

Makita P-35025

Makita P-35025 51mm Hole Saw Instruction Manual

Model: P-35025

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Makita P-35025 51mm Hole Saw. This hole saw is designed for creating precise holes in various materials. Please read this manual thoroughly before operation and retain it for future reference.

SAFETY INFORMATION

Always wear appropriate personal protective equipment (PPE) including safety glasses, gloves, and hearing protection when operating power tools and accessories. Ensure the workpiece is securely clamped. Disconnect power tools from the power source before changing accessories or performing maintenance. Keep hands and loose clothing away from rotating parts.

PACKAGE CONTENTS

- 1 x Makita P-35025 51mm Hole Saw
- *Note: An appropriate arbor (mandrel) for attaching the hole saw to a drill is required and sold separately.*

SETUP

1. **Select the Correct Arbor:** Choose an arbor compatible with your drill and the Makita P-35025 hole saw. Ensure the arbor's pilot drill is sharp and suitable for the material.
2. **Attach Hole Saw to Arbor:** Thread the hole saw onto the arbor until it is finger-tight. Use a wrench to securely tighten the hole saw to prevent loosening during operation.
3. **Insert Arbor into Drill:** Insert the arbor shank into the chuck of your drill. Tighten the drill chuck securely to prevent the arbor from slipping.
4. **Verify Security:** Before starting, ensure the hole saw, arbor, and drill chuck are all securely fastened.



Figure 1: Makita P-35025 51mm Hole Saw packaging. The packaging indicates a 51mm diameter hole saw suitable for various materials.

OPERATING INSTRUCTIONS

1. **Material Compatibility:** This hole saw is suitable for wood, gypsum board, plastics, non-ferrous metals, aluminum, steel, and stainless steel. Refer to the material compatibility chart on the

packaging.

2. **Workpiece Preparation:** Securely clamp the material to be cut to prevent movement during drilling. Mark the center point for the hole.
3. **Drill Speed:** Select an appropriate drill speed for the material. Slower speeds are generally recommended for harder materials and larger diameter hole saws to prevent overheating and prolong tool life.
4. **Starting the Cut:** Position the pilot drill on the marked center point. Start the drill at a low speed and apply gentle, steady pressure. Allow the pilot drill to penetrate the material first.
5. **Cutting:** Once the hole saw teeth engage the material, increase the speed if appropriate for the material, maintaining steady pressure. Avoid excessive force, which can cause the saw to bind or overheat.
6. **Cooling (for Metal):** When cutting metal, especially steel or stainless steel, use a suitable cutting fluid to reduce friction, dissipate heat, and extend the life of the hole saw.
7. **Clearing Debris:** Periodically withdraw the hole saw from the cut to clear chips and debris, especially in deep cuts.
8. **Finishing the Cut:** Once the hole is complete, carefully withdraw the hole saw from the material.

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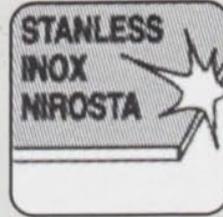
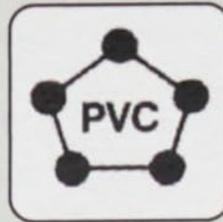


Figure 2: Side view of the Makita P-35025 hole saw packaging, illustrating compatible materials such as wood, PVC, metal, aluminum, and stainless steel.

- **Cleaning:** After each use, clean the hole saw to remove any accumulated debris, dust, or cutting fluid residue. Use a brush or compressed air.
- **Inspection:** Regularly inspect the hole saw teeth for wear, damage, or dullness. A dull hole saw will cut inefficiently and can overheat.
- **Storage:** Store the hole saw in a dry place to prevent rust. Keep it in its original packaging or a protective case to prevent damage to the teeth.
- **Lubrication:** For metal cutting, ensure proper lubrication during use.

TROUBLESHOOTING

- **Hole Saw Binds or Stalls:** Reduce feed pressure. Ensure the drill speed is appropriate for the material. Check for excessive debris in the cut.
- **Poor Cut Quality / Slow Cutting:** The hole saw teeth may be dull or damaged. Replace the hole saw. Ensure correct drill speed and adequate pressure.
- **Hole Saw Overheats:** Reduce drill speed and feed pressure. Use cutting fluid for metal. Clear debris frequently.
- **Hole Saw Wobbles:** Ensure the hole saw is securely tightened to the arbor and the arbor is securely tightened in the drill chuck. Check for a bent arbor or damaged hole saw.

SPECIFICATIONS

Feature	Specification
Model Number	P-35025
Diameter	51 mm
Material Compatibility	Wood, Gypsum Board, Plastics, Non-ferrous Metals, Aluminum, Steel, Stainless Steel (>1mm)
Item Weight	133 g (0.29 Pounds)
Product Dimensions	30 x 19.99 x 15.01 cm
Manufacturer	Makita
UPC	088381964180



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4-6 ZpZ · tpi · d/p

Holz, Gipskarton, Kunststoff,
Buntmetalle, Alu, Stahl, rost-
freier Stahl ab 1 mm

Wood, gypsum board, plastics,
non-ferrous metals, aluminium,
steel, stainless steel > 1 mm

Bois, beton leger, plastique,
métaux non ferreux, alu, acier,
Inox > 1 mm

Figure 3: Detailed view of the Makita P-35025 hole saw packaging, showing specific material compatibility including wood, gypsum board, plastics, non-ferrous metals, aluminum, steel, and stainless steel greater than 1mm.

For warranty information and customer support, please refer to the official Makita website or contact your local Makita dealer. Keep your purchase receipt as proof of purchase.



Figure 4: Back of the Makita P-35025 hole saw packaging, displaying the product barcode (UPC: 088381964180) and safety symbols indicating the need for eye protection and hearing protection during use.

