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> [Ingco ID11008 1100W 13mm Impact Drill User Manual](#)

Ingco ID11008

Ingco ID11008 1100W 13mm Impact Drill User Manual

Model: ID11008

1. INTRODUCTION

Thank you for choosing the Ingco ID11008 1100W 13mm Impact Drill. This manual provides important information regarding the safe operation, maintenance, and care of your tool. Please read these instructions carefully before using the drill and keep them for future reference. Proper use and maintenance will ensure long-lasting performance and safety.

2. SAFETY INSTRUCTIONS

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

General Power Tool Safety Warnings:

- **Work Area Safety:** Keep your 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.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear eye protection. Use safety glasses, goggles, or a face shield. Wear hearing protection when operating noisy tools. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source 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.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

3. PRODUCT COMPONENTS

Familiarize yourself with the parts of your Ingco ID11008 Impact Drill:





Figure 1: Overall view of the Ingco ID11008 Impact Drill, showing the main body, chuck, and auxiliary handle.

1. **Chuck:** Holds the drill bit securely.
2. **Mode Selector Switch:** Allows selection between drilling and hammer drilling modes.
3. **Variable Speed Trigger:** Controls the rotation speed of the drill.
4. **Lock-on Button:** For continuous operation without holding the trigger.
5. **Forward/Reverse Switch:** Changes the direction of rotation.
6. **Auxiliary Handle:** Provides additional grip and control.
7. **Depth Gauge:** Used to set the desired drilling depth.



Figure 2: Detailed view of the drill's handle, showing the variable speed trigger, lock-on button, and forward/reverse switch.

4. SETUP

4.1 Attaching the Auxiliary Handle

1. Loosen the auxiliary handle by rotating it counter-clockwise.
2. Slide the handle onto the front of the drill body.
3. Adjust the handle to a comfortable and secure position.
4. Tighten the handle by rotating it clockwise until it is firmly secured.

4.2 Inserting and Removing Drill Bits

1. Ensure the drill is unplugged from the power source.
2. Rotate the chuck counter-clockwise to open the jaws.

3. Insert the drill bit fully into the chuck.
4. Rotate the chuck clockwise to tighten the jaws firmly around the drill bit. For keyless chucks, hand-tighten securely. For keyed chucks, use the chuck key to ensure maximum grip.
5. To remove, reverse the process.

4.3 Setting the Depth Gauge

1. Insert the depth gauge into the hole on the auxiliary handle.
2. Adjust the depth gauge to the desired drilling depth. The tip of the drill bit should extend beyond the end of the depth gauge by the desired depth.
3. Tighten the auxiliary handle to secure the depth gauge in place.

5. OPERATING INSTRUCTIONS

5.1 Power Connection

Connect the drill's power cord to a suitable power outlet (220-240V, 50/60Hz). Ensure the power source matches the tool's requirements.

5.2 Selecting Operating Mode

The Ingco ID11008 features two operating modes:

- **Drilling Mode (Rotary):** For drilling in wood, metal, plastics, and ceramics. Set the mode selector switch to the drill icon.
- **Hammer Drilling Mode (Impact):** For drilling in masonry, concrete, and stone. Set the mode selector switch to the hammer icon.

5.3 Variable Speed Control

The drill features a variable speed trigger. Press the trigger lightly for low speed and press harder for increased speed. This allows for precise control depending on the material and application.

5.4 Forward/Reverse Rotation

Use the forward/reverse switch located above the trigger to select the rotation direction. Set to forward (clockwise) for drilling and reverse (counter-clockwise) for removing screws or freeing a jammed drill bit.

5.5 Operating the Drill

1. Secure the workpiece to prevent movement.
2. Select the appropriate drill bit and operating mode.
3. Hold the drill firmly with both hands, using the auxiliary handle for stability.
4. Position the drill bit on the desired drilling point.
5. Start the drill at a low speed and gradually increase as the bit penetrates the material.
6. Apply steady, even pressure. Do not force the drill.
7. When finished, release the trigger and wait for the chuck to stop rotating before setting the tool down.

6. MAINTENANCE

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

6.1 Cleaning

- Always unplug the drill before cleaning.
- Clean the ventilation openings and the motor housing regularly with a soft brush or compressed air.
- Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

6.2 Carbon Brush Replacement

The carbon brushes may need replacement after extended use. This should ideally be performed by a qualified service technician to ensure proper installation and tool function.

6.3 Storage

When not in use, store the drill in a dry, secure place out of reach of children. Protect it from dust and moisture.

7. TROUBLESHOOTING

If you encounter issues with your drill, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drill does not start	No power supply; Faulty power cord/plug; Worn carbon brushes	Check power connection; Inspect cord/plug for damage; Have brushes checked/replaced by technician
Reduced power/speed	Worn carbon brushes; Overload; Incorrect speed setting	Have brushes checked/replaced; Reduce load; Adjust variable speed trigger
Excessive vibration/noise	Loose drill bit; Damaged chuck; Internal component issue	Ensure bit is securely tightened; Inspect chuck for damage; Contact service center
Overheating	Blocked ventilation; Prolonged heavy use; Dull drill bit	Clean ventilation slots; Allow tool to cool; Use sharp drill bits

If the problem persists after attempting these solutions, please contact an authorized service center.

8. SPECIFICATIONS

The following table details the technical specifications for the Ingco ID11008 Impact Drill:

Feature	Specification
Model Number	ID11008
Manufacturer	Ingco
Maximum Power	1100 Watts

Feature	Specification
Voltage	8 Volts (Note: Product description mentions 220-240V, 50/60Hz for operation, 8V might refer to an internal component or be an error in source data. Always refer to product label for operational voltage.)
Current	6 Amps
No-Load Speed	2800 RPM
Chuck Size	13 mm
Power Source	Corded Electric
Material	Metal
Special Features	Variable Speed
Included Components	Drill attachment (likely auxiliary handle and depth gauge)
Item Weight	3 Kilograms
Product Dimensions (L x W x H)	26.4 x 8.4 x 34 cm



Figure 3: Product dimensions of the Inco ID11008 Impact Drill.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. Inco products typically come with a manufacturer's warranty covering defects in materials and

workmanship. Keep your proof of purchase for any warranty claims.

For technical support or service inquiries, please contact your local Ingco service center or the retailer from whom you purchased the product.