Husqvarna VIKING

# User's Guide

## *Quilt Designer II*




KEEPING THE WORLD SEWING

**This houshold sewing machine is designed to comply with IEC/EN 60335-2-28 and UL1594**

# IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic safety precautions should always be followed, including the following:

Read all instructions before using this household Sewing machine.

## DANGER - To reduce the risk of electric shock:

- A sewing machine should never be left unattended when plugged in. Always unplug this sewing machine from the electric outlet immediately after using and before cleaning.
- Always unplug before relamping. Replace bulb with same type rated 5 Watt.

## WARNING - To reduce the risk of burns, fire, electric shock, or injury to persons:

- Do not allow to be used as a toy. Close attention is necessary when this sewing machine is used by or near children and infirm persons.
- Use this sewing machine only for its intended use as described in this manual. Use only attachments recommended by the manufacturer as contained in this manual.
- Never operate this sewing machine if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the sewing machine to the nearest authorised dealer or service center for examination, repair, electrical or mechanical adjustment.
- Never operate the sewing machine with any air openings blocked. Keep ventilation openings of the Sewing machine and foot controller free from the accumulation of lint, dust, and loose cloth.
- Keep fingers away from all moving parts. Special care is required around the Sewing machine needle.
- Always use the proper needle plate. The wrong plate can cause the needle to break.
- Do not use bent needles.
- Do not pull or push fabric while stitching. It may deflect the needle causing it to break.
- Switch the Sewing machine off ("0") when making any adjustment in the needle area, such as threading needle, changing needle, threading bobbin, or changing presser foot, etc.
- Always unplug Sewing machine from the electrical outlet when removing covers, lubricating, or when making any other user servicing adjustments mentioned in the instruction manual.
- Never drop or insert any object into any opening.
- Do not use outdoors.
- Do not operate where aerosol (spray) products are being used or where oxygen is being administrated.
- To disconnect, turn all controls to the off ("0") position, then remove plug from outlet.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Hold plug when rewinding into cord reel. Do not allow plug to whip when rewinding.
- This sewing machine is provided with double insulation. Use only identical replacement parts. See instructions for Servicing of Double-Insulated Appliances.

# SAVE THESE INSTRUCTIONS

# SERVICING OF DOUBLE-INSULATED PRODUCTS

In a double-insulated product, two systems of insulation are provided instead of grounding. No ground means is provided on a double-insulated product, nor should a means for grounding be added to the product. Servicing of a double-insulated product requires extreme care and knowledge of the system, and should be done only by qualified service personnel. Replacement parts for a double-insulated product must be identical to those parts in the product. A double-insulated product is marked with the words 'DOUBLE INSULATION' or 'DOUBLE INSULATED'.

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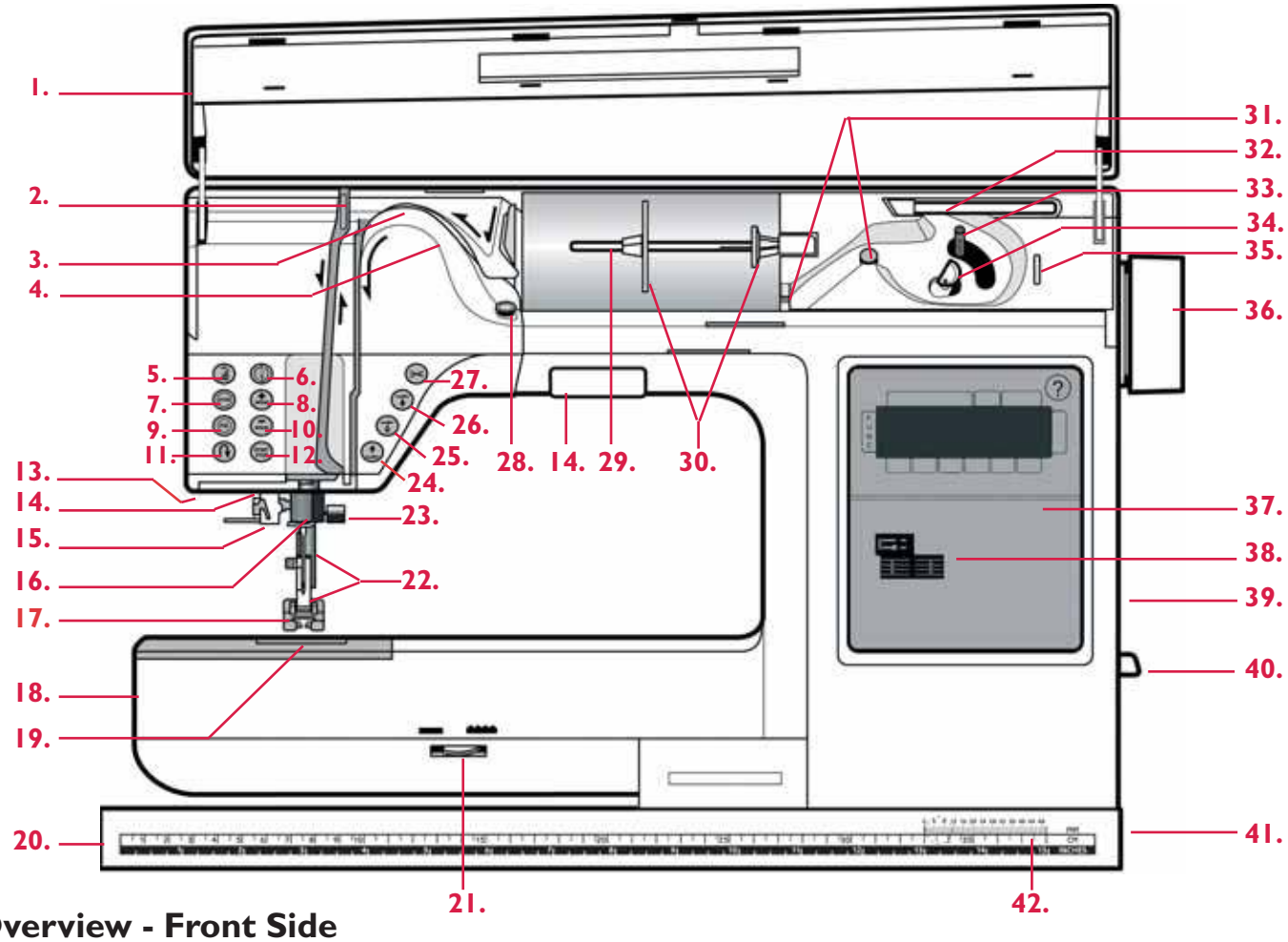
Care of your Quilt Designer II

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Optional Stitch d-Cards / Embroidery Theme

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# Learn your Quilt Designer II




## Overview - Front Side

1. Door/Lid
2. Thread take-up lever
3. Thread tension
4. Pre-tension disc
5. Stitch Re-Start button
6. Needle stop up/down button
7. Finishing Stop button
8. Sewing speed button - faster
9. FIX button
10. Sewing speed button - slower
11. Reverse button
12. Start/Stop button
13. Sensor Buttonhole Foot socket
14. Light
15. Needle threader
16. Needle bar
17. Presser foot
18. Free arm
19. Bobbin cover
20. Base plate
21. Feed teeth up/down dial
22. Presser foot bar and presser foot ankle
23. Needle clamp screw
24. Sensor foot down button
25. Sensor foot pivot button
26. Sensor foot up/extra lift button
27. Selective Thread Cutter button
28. Thread tension disk for bobbin winding
29. Main spool pin
30. Spool holders
31. Bobbin winding guides
32. Auxilary spool pin
33. Bobbin winder spindle
34. Bobbin stop
35. Thread cutter for bobbin winding
36. Handwheel
37. Touch Screen (display and d-Card area)
38. d-Card connector
39. d-Card slot
40. d-Card eject button
41. Power switch, connectors for power supply and foot control
42. Ruler (inches and centimeters)



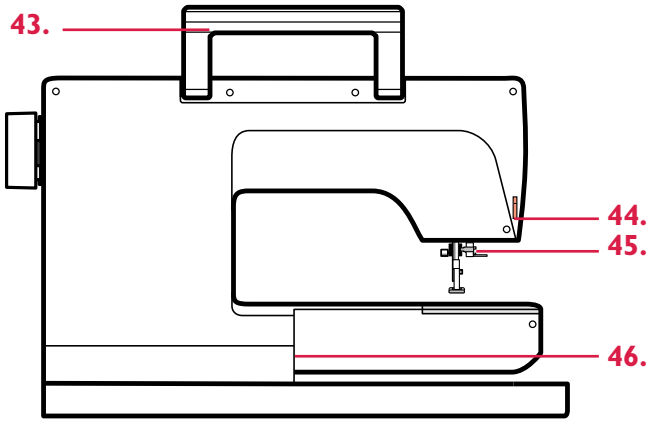
Some fabrics have a lot of excess dye which can cause discoloration on other fabric but also on your sewing machine. This discoloring may be very difficult or impossible to remove.

Fleece and denim fabric in especially red and blue often contain a lot of excess dye.

If you suspect that your fabric/ready-to-wear garment contains a lot of excess dye, always pre-wash it before sewing/embroidering to avoid the discoloring.

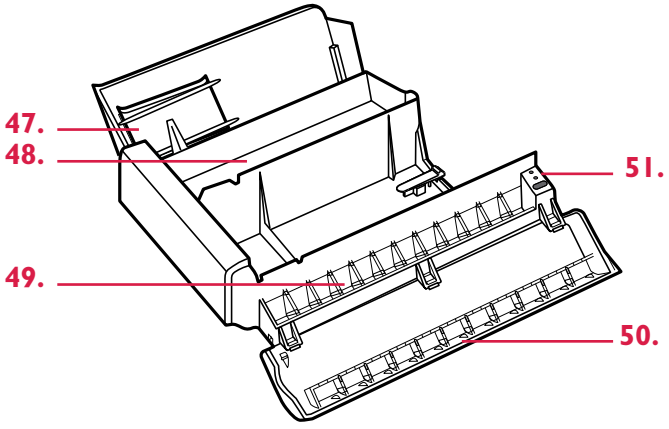
## Rear Side

43. Handle
44. Thread cutter
45. Needle threader
46. Embroidery unit connection socket



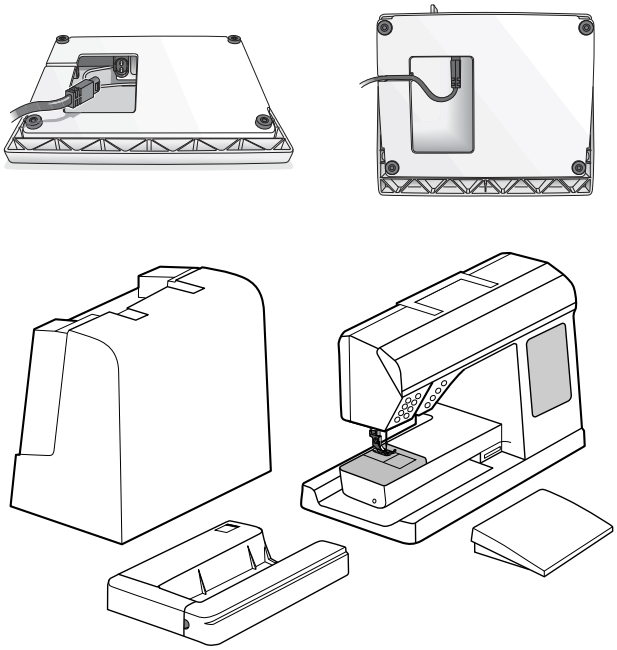

## Accessory Tray

47. Work space extension
48. Space for accessories
49. Space for presser feet
50. Space for bobbins
51. Space for needles




## Unpack Quilt Designer II

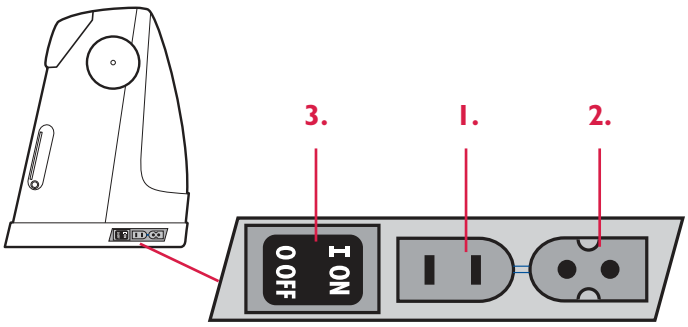
1. Place the machine on a table or cabinet, remove the packaging and lift off the cover.
2. Remove the packing material, the foot control and finally the protection cover.
3. The machine is delivered with an accessory bag and a main cord.
4. Wipe off the machine, particularly around the needle and needle plate to remove any soil before sewing.



## Connect to the Power Supply

Among the accessories you find the main cord. On the underside of the machine you will find information about the power supply (V) and the frequency (Hz).

**Before plugging in, check to ensure that the foot control is of "type FR4" (see underside of foot control)**.



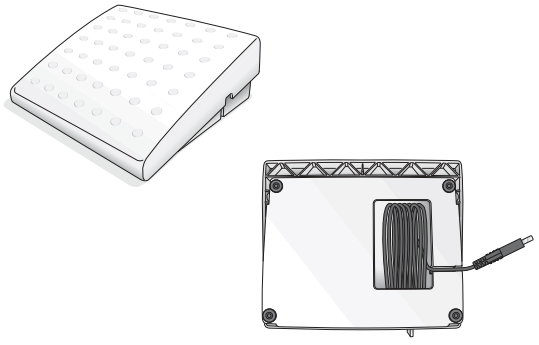

1. Take out the cord from the foot control. Connect the foot control cord to the front socket on the bottom right side of the machine.
2. Connect the main cord to the rear socket on the bottom right side of the machine.
3. When you press the power switch to ON, both the machine and the lights are switched on.

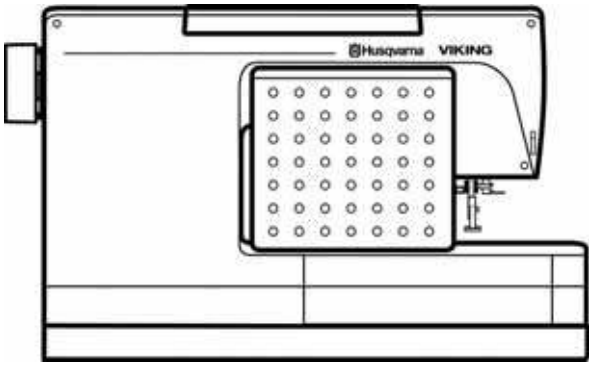
### For the USA and Canada

This Sewing Machine has a polarized plug (one blade wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not modify the plug in any way.

## Pack Away After Sewing

1. Press the power switch to turn off the machine.
2. Unplug the cord from the wall socket first and then from the machine.
3. Wind the main cord around your hand and place the cord in the pocket of the hard cover. Here you can also place the User's Guide.
4. Unplug the foot control cord from the machine. Wind the foot control cord around your hand and place it in the space of the foot control.
5. Check to ensure that all accessories are in the accessory tray. Slide the tray on to the machine around the free arm.
6. Place the foot control, with the underside towards you, fitting into the recess of the accessory tray at the rear side of the machine.

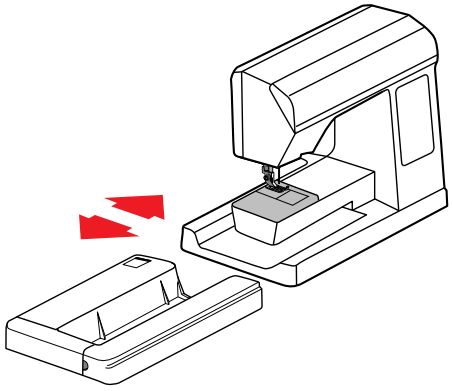




## Accessory Tray / Sewing Surface

In the Accessory Tray there are special places for presser feet, bobbins and needles plus space for other accessories. Store the accessories in the tray so they are easily accessible.

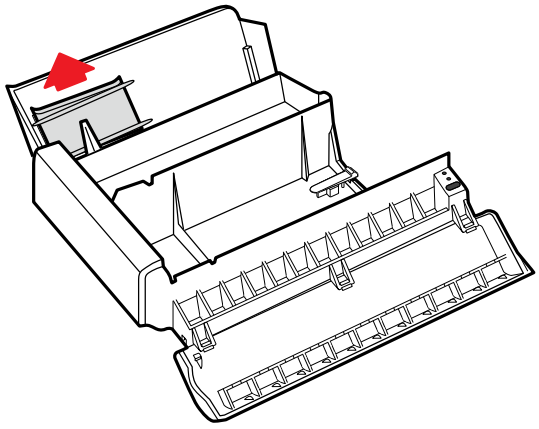
Slide the Accessory Tray onto the machine to provide a larger work surface. Slide the Accessory Tray to the left, passing the stop position and remove it if you wish to use the free arm.



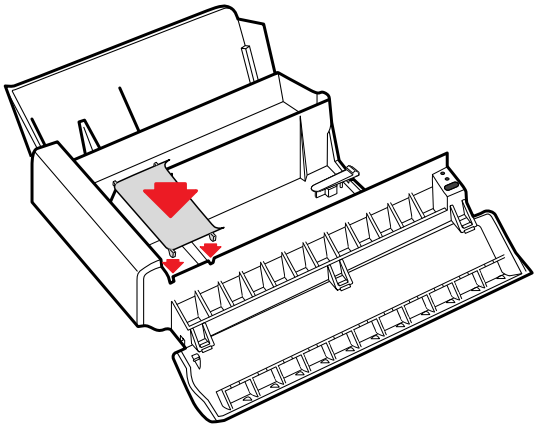
If you need a larger work surface, there is a work surface extension stored inside the rear cover of the tray.

Remove the Accessory Tray from the machine.

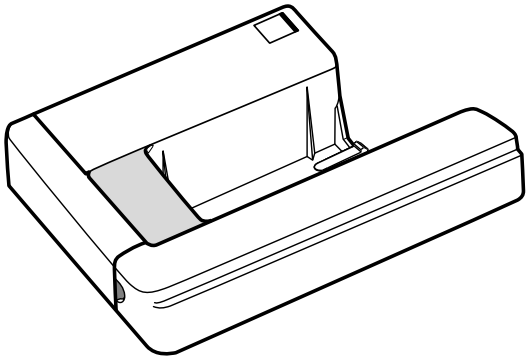
1. Open the rear cover of the tray and slide the work surface extension up and out.



2. Place the work surface extension into the Accessory Tray.



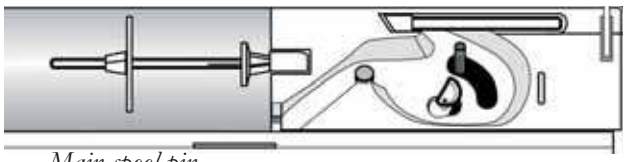
3. Slide the Accessory Tray back on to the machine.



## Spool Pins

Your Quilt Designer II has two spool pins, a main spool pin and an auxiliary spool pin. The spool pins are suitable for all types of thread. Place the thread spool on the spool pin so that the thread reels counter-clockwise.

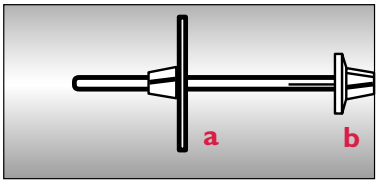
*Auxiliary spool pin*



*Main spool pin*

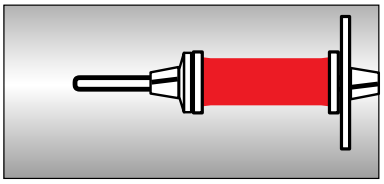
## Main Spool Pin

The main spool pin is adjustable and can be used in a horizontal position (the thread reels off the stationary spool) or in a vertical position (the thread spool rotates). There are two spool holders on the spool pin, one large (a) and one small (b). Depending on what thread spool size or which spool pin position you are using, the spool holders are used differently. Use the horizontal position for normal threads and the vertical position for large spools or threads with special characteristics.



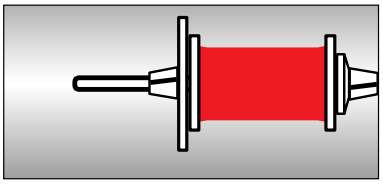

### Horizontal Position

When using the pin in horizontal position and with narrow thread spools, place the large spool holder (a) under the thread spool. The small holder (b) is placed in front of the thread spool.



*Narrow thread spool*

If you use large thread spools, place the small spool holder (b) under the thread spool and the large holder (a) in front of it.

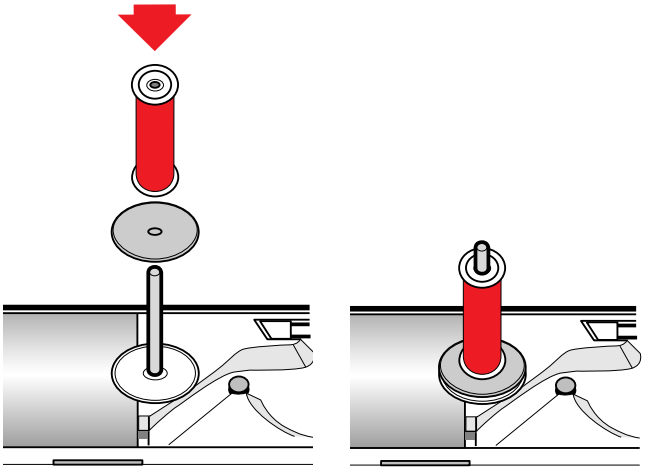


*Large thread spool*

The flat side of the spool holder shall be pressed firmly against the spool. There shall be no space between spool holder and thread spool.

### Vertical Position

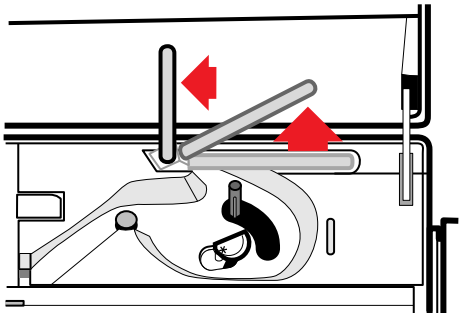
To use the spool pin in its vertical position, fold the spool pin out towards you. Slide on the large spool holder and place a felt pad under the thread spool. This is to prevent the thread from reeling off too fast.



## Auxiliary Spool Pin

The auxiliary spool pin is used when winding a bobbin from a second spool of thread or for a second spool when sewing with a twin needle.

When using the auxiliary spool pin, place the large spool holder (a) and a felt pad under the thread spool.



*Auxiliary spool pin*

## Threading the Upper Thread

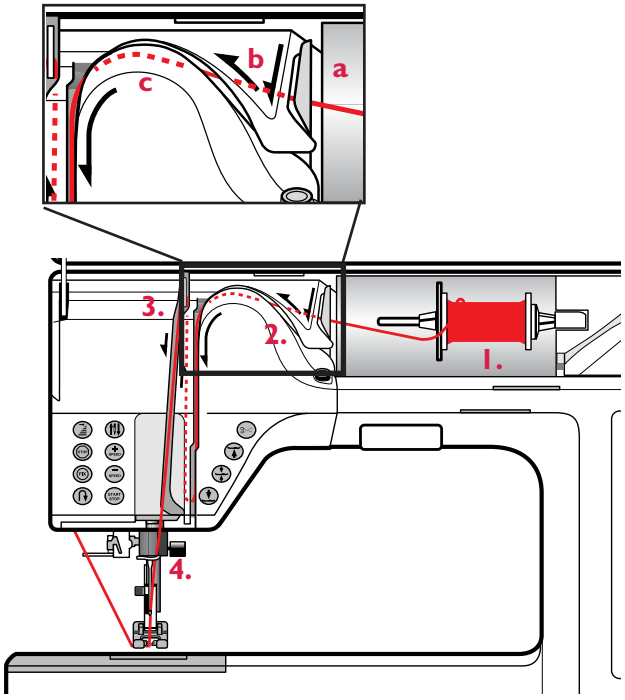
When threading the upper thread, make sure that the presser foot is raised and the needle is in the up position. The threading differs depending on which spool pin position you choose.

### Horizontal Spool Pin

1. Pull the spool pin out. Place the spool on the spool pin (follow the instuctions on previous page). The thread shall reel counter-clockwise. Push the spool pin back in.

   Hold the thread near the spool using your right hand. Use your left hand to bring the end of the thread in the direction of the arrow.

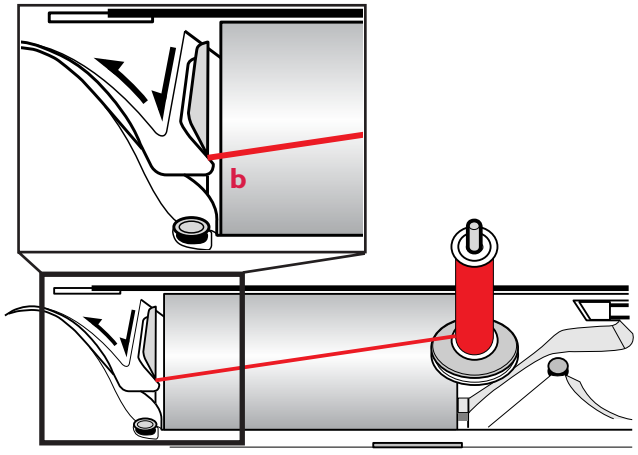
2. Bring the thread up and over the pre-tension thread guide (a) and under the thread guide (b). Bring the thread over the thread tension discs (c).
3. Continue threading in the direction indicated by the arrows. Bring the thread from the right when threading into the slot on the take-up lever.
4. Pull the thread into the last guide just above the needle.




*Threading when using horizontal spool pin*

### Vertical Spool Pin

1. Pull the spool pin out. Place the spool on the spool pin following the instructions on previous page (Vertical Position).
2. Thread the machine according to the instructions above with one exception. Instead of bringing the thread up and over the pre-tension guide, bring it directly across and into the thread guide (b).



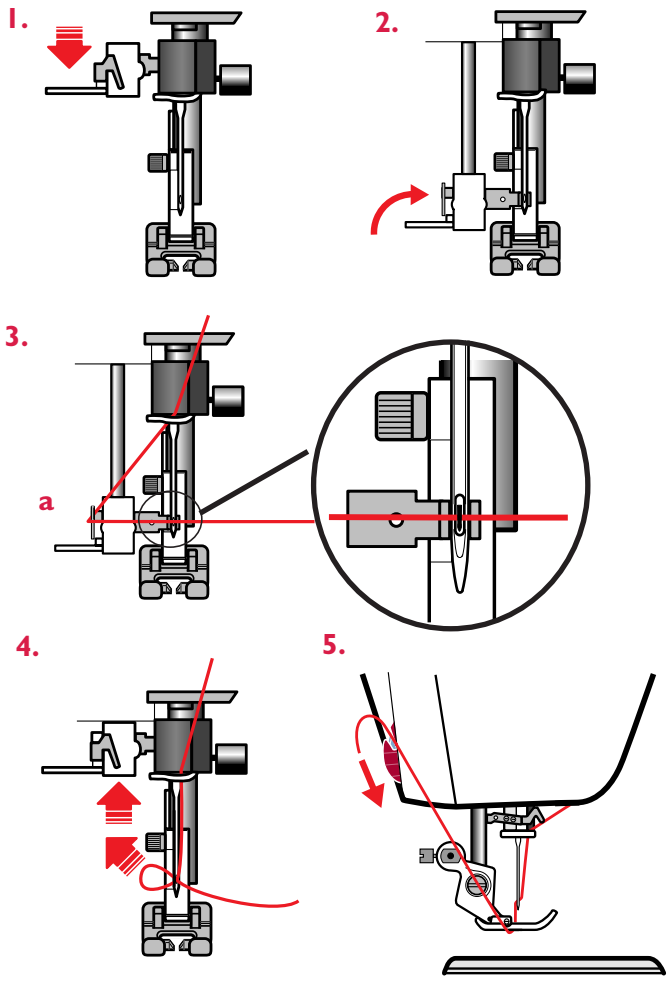

*Threading when using vertical spool pin.*

## Needle Threader

The needle must be in the up position to use the needle threader. We also recommend lowering the presser foot.

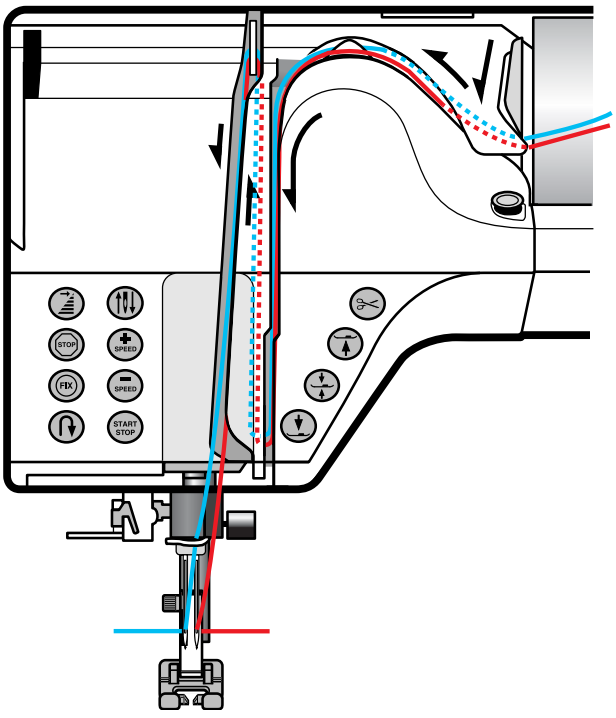
1. Pull the needle threader all the way down, behind the needle.
2. Bring it forward until the metal flanges cover the needle. A small hook will pass through the needle eye.
3. Place the thread around the guide (a) and under the flanges in front of the needle, so the thread catches into the small hook.
4. Let the needle threader gently swing back. The hook pulls the thread through the needle eye and forms a loop behind the needle. Pull the thread loop out behind the needle.
5. Place the thread under the presser foot and cut the thread.

**Note:** You cannot use the Needle Threader for the wing needle, twin needle, triple needle or when the Buttonhole Sensor Foot is on. When threading the needle manually make sure that the needle is threaded from front to back. The white presser foot ankle makes it easy to see the eye of the needle.



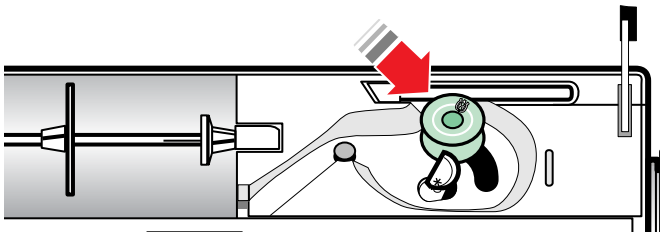

## Threading for Twin Needle

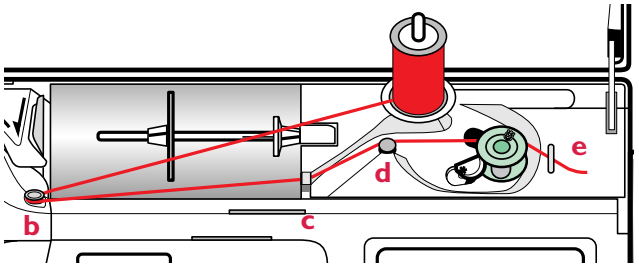
1. Insert a twin needle. See page 16 “Changing the needle”.
2. Use a second thread spool or wind a bobbin with the thread you are going to use as the second upper thread.
3. **Left needle (blue):** Thread the machine as explained on page 9 (Vertical Spool Pin) and check to ensure that the thread lies between the **inner** thread tension discs, and **inside** the last thread guide. Thread the left needle.
4. **Right needle (red):** Pull up the auxiliary spool pin. Place the large spool holder and a felt pad on the spool pin.
5. Place the thread spool or the bobbin with the second thread on the spool pin.
6. Thread the machine as before but this thread should lie between the **outer** thread tension discs, and **outside** the last thread guide. Thread the right needle.



## Bobbin Winding

1. Place an empty bobbin on the bobbin spindle at the front of the machine (the mark Ⓗ facing up). Bring the bobbin spindle down. A Pop-up menu on the Touch Screen reminds you that bobbin winding is engaged.
2. Place the large spool holder and a felt pad under the thread on the auxiliary spool pin.
3. Bring the thread around thread tension disk (b) pulling it firmly into the tension disk, then under thread guide (c) and over thread guide (d) as illustrated.
4. From above wind a few turns of thread clock-wise around the bobbin and into the thread cutter (e).
5. Press the foot control or touch START STOP. When the bobbin is filled, the winding will stop automatically. Remove the bobbin and cut off the thread (e). Bring the bobbin spindle up.






*Bobbin winding from the spool*

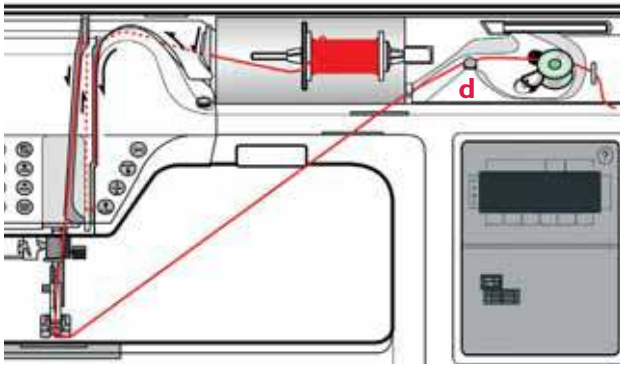
## Winding from the Needle

Make sure that the presser foot and the needle are in the up position. Use only the original Husqvarna Viking green bobbins.

**Only use a metal presser foot when bobbin winding from the needle.**

To wind, follow the instructions for "Bobbin winding". The difference is that the thread is brought up from the needle, under the presser foot and to the right over thread guide (d).

Note: We do not recommend winding specialty threads such as invisible or other stretchy threads through the needle. Instead see "Bobbin Winding".

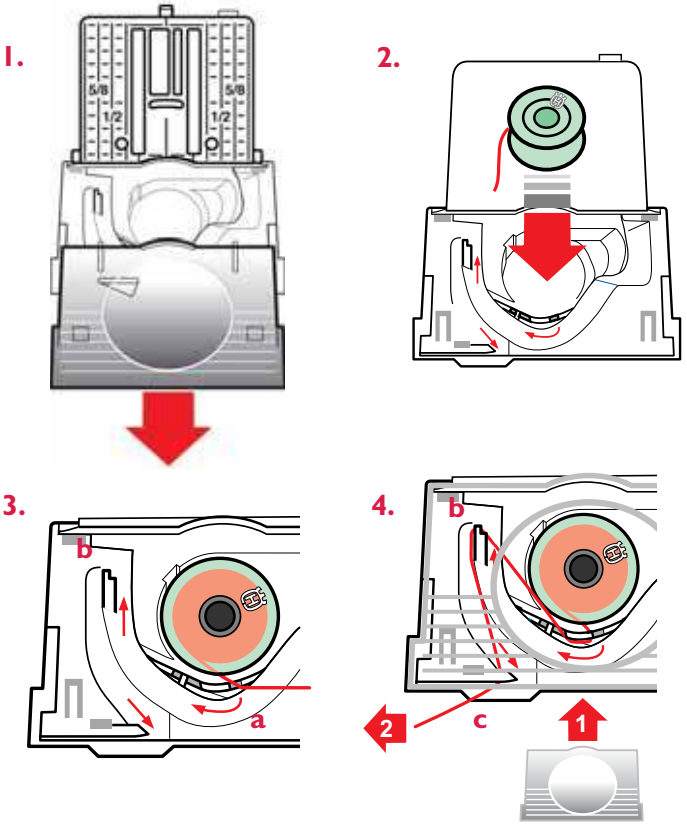



*Bobbin winding from the needle*

## Placing the Bobbin in the Machine

⚠ Turn off the main switch.

1. Remove the bobbin cover by sliding it towards you.
2. Place the bobbin in the bobbin case with the mark Ⓗ facing up and the thread to the left of the bobbin. The bobbin will then rotate counter clockwise while pulling out the thread.
3. Place your finger on the bobbin to keep it from turning as you pull the thread firmly to the right and then to the left into the tension spring (a) until it "clicks" into place.
4. Continue threading around (b) and to the right of the thread cutter (c). Replace the cover (1). Pull the thread to the left to cut it (2).



## Function Buttons

**Stitch Re-start** is used to start sewing your selected stitch at the beginning of the stitch, without having to re-set any special settings you have made.

**STOP** is used to conclude a stitch. Your Quilt Designer II fastens the thread and stops automatically when a stitch sequence has been completed. STOP is cancelled when you touch the button again or by selecting a new stitch. When STOP is active, the button lights up. The STOP function can be programmed. It can also be used for one color embroidery.

**FIX** is automatically activated when a stitch is selected or when the Selective Thread Cutter has been used. FIX is used to tie off stitches. The button lights up while the FIX function is active. By touching the lighted button the function can be turned off. When beginning to sew, Quilt Designer II sews a few tie off stitches and goes on with the selected stitch. Touch FIX while sewing and Quilt Designer II sews a few tie off stitches and stops automatically. The FIX function can be programmed.

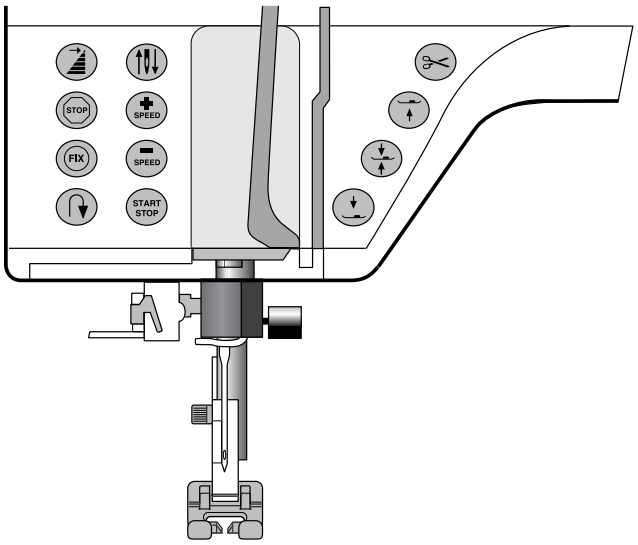
**Reverse** is pressed to sew in reverse. The button lights up. When the button is released, the light goes out and Quilt Designer II sews forwards. The longest reverse stitch length is 3 mm.

For permanent reverse, touch the button twice in quick succession before starting to sew. The button will be lit up and the Quilt Designer II sews in reverse until you touch the button again.

**Needle stop up/down** is used to move the needle down or up and/or to set the needle stop position up or down.

Touch **+ SPEED** or **- SPEED** to increase or decrease the sewing speed. If touched when not sewing, a Pop-up menu on the Touch Screen indicates the speed setting. Touch OK or start sewing and the Pop-up goes out. You can change the speed setting while sewing but no Pop-up will appear.

All stitches in Quilt Designer II have a pre-set, recommended sewing speed. When you select a stitch Quilt Designer II automatically sets the correct sewing speed.




**START/STOP** is touched when you want to run and stop the machine without using the foot control. Touch START/STOP to begin and touch it again to stop sewing.

**Thread Cutter** is touched to cut the top and bobbin threads. If touched when the machine is not sewing, the threads are cut in the beginning of the following stitch. If the button is touched while sewing, the ”STOP” button starts flashing and the threads are cut at the end of the current stitch. When the threads are cut, the presser foot and the needle are raised to the up position and the FIX function is activated. The Thread Cutter function can be programmed

**Sensor Foot Lift** and **Extra Lift** is used when you want the presser foot and the needle to be lifted to up position. Touch the button once more and the presser foot will raise to extra lift, to make it easy to get thick fabric under the presser foot. See page 13.

**Sensor Foot Pivot** is used to simplify placing the fabric. Touch this button and the presser foot will be lowered to pivot position. See page 13.

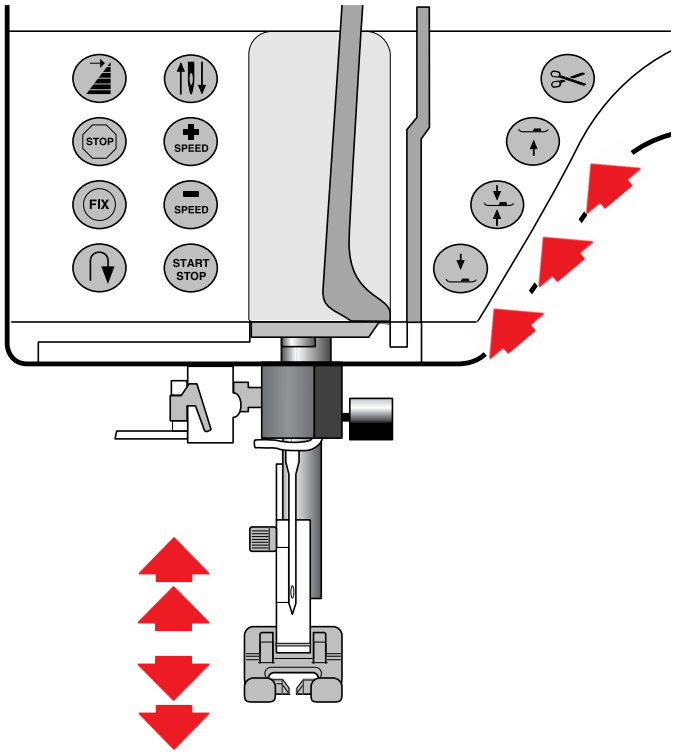
**Sensor Foot Down** is touched when you want the presser foot to be completely lowered. Quilt Designer II is firmly holding your work, ready to sew. See page 13.

## Sensor Foot Pressure

When selecting different fabric weights on the Sewing Advisor, the presser foot pressure will be adjusted automatically. Thanks to the Sensor Foot Pressure, the presser foot actually senses the thickness of fabric or stitching (or embroidery). Therefore Quilt Designer II always sews smoothly and evenly.

Touch SET on the display and you will see the actual setting of the presser foot pressure for the selected fabric.

You can adjust the presser foot pressure by pressing the button - + in SET 1.
The higher the number the more pressure on the fabric.




## Sensor Foot Lift

The presser foot is automatically lowered when you start your sewing.

When you stop with the needle in the down position, the presser foot is automatically lifted to pivot position.

If you have selected **Needle stop up:**

- Raises the presser foot and the needle to up position. Touch twice for extra lift. Makes it easier to get thick fabrics under the presser foot.

If you have selected **Needle stop down:**

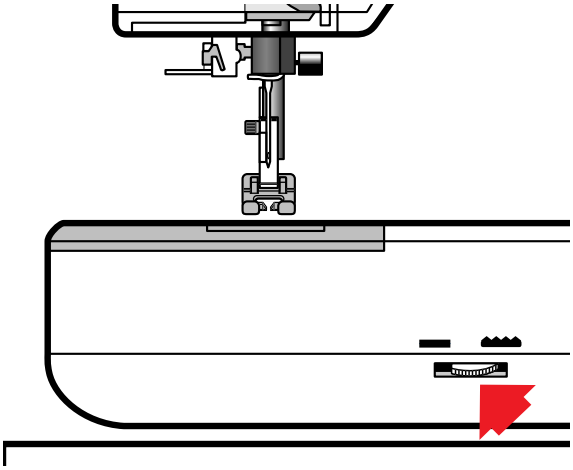
- Raises the presser foot to up position but the needle stays down in the fabric. Touch twice and the needle raises to up position and the presser foot to the extra lift. This make the removal of fabric easier.

- Sets foot to pivot position.

- Lowers the presser foot.

## Lowering the Feed Teeth

The feed teeth are lowered when you turn the dial on the front of the free arm to the left — . Turn the dial to the right ▲▲▲ if you wish to raise the feed teeth. The feed teeth will raise as you begin to sew. The feed teeth should be lowered when sewing buttons and free-motion work.



By lowering the feed teeth it is easier to get thick terry cloth fabric under the preser foot. Raise the feed teeth before starting to sew.

## Presser Feet

Among the accessories there are a number of presser feet for different purposes.

**Presser Foot A**

Fitted on the machine upon delivery. This foot is used mainly for straight stitching and zigzag stitching with a stitch length longer than 1.0.

**Presser Foot B**

When sewing close zigzag stitches with less than 1.0 mm stitch length; other utility stitches or decorative stitches use this foot. The tunnel at the bottom of the foot is designed to feed smoothly over the stitches.

**Presser Foot C**

This is the buttonhole foot and it has guide lines to determine buttonhole length. The middle mark gives a 9/16" (15 mm) buttoning edge. The two tunnels on the bottom of the foot feed smoothly and straight over the buttonhole columns.

**Presser Foot D**

This foot is used for blind hem stitches. The inner edge of this foot guides the fabric. The bottom of the foot is designed to ride along the hem edge.

**Presser Foot E**

This is the zipper foot and can be snapped on either to the right or to the left of the needle. This makes it easy to sew on both sides of the zipper.

**Presser Foot H**

This foot with a glide plate underneath, is used when sewing foam, plastic, or leather, minimizing the risk of these materials sticking to the foot.

**Presser Foot J**

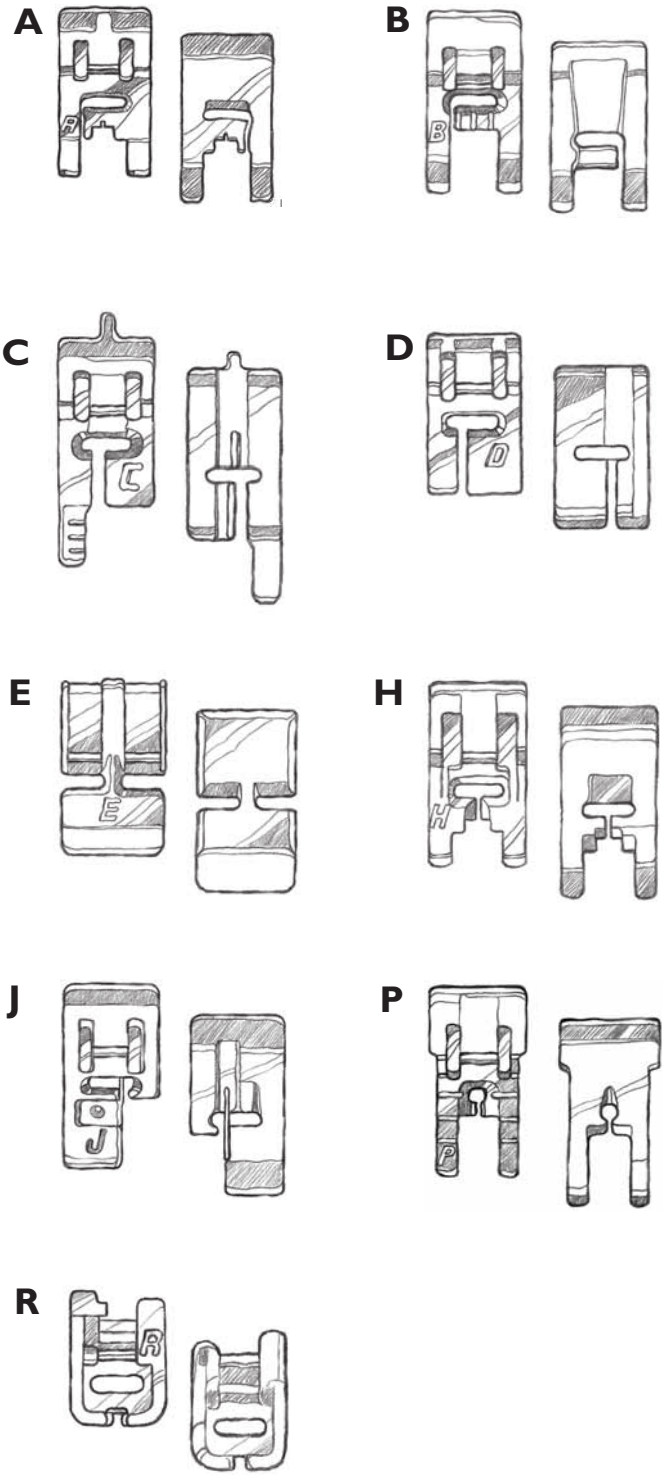
This foot is used for overcasting, seam and overcasting, i.e. stitches which have a stitch width of 5.0 and 5.5 mm. Stitches form over the pin which prevents puckering at the edge of the fabric.

**Presser foot P**

This foot is used when piecing quilt blocks. The foot has distance marks 1/4" (6 mm) and 1/8" (3 mm).

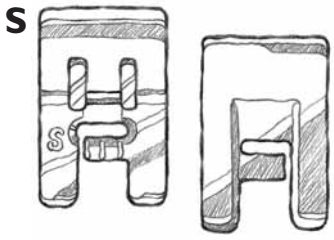
**Presser Foot R**

This foot is used for free motion embroidery, decorative sewing and embroidery.



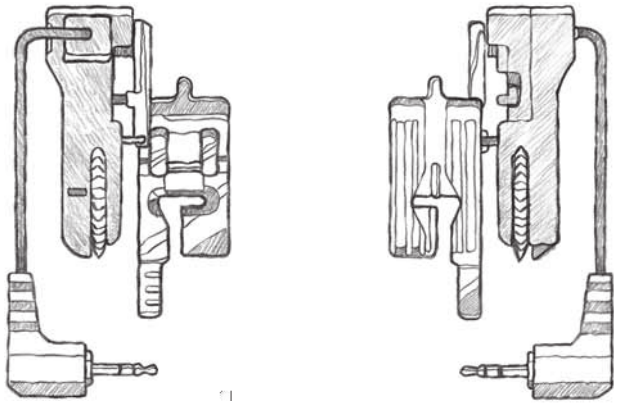
**Presser foot S**

This foot is used for side-motion stitches.




**Sensor Buttonhole Foot**

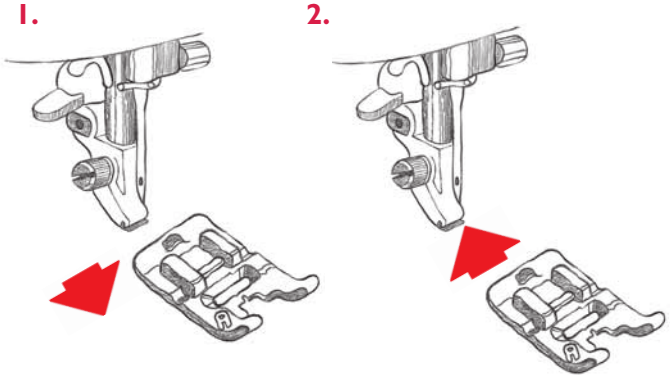
When connected to the machine it measures buttonhole length and sews the buttonhole size that has been entered into the machine. The middle mark gives a 9/16" (15 mm) buttoning edge.



## Changing the Presser Foot

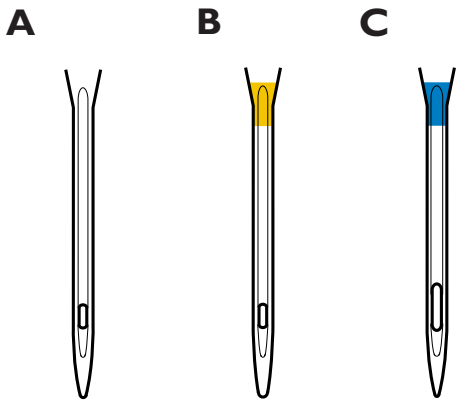
⚠ Turn off the main switch.

1. Make sure that the needle is in the highest position. Pull the presser foot towards you.
2. Line up the cross pin on the foot between the spring and the presser foot ankle. Press back until the foot snaps into place.



## Needles

The sewing machine needle plays an important role in successful sewing. To ensure you will get a quality needle, we recommend needles of system 130/705H. The needle case included with Quilt Designer II contains needles of the most used sizes for sewing in woven and stretch fabrics.




### A Standard Needles Sizes 70, 80 and 90

These needles are used for sewing in all woven fabrics. The needle point is designed to penetrate between the threads of the fabric so the fabric will not be damaged.

### B Stretch Needles Sizes 75 and 90

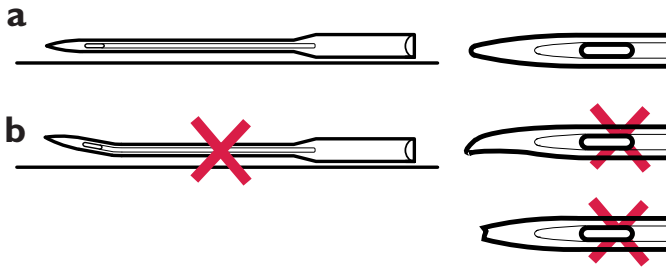
These needles are used for sewing in knitted and stretch fabrics. The stretch needle is marked yellow and has a rounded point.

### C Jeans Needles Sizes 90 and 100

These needles are used for sewing in woven heavy fabrics, for example denim and canvas fabric. The jeans needle is marked blue and has an extremely sharp point to facilitate the penetrating of the fabric.

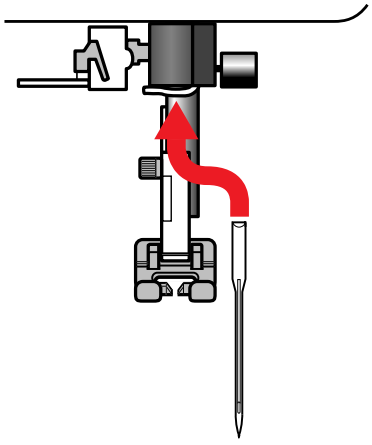
**Note:** Change the needle often, always use a straight needle with a sharp point (a).

A defective needle (b) can cause skipped stitches, breakage of needles or snapping of thread. A defective needle can also damage the needle plate.




## Changing the Needle

⚠ Turn off the main switch.

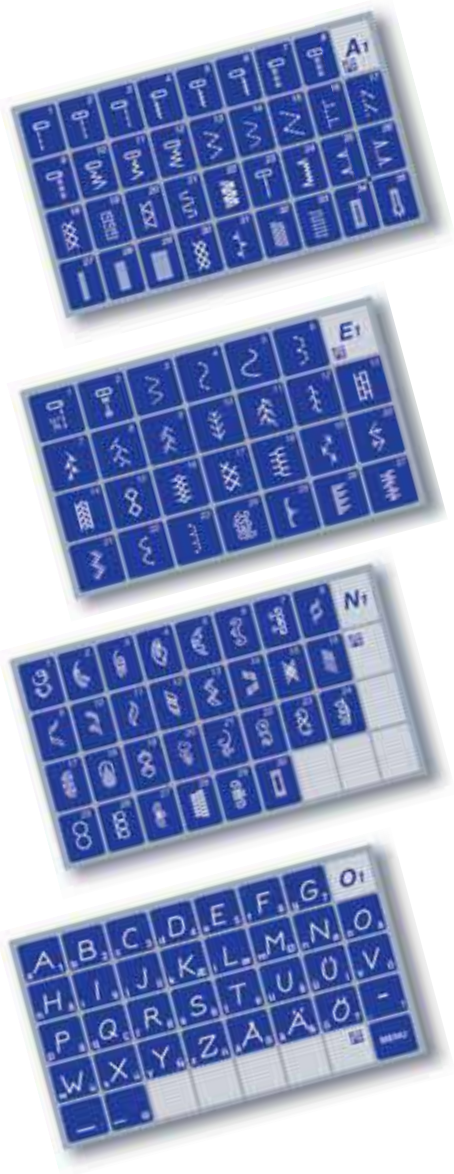


1. Loosen the screw in the needle clamp with the screwdriver or the small opening on the Screw Grip.
2. Remove the needle.
3. Push up the new needle with the flat side away from you until it will go no further.
4. Use the screwdriver or the Screw Grip to tighten the screw properly.

# Interchangeable d-Cards

Quilt Designer II features interchangeable d-Cards. There are three types of d-Cards; Stitch d-Cards (for normal sewing), Embroidery d-Cards (for embroidering) and Personal d-Cards (to save your own embroidery designs).

There are several Stitch d-Cards available. Each Stitch d-Card features up to 35 different stitches. Four Stitch d-Cards are included with Quilt Designer II; Utility Stitches, A1, Fashion Stitches, N1, Quilt and Appliqué Stitches, E1, and Block Letters Alphabet, O1 .




### Utility Stitches

Stitch d-Card A1, Utility stitches, features a variety of stitches used for normal sewing such as different kinds of straight stitches, zig-zag stitches, overlock and flatlock stitches. Buttonholes and stitches that are perfect for darning and mending are also found on the Stitch d-Card A1, Utility stitches.

### Quilt and Appliqué Stitches

Stitch d-Card E1, features a variety of stitches that can be used for quilt and appliqué sewing.

### Fashion Stitches

Stitch d-Card N1 Fashion, features a variety of stitches that can be used for decorative sewing.

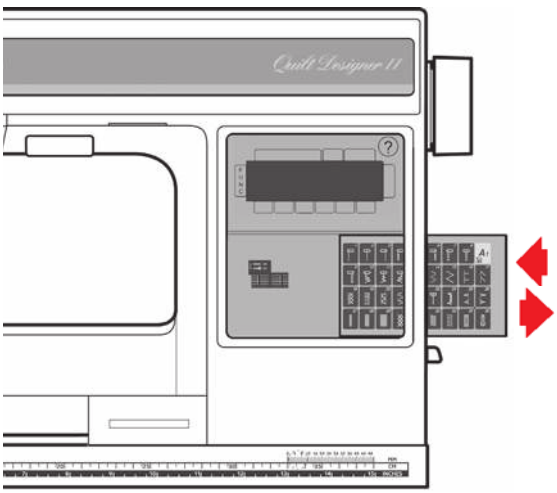
### Block Letters

Stitch d-Card O1 Block letters, features upper case letters, lower case letters and numbers/ special characters.

**Note:** Somewhere, on the right side of each d-Card, you find a small dotted square. This is a code, used to secure that the correct stitch information is stored on the d-Card.

## Insert d-Card

- Slide the d-Card into the slot on the right side of the machine.
- To select a stitch, touch the picture of the desired stitch. The selected stitch appears on the Touch Screen with the recommended presser foot.



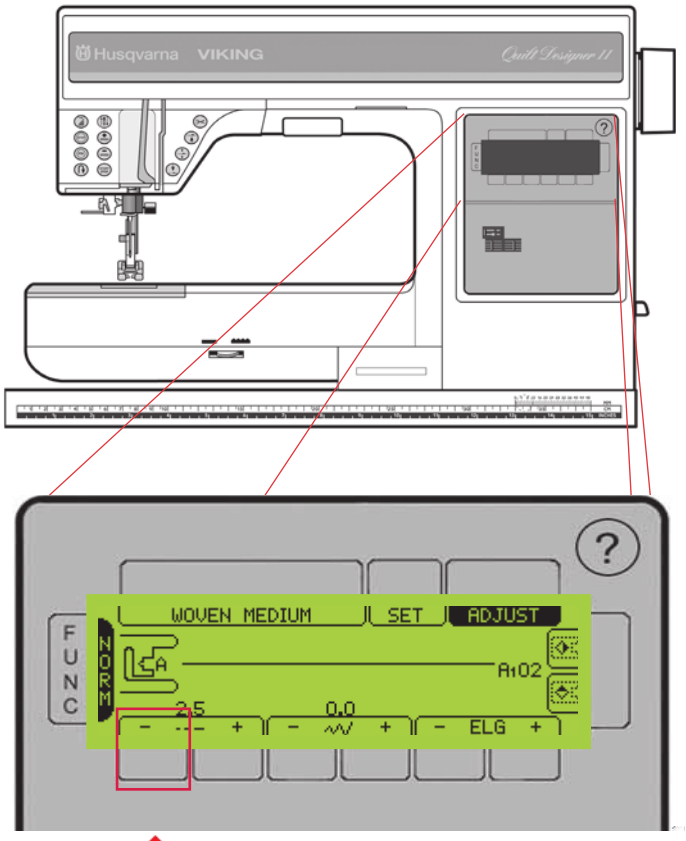
## Change d-Card

- To change the d-Card, press the button on the right side of the machine. The d-Card ejects.
- Pull out the d-Card.
- Insert another d-Card (see instructions above).

# Touch Screen

Quilt Designer II features a large Touch Screen at the front right of the machine. The Touch Screen is very easy to use. Just touch it with your finger tip to select a function or a stitch.

The Touch Screen area consists of two parts. The upper area, the Touch Screen display, is touched to access the different functions that are available for Quilt Designer II. The lower part of the Touch Screen area is the d-Card area. When a d-Card is inserted in the machine, select the different stitches by touching the stitch picture or design.




*The tabs surrounding the display are extended touch areas for the icon adjacent to them.*

## Touch Screen Menus

The Touch Screen features five different functions; SEWING ADVISOR, SET, ADJUST, FUNC and HELP. When touching a function its tab becomes active and turns black (except FUNC and "?" (help) that are printed on the Touch Screen).

When turning on the machine, the display is lit up and you see a Welcome Screen together with the software version number, then the NORM- and ADJUST-modes are activated.

### Sewing Advisor (Woven Medium)

Select fabric type and weight and sewing technique from the Sewing Advisor, then Quilt Designer II selects the stitch and settings (see page 19).

### SET

Touch SET to change default machine settings and functions (see page 20-22).

### ADJUST

Use this function to adjust stitch length, stitch width, elongation and mirror image (see page 23).

### FUNC

Touch FUNC to step between the NORM, PROG and REP modes.

**NORM** is used for all normal sewing.

**PROG** is used to program stitches such as letters and decorative sequences (see page 64).

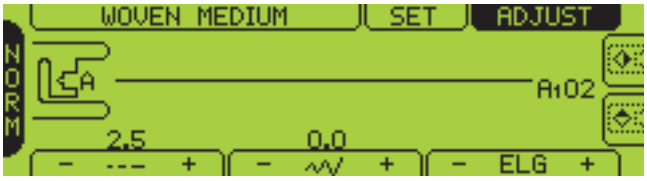
**REP** is used to sew the stitch combinations programmed in PROG (see page 66).

### HELP

Recommends needle size and type, when to lower feed teeth, stabilize fabric, cord button-holes, etc (see page 23).

## Sewing Advisor

Select fabric type and sewing technique from the Sewing Advisor, then Quilt Designer II selects the stitch and settings (see page 28). The Sewing Advisor is always active, except when programming or embroidering.




To bring up Sewing Advisor touch the Sewing Advisor tab:




The Sewing Advisor has two different menus, Fabric and Sewing Technique.

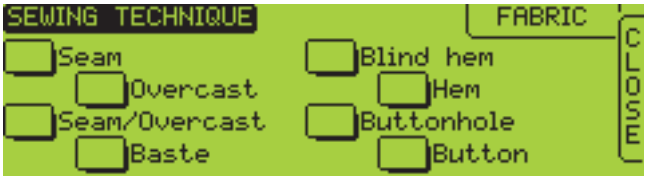
### Fabric

In the Fabric menu you select from eight different fabric types and weights. Select the type and weight of fabric, the fabric button turns black. Immediately the Sewing Technique menu appears.




### Sewing Technique

Select from eight different sewing techniques. The selected sewing technique button turns black to indicate your choice. Your Quilt Designer II selects the best stitch, thread tension, stitch length, stitch width, sewing speed, presser foot pressure and recommends the presser foot for your project.




To select a new Sewing Technique just touch another technique button.

Move between the menus by touching 

or 

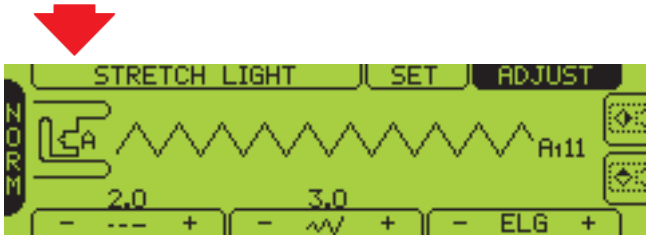
.

To close the Sewing Advisor touch 

.

When you have closed the Sewing Advisor, the chosen fabric is indicated on the Sewing Advisor tab on the Touch Screen.

*The choosen fabric is indicated on the Sewing Advisor tab.*




**Note:** See page 28-37 to learn more about how to use the Sewing Advisor.

## SET Menu

Touch SET to override automatic settings and make manual adjustments. There are six different SET menus. Touch MORE if you want to step between them. You can also change menu by touching SET repeatedly. The different menus are numbered from 1-6:

SET 1, SET 2, SET 3, SET 4, SET 5, SET 6.




When you have changed default settings for thread tension, presser foot pressure, and balance, the changed settings will affect all stitches. The settings remain until Quilt Designer II is turned off or until you re-set. Some of the settings remain even if Quilt Designer II is turned off (for example twin needle, Sensor Q foot). When you turn the machine back on, a Pop-up menu will tell you if such settings are active.

When a setting has been changed, the number is inverted in color, meaning, the text becomes green with black background.

## SET 1

### Top Thread Tension

Adjust top thread tension by touching + or −. The number indicates the tension setting. The higher the number the more tension on the top thread.



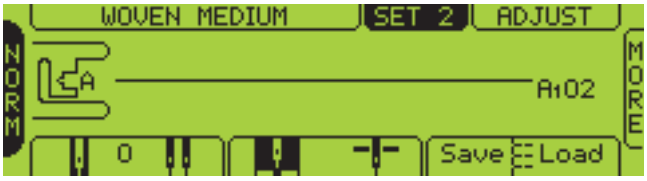

### Presser Foot Pressure or Lift Height

Adjust presser foot pressure by touching + or −. The number indicates the pressure setting. The higher the number the more pressure the foot puts on the fabric. When a free motion stitch is selected, the Sensor Foot Lift height is set instead. The lift height is adjusted when touching ↓ or ↑.

### Balance

Adjust stitch balance by touching + or −. The number indicates the balance setting. When a buttonhole is selected, the balance buttons will adjust the density of the right column of the buttonhole (see page 45, Buttonhole Balance).

## SET 2




### Twin Needle Safety

When you sew with a twin needle, enter the width between the needles. Touch step by step until the correct number is displayed in the icon. For standard single needle, touch .

### Needle Stop Position

Touch or to set needle stop up or down. The function button (page 12) on the machine is another option to set needle stop up or down.

### Save or Load

To save a favorite setting for a stitch, touch Save. To sew the stitch at a later time, touch Load.

## SET 3




### FIX

To cancel the automatic fix stitching at the start when sewing, touch Man.

### Sensor Foot

Touch Man to cancel the automatic pivot position of the presser foot when stopping with the needle stop down.

### Selective Thread Cutter

If you prefer to handle the thread cutter manually with the function button, touch Man.

## SET 4




### Free Motion Sewing

Touch this function when you want to activate the free motion sewing function. Touch for free motion straight stitch. Touch for free motion zigzag.

### Sensor Q Foot

Touch Q to to set the Sensor Foot Pressure for the Sensor Q Foot. Touch R after use to return to normal settings.

Since the hole in the Sensor Q Foot is too narrow to allow the needle to move sideways, the stitch width is automatically set to 0 for all stitches when Q is selected.

**Note:** The Sensor Q Foot is an optional accessory for free motion sewing, embroidery and quilting on thick or batted fabrics.

## SET 5

### Language English

To change language on the Touch Screen, touch English until your language choice is indicated. The language setting remains until you change it.




### Touch Screen Contrast - +

Touch − or + to reduce or increase Touch Screen contrast.

### Help Pop-up Menu Man Auto

When Auto is selected a Help Pop-up will appear automatically with recommendations for your sewing. The Pop-up menu only appears if a recommendation is changed. Touch Man if you want to bring up the recommendations only when you need them by touching ?.

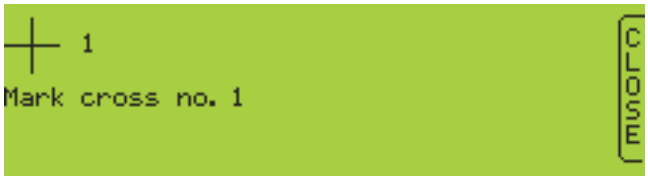
## SET 6

### Calibration of the Touch Screen

If you touch a function or menu on the Touch Screen but it does not respond, or if the function next to it is activated instead, the screen has to be calibrated. The Touch Screen is calibrated at the Husqvarna Viking factory, but the settings may be affected when the machine is shipped and transported. You only need to calibrate the Touch Screen if there is a precision problem when touching the tabs on the screen.

To calibrate the Touch Screen, open SET 6. Touch and the calibration screen appears.



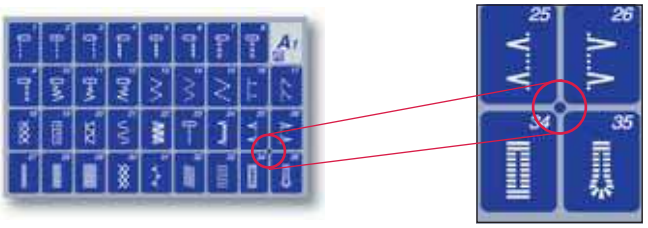





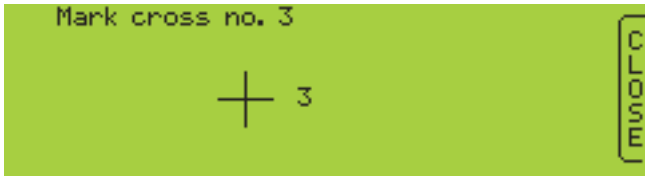


1. Touch in the center of cross 1. This is best done with a pointed but **not sharp** object. When the cross disappears the first point is set.
2. Insert Stitch d-Card A1. Touch the point on the d-Card to set the second point.

You can touch CLOSE to leave the Calibration screen without saving any changes.



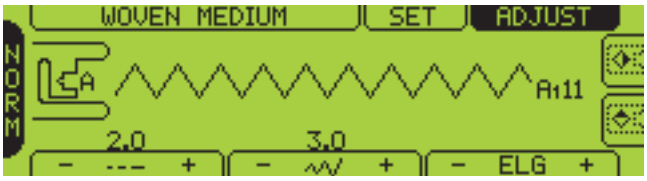

3. A new cross appear on the Touch Screen. Touch in the center of this cross to complete the calibration.




**Note:** When calibrating the screen, be sure to touch the cross areas only, as recommended. If other areas are touched, the screen can be miscalibrated. A miscalibrated screen may require an adjustment by an authorized technician.

## ADJUST Menu

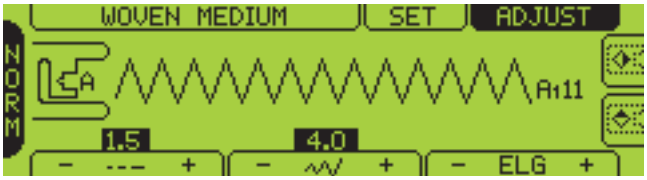
Touch ADJUST to override default settings and to make manual adjustments in stitch length and/or stitch width. Elongation or mirror imaging of stitches side to side and end to end are also done in ADJUST.




The stitch length - --- +, stitch width - +/- + and elongation - ELG + can be changed by touching + or −. Minimum and maximum settings are indicated with a "beep" signal.

**Note:** The elongation function is only available when sewing satin stitches (see page 63).

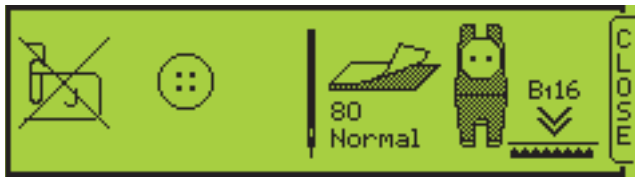
When an adjustment has been done, the number indicating the change is inverted in color, meaning the text becomes green with black background. The mirror image buttons, , are highlighted in black when selected.




Settings that are not available have no number above the tab and beep when touched.

## HELP Menu

Touch ? in the upper right corner of the Touch Screen and a Help Menu appears.




The Help Menu gives you information about the selected stitch, type of needle, presser foot, stabilizer etc.

In SET 5 choose to have the Help Menu appear automatically, Auto or manually Man (see page 22).

To exit ? touch CLOSE

Examples of symbols shown in ?:

Needle 


Stabilizer 

Top thread, weight 40 


Bobbin thread, weight 70 


Presser foot 


Attach Self-adhesive glide plate 

Cord the buttonhole 

Clearance Plate 

Feed teeth up 

down 

## Pop-up Menus

Quilt Designer II features a number of Pop-up menus that appear on the Touch Screen to indicate what to do when Quilt Designer II stops or is not sewing. For example, the Pop-up menus inform you when the top thread has broken, or if the bobbin is empty. Below, the most frequent Pop-up menus are listed and explained.

### Top Thread Break

Your Quilt Designer II stops automatically if the top thread runs out or breaks. Rethread the top thread, touch OK and continue to sew.




### Empty Bobbin

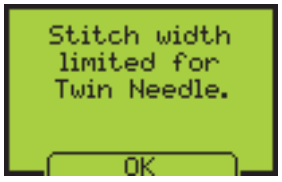
Your Quilt Designer II stops automatically when the bobbin thread is almost empty. Replace the empty bobbin with a full one, touch OK and continue to sew.




**Note:** It is possible to continue sewing until all thread on the bobbin has run out.

### Twin Needle

When the twin needle safety button is set, the width of the stitches is limited. If you select a stitch that is too wide, the twin needle Pop-up appears. The stitch width of the selected stitch is adjusted automatically to fit the twin needle setting.




The twin needle Pop-up also appears if the twin needle safety button is set when the machine is turned on.

Open SET 2 and touch the single needle icon to cancel the twin needle safety.

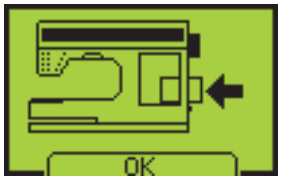
### Sensor Q Foot

The Sensor Q Foot Pop-up appears if the Sensor Q Foot function is activated in SET 4 when the machine is turned on.



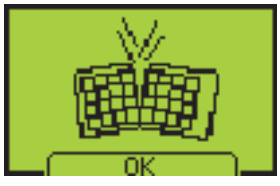

### No d-Card Inserted

Quilt Designer II alerts you if you try to select a stitch from the d-Card area on the Touch Screen and no d-Card is inserted.



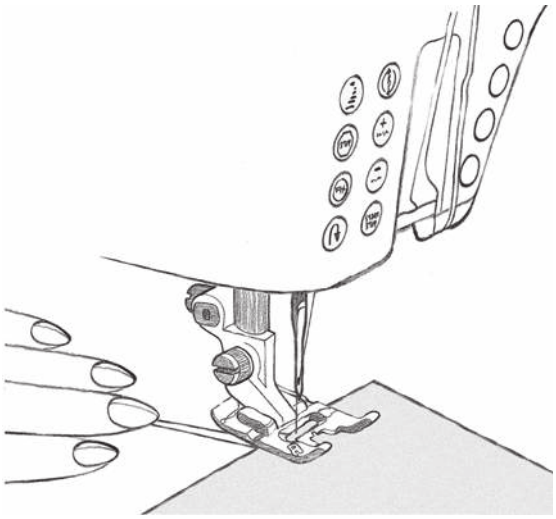

### Invalid d-Card

Quilt Designer II alerts you if the memory chip at the backside of the d-Card is not properly connected to the d-Card connector. Eject the d-Card, wipe it off with a cloth and insert it again. If the Pop-up still appears, the memory chip could be damaged (contact your dealer for further advice).



# Begin Sewing

There are two ways to select stitches with Quilt Designer II, either use the Sewing Advisor or select a stitch from one of the Stitch d-Cards.



## The Sewing Advisor

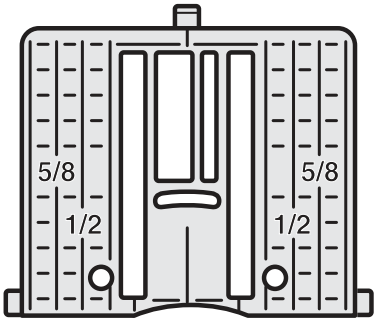
- Touch the Sewing Advisor tab on the Touch Screen. Select the type of fabric you are using. Then select the desired sewing technique.
- Place top and bobbin thread under the presser foot and to the back.

  **Note:** For best results when starting right at the edge of the fabric, place a finger on the threads to hold them in place as you begin.
- Place fabric in position under the presser foot.
- Step on the foot control and begin sewing. The presser foot is lowered automatically.
- If you need to adjust fabric, touch Pivot .

**Note:** Use START STOP to start and stop the machine without using the foot control.

## The Stitch Plate

The Zigzag Stitch Plate with inch markings, is useful when quilting. For Optional Stitch Plates, see Accessory User's Guide.



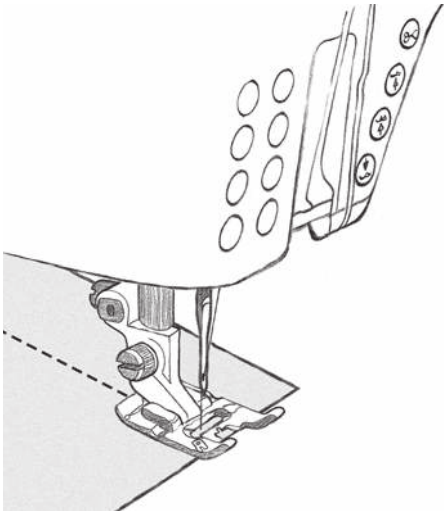

## The Stitch d-Card

Follow the instructions above, but instead of consulting the Sewing Advisor, select a stitch directly from one of the Stitch d-Cards.

# Finish Sewing

- Lift your foot from the foot control.

  **Note:** If you are sewing without using the foot control, stop the machine by touching START STOP.
- Touch the Thread Cutter . Quilt Designer II cuts the top and bobbin threads. The presser foot and the needle are automatically raised to up position.



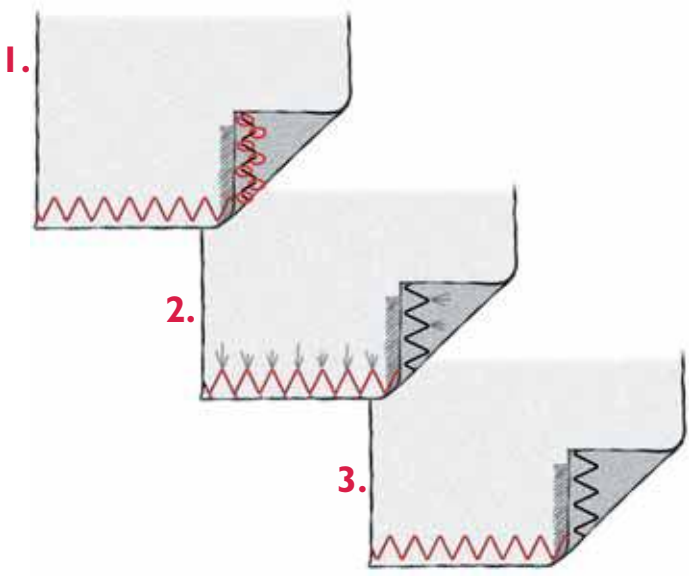
# Thread Tension

The Sewing Advisor will automatically set the thread tension for the selected fabric and sewing technique. To set the tension for special fabrics and/or techniques, see page 20.

To understand the correct thread tension, sew a few sample zigzag stitches at different settings. The thread tension is set in SET 1.

1. Begin with a tension that is too loose, i.e. set at the lowest number. The lower thread will lie straight and the upper thread will be drawn down on the underside.
2. If you set the tension at the highest number, the opposite will occur, and the seam may pucker.
3. The correct thread tension is set when the threads interlock in the middle of both layers of material or, in the case of decorative stitches, on the underside.

Make a few tests on a scrap piece of the fabric you are going to sew and check the tension.



# Utility Garment Sewing



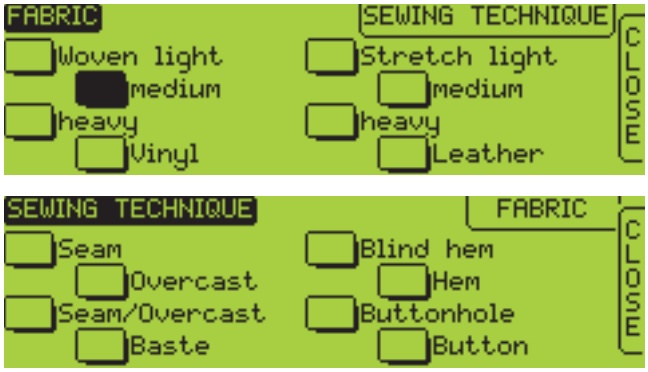
# Sewing Advisor

*Your Quilt Designer II sewing machine features the exclusive Husqvarna Viking Sewing Advisor.*

*When beginning a sewing project, touch the Sewing Advisor tab. A fabric menu appears on the Touch Screen. Touch your fabric type and weight. Immediately the sewing technique menu appears. Touch the technique you desire to sew.*

*The Sewing Advisor sets the best stitch, stitch length, stitch width, thread tension, presser foot pressure and sewing speed for your project. What a timesaver!*

*Your Husqvarna Viking Sewing Advisor is always active when sewing from a Stitch d-Card (except when programming or embroidering).*




## Fabric Selection

### Woven or Knit

The difference between woven and knit fabric is the way the threads are put together. Woven fabrics are made of two thread systems, warp lengthwise and weft crosswise that intersect at right angles. A knit fabric is made of one thread system with interlaced stitches. A knit fabric is elastic.

As a general rule, enter Woven for stable fabrics that have no stretch and Stretch for fabrics that have stretch.

*Woven light:* for chiffon, organza, batiste, silkies, wool challis, etc.

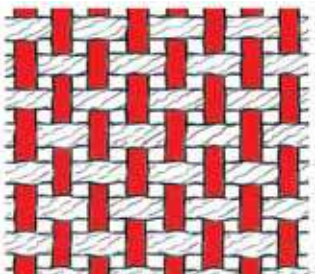
*Woven medium:* for calico, quilting fabrics, wool crepe, and broadcloth, etc.

*Woven heavy:* for denim, wool suit and coating, canvas, etc.

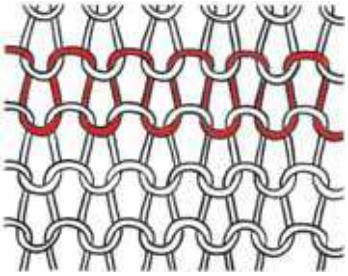
*Stretch light:* for charmeuse nylon, single knit jerseys, etc.

*Stretch medium:* for double knit, plush, swimwear, etc.

*Stretch heavy:* for sweater knits, fleece, etc.



*Woven fabric*



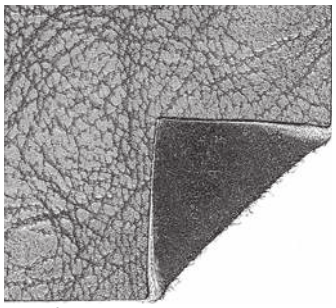
*Knit fabric*



## Leather

Leather is animal skin with the coat (fur) removed. Leather can be smooth or sueded and has some give.

*Leather:* for suede and real leather.

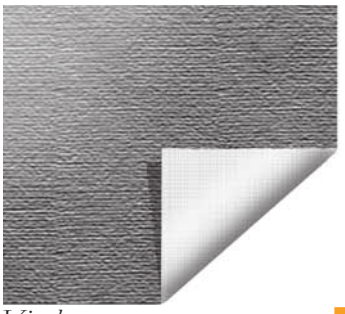


*Leather*

## Vinyl

Vinyl is a synthetic material which often has a woven wrong side. Vinyl can be smooth or patterned and some vinyl has give.

*Vinyl:* for artificial leather and suede.



*Vinyl*

## Thread

### All Purpose sewing Thread

Made of synthetic, cotton or cotton covered polyester. Used for sewing garments and textiles.



### Embroidery Thread

Made of various fibers, rayon, cotton, acrylic. This thread creates a smooth glossy appearance for embroidery and other decorative stitching.

When embroidering or sewing decorative stitches, use embroidery bobbin thread.



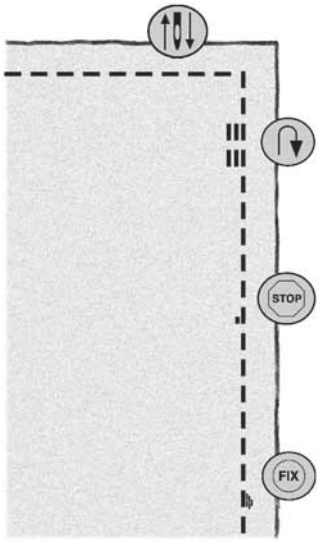
### Invisible Thread

Single clear synthetic thread. Used for quilting and other decorative sewing.

*As you read the following instructions, sew the step by step exercises to learn your Husqvarna Viking Quilt Designer II sewing machine to the fullest.*

## Use the Function Buttons

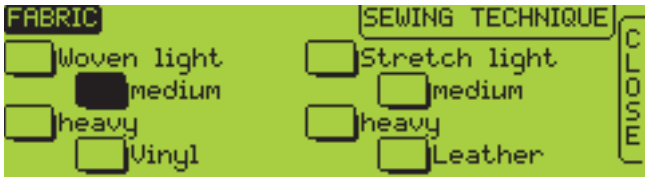
- If you need to adjust fabric, touch Pivot .
- Touch Needle stop down . When stopping the machine, Sensor Foot raises to the pivot position with the needle in the fabric. This is very useful when you need to pivot the fabric.
- Touch to lock stitch. This button is also touched when you want Quilt Designer II to sew in reverse.
- Touch STOP to finish a stitch and automatically sew a few stitches in place to tie off and stop.
- Touch FIX to lock the stitches with tiny straight stitches that sew back and forth slightly.
- After having finished the seam, touch . The thread cutter cuts top and bobbin threads. The presser foot raises to remove fabric.

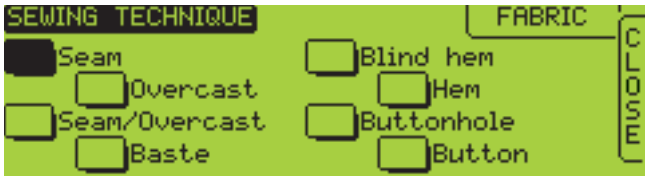


## Seam

A seam sews two pieces of fabric together with a seam allowance that will usually be pressed open. In most cases edges of the seam allowance are finished with an overcast stitch before sewing the seam.

Seams in stretch fabric must stretch with the fabric. The Lightning Stitch (Stretch Stitch) makes a stretchy seam that is suitable for sewing together pieces of light stretch fabric.




### Woven Fabric

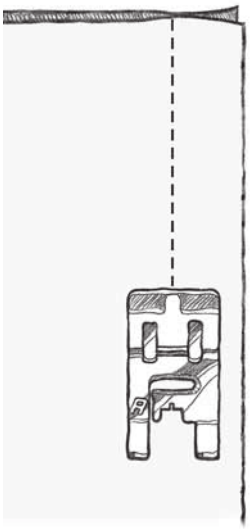
**Fabric:** Woven medium, cut in two.

**Touch:** Sewing Advisor tab on the Touch Screen. Enter Woven Medium fabric and Seam technique. (The Sewing Advisor selects a straight stitch.)

**Use:** Presser foot A and Size 80 needle as recommended.

**Sew:**

- Place fabrics right sides together. Put the fabric in position under the presser foot. Line up the edge with the 5/8" (15 mm) seam guide.
- Step on the foot control. The Sensor Foot lowers automatically.
- Stitch a seam. Touch ✂ when finished.



### Stretch Fabric

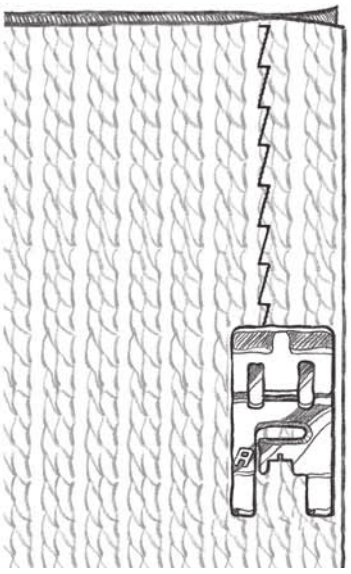
**Fabric:** Stretch light, cut in two.

**Touch:** Sewing Advisor tab on the Touch Screen, Stretch Light fabric and Seam technique screen. (The Sewing Advisor selects a lightning stitch.)

**Use:** Presser foot A and Size 75 stretch needle as recommended.

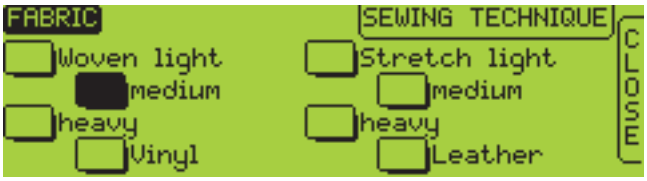
**Sew:**

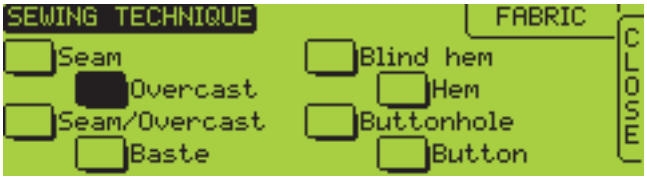
- Place fabric pieces right sides together. Put the fabric in position under the presser foot. Line up the edge with the 3/8" (10 mm) seam guide.
- Step on foot control. The Sensor Foot lowers automatically. If you need to adjust fabric, touch Pivot ↕.
- Finish the seam and, touch ✂.



## Overcast

Overcast fabric edges to prevent fraying and to help them lay flat. It is easiest to overcast before the garment is sewn together. Presser foot J is recommended for light and medium weight fabric to prevent puckering along the edge. Presser foot B is used for heavy weight fabric. Your Sewing Advisor will select the best length and width for the fabric weight and recommend the presser foot.

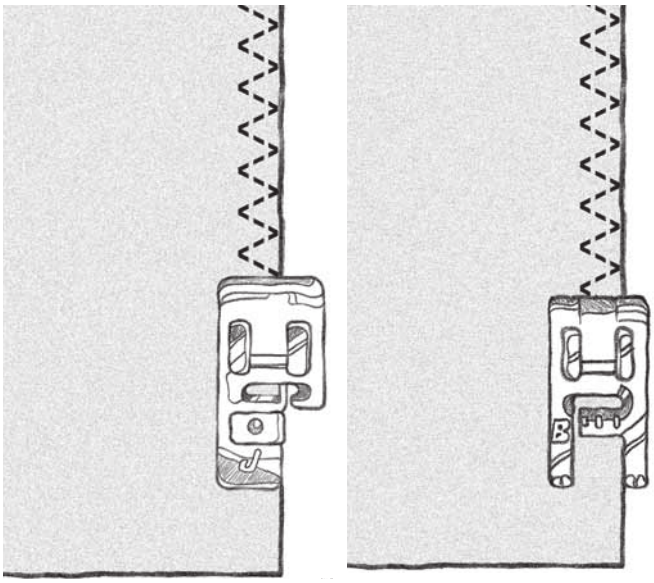



**Fabric:** Woven medium

**Touch:** The Sewing Advisor tab. Choose Woven Medium fabric and Overcast technique. (The Sewing Advisor selects a three-step zigzag stitch.)

**Use:** Presser foot J and size 80 needle as recommended.



Place the edge of a single thickness of fabric under presser foot J with the pin on the foot along the edge of the fabric. The three step zigzag stitch sews over the pin to keep the edge of the fabric flat.

If you need to adjust fabric, touch Pivot .

**Sew:**

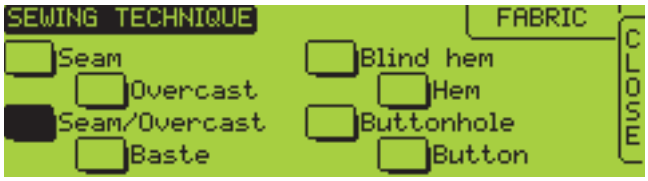
- Step on foot control. The Sensor Foot lowers automatically.
- Sew to overcast the edge of the fabric.
- Touch .

**Note:** It is not necessary to overcast leather or vinyl, but the Sewing Advisor gives you the possibility. Touch Leather or Vinyl fabric and Overcast technique on your Sewing Advisor. (The Sewing Advisor selects a zigzag stitch).

## Seam and Overcast

The Seam/Overcast stitch sews the seam and overcasts the edge all at one time. This saves time. There are a number of different Seam/Overcast stitches on your Quilt Designer II. Your Sewing Advisor will select the best one for your fabric and make all adjustments automatically.



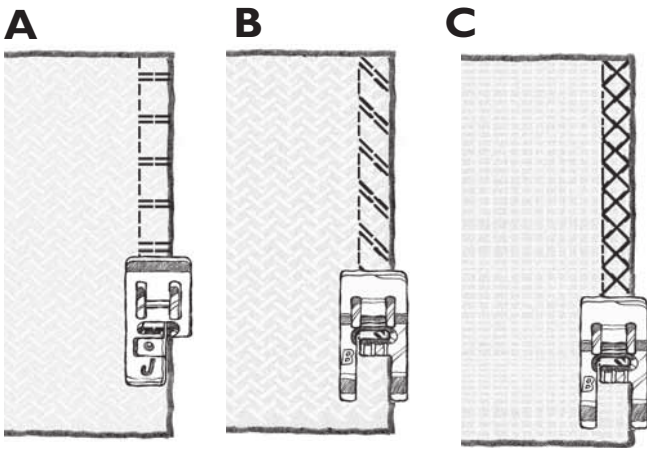

**Fabric:** Stretch light, cut in two

**Touch:** Stretch Light fabric and Seam/Overcast technique on the Sewing Advisor (A).

**Use:** Presser foot J and size 75 stretch needle as recommended.

**Sew:**

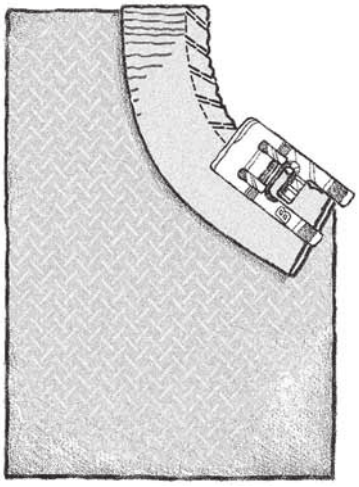
- Place fabric pieces right sides together. Put the fabric in position under the presser foot with the pin on the foot along the edge of the fabric.
- Step on foot control. The Sensor Foot lowers automatically.
- If you need to adjust fabric, touch Pivot .
- Seam/Overcast along one edge
- Touch .




**Repeat** the Seam/Overcast technique on stretch heavy fabric (B) and on woven heavy fabric (C). Your Sewing Advisor will select the best stitch, length, width, tension, presser foot pressure and sewing speed for each fabric type. Follow other recommendations given on the Touch Screen.

## Seam/Overcast for Ribbing

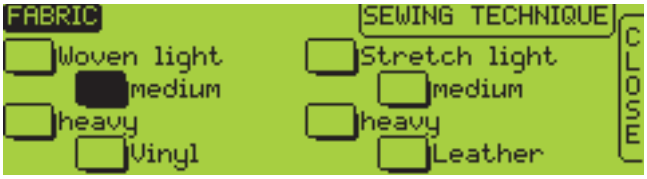
The Seam/Overcast technique is perfect for stitching ribbed neckbands and cuffs. Cut a mock neckline in a stretch medium fabric, touch Stretch medium and Seam/Overcast on the Sewing Advisor and sew a piece of ribbing to the mock neckline with a 1/4" (6 mm) seam allowance, stretch ribbing as you sew.

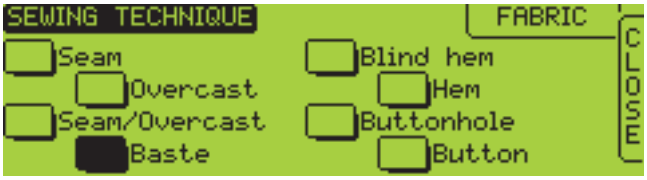


## Baste

Basting is temporary stitching for fitting garments, gathering (see page 38) and marking.

The Sewing Advisor automatically sets a long stitch length and reduces the tension so the threads are easy to remove or to pull for gathering.




**Fabric:** Woven medium, cut in two.

**Touch:** Woven medium fabric and Baste technique.

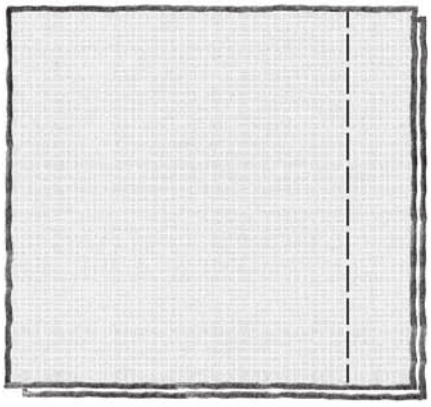
**Use:** Presser foot A and size 80 needle as recommended.

Place the fabrics right sides together. Put the fabric in position under the presser foot.

**Seam allowance:** 5/8" (15 mm).

**Sew:**

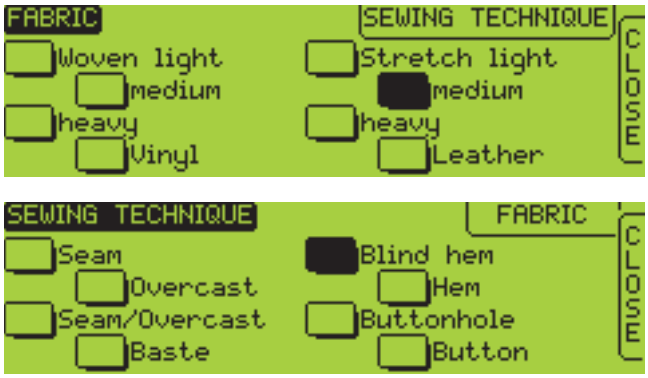
- Step on foot control. The Sensor Foot lowers automatically.
- If you need to adjust fabric, touch Pivot.
- Stitch along seam line.
- Touch.
- Pull bobbin thread to remove stitching.



## Blind Hem

The blind hem creates an invisible hem on garments. There are two types of blind hem, one is recommended for medium to heavy woven fabrics, the other for stretch.

The blind hem is not suggested for light weight fabric, but your Sewing Advisor will select the best stitch possible.




**Fabric:** Stretch medium

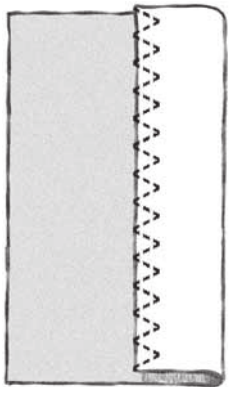
**Touch:** Stretch medium fabric and Blind hem technique in the Sewing Advisor.

**Use:** Presser foot D and size 90 stretch needle as recommended.

Fold a 2" (50 mm) hem along one fabric edge place pins in place perpendicular to the hem with the hem to first entry of the pin about 1/4" (6 mm) from the hem edge.

Hold the fabric wrong side up with the hem to the right.

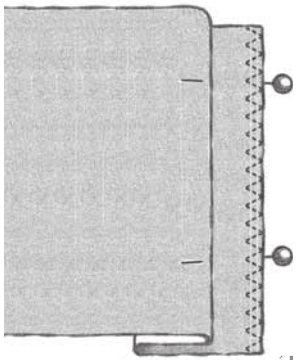
Fold the hem under to the right side, leaving about 1/4" (6 mm) of the hem extending to the right. You will sew on this extension.

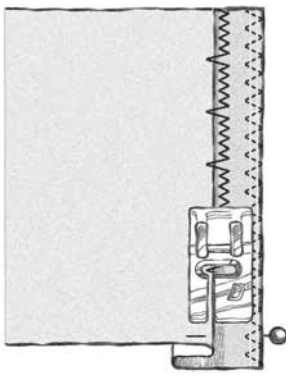


**Sew:**

- Place the fabric under presser foot D with the folded edge against the right toe of the foot.
- Step on the foot control. The Sensor foot lowers automatically. Be sure to remove the pins before you sew over them. Do not try to sew over pins. Touch Pivot and adjust fabric if necessary.
- As the large zigzag swings to the left, it should barely catch the fold. Generally the Sewing Advisor will choose the correct width. Adjust the stitch width if necessary.

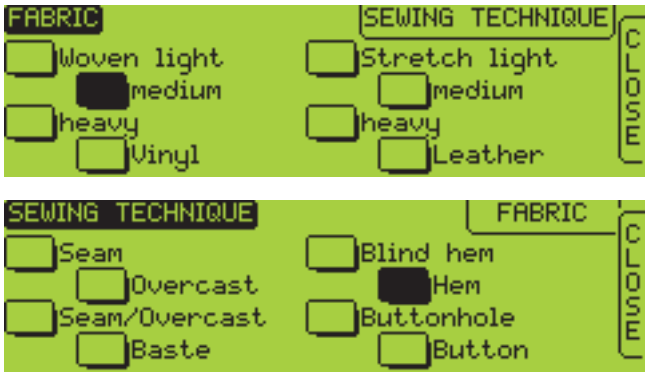
  If too much fabric is caught, go to ADJUST to narrow the width (−). If the zigzag is not catching the fold, widen (+) the width.
- Touch .





## Hem

The Hem technique on your Sewing Advisor will select the visible or topstitch hem that is best for your fabric weight and type. For woven fabric, leather and vinyl, a straight stitch is selected. For stretch fabrics, elastic stitches are selected.



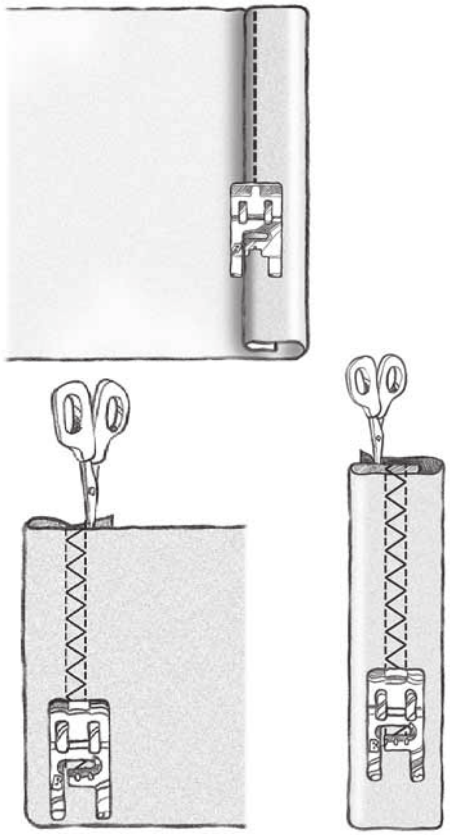

**Fabric:** Woven medium

**Touch:** Woven medium fabric and Hem technique.

**Use:** Presser foot A and size 80 needle as recommended.

**Sew:**

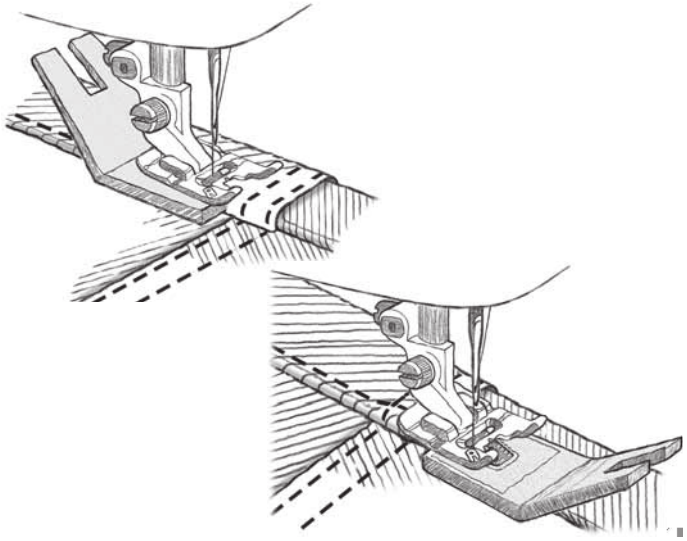
- Fold and press a 3/8" (10 mm) hem fold and press another 3/4" (20 mm) hem. Put the fabric in position under the presser foot.
- Touch Pivot and adjust fabric if necessary. Step on the foot control. The Sensor Foot lowers automatically.
- Sew along the hem edge.
- Touch .



**Repeat** this technique on a Stretch medium fabric. The Sewing Advisor selects a flatlock stitch. Follow other recommendations given on the Touch Screen.

Fold a hem to the wrong side and stitch with flatlock stitch on the right side. Trim away excess fabric.

Use this technique for belt loops too.



When sewing over seams in extra heavy fabric or a blue jeans hem, the foot can tip as the machine climbs over the seam. The needle can hit the tipped foot and break. In this case, use the clearance plate to balance the height of the hem as you sew.

Place the clearance plate behind the foot as you approach the hem and in front of the foot as you sew over the hem thickness. Remove the clearance plate before sewing in to it.

## Buttonhole

The Sewing Advisor will select the best buttonhole and stitch settings for your fabric. Fabric should be interfaced and/or stabilized where buttonholes are to be sewn. Mark the buttonhole placement on your fabric with your Pictogram pen™.

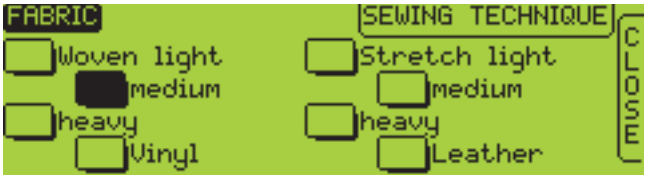
You can also select your buttonhole from Stitch d-Card A1 (see page 44). A buttonhole Stitch d-Card (B1) with additional buttonhole styles is an optional accessory.

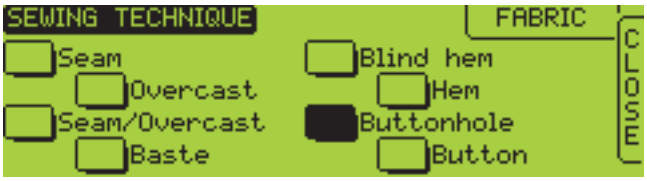
**Fabric:** Woven medium and stabilizer

**Touch:** Woven medium fabric and Buttonhole technique.

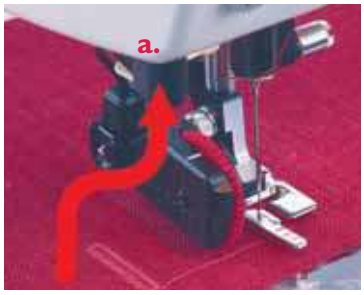
**Use:** Size 80 needle as recomended. Snap on the Sensor Buttonhole Foot as indicated on the Touch Screen by the wheel symbol next to the foot. Plug the cord into the socket in the left front underside corner of the machine (a). Line up the white range on the side of the wheel with the white marking line on the foot.

In ADJUST you can enter the buttonhole size with the + or − button. Average buttonhole sizes are: 16 mm (5/8"), 20 mm (3/4"), 24 mm (1"). Maximum buttonhole size when using the Buttonhole Sensor Foot is 50 mm (2").

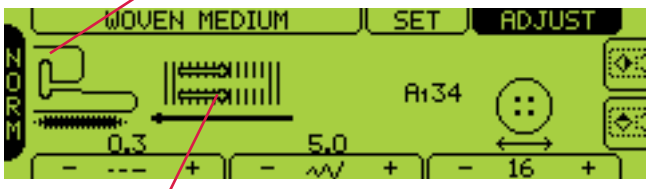



*Sensor Buttonhole Foot socket*



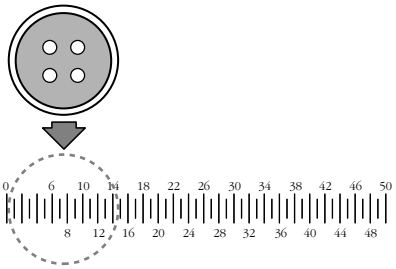

*Icon for Sensor Buttonhole Foot*




*Arrows indicating sewing direction for a satin stitch buttonhole*

*Enter buttonhole size*

Many button packages list the size or use the Buttonhole Rule (see illustration). The buttonhole size needed will vary with the thickness and style of your button. Always stitch a sample buttonhole on scraps first.

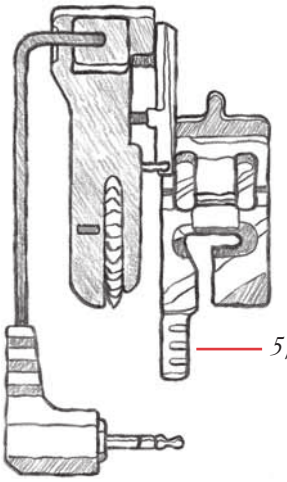



*Buttonhole Rule*

**Sew:**

- Fold fabric in two and place stabilizer underneath.
- Place fabric under Sensor Buttonhole Foot. The measurement wheel can be raised to a stop by lifting the toe of the foot, which makes it easier to place the fabric under the presser foot.

  Use the markings on the left toe of the Sensor Buttonhole Foot to position the garment edge. Place the edge of the garment at the middle mark to have 5/8" (15 mm) from the edge to the buttonhole.

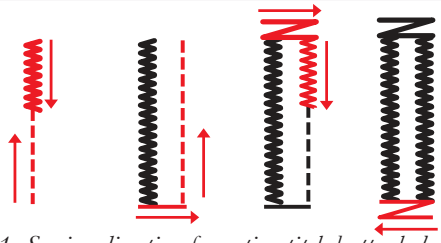


*5/8" (15 mm) Buttoning Edge*

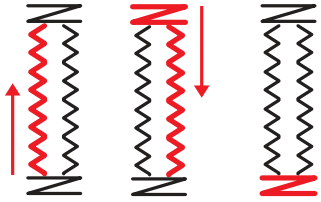
- Step on the foot control, the Sensor Buttonhole Foot lowers automatically. A straight stitch is sewn away from you indicating the left buttonhole column, then the satin column is sewn toward you. This is repeated for the right column. The bartacks are automatic (Illustration 1). Keep the foot control depressed until the Thread Cutter cuts the threads and the Sensor Button-hole Foot is raised.

  When sewing buttonholes without satin stitches or when using presser foot C, the sewing steps are different (there is no straight stitch step). See Illustration 2.

**Note:** If you are sewing buttonholes at a very narrow area, snap on the standard foot C and follow the step by step buttonhole instructions on page 44.



*1. Sewing direction for satin stitch buttonholes sewn with the Sensor Buttonhole Foot*



*2. Sewing direction for buttonholes without satin stitches or satin stitch buttonholes sewn with presser foot C*

## Button

Sew buttons, snaps, hook and eyes quickly with your Quilt Designer II.

**Fabric:** Woven medium

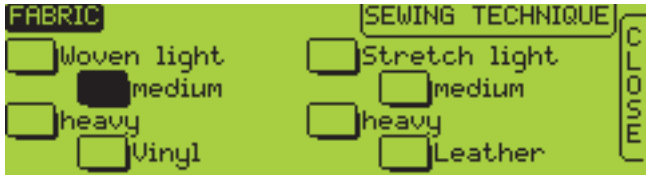
**Touch:** Woven medium fabric and Button technique in the Sewing Advisor.

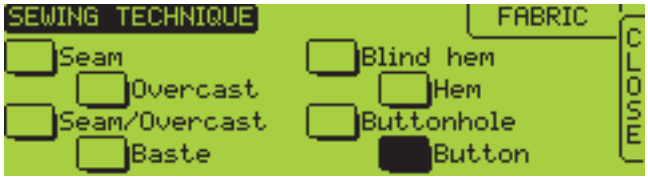
**Use:** Size 80 needle and the clearance plate to create a thread shank as recommended. Snap off presser foot. Lower the feed teeth as recommended by the help Pop-up.

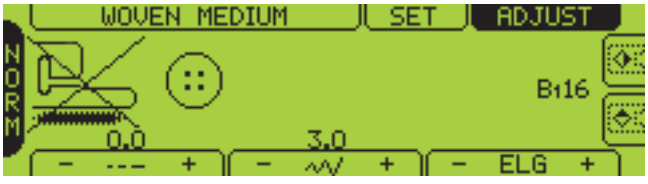
**Sew:**

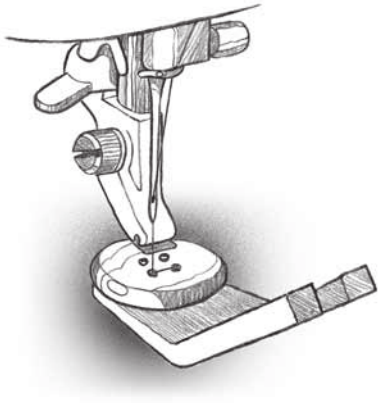
- Place the thin end of the clearance plate under button when sewing on light fabrics. Hold in place with transparent tape. Use the thick end for heavier fabrics.
- Place under ankle with the holes in the button lined up with the swing of the needle. Touch Pivot. Check the swing of the needle by turning the hand wheel by hand to be sure the needle will not hit the button. Bring the needle down into the hole of the button.
- Zigzag button in place with 6 to 8 stitches.
- Touch to tie off. Touch STOP to repeat for the next button.
- Raise feed teeth when button sewing is completed.

**Note:** The width of the zigzag is set for most buttons. If you sew a tiny button or a very large coat button, touch ADJUST and increase (+) or decrease (−) the stitch width until the swing of the needle sews in the holes of the button or snap.



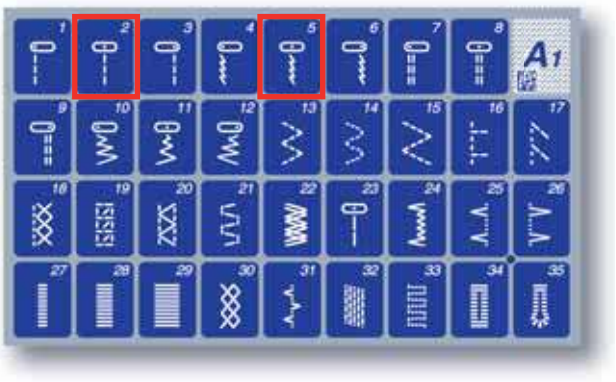



# Utility Sewing

*Stitch d-Card A1 includes Utility Stitches. Utility stitches are the stitches selected by the Sewing Advisor and a row of additional stitches which are described on the following pages. When you have inserted the Stitch d-Card in the machine (see page 17), touch the picture of the stitch to select it.*

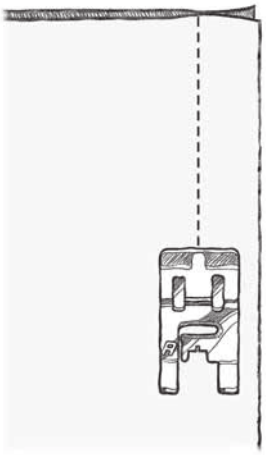
*If needed, make adjustments in stitch length and width in the ADJUST Menu and change thread tension and presser foot pressure in the SET Menu.*



## Straight Stitch

**Touch:** Woven medium in the Sewing Advisor. Insert Stitch d-Card A1 and select Straight Stitch (A102).

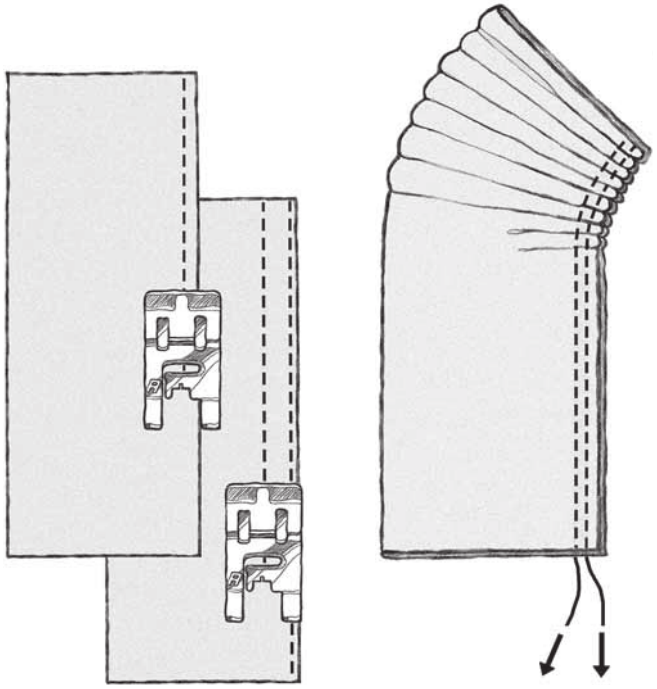
Your Quilt Designer II will automatically make the standard settings. The Touch Screen will show you all information you need to get the best result.



## Lightning Stitch (Stretch Stitch)

**Touch:** Stretch light in the Sewing Advisor and select Stretch Stitch (A105) from the Stitch d-Card A1. Your Quilt Designer II will automatically make the standard settings. The Touch Screen will show you all information you need to get the best result.

Straight stitch can also be used for topstitching. For a more visible topstitch, lengthen the stitch and use heavier thread with larger size needle. The Lightning Stitch is ideal for top-stitching in light stretch fabrics.

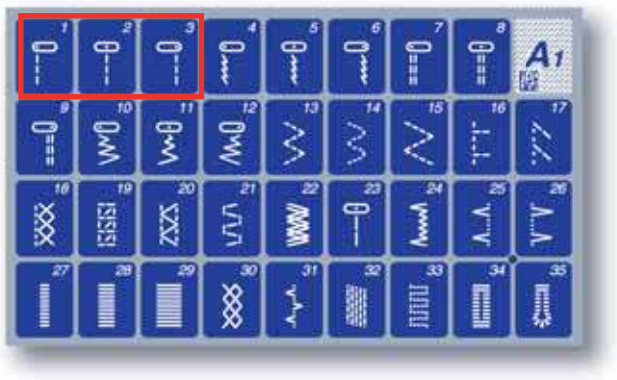


## Gathering

A basting stitch is also used for gathering.

- Touch ADJUST to select stitch length of 3.5 to 6.0 for gathering. Use shorter stitch length for lighter weight fabrics.
- Place a single thickness of fabric under the presser foot and stitch.
- Stitch a second row next to the first.
- Pull both bobbin threads to gather fabric. Be careful not to pull them out.

## Twenty-five Needle Positions



Your Quilt Designer II has twenty-five different needle positions for the most accurate seaming and topstitching ever. When sewing straight stitch or reinforced straight stitch, the needle positions can be adjusted in steps. Take advantage of the different needle positions to edge stitch and top- stitch.

**Fabric:** Woven medium

**Touch:** Woven medium on the Sewing Advisor, and stitch A102.

**Use:** Presser foot A and size 80 needle as recommended.

**Sew:**

- Fold fabric in two and put it in position under the presser foot. If you need to adjust fabric, touch Pivot. Step on foot control. The Sensor Foot lowers automatically.
- Touch ADJUST. Touch stitch width + to move the needle 12 steps into the left needle position = Stitch A101.

  Touch to move needle 24 steps into the 6.0 right needle position = Stitch A103.

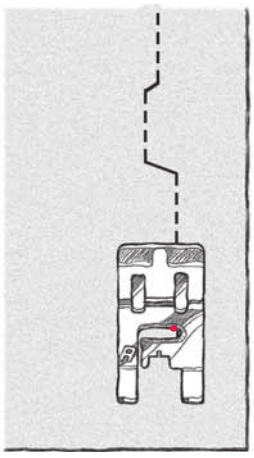
  Touch stitch width − to move needle back to center position.

Each touch on stitch width (+ or −) corresponds to a 0.25 mm adjustment of the needle position.

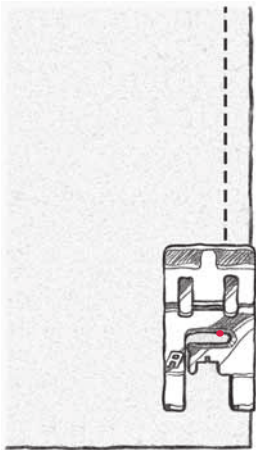
To sew about 1/4" (6 mm) from the edge, touch stitch A103 and adjust the stitch width to 3.5. Snap on presser foot A and place the edge of the fabric so that it follows the outside right edge of the foot and sew.

To get the maximum feeding when edge stitching close to the edge, place the fabric and sew with left needle position (A101) so that the edge follows the inside right edge of the presser foot D, or the first mark of the left edge of the presser foot A.

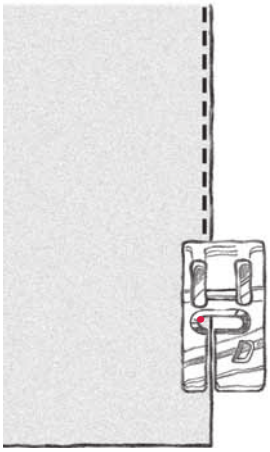
Use presser foot A when sewing light fabrics and presser foot D for other fabrics.



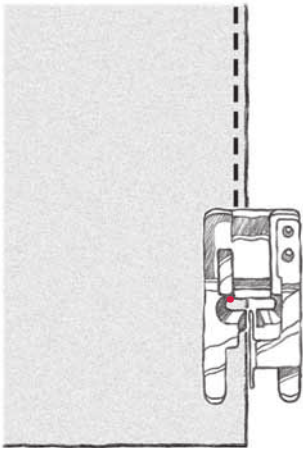
*Presser foot A*



*Presser foot A*



*Presser foot D*



*Optional Edge Stitching Foot*

Snap on the optional Edge Stitching Foot or Edge Joining Foot for topstitching with different needle positions. The flange guides the edge of the fabric.

## Center Zipper



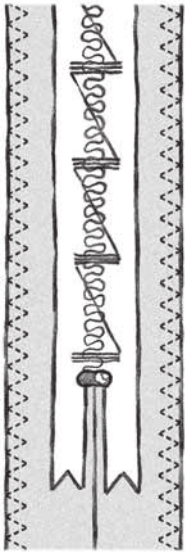
**Fabric:** Woven medium

**Use:** Size 80 needle.

**Touch:** Woven medium fabric and Seam technique. Sew the two fabrics together along the 5/8" (15 mm) seam line up to the notch at the zipper placement.

**Touch:** Baste on the Sewing Advisor and baste the zipper area of the seam together. Press the seam open. Place the zipper right side to the pressed open seam allowance. Close the Sewing Advisor.

**Touch:** Free motion stitch V102 (zigzag) in SET 4 to bar tack baste zipper in place. Lower the feed teeth by turning the dial to ▬ . Move the fabric to stitch a series of bar tacks over the zipper to hold it in place. Turn the feed teeth dial to sewing position ▲▲▲ .



**Insert:** Stitch d-Card A1, touch stitch A101 for left needle position straight stitch.

**Snap on:** Presser foot E so the needle is on the left side of the foot. There are two bars on the foot so you can snap on the foot to the right or left of the needle. Place fabric under the foot right side up with the zipper foot on the right side of the zipper.



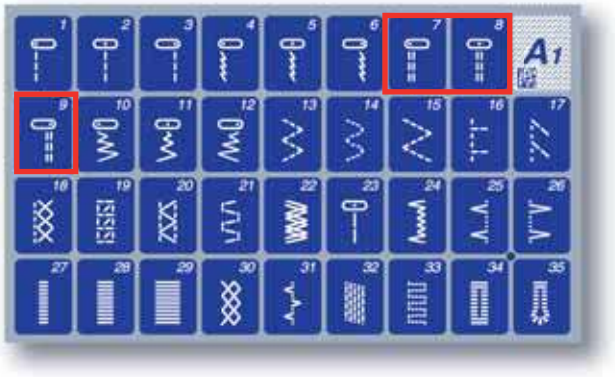
**Sew:**

- Step on the foot control. The Sensor Foot lowers automatically.
- If you need to adjust fabric, touch Pivot .
- Begin stitching across the bottom, pivot and stitch the right side of the zipper to the top.
- To avoid fabric shifting, sew the left side of the zipper in the same direction, touch A103 for right needle position straight stitch. Snap on zipper foot E so the needle is on the right side of the foot.
- Begin stitching across the bottom, pivot and stitch the left side of the zipper sewing from the bottom to the top.
- Remove bartacks and basting stitch.



**Note:** To adjust the position of the stitching line, adjust the needle position. Touch ADJUST, touch stitch width − (minus) to move the needle towards the center position.

## Reinforced Straight Stitch



The reinforced straight stitch is stronger than ordinary straight stitch, due to the fact that the stitch is triple and elastic. The reinforced straight stitch can be used for for all heavy fabrics, for crotch seams that are subject to considerable strain and for topstitching in heavy fabrics.

Repair garment seams in stress areas with this stitch.

**Fabric:** Woven heavy

**Touch:** Woven heavy fabric in the Sewing Advisor and Stitch A108.

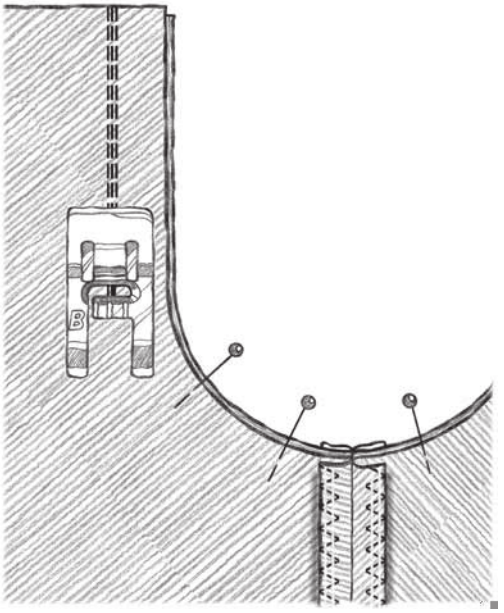
**Use:** Presser foot B and size 80 needle as recommended. Put the fabric in position under the presser foot.



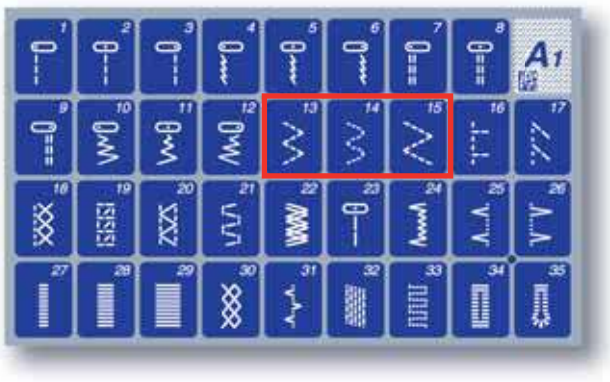
**Sew:**

- Step on foot control. The Sensor Foot lowers automatically. If you need to adjust fabric, touch Pivot .
- Stitch 5/8" (15 mm) from the bias fold edge.
- Touch A107. Touch ADJUST and increase stitch length to 4.5. You may use presser foot D and sew a row of topstitching along the edge of the fold.
- Touch .

Increase the stitch length on the Reinforced Straight Stitch for impressive topstitching.



## Multiple ZigZag Stitches

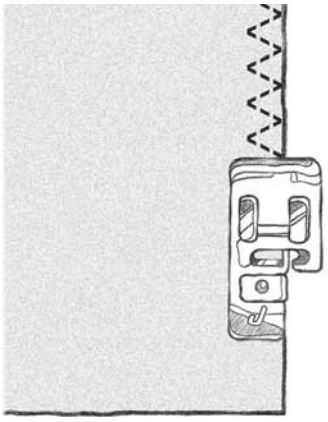


The multiple zigzag stitches on Stitch d-Card A1, look like a zigzag stitch with straight stitches in the "zig" and the "zag" of the stitch. Stitch A113, three-step zigzag, is up to 1/4" (6 mm) wide and suitable for light and medium fabrics. Stitch A115 is a 7/16" (9 mm) wide multiple zigzag, used for loosely woven and heavy fabrics.

Use these stitches for overcasting, butting two edges together to join them, mending tears and other special finishing.

Stitch A114 is a serpentine stitch used for mending and darning stretch fabrics.

**Touch:** Woven Medium in the Sewing Advisor and select the stitch A113, three-step zigzag. Your Quilt Designer II will automatically make the standard settings. The Touch Screen will show you all information you need to get the best result.



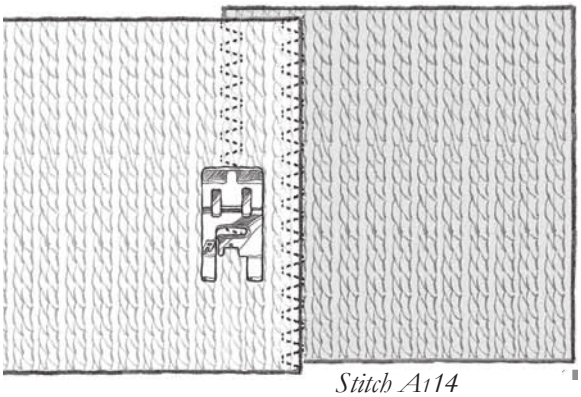
*Stitch A113*

**Use:** Presser foot A, or if overcasting, presser foot J (Presser foot J prevents stitches from puckering at the edge).

Size 80 needle as recommended.

**Sew:**

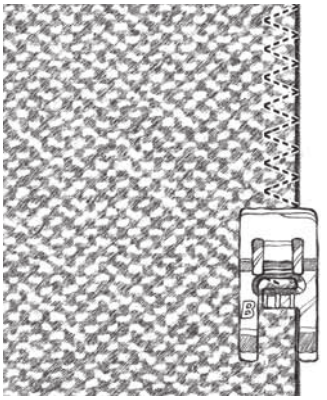
- Put the fabric in position under the presser foot.
- Step on foot control. The Sensor Foot lowers automatically.
- If you need to adjust fabric, touch Pivot .
- Sew to overcast the edge of fabric.
- Touch .



*Stitch A114*

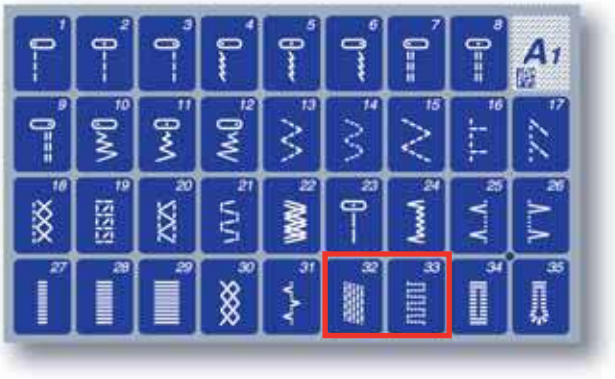
Stitch A114 - the serpentine stitch - is used to sew an overlapped seam and for mending and darning stretch fabrics.

Stitch A115 is used for loosely woven and heavy fabrics.



*Stitch A115*

# Mending and Darning



## Stitches A132-33

Darning a small hole or a tear before it becomes larger can save a garment. Choose the finest thread in the closest color match possible.

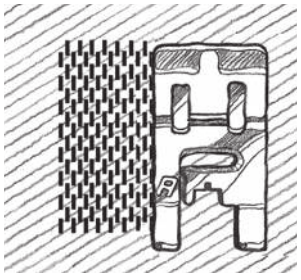
**Fabric:** Woven medium

**Touch:** Woven medium on the Sewing Advisor. Poke a small hole to darn. Select stitch A132, Darning Stitch.

**Use:** Presser foot A and size 80 needle as recommended.

**Sew:**

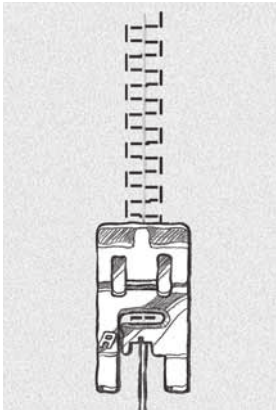
- Place fabric in position under the presser foot.
- Step on the foot control, The Sensor foot lowers automatically. Touch Pivot and adjust fabric if necessary.
- Begin sewing above the hole and sew down over it.
- Once over the hole, touch . Continue sewing. The machine will sew back and forth across the hole 12 times to darn the hole closed.
- Touch . Step on the foot control to sew again. The stitch will now repeat the same size darning square in succession and the machine will stop automatically when the stitch is completed.
- Touch .



## Patching and Tears

Stitch A133 will efficiently mend a tear.

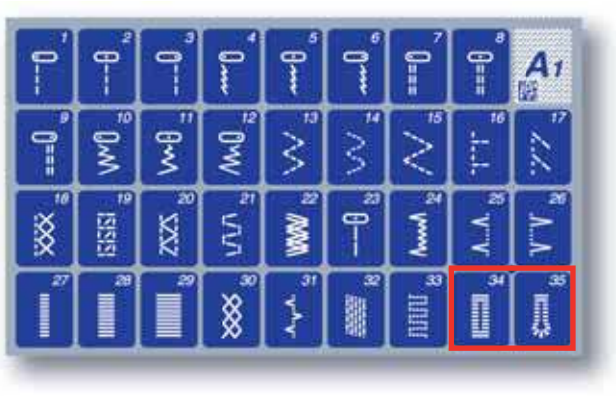
- Touch Stitch A133, which is a mending stitch. Stitch over the tear to mend it. Begin at the top of the tear and sew to the edge of the fabric.



## Buttonholes

*On your Quilt Designer II Stitch d-Card A1, select from two different buttonhole styles. Select the Bartack style (A134) for most buttonhole sewing and the Keyhole style (A135) for tailored jackets. An optional Stitch d-Card (B1) features several additional buttonhole styles.*

*By using the Sensor Buttonhole Foot that mea-sures as it sews, every buttonhole will be the same size (see pages 36-37). The buttonholes on your Quilt Designer II are shown to the right.*

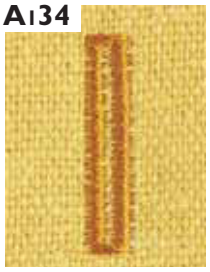


**A134** Bartack Buttonhole for most fabric weights.

**A135** Keyhole Buttonhole with square end for tailored jackets, coats, etc.

**Note:** There are three additional buttonholes included with the machine. There is one buttonhole for light weight fabrics, one reinforced buttonhole for heavy fabrics and one buttonhole for leather. These buttonholes will be selected by the Sewing Advisor (see page 36, Buttonhole).

**A134**

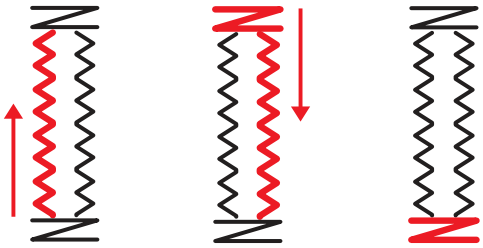


**A135**

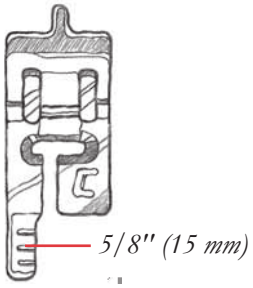


## Step by Step Buttonhole

Use the step by step buttonhole when the fabric is too narrow and/or uneven for the wheel on the Sensor Buttonhole Foot to turn smoothly.



- Select a buttonhole and snap on Presser Foot C.
- Begin sewing buttonhole, the machine will sew the left column in reverse. The buttonhole foot has guide lines to determine the buttonhole length. Use the guide lines on the left toe of the Buttonhole Foot to position the garment edge. When the buttonhole is the desired length, touch (bar tack). The machine will bar tack the end and stitch the right side.
- Touch (bar tack) to bartack and tie off. Keep the foot control depressed until the machine ties off and stops sewing. The Thread Cutter cuts the threads and raises the presser foot automatically when the buttonhole is completed.



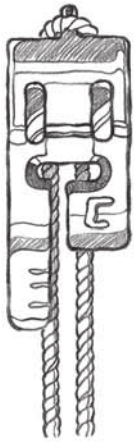

## Cutting Buttonholes

Cut buttonhole open with the seam ripper. Place a straight pin across the end you are cutting toward to avoid cutting too far!



## Corded Buttonhole (Stretch Fabrics)

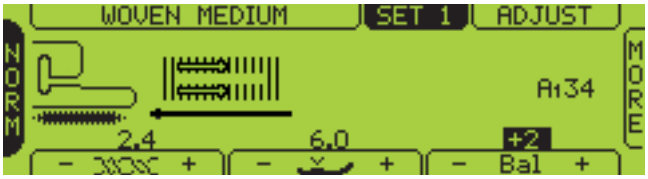
When sewing buttonholes in stretch fabrics Quilt Designer II recommends to cord the buttonhole to increase the stability and to keep the buttonhole from stretching out.



- Loop a piece of heavy thread or perle cotton over the finger at the back of the Sensor Buttonhole Foot or presser foot C.
- Stitch a buttonhole. Do not hold back the cord. The satin buttonhole columns will stitch over the cord.
- Stop sewing with the needle down before the last bartack end of the buttonhole is sewn and lift the cord off the finger and pull out the slack.
- Cross the cord in front of the needle and stitch the last bartack end of the buttonhole over the cord.
- Thread cord ends into a large needle, pull to the wrong side and knot ends before cutting excess cord.

## Buttonhole Balance

To balance the stitch density of the right buttonhole column to the left for speciality fabrics, open SET 1 when a buttonhole is selected.




- Bal + will make the stitches in the right column closer together (more dense). - Bal + will make the stitches further apart (less dense).

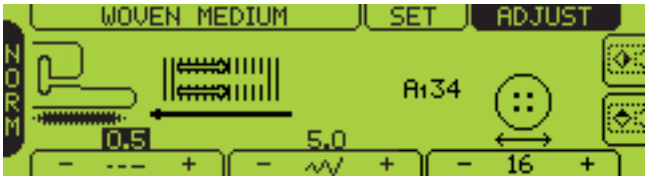
The setting will be retained until Quilt Designer II is turned off.

**Note:** Only the right side stitch column will be adjusted. Balance it to the left stitch column.

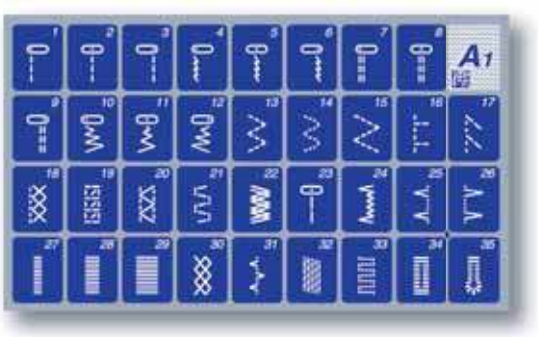
To change the stitch density of both columns, see Buttonhole Density, below.

## Buttonhole Density

To adjust the density of the buttonhole, touch ADJUST. Increase stitch length (+) to make stitch columns less dense. Decrease stitch length (−) to make stitch columns more dense. Both columns will be adjusted.



# Stitch Table - Utility Stitches



**1-3 Straight Stitch**
For all kinds of sewing in woven fabrics, 25 different needle positions.

**4-6 Stretch Stitch**
For seams in tricot and stretch fabrics.

**7-9 Reinforced Straight Stitch**
For seams which are subject to considerable strain. Use to reinforce and topstitch sportswear and working clothes. 25 needle positions.

**10-12 Zigzag**
For lace edging and sewing on bands.

**13 Three-step Zigzag**
For overcasting, mending, sewing on patches and elastics.

**14 Serpentine Stitch**
For mending and darning and elastic applications.

**15 Four-step Zigzag, 9 mm**
For overcasting, mending, sewing on patches and elastics in loosely woven fabrics.

**16 Overcast Stitch**
Seam and overcast in one step along the edge or trim later. For light stretch and non-stretch fabrics.

**17 Overlock**
Seam and overcast in one step along the edge or trim later. For medium and medium/heavy stretch fabrics.

**18 Double Overlock**
Seam and overcast in one step along the edge or trim later. For heavy stretch fabrics.

**19 Overlock Stitch**
Seam and overcast in one step along the edge or trim later. For medium stretch fabrics.

**20 Flatlock**
Decorative hems and overlapped seams, belts and bands. For medium/heavy stretch fabrics.

**21 Elastic/Casing Stitch**
For overlapped seams in tricot. To sew casing over narrow elastic.

**22 Reinforced Zigzag**
For joining fabric edge to edge or overlapping in leather.

**23 Baste Stitch**
For joining two pieces of fabric with long stitch length and reduced thread tension.

**24 Elastic Blind Hem**
Invisible hems in stretch medium and heavy fabrics.

**25 Woven Blind Hem**
Invisible hems in woven fabrics.

**26 Shell Rolled Hem**
For edgings. Sew over the edge. For light stretch fabric. Sew woven fabric on bias.

**27-29 Satin Stitch**
For appliqués, satin edge, sewing on laces and bands.

**30 Elastic Stitch**
Sew over two rows of elastic thread for shirring.

**31 Bridging Stitch**
For joining two pieces of fabric with finished edges and for elastic shirring.

**32-33 Darning Stitches**
Darn and mend work clothes, jeans, table cloths and linen towels.

**34-35 Buttonholes**
Select the Bartack style for most buttonhole sewing and the Keyhole style for tailored jackets.

# Quilting



# Quilting

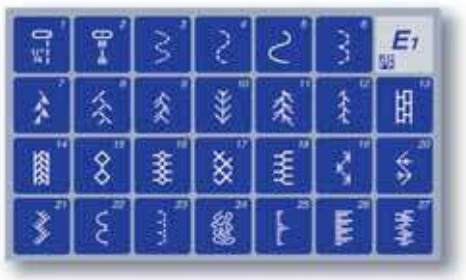
*No one really knows when quilting began. Many European immigrants brought the technique to America where patchwork quilting flourished. Quilts were both functional and commemorative.*

*The English aristocracy pieced scraps of elegant fabrics with beautiful hand embroidery for Crazy Quilting. Today you can quilt with your Quilt Designer II to create beautiful quilts and quilted garments in a fraction of the time.*



## Quilt and Appliqué Stitch d-Card E1

On Stitch d-Card E1 you find quilt and appliqué stitches.




Simulate the look of a hand quilting with stitch E102 and invisible thread. Touch stitch E124 for stipple quilting. There are also stitches that can be used for Crazy Quilting, for instance E115, E117, E120 and E121. The feather stitches (E107-12) are very typical for quilting. Stitches E103-06 are 6-9 mm wide and create beautiful rows of channel quilting.

There are four special appliqué stitches on Stitch d-Card E1. Stitch E123 imitates the look of appliqué stitched by hand. When sewing with stitch E126 and E127 you will get a beautiful shadow effect.





*Crazy Quilting*

## Hand-look Quilting

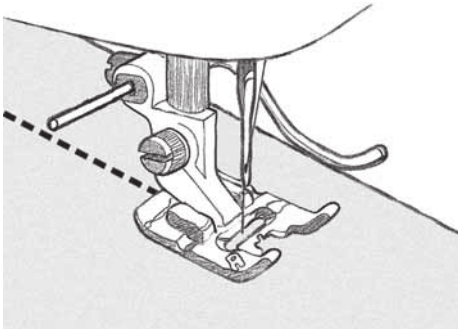
Use stitch E102 to imitate a hand-look quilting stitch. When sewing the hand-look quilting stitch, the result depends on what fabric, batting and thread you are using. The thread tension is set automatically for sewing a quilt using cotton fabric, cotton batting and Sulky 40 weight Rayon thread in the bobbin and Sulky invisible thread on top. When sewing a quilt using other fabrics/battings/threads, be sure to try the stitch on a sample first. Set the thread tension in SET 1 as needed for your project.

Stitch E123 is used when you want to sew appliqués with a hand-look touch. Thread with decorative thread to see the stitch, invisible for a stitch that is barely visible, or black thread for a "folk art" look.



*Hand-look quilting stitch (above) and hand-look appliqué stitch (right)*

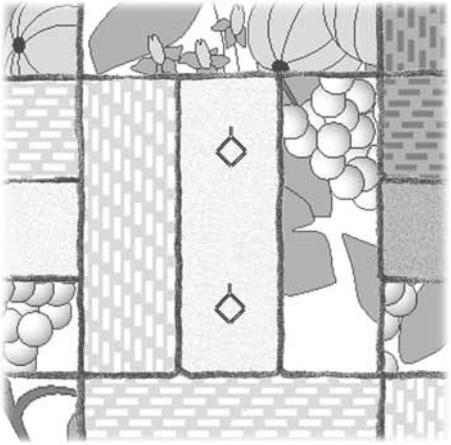
Use the Edge/Quilting guide for quilting with wide seam allowances, for top stitching, or when channel quilting. Slide the guide into the back of the ankle. Adjust from side to side to the correct position, and tighten the screw.



## Decorative Stitch Tie Quilting

Tie a quilt with a single decorative stitch.

- Touch stitch E115
- Touch STOP.
- Stitch several diamond stitches about 1" (25 mm) apart to "tie" the quilt sample.

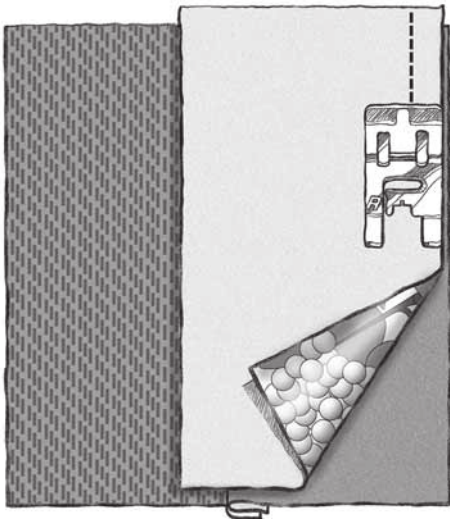


## Piecing Quilts

Stitch blocks together quickly and easily with the preprogrammed scant 1/4" (6 mm) quilter's piecing stitch.

- Place two pieces of fabric right sides together.
- Select stitch E101 and snap on Presser Foot A.
- Stitch the two fabric pieces together with the edges along the edge of the presser foot.

Quilters call this piecing the quilt block.



Snap on the optional Edge Stitching accessory foot with the flange/guide on the right side. The edge of the fabric is guided by the flange/guide.

## Free Motion Quilting and Stippling

Free motion quilting and stippling is a popular technique to stitch (quilt) layers of fabric and batting together.

Set your Quilt Designer II for free motion sewing:

Set Menu 4, touch V101. Lower the feed teeth. Snap on the R presser foot. Put in a size 90 quilting needle. Thread with clear polyester thread or a standard sewing thread in a color that matches or coordinates with the quilt. Match the bobbin thread color to the color of the quilt back.

Place the quilt under the presser foot and step on the foot control. Set the speed in SET 3 to slow- medium as you learn this technique. You move the fabric as you sew. You can mark a design to be quilted or follow the seam lines of the pieced quilt for outline quilting.

Stipple quilting is usually sewn in a solid fabric area of the quilt and is free motion stitching moving back and forth to create curvy shapes that resemble puzzle pieces.

**Note:** To free motion quilt very thick or puffy quilts, use the Sensor Q Foot (optional accessory). Set up for free motion sewing as above and select the Sensor Q Foot setting Q in SET menu 4. This sets the Sensor Foot Pressure for the Sensor Q Foot. Touch R in SET menu 4 to return to normal Sensor Foot Pressure setting.

# Log Cabin Quilt

The Log Cabin Quilt is a favorite traditional quilt pattern that is easy and fast to sew. The traditional red center blocks are said to represent the fire in the fireplace or the heart of a log cabin. The fabric colors used in the blocks are frequently sewn to create a light and a dark diagonal half, as shown in the diagram.



*Appr. size of finished quilt: 112" x 93" (2.85 x 2.35 m). (99 blocks, 9" x 9" (23 x 23 cm) in 9 rows across and 11 blocks down.*
*The pattern begins from the center square and strips or "logs" are stitched, right sides together around the center square. (Always sew the next strip on the side with the seam of the previous strip.)*

### Sewing Supplies

Light and dark cotton quilt fabrics, 44"/45" (110/114 cm) wide:

Fabric A:1/4 yd. (25 cm) for center blocks.

Fabric A: 1 yd. (90 cm) for inner border.

Fabric B: 5/8 yd. (60 cm) for log 2, 3

Fabric C: 7/8 yd. (80 cm) for log 4, 5

Fabric D: 1 yd. (90 cm) for log 6, 7

Fabric E: 1 1/4 yd. (1.15 m) for log 8,9

Fabric F: 1 2/3 yd. (1.5 m) for log 10, 11

Fabric G: 1 2/3 yd. (1.5 m) for log 12, 13

Fabric G: 2 1/2 yd. (2.25 m.) for outer border.

Fabric G: 1 yd. (90 cm) for binding.

Fabric H: 2 1/2 yd. (2.25 m.) for log 14, 15

Fabric I : 2 1/2 yd. (2.25 m.) for log 16, 17

Backing: 9 1/2 yds. (8.7 m) cotton fabric

Batting: 112" x 93" (2.85 x 2.35 m).

Neutral colored Sewing thread

Sewing thread to matching fabrics in outer logs,14,15 and 16,17.

Sewing thread matching backing

Schmetz Quilting Needles (412 40 20-01)

Safety pins for basting the quilt

Husqvarna Viking Ruler (412 66 17-01) or (412 66 15-01)

Husqvarna Viking Cutting Mat (412 66 13-01)

Olfa Ergonomic" Rotary Cutter (415 16 42-01)

1/4" (6 mm) seam allowance included in all measurements. Wash and press all fabrics before you cut and sew.

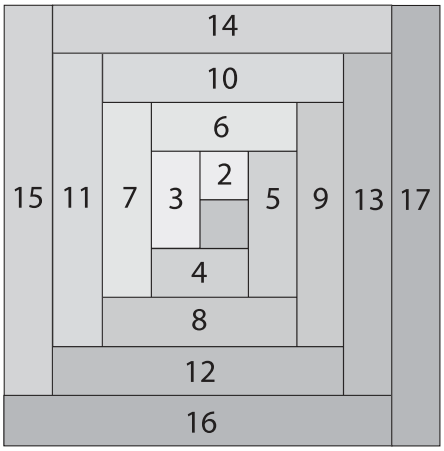
## Cut

Cut all fabrics for logs and center squares into 1 1/2" (38 mm) wide strips across fabric width.

Cut the strips from fabric A into 99 center squares, 1 1/2" x 1 1/2" (38 x 38 mm).

Cut 12 strips, 2 3/4" (70 mm) wide in fabric A for inner border.

Cut 12 strips, 7" (175 mm) wide in fabric G for outer border.



## Making the blocks:

Select Woven Light on the Sewing Advisor. Snap on presser foot A and insert stitch d-Card E1 with quilt and appliqué stitches in your Quilt Designer. Select stitch E101 for a 1/4" (6 mm) seam allowance when the fabric edges line up with the edge of the A Foot. Adjust stitch length to 1 1/2. Thread with a light color neutral sewing thread on top and in the bobbin, that will not show through the lightest fabric in the quilt.

*Illustration A*
With right sides together and raw edges aligned, place center squares on top of the first fabric strip for log 2. Stitch the center squares to the strip, right sides together. Unfold and press seam allowance towards the center square.

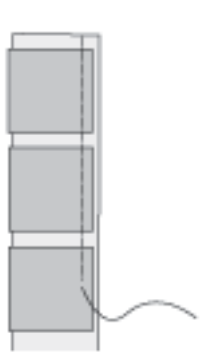


*Illustration A*

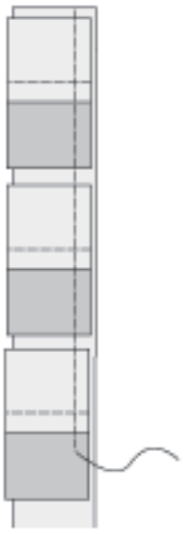


*Illustration B*

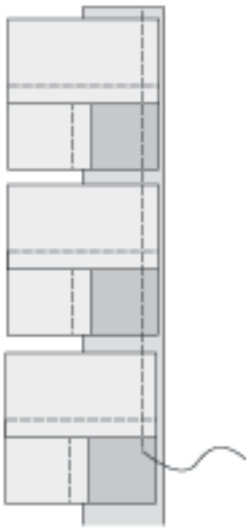


*Illustration C*

*Illustration B*
Using rotary cutter and ruler, align ruler with the raw edge of the square and cut strips even with the edges of the center square. Repeat for all squares.

Place the two-square units on top of the fabric strip for log 3 right sides together. Sew. Align ruler with raw edge of the unit and cut to form three-piece units. Repeat for all blocks. Always press seam allowance towards the center of the block.

*Illustration C, D, E*
Continue sewing logs in this way until you have used all strips and have 99 finished blocks, keeping the light colored fabrics on one side and the dark on the other as illustrated.

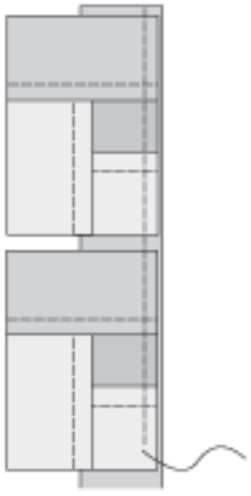


*Illustration D*

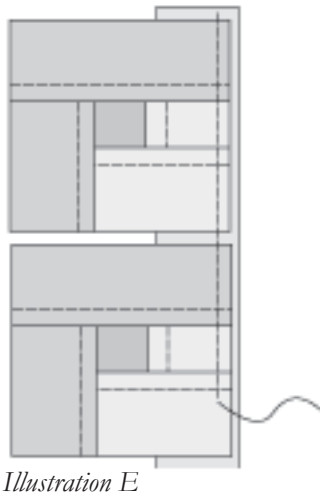


*Illustration E*

## Combining the blocks:

*Illustration F*
Check up that all 99 quilt blocks are the same size. Arrange the blocks so the light and dark creates the Straight Furrow Quilt Top as illustrated. Join the blocks, right sides together, to 9 horizontal rows with 11 blocks in each row. Press seam allowance flat open.

Sew the rows to form the quilt top. Press seam allowances open.

Measure width and length of the quilt top to determine the length of the borders.

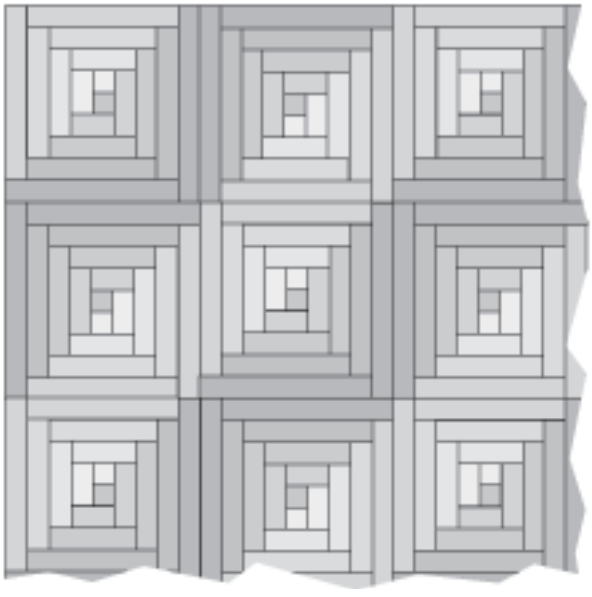


*Illustration F*

## Inner border:

*Illustration G, H*

Piece together on the diagonal, 1 strip for each side of the quilt top for inner border. To piece on the diagonal, place them right sides together on a 90 degree angle and stitch on a diagonal to eliminate bulk at the seams. Press seam allowance open and cut away excess seam allowance. Two strips need to measure at least the length of the quilt plus 8" (200 mm), and two needs to measure at least the width of the quilt plus 8" (200 mm).

Stitch a strip to all four sides of the quilt top, right sides together, leaving 4" (100 mm) of each strip, at all four corners, extending from the quilt top corners. Press seam allowances towards the quilt top.

Miter the border corners by folding the excess strips to the wrong side and finger press a diagonal fold mark. Stitch in the fold mark from the wrong side starting from the outer edge to the inner corner. Cut away excess seam allowance and press open.

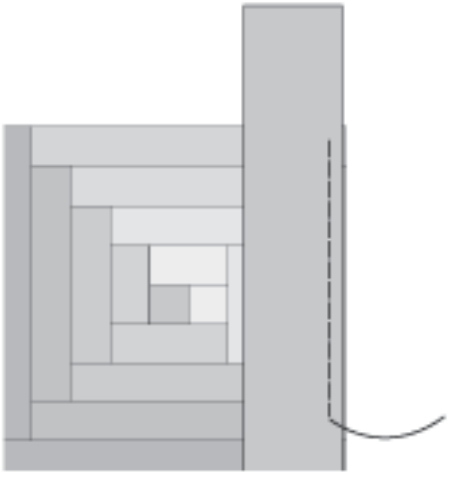


*Illustration G*

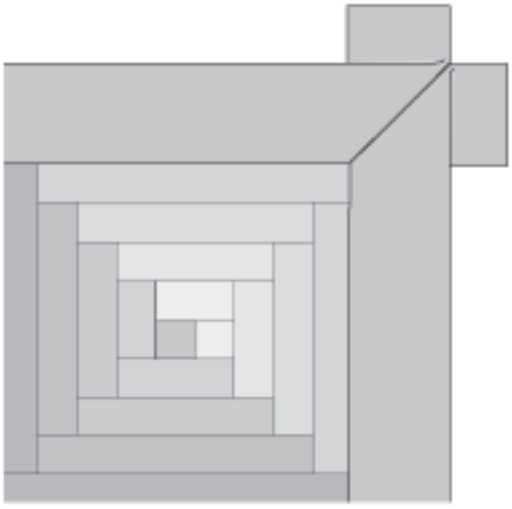


*Illustration H*

### Outer border:

Sew the outer border in the same way as the inner border but start stitching 8" (200 mm) from the edge of the strip this time. Two strips need to measure at least the length of the quilt plus 16" (400 mm), and two needs to measure at least the width of the quilt plus 16" (400 mm).

## Quilting

Piece the backing to form one piece at least the size of your quilt. Place the backing on a flat surface, wrong side up. Place the batting and the quilt top on top right side up. Safety-pin baste the layers together with two safety pins in every block.

*Illustration I*

Use presser foot A or the optional Open Toe Foot for better visibility. Select stitch A102 on stitch d-Card A1. Thread the machine with sewing thread matching the darker outer logs of the blocks on top, and sewing thread matching the backing in the bobbin. Quilt through all layers following the individual log cabin blocks as illustrated. The Sensor System feeds the layers evenly. Touch Needle Stop Down to pivot at the corners with the needle in the fabric.

The Sensor System actually "senses" the exact pivot height for the presser foot.

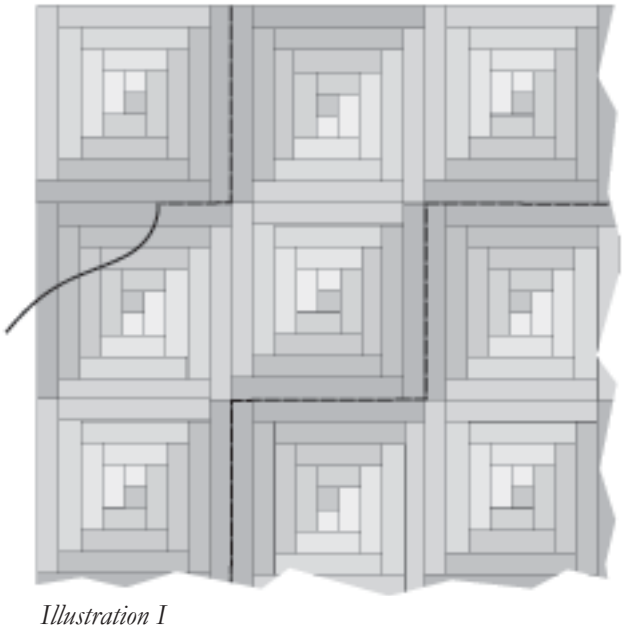


*Illustration I*

After finishing the pattern of the dark logs, rethread with sewing thread matching the lighter logs and continue to in the same way to quilt along the edge of the light logs.

Quilt through all layers around the quilt top and around the inner frame.

Remove the safety pins. Trim all raw edges even.

## Binding

Rethread the machine with sewing thread matching the binding fabric on top and bobbin.

*Illustration J*
Cut 2 3/4" (70 mm) wide strips in fabric G, and sew them together, to go all the way around the quilt. (You will need about 425" (10.60 m). Sew the binding strips together with diagonal seam as before to reduce the bulk in the seam allowance, by placing two strips right sides
together, at a 90-degree angle and stitching on the diagonal.



*Illustration J*

*Illustration K*
Trim the seam allowances to 3/8" (9 mm) and press open.



*Illustration K*

*Illustration L*
Sew the remaining strips in the same way. Fold in half lengthwise, wrong sides together, and press.

Starting at the bottom edge of the quilt, lay a binding strip on the wrong side of your quilt, raw edges aligned. Touch needle stop down. Start stitching 2" (50 mm) in from the beginning of the binding and stop when you get to 1/4" (6 mm) from the first corner. When the needle stops down, the Sensor Foot Pivot automatically raises the presser foot sensing the exact pivot height for your fabric layers. Pivot towards the corner, and stitch diagonally off the corner.



*Illustration L*

*Illustration M*
Fold the binding across the diagonally stitched line and back on itself along the right side.

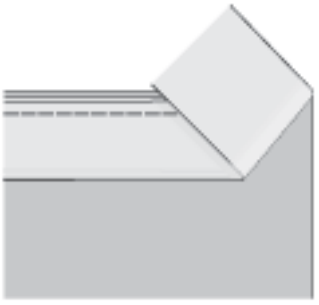


*Illustration M*

*Illustration N*
Start sewing again, 1/4" (6 mm) from the corner. Continue this way all the way around.



*Illustration N*

*Illustration O*
To sew a mitered seam where the two pieces of binding meet, fold the ends diagonally where they meet and press.

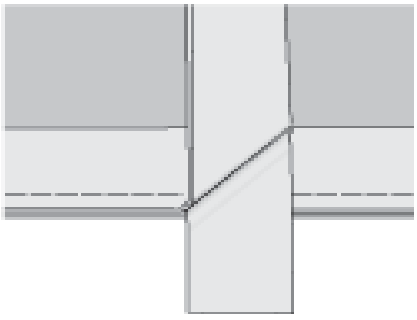


*Illustration O*

*Illustration P*
Pin together along the fold lines and stitch, being careful not to catch the quilt in this seam. Trim off excess binding.

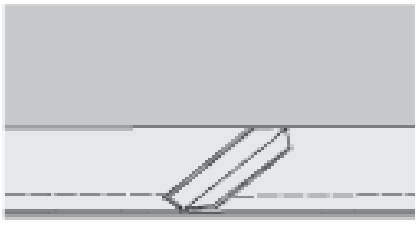


*Illustration P*

*Illustration Q*
Turn the binding to the right side and pin in place. Tuck excess fabric at the corners into a miter. Use presser foot A and stitch A102 or the optional Edge/ Joining Foot and stitch A103 and stitch the binding in place from the right side of the quilt.

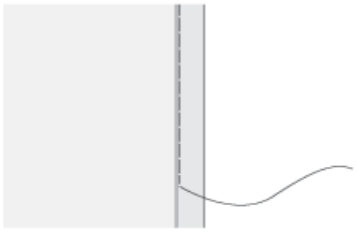


*Illustration Q*

To label the quilt with your name, the name of the quilt, date, and other information, use the programmable letters and numbers on stitch d-Card O1. Use the programmable letters on your Husqvarna Viking. See programming letters and stitches on page 65.

# Decorative Sewing



# Decorative Sewing

*Supplied with your Quilt Designer II, there is a Stitch d-Card with decorative fashion stitches. Additional Stitch d-Cards with different types of decorative stitches are optional accessories. With the decorative Stitch d-Cards, you sew a myriad of stitches for creative sewing and embellishment. Your creativity is unlimited.*

*In this chapter, sewing tips and information will inspire you to vary the look of the stitches and increase your creative possibilities even more.*




## Fashion

Use the stitches on Stitch d-Card N1, Fashion to decorate clothing and accessories. Here a pair of trousers in fake suede fabric have been decorated with stitches from Stitch d-Card N1. The stitches are combined with ric rac trim, velvet and snake skin ribbons.

- Use a pictogram pen to mark a straight line where the first stitch is to be sewn. Mark parallel lines 2.5 cm apart.
- Thread the machine with embroidery thread on top and matching sewing thread in the bobbin. Insert Stitch d-Card N1 and select a decorative stitch
- Place Tear Away Stabilizer underneath the suede and sew along the first line. Continue to sew decorative stitches on all lines.
- Select straight stitch from Stitch d-Card A1 and thread the machine with matching sewing thread in top and bobbin. Sew the velvet and snake skin ribbons between the lines of decorative stitches. Sew the ric rac trim in place with a straight stitch in the center.
- Tear away the stabilizer and press lightly if necessary.



*Stitches N115 and N117 are used to decorate a pair of trousers*

## Free Motion Sewing

With free motion sewing you have unlimited possibilities to create beautiful and creative decorations ideal for fashion accessories and embellishing garments.

To select a free motion stitch, enter SET 4 and select V101 or V102. V101 is a straight stitch and V102 is a zigzag stitch. Snap on presser foot R and lower the feed teeth to manually move the fabric in any direction.

When free motion (free hand) sewing at slow speed (less than 200 rpm) the presser foot moves up and down. The foot is down when the needle is down to hold the fabric in place while the stitch is formed. The foot is raised with the needle so the fabric can be moved without risking to bend the needle. At faster sewing speeds (over 200 rpm) the foot stays in the glide (pivot) position so the fabric can be moved easily for free motion sewing.

## Free Motion Embellishment

Use free motion sewing to embellish clothing and accessories.

- Thread the machine with embroidery thread on top and bobbin. Hoop the fabric with stabilizer in the optional free motion embroidery hoop. It is essential that the fabric is very tight. Slide the hooped fabric under the needle and touch .
- Turn the hand wheel to pull the bobbin thread up through the fabric and hold both threads to prevent them from being dragged down.
- Start sewing, not too slowly, moving the hoop about smoothly. The speed of the machine and the speed in which you are moving the hoop determine the size of the stitch.

## Jewelry

Use the free motion stitches to make jewelry.

- Hoop water-soluble stabilizer and sew in different directions to create a lace effect of the thread or sandwich threads and pieces of yarns between two layers of water-soluble stabilizer and hoop.
- Thread the machine with transparent thread on top and bobbin and sew over it several times to hold the yarns together. Rinse off the stabilizer and you will have beautiful thread decorations.

*Experiment with textures by moving the hoop in circles or in backwards and forwards movements. With some practice and creativity you can create anything you can imagine.*







## Appliqué

Use the preprogrammed satin stitches on Stitch d-Card A1 to sew appliqués. The pre-programmed satin stitches have a stitch width of 2 mm (A127), 4 mm (A128), and 6 mm (A129). The top tension is reduced automatically.



**Fabric:** Woven medium fabric, Husqvarna Viking Tear-A-Way stabilizer, Cotton scrap for applique.

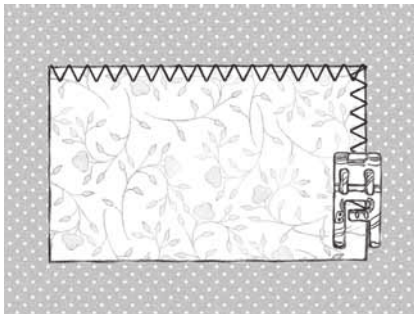
**Thread:** Sulky Rayon embroidery thread on top and embroidery weight bobbin thread.

**Touch:** Woven medium on the Sewing Advisor and stitch A128 on Stitch d-Card A1.

**Use:** Presser foot B as recommended.

**Sew:**

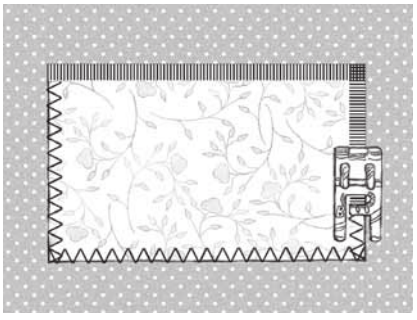
- Cut a small square for the appliqué from the cotton scrap.
- To baste the applique square to the fabric, touch A111 to zigzag stitch or use fusible web.
- Place Tear-A-Way stabilizer under the fabric.
- Place the fabric under the presser foot.
- Satin stitch around the square with the outside swing of the needle sewing off the edge of the applique.
- To turn outside corners, touch needle stop down or tap the needle down with the foot control to pivot with the needle on the outside of the applique. The Sensor Foot Lift pivot position makes it easy!
- Touch FIX to secure the stitches.





**Note:** To adjust the satin stitch length or width, touch ADJUST. Use the + and − buttons to fine tune the stitch length or width.





The transparent presser foot B is an optional accessory. There is also an open toe appliqué foot that is completely open in front for greater visibility. Like the transparent presser foot B it features a red guideline for satin stitching.

## Bridging Stitch

The bridging stitch sews two pieces of fabric or trim with edges butted together. Use this technique to join strips of lace and/or ribbon and to stitch them to a finished fabric edge. The bridging stitch is preferred for this type of joining for a flat, neat result.

**Fabric:** Short piece of edging lace and linen fabric with one edge turned under or finished.

**Touch:** Stitch A130

**Use:** Presser foot B as recommended.

- Place the pieces to be joined edge to edge in the center of presser foot B. Then they are perfectly aligned as you sew.

**Sew:**
The right zigzag stitch of the bridging stitch will catch the lace on the right and the left zigzag, the fabric on the left. The straight stitch sews between the two pieces of fabric, ribbon or lace.

**Optional:** Snap on the optional Edge Joining presser foot, to guide the lace and fabric.



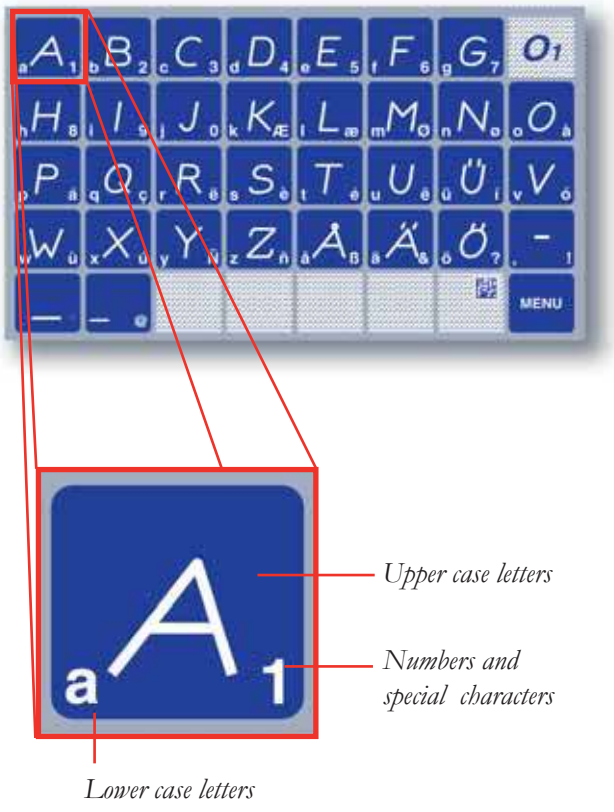
## Lettering

Your Quilt Designer II, includes the Block alphabet Stitch d-Card (O1). Two additional lettering Stitch d-Cards are available as optional accessories, Outline Block alphabet (P1) and Script alphabet (R1).

Use the lettering for monograms, gift items, to label and date quilts and other endless possibilities.

Stitch d-Card O1 includes three menus; upper case letters, lower case letters and numbers/special characters. On the Stitch d-Card the lower case menu is pictured in the lower left corner of the stitch area. The number/special characters menu is pictured in the lower right corner.

By touching MENU on the Stitch d-Card you can step between the menus. The current menu is indicated on the Touch Sceen by A.., a.. or 1..



## Adjust the Decorative Stitches

*By using the Quilt Designer II function buttons or the functions in the ADJUST menu, you can vary the stitches to fit your specific project.*

*When sewing decorative stitches, always use Husqvarna Viking Tear-a-way stabilizer. Sew the samples below on a piece of fabric, following the instructions.*

**Fabric:** Broadcloth or chino, Husqvarna Viking Tear-A-Way stabilizer.

**Touch:** Woven medium on the Sewing Advisor, and stitch N102 on Stitch d-Card N1, Fashion.

**Thread with:** Embroidery thread on top and embroidery weight bobbin thread.

**Use:** Presser foot B as recommended.

**Sew:**

- Place stabilizer under fabric.
- Sew several stitches.

### FIX

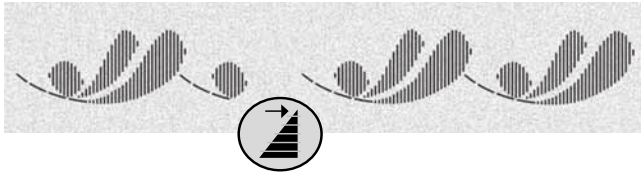
- Touch FIX at the middle of the stitch, the machine stops sewing and locks the stitches with several tiny straight stitches.




### Stitch Re-start

Touch stitch re-start to begin at the first stitch of the decorative stitch. If you have altered stitch width, stitch length or elongation, it will be remembered.

- Touch Stitch Re-start .
- Stitching begins at the start of the stitch.



### STOP

The STOP button is used to conclude a stitch, i.e. the machine fastens the thread and stops automatically when the sewing of the stitch has been completed. STOP is cancelled when you press the button again or by selecting a new stitch.

- As you begin stitching the last stitch, touch STOP to tie off at the end of the stitch.



### Single Stitch

- Touch STOP before beginning to sew or while sewing a decorative stitch to sew only one stitch pattern.
- Sew a stitch. The machine stops and ties off in place automatically.
- Touch STOP again to cancel it.



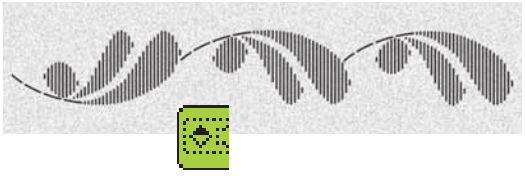

### Mirror Image

Mirror image changes the direction of the decor-ative stitch pattern. You see the stitch direction in relation to the presser foot on the Touch Screen.

### Side to Side Mirror Image

Flip the stitch patterns from left to right. This often eliminates the need to feed the bulk of the fabric into the arm of the machine.

- Stitch a pattern. Touch mirror image side to side. Watch the stitch change on the Touch Screen. The stitch will face the opposite direction. Stitch a few more stitch patterns.



### End to End Mirror Image

Flip the stitch patterns end to end. This doubles the creative possibilities.

- Stitch a few patterns. Touch mirror image end to end. Watch the stitch change on the Touch Screen.
- Stitch a few more patterns.



**Note:** Program stitches with side to side and/or end to end mirror image or mirror image entire stitch programs for unlimited creative stitch possibilities. (See "Program your Quilt Designer II, page 64).

### Elongation

Elongation, alters the size of a satin stitch without changing the stitch density. The elongation function is only active for satin stitches. The stitches that come with your Quilt Designer II cannot be elongated. There are several optional Stitch d-Cards sold separately that include satin stitches. For example Stitch d-Card C1, Pictogram, and Stitch d-Card L1, Decorative.

- Select a satin stitch, touch ADJUST, touch elongation + to make the stitch longer. Touch − to shorten the stitch.
- Sew a row of stitches.




*The heart pictured above is on optional Stitch d-Card D2 (D216) and optional Stitch d-Card G1 (G113).*

# Programming

*With Quilt Designer II you can program stitches and letters into combinations. Save the programmed combinations in nine permanent memories. A programmed stitch combination that is saved in one of the memories is retained in the memory even when the machine is turned off.*



## PROG Mode

When programming, the Sewing Advisor is not active. PROG is selected by touching "FUNC" on the Touch Screen



## PROG Menu

### Memories [ - M1 + ]

Use the − and + buttons to select memory. The M and the number that follows indicates the active memory. There are nine different memories (M1 to M9). Each of the nine memories holds up to 62 stitches, which means that you can program and save up to 558 stitches and/or letters.

When activating PROG, the last used memory is active. To save your programmed combination in a memory other than the active, select the memory number first, before programming any stitches. The programmed combination will be saved automatically in the active memory.




### Moving the Cursor [ ⇐ 1 ⇒ ]

The cursor on the Touch Screen is under the active programming space. Use the arrows to move the cursor sideways. The number between the arrows indicate under which stitch, in the sequence the cursor is positioned.

### Deleting Stitches or Program [ Clr ]

If there already is a stitch or letter combination in the selected memory that is displayed in the programming area, touch [ Clr ] to clear the memory. To reload a deleted program, touch [ Clr ] again before you enter new stitches.

### Memory Tab [ MEM ]

Use [ MEM ] to bring back the programming functions when you have made adjustments in [ ADJUST ] or changed the settings in [ SET ].

**Note:** Both the stop- and fix functions can be programmed. The stop function is programmed when you want to sew only one sequence of your program. The fix function can be used if you want to fix at the end or in the begining of a stitch within the programmed combination.

## Program Stitches and Letters

To program the stitch combination shown:




- Touch "FUNC" to bring up PROG
- Insert Stitch d-Card E1,
- Touch stitch E115. It appears on the Touch Screen

The cursor moves automatically to the next position ready to receive the next stitch, or to adjust the one just entered.




*Eject Stitch d-Card E1 and insert Stitch d-Card O1, Block alphabet.*

To program "Q" in upper case letters, touch "Q" on Stitch d-Card O1. "Q" appears on the screen next to the stitch.




To program "uilt" in lower case letters, touch in the lower right corner of the Stitch d-Card. The lower case submenu is activated (a.. is visible on the MENU Touch Screen).

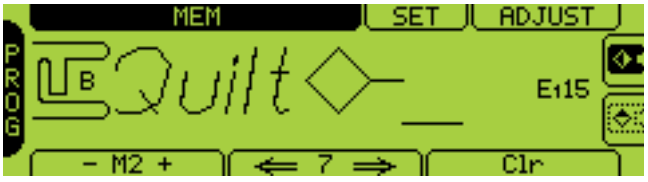
Touch u, the letter appears on the display and the cursor moves to the next position. Continue to enter the letters: i, l, and t.




*Eject Stitch d-Card O1 and insert Stitch d-Card E1.*

Touch stitch E115. It appears on the Touch Screen.

- Touch to mirror image the stitch end to end.




Touch the STOP function button on the machine to enter stop to sew only one sequence of your program.




Touch function button to add a cut in your sequence to make your Quilt Designer II cut the thread when it has finished sewing.

## Change a Stitch or Letter

Any stitch or letter can be changed in PROG when the cursor is positioned under the stitch or letter. Simply touch the correct stitch or letter, to replace the one you would like to change.




## Add a Stitch or Letter

To add a stitch or letter in PROG, move the cursor to the next stitch after you wish to add a stitch. Touch Clr. Touch the stitch you wish to add. Touch Clr to bring up the rest of the program again.




## Adjust Stitches in Program

If you want to adjust a stitch in a programmed sequence, position the cursor under the stitch and touch ADJUST. The last stitch in a programmed sequence can be adjusted even though the cursor is positioned after the stitch. You can use any of the functions in ADJUST; stitch length and width, mirror image and elongation (elongation can be made if satin stitches only are programmed).

The changes will be remembered in the permanent memory.

## Sew your Program

To sew your program, touch "FUNC" to bring up the REP mode. Your stitch program will appear on the Touch Screen. Presser foot B is recommended. A stop is indicated by a stop sign symbol.

If you have programmed a stitch sequence that is too long to be seen on the Touch Screen, check it by stepping forwards/backwards in the sequence using the ⇐ 1 ⇒ icons.

Sew your program on a stabilized piece of fabric.







## Adjust Entire Stitch Program

In REP you can use ADJUST to adjust stitch width, stitch length and mirror image the entire program. If you have programmed satin stitches only, you are able to do elongation too. The changes will not be saved in the permanent memory.



# Care of your Quilt Designer II



# Care of your Quilt Designer II

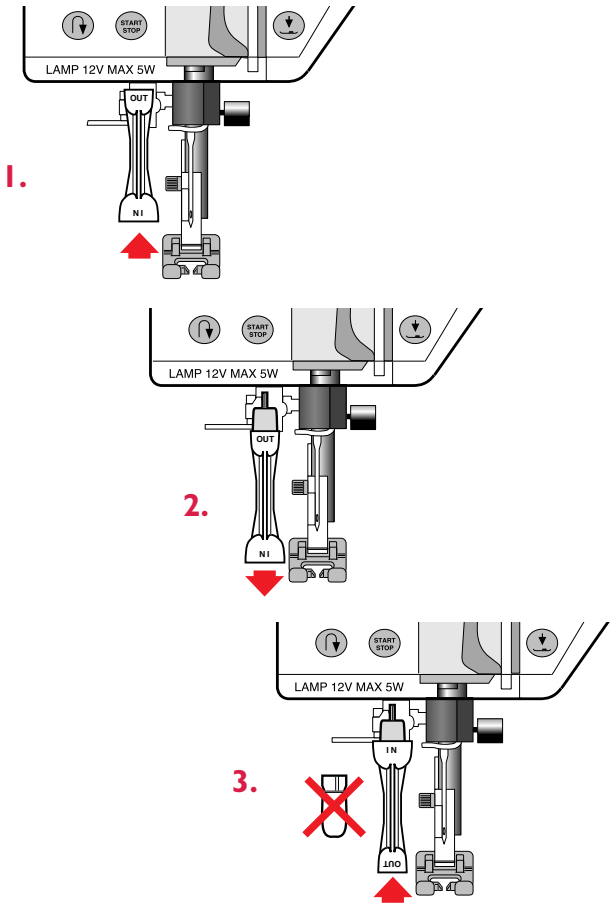
Quilt Designer II is equipped with two lights, one is placed to the left of the needle (A) and the other up to the right (B). Use light bulb designed as indicated on the front of the machine. They are available at your authorized Husqvarna Viking dealer.

## Changing the Light Bulb (A)

⚠ Turn off the main switch.

1. Place the rubber sheath found in the accessory box with its deep hole, marked OUT, around the bulb.
2. Do not turn the bulb, just pull it down to remove the bulb.
3. When inserting, place the rubber sheath with its shallow hole, marked IN, around the new bulb, insert the bulb by pushing it up. Make sure the bulb is correctly inserted.

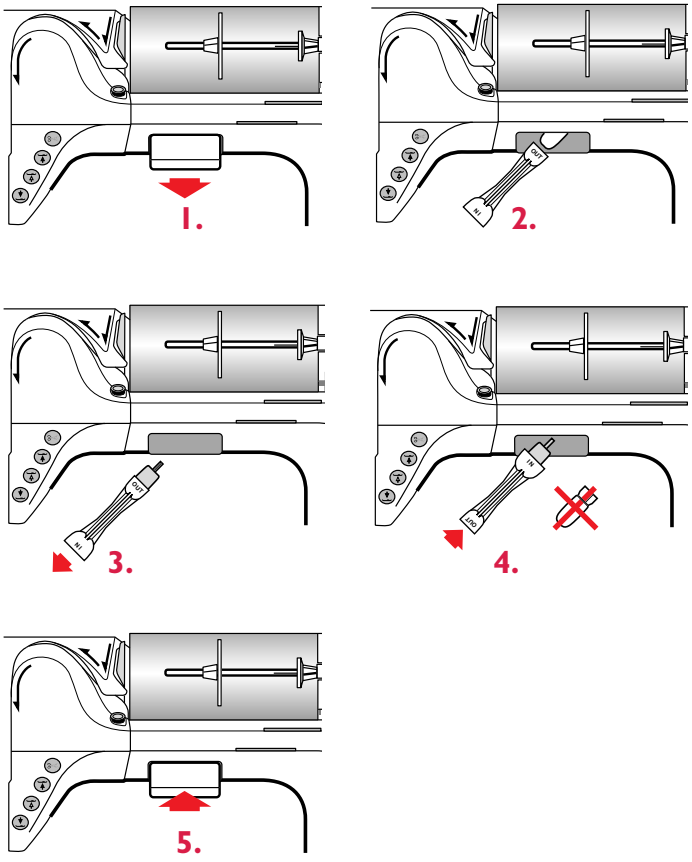
A




## Changing the Light Bulb (B)

1. Remove the plastic guard by pulling slightly downward.
2. Place the rubber sheath found in the accessory box with its deep hole, marked OUT, around the bulb.
3. Do not turn the bulb, just pull it out to remove the bulb.
4. When inserting, place the rubber sheath with its shallow hole, marked IN, around the new bulb, insert the bulb by pushing it up.
5. Replace the plastic cover by inserting the rear edge and press it into the holder.

B



## Care of the Machine

To keep your sewing machine operating well, clean it often. No lubrication (oiling) is needed.

⚠ Turn off the main switch.

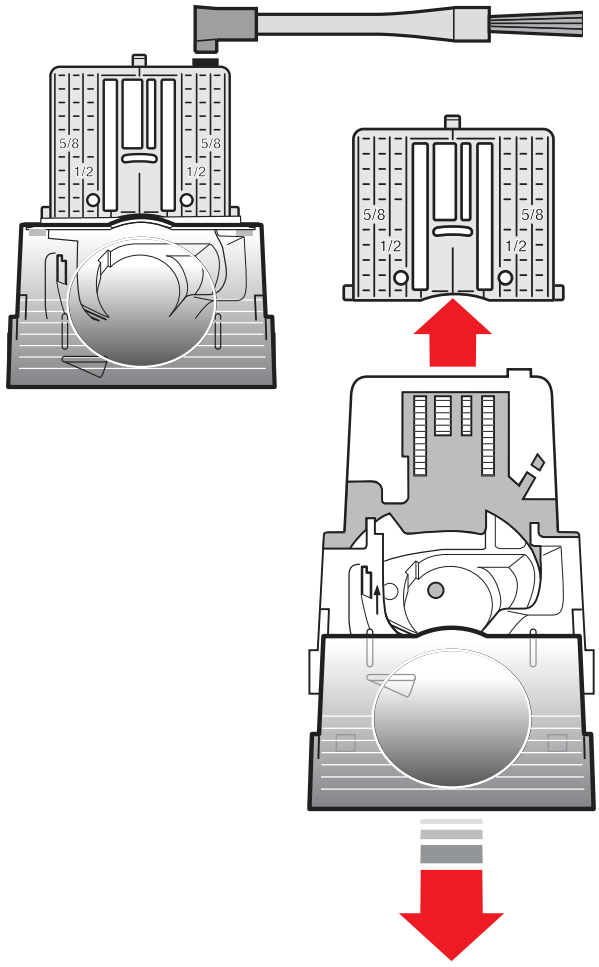
### Cleaning

Wipe the exterior surfaces of your Quilt Designer II with a soft cloth to remove any dust or lint built up.

Wipe the Touch Screen with a soft damp cloth.

### Clean the Bobbin Area

Remove the presser foot and slide off the bobbin cover. Lower the feed teeth. Place the stitch plate opener on the brush, which you will find with the accessories, and then in the recess at the rear of the stitch plate. Turn toward you to pop off the stitch plate. Clean the feed teeth with the brush.

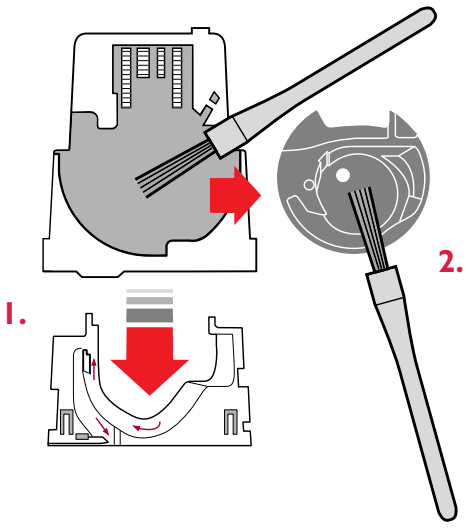



### Cleaning Under the Bobbin Area

When lint builds up, the area under the bobbin case must be cleaned.

Remove the bobbin case holder (1) covering the front part of the bobbin case (2). Remove the bobbin case by lifting it up. Clean with the brush.

Replace the bobbin case and the bobbin case holder.




### Replacing the Stitch Plate

With feed teeth down, place the stitch plate about 5 mm in front of the rear edge and push it back. Slide on the bobbin cover. Raise the feed teeth.

# Trouble Shooting

**Any Time You Experience a Problem When Sewing:**

- Enter correct type and weight of fabric in the Sewing Advisor.
- Insert new needle-size and type as HELP recommends.
- Rethread the top and bobbin.
- Use different spool pin positions (vertical or horizontal).
- Use thread nets and quality thread. We recommend the same sewing thread on top and bobbin for general sewing. For decorative sewing (and embroidery) we recommend 40 weight embroidery thread on top and bobbin thread on bobbin.

**Fabric puckers?**

- Enter correct type and weight of fabric into Sewing Advisor.
- Check needle, it could be damaged.
- Insert new needle-size and type as HELP recommends.
- Rethread top and bobbin.
- Change thread type to match fiber and sewing technique.
- Use quality thread.
- Shorten stitch length.
- Use stabilizer.

**Skipped Stitches?**

- Check needle, it could be damaged.
- Change needle to recommended size and type.
- Be sure needle is inserted correctly and all the way into clamp.
- Rethread top and bobbin.
- Use recommended presser foot.
- Turn machine off and on to reset.
- Consult your dealer for service.

**Needle Breaks?**

- Use care not to pull fabric when sewing.
- Insert new needle as HELP recommends.
- Insert needle correctly as page 16 explains.

**Poor tension?**

- Enter fabric weight and type in Sewing Advisor.
- Rethread top and bobbin - use quality thread.
- New needle-size and type as HELP recommended.
- Turn machine off and on again to recalibrate tension.
- Follow HELP recommendations for stabilizer.

**Fabric does not move?**

- Feed teeth up.
- Increase stitch length.

**Upper thread breaks?**

- Does thread feed smoothly/not catching?
- Use thread nets and quality thread.
- New needle-size and type as HELP recommends.
- Rethread top and bobbin - check for correct threading.
- Try different spool pin positions (horizontal or vertical).
- Turn the machine off and on to reset automatic tension.
- If stitch plate hole is damaged, replace stitch plate.
- Is the correct spool holder used in front of the thread?

**Bobbin Thread Breaks?**

- Wind a new bobbin.
- Replace the bobbin in the machine, check correct threading, page 11.
- If stitch plate hole is damaged - replace stitch plate.
- Clean bobbin area.

**Bobbin alarm does not work?**
- Clean lint from bobbin area.
- Use only authentic Husqvarna green style bobbins.

**Bobbin winds irregularly?**
- Check threading for bobbin winding.

**Thread cutter does not cut?**
- Remove stitch plate and clean lint from bobbin area.
- Go to SET and set the thread cutter on auto.

**Wrong stitch, irregular or narrow stitches?**
- Cancel twin needle safety.
- Turn machine off and on to reset.
- Change needle, rethread top and bobbin.
- Use stabilizer.

**Presser foot will not go down?**
- Turn the machine off and on.
- Put bobbin winder spindle up into sewing position.
- Sensor Foot lift on auto in SET Menu.

**Machine sews slowly?**
- Check speed
- Remove stitch plate and brush lint from bobbin and teeth area.
- Have machine serviced at your dealer.

**Machine will not sew?**
- Put bobbin winder spindle up into sewing position.
- Insert a Stitch d-Card.
- Check plugs are all the way into machine.
- Check wall plug and power to wall plug.

**Touch Screen is dark or light?**
- Change screen contrast in SET Menu.

**Functions on the Touch Screen are not activated when touched?**
- Calibrate the Touch Screen, page 22.

**Have your Quilt Designer II serviced regularly by your Husqvarna Viking dealer!**
If you have followed this trouble shooting information and still are having sewing problems, take the machine to your dealer. If there is a specific problem, it is a great help to test sew with your thread on a scrap of your sewing fabric. A sewing sample will often give much better information than words.

**Non-Original Parts and Accessories**
The Quilt Designer II warranty does not cover any defect or damage caused by use of non-original accessories or parts.

**Internet Update!**
All information in this Husqvarna Viking Quilt Designer II User's Guide is current at the time of printing.

We constantly receive feedback from Quilt Designer II owners and dealers. This information is used to produce program updates. Those updates are available to you via the Internet.

Be sure to regularly consult the web site at www.husqvarnaviking.com and/or your local Husqvarna Viking dealer for updates and upgrades to your Quilt Designer II and User's Guide.

# Optional Stitch d-Cards/ Embroidery Theme



# Optional Stitch d-Cards

## Buttonhole Stitches B1

On Stitch d-Card B1, Buttonholes you find buttonholes and eyelets in different styles plus button sewing. There is also a bartack stitch that is used to secure elastic ends, drapery pleats, belt loops and pocket corners. The bartack stitch gives the garment a ready-to-wear look. With the darning stitch you can save a garment by darning a small hole or tear before it becomes too large.




## Pictogram Stitches, C1

Stitch d-Card C1, Pictogram has all the stitches you need to sew an unlimited number of pictogram combinations. Program the stitches and sew the most beautiful decorations on clothing, linen and more.




## Heirloom Stitches, D1 and D2

The heirloom sewing technique gives you a feeling of tradition, romance and times long past.

There are 40 different Heirloom Stitches available (two Stitch d-Cards with 20 stitches each).

On Stitch d-Card D1 you find cross stitches, hemstitches and entredeux stitches. Use a wing needle to sew these stitches, for a beautiful and lacy effect.

Stitch d-Card D2 features smocking stitches that are sewn over fabric that has been pleated or gathered. The finished result immitates the hand smocking technique. There are also decorative stitches and a buttonhole perfect for Heirloom sewing.




## Crazy Quilt Stitches, E2

Intricate crazy patch stitches were traditionally sewn by hand. Stitch d-Card E2 features an array of hand look stitches created by quilters for quilters.

Sew beautiful variations of feather stitches, cross stitch, embellished scallops, and more; plus an extra wide stippling/meandering stitch.



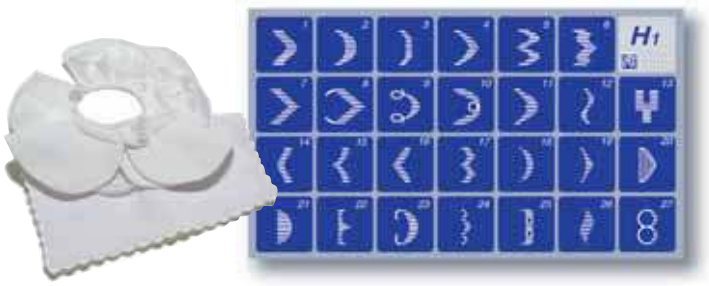
### Children Stitches, G1

Stitch d-Card G1 contains 24 stitches specially designed for children. Use the stitches to program cute combinations, sew doll faces, or rows of fun stitches.




### Scallop Stitches, H1

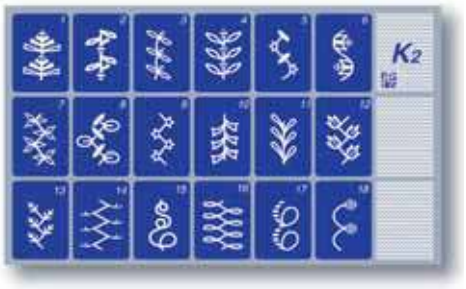
On Stitch d-Card H1, you find 27 different Scallop Stitches. The stitches can be sewn with a width of up to 25 mm. The Scallop stitches are perfect for a satin edge on collars, table cloths, and linens.




### Omnimotion Stitches, K1 and K2

The Omnimotion stitches on Stitch d-Card K1 and K2 can be sewn with a width of 35 mm. The 38 different stitches can be combined with each other in the PROG mode. The stitches are beautiful to use when decorating clothes and linen.




### Decorative Stitches, L1

With the decorative stitches on Stitch d-Card L1 you can create the most beautiful stitch combinations to embellish your creations. Use the sitches for other types of decorations, such as sewing over yarn.




### Crafting Stitches, M1

Use the crafting stitches on Stitch d-Card M1 to make unique embroideries and programmed sequences. There are several crafting stitches that sew up to nine mm wide.



### Outline Block Alphabet, P1, Script Alphabet, R1

Use the outline Block Alphabet and/or the Script Alphabet to make your sewing even more personal. Use the letters and numbers to mark, for example clothes, towels and quilts.

The MENU button on the Stitch d-Card is used to step between the three menus; upper case letters, lower case letters and numbers/special characters.




### 8-and 4-Way stitches, T1

Find 4- and 8-Way stitches on Stitch d-Card T1. With the stitches on this card, you can sew in different directions without turning the fabric. These stitches are perfect when you use the free arm, to mend trousers or appliqué small garments.

In ADJUST the stitch length, and/or stitch width changes the sewing direction. You can sew in any direction!




## Optional Embroidery Theme

Down through the ages, people all over the world have enjoyed stitching embroidery designs to personalize and embellish clothing, table linens and special heirlooms. Early embroideries were stitched by hand. With the Embroidery Theme, your Husqvarna Viking Quilt Designer II embroiders your designs effortlessly.

The theme includes an embroidery unit, embroidery hoops in different sizes, two Embroidery d-Cards, an embroidery booklet showing the designs in their actual size and lots of other accessories. Once you have begun embroidering, you will never stop. With the extensive options for Husqvarna Viking Embroidery Software programs, you can create and develop your designs without limitaitons.

**Note:** All optional Stitch d-Cards and the Embroidery Theme are sold separately!



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We reserve the right to change the machine equipment and the assortment of accessories without prior notice, or make modifications to the performance or design.

Such modifications, however, will always be to the benefit of the user and the product.



Please note that on disposal, this product must be safely recycled in accordance with relevant National legislation relating to electrical/electronic products. If in doubt please contact your retailer for guidance.



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