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ckpsms Organ DBXK5 100PCS

Organ DBXK5 Ball Point Needles Instruction Manual

For Industrial Embroidery Machines

1. Product Overview

The Organ DBXK5 Ball Point Needles are high-quality industrial embroidery machine needles, specifically designed for professional use. This manual provides essential information for the proper installation, usage, and maintenance of these needles to ensure optimal performance and longevity.



Image: A collection of Organ DBXK5 needle boxes, illustrating the packaging of 100 needles.

2. Key Features

- **Quantity:** Each box contains 100 Organ DBXK5 needles.
- **Needle Type:** Ball Point, ideal for embroidery on knit fabrics to prevent fabric damage.
- **Shank Type:** Round shank, specifically designed for industrial embroidery machines.
- **Durability:** Engineered for maximum performance and economy in demanding industrial environments.

3. Compatibility

These Organ DBXK5 needles are compatible with a wide range of industrial embroidery machines. It is crucial to note that their round shank design makes them unsuitable for household embroidery machines, which typically require needles with a flat surface on the shank.

Compatible Machine Brands:

- TAJIMA
- BARUDAN
- MELCO
- HAPPY
- MEISTERGRAM
- ULTRAMATIC
- PFAFF
- BROTHER (Industrial models)
- ZSK
- ZANGS
- SWF
- RENAISSANCE
- MARCO
- GROSS
- And many other industrial embroidery machines.

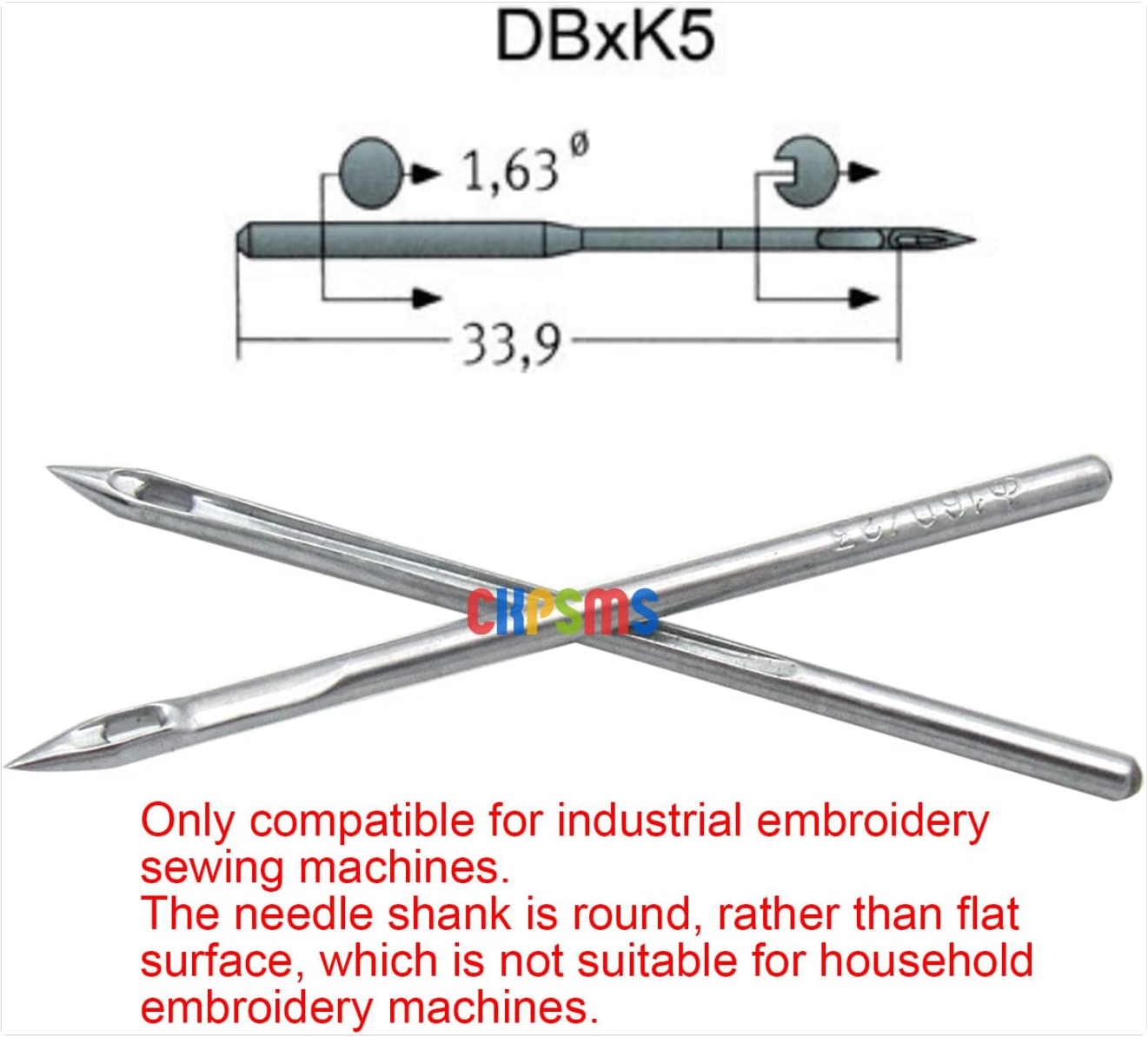


Image: Technical diagram of the DBXK5 needle, highlighting its round shank and industrial machine compatibility.

4. Needle Sizing

Organ DBXK5 needles are available in various sizes to accommodate different fabric types and embroidery requirements. The size indicates both the needle's diameter and its equivalent metric measurement.

Available Sizes:

- Size 60/8
- Size 65/9 (Current Product Size)
- Size 70/10
- Size 75/11
- Size 80/12
- Size 90/14
- Size 100/16
- Size 110/18

Always select the appropriate needle size for your specific embroidery project to ensure clean stitches and prevent needle breakage or fabric damage.

5. Setup and Installation

Proper needle installation is critical for the safe and effective operation of your industrial embroidery machine. Always refer to your machine's specific user manual for detailed instructions on needle replacement.

General Installation Guidelines:

1. **Power Off:** Before attempting any needle change, always turn off and unplug your embroidery machine to prevent accidental activation.
2. **Remove Old Needle:** Loosen the needle clamp screw and carefully remove the old needle. Dispose of used needles safely.
3. **Insert New Needle:** Insert the new Organ DBXK5 needle into the needle bar, ensuring the round shank is fully seated and oriented correctly according to your machine's specifications. The needle's scarf (groove) should typically face the back of the machine.
4. **Tighten Clamp:** Securely tighten the needle clamp screw. Do not overtighten, as this can damage the needle or the machine.
5. **Test:** Once installed, manually turn the machine's handwheel to ensure the needle moves freely and does not strike any parts of the machine.

Ensure you are using the correct needle plate for your sewing machine model. Do not use a damaged or bent needle plate.

6. Operating Guidelines

Organ DBXK5 needles are designed for high-performance industrial embroidery. To achieve the best results:

- **Match Needle to Fabric:** Use the appropriate needle size for the fabric you are embroidering. Ball point needles are particularly effective on knit fabrics as they push fabric fibers aside rather than cutting them, reducing damage and skipped stitches.
- **Thread Compatibility:** Ensure your thread type and weight are compatible with the needle size to prevent thread breakage or shredding.
- **Machine Settings:** Verify that your machine's tension, speed, and other settings are optimized for the specific embroidery design and materials being used.

7. Maintenance and Storage

Proper care and storage of your Organ DBXK5 needles will extend their lifespan and maintain their performance.

- **Regular Replacement:** Needles dull over time. Replace needles regularly, especially after completing large projects or if you notice skipped stitches, thread breakage, or fabric damage.
- **Inspection:** Before each use, inspect needles for any signs of bending, burrs, or dullness. A damaged needle can harm your fabric and machine.
- **Cleaning:** Keep needles clean and free from lint or adhesive residue.
- **Storage:** Store unused needles in their original packaging or a sturdy, sealed container in a dry place to prevent rust and corrosion. Keep them out of reach of children.



Image: Organ DBXK5 needles stored in a CKPSMS branded clear plastic box, demonstrating proper storage.

8. Troubleshooting Common Issues

While Organ DBXK5 needles are designed for durability, issues can arise. Here are some common problems and potential solutions:

Needle Breakage:

- **Incorrect Needle Size:** Ensure the needle size is appropriate for the fabric thickness and density.
- **Improper Installation:** Verify the needle is fully inserted and securely tightened in the needle clamp, with the correct orientation.
- **Dull or Bent Needle:** Replace the needle if it shows any signs of wear or damage.
- **Machine Timing:** If breakage persists, the machine's timing may need adjustment by a qualified technician.
- **Hooping Issues:** Ensure the fabric is properly hooped and taut, without wrinkles or excessive tension.

Skipped Stitches:

- **Dull Needle:** Replace the needle.
- **Incorrect Needle Type:** Ensure you are using a ball point needle for knit fabrics.
- **Thread Tension:** Adjust upper and bobbin thread tension.
- **Machine Timing:** Consult a technician if timing is suspected.

Fabric Damage (Holes, Runs):

- **Sharp Needle on Knit:** Ensure you are using a ball point needle for knit fabrics.
- **Dull or Damaged Needle:** Replace the needle immediately.
- **Incorrect Needle Size:** A needle that is too large for the fabric can cause damage.

9. Specifications

Attribute	Detail
Model Number	Organ DBXK5 100PCS
Needle System	DBXK5
Point Type	Ball Point
Shank Type	Round
Quantity	100 needles per box
Manufacturer	CKPSMS
Item Weight	2.39 ounces (approx.)
Package Dimensions	2.32 x 2.17 x 1.97 inches (approx.)

10. Warranty and Support

As a consumable item, needles typically do not come with a specific warranty. However, CKPSMS is committed to providing high-quality products.

Customer Support:

For any questions regarding the Organ DBXK5 needles or other CKPSMS products, please contact CKPSMS customer support through their official channels or visit their store page on Amazon:
Visit the CKPSMS Amazon Store

High quality, ORGAN needles designed in cooperation with the machine builders assure maximum performance, quality, and economy. Choosing genuine parts ensures compatibility and optimal machine function.

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