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Makita 6408

Makita 6408 3/8" Drill User Manual

MODEL: 6408

Brand: Makita

Introduction

The Makita 6408 3/8" Drill is a powerful and versatile tool designed for a wide range of drilling applications. Its robust 4.9 AMP motor, variable speed control, and user-friendly features make it suitable for both professional and home use. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your drill.

Important Safety Information

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Always wear appropriate personal protective equipment, such as safety glasses and hearing protection, when operating the drill. Ensure the work area is well-lit and clear of obstructions. Disconnect the drill from the power source before making any adjustments, changing accessories, or performing maintenance. Keep children and bystanders away while operating a power tool.

What's in the Box

- Makita 6408 3/8" Drill
- Keyless Chuck (Part No. 763109-6)

Setup

1. Installing/Removing Drill Bits

The Makita 6408 features a keyless chuck for quick and easy bit changes.

1. Ensure the drill is unplugged from the power source.
2. To open the chuck, rotate the chuck sleeve counter-clockwise until the jaws are wide enough to insert the drill bit.
3. Insert the drill bit into the chuck, ensuring it is centered and fully seated.
4. To tighten, rotate the chuck sleeve clockwise firmly by hand until the bit is securely gripped. Do not overtighten.
5. To remove a bit, rotate the chuck sleeve counter-clockwise to loosen the jaws and pull the bit out.

2. Power Connection

Connect the drill's power cord to a standard 120V AC power outlet. Ensure the outlet is properly grounded and suitable for power tool use.

Operating Instructions

1. Powering On/Off and Speed Control

The drill is equipped with a large trigger switch for easy operation and variable speed control.

- To start the drill, pull the trigger switch. The speed increases as you pull the trigger further.
- To stop the drill, release the trigger switch.
- For continuous operation, press the lock-on button located on the side of the trigger while the drill is running. To release the lock, pull the trigger fully and then release it.

2. Reversing Switch

The reversing switch is conveniently located near the trigger. This allows you to change the direction of rotation for removing screws or freeing a stuck drill bit.

- Push the switch to the left for forward rotation (clockwise).
- Push the switch to the right for reverse rotation (counter-clockwise).
- Always ensure the drill has come to a complete stop before changing the direction of rotation.

3. Drilling Capacities

The Makita 6408 is designed for drilling in various materials:

- **Steel:** Up to 3/8 inch (9.5 mm)
- **Wood:** Up to 1 inch (25.4 mm)

Always select the appropriate drill bit for the material and desired hole size. Apply steady, even pressure and allow the drill to do the work.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your Makita 6408 drill.

- **Cleaning:** After each use, wipe down the drill with a clean, dry cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the power cord for any damage, cuts, or fraying. Check the chuck for proper operation and ensure all screws are tight.
- **Carbon Brushes:** The motor's carbon brushes may require periodic inspection and replacement. This should be performed by a qualified service center to ensure proper function and safety.
- **Storage:** Store the drill in a dry, secure location, out of reach of children and away from direct sunlight or extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Drill does not start.	No power supply; damaged cord; faulty switch.	Check power outlet and cord. If problem persists, consult a qualified technician.
Drill bit slips in chuck.	Chuck not tightened sufficiently; worn drill bit shank.	Ensure chuck is tightened firmly. Replace worn drill bits.
Excessive vibration or noise.	Damaged internal components; bent drill bit.	Check drill bit for straightness. If issue continues, seek professional service.

Specifications

Feature	Detail
Model Number	6408
Power Source	Corded Electric
Motor Amperage	4.9 Amps (115V)
No Load Speed	0 - 2,500 RPM (Variable Speed)
Chuck Size	3/8 inch (Keyless)
Drilling Capacity (Steel)	3/8 inch
Drilling Capacity (Wood)	1 inch
Overall Length	10-9/32 inches
Net Weight	3.1 lbs
Decibel Rating	79dB
Construction	All ball bearing

Product Images



Figure 1: Front view of the Makita 6408 3/8" Drill in teal color, showcasing its compact design and keyless chuck.



Figure 2: The Makita 6408 drill resting on a wooden beam, demonstrating its ergonomic design and suitability for woodworking tasks.



Figure 3: A size comparison of the Makita 6408 drill, indicating its approximate dimensions of 11 inches (27 cm) in length, providing a visual reference for its compact size.

Warranty and Support

Warranty Information

This Makita 6408 3/8" Drill comes with a**1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full warranty details and conditions, please refer to the official Makita warranty policy or contact Makita customer

service.

Customer Support

For technical assistance, service, or parts, please contact Makita customer support or visit their official website. You can also find authorized service centers near you.
Makita Official Website: www.makitatools.com

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