1.06.02 Position of the thread catcher holder

Requirement

1. There should be a minimum amount of play between toothed wheel 3 and toothed segment 4.
2. The distance between the toothed segment 4 and the outer edge of the thread catcher holder 1 should be the same size (see arrow) in both the neutral position and the front turning point position of the catcher,.

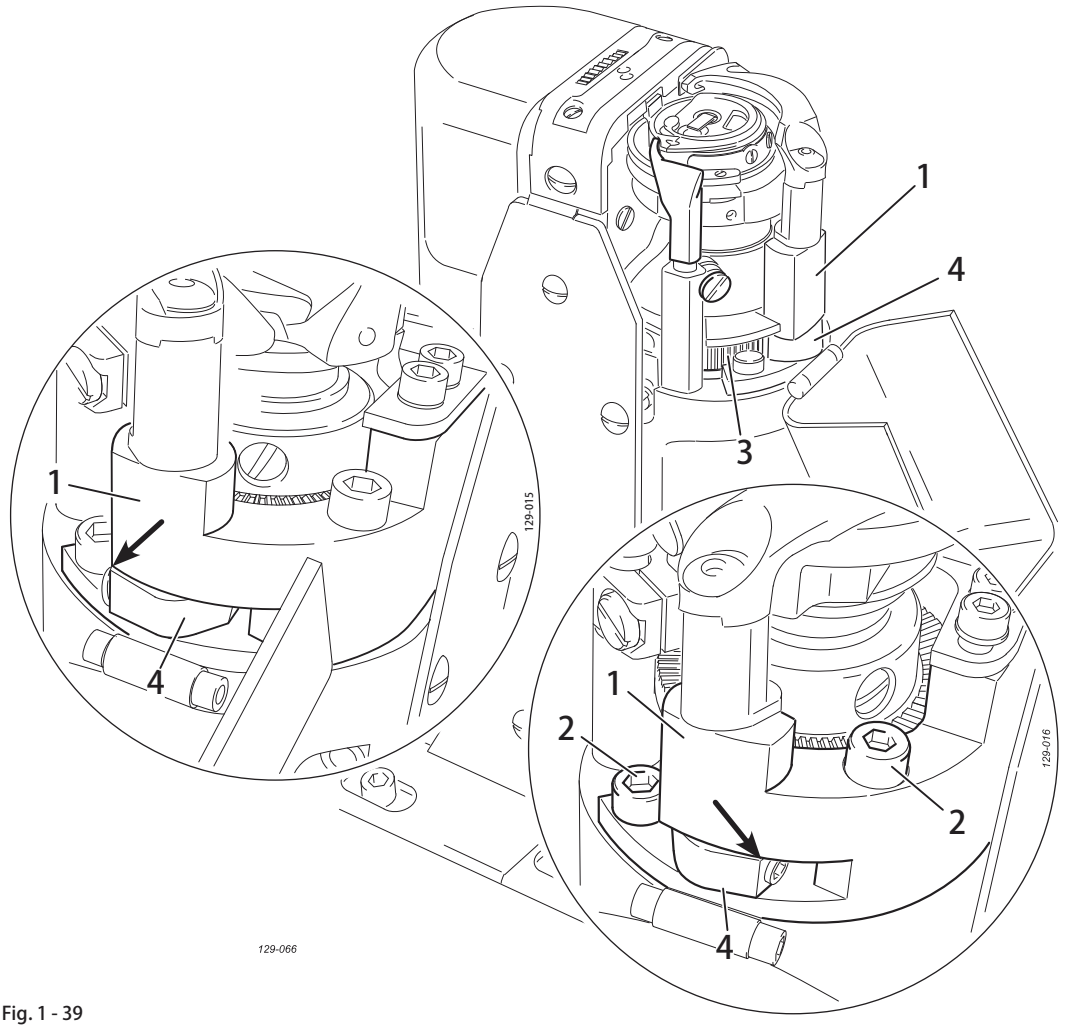
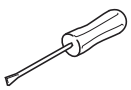


Fig. 1 - 39



- Adjust the thread catcher holder 1 (screws 2) according to the requirements.



If requirement 2 cannot be fulfilled, loosen screw 2 and move the toothed segment 4 by one tooth.

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1.06.03 Position of the thread catcher

Requirement

1. The bottom edge of the thread catcher 1 should be at a distance of 0.1 mm from the positioning finger of the bobbin case 5.
2. When the thread trimmer is in its resting position, the rear edge of thread catcher 1 should be positioned behind the edge of knife 2.5mm-3mm.

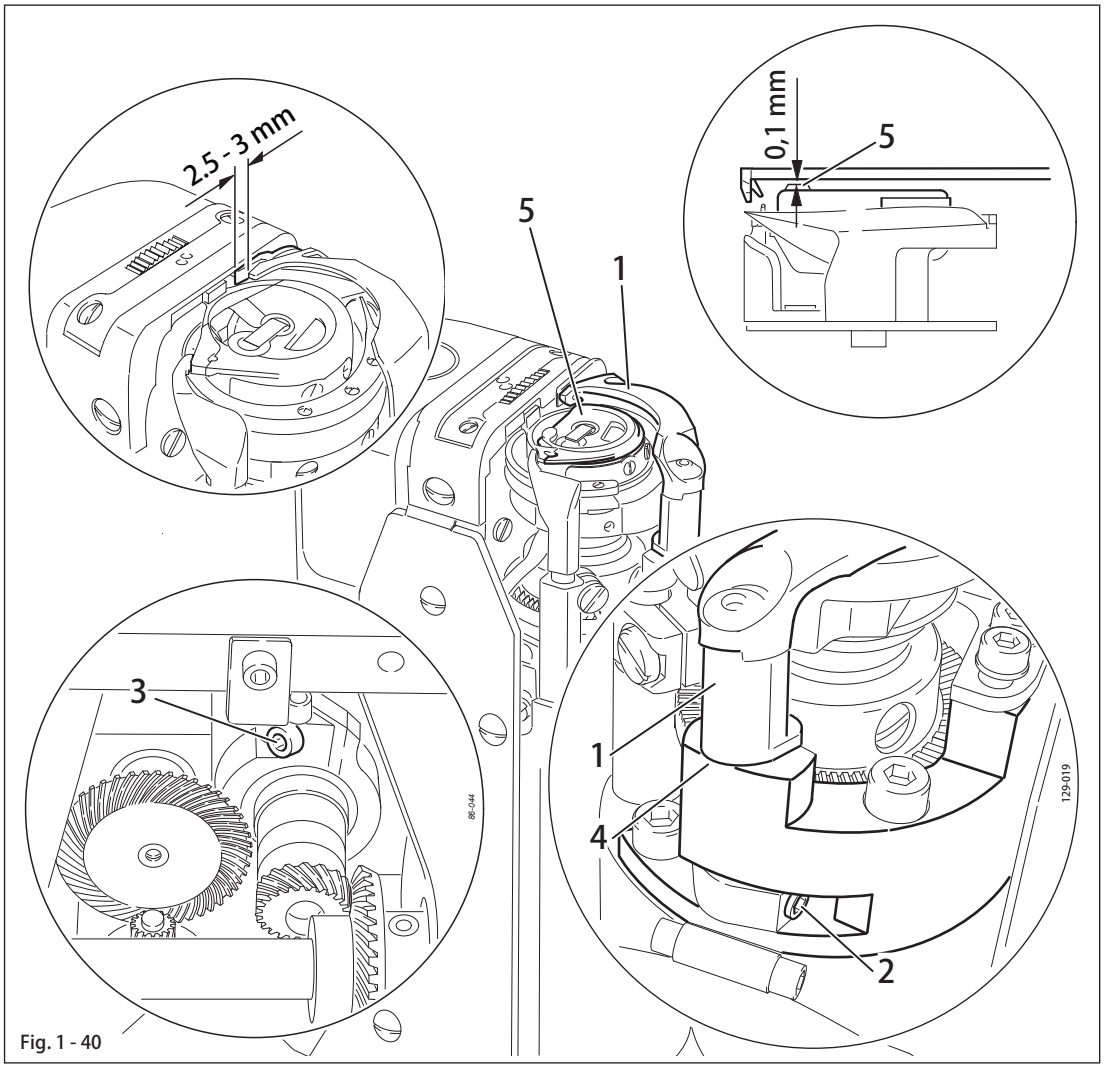


Fig. 1 - 40

- Move thread catcher 1 (screws 2, two screws) in accordance with requirement 1.
- Turn thread catcher 1 (screw 3) in accordance with requirement 2.

Thread catcher 1 must be parallel to the surface of the thread catcher holder 4.

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1.06.04 Knife position and knife pressure

Requirement
The knife pressure should be set as low as possible but the cutting operation should be completed safely.

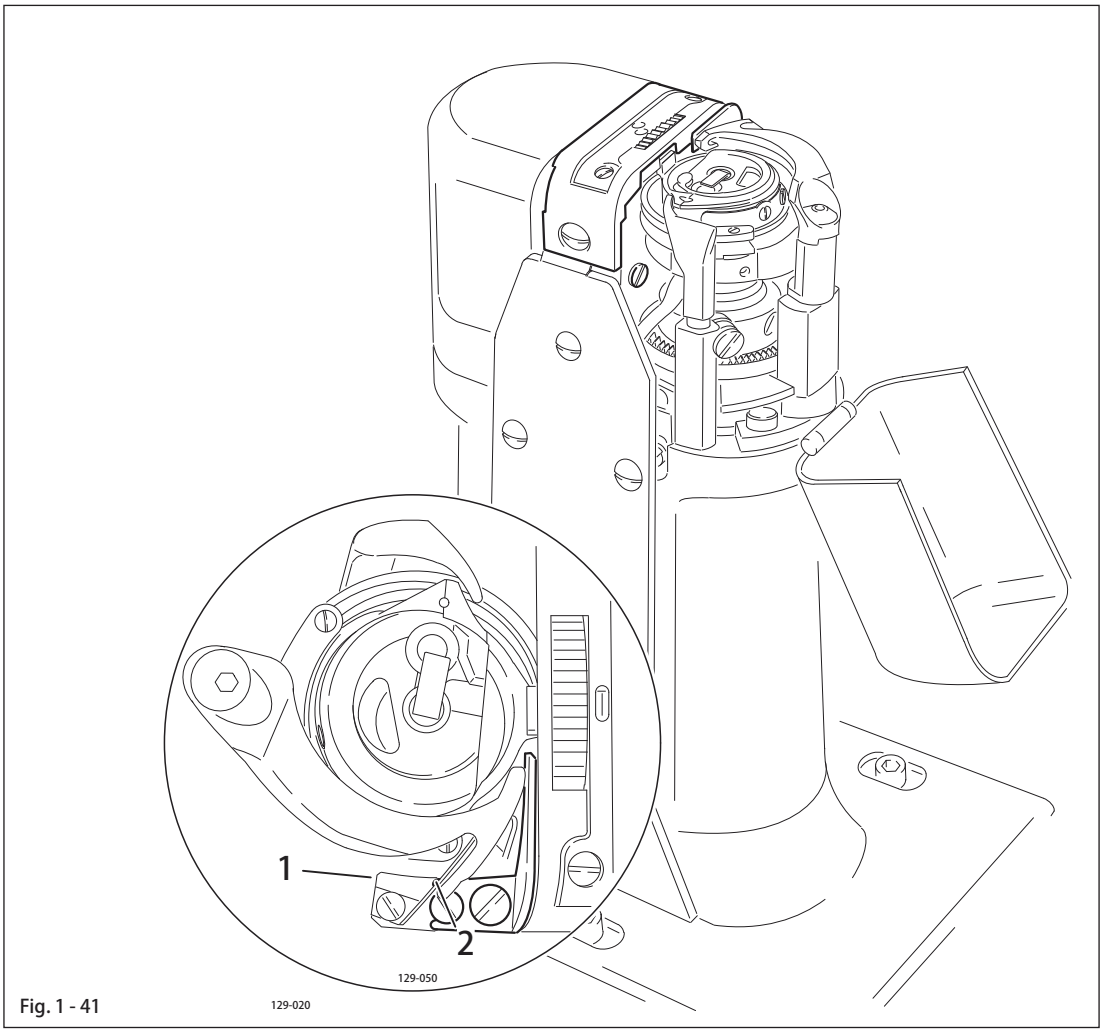
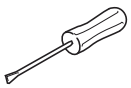


Fig. 1 - 41 129-020



- **Adjust eccentric 1 (screw 2) in accordance with the requirement.**

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1.06.05 Bobbin thread retaining spring

Requirement
The tension of the bobbin thread clamp spring should be as low as possible, but it should reliably hold the bobbin thread after trimming.

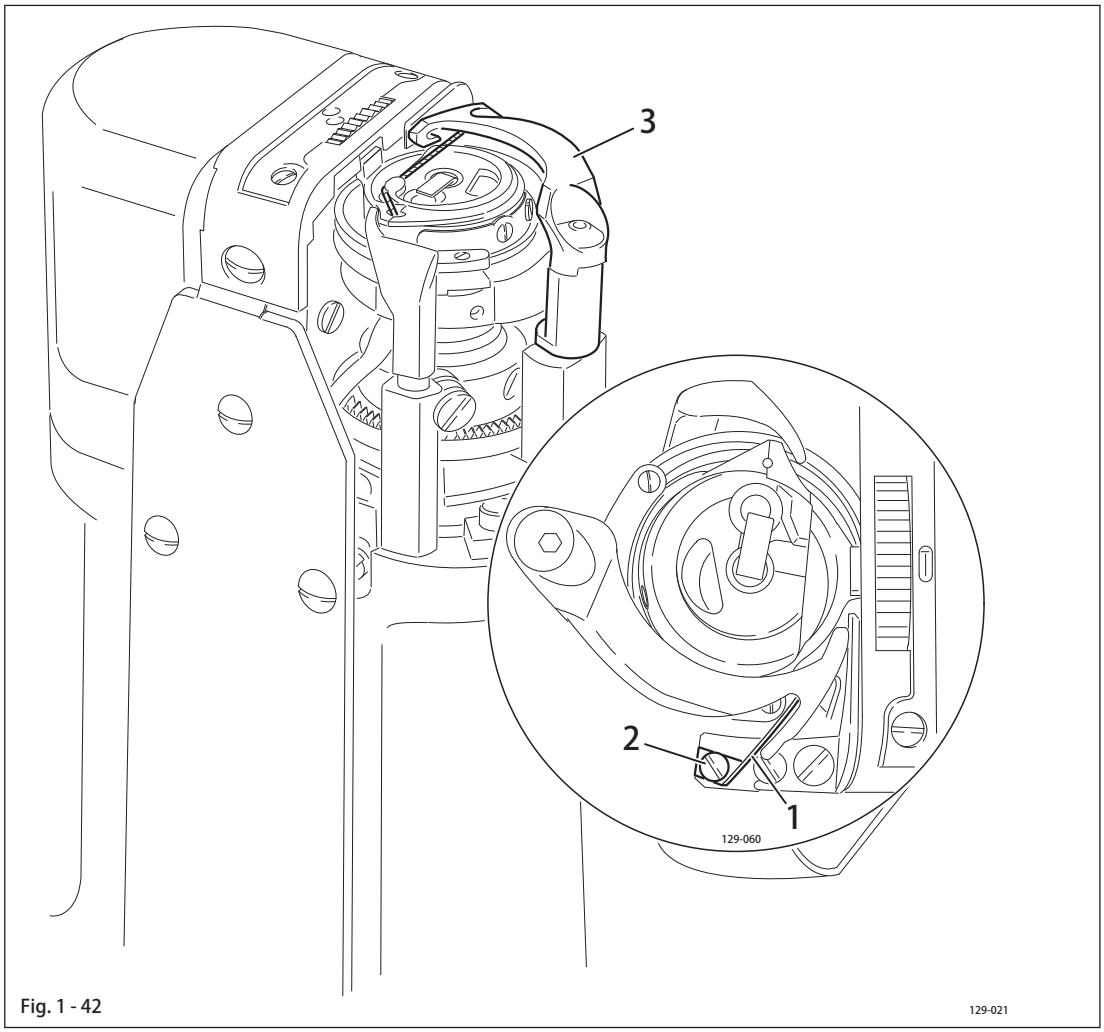
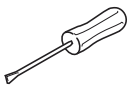


Fig. 1 - 42



- Adjust bobbin thread clamp spring 1 (screws 2) in accordance with requirement.

Control

- After the thread has been cut, sew a few stitches by turning the balance wheel, checking whether the bobbin thread is drawn out of the bobbin thread clamp spring between the 1st and 3rd stitches. If necessary, correct the tension.

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1.06.06 Manual cutting test

Requirement
1. When thread catcher 1 is on its forward stroke, it must not carry bobbin thread 3 forward too.
2. When thread catcher 3 is in its front position, bobbin thread 3 must be held reliably by hook 4.
3. After the trimming action, both the needle thread and the bobbin thread must be perfectly cut and bobbin thread 3 retained.

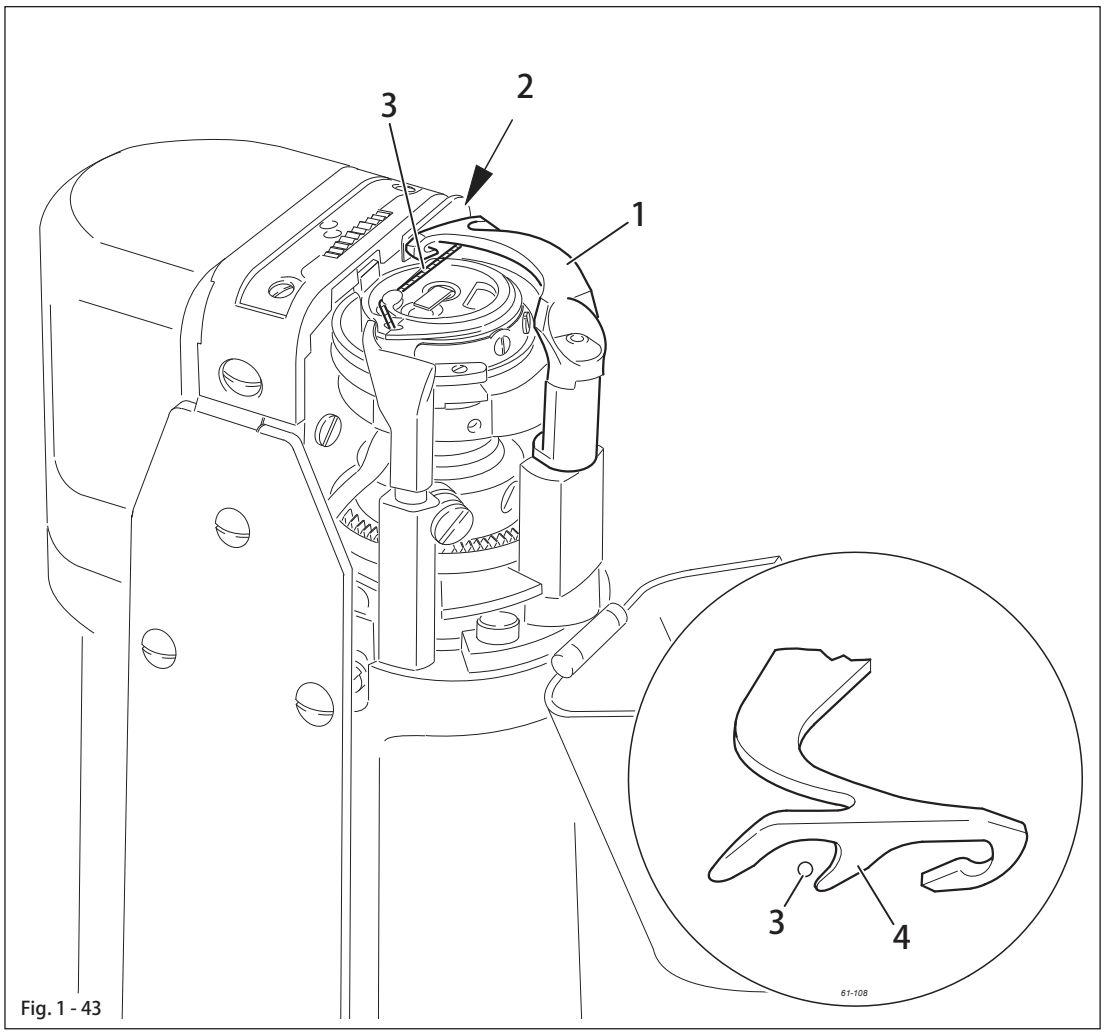
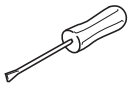


Fig. 1 - 43



- Sew a few stitches.
- Turn off the on/off switch.
- Carry out the cutting operation manually.
- Check requirement 1and 2, and if necessary readjust thread catcher 1 in accordance with Chapter 1.06.03 Position of the thread catcher.
- Check requirement 3, and if necessary readjust the bobbin thread retaining spring 2 in accordance with Chapter 1.06.05 Bobbin thread retaining spring.

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