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Tormek DE-200

Tormek DE-200 Diamond Wheel Extra Fine Grit 1200 Instruction Manual

Model: DE-200 | Brand: Tormek

INTRODUCTION

The Tormek DE-200 Diamond Wheel is designed to provide an extra fine finish for sharpening various tools, especially carving tools and knives. With a grit of 1200, it ensures a smooth and precise edge. This manual provides essential information for the proper installation, operation, and maintenance of your diamond wheel.

KEY FEATURES

- 1200 grit provides an extra smooth finish when sharpening with a Tormek T-4, T-4 Bushcraft, or T-3 sharpening machine.
- Constant shape, always maintains the same diameter and can use the side of the wheel for a flat grind.
- Sharpens all types of steel and ceramic.
- Long lasting, exceptionally durable, diamond is the world's hardest abrasive.
- Includes 150ml of Tormek ACC-150 Anti-Corrosion Concentrate for rust prevention.



Image: The Tormek DE-200 Diamond Wheel, an extra fine grit sharpening wheel, shown alongside a bottle of Tormek ACC-150 Anti-Corrosion Concentrate.

SETUP AND INSTALLATION

The Tormek DE-200 Diamond Wheel is compatible with Tormek T-4, T-4 Bushcraft, and T-3 machines. Follow your machine's specific instructions for wheel replacement. Ensure the machine is unplugged before installation.

1. **Preparation:** Ensure your Tormek sharpening machine is clean and stable.
2. **Remove Existing Wheel (if applicable):** Carefully remove the existing grinding wheel according to your machine's manual.
3. **Install Diamond Wheel:** Place the DE-200 Diamond Wheel onto the shaft, ensuring it is seated correctly.
4. **Secure Wheel:** Fasten the wheel securely using the provided hardware, making sure it is centered and tight.
5. **Add Water and Concentrate:** Fill the water trough with water and add the Tormek ACC-150 Anti-Corrosion Concentrate as directed (typically 1 part concentrate to 10 parts water). This prevents rust on the wheel and machine parts.



Image: A close-up view of the Tormek DE-200 Diamond Wheel, highlighting its fine grit surface.

OPERATING INSTRUCTIONS

The DE-200 Diamond Wheel is designed for achieving an extra fine finish. It is suitable for all types of steel and ceramic tools.

General Sharpening Process:

1. **Set Up Jig:** Use the appropriate Tormek jig for your tool (e.g., carving tools, knives). Ensure the tool is securely clamped and the angle is set correctly.
2. **Engage Wheel:** Gently bring the tool into contact with the rotating diamond wheel. The 1200 grit is for refining the edge, not for initial shaping or heavy material removal.
3. **Maintain Pressure:** Apply light, consistent pressure. Let the diamond abrasive do the work.
4. **Monitor Edge:** Regularly check the edge for burr formation and desired sharpness.
5. **Honing (Optional):** For an even finer edge, you may proceed to a honing process if desired, though the 1200 grit often provides a sufficient finish.

Video: Tormek Diamond Wheels and MB-100 Multi Base

Your browser does not support the video tag.

Video: This video demonstrates the use of Tormek Diamond Wheels, including the coarse, fine, and extra fine grits, for sharpening various tools. It also shows the MB-100 Multi Base in action.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your Tormek DE-200 Diamond Wheel.

- **Cleanliness:** After each use, clean the diamond wheel and the water trough to prevent accumulation of steel particles and sludge.
- **Anti-Corrosion Concentrate:** Always use Tormek ACC-150 Anti-Corrosion Concentrate in the water to protect the diamond wheel and machine from rust. Replace the water and concentrate regularly.
- **Storage:** Store the diamond wheel in a dry environment when not in use for extended periods.
- **Inspection:** Periodically inspect the wheel for any signs of damage or wear. While diamond wheels maintain their shape, ensure the surface remains effective.



Image: A bottle of Tormek ACC-150 Anti-Corrosion Concentrate, essential for preventing rust on your sharpening system.

TROUBLESHOOTING

If you encounter issues with your Tormek DE-200 Diamond Wheel, consider the following:

- **Poor Finish:** Ensure the tool is properly secured in the jig and the correct sharpening angle is maintained. Verify the wheel surface is clean.
- **Slow Sharpening:** The DE-200 is an extra fine grit wheel for finishing. If significant material removal is needed, use a coarser grit diamond wheel (e.g., DC-200 or DF-200) first.
- **Rust on Wheel:** Ensure Tormek ACC-150 Anti-Corrosion Concentrate is always used in the water trough and that the wheel is cleaned and dried after use.
- **Vibration/Noise:** Check that the wheel is correctly installed and securely fastened. Ensure the machine is on a stable surface.

For further assistance, refer to your Tormek machine's comprehensive manual or contact Tormek customer support.

SPECIFICATIONS

Feature	Detail
Grit Material	Diamond
Grit Number	1200 (Extra Fine)
Product Dimensions	7.87"L x 7.87"W
Item Diameter	200 Millimeters
Item Thickness	5 Centimeters
Item Weight	6.97 pounds
Compatible Devices	Tormek T-4, Tormek T-4 Bushcraft, Tormek T-3
Recommended Uses	Grinding, Sharpening
Manufacturer	TORMEK
Model Number	46020

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Tormek website or contact your local Tormek dealer. Keep your purchase receipt for warranty claims.

ADDITIONAL RESOURCES

Video: Tormek SVS-38 Short Tool Jig - Gouge Sharpening with Tormek Diamond Wheel Fine (Illustrates diamond wheel use)

Your browser does not support the video tag.

Video: This video demonstrates the use of the Tormek SVS-38 Short Tool Jig for sharpening gouges with a Tormek Diamond Wheel. It showcases the precision and effectiveness of Tormek diamond wheels in achieving sharp edges.