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Milescraft 1369

Milescraft 1369 Metric Joint Mate Doweling Jig Instruction Manual

MODEL: 1369

INTRODUCTION

The Milescraft 1369 Metric Joint Mate is a versatile, self-centering doweling jig designed to assist in creating strong and precise wood joints. This manual provides detailed instructions for its proper setup, operation, and maintenance, ensuring optimal performance and longevity of your tool. Please read all instructions carefully before use.

PRODUCT OVERVIEW

The Milescraft 1369 Metric Joint Mate includes the following components:

- **Joint Mate Jig:** The main self-centering body of the tool.
- **Metal Bushings:** Interchangeable bushings in 6mm, 8mm, and 10mm sizes for precise drilling.
- **Adjustable Fence:** Allows for accurate alignment on various material thicknesses.



Milescraft 1369 Metric Joint Mate Doweling Jig. This image shows the complete doweling jig with its self-centering mechanism and adjustable fence.

SETUP

Before beginning any project, ensure your workspace is clean and well-lit. Familiarize yourself with the components of the Joint Mate.

1. **Select the Correct Bushing:** Choose the appropriate metal bushing (6mm, 8mm, or 10mm) based on the dowel size you intend to use. Insert it into the desired hole on the jig.
2. **Adjust the Fence:** The adjustable fence allows for precise alignment on various material thicknesses. Loosen the red knob, slide the fence to the desired position, and tighten the knob securely. The jig is designed to work with wood from 12.7 mm to 38.1 mm (0.5 to 1.5 inches) thick.

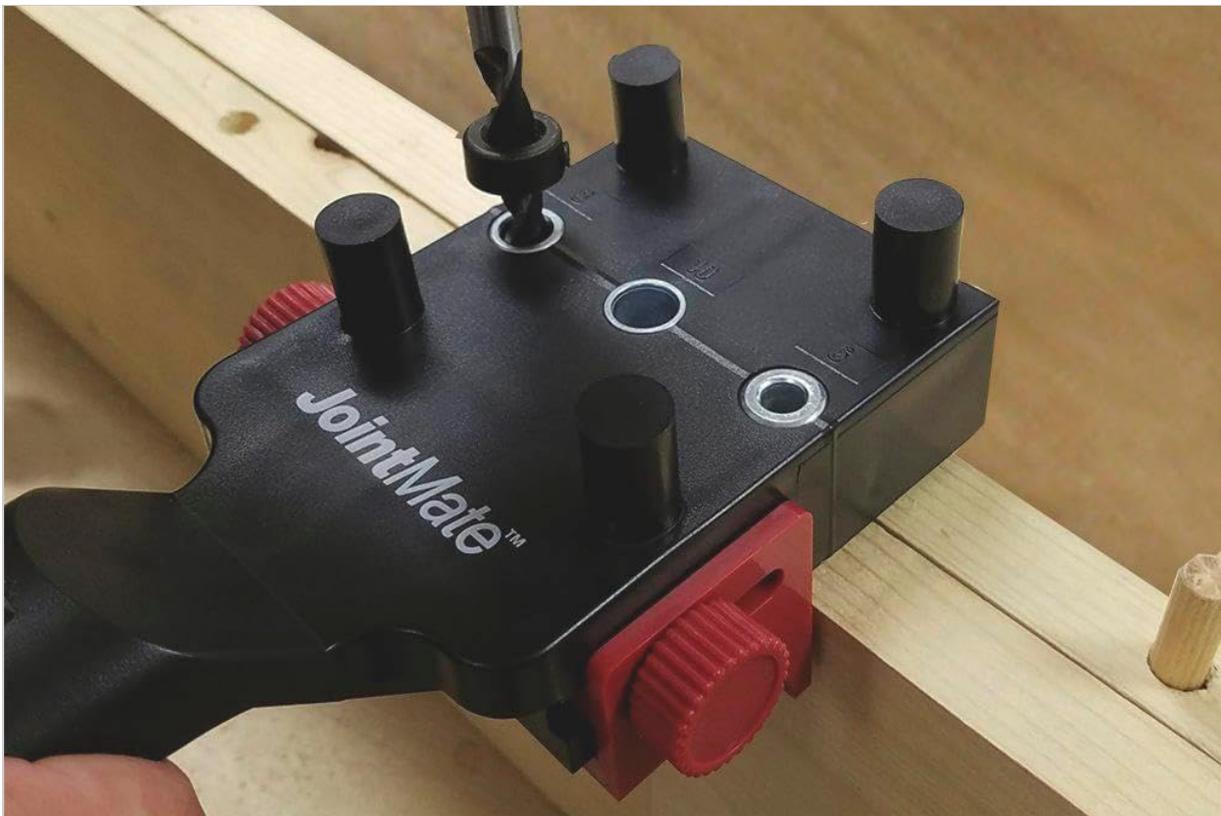


Close-up view of the Milescraft Joint Mate in action, demonstrating the drilling process with a drill bit inserted into one of the metal bushings. The jig is clamped onto a wooden workpiece.

OPERATING INSTRUCTIONS

The Joint Mate is designed for creating corner, edge, and surface joints. Always wear appropriate safety gear, including eye protection, when operating power tools.

1. **Marking and Clamping:** Mark the centerlines for your dowel holes on both workpieces. Align the Joint Mate with these marks. Securely clamp the jig to your workpiece to prevent movement during drilling. A workbench vise or clamps are recommended.
2. **Drilling Dowel Holes:** Insert your drill bit (matching the bushing size) into the drill. Place the drill bit into the selected metal bushing on the Joint Mate. Drill straight down, applying steady pressure. Use a depth stop on your drill bit to ensure consistent hole depth.
3. **Creating Corner Joints:** For corner joints, align the jig to the edge of one workpiece, drill, then align to the face of the other workpiece, drill. The self-centering feature ensures accurate alignment.
4. **Creating Edge Joints:** For edge joints, align the jig along the edge of both pieces to be joined, ensuring consistent spacing and depth.
5. **Creating Surface Joints:** For surface joints, mark the positions on the surface and use the jig to drill the holes.



The Milescraft Joint Mate positioned on a wooden board, with a drill bit ready to create a dowel hole. This illustrates the jig's application for surface or edge jointing.

MAINTENANCE

To ensure the longevity and accuracy of your Milescraft 1369 Metric Joint Mate, follow these maintenance guidelines:

- **Cleaning:** After each use, wipe down the jig with a dry cloth to remove sawdust and debris. Do not use harsh chemicals or solvents.
- **Storage:** Store the jig in a clean, dry place, away from direct sunlight and extreme temperatures. Keep the metal bushings clean and free of rust.
- **Inspection:** Periodically inspect the jig for any signs of wear or damage. Ensure the adjustable fence mechanism operates smoothly.

TROUBLESHOOTING

If you encounter issues while using your Milescraft 1369 Metric Joint Mate, refer to the following troubleshooting tips:

- **Inaccurate Holes:** Ensure the jig is securely clamped to the workpiece. Verify that the drill bit matches the selected metal bushing size. Drill straight and avoid wobbling.
- **Jig Movement During Drilling:** Re-check that the jig is firmly clamped. For wider boards, consider using multiple clamps or a workbench vise.
- **Difficulty Adjusting Fence:** Ensure the red knob is fully loosened before attempting to slide the fence. Clean any debris that might be obstructing the mechanism.

SPECIFICATIONS

Feature	Detail
Manufacturer	Milescraft
Part Number	1369
Power Source	Hand Powered
Item Package Quantity	1
Included Components	JointMate
Batteries Required	No
Weight	264 Grams
Length	9.06 inches
Width	3.94 inches
Height	1.97 inches
Product Dimensions	23.01 x 10.01 x 5 cm
Model Number	1369
Wood Thickness Compatibility	12.7 mm to 38.1 mm (0.5 to 1.5 inches)

WARRANTY AND SUPPORT

Warranty Information: For specific warranty details, please refer to the documentation included with your purchase or contact Milescraft customer support directly.

Customer Support: For further assistance, technical questions, or to inquire about replacement parts, please visit the official Milescraft website or contact their customer service department.