ckpsms GC868-NP+GC868-FD (8MM Needle Size)

Instruction Manual: CKPSMS Needle Plate & Feed Dog Set

Model: GC868-NP+GC868-FD (8MM Needle Size)

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of the CKPSMS Needle Plate and Feed Dog set, specifically designed for the Durkopp Adler 868 Sewing Machine. This high-quality steel replacement set ensures optimal performance for your sewing tasks.

Please read this manual thoroughly before installation and use to ensure proper function and longevity of the parts.

Product Overview

The CKPSMS Needle Plate and Feed Dog set includes the following components:

- 1 x GC868-NP Needle Plate
- 1 x GC868-FD Feed Dog



Image: The Needle Plate and Feed Dog components shown separately, highlighting their individual designs.

These parts are manufactured from durable steel, designed for precise compatibility with the Durkopp Adler 868 Sewing Machine, specifically for an 8MM needle size with a 3MM needle hole.



Image: Close-up view of the CKPSMS Needle Plate, showing its surface and screw holes.



Image: The Needle Plate and Feed Dog shown together, as they would appear when installed, from a top-down perspective.

Setup and Installation

Before beginning installation, ensure your sewing machine is turned off and unplugged from the power source for safety. It is recommended to consult your Durkopp Adler 868 Sewing Machine's original manual for specific instructions on accessing and replacing these components.

1. **Preparation:** Clear the work area around the needle plate of any fabric, thread, or debris.
2. **Remove Old Components:** Carefully unscrew and remove the existing needle plate and feed dog from your sewing machine. Note the orientation of the old parts for correct installation of the new ones.
3. **Install New Feed Dog:** Position the new GC868-FD Feed Dog into its designated slot on the machine. Ensure it sits flush and aligns with the screw holes.
4. **Install New Needle Plate:** Place the new GC868-NP Needle Plate over the feed dog, aligning its screw holes with those on the machine.
5. **Secure Components:** Insert and tighten the screws to secure both the feed dog and needle plate firmly in place. Do not overtighten.

6. **Verify Compatibility:** Confirm that the installed needle plate is the correct 8MM needle size for your intended use.

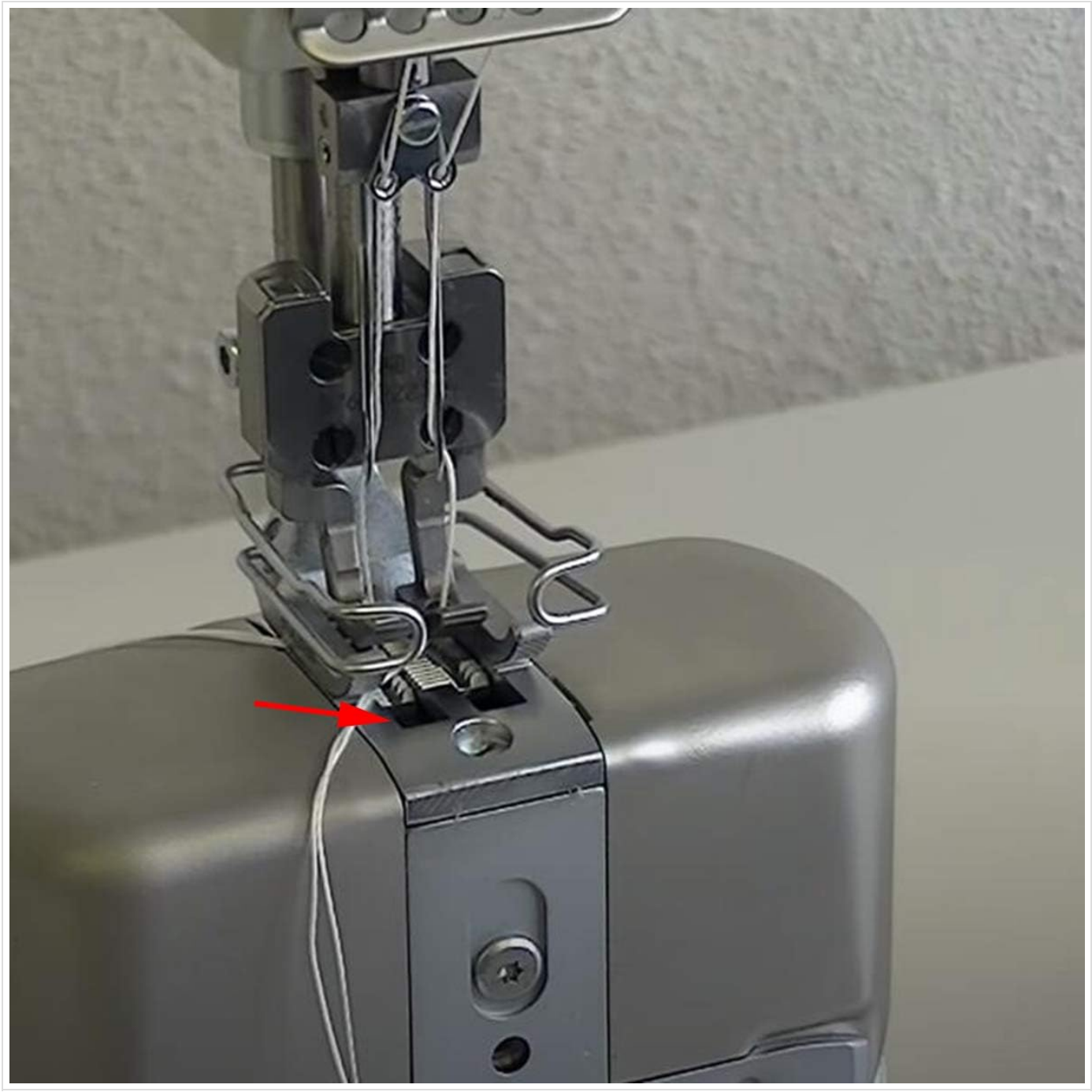


Image: The Needle Plate and Feed Dog installed on a Durkopp Adler 868 sewing machine, with a red arrow indicating the installed components.

Operating Instructions

Once the Needle Plate and Feed Dog are correctly installed, your Durkopp Adler 868 Sewing Machine is ready for operation. These components work in conjunction to move fabric smoothly under the needle and support the fabric during stitching.

- **Fabric Feeding:** The feed dog's teeth will grip the fabric from underneath, moving it forward in precise increments as you sew.
- **Needle Clearance:** The needle plate provides a flat surface for the fabric and has a precisely sized hole (3MM for this model) through which the needle passes.
- **Stitch Quality:** Proper functioning of these parts is crucial for consistent stitch length and even fabric feeding.

Always ensure the correct needle size is used with this 8MM needle plate to prevent damage to the needle or the plate

itself.

Maintenance

Regular maintenance of your needle plate and feed dog will extend their lifespan and ensure optimal sewing performance.

- **Cleaning:** Periodically remove the needle plate and use a small brush or lint remover to clean accumulated lint, dust, and thread bits from around the feed dog and the bobbin area.
- **Inspection:** Regularly inspect the teeth of the feed dog for any damage or wear. Check the needle plate for burrs, scratches, or enlargement of the needle hole, which can affect stitch quality.
- **Lubrication:** Refer to your sewing machine's main manual for specific lubrication points around the feed dog mechanism, if applicable.
- **Storage:** When not in use, store any spare parts in a clean, dry environment, ideally in their original packaging or a protective container.



Image: The Needle Plate and Feed Dog components stored in a clear plastic box, demonstrating proper storage.

Troubleshooting

If you encounter issues after installing the new needle plate and feed dog, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Fabric not feeding smoothly	Lint or debris under feed dog; feed dog not properly installed; worn feed dog teeth.	Clean thoroughly under the needle plate. Reinstall feed dog, ensuring it is flush. Inspect feed dog for wear and replace if necessary.
Skipped stitches or broken needles	Incorrect needle size for the needle plate; bent needle; burrs on needle plate.	Ensure you are using an 8MM needle size. Replace bent needles. Inspect needle plate for damage and replace if burrs are present.
Noisy operation from needle plate area	Loose screws; improper installation; foreign object.	Check and tighten all screws securing the needle plate and feed dog. Reinstall components carefully. Remove any foreign objects.

If problems persist, refer to the technical support section for assistance.

Specifications

Feature	Detail
Part Numbers	GC868-NP (Needle Plate), GC868-FD (Feed Dog)
Material	High-Quality Steel
Compatibility	Durkopp Adler 868 Sewing Machine
Needle Size	8MM
Needle Hole Size	3MM
Quantity	1 Set (1 Needle Plate, 1 Feed Dog)



Image: Technical drawing showing the dimensions of the Needle Plate (e.g., 48mm length, 23.07mm width, 26mm slot length, 6mm slot width).

Technical Support

For any questions regarding compatibility, installation, or issues encountered while using the CKPSMS Needle Plate and Feed Dog set, please contact our technical support team.

- **Contact Method:** Send us a message via Amazon.
- **Response Time:** Our technicians aim to provide professional and accurate advice within 24/7.
- **Information Needed:** To assist you efficiently, please provide your machine brand (Durkopp Adler) and complete model (868) when contacting support.

Your satisfaction is our priority. Do not hesitate to reach out if you require assistance.

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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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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question