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Fortis DIN7254 A 300mm

Fortis Stone Chisel DIN7254 A 300mm Instruction Manual

Model: DIN7254 A 300mm

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use, maintenance, and care of your Fortis Stone Chisel DIN7254 A 300mm. Please read this manual thoroughly before using the tool to ensure proper operation and to prevent injury or damage.

The Fortis Stone Chisel is designed for stone masonry applications, featuring a robust construction for durability and performance. Its design adheres to DIN 7254 A standards, ensuring quality and reliability.

2. SAFETY INSTRUCTIONS

Always prioritize safety when using hand tools. Failure to follow these instructions may result in serious injury.

- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses or goggles to protect your eyes from flying debris. Gloves are recommended to protect hands.
- **Inspect the Tool:** Before each use, check the chisel for any signs of damage, such as cracks, chips, or excessive wear on the cutting edge or striking head. Do not use a damaged chisel.
- **Secure Workpiece:** Ensure the stone or material you are working on is securely clamped or stable to prevent movement during chiseling.
- **Use Correct Striking Tool:** Use an appropriate hammer or mallet for striking the chisel. Avoid using a hammer that is too light or too heavy for the task.
- **Maintain a Firm Grip:** Hold the chisel firmly to maintain control during use.
- **Clear Work Area:** Keep your work area clean and free of obstructions to prevent tripping hazards.
- **Avoid Mushroomed Heads:** The chisel's impact head is designed to resist mushrooming, but regular inspection is advised. If the head shows significant deformation, discontinue use to prevent metal fragments from breaking off.
- **Store Safely:** Store the chisel in a dry place, away from children and unauthorized users.

3. PRODUCT COMPONENTS

The Fortis Stone Chisel DIN7254 A 300mm consists of the following key parts:

- **Cutting Edge:** The sharpened end used for material removal.
- **Shaft:** The main body of the chisel, featuring a flat oval design for strength and grip.
- **Striking Head:** The hardened end designed to receive hammer blows, engineered to minimize mushrooming and splintering.



Image 1: Fortis Stone Chisel DIN7254 A 300mm. This image displays the full length of the chisel, showing its green-coated shaft and the unpainted, sharpened cutting edge.

4. SETUP

Proper setup ensures efficient and safe operation.

1. **Prepare Work Area:** Ensure your workspace is well-lit, stable, and free from clutter.
2. **Wear PPE:** Put on safety glasses and gloves.
3. **Secure Material:** Place the stone or material to be chiseled on a stable surface. If necessary, use clamps or a vise to prevent it from shifting during work.
4. **Select Hammer:** Choose a hammer or mallet appropriate for the task. A hammer with a flat face is generally recommended for striking chisels.

5. OPERATING INSTRUCTIONS

Follow these steps for effective and safe chiseling:

1. **Position the Chisel:** Place the cutting edge of the chisel against the material at the desired angle. The angle will depend on the type of cut you wish to make (e.g., splitting, shaping, or removing material).
2. **Hold Firmly:** Grip the chisel shaft firmly with one hand, ensuring your fingers are clear of the striking head.
3. **Strike the Head:** With your other hand, strike the striking head of the chisel with your chosen hammer. Use controlled, deliberate blows. The force required will vary depending on the material and the desired depth of cut.
4. **Monitor Progress:** Observe the material as you chisel. Adjust the angle, force, and position as needed to achieve the desired result.
5. **Avoid Over-Striking:** Do not strike the chisel with excessive force that could damage the tool or the material, or cause loss of control.

6. MAINTENANCE

Regular maintenance extends the life of your chisel and ensures optimal performance.

- **Cleaning:** After each use, wipe the chisel clean of any dust, debris, or moisture. A wire brush can be used for stubborn residue.
- **Sharpening:** The cutting edge will dull over time. Sharpen the chisel regularly using a grinding

wheel or appropriate sharpening stone. Maintain the original bevel angle. Always wear eye protection during sharpening.

- **Rust Prevention:** If storing for extended periods, apply a light coat of oil to the metal parts to prevent rust.
- **Inspect Striking Head:** Periodically check the striking head for signs of mushrooming or splintering. While designed to resist this, severe deformation indicates the tool should be replaced for safety.

7. TROUBLESHOOTING

Common issues and their solutions:

- **Chisel not cutting effectively:** The cutting edge may be dull. Sharpen the chisel as described in the Maintenance section.
- **Material splintering excessively:** The angle of attack might be too steep, or the force applied is too great for the material. Adjust your technique.
- **Chisel slipping:** Ensure the workpiece is securely held. The cutting edge might be dull, or you may not have a firm grip on the chisel.

8. SPECIFICATIONS

Feature	Specification
Model	DIN7254 A
Length	300 mm
Cutting Width	29 mm
Shaft Thickness	13 mm
Weight	799 g
Material	Chrome-Vanadium Air-Hardening Steel
Handle Material	Alloy Steel
Standard	DIN 7254 A

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, product support, or spare parts, please contact your retailer or the manufacturer directly. Keep your proof of purchase for any warranty claims.

Manufacturer: Unbekannt

