

NGOSEW 846652504 (Elna 830, 860, 900, 920 eXpressive)

NGOSEW High Tension Bobbin Case User Manual

Model: 846652504

For Elna 830, 860, 900, 920 eXpressive Sewing Machines

1. INTRODUCTION

This manual provides instructions for the proper use and maintenance of your NGOSEW High Tension Bobbin Case, part number 846652504. This bobbin case is designed to enhance the performance of specific Elna eXpressive sewing machine models by providing increased bobbin thread tension.

Please read this manual thoroughly before installation and operation to ensure optimal results and longevity of the product.

2. COMPATIBILITY

The NGOSEW High Tension Bobbin Case (Part # 846652504) is compatible with the following Elna eXpressive sewing machine models:

- Elna 830 eXpressive
- Elna 860 eXpressive
- Elna 900 eXpressive
- Elna 920 eXpressive

Verify your sewing machine model number before installing this bobbin case.

3. PRODUCT OVERVIEW



Figure 1: The NGOSEW High Tension Bobbin Case. This image displays the black bobbin case with its internal metal components, including the tension spring and latch mechanism, designed for precise thread control.

This bobbin case is engineered to provide approximately twice the tension of a standard bobbin case, often indicated by a red mark on standard cases. This increased tension is beneficial for specific sewing and embroidery applications.

4. SETUP AND INSTALLATION

Before installing the bobbin case, ensure your sewing machine is turned off and unplugged for safety.

1. Open the bobbin compartment cover on your Elna eXpressive sewing machine.
2. Carefully remove the existing bobbin case, if present.
3. Insert the NGOSEW High Tension Bobbin Case into the designated slot, ensuring it clicks securely into place.
4. Place a properly wound bobbin into the new bobbin case.
5. Thread the bobbin as per your sewing machine's specific instructions for the bobbin case.
6. Close the bobbin compartment cover.

5. OPERATING INSTRUCTIONS

The high tension characteristic of this bobbin case is specifically designed for situations where the bobbin thread is finer than the needle thread. This helps prevent the finer bobbin thread from being pulled to the top of your work, ensuring a balanced stitch.

- **Recommended Use:** Use this high tension bobbin case when the bobbin thread is finer than the needle thread. This is particularly useful during normal embroidery operations, especially if you are not using pre-wound bobbins specifically designed for your machine (e.g., Janome blister-packed pre-wound bobbins).

- **Alternative Use (Standard Bobbin Case):** For applications such as sewing lace designs or quilting in the hoop, it is generally recommended to use a standard (red marked) bobbin case. These applications often benefit from a more relaxed bobbin tension.

Always perform a test stitch on scrap fabric to verify thread tension before beginning your project.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your bobbin case.

- **Cleaning:** Regularly remove lint and thread debris from the bobbin case and surrounding area using a small brush or lint remover. Accumulation of debris can affect tension and stitch quality.
- **Inspection:** Periodically inspect the bobbin case for any signs of wear, damage, or burrs that could snag thread. Replace if damage is observed.
- **Storage:** When not in use, store the bobbin case in a clean, dry place, away from direct sunlight or extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your bobbin case, consider the following:

- **Skipped Stitches or Uneven Tension:** Ensure the bobbin is wound evenly and inserted correctly. Check for any lint or thread caught in the tension spring. Verify that the correct bobbin case (high tension vs. standard) is being used for your specific thread combination and project type.
- **Thread Breakage:** Inspect the bobbin case for any sharp edges or burrs that might be fraying the thread. Ensure the thread is not too old or of poor quality.
- **Noise:** A rattling or unusual noise from the bobbin area might indicate improper installation or a loose component. Re-seat the bobbin case firmly.

If problems persist, consult your sewing machine's main instruction manual or contact a qualified service technician.

8. SPECIFICATIONS

- **Part Number:** 846652504 (846-652-504)
- **Manufacturer:** NGOSEW
- **Type:** High Tension Bobbin Case
- **Batteries Required:** No

9. SUPPORT

For further assistance or inquiries regarding NGOSEW products, please visit the official NGOSEW store:

[NGOSEW Store on Amazon](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

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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