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## Cutex 29X3 (DIX3)

# Instruction Manual: Cutex 29K / 29U Sewing Machine Needles

Model: 29X3 (DIX3)

## PRODUCT OVERVIEW

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This manual provides essential information for the proper selection, installation, and care of your Cutex 29K / 29U Sewing Machine Needles. These needles are designed for specific sewing machines and are compatible with needle systems 29X3 (DIX3), 332, DIX1, and SY3741. Understanding the correct needle system and size is crucial for achieving optimal sewing results and preventing damage to your machine or fabric. Each box contains 10 packs, with 10 needles per pack, totaling 100 needles.



Image: A view of ten individual packs of Organ sewing machine needles. Each grey-colored pack clearly displays "ORGAN NEEDLES" at the top, with "DIX3", "332", and "29X3" printed below, indicating the needle system compatibility. The packs are arranged in two vertical stacks of five, showcasing the product packaging.

## SETUP AND NEEDLE SELECTION

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Proper needle selection and installation are critical for successful sewing.

### 1. Understanding Needle Systems

These needles belong to the 29X3 (DIX3) needle system. They are also compatible with cross-referenced systems: 332, DIX1, and SY3741. Always verify your sewing machine's required needle system before installation. Using an incorrect needle system can damage your machine or result in poor stitch quality.

### 2. Selecting the Correct Needle Size

Needle sizes are indicated by numbers (e.g., Size 19).

- **Lower Size Numbers:** Indicate narrower or thinner needles, suitable for lighter materials and finer threads.
- **Higher Size Numbers:** Indicate thicker needles, suitable for heavier materials and thicker threads.

Match the needle size to the type and weight of the fabric you are sewing. For example, a Size 19 needle is generally

used for medium to heavy-weight fabrics.

### 3. Needle Installation

Refer to your sewing machine's instruction manual for specific needle installation procedures. General steps include:

1. Turn off and unplug the sewing machine for safety.
2. Loosen the needle clamp screw.
3. Remove the old needle.
4. Insert the new needle with the flat side of the shank facing the back (or as specified by your machine manual).
5. Push the needle up into the clamp as far as it will go.
6. Tighten the needle clamp screw securely.
7. Plug in and turn on the machine.

## OPERATING GUIDELINES

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While needles do not have "operating" controls, their effective use is integral to the sewing process.

- **Fabric Compatibility:** Always use a needle size appropriate for your fabric. Using too small a needle on heavy fabric can cause needle breakage or skipped stitches. Using too large a needle on delicate fabric can cause holes or runs.
- **Thread Compatibility:** Ensure your thread size is compatible with your needle's eye. Thread that is too thick for the needle eye can fray or break.
- **Regular Inspection:** Before each sewing project, inspect your needle for any signs of bending, burrs, or dullness. A damaged needle can snag fabric, skip stitches, or break.

## MAINTENANCE

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Proper maintenance extends the life of your needles and ensures consistent sewing performance.

- **Storage:** Store unused needles in their original packaging or a dedicated needle case to protect them from damage and rust. Keep them in a dry environment.
- **Replacement Frequency:** Needles should be replaced regularly, typically after 8-10 hours of sewing time, or at the start of a new project. Needles dull over time, even if they don't break.
- **Signs of Wear:** Replace needles immediately if you notice any of the following:
  - Bent or crooked needle
  - Dull or blunted tip
  - Burrs or rough spots on the needle shaft
  - Skipped stitches or uneven tension
  - Fabric snagging or pulling

## TROUBLESHOOTING

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Many common sewing issues can be resolved by checking or replacing the needle.

Problem	Possible Cause (Needle Related)	Solution
Skipped Stitches	Bent, dull, or incorrectly inserted needle; wrong needle size for fabric.	Replace needle; ensure needle is fully inserted and oriented correctly; use appropriate needle size.
Thread Breakage	Burr on needle eye or shaft; wrong needle size for thread; bent needle.	Replace needle; ensure thread is compatible with needle eye; replace bent needle.
Fabric Damage (holes, snags)	Dull or bent needle; needle too large for fabric.	Replace needle; use a smaller needle size for delicate fabrics.
Loud Thumping Noise	Bent needle hitting the needle plate or bobbin case.	Immediately stop sewing and replace the needle.

## SPECIFICATIONS

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Brand	Cutex
Model Number	29X3 (DIX3)
Needle System	29X3 (DIX3)
Cross-Reference Systems	332, DIX1, SY3741
Quantity	100 needles (10 packs of 10 needles each)
Compatible Devices	Domestic Sewing Machine (specifically those requiring 29K / 29U needles)
UPC	747465117576

## WARRANTY AND SUPPORT

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For specific warranty information regarding your Cutex sewing machine needles, please refer to the purchase documentation or contact the seller directly.

If you require further assistance or have questions about the compatibility or use of these needles, please contact Cutex Sewing Supplies or refer to your sewing machine's original instruction manual.

- **Seller:** Cutex Sewing Supplies
- **Product Link:** Amazon Product Page
- **Brand Store:** Cutex Store on Amazon