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## CKPSMS KF220530

# CKPSMS L Size Aluminum Bobbins Instruction Manual

Model: KF220530

## 1. INTRODUCTION

This manual provides comprehensive instructions for the proper use, maintenance, and care of your CKPSMS L Size Standard Aluminum Bobbins. These bobbins are designed for compatibility with specific industrial embroidery machines, ensuring smooth and efficient operation.



Figure 1: A set of CKPSMS L Size Standard Aluminum Bobbins.

## 2. COMPATIBILITY

These L Size Standard Aluminum Bobbins (Part Number: KF220530) are compatible with and serve as replacements for various BARUDAN brand Embroidery machine models. It is crucial to verify the bobbin size requirements of your specific machine before use to ensure proper fit and function.

### Compatible BARUDAN Embroidery Machine Models:

- BEAM
- BEAT
- BEH
- BEJ
- BEJM-UF
- BEL
- BELL
- BEM
- BEMR
- BEMS
- BEMX
- BESR
- BEU
- BEUF
- BEX

*Note:* The alternative part numbers for these bobbins include B-0171, BA, KF220410, and KF220411.

## 3. PRODUCT SPECIFICATIONS

The CKPSMS L Size Standard Aluminum Bobbins are manufactured to precise dimensions to ensure optimal performance in compatible machines.

Feature	Detail
Product Dimensions	2.83 x 2.01 x 0.98 inches (approximate package size)
Item Weight	2.08 ounces (for the set)
Material	Aluminum
Bobbin Size	L Size Standard
Part Number	KF220530

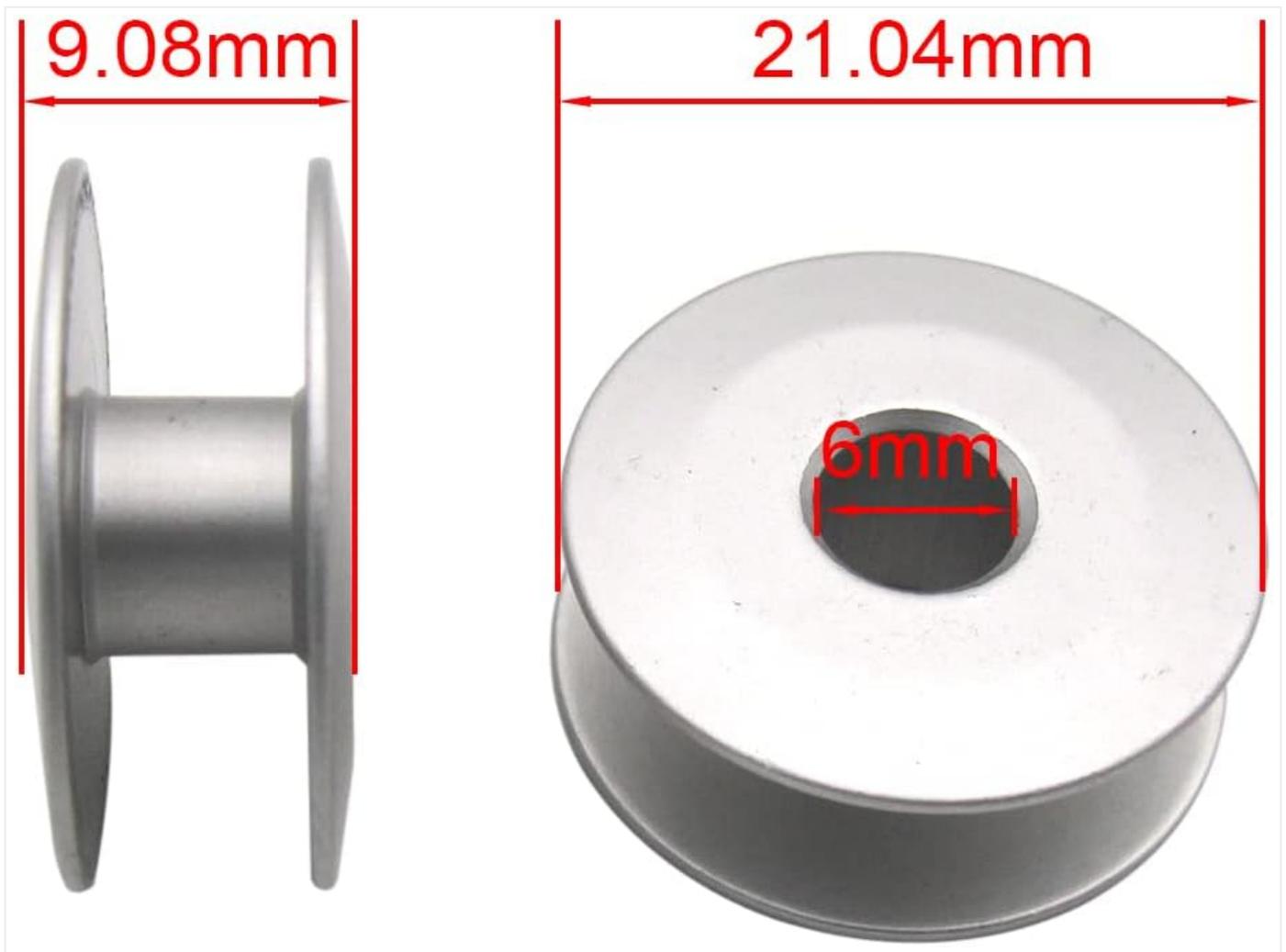


Figure 2: Detailed dimensions of a single L Size bobbin.

## 4. SETUP AND PREPARATION

Before using the bobbins, ensure they are properly wound with the desired thread. Refer to your embroidery machine's specific manual for detailed instructions on winding bobbins, as procedures may vary between models.

1. **Inspect Bobbins:** Before winding, visually inspect each bobbin for any deformities or burrs that could snag thread or interfere with machine operation.
2. **Winding Thread:** Place the bobbin onto the bobbin winder spindle of your embroidery machine. Follow your machine's instructions for routing the thread from the spool to the bobbin winder.
3. **Even Winding:** Ensure the thread is wound evenly and smoothly onto the bobbin. Unevenly wound bobbins can lead to tension issues and poor stitch quality.
4. **Fill Level:** Do not overfill the bobbin. Overfilling can cause the bobbin to jam in the bobbin case or create excessive tension.

## 5. OPERATING INSTRUCTIONS

Once the bobbin is wound, it is ready to be inserted into your embroidery machine's bobbin case. Always consult your machine's manual for the exact procedure, as bobbin insertion methods can differ.

1. **Power Off:** Always turn off and unplug your embroidery machine before accessing the bobbin area to prevent accidental operation and injury.
2. **Access Bobbin Case:** Open the bobbin compartment of your machine. This is typically located under the needle plate or in a side access panel.

3. **Insert Bobbin:** Place the wound bobbin into the bobbin case, ensuring the thread unwinds in the correct direction as specified by your machine's manual. There is often a small slot or tension spring the thread must pass through.
4. **Secure Bobbin Case:** Reinsert the bobbin case into its designated position within the machine. Ensure it clicks securely into place.
5. **Close Compartment:** Close the bobbin compartment cover.
6. **Test Stitch:** After insertion, perform a test stitch on scrap fabric to verify proper thread tension and bobbin function before beginning your project.

## 6. MAINTENANCE AND CARE

Proper care of your aluminum bobbins will extend their lifespan and ensure consistent performance.

- **Cleaning:** Periodically clean bobbins to remove any lint, dust, or thread residue. A soft brush or compressed air can be used. Avoid using harsh chemicals or abrasive materials that could damage the aluminum surface.
- **Storage:** Store bobbins in a clean, dry environment, preferably in a bobbin box or organizer to prevent tangling and protect them from dust and damage.
- **Inspection:** Regularly inspect bobbins for any signs of wear, bending, or damage. Damaged bobbins can cause thread breakage, tension problems, or even damage your machine. Replace any compromised bobbins immediately.
- **Avoid Dropping:** Aluminum bobbins can deform if dropped on hard surfaces, which will affect their balance and performance. Handle with care.

## 7. TROUBLESHOOTING COMMON ISSUES

While these bobbins are designed for reliability, issues can sometimes arise. Here are some common problems and their potential solutions:

- **Thread Unwinding or Nesting:**
  - Ensure the bobbin is inserted correctly into the bobbin case, with the thread unwinding in the proper direction.
  - Check that the thread is correctly routed through the bobbin case tension spring.
  - Verify that the bobbin is not overfilled.
  - Confirm the bobbin is the correct size and type for your machine's bobbin case. Slight variations can cause issues.
- **Skipped Stitches or Uneven Tension:**
  - Re-wind the bobbin, ensuring the thread is wound evenly and smoothly.
  - Clean the bobbin case and surrounding area of any lint or debris that might be affecting tension.
  - Check the upper thread tension settings on your machine.
- **Bobbin Jamming:**
  - Ensure the bobbin is not overfilled.
  - Inspect the bobbin for any damage or deformation.
  - Clean the bobbin case and the bobbin area of the machine thoroughly.
  - Confirm the bobbin is the correct size and type for your machine.

If problems persist, consult your embroidery machine's specific troubleshooting guide or contact a qualified service technician.

## 8. GENERAL SAFETY GUIDELINES FOR SEWING ACCESSORIES

While bobbins themselves pose minimal risk, it is important to adhere to general safety practices when working with sewing machines and related accessories. The following guidelines are provided by CKPSMS for various sewing machine parts and accessories:

## Product safety photos and guideline For CKPSMS brand sewing machine parts and accessories



### Needle Plate:

Always use the correct needle plate for your sewing machine model. Do not use a damaged or bent needle plate. When changing the needle plate, make sure the sewing machine is turned off and unplugged.



### Presser Foot:

Always use the correct presser foot for your sewing machine model. Do not use a damaged or bent presser foot. When changing the presser foot, make sure the sewing machine is turned off and unplugged.



Foot pedal, auto bobbin winder and any other products which are required to connect to the power:

- Do not use the product when your hands are wet.
- If the power cord is damaged, stop using the product immediately and replace it with a new one.
- Always disconnect the power supply before repairing the product.
- Do not connect the product to a power source with a voltage that does not match.



### Bobbin Case:

Always use the correct bobbin case for your sewing machine model. Do not use a damaged or bent bobbin case. When changing the bobbin case, make sure the sewing machine is turned off and unplugged.



### Fabric cleaner:

- Do not spray towards the body, face, or hands of a person.
- Keep out of reach of children.
- Do not use upside down.
- Do not connect to a power source with a voltage that does not match the product.
- Do not modify the power cord or auxiliary tools of this product by yourself.



Looper, thread cutter, blades and any other products which are sharp or incisive:

- Take sufficient safety precautions to prevent injury to your fingers.
- Before disassembling or assembling, understand the correct method and make sure to install it in the designated position.
- Keep it in a place where children cannot touch it.
- Store it in a sturdy packaging box and take measures to prevent rust and corrosion.

Figure 3: CKPSMS General Product Safety Photos and Guidelines.

- **Needle Plate:** Always use the correct needle plate for your sewing machine model. Do not use a damaged or bent needle plate. When changing the needle plate, make sure the sewing machine is turned off and unplugged.

- **Bobbin Case:** Always use the correct bobbin case for your sewing machine model. Do not use a damaged or bent bobbin case. When changing the bobbin case, make sure the sewing machine is turned off and unplugged.
- **Presser Foot:** Always use the correct presser foot for your sewing machine model. Do not use a damaged or bent presser foot. When changing the presser foot, make sure the sewing machine is turned off and unplugged.
- **Fabric Cleaner:** Do not spray towards the body, face, or hands of a person. Keep out of reach of children. Do not use upside down. Do not connect to a power source with a voltage that does not match the product. Do not modify the power cord or auxiliary tools of this product by yourself.
- **Foot Pedal, Auto Bobbin Winder and any other products which are required to connect to the power** Do not use the product when your hands are wet. If the power cord is damaged, stop using the product immediately and replace it with a new one. Always disconnect the power supply before repairing the product. Do not connect the product to a power source with a voltage that does not match.
- **Looper, thread cutter, blades and any other products which are sharp or incisive:** Take sufficient safety precautions to prevent injury to your fingers. Before disassembling or assembling, understand the correct method and make sure to install it in the designated position. Keep it in a place where children cannot touch it. Store it in a sturdy packaging box and take measures to prevent rust and corrosion.

## 9. WARRANTY AND SUPPORT

As these are consumable accessory parts, specific warranty information may not be provided directly with the product. For any inquiries regarding product defects or compatibility issues, please refer to the seller's return policy or contact the CKPSMS official store directly through the platform where the purchase was made.

For general support related to your embroidery machine, always consult your machine's manufacturer manual or their authorized service centers.