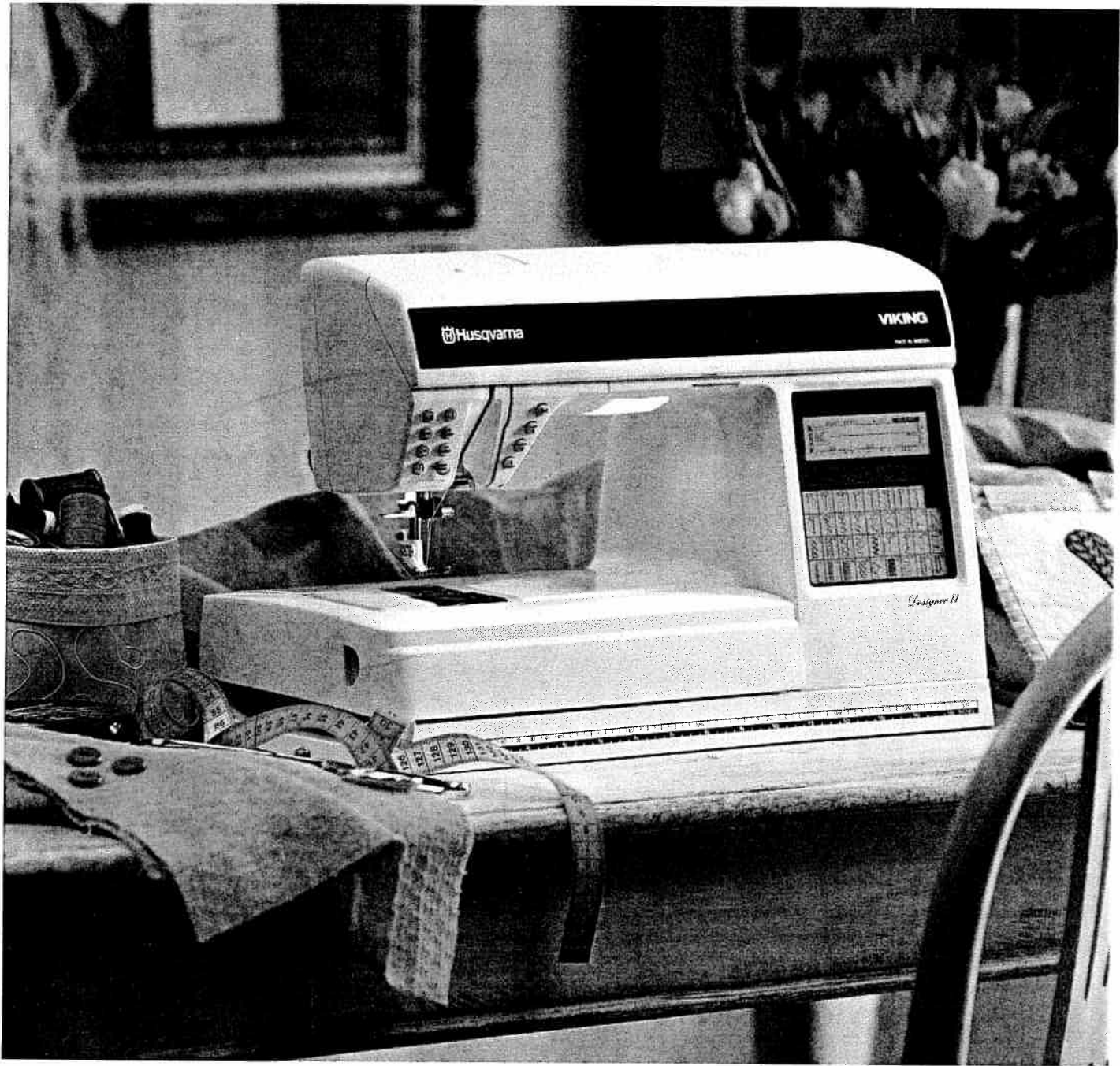


# User's Guide

## *Designer II* A



# 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:**

- Do not leave sewing machine when plugged in. Turn off the switch and unplug from electric outlet the electric cord when not in use or before servicing.

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

- Do not use outdoors or on wet surfaces.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use this sewing machine only for its intended use as described in this manual. Use only manufacturer's recommended attachments.
- 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 authorized 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 sewing machine and foot controller free from the accumulation of lint, dust, and loose cloth.
- Never drop or insert any objects into any opening.
- 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.
- Do not operate where aerosol (spray) products are being used or where oxygen is being administered
- 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 the fabric while stitching. It may deflect the needle causing it to break.
- Switch the sewing machine off when making any adjustments in the needle area, such as threading needle, changing needle, threading bobbin, or changing presser foot, etc.
- Always unplug the sewing machine from electrical outlet when removing covers, or when making any other user servicing adjustments mentioned in the instruction manual. No lubrication by customer is recommended.
- Keep your work area well lighted.
- Always unplug before relamping. Replace bulb with Same Type Rated 5 Watts.
- This appliance 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 grounding 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".

### **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.

# Table of Contents

<b>Learn your Designer II</b>	<b>4</b>	Utility Sewing	38
Overview - Front Side	4	Straight Stitch	38
Rear Side	5	Lightning Stitch (Stretch Stitch)	38
Accessory Tray	5	Gathering	38
Unpack Designer II	5	Twenty-five Needle Positions	39
Connect to the Power Supply	6	Center Zipper	40
Pack Away After Sewing	6	Reinforced Straight Stitch	41
Accessory Tray / Sewing Surface	7	Multiple ZigZag Stitches	42
Spool Pins	8	Mending and Darning	43
Threading the Upper Thread	9	Buttonholes	44
Needle Threader	10	Stitch Table - Utility Stitches	46
Threading for Twin Needle	10	<b>Decorative Sewing</b>	<b>47</b>
Bobbin Winding	11	Decorative Sewing	48
Placing the Bobbin in	11	Fashion	48
the Machine	11	Free Motion Sewing	48
Function Buttons	12	Appliqué	50
Sensor Foot Pressure	13	Bridging Stitch	51
Sensor Foot Lift	13	Lettering	51
Lowering the Feed Teeth	13	Adjust the Decorative Stitches	52
Presser Feet	14	Programming	54
Changing the Presser Foot	15	PROG Mode	54
Needles	15	Program Stitches and Letters	55
Changing the Needle	15	Sew your Program	56
Interchangeable d-Cards	16	<b>Sewing Organizer</b>	<b>57</b>
Insert d-Card	16	Sewing Organizer	58
Change d-Card	16	<b>Care of your Designer II</b>	<b>63</b>
Touch Screen	17	Care of your Designer II	64
Touch Screen Menus	17	Care of the Machine	65
Sewing Advisor	18	Trouble Shooting	66
SET Menu	19	<b>True Freedom of Sewing</b>	<b>69</b>
ADJUST Menu	21	True Freedom of Sewing	70
HELP Menu	22	Optional Quilt Theme	70
Pop-up Menus	23	Optional Heirloom Theme	70
Begin Sewing	24	Optional Embroidery Theme	71
Finish Sewing	24	Optional Home Dec Theme	71
Thread Tension	25	Themes of the Future	71
<b>Utility Garment Sewing</b>	<b>27</b>	Optional Stitch d-Cards	72
Sewing Advisor	28	<b>Index</b>	<b>75</b>
Fabric Selection	28		
Thread	29		
Seam	30		
Overcast	31		
Seam and Overcast	32		
Baste	33		
Blind Hem	34		
Hem	35		
Buttonhole	36		
Button	37		

## Learn your Designer II

Page 4-26

## Utility Garment Sewing

Page 27-46

## Decorative Sewing

Page 47-56

## Sewing Organizer

Page 57-62

## Care of your Designer II

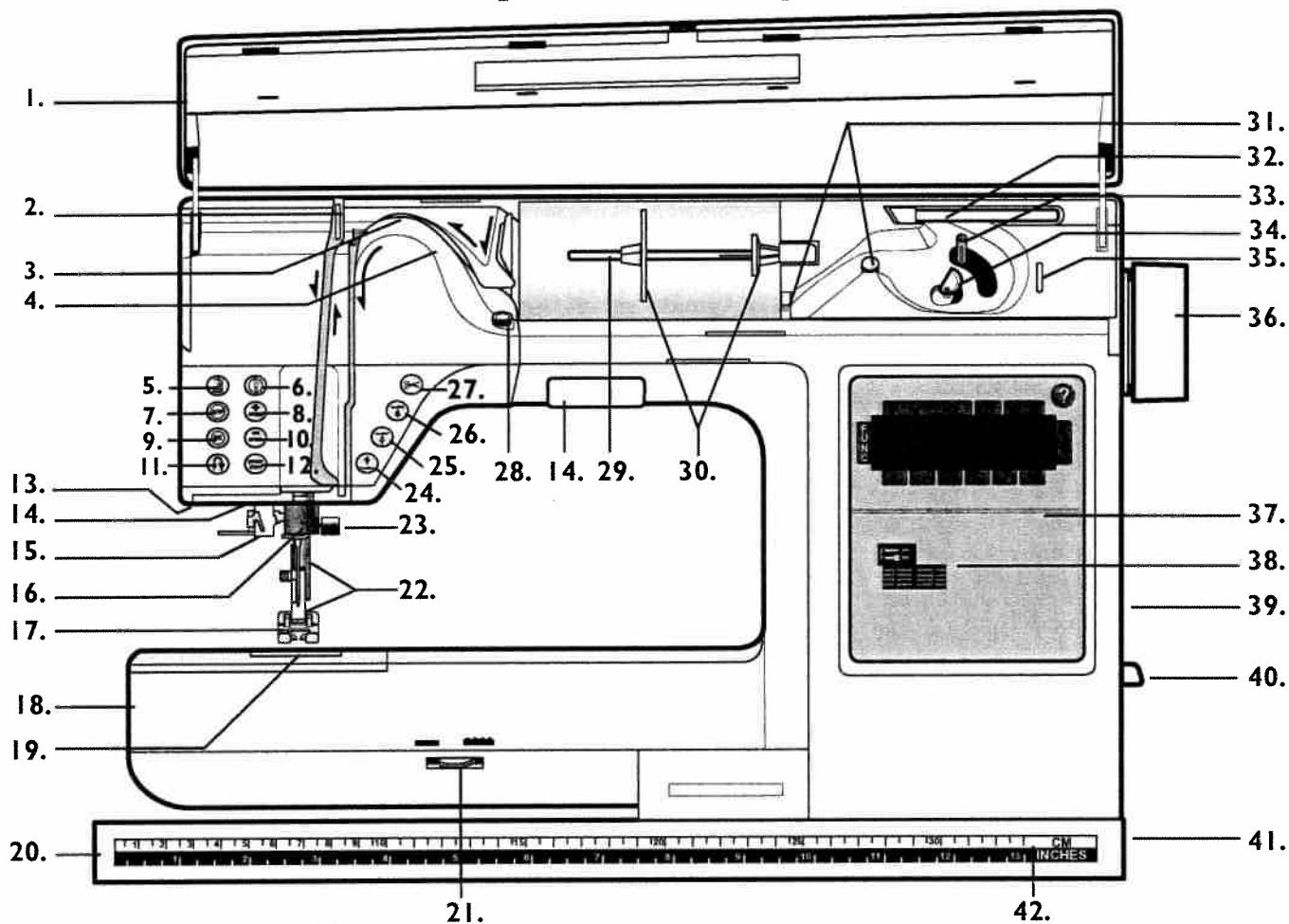
Page 63-68

## True Freedom of Sewing

Optional Themes

Page 69-74

# Learn your Designer II

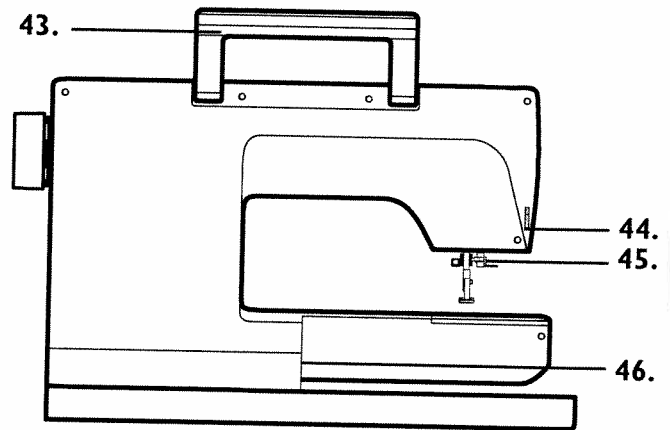


## Overview - Front Side

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

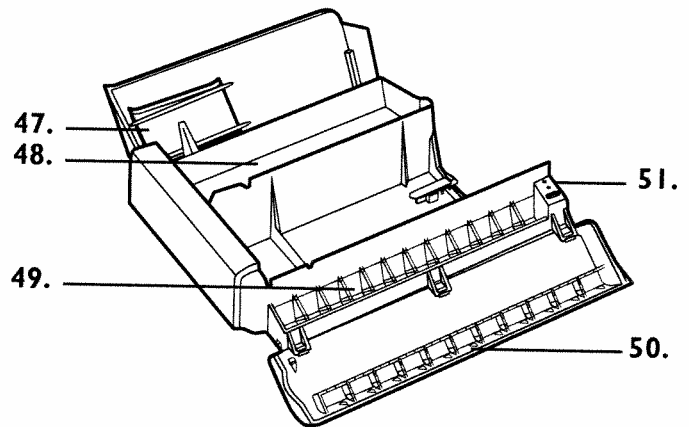
## Rear Side

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



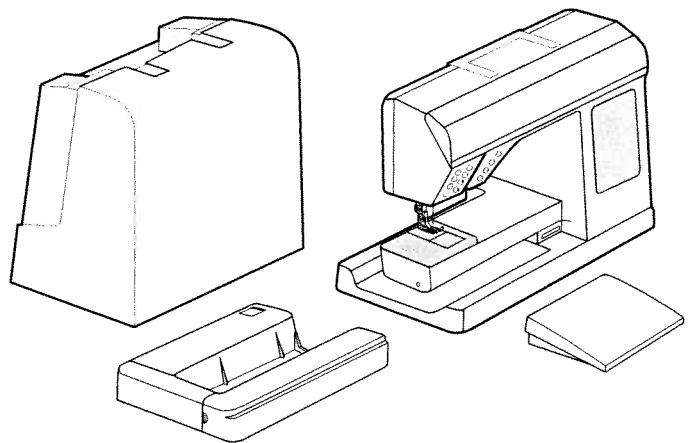
## Accessory Tray

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



## Unpack 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. The foot control is equipped with a cord reel.
4. Wipe off the machine, particularly around the needle and needle plate to remove any soil before sewing.

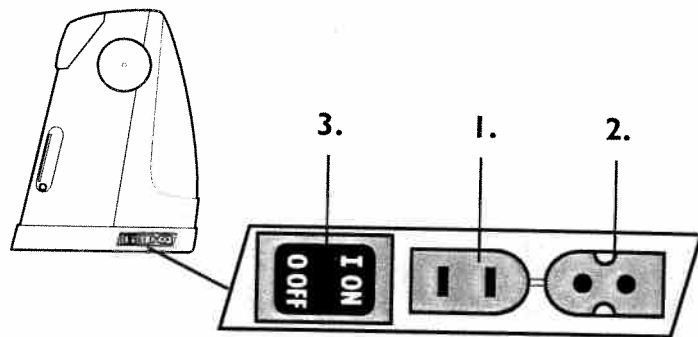


## Connect to the Power Supply

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).

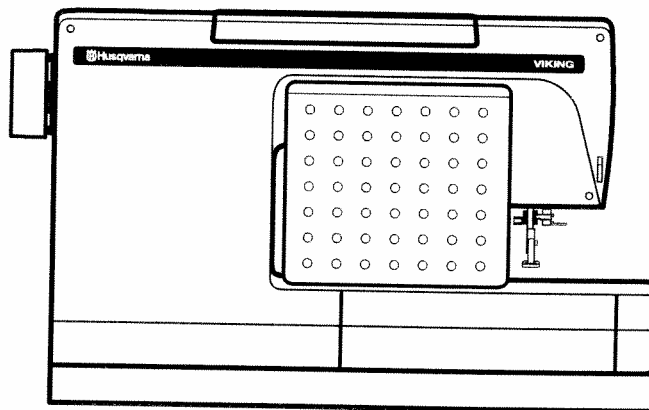
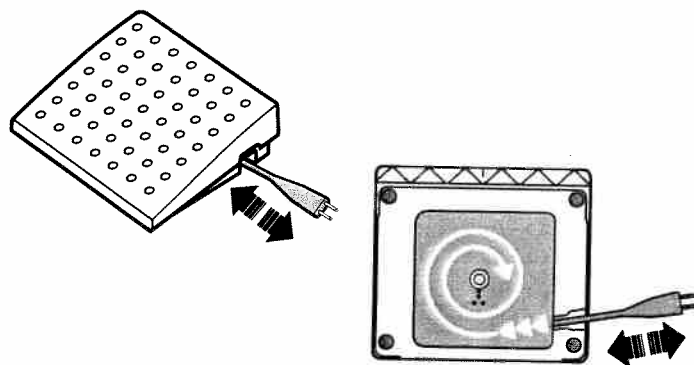
**Before plugging in, check to ensure that the foot control is of "type FR3"** (see underside of foot control).

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



## 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. Pull the cord gently and release - the cord will be wound into the foot control automatically.
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

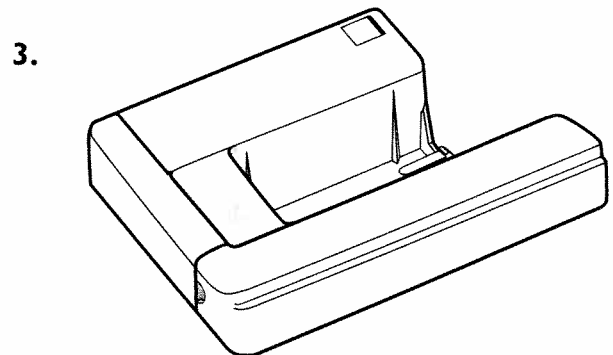
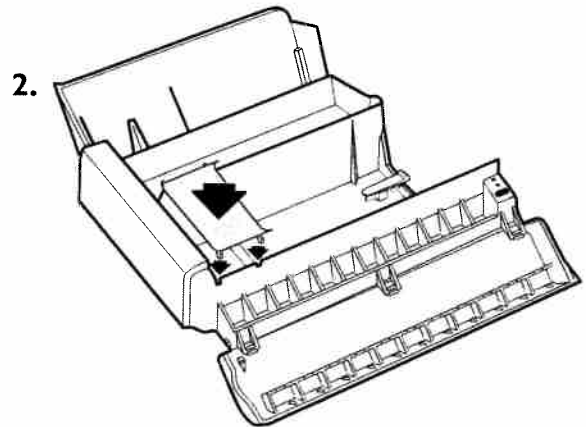
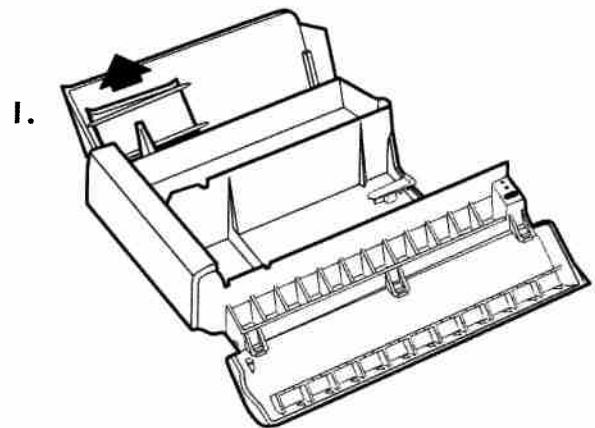
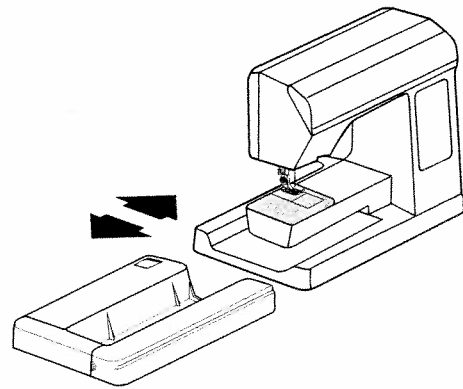
In the Accessory Tray there are special places for presser feet, bobbins and needles plus space for other accessories. Store the accessories in the tray so they are easily accessible.

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 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.

### 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.

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.

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.

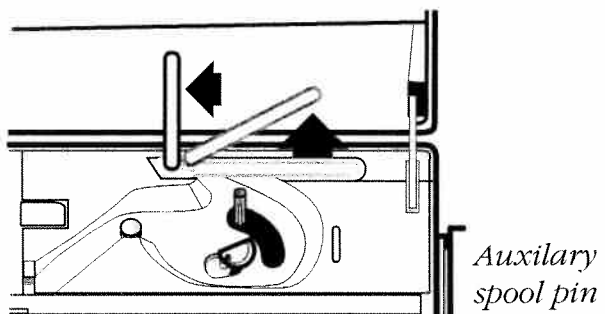
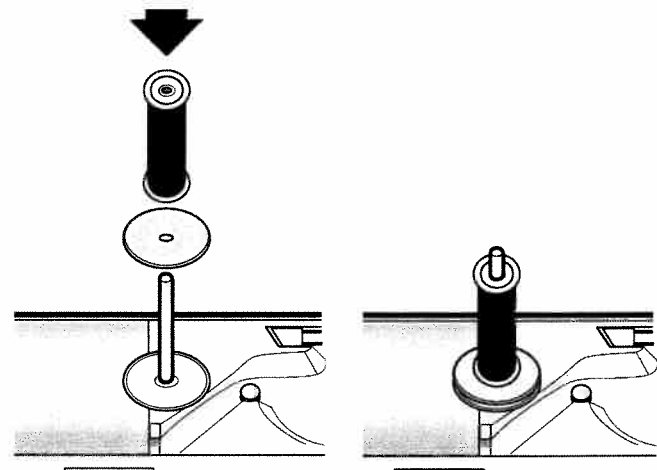
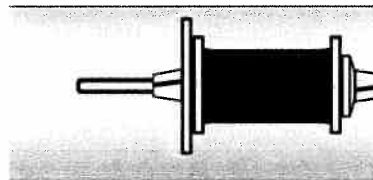
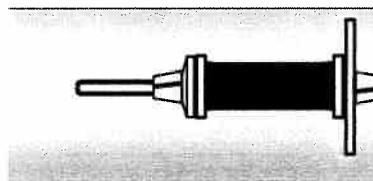
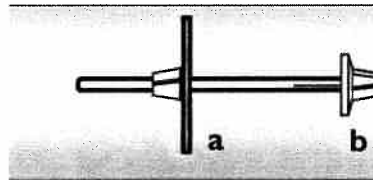
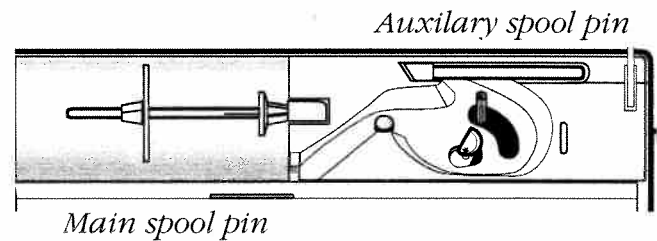
#### Vertical Position

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.





## 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

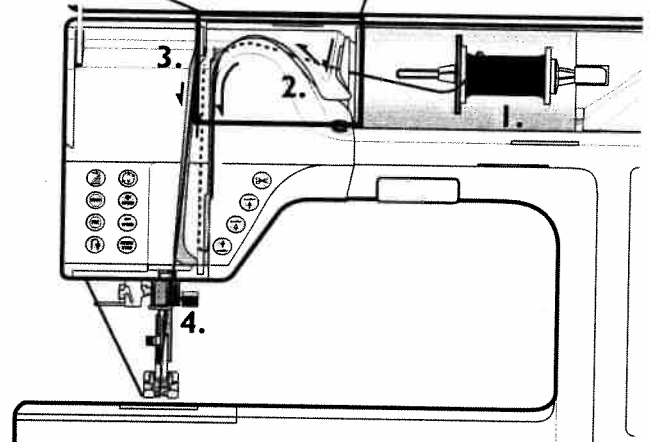
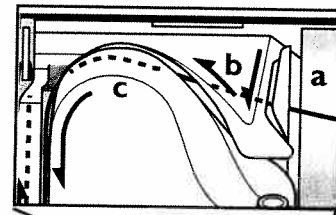
1. Pull the spool pin out. Place the spool on the spool pin (follow the instructions on previous page). The thread shall reel counter-clockwise. Push the spool pin back in.

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.

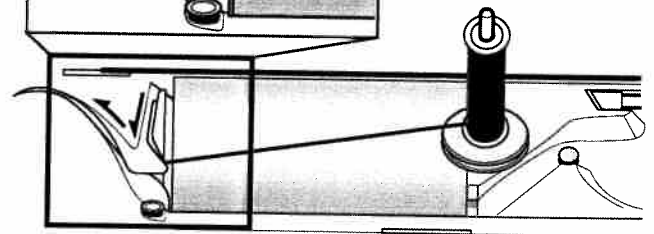
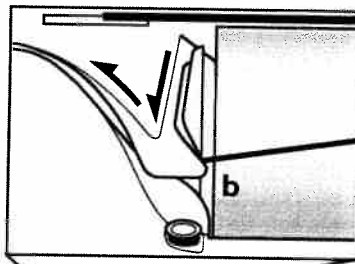
2. Bring the thread up and over the pre-tension thread guide (a) and under the thread guide (b). Bring the thread over the thread tension discs (c).
3. Continue threading in the direction indicated by the arrows. Bring the thread from the right when threading into the slot on the take-up lever.
4. Pull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

### 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 horizontal spool pin*



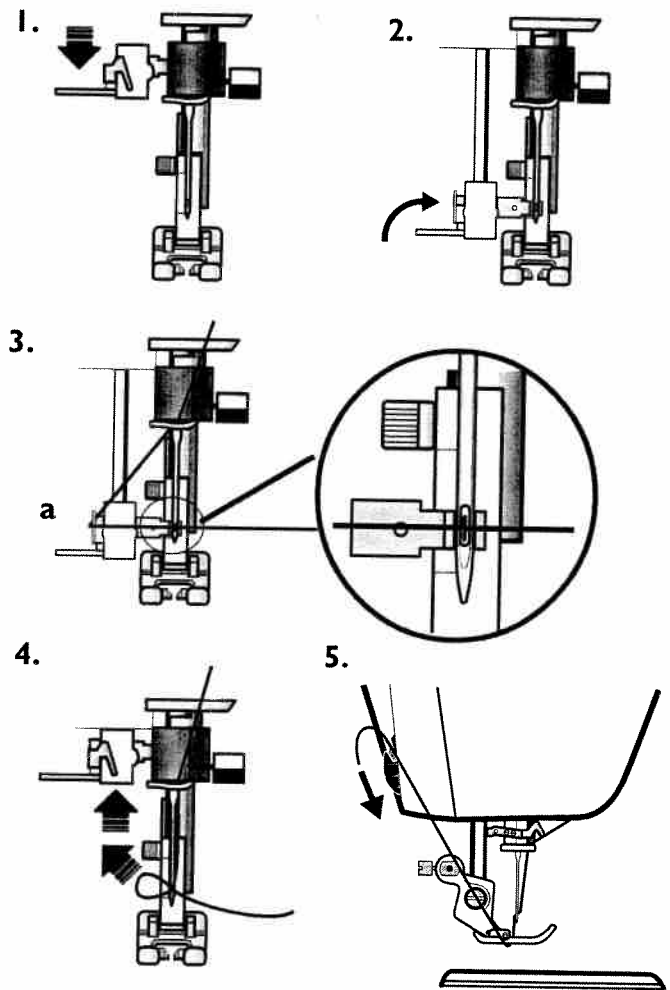
*Threading when using vertical spool pin.*

## Needle Threader

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

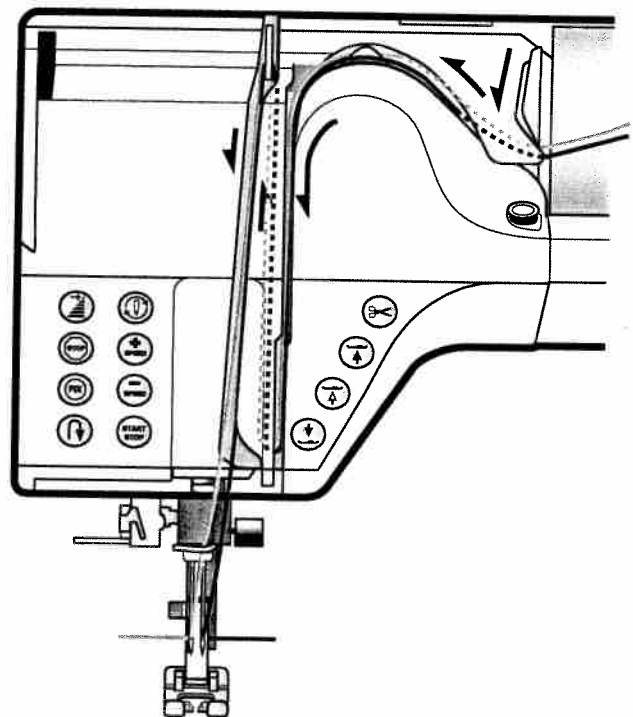
1. Pull the needle threader all the way down, behind the needle.
2. Bring it forward until the metal flanges cover the needle. A small hook will pass through the needle eye.
3. Place the thread around the guide (a) and under the flanges in front of the needle, so the thread catches into the small hook.
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 15 "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 clockwise around the bobbin and into the thread cutter (e).
5. Press the foot control or touch . When the bobbin is filled, the winding will stop automatically. Remove the bobbin and cut off the thread (e). Bring the bobbin spindle up.

## 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.

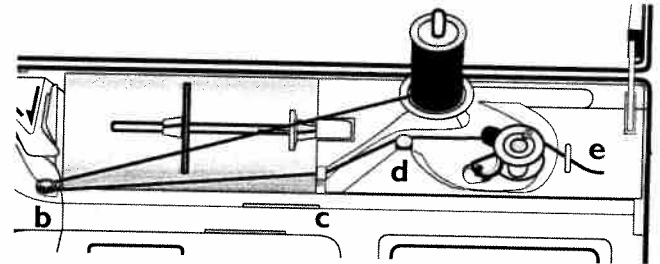
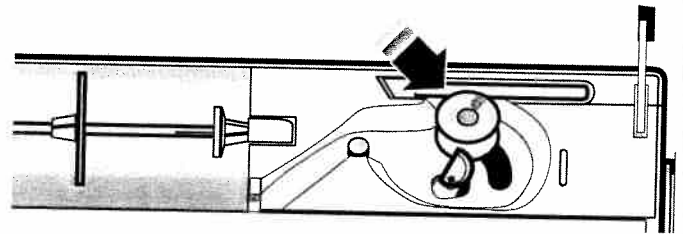
**Only use a metal presser foot when bobbin winding from the needle.**

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).

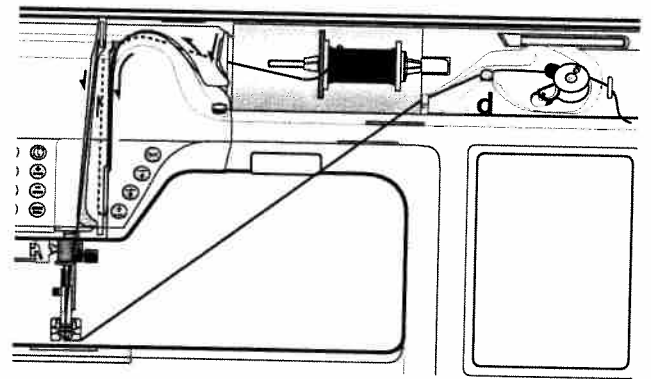
**Note:** We do not recommend winding specialty threads such as invisible or other stretchy threads through the needle. Instead see “Bobbin Winding”.

## Placing the Bobbin in the Machine

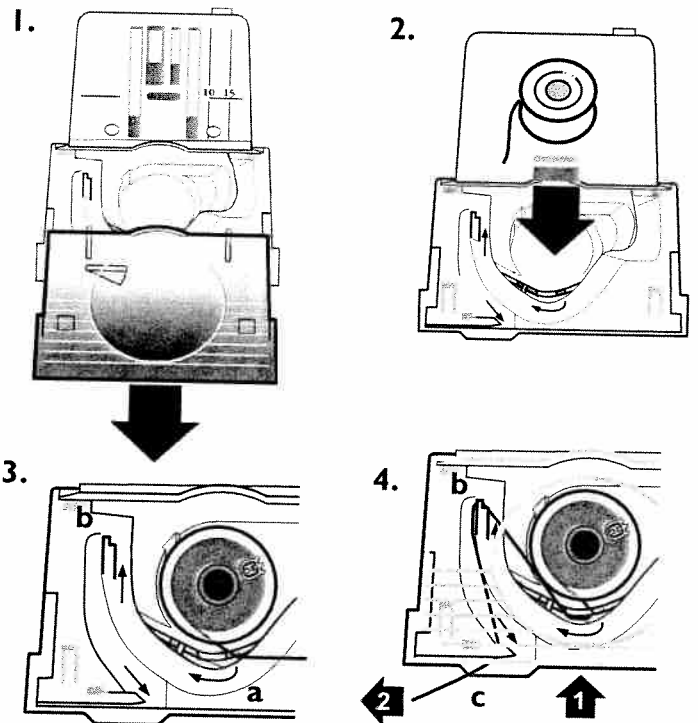
1. Remove the bobbin cover by sliding it towards you.
2. Place the bobbin in the bobbin case with the mark  facing up and the thread to the left of the bobbin. The bobbin will then rotate counter clockwise while pulling out the thread.
3. Place your finger on the bobbin to keep it from turning as you 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).










*Bobbin winding from the spool*

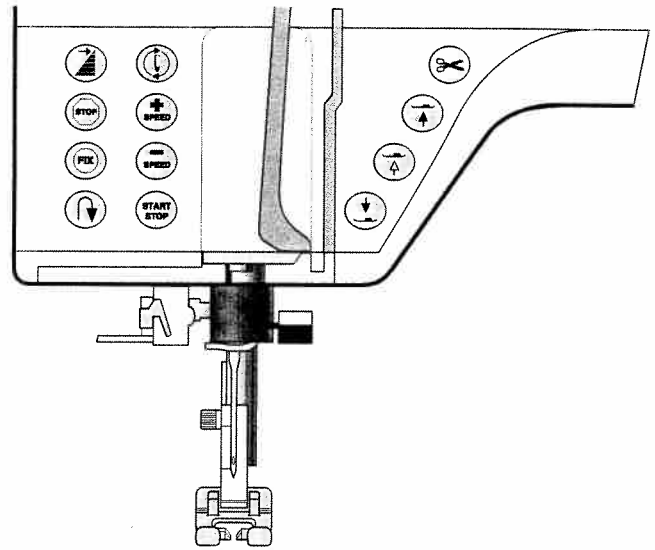







*Bobbin winding from the needle*



## 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 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.
-  **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, Designer II sews a few tie off stitches and goes on with the selected stitch. Touch FIX while sewing and Designer II sews a few tie off stitches and stops automatically.
-  **Reverse** is pressed to sew in reverse. The button lights up. When the button is released, the light goes out and 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 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 **- SPEED** to decrease the sewing speed. 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 Designer II have a pre-set, recommended sewing speed. When you select a stitch 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.
-  **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. 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 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.

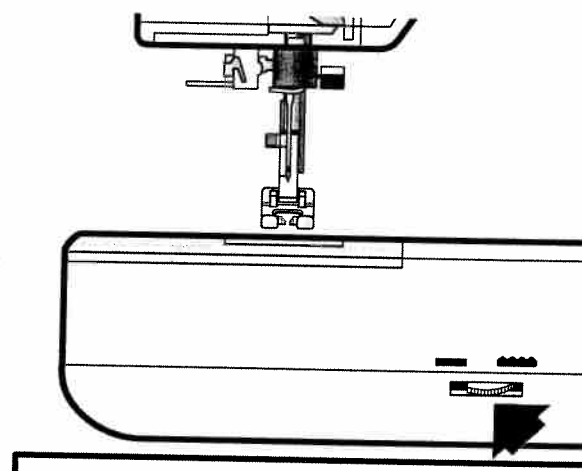
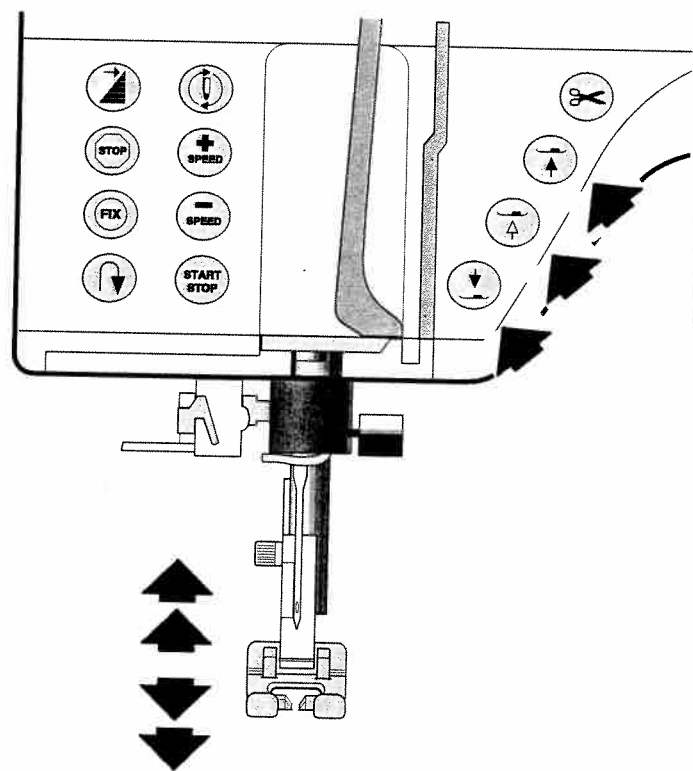
 - Sets foot to pivot position.

 - 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 presser 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 teflon coating underneath, is used when sewing foam, plastic, or leather, minimizing the risk of these materials sticking to the foot.

### Presser Foot J

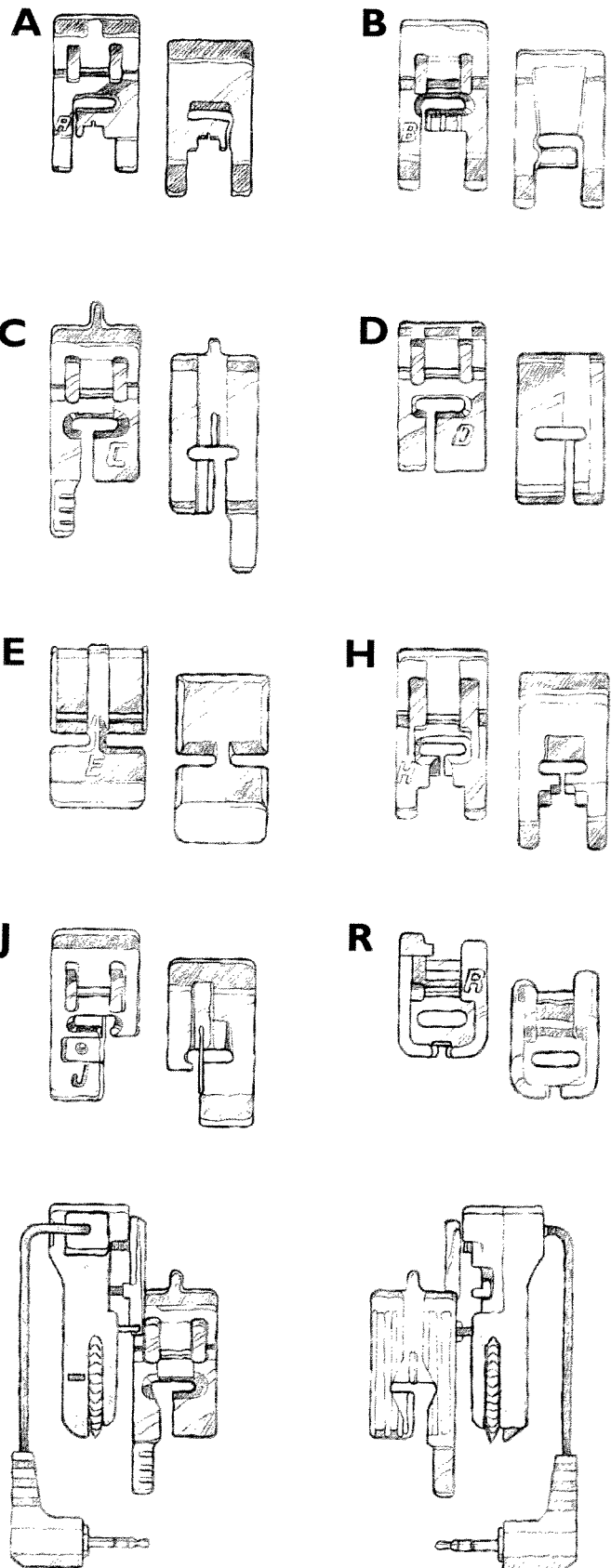
This foot is used for overcasting, seam and overcasting, i.e. stitches which have a stitch width of 5.0 and 5.5 mm. Stitches form over the pin which prevents puckering at the edge of the fabric.

### Presser Foot R

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

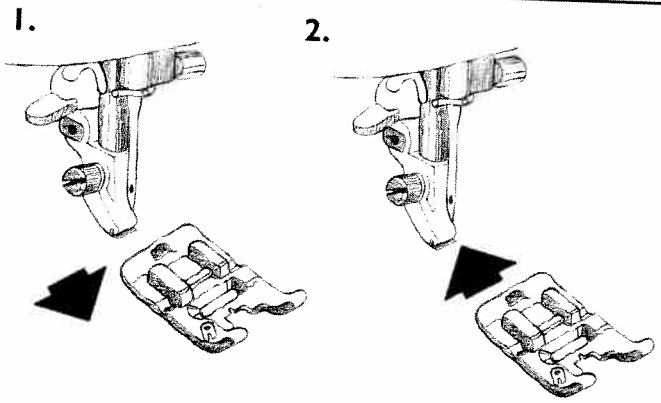
### Sensor Buttonhole Foot

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

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 Designer II contains needles of the most used sizes for sewing in woven and stretch fabrics.

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

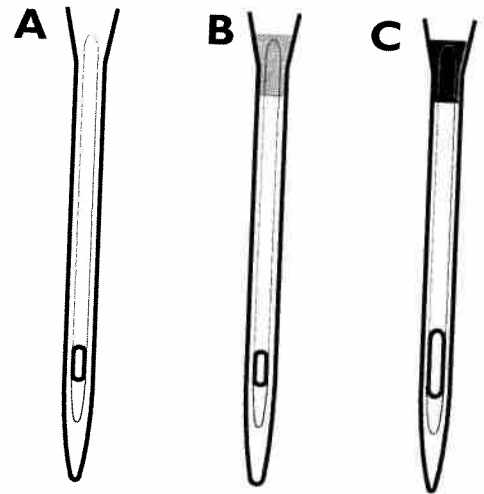
These needles are used for sewing in all woven fabrics. The needle point is designed to penetrate between the threads of the fabric so the fabric will not be damaged.

### 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.

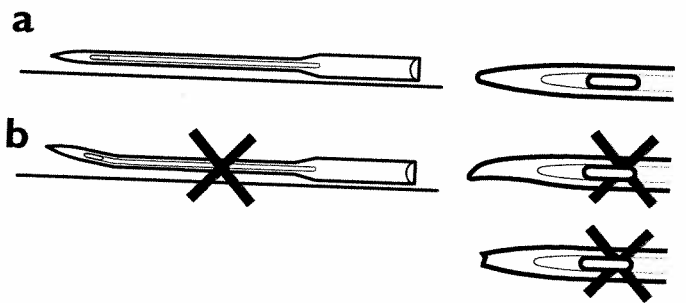
### C Jeans Needles Sizes 90 and 100

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.



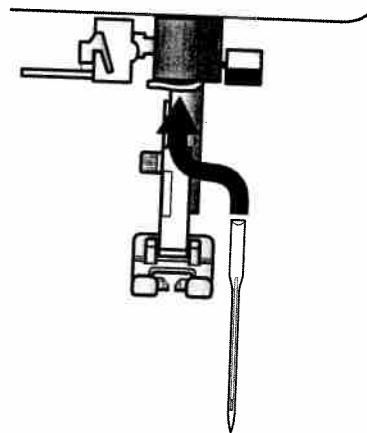
**Note:** Change the needle often, always use a straight needle with a sharp point (a).

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

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

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. Three Stitch d-Cards are included with Designer II; Utility Stitches, A<sub>1</sub>, Fashion Stitches, N<sub>1</sub> and Block Letters Alphabet, O<sub>1</sub>.

**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.

### Utility Stitches

Stitch d-Card A<sub>1</sub> 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. Button-holes and stitches that are perfect for darning and mending are also found on the Stitch d-Card A<sub>1</sub> Utility stitches.

### Fashion Stitches

Stitch d-Card N<sub>1</sub> Fashion, features a variety of stitches that can be used for decorative sewing.

### Block Letters

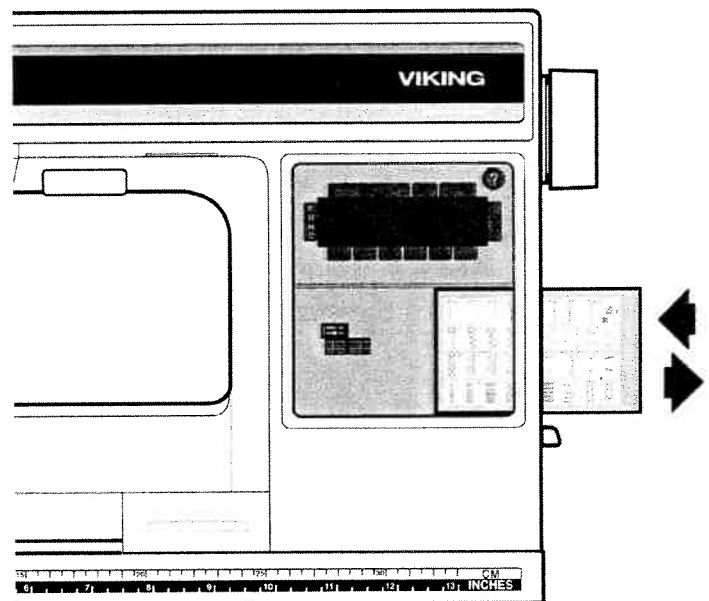
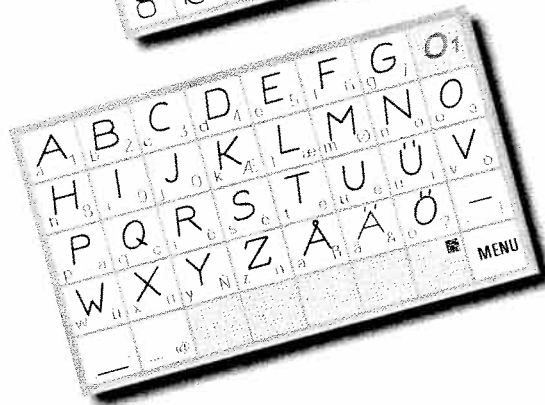
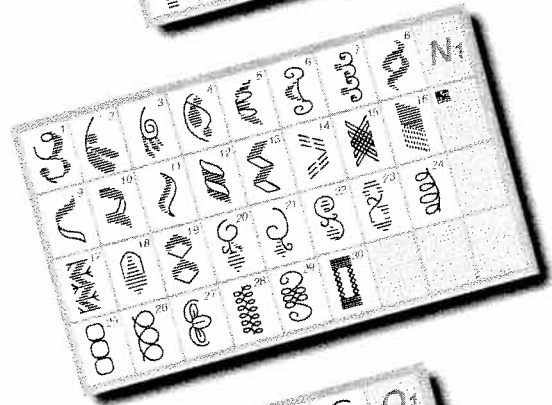
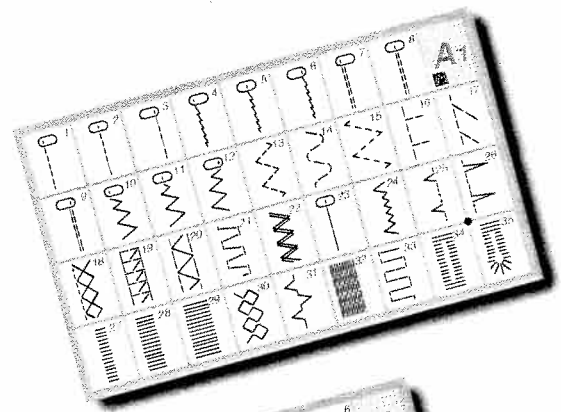
Stitch d-Card O<sub>1</sub> Block letters, features upper case letters, lower case letters and numbers/special characters.

## 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

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 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 (for optional Embroidery Theme).

## 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 Designer II selects the stitch and settings (see page 18).

### SET

Touch SET to change default machine settings and functions (see page 19-21).

### ADJUST

Use this function to adjust stitch length, stitch width, elongation and mirror image (see page 22).

### FUNC

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

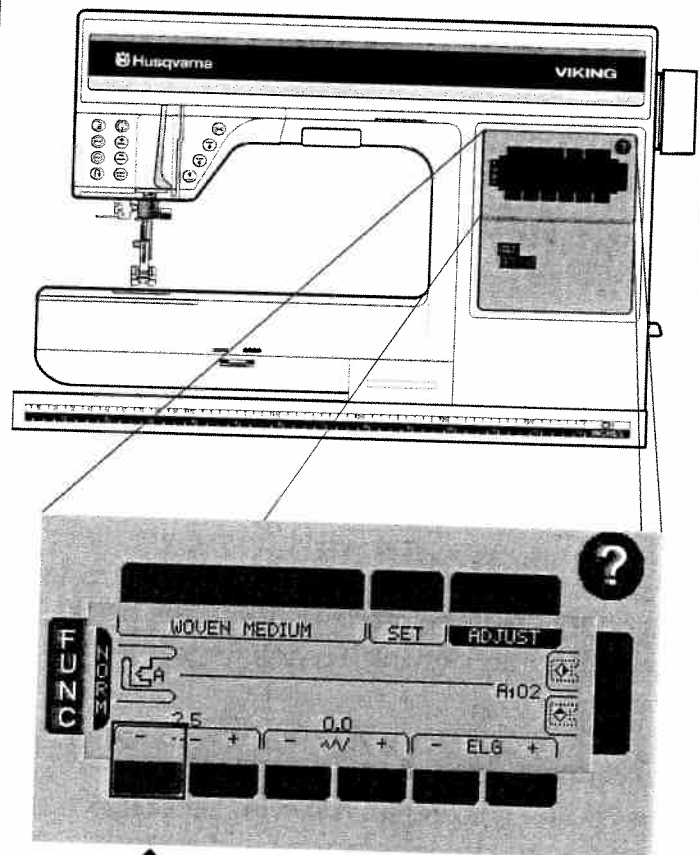
**NORM** is used for all normal sewing.

**PROG** is used to program stitches such as letters and decorative sequences (see page 54).

**REP** is used to sew the stitch combinations programmed in PROG (see page 56).

### HELP (?)

Recommends needle size and type, when to lower feed teeth, stabilize fabric, cord button-holes, etc (see page 22).

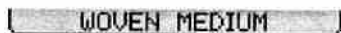


*The dark grey tabs surrounding the display are extended touch areas for the icon adjacent to them.*

## Sewing Advisor

Select fabric type and sewing technique from the Sewing Advisor, then 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 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.

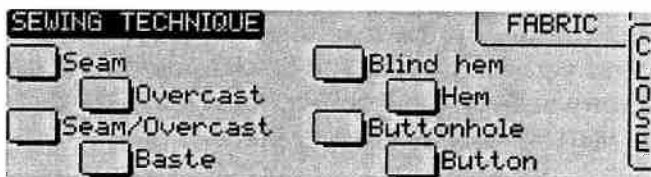
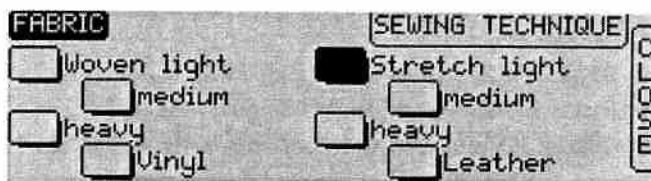
To select a new Sewing Technique just touch another technique button.

Move between the menus by touching **FABRIC** or **SEWING TECHNIQUE**.

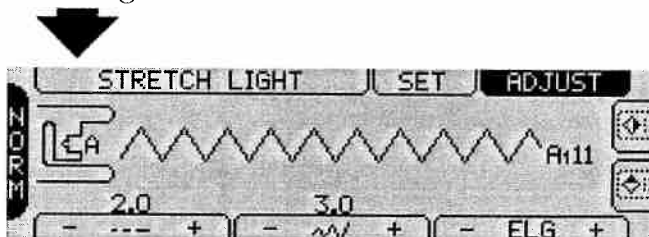
To close the Sewing Advisor touch **CLOSE**.

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

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



The chosen fabric is indicated on the Sewing Advisor tab.



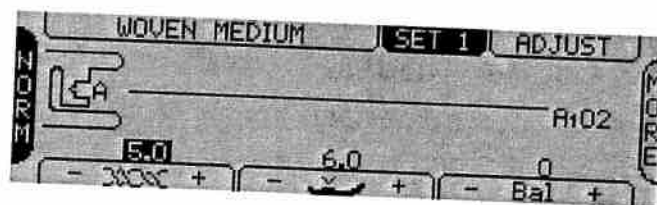
## SET Menu

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 Designer II is turned off or until you re-set. Some of the settings remain even if 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 **- Tension +**

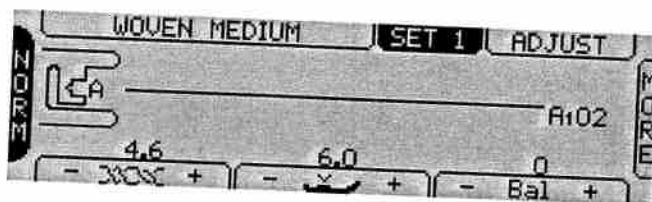
Adjust top thread tension by touching **+** or **-**. The number indicates the tension setting. The higher the number the more tension on the top thread.

#### Presser Foot Pressure or Lift Height **- Pressure +**

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 **- Bal +**

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

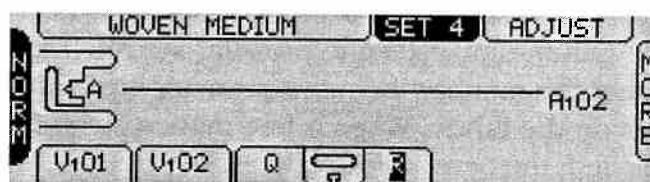
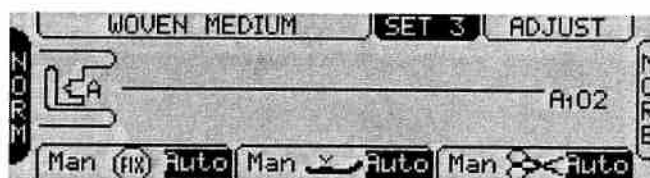
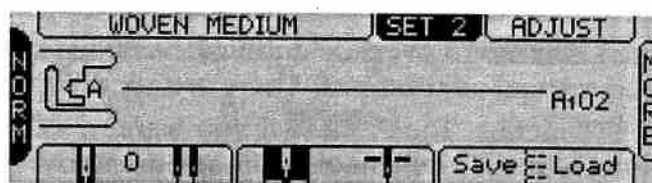
### Free Motion Sewing

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

**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.

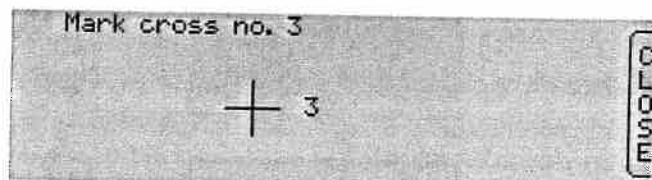
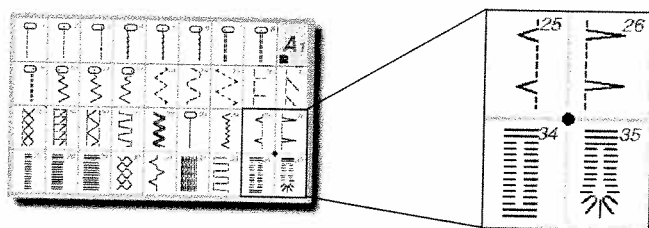
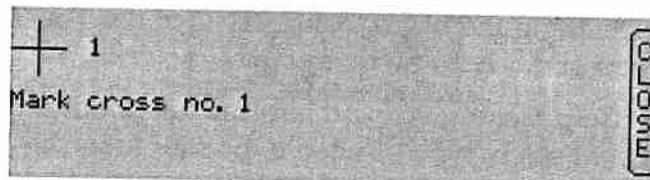
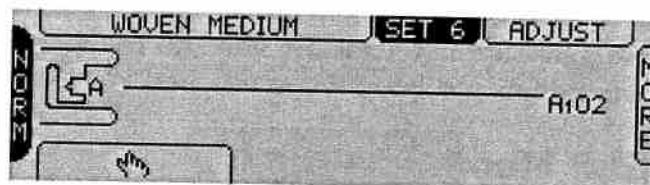
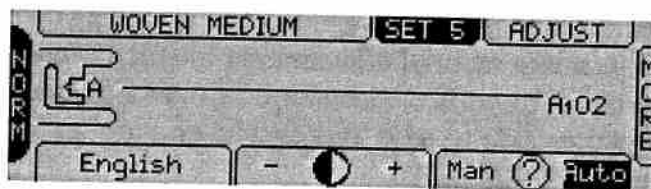
Touch ☞ and the calibration screen appears.

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 red 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**.

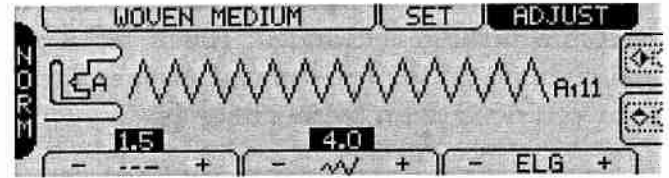
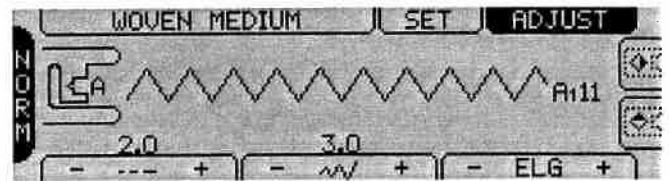
The stitch length **[ - 2.0 + ]**, stitch width **[ - 3.0 + ]** and elongation **[ - ELG + ]** can be changed by touching **[ ]** or **[ ]**. Minimum and maximum settings are indicated with a “beep” signal.

**Note:** The elongation function is only available when sewing satin stitches (see page 53).

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 21).

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



Button Reed



Feed teeth

up



down

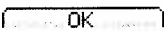




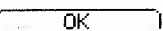
## Pop-up Menu

Designer II features a number of Pop-up menus that appear on the Touch Screen to indicate what to do when 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 Designer II stops automatically if the top thread runs out or breaks. Rethread the top thread, touch  and continue to sew.

### Empty Bobbin

Your Designer II stops automatically when the bobbin thread is almost empty. Replace the empty bobbin with a full one, touch  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

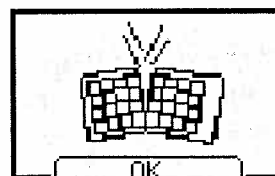
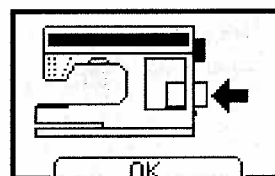
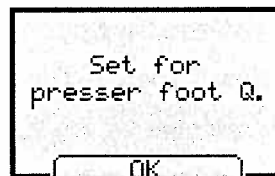
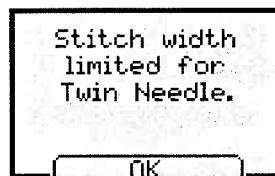
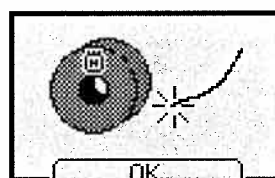
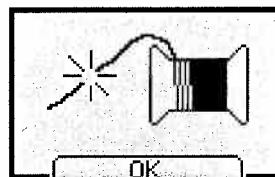
The Sensor Q Foot Pop-up appears if the Sensor Q Foot function is activated in **SET 4** when the machine is turned on.

### No d-Card Inserted

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

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 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  to start and stop the machine without using the foot control.


### The Stitch d-Card

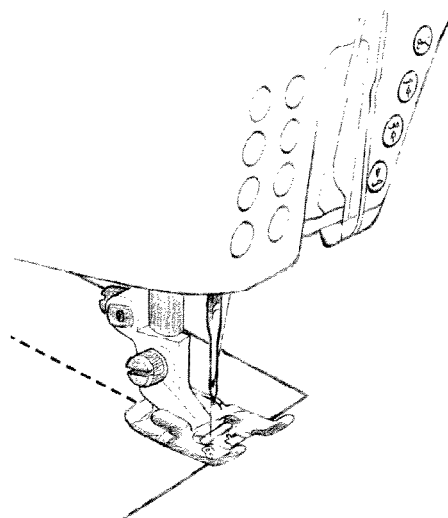
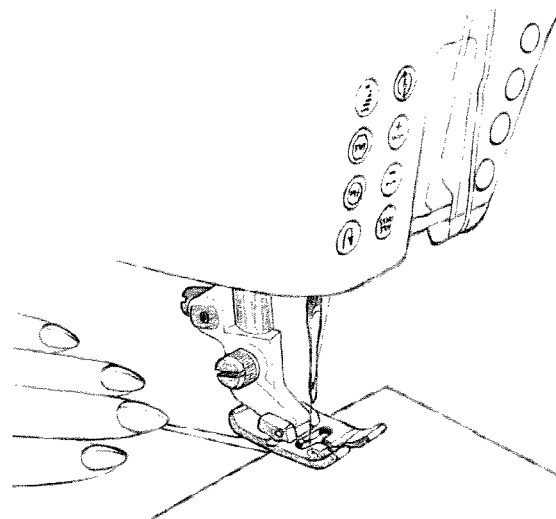
Follow the instructions above, but instead of consulting the Sewing Advisor, select a stitch directly from one of the Stitch d-Cards (see page 16).

## Finish Sewing

- Lift your foot from the foot control.

**Note:** If you are sewing without using the foot control, stop the machine by touching .

- Touch the Thread Cutter . Designer II cuts the top and bobbin threads. The presser foot and the needle are automatically raised to up position.



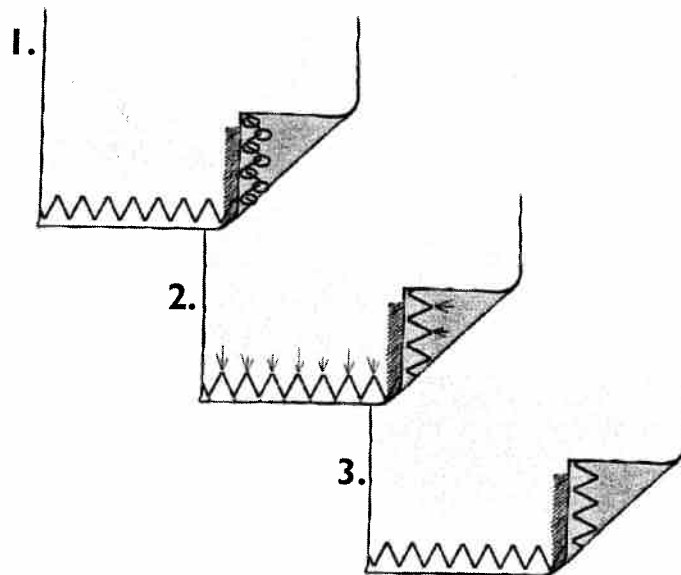
## Thread Tension

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 19.

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

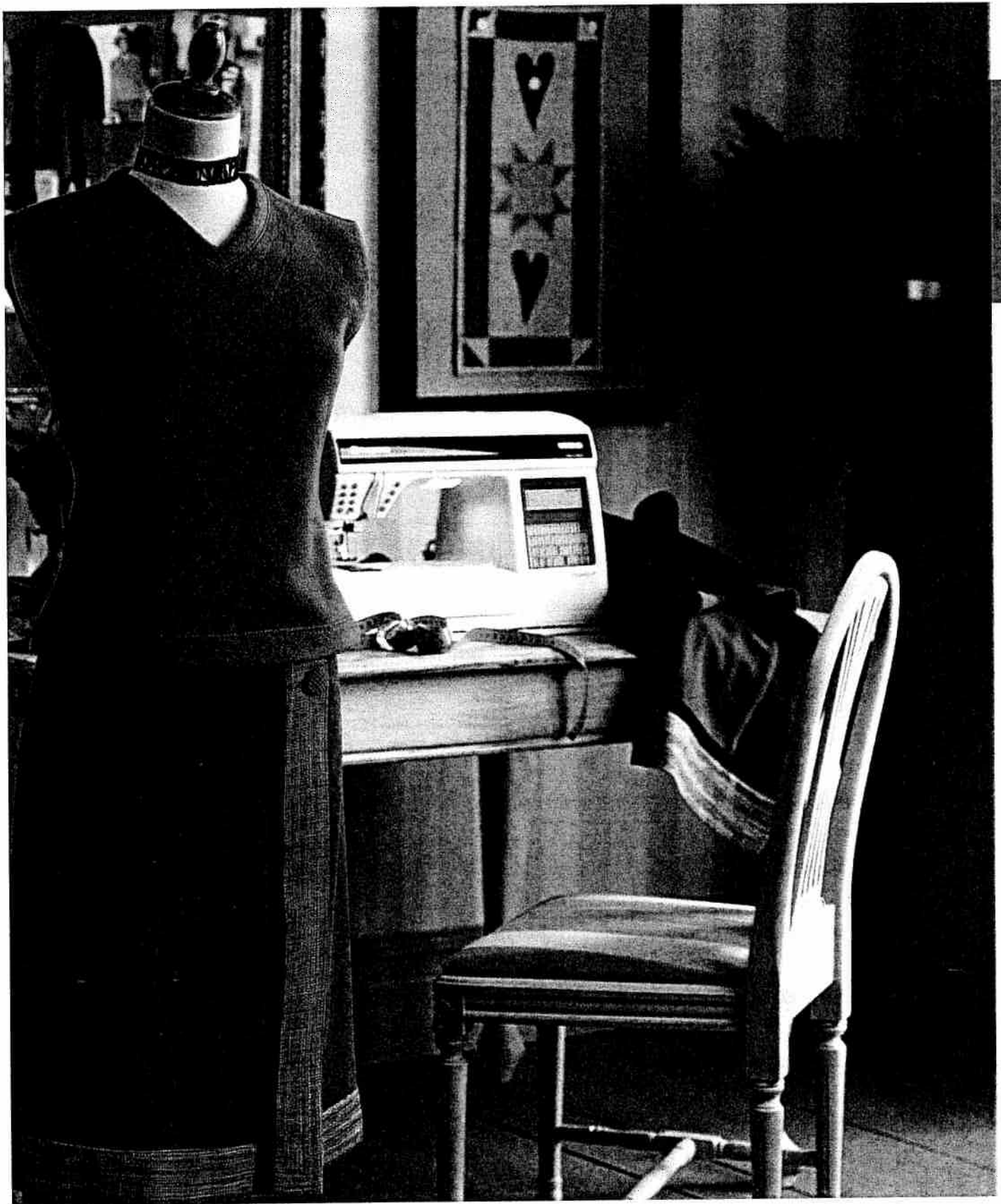
1. Begin with a tension that is too loose, i.e. set at the lowest number. The lower thread will lie straight and the upper thread will be drawn down on the underside.
2. If you set the tension at the highest number, the opposite will occur, and the seam may pucker.
3. The correct thread tension is set 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 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.

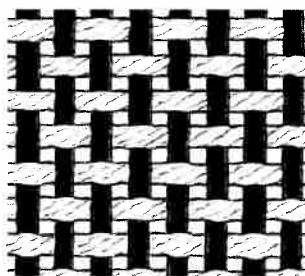
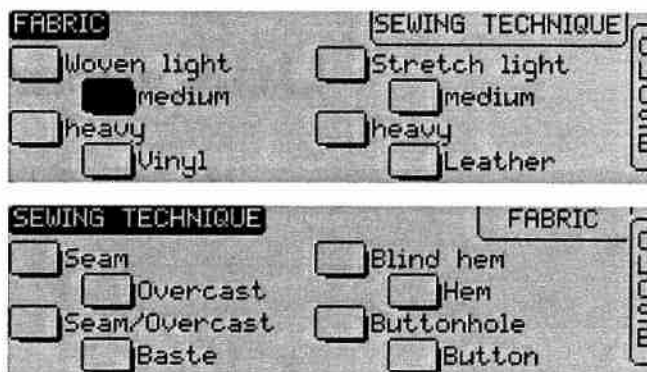
*Woven medium:* for calico, quilting fabrics, wool crepe, and broadcloth, etc.

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

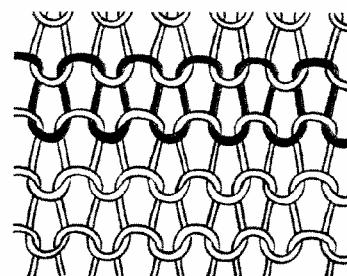
*Stretch light:* for charmeuse nylon, single knit jerseys, etc.

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

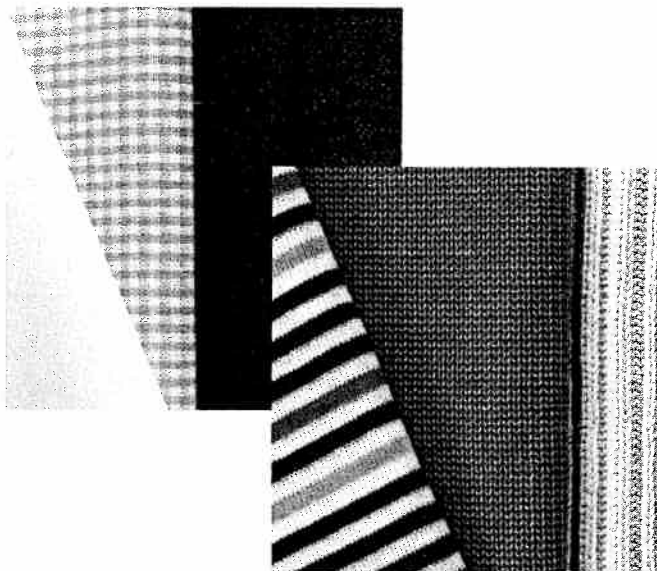
*Stretch heavy:* for sweater knits, fleece, etc.



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.

## 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.

## 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.

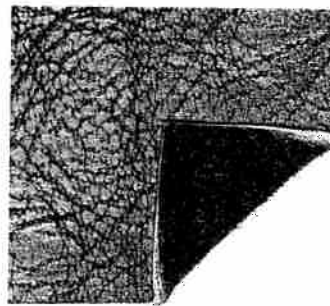
### Invisible Thread

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

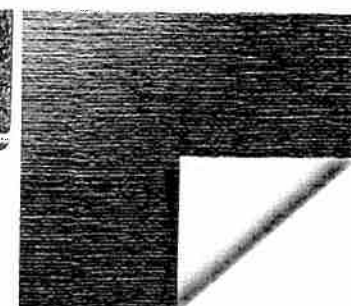
*As you read the following instructions, sew the step by step exercises to learn your Husqvarna Viking Designer II sewing machine to the fullest.*

## Use the Function Buttons

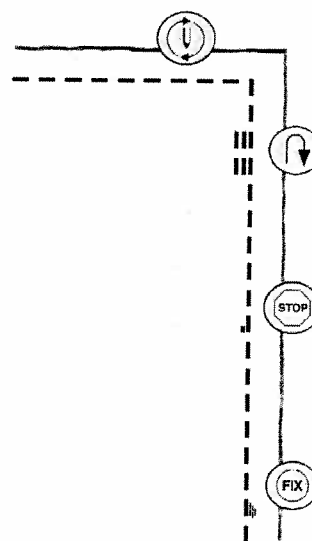
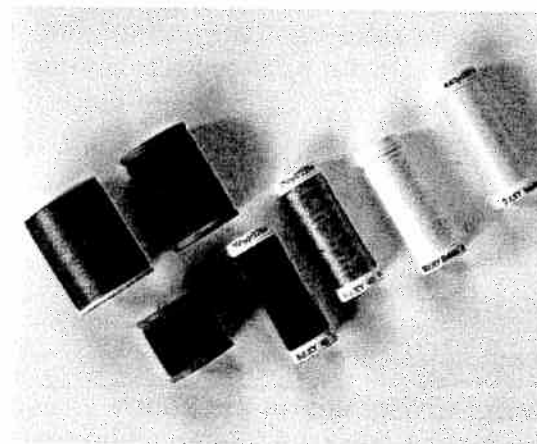
- If you need to adjust fabric, touch Pivot (⏸).
- Touch Needle stop down (⏹). When stopping the machine, Sensor Foot raises to the pivot position with the needle in the fabric. This is very useful when you need to pivot the fabric.
- Touch (↶) to lock stitch. This button is also touched when you want 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.



Leather



Vinyl





## 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

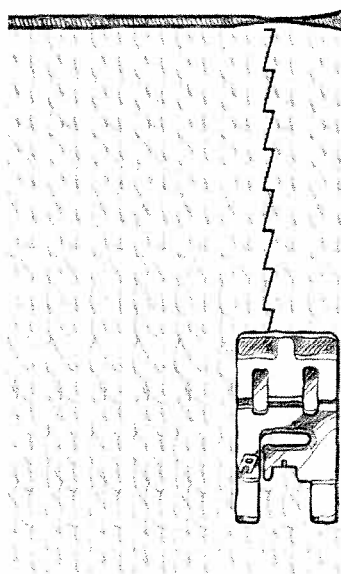
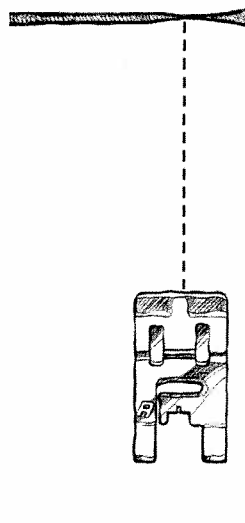
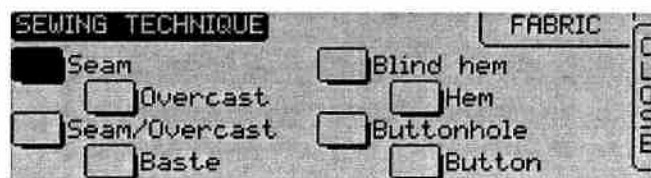
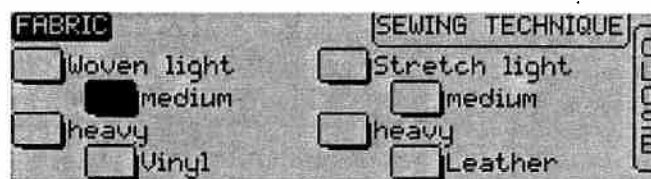
**Fabric:** Stretch light, cut in two.

**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:

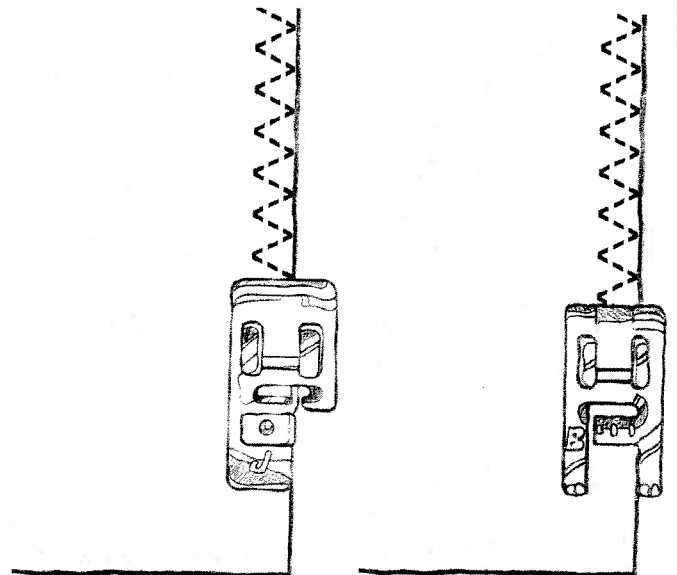
- Step on foot control. The Sensor Foot lowers automatically.
- Sew to overcast the edge of the fabric.
- Touch .

**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).

FABRIC		SEWING TECHNIQUE	
<input type="checkbox"/> Woven light	<input checked="" type="checkbox"/> medium	<input type="checkbox"/> Stretch light	<input type="checkbox"/> medium
<input type="checkbox"/> heavy	<input type="checkbox"/> Vinyl	<input type="checkbox"/> heavy	<input type="checkbox"/> Leather

SEWING TECHNIQUE		FABRIC	
<input type="checkbox"/> Seam	<input checked="" type="checkbox"/> Overcast	<input type="checkbox"/> Blind hem	<input type="checkbox"/> Hem
<input type="checkbox"/> Seam/Overcast	<input type="checkbox"/> Baste	<input type="checkbox"/> Buttonhole	<input type="checkbox"/> Button



## 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 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.

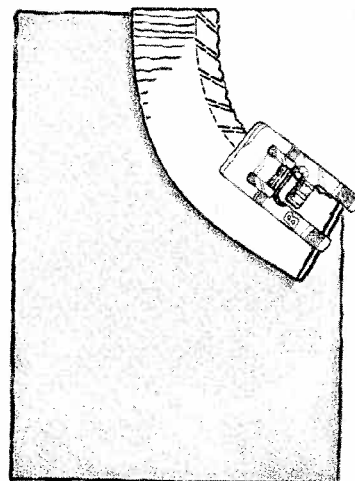
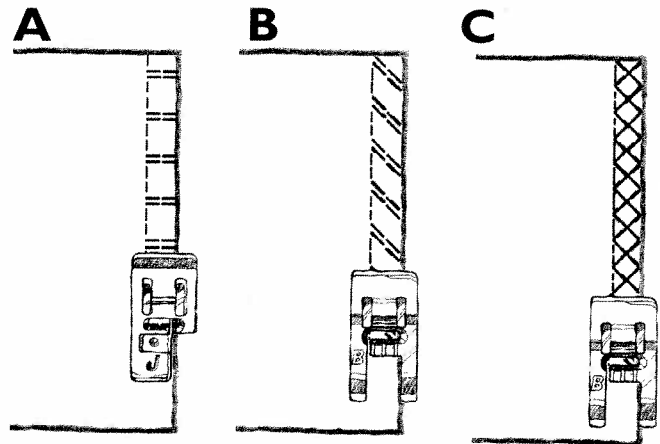
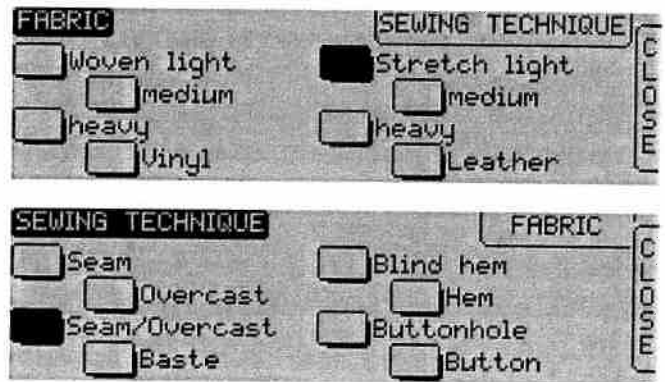
### Sew:

- 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.

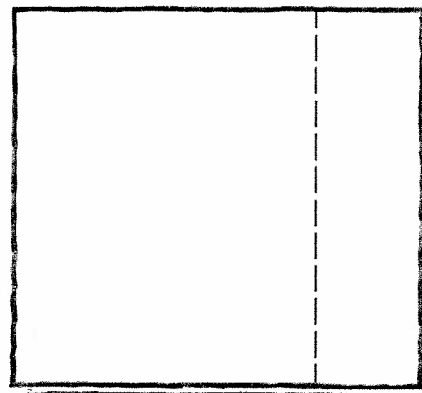
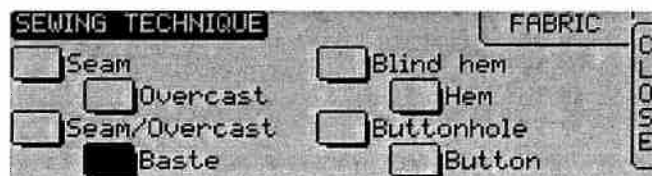
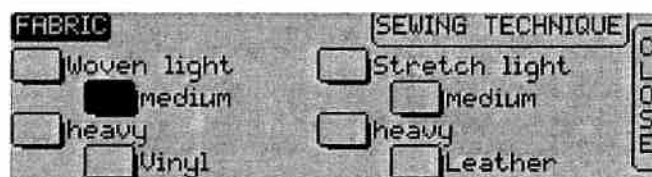
**Use:** Presser foot A and size 80 needle as recommended.

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.

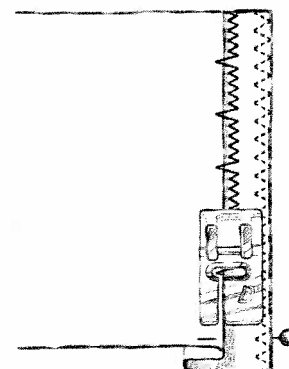
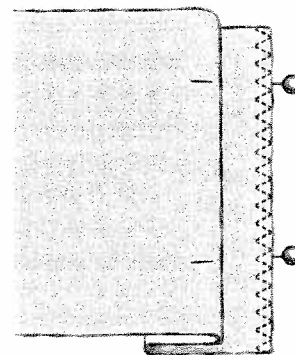
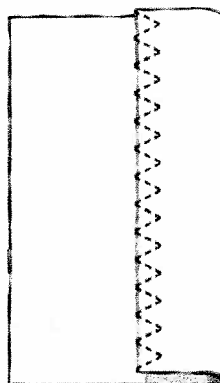
### Sew:

- 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 (✂).

FABRIC		SEWING TECHNIQUE	
<input type="checkbox"/> Woven light	<input type="checkbox"/> medium	<input type="checkbox"/> Stretch light	<input checked="" type="checkbox"/> medium
<input type="checkbox"/> heavy	<input type="checkbox"/> Vinyl	<input type="checkbox"/> heavy	<input type="checkbox"/> Leather
SEWING TECHNIQUE		FABRIC	
<input type="checkbox"/> Seam	<input type="checkbox"/> Overcast	<input checked="" type="checkbox"/> Blind hem	<input type="checkbox"/> Hem
<input type="checkbox"/> Seam/Overcast	<input type="checkbox"/> Baste	<input type="checkbox"/> Buttonhole	<input type="checkbox"/> Button



## 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 .

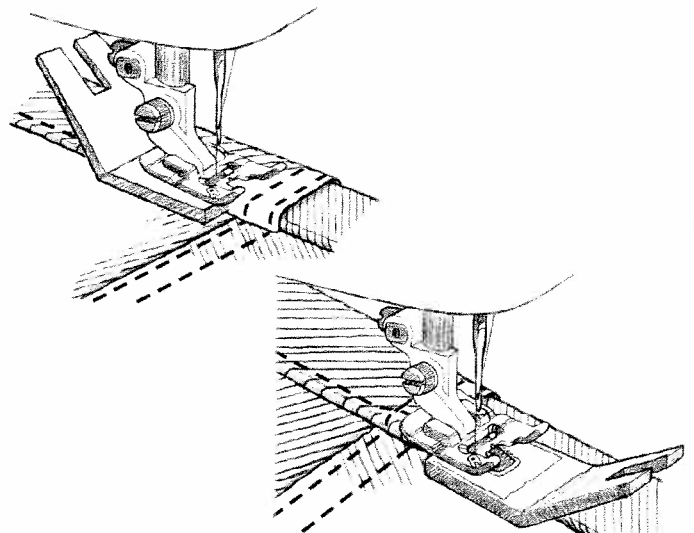
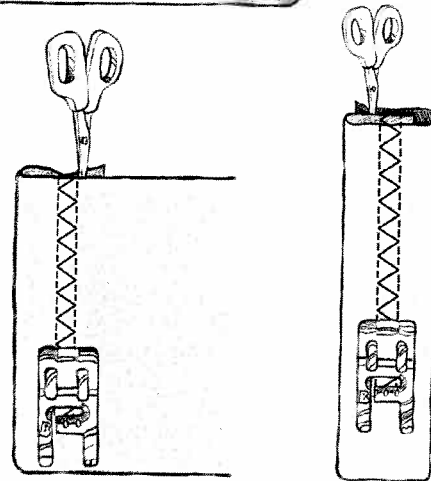
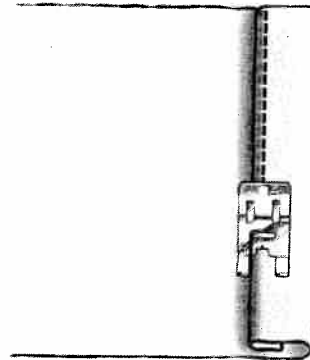
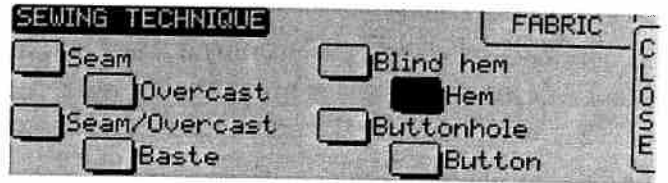
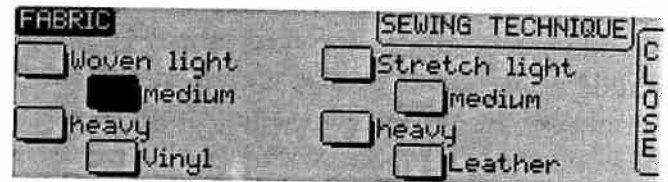
**Repeat** this technique on a Stretch medium fabric. The Sewing Advisor selects a flatlock stitch. Follow other recommendations given on the Touch Screen.

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.

**D** 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 button reed to balance the height of the hem as you sew.

Place it behind the foot as you approach the hem and in front of the foot as you sew over the hem thickness. Remove the button reed 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 A<sub>1</sub> (see page 44). A buttonhole Stitch d-Card (B<sub>1</sub>) 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 recommended. Snap on the Sensor Buttonhole Foot as indicated on the Touch Screen by the black wheel 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.

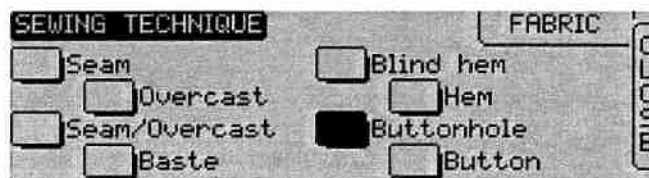
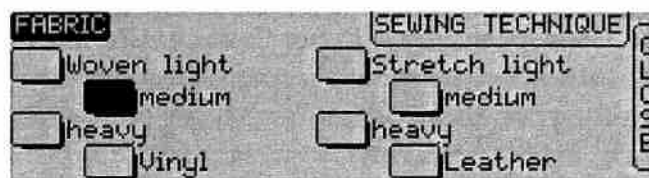
In **ADJUST** you can enter the buttonhole size with the  $\oplus$  or  $\ominus$  button. Average buttonhole sizes are: 16 mm (5/8"), 20 mm (3/4"), 25 mm (1"). Maximum buttonhole size when using the Buttonhole Sensor Foot is 50 mm (2").

 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.

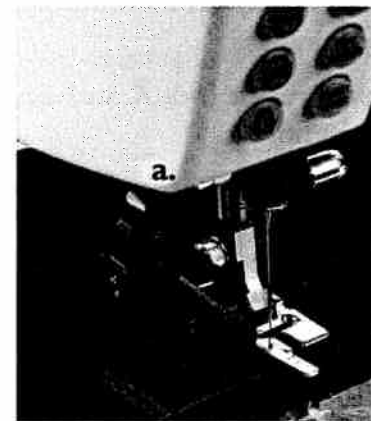
### Sew:

- 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.

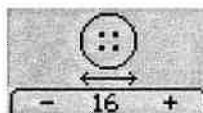
Use the markings on the left toe of the Sensor Buttonhole Foot to position the garment edge. Place the edge of the garment at the middle mark to have 5/8" (15 mm) from the edge to the buttonhole.



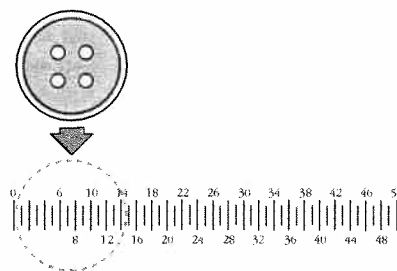
Icon for Sensor Buttonhole Foot



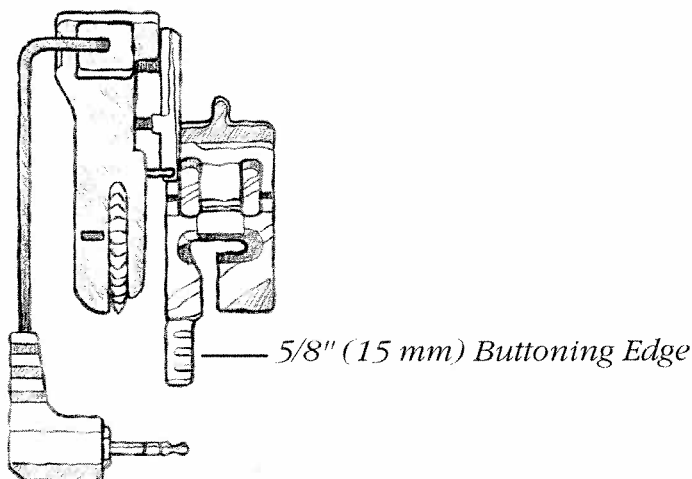
Sensor Buttonhole Foot socket



Enter buttonhole size in ADJUST



Buttonhole Rule





- Step on the foot control. Begin sewing the buttonhole. The Sensor Foot lowers automatically and the machine will sew the left column away from you. Stitch the buttonhole. The Thread Cutter cuts the threads and raises the presser foot automatically when the buttonhole is completed.

**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 45.

## Button




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

**Fabric:** Woven medium

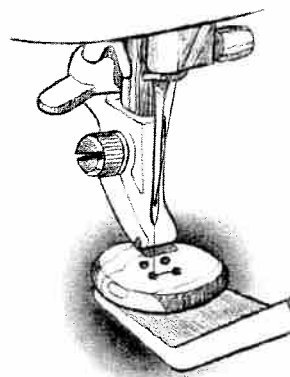
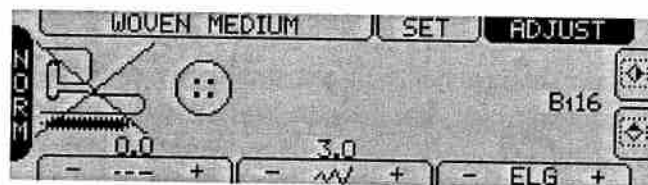
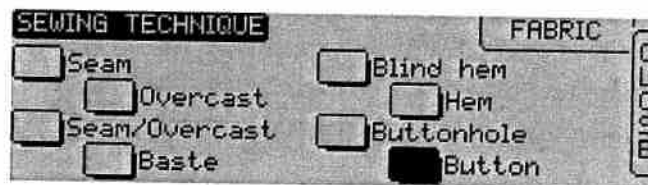
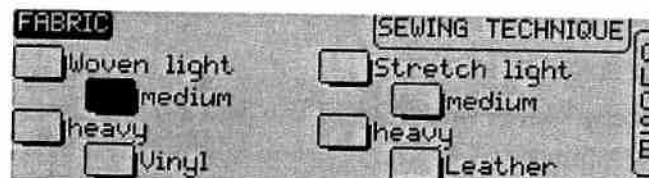
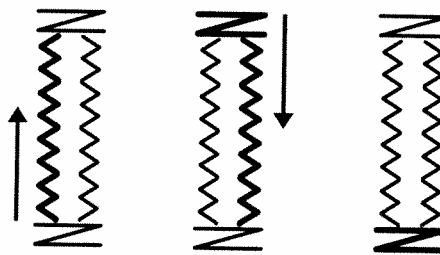
**Touch:** Woven medium fabric and Button technique in the Sewing Advisor.

**Use:** Size 80 needle and the button reed 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 button reed 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  to repeat for the next button.
- Raise feed teeth when button sewing is completed.

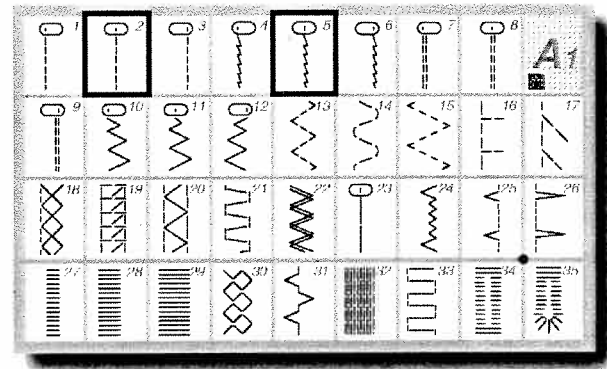
**Note:** The width of the zigzag is set for most buttons. If you sew a tiny button or a very large coat button, touch **ADJUST** and increase (⊕) or decrease (⊖) the stitch width until the swing of the needle sews in the holes of the button or snap.



## 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 16), 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 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)

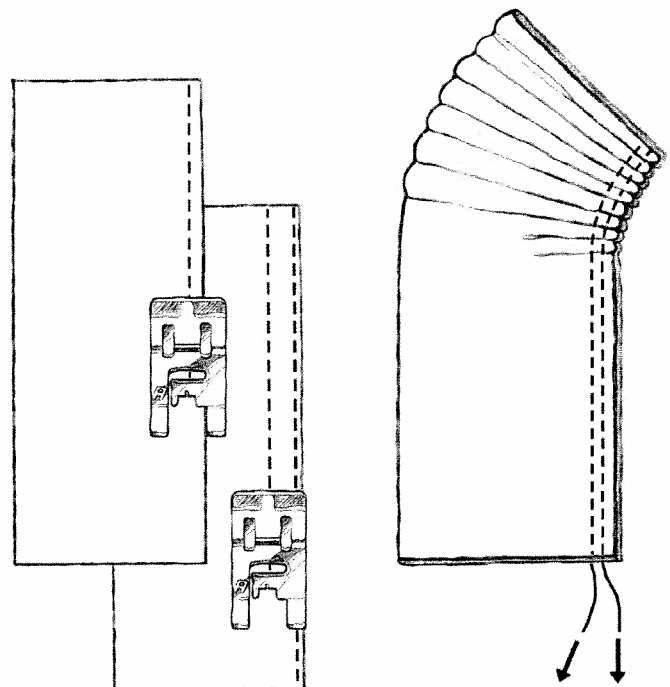
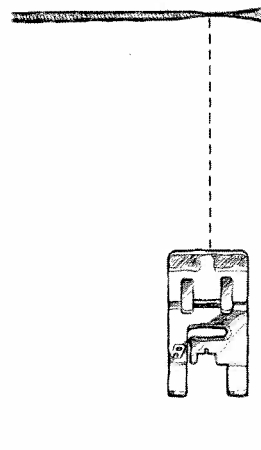
**Touch:** Stretch light in the Sewing Advisor and select Stretch Stitch (A105) from the Stitch d-Card A1. Your Designer II will automatically make the standard settings. The Touch Screen will show you all information you need to get the best result.

 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 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 topstitch.


**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 12 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.

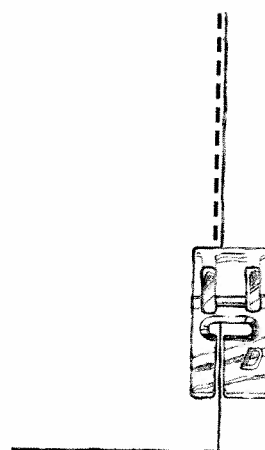
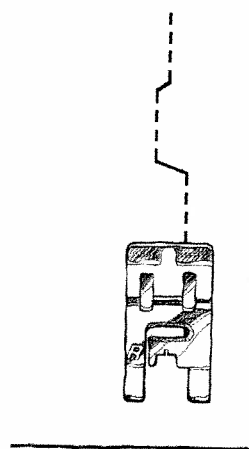
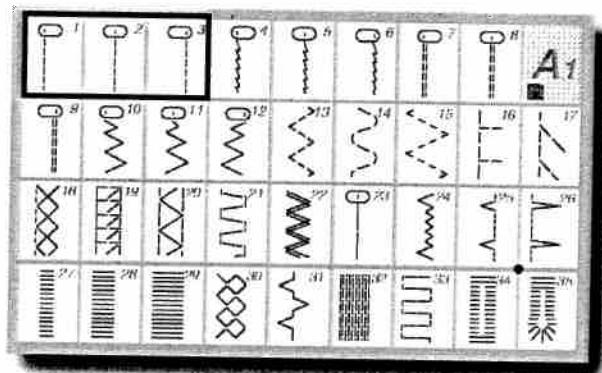
To sew about 1/4" (6 mm) from the edge, touch stitch A103 and adjust the stitch width to 3.5.

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.

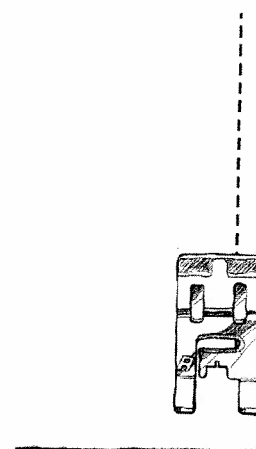
To get the maximum feeding when edge stitching close to the edge, place the fabric and sew with left needle position (A101) so that the edge follows the inside right edge of the presser foot D, or the first mark of the left edge of the presser foot A.

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

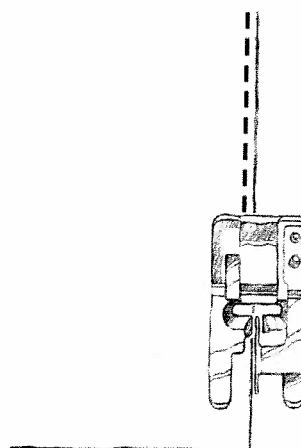
 Snap on the optional Edge Stitching Foot or Edge Joining Foot for topstitching with different needle positions. The flange guides the edge of the fabric.



Presser foot D



Presser foot A



Optional Edge  
Stitching Foot



## 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 .

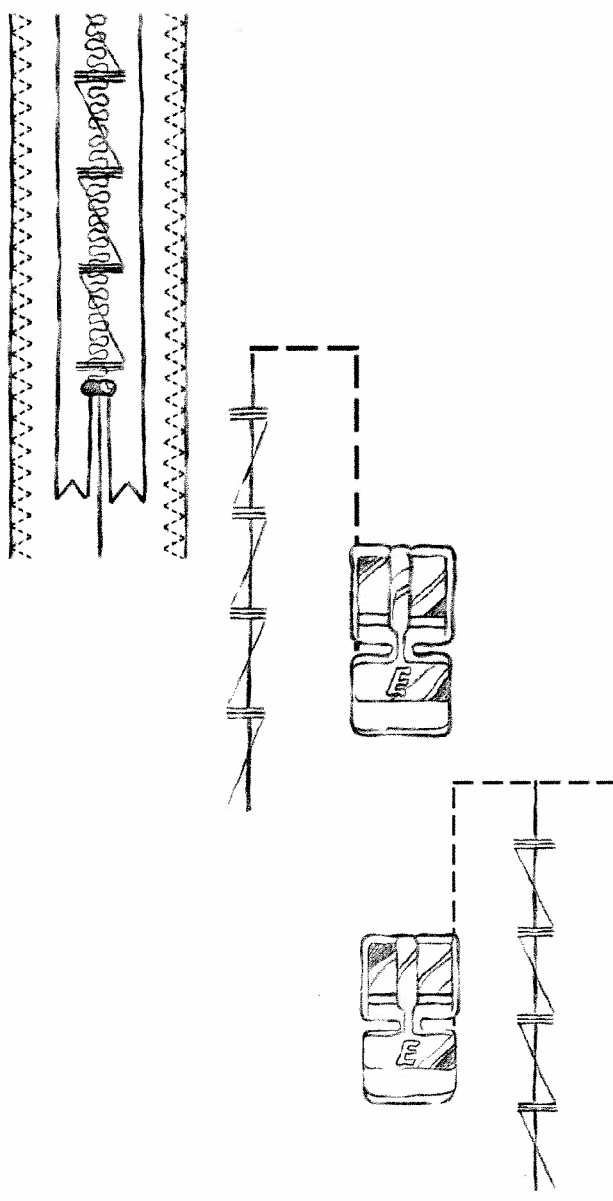
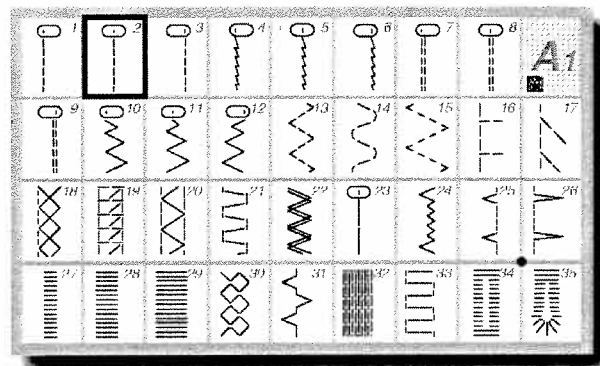
**Insert:** Stitch d-Card A1, touch stitch A101 for left needle position straight stitch.

**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 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

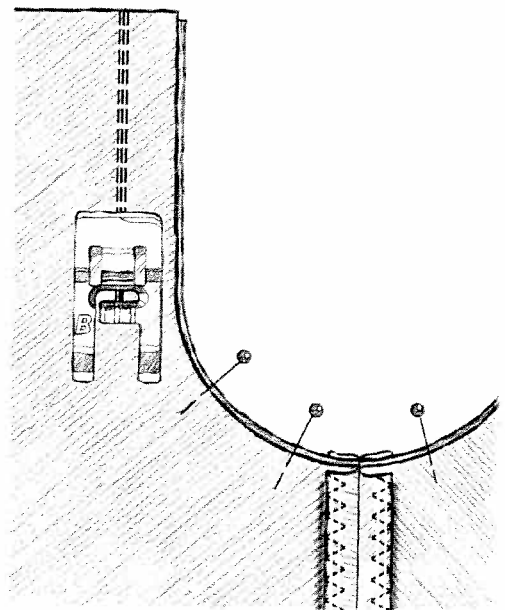
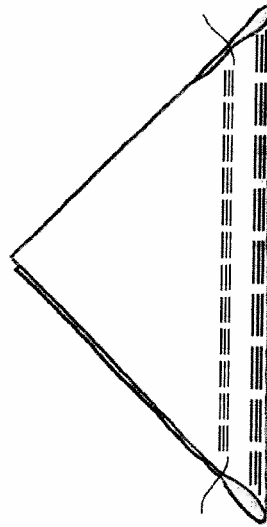
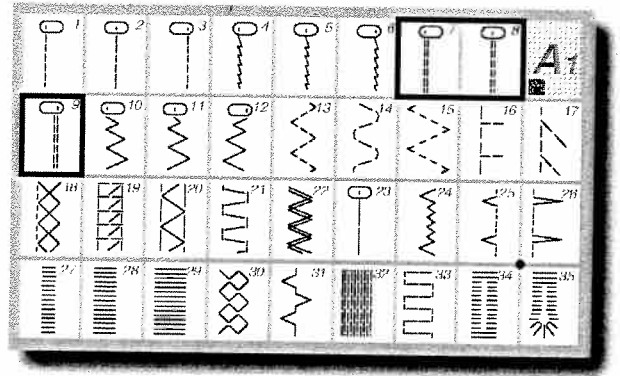
**Touch:** Woven heavy fabric in the Sewing Advisor and Stitch A108.

**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 A13, three-step zigzag, is up to 1/4" (6 mm) wide and suitable for light and medium fabrics. Stitch A15 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 A14 is a serpentine stitch used for mending and darning stretch fabrics.

**Touch:** Woven Medium in the Sewing Advisor and select the stitch A13, three-step zigzag. Your Designer II will automatically make the standard settings. The Touch Screen will show you all information you need to get the best result.

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

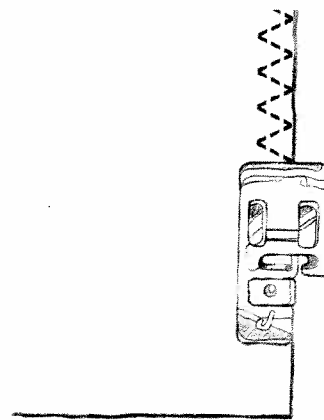
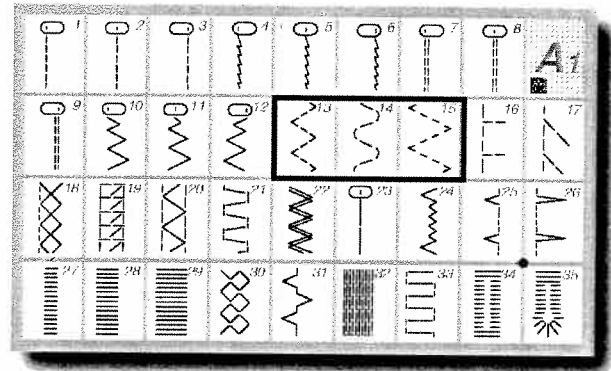
Size 80 needle as recommended.

### Sew:

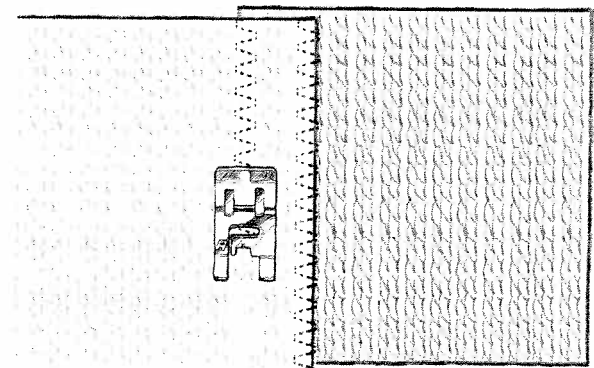
- Put the fabric in position under the presser foot.
- Step on foot control. The Sensor Foot lowers automatically.
- If you need to adjust fabric, touch Pivot .
- Sew to overcast the edge of fabric.
- Touch .

Stitch A14 - the serpentine stitch - is used to sew an overlapped seam and for mending and darning stretch fabrics.

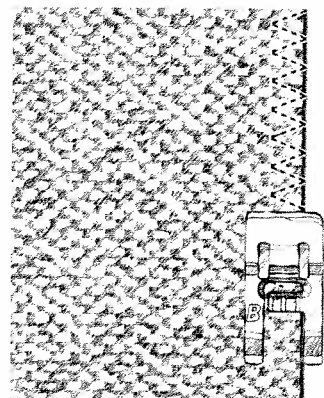
Stitch A15 is used for loosely woven and heavy fabrics.



Stitch A13



Stitch A14



Stitch A15

## 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.

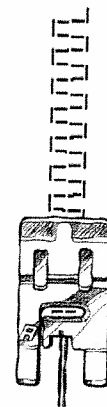
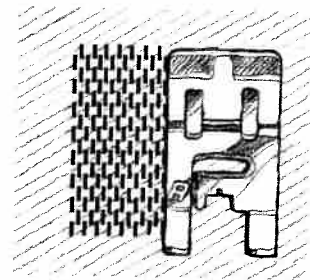
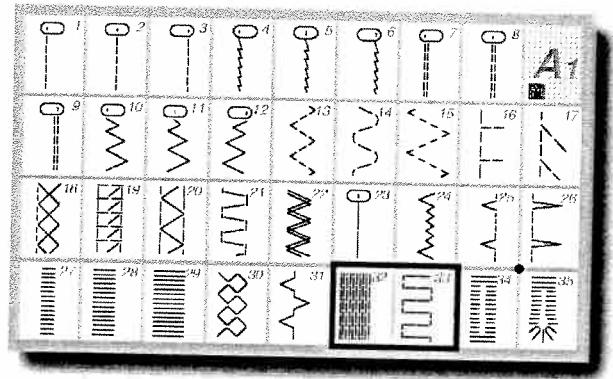
#### Sew:

- 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 twelve 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 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 measures as it sews, every buttonhole will be the same size (see pages 36-37). The buttonholes on your 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).

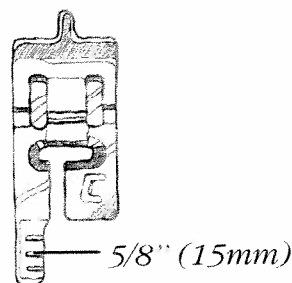
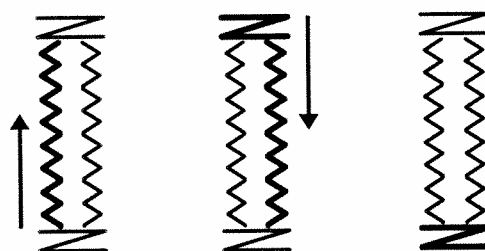
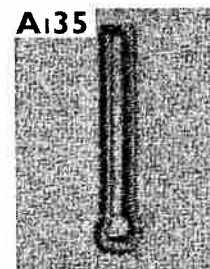
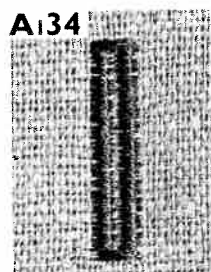
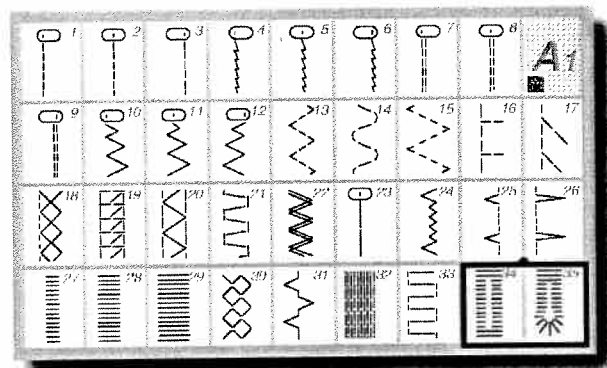
### Step by Step Buttonhole

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 . The machine will bar tack the end and stitch the right side.
- Touch  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

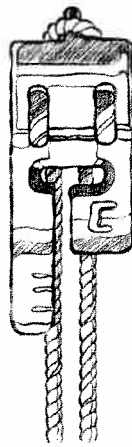
Cut buttonhole open with the seam ripper. Place a straight pin across the end you are cutting toward to avoid cutting too far!



## Corded Buttonhole (Stretch Fabrics)

When sewing buttonholes in stretch fabrics 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).

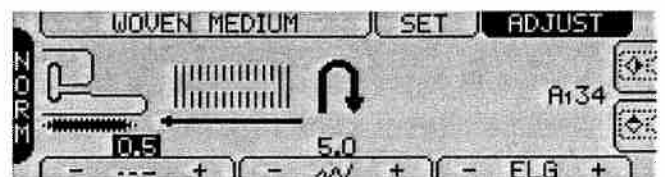
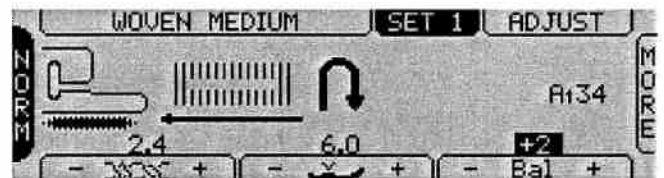
The setting will be retained until Designer II is turned off.

**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

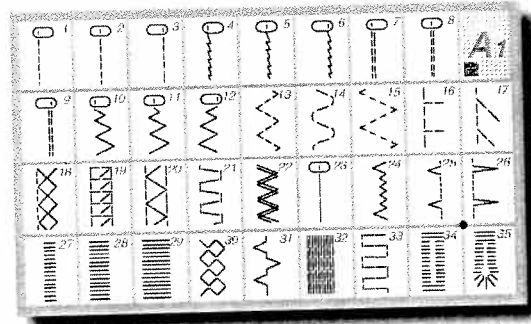
Seam and overcast in one step along the edge or trim later. For heavy stretch fabrics.

### 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

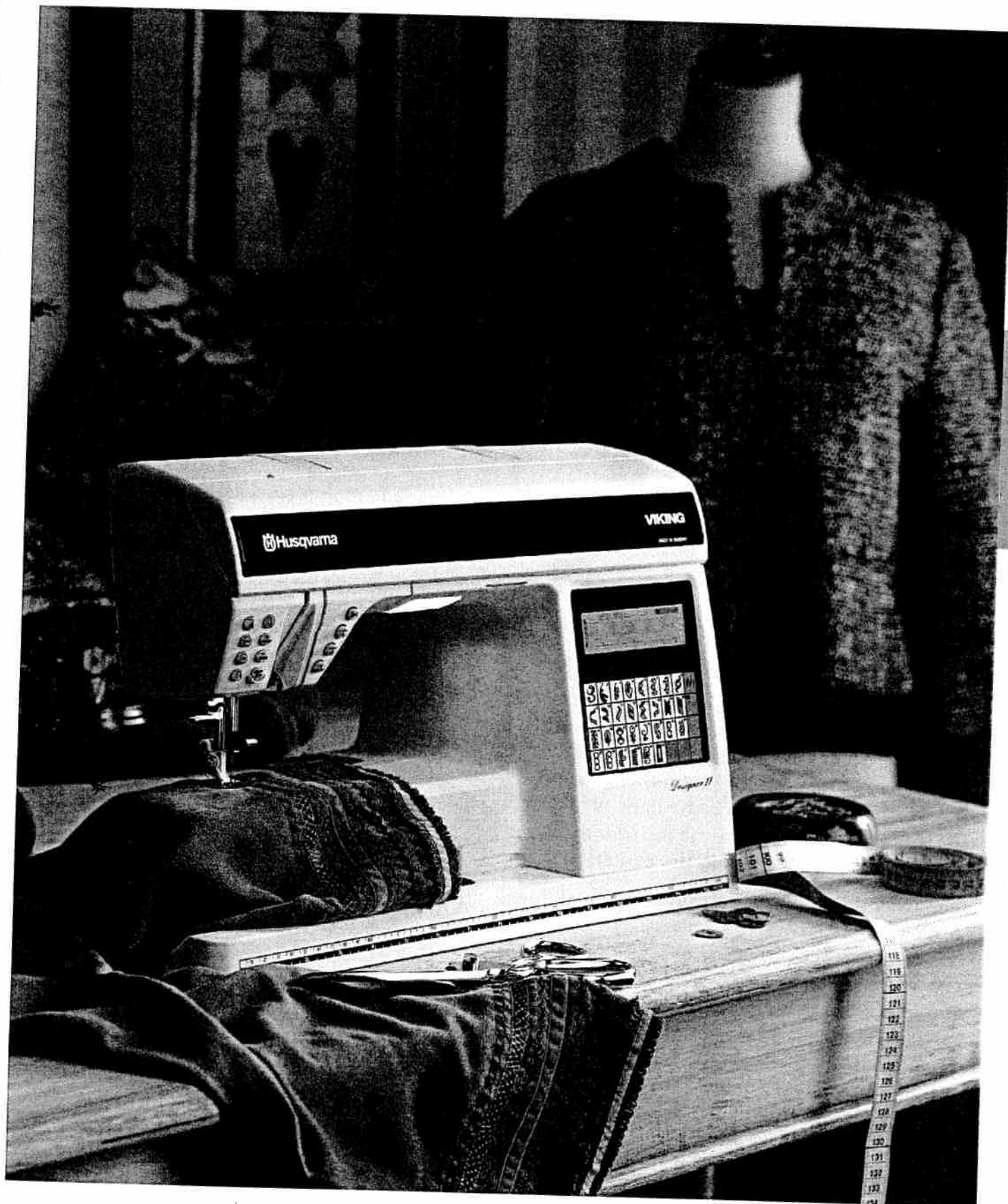
Select the Bartack style for most buttonhole sewing and the Keyhole style for tailored jackets.

# User's Guide

## *Designer II* B



# Decorative Sewing





## Decorative Sewing

Supplied with your 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

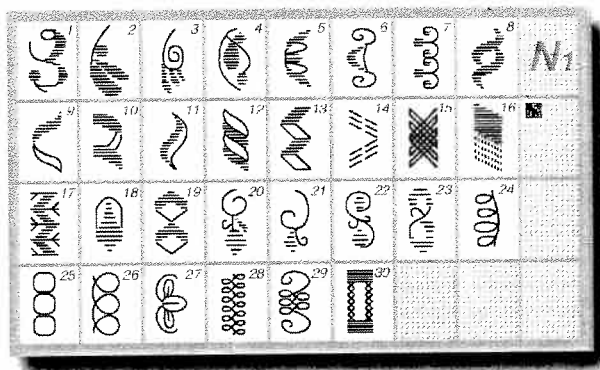
Use the stitches on Stitch d-Card N<sub>1</sub>, Fashion to decorate clothing and accessories. Here a pair of trousers in fake suede fabric have been decorated with stitches from Stitch d-Card N<sub>1</sub>. The stitches are combined with ric rac trim, velvet and snake skin ribbons.

- 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 N<sub>1</sub> 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 A<sub>1</sub> 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.

### 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




*Stitches N<sub>1</sub>15 and N<sub>1</sub>17 are used to decorate a pair of trousers*

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.

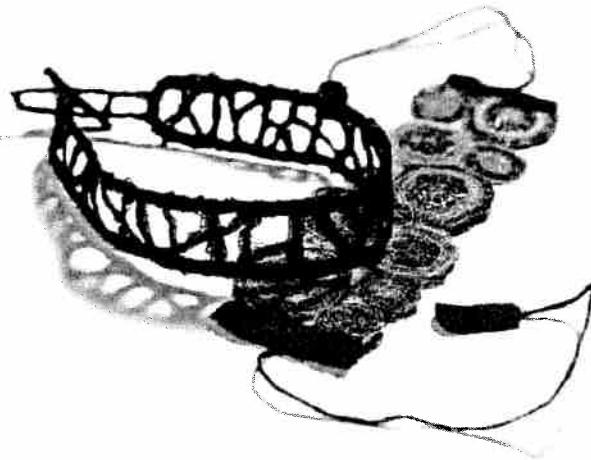
- Thread the machine with embroidery thread on top and bobbin. Hoop the fabric with stabilizer in the optional free motion embroidery hoop. It is essential that the fabric is very tight. Slide the hooped fabric under the needle and touch .
- Turn the hand wheel to pull the bobbin thread up through the 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.

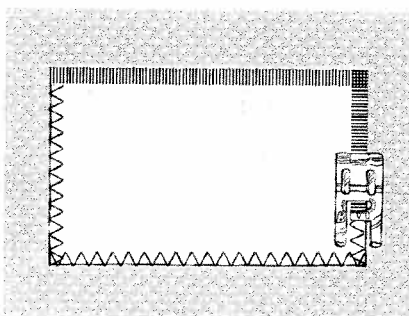
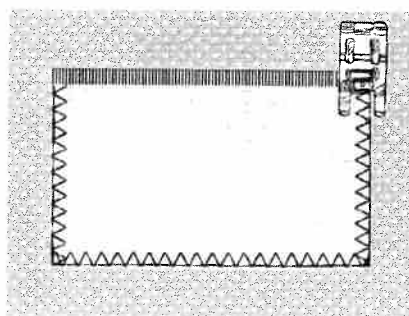
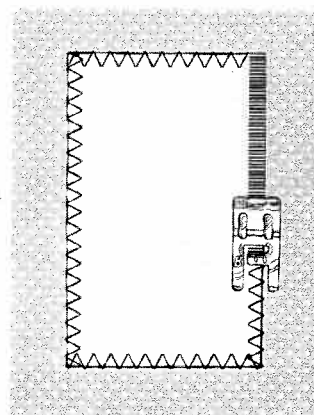
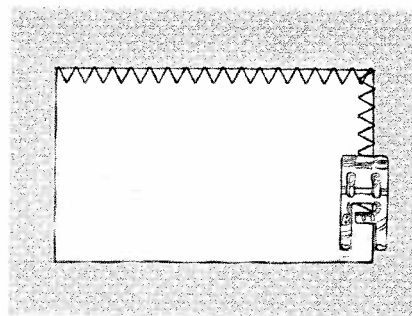
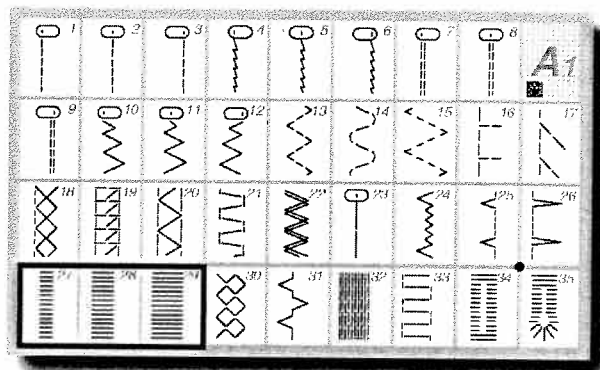
**Use:** Presser foot B as recommended.

### Sew:

- Cut a small square for the applique 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  to secure the stitches.

**Note:** To adjust the satin stitch length or width, touch . 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 A131

**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

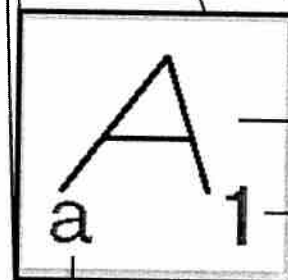
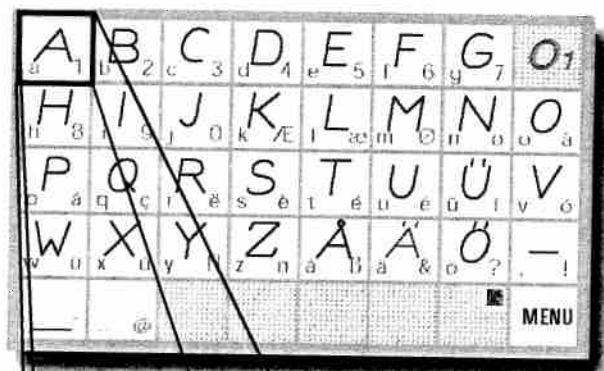
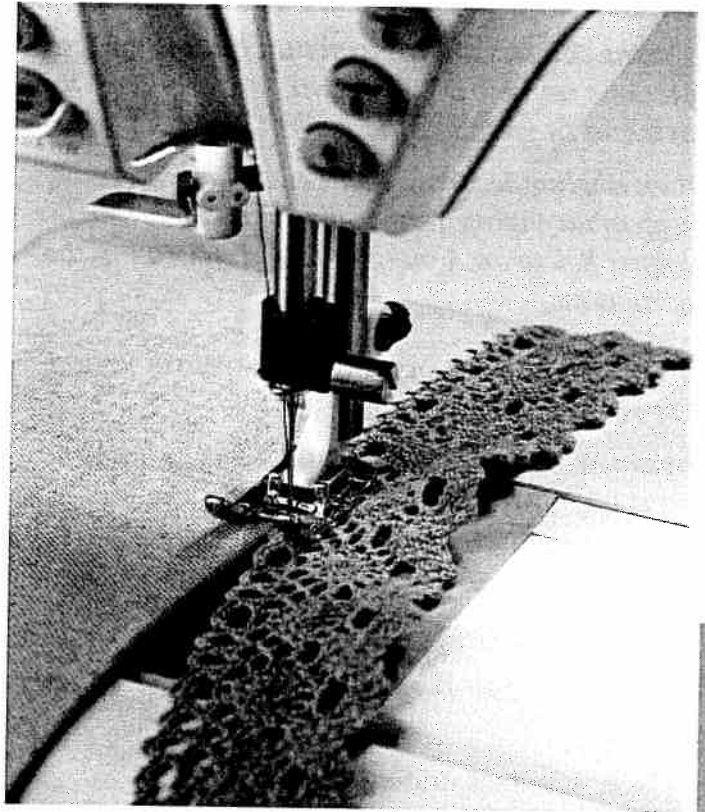
Your Designer II, includes the Block alphabet Stitch d-Card (O<sub>1</sub>). Two additional lettering Stitch d-Cards are available as optional accessories, Outline Block alphabet (P<sub>1</sub>) and Script alphabet (R<sub>1</sub>).

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

Stitch d-Card O<sub>1</sub> 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  on the Stitch d-Card you can step between the menus. The current menu is indicated on the Touch Screen by A., a., or 1..

See section "Programming" (page 54-57) and chapter "Sewing Organizer" to learn how to program letters and decorative stitches.



Upper case letters

Numbers and special characters

Lower case letters

## Adjust the Decorative Stitches

By using the 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:** Sulky 30 weight Rayon 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  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.

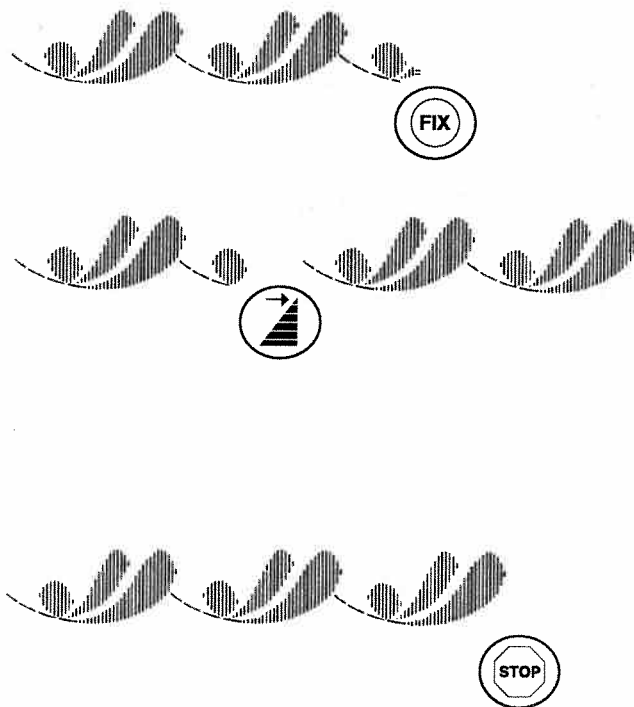
### STOP

The  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.  is cancelled when you press the button again or by selecting a new stitch.



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



*Astrid Bear by Carol-Lynn Rössel Waugh*



### Single Stitch

- Touch  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  again to cancel it.

### Mirror Image

Mirror image changes the direction of the decorative 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

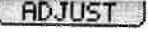


Flip the stitch patterns end to end. This doubles the creative possibilities.

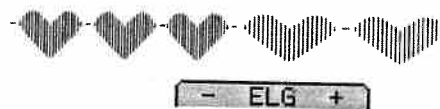
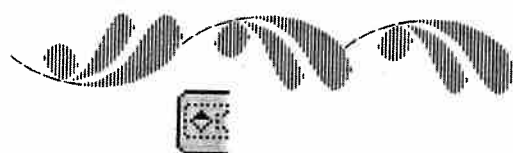
- Stitch a few patterns. Touch mirror image end to end. Watch the stitch change on the Touch Screen.
- Stitch a few more patterns.

**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 Designer II, page 54).

### 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 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 , 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 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** 



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** 

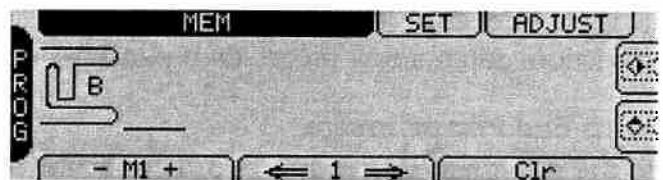
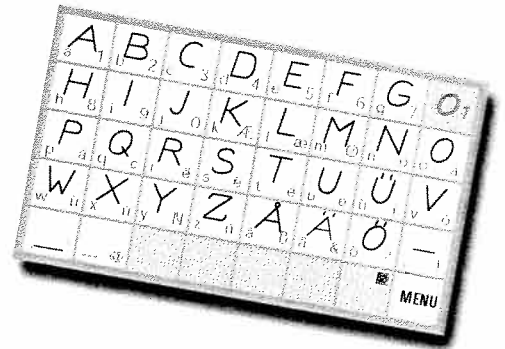
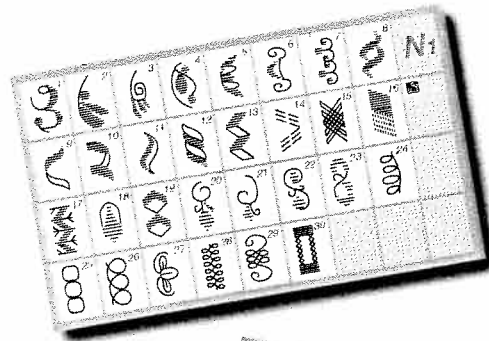
The cursor on the Touch Screen is under the active programming space. Use the arrows to move the cursor sideways. The number between the arrows indicate under which stitch, in the sequence the cursor is positioned.

**Deleting Stitches or Program** 

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

**Memory Tab** 

Use  to bring back the programming functions when you have made adjustments in  or changed the settings in .




## Program Stitches and Letters

To program the stitch combination shown:

- Touch “FUNC” to bring up **PROG**
- Insert Stitch d-Card N<sub>1</sub>, Fashion
- Touch stitch N<sub>1</sub>21. 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.

- Touch  to mirror image the stitch end to end.

*Eject Stitch d-Card N<sub>1</sub> and insert Stitch d-Card O<sub>1</sub>, Block alphabet.*

To program “E” in upper case letters, touch “E” on Stitch d-Card O<sub>1</sub>. “E” appears on the screen next to the fashion stitch.


To program “rika” in lower case letters, touch

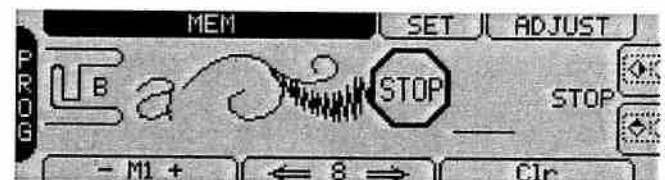
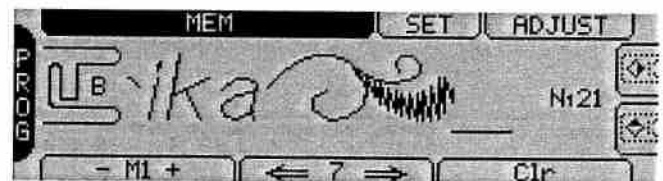
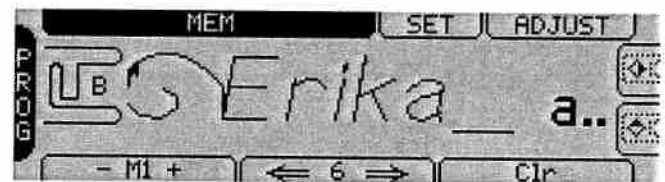
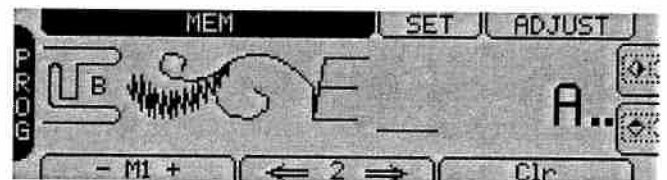
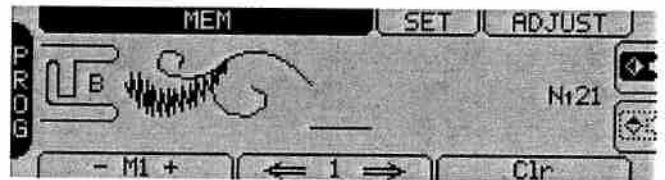
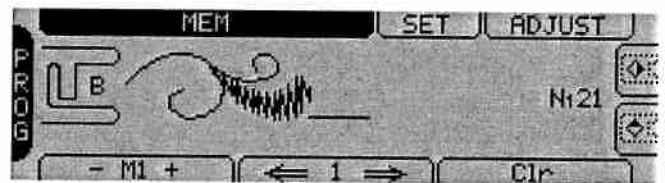
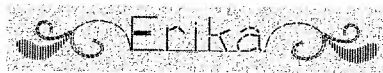
 in the lower right corner of the Stitch d-Card. The lower case submenu is activated (**a..** is visible on the Touch Screen).

Touch r, the letter appears on the display and the cursor moves to the next position. Continue to enter the letters: i, k, and a.

*Eject Stitch d-Card O<sub>1</sub> and insert Stitch d-Card N<sub>1</sub>, Fashion.*

Touch stitch N<sub>1</sub>21. It appears on the Touch Screen.

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





## 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

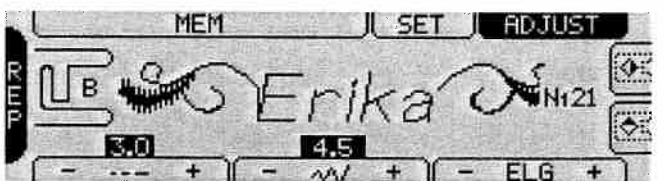
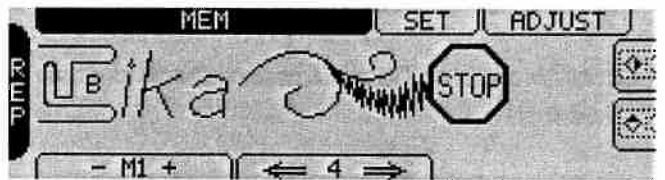
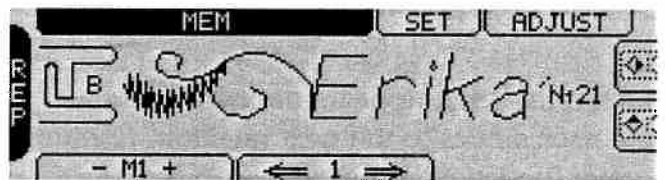
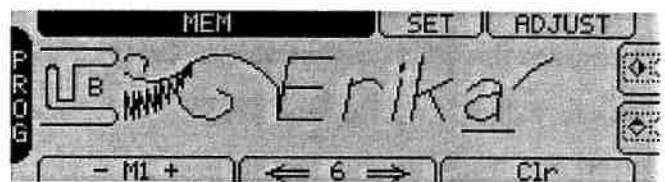
To sew your program, touch "FUNC" to bring up the **REP** mode. Your stitch program will appear on the Touch Screen. Presser foot B is recommended. A stop is indicated by a stop sign symbol.

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.

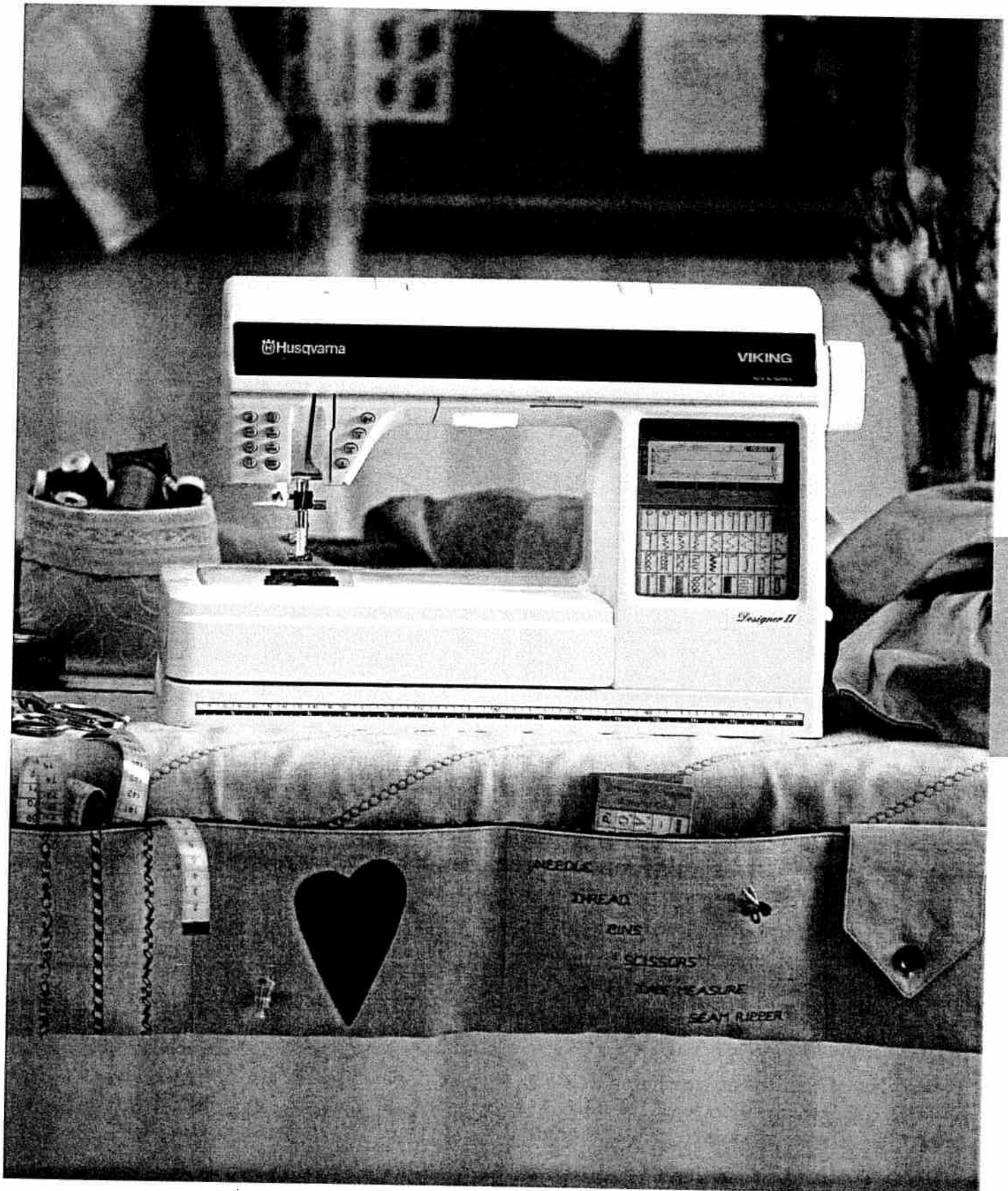
## Adjust Entire Stitch Program

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.





# Sewing Organizer



## Sewing Organizer

When sewing, there are lots of things to keep track of. Scissors, thread spools, needles, pins, tape measure, seam rippers, buttons, etc have a tendency to "be everywhere" and might be hard to find when you really need them.

Sew your own Sewing Organizer to keep everything at your fingertips, and learn to use your Designer II at the same time. Just follow the instructions below, and soon you have learned how easy it is to manage your Designer II and to keep track of all your sewing accessories.

Designed by: Karen Dean, Husqvarna Viking Canada and Husqvarna Viking Academy

### Sewing Supplies:

#### Fabric

- Batting 28" x 18" (70 x 45cm)
- Linen fabric 26" x 59" (65 x 150 cm)
- Cotton fabric 10" x 45" (25 x 114) cm
- Small piece of cotton fabric for a heart appliqué
- One button

#### Threads

- Sewing thread in matching color
- Sulky embroidery thread 30 weight

#### Stitch d-Cards

- Stitch d-Cards A1, N1, O1

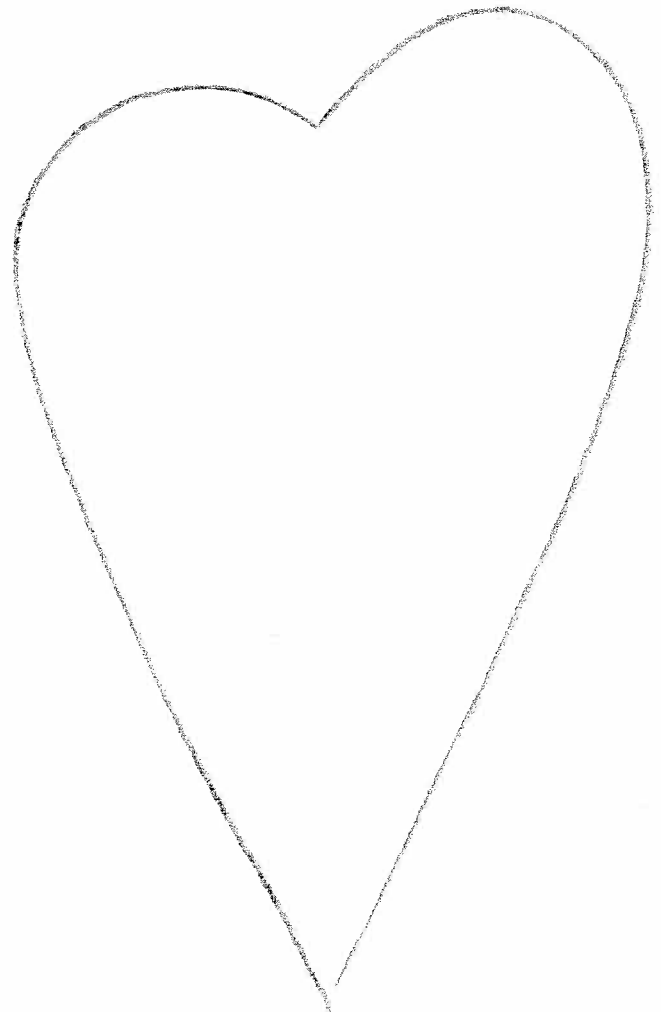
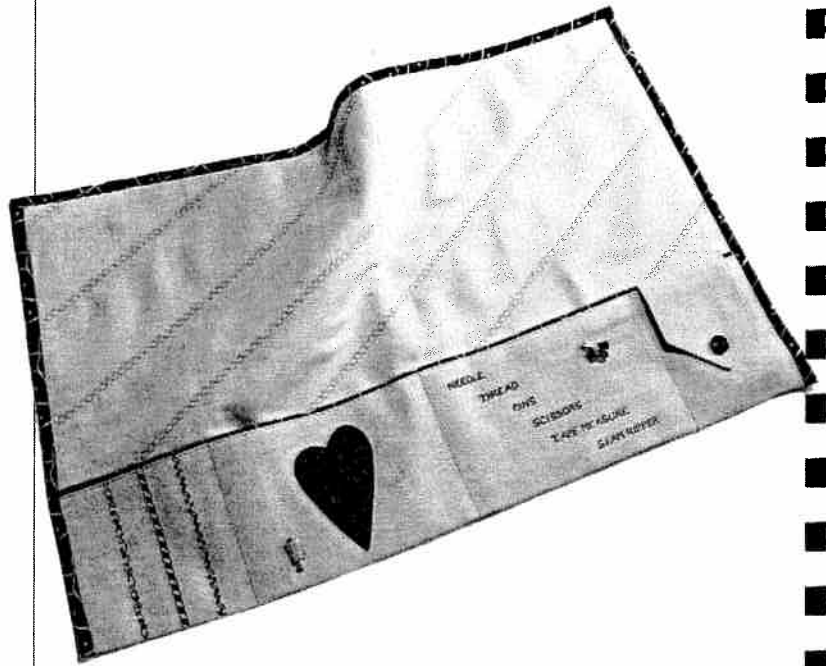
#### Other

- Pictogram pen™
- Paper Back Fusible Web
- Husqvarna Viking Tear-A-Way Stabilizer

### Cut:

Seam allowances: 3/8" (1 cm) are included in all measurements

- Two pieces of linen fabric measuring 23 1/2" x 27" (60 x 68 cm), for front and back pieces.
- One piece of batting measuring 17" x 27" (43 x 68 cm)
- Two pieces of linen fabric measuring 4" x 5" (10 x 13 cm) for flap of pocket. (For the pocket flap a seam allowance of 1/4" (6 mm) is included)



Heart pattern for appliqué

## Pockets






Fold up the lower edge of the back piece 6 1/4" (16 cm). Press the fold (this will be the pockets). Unfold it again, use the Pictogram pen™ to mark the fold and four pockets on the right side of the pocket piece. Mark the first pocket (left) 6" (15 cm) wide. Mark the second pocket 8" (20 cm) wide, the third pocket 8 1/4" (21 cm) wide and the fourth (right) pocket 4 3/4" (12 cm).

Thread your Designer II with Sulky embroidery thread 30 weight on top and matching sewing thread in bobbin.

### Pocket 1 (6" (15 cm) wide)

Decorate the left pocket with three decorative stitches chosen from Stitch d-Card N<sub>1</sub>.

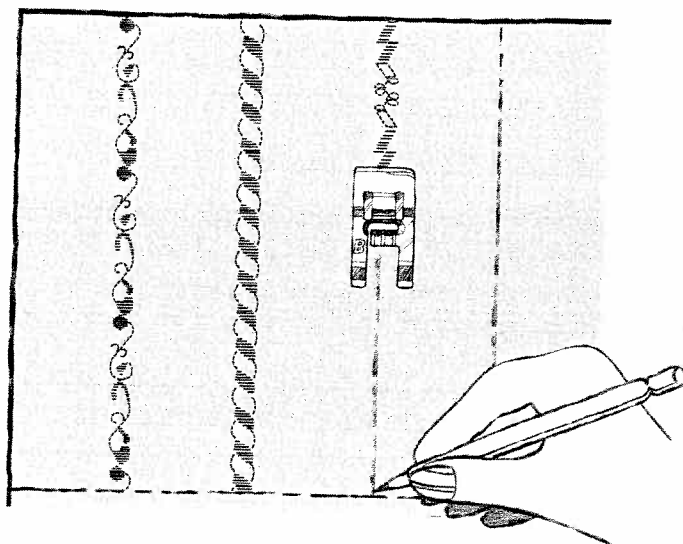
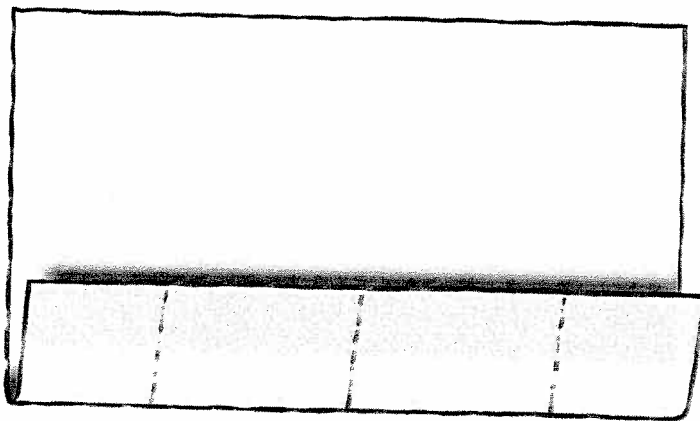
Mark a line vertically in the center of the pocket (right side of fabric) and one line on each side 1 1/4" (3,25 cm) from the center line.

- Insert Stitch d-Card N<sub>1</sub> (Fashion)
- Touch "FUNC" to activate **PROG**. Program the following combination:  
N<sub>123</sub>, N<sub>122</sub>, N<sub>123</sub>, , N<sub>122</sub>, 
- Touch "FUNC" to activate **REP**. Place Tear-A-Way Stabilizer under the fabric and sew the programmed stitch combination on the first line from the left.
- Touch  to secure at the end of the seam. Cut the threads by touching .
- Touch stitch N<sub>112</sub> and sew it on the second line.
- Program the following combination and sew it on the third line (Use  to delete the old program or open another memory):

N<sub>113</sub>, N<sub>128</sub>, N<sub>128</sub>, , N<sub>113</sub>, , 

### Pocket 2 (8" (20 cm) wide)

Decorate pocket number two with a heart appliqué in contrasting fabric. Trace the Heart shape to the rough side of the paper backed fusible web. Press the paper backed fusible web to the wrong side of the fabric.




Cut out the heart. Peel off the paper and position the appliqué on the pocket. Press the heart in place.

- Insert Stitch d-Card A<sub>1</sub> (Utility Stitches) and touch stitch A<sub>128</sub>. Snap on presser foot B as recommended.
- Touch **ADJUST**, adjust stitch length to 0.3 and stitch width to 3.0. Satin stitch around the edge of the heart appliqué.

### Pocket 3 (8 1/4" (21 cm) wide)

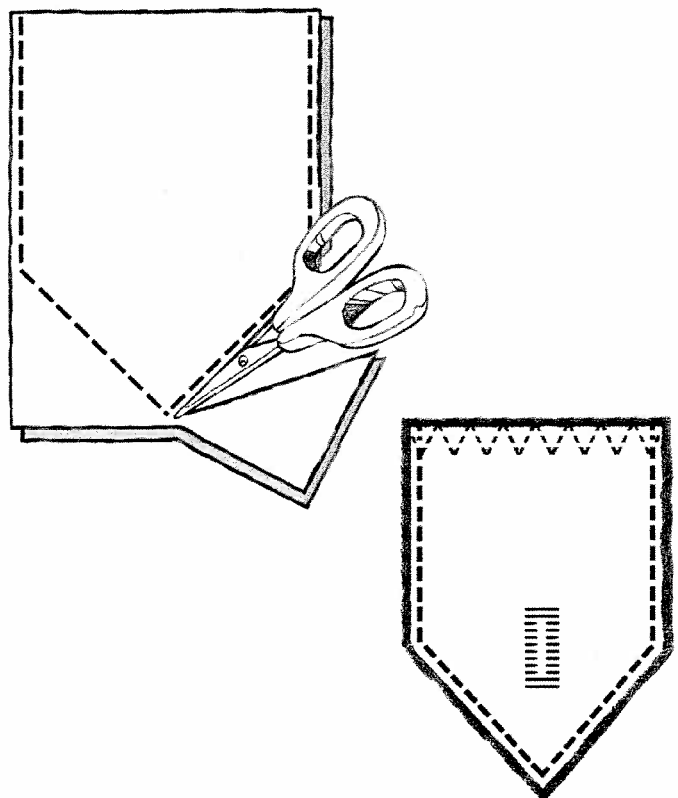
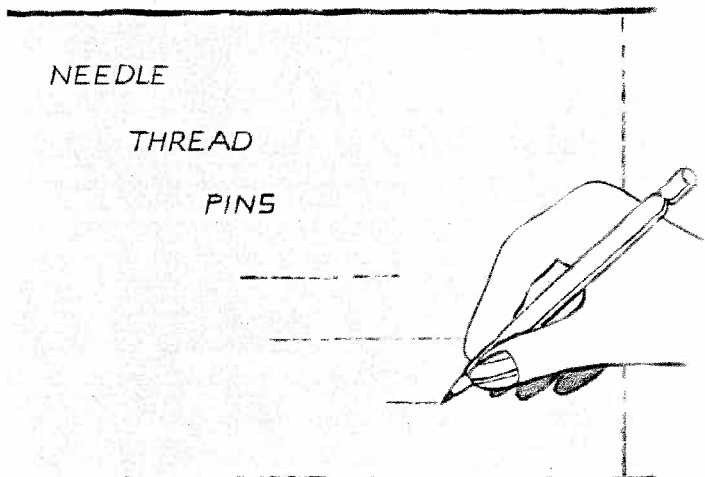
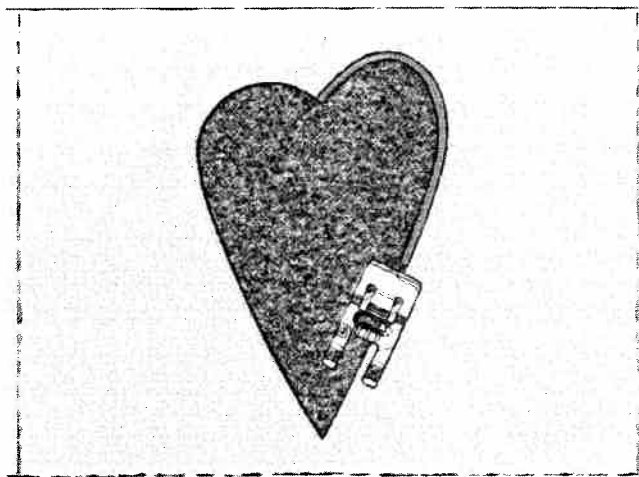
Decorate the third pocket with sewing words, for example: NEEDLE, THREAD, PINS, SCISSORS, TAPE MEASURE, SEAM RIPPER. Mark lines for the beginning and position of the words.

- Insert Stitch d-Card O<sub>1</sub> (Block letters)
- Touch "FUNC" to activate **PROG** (Clear the old program or open an empty memory)
- Touch N, E, E, D, L, E, 
- Touch "FUNC" to activate **REP**. Sew the first word.
- Repeat the programming for each of the words and sew them one by one in a diagonal row beneath the previous words.

### Pocket 4 (4 3/4" (12 cm) wide)

Add a pocket flap on the fourth pocket. Rethread your Designer II with a Sulky thread in a color that matches the fabric. Insert Stitch d-Card A<sub>1</sub> (Utility Stitches).

- Pin the pieces for the pocket flap right sides together. Draw a tip with your Pictogram pen™. Sew the sides of the pocket flap and in the marks of the tip. Turn the pocket flap right side out and press.
- Choose stitch A<sub>13</sub>, and sew the upper edge.
- Select stitch A<sub>101</sub> and snap on presser foot D and top stitch around the sides and the tip of the pocket flap.
- Mark the position of the buttonhole with the Pictogram pen™. Snap on presser foot C and choose stitch A<sub>134</sub>, buttonhole. Sew the buttonhole (for instructions see page 36, 44). Lay the pocket flap aside.



## Quilt

- Place the front piece on a flat surface with right side up. Mark lines with the Pictogram pen™ diagonally across the front of the Sewing Organizer (leave a 4" (10 cm) space between the lines). Draw the lines up to the foldline of the pockets (the pockets should not be batted and quilted!).
- Lay the back piece wrong side up. Place the batting and the front piece on the top of the back piece. Secure with safety pins so the layers of fabric stay in place for the quilting.
- Touch the Sewing Advisor tab and choose woven heavy on the fabric menu.
- Insert Stitch d-Card N<sub>1</sub> and choose stitch N<sub>1</sub>26. Snap on presser foot B as recommended.
- Sew along the marked lines to quilt the layers together.

## Complete the Pockets

### Binding:

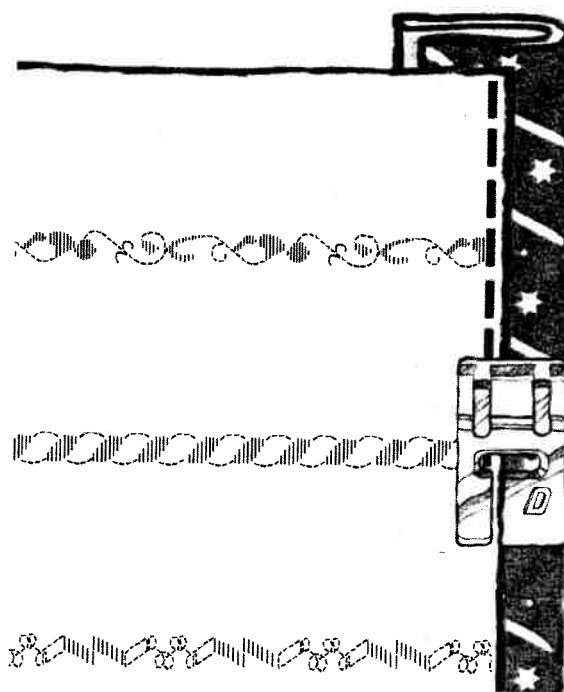
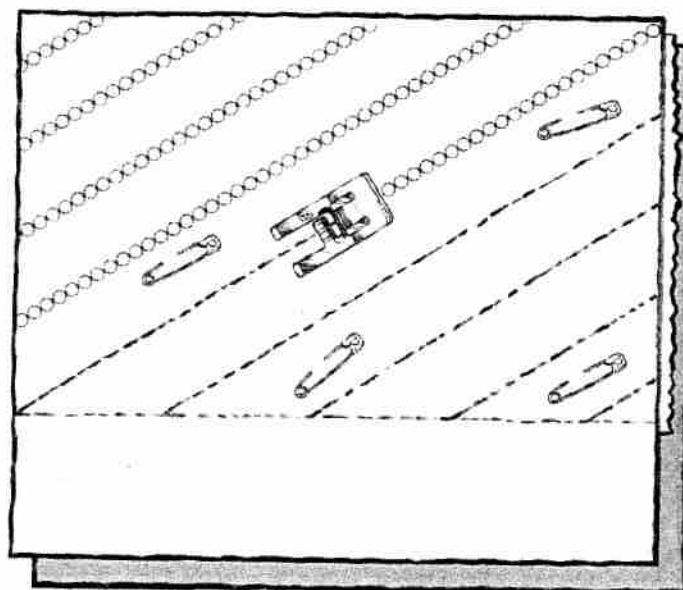
Cut a strip 3 3/4" x 27" (7 x 68 cm) from the same cotton fabric as for the pocket/edge. Fold the strip in half lengthwise, wrong sides together and press.

Put the raw edge along the upper edge of the pocket, right sides together.

- Insert Stitch d-Card A<sub>1</sub> and choose stitch A<sub>1</sub>02. Stitch 5/8" (1,5 cm) from the edge.
- Press the binding strip to the wrong side of the pockets, leaving 1/4" (6 mm) visible on the right side along the upper edge of the pockets.
- Choose stitch A<sub>1</sub>01 and snap on presser foot D. Topstitch 1/8" (3 mm) from binding along the upper edge of pocket fabric catching binding edge on wrong side.

### Fasten the pocket flap

Pin the pocket flap on the quilted fabric above the fourth pocket. Choose stitch A<sub>1</sub>02, straight stitch and stitch the pocket flap in place.





**Sew the button**

Mark the position for the button. Place the button on the pocket. Secure with tape.

Touch the Sewing Advisor tab and select Button. Sew the button (for instructions see page 37, Button).

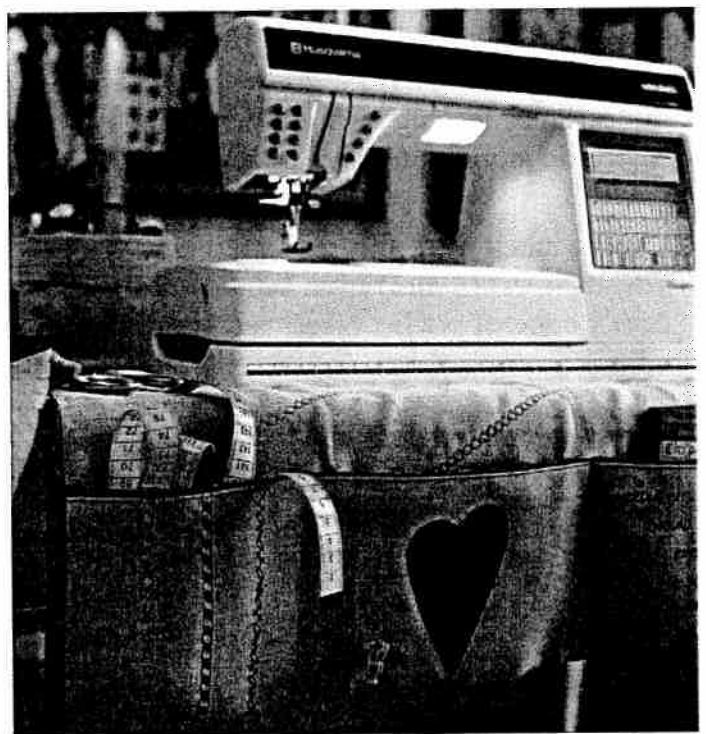
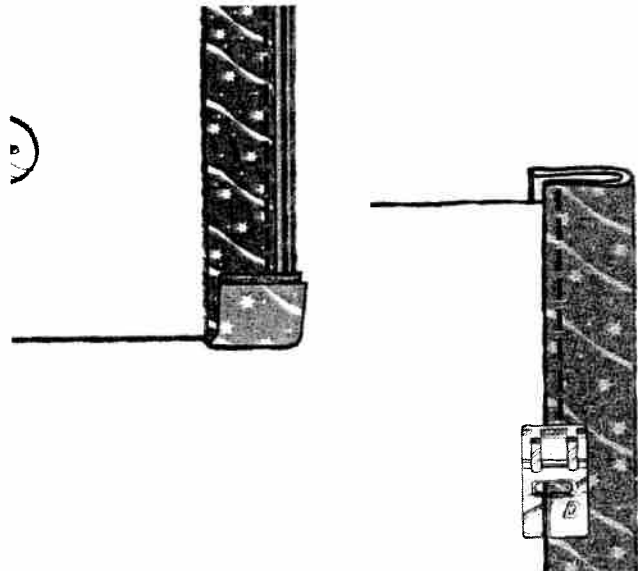
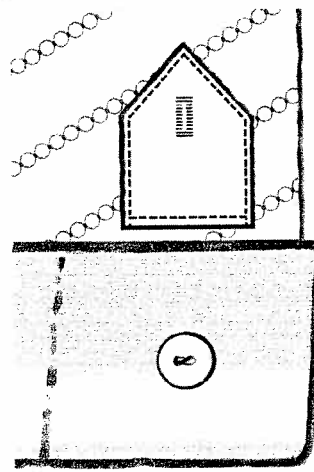
**Sew the Pockets**

Fold up the pockets along the foldline, pin and baste the sides. Select seam on your Sewing Advisor and sew the marked lines to divide the pockets.

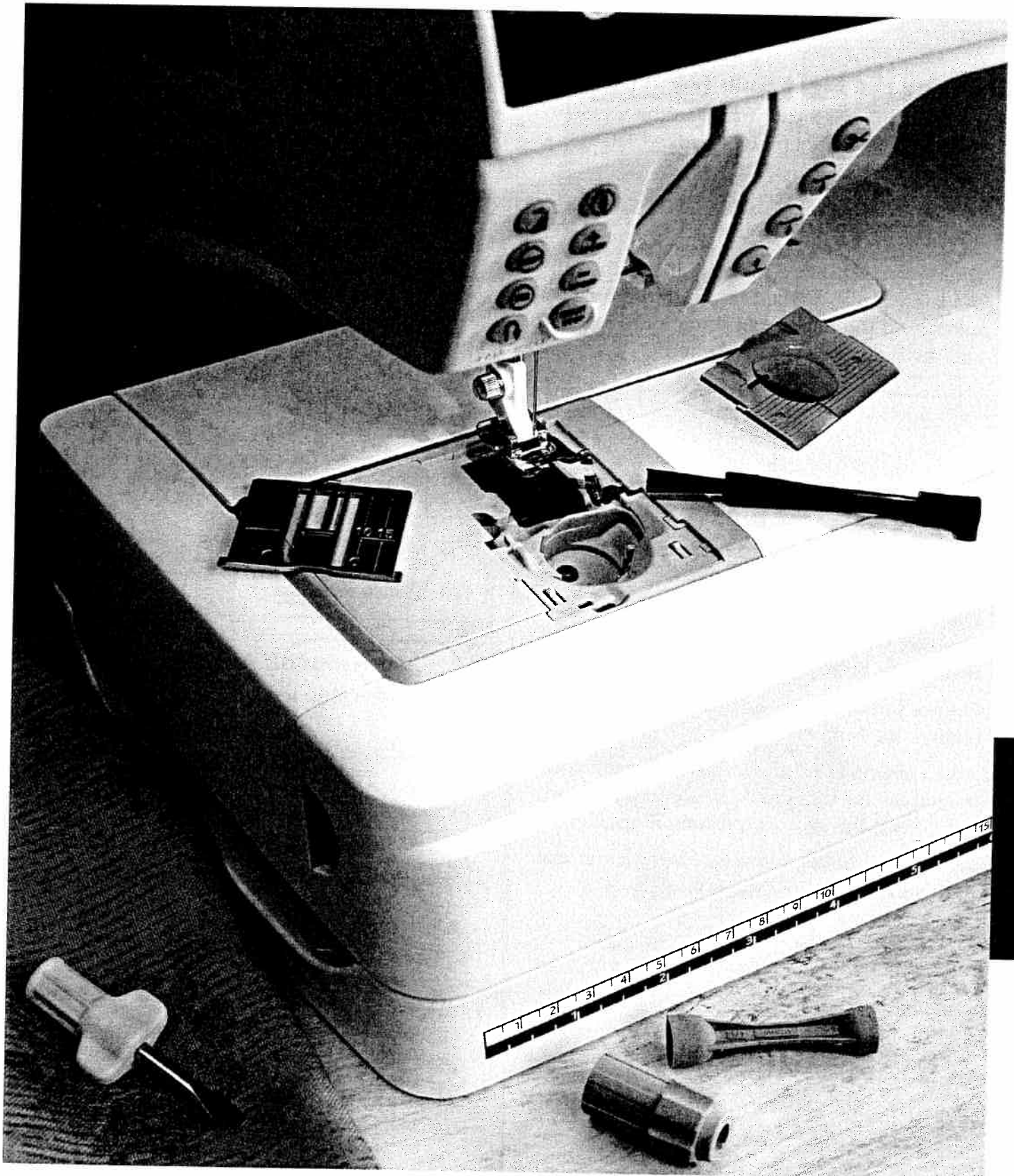
**Bias Binding**

- Cut 3 3/4" (7 cm) wide bias strips of the cotton fabric (for binding). Fold the binding strips in half lengthwise and press.
- Place the binding strip along the shortside of the Sewing Organizer, matching edges.
- Fold in the binding ends to the inside.
- Choose stitch A102, straight stitch. Place the edge of the fabric at the edge of the foot and straight stitch the binding strip to the Sewing Organizer.
- Fold the bottom end of the binding back on itself and press.
- Wrap the binding strip around the edge of the Sewing Organizer and pin. Stitch from the right side, 1/8" (2-3 mm) from the seam catching the binding edge on the wrong side.
- Bind the other short side and top edge in the same way.

Your Sewing Organizer is ready!



## Care of your Designer II



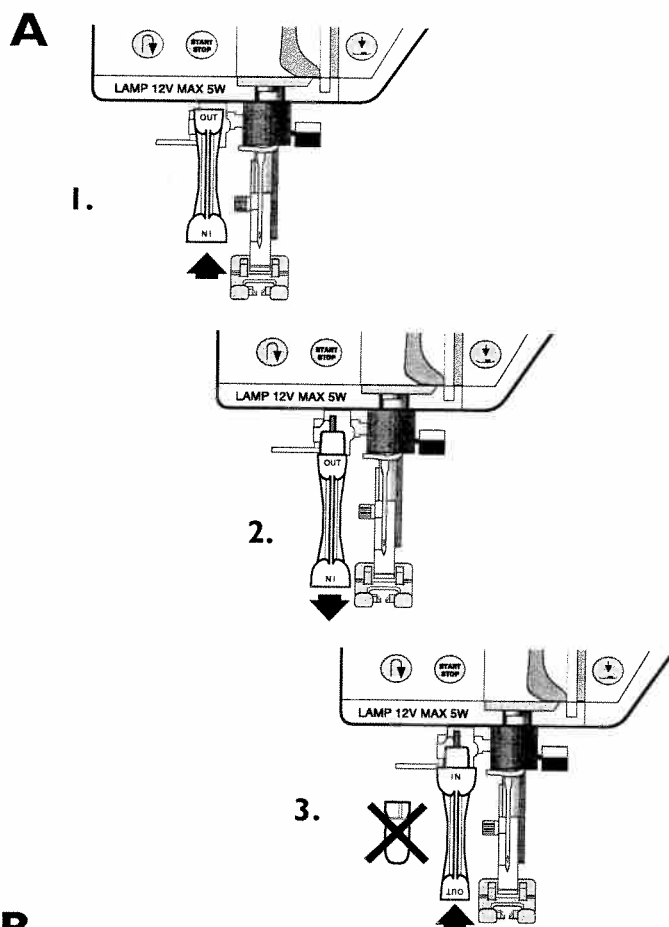


## Care of your Designer II

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.

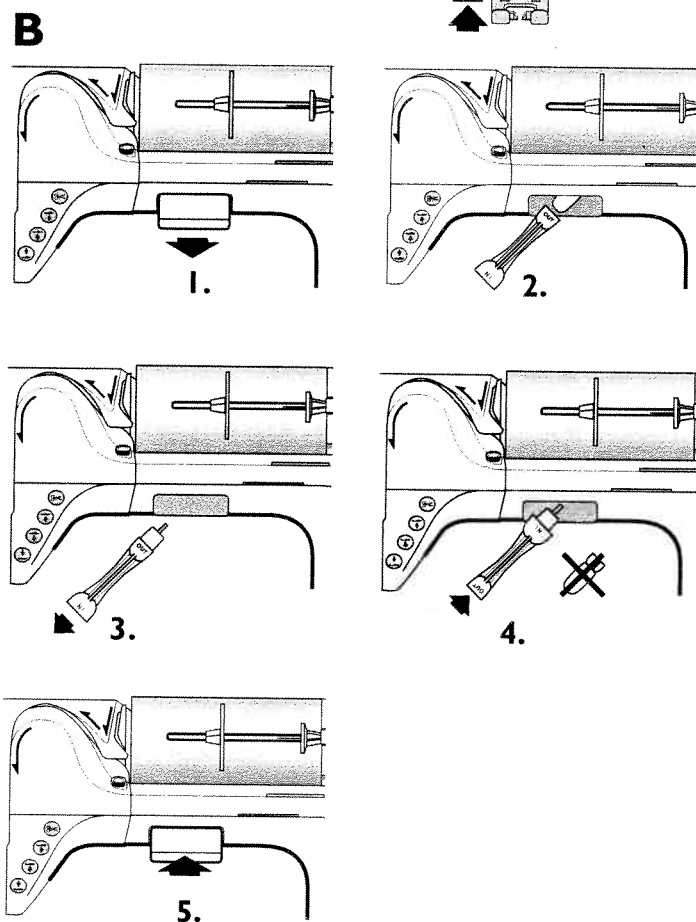
### Changing the Light Bulb (A)

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.



### 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.



## Care of the Machine

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

### Cleaning

Wipe the exterior surfaces of your 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

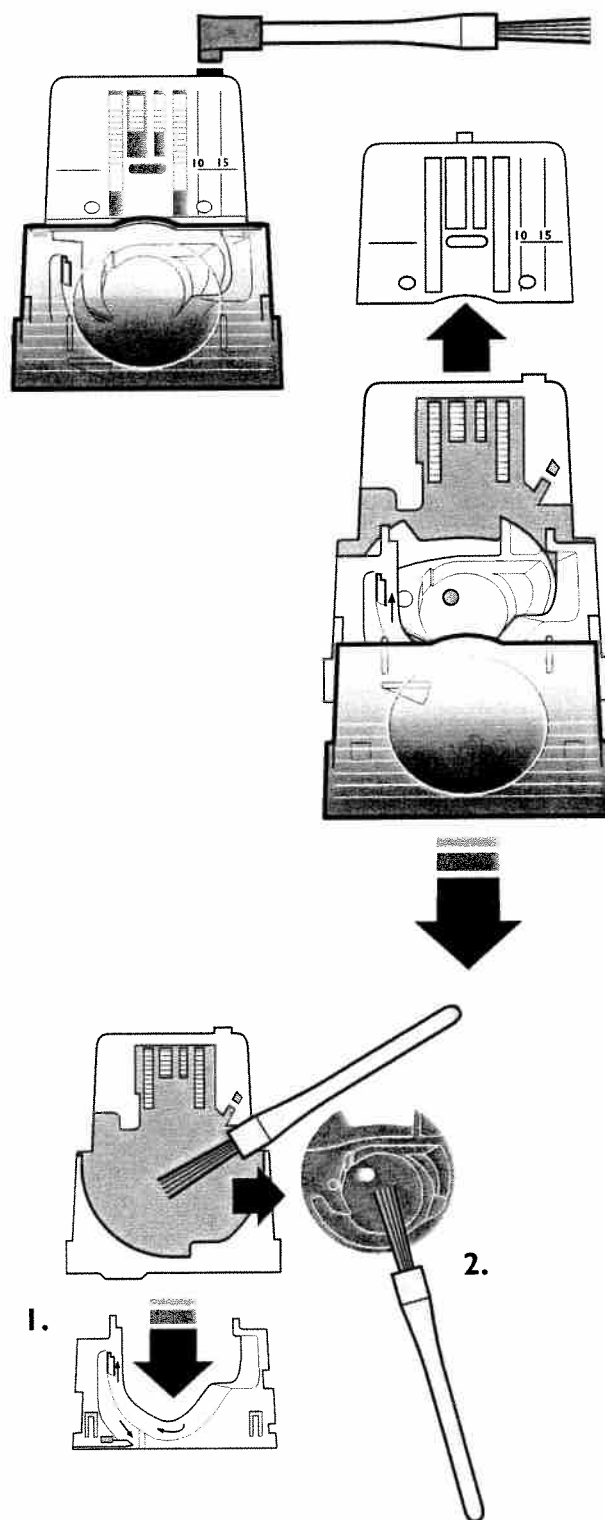
When lint builds up, the area under the bobbin case must be cleaned.

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 (fault-finding)

### 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 Sulky 40 weight Rayon embroidery thread on top and Sulky 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 15 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 21.

### **Have your 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 Designer II warranty does not cover any defect or damage caused by use of non-original accessories or parts.

**My Notes:**

Two large columns of horizontal lines for writing notes.



---

---

# True Freedom of Sewing

*Optional Themes for Designer II*



## True Freedom of Sewing

*No matter what your passion is - embroidery, quilting, heirloom, home dec, or decorative sewing - your dealer can provide the right accessories for you to design a Designer II that meets your unique needs and interests.*

*To make it easier for you to design your own Designer II, there are a number of optional themes and Stitch d-Cards available at your dealer. Each theme contains accessories that will develop both your Designer II and your sewing.*

*Choose the theme that interests you, and ask your dealer to help you choose theme. Of course, you can choose other accessories or combine accessories from different themes. This is the true freedom of sewing!*

### Optional Quilt Theme

Quilting is a traditional form of art that exist in different styles all over the world. In times long past, the quilt could be a warm friend during cold nights, today it can be a work of art in an exclusive art gallery.

No matter how the quilt is used, the creation and the creative process behind each quilt is a true joy for the creator.

The Quilt Theme contains the Quilt/ Appliqué Stitch d-Card, quilter's extension table, open toe dual feed foot with guides, free motion guide foot, open toe stippling foot, guide grip, Inspiration Booklet and more!

### Optional Heirloom Theme

Before the invention of the sewing machine, beautiful hand sewing techniques created "one of a kind" heirloom garments. The heirloom sewing technique gives you a feeling of tradition, romance and times long past.

Today, you can combine Victorian heirloom techniques with more modern ones. All you need is a Designer II and the Heirloom Theme. The optional Heirloom Theme includes two Heirloom Stitch d-Cards, four presser feet, a twin needle, a wing needle together with other useful accessories.

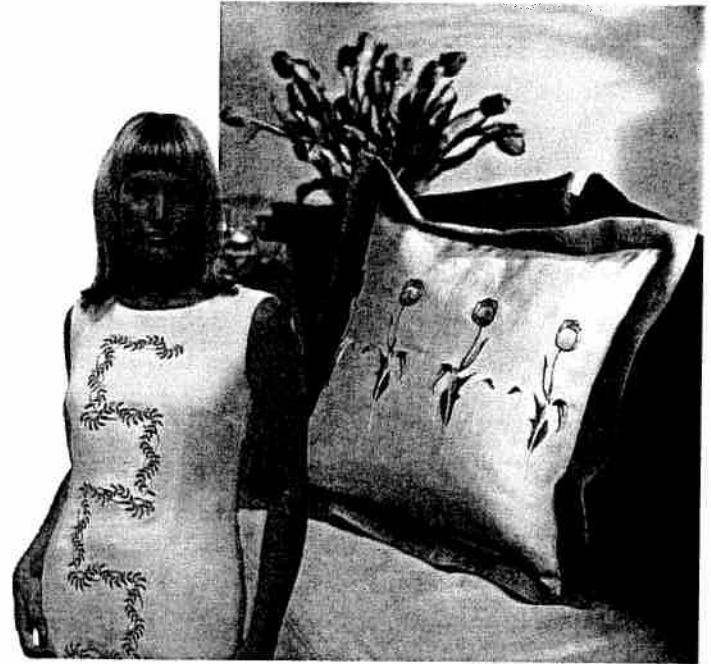




## Optional Embroidery Theme

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 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 limitations.



## Optional Home Dec Theme

If you sew to decorate your home, you know how fun it is to personalize it. Cushions, chair covers, curtains and other decorator sewing create a sense of home that cannot be bought and that is appreciated both by your family and visitors. The Home Dec Theme means you sew professional home decorations easier than ever before. The Home Dec Theme includes several useful presser feet, a pillow/cushion template, special T-pins, a large ironing surface and much more.

## Themes of the future

The product development at Husqvarna Viking never stops. It goes on and on to satisfy the needs and desires of our customers. This means that new themes for your Designer II will be available at your Husqvarna Viking dealer.

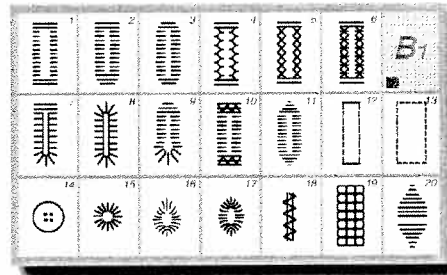


**Note:** All themes are sold separately!

## Optional Stitch d-Cards

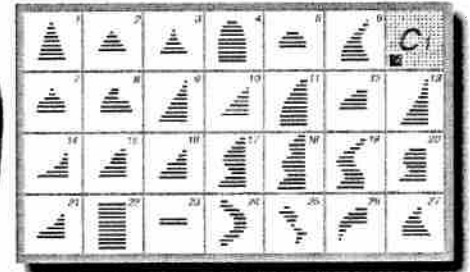
### Buttonhole Stitches, B<sub>1</sub>

On Stitch d-Card B<sub>1</sub>, 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, C<sub>1</sub>

Stitch d-Card C<sub>1</sub>, 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.

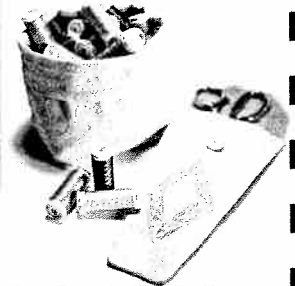
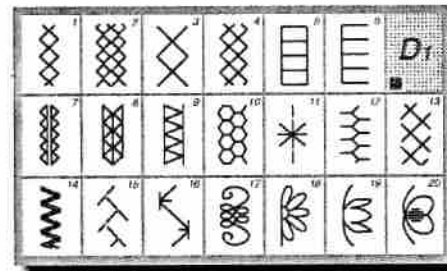


### Heirloom Stitches, D<sub>1</sub> and D<sub>2</sub>

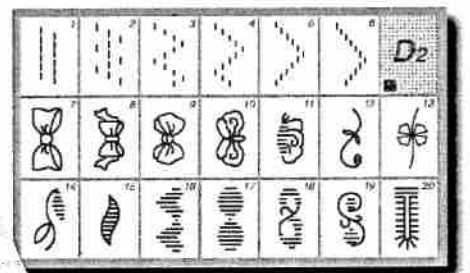
The heirloom sewing technique gives you a feeling of tradition, romance and times long past.

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

On Stitch d-Card D<sub>1</sub> you find cross stitches, hemstitches and entredeux stitches. Use a wing needle to sew these stitches, for a beautiful and lacy effect.

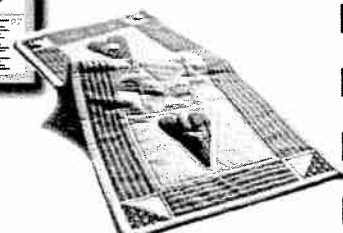
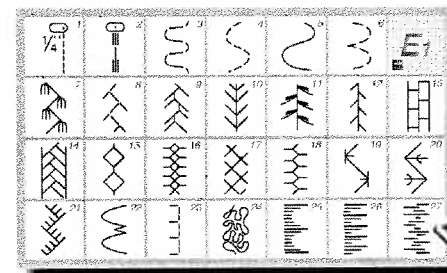


Stitch d-Card D<sub>2</sub> features smocking stitches that are sewn over fabric that has been pleated or gathered. The finished result immitates the hand smocking technique. There are also decorative stitches and a buttonhole perfect for Heirloom sewing.



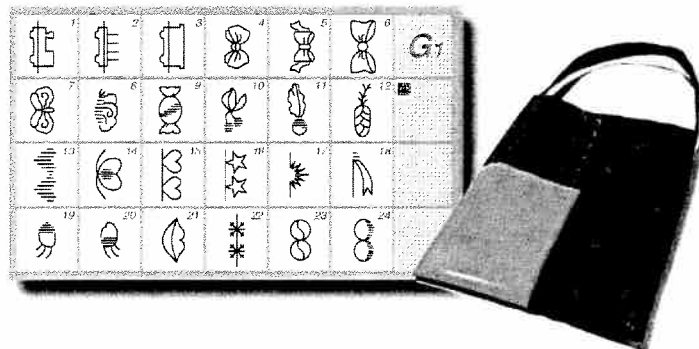
### Quilt and Applique Stitches, E<sub>1</sub>

On Stitch d-Card E<sub>1</sub>, you find stitches that are perfect if you love to quilt or appliqué. For example stitch E<sub>1</sub>01 sews the stitch 1/4" from the right edge of the presser foot when piecing. If you want a handlook quilting stitch, you can use stitch E<sub>1</sub>02. Use stitch E<sub>1</sub>24 for stipple quilting.



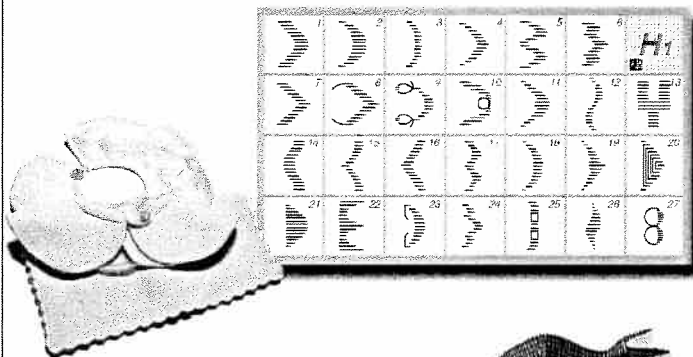
### Children Stitches, G<sub>1</sub>

Stitch d-Card G<sub>1</sub> contains 24 stitches specially designed for children. Use the stitches to program cute combinations, sew doll faces, or rows of fun stitches.



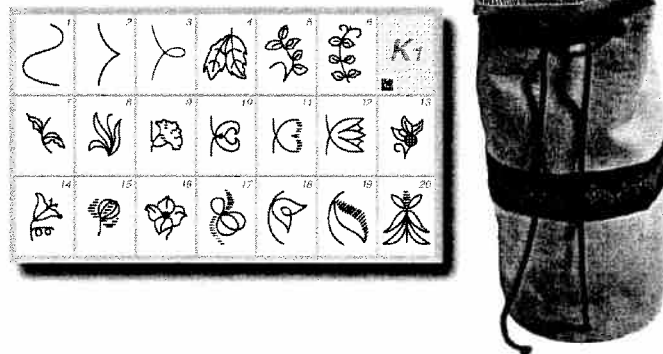
### Scallop Stitches, H<sub>1</sub>

On Stitch d-Card H<sub>1</sub>, 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.



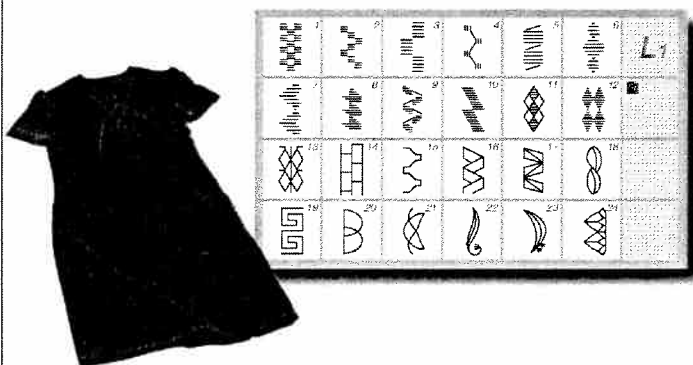
### Omnimotion Stitches, K<sub>1</sub>

The Omnimotion stitches on Stitch d-Card K<sub>1</sub> can be sewn with a width of 35 mm. The 20 different stitches can be combined with each other in the PROG mode. The stitches are beautiful to use when decorating clothes and linen.



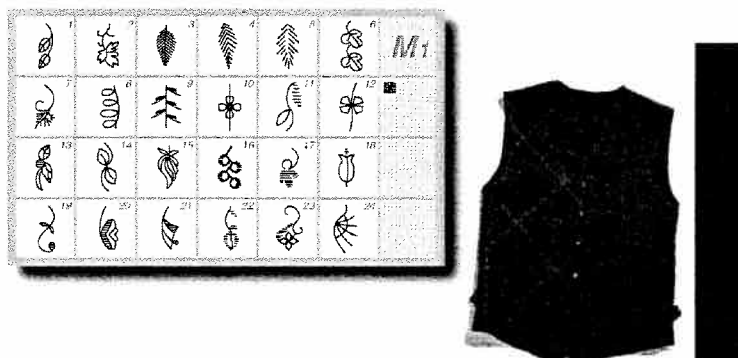
### Decorative Stitches, L<sub>1</sub>

With the decorative stitches on Stitch d-Card L<sub>1</sub> you can create the most beautiful stitch combinations to embellish your creations. Use the stitches for other types of decorations, such as sewing over yarn.



### Crafting Stitches, M<sub>1</sub>

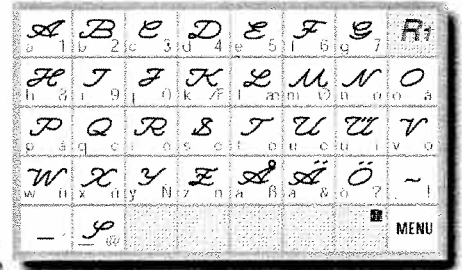
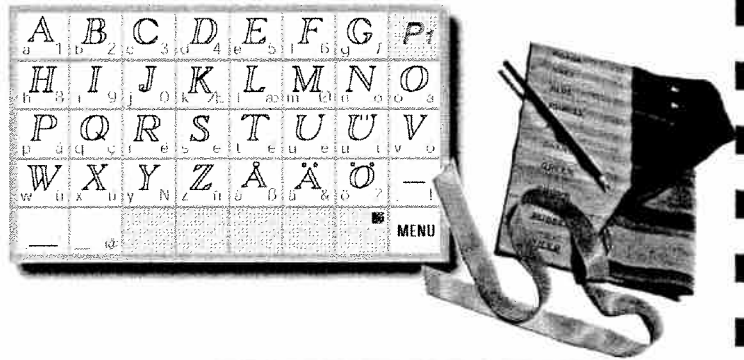
Use the crafting stitches on Stitch d-Card M<sub>1</sub> to make unique embroideries and programmed sequences. There are several crafting stitches that sew up to nine mm wide.



**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.

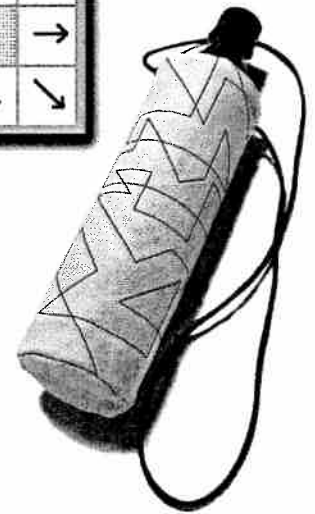
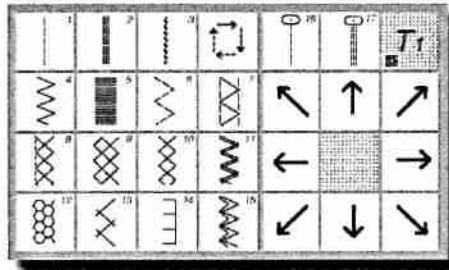
The MENU button on the Stitch d-Card is used to step between the three menus; upper case letters, lower case letters and numbers/special characters.



**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!



---

---

# Index



<b>Accessory Tray</b>	7	<b>Elongation</b>	22, 53
Adjust Menu	22	Embellishment	49
Adjust stitches	52-53	<b>Fabric selection</b>	18
Appliqué	50	Fashion stitches	16, 48, 52-56
<b>Balance</b>	19	Fault-finding	66-67
Baste - Sewing Advisor	33	Feed teeth, lowering	13
Belt loops	35	Finish the sewing	24
Bias binding	62	FIX	12, 20, 52
Blind hem - Sewing Advisor	34	Foot control	6
Block Letters Stitch d-Card	16, 51	Free motion sewing	20, 48-49
Bobbin		embellishment	49
placing in the machine	11	jewelry	49
winding	11	stitches	20, 48
Bridging Stitch	51	FUNC	17
Built-in memory	54	Function	
Buttonhole	36, 44	FUNC	17
balance	45	NORM	17
corded	45	PROG	17, 54-57, 59-60
cutting	44	REP	17, 54-57, 59-60
density	45	Function buttons	12
Rule	36	<b>Gathering</b>	33, 38
Sensor Foot	36	<b>Help menu</b>	17, 22
Sewing Advisor	36	Hem - Sewing Advisor	35
step by step	44	<b>Interchangeable Stitch d-Cards</b>	16
Button, sewing on - Sewing Advisor	37	<b>Jewelry</b>	49
Button Reed	22, 35, 37	<b>Knit fabric</b>	28
<b>Care of your Designer II</b>	63-70	<b>Language</b>	21
Changing		Leather	29
Stitch d-Card	16	Lettering	51, 54-56, 60
light bulbs	64	Lightning Stitch	30
needle	15	Lowering the feed teeth	13
presser foot	15	<b>Memory</b>	54
Cleaning	65	Mending Stitches	43
Connecting		Menu	
the foot control	6	ADJUST	17, 22
the machine	6	HELP	17, 21
Corded buttonhole	45	SET	17, 19-21
Cutting buttonhole	44	Mirror image	53
<b>Darning</b>	43	Multiple Zigzag Stitches	42
d-Card		<b>Needle</b>	
change	16	changing	15
insert	16	defective	15
Embroidery d-Card	16		
Personal d-Card	16		
Stitch d-Card	16		
Decorative Sewing	47-56		



Needle		Sewing Advisor	17-18, 28-37
positions	39	Sewing Organizer	57-62
stop up/down	12, 13	Spool holders	8
Threader	10	Spool pin	
Needles	15	Main spool pin	8
NORM	17	Auxiliary spool pin	8
<b>Optional Themes and Stitch d-Cards</b>	69-74	Start/Stop	12
Overcast - Sewing Advisor	31	Starting to sew	24
Overview	4-5	Step by step buttonhole	44
<b>Packing away after sewing</b>	6	Stitch d-Card	16
Patching and tears	43	Stitch plate	65
Placing the accessories	7	Stitch Re-start	12, 52
Placing the bobbin in the machine	11	Stitch table - Stitch d-Card A1	61
Pop-up menus	23	STOP	12, 52, 53
Presser feet	14	Straight Stitch	30, 38, 39
Presser foot, changing	15	Stretch Stitch	30, 38
Presser foot lift	12	<b>Table of contents</b>	3
Presser foot pressure	13, 19	Thread	29
PROG	17, 54-57, 59-60	Thread	
Programming		cutter	12
Fashion Stitches	54-57, 59-60	tension	19, 25
Letters and stitches	54-57, 59-60	warning	23
<b>Reinforced Straight Stitch</b>	41	Threading	
Remove the stitch plate	65	bobbin	11
REP	17, 54-57, 59-60	needle	10
Reverse button	12	top thread	9
<b>Safety instructions</b>	2	twin needle	10
Save stitches	20, 54	Touch Screen	4, 17-23
Seam - Sewing Advisor	30	clean	65
Seam and Overcast - Sewing Advisor	32	contrast	21
Selecting fabric on Sewing Advisor	28	Trouble shooting	66-67
Selecting sewing technique on		Twenty-five needle positions	39
Sewing Advisor	28	Twin needle	
Sensor Buttonhole Foot	36	threading	10
Sensor foot	12-13	safety	23
down	12	<b>Unpack Designer II</b>	5
extra lift	12, 13	Utility Sewing	38-46
lift	12	<b>Vinyl</b>	29
pivot	12, 13	<b>Work surface extension</b>	7
pressure	13	Woven fabric	28
SET	17, 19-21	<b>Zigzag Stitches</b>	42
Sewing		Zipper	40
button	37		
speed	12		
surface	7		
zipper	40		

## **Declaration of Conformity to EC-directive**

Herewith we confirm that this Sewing Machine in its essential parts, fulfils the LVD Directive 73/23/EEC, EMC directive 89/336/EEC and the CE Marking Directive 93/68/EEC.

This confirmation is based upon Certificate of Technical Construction Files, performed by SEMKO.

The complete archive file is drawn up and maintained by:

Viking Sewing Machines AB  
Research & Development  
Department VP-TX  
SE-561 84 Huskvarna, Sweden

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.