

PFAFF®

creative™ 4874

coverlock



Instruction manual

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 12 V, 5 Watt.

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

- This sewing machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the sewing machine by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the sewing machine.
- Use this sewing machine only for its intended use as described in this manual. Use only attachments recommended by the manufacturer as contained in this manual.
- Never operate this sewing machine if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the sewing machine to the nearest authorised dealer or service center for examination, repair, electrical or mechanical adjustment.
- Never operate the sewing machine with any air openings blocked. Keep ventilation openings of the Sewing machine and foot controller free from the accumulation of lint, dust, and loose cloth.
- Keep fingers away from all moving parts. Special care is required around the Sewing machine needle.
- Always use the proper needle plate. The wrong plate can cause the needle to break.
- Do not use bent needles.
- Do not pull or push fabric while stitching. It may deflect the needle causing it to break.
- Wear safety glasses.
- 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 the 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.
- Hold plug when rewinding into cord reel. Do not allow plug to whip when rewinding.
- Keep fingers away from moving parts, especially the area near the blades.

SAVE THESE INSTRUCTIONS

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.

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Simple, up-to-date sewing

Congratulations! You have bought a high-quality product that provides unique advantages. Your new creative™ 4874 can take any fabric in its stride and will sew through thick and thin for you.

Your PFAFF® coverlock™ features the very latest in design and technology, and it is just as easy to use as this instruction manual is to follow.

If you now take a bit of time to study the instruction manual, nothing can go wrong. It is certainly time well spent, since it is the only 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 PFAFF dealer. He is happy to be of service with any help or advice.

So now let's get started! We wish you many enjoyable hours creating your very own fashion ideas!

How to use this instruction manual

To make it as easy as possible to use your creative 4874, we have given this instruction manual a clear structure. The various chapters cover the following topics:

1. Technical part – This chapter contains pages that describe the individual parts of the machine, as well as the table of contents and a program summary.
2. Technical section, general – This chapter contains information on all the basic mechanical functions of your creative 4874. You will also find additional information in chapters 5 and 7.
3. Electronic functions – This chapter contains information about all the electronic functions of the machine.
4. Cover stitch – In this chapter, we explain the basic functioning of your creative 4874, using the coverstitch as an example.
5. Top cover stitch – In this chapter, we describe the basic functioning of your creative 4874 with reference to top cover stitching.
6. Deco cover – In this chapter, we are going to describe the basic functioning of your creative 4874 using the example of the deco cover stitch.
7. Thread tension – This chapter includes information on correct thread tensions for all the stitches you can create with your creative 4874. We also provide you with a number of hints on selecting the correct thread.
8. Accessories – This chapter includes a list of all standard and special presser feet available for use with your creative 4874.
9. Care of the machine – This chapter includes all the information you need for care and maintenance of your creative 4874 and suggestions for solving certain problems.

Technical Part

This chapter contains pages that describe the individual parts of the machine and a program summary.

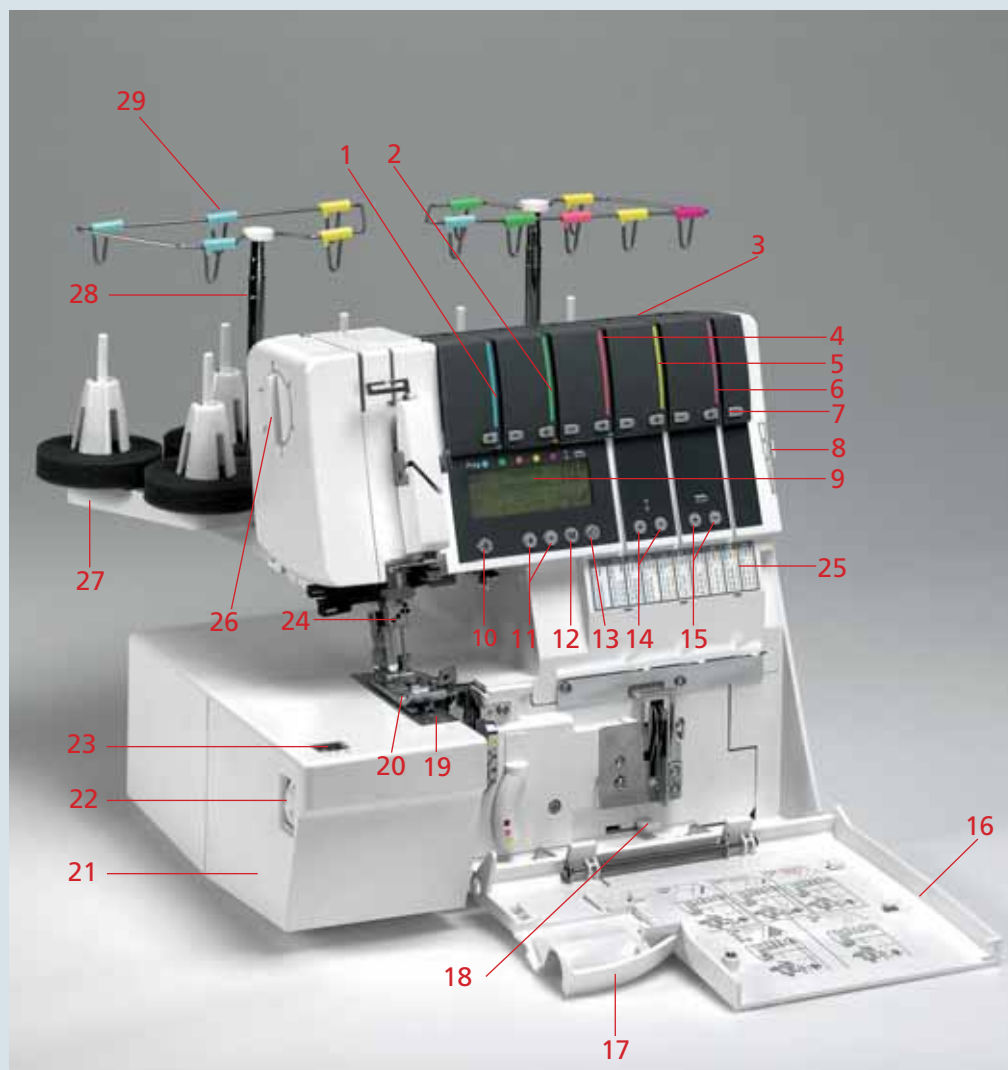
Note: Some fabrics have a lot of excess dye which can cause discoloration on other fabric but also on your sewing machine. This discoloring may be very difficult or impossible to remove.

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

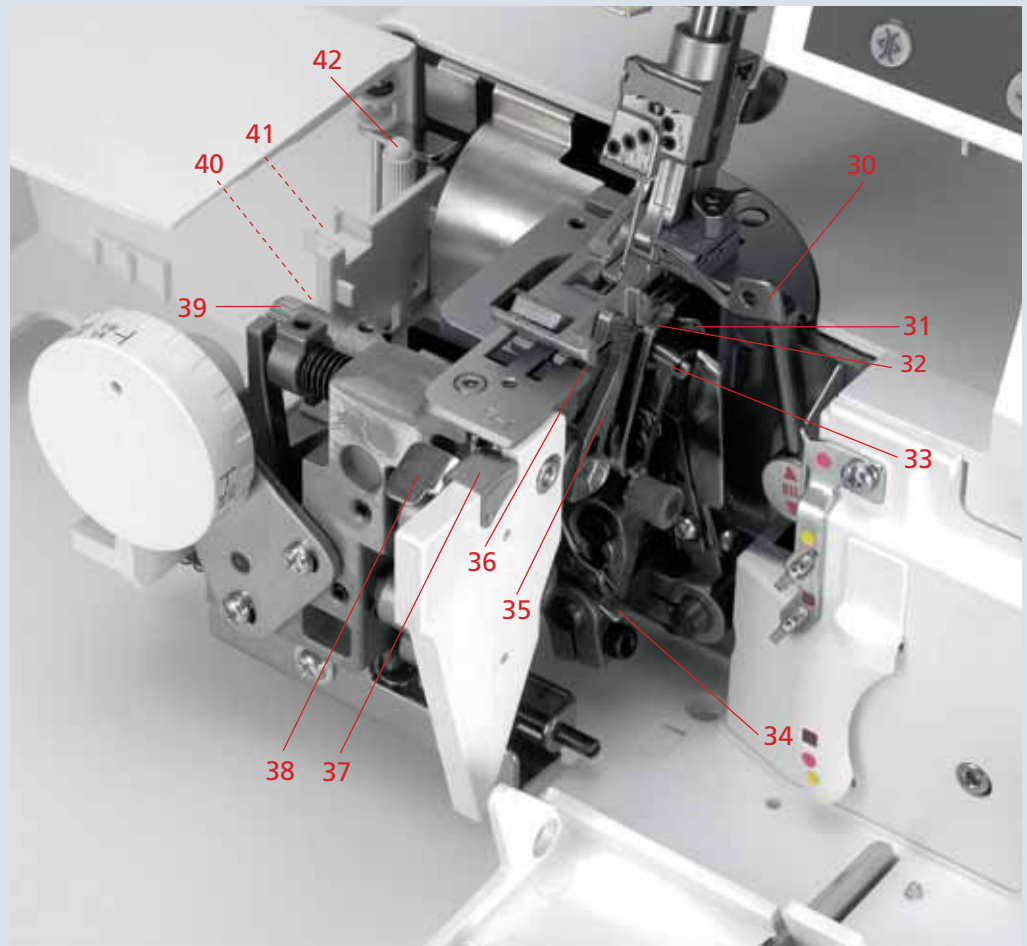
If you suspect that your fabric/ready-to-wear garment contains a lot of excess dye, always pre-wash it before sewing/embroidering to avoid the discoloring.

Parts of creative 4874

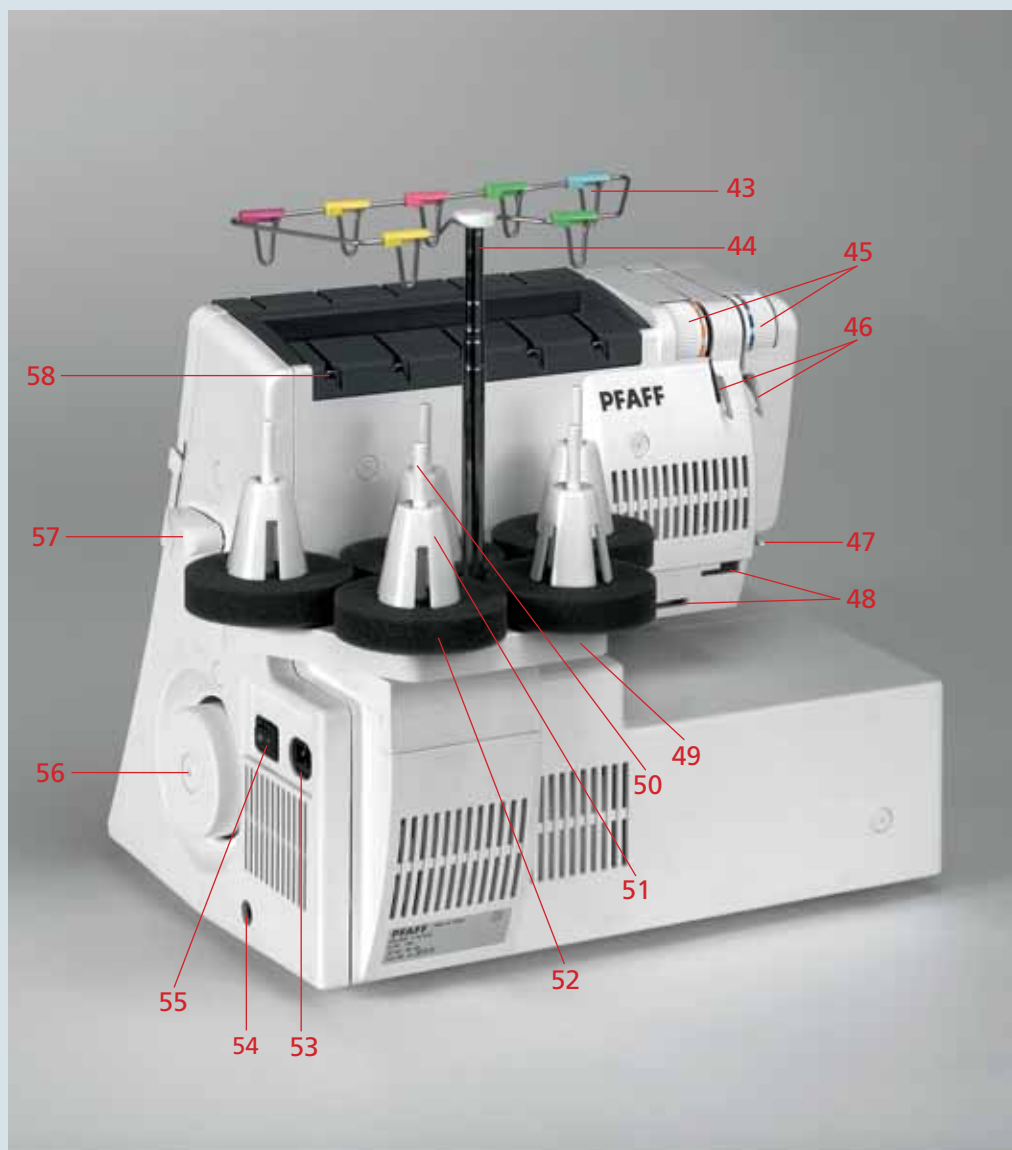
- 1 Needle thread tension
- 2 Needle thread tension
- 3 Carrying handle
- 4 Thread tension / upper looper
- 5 Thread tension / lower looper
- 6 Thread tension/ double chain-stitch and cover-stitch looper
- 7 Tension buttons + / -
- 8 Speed control
- 9 LCD Display
- 10 Tension release button
- 11 Stitch program selection buttons + / -
- 12 Memory button M
- 13 Memory selection button P
- 14 Stitch length adjustment buttons + / -
- 15 Differential feed adjustment buttons + / -
- 16 Front cover
- 17 Knife guard
- 18 Upper looper disconnection lever
- 19 Needle plate
- 20 Standard presser foot
- 21 Swivel table
- 22 Seam width adjustment knob
- 23 Viewer for seam width
- 24 Needle holder
- 25 Top/deco sewing program sticker
- 26 Adjustment knob for presser foot pressure
- 27 Detachable thread stand
- 28 Thread guide slide - Top / deco cover
- 29 Color coded thread guides -Top / deco cover



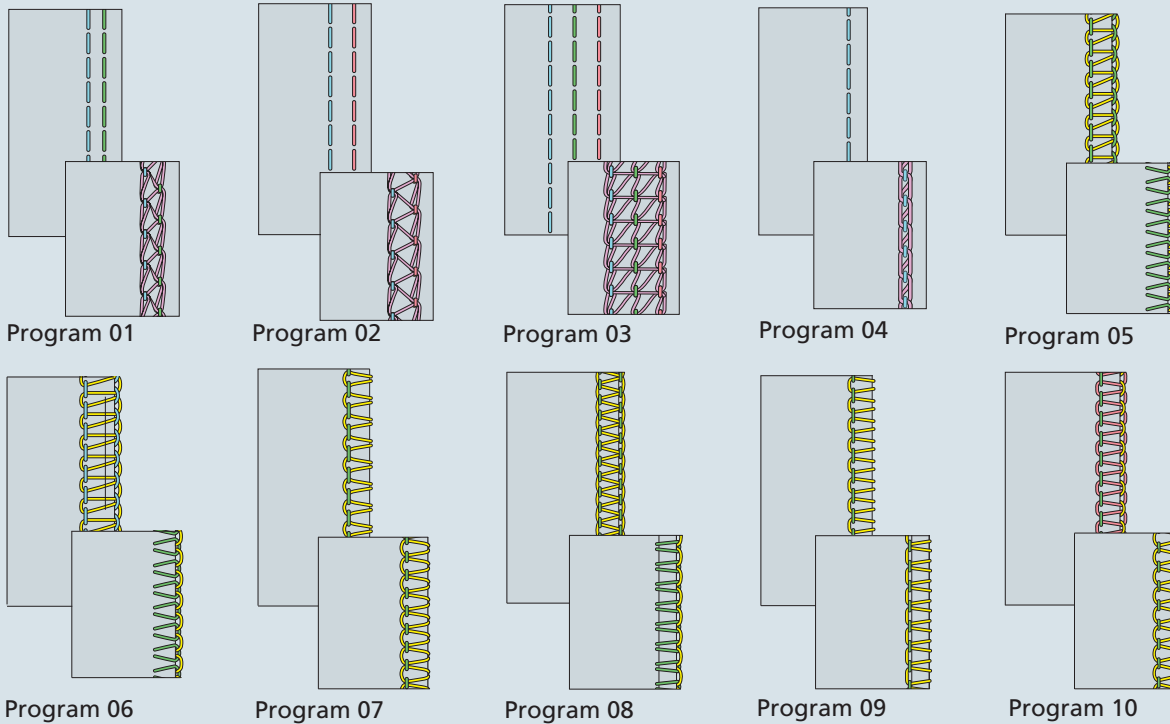
- 30 Upper looper
- 31 Lower looper
- 32 Stitch finger
- 33 Double chainstitch and cover-stitch looper
- 34 Threading aid for double chainstitch and cover-stitch looper
- 35 Movable upper knife
- 36 Fixed lower knife
- 37 Check spring for edging the thread chain
- 38 Needle plate disconnection lever
- 39 Knob for lowering the upper knife
- 40 Tweezers
- 41 Converter
- 42 Allen key



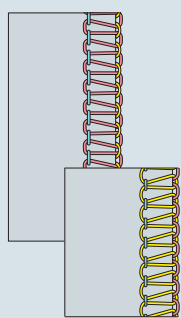
- 43 Color coded telescoping thread guides
- 44 Telescoping thread guide slide
- 45 Thread tensions top/ deco cover
- 46 Rear thread guides top/ deco cover
- 47 Thread cutter
- 48 Slots for detachable thread stand
- 49 Thread stand
- 50 Spool pin
- 51 Cone thread holder
- 52 Foam pads
- 53 Power cable socket
- 54 Foot control socket
- 55 Power switch
- 56 Hand wheel
- 57 Presser foot lifter
- 58 Rear thread guides



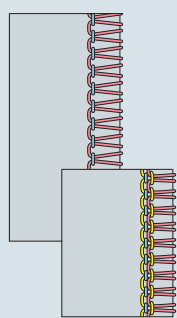
Summary of stitch programs for the creative 4874



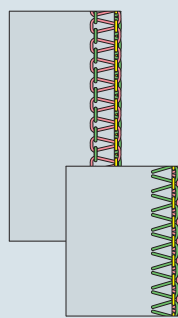
Program No.	Description	Use
01	2-needle cover hem, narrow	For hemming stretch fabrics and piping, for decorative effects.
02	2-needle cover hem, wide	For hemming stretch fabrics and for decorative effects.
03	3-needle cover hem	For hemming highly stretch fabric and for decorative effects.
04	Chainstitch	For sewing together extremely durable fabrics such as upholstery covers and denim, both without overedge. May also be used for decorative effects.
05	2-thread flatlock, narrow	As flatlock seam for sewing stretchy fabrics together with decorative effect, or for overedging light fabrics.
06	2-thread flatlock, wide	As flatlock seam for sewing stretchy fabrics together with decorative effect, or for overedging medium fabrics.
07	2-thread serging, narrow	For overedging light fabrics.
08	2-thread flat hem	For overedging very fine fabrics and as decorative edge finish.
09	2-thread fold. rolled hem	For overedging very fine fabrics and as decorative edge finish.
10	3-thread overedge seam, narrow	For edging light, easily fraying fabrics.



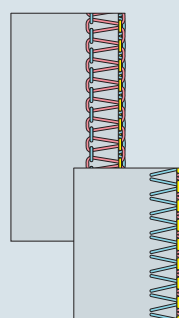
Program 11



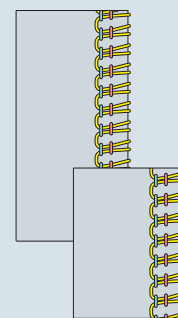
Program 12



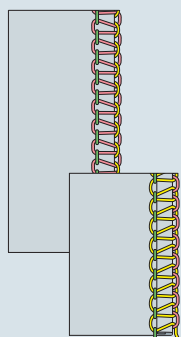
Program 13



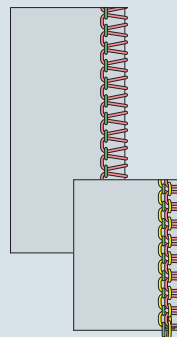
Program 14



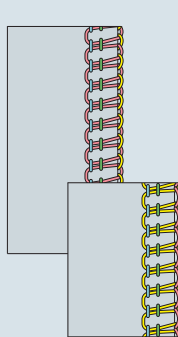
Program 15



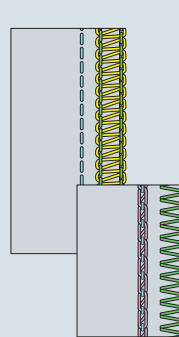
Program 16



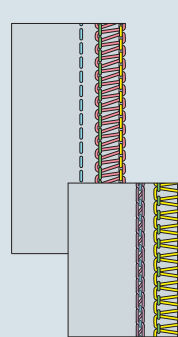
Program 17



Program 18

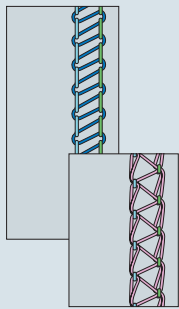


Program 19

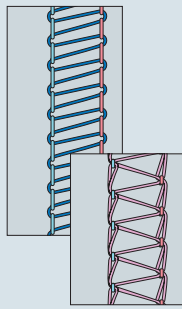


Program 20

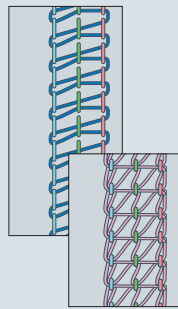
Program No.	Description	Use
11	3-thread overedge seam, wide	For overedging medium to heavy, easily fraying fabrics.
12	3-thread serging, wide	For overedging heavy fabrics not prone to fraying
13	3-thread flatlock, narrow	As flatlock seam for sewing stretchy fabrics together with decorative effect and as decorative edge finish. Also for overedging medium weight fabrics.
14	3-thread flatlock, wide	As flatlock seam for sewing stretchy fabrics together with decorative effect and as decorative edge finish. Also for overedging medium weight fabrics.
15	2-needle, 3-thread overedge seam	For sewing together and overedging light, highly stretchy fabrics.
16	3-thread flat hem	For overedging light to medium fabrics and as decorative edge finish.
17	3-thread fold. rolled hem	For overedging light to medium fabrics and as decorative edge finish.
18	4-thread overedge seam	For sewing together all fabrics with overedge, particularly stretch fabrics.
19	4-thread safety stitch, wide	For sewing together heavy fabrics with overedge.
20	5-thread safety stitch, wide	For sewing together heavy fabrics with overedge.



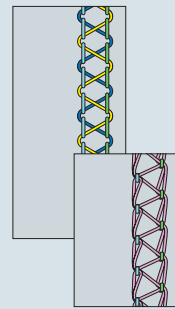
Program 21



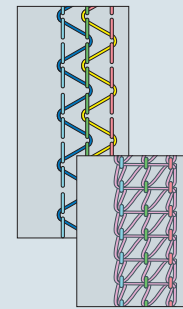
Program 22



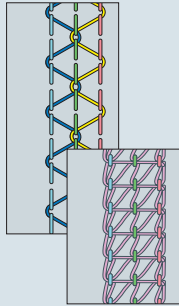
Program 23



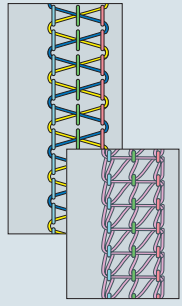
Program 24



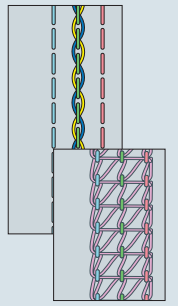
Program 25



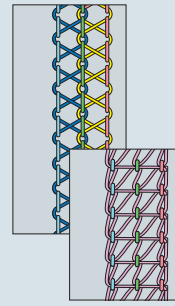
Program 26



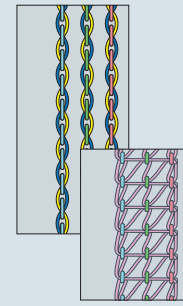
Program 27



Program 28



Program 29



Program 30

Program No.	Description	Use
21	2-needle Top-cover, narrow	For hemming stretch fabric and for decorative effects.
22	2-needle Top-cover, wide	For hemming stretch fabric and for decorative effects.
23	3-needle Top-cover	For hemming highly stretch fabric and for decorative effects.
24	5-thread Deco-cover	For decorative effects and for sewing stretch fabric.
25	6-thread Deco-cover	For decorative effects and for sewing stretch fabric.
26	6-thread Deco-cover	For decorative effects and for sewing stretch fabric.
27	6-thread Deco-cover	For decorative effects and for sewing stretch fabric.
28	6-thread Deco-cover	For decorative effects and for sewing stretch fabric.
29	8-thread Deco-cover	For decorative effects and for sewing stretch fabric.
30	10-thread Deco-cover	For decorative effects and for sewing stretch fabric.



Technical section, general

This chapter contains information on all the basic mechanical functions of your creative 4874. You will also find additional information in chapters 5 and 7.

Machine cover

The machine cover protects your machine from dust and dirt. When you have finished sewing, push the thread guides (28 and 44) down. The thread stand (49) must be pushed as far as it will go towards close to the machine; you can take the thread cones off first, but this is not essential. Now you can pull the 4874 cover over the machine. The operator's manual and accessories can be placed in the pockets.



Electrical connection

Plug the power cable into socket (53) on the machine, and the power supply.



Connect the foot control

Insert the foot control plug in the socket (54) on the machine.

The foot control YC-485 has to be used for this sewing machine.



Power switch

When the power switch (55) is turned on, the sewing light and the LCD display will light up (9).

The machine is now ready for use.





Swivel table

Push the swivel table (21) to the left. The converter, the tweezers and the allen key are located behind the swivel table.

Note: As soon as either the swivel table (21) or the front cover (16) is opened, the power supply to the machine is cut off for safety reasons, so that you cannot continue sewing.



Front cover

Push the front cover (16) to the right as far as it will go and swing it down. The top/deco cover sewing program sticker is behind the front cover. The 5 most important stitch types and their threading paths are illustrated in color on the inside of the front cover.

Note: As soon as either the front cover (16) or the swivel table (21) is opened, the power supply to the machine is cut off for safety reasons, so that you cannot continue sewing.



Trim catcher

Insert the upper catches of the trim catcher in the upper slots in the front cover (16).

Press the bottom part of the catcher until the lower catches engage in the lower slots of the front cover.



Perform these steps in reverse order to remove the trim catcher.

Note: The detachable thread stand is required for stitch programs 21 – 30.

Detachable thread stand

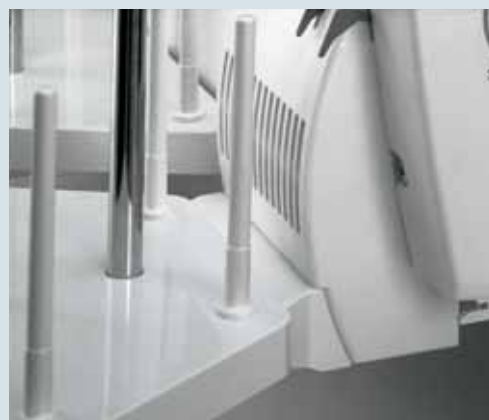
Insert the top catches of the detachable thread stand (27) into the top slots on the rear cover and press the bottom portion of the stand against the cover.



Push the detachable thread stand to the right as far as it will go.

Place one foam pad (52) and one cone holder (51) on each of the spool pins (50).

To remove, push the thread stand to the left and pull up.



Thread stand

Before placing the spools, you must slide the thread stand (49) back as far as it will go.

Place one foam pads (52) and one thread cone holder (51) on each of the spool pins (50).



Thread guide slide

Pull the thread guide (28 and 44) up as far as it will go.

To assure optimum thread feed, the two top slide sections must be rotated slowly until you hear their locking pommels click into place.





Foam pads/Cone holders

If you are using large cones (5,000 – 10,000 mm), the foam pads (52) and the cone holders (51) will be helpful to you.

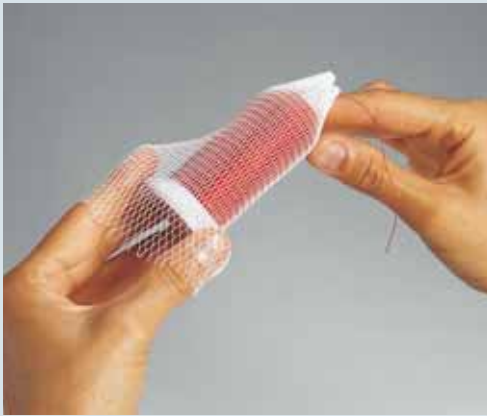
With synthetic threads, the foam pads catch threads that have slipped down and help to advance the thread flawlessly.

Cone holders serve to ensure that large cones are well positioned.



Thread run-off disc

The thread run-off disc in the accessory box is used for smaller spools. Use the foam pads (52) and place the spool on the pin (50). Attach the thread run-off disc as shown in the illustration.



Spool net

The spool net in the accessory box should be pulled over the reel from below. Use for synthetic threads or decorative threads that can easily unwind from the spool. After you have done this, you can place the spool on the foam pad.



Detachable thread guide

For sewing with decorative thread, use the detachable thread guide in the accessory box. Place it on the thread guide (44) and thread as shown in the illustration. Use the spool net and the foam pad.

Hand wheel

When turning the hand wheel (56) by hand, e.g. to raise the needle(s) to their highest position, always turn toward you.



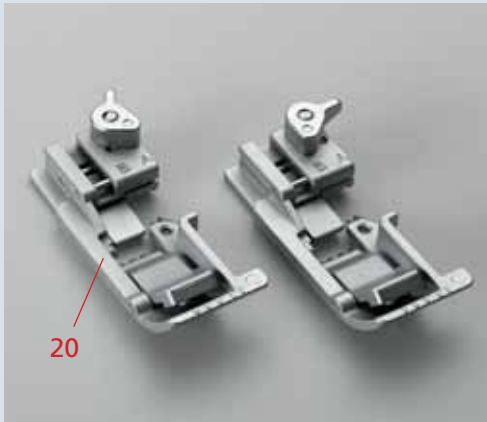
Presser foot lift

Use the presser foot lifter (57) to raise or lower the presser foot. If you push the lifter one step up, you will be able to raise the presser foot to its maximum height of 6.5 mm for particularly thick fabrics.



Note: Once a thread chain has been formed, the presser foot no longer needs to be raised as long as you are working with the same thread and the same presser foot. You can simply lift the front of the presser foot gently with your thumb. Slide the fabric under the raised part of the presser foot. When the foot control is activated, the fabric will then be gripped and advanced by the feed dog automatically.





Presser foot

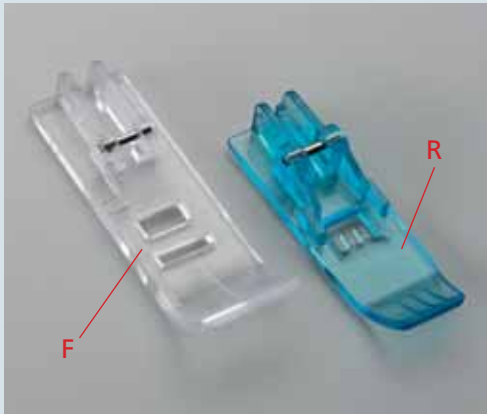
The standard presser foot has two different positions:

Position "A" - for sewing cover stitch (progs. 1, 2, 3), double chainstitch (prog. 4), the 4-thread safety seam (prog. 19) and the 5-thread safety seam (prog. 20).

Position "B" - for sewing programs 05 – 18.

To choose these positions, simply move the selection lever.

Note: The position of the presser foot, "A" or "B", appears in the LCD display (9) (see page 3-2).



For cover stitch (progs. 1, 2, 3) and double chainstitch (prog. 4), clearview foot F from the accessory box can also be used.

For top cover (progs. 21, 22, 23) and deco cover (progs. 24 – 30), use clearview foot R from the accessories box.

Note: The foot you need to use will be shown in the LCD display (9) (see page 3-2).

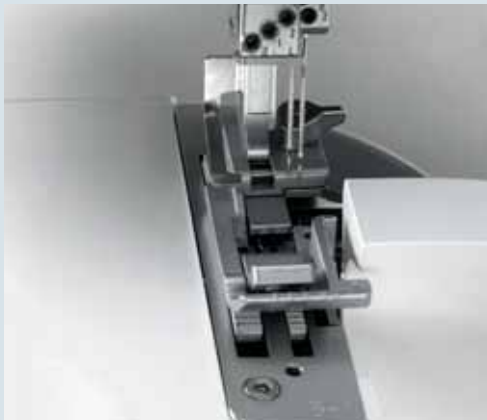


Changing the presser foot



Turn off the power switch

To remove: Raise the needle(s) to its/their highest position. Lift up the presser foot and press lever A on the back of the presser foot holder. The presser foot is released automatically and you can pull it out to the left.



To insert: Place the presser foot below the presser foot holder so that when the presser foot lifter is lowered, the pin on the foot is directly beneath the presser foot holder. Lower the presser foot and if necessary press lever A, the presser foot will now click back into place.

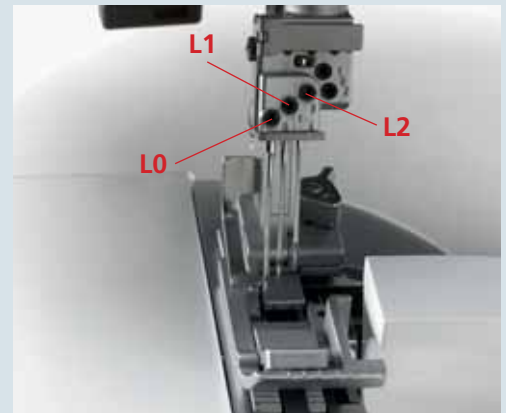
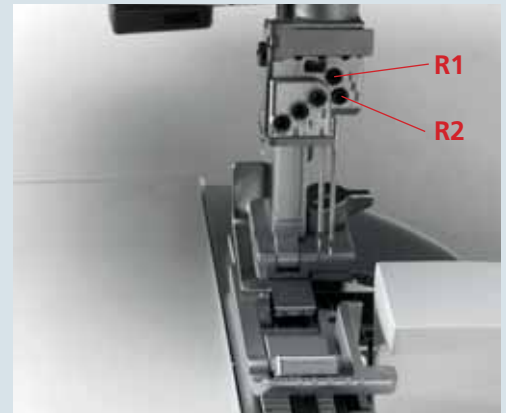
Check: Lift the presser foot to confirm that it is correctly attached.

Needle position

The 4874 offers a choice of 5 needle positions. You can sew with as many as 3 needles simultaneously. The needle positions are L0, L1, L2, R1 and R2. A retaining screw is provided above each needle.

Note: If the needles are inserted at R2 and R1, the left needle is slightly higher than the right.

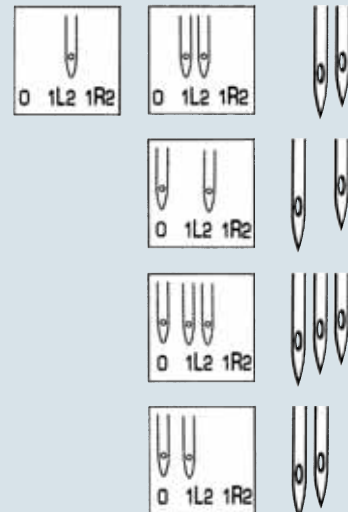
In this operator's manual and in the LCD display (9) (see page 3-2), the different needle positions are shown in a schematic diagram. See the examples at top and bottom. Insert the needle(s) as shown in the LCD display (9) (see page 3-2).

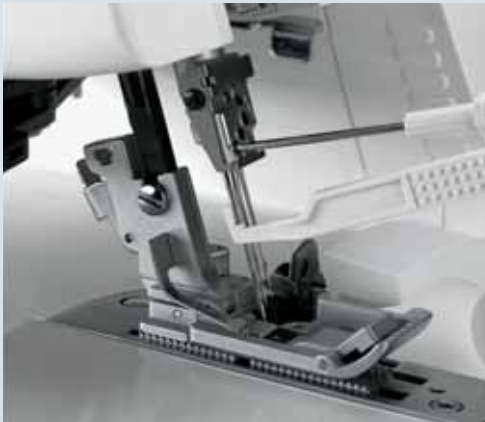


If the needles are inserted at L1 and L2, the left needle is slightly lower than the right.

If the needles are inserted at L0 and L2, the left needle is also lower than the right.

If the needles are inserted at L0, L1 and L2, the left needle is at the lowest point.



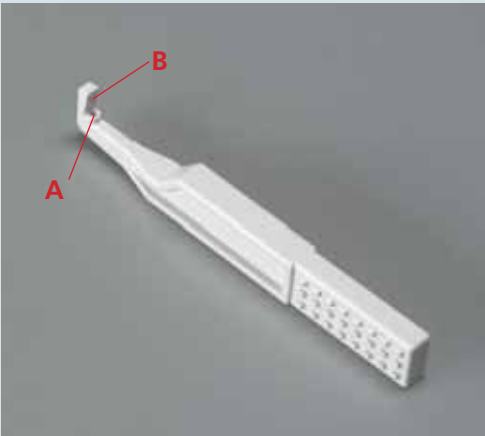


Changing a needle



Turn off at the power switch

To remove: Lower the presser foot and raise the needle(s) to its/their highest position. Take the needle changing tool out of the accessory box and push it up over the needle as far as it will go. Loosen (but do not remove) the needle's retaining screw with the allen key and pull the needle out from below.



To insert: Insert the needle in hole A of the needle changing tool so that the flat side K of the needle is opposite face B of the tool. Insert the needle as far as it will go into the needle holder (you may have to push a little harder by hand) and tighten the retaining screw. Remove the needle changing tool.



The 4874 uses system EL X 705 overlock needles, Cat. No. 2002.

Threading (stitch programs 01-20)

Thread guides

Slide the thread stand (49) backwards and pull the thread guide (44) up as far as it will go.

Place the spools on the spool pins (50). For notes on the spool net, the thread run-off disc, the foam pads and the cone holders, please see page 2-5. Thread the threads from the back to the front through the thread guides (43) as indicated by the color codes.

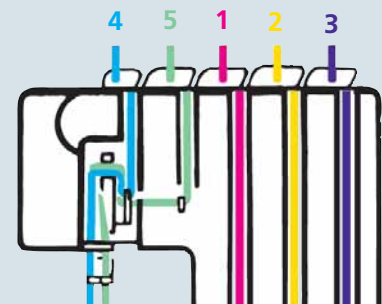
Lift the carrying handle (3). Thread the threads underneath the carrying handle into the rear thread guides (58). To do this, pull the thread down with both hands until it slips under the thread guide. Pass the thread between the tension discs and pull it down so that it is between the tension discs. Fold the carrying handle forwards.



Note: The thread tensions for threading are shown in the LCD display (9) (see page 3-5). The sticker behind the front cover is also provided to make threading easier.

Thread single threads in order from 1 to 5. The open thread guides make threading easy. To ease the task further, use the tweezers located behind the swivel table.

Remove the trim catcher and open the front cover.





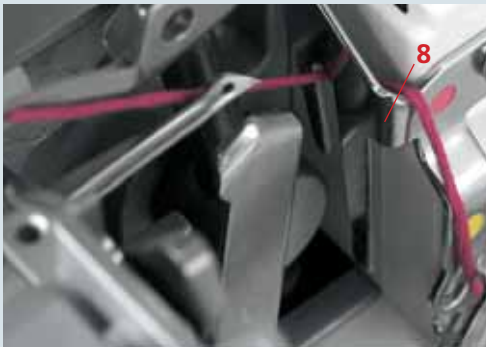
Threading

Upper looper (red)

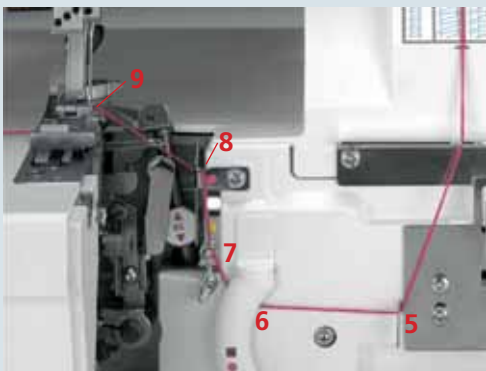
Turn the hand wheel towards you until the upper looper (30) reaches its highest position.



Thread the threads in order from 1 to 9. Some of the thread guides are marked with a red dot.



Thread the thread in thread guides 1 to 7. Pass the thread over the top of guide 8 from above and pull it down and to the left until it slips into the guide.

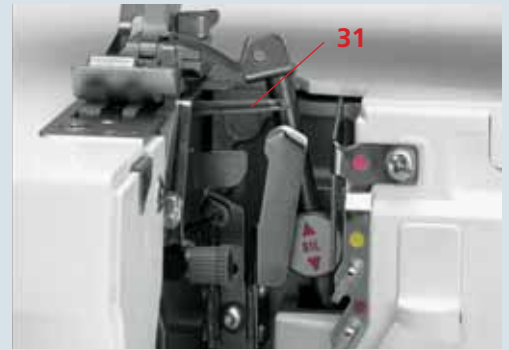


From the front, pass the thread through the eye 9 of the upper looper. Pull about 10 cm (5") of thread through the hook and place it facing to the left under the presser foot.

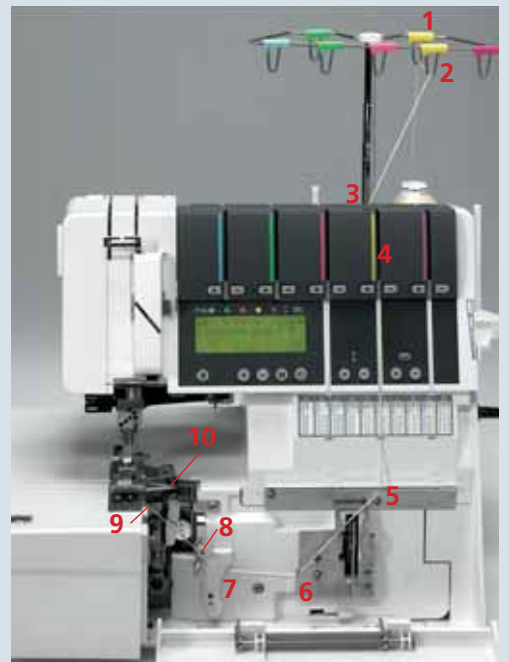
Threading

Lower Looper (yellow)

Turn the hand wheel towards you until the lower looper (31) is as far to the right as possible.



Thread the thread in order from 1 to 10. Some of the thread guides are marked with a yellow dot.



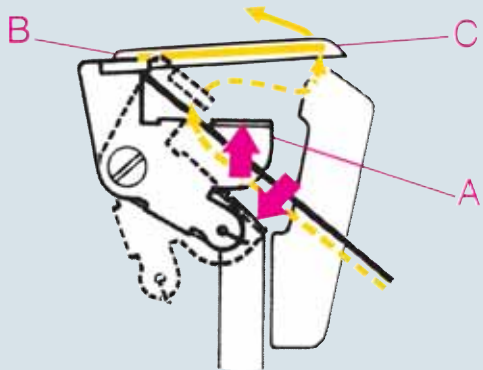
Thread the thread in thread guides 1 to 6. Pass the thread under the latch 7 and into thread guide 8.



Note: The lever will return to its original position as soon as you start to sew.

Press lever A down and hook the thread into guide B from left to right. The illustration right shows how to do this.





Pass the thread forwards through eye C (= Threading point 10) of the lower looper.

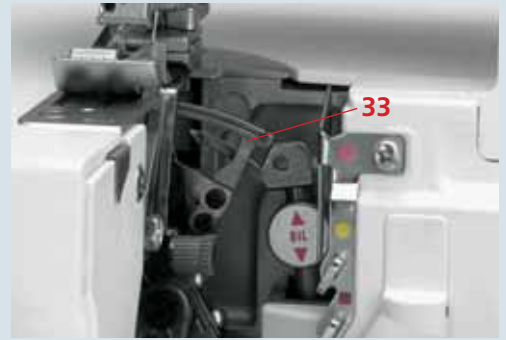


Pull about 10 cm (5") of thread through the hook and place it to the left under the presser foot.

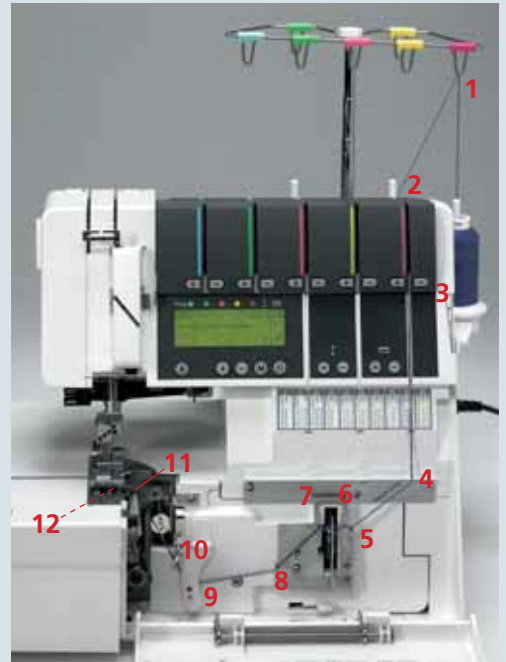
Threading

Double chainstitch and cover stitch looper for progs. 04, 19 and 20 (purple)

Turn the hand wheel towards you until the double chainstitch and cover stitch looper (33) is as far to the right as possible.

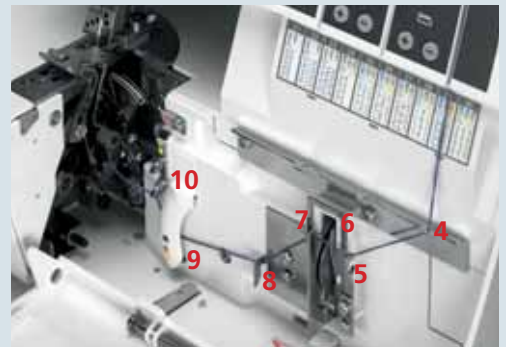


Thread the thread in order from 1 to 12. Some of the thread guides are marked with a purple square.



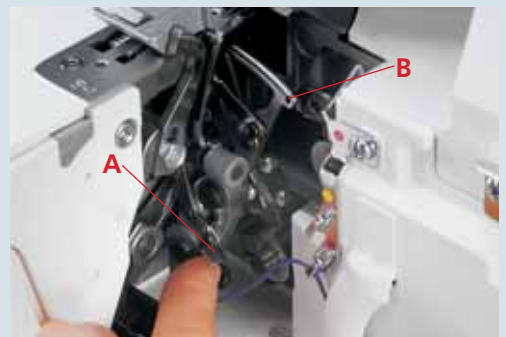
Note: In the case of thread guides 6 and 7, the thread is simply placed on top of them, not threaded through.

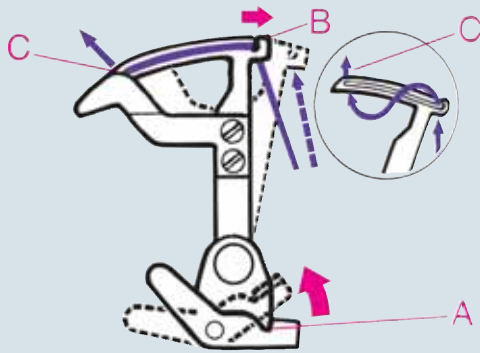
Thread the thread in the guides from 1 to 8. Pull the thread under latch 9 and into thread guide 10.



Note: The lever will return to its original position as soon as you start to sew.

Press lever A up and hook the thread into slot B. The illustration right shows how to do this.





From the front, pass the thread through eye C (- threading point 12) of the double chain stitch and cover stitch looper.

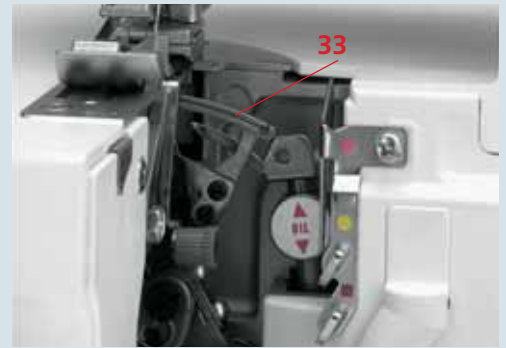


Pull about 10 cm (5") of thread through the looper and place it to the left under the presser foot.

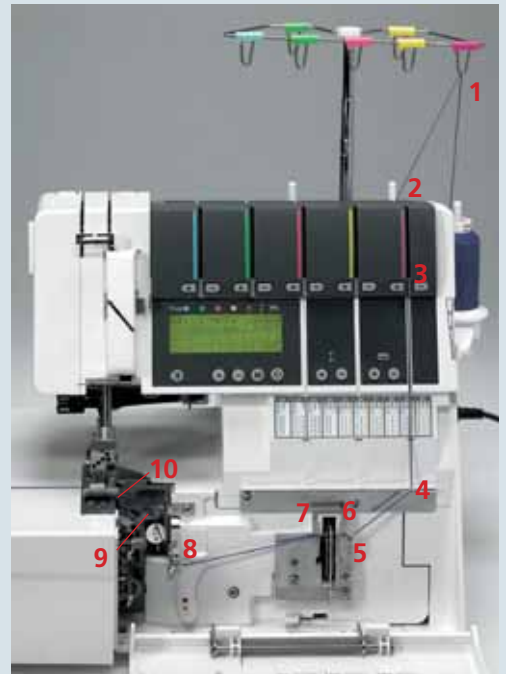
Exception:

Threading double chain stitch and coverstitch looper for coverstitch (progs. 01, 02, 03) top/deco stitches (progs. 21-30) (purple)

Turn the hand wheel towards you until the double chainstitch or coverstitch looper (33) is as far to the right as possible.



Thread the threads in order from 1 to 10. Thread guide 8 is marked with a purple square



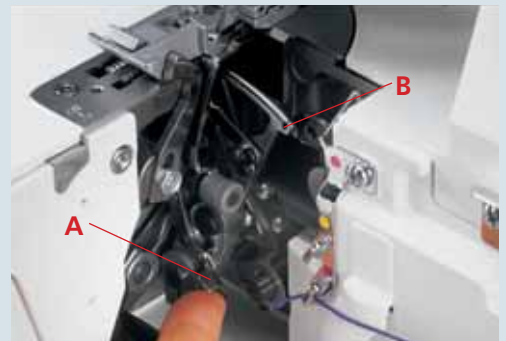
Note: In the case of thread guides 6 and 7, the thread is simply placed on top of them, not threaded through.

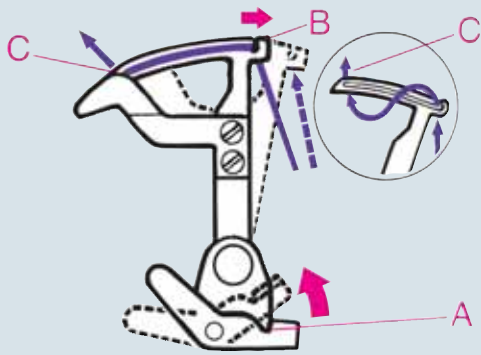
Thread the threads in the guides from 1 to 8. (Caution: The thread does not pass under the latch.)



Note: The lever will return to its original position as soon as you start to sew.

Press lever A up and hook the thread into slot B. The illustration right shows how to do this.





From the front, pass the thread through eye C (- threading point 10) of the double chain stitch and cover stitch looper.



Pull about 10 cm (5") of thread through the hook and place it to the left under the presser foot.

Threading the needle(s)

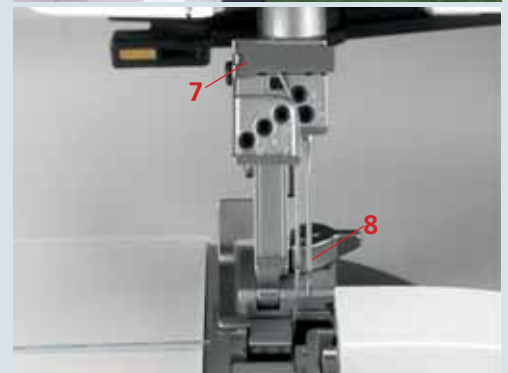
Thread the thread in order from 1 to 8.



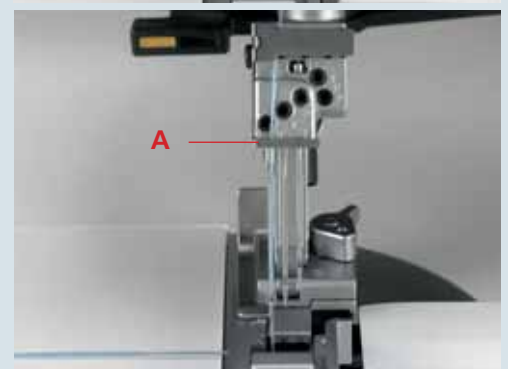
The thread must pass through the lower slot in thread guide 5. To thread needles more easily, use the needle threader in the accessories box (see page 2-21).



Pull the thread about 10 cm (5") through the eye of the needle and place it facing to the left under the presser foot (if necessary, press the tension release button (10), see page 3-4).



If you sew with the needle(s) L0, L1, or L2 you have to use the thread guide A.





Exception:

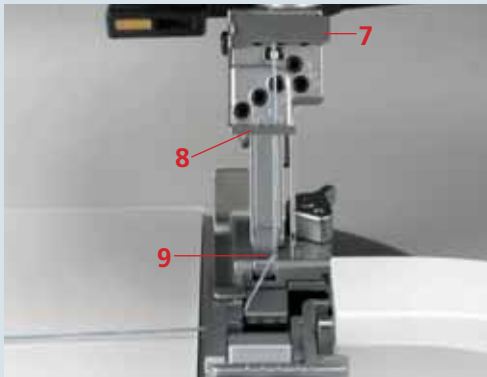
Threading needle L2 when sewing the 5-thread safety seam (prog. 20), the 4-thread safety seam (prog. 19) and double chainstitch (prog. 04)

Thread the thread in order from 1 to 9.

Note: To thread the double chainstitch (prog. 04) you have to thread the green tension (see page 2-22).



The thread must pass through the upper slot in thread guide 5.

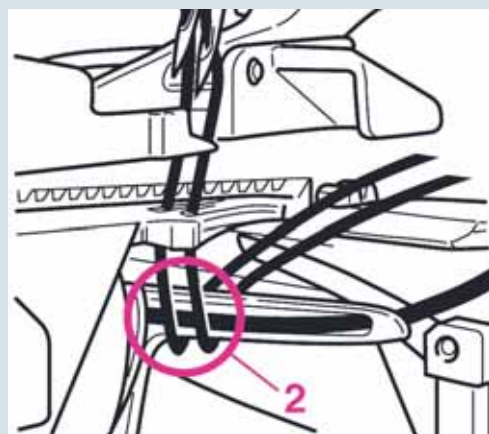
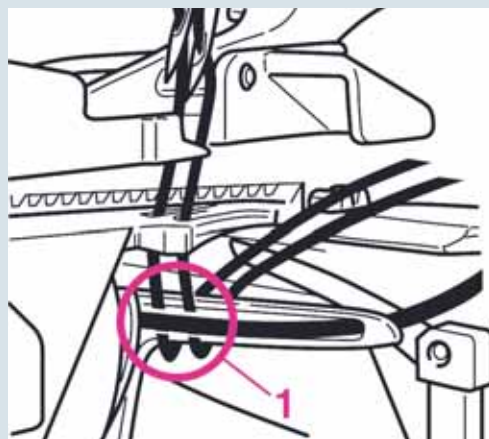


Pull the thread about 10 cm (5") through the eye of the needle and place it facing to the left under the presser foot (if necessary, press the tension release button (10), see page 3-4).

Note: Even when the looper threads break, you must remove the threads from the eye of the needle, rethread the looper threads, and then rethread the needles.

Important note on threading

Always thread the needles last, so the needle thread pass over the looper thread as shown in Fig. 2 and not under it as in Fig. 1. Otherwise the thread may break or stitches may be formed incorrectly.



Changing spools with the machine threaded

Cut the spool threads close to the spool and position new spools. Tie the thread that is still in the machine to the threads on the new spools and unthread the needles. Press the tension release button (10) (see page 3-4) and pull the needle threads until the knots have advanced through the last thread guide before the needles. Cut the knots off and thread the thread through the eye of the needle. You can pull the looper threads all the way through the looper eyes and place them to the left under the presser foot.





Needle threader



Turn off at the power switch

Raise the needle(s) to its/their highest position and lower the presser foot. Place the thread running from right to left in notch A of the needle threader (the needle threader is included in the accessory box).

One of the two triangles must be pointing upwards.



Place the needle threader against the front groove of the needle. Move down as far as the eye of the needle and press the threader gently against the needle. This causes a small metal pin to pass through the eye and the needle is threaded automatically.

Note: If you press too hard, the small metal pin will bend and you will no longer be able to use the threader to thread the needle.

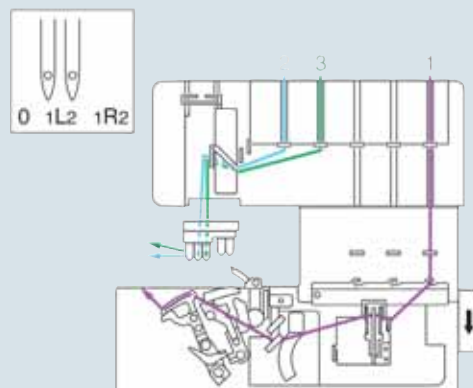


Now you can use the needle threader to pull the thread loop through to the rear.

Summary of threading paths and threading sequences

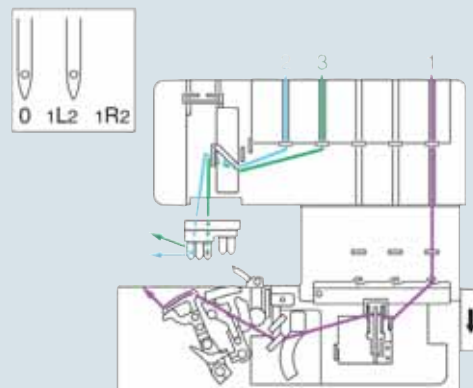
Stitch program 01:

2-needle cover hem, narrow



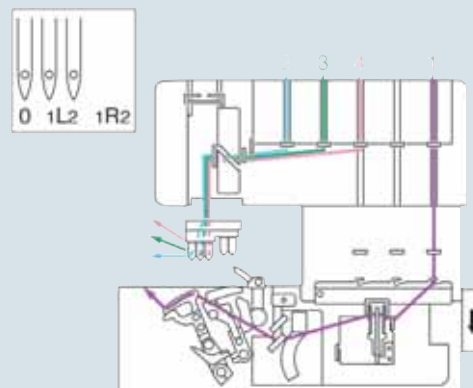
Stitch program 02:

2-needle cover hem, wide



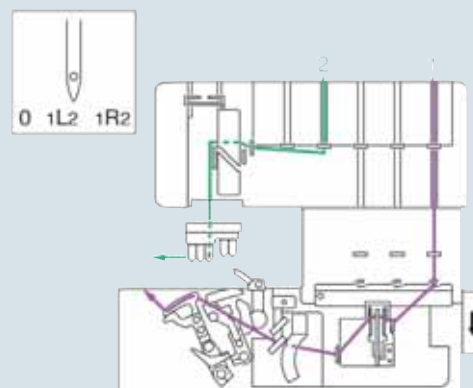
Stitch program 03:

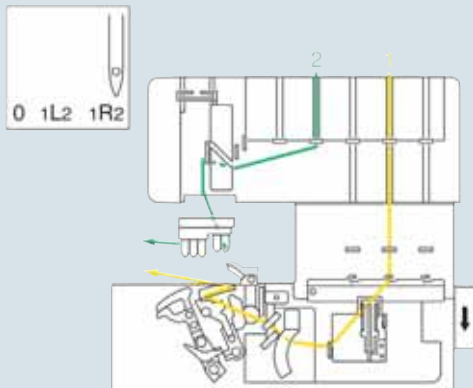
3-needle cover hem



Stitch program 04:

Chainstitch





Stitch program 05:

2-thread flatlock, narrow

Stitch program 07:

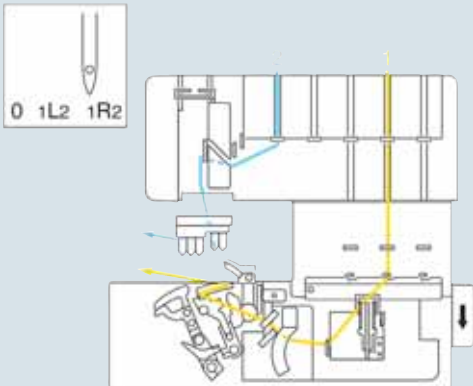
2-thread serging, narrow

Stitch program 08:

2-thread flat hem

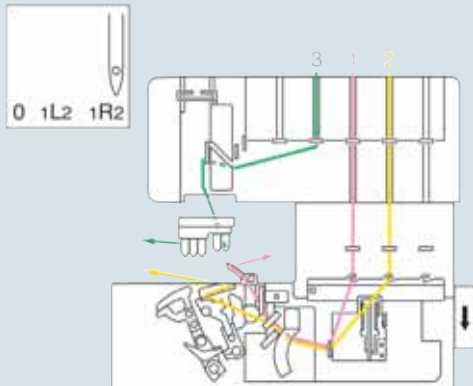
Stitch program 09:

2-thread fold. rolled hem



Stitch program 06:

2-thread flatlock, wide



Stitch program 10:

3-thread overedge seam, narrow

Stitch program 13:

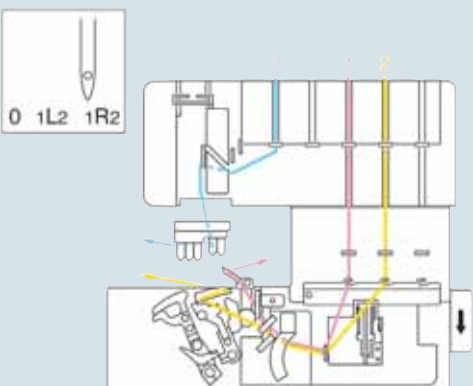
3-thread flatlock, narrow

Stitch program 16:

3-thread flat hem

Stitch program 17:

3-thread fold. rolled hem



Stitch program 11:

3-thread overedge seam, wide

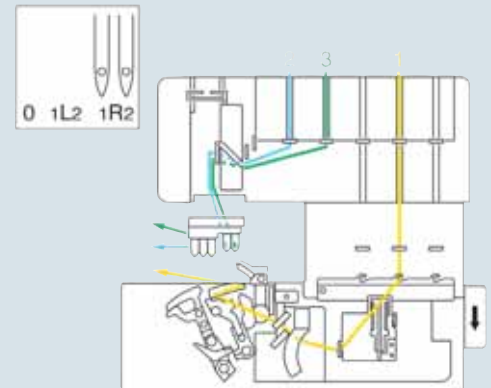
Stitch program 12:

3-thread serging, wide

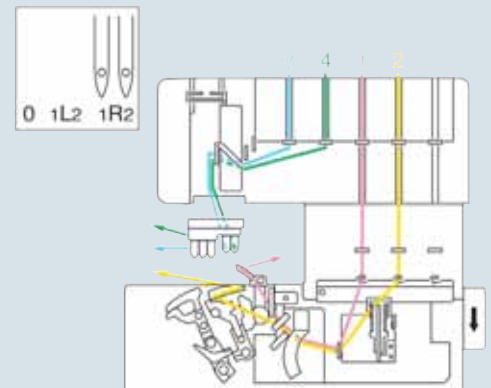
Stitch program 14:

3-thread flatlock, wide

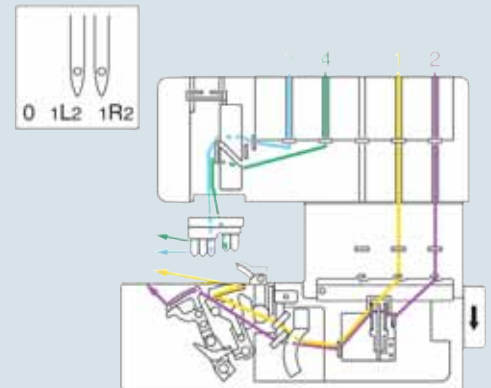
Stitch program 15:
2-needle, 3-thread overedge seam



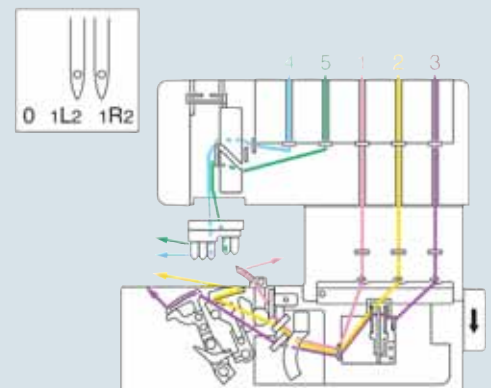
Stitch program 18:
4-thread overedge seam



Stitch program 19:
4-thread safety stitch, wide



Stitch program 20:
5-thread safety stitch, wide





Speed control

With the speedcontrol slider (8), you can set the maximum speed to any value from 700 rpm to 1500 rpm.

If you select programs 21 – 30, the maximum speed is reduced to 400 rpm.



Presser foot pressure

The preset presser foot pressure on the machine is suitable for medium fabrics. For most fabrics, the presser foot pressure does not need to be altered.

If you intend to work with lighter or heavier fabrics, however, it may be necessary to reset the pressure. In this case, you can choose from six positions; make your selection with the presser foot pressure adjustment knob (26).

The standard setting is "N".

Note: Lower the presser foot before turning the presser foot pressure adjustment knob. This makes the knob easier to turn.

Thread cutter

At the end of a seam, sew a thread chain of 15 to 20 cm (7"-10") and pull the thread chain from back to front over the thread cutter (47).

This will cut off the thread chain.



Check spring for edging the thread chain

Use the check spring for edging the thread chain (37) to edge the thread chain at the start of the seam.

To do this, sew a thread chain at least 10 cm long before you begin the seam. Raise the presser foot and pull the thread chain carefully away from the stitch finger (32). Draw the thread chain forwards and secure it under the spring.



Note: This technique cannot be used for the 5-thread safety seam, the 4-thread safety seam, the double chain stitch, the rolled hem, or for sewing in the fabric (progs. 01-03, 21-30).

Place the fabric just in front of the needle(s). If necessary, first cut about 3 cm along the cutting line with a pair of scissors. Lower the presser foot and start sewing. The thread chain will be drawn inside the seam automatically.





Disengage the upper knife



Turn off the power switch

Remove the trim catcher and open the front cover and the swivel table. Raise the upper knife (35) to its highest position by turning the hand wheel. Now push the knob for lowering the upper knife (39) as far as it will go to the right.



Turn the knob towards you until the upper knife is seated in its lowest position. The upper knife is now disengaged.



Engage the upper knife

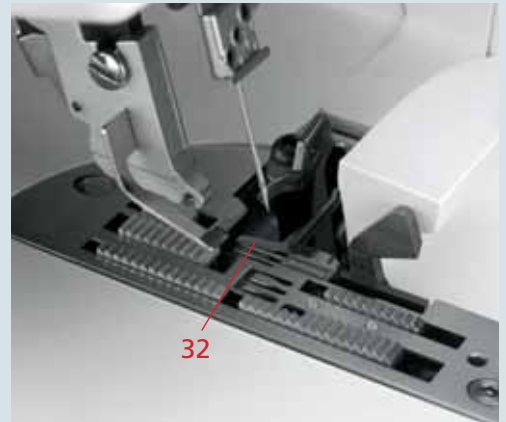
Push the knob for lowering the upper knife (39) to the right and swing the knife back until it clicks back into its working position. Close the front cover and the swivel table and reattach the trim catcher.

Note: The position of the upper knife will be shown in the LCD display (9) (see page 3-2).

Stitch finger

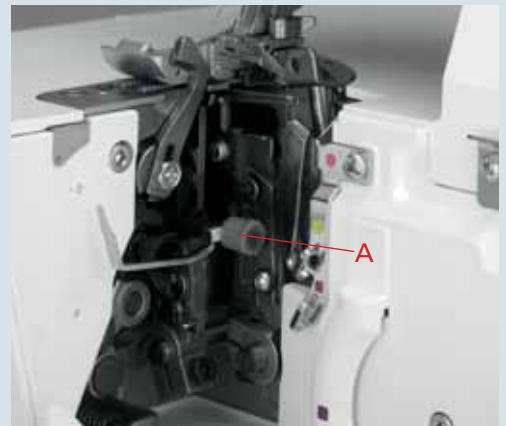
For Standard Overlock Seams:

For sewing all standard overlock seams (ex. progs. 01-04 and 21-30) the stitch finger (32) remains in its engaged position.



For rolled hems

Remove the trim catcher and open the front cover. Pull knob A of the stitch finger (32) to the right and swing it down into its disengaged position.



Note: The position of the stitch finger will be shown in the LCD display (9) (see page 3-2).

You can sew all rolled hems with this setting. This setting is also used for sewing coverstitches, double chain stitch, top cover and deco cover (progs. 01-04 and 21-30).



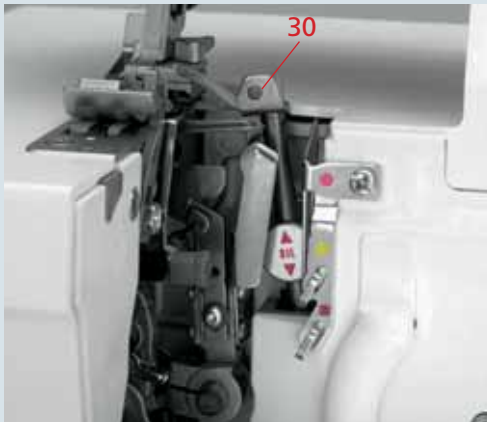


Attach converter



Turn off the power switch

The converter (41) must be attached for all 2-thread seams (except program 04) and the 2-needle, 3-thread overedge seam. Open the swivel table and take out the converter.



Move the upper looper (30) beside and to the right of the needle by turning the hand wheel.



Secure the tip of the converter in the eye of the upper looper and push the converter onto the upper looper base.



To remove the converter, first release its tip from the eye of the upper looper. Now you can pull the converter up and out.

Note: The LCD display (9) will show whether the converter should be attached (see page 3-2).

Disengage the upper looper

You can disengage the upper looper (30) with the upper looper disconnection lever (18). Remove the trim catcher and open the front cover. Turn the hand wheel to bring the looper to its lowest position.

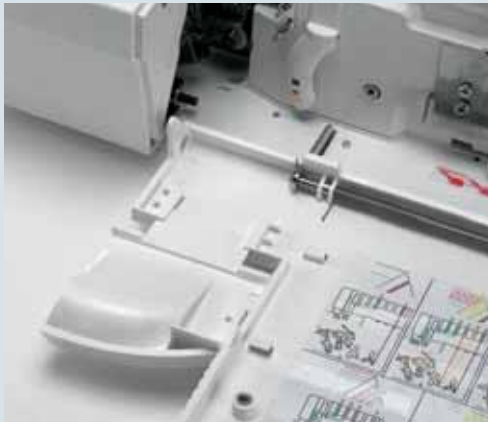


Note: The LCD display (9) will show whether the upper looper should be attached (see page 3-2).

Press the upper looper disconnection lever (18) down and push it to the left. Turn the hand wheel to ensure that the looper is indeed disengaged.

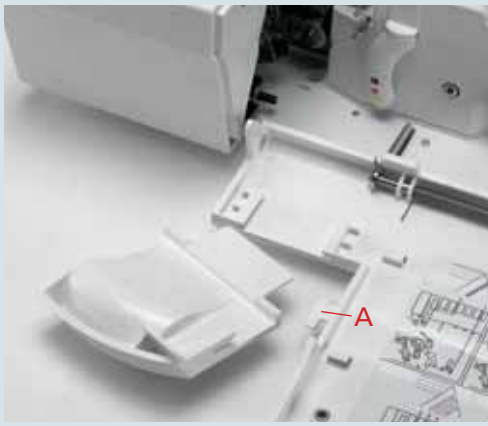
To engage the upper looper, push the upper looper disconnection lever (18) into its position to the right. Turn the hand wheel until the looper engages with an audible click and moves upwards again. Close the front cover and attach the trim catcher.



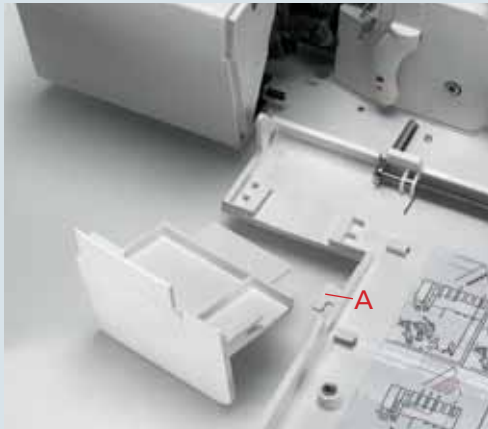


Remove knife guard

Remove the trim catcher and open the front cover. Pull the knife guard (17) up and off.



To insert, place the knife guard under latch A and push down into the front cover guides.



Note: The sewing table (accessory) is attached in the same way.

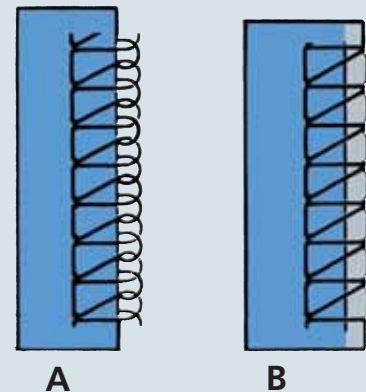
Set seam width

Turn the seam width adjustment knob (22) to select any seam width value from 3.5 to 6.0 mm; it will also be displayed in the viewing window (23). (Double chain stitch is sewn with a gap of 6.5 to 9 mm.)

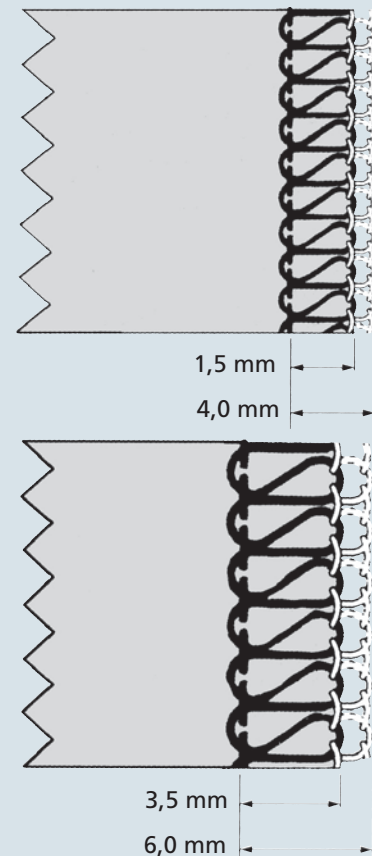


Figure A: If loops are protruding from the edge of your seam, turn the seam width selection knob upwards to shift the upper knife (35) to the right.

Figure B: If your seam puckers at the edge, turn the seam width selection knob downwards to shift the upper knife (35) to the left.



Note: The seam width settings 3,5 mm and 6,0 mm are only relevant for the needle R1. This set-value is reduced by 2,0 mm when using the needle R2, i.e. you have a seam width which is completely adjustable from 1,5 mm to 4,0 mm.





Setting the stitch length

The stitch length is selected automatically by the creative 4874. However, it can be changed and stored at any time using stitch length adjustment buttons (14) (see page 3-4).



Note: The effect of the differential feed also depends on the stitch length selected and the type of fabric being used.

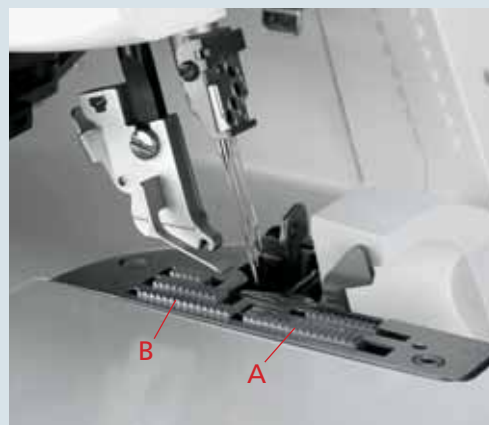
Differential feed

The differential feed consists of two feed dogs arranged one behind the other.

Both feed dogs (A + B) move the fabric. The movement of the front feed dog (A) can be regulated using the differential feed adjustment buttons (15). The setting range is from 0.5 to 2. This setting regulates the amount of material being fed by the front feed dog.

The creative 4874 selects the differential feed automatically, but it can be changed at any time using the setting buttons (15) and can be stored (see page 3-4).

The default setting is 1; with this setting, the movement of the front feed dog (A) is synchronized with that of the rear feed dog (B), which means that the front feed dog advances the same quantity of fabric as the rear feed dog.

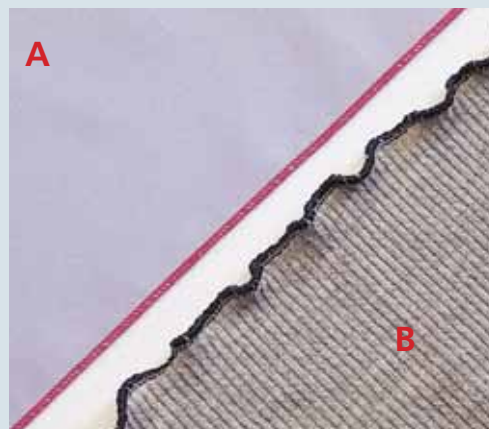


If you set the differential feed to 0.5 the front feed dog moves at half the speed of the rear feed dog. This means that the front feed dog feeds only half as much fabric as the rear feed dog. This stretches the fabric.



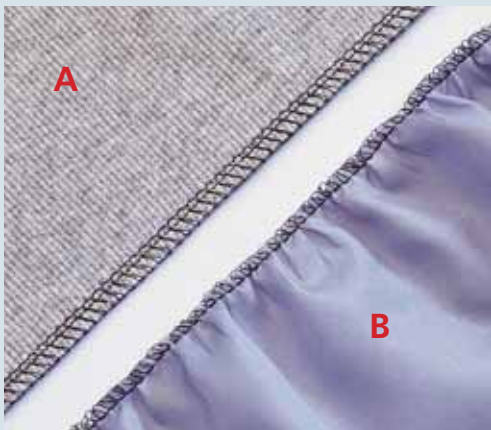
This way, when you are working with very fine fabrics such as silk and taffeta you can prevent puckering of the seam. The seam will remain flat (A).

But you can also use it to achieve fashionable effects such as the "lettuce edge" with a rolled edge (B).





If you set the differential feed to 2.0 the front feed dog moves at twice the speed of the rear feed dog. This means that the front feed dog moves twice as much fabric as the rear feed dog. This gathers the fabric.



In this way, you can prevent the seam from stretching when you work with knits such as jersey or cable knits. The seam will remain flat (A).

However, you can also use it to achieve fashionable effects such as the gathered effect with very fine fabrics (B).

The following table includes notes on setting the differential feed. Always test your setting first on a piece of scrap fabric.

Type of fabric / effect	Differential feed setting			
	gather		normal	stretch
	<2>	<1,5>	<1>	<0,5>
Very light fabrics: silk, satin, poplin, taffeta, linings.			•	•
Normal fabrics: light and medium-heavy cottons, fine cords, thermal-wear			•	
Light knitwear: jerseys, polo fabrics, cut-pile pullovers, tricot, fine knitwear and gathered fabrics.		•	•	
Heavy knitwear: sweatshirt fleece, heavy gathered fabrics, heavy knitwear	•			
Stretch “lettuce edge” effect: medium and light knitwear, jerseys, knitwear, ruffled sleeve and collar edges, skirt hems, dense stitch lengths.				•
Gathering: ruffling light fabrics and lace, seam allowances for curves, arches on blouses, shirts, round pockets, flaps, stretching or gentle ruffling of sleeves, sleeve widths for cuffs or gathered fabrics.	•			



Electronic functions

This chapter contains information about all the electronic functions of the machine.

Set language

You can select any of the following languages:

Czech, Danish, German, English, Spanish, French, Italian, Dutch, Polish, and Portuguese. Hold down the program selection buttons +/- (11) simultaneously as you switch the machine on. Use program selection button + (11) to select the language you want. Press the memory button M (12) once to store the language you have selected.

Now the description will be displayed in your chosen language.



LCD Display

1. Stitch program number
2. Stitch designation (Main menu)
3. Stitch length in mm
4. Differential feed setting
5. Needle position
6. Position of the swivelling stitch finger
 -  Stitch finger engaged.
 -  Stitch finger disengaged.
7. Position of the upper looper
 -  Upper looper engaged
 -  Upper looper disengaged
 -  Converter engaged
8. Position of the sewing table
 -  with sewing table
 -  with knife guard
9. Position of the upper knife
 -  Upper knife engaged
 -  Upper knife disengaged
10. Setting for the standard presser foot:
 - A or B – as well as F appears in the display, you can also use clearview foot F from the accessory box.
11. Seam width in mm



If you have selected stitch programs 21-30, R appears in the display. Use clearview foot R.



If you have selected stitch programs 24–30 and you press the program selection button + beside the R, one of these two symbols will appear:

<> The two arrows pointing away from each other indicate that a thick thread can be used for the deco cover (45) thread tensions.

>< The two arrows pointing towards each other indicate that a thin yarn can be used for the deco cover (45) thread tensions.



Button functions

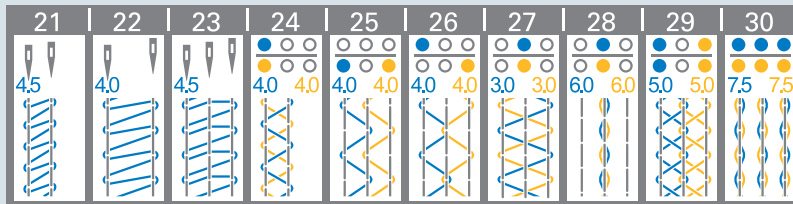
- 7 Tension buttons +/-: To increase or decrease the tension settings.
- 10 Tension release button: If you press the tension release button, all thread tension discs are opened automatically. Keep the button pressed down and you can remove the threads by pulling gently.
- 11 Stitch program selection buttons +/-: Use these buttons to select the program you want. There are 30 programs to choose from. If you keep the buttons pressed down for a moment longer, the display scrolls through the programs automatically. The program that was last used always appears when the machine is first switched on.
- 12 Memory button M: Use this button to store changed settings for stitch length, differential feed and thread tensions.
- 13 Memory selection button P: Press this button to open the program memory and memories A, B and C. This button will always return you to the main menu.
- 14 Stitch length setting buttons +/-: If you press one of these buttons, the program memory opens. Use the +/- to adjust the stitch length. If you press the memory selection button P repeatedly, you will be returned to the main menu and the changed setting will be cancelled. If no changes are made within 10 seconds, the display switches back to the main menu automatically.
- 15 Differential feed setting buttons +/-: If you press one of these buttons, the program memory opens. Use the +/- to adjust the differential feed. If you press the memory selection button P repeatedly, you will be returned to the main menu and the changed setting will be cancelled. If no changes are made within 10 seconds, the display switches back to the main menu automatically.



Save

Recalling the memory

Use the program selection buttons +/- to recall the program you want. If you press the memory selection button P once, the program memory will open. The settings for the thread tensions, stitch length and differential feed are displayed next to the program number. Tension settings marked with two asterisks ** are not available for that program and do not have to be threaded. If no changes are made within 10 seconds, the display switches back to the main menu automatically.



Note: The top/deco cover (45) thread tension settings are not displayed and are therefore also not set automatically. These settings can be found on the top/deco cover stitch program sticker, and must be set manually. The top/deco cover stitch program sticker is behind the front cover.



Selecting a memory

Call the program you want using the program selection button +/- . You can choose from three memories (A, B and C) for each program. To access them, press the memory selection button P repeatedly until the memory you want appears. In our example, we have selected memory A for stitch program 21.

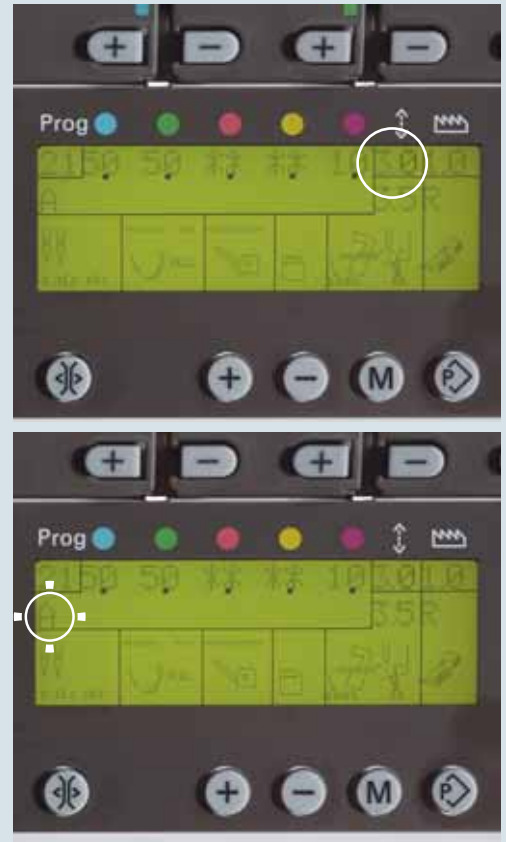
Save

The settings for automatic thread tensions, stitch length, and differential feed can be changed and stored. To do this, use the appropriate buttons +/- to change the previous setting. In our example we have changed the stitch length setting from 2.5 to 3.0.

Note: If you press memory selection button P repeatedly, you will be returned to the main menu.

By pressing memory button M you activate memory A, which is indicated by the flashing letter A. To store the changed setting, press the memory button M again – the flashing will stop and the setting will be stored.

If the memory button M is not pressed within 10 seconds, the letter will stop flashing and the changed setting will not be stored in the memory.



Notes on the saving to memory

If you do not select a memory to receive the settings you want to save, the changed settings will be stored in a vacant memory automatically when you press memory button M.

If all memories already contain settings, the changed settings will not be accepted.

You cannot delete individual memories, but you can overwrite them.

Deleting all memories

Switch the machine off. Press the program selection buttons +/- and the memory button M together. Hold the buttons down and switch the machine on. After about 10 seconds, the last stitch program used on the 4874 will appear in the display, and the contents of all memories will be deleted.



Changing settings for tension, stitch length and differential feed directly without saving

If you want to change tension settings in the middle of a sewing project, but don't want to save these values, press one of the tension buttons +/-. To change the stitch length or the differential feed value, press the corresponding +/- buttons. The program memory will open. Now you can change any setting with the corresponding +/- buttons. If you press memory selection button P repeatedly you will be returned to the main menu, the changed setting will not be saved. If no changes are made within 10 seconds, the display switches back to the main menu automatically.



Error

If a stepping motor for controlling thread tension should fail, the following message appears in the display:

ERROR. Error 1 means: stepping motor number 1 for the blue needle thread tension is no functioning. If the Error message is still displayed after you have switched the machine off and on again, you should take your machine to a service center.



Cover stitch

In this chapter, we explain the basic functioning of your creative 4874, using the coverstitch as an example.

Cover stitch

Switching the machine to cover stitch (progs. 01, 02, 03)

Note: Always set up your creative 4874 as shown in the display first. Then open the program memory (see page 3-5) before threading the machine.

Use the program selection buttons +/- (11) to select one of the cover-stitches. In our example, we have selected program 03, 3-needle cover hem.



3.0 1.0
The stitch length and the differential feed are set automatically, but can be altered and stored individually (see page 3-4).

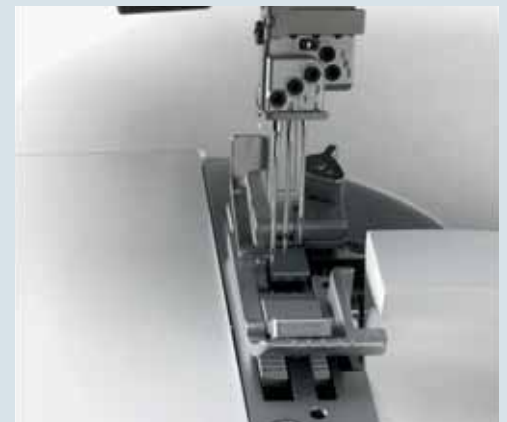


0 1L2 1R2

With the needle changing tool, insert needles L 0, 1 and 2 as far as they will go into the needle holder (make sure they are inserted all the way with your fingers). Tighten the associated retaining screw and remove the needle changing tool.

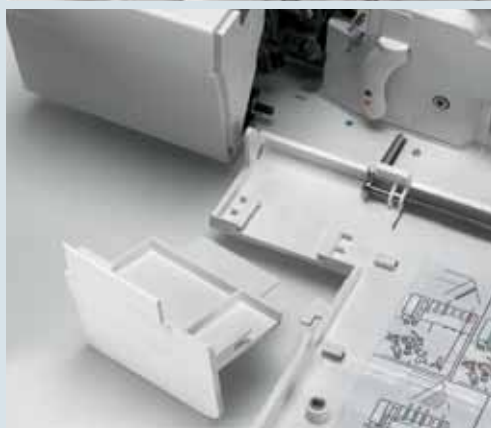


Pull knob A of the swivelling stitch finger (32) to the right and swing it down into its disengaged position.





Turn the hand wheel to bring the upper looper to its lowest position. Press the lever to disengage the upper looper (18) down and push it to the left. Turn the hand wheel to ensure that the looper is disengaged.



Remove the knife guard and push the sewing table (accessory) down between the two front cover guides.



Raise the upper knife (35) to its highest position by turning the hand wheel. Now push the knob for lowering the upper knife (39) as far as it will go to the right.

Turn the knob towards you until the upper knife is seated in its lowest position. The upper knife is now disengaged.



Turn the seam width selection knob (22) to set the seam width to 3.5 mm.

A F



Set the standard presser foot heel to A or insert the clearview foot F from the accessory box.

When you press the memory selection button P once, the program memory opens. The thread tension settings appear beside the program number in the display.

First thread the purple thread tension for the cover-stitch looper, followed by the blue, green and red thread tensions for the needles.

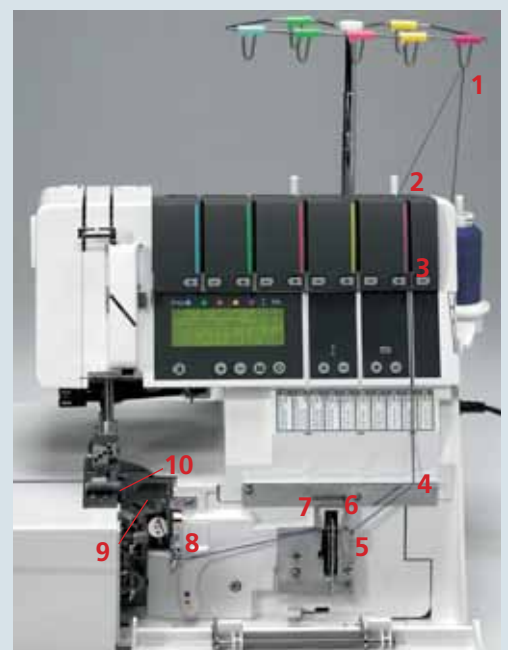
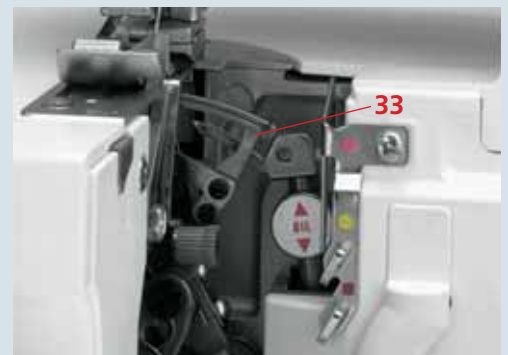
You can also refer to the threading diagram behind the front cover.

Threading the cover-stitch looper

Turn the hand wheel towards you until the cover-stitch looper (33) is as far to the right as possible.

Thread the thread in order from 1 to 10.

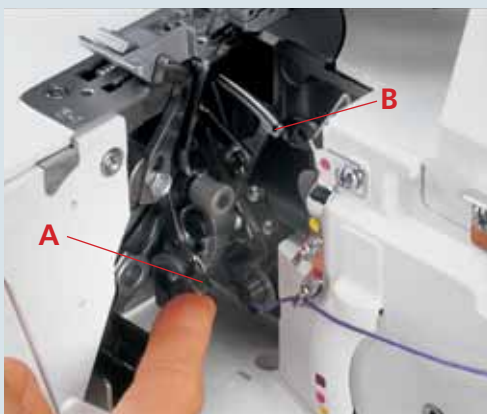
Thread guide 8 is marked with a purple square





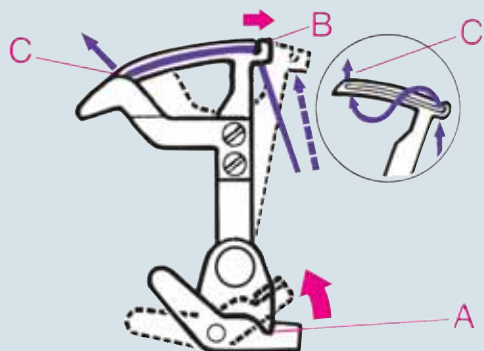
Thread the thread in the guides from 1 to 8. (Make sure: The thread does not pass under the latch)

Note: In the case of thread guides 6 and 7, the thread is simply placed on top of them, not threaded through.



Press lever A up and hook the thread into slot B. The illustration below shows how to do this.

Note: The lever will return to its original position as soon as you start to sew.



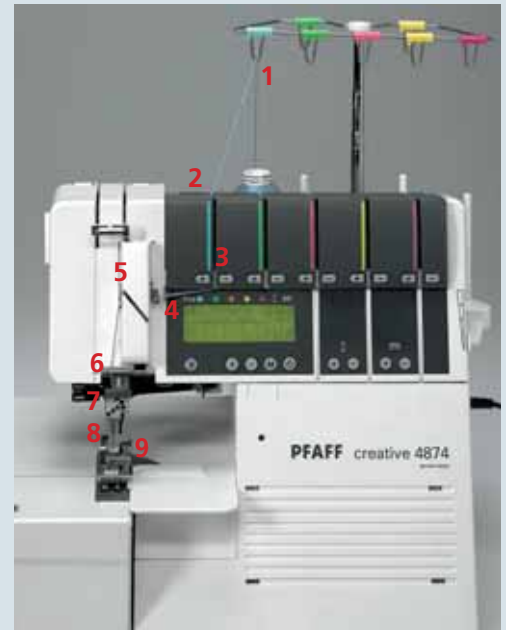
From the front, pass the thread through eye C (- threading point 10) of the double chain stitch or cover stitch looper.



Pull about 10 cm (5") of thread through the looper and place it to the left under the presser foot.

Threading the needle(s)

Thread the threads in order from 1 to 9.

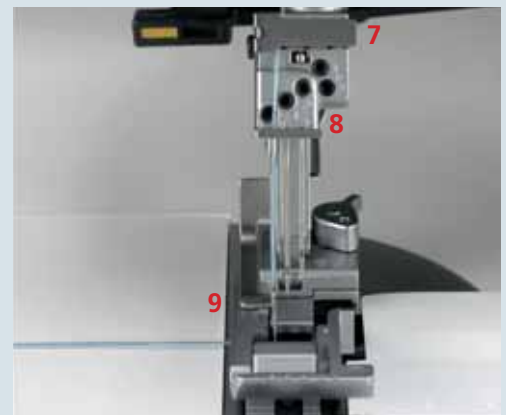


The thread must pass through the lower slot in thread guide 5.

To thread needles more easily, use the needle threader in the accessory box.



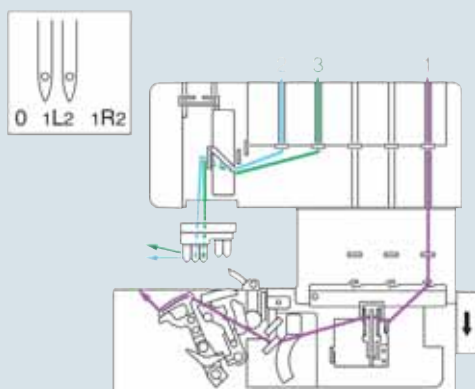
Pull the thread about 10 cm (5") through the eye of the needle and place it to the left under the presser foot (if necessary, press the tension release button (10), see page 3-4).



Summary of threading paths and their threading sequences

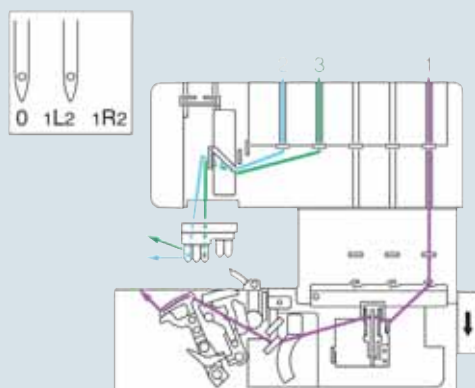
Stitch program 01:

2-needle cover hem, narrow



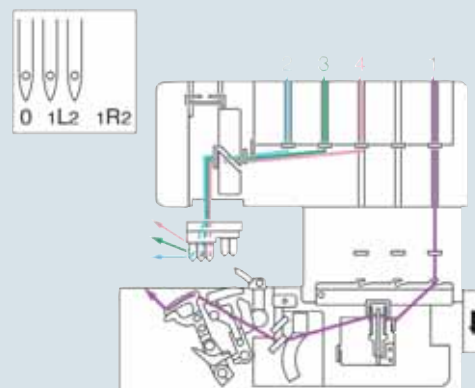
Stitch program 02:

2-needle cover hem, wide



Stitch program 03:

3-needle cover hem



Important notes on sewing with the cover stitch

Sewing table

The sewing table is marked with various measurements. The figures at the top are centimeters, those at the bottom represent inches.



Note: The hem guide H2 may be ordered as an extra accessory. It makes hemming child's play without the need to iron the hem before you sew.

Preparing the project

When hemming, it is helpful to iron the hem beforehand. Depending on the hemdepth, add 0.5 cm (1/4") to the hem. For example, if you want a 2 cm hem, iron up 2.5 cm (1" hem iron up 1 1/4").



Starting to sew

Lift up the presser foot and position the fabric under the presser foot so that the needles pierce the fabric on the first stitch. The raw edge must be along the two on the ruler of the sewing table.

Keep the threads moderately taut and start sewing slowly. As soon as the first few stitches have been formed, you can increase the sewing speed.



Note: In most cases, the differential feed will need to be adjusted. Sew a test seam first.

Stopping sewing

1. If you are sewing to the edge of the project:

Grasp the threads at the end of the seam and sew slowly off the project. As you do so, pull the threads gently backwards.



2. If you are sewing a continuous hem (around a project):

Sew 4–5 stitches over the previous stitches. On the last stitch, turn the hand wheel towards you slowly until the needles reach their lowest position.

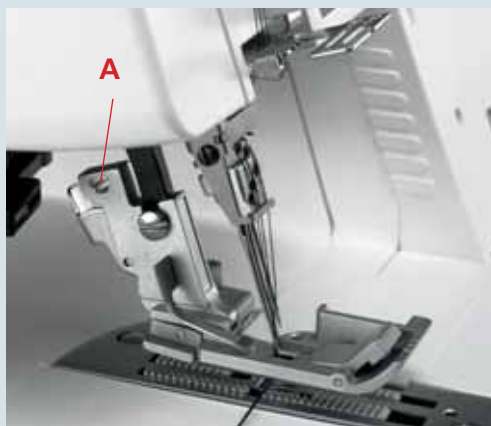




Now turn the hand wheel back until the needles are in their highest position. At the same time, loosen the needle threads slightly with one finger.



Raise the presser foot. Grasp the threads at the end of the seam and press the tension release button to pull the project out. Cut the threads off. Pull the needle threads through to the wrong side of the fabric and tie off.



Edge guide

Slide the edge guide from the accessory box left to right into guide A of the presser foot holder. You can adjust the ruler as you wish by sliding it in the guide.



The edge guide is used for sewing seams at a constant distance from the edge of a project. It can also be used programs 21-30.

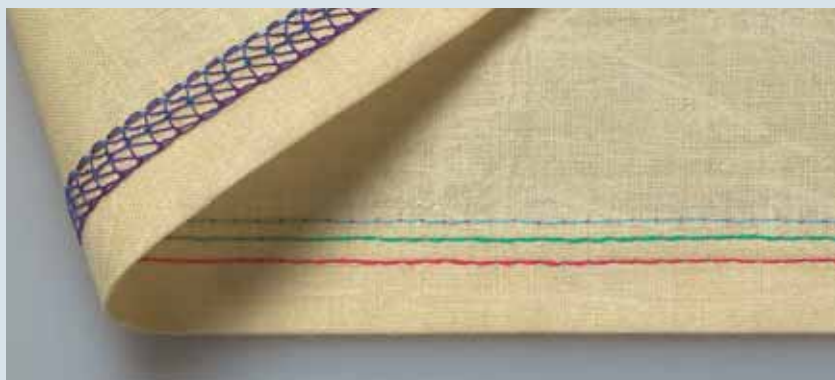
To return your creative 4874 to normal sewing:

Open the front cover and take off the sewing table. Push the upper looper lever to the right so that the upper looper is engaged. Return the stitch finger to its upright and engage the movable knife. Replace the knife guard onto the front cover, and close the cover.

Stitch formation

3-needle cover hem, program 03

If all the thread tensions are set correctly, the needle threads (blue, green and red) are almost invisible on the underside of the fabric. The looper thread (purple) lies slack between them.



The needle threads (blue, green and red) are too loose and form small loops on the underside of the fabric.

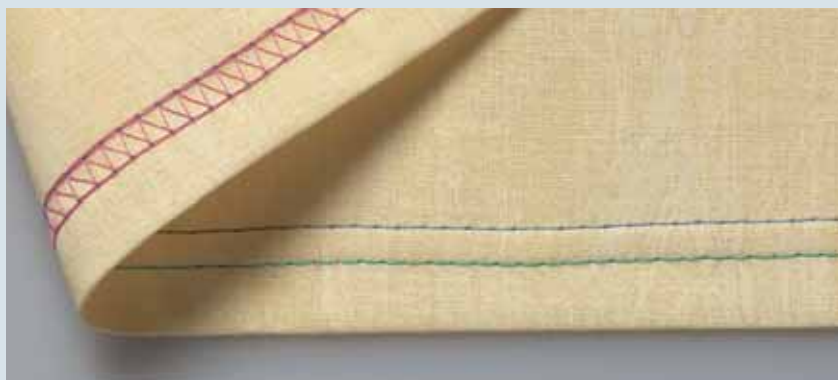
Choose a higher setting for the blue, green and red thread tensions.



The needle threads (blue, green and red) are too tight and the fabric is puckering.

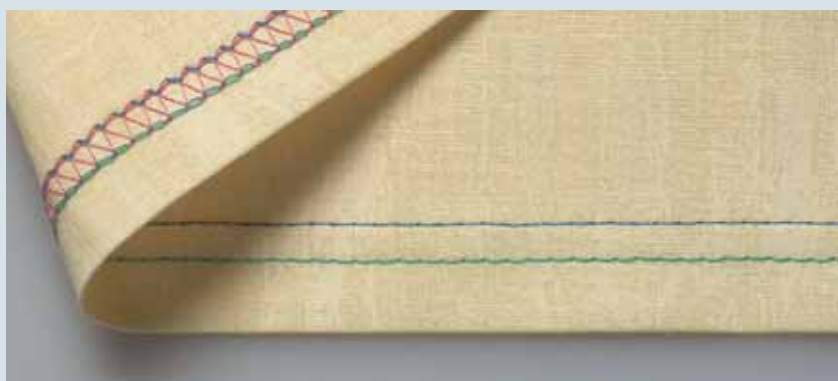
Set a lower value for the blue, green and red thread tensions.





2-needle cover hem, narrow and wide, programs 01, 02

If all the thread tensions are set correctly, the needle threads (blue and green) are almost invisible on the underside of the fabric. The looper thread (purple) lies slack between them.



The right needle thread (green) is too loose.

Adjust the green thread tension to a higher setting.



Top Cover Stitch

In this chapter, we describe the basic functioning of your creative 4874 with reference to top cover stitching.

Top Cover Stitch

Switching the machine to top cover operation (progs. 21, 22, 23).

Detachable thread stand

For top cover sewing you need to use the detachable thread stand. Insert the top catches of the thread stand (27) into the top slots on the rear cover and press the bottom portion of the stand against the cover. Push the detachable thread stand to the right as far as it will go. Place one foam pad (52) on each spool pin (50).

To remove, push the thread stand to the left and pull upwards.



Detachable thread guide for top/deco cover

Pull the thread guide up as far as it will go and twist it until the locking pommels click into place. Place the detachable thread guide from the accessories box on top of the first thread guide slide.



Sewing program sticker

The top/deco sewing program sticker (25) is located behind the front cover and includes the following information:

1. Row: Stitch program number
2. Row: Needle position
3. Row: Tension setting in blue.
(Remember, the blue thread tension must be changed manually.)
4. Row: Stitch formation with needle stitch lines in grey

	21	22	23	24	25	26	27	28	29	30
1										
2										
3	4.5	4.0	4.5	4.0 4.0	4.0 4.0	4.0 4.0	3.0 3.0	6.0 6.0	5.0 5.0	7.5 7.5
4										



Top/deco switch lever

Choose a stitch program and move the top/deco switch lever A to the correct position:

Right for top cover, programs 21, 22 and 23.

Left for deco cover, programs 24 – 30.

For our example, we have chosen program 23.

Note: If the top/deco switch lever is not in the correct position, the machine will not run in programs 21 – 30 and an alarm will sound.



Stitch program selection

Switch the machine on and select one of the top cover programs with the program selection buttons +/- (11). The stitch length and differential feed will be adjusted and the sewing speed will be slowed automatically. For our example, we have selected program 23, 3-needle, 4-thread top cover.

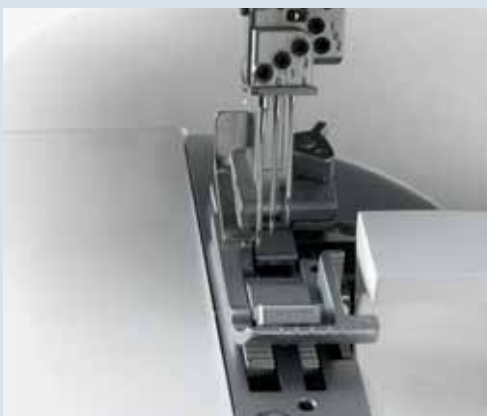
If you hear an alarm when you make your stitch program selection, this means that the top/deco switch lever (A) is in the wrong position.

Note: Always set up your creative 4874 as shown in the display first. Then open the program memory (see page 3-5) before threading the machine.



3.0 1.0

The stitch length and the differential feed are set automatically, but can be altered and stored individually (see page 3-4).



0 1L 2 1R2

With the needle changing tool, insert needles L 0, 1 and 2 as far as they will go into the needle holder (make sure the needles are inserted all the way with your fingers). Tighten the associated retaining screw and remove the needle changing tool.



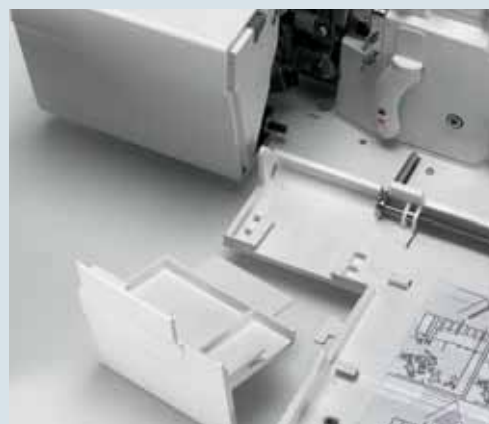
Pull knob A of the stitch finger (32) to the right and swing it down into its disengaged position.



Turn the hand wheel to bring the upper looper to its lowest position. Press the upper looper disconnection lever (18) down and push it to the left. Turn the hand wheel to ensure that the upper looper is disengaged.



Remove the knife guard and push the sewing table (accessory) down between the two front cover guides.



Raise the upper knife (32) to its highest position by turning the hand wheel. Now push the knob for lowering the upper knife (39) as far as it will go to the right.

Turn the knob towards you until the upper knife is in its lowest position. The upper knife is now disengaged.





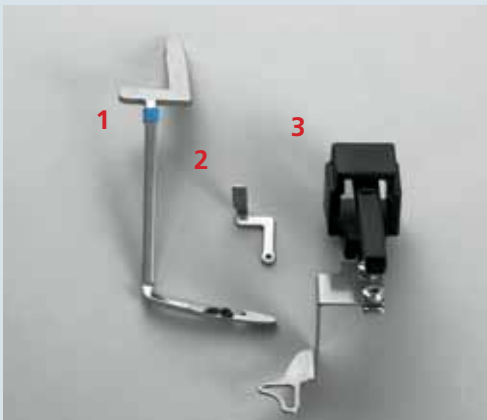
Turn the seam width adjustment knob (22) to set the seam width to 3.5 mm.



R



Use clearview foot R from the accessory box.



Accessories

The following accessories are provided for the top cover:

1. Top cover hook
2. Top cover round thread guide
3. Top cover triangle thread guide



Top cover hook

Insert the top cover hook into the top slot (blue) of the holder.

To do this, loosen but do not remove the screw on the side with the allen key.

Note: You must attach presser foot R and lower it.

Insert the top cover hook and tighten the screw.



To remove the top cover hook, loosen the screw with the allen key.

Place the screwdriver between the top cover hook and the holder. Press the tip of the screwdriver gently forwards. The top cover hook will pop out of the holder.



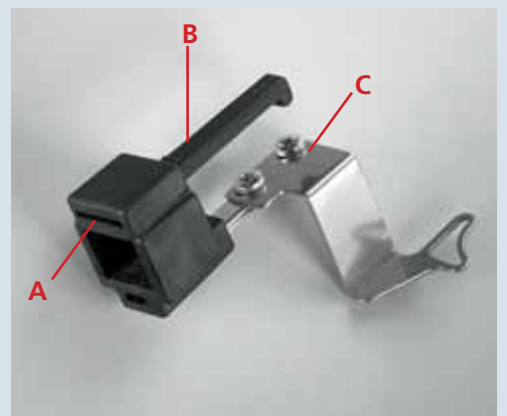
Top cover round thread guide

Loosen screws R1 and R2. Insert the Top cover round thread guide into the holder and tighten the screws, R2 first and then R1.



Top cover triangle thread guide

The triangle thread guide device has a wide slot A and black handle B.





When attaching the thread guide, make sure that the holder for the top/deco switch lever is fully seated in slot A. Now push the thread guide device back as far as it will go until you hear it click into place.



To remove it, press handle B down against C (the part where the triangle thread guide is attached). Pull it gently towards you and out of the holder.



When you press the memory selection button P once, the program memory opens. The thread tension values appear beside the program number in the display. First thread the purple thread tension for the cover-stitch looper, followed by the blue, green and red thread tensions for the needles.

You can also refer to the threading diagram behind the front cover. Finally, you must thread the blue top cover thread.



Threading the cover-stitch looper

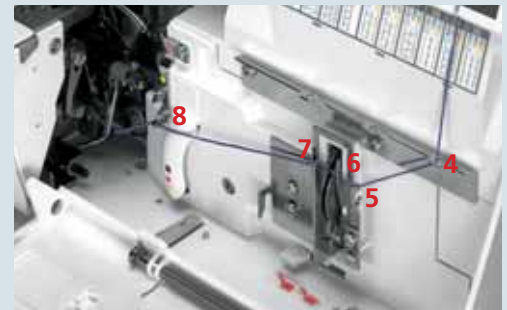
Turn the hand wheel towards you until the cover-stitch looper (33) is as far to the right as possible.

Thread the threads in order from 1 to 10.
Thread guide 8 is marked with a purple square



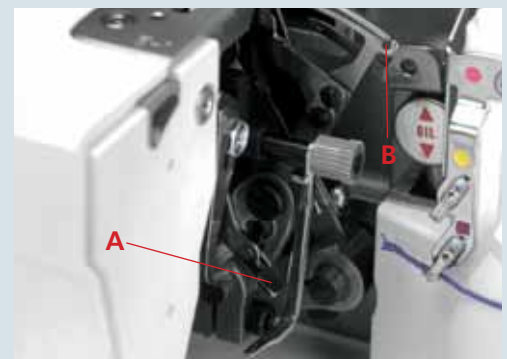
Note: In the case of thread guides 6 and 7, the thread is simply placed on top of them, not threaded through.

Thread the thread in the guides from 1 to 8. (Make sure: The thread does not pass under the latch)

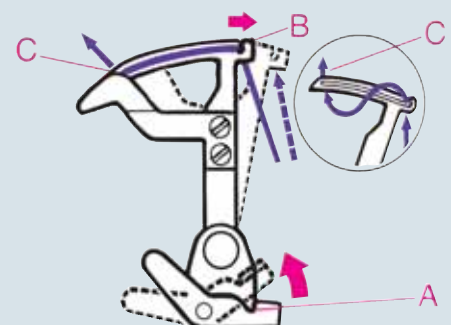


Note: The lever will return to its original position as soon as you start to sew.

Press lever A up and hook the thread into slot B. The illustration below shows how to do this.

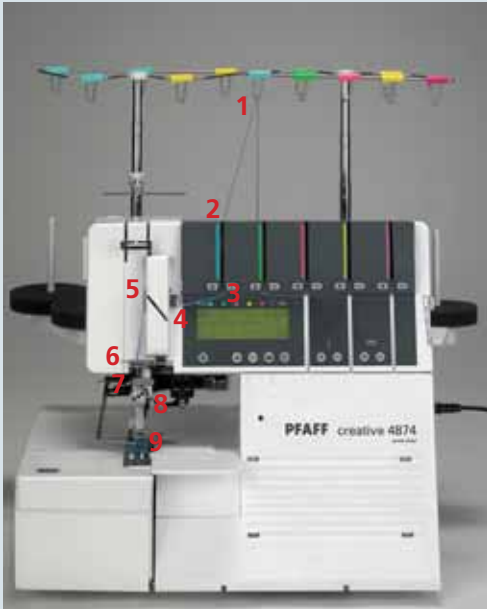


From the front, pass the thread through eye C (- threading point 10) of the double chain stitch and cover stitch loop.





Pull about 10 cm (5") of thread through the looper and place it to the left under the presser foot.

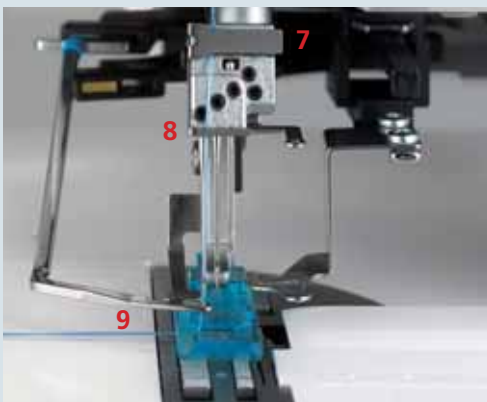


Threading the needle(s)

Thread the thread in order from 1 to 9.



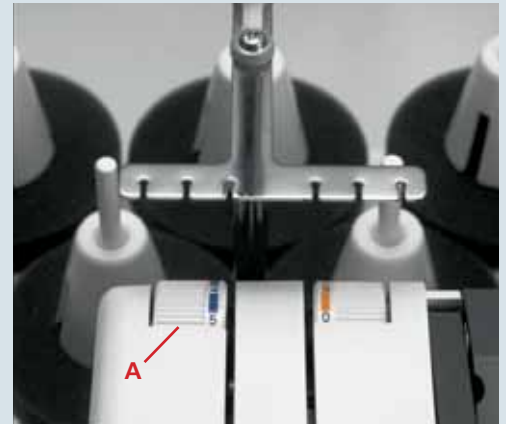
The thread must pass through the lower slot in thread guide 5. To thread needles more easily, use the needle threader in the accessory box.



Pull the thread about 10 cm (5") through the eye of the needle and place it to the left under the presser foot (if necessary, press the tension release button (10), see page 3-4).

Top cover thread tension, blue

Set the top cover thread tension, blue (45) as indicated on the stitch program sticker. To do this, turn the thread tension dial by hand until the corresponding setting appears directly above line A.



Threading the top cover thread

Place the spool on the front left spool pin of the detachable thread stand. Thread the corresponding thread guide from the back forwards.



With both hands, pull the thread between the tension discs and place it under the rear thread guide (46).

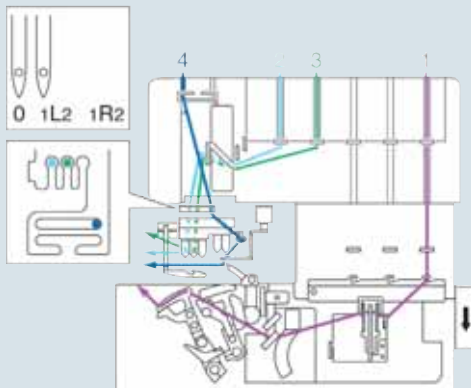


Now feed the thread into the hole in the detachable thread guide.





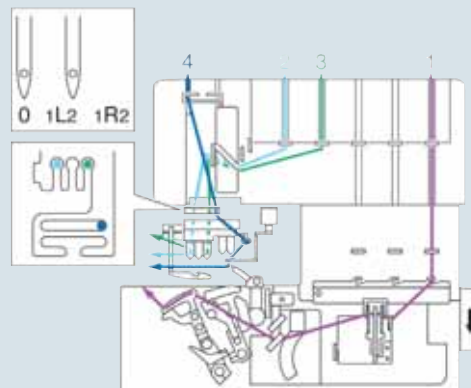
Thread the thread in order 1 to 4 and place the thread to the left over the presser foot. Some thread guides are marked in blue.



Summary of threading paths and their threading sequences

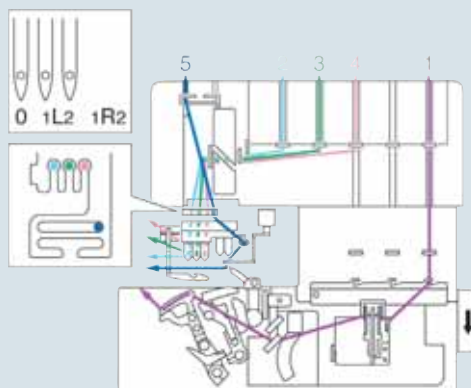
Stitch program 21

2-needle Top cover, narrow



Stitch program 22

2-needle Top cover, wide



Stitch program 23

3-needle, Top cover

Important notes on sewing with the top cover stitch

Sewing table

The sewing table is marked with various measurement units. The figures at the top are centimeters, those at the bottom represent inches.



Preparing your project

If you are going to use top cover stitches for decorative effects, you can mark the outlines on the right side of the fabric with textile pen or chalk, and sew along these lines.

Test your textile pen with your fabric.



If you intend to use top cover stitches for hemming, it is helpful to iron a hem beforehand. Depending on the hemdepth, add 0.5 cm (1/4") to the hem. For example, if you want a 2 cm hem, iron up 2.5 cm (1" hem, iron up 1 1/4").



Note: Test sew the cover stitch first, without adding the top cover thread. When the stitch is tested, continue sewing also with the top cover thread.

Starting to sew

Lift up the presser foot and position the fabric under the presser foot so that the needles pierce the fabric on the first stitch. The top cover thread must be in front of the needles in order to be picked up on the very first stitch. The raw edge must be along the two of the sewing table. Keep the threads moderately taut and start sewing slowly. As soon as the first few stitches have been formed, the top cover thread can be cut short at the start of the seam and you can increase the sewing speed.





Stopping sewing

1. If you are sewing to the edge of the project:

Grasp the threads at the end of the seam and sew slowly off the project. As you do so, pull the threads gently backwards.



2. If you are sewing a continuous hem (around a project):

Sew 4–5 stitches over the previous stitches. On the last stitch, turn the hand wheel towards you slowly until the needles reach their lowest position.



Now turn the hand wheel back until the needles are in their highest position. At the same time, loosen the needle threads slightly with one finger.



Raise the presser foot. Grasp the threads at the end of the seam and press the tension release button to pull the work piece out. Cut the threads off. Pull the top cover threads through to the wrong side of the fabric and tie off.

Stitch formation

Since the top cover-stitch consists of a combination of the cover-stitch with top cover thread, we offer suggestions about adjustment options that predominantly refer to the cover-stitch.

3-needle Top cover, stitch program 23

If all the thread tensions are set correctly, the needle threads (blue, green and red) are almost invisible on the underside of the fabric. The looper thread (purple) lies slack between them.

The top cover thread (blue) lies slack between the needle threads on the top side of the fabric.



If there are protruding loops in the top cover thread (blue).

Adjust the blue thread tension (45) of the top cover to a higher setting.



The needle threads (blue, green and red) are too loose and form small loops on the underside of the fabric.

Adjust the blue, green and red thread tensions to a higher setting.





2-needle top cover, narrow and wide, stitch programs 21, 22

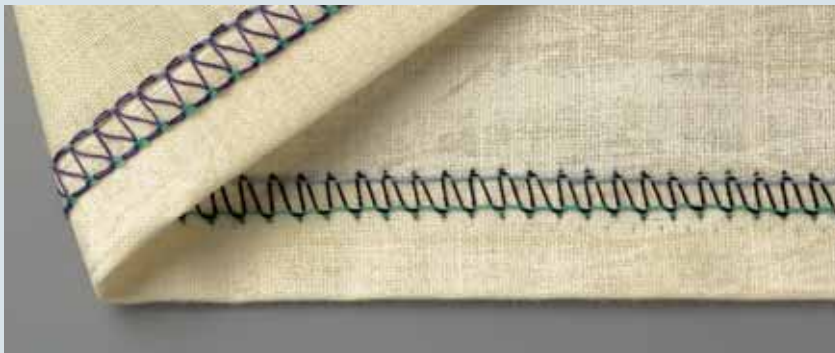
If all the thread tensions are set correctly, the needle threads (blue and green) are almost invisible on the underside of the fabric. The hook thread (purple) lies slack between them.

The top cover thread (blue) lies slack between the needle threads on the top side of the fabric.



If there are protruding loops in the top cover thread (blue).

Adjust the blue thread tension (45) of the top cover to a higher setting.



If the top cover thread is barely visible.

Adjust the blue thread tension (45) of the top cover to a lower setting.



The right needle thread (green) is too loose.

Adjust the green thread tension to a higher setting.



Deco Cover

In this chapter, we are going to describe the basic functioning of your creative 4874 using the example of the deco cover stitch.

Deco Cover

Switching the machine to deco cover operation (progs. 24 - 30)

Detachable thread stand

For deco cover sewing you need to use the detachable thread stand. Insert the top catches of the thread stand (27) into the top slots on the rear cover and press the bottom portion of the stand against the cover. Push the detachable thread stand to the right as far as it will go. Place one foam pad (52) on each spool pin (50).

To remove, push the thread stand to the left and pull upwards.



Detachable thread guide for top/deco cover

Pull the thread guide slide up as far as it will go and twist it until the locking pommels click into place.

Place the detachable thread guide from the accessory box on top of the first thread guide.



Stitch program sticker

The top/deco stitch program sticker (25) is located behind the front cover and includes the following information:

1. Row: Stitch program number.
2. Row: Threading diagram for the decorative thread guides.
3. Row: Tension setting in blue and yellow, i.e. the blue and yellow thread tension must be changed to this setting manually.
4. Row: Stitch formation with needle stitch line in grey.

21	22	23	24	25	26	27	28	29	30	
										1
4.5	4.0	4.5	4.0 4.0	4.0 4.0	4.0 4.0	3.0 3.0	6.0 6.0	5.0 5.0	7.5 7.5	2
										3
										4



Top/deco switch lever

Choose a stitch program and move the top/deco switch lever A to the correct position:

Right for top cover, programs 21, 22 and 23

Left for deco cover, programs 24 – 30

For our example, we have chosen program 27.

Note: If the top/deco switch lever is not in the correct position, the machine will not run in programs 21 – 30 and an alarm will sound.



Stitch program selection

Switch the machine on and use the program selection buttons +/- (11) to select one of the deco cover programs.

With deco cover stitches, you can choose from two programs for each stitch. The decorative thread guides will be set at their initial positions, and the sewing speed will be slowed automatically. In our example we selected 3-needle, 6-thread deco cover stitch program 27. The machine gives a warningsignal if the top/deco switch lever A is in the wrong position.

When you first select the program, the 4874 is set for use with thicker thread in the decorative thread guides. This is indicated by the <> symbol.



If you press program selection key + again, the same program is displayed, but the machine is now set for use with thinner thread for decorative thread guides. This is indicated by the >< symbol.

↕ 
3.0 1.0

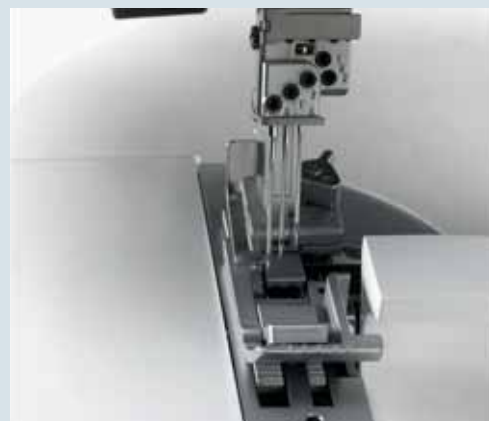
The stitch length and the differential feed are set automatically, but can be altered and stored individually (see page 3-4).

Note: Always set up your creative 4874 as shown in the display. Then open the program memory (see page 3-5) before threading the machine.

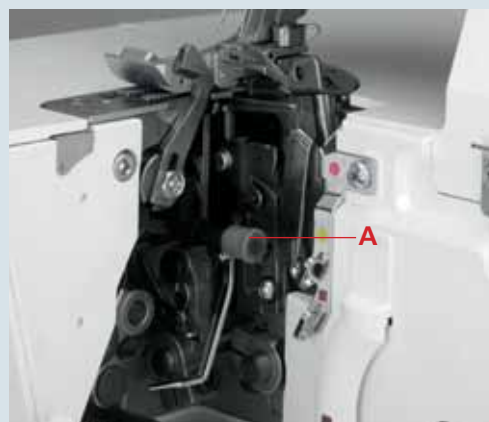


0 1L 2 1R2

With the needle changing tool, insert needles L 0, 1 and 2 as far as they will go into the needle holder (make sure the needles are inserted all the way with your fingers). Tighten the associated retaining screw and remove the needle changing tool.



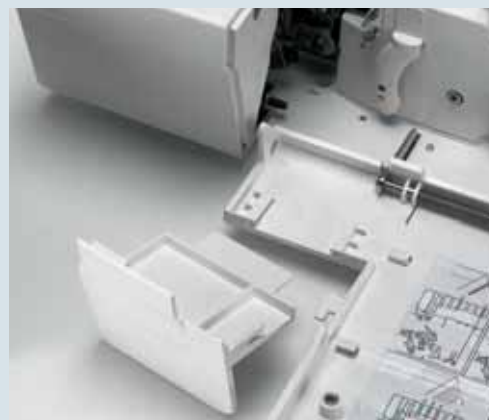
Pull knob A of the stitch finger (32) to the right and swing it down into its disengaged position.



Turn the hand wheel to bring the upper looper to its lowest position. Press the lever (18) down and push it to the left. Turn the hand wheel to ensure that the upper looper is indeed disengaged.



Remove the knife guard and push the sewing table (accessory) down between the two front cover guides.





Raise the upper knife (32) to its highest position by turning the hand wheel. Now push the knob for lowering the upper knife (36) as far as it will go to the right. Turn the knob towards you until the upper knife is in its lowest position. The upper knife is now disengaged.



Turn the seam width selection knob (22) to set the seam width to 3.5 mm.



R



Use clearview foot R from the accessory box. The machine is now set for thicker thread for use with the decorative thread guides.

If you press program selection key + again, the machine is set for thinner thread for use with the decorative thread guides.

Accessories

The following accessories are provided for deco cover:

1. Blue decorative thread guide
2. Yellow decorative thread guide

Both decorative thread guides have three holes for threading the decorative threads. This is indicated on the stitch program sticker by the following symbol: .

This symbol indicates which of the holes to insert the thread, and which of the two thread tensions (blue/yellow) you must use. The top row refers to the blue decorative thread guide and the bottom row to the yellow decorative thread guide.



Note: The presser foot R has to be attached. Lower the presser foot.

Decorative thread guide

First insert the yellow decorative thread guide in the bottom slot (yellow) in the holder, then place the blue decorative guide in the top slot (blue).

To do this, loosen but do not remove the screws on the side with the allen key.



Insert the decorative thread guides and tighten the screws.





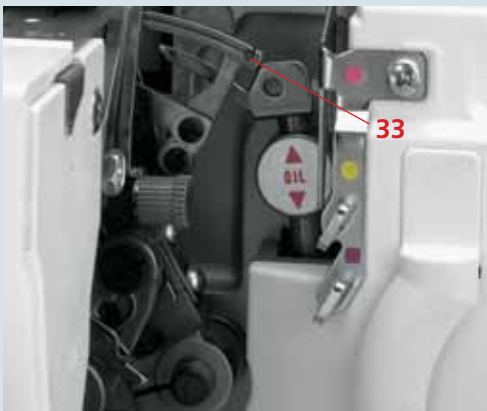
To remove the decorative thread guides, loosen the screws with the allen key. Place the screwdriver between the decorative thread guide and the holder and press the tip of the screwdriver gently forwards. The thread guide will pop out of the holder. Remove the blue one first, and then the yellow one.



When you press the memory selection button P once, the program memory opens. The thread tension values appear beside the program number in the display.

First thread the purple thread tension for the cover-stitch looper, followed by the blue, green and red thread tensions for the needles. You can also refer to the threading diagram behind the front cover.

Finally the blue and yellow deco cover threads are threaded.



Threading the cover-stitch looper

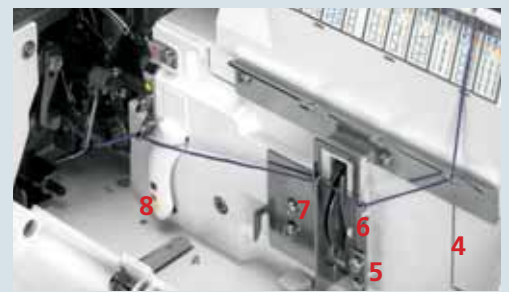
Turn the hand wheel towards you until the cover-stitch looper (33) is as far to the right as possible.

Thread the threads in order from 1 to 10.
Thread guide 8 is marked with a purple square.



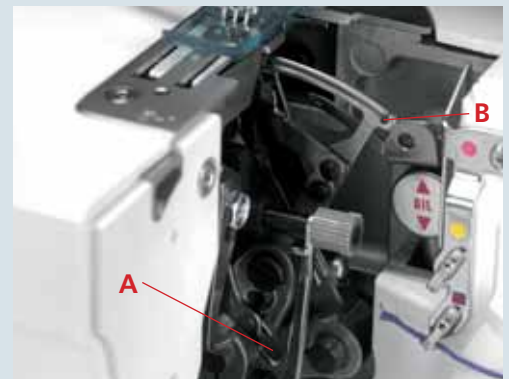
Note: In the case of thread guides 6 and 7, the thread is simply placed on top of them, not threaded through.

Thread the thread in the guides from 1 to 8. (Make sure the thread does not pass under the latch.)

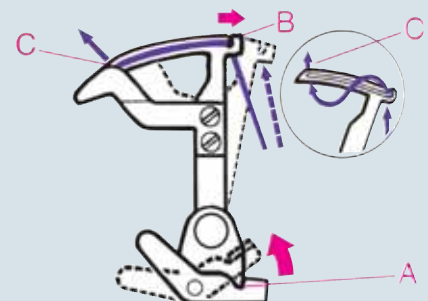


Note: The lever will return to its original position as soon as you start to sew.

Press lever A up and hook the thread into slot B. The illustration below shows how to do this.



From the front, pass the thread through eye C (- threading point 10) of the double chain stitch and cover stitch loop.

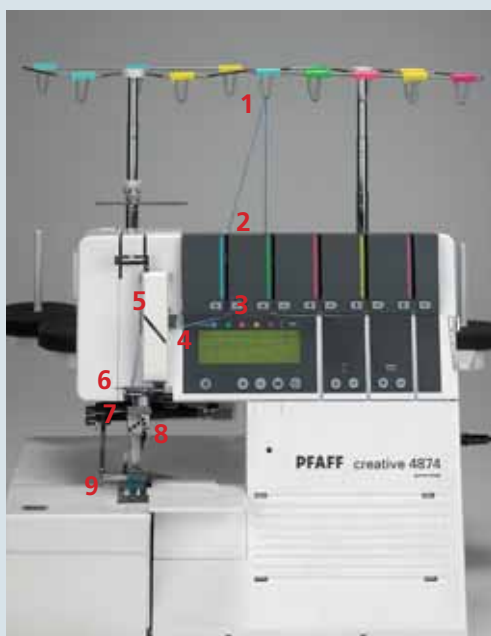




Pull about 10 cm (5") of thread through the looper and place it to the left under the presser foot.

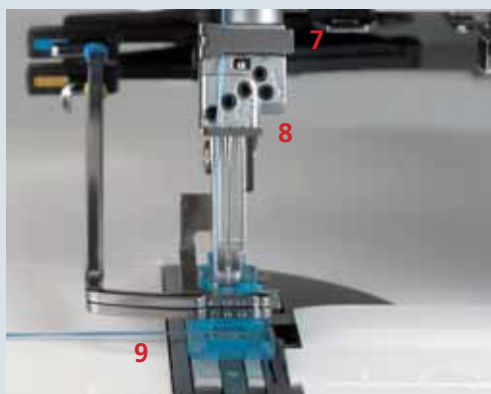
Threading the needle(s)

Thread the threads in order from 1 to 9.



The thread must pass through the lower slot in thread guide 5.

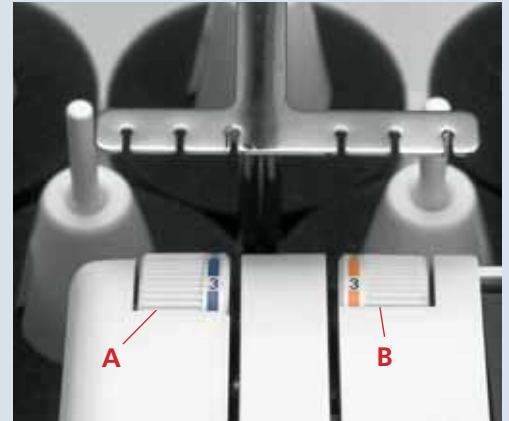
To thread needles more easily, use the needle threader in the accessory box.



Pull the thread about 10 cm (5") through the eye of the needle and place it to the left under the presser foot (if necessary, press the tension release button (10), see page 3-4.

Deco-cover thread tension dials, blue and yellow

Set the deco cover thread tensions, blue and yellow (45) as indicated on the stitch program sticker. To do this, turn the thread tension dials until the corresponding settings appear directly above line A and line B.



Threading the deco cover threads

Place the spools on the corresponding spool pins (1 x blue, 1 x yellow) of the detachable thread stand. Thread the corresponding color coded thread guides from the back forwards.



In the case of program 30, 3-needle, 10-thread deco cover, the corresponding spool pin of the yellow thread guide for thread stand (49) must be used to position the sixth or decorative thread.



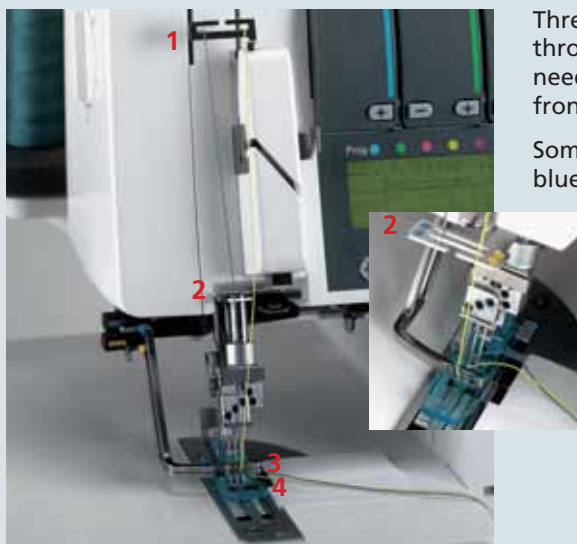
Note: For program 29 two threads will be positioned between each tension disc. For program 30 three threads will be positioned between each tension disc.

With both hands, pull the threads between the tension discs and place them under rear thread guides (46).



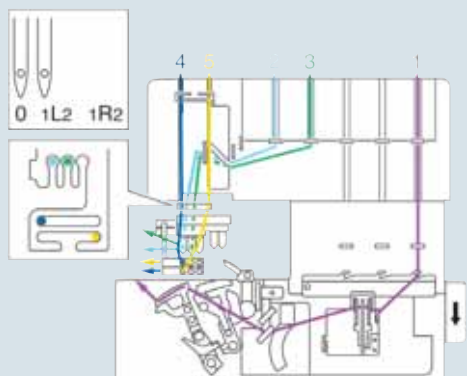


Now guide the thread into the color coded thread guide in the detachable thread stand.



Thread the deco cover threads in order through 1 to 4 and bring them behind the needles. With tweezers, turn them to the front towards you.

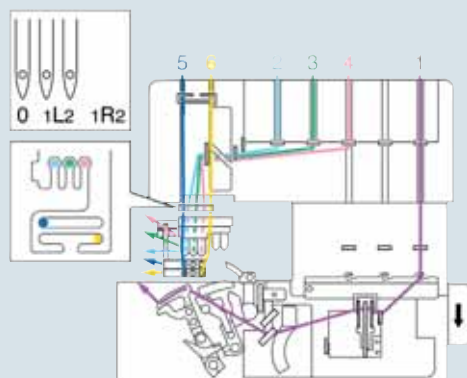
Some of the thread guides are marked in blue and yellow.



Summary of threading paths and their threading sequences

Stitch program 24

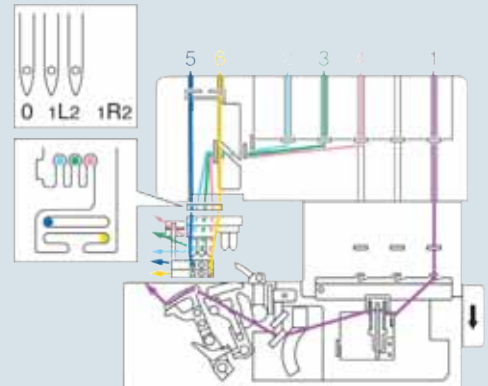
5-thread deco cover



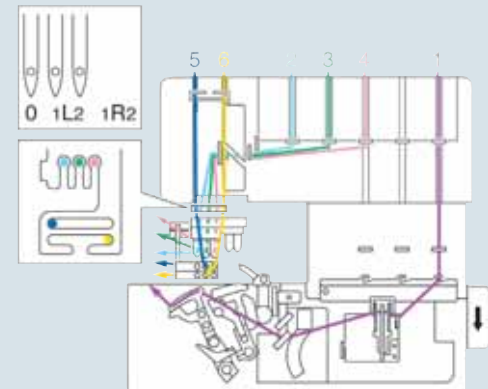
Stitch program 25

6-thread deco cover

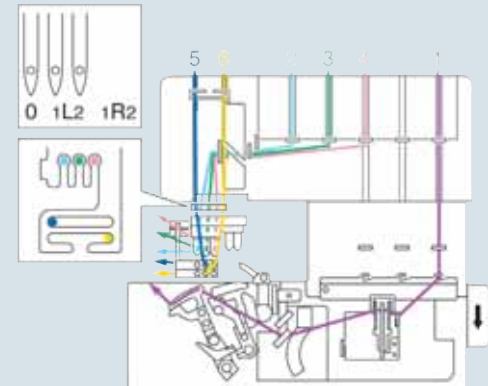
Stitch program 26
6-thread deco cover



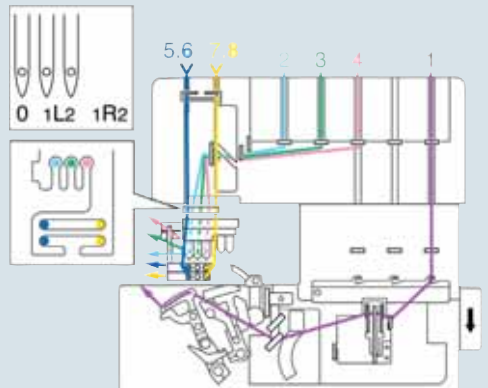
Stitch program 27
6-thread deco cover

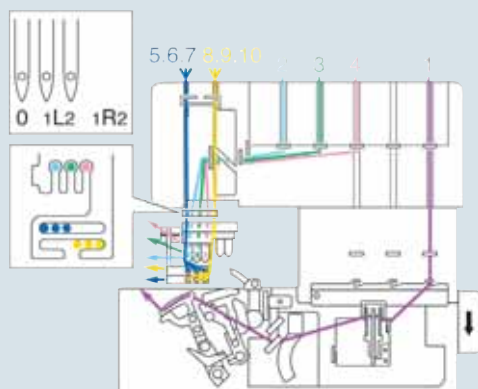


Stitch program 28
6-thread deco cover



Stitch program 29
8-thread deco cover





Stitch program 30
10-thread deco cover



Important notes on sewing with the Deco Cover Stitch

Sewing table

The sewing table is marked with various measurement units. The figures at the top are centimeters, those at the bottom represent inches.



Preparing your project

If you are going to use deco cover stitches for decorative effects, you can mark the outlines on the right side of the fabric with a textile pen or chalk, and sew along these lines.

Test your textile pen with your fabric.



If you intend to use deco cover stitches for hemming, it is helpful to iron a hem beforehand. Depending on the hemdepth, add 0.5 cm (1/4") to the hem. For example, if you want a 2 cm hem, iron up 2.5 cm (1" hem, iron up 1 1/4").

Note: Test sew the cover stitch first, without adding the deco cover thread. When the stitch is tested, continue sewing also with the deco cover thread.

Starting to sew

Lift up the presser foot and position the fabric under the presser foot so that the needles pierce the fabric on the first stitch. The deco cover threads must be behind the needles in order to be picked up on the very first stitch.

The raw edge must be along the two of the sewing table. Keep the threads moderately taut and start sewing slowly. As soon as the first few stitches have been formed, the deco cover threads can be cut short at the start of the seam and you can increase the sewing speed.

Stopping sewing

1. If you are sewing to the edge of the project:

Grasp the threads at the end of the seam and sew slowly off the project. As you do so, pull the threads gently backwards.

2. If you are sewing a continuous hem (around a project):

Sew 4–5 stitches over the previous stitches. On the last stitch, turn the hand wheel towards you slowly until the needles reach their lowest position.

Now turn the hand wheel back until the needles are in their highest position. At the same time, loosen the needle threads slightly with one finger.





Raise the presser foot. Grasp the threads at the end of the seam and press the tension release button to pull the project out. Cut the threads off. Pull the deco cover threads through to the wrong side of the fabric and tie off.



Stitch formation

Since deco cover consists of a combination of cover stitch with deco cover threads, we will present suggestions for adjustment with reference to cover-stitch.

5-thread deco-cover, program 24

If all the thread tensions are set correctly, the needle threads (blue and green) are almost invisible on the underside of the fabric. The looper thread (purple) lies slack between them.

The deco cover threads (blue and yellow) are lying slack between the needle threads on the top side of the fabric.



If there are protruding loops in the deco cover threads (blue and yellow).

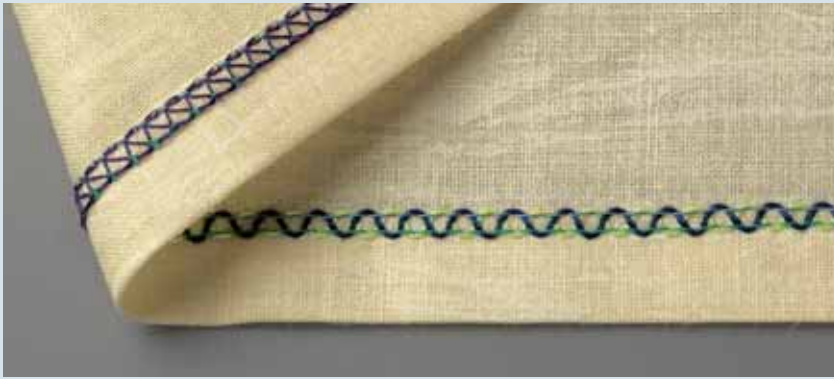
Adjust the yellow and blue thread tensions (45) of the deco cover threads to a higher setting.



If the deco cover threads (blue and yellow) are barely visible.

Adjust the yellow and blue thread tensions (45) of the deco cover threads to a lower setting.





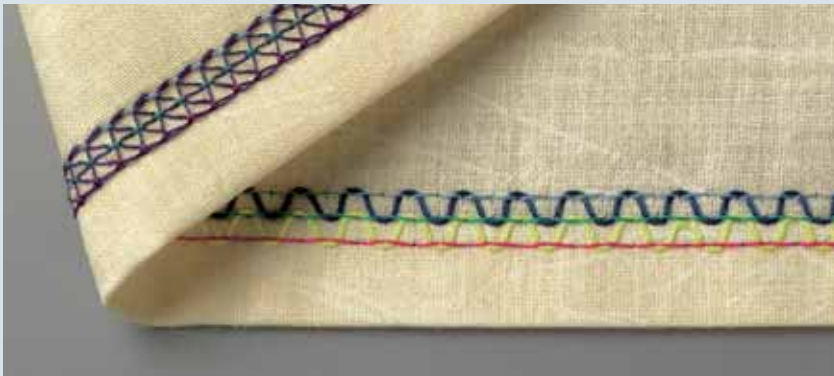
If the needle threads (blue and green) are too loose and form small loops on the underside of the fabric.

Adjust the blue and green needle thread tensions to a higher setting.



If the needle threads (blue and green) are too tight and the fabric is puckering.

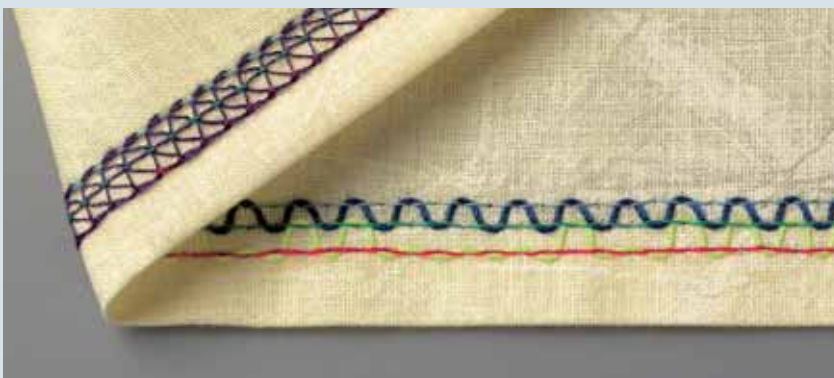
Adjust the green and blue needle thread tensions to a lower setting.



6-thread deco cover, stitch program 25

If all the thread tensions are set correctly, the needle threads (blue, green and red) are almost invisible on the underside of the fabric. The looper thread (purple) lies slack between them.

The deco cover threads (blue and yellow) are lying slack between the needle threads on the top side of the fabric.



If there are protruding loops in the decorative threads (blue and yellow).

Adjust the yellow and blue thread tensions (45) of the deco cover to a higher setting.

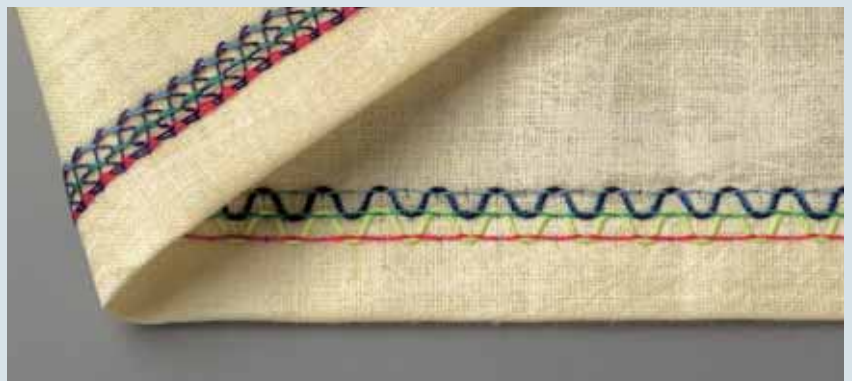
If the deco cover threads (blue and yellow) are barely visible.

Adjust the yellow and blue thread tensions (45) of the deco cover threads to a lower setting.



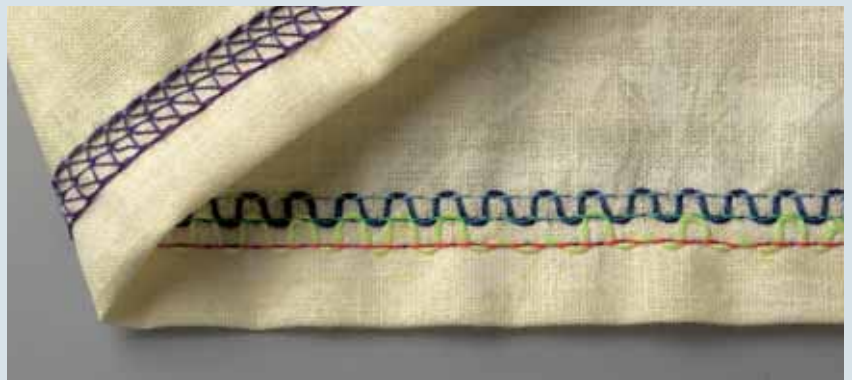
If the needle threads (blue, green and red) are too loose.

Adjust the blue, green and red needle thread tensions to a higher setting.



If the needle threads (blue, green and red) are too tight and the fabric is puckering.

Adjust the blue, green and red needle thread tensions to a lower setting.



The stitch formation adjustments for programs 26, 27 and 29 are based on those for program 25.



6-thread deco cover, stitch program 28

If all the thread tensions are set correctly, the needle threads (blue, green and red) are almost invisible on the underside of the fabric. The looper thread (purple) lies slack between them. The deco cover threads (blue and yellow) are lying slack around the middle needle thread on the top side of the fabric.



There are protruding loops in the deco cover threads (blue and yellow).

Adjust the yellow and blue thread tensions of the deco cover to a higher setting. Or it may be necessary to return both deco cover guides to their initial position. For this purpose, there are two alternatives:

Turn the machine off at the main switch and then turn it back on.

Press the program button + once to advance to the next program menu and then press - button once to return to the selected program.



If the needle threads (blue, green and red) are too loose.

Adjust the blue, green and red needle thread tensions (45) to a higher setting.

The stitch formation adjustments for program 30 are based on those for program 28.



Thread Tension

This chapter includes information on correct thread tensions for all the stitches you can create with your creative 4874. We also provide you with a number of hints on selecting the correct thread.



Correct thread tension

Your 4874 automatically sets the thread tension, stitch length and differential feed for each stitch type. However, the type of fabric, the quality of the thread and the needle size all affect seam formation to some degree, so it may be necessary to adjust the thread tension settings.

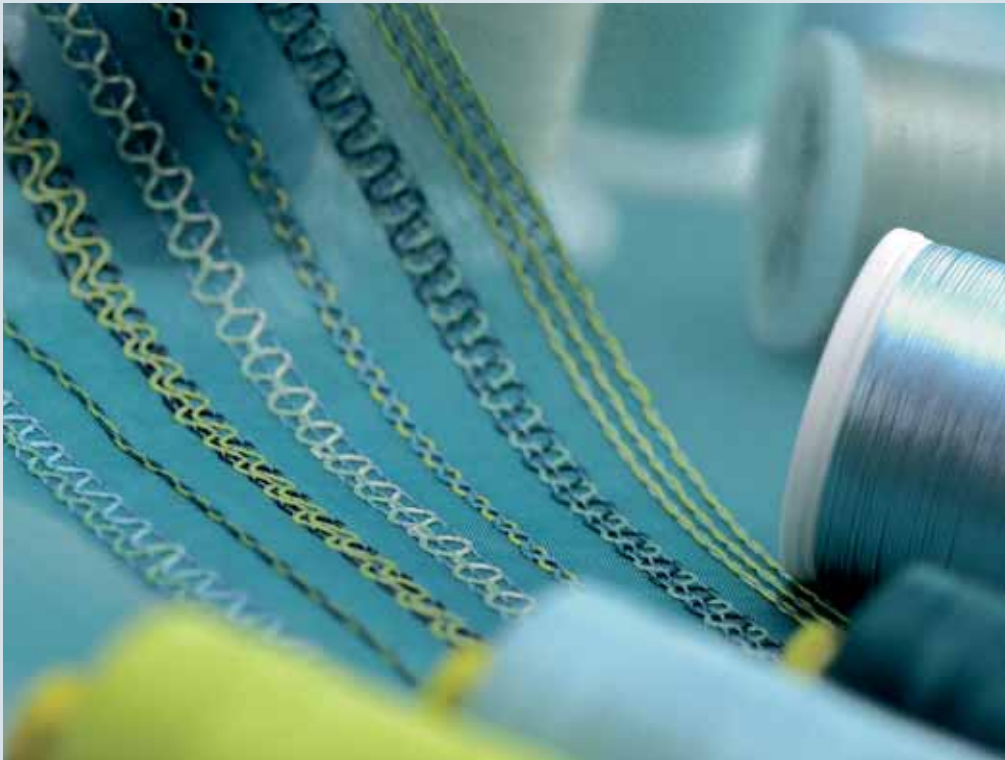
Also check that your 4874 is threaded correctly and the threads are all the way in the tension discs before adjusting the tensions. The stitch length or seam width may need to be adjusted to accommodate the fabric you are sewing.

Note: The thread tensions for the top cover and deco cover threads (42) must be set manually. The settings can be found on the stitch program sticker behind the front cover.

To change the automatic thread tensions, press one of the tension buttons +/-. The program memory will open. Now you can change all your settings using the +/- buttons as you wish. If you press memory selection button P repeatedly you will be returned to the main menu; the changed setting will not be saved. If no changes are made within 10 seconds, the display automatically switches back to the main menu.

You can also save your new tension settings. See chapter 3 for instructions on how to do this.





Correcting stitch formation

In order to be able to check the thread tension better, you should sew a test seam first, which you can then use to check the looping of the threads.

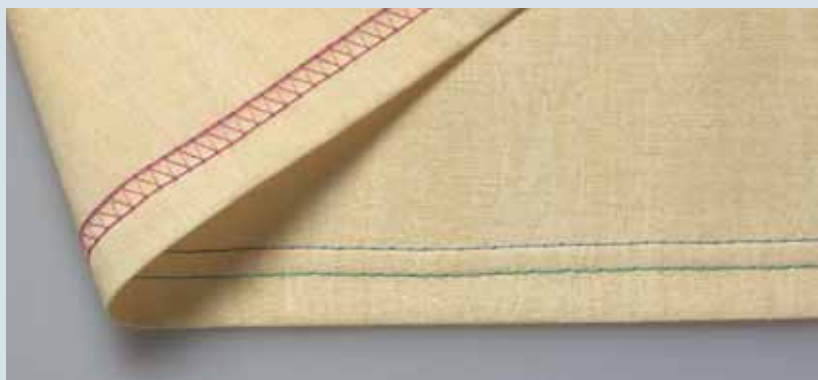
Adjust the thread tension settings as necessary.

Hint: If you use all the threads in the respective thread tension color, you will find it easier to adjust the thread tension. This way, you will be able to distinguish more easily between the individual threads in the stitch.

2-needle cover-stitch, narrow and wide

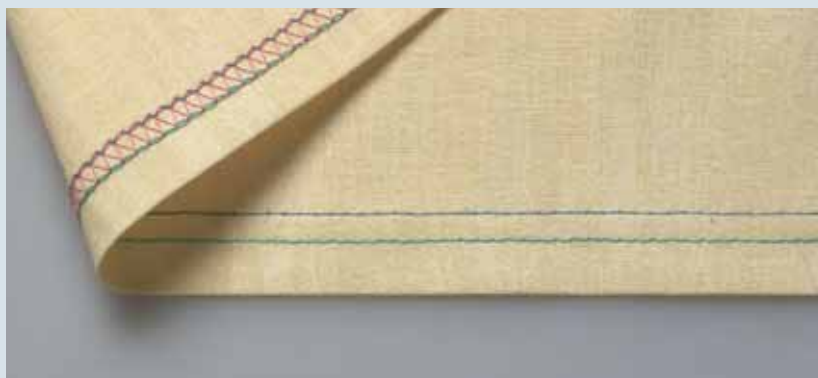
Stitch programs 01, 02

If all the thread tensions are set correctly, the needle threads (blue and green) are barely visible on the underside of the fabric. The looper thread (purple) lies slack between them.



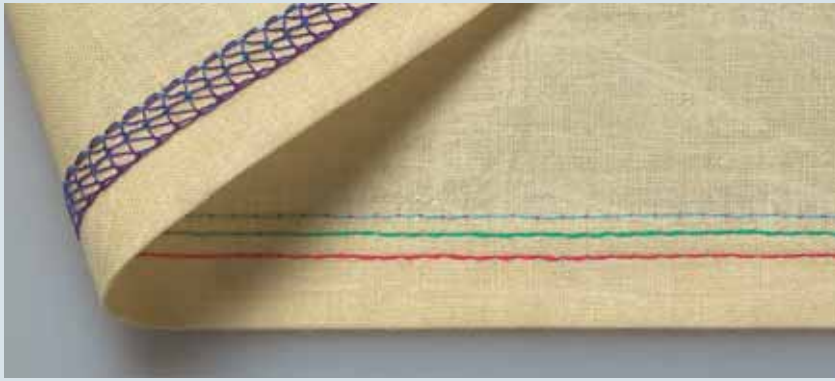
The right needle thread (green) is too loose.

Adjust the green thread tension to a higher setting.



The needle threads (green and blue) are set too tightly causing folds in the fabric. Set the green and blue thread tension to a lower value.

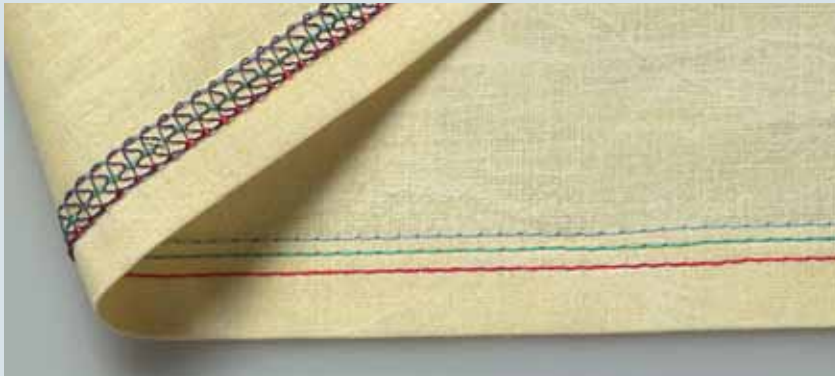




3-needle cover-stitch

Stitch program 03

If all the thread tensions are set correctly, the needle threads (blue, green and red) are barely visible on the underside of the fabric. The looper thread (purple) lies slack between them.



The needle threads (blue, green and red) are too loose.

Adjust the blue, green and red thread tensions to a higher setting.



The needle threads (blue, green and red) are too tight and the fabric is puckering.

Adjust the blue, green and red thread tensions to a lower setting.

5-thread safety seam

Stitch program 20

Since the 5-thread safety seam consists of a combination of a double chain-stitch and a 3-thread overlock stitch, see below and on page 7-8 for suggestions on how to adjust these stitches.



4-thread safety seam

Stitch program 19

Since the 4-thread safety seam consists of a combination of a double chain-stitch and a 2-thread flatlock stitch, see below and on page 7-10 for suggestions on how to adjust these stitches.

Note: Attach the converter to sew the 4-thread safety seam (see page 2-29).



Double chain-stitch

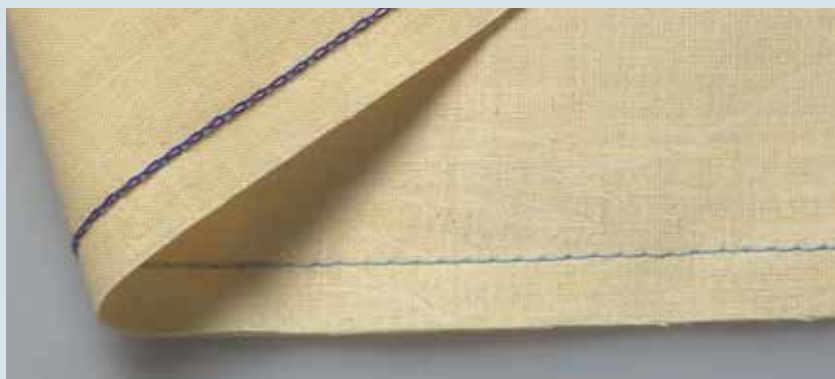
Stitch program 04

If all the thread tensions are set correctly, the needle thread (blue) is hardly visible on the underside of the fabric.



The needle thread (blue) is too loose.

Adjust the blue needle thread tension to a higher setting.



4-thread overlock seam

Stitch program 18

If all the thread tensions are set correctly, the looping of the two looper threads (red and yellow) meet right at the edge of the fabric.



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

Adjust the red thread (upper looper) tension to a higher setting and/or lower the yellow thread (lower looper) tension.

Thread tension setting too low.



The lower looper (yellow) appears on the upper side of the fabric.

Adjust the yellow thread (lower looper (yellow)) tension to a higher setting and/or lower the red thread (upper looper) tension.



The needle threads (blue and green) are too loose, causing large loops of needle thread on the underside of the fabric. Set the blue and green thread tension to a higher value.



3-thread overlock, narrow and wide

Stitch programs 10 and 11

If all the thread tensions are set correctly, the two looper threads (red and yellow) meet right at the edge of the fabric.



The needle thread is too loose.

Adjust the corresponding needle thread tension to a higher setting.



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

Adjust the red thread (upper looper) tension to a higher setting and/or lower the yellow thread (lower looper) tension.



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

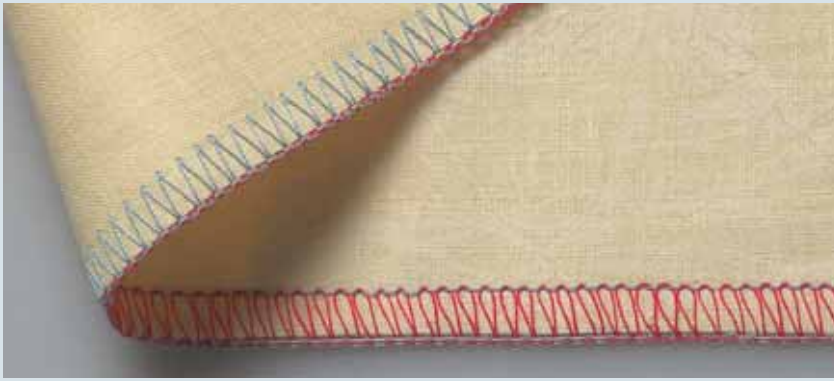
Adjust the yellow thread (lower looper) tension to a higher setting and/or lower the red thread (upper looper) tension.



3-thread flatlock, narrow and wide

Stitch programs 13 and 14

If all thread tensions are set correctly, thread looping is right at the edge of the fabric. The upper looper (red) and the needle (blue) meet at the edge of the material. The lower looper (yellow) also is at the edge as a straight piece of thread along the edge.



The needle thread does not go all the way to the fabric edge (too tight).

Adjust the needle thread tension (blue) to a lower setting and/or the lower looper thread (yellow) to a higher setting.



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

Adjust the red thread tension to a higher setting and/or the needle thread (blue) to a lower setting.



2-thread flatlock, narrow and wide

Stitch programs 05 and 06

If all the thread tensions are set correctly, the looper and needle threads will meet on the edge of the fabric.

Note: To sew the 2-thread flatlock attach the converter as described on page 2-29.

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

Adjust the corresponding needle thread tension to a higher setting and/or change the yellow thread tension to a lower setting.

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

Adjust the yellow thread tension to a higher setting and/or change the corresponding needle thread tension to a lower setting.



3-thread flat hem

Stitch program 16

If all thread tensions are set correctly, the upper and lower looper threads meet right at the edge of the fabric.



The needle thread (green) is too loose.

Adjust the green needle thread tension to a higher setting.



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

Adjust the red thread (upper looper (red)) tension to a higher setting and/or lower the yellow thread (lower looper (yellow)) tension.



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

Adjust the yellow thread (lower looper (yellow)) tension to a higher setting and/or lower the red thread (upper looper (red)) tension.



3-thread fold, rolled hem

Program 17

If all the thread tensions are set correctly, the upper looper thread (red) loops completely around the edge of the fabric.



The needle thread (green) is too loose.
Adjust the green thread tension to a higher setting.



The upper looper thread (red) only partially loops round the edge of the fabric.

Adjust the red thread tension to a lower setting and/or change the yellow thread tension to a higher setting.



The lower looper (yellow) appears on the upper side of the fabric.

Adjust the yellow thread tension to a higher setting and/or change the red thread tension to a lower setting.



2-thread flat hem

Stitch program 08

If all thread tensions are set correctly, the needle thread (green) and lower looper threads meet at the edge of the fabric.

Note: To sew the 2-thread flat hem attach the converter as described on page 2-29.



The needle thread (green) is too loose.

Adjust the green thread tension to a higher setting and/or the yellow thread tension to a lower setting.



2-thread fold, rolled hem

Stitch program 09

If all the thread tensions are set correctly, the lower looper thread (yellow) completely covers the edge of the fabric.

Note: To sew the 2-thread fold, rolled hem attach the converter as described on page 2-29.



The needle thread (green) is too loose.

Adjust the green thread tension to a higher setting and/or the yellow the thread tension lower.



The lower looper thread (yellow) is too loose.

Adjust the yellow thread tension to a higher setting.



2-needle, 3-thread overedge seam

Stitch program 15

If all the thread tensions are set correctly, the yellow lower looper thread loops completely round the edge of the fabric.

Note: To sew the 2-needle , 3-thread overedge seam attach the converter as described on page 2-29.



The left needle thread (blue) is too loose.

Adjust the blue needle thread tension to a higher setting.



The lower looper thread (yellow) is too tight.

Adjust the yellow thread tension to a lower setting.



Stitch formation

We show adjustment options that predominantly refer to the cover-stitch, since the top cover-stitch consists of a combination of cover-stitch with top cover thread.

3-needle top cover

Stitch program 23

If all the thread tensions are set correctly, the needle threads (blue, green and red) are barely visible on the underside of the fabric. The looper thread (purple) lies slack between them.

The top cover thread (blue) lies slack between the needle threads on the top side of the fabric.



If there are protruding loops in the top cover thread (blue), adjust the blue thread tension (45) of the top cover to a higher setting.



The needle threads (blue, green and red) are too loose and form small loops on the underside of the fabric.

Adjust the blue, green and red thread tensions to a higher setting.



2-needle top cover-stitch, narrow and wide Stitch programs 21, 22

If all the thread tensions are set correctly, the needle threads (blue and green) are barely visible on the underside of the fabric. The looper thread (purple) lies slack between them.

The top cover thread (blue) lies slack between the needle threads on the top side of the fabric.

If there are protruding loops in the top cover thread (blue), adjust the blue thread tension (45) of the top cover to a higher setting.

If the top cover thread is barely visible, adjust the blue thread tension (45) of the top cover to a lower setting.

The right needle thread (green) is too loose.

Adjust the green thread tension to a higher setting.

Stitch formation

Since deco cover consists of a combination of cover stitch with deco cover threads, we offer suggestions for adjustments with reference to cover-stitch.

5-thread deco-cover

Stitch program 24

If all the thread tensions are set correctly, the needle threads (blue and green) are barely visible on the underside of the fabric. The looper thread (purple) lies slack between them.

The deco cover threads (blue and yellow) are lying slack between the needle threads on the top side of the fabric.



If there are protruding loops in the deco cover threads (blue and yellow), adjust the yellow and blue thread tensions (45) of the deco cover threads to a higher setting.





If the deco cover threads (blue and yellow) are barely visible, adjust the yellow and blue thread tensions (45) of the deco cover threads to a lower setting.



If the needle threads (blue and green) are too loose and form small loops on the underside of the fabric, adjust the blue and green needle thread tensions to a higher setting.



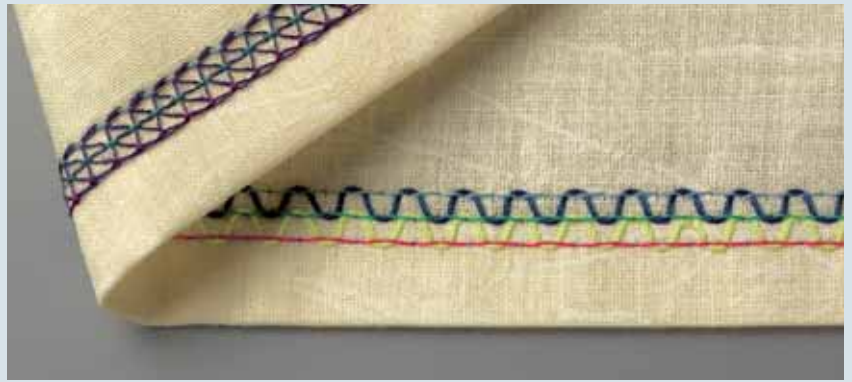
If the needle threads (blue and green) are too tight and the fabric is puckering, adjust the green and blue needle thread tensions to a lower setting.

6-thread deco cover

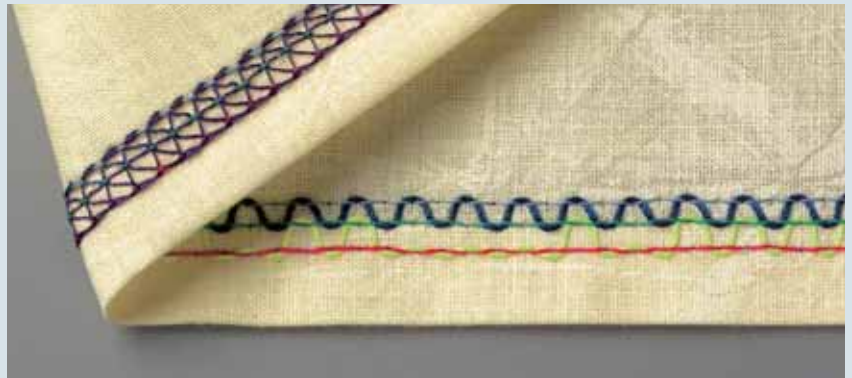
Stitch program 25

If all the thread tensions are set correctly, the needle threads (blue, green and red) are barely visible on the underside of the fabric. The looper thread (purple) lies slack between them.

The deco cover threads (blue and yellow) are lying slack between the needle threads on the top side of the fabric.



If there are protruding loops in the deco cover threads (blue and yellow), adjust the yellow and blue thread tensions of the deco cover threads to a higher setting.

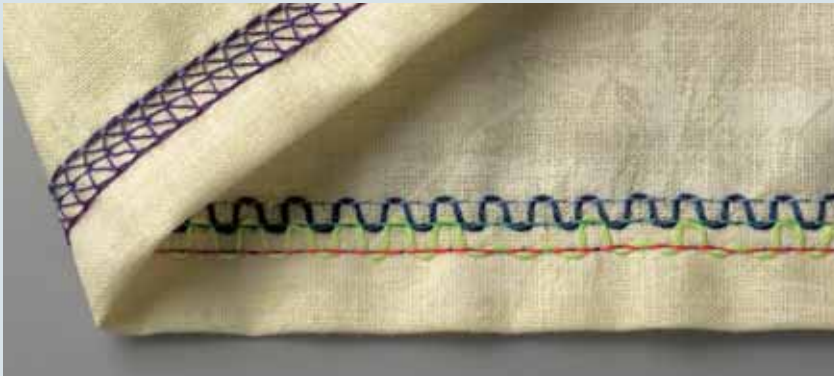


If the deco cover threads (blue and yellow) are barely visible, adjust the yellow and blue thread tensions of the deco cover threads to a lower setting.





If the needle threads (blue, green and red) are too loose, adjust the blue, green and red thread tensions to a higher setting.



If the needle threads (blue, green and red) are too tight and the fabric is puckering, adjust the blue, green and red needle thread tensions to a lower setting.

Note: The stitch formation adjustments for programs 26, 27 and 29 are based on those for program 25.

6-thread deco cover Stitch program 28

If all the thread tensions are set correctly, the needle threads (blue, green and red) are barely visible on the underside of the fabric. The looper thread (purple) lies slack between them.

The deco cover threads (blue and yellow) are lying slack around the middle needle thread on the top side of the fabric.



If there are protruding loops in the deco cover threads (blue and yellow), adjust the yellow and blue thread tensions of the deco cover to a higher setting. Or it may be necessary to return both deco cover guides to their initial position. For this purpose, there are two alternatives:

Turn the machine off at the main switch and then turn it back on.

Press the program button + once to advance to the next program menu and then press - button once to return to the selected program.



If the needle threads (blue, green and red) are too loose, adjust the blue, green and red needle thread tensions to a higher setting.



When buying sewing threads, you should bear in mind that your creative 4874 uses considerably more than a conventional sewing machine, so you will need to buy correspondingly larger units of thread.

Overlock thread is available in cones (2,000-5,000 m) or mini-kingspools (1,000 m) in a wide range of colors. Of course you can also use standard all-purpose threads.

To prevent overlock seams from expanding excessively, we recommend an overlock thread made from 100% polyester, gauge No. 120.

Textured thread can be used as a looper thread and results in soft and non-bulky seams. Textured threads are particularly suitable for use in sewing rolled hems.

Thread table for 2-, 3-, and 4-thread overlock seams

Fabric	Thread	Stitch length
Light fabrics:		
Organdy, Fine knit	Cotton No. 50-70	2.0-4.0 mm
Taffeta, silk	Synthetic thread No. 70-140	
Lining fabrics		
Medium-weight fabrics:		
Cotton, jersey	Cotton No. 40-60	2.0-4.0 mm
Linen, dress fabrics	Synthetic thread No. 70-140	
Heavy fabrics:		
Tweed, jacket fabric,	Cotton No. 40-60	2.0-4.0 mm
Denim, heavy cloth	Synthetic thread No. 70-140	
Knitted goods.	Cotton No. 40-60 mm	2.0-4.0 mm
	Synthetic thread No. 70-140	
2- or 3-thread rolled hem	Polyester thread No. 120-140	1.0-2.0 mm
	Textured thread	

For the top and deco cover stitches many decorative threads can be used. Try heavier and/or textured threads especially for the deco stitches in the decorative loopers.

Test sew with the thread and fabric you will be using. Adjust tensions as necessary (see pages 7-16 - 7-21). Remember some threads will work better than others.



Accessories

This chapter includes a list of all standard and special presser feet available for use with your creative 4874.

Standard accessories

The following accessories are included in the accessory box:

Standard presser foot (on the machine)

Part No.: 29 924 993-81/783



Clearview foot F

Part No.: 29 924 993-81/744

1. Overlock needle system
EL X 705, Cat. No. 2002
Part No.: 48 086 004 31 000

2. Thread nets (10X)
Part No.: 29 924 993-81/299

3. Detachable thread guide
Part No.: 29 924 993-81/445

4. Needle threader
Part No.: 98 200 255-10/100

5. Screwdriver
Part No.: 91 029 480-91/000

6. Needle changing tool
Part No.: 29 924 993-81/311



1. Edge guide
Part No.: 29 924 993-81/792

2. Spare upper knife
Part No.: 29 924 993-81/668

3. Spanner
Part No.: 7 433 000 12 000

4. Machine oil
Part No.: 93 035 910-91/000

5. Lint brush
Part No.: 29 924 993-81/432



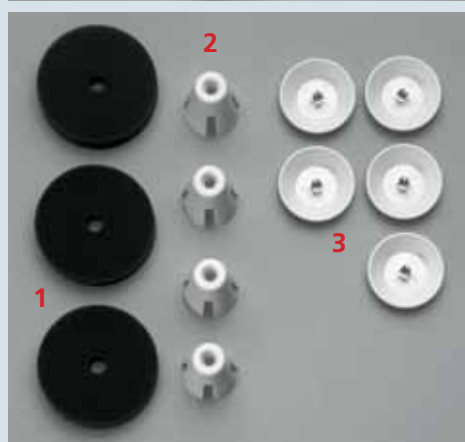
The following accessories are included behind the swivelling table (21) in the machine:

1. Converter
Part No.: 29 924 993-81/491
2. Tweezers
Part No.: 29 924 993 71 012
3. Allen keys
Part No.: 29 924 993-81/450



The following accessories are shipped with the machine:

1. Accessory box
Part. No.: 29 924 993-81/716
2. Trim catcher
Part No.: 29 924 993-81/111
3. Sewing table
Part No.: 29 924 993-81/120



1. 10 x Foam pad
Part No.: 29 924 993-81/708
2. 10 x Cone holder (on the spool pins)
Part No.: 29 924 993-81/416
3. 10 x Thread run-off disc
Part No.: 29 924 993-81/426

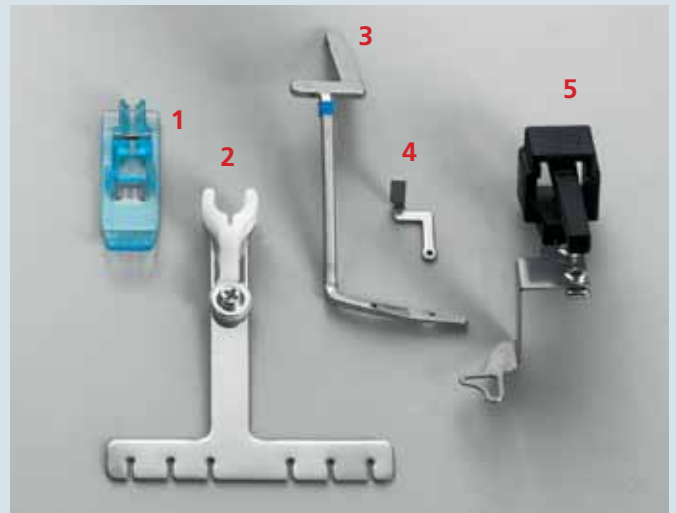


- 1 Foot control
Part No.: 29 924 993-81/718
- 2 Power cable 230 V or 120 V
Part No.: 230 V 29 924 993-81/486
Part No.: 120 V 70 332 772 14 000
- 3 Machine cover
Part No.: 29 924 993-81/255

Operating instructions
Part. No.: see rear cover

The following accessories are stored in the trim catcher:

1. Clearview foot R (may be included in the accessories box)
Part No.: 29-924993-83/073
2. Top/deco cover detachable thread guide (may be included in the accessories box)
Part No.: 29-924993-83/120
3. Top cover hook
Part. No.: 29-924993-83/061
4. Top cover round thread guide
Part No.: 29-924993-83/054
5. Top cover triangle thread guide
Part No.: 29-924993-83/121
6. Blue decorative thread guide
Part No.: 29-924993-83/060
7. Yellow decorative thread guide
Part No.: 29-924993-83/059



Special accessories

A wide range of accessories is available for use with the creative 4874. Ask your Pfaff dealer for full information.

Accessory	Part No.	Sewing work
Multi-purpose foot M	29 924 993 82-002	Foot to which guides H1, H2 and H3 can be attached.
Lace and braiding guide H1	29 924 993 82-003	Guide for applying lace or braiding (to the reverse side of the fabric).
Hemmer guide H2	29 924 993 82-001	Guide for hemming borders.
Bias-tape guide H3	29 924 993 82-004	Guide for applying bias tape as edging
Clearview foot N	29 924 993 82-006	Presser foot with groove. Can be used together with guide N1.
Bridging guide F2	29 924 993 82-008	Guide for joining two pieces of fabric with consistent clearance. Use clearview foot F from the accessories box.
Lace guide F3	29 924 993 82-005	Guide for applying lace (on the upper side of the fabric). Use clearview foot F from the accessories box.
Flat-felled-seam guide F4	29 924 993 82-009	Guide for sewing flat-felled seams. Use clearview foot F from the accessories box.
Fancy-stitch guide N1	29 924 993 82-007	For stitching with double chain-stitch or 3-thread overedge seam and for decorative effects.
Cording foot K	29 924 993 82-011	For serging cording with cording tongue K1 and guide K2.
Cording tongue K1	29 924 993 82-012	For serging pintucks.
Cording guide K2	29 924 993 82-010	For serging cording with gimp thread
Strap and belt loop foot L	29 924 993 82-013	For sewing belt loops and straps, as well as for ornamentation.
Universal tape binder	29 924 993 82-014	For binding fabric edges with bias tape of various widths.
Beading foot P	29 924 993 82-015	For sewing on beads.
Beading needle plate P	29 924 993 82-016	With beading stitch plate P and beading foot P strings of beads can be sewn on in a single operation while sewing rolled seams.
Multi-purpose foot C	29 924 993 82-017	For sewing on ribbons and elastic in conjunction with the various elastic inserts.

Accessory	Part No.	Sewing work
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.
Shirring/Gathering foot G	29 924 993 82-018	For simultaneous gathering and sewing together two layers of fabric.
Blind hem foot D	29 924 993 82-019	For sewing invisible hems and decorative hems.
Band and braiding foot Q	29 924 993 82-020	For sewing on bands and braiding. Together with K2, the gimp, interwoven threads, bead strings or ribbons can be oversewn with decorative threads.
Accessories holder	29 924 993 82-021	Holder on which the following accessories are attached with the locking screw and also in some cases the swivelling arm
Retaining screw	29 924 993 82-023	For attaching the following accessories to the accessories holder.
Edge guide with units of measurement	29 924 993 82-022	For guiding the fabric border and simultaneous measurement of the width of the cut seam (use the machine's standard presser foot).
Shirring/Gathering tongue	29 924 993 82-027	For simultaneous shirring/gathering and joining two layers of fabric (use the machine's standard presser foot).
Tape binder 40 mm	29 924 993 82-031	For binding fabric edges with 40 mm tape. Binding width 10 to 12 mm (use the machine's standard presser foot).
Swivelling arm	29 924 993 82-024	For attaching the following accessories to the accessories holder.
Curved seam guide	29 924 993 82-025	For joining a rounded piece of fabric to a straight piece (use the machine's standard presser foot).
Piping and welting foot E	29 924 993 82-028	For guiding and inserting piping and welting.
Piping and welting attachment	29 924 993 82-030	For binding together with piping foot E, guiding piping and gimp between two layers of fabrics.

Care of the machine

This chapter includes all the information you need for care and maintenance of your creative 4874 and suggestions for solving certain problems.

**WARNING!**

For your safety when taking care of your machine, always turn off the power switch and unplug the sewing machine from the electrical outlet.

Note: Remove the threads before changing the needle plate.

Removing the needle plate



Turn off the power switch

Raise the presser foot and bring the needles to their highest position. Remove the presser foot and open the swivelling table. Press the needle plate disconnection lever (38) downward. The needle plate can be removed to the left.



Placing the needle plate

Put on the needle plate in the back first on to the guide pin A and press the needle plate downward in the front until it snaps in place.



Cleaning of the machine



Turn off the power switch

Remove the top cover hook or decorative thread guides.

Remove the trim catcher, open the front cover and the swivel table. Disengage the upper knife. Remove the presser foot and the needle plate.

With the lint brush provided in the accessory box, remove lint from the upper and lower knives, the differential feed and the looper area.

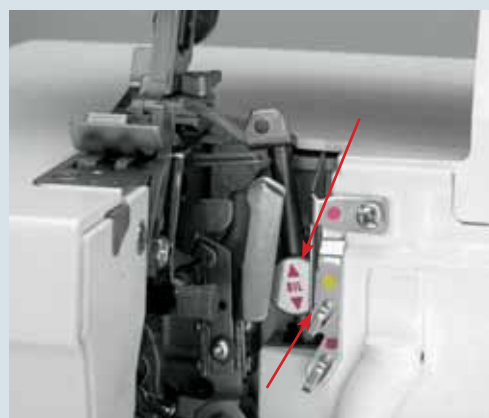


Oiling the machine



Turn off the power switch

Bring the upper looper to its highest position by turning the hand wheel. After every cleaning of the machine, oil the points shown with the oil included in the accessories. One or two drops of PFAFF sewing machine oil are sufficient. All other parts are made from special materials and do not need to be oiled.





Cleaning rubber feet

Clean the rubber feet of the machine with methyl alcohol from time to time. This will ensure that the machine will not move on the surface on which it is standing.



Replacing the upper knife



Turn off the power switch

Removal:

Set the seam width adjustment knob to 3.5 mm and secure the upper knife in place. Loosen screw A with the spanner from the accessory box and remove the upper knife.



Insertion:

Insert the new upper knife and tighten screw A very slightly. Turn the hand wheel until the upper knife is in its lowest position.



In this position, the front edge of the upper knife must be 0.5 to 1.0 mm below the cutting edge of the lower fixed knife. When you have adjusted the upper knife precisely, you can tighten retaining screw A fully.

Loosen the screw to the upper knife.

Visit your local Pfaff dealer for precise adjustment.

Note: If the upper knife is tightened, the seam width cannot be altered.

Tighten the upper knife



Turn off the power switch

Before sewing particularly heavy fabrics, it is advisable to tighten the upper knife (35). Raise the needle(s) to its/their highest position and open the swivelling table. Tighten the screw A fully with the allen key. When you have finished sewing heavy fabrics, you must always slightly loosen this screw again.



Changing the light bulb

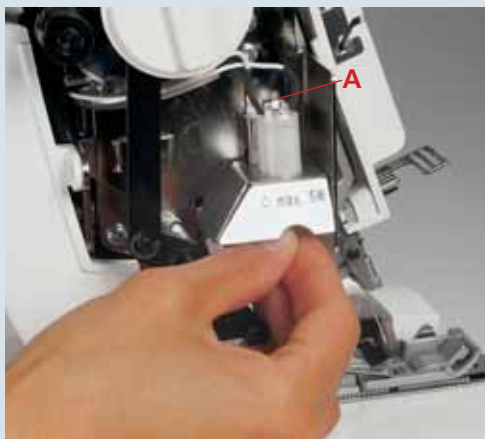


Turn off the power switch

Remove the detachable thread stand (27). Use the screwdriver from the accessories box to remove the screw for the sewing light cover (25). Remove the sewing light cover.



Push the bulb as far as it will go into the socket. This will force pin A slightly upwards. Twist the bulb half a turn in counterclockwise direction and pull it out.



Insert the new bulb (no more than 12V, max. 5W) in the socket and twist in clockwise direction until it is fully seated.

Replace the sewing light cover and tighten the screw.



What happens if...?

This chapter includes some suggested solutions if certain problems arise with your creative 4874. Of course your Pfaff dealer will always be available to provide more information and assistance

Problem	Cause	Remedy
Needle breaks	The needle is bent or the tip is damaged.	Replace the needle (see page 2-9).
	The needle has not been fully inserted	Insert the needle fully and correctly (see page 2-9).
	The fabric was pulled out too sharply	Do not pull fabric while sewing.
Thread breaks	Threading is incorrect	Thread correctly.
	The thread will not feed	Check whether the thread on the thread stand etc. is jammed.
	Thread tension is too tight	Correct thread tensions (see chapter 7).
	The needle has not been fully inserted	Insert the needle fully and correctly (see page 2-9).
	Wrong needle used	Use needle system EL X 705.
Stitches skipped	The needle is bent or the tip is damaged	Insert new needle.
	The needle has not been fully inserted	Insert the needle fully and correctly (see page 2-9).
	Wrong needle used	Use needle system EL X 705.
	Threaded incorrectly	Thread correctly.
Stitches not properly formed	Thread tension set incorrectly	Reset thread tension (see chapter 7).
The seam track of the 3- or 4-thread overlock seam is irregular, so that the upper looper is not supplied with thread.	The converter is attached	The converter must be removed (see page 2-29).
The machine does not operate even though the power switch is on.	The power has been cut off	Close the front cover or swivel table.
	The top/deco switch lever is not in the correct position	Move the top/deco switch lever to the correct position (see page 5-3).
The fabric is not being cut cleanly.	Lint between the upper and lower knives	Clean knives.
	The upper knife is blunt	Replace the upper knife (see page 9-3).

Problem	Cause	Remedy
Seam puckers	Thread tension is too tight	Reduce thread tension.
	The differential feed is set incorrectly	Adjust differential feed (see page 2-34).
	The thread has jammed because of incorrect threading	Thread correctly.
Fabric is not being fed evenly	The stitch length is too short	Increase stitch length (see page 3-4).
	The presser foot pressure is too low for heavy fabric	Increase presser foot pressure (see page 2-25).
	The presser foot pressure is too high for light fabric	Reduce presser foot pressure (see page 2-25).



Technical specification

Maximum sewing speed	1500 stitches/min.
Seam width	1,4 mm - 9,0 mm
Cover stitch width	2,5 mm, 5,0 mm
Stitch length	0,5 mm - 4,0 mm
Presser foot	exchangeable
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, 5, 6, 8, 10
Dimensions (width x height x depth)	355 x 290 x 300
Weight	10,5 kg

Packing contents

- 1 machine
- 1 detachable thread stand
- 1 foot control
- 1 power cable
- 1 instruction manual/guarantee card
- 1 trimming waste box
- 1 machine cover
- 1 accessory box
- 1 sewing table

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.

