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ckpsms ORGAN-DCX27

ckpsms Organ DCX27 Overlock Serger Sewing Machine Needles Instruction Manual

Model: ORGAN-DCX27 (Size 14/90)

Introduction

This manual provides essential information for the proper use and maintenance of your ckpsms Organ DCX27 Overlock Serger Sewing Machine Needles. These needles are designed for industrial overlock and serger sewing machines, featuring a ball-point tip suitable for various fabric types. The specific needle size covered in this manual is DCX27 14/90.



Image: Organ DCX27 Overlock Serger Sewing Machine Needles.

Organ DCX27 needles are also known by various other system numbers, including 1886, 88X1, B27, B-27, DCX1, RIM27, RMX27, MY1023, SY6120, and 3027GS. Always verify compatibility with your specific sewing machine model.

Setup and Installation

1. Selecting the Correct Needle Size

The needle size 14/90 is a versatile choice for medium-weight fabrics. For optimal stitching and to prevent fabric damage or needle breakage, always match the needle size to the fabric weight:

- **Smaller sizes (e.g., 9/65, 10/70, 11/75)**: Suitable for lightweight fabrics like silk, chiffon, or fine knits.
- **Medium sizes (e.g., 12/80, 14/90, 16/100)**: Ideal for medium-weight fabrics such as cotton, linen, polyester, and rayon.
- **Larger sizes (e.g., 18/110, 20/125)**: Recommended for heavier materials like denim, canvas, upholstery fabrics, or faux leather.

2. Needle Installation

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

1. Turn off and unplug your sewing machine for safety.
2. Loosen the needle clamp screw using the appropriate tool.
3. Remove the old needle.
4. Insert the new Organ DCX27 needle with the flat side of the needle shank facing the correct direction (usually towards the back or side, as specified by your machine's manual).
5. Push the needle up as far as it will go into the needle bar.
6. Tighten the needle clamp screw securely.
7. Plug in and turn on your machine.

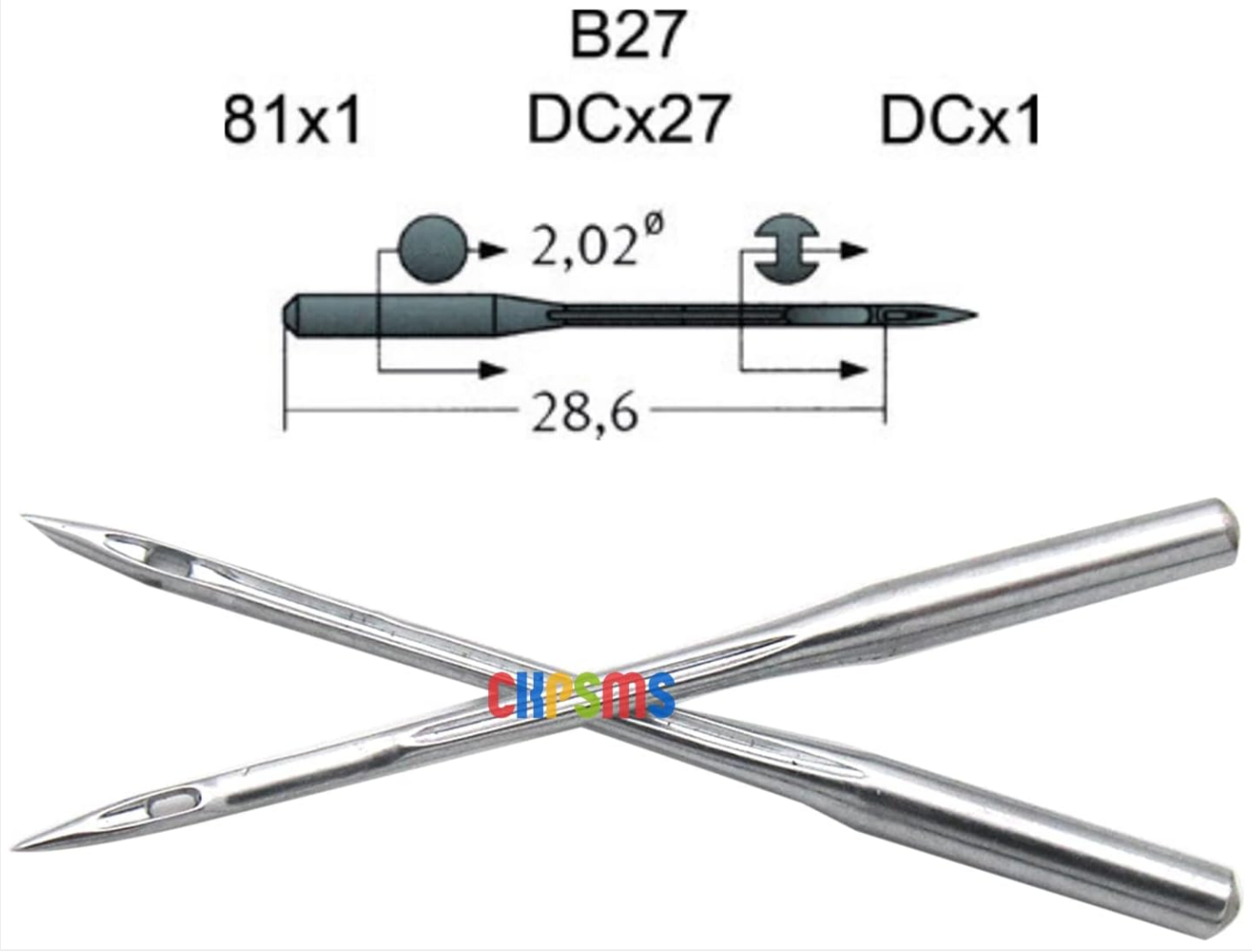


Image: Needle dimensions for B27, DCX27, DCX1 type needles.

Operating Instructions

These Organ DCX27 ball-point needles are designed for overlock and serger machines to create strong, flexible seams, particularly on knit fabrics. The ball-point tip pushes fabric fibers aside rather than piercing them, which helps prevent damage and skipped stitches on delicate or stretchy materials.

- Ensure your machine is correctly threaded according to its manual.
- Perform a test stitch on a scrap piece of your project fabric to check tension and stitch quality.
- Adjust machine settings (tension, differential feed, stitch length) as needed for your specific fabric and desired stitch.

- Guide the fabric smoothly through the machine without forcing it.

Maintenance

Proper needle maintenance ensures consistent stitch quality and extends the life of your needles and machine.

- **Regular Replacement:** Needles dull over time, leading to skipped stitches, fabric snags, or broken threads. Replace needles after approximately 8 hours of sewing or at the start of a new project.
- **Inspection:** Before each use, inspect the needle for bends, burrs, or a dull tip. A damaged needle can harm your fabric and machine.
- **Storage:** Store unused needles in their original packaging or a designated needle case to protect them from damage and prevent loss. Keep them in a dry environment to prevent rust.
- **Disposal:** Dispose of old or broken needles safely to prevent injury.



Image: ckpsms branded clear plastic box for Organ needles, indicating proper storage.

Troubleshooting

If you encounter issues during sewing, consider the following common needle-related problems and solutions:

Problem	Possible Cause	Solution
Skipped Stitches	Dull, bent, or incorrect needle size; improper needle installation.	Replace needle, ensure it's installed correctly and is the appropriate size for the fabric.
Needle Breakage	Incorrect needle size for fabric; bent needle; forcing fabric; improper installation.	Use correct needle size, replace bent needles, avoid pulling fabric, ensure proper installation.

Problem	Possible Cause	Solution
Fabric Snags/Damage	Dull or burred needle; incorrect needle type (e.g., sharp point on knit fabric).	Replace needle, ensure ball-point needle is used for knits and delicate fabrics.
Thread Breakage	Burr on needle eye or shaft; incorrect needle size for thread; improper threading.	Replace needle, use appropriate needle size for thread, re-thread machine carefully.

Specifications

- **Needle System:** DCX27 (also known as 1886, 88X1, B27, B-27, DCX1, RIM27, RMX27, MY1023, SY6120, 3027GS)
- **Needle Size:** 14/90 (Singer Size 14, Metric Size 90)
- **Point Type:** Ball Point
- **Quantity:** 100 needles per box
- **Compatible Devices:** Industrial Overlock and Serger Sewing Machines
- **Compatible Materials:** Acrylic, Cotton, Faux Leather, Leather, Linen, Polyester, Rayon, Silk, Suede, Wool
- **Manufacturer:** CKPSMS
- **Model Number:** ORGAN-DCX27

Compatibility with Machine Brands:

These needles are compatible with a wide range of industrial overlock and serger sewing machines, including but not limited to:

- Babylock (e.g., BL3-318, BL3-407, BL3-408, BL3-416, BL3-418, BL3-426, BL3200, SL600, SL660, SL700, SL800)
- Brother (e.g., B511, B531, B551, B561, B571, B611, B621, B641, B651, B661, B671, B672, B681, B682, B691, B692, B901, B952, B958, B959, B971)
- Feiyue (e.g., FY737, FY747, FY757, FY2000, FY2100)
- Juki (e.g., MO-800 Class, MO-2400 Class, MO-2500 Class, MO-3300 Class, MO-3600 Class, MO-3700 Class, MO-3900 Class, MO-6700 Class)
- Mauser (e.g., DC, DCP, DC-MS)
- Pegasus (e.g., E22-730, E22L-730, E32, E32L, E52, E52L, ETB32, ETB52, ETF32, ETF52, F32, F52, L32, L52)
- Rimoldi (e.g., 27, 28, 29, 227, 228, 229, 230, 327, 329, 527, 627)
- Willcox & Gibbs (e.g., 101-E14, 401-02, 401-04, 401-013, 401-E32, 503-04, 503-E, 503-52, 503-ETB 52, 503-ETF 52, 504-4, 504-E 52, ETB 52, ETF 52, 512, 514, 516, DC, DCP, DCR-942, E32, E52)
- Yamata (e.g., FY737, FY747, FY757, FY2000, FY2100)
- Yamato (e.g., AZ8000 Class, AZ8500 Class, AZ8600 Class, DC, DCY, DCZ-200, DCZ-203, DCZ-204, DCZ-206, DCZ-216, DCZ-220, DCZ-220W, DCZ-221, DCZ-263, DCZ-264, DCZ-270, DCZ-290, DCZ-292, DCZ-293, DCZ-296, DCZ-500, DCZ-503, DCZ-515, DCZ-520, DCZ-521, DCZ-525, DCZ-545, DCZ-553, DCZ-554, DCZ-700, DCZ-703, DCZ-711, DCZ-715, DCZ-724Y, DCZ-725Y, DCZ-726YZ, DCZ-727Y, DCZ-745, DCZ-746, Z-100, Z-361, Z-362, Z-365, Z-366, Z-367, Z-368, Z1000, Z1003, Z1006, Z1016,Z1020, Z1036, Z1037, Z1045, Z1046, Z1056, Z1057, Z-5000, Z-6000, ZF-1020, ZF-1500)

Warranty and Support

ckpsms provides after-sales service for its products. If you have any questions regarding the compatibility, installation, or performance of your Organ DCX27 needles, please contact the manufacturer or your retailer for assistance. Ensure you have your product details and purchase information ready when seeking support.

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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