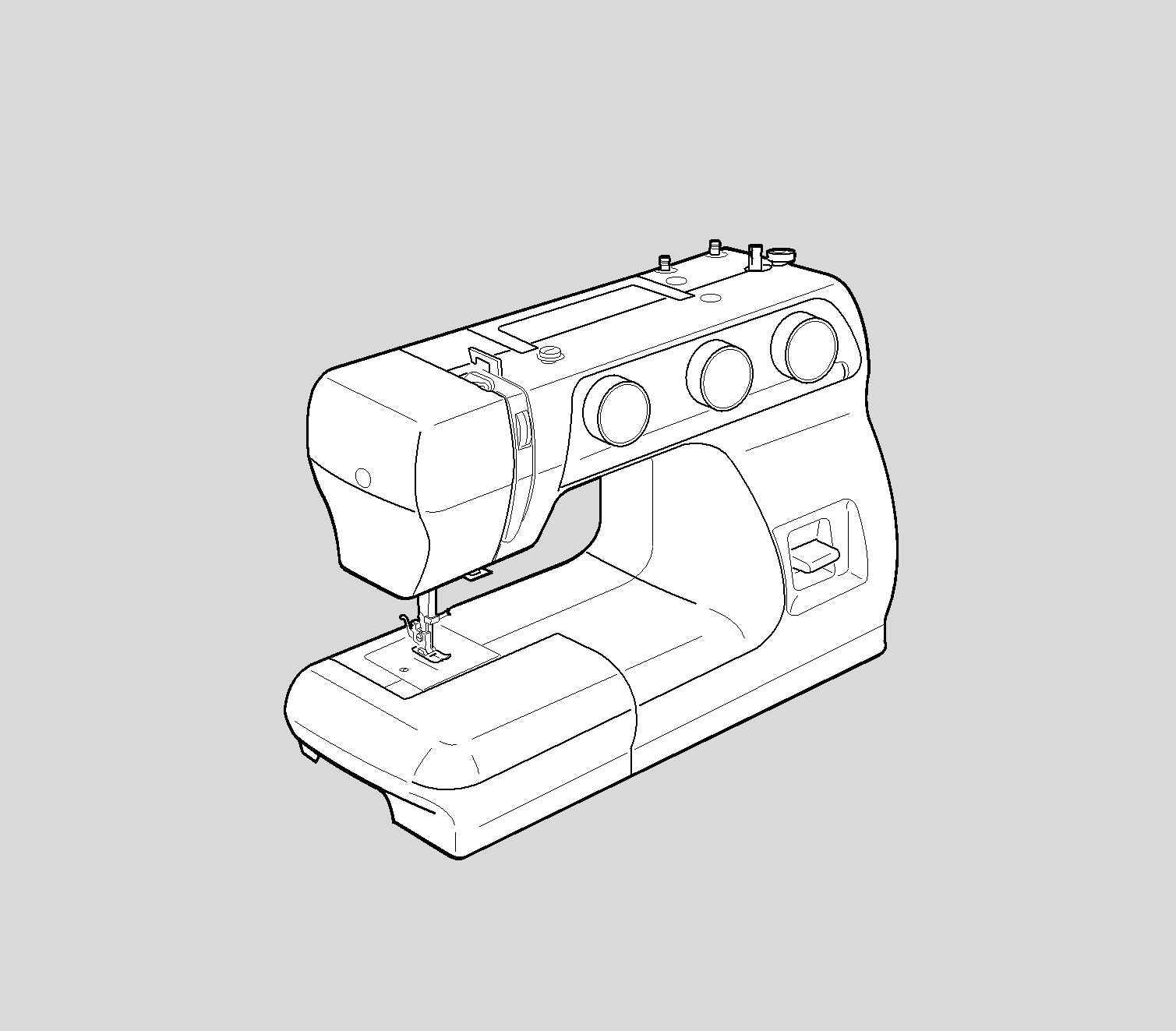


**We write WERTARBEIT great!**

Sewing Machine W6 N 1235-61



instructions

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N1235-61-120201

**Dear Customer,**

Thanks for your purchase. To ensure that your Operation is easy for, we have a ausführliche instructions enclosed. Please read these instructions before commissioning carefully and you also observe the listed safety instructions.

We hope you enjoy your new Device.

Your W6 VALUE WORK

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**safety instructions**



Please observe the following safety instructions:

1. Let special care while sewing because of the reciprocating needle wal-th, you are constantly watching the sewing at sewing and touch while sewing no parts that move.
2. Keep children away from the machine.
3. Use only original accessories.

**Important instructions**

For a long life Note:

1. Do not use or store the machine in places where they nenlicht Son-direct, moisture or high humidity is exposed. Make sure that the machine is not standing next to radiators or other heat sources.
2. To clean the housing only dry or a wet cloth, never cleaning agents such as benzene or thinner.
3. Stop the machine in high-shock.
4. This machine makes it suitable not intended for commercial use.
5. Maintenance work on leaving the machine in or removing Cover-gen, changing the needle, bobbin or lamp must be the machine by pulling the plug out of the socket disconnected. Do not place any counter-stands on the foot control.
6. Do not use the machine if the machine or electrical components are damaged.

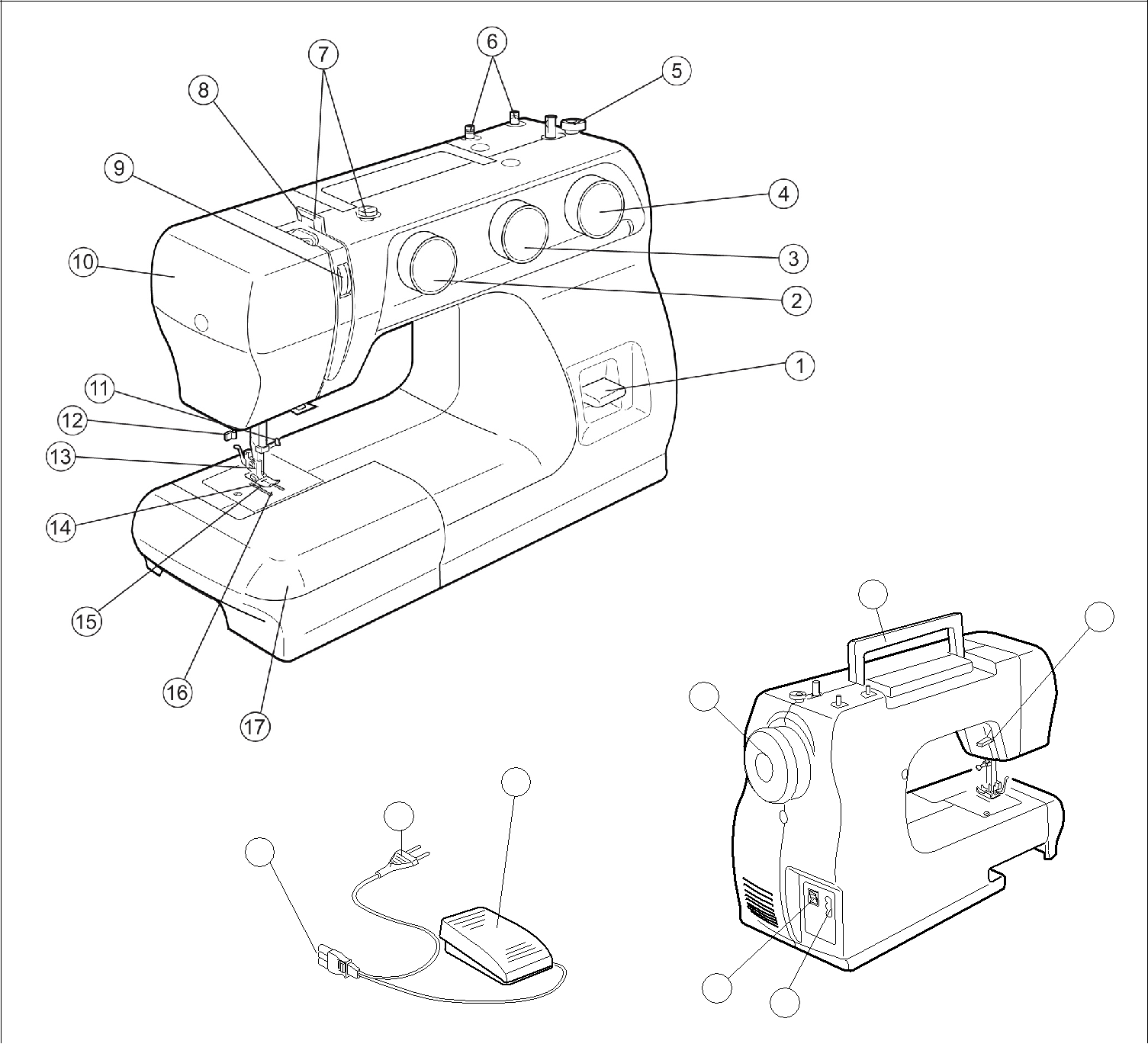
Have it repaired your device's Technical Services Department.

1. Only light bulbs 230V, 15W BA USAGE-to.
2. Always keep the foot control free from dust and threads.

The CE mark confirms that this device complies with the basic requirements of relevant European directives.

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**Learn your machine know**

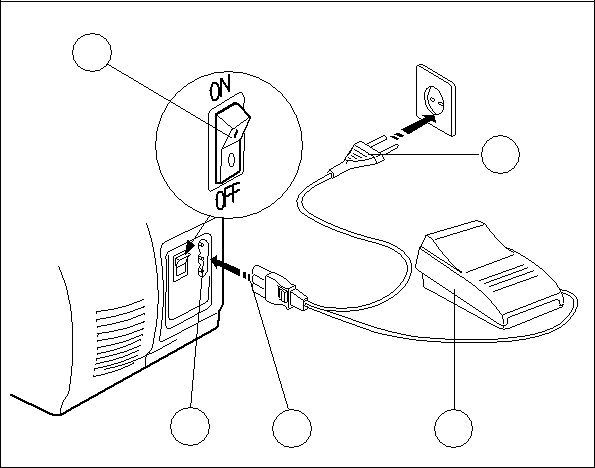


|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |
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| 6 | | spool pins | 19 | power plug | |  |
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| 8 | | up lever | 21 | presser foot | |  |
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| 10 | | head cover | 23 | handwheel |  |  |
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**Learn your machine know**



Network and foot control socket power switch

Network and foot control plug Foot control

power plug



**Network switches and connectors**

The power and foot control plug into the this-owned power and foot control connector-jack plug.

Plug the power cord directly into an unrestricted outlet. Do not use extension cords.

Important: the power switch must be switched off ( "0").

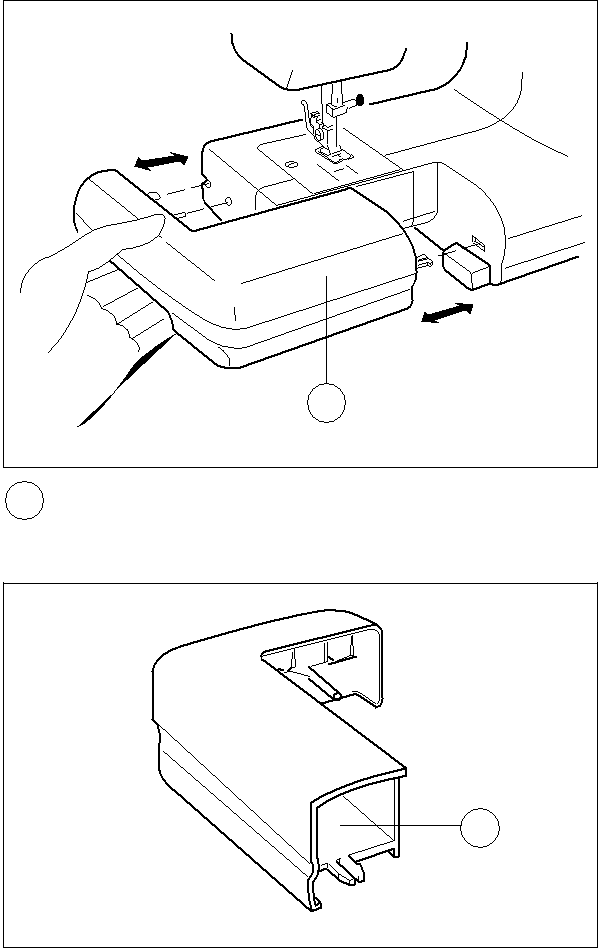
Remove the possibly existing oil film on the needle plate before the first start.

**Attention**

The sewing machine with the power switch off ( "0") and unplug the power cord from the wall outlet when

* the sewing machine is not in use,
* Maintenance is performed,
* occurs during the use of a power outage
* when replacing the light bulb
* during storms

Extension table



**Extension table with accessory compartment**

The extension table can be laterally-take.

**accessory compartment**

In the extension table is an accessory compartment is supplied with the standard accessories.

To avoid damage, only the supplied with the machine accessories may be used.

The accessories always retain-in the supplied pouch.

Suitable for this machine are located in the accessory compartment CB hook coils. Only they are used.

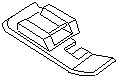
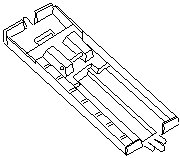
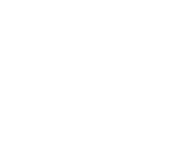
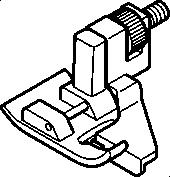


Accessory compartment in extension table

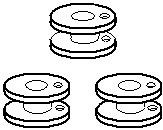
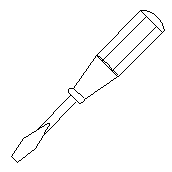
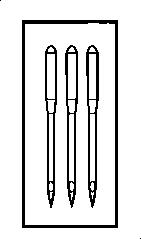


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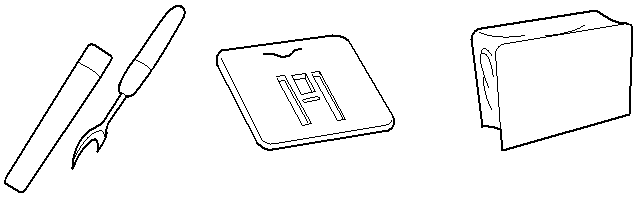
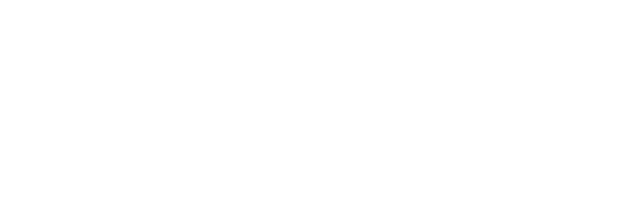
**Standard accessories**



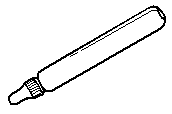
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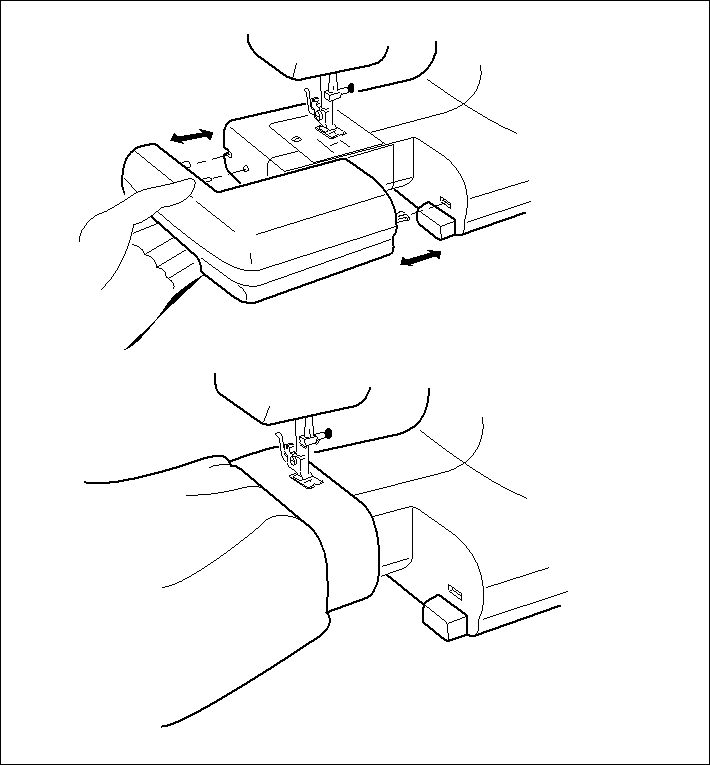
4 5 6



|  |  |  |
| --- | --- | --- |
| 7 | 8 | 9 |
| 10 |  |  |



**sewing Free arm**



**Other standard accessories**



1. sided zipper
2. Blindhem
3. buttonhole foot
4. CB hook coils
5. needle assortment
6. screwdriver
7. separating knife
8. carrier cover
9. cover
10. oil bottle

**Sewing with free arm**

The free-arm sewing is particularly suitable for sewing tubular parts such as pants-line or cuffs.

To do so, must the extension table taken.

|  |  |
| --- | --- |
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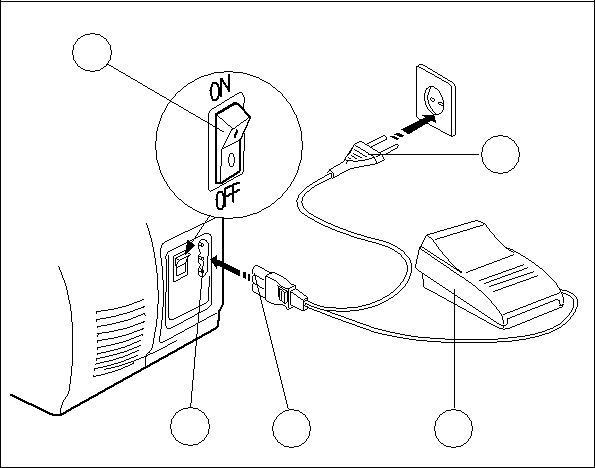
**Connecting the sewing machine**

**Caution**



* Only a freely accessible outlet can be used as a power source.
* Turn off the machine in the following situations at the power switch and remove the plug from the socket:
  + when the machine is left unattended.
  + when a power failure occurs during the use of
  + during storms
* Never pull the plug with wet hands from the wall socket.
* Before the system is disconnected from the wall outlet until the machine with the power switch-off ( "0"). Pulling on the cord may cause damage and should always be omitted.
* The power cable may be damaged in no way, be pulled or twisted violently bent. In addition, heavy objects are placed on the cable or the cable to high temperatures.

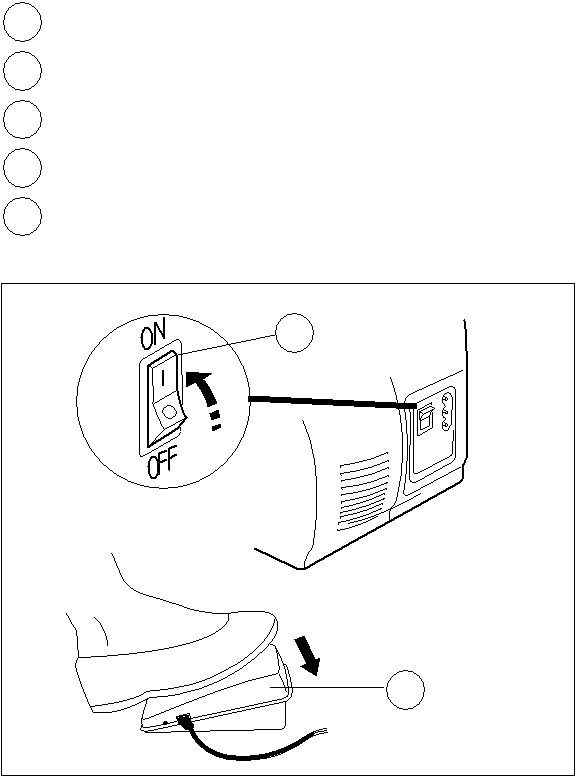
Any damage to the cord or plug, the machine unplug it and contact customer service immediately.



Network and foot control socket power switch

Network and foot control plug Foot control

power plug



Power switch position foot control



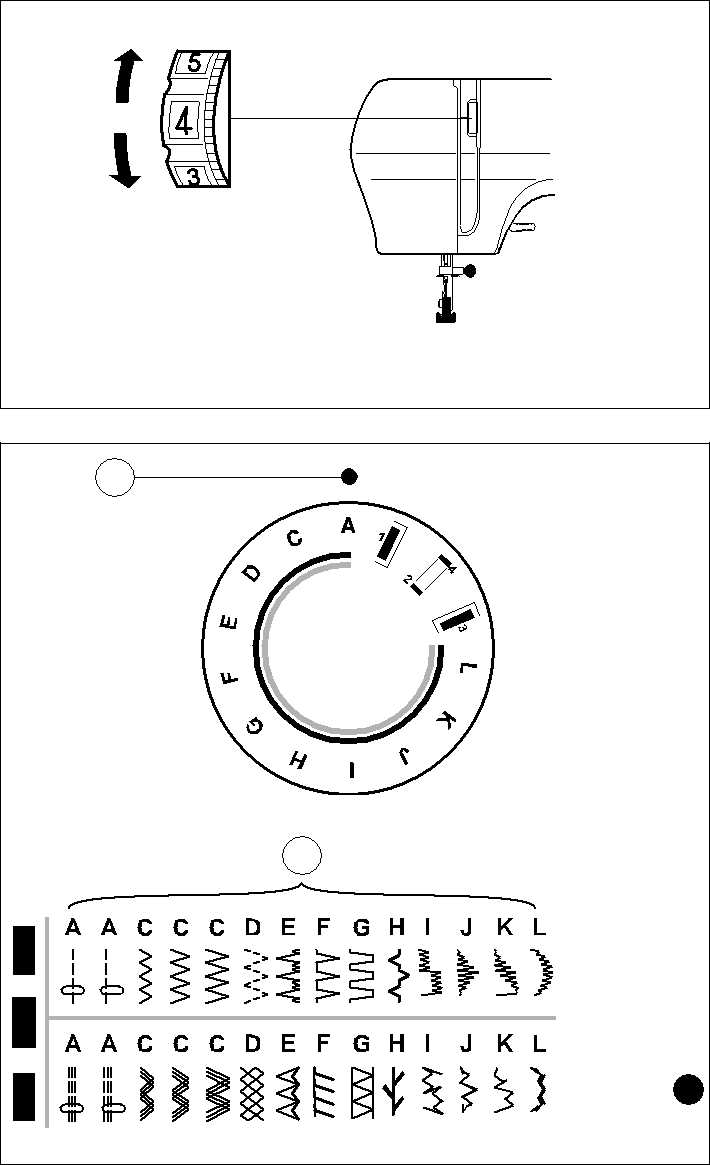
1. insert the plug into the socket and the mains and the foot control plug into the socket associated with the machine.
2. Turn on the sewing machine with the power switch, ie the switch to the position " **I** "(ON).

Using the power button, the lighting is switched on and off. If the built-in lighting when you turn the not sewing machine light, it must be renewed to-continuous. Good light is a prerequisite for safe operation.

1. To start sewing, slowly press the foot control.
2. The deeper the foot control is pressed, the faster the machine sews.
3. Release the foot control to stop sewing.
4. Around the machine off again, the power switch on " **0** "(OFF).

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**controls**



Upper

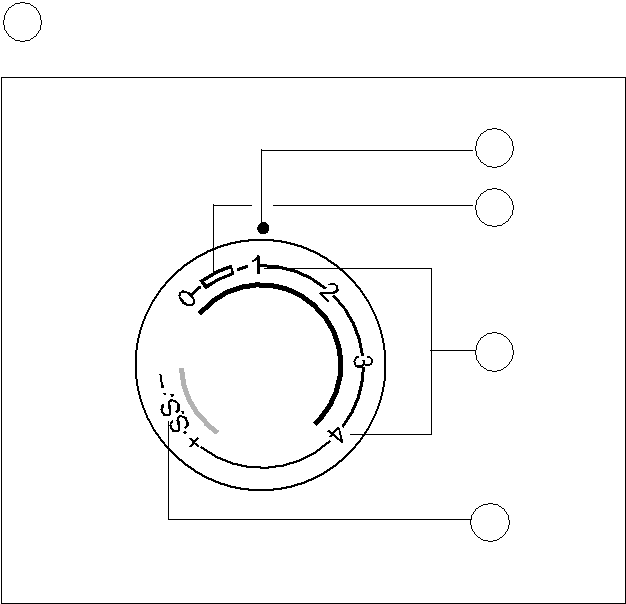
line

Lower

line

marker

Stitch pattern (overview)



marker

Buttonhole and stitch sewing stitch length scale

Supernutzstiche (letters A through L below)



**Upper tension-control dial**



3-5 = normal voltage range

**Stitch Selection button**

a stitch pattern is selected by turning the stitch pattern selector button.

* To zuwählen off a stitch the top row, has the stitch length button-Zvi rule be 0 and 4 set.
* A stitch pattern of the bottom row of-zuwählen must be the symbol set on the stitch length button.



The selection of a stitch may only be at standstill of the sewing machine and when the needle in the highest position.

**Stitch length knob**

When you turn the stitch length knob can fol-constricting numbers / symbols are selected:



0  , 1, 2, 3, 4, "+", and " - " .

If a stitch pattern is set on the stitch pattern dial, the lengths of the stitch pattern is varied with the scale values ​​1, 2, 3 4.

The symbol ge-elect are on the stitch length knob must for sewing buttonholes and decorative stitches.

In the position, the stitch patterns apply with the letters A to L (lower row).



The Supernutzstiche can Rotate



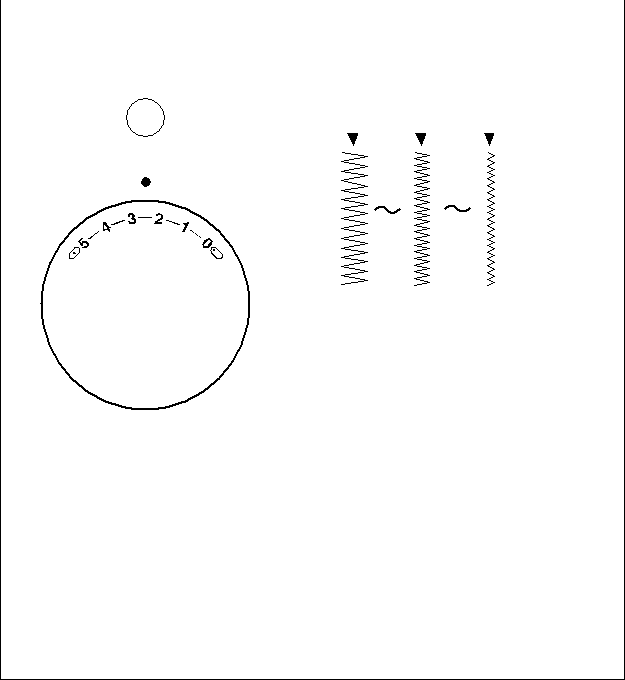
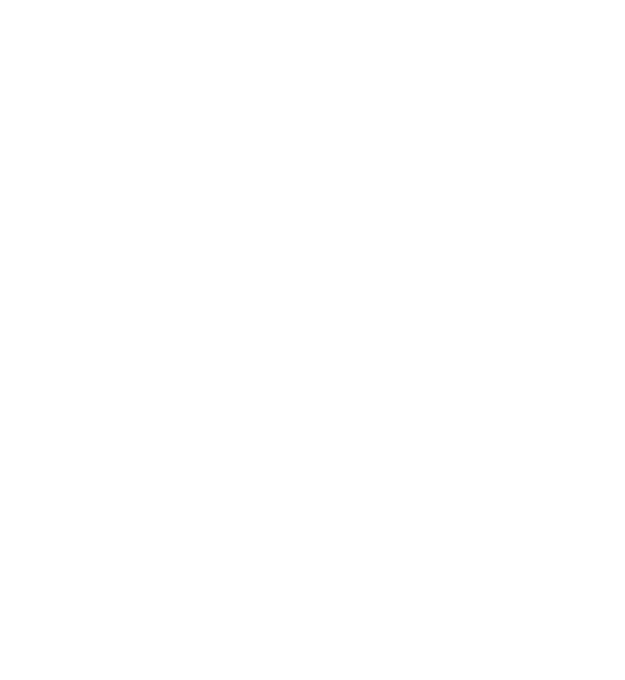
"+" Or "-" increased or reduced.

|  |  |
| --- | --- |
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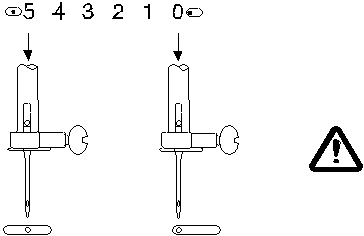
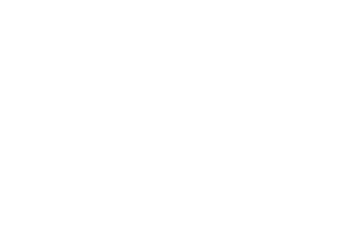


**controls**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  | **Stitch width button** |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | By turning the stitch width knob 0-5, the |  |
|  |  |  |  |  |  |
|  | |  |  |  |  |  |  |  | Width set a stitch pattern. |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

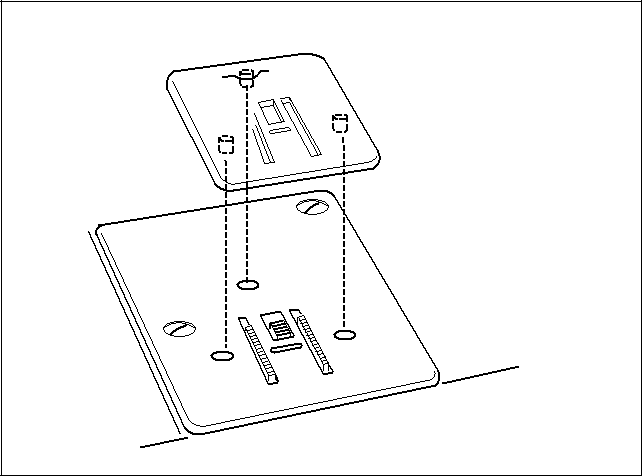


|  |  |
| --- | --- |
| stitch width | **Needle drop position** |
|  | With straight stitch and stretch straight stitch can with the |
|  | Stitch width button is selected, the needle drop position |
|  | become. |
|  | On Stitch width knob only turn when the needle |
|  | is in the highest position. Caution breakage! |



Needle drop position

marker



**carrier cover**

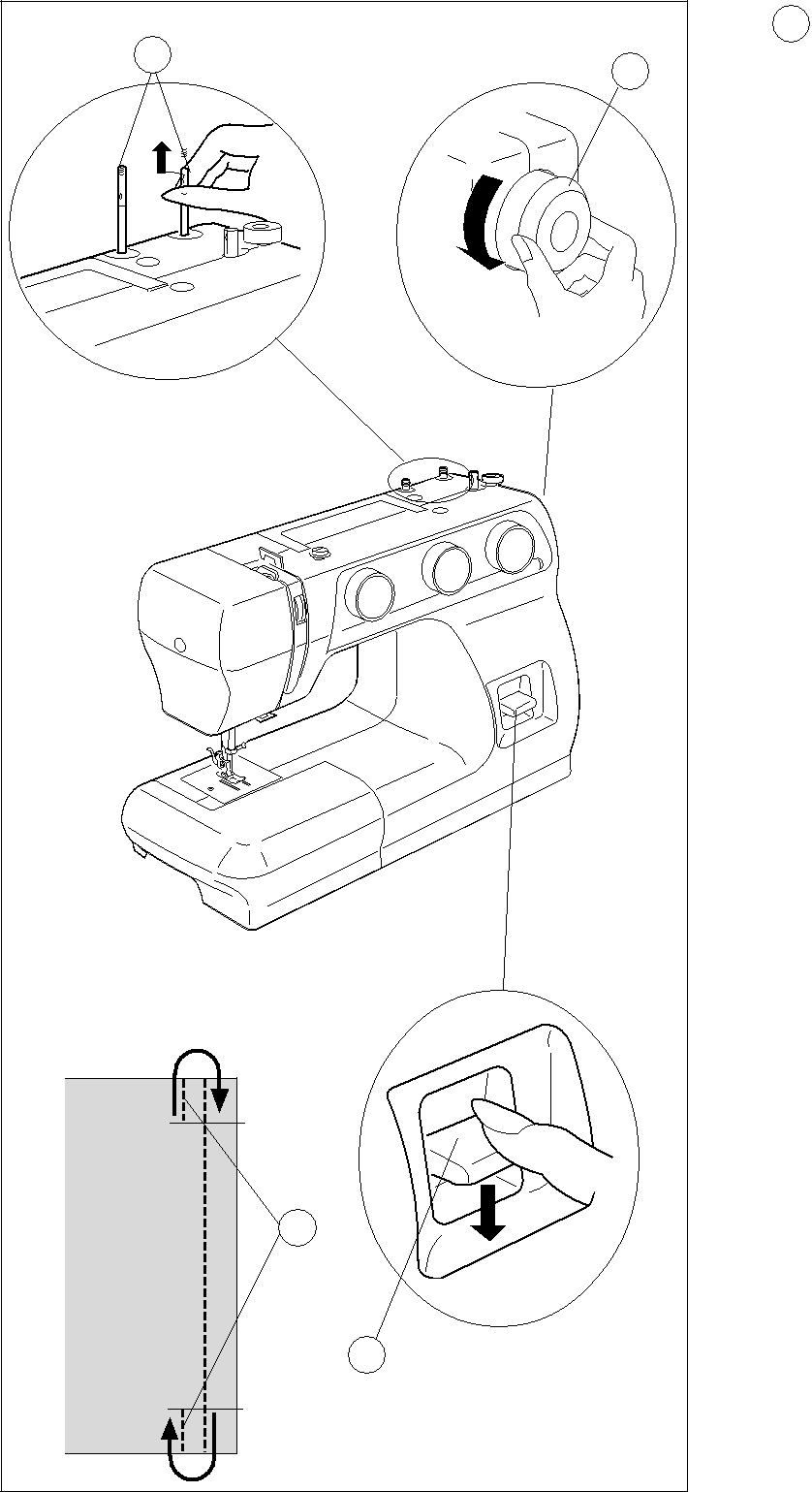
To embroider the transporter must cover one-set is.

use carrier cover

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**controls**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **spool pins** |  |
|  | The spool pins are for transportation |  |
|  |  |
|  |  | lowered, they can be removed easily |  |
|  |  | hen. |  |



**handwheel**



use the hand wheel when starting the

Machine and to check whether a new Na-

del or the presser foot is installed correctly.

The handwheel always counterclockwise

Turn the handwheel always that to himself

rotate.

**"Reverse"**



As long as the button is pressed, the sew

Machine backwards.

used this feature to gain

prints at the beginning and end of a section

to sew.

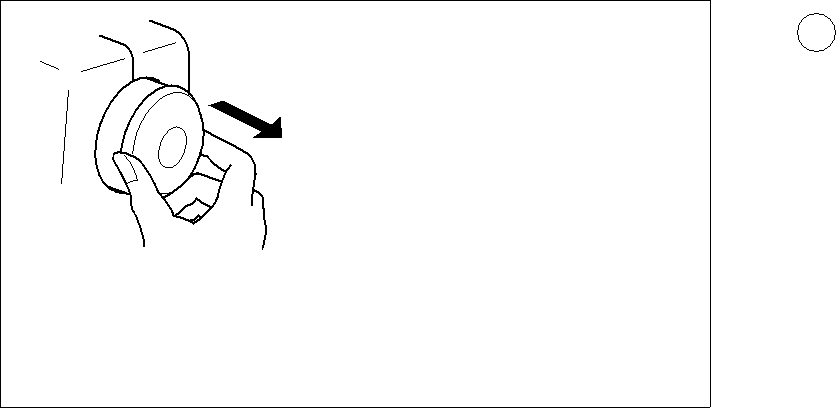
The reverse button can in the current

Operating be pressed.

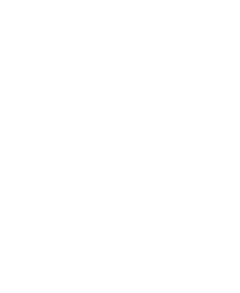
|  |  |
| --- | --- |
|  | reinforcement stitches |



**handwheel**



By pulling out the hand wheel at



Standstill is switched off the sewing function.



This function is to wind the thread

used on CB hook coils.

|  |  |  |
| --- | --- | --- |
|  | After the engagement of the sewing function is back |  |
|  | switched on. |  |
|  |  |

Handwheel coughed up



|  |  |
| --- | --- |
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**Replacing the presser foot**

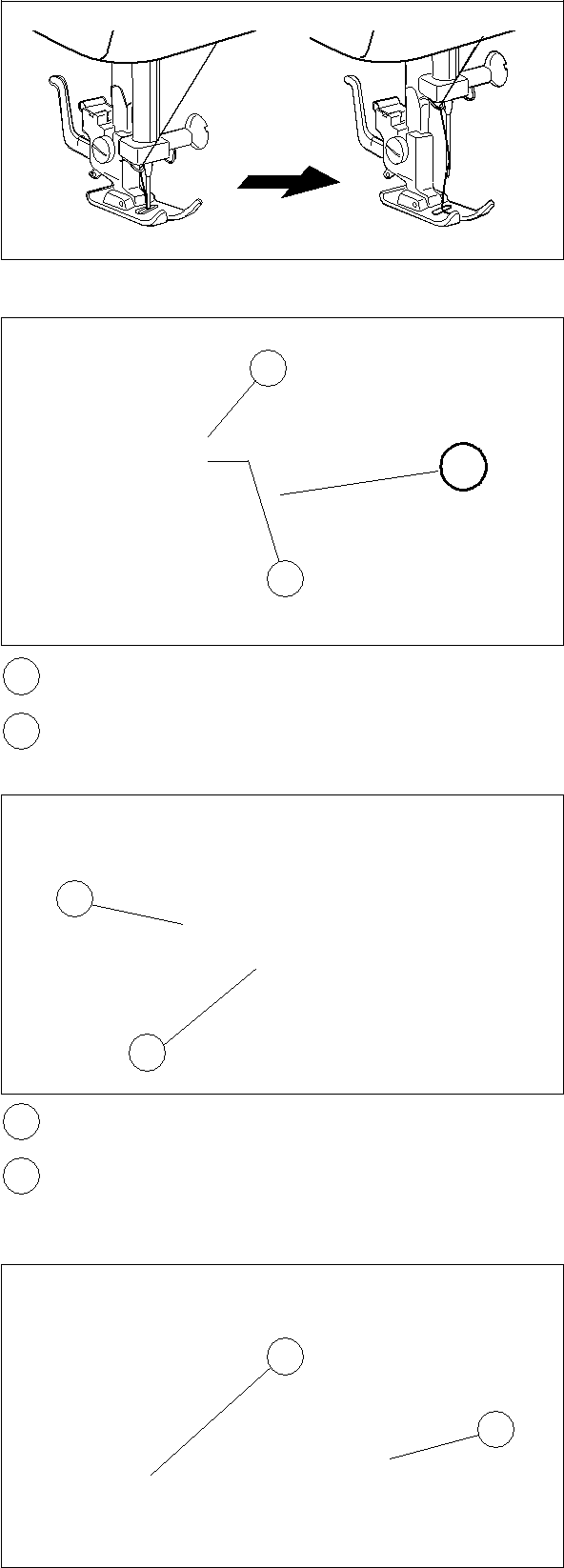
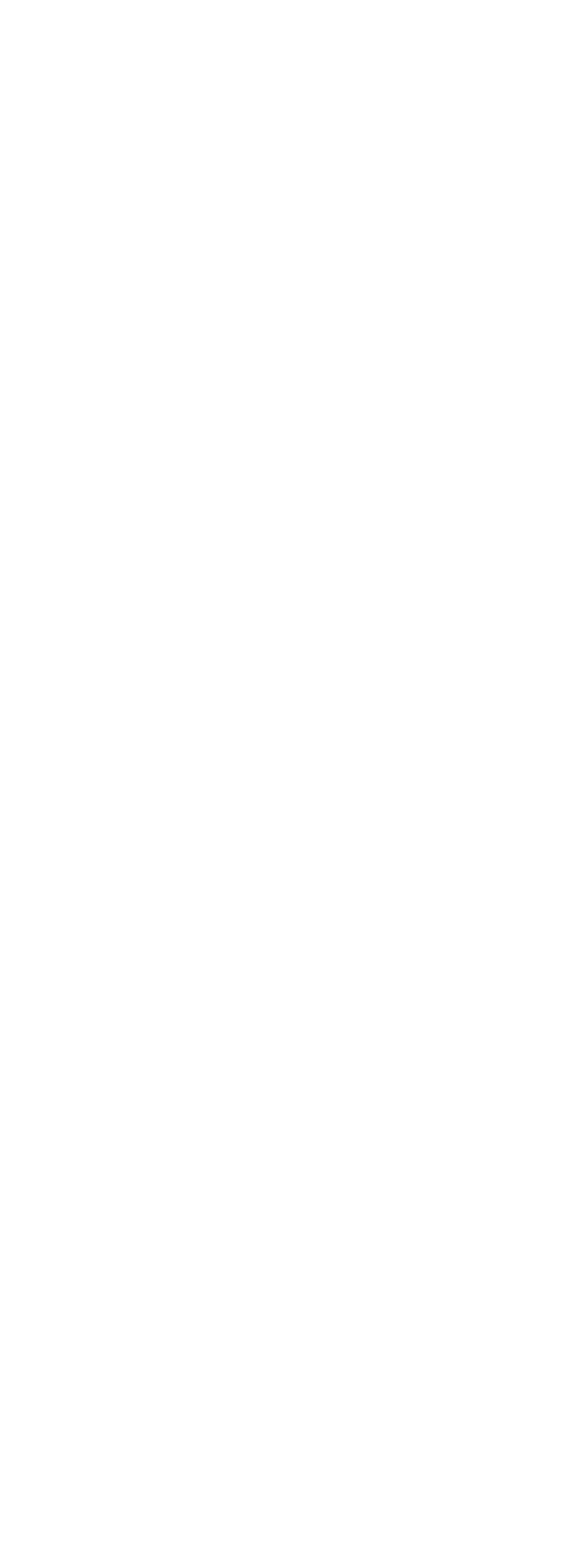
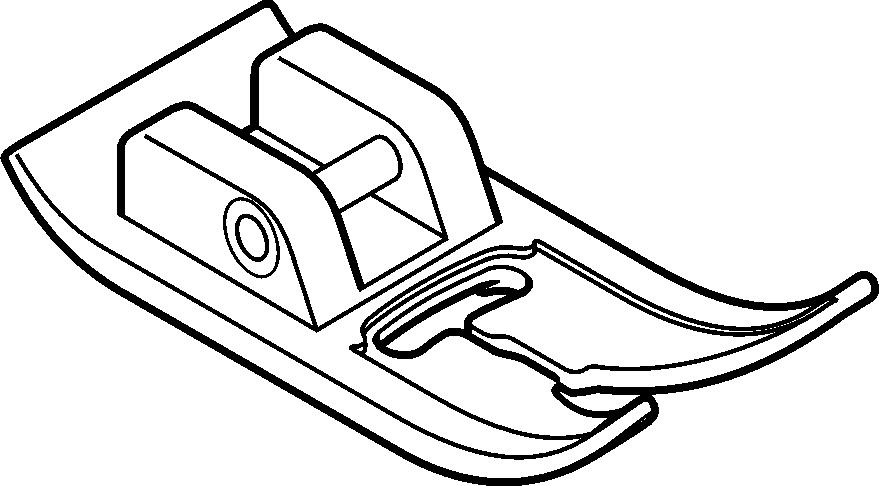
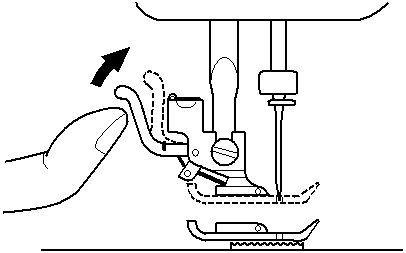
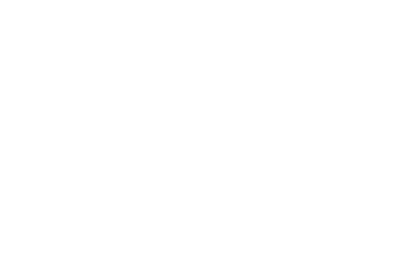
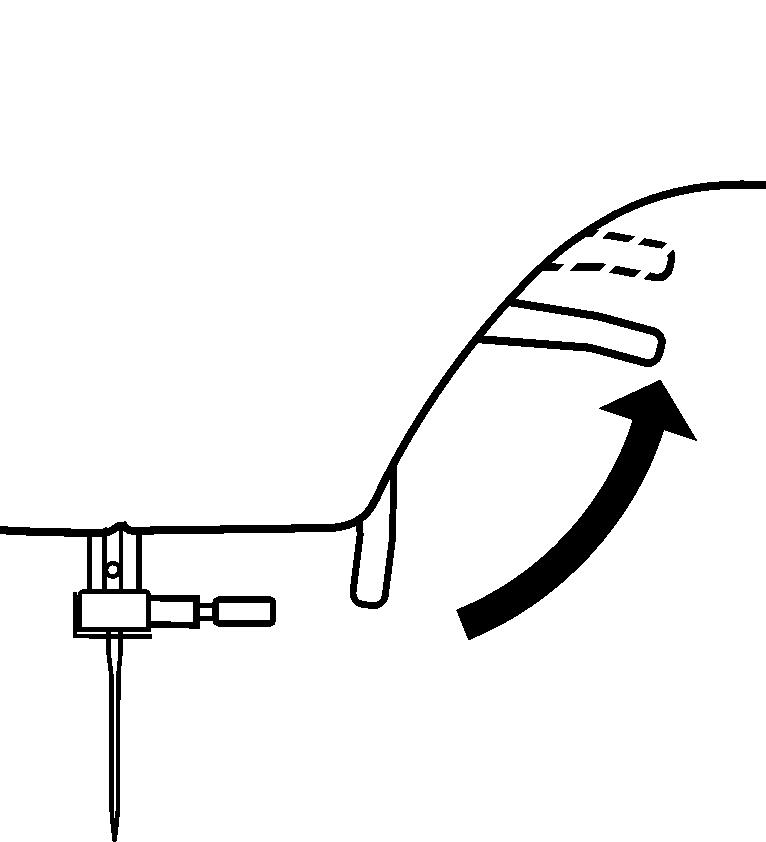
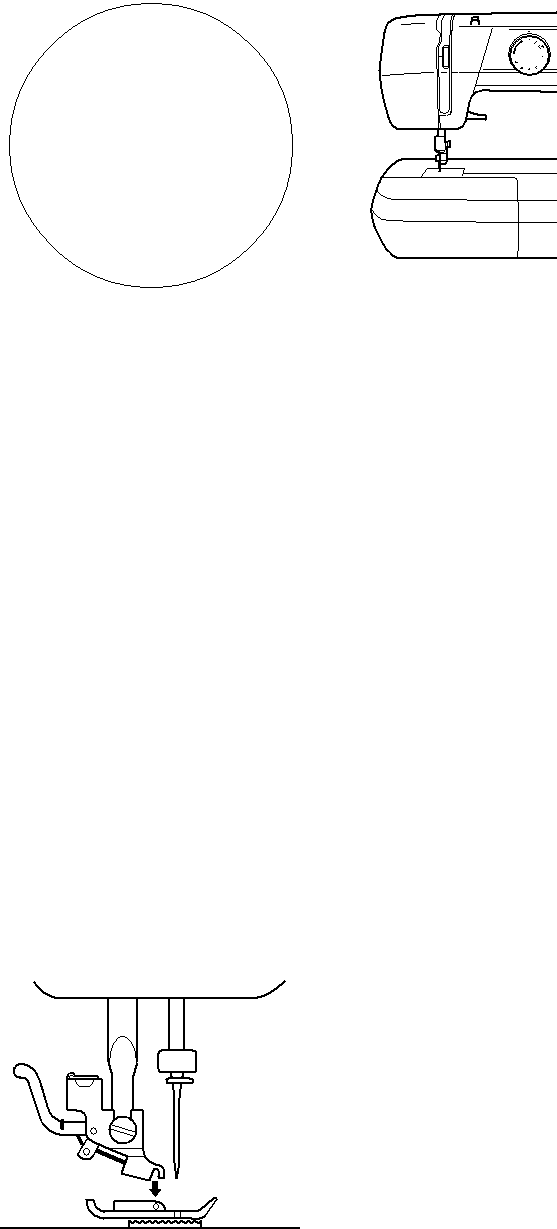
**Attention**



• The machine at the power switch off before the presser foot is changed.

* Always the right foot for the type of stitch use! If a wrong presser foot is used, the needle may hit the presser foot and to bend or break.
* Use only the enclosed sewing feet. Using other presser feet can result in accidents, injuries and property damage.

Presser foot: (engaged) in the highest position presser foot



**Replacing the presser foot**

1. Turn the machine off at the power switch.
2. , Turn the wheel until the needle in the highest position.
3. Place the presser foot lever. For ver-different presser feet of the presser foot can also be raised.

The presser foot lever engages in the highest

position not one, so he must in this



Position held.

1. To release the presser foot from the presser foot, press the small lever on the back of the holder.



Lever on the foot holder Presser

Recess in the presser foot presser foot



12

1. Place the other presser foot under the presser foot holder, that the presser foot on

the recess is directed off the foot holder.

1. Place the presser foot lever so that the presser foot can be snapped into the recess.

Should not lock, press the small lever on the presser foot short of the presser foot.

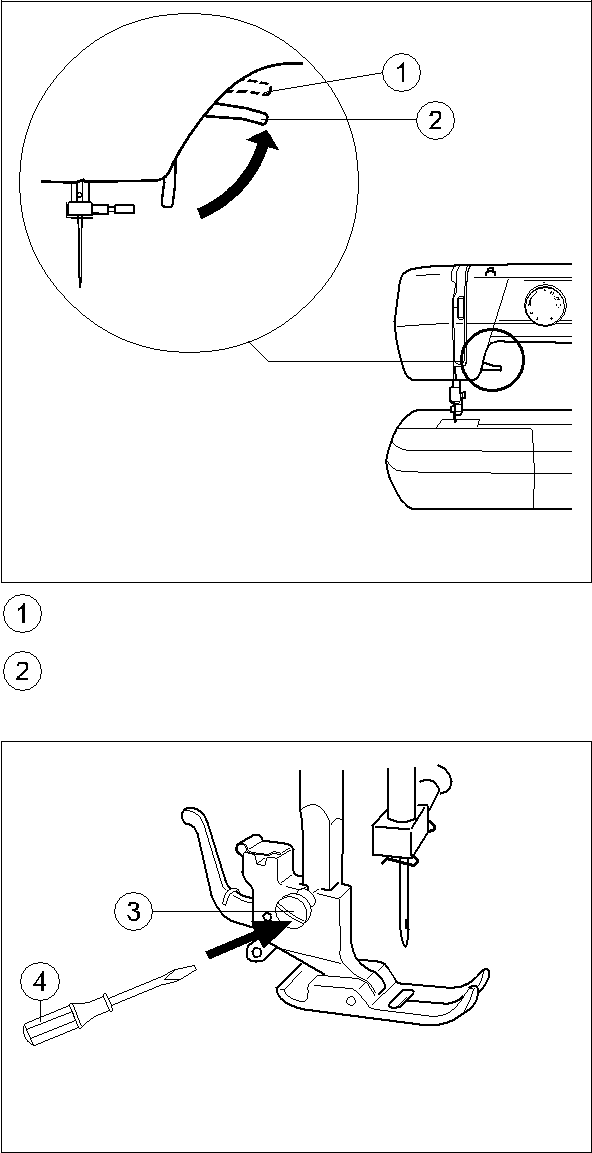
1. By lifting the presser foot that the presser foot is properly engaged.



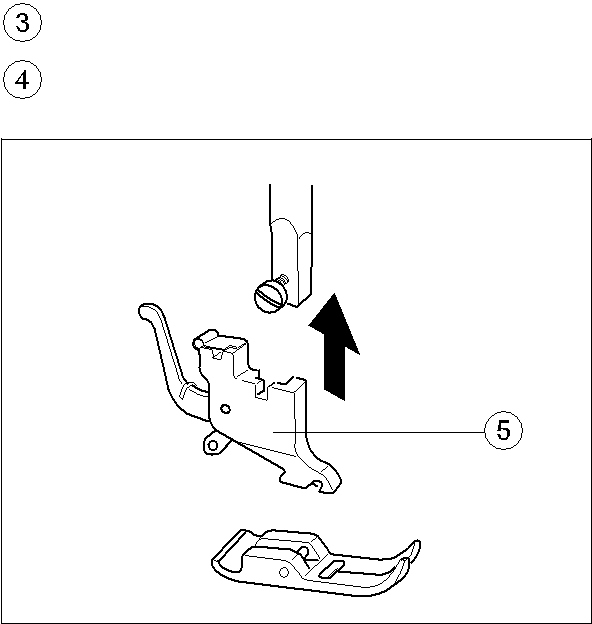
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**Replacing the Presser**

Presser foot: (engaged) in the highest position presser foot



Screw for foot holder screwdriver



**Removing the presser foot holder**

1. Turn the machine off at the power switch.
2. , Turn the wheel until the needle in the highest position.
3. Place the presser foot lever.
4. Loosen the screw of the presser foot. Press the presser foot with your hand all the way up so that the foot holder can be taken down.

**Note**

Before the presser foot holder is reassembled, first installing a presser foot presser foot holder.

1. For the installation of the new presser foot Press the presser foot by hand all the way up  Lead one-foot holder from below and lower the presser foot.

Now pull the fixing screw firmly and check by turning the handwheel whether all functions can be executed correctly.



Presser



|  |  |
| --- | --- |
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**Fabric, needle and Garntabelle**

Only needles of the recording system using 130/705 H. For the processing of stretch fabrics and knitted fabric is the use of a stretch needle recommended 130/705 HS, for processing heavy fabrics jeans needle 130/705 HJ.

Needle and yarn are to select the material to be processed accordingly. use upper and lower thread the same strength and the same yarn material. Perfect, top and ge-rade needles are in connection with well-coordinated sewing thread basis for good stitching. The table to-is intended to be a help:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Types of fabric, sewing types** | **needle** | | **yarn** |  |
|  |  |  |  |  |
|  |  |  | **Strength** | **kind** |
|  |  |  |  |  |
| Strong linen, work clothes, | 80 | - 100 | 40 - 50 | cotton yarn |
| Jeans |  |  | 80/3 | synthetic yarn |
| Corduroy, tweed | 80 | - 100 | 100/3 | Nähseide |
|  |  |  | 80/3 | synthetic yarn |
|  |  |  |  |  |
| Fabrics, Coat fabrics | 80 | - 90 | 100/3 | Nähseide |
| Cotton and rayon fabrics | 80 | - 90 | 50 - 60 | cotton yarn |
| Flannel, gabardine |  |  | 100/3 | synthetic yarn |
| laminated fabrics | 80 | - 90 | 100/3 | Nähseide |
|  |  |  |  |  |
| Taffeta, satin, crepe | 80 |  | 100/3 | Nähseide |
| Decorative fabrics, curtains of cotton | 80 |  | 60-70 | cotton mercerized |
| Curtains made of synthetic | 70 | - 80 | 120/3 | synthetic yarn |
| Terry, wool fabrics | 80 | - 90 | 50 - 60 | cotton yarn |
|  |  |  |  | mercerized |
|  |  |  |  |  |
| Ticking, linen, bedding | 70 | - 80 | 60 | cotton yarn |
|  |  |  |  | mercerized |
| Blouse fabrics, poplin | 70 | - 90 | 60-70 | cotton yarn |
|  |  |  |  | mercerized |
|  | 75, 90 | | 120/3 | synthetic yarn |
|  |  | |  |  |
| synthetic jersey | 75, 90 | | 100/3 | Nähseide |
| Lastex, Helanca |  |  | 120/3 | synthetic yarn |
|  |  | |  |  |
| wool jersey | 75, 90 | | 100/3 | Nähseide |
|  |  | |  |  |
| For nitrogen and tamping | 75, 80 | | 50 | Maschinenstick- and |
|  |  |  |  | Stopfgarn |
|  |  |  | 120/3 | synthetic yarn |
|  |  | |  |  |
| For decorative sewing work | 100-110 | | 50/3 - 30/3 | synthetic yarn |
|  |  |  |  |  |

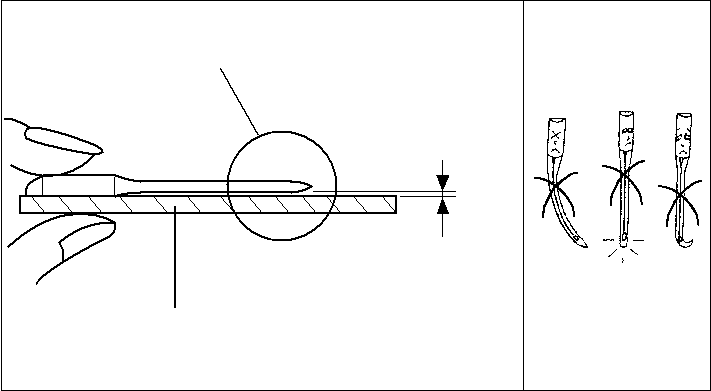
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**Replacing the needle**

**Attention**

* Before the needle is replaced, the machine necessarily the power switch off ( "0"). Is when the machine is accidentally press the foot control, the machine starts up and can cause serious injury.
* Only needles of system use H 130/705.
* For sewing any bent needles use (risk of injury).

The needle tip



control damage



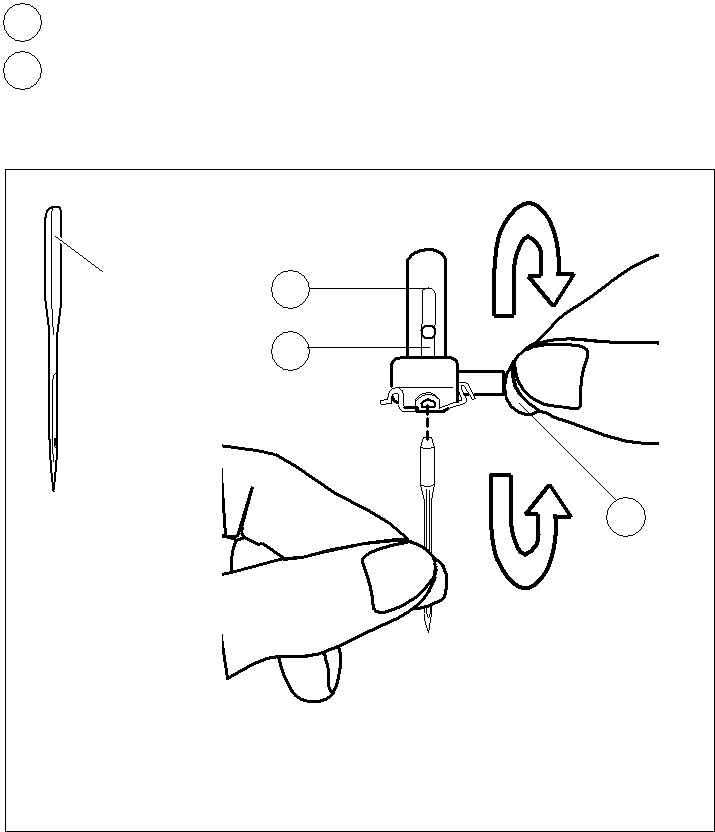
**Checking the needle**

To check the needle, this place with the flat side on a flat surface. The needle from the top and check on all sides. Bent needles must never be used!



parallel space

the needle on a flat surface cart (needle plate, glass, etc.)



needle

needle



Needle stop needle channel

screw

Flat side of the needle



**Inserting the needle**

1. Turn handwheel (counter-clock-pointer sense) until the needle in the highest position.
2. Turn the machine off at the power switch.
3. Lower the presser foot.
4. The screw loosen and pull the needle out downwards.
5. The needle with the flat side to the rear until it stops moving up. The screw again draw (eg with a coin) and check by turning the hand wheel, if the needle is correctly installed.

**Note**

Do not tighten the bolt with excessive force, it could become damaged and can in turn be solved only by force.

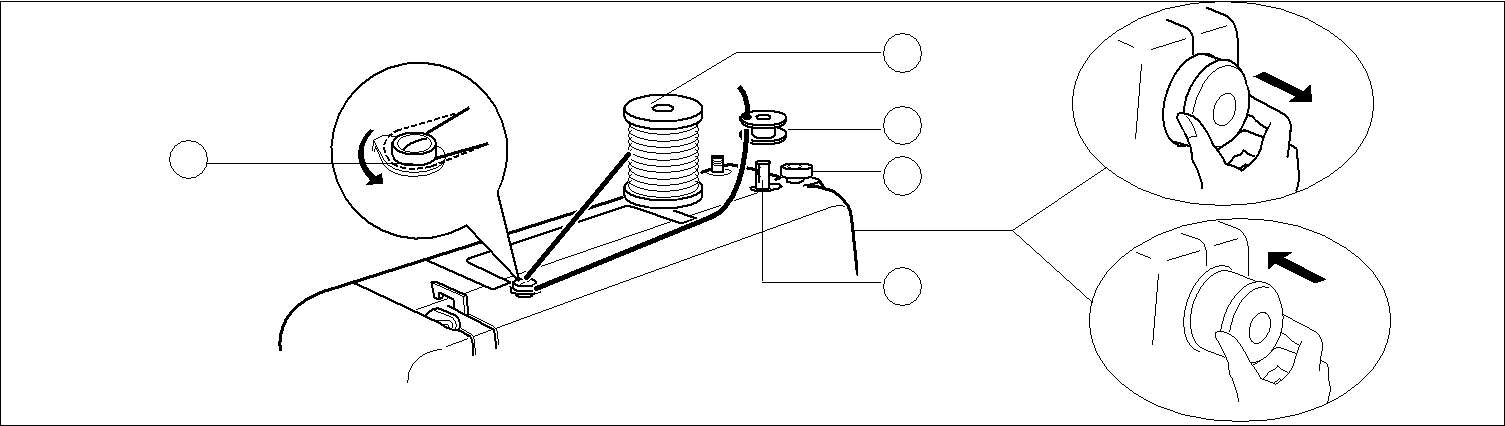
**Attention**

If the needle inserted correctly or not tightened the screw loose, the needle may break or damage may result. Risk of injury.

|  |  |
| --- | --- |
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**Winding the Bobbin**



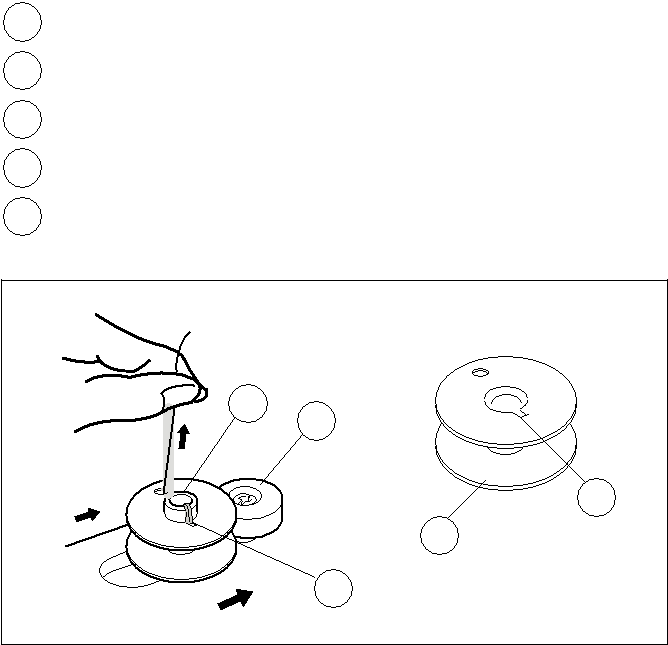
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|  |  |  |
|  |  |
|  |  |  |

Spool of thread on the spool pin CB bobbin

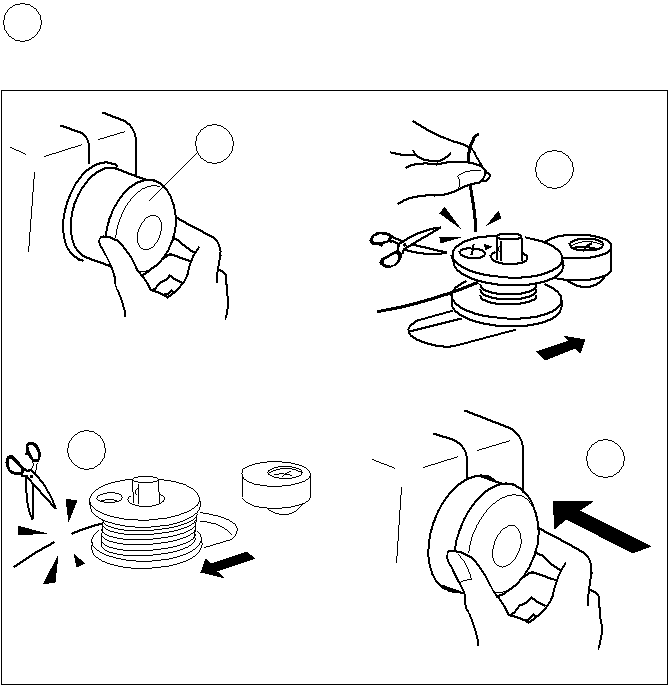
stopper

bobbin winder

Indexed winding tension disc



Stem spring slot



|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |

Handwheel pulled

Cut the thread just above the coil cut the thread

handwheel



Only the manufacturer's recommended for this machine CB hook coils one-set is. Using other bobbins may cause damage to the machine.

1. Pull the spool pin and fit the spool.
2. The thread over the reeling-voltage disc lead to CB hook coil. The

Thread the thread end from the inside through the hole of CB hook coil.

1. The CB-bobbin set on the bobbin winder shaft and press the bobbin winder with coil to the right against the stopper.
2. The CB-bobbin by hand in a clockwise sense rotate until the shank spring engages in the slot of the bobbin.
3. connect-the sewing machine to the mains and turn on the power switch.
4. The Handradherausziehen.
5. The thread end to hold and easy to press the foot control to the thread a few times to wrap around the coil.
6. interrupt the process and cut the standing above thread.
7. Make sure that the thread is tensioned. If it is too loose on the machine, it can be easily wrapped around the bobbin winder shaft.

The foot control button until the bobbin is full and the bobbin winding stops automatically.

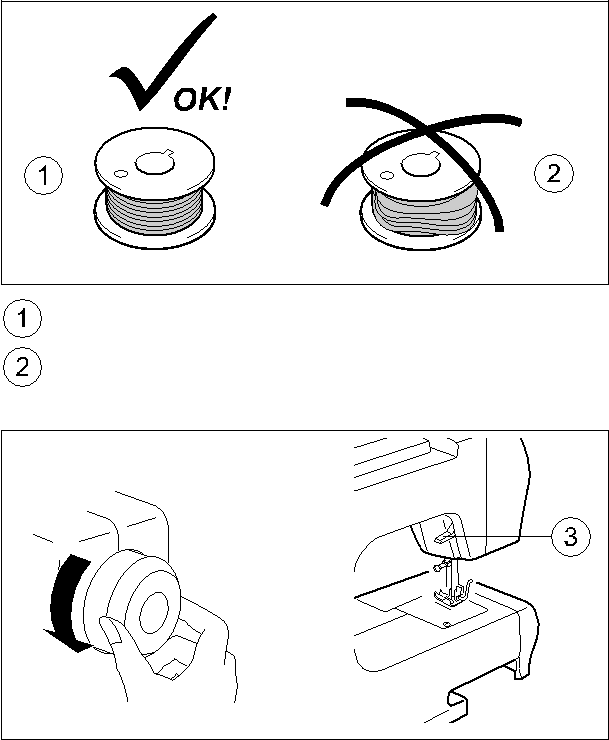
1. The full winding device to the left press, separate out the thread and the coil de-take.
2. The handwheel push in.



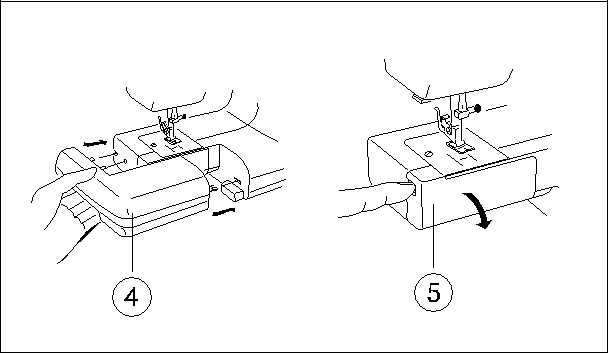
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**Remove coil**

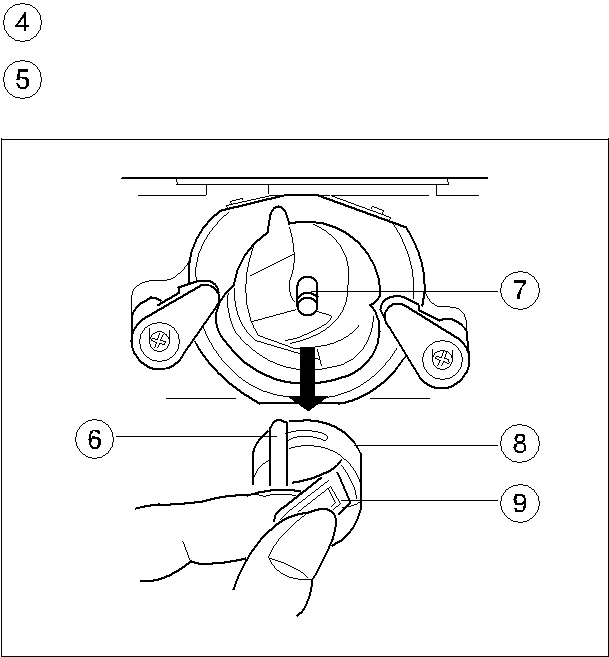
Evenly wound Unevenly wound



presser foot



Extension table gripper housing cover



Bobbin case finger axis in the gripper housing bobbin case bobbin case latch



**Caution!**

Error winding the yarn on the spool, as well as during insertion into the bobbin case, an effect on the yarn tension.

Too loose, tension thread as well as to fixed, skipped stitches with the result!

1. Turn the balance wheel and bring the needle to its highest position.
2. Raise the presser foot.
3. Turn the machine off at the power switch.
4. Remove the extension table side.
5. open the gripper housing cover by the cover is folded down.
6. The bobbin case latch  gently pull forward and remove the bobbin case.



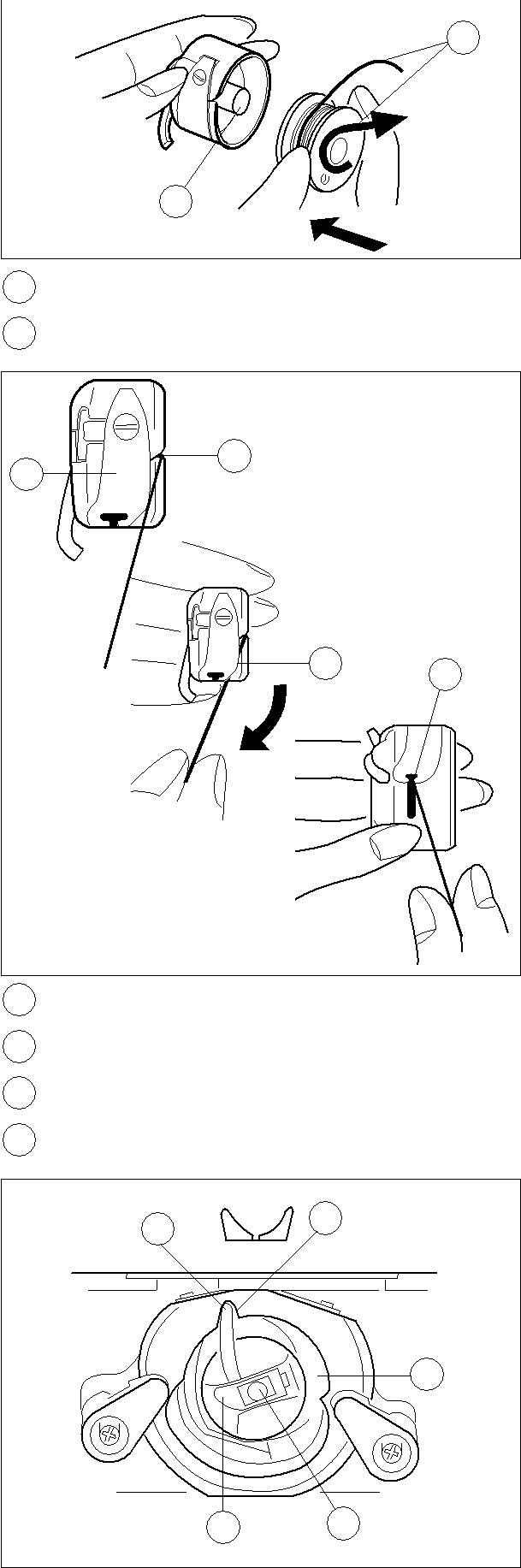
**Important**

Particulars for leading out the lower thread, see "threading pulling up the upper thread / lower thread" (page 19, 20).

|  |  |
| --- | --- |
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**Insert coil**

|  |  |  |
| --- | --- | --- |
|  | 1. Insert the bobbin in the bobbin case, it |  |
|  |  |
| the thread direction note. |  |
|  |  |





note axis in the bobbin thread direction

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  | 2. Place the thread into the slit of the bobbin case |  |
|  |  |  |  | introduce and under the Spannfederin |  |
|  |  |  |  | Direction outlet opening pulling. |  |
|  |  |  |  |
|  |  |  |  | Approximately 80 mm thread out of the bobbin case |  |
|  |  |  |  | pull. |  |
|  |  |  |  | **Important** |  |
|  |  |  |  | Make sure that the coil used as |  |
|  |  | is that the thread is in the right direction |  |
|  |  |  |  |
|  |  |  |  |  |
|  |  |  |  | unwinds. |  |
|  |  |  |  | If the thread in the wrong direction |  |
|  |  |  |  | is processed, skipped stitches occur. |  |



tension spring

Slot in the bobbin case

along the thread of the tension spring pull outlet opening



Bobbin case finger



1. Inserting the bobbin case

Place the bobbin on the shaft in the hook and push inward until the latch clicks into place. When inserting the bobbin case finger into the recess must slip on the ring cover.

Note:

Be sure to check that the bobbin case is correctly installed, otherwise it falls when you start sewing from the race.

Recess in the annular lid catchers

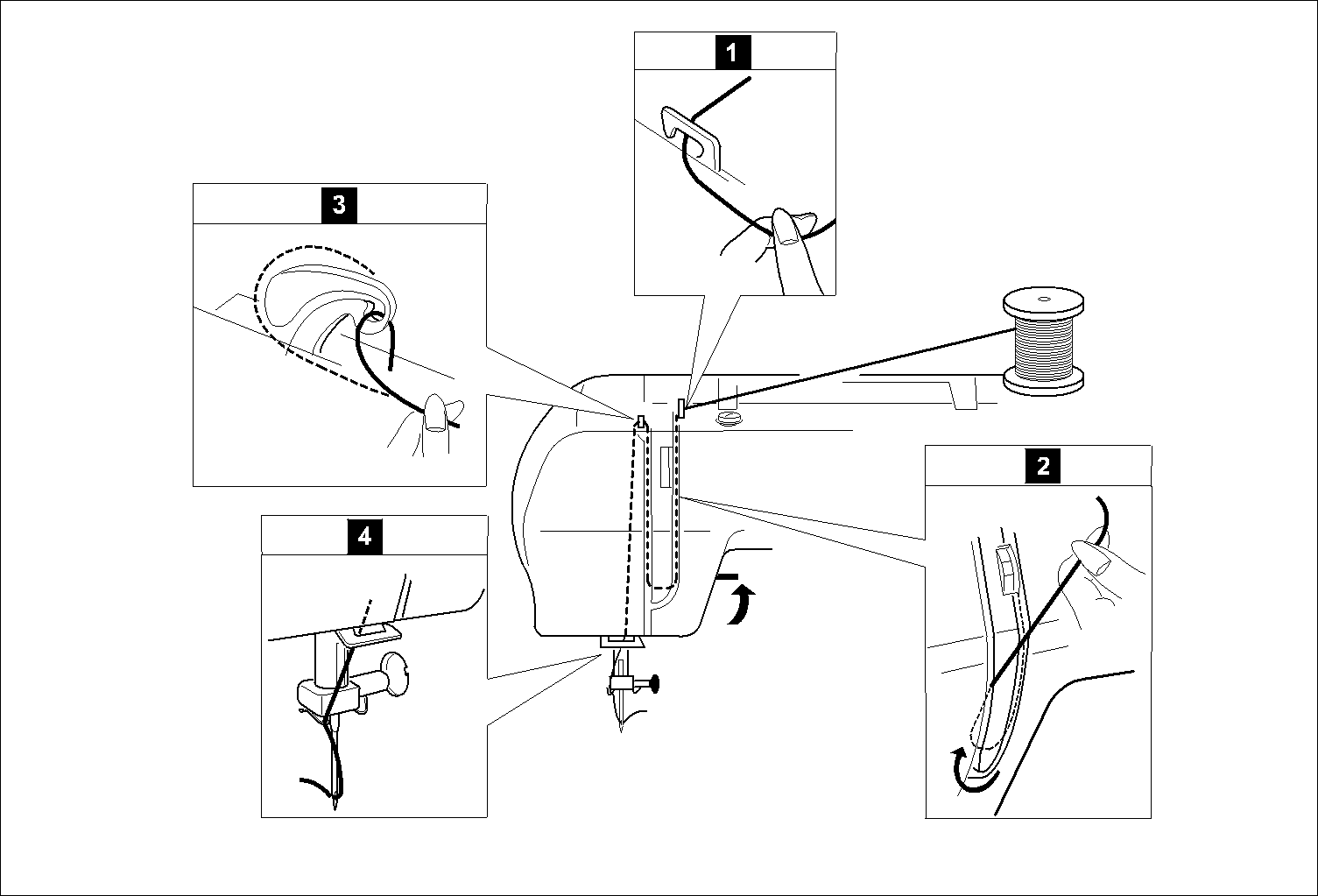


Axis in the bobbin case gripper bars



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**Upper Threading**



 **Caution: Always turn power switch!**



**Note**

Mark on the sewing machine numbers one order (  - ) That pass through the top thread must. Always make sure that the thread is threaded correctly!



1. Raise the presser foot using the presser foot.

Note: For non presser foot is up, the upper thread can not thread properly and the thread tension may be damaged.

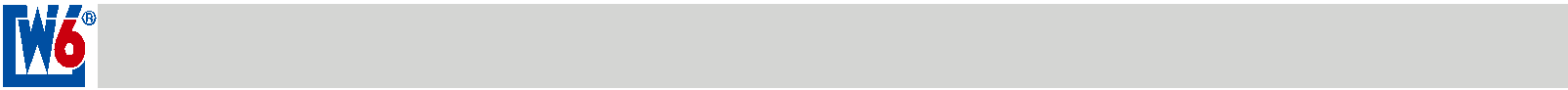
1. The balance wheel to rotate (counterclockwise) until the take-up lever in the highest position.
2. Pull the spool pin and place a spool of thread.
3. keep up the thread tension by being held with the right hand, and guide the thread according to the figures by the thread guides.

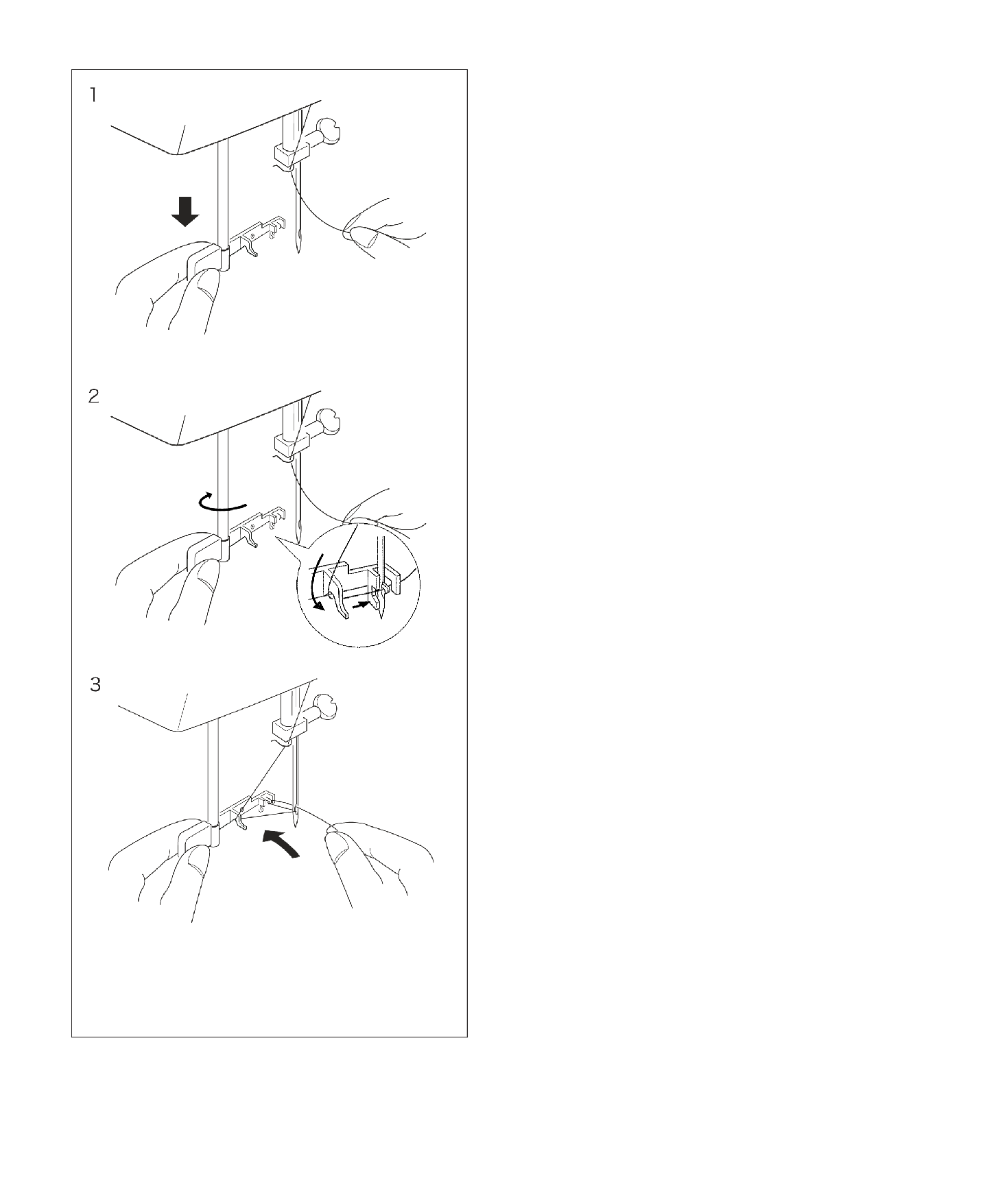
**Note**

* An incorrect thread guide of the thread can tear, stitches can be omitted or the seam is unclean.

|  |  |
| --- | --- |
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**needle threaderAufspulendesUnterfadens**



 1. Raise the needle by turning the

Hand wheel in the highest position. Pull the needle threader lever as far

how possible the arrow to below.

Spool of thread on the spool pin CB bobbin

stopper

bobbin winder

Indexed winding tension disc

Stem spring slot

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |

Handwheel pulled

Cut the thread just above the coil cut the thread

handwheel

Only the manufacturer's recommended for this machine CB hook coils one-set is. Using other bobbins may cause damage to the machine.

* 1. Pull the spool pin and fit the spool.

1. SecondswingDenFadenshe aboutdenEinfädlerdieAufspulwith the-Voltage-Fanghakensceibe byto dasCB -NadelöhrGreiferspule. to lead. The FührenFadenSiendedannvondeninnenFadendurchunterdasdemLoch the rechtenCB-GreiferspuleundlinkenFührhakeeinfädeln. by and

pull taut the thread.

Third The CB -Greiferspule the bobbin winder The thread must now under the hook

set and the bobbin winder with coil sit by.

press right against the stopper.

* 1. The CB-bobbin by hand in a clockwise sense rotate until the shank spring engages in the slot of the bobbin.
  2. connect-the sewing machine to the mains and turn on the power switch.
  3. The Handradherausziehen.

1. 7thswingTheFadenendeSie threaderhold tighthowandin theeasy to drawingFoot controlshownto press,, around the thread some Thetimeshookto the attractsKitchen sinknowto wrapdenFaden,

8.durchDendasVorgangNadelöhrunterbrechen. Cut and standing above thread.

eighth 9.Darauf that the thread is tensioned. If it is too loose on the machine, he can

easily wrap around the bobbin winder shaft. \* The needle threader can with needles

Press the foot control until the spool full size no. 11 to no. 16 used to be.

and the tape stops automatically. It is a yarn count of 50 to 90

10. The full winding device, press left, recommended.

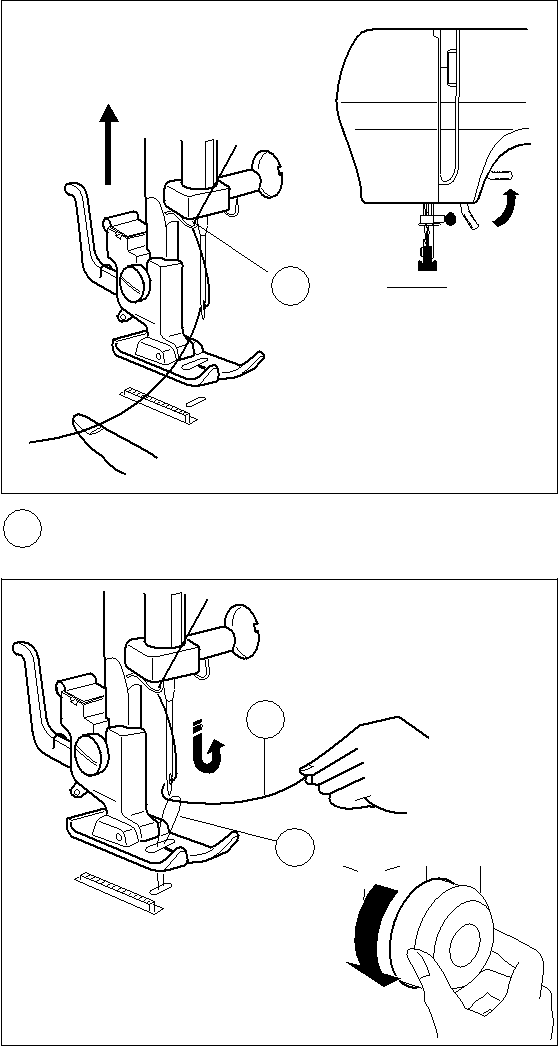
deposit the thread and the spool ent take-.

11. Press the handwheel into ,

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**Retrieving the lower thread**

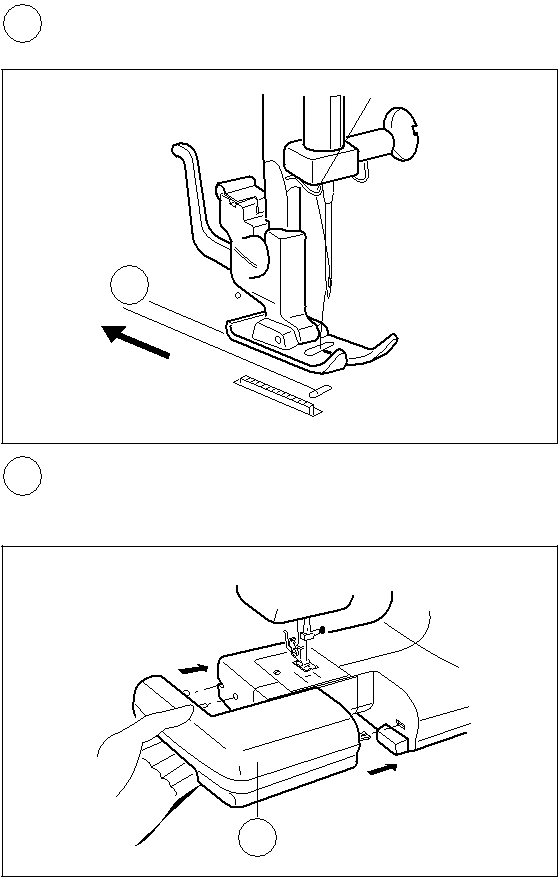
thread guide



80 mm upper thread bobbin thread loop



Pass the thread ends back



use extension table



Note: In the following description assumes that the chapter "coil-employ" and "Upper Threading" have already been executed.

**Caution, risk of injury!**

thread under-switch off the machine during threading of the upper and!

1. The upper thread in the thread guide einhän-gen and thread the needle in the needle eye.
2. Hold the upper thread with your left hand and turn with his right hand wheel.
3. a sling (lower yarn) is pulled up by pulling the upper thread.
4. Both threads must be conducted under the presser foot and about 80 mm are pulled back.
5. If both threads were led out of the extension table can be used again.

The preparations have been completed for sewing.

**Important**

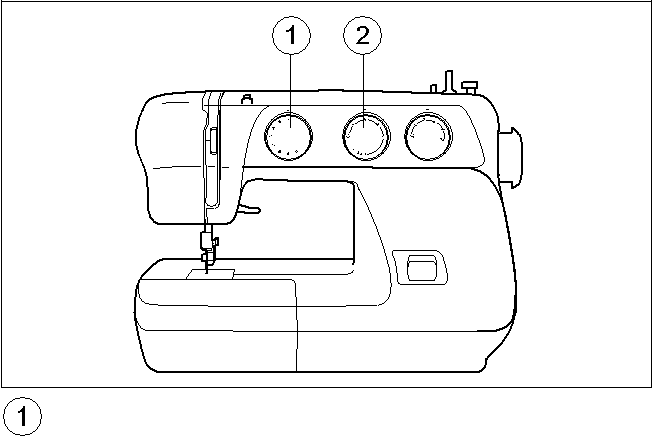


Always raise the presser foot before removing the upper thread, otherwise the thread tension may be damaged.

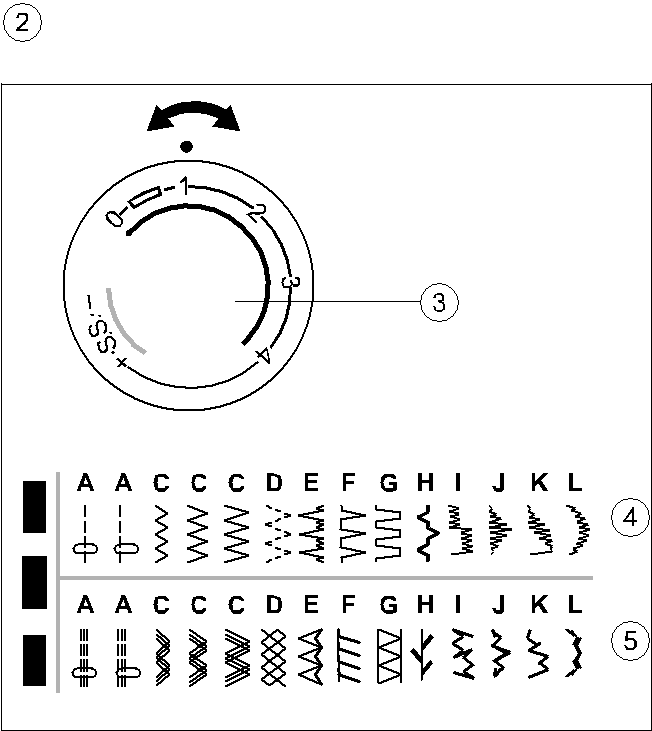
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**stitch length**

Stitch Selection button



Stitch length knob



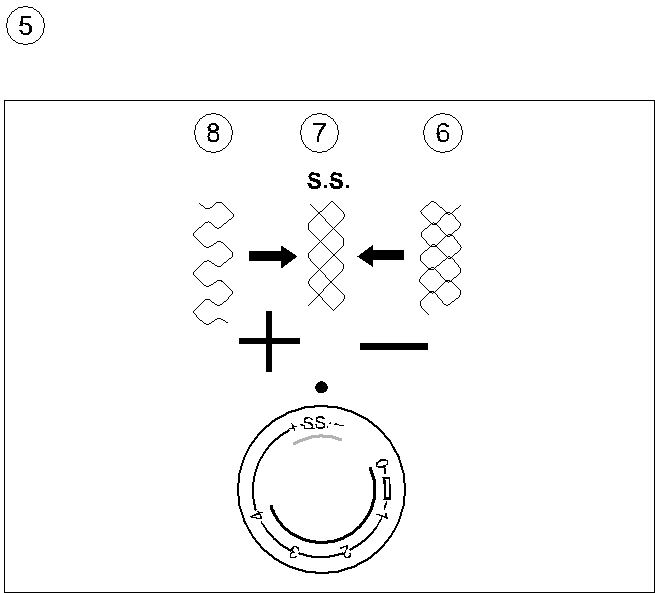
Stitch length knob



top row



bottom row (Supernutzstiche )



shrink stitch pattern standard version of the stitch pattern stretched stitch pattern



Supernutzstiche

In addition to selecting a stitch pattern, the appearance varies by schiedliche under-stitch lengths.

Useful settings of stitch patterns and stitch lengths, can be found in the stitch pattern overview table (page 27/28).

**Stitch length setting**

**(Without Supernutzstiche)**

* When set to "0", the material is not transported.
* The higher the number, the longer the stitch length.
* The numbers on the stitch length knob give about the stitch length in millimeters.
* At stitch length knob must icon  for buttonholes and decorative stitches (zigzag stitch close) can be set.

**Stitch length dial at Supernutzstichen**

A Supernutzstich (bottom row) to sew



must be set the icon at the stitch length button.



If the marker exactly above the symbol , The standard version of Supernutzstiches is sewn.

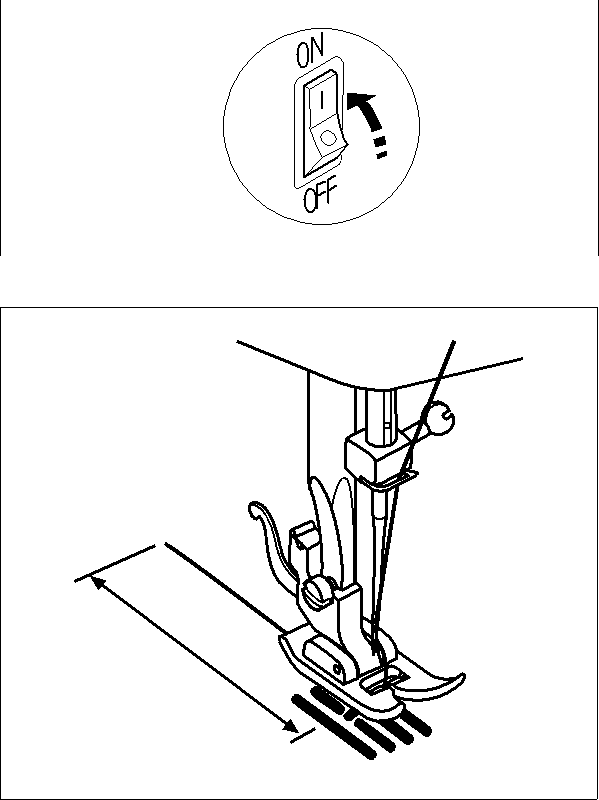
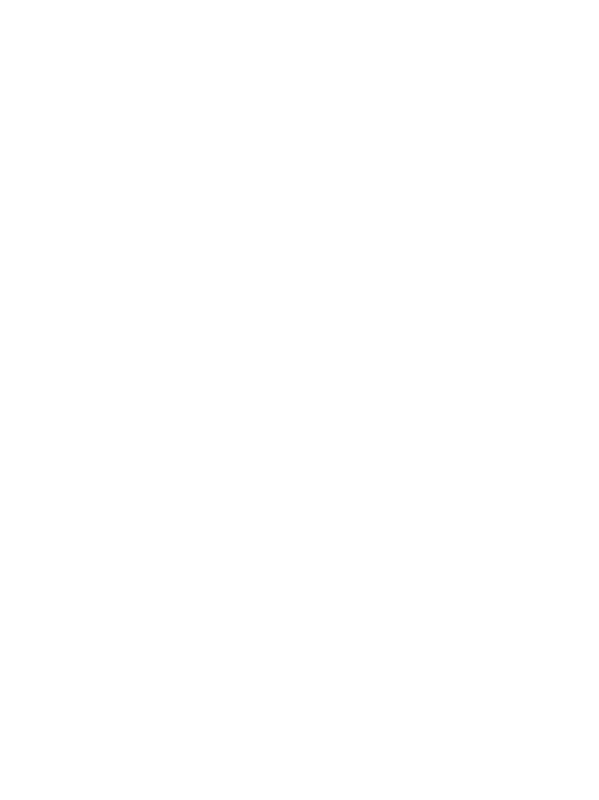
With the setting "+ "Is the stitch pattern is increased (elongated), and in"-"Reduced (compressed).

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**Sew a sample seam**



about 80 mm



**Attention**

* always pay attention while sewing on where the needle is straight. Both hands during sewing away from all moving parts stop; there is an immediate risk of injury.
* Do not pull on the fabric while sewing or tugging.
* No bent needles for sewing contact ver-.
* The needle may touch during sewing no pins, zipper teeth or other objects. Caution, risk of injury.
* If the fabric shrinks, check the thread tension and stitch length.

1. Turn the machine on the power switch.
2. Select the desired stitch patterns (see page 27, 28).

See also "stitch pattern dial" page 9 and "stitch length / stitch width button" p.9 / 10 min.

1. Place the right foot and place the fabric under the presser foot.

Approximately lead 80 mm upper and lower thread under the presser foot to the rear.

**Attention**

Always use the right foot for the stitch pattern.

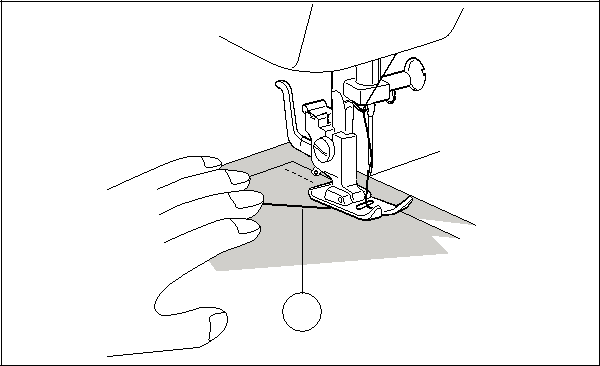
Check handwheel that the needle does not hit the presser foot. If the wrong presser foot utilizes be-the needle may touch the presser foot and bend or break.

|  |  |
| --- | --- |
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**Sew a sample seam**

1. keep thread and fabric with your left hand and with his right hand on the handwheel



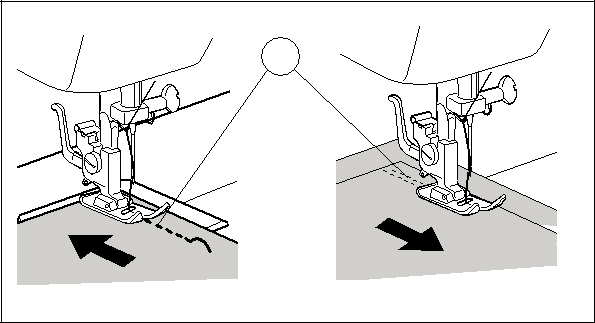
to rotate around the needle in the position

bring to start sewing.

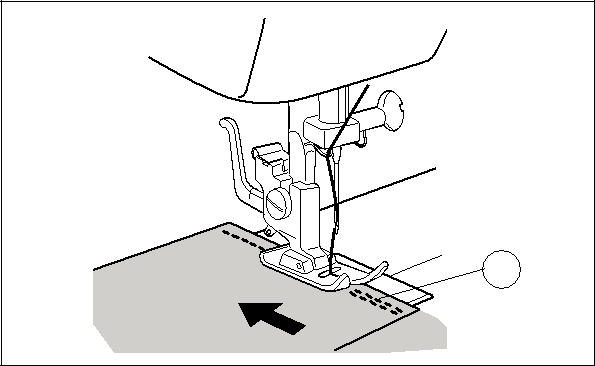
The fabric edge should 3-5 stitches behind the

are needle puncture.

upper thread



Reinforcement stitches (in the beginning)



Reinforcement stitches (at the end)



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1. Lower the presser foot.

The "reverse" button and hold it down to sew reinforcement stitches.

After 1-3 stitches release the button and sew normal.

1. Up to the edge sewing. Then, by pressing "Reverse" 1 again - sew three stitches for reinforcement.
2. The presser foot lift-remove the fabric and cut the thread.

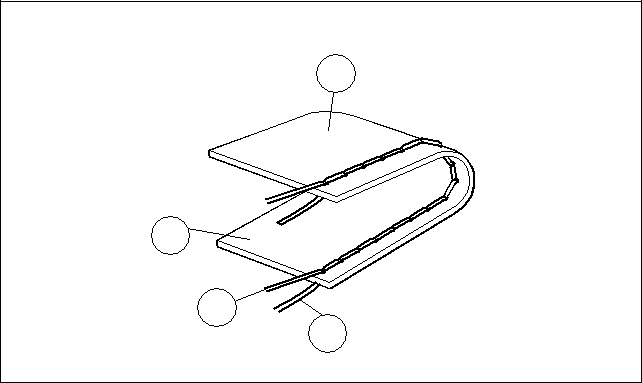
**Note**

try the stitch pattern on a 2-layer residual material and stitch length and thread tension-nung vote on the fabric.

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**thread tension**

**Correct thread tension**



The thread tension should be set for the most common tricks to "4".

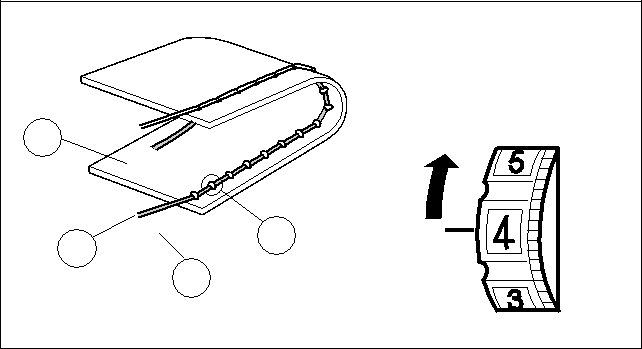
In the following cases, the thread tension must be determined by trial and error:

-When using special threads or special materials.

* If the recommendations do not lead to the desired result.

wrong side (bottom side) fabric right side (upper side) upper thread

lower thread



As a rule, should needle and bobbin thread in the fabric center cross (exceptions are listed in stitches and applications).

**Loosen the needle thread tension**

Top thread

too hard:

The control dial for the upper thread tension turn upwards to loosen the needle thread tension (3..2..1).



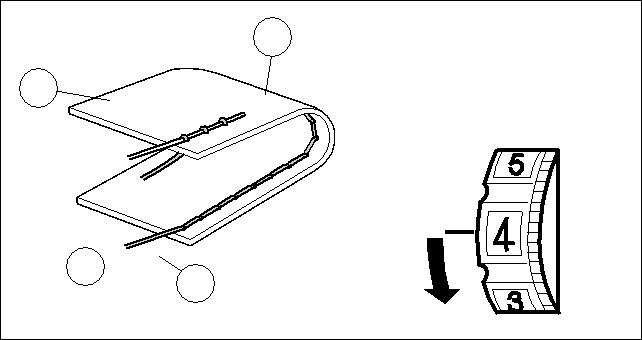
Lower thread Upper thread

right side of the fabric (top)

visible loops on the upper side of the fabric



Upper thread is too



 relaxed:



Upper thread Lower thread

wrong side (underside)



**Increasing the needle thread tension**

The adjusting wheel for the thread tension downward turn, to increase the thread tension (5 ... 6 ... .... 9).

**Note:**

The thread tension can be checked (see page 47)

visible loops on the underside of the fabric

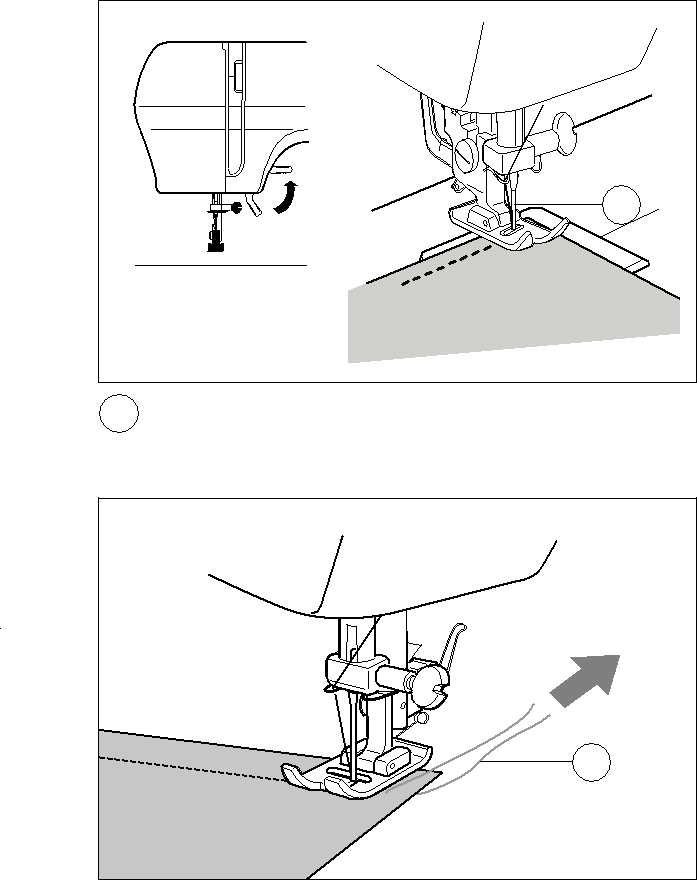


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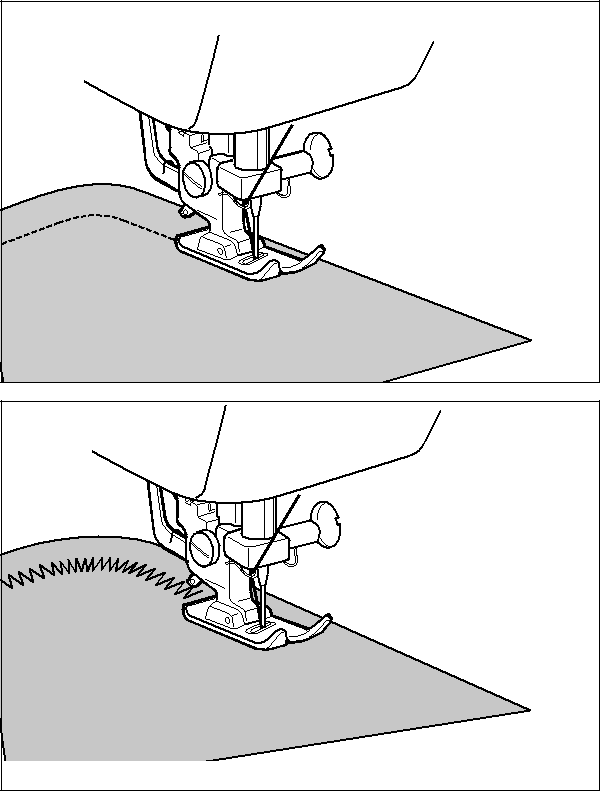


**useful hints**

lowered needle



basting thread



**sewing corners**

stopping the machine at the corner with the needle is lowered, lifting the presser foot and turn the fabric. Lower the presser foot and continue sewing.

**Edge stitching at 3 mm distance**

attach a thread in the fabric piece at the corners. If the vertices are achieved when sewing, turn the fabric and the fabric-transport by pulling the stitching thread under-support.

**sewing curves**

**(With a straight stitch)**

Slowly sew and ensure that proceeds smoothly when sewing the rounding, the distance from the seam edge of the fabric.

**(Zigzag stitch)**

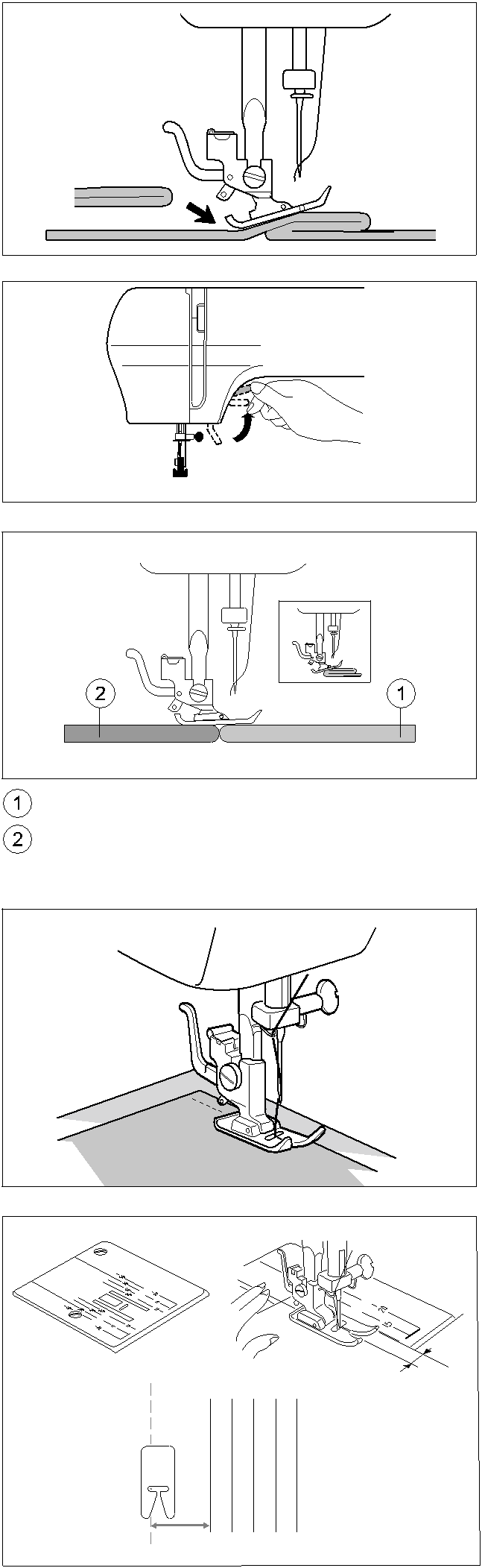
Set a small stitch length and make sure that when sewing the curve of the distance from the seam to the fabric edge evenly is.

be interrupted for tight curves must sewing with the needle lowered. The presser foot lift, fabric turn, lower the presser foot and continue sewing.

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**useful hints**

matter



Fabric scraps, cardboard, etc.

**Sewing thick fabrics**

For sewing over a thick seam, lower the needle and raise the presser foot.

A piece of folded fabric or cardboard under the rear part of the presser foot slide, to compensate for the height difference.

Lower the presser foot and continue to sew on.

If the presser foot is in the up position and thick or multilayer fabrics are sewn, which can not be so simple foot sewing under the push to bring the presser foot to its highest position by being lifted as high as possible by hand.

When the presser foot is not on all sides at the same height and the material is not transported at the beginning, a piece of cloth, paper or paperboard of similar thickness back under the presser foot.

**Sewing thin fabrics**

Place the fabric on a thin piece of tissue paper or stabilizer material and start sewing.

If necessary, the stitch length and thread tension must be readjusted.

**Use the needle plate**

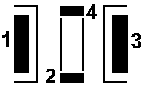
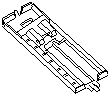
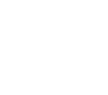
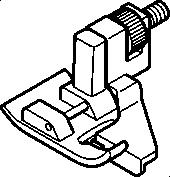
The fabric edge to a line of the needle plate align to sew uniform seam allowances.

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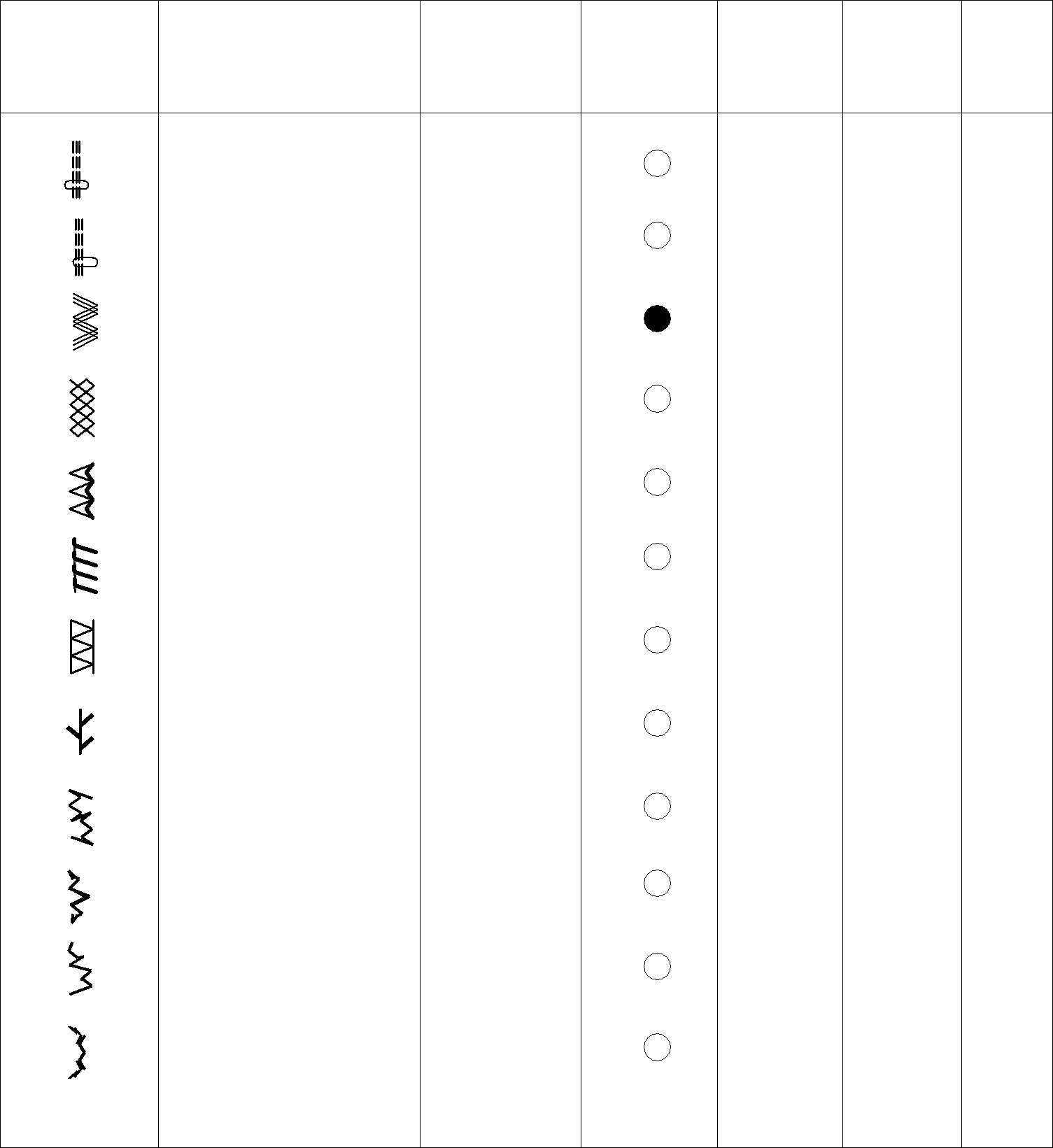
**Stitch pattern summary table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **stitch pattern** | **designation** | **Sting-** | **Sting-** | **Sting-** | **foot side** |
|  |  | **template-** | **linear** | **latitudinal** |  |
|  |  | **optional button** | **stud** | **stud** |  |
|  | Straight stitch (middle) | A | 0-4 | 1-5 | 29 |
|  | Straight stitch (left) | A | 0-4 | 1-5 | 29 |
|  | zigzag | C | 0-4 | 1-5 | 30 |
|  | Elastic zigzag stitch | D | 0-4 | 1-5 | 30 |
|  | Elastic blind stitch | e | 0-4 | 1-5 | 32 |
|  | Lingerie stitch | F | 0-4 | 1-5 | 31 |
|  | inseam | G | 0-4 | 1-5 | 41 |
|  | Foundation elastic | H | 0-4 | 1-5 | 41 |
|  | stitch | I | 0-2 | 1-5 | 41 |
|  | stitch | J | 0-2 | 1-5 | 41 |
|  | stitch | K | 0-2 | 1-5 | 41 |
|  | stitch | L | 0-2 | 1-5 | 41 |
|  | Automatic buttonhole |  |  | 1-5 | 33 |



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**Stitch pattern summary table**



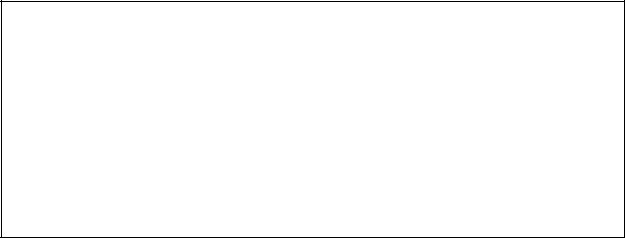
|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **stitch pattern** | **designation** | **Sting-** | **Sting-** | **Sting-** | **presser foot** | **page** |  |
|  |  | **template-** | **linear** | **latitudinal** |  |  |  |
|  |  | **optional button** | **stud** | **stud** |  |  |  |
|  | Stretch straight stitch | A |  | 1-5 |  | 29 |  |
|  | Stretch straight stitch (left) | A |  | 1-5 |  | 29 |  |
|  |  |  |  |
|  | Stretch zigzag stitch | C |  | 1-5 |  | 30 |  |
|  | diamond engraving | D |  | 1-5 |  | 38 |  |
|  | Special Overlock | e |  | 1-5 |  | 31 |  |
|  | feather stitch | F |  | 1-5 |  | 40 |  |
|  |  |  |  |
|  | overlock | G |  | 1-5 |  | 31 |  |
|  |  |  |  |
|  | bones Stich | H |  | 1-5 |  | 38 |  |
|  |  |  |  |
|  | Dekostich | I |  | 1-5 |  | 41 |  |
|  | Dekostich | J |  | 1-5 |  | 41 |  |
|  |  |  |  |
|  | Dekostich | K |  | 1-5 |  | 41 |  |
|  |  |  |  |
|  | Dekostich | L |  | 1-5 |  | 41 |  |
|  |  |  |  |



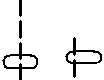
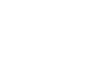
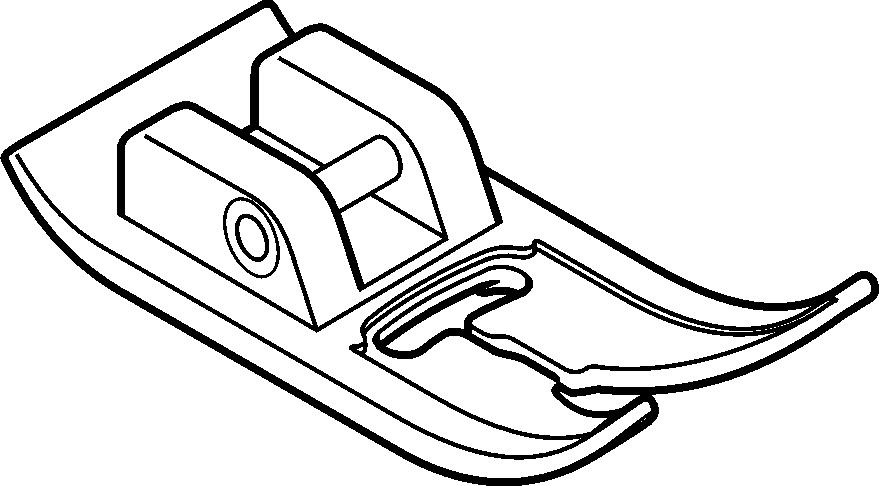
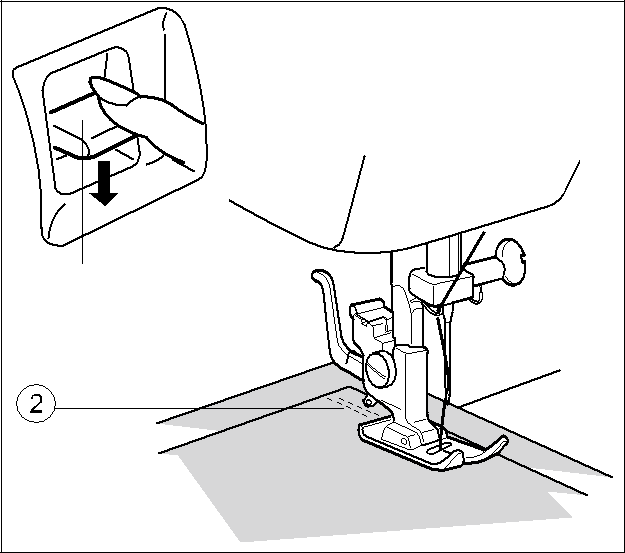
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**Straight stitch**



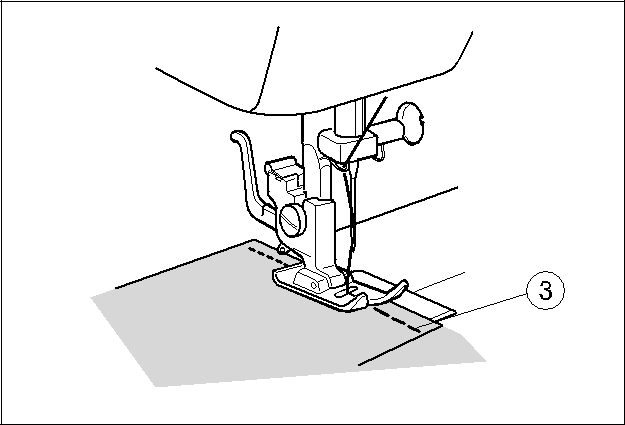
AA A  A 



"Reverse"



3 to 4 reverse stitches



basting



30

1. The pieces of fabric before sewing stitch.
2. use the standard presser foot. Ensure that the fabric edge is at least 3 to 5 stitch lengths behind the sewing needle can be thus sewn in reverse. Three or four stitches in reverse sew ( "reverse" button presses ge-hold) and then sew normal.
3. The sewing speed towards the end of the seam slow down the "Reverse" button a few stitches in reverse to sew and then stop the machine.



**Changing the stitch length**

On the stitch length knob to set the desired stitch length set.

**Stretch straight stitch**

The fabrics to stitch together and sew along the basting stitches, without pulling on the fabric. The stretch straight stitch gives a stretchable, highly tear-resistant seam, which is very good for high belas-tete closing seams, reinforcements or bars.

**Changing the stitch length**

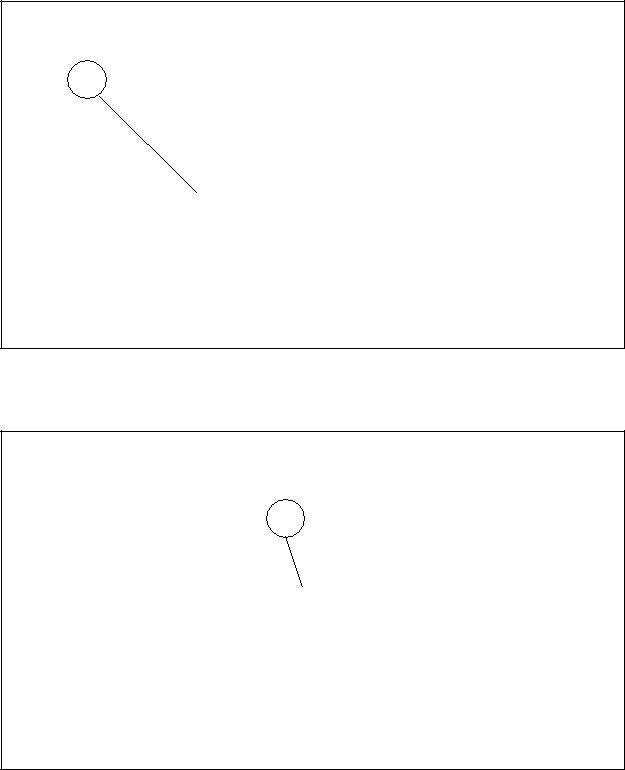
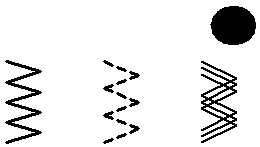
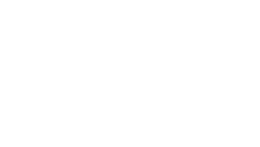
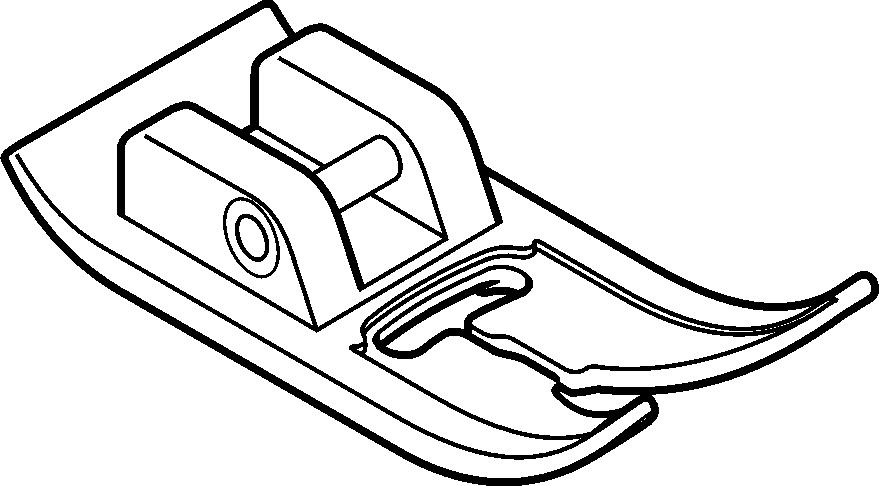
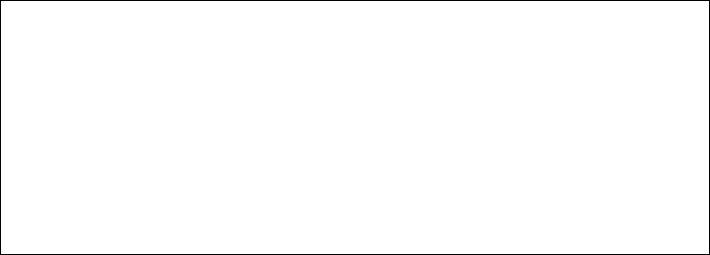
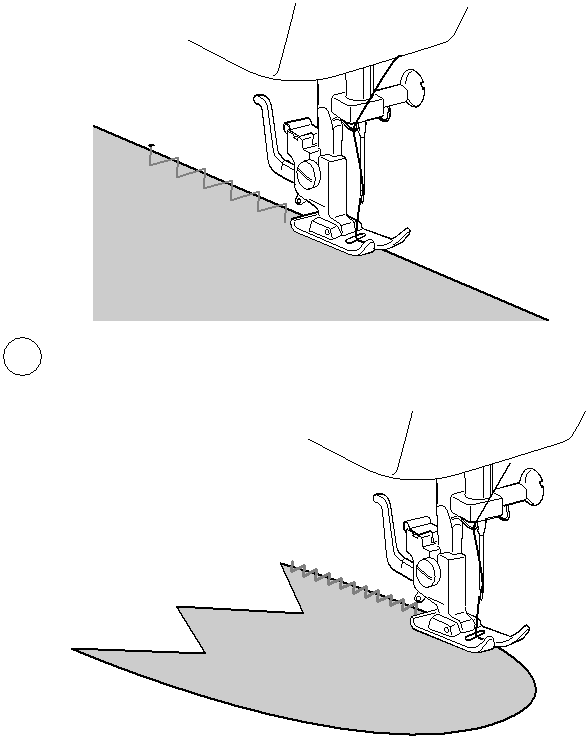
When stretch straight stitch by turning the

Stitch length knob of  by "+" or "-" increases the stitch pattern, or reduced.

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**zigzag**

C DC



Right needle entry

 zigzag



 Elastic zigzag stitch

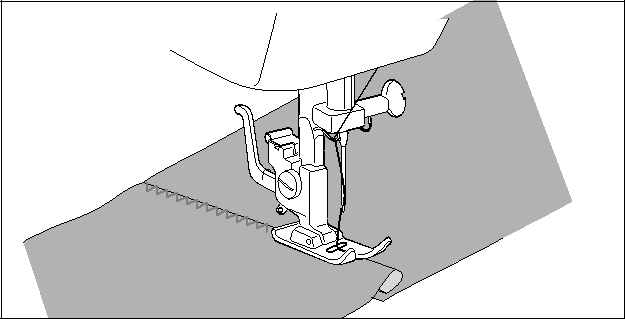
 Stretch zigzag

**neaten**

The zig-zag stitch along the edge of the fabric so sew that the right needle entry is just outside the fabric edge.

|  |  |  |
| --- | --- | --- |
|  | **applications** |  |
|  | The application before sewing by gluing or |  |
| Basting stitches attach. With the zigzag stitch the |  |
|  |  |
|  | Application as sewing, that the right Nadelein- |  |
|  | is random just outside of the application. |  |

**patchwork**

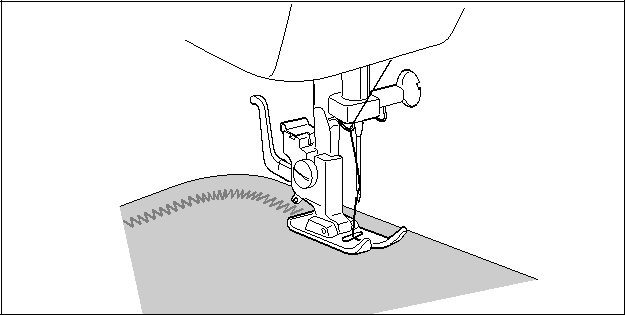


The seam allowance of the fabric fold, on the

lower fabric insert and so sew that the stitch

connects the two pieces of fabric together.

**Sewing curves**



For sewing corners should have a shorter stitch

length be adjusted to a finer engraving

to achieve. Slowly sewing and sewing

eighth round that the distance from

the seam edge of the fabric is uniform.

**Satin Stitch**

At stitch length knob must icon  on-

be made to satin stitch (close zigzag

stitch) to sew.

At the stitch pattern dial a zigzag stitch must

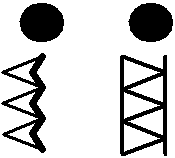
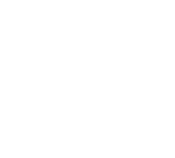
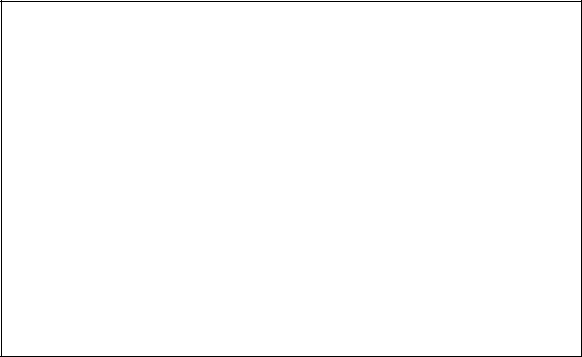
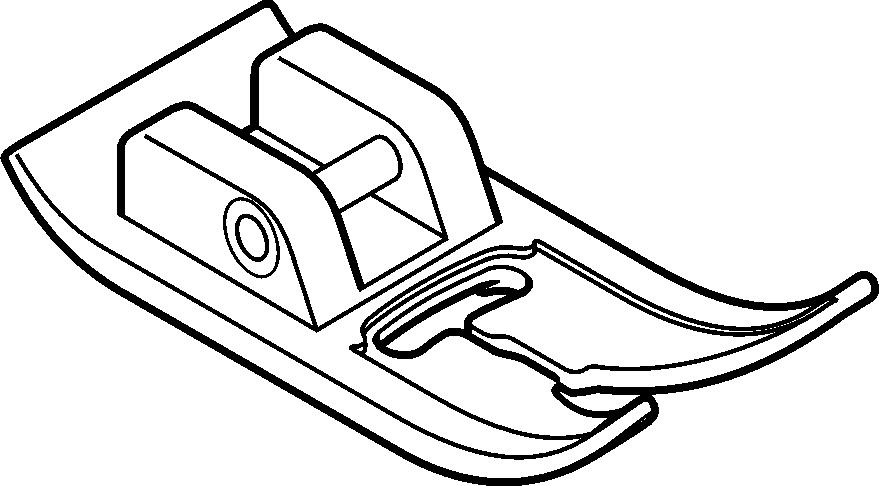
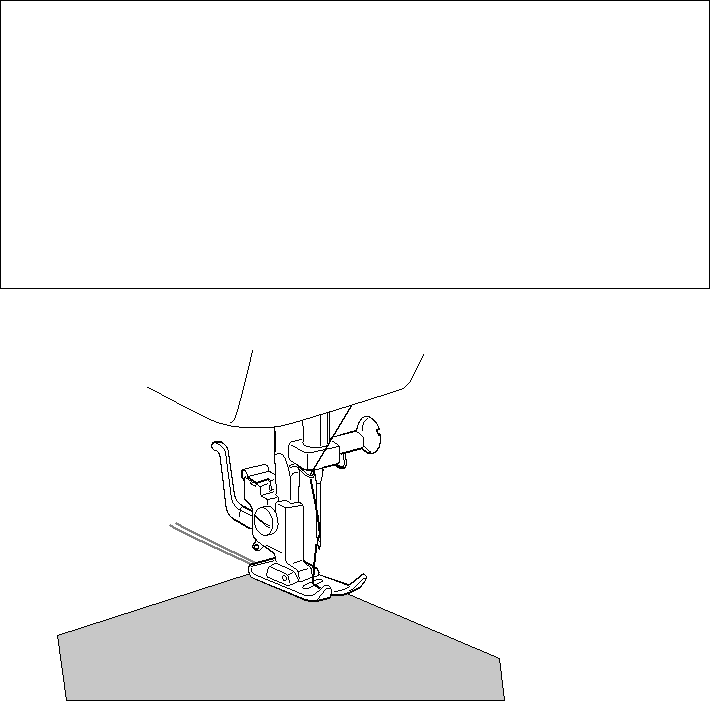
to be selected.

|  |  |
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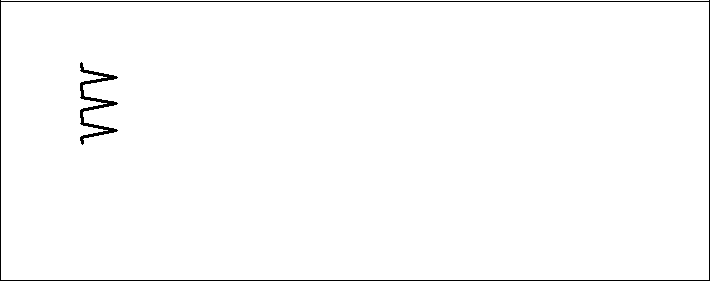


**Geschlossener- / Special overlock**

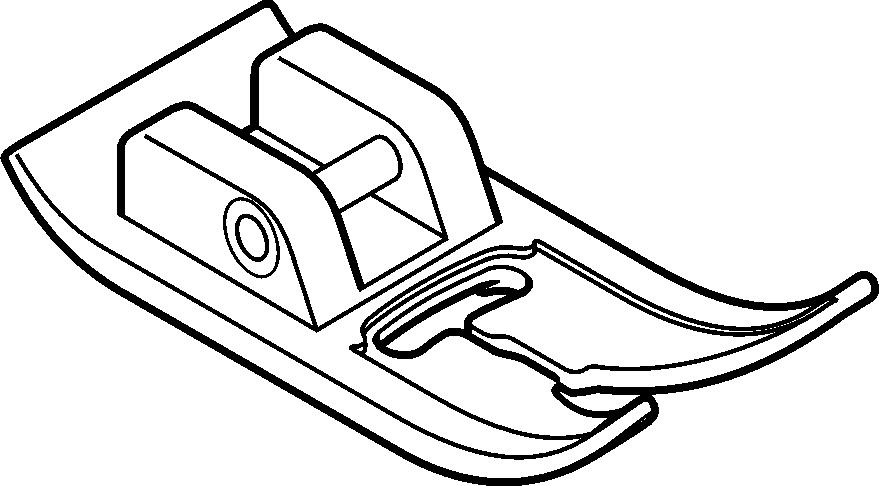
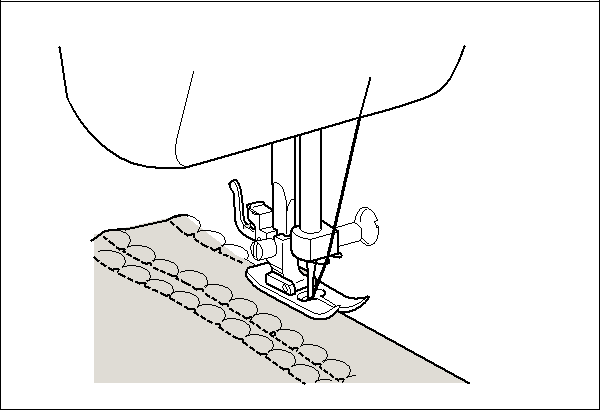
e G



**Lingerie stitch**



F



Geschlossener- / Special overlock: for sewing and finishing fabrics and fabric edges.



**Use of stitches**

use the standard presser foot, lower the Nähfußhe-bel and overcast so nä-hen that the right needle entry just carried off serhalb the fabric edge.

**Note**

Changing the presser foot is described "Replacing the presser foot" chapter.

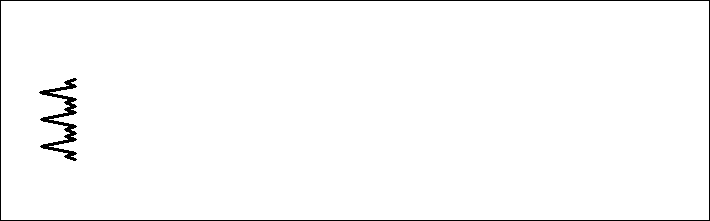


The lingerie stitch can be used as an overcast stitch blouses or lingerie made of fine material.

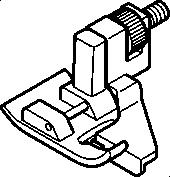
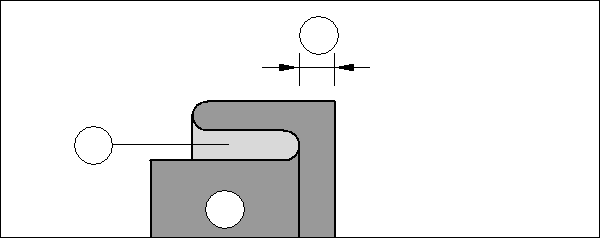
1. The fabric edge folding and stapling.
2. located so the fabric under the presser foot so that the right groove is slightly above the folded edge of the fabric also.
3. The curvature of the edge of the fabric requires a higher thread tension than normal.
4. sew at a slow speed.

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**Elastic blind stitch**



e



about 5 mm



Right side of fabric



Polymer back

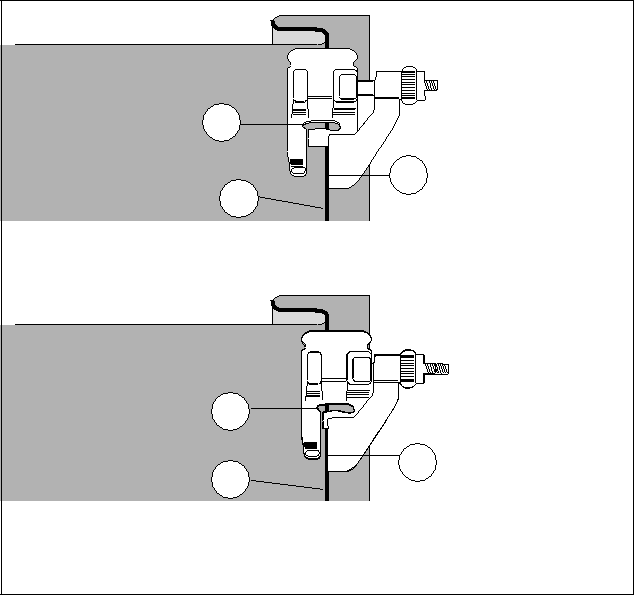


1. Place the fabric with the back up. The edge of the fabric to the desired seam width fold as shown in the figure. In order to sew clean, the fabric and the hem before ironing or staple.

**Note**

Changing the presser foot is described "Replacing the presser foot" chapter.

1. Insert the blind hem. Position the fabric that the guide of the presser foot rests on the hem, and lower the presser foot.
2. The needle should be minimal prick in the edge of the hem fold.

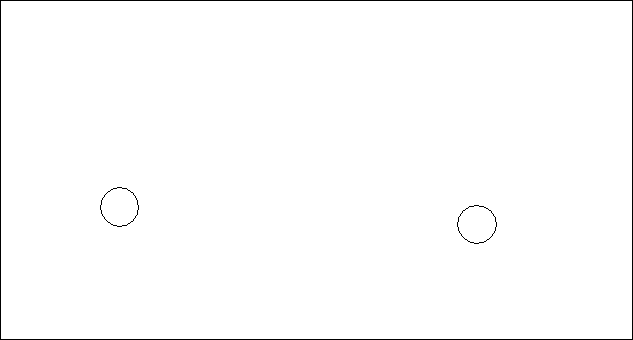


wrong, that the needle too far into the hem

correctly, that the needle just under the hem

leadership hem

needle position



Polymer back

Right side of fabric



Note

By turning the screw on Blindhem, the right and left with the needle to be determined.

1. May remove the stitching thread and turn the fabric.

Blind stitches can not be sewn if the left needle drop point does not he sums-the hem.

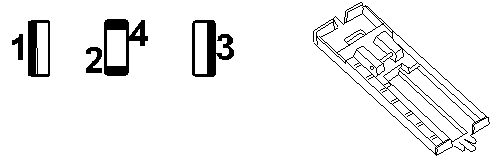
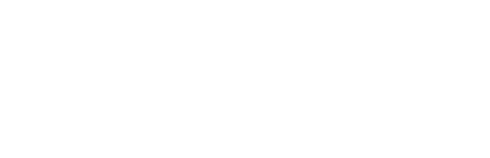
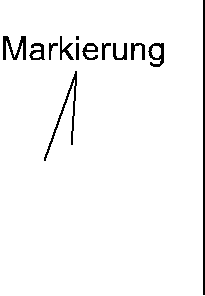
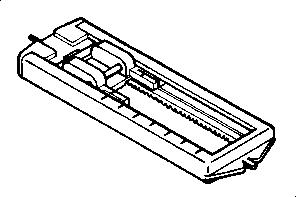
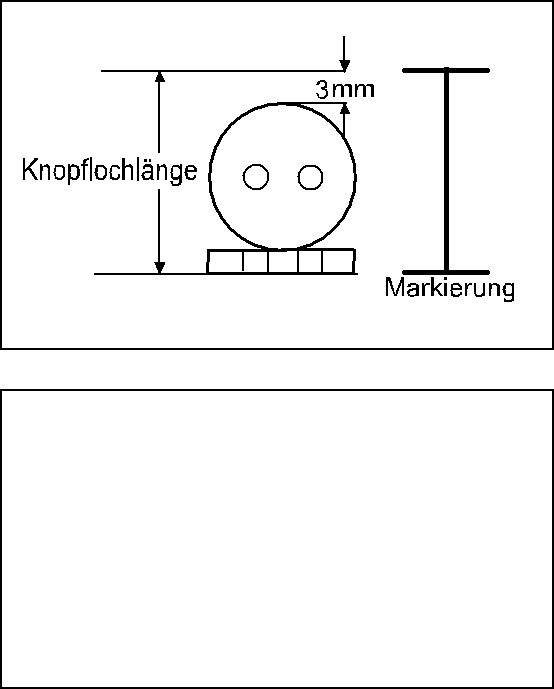
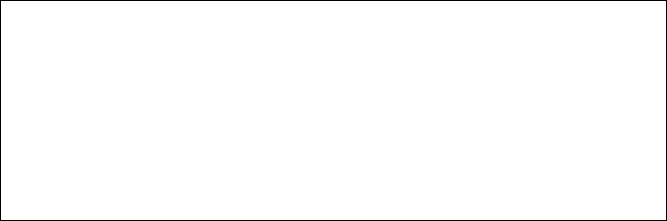
Captures the needle too much of the hem, a very large and unsightly seams on the front page of the substance appears.

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**buttonholes**

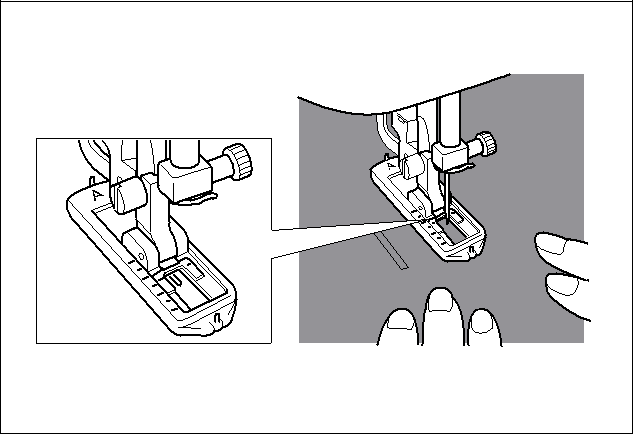
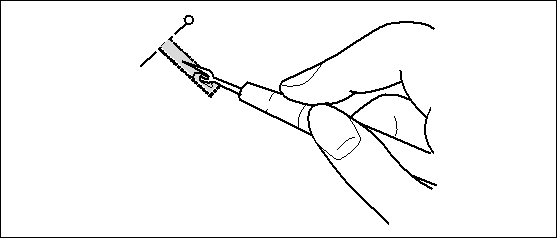
**4**



**1****3**



**2**



**Set button length**

Measure the diameter and thickness of the button and add 3 mm. Mark the he-mittelte buttonhole length on the fabric.

**use buttonhole foot**

Push back the outer frame of the buttonhole foot completely.

so place the fabric under the foot, that the marked buttonhole is exactly in the middle of the foot. The colored marker marks the beginning of the buttonhole.

Place the thread under the foot and then drag left or rear.

It is recommended to try sewing a buttonhole on a remainder of the fabric.

At stitch length knob setting  make.

**Step 1**



* At the stitch pattern dial set and the left-hand web (1) sewing.

**step 2**

* At the stitch pattern dial sewing set and the front latch (2).



**step 3**



* At the stitch pattern dial sewing set and the right-hand web (3).

**step 4**

* At the stitch pattern dial set and the rear bar (4) sewing.

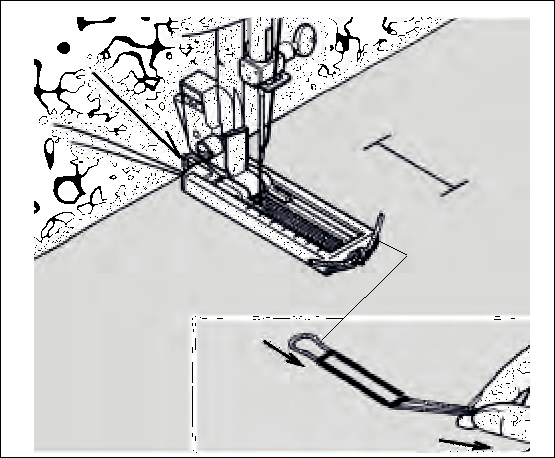
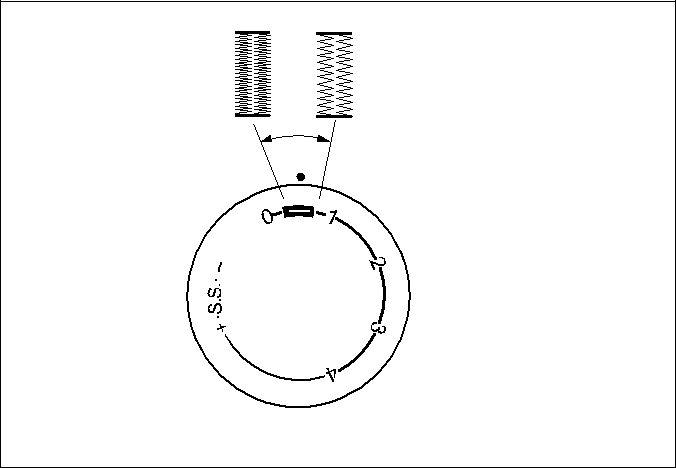


insert a pin at the inner edge of the front and rear transverse bar in the buttonhole. With the separating knife in the center of the button hole and pierce the buttonhole in one and then in the opposite direction to the insertion needle through cut.

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**buttonholes**

spur



cord

**select stitch length**

the stitch length of the bead / the web can be varied by turning the knob in the direction of the stitch length "0" or "1".

**Sewing stretch fabrics**

When buttonhole sewing stretch materials insert a cord in the Knopflochsaum.

Raise the buttonhole foot and hook the cord in the spur, which is located behind the presser foot. The lead ends of the cord under the buttonhole foot forward and link temporarily the prede-ren Knopflochfußende. lowering the presser foot and the buttonhole sewing (see previous section).

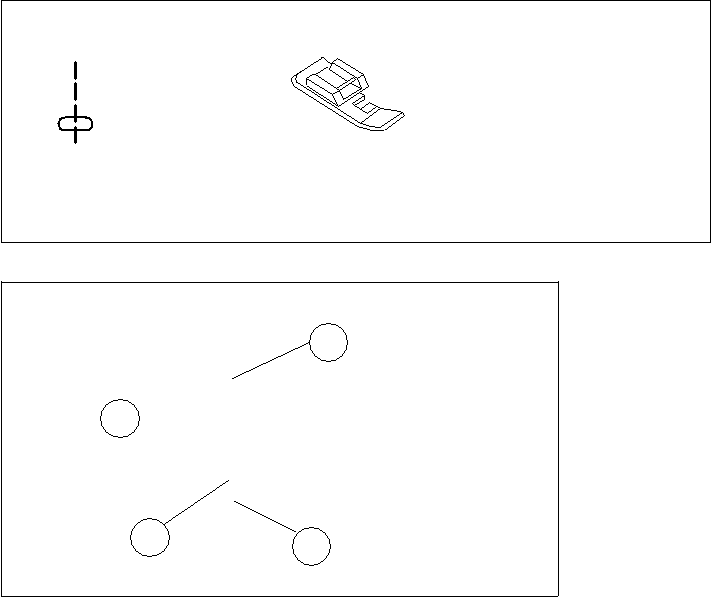
easily move to completion of sewing the drawstring to tighten around the thread and cut off the excess cord ends.

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**Zipper insertion**

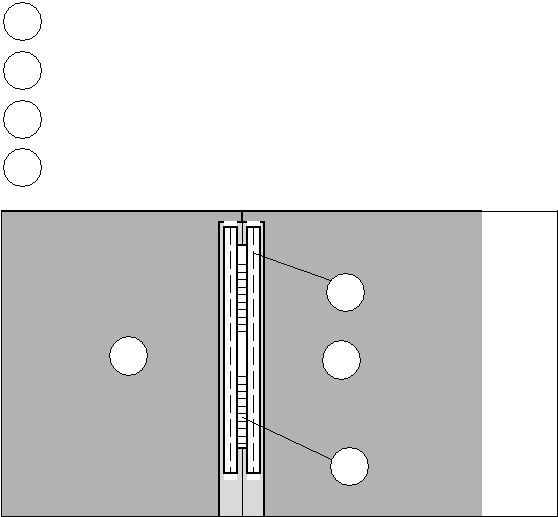
A



Zipper crotch reinforcement stitches

basting

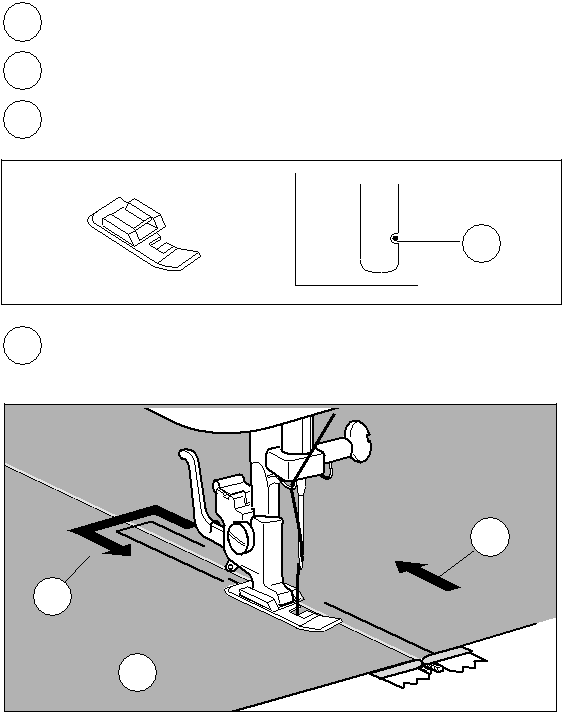
Polymer back





Zipper basting

Polymer back



Needle drop position

Fabric top



sewing direction



**central sewing**

Note: Only A stitch with stitch width 5 (center) use.



Be sure to rotate the handwheel and check that the needle does not touch the presser foot.

1. With the standard presser foot to tear closure crotch straight stitches to sew and sew reinforcement stitches by pressing "Reverse". Then up to the edge of the fabric next tack.
2. unfold the seam allowance, put the zip-lock in the middle and staple.
3. Remove the standard presser foot, zipper foot to the presser foot one-and fasten. On the fabric top is approximately 8 mm to 10 mm from the seam allowance ent removed-sew. pull the basting thread out. Sew in the specified direction.

**Attention**

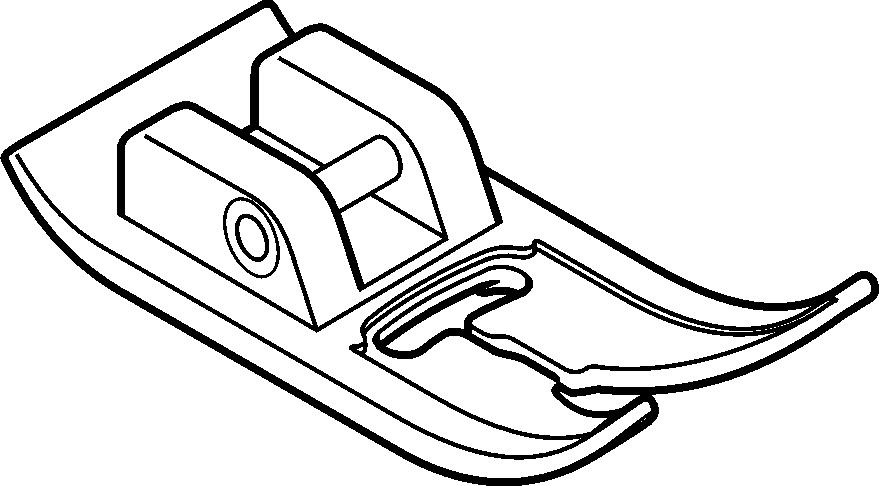


* The needle should not touch the zipper teeth. You could break and lead to further injury.
* When using the one-sided zipper-closing her foot making sure that the straight-stitch is set (center) with the stitch pattern "A" and stitch width. 5

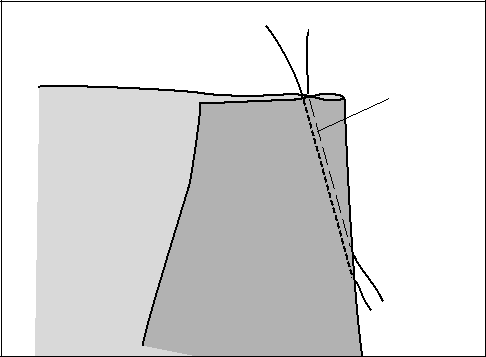
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**dart**

AA



1. Insert the standard presser foot. initially short



Reverse stitching ( "reverse" button) and then

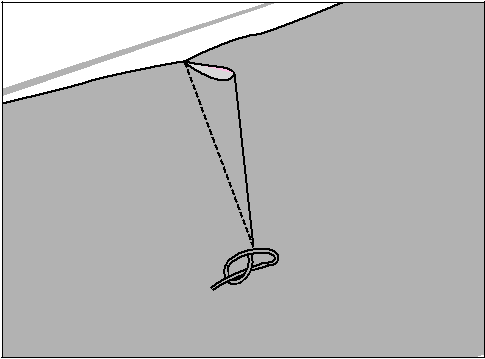
the dart along the marked line from the wide end to the tip sewing, without moving the fabric.



baste

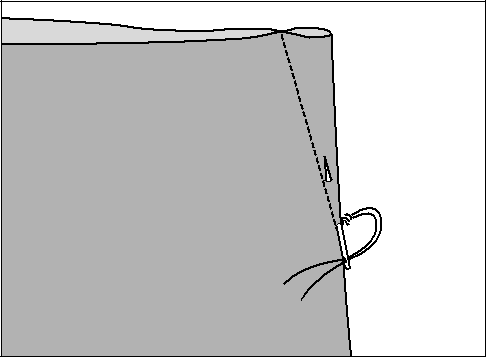


2. At the end of the seam not sew backwards. The



Cut threads so that the thread ends

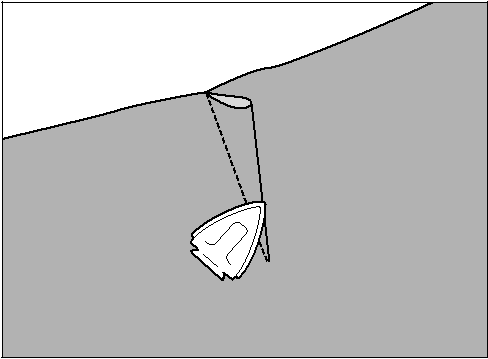
50 are mm long and tie both threads.



3. The thread ends with a needle in the

Pull darts.

4. Iron the dart to one side so



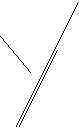
that it rests flat.

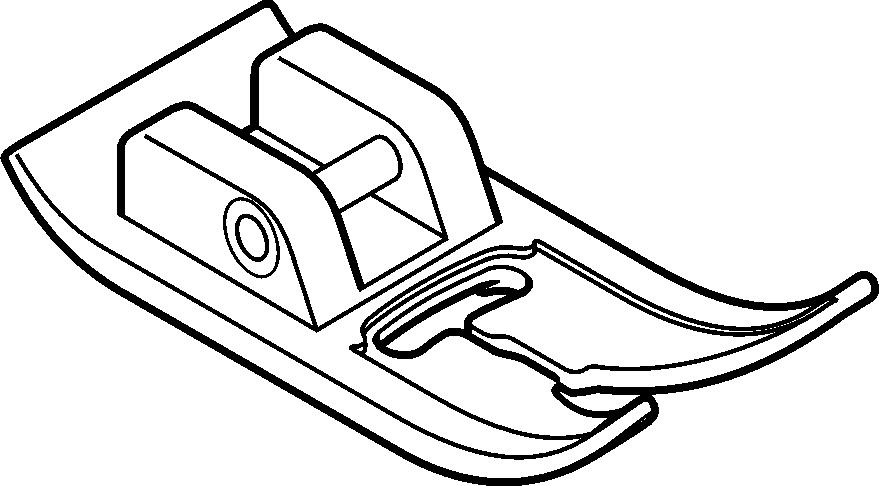
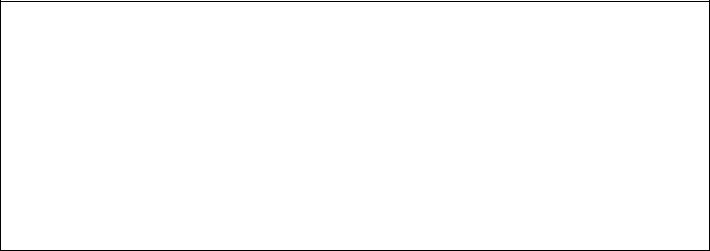
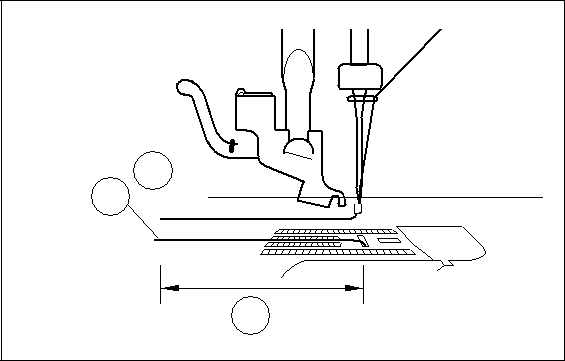
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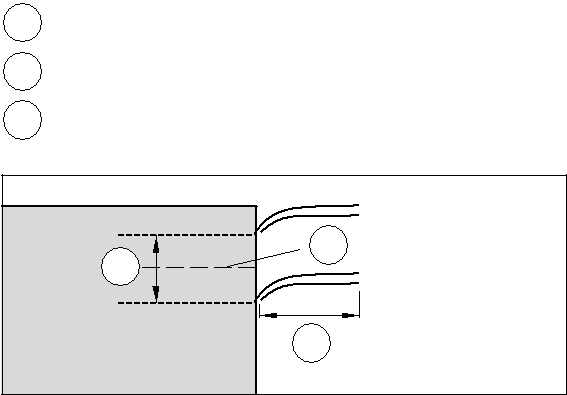
**frizz**

1. A

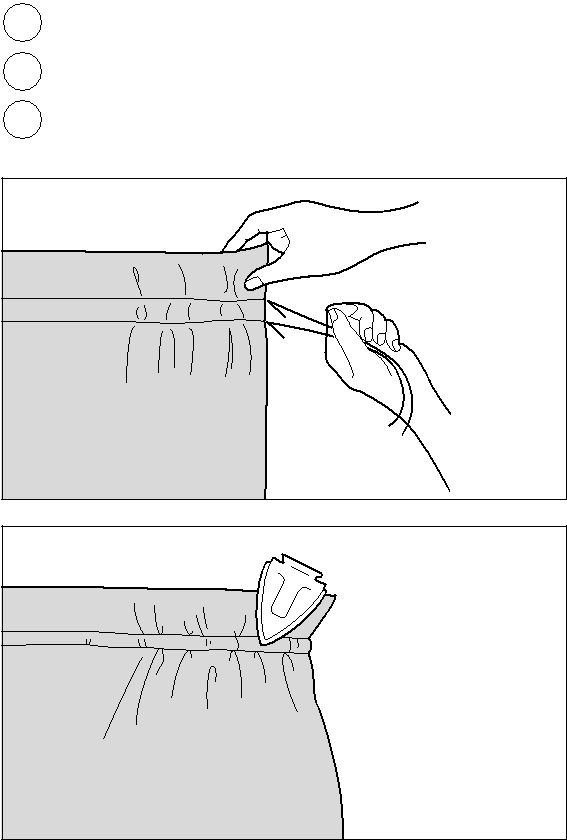




Upper thread Lower thread about 80 mm



Graduation line 10 to 15 mm about 80 mm



Curl: for apron frets, shirt sleeves, etc.



1. When crimping is sewn with great stitch length and looser thread tension.

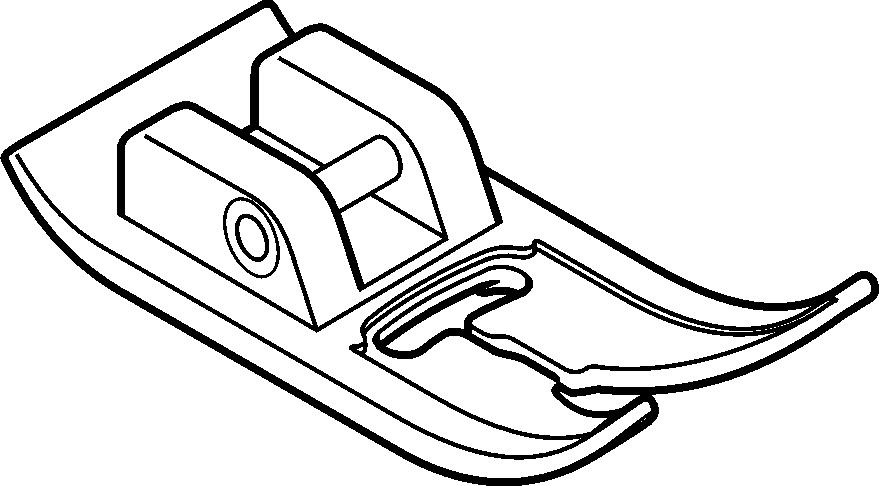
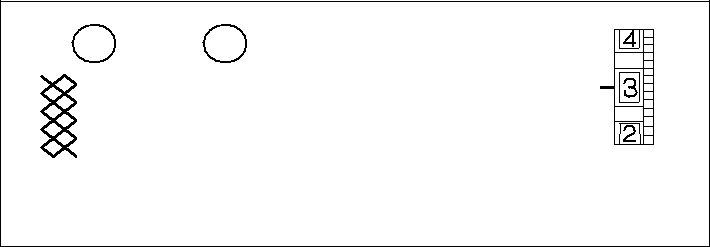
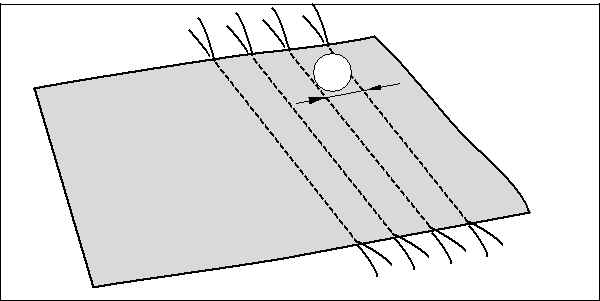
set the stitch length to 3 to. 4

1. use the standard presser foot. Upper and lower thread must be pulled out about 80-mm.
2. set the upper thread tension dial on a loose thread tension (for example 1 or 2).
3. Above and below the cutoff line, respectively sew a parallel straight stitch, and cut the threads so that about 80 mm remain on the fabric.
4. pull at each of the lower threads of the two Geradstichnähte, clauses kräu-order the material for and to knot the threads.
5. The folds Arrange evenly and iron the fabric.
6. align the crimp uniformly and fix it with a straight stitch.

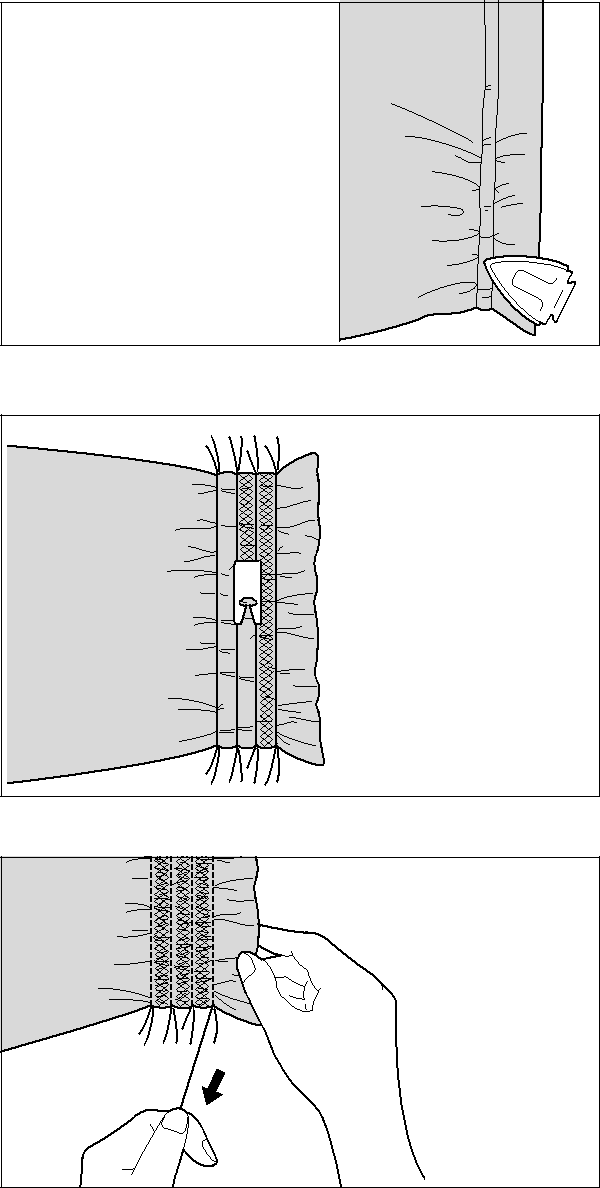
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**secure curl**

D H



10 mm distance



diamond engraving



**Embellishment of garments**

1. Straight stitch select stitch pattern, set the stitch length to 4 and set a loose upper thread tension. Replace the standard presser foot.
2. sewing with a distance of 10 mm straight stitches.
3. Pull the lower threads to the fabric as desired to pull together and iron the wrinkles smooth.
4. sewing between the Geradstichnähten with the stitch (diamond engraving) on ​​the crimped material.
5. Finally, the straight stitch-pull.

Note: If the stitch or fall further in-close, the stitch length button to the right and left

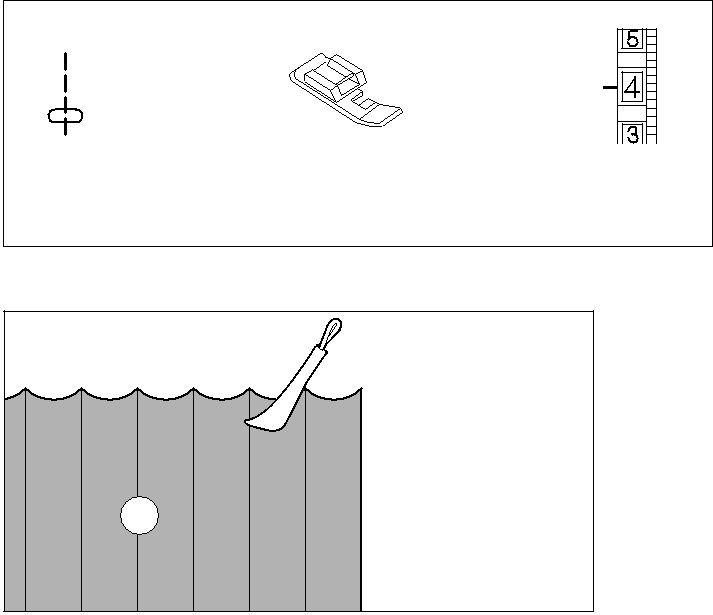


from "-" Setting the icons on the "+" or.

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**Biesen**

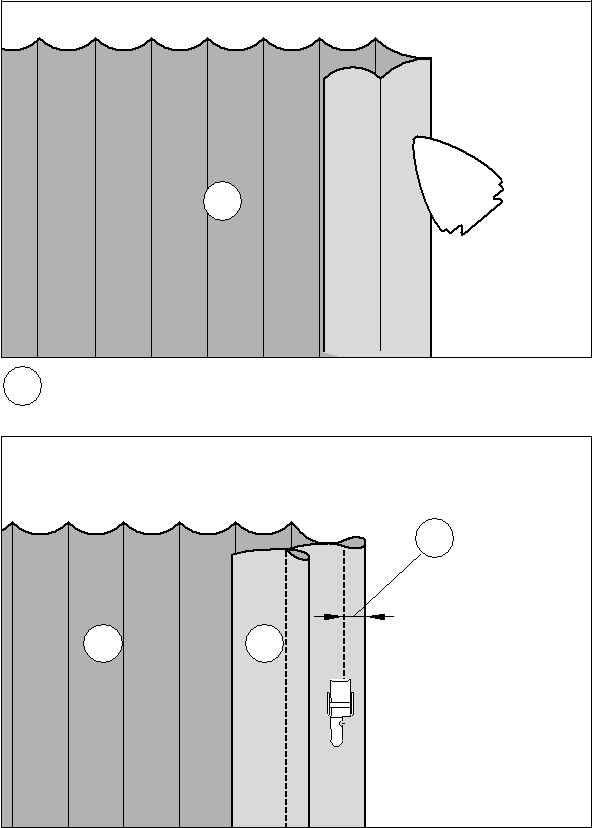
A



Side of the fabric

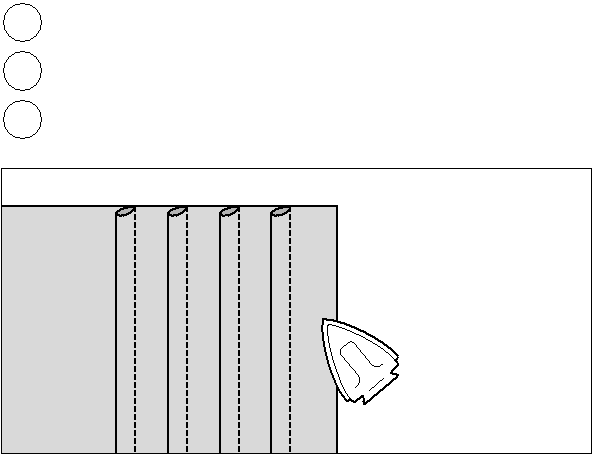


Fabric top



Width of the piping

Side of the fabric top cloth



**Decoration of blouses, shirts, etc.**

1. Mark the folds on the back of the fabric.
2. The fabric top side up fold, and iron wrinkles.
3. Insert the one-sided zipper and sew with the straight stitch "A" along the respective fold.



**Attention**

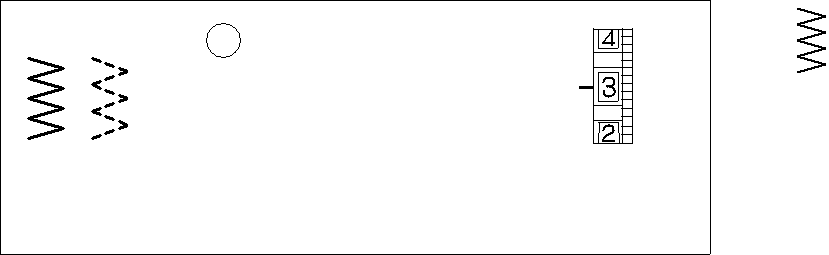
When using the one-sided zipper-closing her foot, ensure that only the straight stitch stitch pattern "A" and stitch width is set (in the middle). 5

Turn the balance wheel and check that the needle does not touch the presser foot.

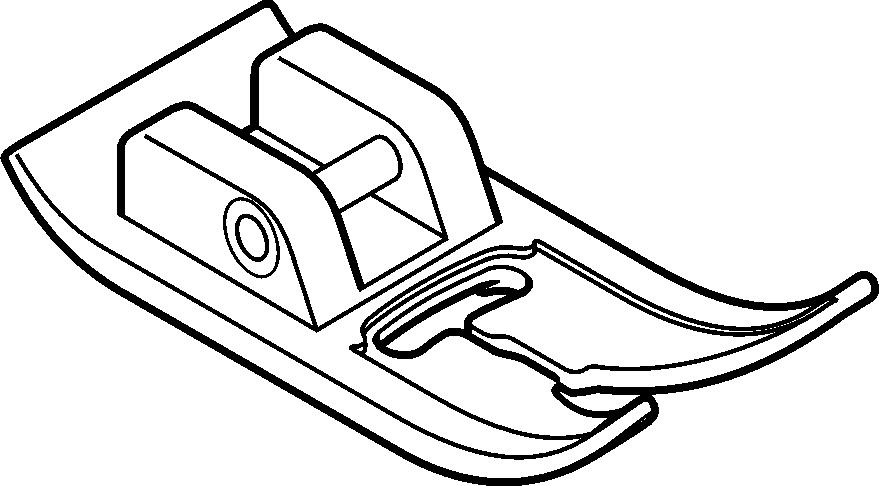
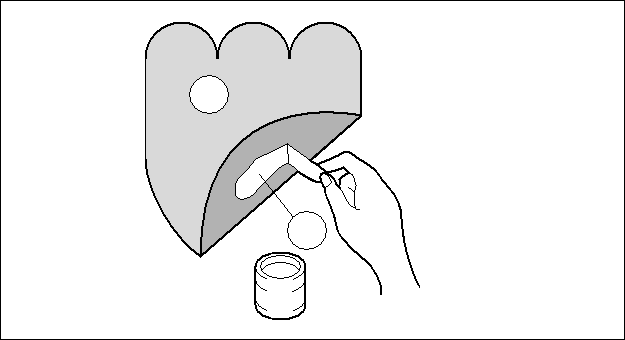
1. The wrinkles iron, so that they lie flat in a Rich-tung.

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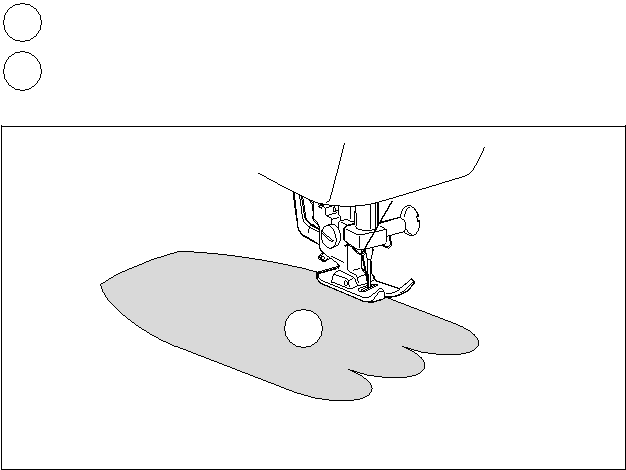
**applications**



CD F

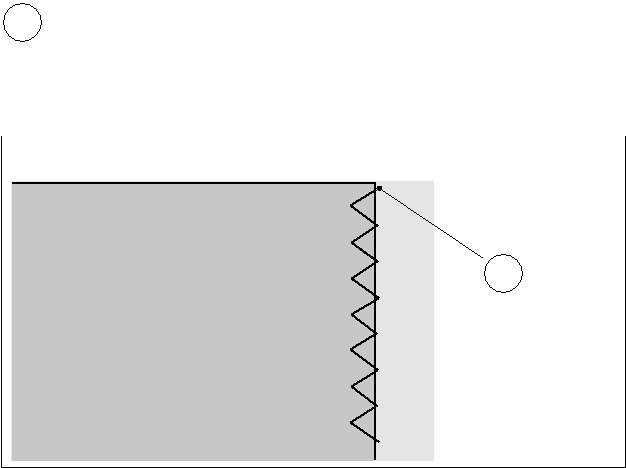


Application of fabric glue



|  |  |  |  |  |  |
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application material



zigzag

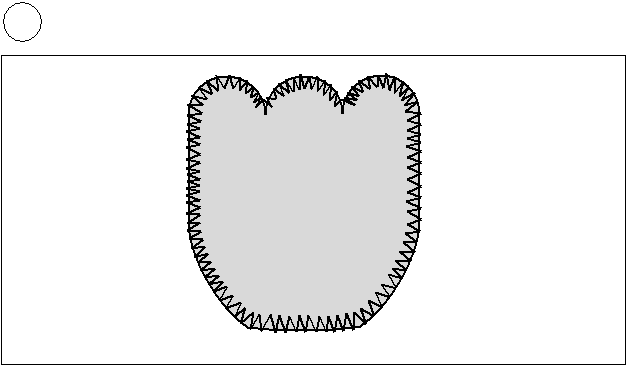


Elastic zigzag stitch

An application is made by a piece of contrasting material cut and sewn as a decoration on a garment or other work.

1. The application basting or fabric glue to attach the fabric to prevent them from slipping while sewing.
2. use the standard presser foot. check before sewing, the needle entry is just outside the application. sewing along the cutting edge with a zigzag stitch and low stitch length.
3. The sewing end by reinforcing stitches.

|  |  |  |
| --- | --- | --- |
|  | **Corners and curves of applications** |  |
|  | Stop the machine and the needle just under |  |
|  | position outside the application. |  |
|  | Slightly lift the presser foot and turn the fabric, |  |
|  | the correct needle position to be observed. |  |
| needle drop | **Note** |  |
|  |  |
|  | A thin shim material which subsequently ( |  |
|  | can be easily removed) helps the |  |
|  | Position of stitches along the application better |  |
|  | observed. |  |

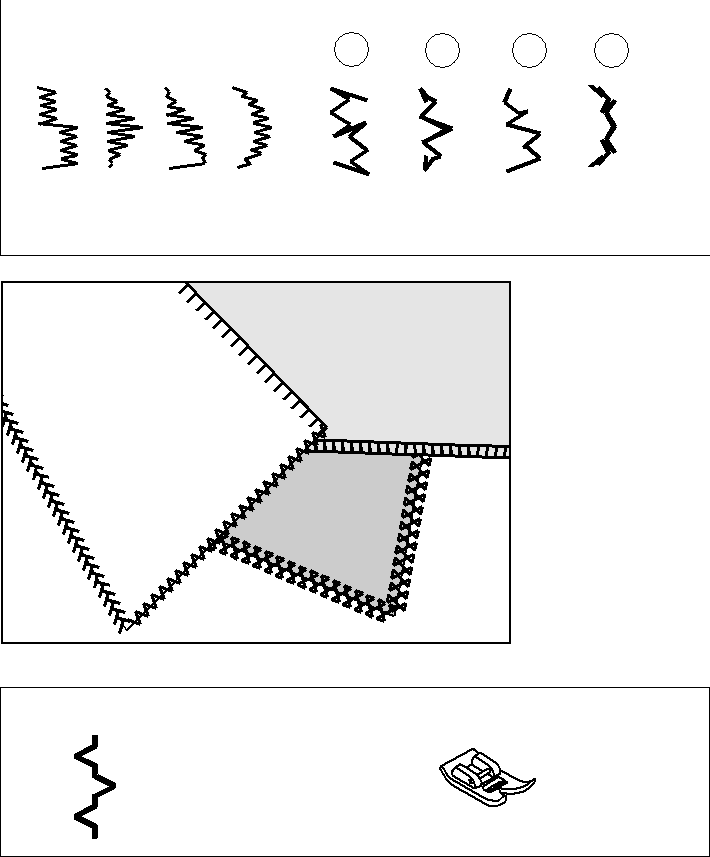
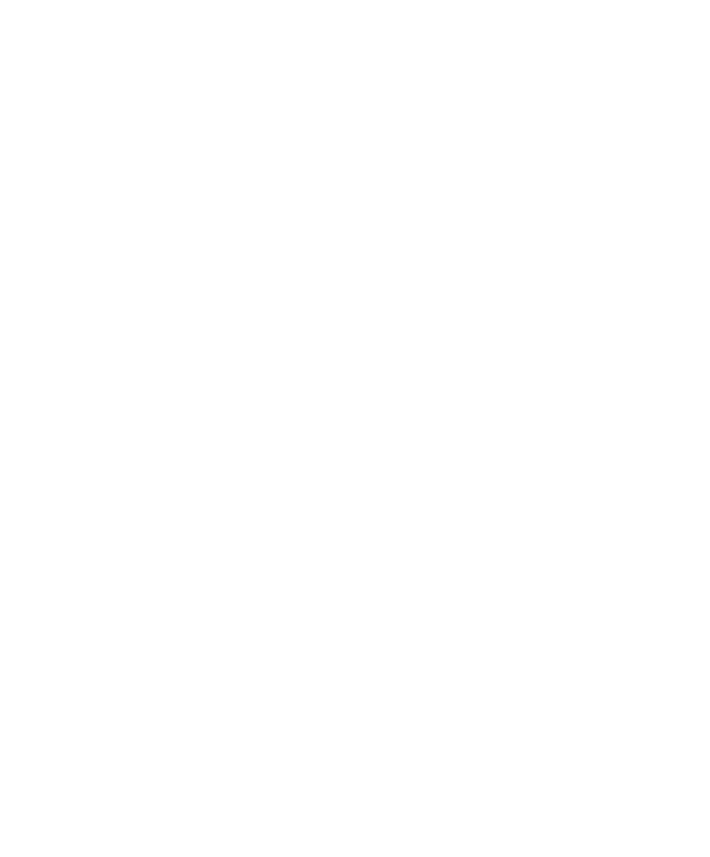


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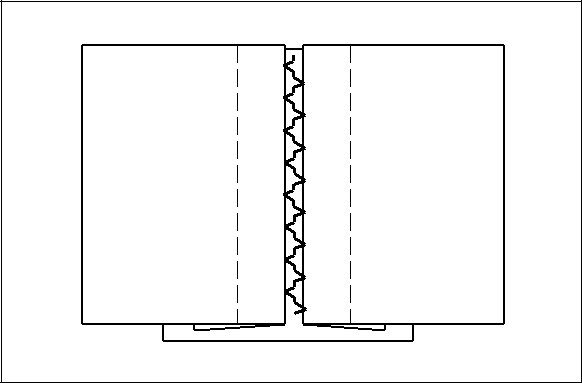


**Decorative stitches and decorative stitches**

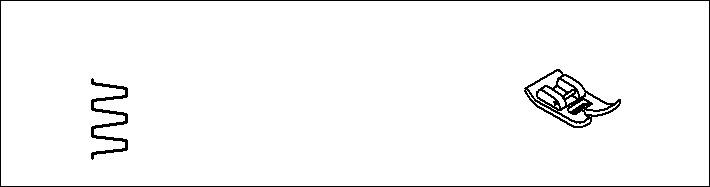
IJKL I J K L



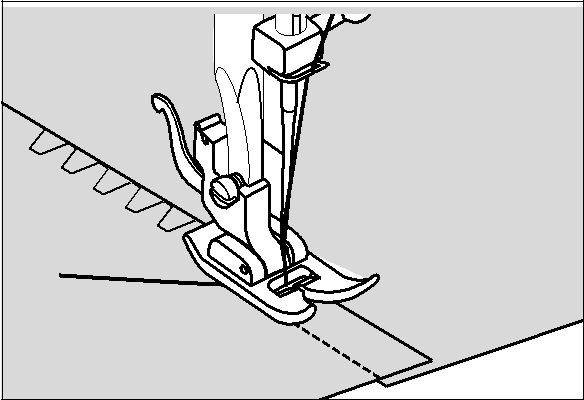
I



**inseam**



G



These stitches are used for quilted fabrics and decorative stitching. Especially nice look the stitches when contrasting colors and decorative embroidery yarn are used.

**Foundation elastic**

For joining fabric pieces and ornaments.

1. 1.5 cm Fold the edges of the two pieces of fabric and iron smooth.
2. The two pieces of fabric at a distance of about 0.2 cm on paper or the like, later removable carrier material stuck.
3. The two pieces of fabric sewn together, that the outer zigzag stitches in the converted suppression genes edge insert and the middle seam between the fabric edges is located.

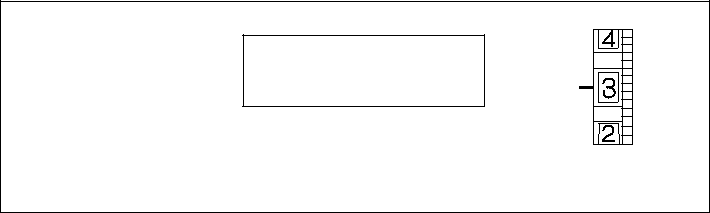
**inseam**

For joining materials.

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**Patch and plug**

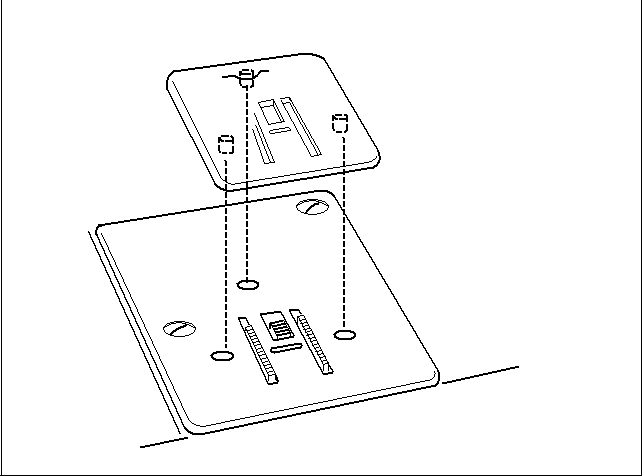
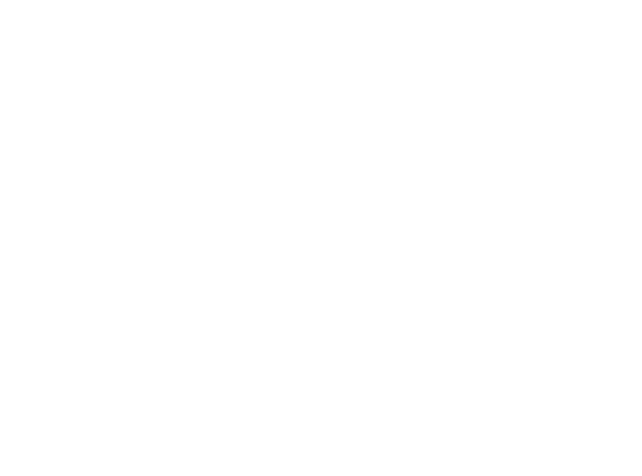
A



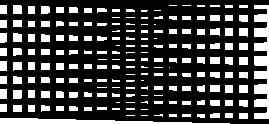
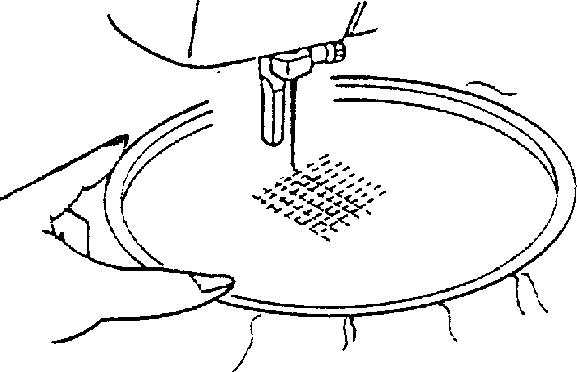
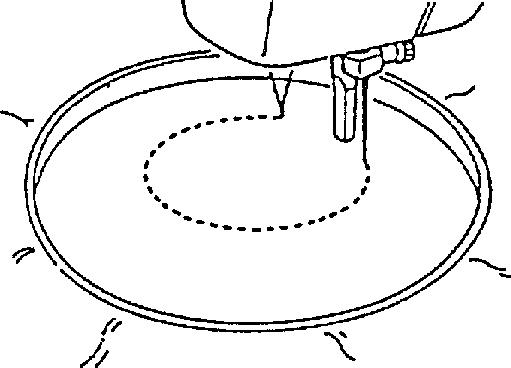
without presser foot,



without foot holder



use carrier cover



**Patch and plug with embroidery frame**

To plug holes.

1. Raise the presser foot. Insert the carrier cover for covering the transporter.
2. Cut out to be stuffed hole of fringes and the fabric tautly in an embroidery hoop stretch the edges of the. It is recommended to lay below the damaged area fusible web, or ironing.
3. Remove the presser foot holder (see page 13) and lower the presser foot.
4. The area to be filled, not sew with too large gain stitches.
5. Longitudinally spaced, equal length tightly sew lines. lead the hoop with smooth movements so that the justification location receives a good appearance. Avoid round movements holes at the reversal points.
6. fill the hole by sewing transverse lines.

**Note**

After completion of the work, the carrier-cover found.

**Please note**

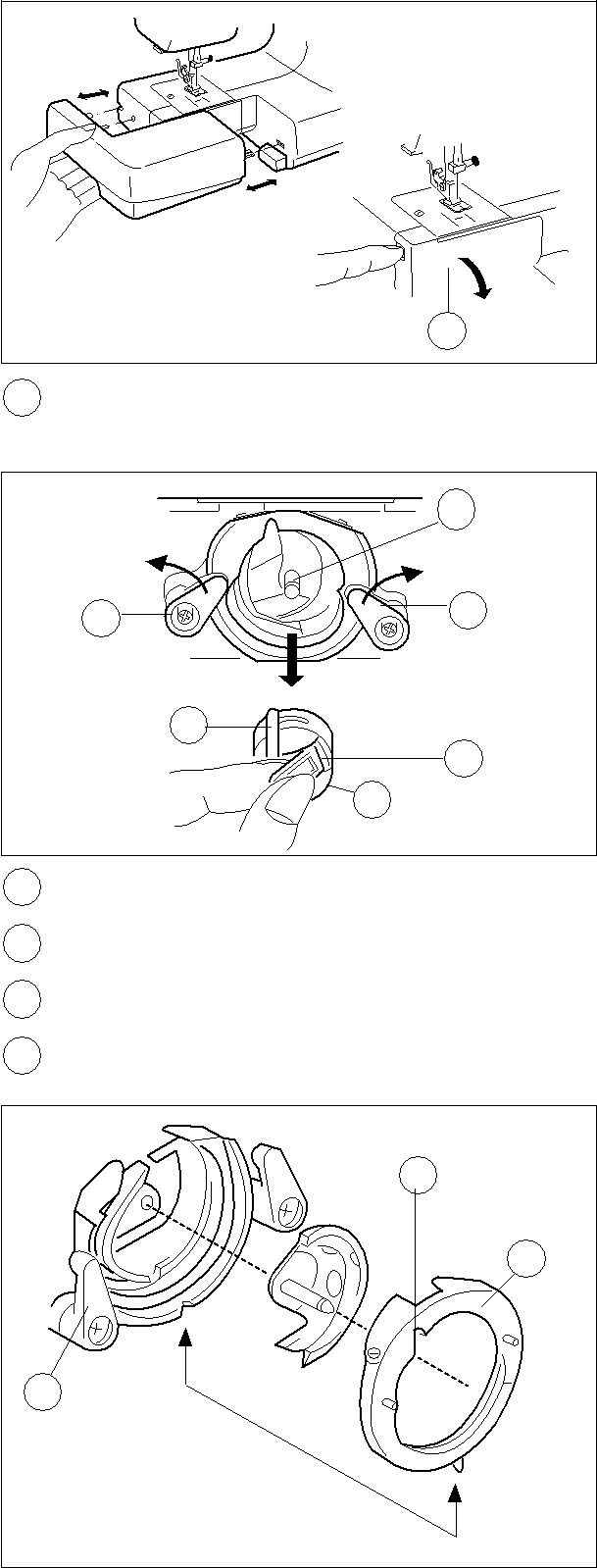
The embroidery frame is not included.

|  |  |
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**maintenance**

Switch off the unit before cleaning and mains plug!



**Cleaning the Machine housing**

In case of contamination, the housing of the sewing machine wiping with a damp cloth. swipe-with a dry cloth. Do not use any organic solvents or detergents.

Open the clam-shell cover

Axis gripper housing bobbin case latch

bobbin case

Bobbin case finger

**Clean the gripper**

The gripper must be kept clean. If, accumulated dust on the hook as follows clean.

1. **Important:** The needle with the handwheel in thebring highest position.

Raise the presser foot and the power switch off ( "0").

1. Needle, presser foot and extension table ent far-.
2. open the gripper cover.
3. Open the bobbin case latch and pull out the bobbin case.
4. The two clamping bolts to the side to rotate so that the annular cover is released.
5. Remove the ring cover.

clamping bolt

Recess in the annular cover ring covers



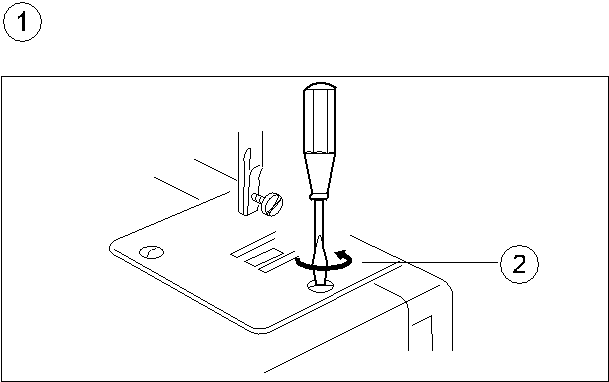
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**maintenance**

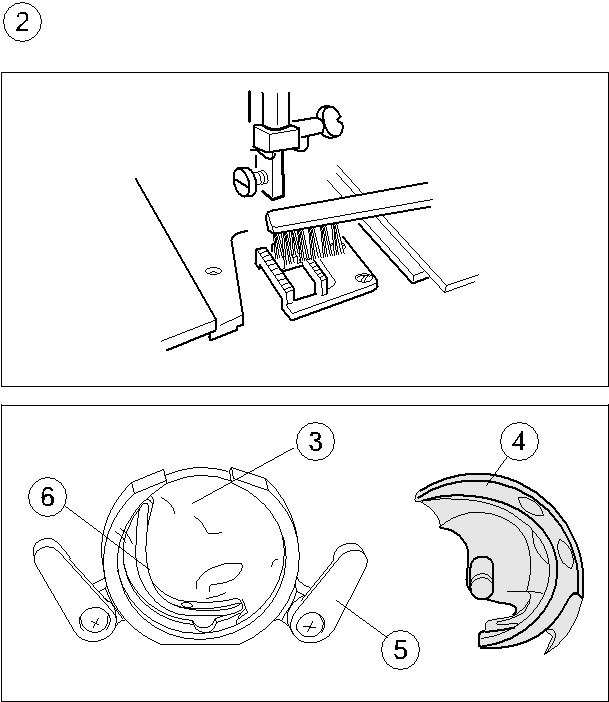
1. hold the gripper at the central axis and pull out.



central axis



needle plate



gripper housing



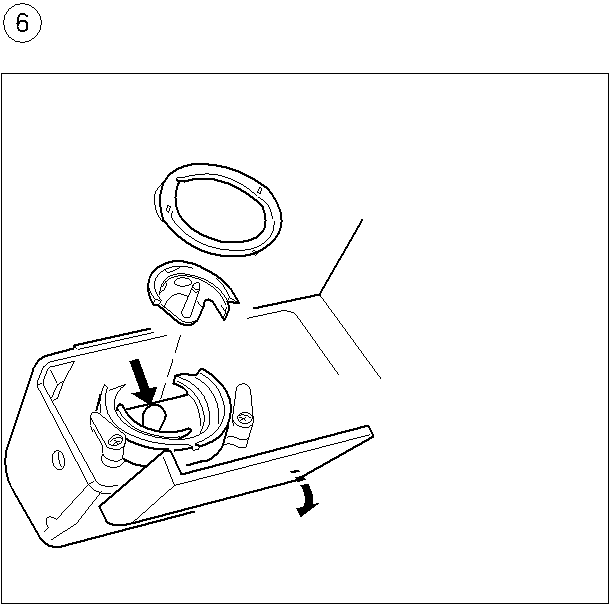
grab



clamping bolt



driver



order when

Deploy



1. Loosen the screws of the needle plate and remove the needle plate.
2. Dust, lint, all the accumulated pulp fibers and yarn remnants of coils capsule lid ring, gripper, conveyor and gripper path removed with a brush or brush.
3. soaked for cleaning gripper and race one, in sewing machine oil, use cloth.
4. Install the needle plate.
5. On the outside of the gripper a Trop-fen give oil. Grippers and ring lid put on and find means of clamping bars. (The ring cover is easier to use, when the bottom feed upwards ge-cut.)
6. Insert the bobbin case and housings cover close.
7. use extension table
8. Insert the needle and presser foot again.

**Hints**

Caution: When inserting the bobbin must be very careful attention be paid to ensuring that the bobbin case finger into the recess in the annular-cover-slips into (see page 17).

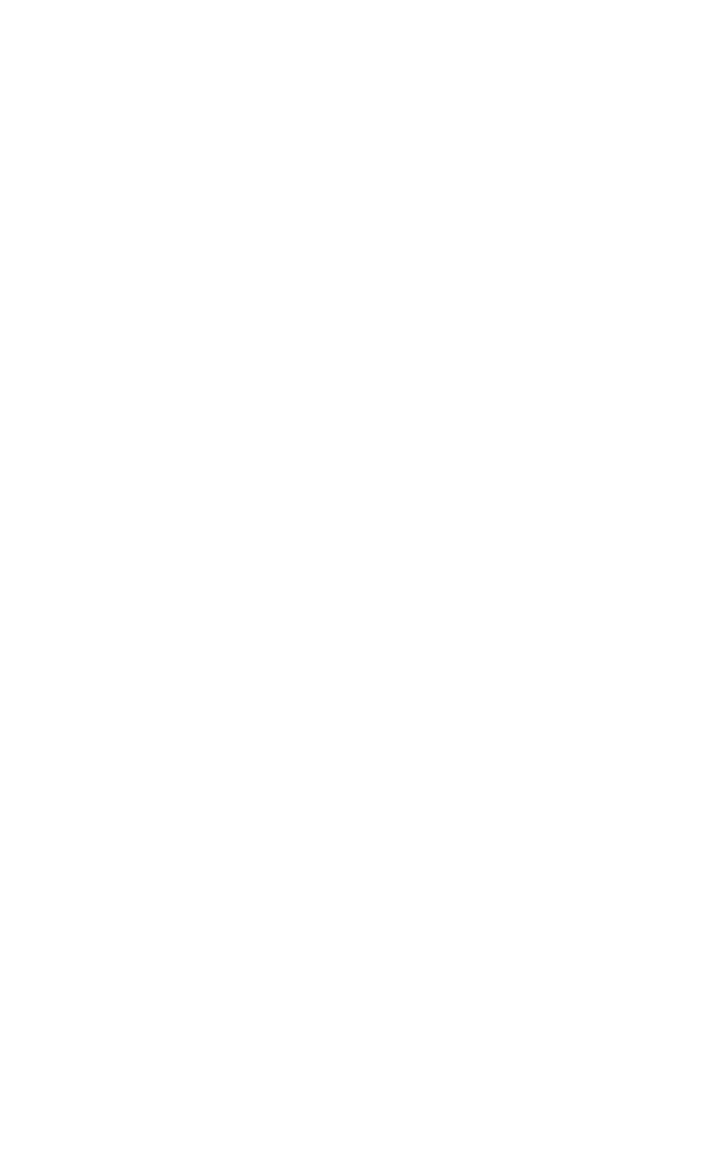
If the bobbin inserted incorrectly, this leads to problems when sewing.

Dust and lint in the area of ​​the gripper can cause uneven stitches.

|  |  |
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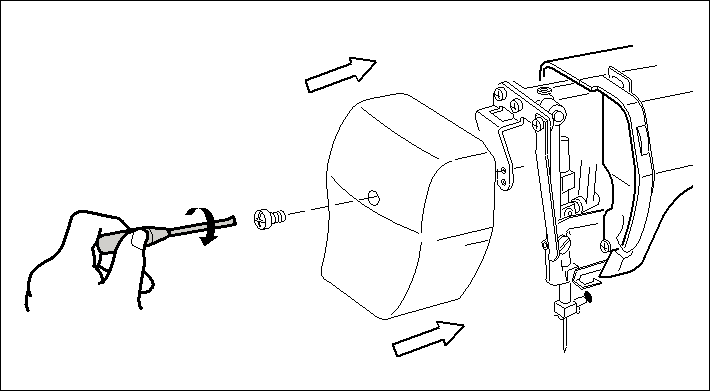
**Replacing the bulb**

cap



light bulb 

arrow



**Caution!**



• The machine off at the power switch and unplug the power cord.

* Leave to cool the bulb to avoid Ver-injury.
* There must be no more powerful bulb are used.

**method**

1. Turn the machine off at the power switch and unplug the power cord.
2. Loosen the screw with a screwdriver and remove the head cover.
3. The bulb used and remove the screw in the replacement bulb. The arrow indicates the movement of the wheel in-and when pulled out of the bulb needs to be performed.

4. Replace the head cover and secure it with the screw.

 **Note**

Use only light bulbs 230V, 15W BA.

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**Troubleshooting**

**Problems with threads and stitches**

Before you initiate a maintenance or repairs, check the following points. If the problem persists, contact the nearest service center.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **problem** | **Likely cause** | | **remedy** | |
| **1. Upper thread breaks** | 1. Upper thread is not threaded correctly. | | 1. | Thread the upper thread again. |
|  | Second | Upper thread is tangled. | Second | Remove the thread ends and thread |
|  |  |  |  | Readjust the upper thread. |
|  |  |  |  |  |
|  | Third | Spool of thread is not correctly inserted. | Third | Fit the spool properly. |
|  |  |  |  |  |
|  | 4th | Wrong needle is used. | 4th | Insert a proper needle. |
|  |  |  |  |  |
|  | 5th | CB hook is damaged. | 5th | Contact the customer support. |
|  |  | |  |  |
| **2. Lower thread** | 1. Upper thread is tangled. | | 1. | Remove the thread ends and thread |
| **rips** |  |  |  | Readjust the upper thread. |
|  | Second | Coil is not right in the bobbin case | Second | Place the bobbin properly in the bobbin case |
|  |  | inserted or threaded. |  | , and pull out the bobbin thread. |
| **3. Missed stitches** | 1. Needle is not correctly inserted. | | 1. | Insert the needle properly. |
|  | Second | Wrong needle is used. | Second | Insert a proper needle. |
|  |  |  |  |  |
|  | Third | Wrong needle / thread / fabric combination. | Third | Watch the fabric, needle & Garntabelle on page 14 |
|  |  |  |  |  |
|  | 4th | Lint and dust are at the bottom | 4th | Clean the underside of the needle plate with |
|  |  | the needle plate. |  | the cleaning brush. |
|  |  |  |  |  |
|  | 5th | Upper thread is not threaded correctly. | 5th | Thread the upper thread again. |
| **4. raises fuel** | First thread is not threaded correctly. | | 1. | Thread upper and lower threads new one. |
| **wrinkles** | 2. Wrong needle is used. | | Second | Insert a proper needle. |
|  | Third | Wrong needle / thread / fabric combination. | Third | Watch the fabric, needle & Garntabelle on page 14 |
|  |  |  |  |  |
|  | 4th | The thread tension is set incorrectly. | 4th | See chapter, "thread tension" on page 24th |
| **5. Thread tension** | 1. Upper thread is not threaded correctly. | | 1. | Thread the upper thread again. |
|  |  | |  |  |
| **is not right** | 2. bobbin thread or coil is not inserted correctly. | | Second | Place the bobbin properly in the bobbin case |
|  |  |  |  | , and pull out the bobbin thread. |
|  |  |  |  |  |
|  | Third | Wrong needle / thread / fabric combination. | Third | Watch the fabric, needle & Garntabelle on page 14 |
|  |  |  |  |  |
|  | 4th | The presser foot is not attached correctly. | 4th | Attach the presser foot holder properly. |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **problem** | **Likely cause** | | **remedy** | |
| **1. fabric is fed incorrect** | 1st stitch length is set to "0". | | 1. | Set the correct stitch length. |
|  |  |  |  |  |
|  | Second | For the selected stitch is the wrong | Second | Place the right foot. |
|  |  | Presser foot used. |  |  |
|  |  |  |  |  |
|  | Third | Wrong needle is used. | Third | Insert a proper needle. |
|  |  |  |  |  |
|  | 4th | Thread is twisted. | 4th | Remove the thread ends from the |
|  |  |  |  | Bobbin case and the Greifergeäuse. |
| **2. Needle breaks** | 1. Needle is not correctly inserted. | | 1. | Insert the needle properly. |
|  | Second | A wrong needle is used. | Second | Insert a proper needle. |
|  |  |  |  |  |
|  | Third | Wrong needle / thread / fabric | Third | Watch the fabric, needle & Garntabelle |
|  |  | combination. |  | page 14. |
|  |  |  |  |  |
|  | 4th | The fabric is pulled too much. | 4th | Guide the fabric when sewing without |
|  |  |  |  | to pull him. |
| **3. machine does not start** | 1. Power switch is set to "O". | | 1. | Turn on the machine. |
|  | Second | Plug not plugged in. | Second | AC plug stuck. |
|  |  |  |  | |
|  | Third | Handwheel is pulled out. | 3. Press the handwheel in, page 16 | |
|  |  |  |  |  |

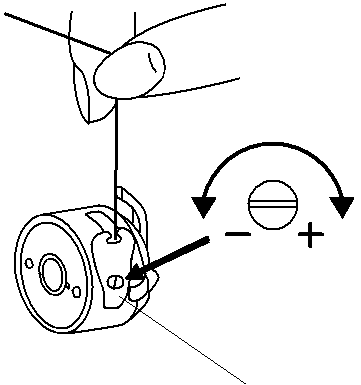
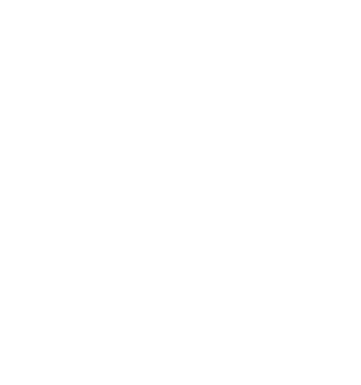
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**Troubleshooting**

**Check thread tension**

**Attention:** Only if by adjusting the



The needle thread tension is not satisfactory

Result is obtained, which must Bobbin

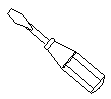
voltage to be readjusted.

When a full coil clean and bobbin case

was inserts and both the thread just

stuck, the contact force of the tension

feather set correctly.

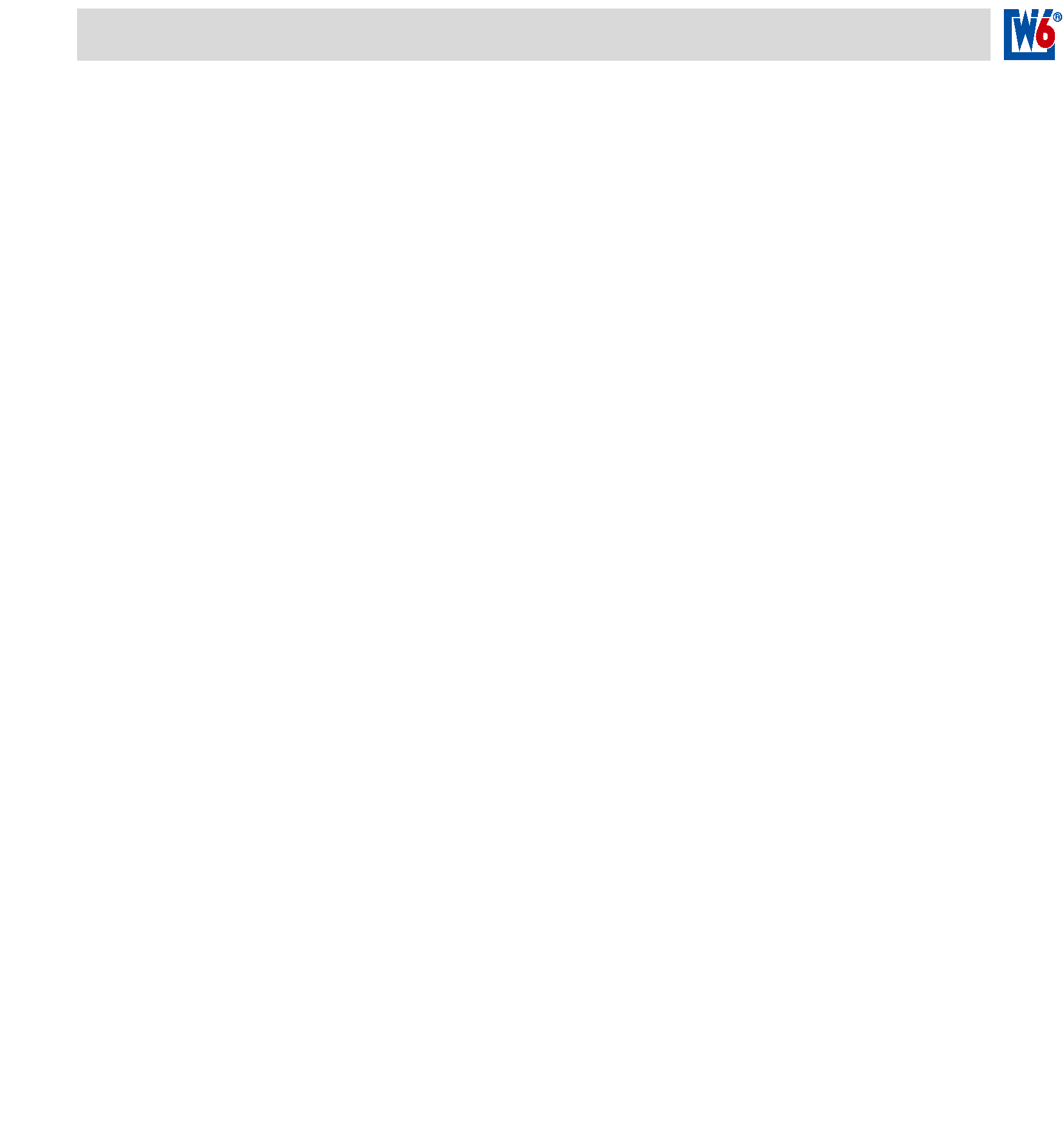


The setting of the lower thread tension

by turning the screw with a small

Screwdriver made.

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**service informationCustomer service**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **spare Parts** | | |  | **repair note** | |  |  |
| **Dear Customer,** | | | | **Caution!** Electrical appliances may only by electron | | |  |
| Substitutions may quoting the machine-Pro | | | |  |
|  | uktnu | mer, via retail outlets, customer | | tro-skilled workers to be repaired, as by inappropriate | | |  |
| IhredieNähmaschinemachtnichtdas wasSiewollen? | | | |  |  |  |  |
| d | nstst | cases and | at | proper repairs could consequential damages | | |  |
| **S**ou have questions durchieSiBestellungmithilfeder instructions could not clarify? | | | | | |  |  |
| **S**he need special spare parts? | | | | may arise. |  |  |  |
| Profectis GmbH | | |  | To avoid a hazard, the unit | | |  |
| technical | | | t | in R | to e | Service center of the |  |
| **Then come**KundendieSaufunsere website www.w6-wertarbeiparaturfall.deoderrufen to Sineruns. | | | | | | |  |
| Central spare parts warehouse | | | | Send technical support or there | | |  |
| Duisburger Straße 57 | | | | abgeb. |  |  |  |
| **Te**lefonnummer and contact address, as well as information findenzufolgendenSieaufThemenderGarantiekarte, fidenSie aufdie boiler red | | | | | | |  |
| 90451 Nürnberg | | |  |  |  |  |  |
| came with the machine from us. | | | |  |  |  |  |
| ation Serviceinfor that you received with the machine from us: | | | | | |  |  |
|  |  |  |  | Profectis GmbH |  |  |  |
| 0180 -. 5 13 60 20 | | | | Technical Support | |  |  |
| • The registration spare parts | | | Your device, you can use the enclosed registration card or | | | |  |
| •Telekomrepair Information0.12 / min (Stand01 / 02) | | | | Central service hotline | |  |  |
| make under www.w6-wertarbeit.de online. | | | | 0180-5 60 60 20 |  |  |  |
| • | transport damage | | |  |  |  |
| • |  | become. |  | Telekom 0.12 / min (as of 01/02) | |  |  |
| G währleistung | | |  |  |  |  |
| We also Dortbezogenvröffentlichen current phone numbers and service instructions. | | | | | |  |  |

The current address directory is gülti-

Also on www.w6-wertarbeit.de we offer useful and tested accessories around

the subject sewing. gen main catalog under "Technical customer service" section.

The defective device can also be in a sale

issued and after completion there stelle

be picked up again.

**transport damage**

If you suspect damage,

not remove the device in doubt

Business. Please contact the Sales

ask where you bought the device or

our administrative offices.

Please use to return the back

send stickers.

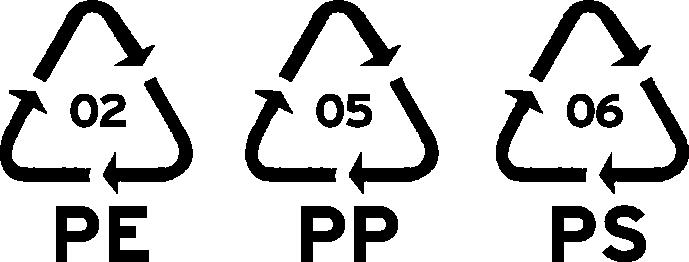
|  |  |
| --- | --- |
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**Environmental information**

Do not simply throw packaging material but for recycling. Devices Package:

* Make paper, paperboard and corrugated packaging waste paper collection
* Plastic packaging and films should also be placed in the appropriate collection container.

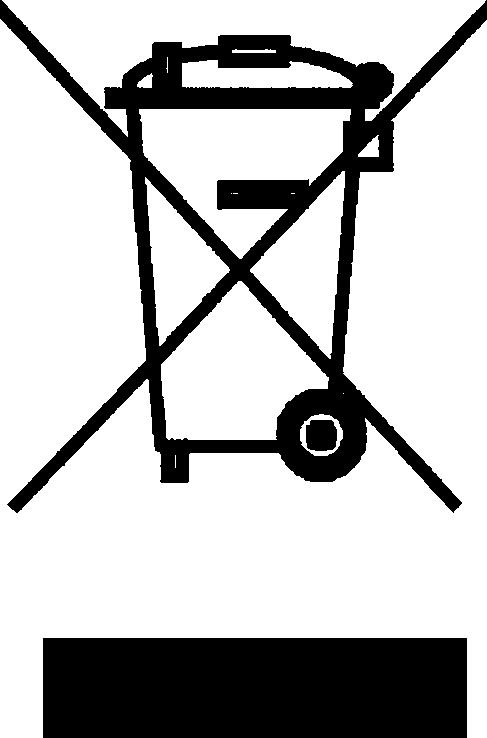


In the examples of the plastic Characteristic-nung is:

PE for polyethylene, numeral 02 for PE-HD, PE-LD 04 for,

PP polypropylene; PS polystyrene.

This product must not be disposed of with normal household waste at the end of its useful life, but must at a collection point for the recycling of electrical and electronic



Devices are delivered. The symbol on the product, the instruction manual or the packaging indicates.

The materials are recyclable according to their labeling. By recycling, material recycling or other forms of utilizing old devices you make an important contribution to protecting our environment.

Please ask for the appropriate disposal point at the town hall.

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**Technical specifications**

|  |  |
| --- | --- |
| Tension: | 230 V, 50 Hz |
| Total output: | 85 W |
| Lamp max: | 15 W |
| Sound power level: | Lwa 75 dB (A) |

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warranty

All technical equipment VALUE WORK

we any defects in statutory

Warranty.

In a warranty case, please contact SOURCE sales office in your area, to the

Technical Support Profectis call

You at one of our Service on

The conditions and phone numbers, see the service part of the SOURCE main catalog.

SOURCE AG 90762 Fürth

**We write WERTARBEIT great!**

sewing 1233-61

Product Nr.031.811

964124

V0550



|  |  |  |
| --- | --- | --- |
| warranty | |  |
| All technical equipment | VALUE WORK | |
| we any defects in | statutory | |
| Warranty. |  |  |
| In case of warranty contact please | | |
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| Technical Support Profectis | | call |
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