

Kreg KDG-6000

Kreg Portable Drilling Guide Instruction Manual

Model: KDG-6000

Brand: Kreg

INTRODUCTION

The Kreg Portable Drilling Guide (Model KDG-6000) is designed to simplify the process of creating perfectly straight and precisely positioned holes using a standard hand drill. This tool eliminates the need for a drill press in many applications, offering convenience and accuracy for various woodworking and carpentry tasks.

Its robust design incorporates six hardened steel drill guides, ensuring your drill bit remains stable and on target. The integrated GripMaxx™ material provides excellent grip, preventing slippage during use. Furthermore, the guide features an automatic centering mechanism for common board thicknesses, making it an indispensable accessory for both hobbyists and professionals.

PRODUCT OVERVIEW

Key Features

- **Premium Home Improvement Tools:** Drill guide can create perfectly positioned holes thanks to 6 built-in hole alignment marks.
- **Sturdy Woodworking Tools:** The 6 included hardened-steel drill guides help you make clean, precise holes.
- **Multiple Drill Guide Sizes:** This woodworking tool features guide sizes of 1/8, 3/16, 1/4, 5/16, 3/8, and 1/2 of an inch.
- **Versatile Carpentry Tools:** This drill guide has a GripMaxx surface to prevent slipping; the guide centers itself on 1/2-inch and 3/4-inch material edges.
- **Premium Kreg Tools:** We offer products that help woodworkers close the gap between idea and outcome.

Components

- One (1) Kreg Portable Drilling Guide (Model KDG-6000)

Product Visuals



The Kreg Portable Drilling Guide, a compact blue and black tool with clearly marked drill guide sizes.

CREATE PERFECTLY STRAIGHT HOLES WITHOUT A DRILL PRESS.



Illustration showing the Kreg Drilling Guide's capability to create perfectly straight holes without a drill press.



**SIX HARDENED
STEEL DRILL GUIDES:
1/8", 3/16", 1/4", 5/16", 3/8", 1/2"**



Close-up view highlighting the six hardened steel drill guides, ranging from 1/8" to 1/2" in size.

**SELF-CENTERS ON EDGE OF 1/2", 3/4"
(13 MM AND 19 MM) MATERIAL**



The Kreg Drilling Guide self-centering on the edge of a 1/2" or 3/4" thick material, ensuring perpendicular holes.



Detail showing the GripMaxx™ anti-slip surfaces on the underside of the Kreg Drilling Guide, designed for enhanced stability.



BUILT-IN HOLE-ALIGNMENT MARKS

The Kreg Drilling Guide featuring built-in hole-alignment marks for precise positioning of drilled holes.

SETUP

The Kreg Portable Drilling Guide requires minimal setup. Ensure your workpiece is stable and securely positioned on a flat surface. The guide is designed for handheld use and does not require mounting to a workbench or drill press.

1. **Select Drill Guide Size:** Identify the appropriate hardened steel drill guide hole on the tool that matches the diameter of your drill bit. The guide includes sizes from 1/8" to 1/2".
2. **Position the Guide:** Place the Kreg Drilling Guide on your workpiece at the desired drilling location. For drilling perpendicular holes near the edge of a board, align the guide so its self-centering feature engages with the edge of 1/2" (13 mm) or 3/4" (19 mm) thick material.
3. **Ensure Stability:** Press down firmly on the guide to engage the GripMaxx™ anti-slip surfaces with the workpiece. For smoother materials or when applying significant force, consider using a clamp to secure the guide to the workpiece to prevent any movement during drilling.

OPERATING INSTRUCTIONS

Once the Kreg Portable Drilling Guide is properly set up and secured, you can proceed with drilling. Always wear appropriate safety gear, including eye protection, when operating power tools.

1. **Insert Drill Bit:** Insert your drill bit into the chuck of your hand drill. Ensure the bit is securely tightened.
2. **Align Drill Bit:** Place the tip of your drill bit into the selected hardened steel guide hole on the Kreg Drilling Guide.
3. **Begin Drilling:** With the drill bit aligned and the guide firmly held in place, start your drill and apply steady, even pressure. Allow the drill bit to pass through the guide and into the workpiece. The hardened steel guides will keep your drill bit straight and prevent wandering.
4. **Clear Debris:** Periodically withdraw the drill bit slightly to clear wood chips and dust from the hole, especially when drilling deeper holes.
5. **Complete Hole:** Continue drilling until the desired depth is reached. Once the hole is complete, withdraw the drill bit and remove the Kreg Drilling Guide from the workpiece.

Applications

- **Pilot Holes:** Create accurate pilot holes for screws, ensuring proper fastener alignment and preventing wood splitting.
- **Hardware Mounting:** Drill precise holes for mounting hinges, handles, and other hardware components.
- **Dowel Joints:** Facilitate the creation of strong dowel joints by drilling perfectly aligned holes for dowel pins.
- **General Drilling:** Use for any application where straight, perpendicular holes are critical, such as shelf pin holes or through-holes for bolts.



A user demonstrating the Kreg Portable Drilling Guide in action, drilling a straight hole into a piece of wood.



A user utilizing the Kreg Portable Drilling Guide with an additional clamp for enhanced stability while drilling.

MAINTENANCE

To ensure the longevity and continued performance of your Kreg Portable Drilling Guide, follow these simple maintenance guidelines:

- **Cleaning:** After each use, wipe down the guide with a clean, dry cloth to remove any sawdust or debris. For stubborn residue, a slightly damp cloth can be used, followed by thorough drying.
- **Storage:** Store the drilling guide in a clean, dry environment, away from excessive moisture or extreme temperatures. Keeping it in its original packaging or a dedicated tool drawer can protect it from damage.
- **Inspection:** Periodically inspect the hardened steel drill guides for any signs of wear or damage. While designed for durability, prolonged heavy use may eventually cause wear.

TROUBLESHOOTING

This section addresses common issues you might encounter while using the Kreg Portable Drilling Guide.

Issue: Drill bit wanders or does not start straight.

Solution: Ensure the Kreg Drilling Guide is firmly pressed against the workpiece. For smoother materials or when applying significant drilling pressure, use a clamp to secure the guide to prevent any movement. Verify that the drill bit is correctly seated within the chosen hardened steel guide hole.

Issue: Guide slides on the workpiece during drilling.

Solution: The GripMaxx™ surfaces are designed to provide excellent grip. If sliding occurs, ensure the workpiece surface is clean and free of excessive dust or oils. Apply more downward pressure on the guide. If the issue persists,

use a woodworking clamp to secure the guide to the workpiece.

Issue: Drill bit does not fit into the guide holes.

Solution: The Kreg Drilling Guide accommodates standard twist and brad point bits in sizes 1/8", 3/16", 1/4", 5/16", 3/8", and 1/2". It is not designed for larger bits such as Forstner bits or spade bits. Ensure you are using a compatible drill bit size for the selected guide hole.

SPECIFICATIONS

Attribute	Detail
Model Number	KDG-6000
Material	Metal
Finish Type	Aluminum
Shank Type	Straight
Item Dimensions (L x W x H)	6.97 x 2.48 x 1.14 inches
Item Weight	3.87 ounces
Number of Pieces	6 (referring to drill guide sizes)
Color	Blue
Power Source	Hand Powered
Surface Recommendation	Wood
UPC	647096810962

WARRANTY AND SUPPORT

Return Policy

This product is eligible for a 30-day refund or replacement policy from the date of purchase. Please refer to your retailer's specific return guidelines for detailed instructions.

Customer Support

For technical assistance, product inquiries, or warranty claims beyond the return period, please contact Kreg customer support directly. Visit the official Kreg website or refer to the contact information provided with your purchase for the most up-to-date support options.

You can also visit the [Kreg Store on Amazon](#) for more information and related products.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question