



Class 204-2  
Class 205-6

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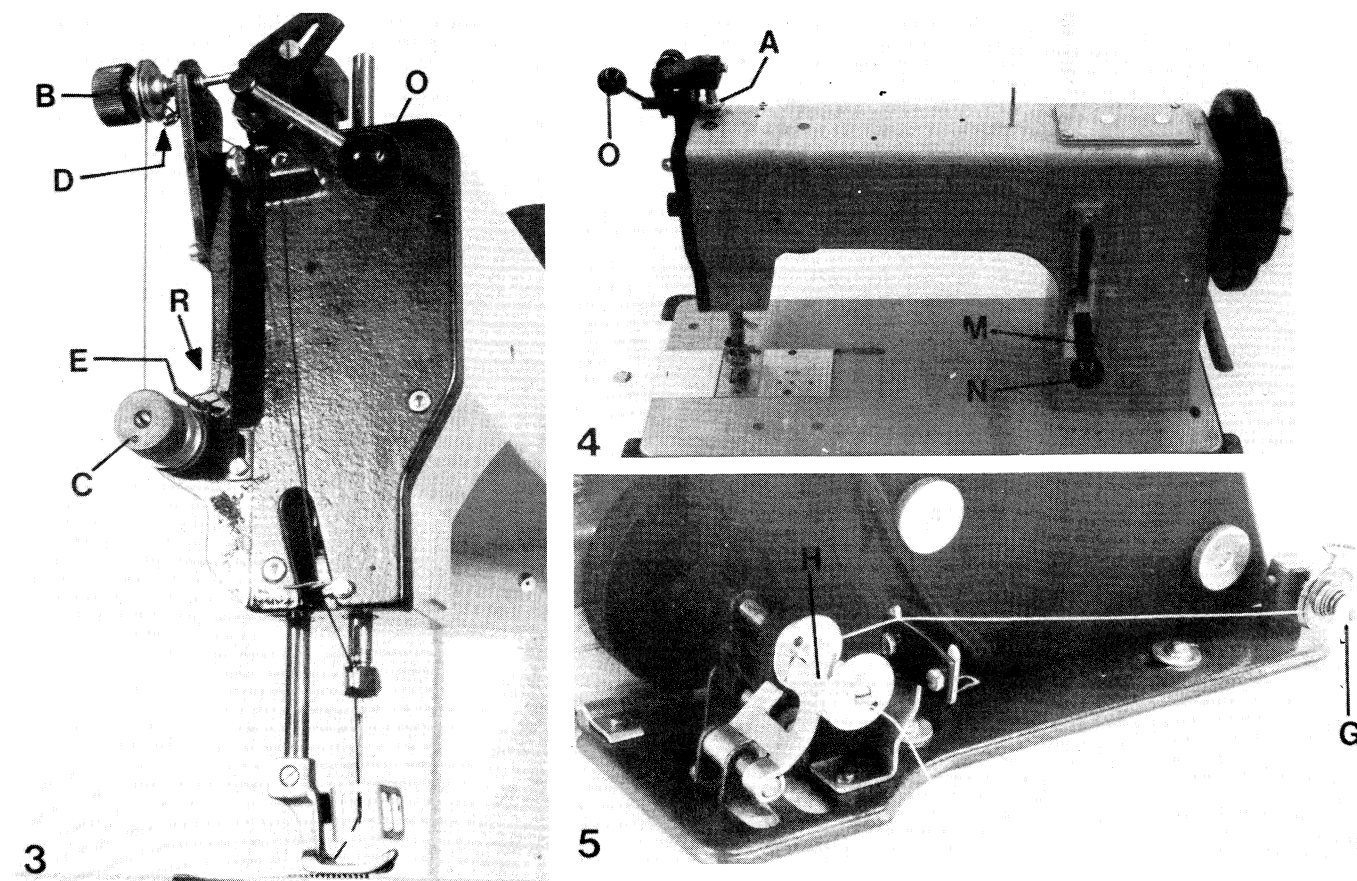
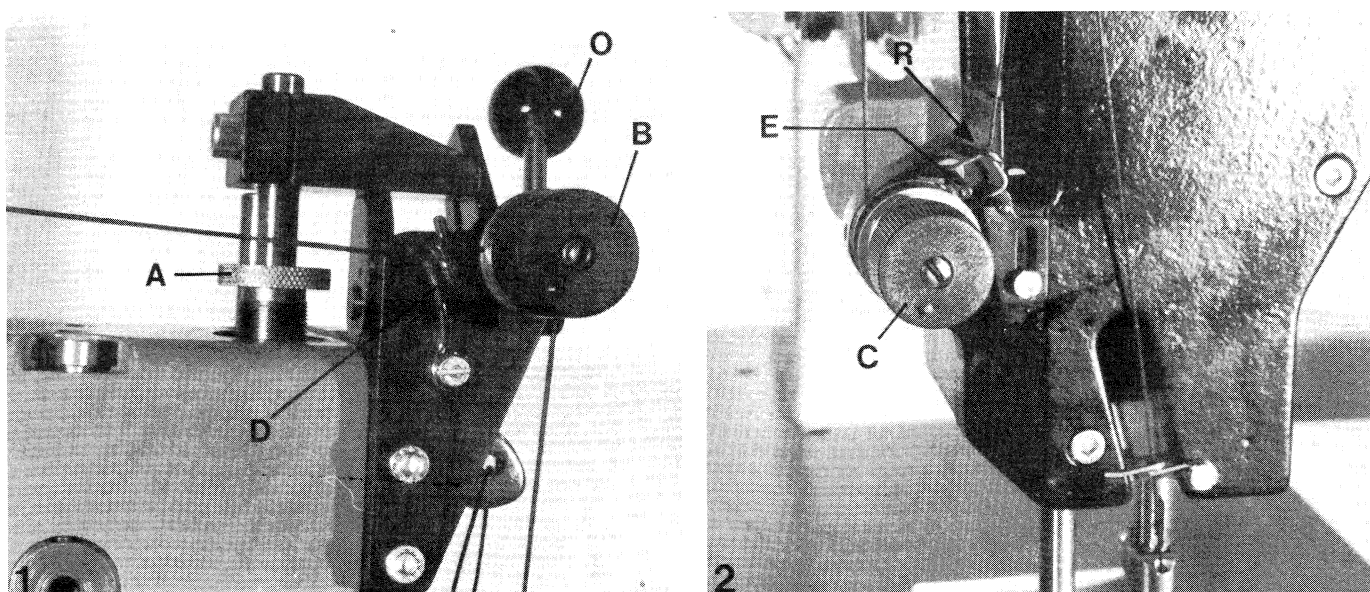
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## Functional elements

- A/1,4 Knurled screw to adjust presser foot pressure
- B/1,3 Control button to set needle thread main tension
- C/2,3 Control button to set needle thread pretension
- D/1,3 Thread guide
- E/2,3 Thread guide
- G/5 Adjustable bobbin winder pretension system
- H/5 Bobbin winder with stopping lever
- M/4 Knurled knob to set stitch length
- N/4 Stitch regulator lever to switch over to reverse stitch
- O/3,4 Lever to lock the presser foot in raised position
- R/2,3 Thread take-up spring
- Main switch
- Knee lever to raise the presser foot
- Pedal







## Needle

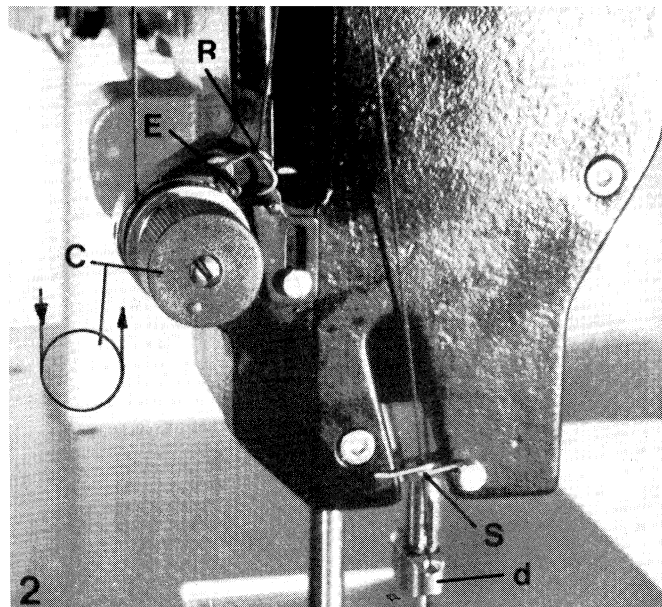
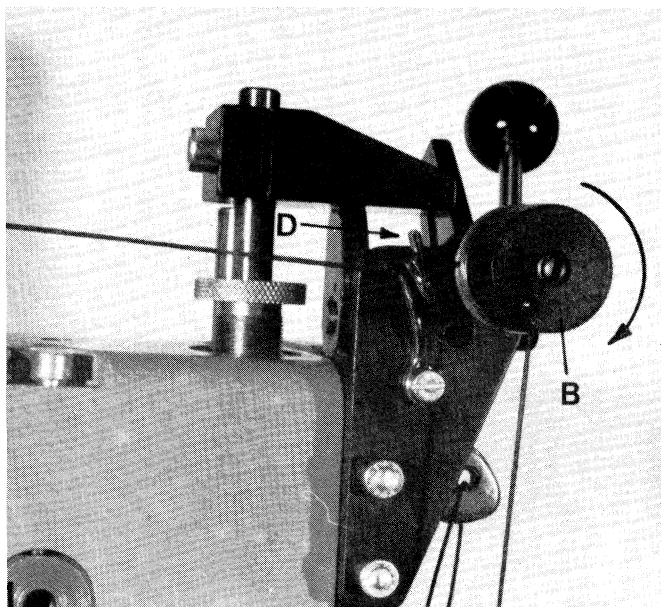
System: 328 Lr, No. 280

Line up the needle with the short groove towards the hook, without turning push in as far as it will go and tighten the screw.

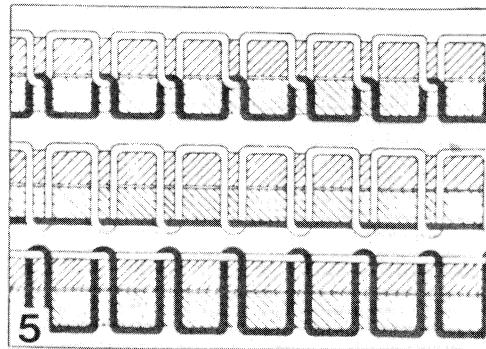
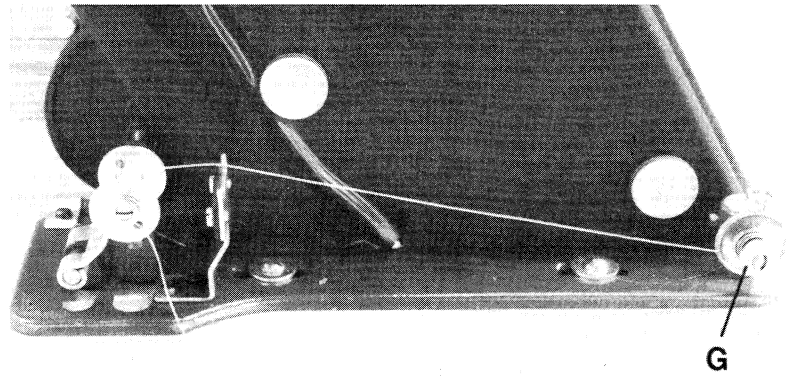
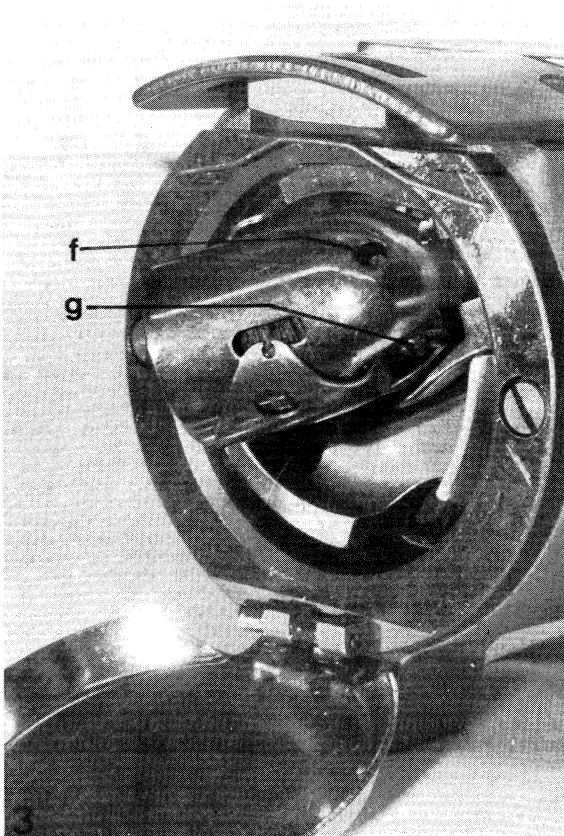
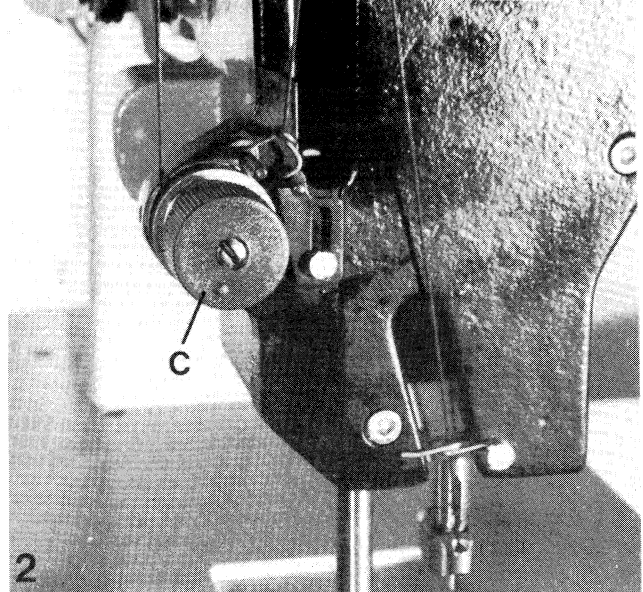
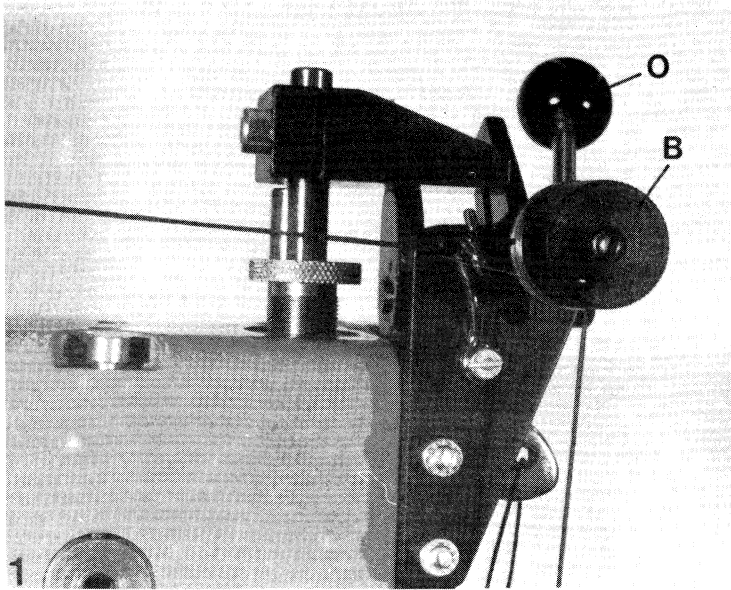
## Threading the needle thread

Thread the needle thread

- through the thread reel holder
- from the right through the thread guide D/1
- clockwise between the washers of the needle thread main tension B/1
- anti-clockwise 1 1/2 times around the needle thread pretension C/2
- over the thread E/2
- under the thread take-up spring R/2
- from behind through the thread lever
- under the thread guide S/2
- through the thread guide d/2
- to the hook through the needle and pull thread through by about 8 cm.









## Setting the bobbin thread tension

### Rule:

Where possible work with a low bobbin thread tension.

### Setting note:

to correct the bobbin thread tension undo screw f/3 and turn screw 9.

## Regulating the thread tensions

### Requirement 1:

A good sewing pattern with uniform thread take-up can often be achieved simply by readjusting the needle thread tension elements, primarily the needle thread main tension B/1.

### Setting note 1:

When adapting the needle thread tension first undo the needle thread pretension C/2 and regulate just by means of the needle thread main tension B/1, until the loop from the needle and bobbin thread is drawn in the sewing fabric, Figure 5.

The needle thread pretension C/2 is regulated last of all, since it must always be set lower than the needle thread main tension B/1.

### Requirement 2:

When generally setting the thread tension elements the bobbin thread tension g/3 is first set as low as possible, then the needle thread tension is adjusted to suit this.

### Setting note 2:

In the case of a lockstitch seam the low bobbin thread tension can be influenced by the adjustable bobbin winder pretension system G/4 when the bobbin is wound with thread. The bobbin winder pretension system G should be set so that the thread is wound evenly on the bobbin with the minimum of pressure.

## Raising the presser foot and thread tension system

- by peddling backwards,
- manually with lever 0/1.

The presser foot can be locked in the raised position by flicking over lever 0/1.





## Winding the bobbin thread

To wind thread the bobbin thread

- through the thread reel holder,
- from above through the thread guide U/3,
- clockwise through the washers of the adjustable bobbin winder pretension system G/3,
- over the thread guide E/3,
- from inside through the hole in the coil of the inserted bobbin and pull thread through by about 3 cm,
- press bobbin winder stopping lever H/3 and hold the loose end of thread firmly during the first few wind. The bobbin winder switches off automatically when the bobbin is full.

## Changing the bobbin

To change the bobbin

- drive the thread lever into the raised position,
- press up spring a/1 and drop cover,
- lift spring c/2, swing out bobbin case and remove bobbin
- insert other bobbin in such a way that it turns in the same direction as the shuttle when taking up the loop, Figure 2
- pull bobbin thread through slit beneath spring d/1 and pull thread through approx. a further 8 cm.

