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Ingco B0DFTKSJQ4

INGCO Multi-Tool Blade Set (23 PCS) Instruction Manual

Model: B0DFTKSJQ4

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your INGCO 23-piece Multi-Tool Blade Set. This set includes a variety of blades and accessories designed for use with INGCO multi-function oscillating tools, specifically models CMLI2001 and MF3008. Please read these instructions carefully before installation and operation to ensure proper usage and to maximize the lifespan of your accessories.

2. PRODUCT OVERVIEW

The INGCO 23-piece Multi-Tool Blade Set includes a comprehensive selection of accessories for various tasks. The components are designed for cutting, sanding, scraping, and grout removal.



Image 1: A visual representation of the diverse blades and accessories included in the INGCO 23-piece multi-tool blade set. This image displays different types of saw blades (Bi-Metal, Cr-V), flexible and rigid scrapers, delta sanding pads, triangular carbide grout removal rasps, and sandpaper sheets, each labeled for identification.

Set Components:

- **10 Pcs** 80mm Sandpaper (various grits: P60, P80, P120, P180, P240)
- **1 Pc** 80mm (3-1/8") Delta Sanding Pad
- **1 Pc** 78mm Triangular Carbide Grout Removal Rasp
- **1 Pc** 88mm Half Grout Removal Blade
- **1 Pc** 87mm Bi-Metal (M42) Saw Blade
- **1 Pc** 87mm Cr-V Saw Blade
- **1 Pc** 10x40mm Cr-V Saw Blade
- **1 Pc** 20x40mm Cr-V Saw Blade
- **2 Pcs** 34x40mm Cr-V Saw Blade
- **1 Pc** 34x40mm Bi-metal (M42) Saw Blade
- **1 Pc** 65x50mm Bi-metal (M42) Saw Blade
- **1 Pc** 50mm Flexible Scraper
- **1 Pc** 50mm Rigid Scraper

3. SETUP AND INSTALLATION

Proper installation of the blade or accessory is crucial for safety and performance. Always ensure your oscillating tool is unplugged or has its battery removed before changing accessories.

Compatibility:

These accessories are specifically designed for INGCO multi-function oscillating tools, including models **CMLI2001** and **MF3008**.

Attachment Steps:

1. **Prepare the Tool:** Ensure the oscillating tool is powered off and disconnected from its power source.
2. **Open the Clamp:** Locate the quick-release lever or bolt on your oscillating tool's head. Open or loosen it to allow for blade insertion.
3. **Insert the Blade:** Align the accessory's mounting hole with the tool's spindle. The universal adjustment feature allows for multi-angle cutting, so position the blade at the desired angle for your task.



Image 2: An oscillating tool head with a blade attached, illustrating how the blade can be rotated and locked into various positions for multi-angle cutting and universal adjustment. This flexibility allows for optimal access and cutting efficiency in different applications.

4. **Secure the Blade:** Close or tighten the quick-release lever/bolt firmly to secure the blade in place. Ensure there is no wobble.
5. **Verify:** Gently tug on the blade to confirm it is securely attached before reconnecting power and operating the tool.

4. OPERATING INSTRUCTIONS

Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection, when operating power tools.

General Operation Tips:

- **Start Slow:** Begin with a lower oscillation speed and gradually increase as needed for the material and task.
- **Gentle Pressure:** Allow the tool and blade to do the work. Excessive force can damage the blade, tool, or workpiece.
- **Maintain Control:** Always hold the oscillating tool firmly with both hands if possible, ensuring stable control.
- **Clear Work Area:** Keep your work area clean and free of obstructions.

Specific Blade Usage:

- **Saw Blades (Bi-Metal, Cr-V):** Ideal for flush cuts, plunge cuts, and general cutting of wood, plastic, and soft metals. Bi-Metal blades (M42) are suitable for tougher materials including nails and screws embedded in wood. Cr-V blades are best for wood and plastic.
- **Scrapers (Flexible, Rigid):** Used for removing paint, adhesive, caulk, and other soft materials from surfaces. The flexible scraper adapts to contours, while the rigid scraper provides more aggressive material removal.



Image 3: A detailed view of an oscillating tool equipped with a scraper blade, effectively removing old paint or adhesive from a surface. This demonstrates the 'easy to scrape clean' capability of the scraper attachment.

- **Delta Sanding Pad & Sandpaper:** For sanding wood, paint, and other materials. Attach the sandpaper to the delta sanding pad using the hook-and-loop fastening system. The triangular shape allows access into corners and tight spaces.
- **Grout Removal Rasps (Triangular Carbide, Half Grout Removal Blade):** Designed for removing old grout between tiles. The carbide rasp is aggressive for tough grout, while the half grout removal blade can be used for more precise work or softer grout.



Image 4: A user's gloved hand operating an oscillating tool, demonstrating the practical application of a blade during a cutting or scraping task. This image highlights the ergonomic handling and precision possible with the tool and its accessories.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your multi-tool blades.

- **Cleaning:** After each use, clean blades and accessories to remove debris, dust, and residue. Use a brush or cloth. For stubborn residue, a mild solvent may be used, ensuring it does not damage the blade material.
- **Storage:** Store all blades in their original plastic box or a suitable container to prevent damage and corrosion. Keep them in a dry environment.
- **Inspection:** Before each use, inspect blades for signs of wear, damage, or dullness. Replace worn or damaged blades immediately to prevent injury and ensure efficient operation.
- **Sharpening:** Saw blades are generally not designed for user sharpening. Attempting to sharpen them may alter their balance and effectiveness.

6. TROUBLESHOOTING

If you encounter issues while using the blade set, consider the following common solutions:

- **Blade Not Cutting Effectively:**
 - Check if the blade is dull or damaged. Replace if necessary.
 - Ensure the correct blade type is being used for the material.
 - Verify the oscillating tool's speed setting is appropriate for the task.
 - Apply gentle, consistent pressure.
- **Excessive Vibration or Noise:**
 - Ensure the blade is securely attached to the oscillating tool.
 - Inspect the blade for bends or damage. Replace if found.
 - Check for any loose components on the oscillating tool itself.
- **Blade Overheating:**
 - Reduce cutting speed or pressure.
 - Allow the blade to cool periodically during prolonged use.
 - Ensure the blade is clean and free of debris that could cause friction.

7. SPECIFICATIONS

Brand	INGCO
Model Number	B0DFTKSJQ4
Product Dimensions	20 x 20 x 3 cm
Item Weight	1 kg
Included Components	23 Multi Tool Blades and Accessories (as detailed in Section 2)
Compatibility	INGCO multi-function oscillating tools (CMLI2001, MF3008)

8. WARRANTY AND SUPPORT

Warranty Information:

INGCO products typically come with a **six-month warranty**. Please retain your purchase receipt as proof of purchase for any warranty claims.

Customer Support:

For any questions, concerns, or warranty inquiries regarding your INGCO Multi-Tool Blade Set, please contact customer support:

- **Phone:** +91 95605 23925
- **Manufacturer/Importer:** INGCO

We are committed to providing prompt assistance.