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SINGER 30042

SINGER 5 Overlock Machine Needles Instruction Manual

INTRODUCTION TO SINGER OVERLOCK NEEDLES

SINGER Overlock Needles are specifically designed for serger sewing machines. These needles are essential for creating professional finishes on fabric edges, including edging, hemming, and seaming. This manual provides guidance on selecting the correct needle size for your fabric type and ensuring proper use with compatible serger machines.

Since 1851, SINGER has been a leader in sewing innovation, developing products for all levels of sewing. SINGER is committed to supporting creativity through the craft of sewing.



Image: The SINGER logo with a brief history of the company's commitment to sewing innovation.

PRODUCT FEATURES

- This set includes 5 overlock machine needles in assorted sizes.
- Designed for use in serge sewing machines to sew over the edge of one or two pieces of cloth for edging, hemming, or seaming.
- Various sizes are provided to accommodate different fabric types.
- Color-coded for easy identification:
 - **Orange Size 80/11:** Suitable for lightweight woven fabrics.
 - **Blue Size 90/14:** Suitable for medium-weight woven fabrics.
 - **Purple Size 100/16:** Suitable for heavyweight woven fabrics.
- Compatible with SINGER, ProFinish, Professional, and other brand serge sewing machines that require 2022 needles.

SETUP: NEEDLE INSTALLATION

Before installing new needles, always ensure your serger machine is turned off and unplugged for safety. Refer to your serger machine's specific instruction manual for detailed needle installation procedures, as steps may vary slightly between models.

1. **Remove Old Needles:** Loosen the needle clamp screw(s) and carefully remove the old needles. Dispose of used needles safely.
2. **Select Correct Needle:** Choose the appropriate SINGER Overlock Needle size (80/11, 90/14, or 100/16) based on your fabric type (refer to the "Needle Selection and Usage" section).
3. **Insert New Needles:** Insert the new needle(s) into the needle clamp(s) with the flat side of the needle shank facing the back of the machine. Push the needle(s) up as far as they will go.
4. **Secure Needles:** Tighten the needle clamp screw(s) firmly to hold the needle(s) securely in place. Do not overtighten.
5. **Test:** After installation, manually turn the handwheel to ensure the needles move freely and do not strike any part of the machine.

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Fits All Brands

Universal Regular Point Overlock Needles

Agujas universales de punta regular para overlock

Aiguilles universelles à pointe normale our surjeteuse

STYLE 2022 **ASSORTED SIZES**

80/11 90/14 100/16



Image: SINGER Overlock Machine Needles, model 30042, in a pack of five, illustrating the different sizes.

OPERATING: NEEDLE SELECTION AND USAGE

Proper needle selection is crucial for achieving optimal stitch quality and preventing needle breakage or fabric damage. Always match your needle size to the fabric weight you are sewing.

- **Orange Size 80/11:** Use for delicate and lightweight woven fabrics such as chiffon, silk, fine cotton, and voile. This size helps prevent skipped stitches and fabric puckering on lighter materials.
- **Blue Size 90/14:** This is a versatile size for medium-weight woven fabrics like broadcloth, linen, poplin, and denim. It provides a good balance for general sewing tasks.
- **Purple Size 100/16:** Ideal for heavyweight woven fabrics including canvas, upholstery fabric, heavy denim, and multiple layers of fabric. The stronger needle reduces the risk of bending or breaking when penetrating dense materials.

Ensure that the needles are compatible with your specific serger model, requiring 2022 type needles.

MAINTENANCE: NEEDLE CARE AND REPLACEMENT

Regular maintenance of your needles ensures smooth sewing and extends the life of your machine and fabric. Needles are consumables and should be replaced frequently.

- **Replace Regularly:** Needles should be replaced after approximately 8-10 hours of sewing time, or at the start of a new project. Dull or bent needles can cause skipped stitches, fabric damage, and machine timing issues.
- **Inspect Needles:** Before each use, visually inspect needles for any signs of bending, burrs, or dullness. Run your fingertip gently over the needle point (away from the sharp tip) to check for roughness.
- **Storage:** Store unused needles in their original packaging or a designated needle case to protect them from damage and keep them organized by size.
- **Disposal:** Always dispose of used needles safely in a sharps container or a thick plastic bottle to prevent injury.

TROUBLESHOOTING COMMON NEEDLE ISSUES

If you encounter problems during serging, the needle is often a primary suspect. Here are some common issues and their potential needle-related causes:

- **Skipped Stitches:**
 - Incorrect needle size for the fabric.
 - Dull, bent, or damaged needle.
 - Needle not inserted correctly or fully.
- **Needle Breakage:**
 - Needle too small for fabric thickness or density.
 - Needle bent or damaged from previous use.
 - Pulling or pushing fabric excessively while sewing.
 - Needle striking the presser foot or throat plate (check installation).
- **Fabric Damage (snags, holes):**
 - Dull or burred needle point.
 - Needle size too large for delicate fabric.

If these steps do not resolve the issue, consult your serger machine's manual or contact SINGER customer support.

SPECIFICATIONS

Attribute	Detail
Brand	SINGER
Model Number	30042
Compatible Devices	Domestic Serger Sewing Machines requiring 2022 needles
Point Type	Regular Point
Unit Count	5 Needles
Needle Sizes Included	80/11 (Orange), 90/14 (Blue), 100/16 (Purple)
Product Dimensions	1.75 x 0.15 x 4 inches
Item Weight	0.16 ounces

Attribute	Detail
UPC	075691300425

WARRANTY AND SUPPORT

SINGER Overlock Machine Needles are manufactured to high-quality standards. For any questions regarding product compatibility, usage, or potential defects, please contact SINGER customer support directly. Specific warranty details for consumable items like needles may vary; please refer to SINGER's official website or contact their support for the most current information.

For further assistance, visit the official SINGER website or consult your serger machine's user manual.