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› TEENO 76mm Cordless Mini Angle Grinder User Manual (Model KB-T-3608-2-MP76-ZG)

TEENO KB-T-3608-2-MP76-ZG

TEENO 76mm Cordless Mini Angle Grinder User Manual

Model: KB-T-3608-2-MP76-ZG

INTRODUCTION

Thank you for choosing the TEENO 76mm Cordless Mini Angle Grinder. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your tool. Please read this manual thoroughly before first use and keep it for future reference.

GENERAL SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

Work Area Safety

- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

Personal Safety

- Always wear eye protection. Use safety glasses, goggles, or a face shield.
- Wear appropriate personal protective equipment (PPE) such as dust masks, non-skid safety shoes, hard hats, or hearing protection for appropriate conditions.
- Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool.

Power Tool Use and Care

- Do not force the power tool. Use the correct power tool for your application.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

- Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.
- Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tool's operation.
- Use the power tool, accessories, and tool bits in accordance with these instructions, taking into account the working conditions and the work to be performed.

Battery Tool Use and Care

- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x TEENO 16.8V Cordless Mini Angle Grinder
- 2 x 16.8V 2000mAh Lithium-Ion Batteries
- 1 x Battery Charger
- 6 x 76mm Cutting Discs
- 1 x Plastic Storage Box
- 1 x Screwdriver
- 1 x Nut Wrench
- 1 x User Manual (this document)

TECHNICAL SPECIFICATIONS

Specification	Value
Brand	TEENO
Model Number	KB-T-3608-2-MP76-ZG
Product Dimensions	21.2L x 11.5W x 26.6H cm
Style	Angle Grinder
Power Source	Battery Powered
Battery Type	16.8V 2000mAh Lithium-Ion
Max Rotation Speed	19,500 RPM
Disc Diameter	76 mm (3 inches)
Disc Bore Diameter	10 mm
Motor Type	Brushed Motor

**LUNGA DURABILITÀ
& TAGLIO
VELOCE LINEA CRAFT**

**VELOCITÀ LINEARE MASSIMA:
GIRI/MIN MASSIMI
28000**



Image: TEENO Mini Angle Grinder with key dimensions and cutting disc specifications.

SETUP AND ASSEMBLY

Charging the Battery

1. Ensure the battery is clean and dry before charging.
2. Connect the charger to a standard power outlet.
3. Insert the battery pack into the charger. The indicator light on the charger will show the charging status (e.g., red for charging, green for fully charged).
4. Once fully charged, remove the battery from the charger. Do not overcharge.

SISTEMA DI ALIMENTAZIONE DOPPIO DA 16,8 V

ALIMENTAZIONE A BATTERIA SENZA INTERRUZIONI



Image: TEENO 16.8V Lithium-Ion Battery System.

Installing/Changing the Cutting Disc

Always ensure the battery is removed from the grinder before installing or changing any accessories.

1. **Step 1: Unscrew the central bolt.** Use the provided nut wrench to loosen and remove the central bolt that secures the disc.
2. **Step 2: Position the cutting disc.** Place the desired 76mm cutting or grinding disc onto the spindle, ensuring it sits correctly on the inner flange.
3. **Step 3: Tighten the bolt.** Re-insert the central bolt and tighten it securely with the nut wrench. Ensure the disc is firmly held and does not wobble.

PROCEDURA DI INSTALLAZIONE

FASE 1

SVITARE IL BULLONE CENTRALE

FASE 2

POSIZIONARE IL DISCO DA TAGLIO

FASE 3

SERRARE IL BULLONE

Image: Disc Installation Procedure.

The TEENO grinder supports various 76mm discs for different applications:

- **Cutting Discs:** For metal, wood, ceramic tiles.
- **Grinding Discs:** For deburring, surface finishing, rust removal.
- **Polishing Discs:** For surface polishing.

DISCHI E LAME MULTIPLI

PER LAVORI VERSATILI



Image: Multiple Discs for Versatile Work.

OPERATING INSTRUCTIONS

General Operation

1. Ensure the battery is fully charged and correctly inserted into the tool.
2. Verify that the cutting or grinding disc is securely installed.
3. Hold the grinder firmly with both hands.
4. Position the tool so the disc is clear of the workpiece.
5. Press the power switch to start the tool. The grinder will reach its maximum speed of 19,500 RPM quickly.
6. Gently bring the rotating disc into contact with the workpiece. Apply steady, even pressure. Do not force the tool.
7. Move the tool smoothly across the workpiece, allowing the disc to do the work.
8. After completing the task, lift the tool away from the workpiece and release the power switch.
9. Wait for the disc to come to a complete stop before setting the tool down.

Applications

The TEENO Mini Angle Grinder is suitable for a wide range of applications:

- **Cutting:** Metal, stainless steel, iron, sheet metal, wood, ceramic tiles, PVC pipes.
- **Grinding:** Deburring, surface finishing, rust removal.
- **Polishing:** Removing scratches and defects from various surfaces.
- **Sharpening:** Various tools and edges.
- **Tile Joint Removal:** For renovation and repair work.

Note: This product is **NOT** suitable for cutting or polishing concrete.

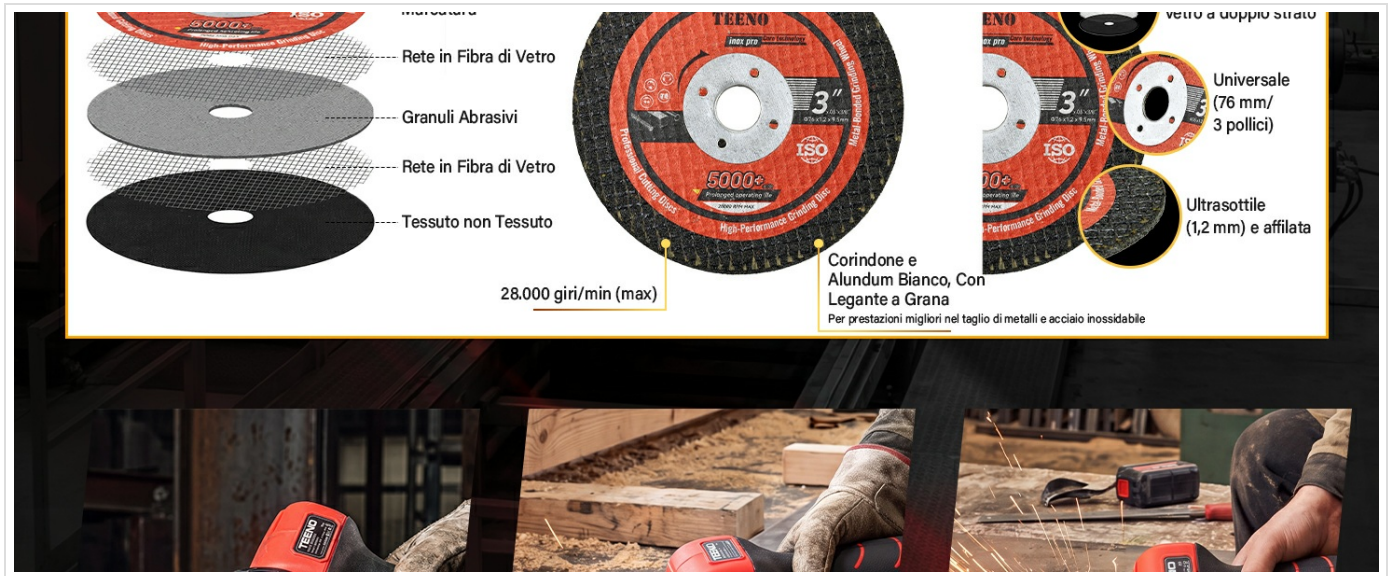


Image: Demonstrating cutting, grinding, and polishing applications.



Image: Materials suitable for processing with the angle grinder.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your TEENO Mini Angle Grinder.

Cleaning

- Always disconnect the battery before cleaning.
- Clean the tool's ventilation openings regularly to prevent overheating. Use a soft brush or compressed air.
- Wipe the tool housing with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Remove any dust or debris from the disc guard and spindle area.

Battery Care

- Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for extended periods. Recharge them periodically if not in use.
- Protect battery terminals from short-circuiting.

Disc Replacement

Replace cutting and grinding discs when they become worn, damaged, or lose their effectiveness. Refer to the "Installing/Changing the Cutting Disc" section for instructions.



Image: TEENO Ultra-Thin Cutting Discs (1.2mm thickness).

TROUBLESHOOTING

If you encounter issues with your angle grinder, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or improperly inserted.	Ensure battery is fully charged and correctly seated.
Tool stops during operation.	Battery is low or overheated. Overload protection activated.	Recharge battery. Allow tool to cool down. Reduce pressure on workpiece.
Excessive vibration or noise.	Disc improperly installed, damaged, or worn.	Check disc installation. Replace damaged or worn disc.
Poor cutting/grinding performance.	Worn or incorrect disc for the material. Insufficient power.	Replace disc. Ensure battery is fully charged. Use appropriate disc for the material.

If the problem persists after trying these solutions, please contact TEENO customer support.

WARRANTY AND CUSTOMER SUPPORT

TEENO products are manufactured to high-quality standards and are guaranteed against manufacturing defects. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official TEENO website. For technical assistance, spare parts, or any questions regarding your TEENO Mini Angle Grinder, please contact our customer support team. Contact information can typically be found on our website or on the product packaging. When contacting support, please have your model number (KB-T-3608-2-MP76-ZG) and purchase date available.

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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.

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