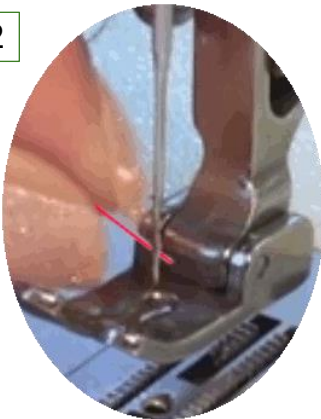




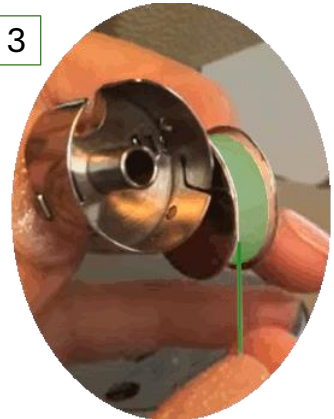
2



Thread goes from LEFT to RIGHT through needle eye.

Needle fitted into clamp with long groove to the left

3



Thread takes off from TOP of lower bobbin before placing it into the bobbin holder

Prosew C111-3 Industrial Sewing Machine

4

To find out more link to



<https://www.youtube.com>

... and search

“Properly thread an Industrial Sewing Machine” and “Denise Wild”



Description

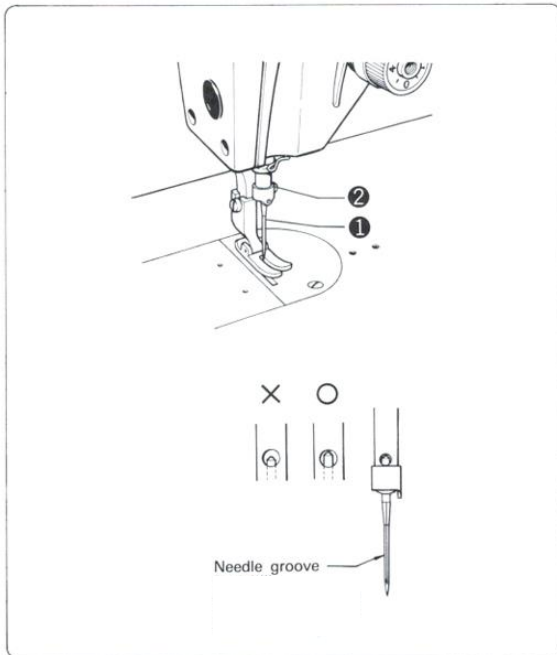
SEWING HOW-TO: Thread An Industrial Sewing Machine

Threading an industrial sewing machine is done differently than threading your regular sewing machine at home. Here's how to properly thread an industrial machine, how to properly load an industrial bobbin with thread, and how to properly put the bobbin into the industrial sewing machine.

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1. Needle attachment and upper threading

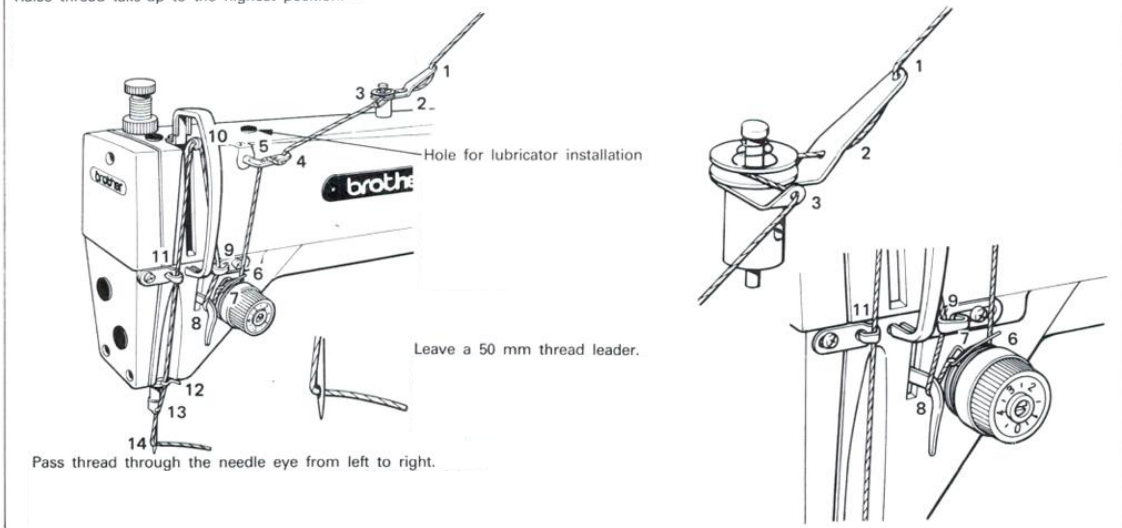


Attachment of the needle

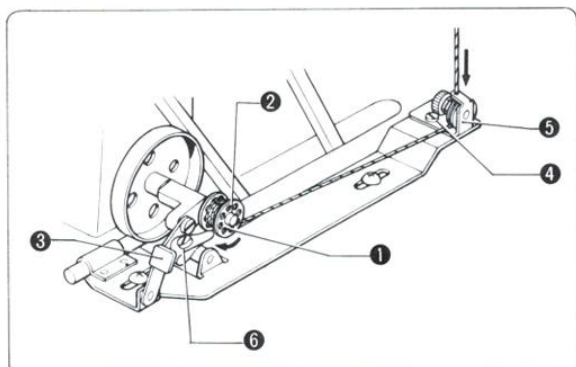
- ★ Insert the needle ① completely, making sure that the long groove of the needle is on the left, and tighten it with the needle clamping screw ②.
- * Use a DB × 1 machine needle.

Upper threading

Raise thread take-up to the highest position.

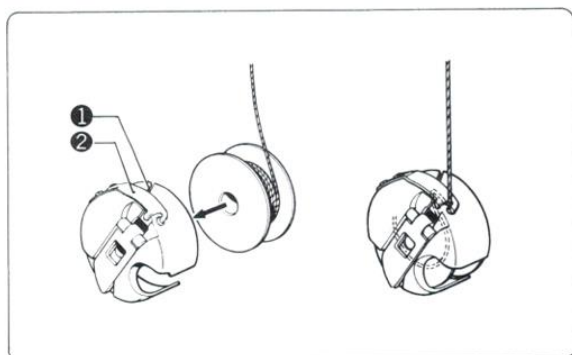


2. Winding and installing the bobbin



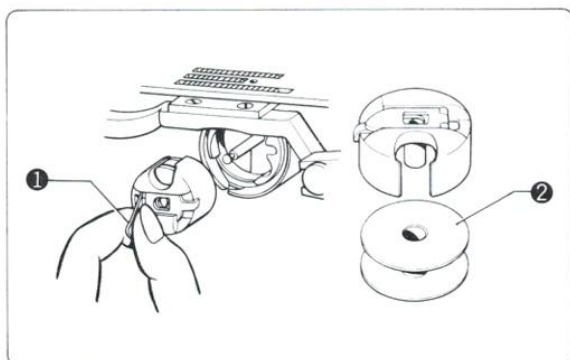
Lower threading

1. Push the bobbin ① onto the bobbin winder spindle ②.
 2. Push the bobbin winder pushbutton ③ completely.
 3. Turn the thread around the bobbin a few turns in the direction of the arrow, and then operate the machine.
 4. If the thread cannot be wound evenly, loosen the screw ④ and move the bobbin winder guide ⑤ to the right or left as necessary.
- * To wind additional thread onto the bobbin, tighten the screw ⑥.



Threading the bobbin case

1. Insert the bobbin into the bobbin case.
2. Pass the thread through the slot ① and under the lower thread adjustment spring ②.
3. Pull the thread through the delivery eye at one end of the lower thread adjustment spring ②.



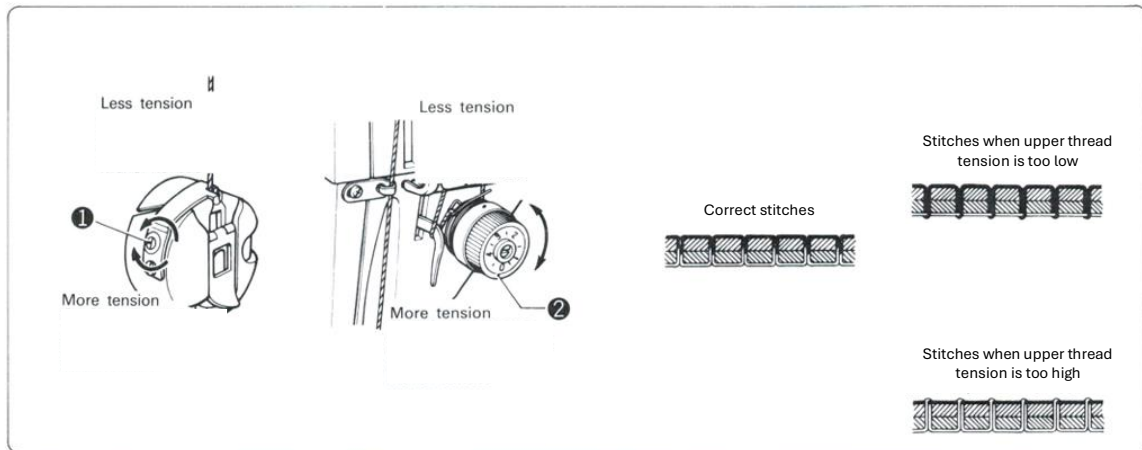
Attaching the bobbin case

1. Pull the latch ① of the bobbin case outward / upward. The full bobbin will then stay locked in the bobbin holder.
2. With the curved cutout of the bobbin holder at the top, slide the holder and bobbin onto the central pin of the rotary hook.

Removing the bobbin case

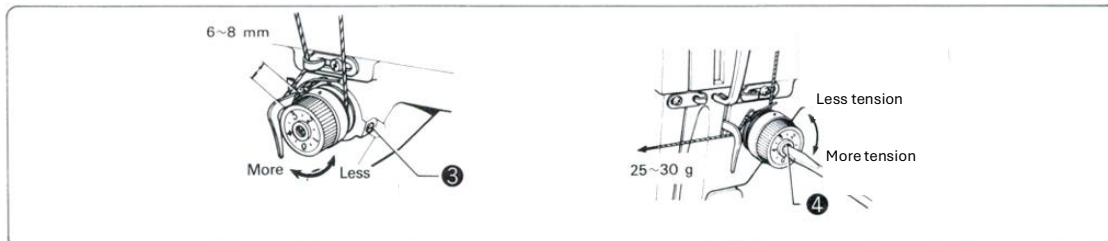
1. Pull the latch ① of the bobbin case outward / upward. Then remove the bobbin case from the rotary hook.
2. The bobbin ② will come out when the latch is released.

3. Upper and lower thread tension. Presser foot tension.



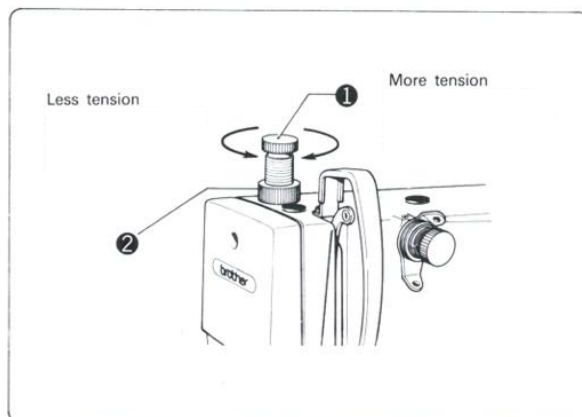
Thread tension

- ★ Adjust the lower thread tension by using the lower thread tension adjustment screw ① so that the bobbin case will slip down of its own weight when it is suspended from the lower thread with the end of the thread held by hand.
- ★ Lower the presser foot and adjust the upper thread tension by using the upper thread tension adjustment screw ②.



Thread take-up spring

- ★ The standard operation range of the thread take-up spring is about 6~8 mm. The standard tension at this time is about 25~30 g.
- ★ To adjust the operation range of the thread take-up spring, loosen the screw ③, and turn the upper thread-tension assembly.
- ★ To adjust the tension of the thread take-up spring, fit a screwdriver into the slot and turn the tension stud ④ as appropriate.

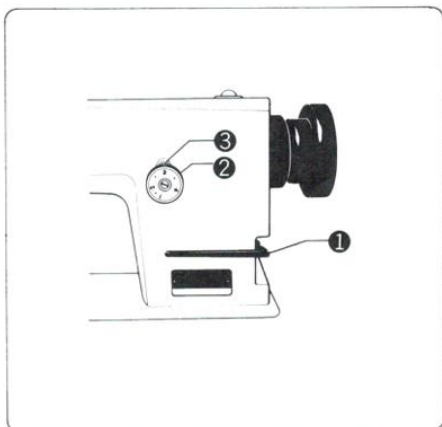


Adjustment of pressure on the material

The pressure on the material during sewing must be as weak as possible, but strong enough so that the material does not slip ①.

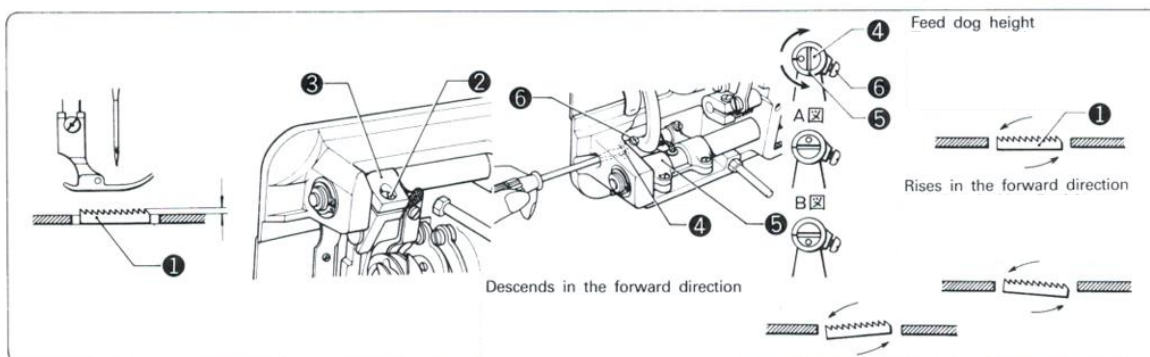
- * Loosen the adjustment nut ② before adjusting.

4. Stitch length adjustment. Feed dog height. Presser foot height



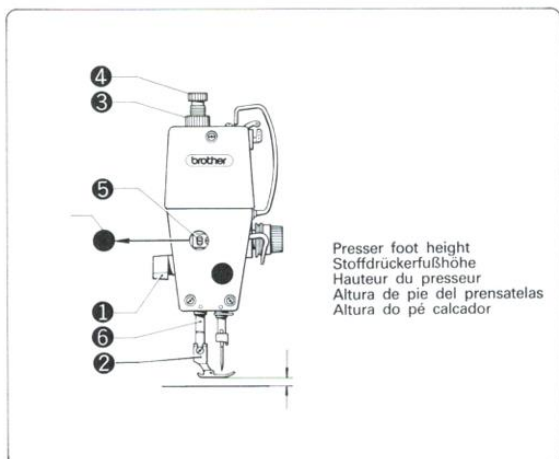
Adjustment of stitch length

- ★ Push the reverse feed lever **1** halfway down, turn the dial **2** until the desired number is aligned with the pin **3** at the top, and release the reverse feed lever **1**.
- ★ The larger the number, the longer the stitch will be.
- ★ The reverse sewing device is the automatic-resetting type. The work will be fed backward when the reverse feed lever **1** is depressed, and forward again when it is released.



Feed dog height

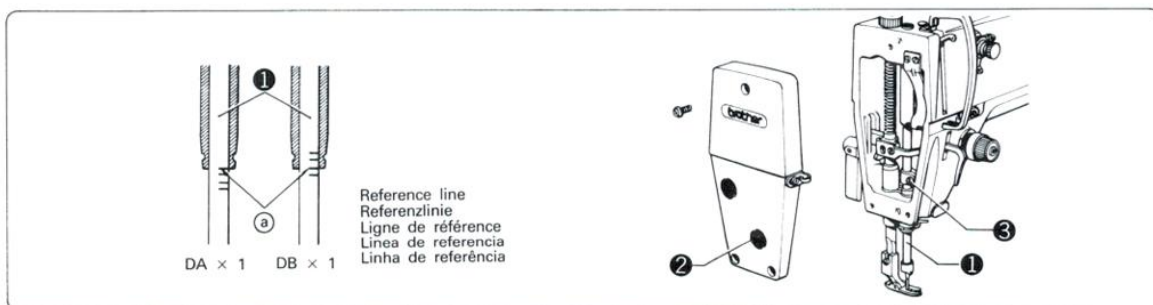
1. The standard height of the feed dog for sewing thin materials is 0.8 mm, for medium materials 1.0 mm, and for thick materials 1.2 mm (when the stitch length is set to the maximum).
2. Adjust the feed dog height by loosening the screw **2** when the feed dog **1** is above the needle plate surface, and move the feed lifting arm **3** up and down.



Presser foot height

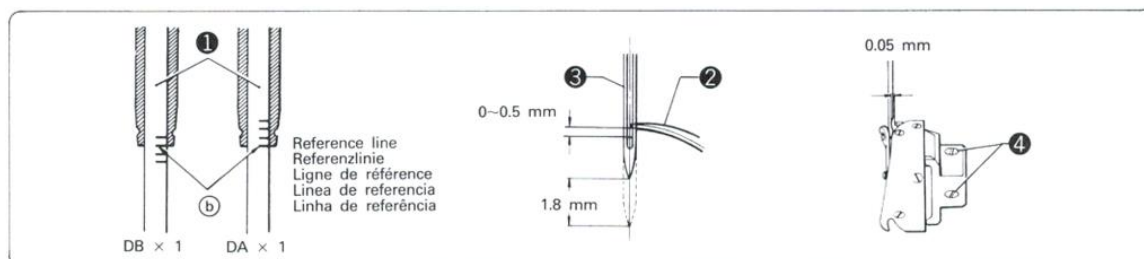
- ★ The standard height of the presser foot **2** is 6 mm when the presser foot is raised with the presser bar lifter lever **1**.
- ★ Loosen the nut **3** of the adjustment screw and then the presser foot adjustment screw **4** so that no pressure will be applied to the presser foot. Loosen the set screw **5**, and adjust the presser foot height by raising or lowering the presser bar **6**.

5. Needle bar height. Rotary Hook position (Timing). Arm shaft and hook lubrication



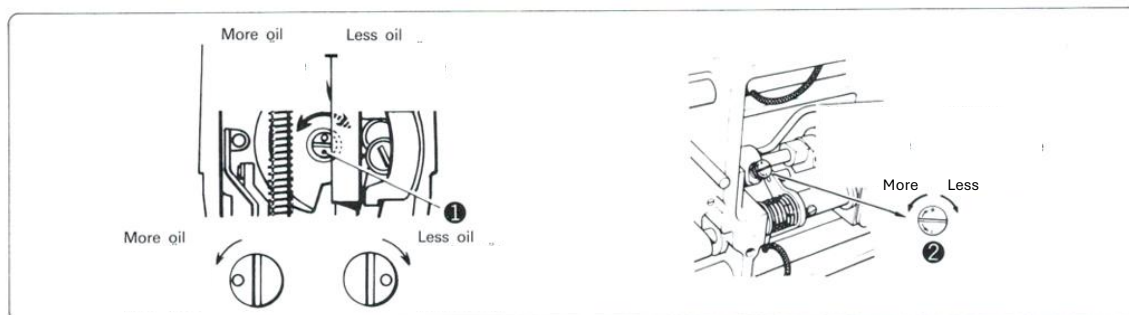
Needle Bar Height

1. When the needle bar ① is at its lowest position, reference line ① on the needle bar must be as shown in the figure above.
2. If the reference line on the needle bar ① is not as shown above, remove the face plate ②, loosen the needle bar connecting stud clamping screw ③, and adjust by raising or lowering the needle bar ①.



Rotary Hook Position

1. When the needle bar ① rises from its lowest position until reference line ① is at the bottom of the needle bar bushing, the rotary hook point ② must be at the center of the needle ③.
 2. If the rotary hook is out of position, loosen the rotary hook screws ④, and align the rotary hook point ② with the center of the needle ③.
- ★ Adjust the clearance between the rotary hook point ② and the needle ③ to about 0.05 mm.



Armshaft and hook lubrication

- ★ Remove the face plate and turn the arm shaft oil control screw ① to adjust the flow of lubrication oil. Tilt the machine head and turn the rotary hook oil control screw ② to adjust the oil flow to the rotary hook.