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› [Cutex](#) /

› Cutex 10 Aluminum Bobbin #91-118308-05 Instruction Manual for Pfaff Sewing Machines

Cutex 91-118308-05

Cutex 10 Aluminum Bobbin #91-118308-05 Instruction Manual

For Pfaff 145, 146, 442 Industrial Sewing Machines

1. PRODUCT OVERVIEW

This manual provides essential information for the proper use and care of your Cutex 10 Aluminum Bobbin set, model #91-118308-05. These bobbins are specifically designed to enhance the performance of compatible Pfaff industrial sewing machines by offering reduced thread drag and consistent tension.



Image: A set of ten shiny aluminum bobbins, neatly stacked or arranged, showcasing their metallic finish and uniform size. These bobbins are designed for industrial sewing machine use.

2. COMPATIBILITY

These Cutex aluminum bobbins (part #91-118308-05) are compatible with the following Pfaff industrial sewing machine models:

- Pfaff 145
- Pfaff 146
- Pfaff 442

Always verify your sewing machine's manual for specific bobbin requirements before use.

3. SETUP: BOBBIN INSTALLATION

Follow these general steps to install a bobbin into your compatible Pfaff industrial sewing machine. Refer to your specific machine's manual for detailed instructions and diagrams.

1. **Wind the Bobbin:** Place an empty Cutex aluminum bobbin onto the bobbin winder spindle of your sewing machine. Thread the machine according to its bobbin winding instructions, ensuring the thread winds evenly and smoothly onto the bobbin. Do not overfill the bobbin.
2. **Remove the Bobbin Case:** Open the bobbin compartment of your sewing machine. Carefully remove the existing bobbin case, if present.
3. **Insert the Bobbin into the Case:** Place the newly wound Cutex aluminum bobbin into the bobbin case. Ensure the thread unwinds in the correct direction (usually clockwise or counter-clockwise, as indicated by your machine's manual or the bobbin case itself).
4. **Thread the Bobbin Case:** Guide the bobbin thread through the tension spring slot on the bobbin case. Pull the thread gently to ensure it moves freely and has appropriate tension.
5. **Reinsert the Bobbin Case:** Carefully reinsert the bobbin case, with the bobbin inside, back into the bobbin compartment of your sewing machine. Ensure it clicks securely into place.
6. **Draw Up the Bobbin Thread:** Close the bobbin compartment cover. Hold the upper thread, turn the handwheel towards you to lower and raise the needle, catching the bobbin thread. Pull both threads to the back of the machine before starting to sew.

4. OPERATING: USING YOUR BOBBINS

Once installed, your Cutex aluminum bobbins are ready for use. These bobbins are designed to provide consistent thread delivery due to their smooth aluminum surface and precise dimensions. This can contribute to more even stitches and reduced thread breakage.

- **Thread Matching:** Always use the same type and weight of thread in both the bobbin and the needle for best results, unless a specific technique requires otherwise.
- **Tension Adjustment:** While aluminum bobbins offer less resistance, fine-tuning your machine's bobbin tension may still be necessary for different fabrics and threads. Refer to your machine's manual for bobbin tension adjustment procedures.
- **Regular Checks:** Periodically check the bobbin thread level to avoid running out mid-seam.

5. MAINTENANCE: CARE AND STORAGE

Proper care of your Cutex aluminum bobbins will ensure their longevity and continued performance.

- **Cleaning:** Occasionally wipe bobbins with a soft, dry cloth to remove any lint or thread residue. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store bobbins in a dedicated bobbin case or organizer to prevent them from unraveling, tangling, or getting scratched. Keep them in a dry environment to prevent oxidation.

- **Inspection:** Before winding, inspect bobbins for any nicks, burrs, or deformities that could snag thread or affect tension. Discard any damaged bobbins.

6. TROUBLESHOOTING: COMMON BOBBIN ISSUES

If you encounter issues related to your bobbin, consider the following common problems and solutions:

- **Uneven Bobbin Winding:**
Cause: Thread not guided properly during winding, or bobbin winder tension is incorrect.
Solution: Reread your machine's manual for bobbin winding instructions. Ensure thread is guided smoothly and evenly across the bobbin.
- **Skipped Stitches or Thread Breakage:**
Cause: Incorrect bobbin tension, damaged bobbin, or improper bobbin installation.
Solution: Check bobbin tension (adjust if necessary), inspect the bobbin for damage, and ensure it is correctly seated in the bobbin case.
- **Loopy or Uneven Stitches on Underside:**
Cause: Upper thread tension is too tight, or bobbin thread tension is too loose.
Solution: Adjust upper thread tension first. If the problem persists, check and adjust bobbin tension.
- **Bobbin Thread Jams:**
Cause: Lint buildup in the bobbin area, incorrect bobbin size, or damaged bobbin case.
Solution: Clean the bobbin compartment thoroughly. Ensure you are using the correct bobbin size (22mm diameter x 10.3mm tall). Inspect the bobbin case for damage.

7. SPECIFICATIONS

Feature	Detail
Product Name	Cutex Aluminum Bobbin
Part Number	91-118308-05
Material	Aluminum
Quantity	Set of 10
Diameter	22 mm
Height	10.3 mm
Compatibility	Pfaff 145, 146, 442 Industrial Sewing Machines

8. WARRANTY INFORMATION

Cutex products are manufactured to high-quality standards. For specific warranty details regarding your aluminum bobbins, please refer to the packaging or contact Cutex customer support directly. Generally, manufacturing defects are covered for a reasonable period from the date of purchase.

9. CUSTOMER SUPPORT

If you have any questions, require assistance, or need further information regarding your Cutex aluminum bobbins, please contact Cutex Sewing Supplies customer support. You can often find contact details on the product packaging or by visiting the official

Cutex website or their Amazon store page:

Visit the [Cutex Store on Amazon](#)

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question