

Instruction Manual

Forte UF

HD *texi*®

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1 Safety

1.01 Directives

This machine is constructed in accordance with the European regulations contained in the conformity and manufacturer's declarations.

In addition to this Instruction Manual, also observe all generally accepted, statutory and other regulations and legal requirements and all valid environmental protection regulations! The regionally valid regulations of the social insurance society for occupational accidents or other supervisory organizations are to be strictly adhered to!

1.02 General notes on safety

- This machine may only be operated by adequately trained operators and only after having completely read and understood the Instruction Manual!
- All Notes on Safety and Instruction Manuals of the motor manufacturer are to be read before operating the machine!
- The danger and safety instructions on the machine itself are to be followed!
- This machine may only be used for the purpose for which it is intended and may not be operated without its safety devices. All safety regulations relevant to its operation are to be adhered to.
- When exchanging sewing tools (e.g. needle, roller presser, needle plate and bobbin), when threading the machine, when leaving the machine unattended and during maintenance work, the machine is to be separated from the power supply by switching off the On/Off switch or by removing the plug from the mains!
- Everyday maintenance work is only to be carried out by appropriately trained personnel!
- Repairs and special maintenance work may only be carried out by qualified service staff or appropriately trained personnel!
- Work on electrical equipment may only be carried out by appropriately trained personnel!
- Work is not permitted on parts and equipment which are connected to the power supply! The only exceptions to this rule are found in the regulations EN 50110.
- Modifications and alterations to the machine may only be carried out under observance of all the relevant safety regulations!
- Only spare parts which have been approved by us are to be used for repairs! We expressly point out that any replacement parts or accessories which are not supplied by us have not been tested and approved by us. The installation and/or use of any such products can lead to negative changes in the structural characteristics of the machine. We are not liable for any damage which may be caused by non-original parts.

1.03

Safety symbols

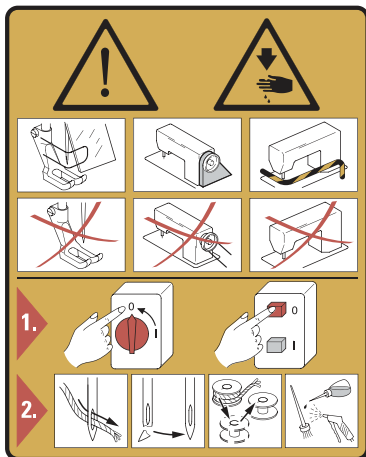


Danger!

Points to be observed..



Danger of injury for operating and specialist personnel!



Caution

Do not operate without finger guard and safety devices.
Before threading, changing bobbin and needle, cleaning
etc. switch off main switch.

1.04

Important points for the user

- This Instruction Manual is an integral part of the machine and must be available to the operating personnel at all times.
- The Instruction Manual must be read before operating the machine for the first time.
- The operating and specialist personnel is to be instructed as to the safety equipment of the machine and regarding safe work methods.
- It is the duty of the user to only operate the machine in perfect running order.
- It is the obligation of the user to ensure that none of the safety mechanisms are removed or deactivated.
- It is the obligation of the user to ensure that only authorized persons operate and work on the machine.

1.05 Operating and specialist personnel

1.05.01 Operating personnel

Operating personnel are persons responsible for the equipping, operating and cleaning of the machine as well as for taking care of problems arising in the sewing area.

The operating personnel is required to observe the following points and must:

- always observe the Notes on Safety in the Instruction Manual!
- never use any working methods which could adversely affect the safety of the machine!
- not wear loose-fitting clothing or jewelry such as chains or rings!
- also ensure that only authorized persons have access to the potentially dangerous area around the machine!
- always immediately report to the person responsible any changes in the machine which may limit its safety!

1.05.02 Specialist personnel

Specialist personnel are persons with a specialist education in the fields of electrics, electronics and mechanics. They are responsible for the lubrication, maintenance, repair and adjustment of the machine.

The specialist personnel is obliged to observe the following points and must:

- always observe the Notes on Safety in the Instruction Manual!
- switch off the On/Off switch before carrying out adjustments or repairs, and ensure that it cannot be switched on again unintentionally!
- wait until the luminous diode on the control box is no longer blinking or on before beginning adjustment or repair work.
- never work on parts which are still connected to the power supply! Exceptions are explained in the regulations EN 50110.
- replace the protective coverings and close the electrical control box after all repairs or maintenance work!

1.06

Danger warnings



A working area of 1 m must be kept free both in front of and behind the machine, so that easy access is possible at all times.



Never put your hands or fingers in the sewing area during sewing!
Danger of injury by the needle!



While setting or adjusting the machine do not leave any objects on the table nor in the needle plate area! Objects may be trapped or flung out of the machine!

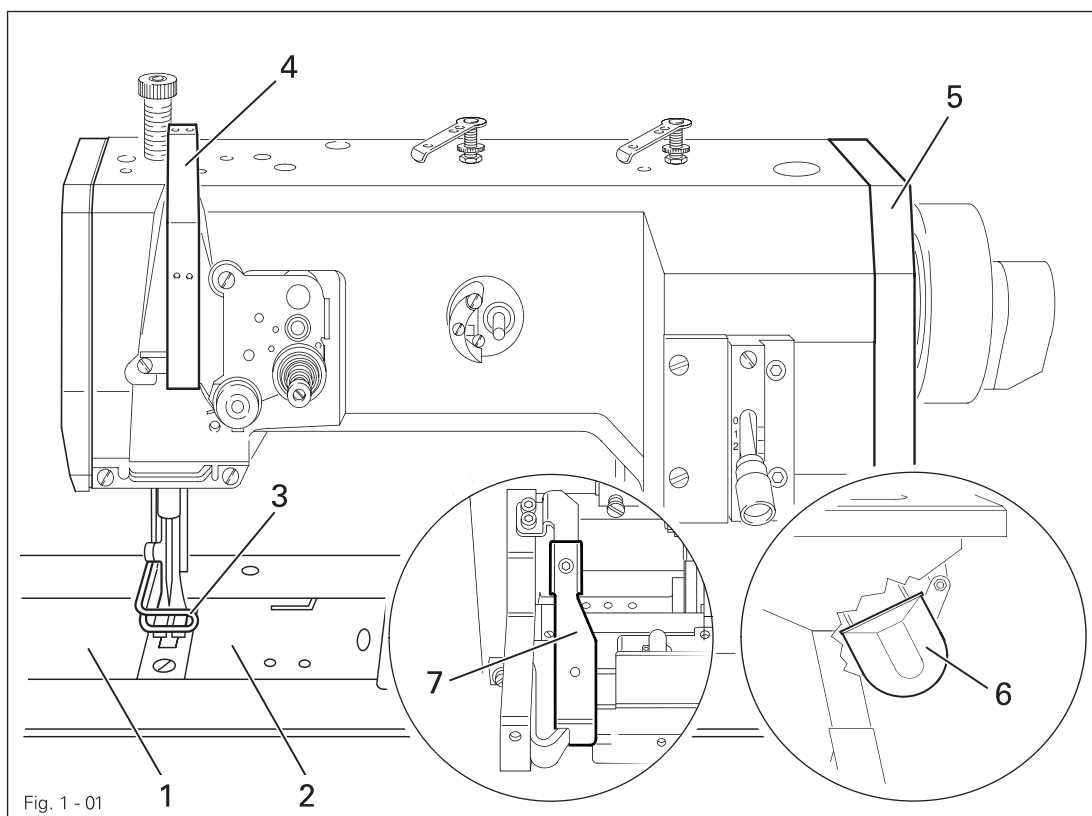


Fig. 1 - 01



Only operate the machine with covers 1 and 2 closed!
Danger of injury from the rotating hook!



Do not run the machine without finger guard 3!
Danger of injury by up and down movement of needle!



Do not run the machine without take-up lever guard 4!
Danger of injury by moving take-up lever!



Do not run the machine without belt guards 4 and 5!
Danger of injury by rotating v-belt!



Do not operate the machine without tilt lock 6!
Danger of crushing between sewing head and table!

Proper use

Texi HD Forte UF

The Texi HD Forte UF is a single needle, flatbed sewing machine with bottom, top and needle feeds as well as a large vertical hook for sewing lockstitch seams. The machine is designed for commercial use (industry).



Any and all uses of this machine which have not been approved of by the manufacturer are considered to be inappropriate! The manufacturer cannot be held liable for any damage caused by the inappropriate use of the machine!

The appropriate use of the machine includes the observance of all operational, adjustment, maintenance and repair measures required by the manufacturer!

3 Specifications

3.01 Texi HD Forte UF ♦

Stitch type: 301 (lockstitch))

Needle system: 134 - 35

Needle sizes in 1/100 mm: 110 - 140

Max. thread size (Synthetics): 20/3

Max. stitch length: 8,0 mm

Handwheel eff. dia.: 80 mm

Dimensions of machine:

Length: approx. 530 mm

Width: approx. 177 mm

Height: approx. 410 mm

Clearance width: 265 mm

Clearance height: 115 mm

Fabric clearance (presser foot raised): 14 mm

Net weight (machine head): approx. 40 kg

Motor data: see motor specification plate

Noise data:

Emission sound level at the workplace at appropriate speed

(Noise measurement in accordance with DIN 45 635-48-A-1, ISO 11204, ISO 3744, ISO 4871)

Forte UF at a speed of 2300 spm.: LpA = 82 dB(A)

3.02 Max. number of stitches/min-1

Top feed lift	Max. number of stitches/min-1 for stitch lengths up to 6 mm	Max. number of stitches/min-1 for stitch lengths from 6 mm to 8 mm
less than 3,5 mm	2800	2600
from 3,5 to 5,5 mm	2500	2500
from 5,5 to 7 mm,0	2000	2000

4 Disposal of Machine

- Proper disposal of the machine is the responsibility of the customer.

- The materials used for the machine are steel, aluminium, brass and various plastic materials. The electrical equipment comprises plastic materials and copper.

- The machine is to be disposed of according to the locally valid pollution control regulations; if necessary, a specialist is to be commissioned.



Care must be taken that parts soiled with lubricants are disposed of separately according to the locally valid pollution control regulations!

5 Transportation, packing and storage

5.01 Transportation to customer's premises

The machines are delivered completely packed.

5.02 Transportation inside the customer's premises

The manufacturer cannot be made liable for transportation inside the customer's premises nor to other operating locations. It must be ensured that the machines are only transported in an upright position.

5.03 Disposal of packing materials

The packing materials of this machine comprise paper, cardboard and VCE fibre. Proper disposal of the packing material is the responsibility of the customer.

5.04 Storage

If the machine is not in use, it can be stored as it is for a period of up to six months, but it should be protected against dust and moisture.

If the machine is stored for longer periods, the individual parts, especially the surfaces of moving parts, must be protected against corrosion, e.g. by a film of oil.

Explanation of symbols

6 Explanation of symbols

In this instruction manual, work to be carried out or important information is accentuated by symbols. These symbols have the following meanings:



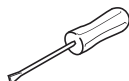
Note, information



Cleaning, care



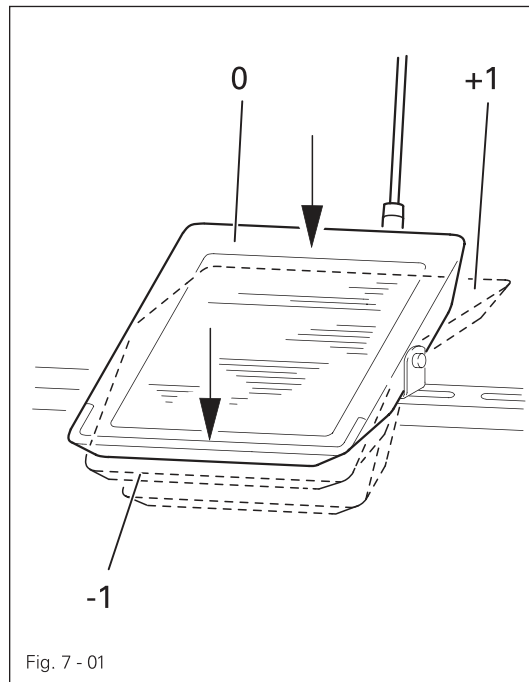
Lubrication



Maintenance, repairs, adjustment, service work
(only to be carried out by technical staff)

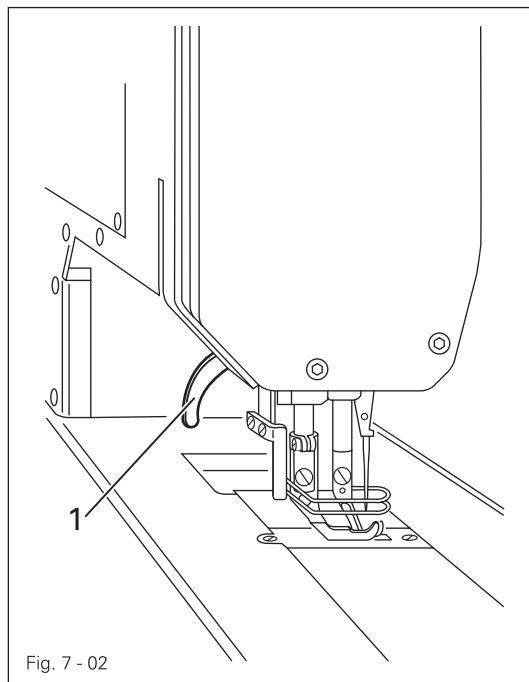
7 Controls

7.01 Pedal



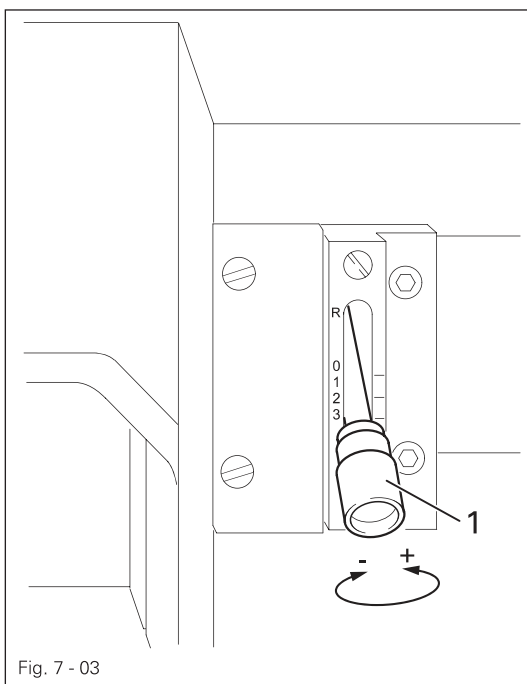
- With the on/off switch on
 - 0 = Machine stop
 - +1 = Sew
 - 1 = Raise needle bar

7.02 Lever for lifting the presser foot



- The sewing foot can be lifted by raising lever 1.

7.03 Feed regulator / reverse sewing

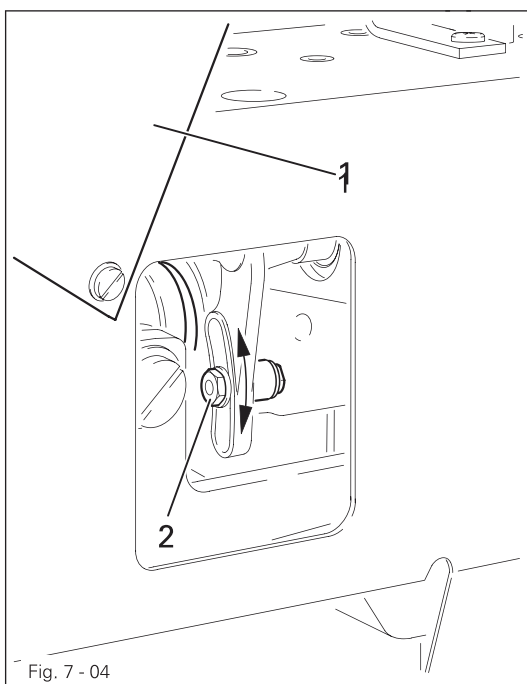


- Adjust the stitch length by turning the knurled nut 1 accordingly.

Reverse sewing

- Press knurled nut 1 upwards as far as possible (position "R")

7.04 Adjustment nut for the top-feed stroke



Switch the machine off!
Danger due to unintentional starting of the machine!

- Open cover 1 on the back of the machine, loosen screw 2 and move as required.

8 Installation and commissioning



The machine must only be mounted and commissioned by qualified personnel!

All relevant safety regulations are to be observed!

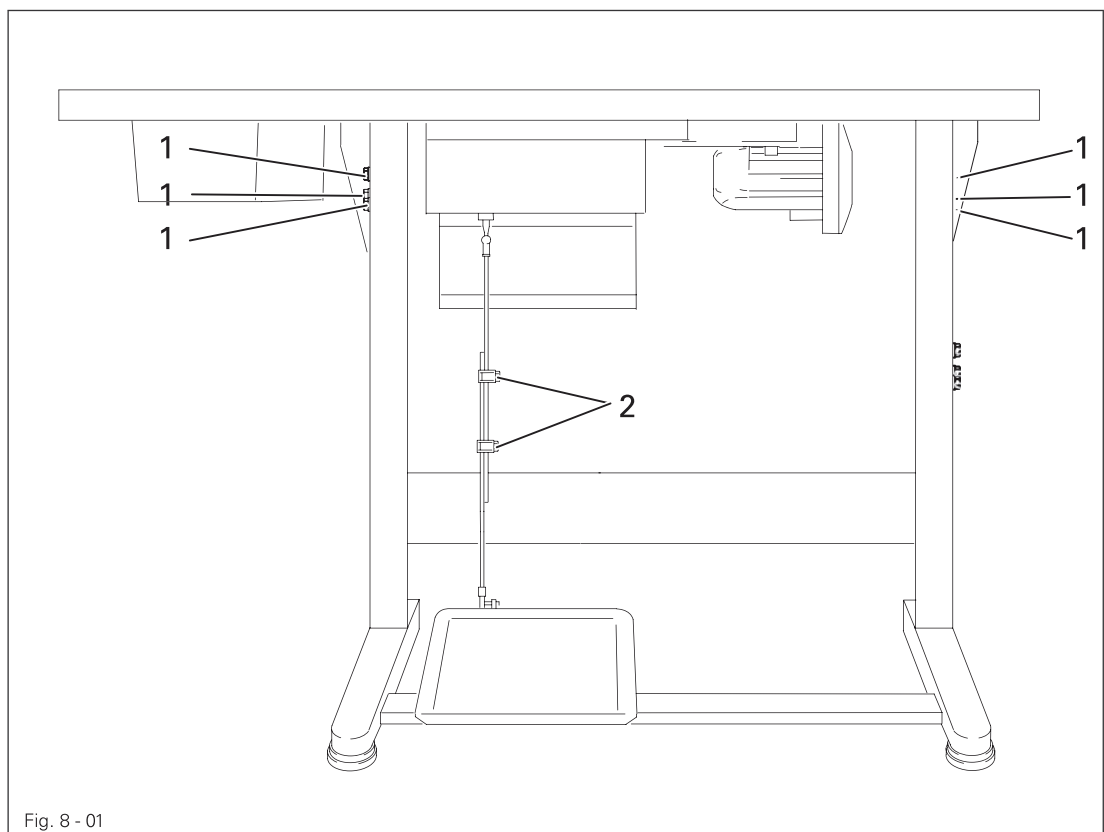
If the machine is delivered without a table, it must be ensured that the frame and the table top which you intend to use can hold the weight of the machine and the motor. It must be ensured that the supporting structure is sufficiently sturdy, including during all sewing operations.

8.01 Installation

The site where the machine is installed must be provided with suitable connections for the electric current, see Chapter 3 Specifications.

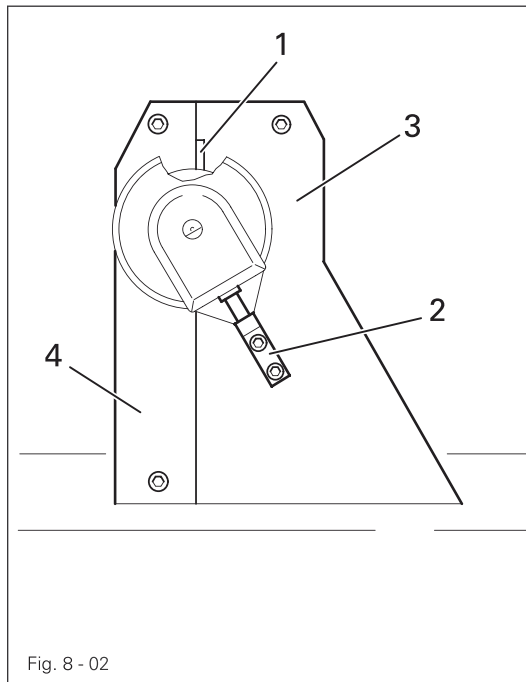
It must also be ensured that the standing surface of the machine site is firm and horizontal, and that sufficient lighting is provided.

8.01.01 Adjusting the table-top height



- Loosen screws 1 and 2 and set the desired table-top height
- Tighten screws 1 well.
- Adjust the position of the pedal so that you can operate it comfortably and tighten screw 2.

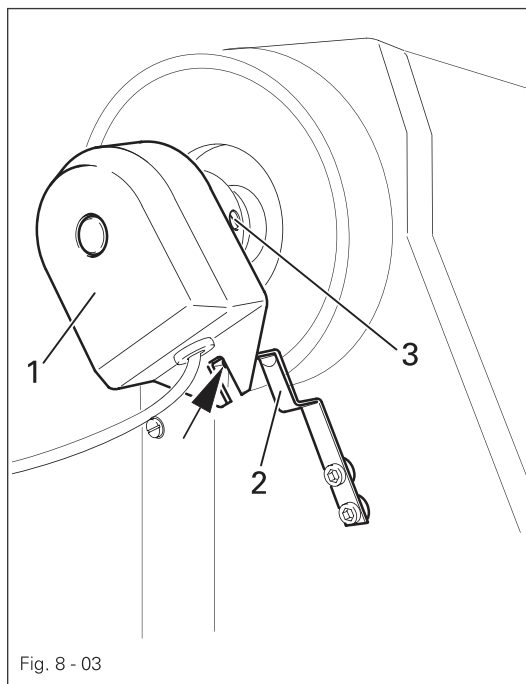
8.01.02 Mounting the upper V-belt guard



If a large balance wheel is used, the corner 1 of the belt guard 3 must be broken out.

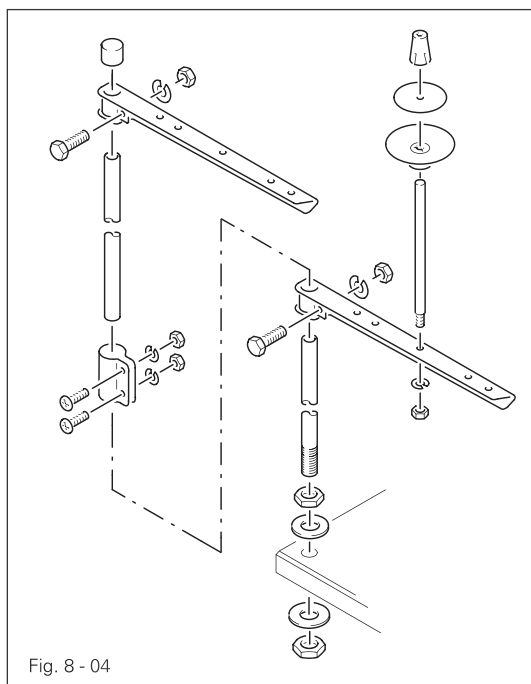
- Screw position stop 2 to the belt guard section 3.
- Attach belt guard section 3.
- Attach belt guard section 4.

8.01.03 Fitting the synchronizer



- Push synchronizer 1 onto the shaft so that stop 2 is standing in the slot on the synchronizer (see arrow)
- Tighten screws 3.

8.01.04 Fitting the reel stand



- Fit the reel stand as shown in Fig. 8 - 04.
- Afterwards insert the stand in the hole in the table top and secure it with nuts provided.

9 Setting up

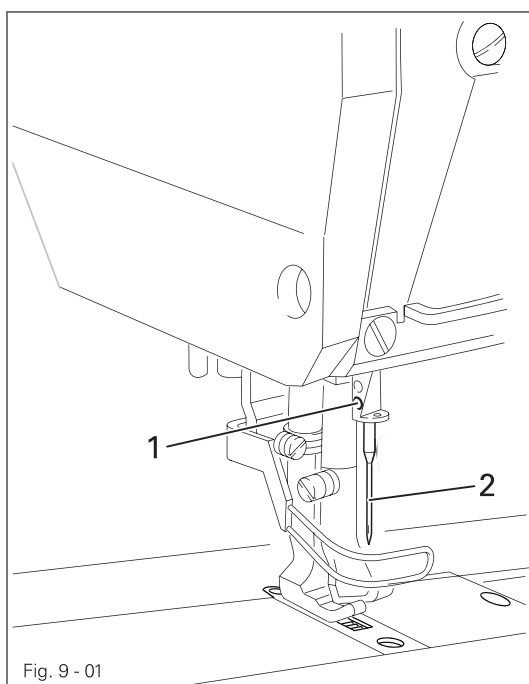


All instructions and regulations in this instruction manual must be observed. Special attention must be given to all safety regulations!



All setting-up work must only be done by personnel with the necessary training. For all setting-up work the machine must be isolated from its power supply by turning off the on/off switch or removing the machine plug from the electric power socket!

9.01 Inserting the needle



Switch the machine off!
Danger due to unintentional starting of the machine!

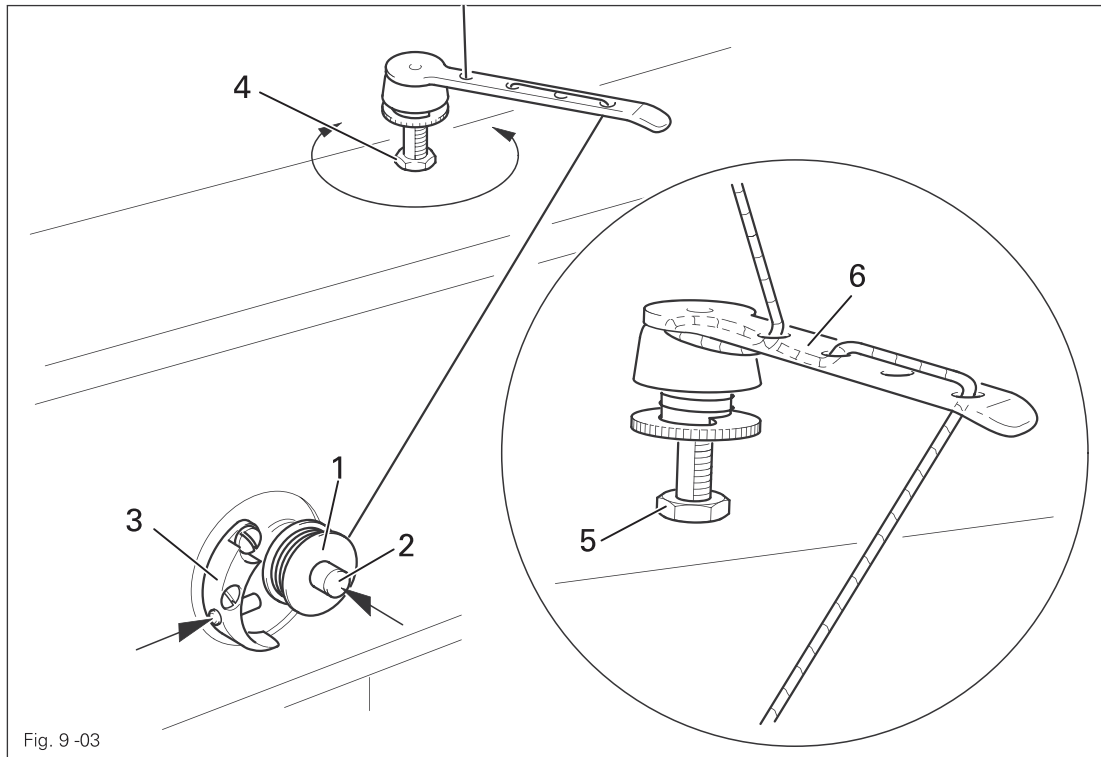


Only use needles from the system intended for the machine, see Chapter 3 Specifications.

Fort UF

- Set needle bar at top position and loosen screw 1.
- Insert the needle as far as possible (the long needle-groove must be facing left).
- Tighten needle retaining screw 1.

9.02 Winding the bobbin thread, regulating the winder tension



- Place an empty bobbin 1 on winder spindle 1.
- Thread up as shown in Fig. 9-03 and wind the thread a few times clockwise around bobbin 1. Engage the bobbin winder by pressing spindle 2 and lever 3 simultaneously



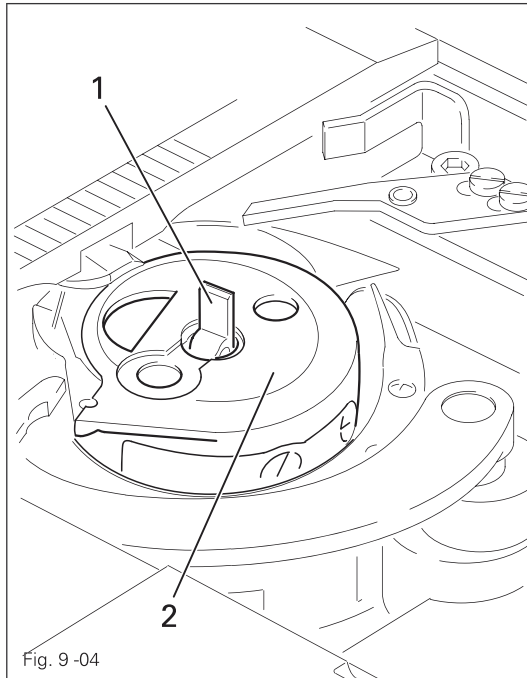
The bobbin is wound during sewing.

- The tension of the thread wound onto bobbin 1 is set on knurled screw 4.
- The bobbin winder will stop when sufficient thread is wound onto bobbin 1.

If the thread is wound on unevenly:

- Loosen nut 5.
- Turn thread guide 6 as required.
- Tighten nut 5 again.

9.03 Removing/Threading the bobbin case



Switch the machine off!
 Danger due to unintentional starting of the machine!

Removing the bobbin case:

- Open the bed slide.
- Raise latch 1 and remove bobbin case 2.

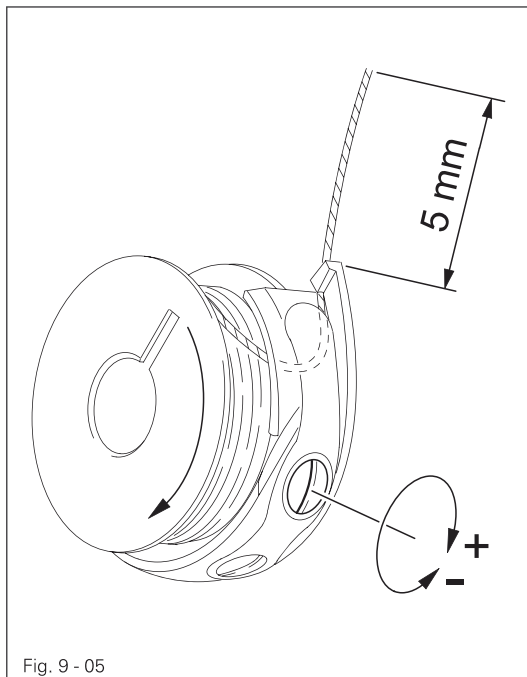
Inserting the bobbin case.

- Insert bobbin case 2 so that it clicks into place.
- Close latch 1 and close the bed slide.



Do not operate the machine when the hook compartment cover is open!
 Danger of injury from moving parts!

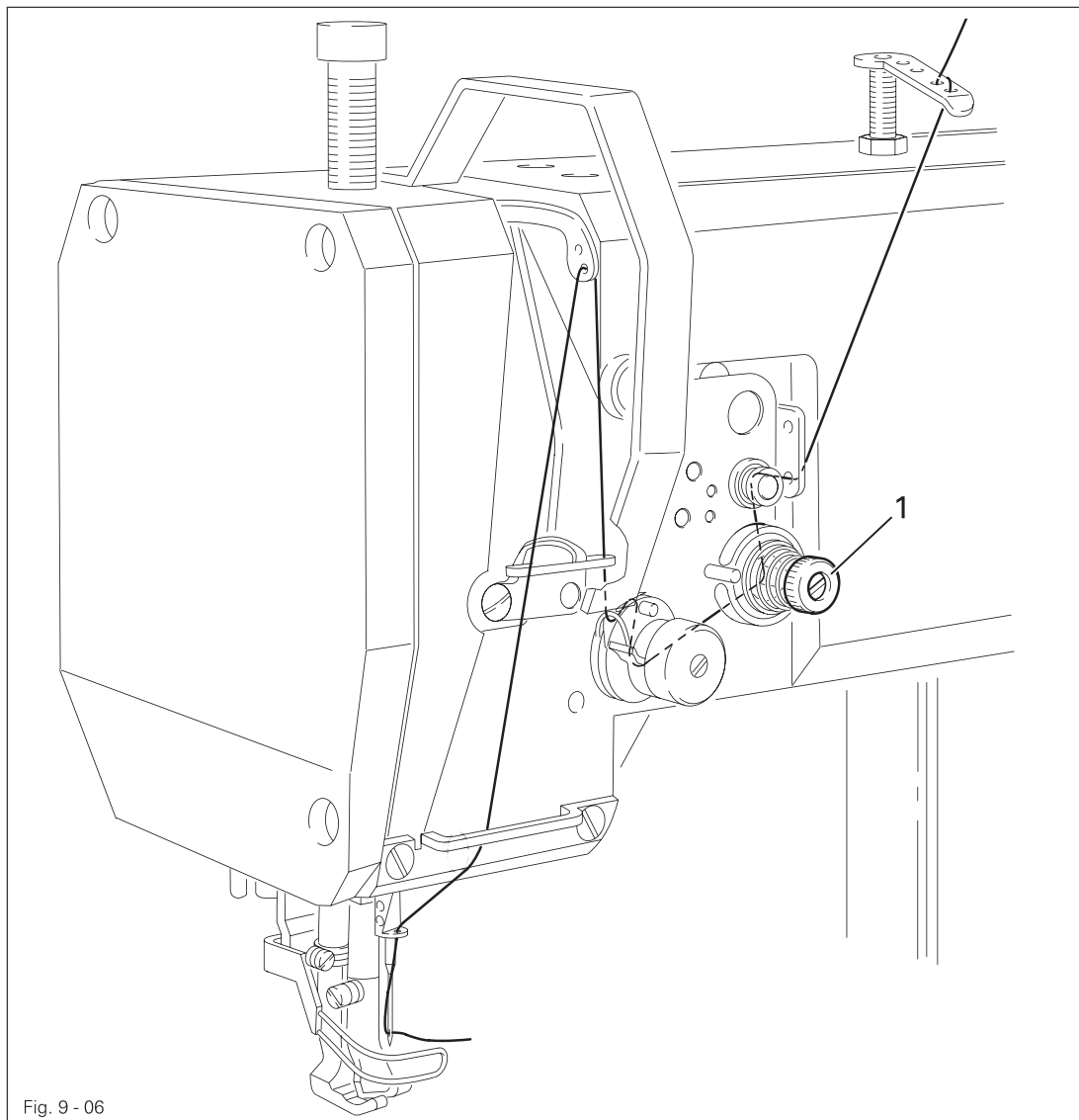
9.04 Threading the bobbin thread and regulating the bobbin thread tension



Switch the machine off!
 Danger due to unintentional starting of the machine!

- Thread the bobbin as shown in Fig. 9-05.
- When the thread is pulled, the bobbin must rotate as shown by the arrow.
- Regulate the bobbin thread tension on screw 1.

9.05 Threading needle thread/adjusting needle thread tension



Switch the machine off!
Danger due to unintentional starting of the machine!

- Thread the machine as shown in Fig. 9 - 06. Take note that the needle is threaded from the left (see arrow).
- Adjust the needle thread tension by turning knuled screw 1.

10 Care and maintenance

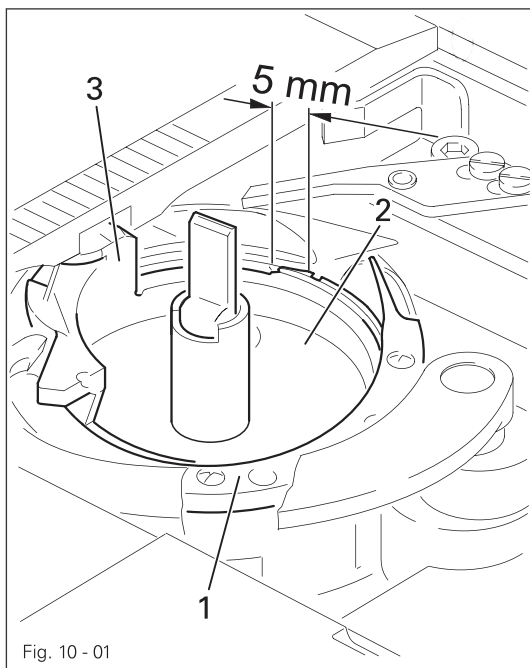
10.01 Servicing and maintenance intervals

Clean the hook compartment	daily, more often if in continuous operation
Check the hook oil-container	once a week
Clean the hook	once a week
General lubrication	twice a week
Lubricate the front parts	twice a week
Lubricate the top-feed drive eccentric	Annually



These maintenance intervals are calculated for the average running time of a single shift operation. If the machine is operated more than this, shorter intervals are recommended.

10.02 Cleaning



Switch off the machine!
Danger of injury due to unintentional starting of the machine!

- Clean hook area with a brush daily, in continuous operation several times daily.
- Clean the hook thoroughly once a week.
- Open post cover.
- Set needle bar at its highest position.
- Remove top of bobbin case together with bobbin
- Unscrew and remove hook gib 1.
- Turn balance wheel until point of bobbin case 2 has entered into the groove of the hook race by about 5 mm.
- In this position remove bobbin case 2.
- Clean hook race with petroleum spirit.
- When inserting the bobbin case, make sure that bobbin case position finger 3 enters the slot in the needle plate.
- Screw on hook gib 1.
- Insert bobbin case and close post cover.

10.03 General lubrication

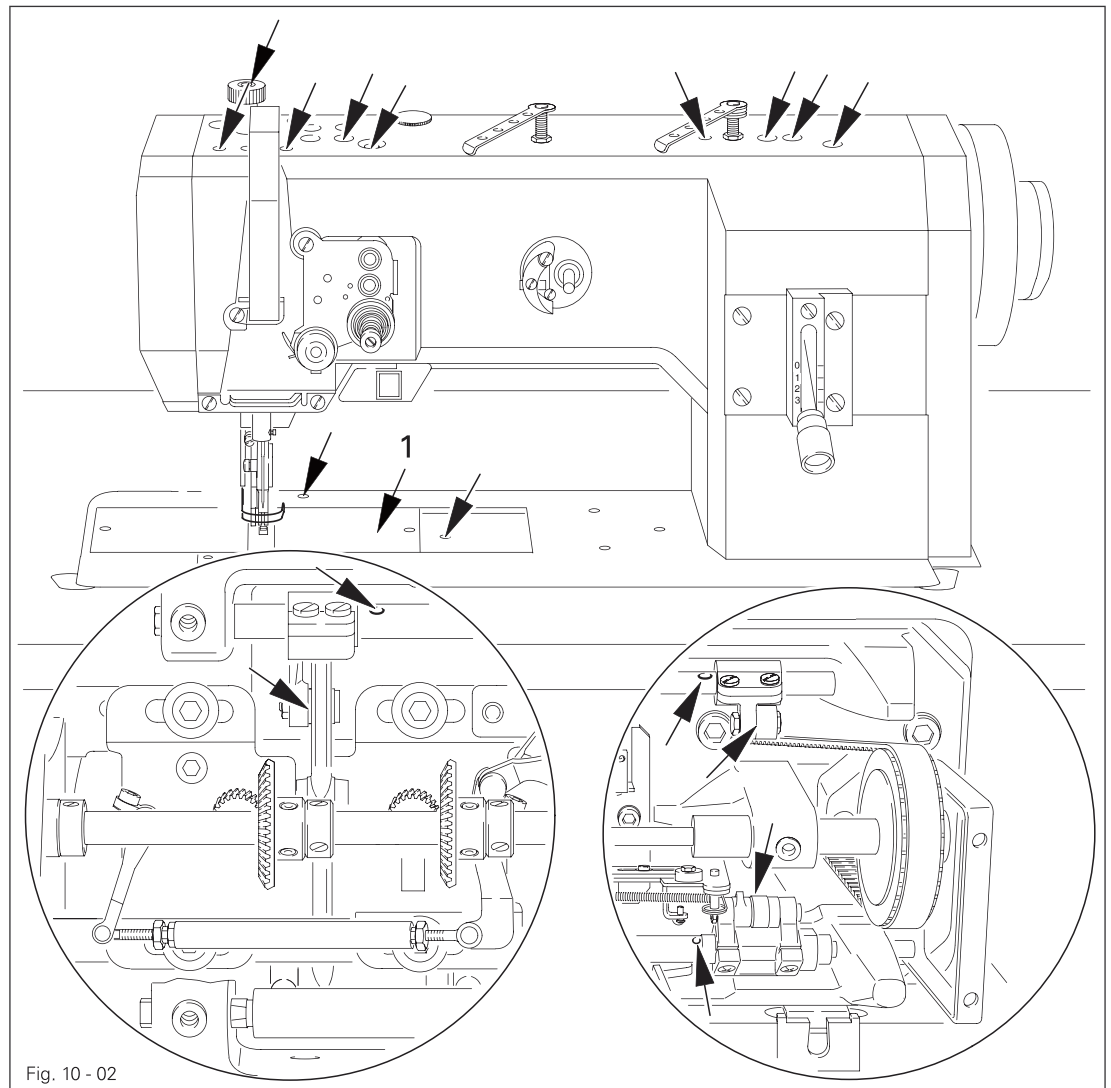


Fig. 10 - 02

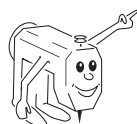


Switch off the machine!
 Danger of injury due to unintentional starting of the machine!

- Lubricate all bearings marked in Fig. 10.02 twice a week (see arrows).
 Open the bed slide to gain access to oiling point 1 .
- Tilt the machine backwards.
- Lubricate all bearings marked in Fig. 10.03 twice a week (see arrows).



Set the machine upright with both hands!
 Danger of crushing between sewing head and table!



We recommend Spirit 2 vaseline oil for sewing machines

10.04 Lubricating the head

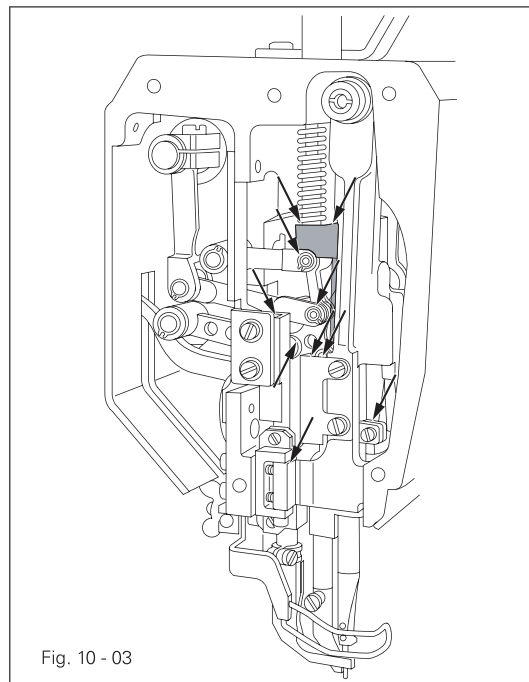
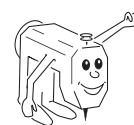


Fig. 10 - 03



Switch off the machine!
 Danger of injury due to unintentional starting of the machine!

- Unscrew the face plate.
- Lubricate all bearings and moving parts marked in Fig. 10 - 03 twice a week.
- Screw the face plate back on.



We recommend Spirit 2 vaseline oil for sewing machines

10.05 Lubricating the top-feed drive excentric

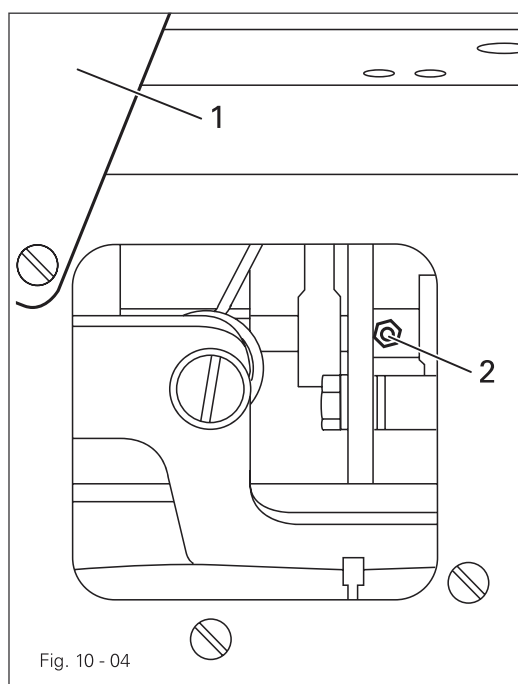


Fig. 10 - 04

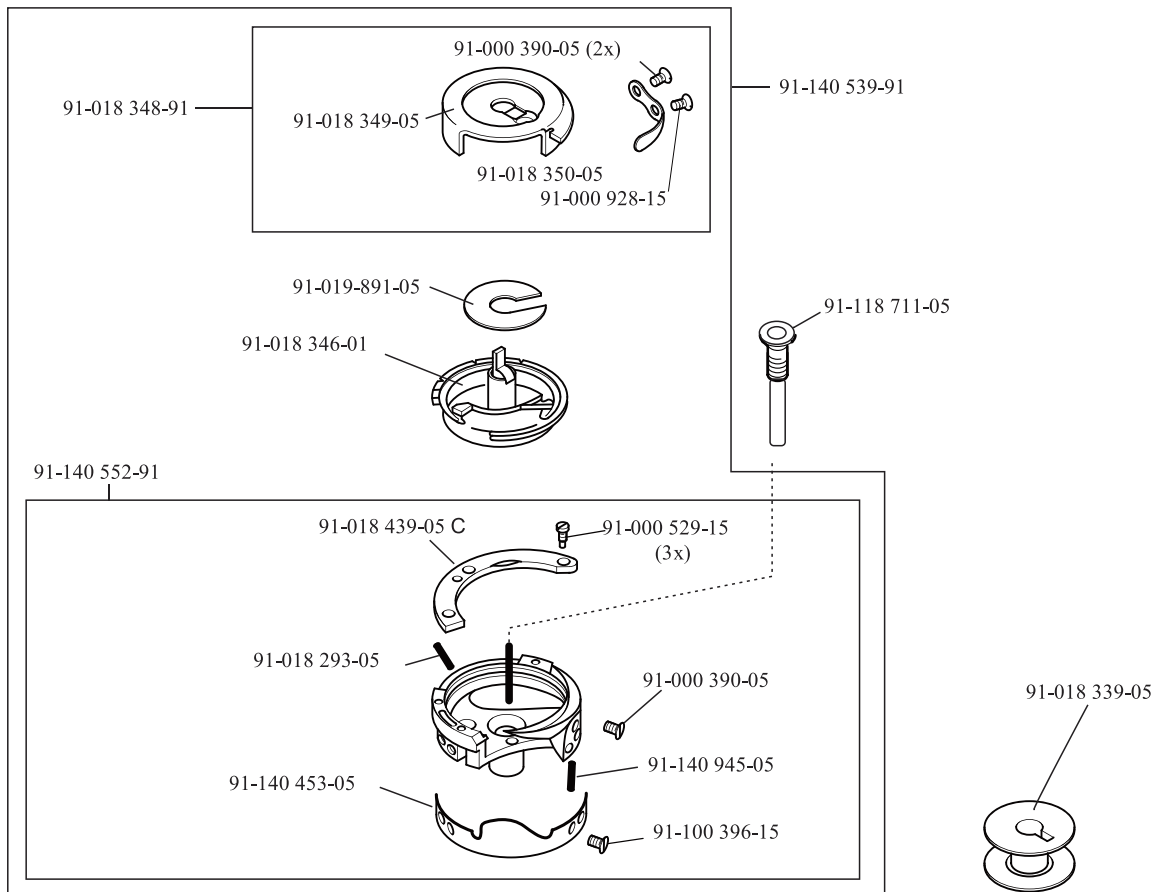
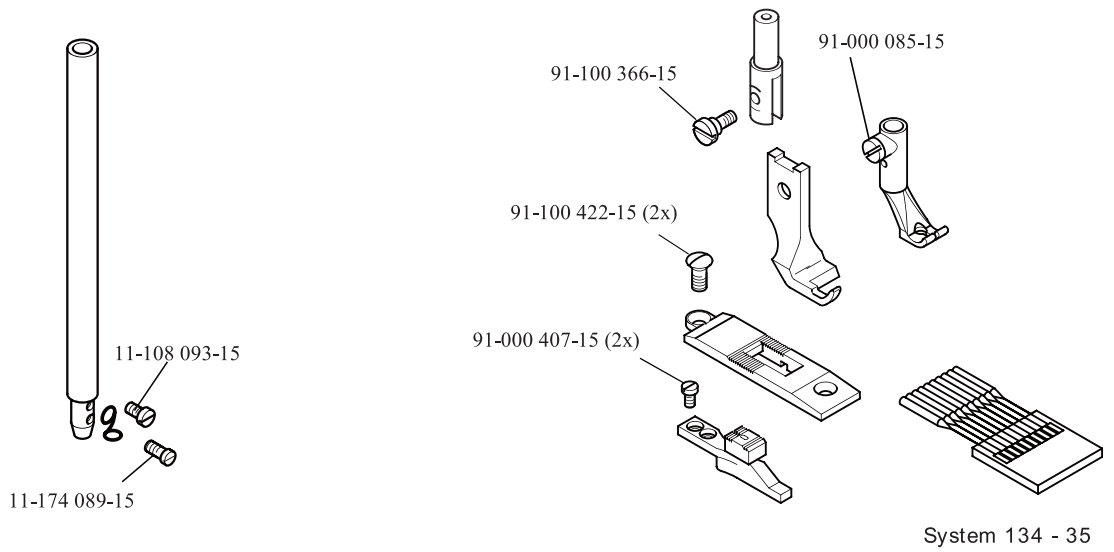


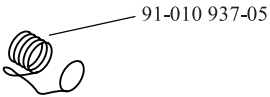
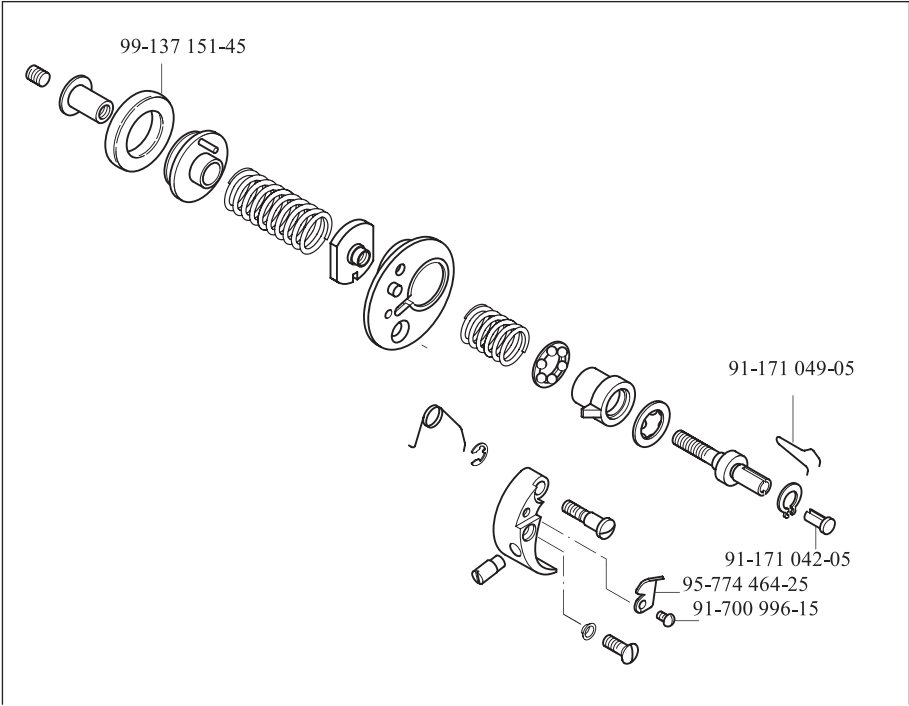
Switch off the machine!
 Danger of injury due to unintentional starting of the machine!

- Open cover 1 on the back of the machine.
- Grease nipple 2 at least once a year (use grease gun).
- Screw cover 1 back on.

11

Wearing parts





Adjustment Manual

Forte UF

HD *texi*®

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13 Adjustment



Please observe all notes from Chapter **1 Safety** of the instruction manual!
In particular care must be taken to see that all protective devices are re-
checked properly after adjustment, see Chapter **1.06 Danger warnings** of the instruction
manual!



If not otherwise stated, the machine must be disconnected from the electrical
power supply. Danger of injury due to unintentional starting of the machine!

13.01 Notes on adjustment

All following adjustments are based on a fully assembled machine and may only be carried
out by expert staff trained for this purpose.

Machine covers, which have to be removed and replaced to carry out checks and adjust-
ments, are not mentioned in the text.

The order of the following chapters corresponds to the most logical work sequence for
machines which have to be completely adjusted. If only specific individual work steps are
carried out, both the preceding and following chapters must be observed.

Screws, nuts indicated in brackets () are fastenings for machine parts, which must be
loosened before adjustment and tightened again afterwards.

13.02 Tools, gauges and other accessories for adjusting

- Screwdrivers with blade widths from 2 to 10 mm
- Spanners (wrenches) in sizes from 7 to 14 mm
- Allen keys from 1.5 to 6 mm
- Metal rule (part No. 08-880 218-00)
- Needle-rise gauge (part No. 61-111 600-01)
- Gauge, (top feed stroke 7 mm) (Part No. 61-111 633-61)
- Screw clamp (part No. 61-111 600-35)

13.03 Abbreviations

t.d.c. = top dead centre

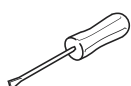
b.d.c. = bottom dead centre

13.04 Explanation of the symbols

In this adjustment manual, symbols emphasize operations to be carried out or important in-
formation. The symbols used have the following meaning:



Note, information



Service, repair, adjustment, maintenance
(work to be carried out by qualified staff only)

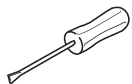
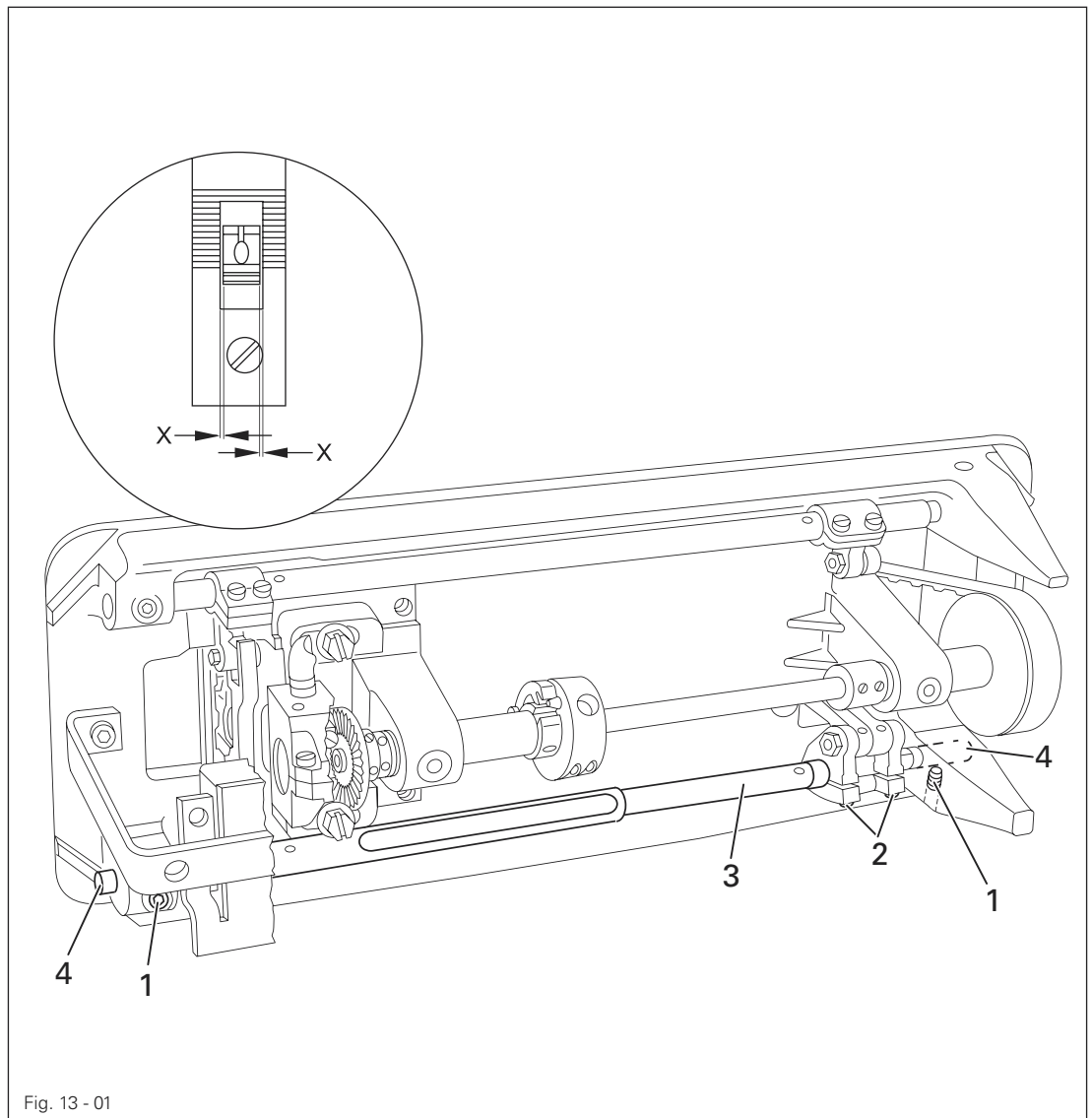
Adjustment

13.05 Adjusting the basic machine

13.05.01 Positioning the feed dog across the direction of sewing

Requirement

The bottom feed dog must be the same distance from the left and right side of the needle-plate cutout.



- Loosen screws 1 and 2.
- Laterally align rock shaft 3 in accordance with the **requirement**.
- Now tighten screws 1.



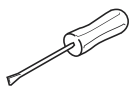
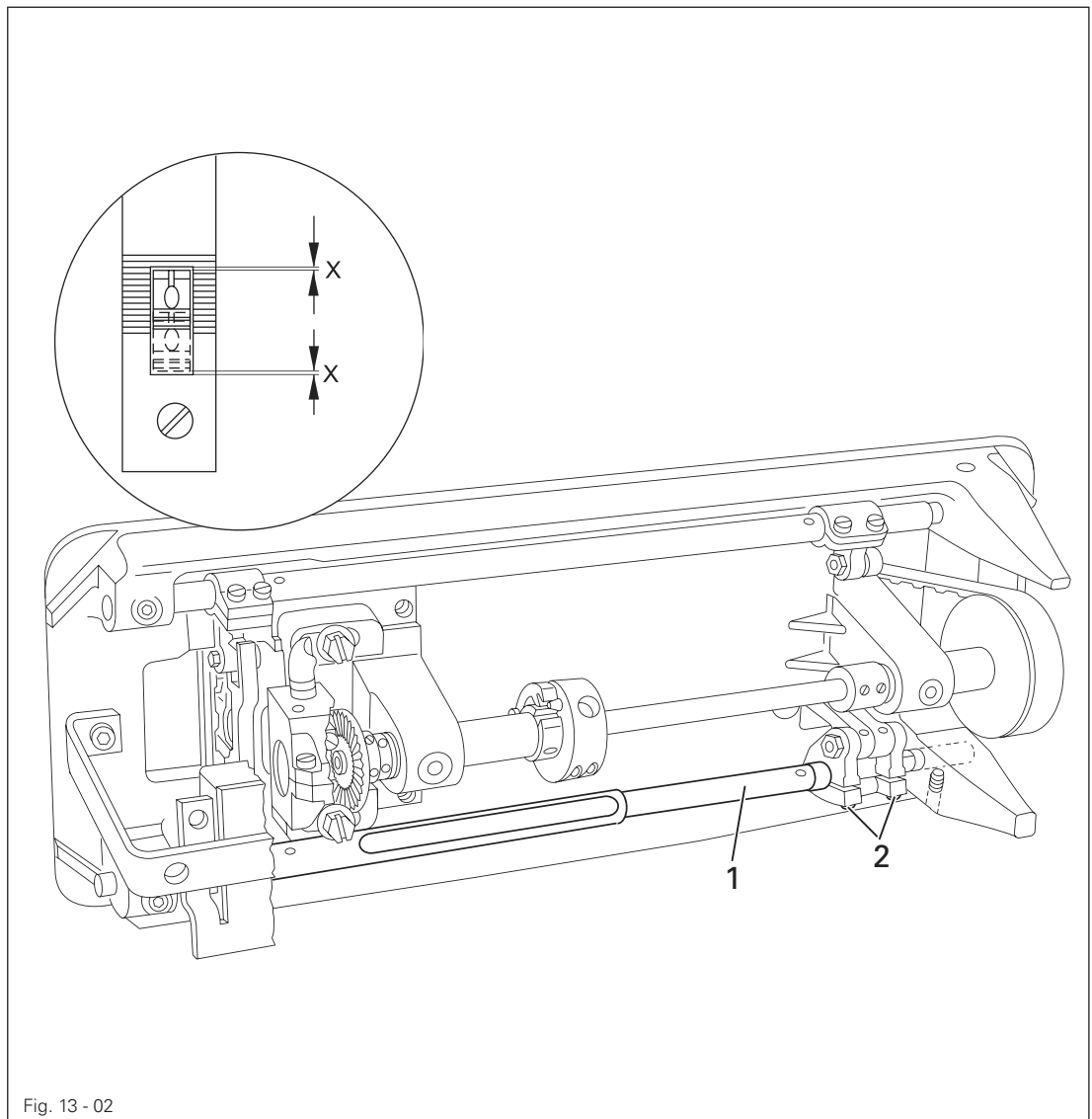
The distance at sides of pins 4 must be opposite the distance at sides of screws 1 and rock shaft 3 must exhibit neither play nor stiffness.

- Screws 2 remain loose for the following adjustments..

13.05.02 Positioning the feed dog in the direction of sewing

Requirement

With the longest stitch set, the bottom feed dog must have the same clearance the front and the back with respect to the needle-plate cutout when feeding both forwards and backwards.



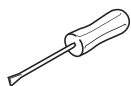
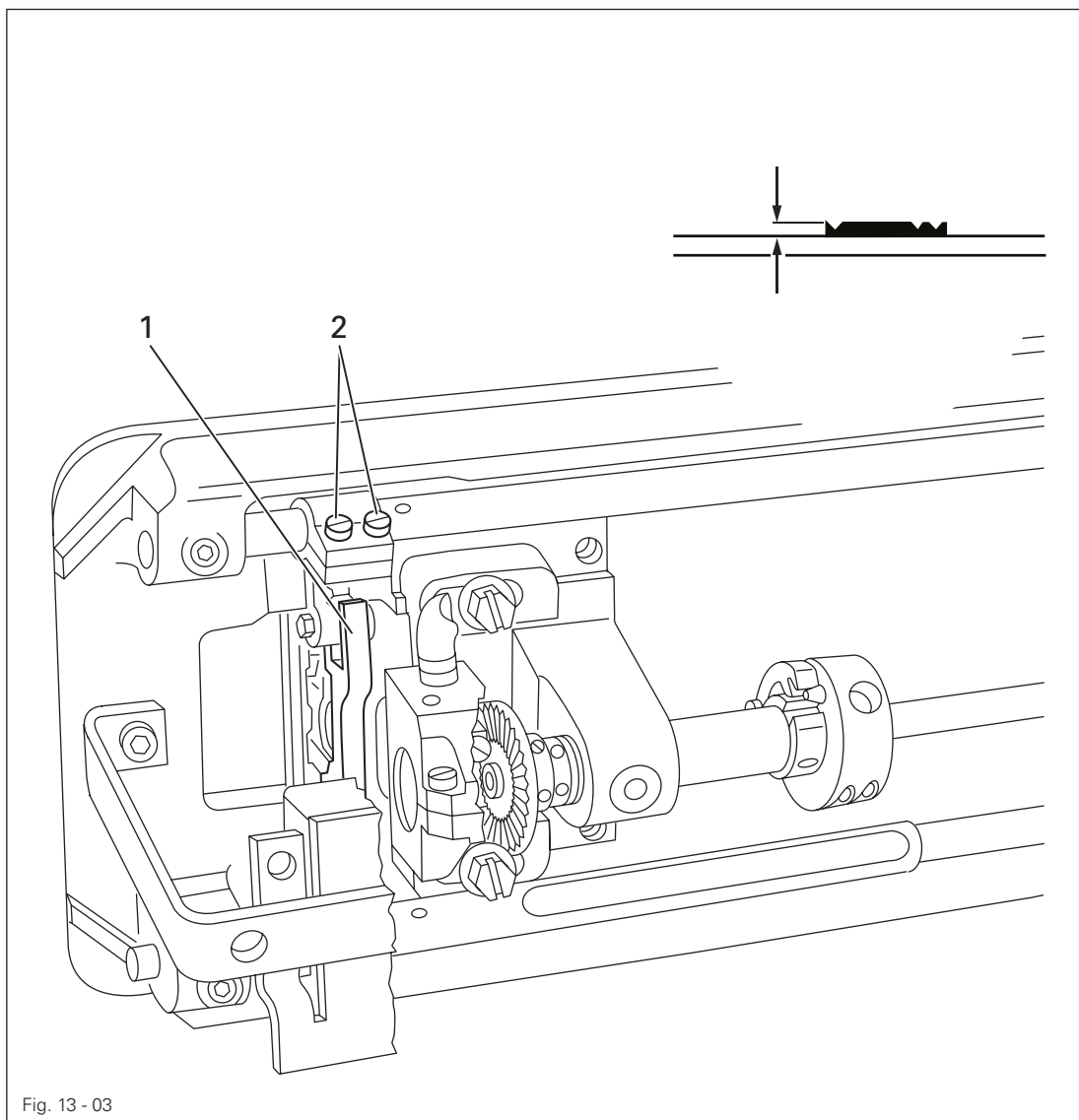
- Set the longest stitch.
- Adjust rock shaft **1** in accordance with the **requirement** and tighten screws **2**.

Adjustment

13.05.03 Height of the bottom feed-dog

Requirement

With the stitch length set at "0", the bottom feed dog must protrude over the needle plate as high as the teeth when at TDC.

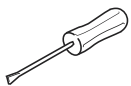
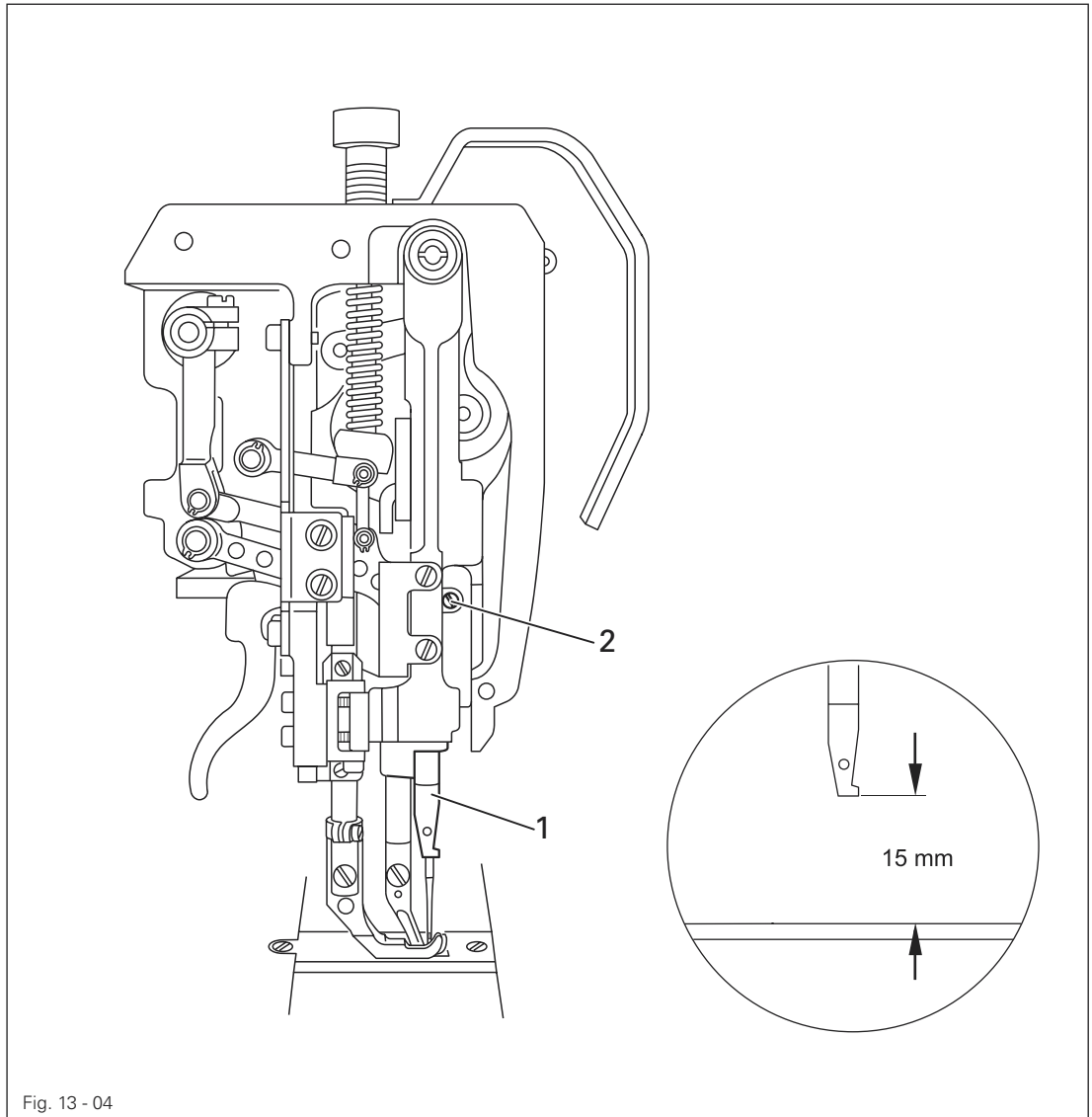


- Set stitch length "0".
- Bring the bottom feed dog to its TDC by turning the handwheel.
- Adjust feed dog carrier 1 (screws 2) in accordance with the **requirement**.

13.05.04 Pre-adjusting the needle height

Requirement

With the needle bar at BDC, the distance between the needle bar and the needle plate must be **15 mm**.



- Move needle bar **1** (screw **2**) in accordance with the **requirement** without moving it laterally.

Adjustment

13.05.05 Centering the needle in the needle hole

Requirement

With the stitch length set at "0", the needle must enter the needle hole exactly in the middle.

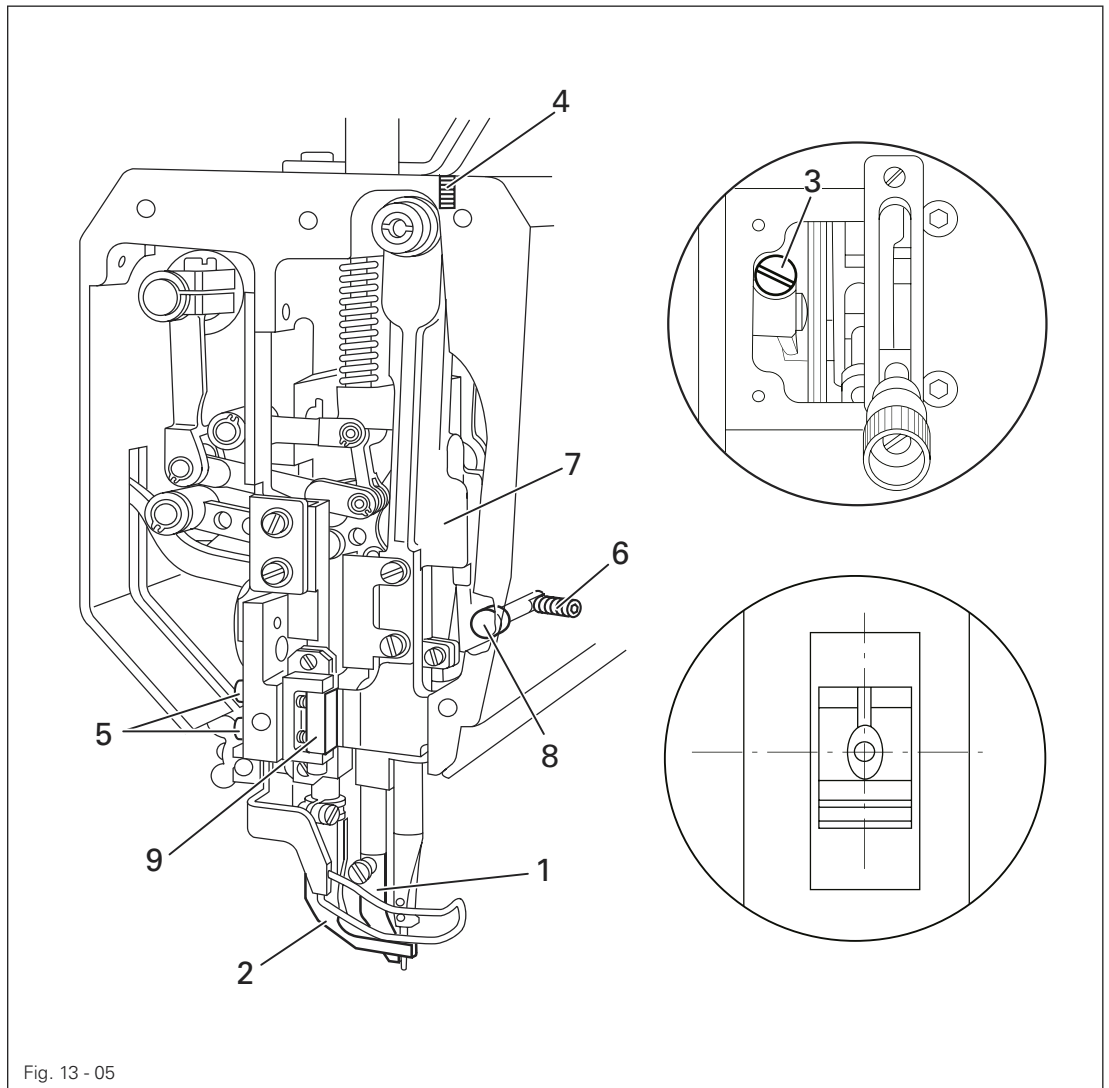
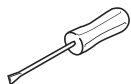


Fig. 13 - 05



- Unscrew vibrating presser 1 and presser foot 2.
- Set stitch length "0" and bring the needle bar to its TDC.
- Insert a new needle. Loosen screws 3, 4, 5 and 6.
- Position the needle directly over the bottom feed dog by turning the handwheel.
- Move needle bar frame 7 in accordance with the requirement.
- Tighten screws 3, 4 and 5.
- Position stop 8 so that it is touching needle bar frame 7 and tighten screw 6.

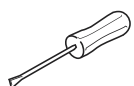
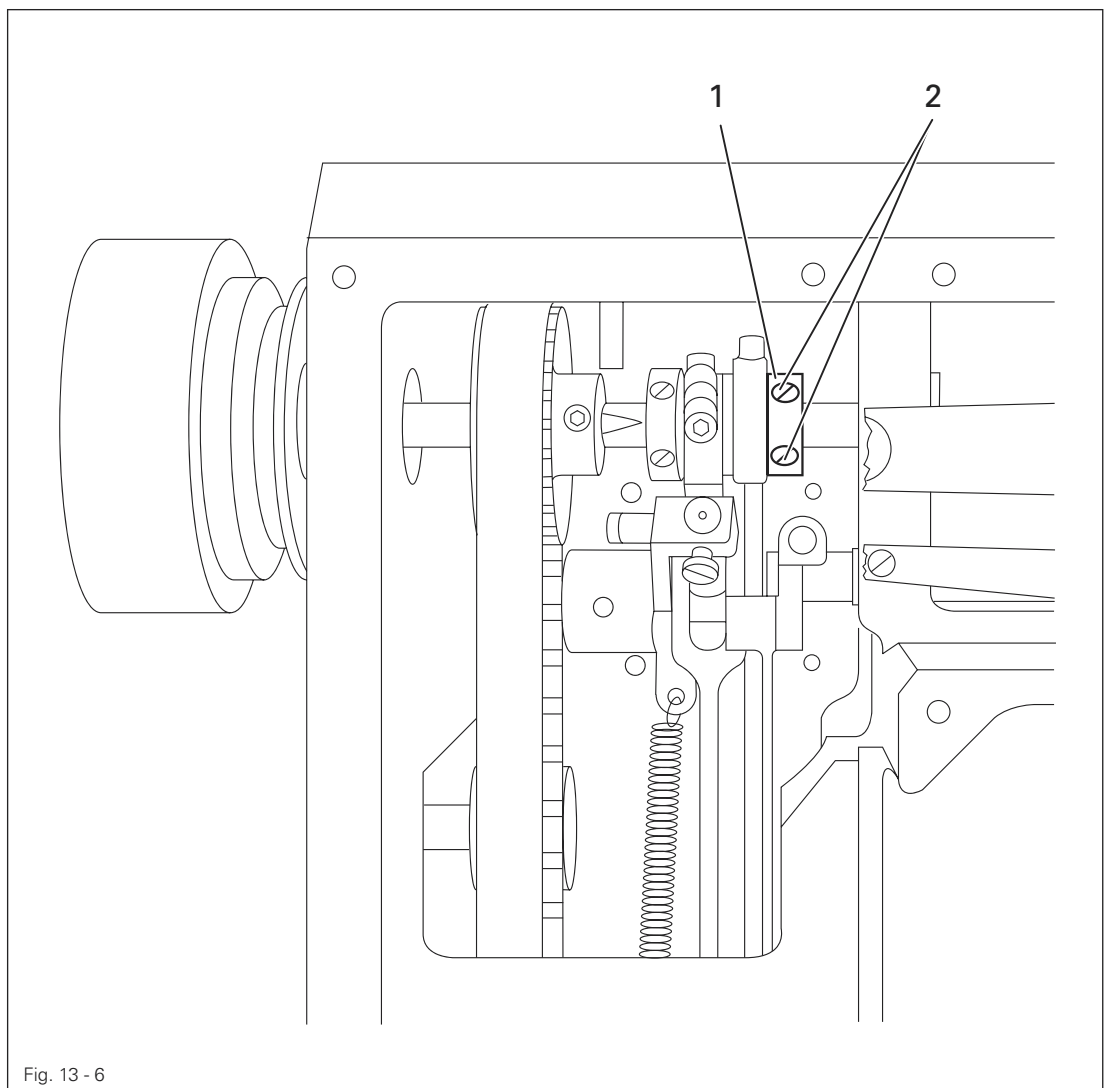


The movement of needle bar frame 7 in guide 9 and of the top feed drive bars must not be stiff.

13.05.06 Lifting motion of the bottom feed-dog

Requirement

1. With the needle bar at its BDC, the bottom feed dog must be at its TDC.
2. With the longest stitch set, the bottom feed dog must reach the top surface of the needle plate at the same time as the needle point when the handwheel is turned.



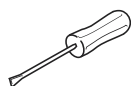
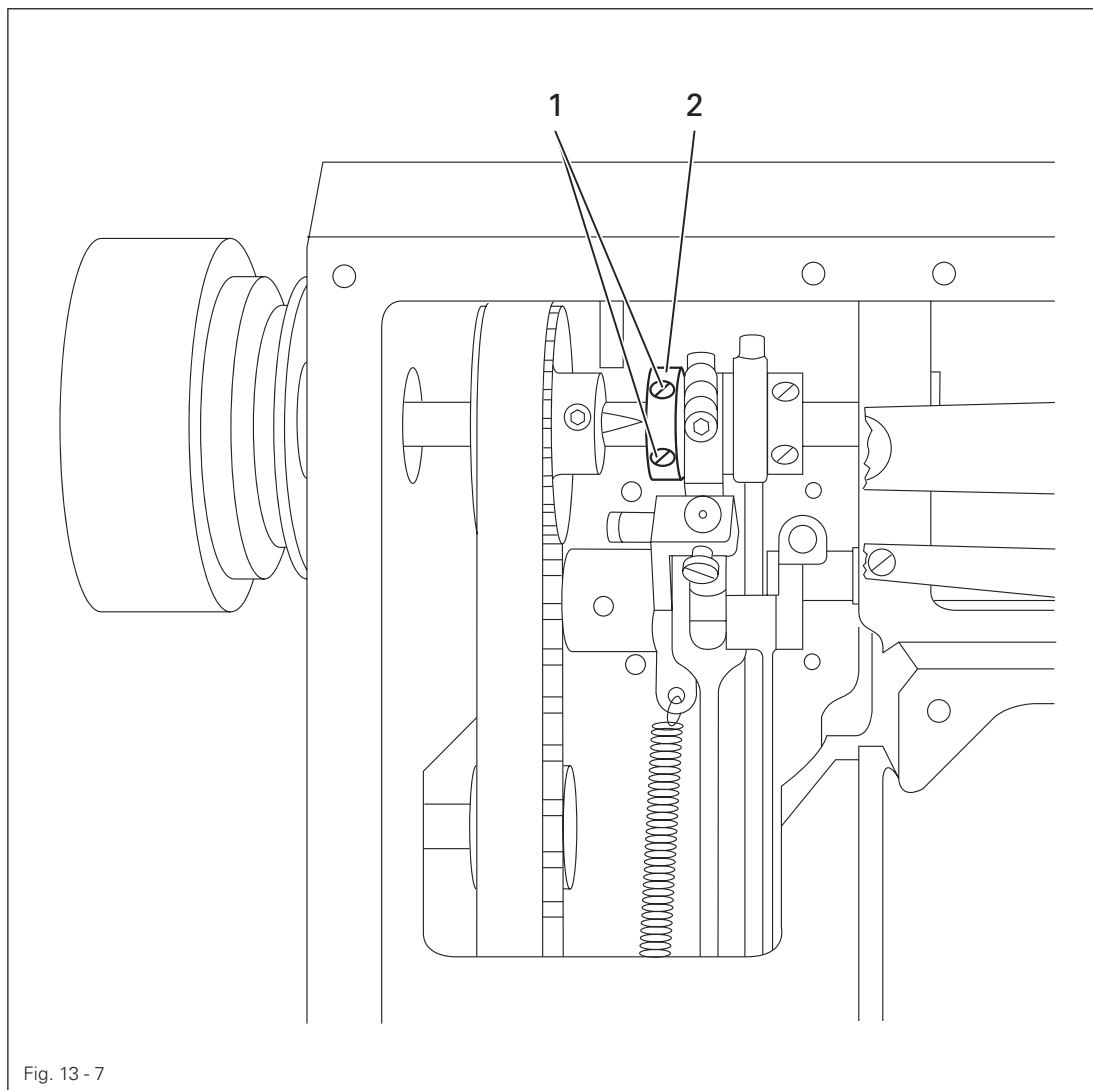
- Bring the needle bar to its BDC.
- Turn feed lifting eccentric **1** (screws **2**) in accordance with **requirement 1**.
- In this position, tighten the accessible screw **2** until feed lifting eccentric **1** can be turned with difficulty.
- Turn feed lifting eccentric **1** a little further in accordance with **requirement 2**.
- Tighten both screws **2**.

Adjustment

13.05.07 Driving motion of the bottom and top feeds

Requirement

With the longest stitch length set and the needle bar at its BDC, the top and bottom feeds should not move when the reverse-feed lever is activated..



- Set the longest stitch.
- Loosen screws 1 just far enough so that the feed driving eccentric 2 can be turned on the shaft with difficulty.
- Bring the needle bar to its BDC.
- Turn the feed driving eccentric 2 so that its eccentricity is facing downwards.
- Now turn it a little in the direction of rotation in accordance with the **requirement**.
- In this position, tighten screws 1.
- Carry out a check in accordance with the **requirement**.

13.05.08 Hook-to-needle clearance, needle rise, needle height and needle guard

Requirement

When the stitch length is set at "3" and with the needle rise position set (see table):

1. the hook point must be at "needle centre" with a hook-to-needle clearance of **0.05 to 0.1 mm**;
2. the top of the needle eye must be **0.8 - 1,0 mm** below the hook point;
3. and needle guard **5** must touch the needle just lightly..



Needle rise position:

2,0 mm after b.d.c. off the needle bar

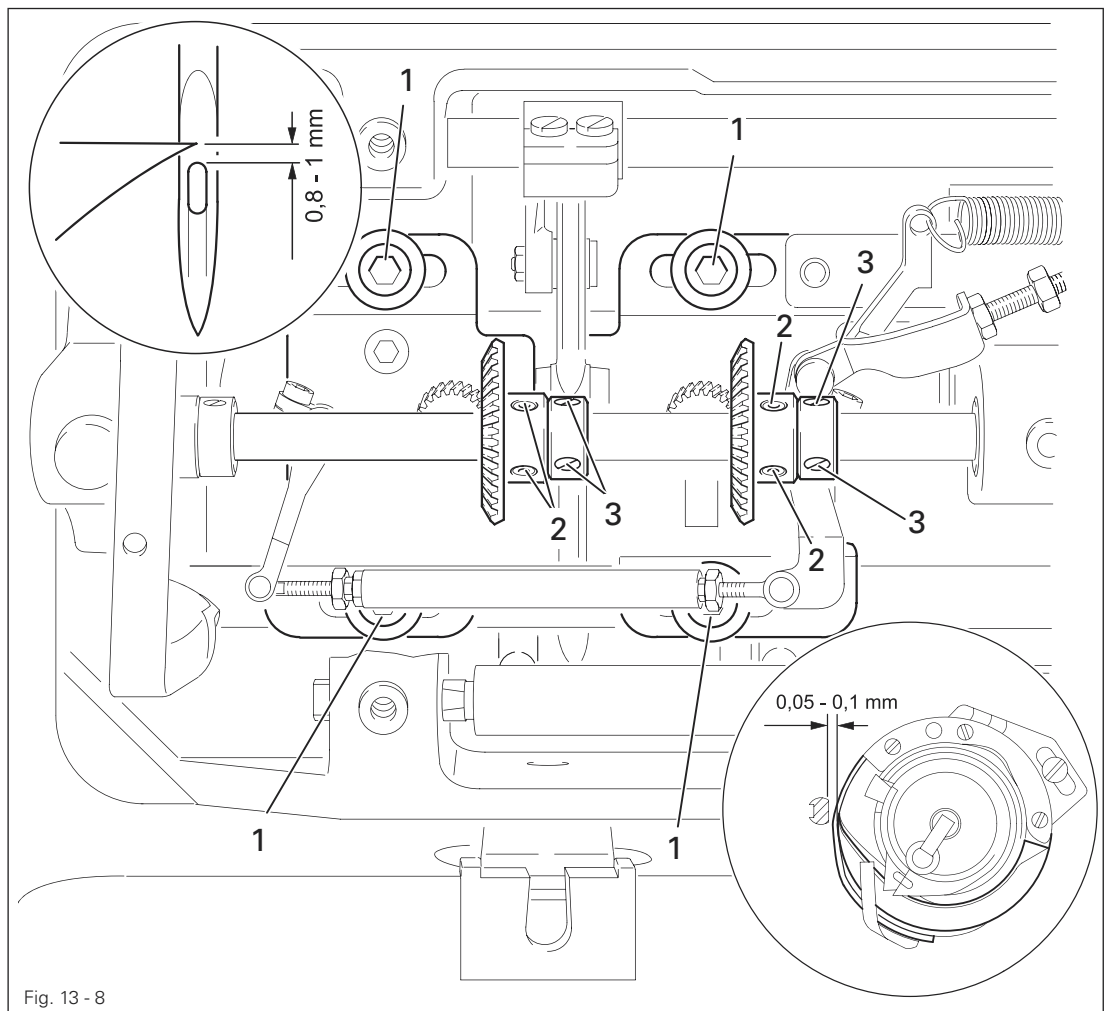
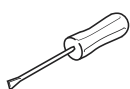


Fig. 13 - 8



- Set stitch length "3" and loosen screws **1**, **2** and **3**.
- Bring the needle to its BDC and slide the appropriate feeler gauge under the needle bar bearing.
- Position the adjustable clamp against the feeler gauge and screw it tight.
- Remove the feeler gauge and turn the balance wheel in its direction of rotation until the adjustable clamp is touching the needle bar bearing.

Adjustment

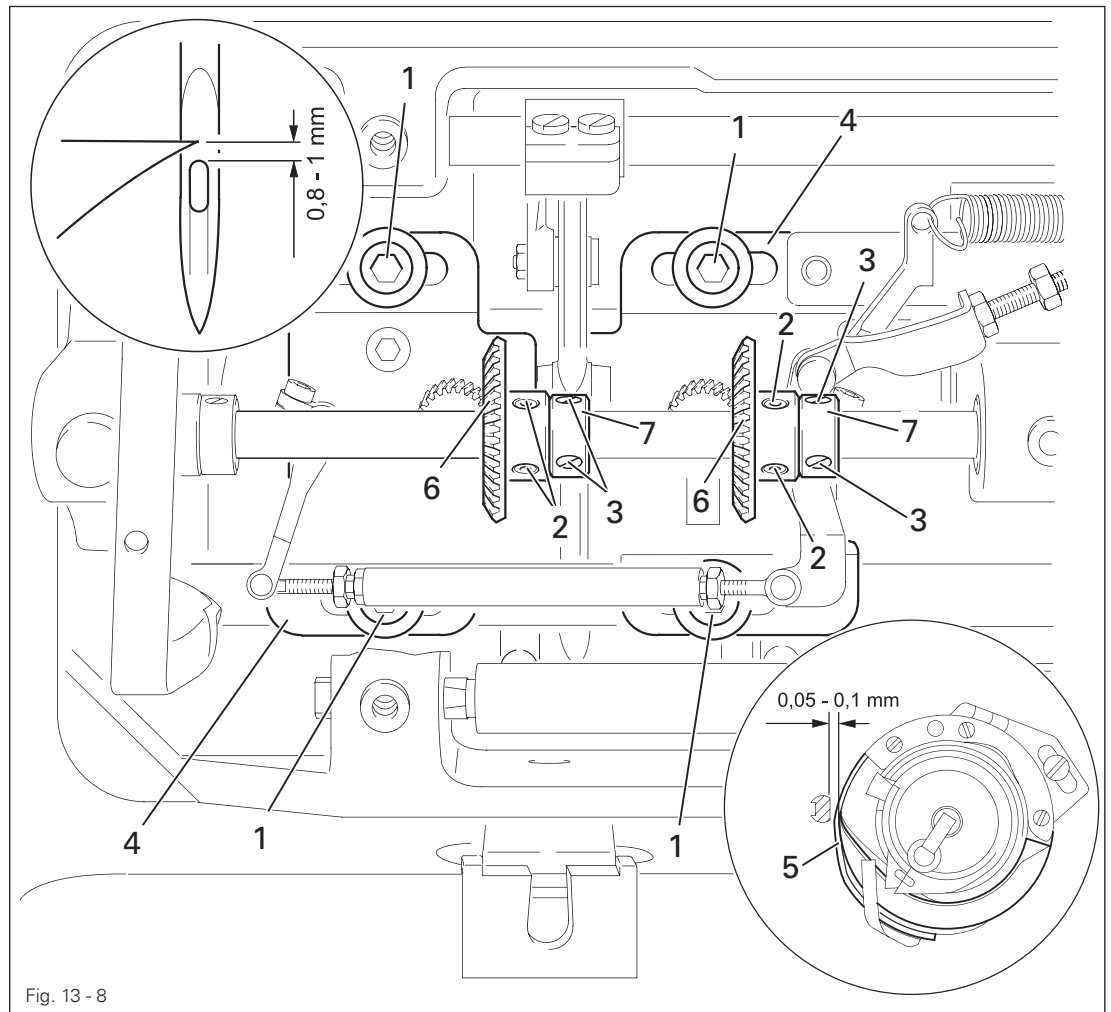
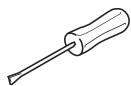


Fig. 13 - 8



- Move hook bearing 4 in accordance with **requirement 1**.
- Tighten screws 1.
- Position the hook point at the needle centre, taking care to ensure that the needle is not de ected by needle guard 5.
- While ensuring that bevel gear 6 is not too close, and that the hook does not have too much play, tighten screws 2.
- Position retaining collar 7 so that it rests on bevel gear 6 and tighten screws 3.
- Adjust the needle height in accordance with **requirement 2**.
- Align needle guard 5 in accordance with **requirement 3**.

13.05.09 Top-feed stroke

Requirement

At the largest top-feed stroke setting and stitch length "0", presser foot **1** and vibrating presser foot **2** must lift **7.0 mm** from the needle plate when the handwheel is turned.

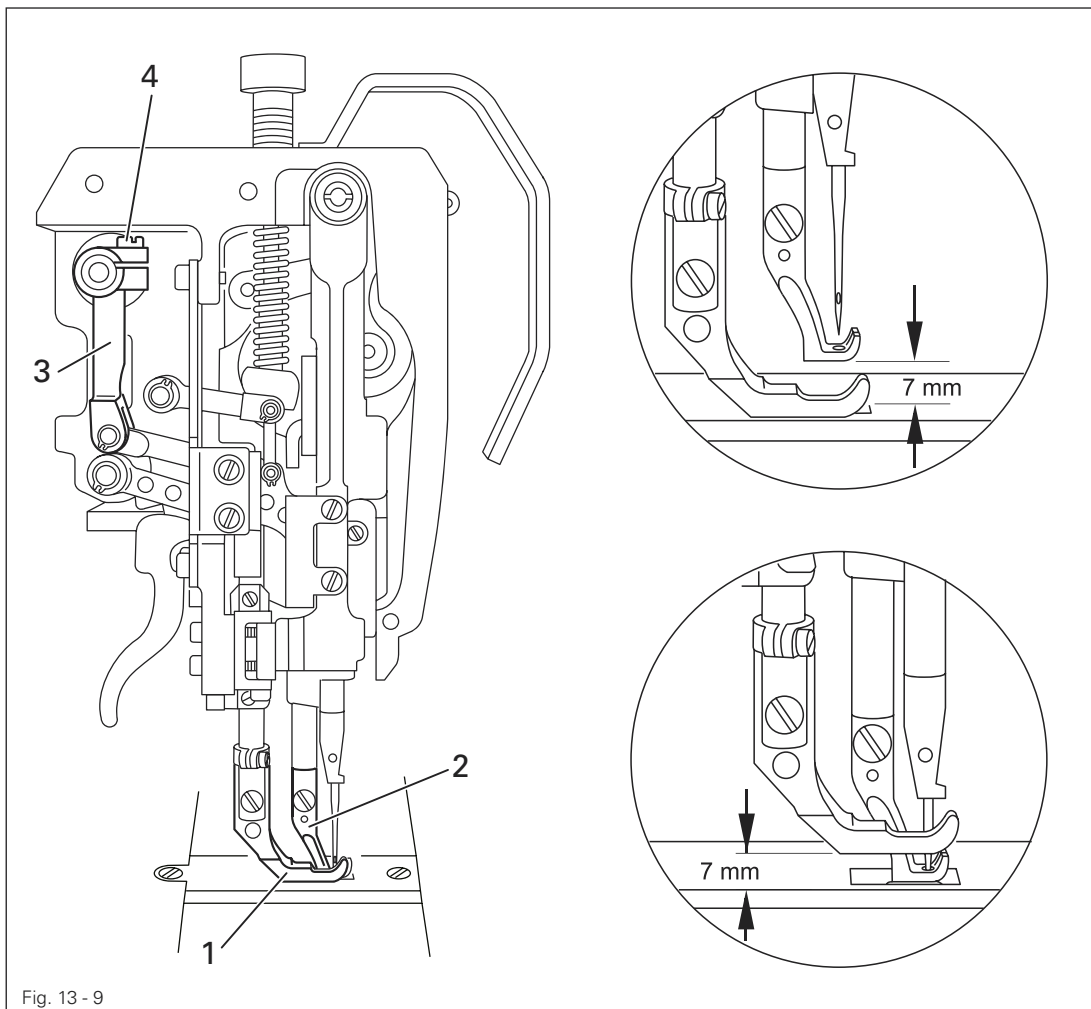
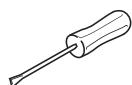


Fig. 13 - 9



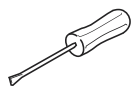
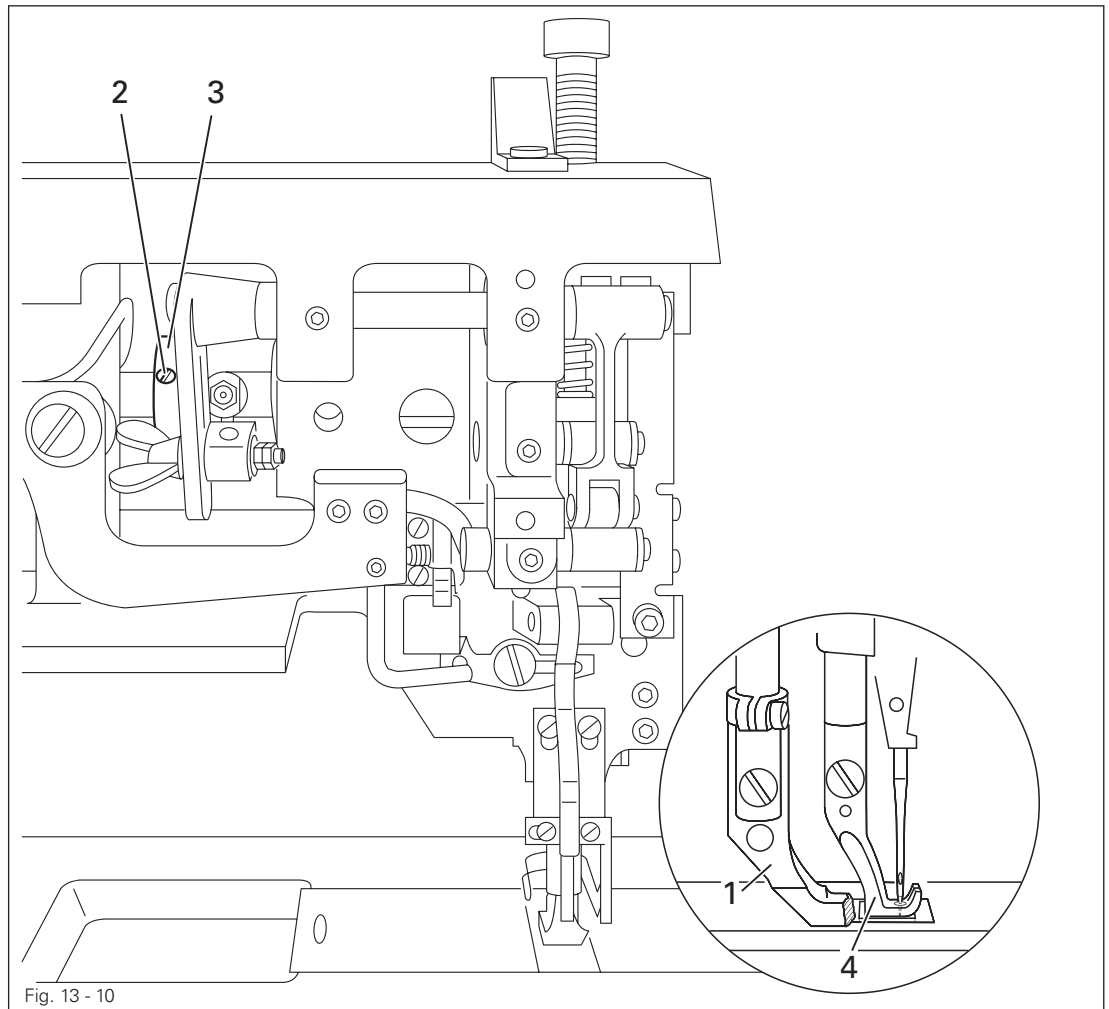
- Set the largest top-feed stroke and the stitch length at "0".
- Bring presser foot **1** to rest on the needle plate.
- Turn the handwheel in the direction of rotation until vibrating presser foot **2** has reached its highest point.
- Turn crank **3** (screws **4**) in accordance with the **requirement**..

Adjustment

13.05.10 Lifting motion of the top feed

Requirement

When presser foot **1** is resting on the needle plate, the vibrating presser foot **4** and the point of the needle must both reach the needle plate at the same time when the top feed stroke is set at maximum.



- Allow presser foot **1** to rest on the needle plate.
- Loosen screws **2** until feed lifting eccentric **3** can be turned on its shaft with difficulty.
- Turn feed lifting eccentric **3** in accordance with the **requirement**.
- Tighten screws **2**.
- Carry out a check in accordance with the **requirement**.

13.05.11 Bobbin-case opener

Requirement

The needle thread must not be clamped between the bobbin-case opener **1** and the bobbin-case base **3** nor may it be clamped between projection **4** and the retaining trip of the needle plate (see arrows).

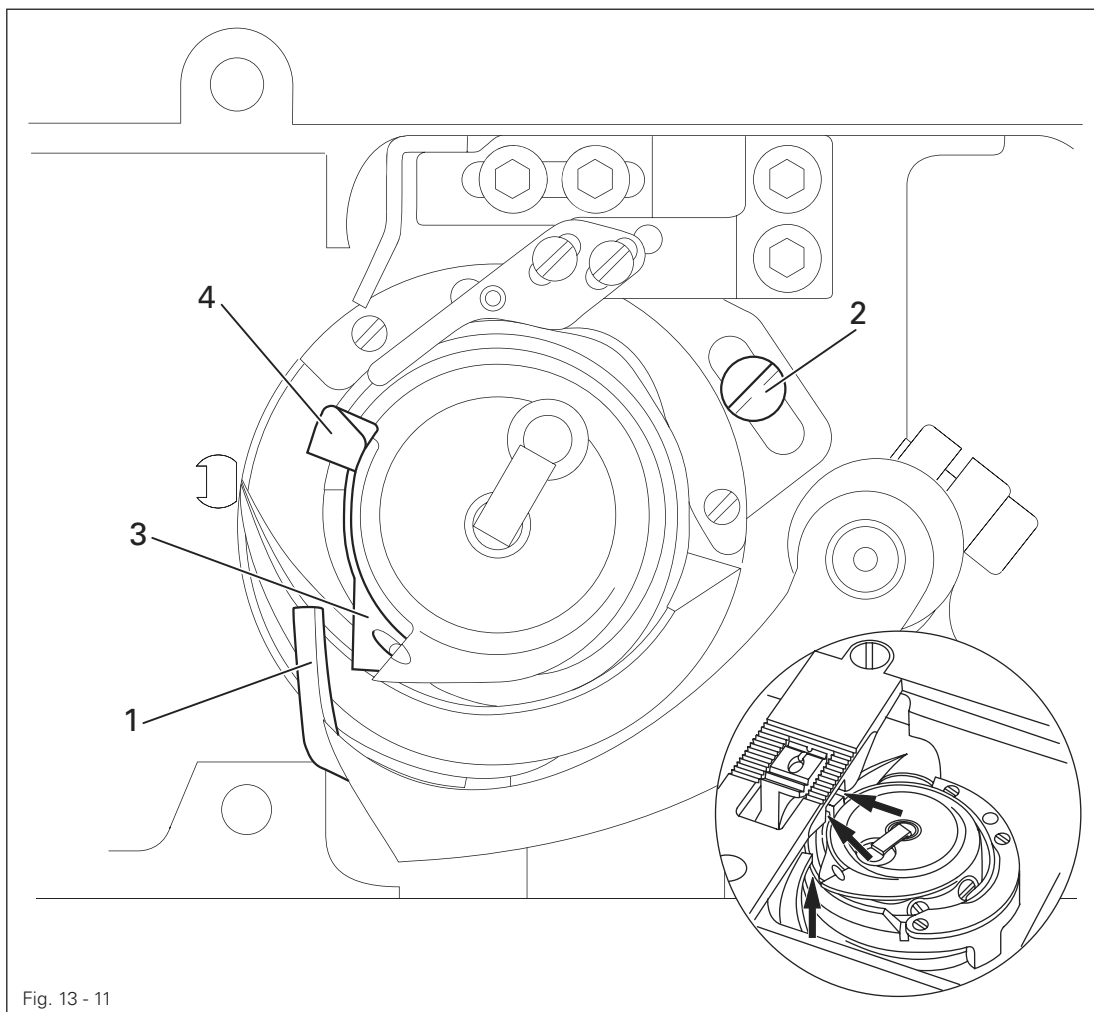
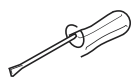


Fig. 13 - 11



- Thread the machine, insert test material and allow the presser foot to rest on the needle plate.
- Sew a few stitches by turning the handwheel and carry out a check in accordance with the **requirement**.
- Turn bobbin-case opener **1** (screw **2**) in accordance with the **requirement**.

Adjustment

13.05.12 Safety clutch



The safety clutch is set by the manufacturer and screws **5** are sealed. If the thread jams, the safety clutch snaps out to prevent damage to the hook. A description of how to snap the clutch back in follows.

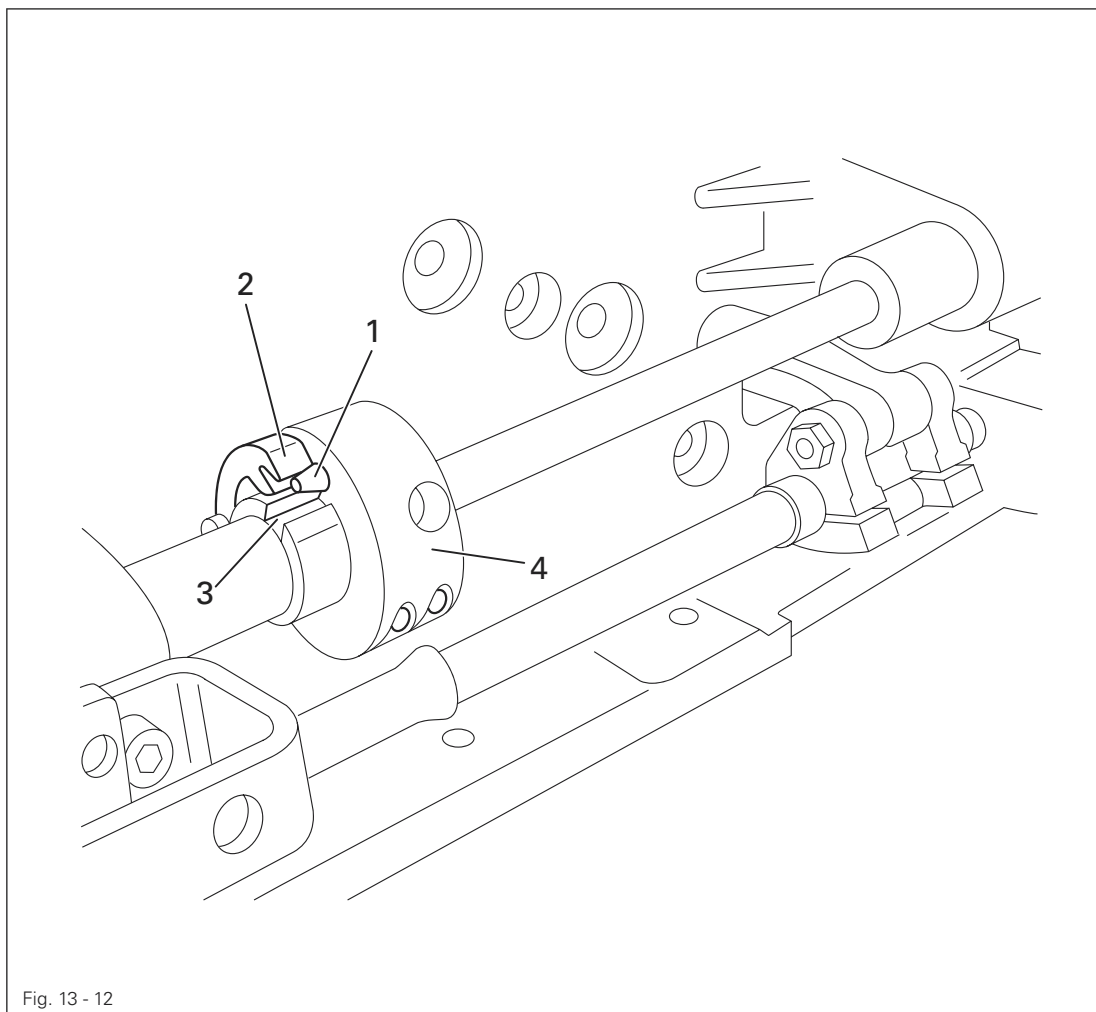
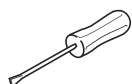


Fig. 13 - 12



- Remove the jammed thread.
- Press piston **1** and turn the handwheel until hook **3** of pawl **2** clicks into groove **4**.

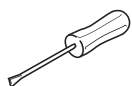
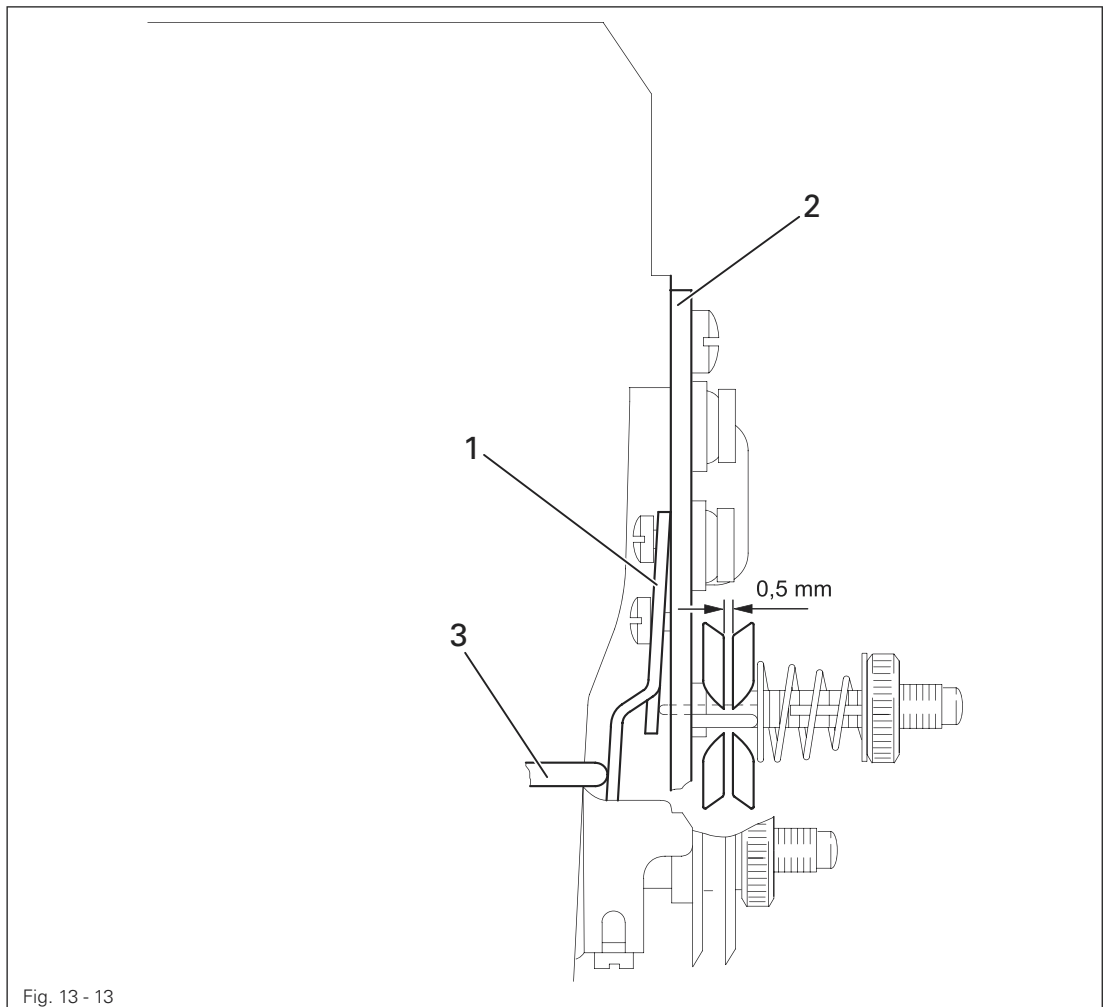
13.05.13 Needle thread tension release

Requirement

With the presser foot raised, both of the tension discs must be at least **0.5 mm** apart.



The clearance of **0.5 mm** is a minimum and can increase to more than **1 mm** when using thick threads.



- Raise the presser foot using the hand lever.
- Align the compression plate **1** behind the tension bearing board **2** in accordance with the **requirement**.



If the tension is correct, release pin **3** must not be under pressure.

Adjustment

13.05.14 Thread check spring

Requirement

The movement of thread check spring **2** must be nished when the needle point enters the material (approx. **7 mm** spring path).



Due to technical reasons, the length of the thread-check spring path can vary a little in either direction.

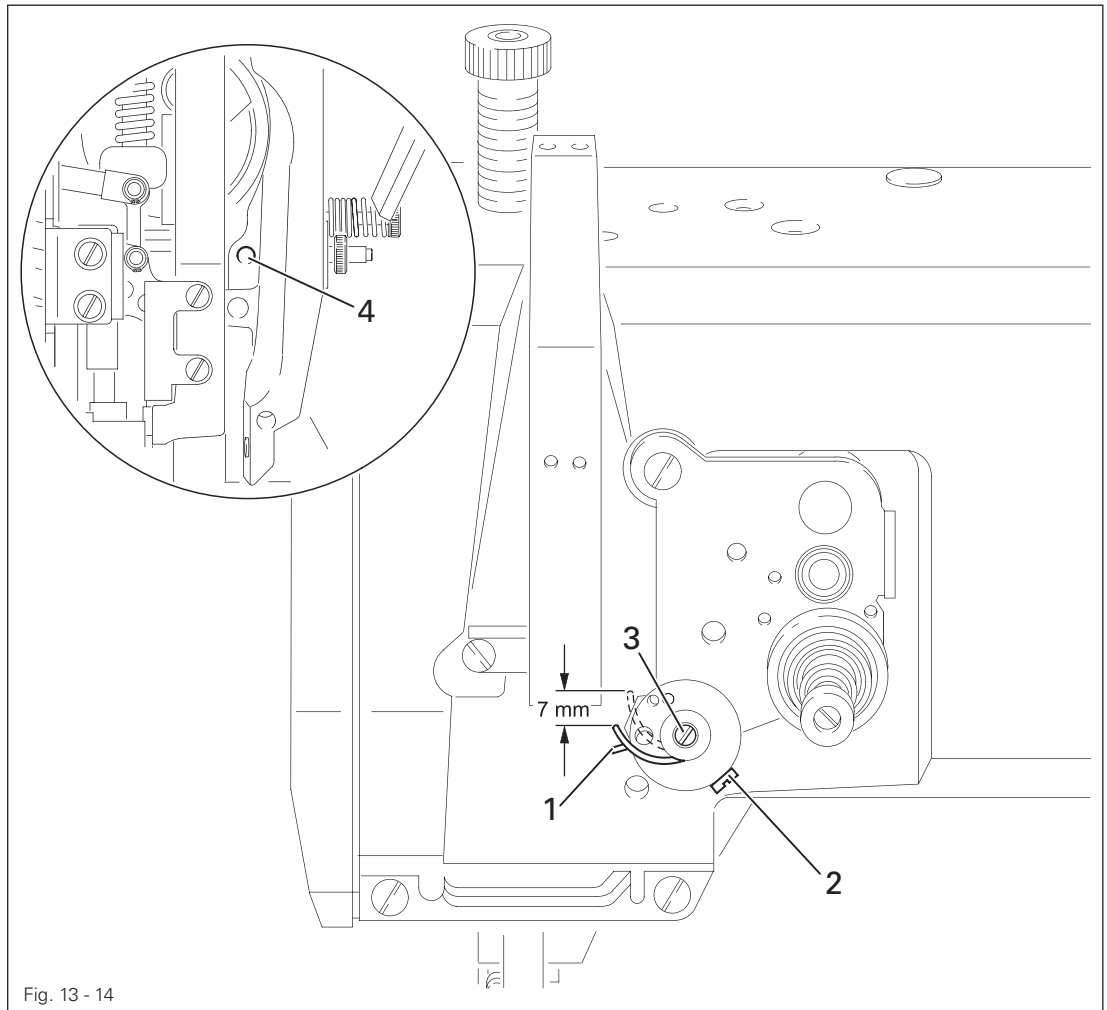
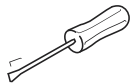


Fig. 13 - 14



- Adjust stop **1** (screw **2**) according to **requirement**.
- To adjust the pressure of the spring, turn screw **3** (screw **4**).

Adjustment

13.05.15 Bobbin winder

Requirement

1. With the bobbin winder switched on, the bobbin winder spindle must engage reliably.
2. With the bobbin winder switched off, friction wheel **5** must not touch drive wheel **1**.
3. The bobbin winder must switch off automatically when the thread level is approximately **1 mm** from the edge of the bobbin.

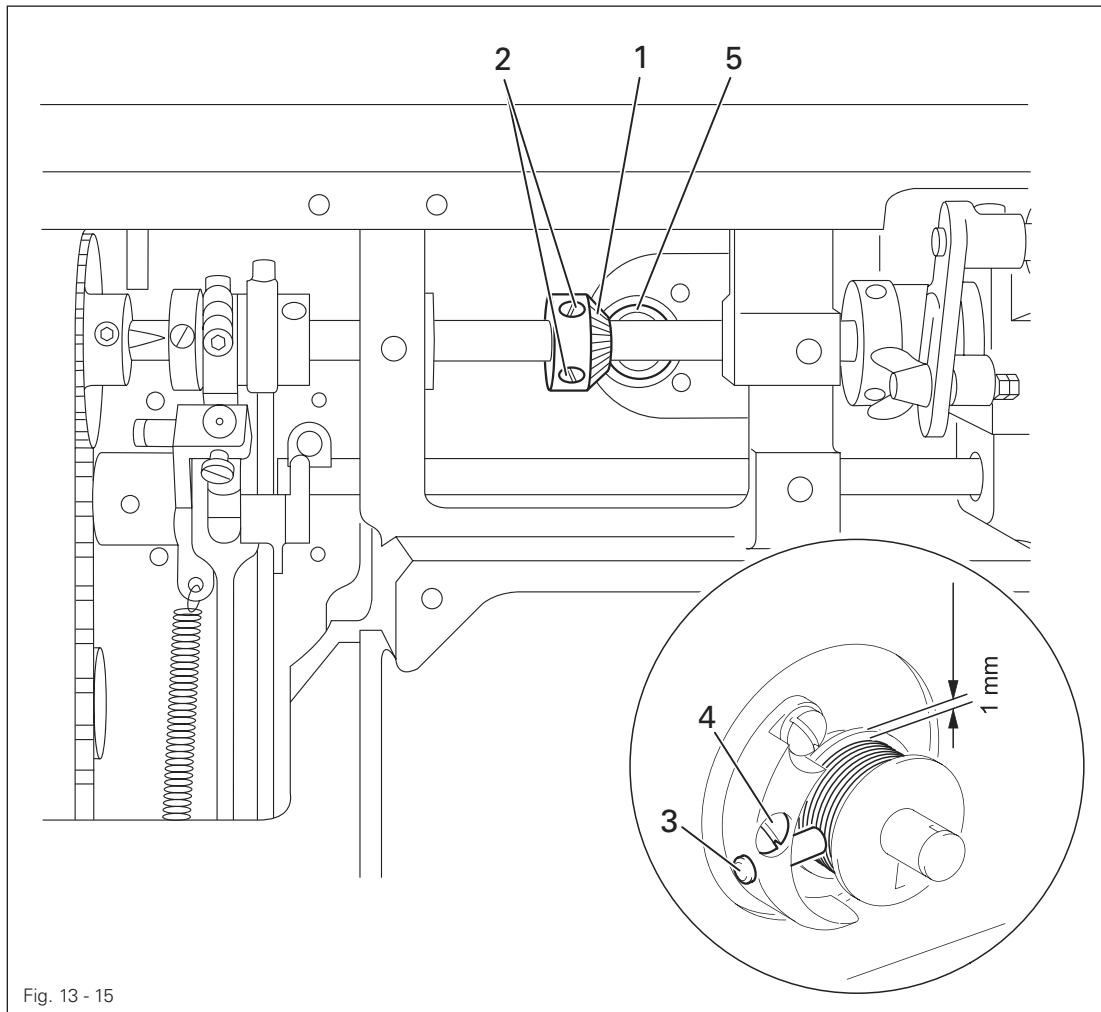
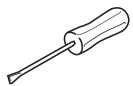


Fig. 13 - 15

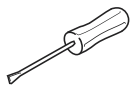
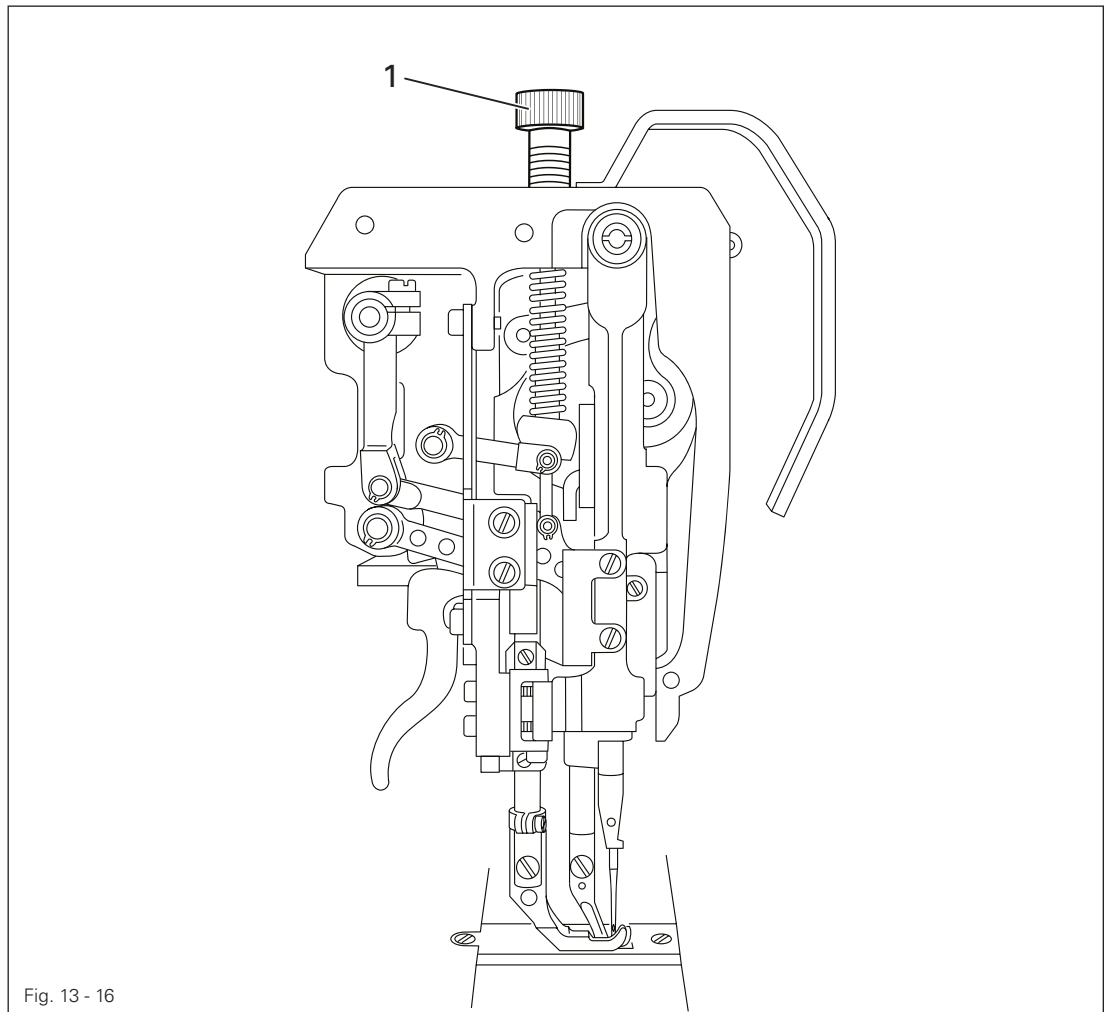


- Move drive wheel **1** (screws **2**) in accordance with **requirement 1** and **2**.
- Move stop latch **3** (screws **4**) in accordance with **requirement 3**.

13.05.16 Presser-foot pressure

Requirement

The material must be fed reliably even at top sewing-speed. There mustn't be pressure marks on the material.



- Turn screw 1 in accordance with the **requirement**.

CE DECLARATION OF CONFORMITY

Distributor:

Strima Sp. z o.o.

Swadzim, ul. Poznańska 54

62-080 Tarnowo Podgórne, Poland

In accordance with the CE machinery directive 98/37/CE, appendix II B, we hereby declare that the type of construction of the sewing machine (sewing head):

Forte UF

(MA1245-6/01 CLPMN8)

As delivered has been designed and manufactured for fitting in a sewing unit or sewing system and that its commissioning is prohibited until such time as the sewing unit or sewing system in which the sewing machine head is to be fitted is found to comply with the provisions of CE machinery directive (98/37/CE).

Applied harmonized standards in particular:

EN 60204-31 (as far as applicable and appropriate)

HD *texi*®

Dealer: