

# PFAFF®

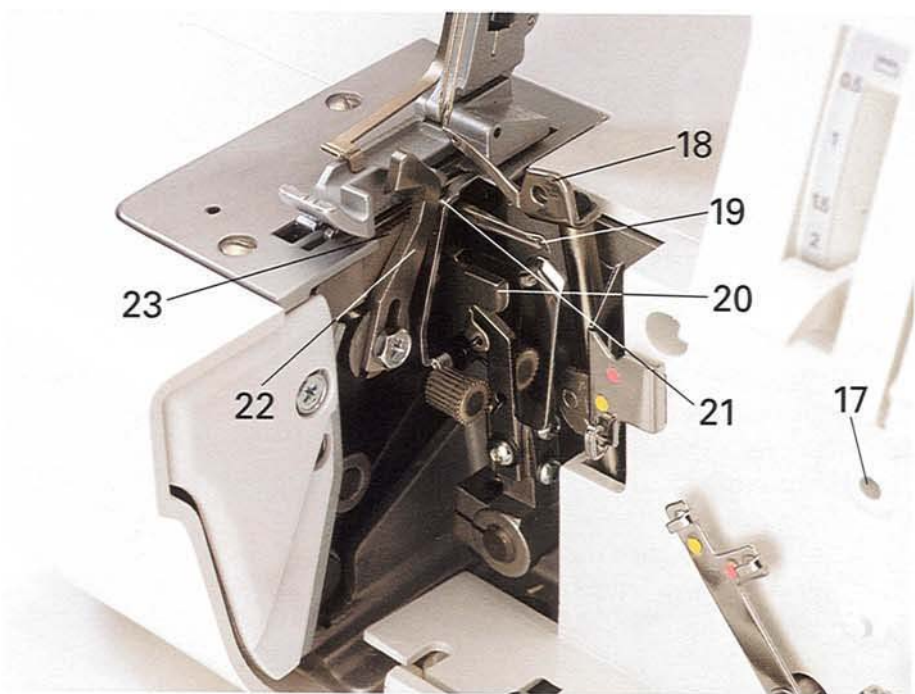
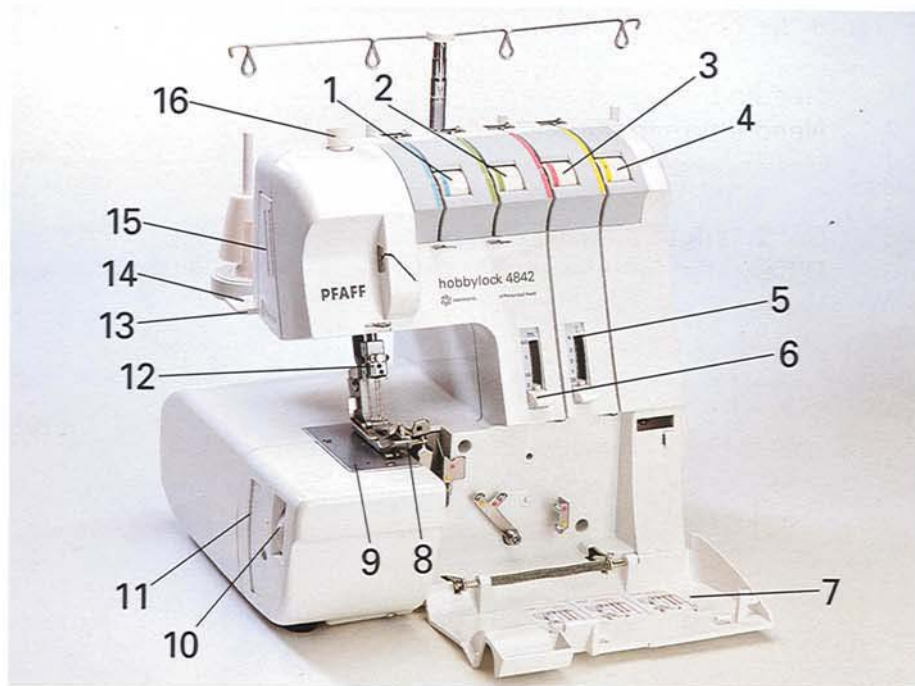
## hobbylock 4842



## Instruction Manual

## Parts of the hobbylock™ 4842

- 1 Needle-thread tension
  - 2 Needle-thread tension
  - 3 Upper looper thread tension
  - 4 Lower looper thread tension
  - 5 Stitch length adjustment lever
  - 6 Differential feed lever
  - 7 Looper cover
  - 8 Standard presser foot
  - 9 Needle plate
  - 10 Seam width setting dial
  - 11 Upper blade disengaging lever
  - 12 Needle holder
  - 13 Presser foot lifter
  - 14 Thread chain cutter
  - 15 Sewing light cover
  - 16 Adjusting knob for presser foot pressure
- 
- 17 Threaded hole for accessory holder (optional accessory)
  - 18 Upper overedge looper
  - 19 Lower overedge looper
  - 20 Threading aid for the lower overedge looper
  - 21 Swiveling stitch width latch
  - 22 Movable upper blade
  - 23 Fixed lower blade



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

## **IMPORTANT SAFETY INSTRUCTIONS**

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

Read all instructions before using this household sewing machine.

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

- A sewing machine should never be left unattended when plugged in. Always unplug this sewing machine from the electric outlet immediately after using and before cleaning.
- Always unplug before relamping. Replace bulb with same type rated 15 Watt.

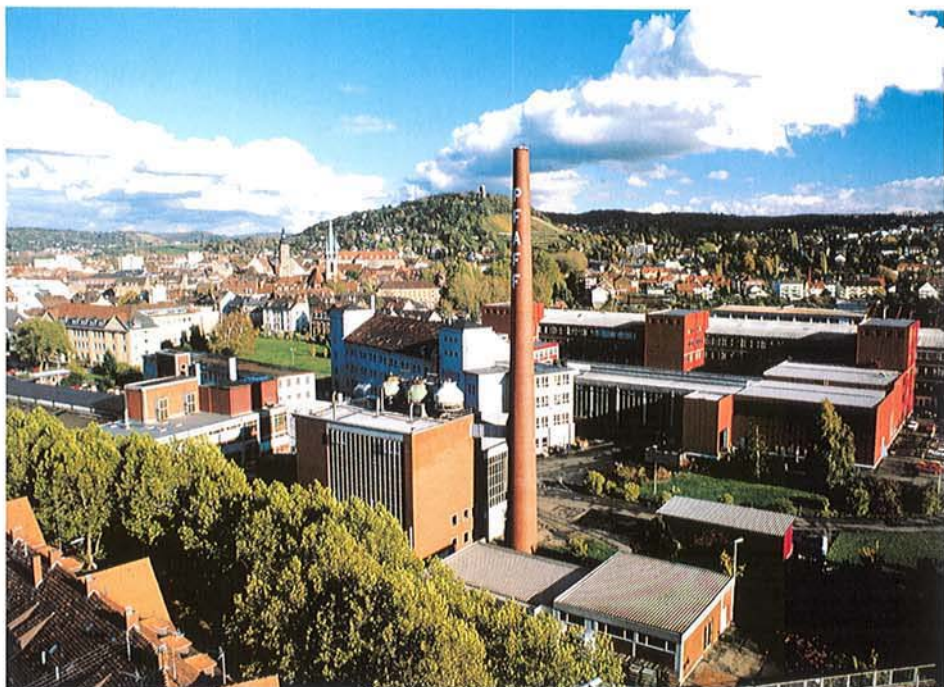
### **WARNING - To reduce the risk of burns, fire, electric shock, or injury to persons:**

- Do not allow to be used as a toy. Close attention is necessary when this sewing machine is used by or near children and infirm persons.
- Use this sewing machine only for its intended use as described in this manual. Use only attachments recommended by the manufacturer as contained in this manual.
- Never operate this sewing machine if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the sewing machine to the nearest 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 the sewing machine and foot controller free from the accumulation of lint, dust, and loose cloth.
- Keep fingers away from all moving parts. Special care is required around the sewing machine needle and blades.
- Always use the proper needle plate. The wrong plate can cause the needle to break.
- Do not use bent needles.
- Do not pull or push fabric while stitching. It may deflect the needle causing it to break.
- Switch the sewing machine off ("0") when making any adjustment in the needle area, such as threading needle, changing needle, threading bobbin, or changing presser foot, etc.
- Always unplug sewing machine from the electrical outlet when removing covers, lubricating, or when making any other user servicing adjustments mentioned in the instruction manual.
- Never drop or insert any object into any opening.
- Do not use outdoors.
- Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
- 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.

## **SAVE THESE INSTRUCTIONS**







## Simple, up-to-date sewing

Congratulations! You have purchased a high-quality product that provides unique advantages. Your new **hobbylock 4842** can take any material in its stride and will sew through thick and thin for you.

Your PFAFF®hobbylock features the very latest in design and technology, and it is just as simple to operate as this instruction manual is to follow.

Before you start sewing, please take the time to read these instructions carefully. It is certainly time well spent, and is the best way to find out just what your machine can do and make full use of all its features.

If you have any further questions, just ask your authorized PFAFF dealer. Your dealer is happy to be of service with any help or advice.

Let's get started! We wish you many enjoyable hours creating your very own fashions and projects!



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### Accessory box

Open the accessory box 38 by gently pressing the bottom of the box inwards.



### Accessories

The following accessories can be found in the box:

- 1 Thread nets (4)
- 2 Thread unreeling discs (4)
- 3 Screwdriver
- 4 Tweezers
- 5 Replacement upper blade
- 6 Allen key
- 7 Needle inserting tool
- 8 Needle threader
- 9 Transparent discs (2)
- 10 Wrench
- 11 Machine oil
- 12 Cleaning brush
- 13 Overlock needle system EL X 705, cat. no. 2002
- 14 Converter



### Machine cover

The machine cover protects the machine from dust and dirt. When the sewing process is finished, push the telescopic thread guide 25 together before placing the cover over the machine.



### Connecting the foot control

Connect the plug of the foot control to the connection socket 29 of the machine.

The sewing speed is regulated by activating the foot control. You may also regulate the sewing speed by adjusting the slide on the front side of the foot control.

Setting ► = half of final speed

Setting ◄◄ = full final speed



### Master switch

When you turn on the master switch 30 the sewing lamp is illuminated.

The machine is now operational.



### Electrical connection

Connect the foot control cord to the wall outlet.

Foot controls to be used:

AE040 - EU

AE044 - Australia

AE046 - United Kingdom

AE043 - USA/Canada

### Notes on safety for USA/Canada

This appliance has a polarized plug (one blade wider than the other).

To reduce the risk of electric shock, it is designed to fit into a polarized outlet only one way. If the plug does not fit correctly into 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.

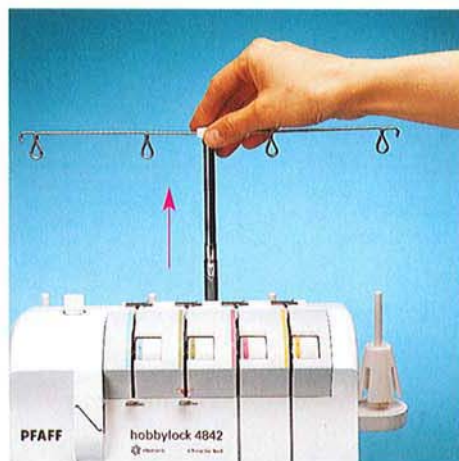


### Looper cover

Push the looper cover 7 fully to the right and then swivel it down. **3 types of stitches** and their threading paths are portrayed in color on the inside of the looper cover.

To close the looper cover, repeat this procedure in the reverse order.

**Note:** The **electricity supply** of the machine is **cut off** as soon as the **looper cover is opened**, for **safety reasons**, i.e. sewing with the machine is no longer possible.



### Telescopic thread guide

Pull the telescopic thread guide 25 upward to its highest position.

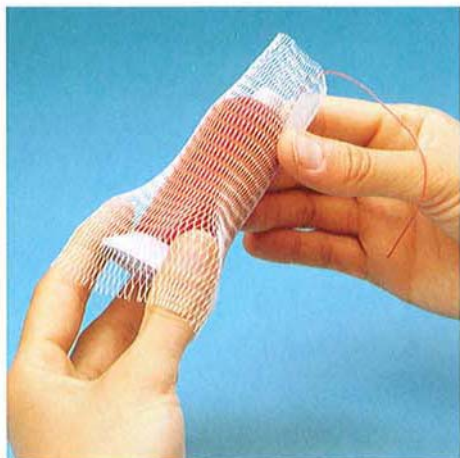
To ensure optimum thread feed, turn the telescopic parts slowly until you hear the locking balls click into place.



### Cone thread adapter

It is advantageous to use the cone thread adapter 27 when sewing with large spools (5,000 - 10,000 m).





### **Thread net**

Synthetic threads generally unwind too quickly from the thread spool. Thread nets have been included to allow easy use of these threads. Pull the thread net (located in the accessory box) over the spool from below. Place the spool on the spool holder catching the bottom of the thread net with the spool pin.



### **Thread unreeling discs**

The thread unreeling discs (provided in the accessory box) are used for small spools/spools with notched or rough ends. Place the spool on the spool pin **26**. Place the thread unreeling disc on top of the spool.



### **Transparent discs**

It is advantageous to use the transparent discs (provided in the accessory box) when sewing with large spools.

The transparent discs ensure more consistent feeding when using synthetic threads, which may unwind too quickly from the spool.



### Presser foot lifter

The presser foot can be raised and lowered using the presser foot lifter 13. The maximum vertical lift of 6.5 mm for the presser foot for particularly thick fabrics can be achieved by pressing the presser foot lifter fully downward.



Once an initial thread chain has been created, the presser foot no longer needs to be raised if you continue working with the same thread and presser foot. It is sufficient to gently lift the front part of the presser foot using your thumb. Slide the fabric under the raised part of the presser foot. The fabric is automatically taken up and fed into the machine when you activate the foot control.



### Thread chain cutter

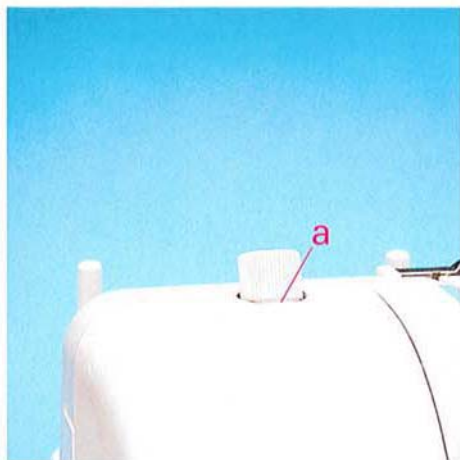
The thread chain cutter 14 is located on the presser foot lifter 13. After finishing the seam, sew an approx. 6" - 8" (15 - 20 cm) long thread chain. Pull the thread chain from the back to front over the thread chain cutter. This will cut off the thread chain.



### Handwheel

Always turn the handwheel 31 toward you, i.e. counterclockwise.



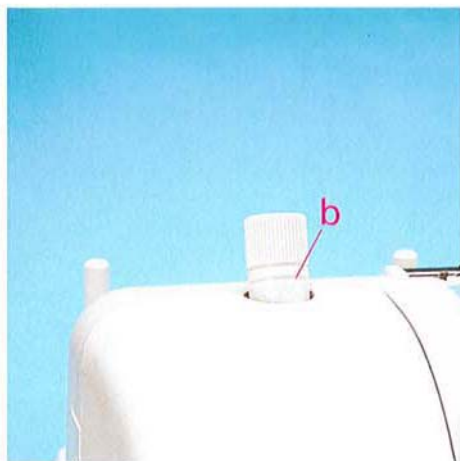


### Presser foot pressure

When the guide line **a** on the adjusting knob for presser foot pressure **16** is flush with the machine cover, the presser foot pressure on the machine is suitable for most fabrics and does not need to be adjusted.

If you are working with special fabrics, you may need to adjust the pressure.

1. With very slippery fabrics increase the foot pressure by turning the adjusting knob clockwise.
2. With very stretchy fabrics reduce the foot pressure by turning the adjusting knob counterclockwise.



When the guide line **b** on the adjusting knob lies over the machine cover, the presser foot pressure is low.



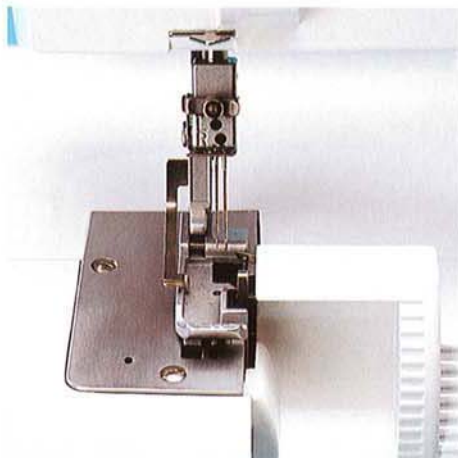
### Needle thread tension-disengaging lever

By moving the needle thread tension-disengaging lever **32** upward you release the needle thread tensions (blue and green).



### Changing the presser foot Switch off the electrical power

**To remove:** Raise the needle(s) to the highest position by turning the handwheel toward you. Raise the presser foot and press lever **A** at the rear of the presser foot holder. The presser foot will be released automatically from the holder. Pivot the presser foot clockwise until the front half of presser foot clears holder and remove by sliding foot away from you toward back of machine.



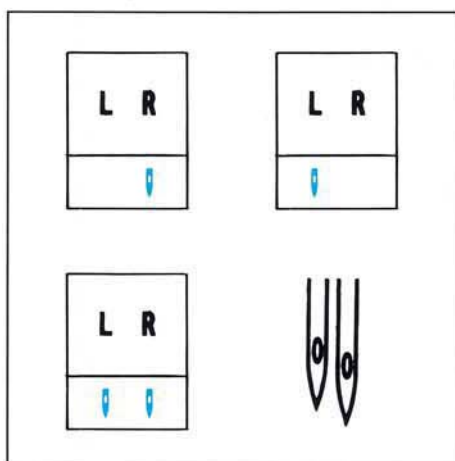
**To attach:** Place the presser foot behind and perpendicular to the presser foot holder. Pivot the presser foot counterclockwise until the pin of the foot is directly under the presser foot holder clamp. Lower the presser foot lever and press lever **A**, if necessary, until the foot clicks into place.

**Check:** Please lift the presser foot lever to ensure that the presser foot is properly locked into place.



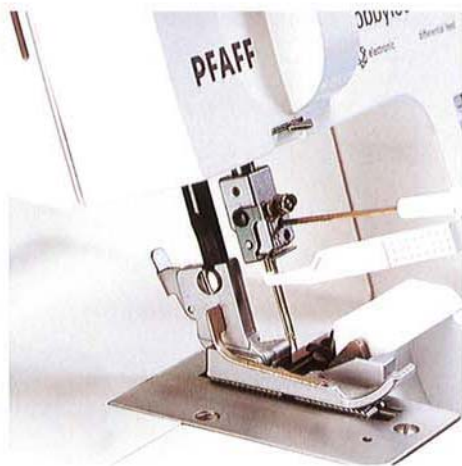
### Needle position

This machine has 2 needle positions. The needle positions are L for the left needle and R for the right needle. The corresponding fastening screw is located on the right side of the letter L or R.



The different needle positions are depicted in a schematic drawing in the instruction manual. Also refer to the examples above. Insert the needle(s) as shown on the program overview (see pages 30-33).

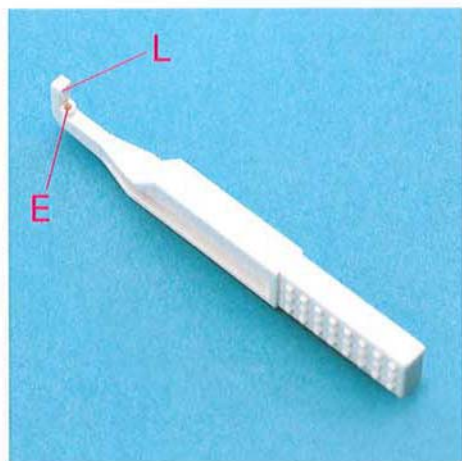
**Note:** If the needles L and R have been inserted, the left needle will be somewhat higher than the right needle.



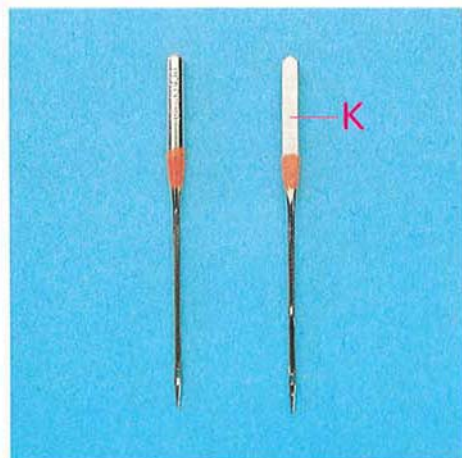
## Changing the needle

### Switch off the electrical power

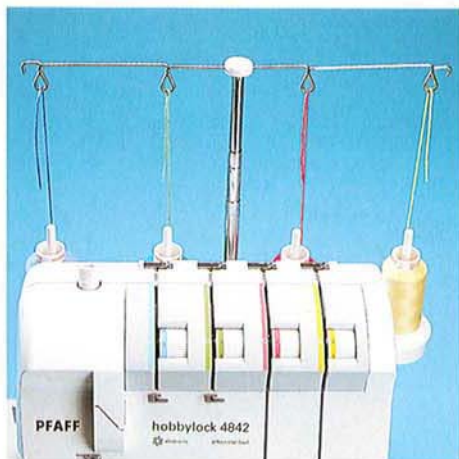
**To remove:** Lower the presser foot and move the needle(s) to the highest position by turning the handwheel toward you. Push the needle inserting tool **38** (provided in the accessory box) from below upward fully over the needle. Loosen the fastening screw of the needle (without removing it) with the Allen key (provided in the accessory box) and pull the needle down to remove.



**To insert:** Insert the needle into hole **E** of the needle inserting tool, so that the flat needle shank **K** faces the flat side **L** of the inserting tool. Insert the needle fully into the holder and tighten the fastening screw. Remove the needle inserting tool.



Overlock needles types **EL X 705**, cat. no. **2002** (part no. 48-086004-82) are required for this machine.

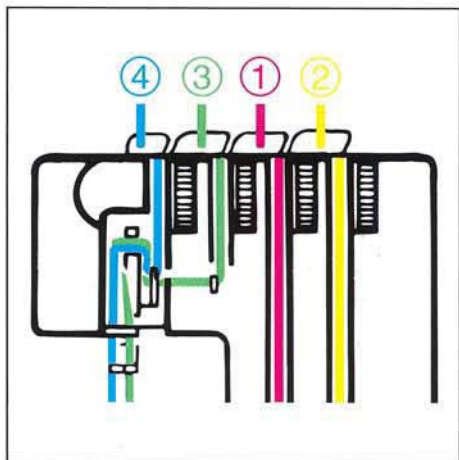


### Threading the thread guides

Place the spools on the spool pins **26**. You will find information on the thread net, thread unreeling disc, transparent disc and cone thread adapter on pages 8 and 9. Thread through the thread guides **24** from the back to the front.



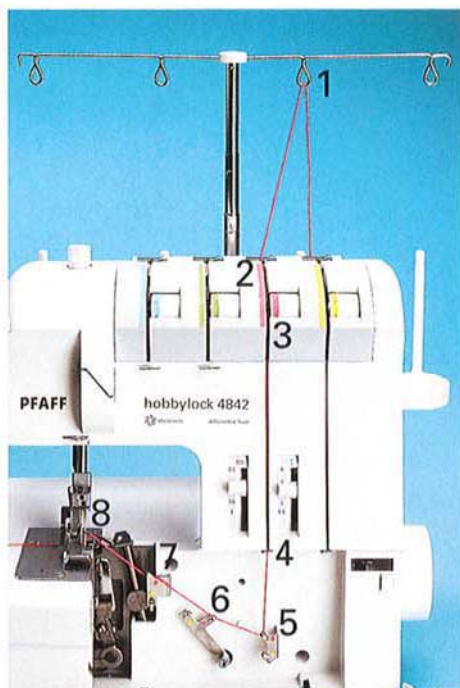
Thread through the rear thread guides **34** from the right to the left to pull the thread down until it slips under the thread guide. Guide the thread through the tension discs and pull it down until it is positioned firmly between the tension discs.



### Note:

Thread in a sequence of **1 to 4**.



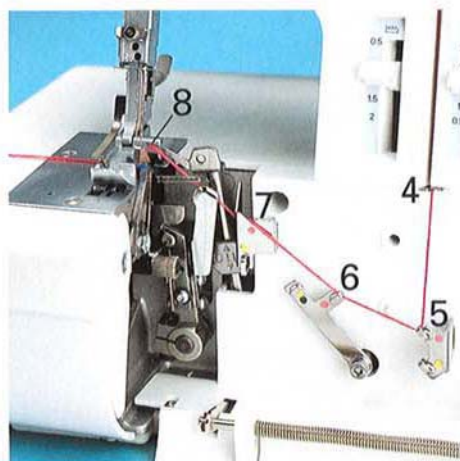


### Threading the upper overedge looper (pink)

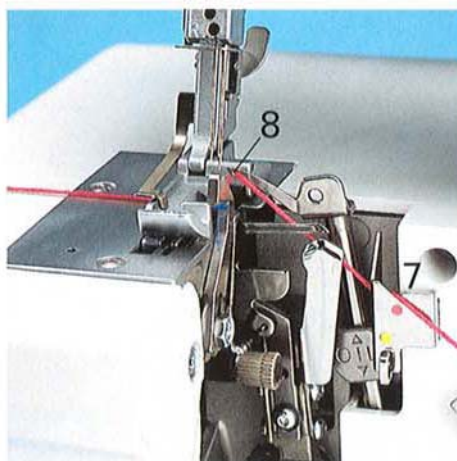
Turn the handwheel toward you until the upper overedge looper 18 is in its highest position. Thread in a sequence of 1 to 8.

#### Note:

To make this task easier, use the tweezers provided in the accessory box.



Thread through the thread guides 1 to 7, which are marked with a pink dot.



Thread from the front through the eye of the upper overedge looper 8. Pull approximately 4" (10 cm) of thread through the looper and place it to the left under the presser foot.



### Threading the lower overedge looper (yellow)

Turn the handwheel toward you until the lower overedge looper **19** is on the extreme right.

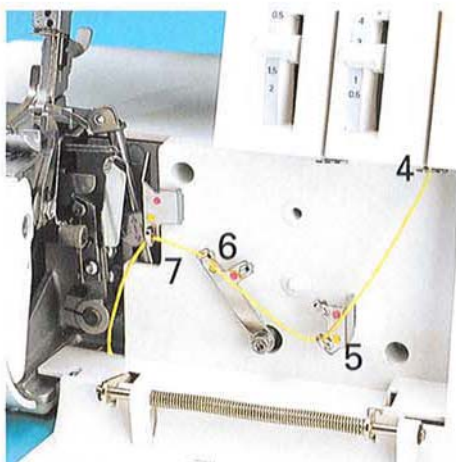


Thread in a sequence of **1 to 9**

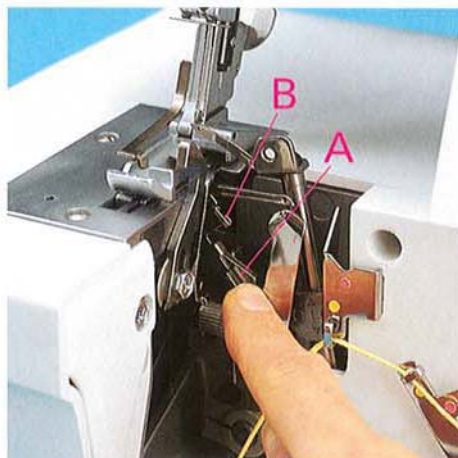
### Note:

To make this task easier, use the tweezers provided in the accessory box.





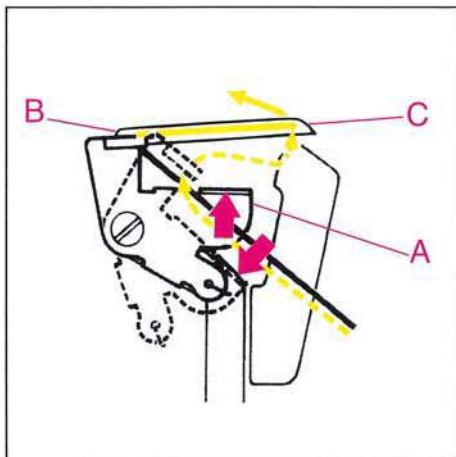
Thread through the thread guides **1 to 7**, marked yellow.



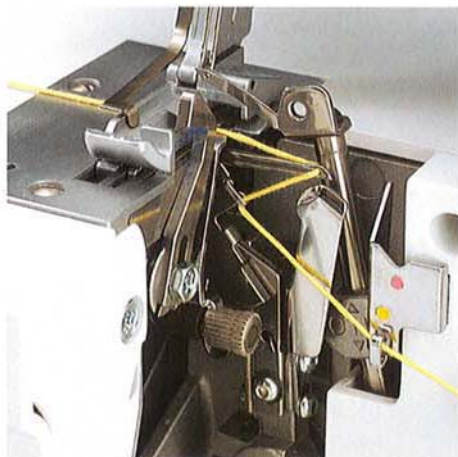
Press lever **A** downward and hook the thread into guide **B**. Please also refer to the drawing below.

**Note:**

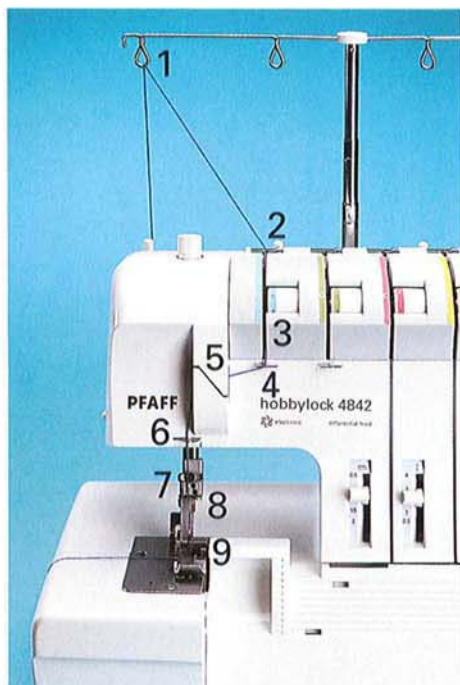
The lever returns automatically to its position as soon as you start sewing.



Thread from the front through the eye of the lower overedge looper **C** (= threading point 9).



Pull approximately 4" (10 cm) of thread through the looper and place it to the left under the presser foot.

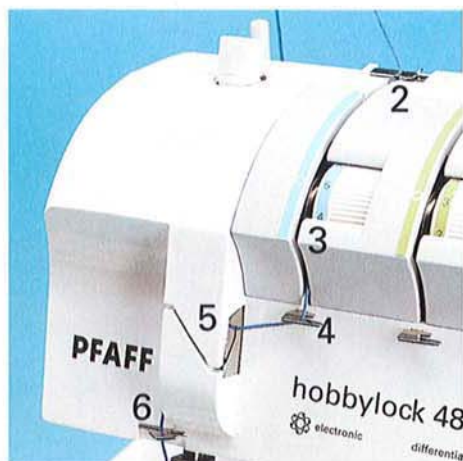


### Threading the needles

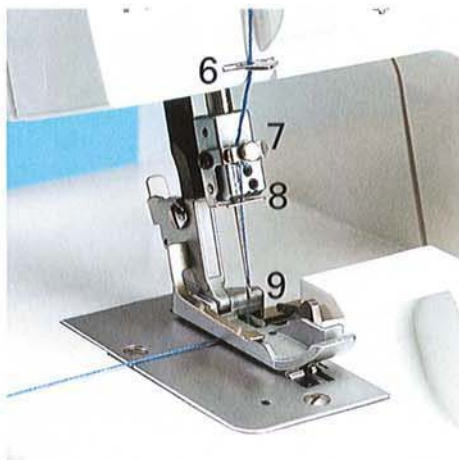
Thread in a sequence of 1 to 9.

#### Note:

To make this task easier, use the tweezers provided in the accessory box.

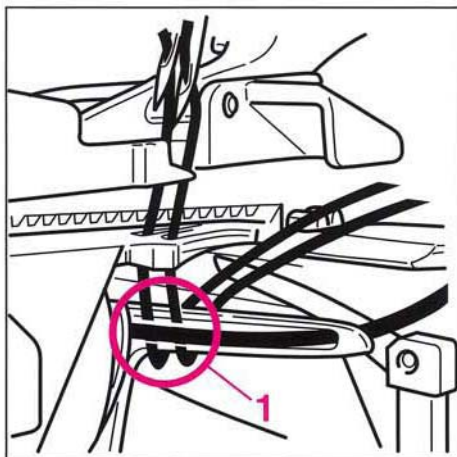


The thread must be guided through the slot of thread guide 5.



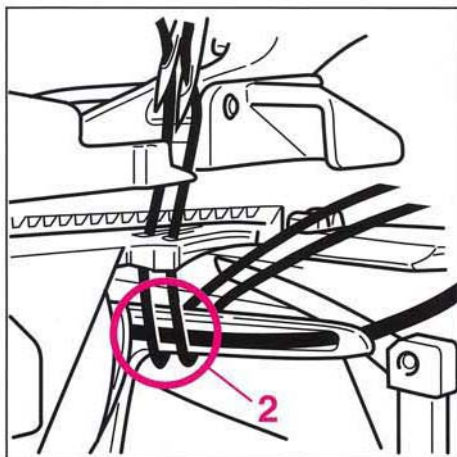
Place the thread behind the spring-loaded thread guide 7 (located on the right for the right needle, on the left for the left needle) and the lower thread guide 8.

Pull approximately 4" (10 cm) of thread through the needle eye and place it to the left under the presser foot (to more easily pull the thread, you may operate the tension disengaging lever 32, see page 11).

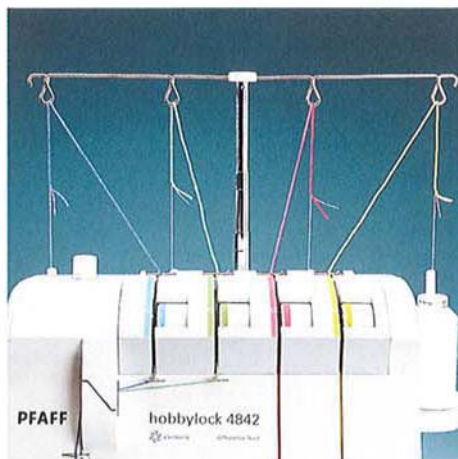


### Important note on threading

The needle(s) must always be threaded last so that the needle threads do not run under the looper thread as seen in drawing 1, but instead over the looper thread as depicted in drawing 2. Should this sequence not be followed, thread breakage or missed stitches can occur.



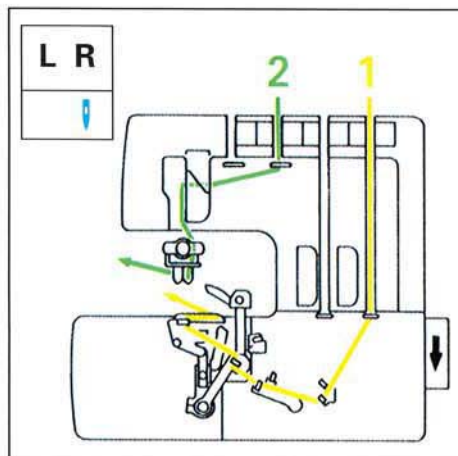
If the looper threads break, you must pull the needle thread(s) out of the needle eye(s), rethread the looper threads and then rethread the needle threads.



### Changing a spool on a threaded machine

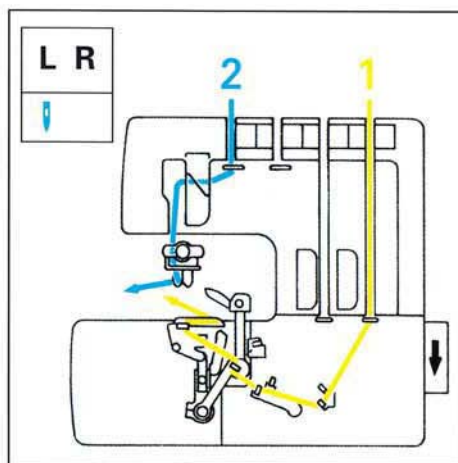
Cut the threads off close to the spool and replace with new spools. Tie together the threads that are still in the machine with the new threads, and pull the threads out of the needle eyes. Operate the tension disengaging lever 32 (see page 11) and pull on the needle threads until the knots are about 6 inches (15 cm) past the last thread guide in front of the needles. Cut the knots off and pull the threads through the respective needle eyes. The looper threads can be pulled continuously past the looper eye and placed to the left underneath the presser foot.

# Overview of the threading paths and threading sequences



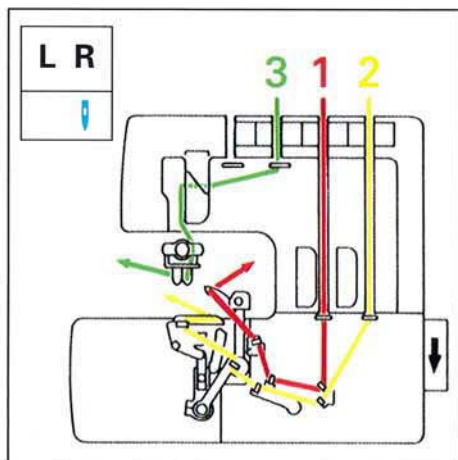
- Program 01:  
2-thread flatlock, narrow
- Program 03:  
2-thread serging, narrow
- Program 04:  
2-thread rolled hem
- Program 05:  
folded 2-thread rolled hem

with converter



- Program 02:  
2-thread flatlock, wide

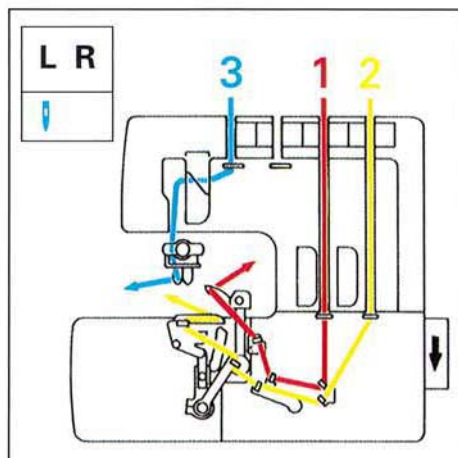
with converter



- Program 06:  
3-thread overedge, narrow
- Program 12:  
3-thread rolled hem
- Program 13:  
folded 3-thread rolled hem
- Program 09:  
3-thread flatlock, narrow



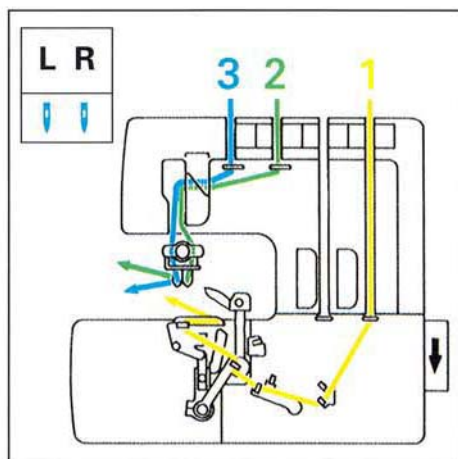
## Overview of the threading paths and threading sequences



Program 07:  
3-thread overedge, wide

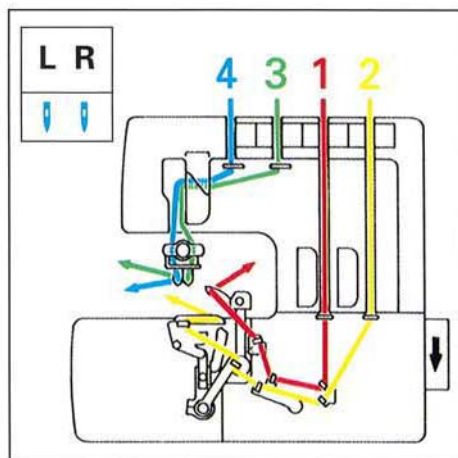
Program 08:  
3-thread serging, wide

Program 10:  
3-thread flatlock, wide

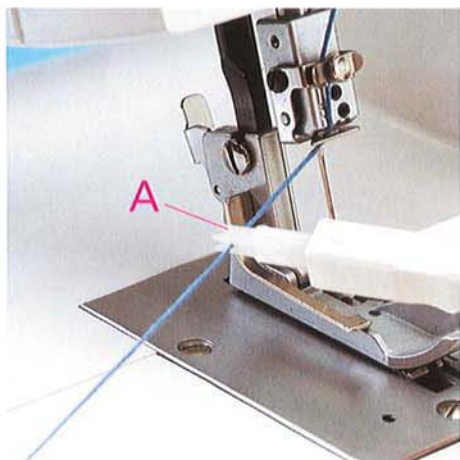


Program 11:  
2-needle 3-thread assembly seam

with converter

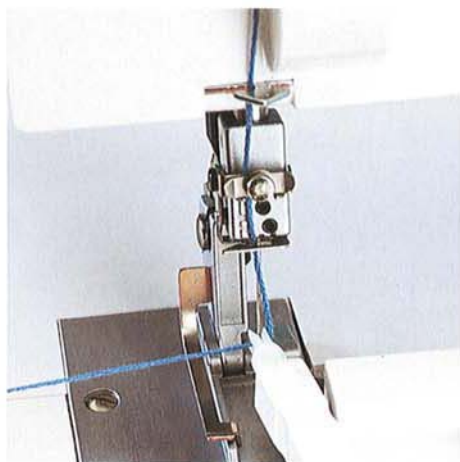


Program 14:  
4-thread overedge seam



### **Needle threader**

Move the needle(s) into the highest position and lower the presser foot. Place the thread from right to left in notch **A** of the needle threader (provided in the accessory box). One of the two triangles must point upward.

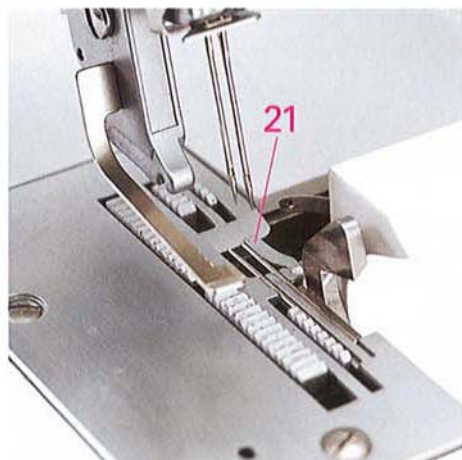


Place the needle threader onto the front groove of the needle. Slide the needle threader down to the needle eye and press it lightly against the needle.



A small metal pin pushes a thread loop through the needle eye and the needle is automatically threaded. Thread loops must be pulled to the back.

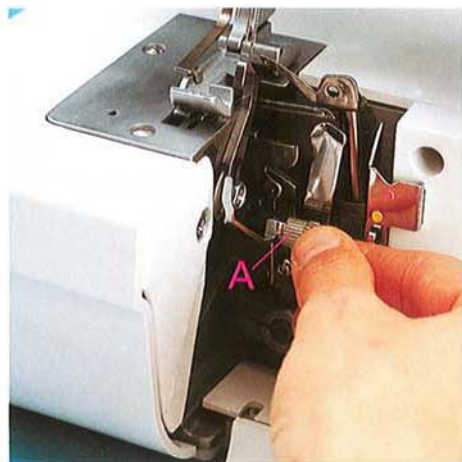




### Swiveling stitch width latch

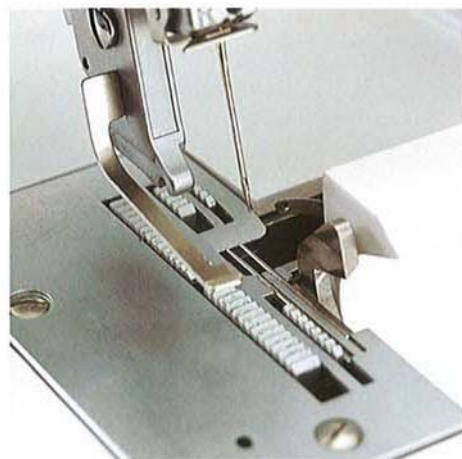
#### For standard overlock seams:

The swiveling stitch width latch **21** remains in the basic position when sewing all types of standard overlock seams.



#### For rolled hems:

Pull knob **(A)** to the right and swivel the swiveling stitch width latch **21** downward.



This setting allows you to sew all types of rolled hems.



### Attaching the converter

#### Switch off the electrical power

The converter provided in the accessory box must be attached for all two-thread seams and the two-needle three-thread assembly seam.

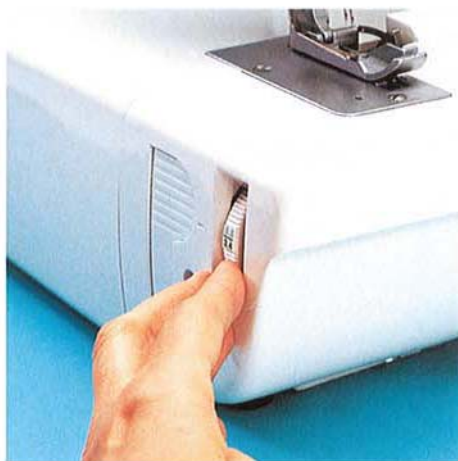
Position the upper overedge looper **18** right next to the needle by turning the hand-wheel toward you.



Push the tip of the converter into the back side of the upper overedge looper until it clicks into place and push the converter onto the overedge looper bracket.



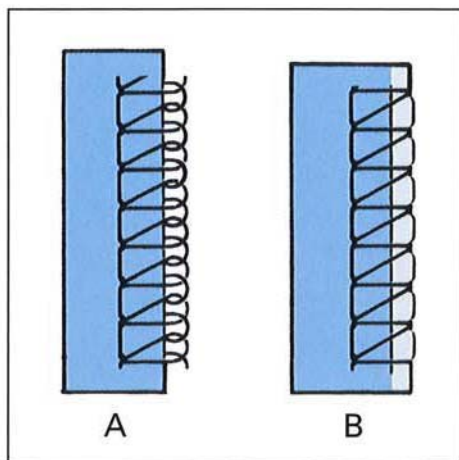
To remove the converter, gently push the point of the converter from the eye of the upper overedge looper. You can now remove the converter by pulling it upward from the overedge looper bracket.



### Setting the seam width

The required seam width can be adjusted anywhere between 3.4 and 7 mm by turning the seam width setting dial **10**.

The green value refers to the right needle; the blue value refers to the left needle.



**Illustration A:** Should loops project out of the workpiece, move the movable upper blade **22** to the right by turning the seam width setting dial upward.

**Illustration B:** Should the stitching be too tight, move the movable upper blade **22** to the left by turning the seam width setting dial downward.

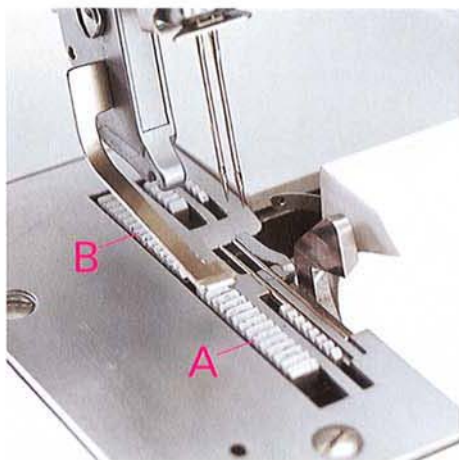


### Adjusting the stitch length

You can set the desired stitch length between 0.5 mm to 4.0 mm by moving the stitch length adjustment lever **5**.

For most overlock work the setting should be 3.0.

For rolled hems set the stitch length between 1.0 and 2.0.



### Differential feed

The differential feed consists of two feed dogs (**A + B**), one behind the other, which feed the fabric. The movement of the front feed dog (**A**) and thus the amount of material to be fed can be regulated with lever **6**. The setting range is between 0.5 and 2.0.

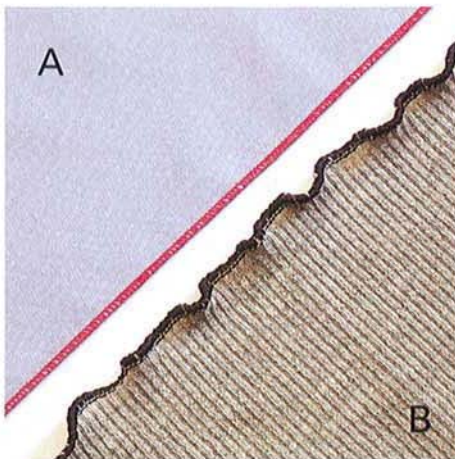
The **standard setting** is 1.0, where the movement of the front feed dog (**A**) is synchronized with the rear feed dog (**B**). This means that the front feed dog feeds the same amount of fabric as the rear feed dog.

### Note:

The function of the differential feed also depends on the set stitch length and the type of fabric being used.



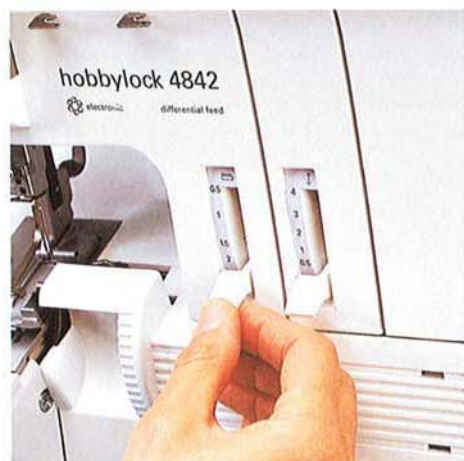
Set the differential feed lever **6** to 0.5. At this setting the front feed dog feeds half as fast as the rear feed dog. This means that the front feed dog feeds only half as much fabric as the rear feed dog, causing the fabric to **stretch**.



Here you will avoid gathering/puckering of the seam when working with very light fabrics, such as silk and taffeta. Instead, a smooth seam (**A**) will be achieved.

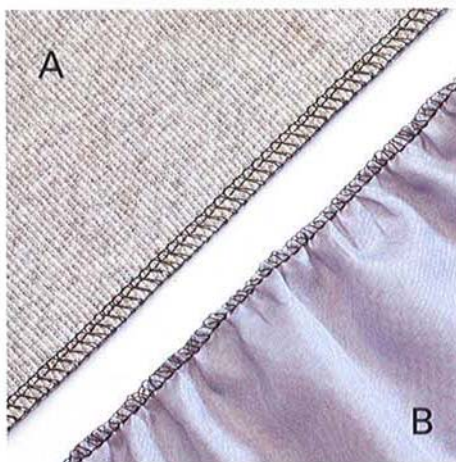
You can also achieve decorative effects with the differential feed dog. For example the wavelike effect when using a rib knit (**B**).





Set the differential feed lever **6** to 2.0.

Here the front feed dog feeds twice as fast as the rear feed dog. This means that the front feed dog feeds twice as much fabric as the rear feed dog, causing the material to **gather**.

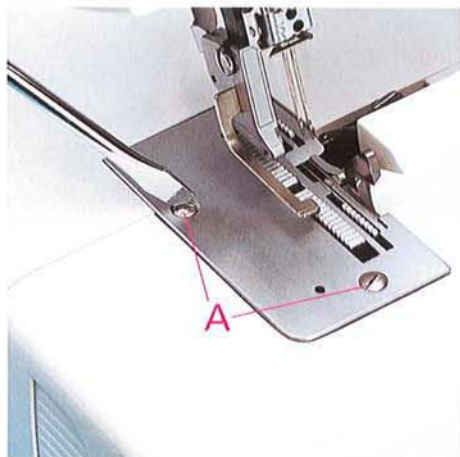


Here you will avoid stretching in the seam when working with knitwear, such as jerseys or gathered fabrics. Instead, a smooth seam (**A**) will be achieved.

You can also achieve decorative effects with the differential feed dog. For example the gathering effect when using very light fabrics (**B**).

The following table contains information on the differential feed settings. However, you should always test your setting first on a piece of scrap fabric.

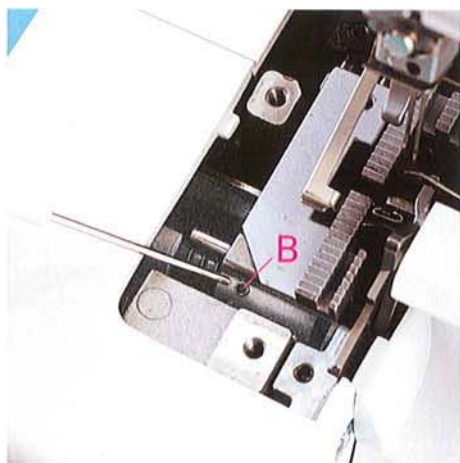
Type of fabric / effect	Differential feed setting		
	gather <2.0>	normal <1.0>	stretch <0.5>
<b>Very light fabrics:</b> silk, satin, poplin, taffeta, linings.		●	●
<b>Normal fabrics:</b> light and medium-heavy cottons, fine cords, thermal-wear.		●	
<b>Light knitwear:</b> jerseys, polo fabrics, cut-pile pullovers, tricot, fine knitwear and gathered fabrics.	●	●	
<b>Heavy knitwear:</b> sweatshirt fleece, heavy gathered fabrics, heavy knitwear.	●		
<b>Stretch - wavelike effect:</b> medium and light knitwear, jerseys, knitwear, ruffled sleeve and collar edges, skirt hems, dense stitch lengths.			●
<b>Gathering:</b> ruffling light materials and lace, seam allowances for curves, sleeve caps on blouses, shirts, skirts, round pockets, flaps, stretching or gentle ruffling of sleeve caps (shoulders), sleeve widths for cuffs or gathered fabrics.	●		



### Removing the needle plate

Remove the presser foot and loosen the screw **A** using the screwdriver provided in the accessory box. You will now be able to remove the needle plate from the machine bed.

Repeat this procedure in the reverse order to insert the needle plate.



### Securing the upper blade

#### Switch off the electrical power

It is recommended to secure the movable upper blade **22** before sewing heavy fabrics. Raise the needle(s) to the highest position. Remove the presser foot and the needle plate. Tighten the screw **B** fully using the Allen key.



The screw **B** can also be tightened through the hole of the needle plate.

This screw should always be slightly loosened again after sewing heavy fabrics.

#### Note:

The seam width can no longer be adjusted once the upper blade is secured.



### **Disengaging the upper blade** **Switch off the electrical power**

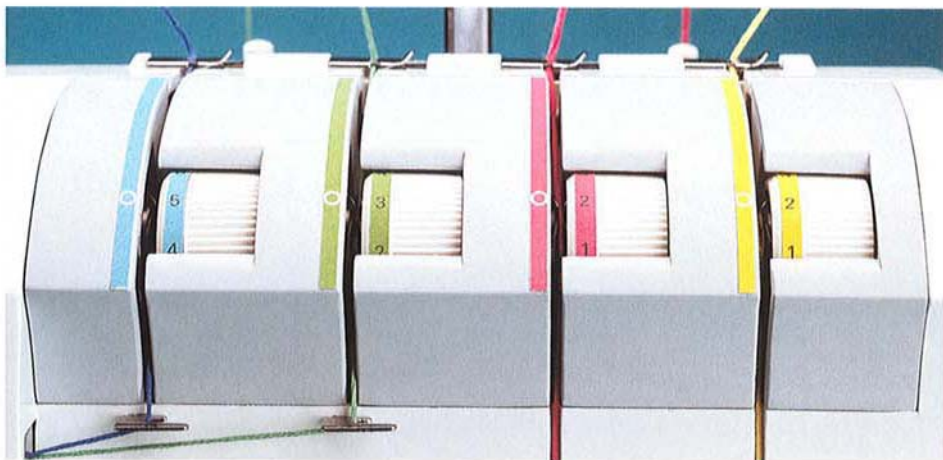
Move the movable upper blade **22** into its highest position by turning the handwheel. Open the looper cover. Push the disengaging lever **11** for the upper blade fully to the right. The upper blade stops in this position.



Turn the upper blade toward you until it clicks into place below. The upper blade is now disengaged.

### **Engaging the upper blade**

Push the upper blade disengaging lever **11** to the right and swivel the blade back until it clicks into the operating position. Close the looper cover.



### **Setting thread tension**


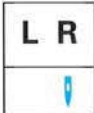
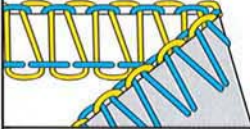

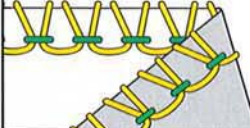

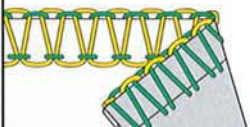

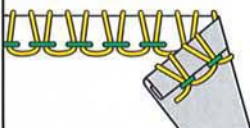

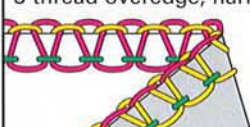

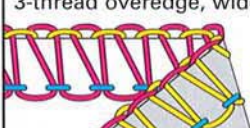

The following pages contain directions for setting thread tensions for all programs. Adjust the tension by turning the tensioning wheel until the dot marker is at the desired setting.

The settings for adjusting thread tension are recommendations. Fabric type, thread quality and needle size will influence seam results. Always sew off a test seam onto a piece of scrap fabric and check the thread loops. Adjust the thread tension if necessary.

Adjusting the tension settings is described on pages 34 to 42.



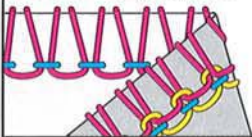
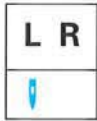
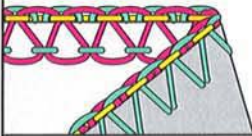
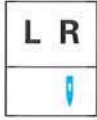
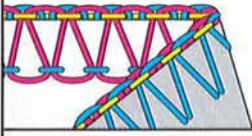
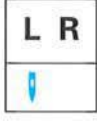
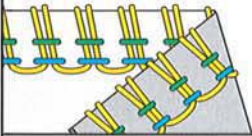
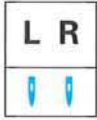
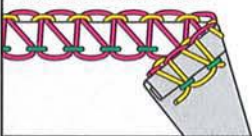
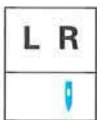
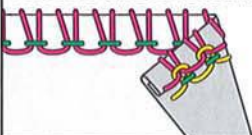
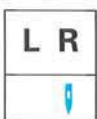
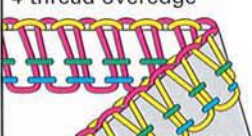
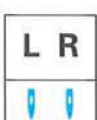
## Program overview

Program	Application	Needle position	Stitch length	Stitch width
Program 01 2-thread flatlock, narrow 	Serging light fabrics. Joining stretch fabrics with a flatlock seam.		3	3.4
Program 02 2-thread flatlock, wide 	Serging medium-heavy fabrics. Joining stretch fabrics with a flatlock seam.		3	5.5
Program 03 2-thread serging, narrow 	Serging light fabrics.		3	3.4
Program 04 2-thread rolled hem 	Serging very light fabrics. Decorative edges.		1-2	3.4
Program 05 Folded 2-thread rolled hem 	Serging very light fabrics. Decorative edges.		1-2	3.4
Program 06 3-thread overedge, narrow 	Serging light (easily frayed) fabrics.		3	3.4
Program 07 3-thread overedge, wide 	Serging tightly woven (easily frayed) fabrics.		3	5.5

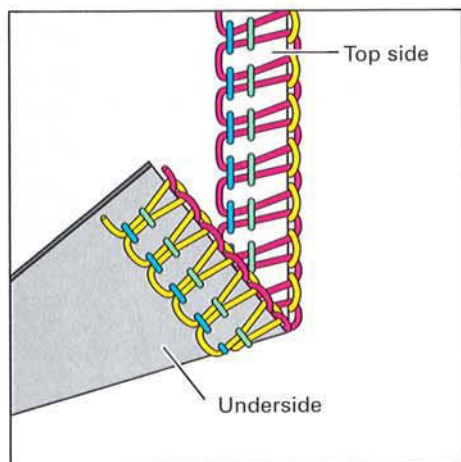


Swiveling stitch width latch 21 ■ = top □ = bottom	Converter ● = with ○ = without	Thread tension The values refer to medium-heavy fabrics and normal polyester thread			
		blue	green	pink	yellow
■	●		0.5		6.0
■	●	0.5			6.0
■	●		5.0		2.0
□	●		1.0		6.0
□	●		3.5		5.0
■	○		4.0	2.0	1.5
■	○	4.0		2.0	2.0

## Program overview

Program	Application	Needle position	Stitch length	Stitch width
Program 08 3-thread serging, wide 	Serging tightly woven (non-fraying) fabrics.		3	5.5
Program 09 3-thread flatlock, narrow 	Serging medium-heavy fabrics. Joining stretch fabrics with a flatlock seam and decorative edges.		3	3.4
Program 10 3-thread flatlock, wide 	Joining stretch fabrics with a flatlock seam and decorative edges.		3	5.5
Program 11 2-needle, 3-thread assembly seam 	Joining and simultaneous serging of light, very stretchy fabrics.		3	5.5
Program 12 3-thread rolled hem 	Serging light to medium-heavy fabrics. Decorative edges.		1-2	3.4
Program 13 Folded 3-thread rolled hem 	Serging light to medium-heavy fabrics. Decorative edges.		1-2	3.4
Program 14 4-thread overedge 	Joining and simultaneous serging of all fabrics, in particular stretchy fabrics.		3	5.5

Swiveling stitch width latch 21 ■ = top □ = bottom	Converter ● = with ○ = without	Thread tension The values refer to medium-heavy fabrics and normal polyester thread			
		blue	green	pink	yellow
■	○	5.0		0.5	8.0
■	○		0.5	2.0	8.0
■	○	0.5		2.5	8.0
■	●	6.0	4.0		1.5
□	○		3.0	4.0	2.0
□	○		3.0	2.0	8.0
■	○	5.0	3.0	2.0	2.0

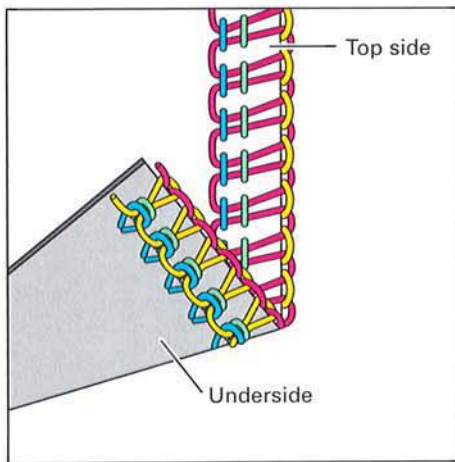


### Stitch formation correction measures

#### 4-thread overedge seam

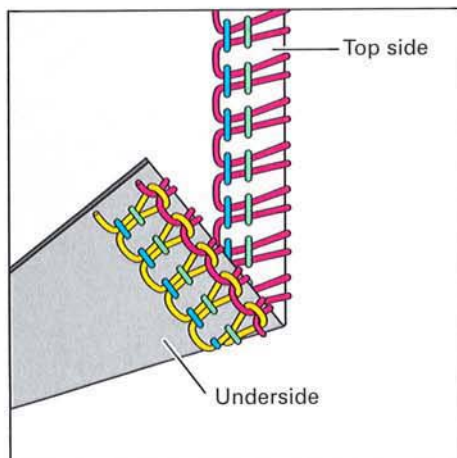
##### Program 14

When all tensions are correctly set, the loops of both looper threads (pink and yellow) are directly on the edge of the fabric.



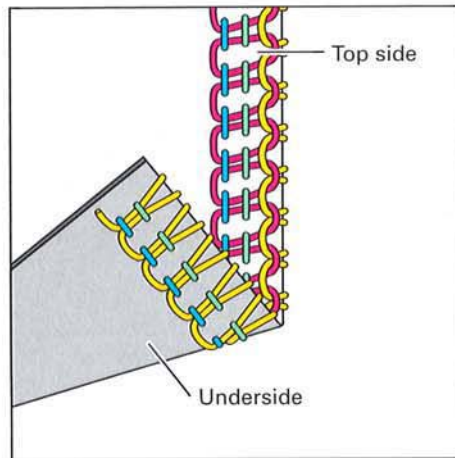
The needle threads (blue and green) are too loose, causing larger loops of needle threads on the underside of the fabric.

Set the blue and green thread tension to a higher value.



The **upper looper thread** (pink) appears on the underside of the fabric.

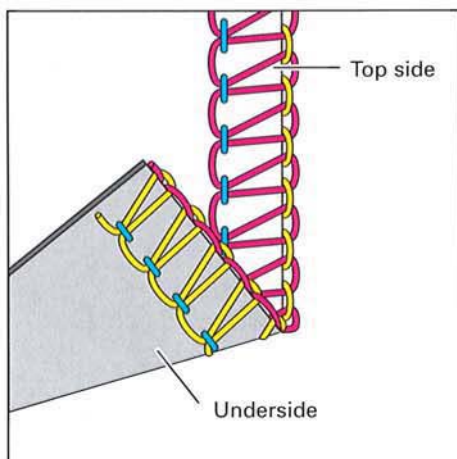
Set the pink thread tension to a higher value and/or the yellow thread tension to a lower value.



The **lower looper thread** (yellow) appears on the top side of the fabric.

Set the yellow thread tension to a higher value and/or the pink thread tension to a lower value.

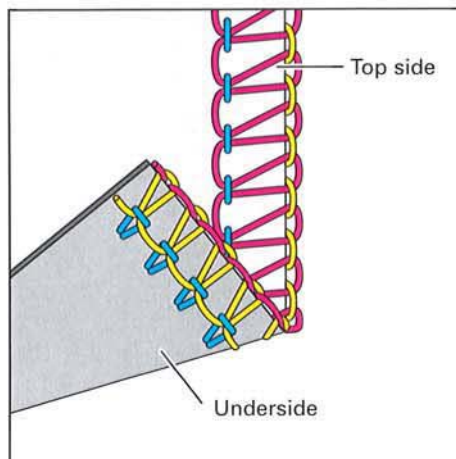




### 3-thread overedge seam narrow and wide

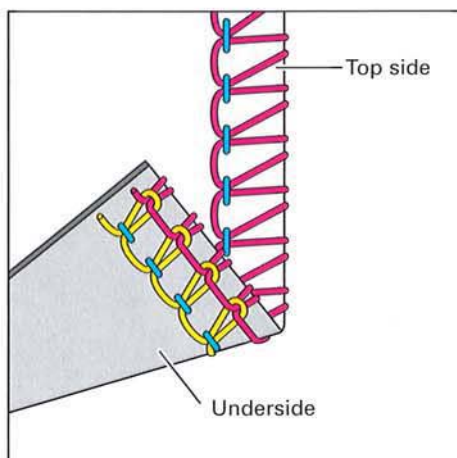
#### Program 06 and 07

When all tensions are correctly set, the loops of both looper threads (pink and yellow) are directly on the edge of the fabric.



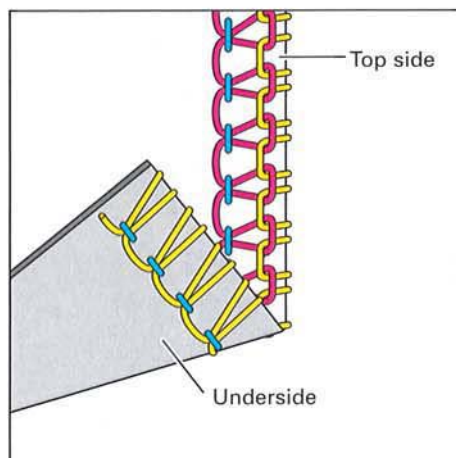
The **needle thread** is too loose, causing loops on the underside of the fabric.

Set the relevant needle thread tension to a higher value.



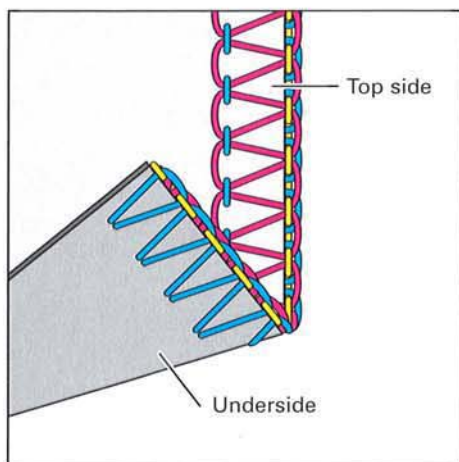
The **upper looper thread** (pink) appears on the underside of the fabric.

Set the pink thread tension to a higher value and/or the yellow thread tension to a lower value.

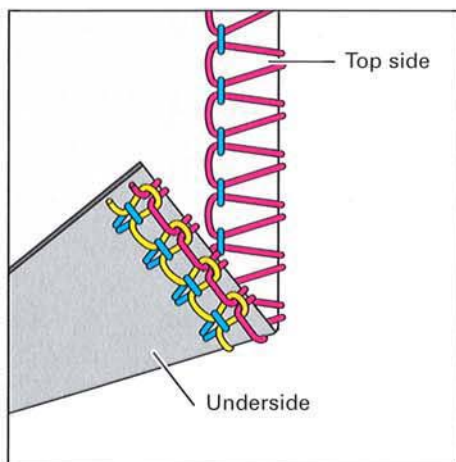


The **lower looper thread** (yellow) appears on the top side of the fabric.

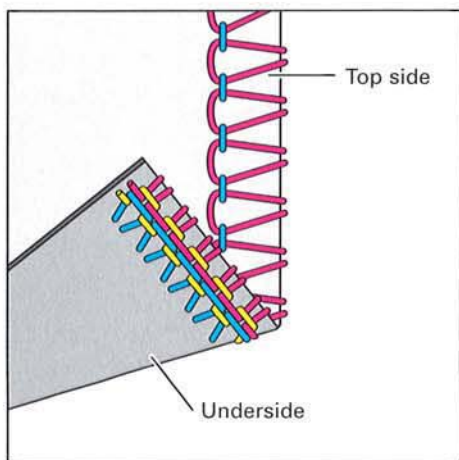
Set the yellow thread tension to a higher value and/or the pink thread tension to a lower value.



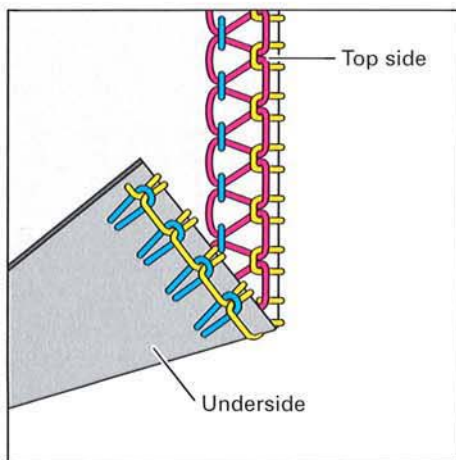
**3-thread flatlock**  
**narrow and wide**  
**Program 09 and 10**



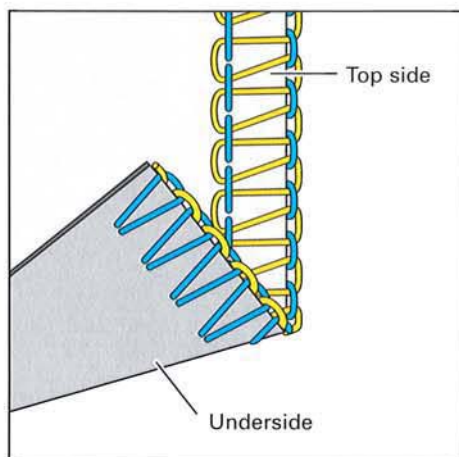
The **needle thread** is too tight.  
 Set the needle thread tension (blue) to a lower value.



The **upper looper thread** (pink) appears on the underside of the fabric.  
 Set the pink thread tension to a higher value.



The **lower looper thread** (yellow) is too loose.  
 Set the yellow thread tension to a higher value.



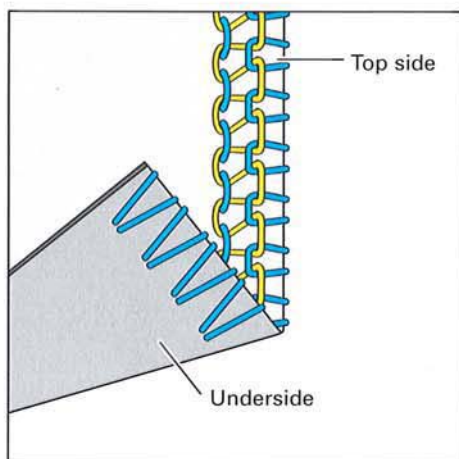
## 2-thread flatlock

### narrow and wide

#### Program 01 and 02

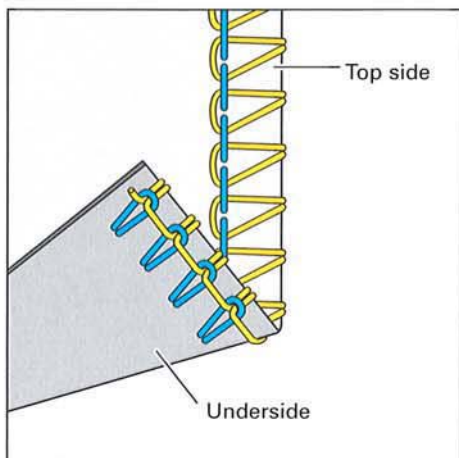
When all tensions are correctly set, the loops of both threads are directly on the underside of the fabric.

**Note:** The converter (see page 24) must be attached to sew the 2-thread flatlock seam.



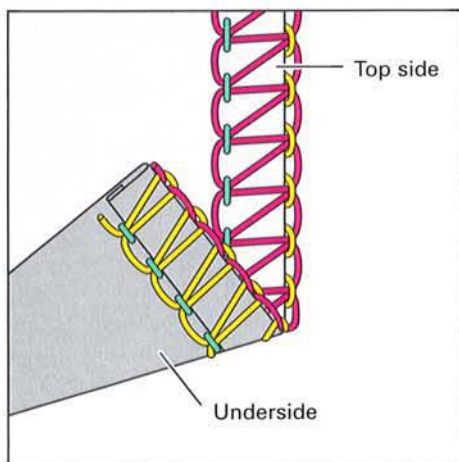
The **needle thread** is too loose or the lower looper thread (yellow) is too tight.

Set the relevant needle thread tension to a higher value and/or the yellow thread tension to a lower value.

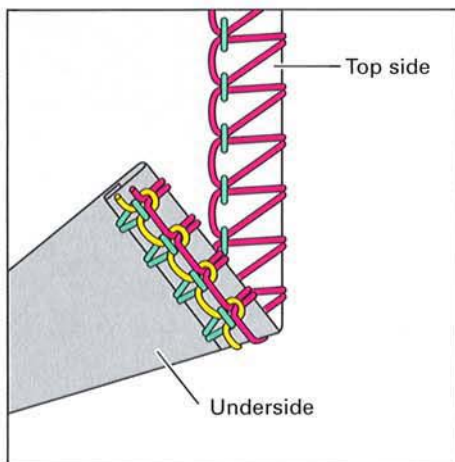


The **lower looper thread** (yellow) is too loose and/or the needle thread is too tight.

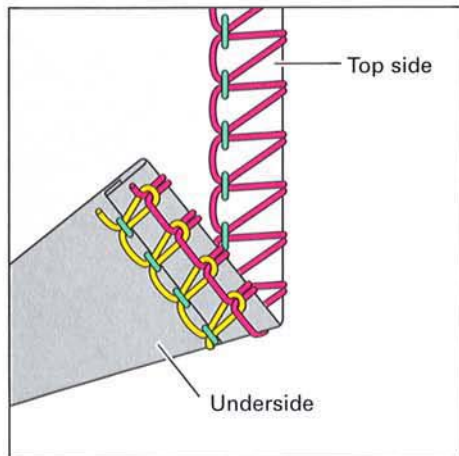
Set the yellow thread tension to a higher value and/or the relevant needle thread tension to a lower value.



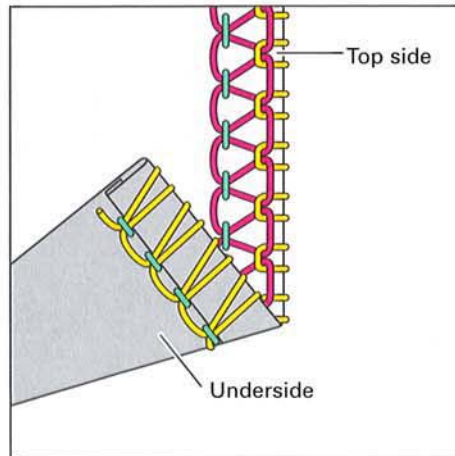
**3-thread rolled hem**  
**Program 12**



The **right needle thread** (green) is too loose.  
Set the green thread tension to a higher value.

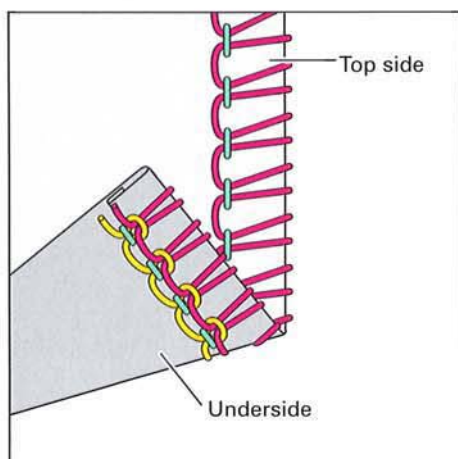


The **upper looper thread** (pink) appears on the underside of the fabric.  
Set the pink thread tension to a higher value and/or the yellow thread tension to a lower value.

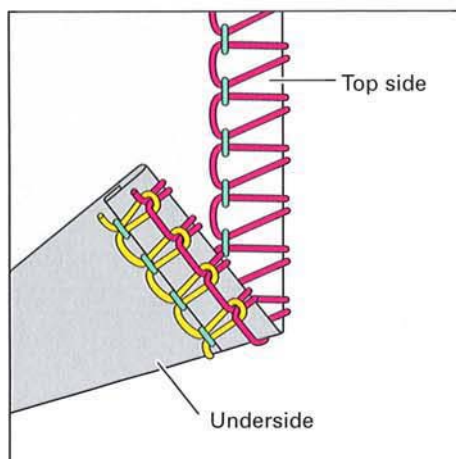


The **lower looper thread** (yellow) appears on the top side of the fabric.  
Set the yellow thread tension to a higher value and/or the pink thread tension to a lower value.

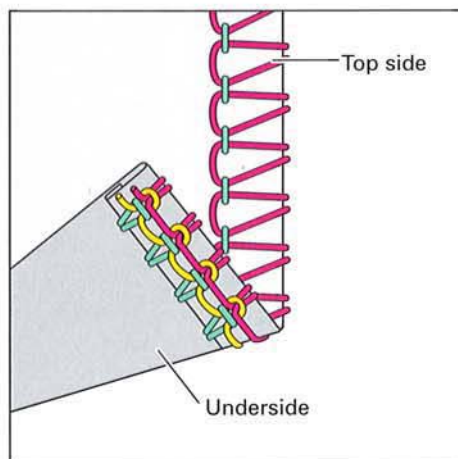




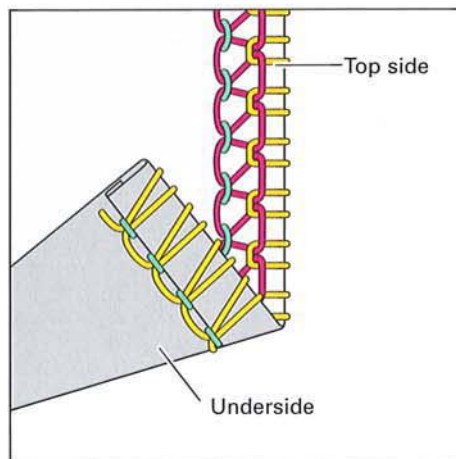
**3-thread rolled hem (folded)**  
**Program 13**



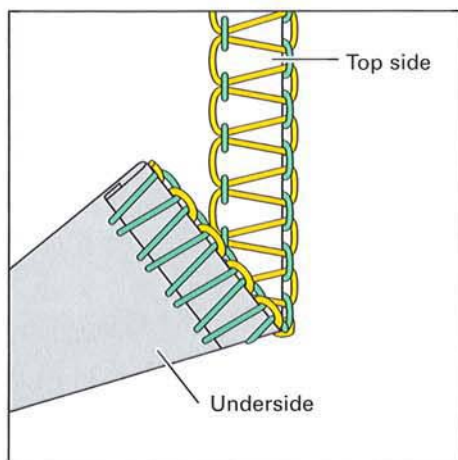
The **right needle thread** (green) is too loose.  
 Set the green thread tension to a higher value.



The **upper looper thread** (pink) only partly loops around the fabric edge.  
 Set the pink thread tension to a lower value and/or the yellow thread tension to a higher value.



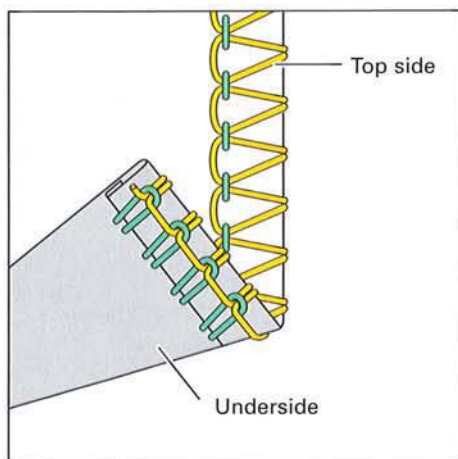
The **lower looper thread** (yellow) appears on the top side of the fabric.  
 Set the yellow thread tension to a higher value and/or the pink one to a lower value.



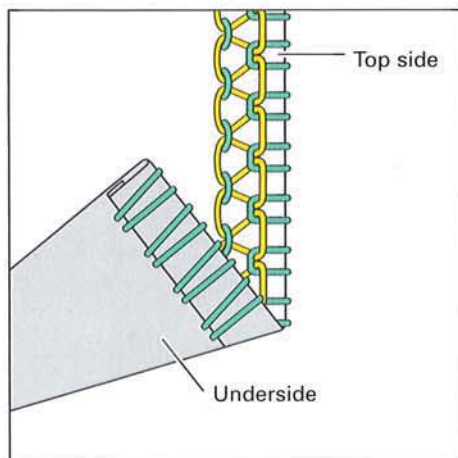
## 2-thread rolled hem

### Program 04

**Note:** The converter (see page 24) must be attached to sew the 2-thread rolled hem.



The **right needle thread** (green) is too tight. Set the green thread tension to a lower value and/or the yellow thread tension to a higher value.

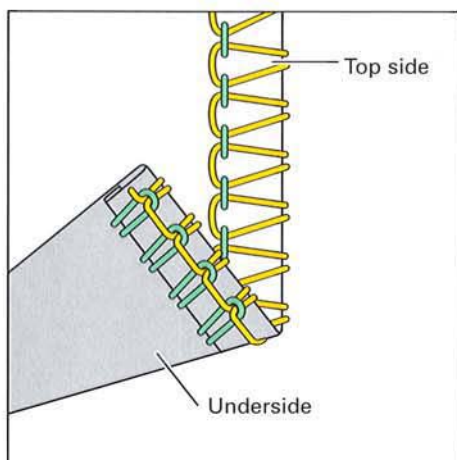
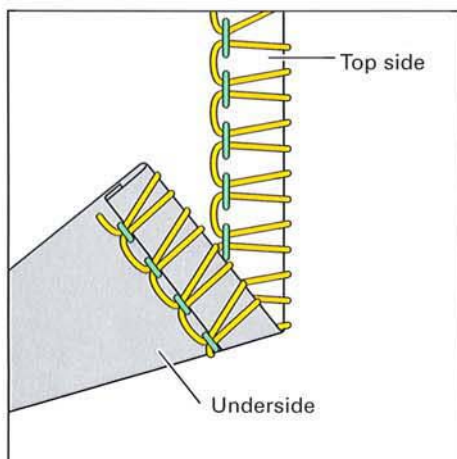


The **lower looper thread** (yellow) is too tight. Set the yellow thread tension to a lower value and/or the green thread tension to a higher value.

## 2-thread rolled hem (folded)

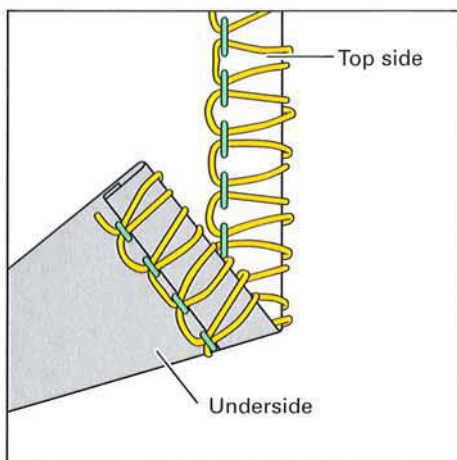
### Program 05

**Note:** The converter (see page 24) must be attached to sew the 2-thread rolled hem.



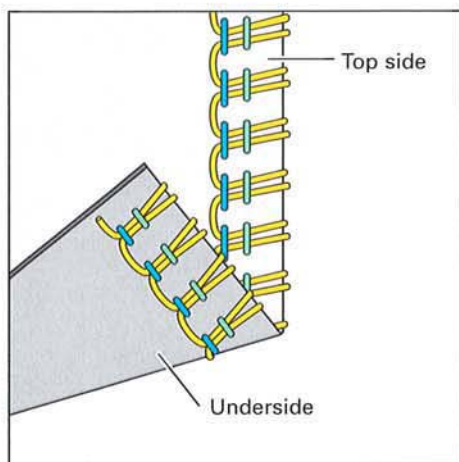
The **right needle thread** (green) is too loose.

Set the green thread tension to a higher value and/or the yellow thread tension to a lower value.



The **lower looper thread** (yellow) is too loose.

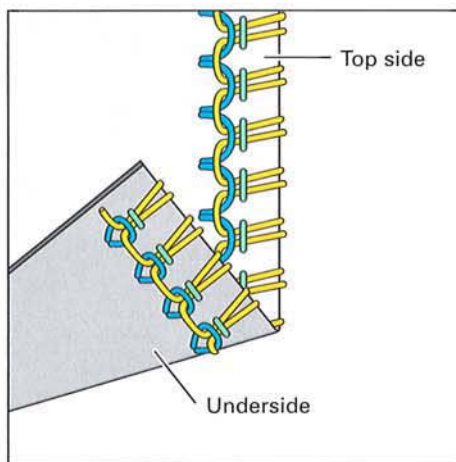
Set the yellow thread tension to a higher value.



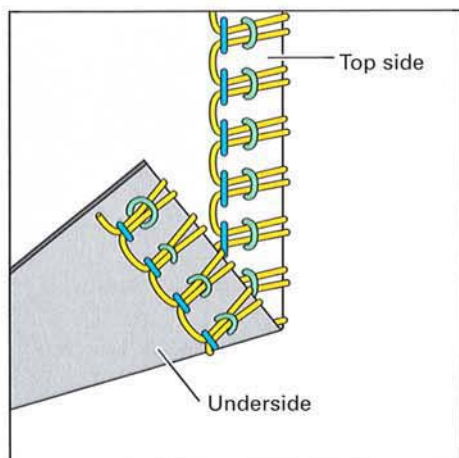
## 2-needle 3-thread assembly seam

### Program 11

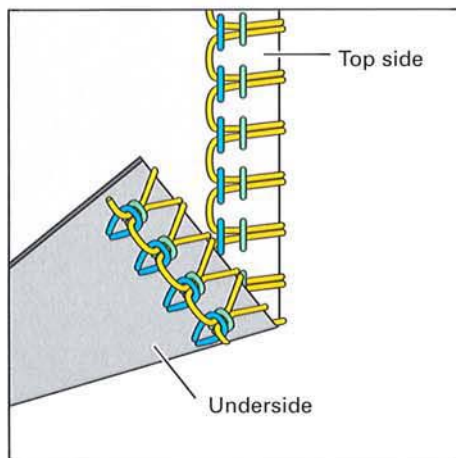
**Note:** The converter (see page 24) must be attached to sew the 2-needle 3-thread assembly seam.



The **left needle thread** (blue) is too loose.  
Set the blue thread tension to a higher value.



The **right needle thread** (green) is too loose.  
Set the green thread tension to a higher value.



The **lower looper thread** (yellow) is too tight.  
Set the yellow thread tension to a lower value.



**Thread chart for 2-, 3- and 4-thread overedge seams**

Fabric	Thread	Stitch length
Light fabrics: organdy, fine knitwear, taffeta, silk, lining fabrics	Cotton                      no. 50 - 70 Synthetic thread      no. 70 - 140	2.0 - 4.0 mm
Medium-heavy fabrics: cotton, tricot, linen, dress fabrics	Cotton                      no. 40 - 60 Synthetic thread      no. 70 - 140	2.0 - 4.0 mm
Heavy fabrics: tweed, suit fabrics, denim, heavy cloth	Cotton                      no. 30 - 50 Synthetic thread      no. 70 - 140	2.0 - 4.0 mm
Knitwear:	Cotton                      no. 40 - 60 Synthetic thread      no. 70 - 140	2.0 - 4.0 mm
2 or 3-thread rolled hems	Polyester thread      no. 120 - 140 Mercerized thread    (bulk thread)	1.0 - 2.0 mm



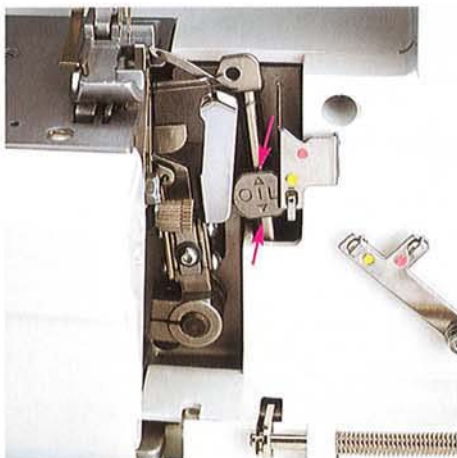
## Machine maintenance

### Cleaning the machine

**Switch off the electrical power and pull out the lead cord/plug**

Open the looper cover, disengage the upper blade, remove the presser foot and the needle plate.

Remove the cover and loosen the screw



### Lubricating the machine

**Switch off the electrical power**

Move the upper overedge looper into its highest position. Lubricate the points shown above with the oil provided (located in the accessory box) every time you clean the machine. One or two drops of PFAFF overlock machine oil are sufficient. All other parts are manufactured from special materials and do not require any lubrication.



(between stitch width setting dial and upper blade disengaging lever) and remove the side cover.

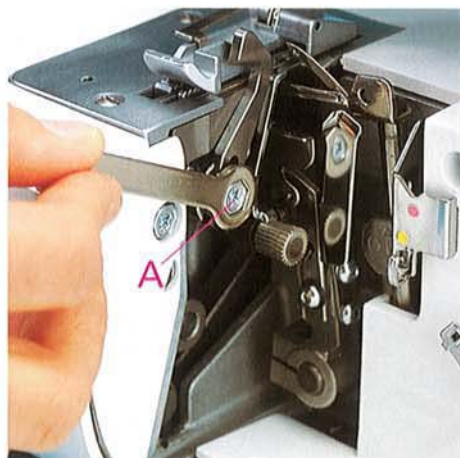
Use the accessory brush provided to remove any waste thread from the upper and lower blades, the differential feed and the looper area.

Reattach the side cover, the presser foot and the needle plate. Engage the upper blade.



### Cleaning the rubber feet

Clean the rubber feet from time to time with alcohol. This ensures good stability.



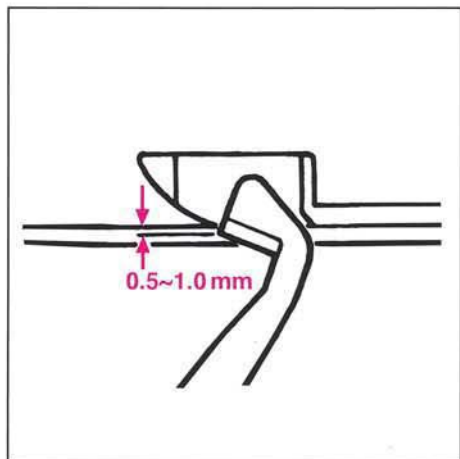
## Changing the upper blade

### Switch off the electrical power

**To remove:** Set the seam width setting dial to 3.4 mm. Fasten the upper blade (see page 28) before loosening the fastening screw **A** with the wrench provided in the accessory box. Then remove the upper blade.



**To insert:** Attach the new upper blade and gently tighten the fastening screw. Then turn the handwheel until the upper blade is in the lowest position.



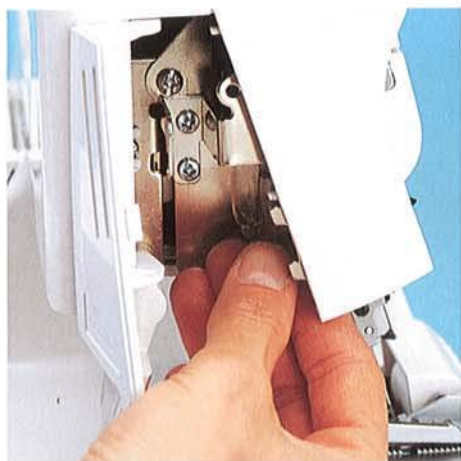
In this position the front edge of the upper blade must be **0.5 to 1.0 mm lower** than the **cutting edge** of the **lower blade**. When the upper blade has been properly inserted you can fully tighten the fastening screw. Loosen the screw to the movable upper blade.



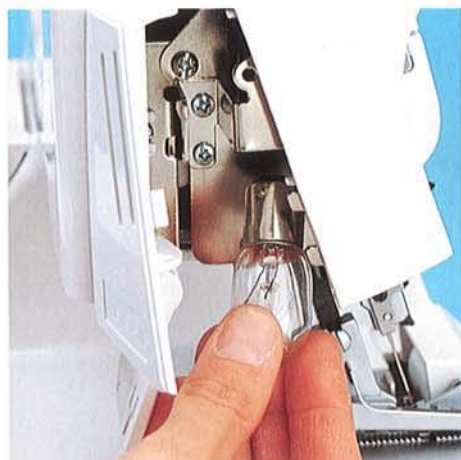
### **Changing the light bulb**

**Switch off the electrical power and pull out the lead cord/plug**

Raise the presser foot and open the sewing light cover **15**.



Push the light bulb fully into its socket. Rotate counterclockwise through half a turn and remove.



Guide the new light bulb (max. 15 W) into the socket and twist until both pins on the bulb click into place. Press the bulb right into the socket, twisting it clockwise until it is securely fixed.

Close the sewing light cover.



## Sewing problems and their solutions

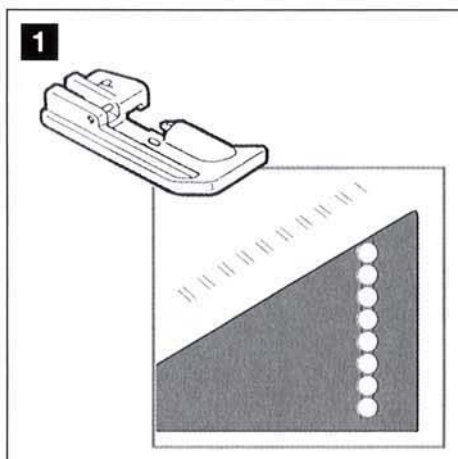
This machine has been developed with ease of operation in mind. No difficult or tricky settings need to be made. Sewing problems of the kind described below may occur as a result of minor adjustment and operating errors. They can be easily adjusted by following the instructions.

Problem	Cause	Solution
Needle breakage	The needle was bent or the point damaged. The needle was not fully inserted. The fabric was pulled too firmly.	Insert new needle (see page 13). Insert needle fully (see page 13). Do not pull on the fabric when sewing.
Thread breaks	Incorrectly threaded. Thread has caught. Thread tension is too tight. Needle not fully inserted. Incorrect needle used.	Thread properly (see page 14 - 18). Check if the thread is caught on the spool stand etc. Correct the tension (see page 34 - 42). Insert needle correctly (see page 13). Use needle system EL X 705.
Skipping stitches	Needle bent or point damaged. Needle not fully inserted. Incorrect needle used. Incorrectly threaded.	Insert new needle (see page 13). Insert needle correctly (see page 13). Use needle system EL X 705. Thread correctly (see page 14 - 18).
Stitch formation faulty	Incorrect setting of thread tensions.	Re-set thread tensions (see page 34 - 42).
3 or 4 thread overedge seam has an irregular appearance and the upper looper thread has not interlocked in the seam.	The converter is attached.	The converter must be removed (see page 24).
Machine will not operate although master switch is on	Power supply interrupted.	Close looper cover (see page 8).
Fabric not neatly trimmed	Waste thread between upper and lower blade Upper blade is blunt.	Clean blades. Replace upper blade (see page 45).
Puckered seams	Thread tension too tight. Incorrect setting of differential feed. Thread has caught due to incorrect threading.	Reduce thread tension. Re-adjust differential feed (see pages 26, 27). Thread correctly (see pages 14 - 18).
Fabric not fed through evenly	Stitches too short. Presser foot pressure too low for heavy fabrics. Presser foot pressure too high for lightweight fabrics.	Increase stitch length (see page 25). Increase presser foot pressure (see page 11). Reduce presser foot pressure (see page 11).

### Optional accessories

This machine offers a wide range of optional accessories for special serging details. Consult your PFAFF dealer.

Optional accessory	Order No.	Use
Beading foot P	29 924 993 82-041	For serging on beading and sequins.
Bead needle plate P	29 924 993 82-042	The bead needle plate P together with the beading foot P allows you to serge on beading and make a rolled hem simultaneously.
Multi-purpose foot C	29 924 993 82-017	For sewing on bands, elastic tape, elastic thread and fishing line together with the various elastic tape inserts.
Elastic tape insert 7.5 mm	29 924 993 82-034	For sewing on elastic tape with a width up to 7.5 mm.
Elastic tape insert 10 mm	29 924 993 82-035	For sewing on elastic tape with a width up to 10 mm.
Elastic tape insert 13 mm	29 924 993 82-036	For sewing on elastic tape with a width up to 13 mm.
Gathering/shirring foot G	29 924 993 82-018	For shirring/gathering and joining two pieces of fabric simultaneously.
Blindstitch foot D	29 924 993 82-019	For serging blind hems and ornamental seams.
Piping and welting foot E	29 924 993 82-043	Presser foot for guiding and sewing in piping and welting.
Accessory holder	29 924 993 82-039	Holder, to which the following accessories together with the retaining screw and the swiveling arm can be attached.
Retaining screw	29 924 993 82-023	For securing the following accessories to the accessory holder.
Edge guide with units of measurement	29 924 993 82-044	For guiding the fabric edge and measuring cut widths and seam widths simultaneously.
Gathering/shirring tongue	29 924 993 82-027	For gathering/shirring and joining two pieces of fabric simultaneously (use the machine's standard presser foot).
Swiveling arm	29 924 993 82-024	For attaching the following accessories to the accessory holder
Curved-seam guide	29 924 993 82-025	For serging a curved piece to a straight piece of fabric (use the machine's standard presser foot).
Piping and welting accessory	29 924 993 82-030	Together with piping foot E, for binding and guiding piping and gimp between two layers of fabric.



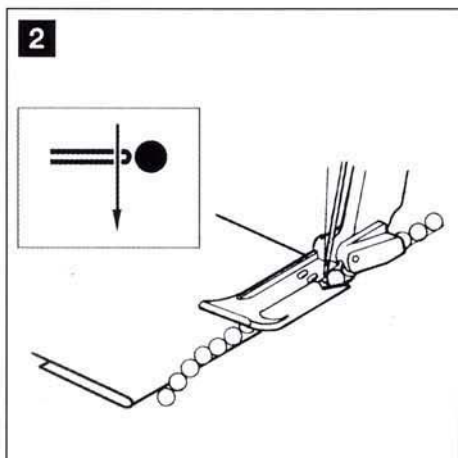
### Beading foot P

This optional foot is used for sewing on beads, sequins and cords.

### Machine setting

Set your machine to the 2-thread flatlock seam, wide (prog. 02).

Swivel the stitch width latch downward if necessary. Stitch length should be between 2.5 mm and 4 mm depending on bead size.

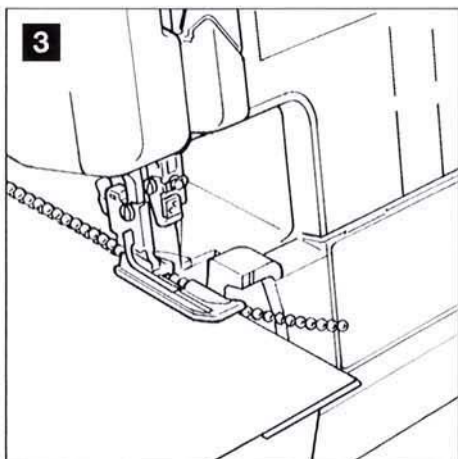


### Working

Change the presser foot to the beading foot P. Insert the string of beads into the guide groove on the underside of the foot. Let the beads extend out the back of the foot and sew a few stitches to hold the beads temporarily.

Using a fabric-marking pen, mark out the bead pattern on the top side of fabric. Fold the fabric wrong sides together along the marked line.

Lay the fabric under the presser foot and guide the marked line just to the left of the upper blade when sewing (the fabric should not be cut).



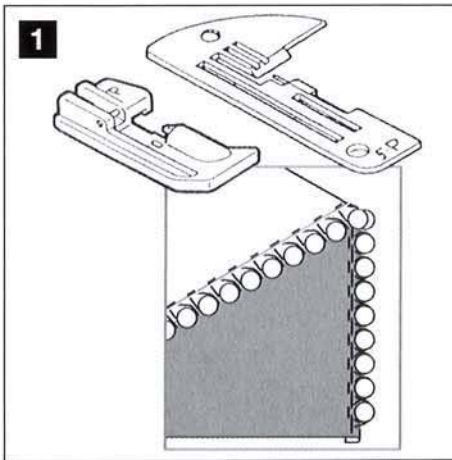
Start sewing slowly.

During sewing pull the fabric lightly to avoid puckering of the seam.

Pull the fabric apart.

Sew a test seam.

**Note:** You can obtain an additional effect by threading the looper with embroidery yarn (size 30) or invisible sewing thread.



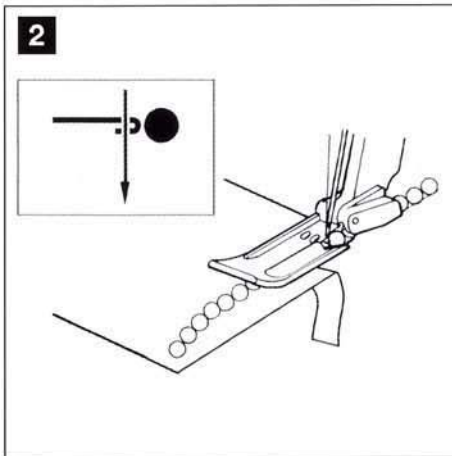
### Beading attachment (beading foot P + bead needle plate P)

The bead needle plate P together with the beading foot P allows you to serge on beading and make a rolled hem simultaneously.

### Machine setting

Set your machine to the 3-thread rolled hem (prog. 12)

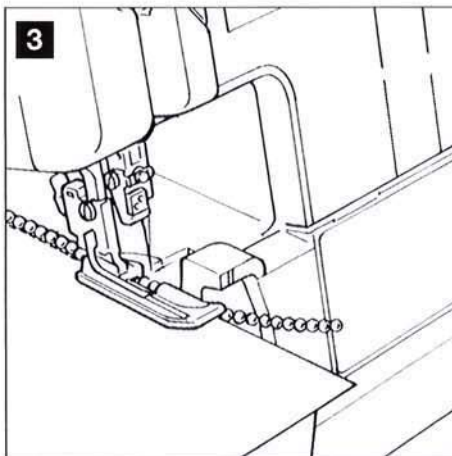
**Important:** use needle **L** and change the needle plate. Stitch length should be between 2.5 mm and 4 mm depending on bead size.



### Working

Change the presser foot to the beading foot **P**. Insert the string of beads into the guide groove on the underside of the foot. Let the beads extend out the back of the foot and sew a few stitches to hold the beads temporarily.

Place the fabric with the right side up under the beading foot and start sewing slowly.



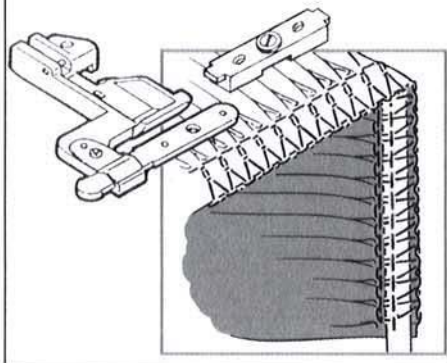
During sewing pull the fabric lightly to avoid puckering of the seam.

Sew a test seam.

**Note:** You can obtain an additional effect by threading the looper with embroidery yarn (size 30) or invisible sewing thread.



1



### Taping attachment (multi-purpose foot C + elastic tape insert)

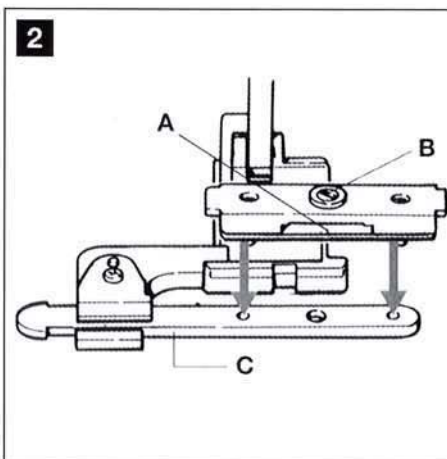
The taping attachment is used for sewing on elastic tape. In the same operation the fabric is trimmed and serged and also gathered by the contracting elastic tape.

The tape insert is available in different sizes depending on the width of the elastic tape.

### Machine setting

Set your machine to the 4-thread overedge seam (prog. 14). Stitch length should be between 2.5 mm and 4 mm. Set the max. stitch width.

2



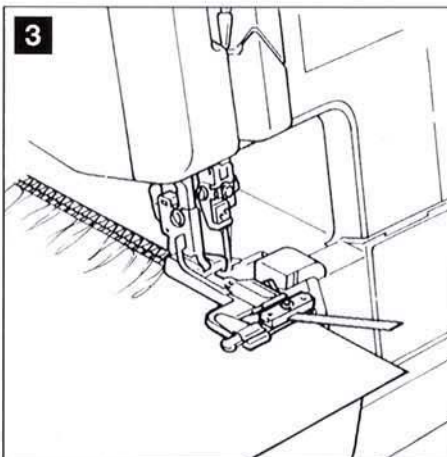
### Working

Loosen screw B and insert the elastic tape into opening A. Attach the taping foot and pull the elastic through so it extends beyond the back edge of the foot.

Re-tighten screw B. The more the screw is tightened, the greater the pressure the brake exerts on the elastic and thus the greater the gather effect.

Set guide C so that the elastic is guided next to the blade. Place the fabric with the right side up under the elastic, in front of the blade.

3



Start sewing slowly.

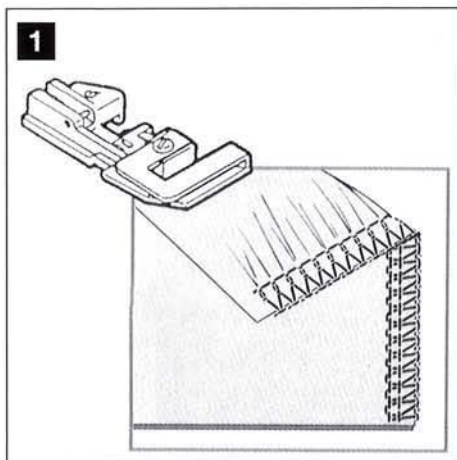
Be careful not to cut the elastic, but only the fabric.

Sew a test seam.

To finish your elastic edge, fold the elastic to the reverse side of your garment and topstitch using a stretch stitch on your regular sewing machine.

**Sewing-on a non-elastic tape** protects stretch fabric from over-stretching, i.e. when sewing a shoulder.

Loosen screw B until the non-elastic tape can pass through opening A easily.

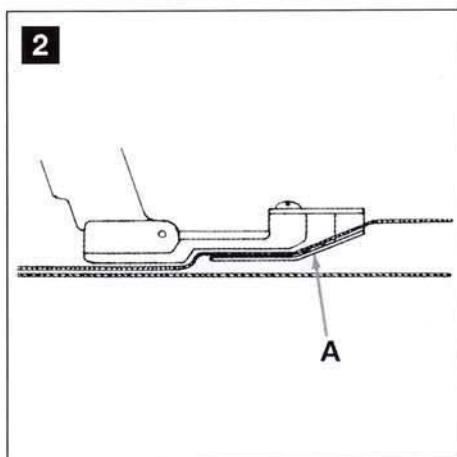


### Gathering/Shirring foot G

This optional foot is used for gathering/shirring and joining two pieces of fabric simultaneously.

### Machine setting

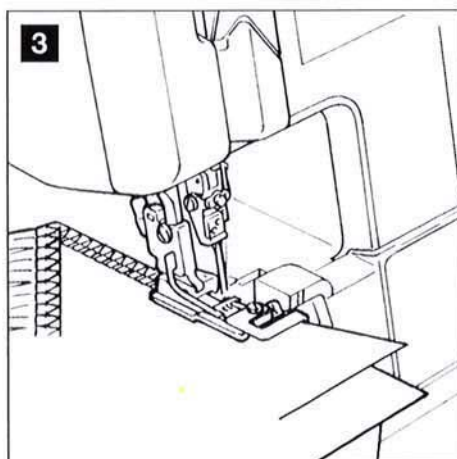
Set your machine to the 4-thread overedge seam (prog. 14). Set stitch length to 4 and differential feed to 2. You may need to set the looper thread tensions to higher values.



### Working

Attach the gathering foot **G** and place the fabric ply to be shirred (right side up) under the foot. Sew a few stitches.

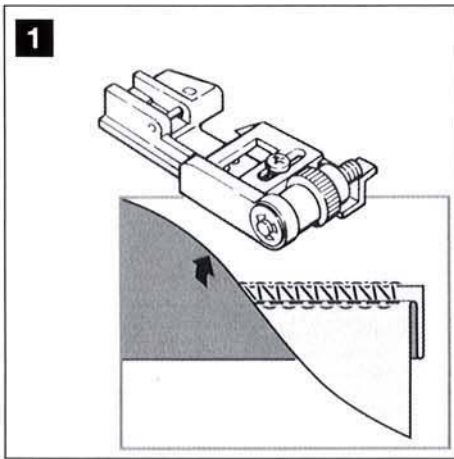
Insert the second fabric ply (right side down) under the foot, so that plate **A** lies between the two plies.



Start sewing slowly. Make sure the fabric ply on the bottom is gathered easily.

Sew a test seam.

**Note:** The amount of gather can be regulated by adjusting the differential feed. If you set the differential feed to 2, the bottom piece will be shortened in half by gathering (result will differ depending on the type of fabric and differential feed ratio).



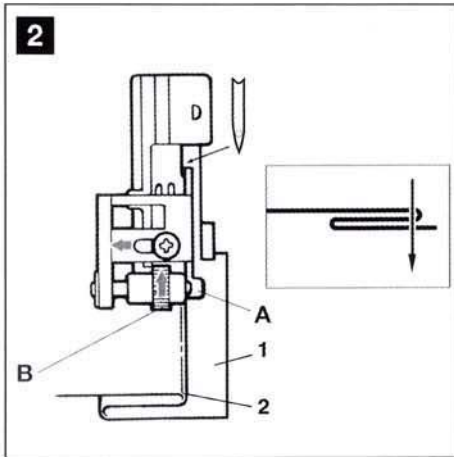
## Blindstitch foot D

### Type 1

The blindstitch foot D is ideal for professional sewing of invisible seams on medium-heavy and thick fabrics.

### Machine setting

Set your machine to the 3-thread overedge seam narrow (prog. 06) and select stitch length 4.

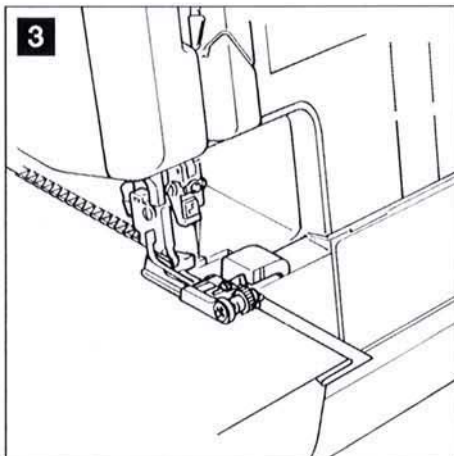


### Working

Attach the blindstitch foot.

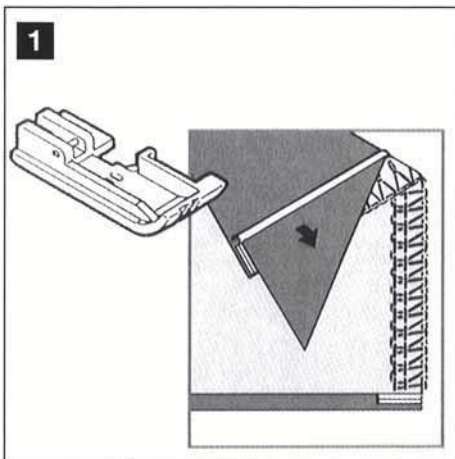
Fold the seam inwards. Now fold the seam once again outwards so that the edge protrudes approx. 1 cm (3/8").

Position the seam under the foot so that the folded seam part 1 lies beneath guide A. Crease 2 must thereby run along the edge A of the guide. (For ease in positioning, you may need to make a 2-3 cm (3/4"-1 1/4") vertical incision into the seam part 1 at seam beginning).



Start sewing slowly. Loosen screw B (ill. 2) and adjust guide A so that upon penetration the needle catches only one thread of the upper fabric.

Sew a test seam.

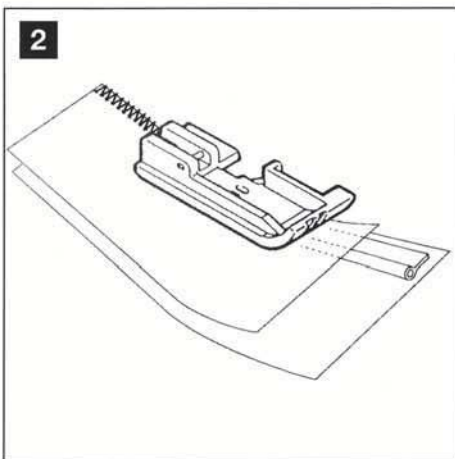


### Piping and welting foot E

This optional foot allows you to sew together two fabric plies with a cording tape between them, in one operation.

### Machine setting

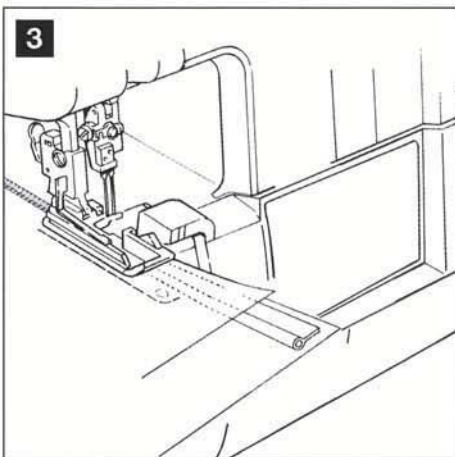
Set your machine to the 4-thread overedge seam (prog. 14).



### Working

Attach the piping foot E.

Place the two fabric plies on top of one another (right sides together) and insert the cording tape between the two plies. Have the cording tape extend beyond the end of the fabric about 2 cm (3/4"). Make sure the outer fabrics extend far enough to the right of the corded part of the piping to allow the seam to be trimmed as it is sewn.



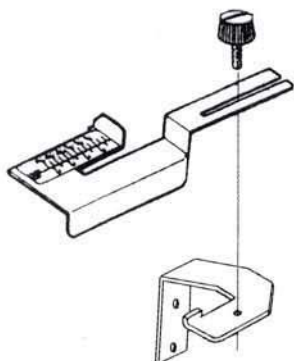
Lay the fabric under the piping foot.

Make sure the cord part of the piping fits into the guide groove on the underside of the piping foot.

Start sewing slowly.

Sew a test seam.



**1**

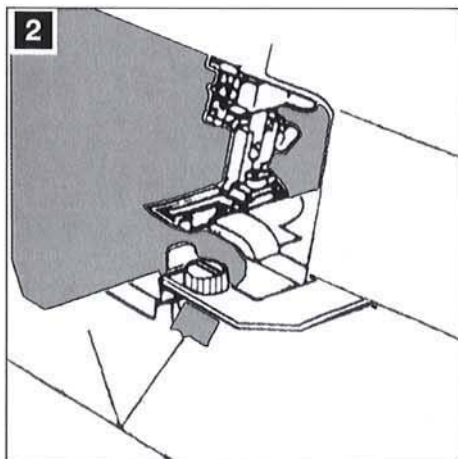
### Edge guide with units of measurement

The edge guide is used for sewing uniform-width seams (type 1).

Type 2 is used for cutting bias tape.

### Machine setting

The edge guide can be used with all programs.

**2**

### Working

Use the standard presser foot.

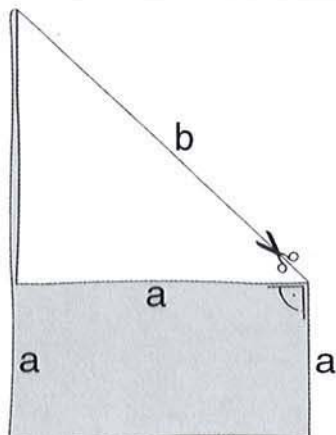
Using the retaining screw attach the edge guide to the accessory holder. Screw the accessory holder on the machine.

### Type 1

Once you have set the required distance, you can sew normally. Lay the fabric under the edge guide.

### Type 2

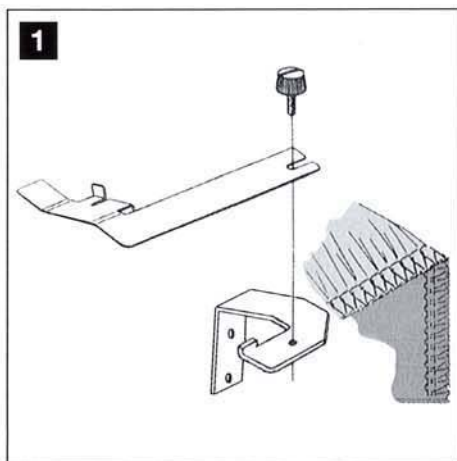
Remove threads and needles from the machine.

**3**

For cutting bias tape you must first determine the right "angle". This is easier if you begin with a piece of fabric with a selvage or tear your fabric straight across the grain to square the end. You may also use an angle-marked sewing ruler to mark the 90° angle.

Fold the piece of fabric so that the selvage or squared end forms an angle of 90°. Iron the crease **b** and cut along the crease.

Set the required cut width and guide the cut edge **b** close to the edge guide.

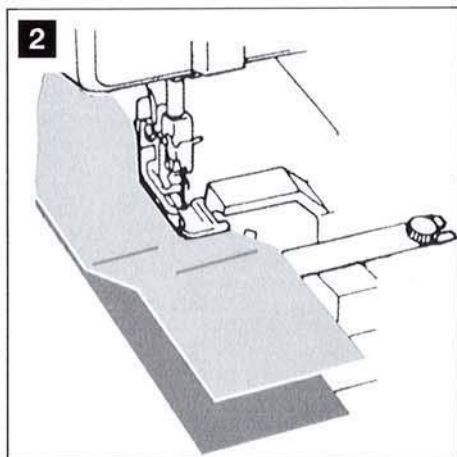


### Gathering/Shirring tongue

The gathering/shirring tongue is used for gathering and joining two pieces of fabric simultaneously.

### Machine setting

Set your machine to the 4-thread overedge seam (prog. 14). Set stitch length to 4 and differential feed to 2. Raise the looper thread tensions if necessary.



### Working

Use the standard presser foot.

Using the retaining screw attach the gathering tongue to the accessory holder.

Open the looper cover and screw the accessory holder on the machine (threaded hole 17).

Place the fabric ply to be shirred (right side up) under the foot. Sew a few stitches.

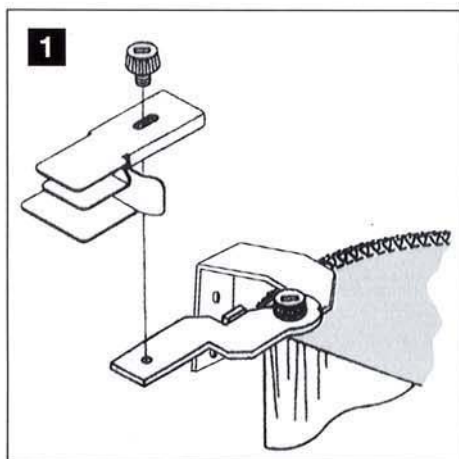
Insert the second fabric ply (right side down) under the foot, so that the gathering tongue lies between the two plies.

The fabric plies run along the bent edges of the gathering tongue.

Start sewing slowly. Make sure the fabric ply on the bottom is gathered easily.

Sew a test seam.

**Note:** The amount of gather can be regulated by adjusting the differential feed. If you set the differential feed to 2, the bottom piece will be shortened in half by gathering (result will differ depending on the type of fabric and differential feed ratio).

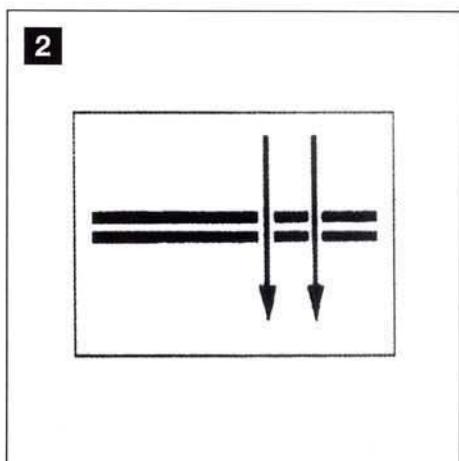


### Curved-seam guide

The curved-seam guide is used for serging a curved piece to a straight piece of fabric.

### Machine setting

Set your machine to the 4-thread overedge seam (prog. 14).



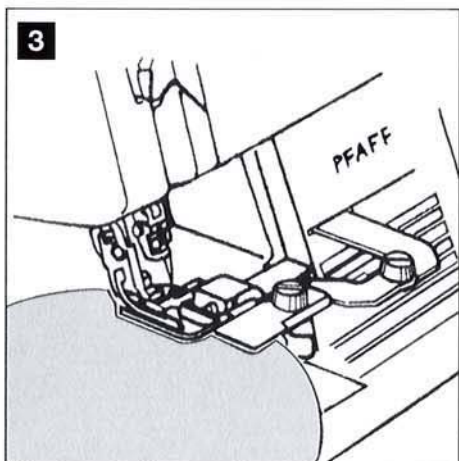
### Working

Use the standard presser foot.

Using the retaining screw attach the swiveling arm to the accessory holder and the curved-seam guide to the swiveling arm.

Open the loop cover and screw the accessory holder on the machine (threaded hole 17).

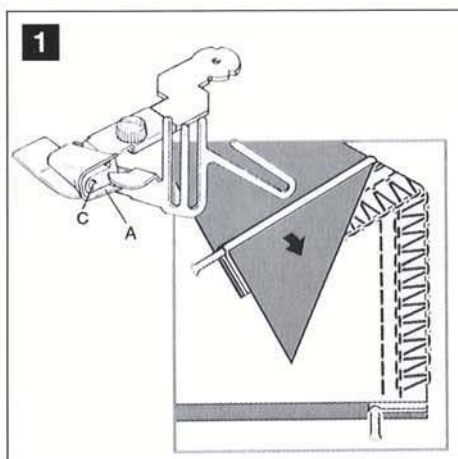
Place the straight piece of fabric (right side up) into the bottom part of the guide. Place the curved piece of fabric (right side down) into the top part of the guide.



Slide both pieces of fabric backwards under the foot.

Start sewing slowly and hold both pieces against the guide.

On completing the curved seam, turn the guide aside and secure the seam with a few stitches.

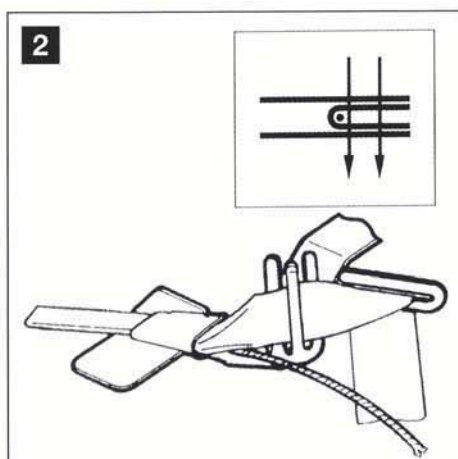


### **Piping and welting attachment (piping and welting foot E + piping and welting accessory)**

This attachment is used for binding and guiding piping and gimp between two layers of fabric.

### **Machine setting**

Set your machine to the 4-thread overedge seam (prog. 14).



### **Working**

Attach the piping and welting foot E.

Using the retaining screw attach the swiveling arm to the accessory holder and the piping and welting attachment to the swiveling arm.

Open the looper cover and screw the accessory holder on the machine (threaded hole 17). Close the looper cover.

Insert the piping tape into guide C (ill. 1).

Cut a 3.5 cm (1 1/2") wide bias tape and cut the end at a diagonal.

Guide the angled end of the bias tape into the guide A (ill. 1) with the right side of the fabric outside.

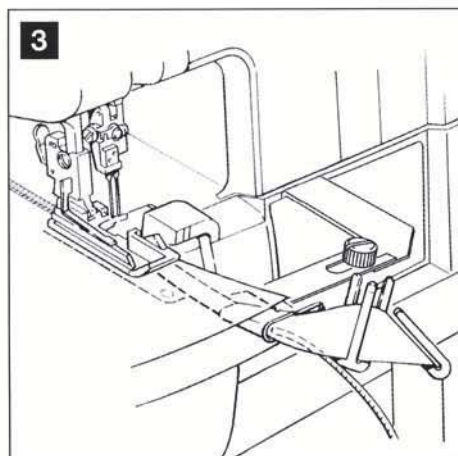
Place the fabric and the bias tape under the foot.

Make sure the cord part of the piping fits into the guide groove on the underside of the piping foot.

Lay the top fabric ply (right side up) under the guide. Lay the bottom fabric ply (right side down) onto the guide.

Start sewing slowly.

Sew a test seam. You may need to set the differential feed ratio to 0.5.







**Specifications**

Maximum sewing speed	1300 stitches/min.
Seam width	3.4 mm - 7.0 mm
Stitch length	0.5 mm - 4 mm
Presser foot	snap-on
Lubrication	manual
Presser foot height	4.5 mm
Overedge stroke	2.0 mm
Needle system	EL X 705, cat no. 2002
Needle size	80/12, 90/14
Number of threads	2, 3, 4
Dimensions (width x height x depth)	320 x 260 x 240 mm
Weight	6.3 kg

**Packing contents**

- 1 machine
- 1 foot control
- 1 instruction manual/guarantee card
- 1 machine cover

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.

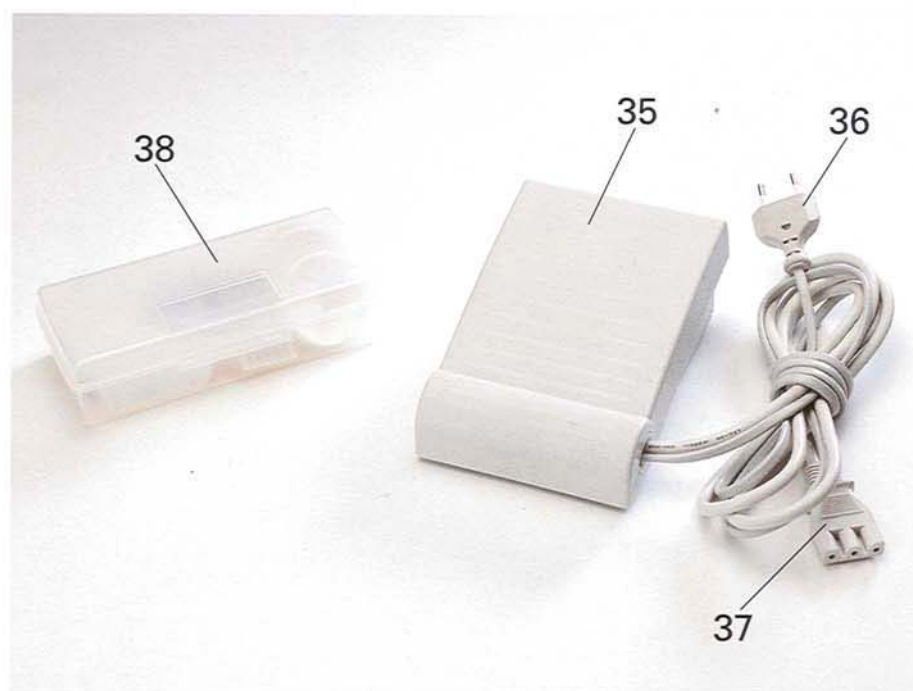
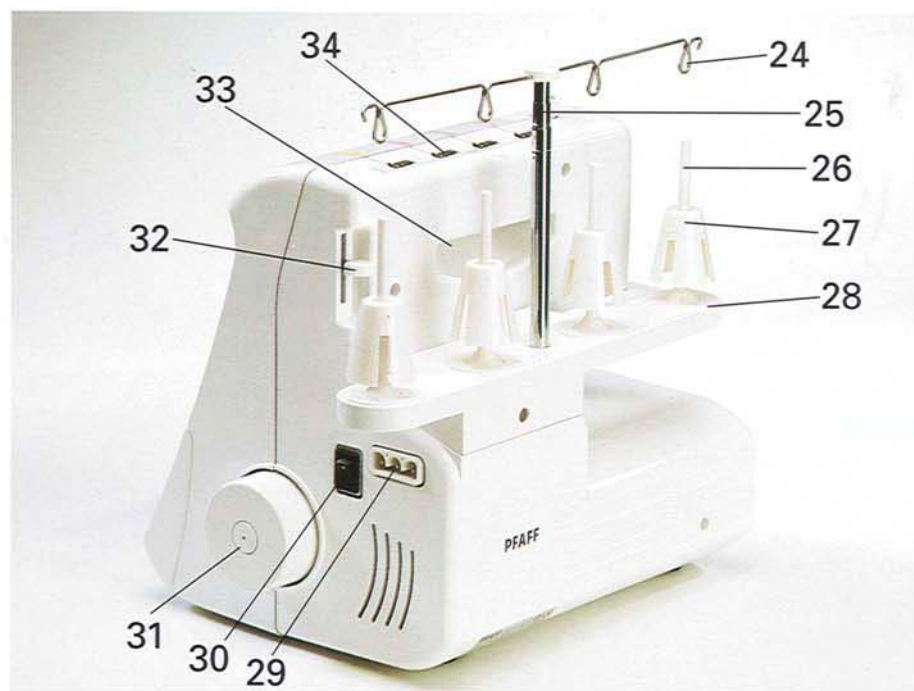
Such modifications, however, will always be to the benefit of the user and the product.

## **Intellectual property**

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





## Parts of the hobbylock 4842

- 24 Thread guides
- 25 Telescoping thread guide
- 26 Thread spool pin
- 27 Cone thread adapter
- 28 Thread spool stand
- 29 Machine socket, foot control
- 30 Electrical power master switch
- 31 Handwheel
- 32 Needle thread tension disengaging lever
- 33 Built-in carry handle
- 34 Rear thread guides

- 35 Foot control
- 36 Power plug
- 37 Foot control plug for machine
- 38 Accessory box

