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> NDNCZDHC 7in Wood Vise Woodworking Bench Vise Instruction Manual

NDNCZDHC NDNCZDHC7kshbw12ma

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Model: NDNCZDHC7kshbw12ma

INTRODUCTION

Thank you for choosing the NDNCZDHC 7in Wood Vise. This heavy-duty woodworking bench vise is constructed from durable carbon steel, designed to provide a secure and stable clamping solution for various woodworking and general clamping applications. Its robust design and accuracy-machined castings ensure smooth operation and consistent performance, making it an essential tool for home workshops, woodworking studios, and educational settings. This manual provides detailed instructions for the safe setup, operation, and maintenance of your new vise.





Image 1: Front view of the NDNCZDHC 7in Wood Vice, showcasing its robust carbon steel construction and main screw mechanism.

SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the vise. Failure to follow these instructions may result in injury or damage to the tool or workpiece.

- Always wear appropriate personal protective equipment, such as safety glasses, when working with tools and materials.
- Ensure the vise is securely mounted to a stable workbench or surface before use.
- Do not overtighten the vise. Apply only sufficient pressure to hold the workpiece firmly. Excessive force can damage the vise or the workpiece.
- Keep hands and fingers clear of the moving parts of the vise, especially the screw and guide bars, during operation.

- Do not use the vise for purposes other than its intended use as a workholding device for woodworking and general clamping.
- Inspect the vise regularly for any signs of wear, damage, or loose components. Do not use a damaged vise.
- Keep the work area clean and well-lit.

PACKAGE CONTENTS

Carefully unpack the box and ensure all items listed below are present and undamaged. If any parts are missing or damaged, please contact customer support.

- 1 x Woodworking Bench Vise
- 4 x M8 Screws (for mounting)
- 6 x M6 Screws (for assembly/mounting, depending on design)



Image 2: The NDNCZDHC 7in Wood Vise shown with its accompanying M8 and M6 screws, ready for assembly and mounting.

SETUP AND INSTALLATION

The NDNCZDHC Wood Vise is designed for secure attachment to a workbench or machine table. Follow these steps for proper installation:

1. **Choose a Location:** Select a sturdy and stable location on your workbench or machine table that can support the weight of the vise and the forces applied during use.
2. **Position the Vise:** Place the vise on the desired mounting surface. The base plate of the vise features pre-drilled slots for mounting screws.
3. **Mark Drilling Points:** Use the vise's mounting slots as a template to mark the drilling points on your workbench. Ensure the vise is aligned correctly before marking.
4. **Drill Pilot Holes:** Remove the vise and drill appropriate pilot holes at the marked locations. The M8 screws are typically used for mounting the main body of the vise. Ensure the drill bit size is suitable for the screws to ensure a secure fit.
5. **Secure the Vise:** Reposition the vise over the pilot holes. Insert the M8 screws through the vise's base plate slots and into the workbench. Tighten the screws firmly using appropriate tools. Do not overtighten, but ensure there is no movement or wobble.
6. **Check Stability:** After installation, gently test the vise for stability. It should be firmly attached to the workbench without any play.



Image 3: Dimensional diagram of the NDNCZDHC 7in Wood Vise, useful for planning mounting space and understanding its physical footprint.

OPERATING INSTRUCTIONS

Using your NDNCZDHC Wood Vise effectively involves proper workpiece placement and clamping.

1. **Open the Vise:** Turn the handle counter-clockwise to open the vise jaws to a width slightly larger than your workpiece.
2. **Position the Workpiece:** Place the workpiece securely between the vise jaws. Ensure the workpiece is seated firmly and evenly. For delicate materials, consider using jaw pads to prevent marring.
3. **Close and Tighten:** Turn the handle clockwise to close the jaws until they make contact with the workpiece. Continue to turn the handle to apply sufficient clamping pressure. The vise's accuracy-machined castings and guide bars ensure smooth operation.
4. **Check Security:** Gently attempt to move the workpiece. It should be held firmly without slipping. Do not overtighten.
5. **Release Workpiece:** Once work is complete, turn the handle counter-clockwise to release the clamping pressure and remove the workpiece.



Image 4: A woodworker utilizing the NDNCZDHC 7in Wood Vise to securely hold a wooden plank, demonstrating its practical application in a workshop setting.



MADE OF HIGH QUALITY STEEL, WEAR-RESISTANCE AND DURABLE TO USE.
IDEAL FOR WOOD WORKING AND GENERAL CLAMPING APPLICATIONS.

Image 5: A detailed view of the NDNCZDHC 7in Wood Vise actively clamping a wooden workpiece, highlighting the secure grip provided by its jaws.

MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your NDNCZDHC Wood Vise.

- **Cleaning:** After each use, wipe down the vise to remove sawdust, debris, and moisture. A clean cloth is usually sufficient. For stubborn grime, a mild cleaner can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a light coat of machine oil or grease to the main screw and guide bars. This will ensure smooth operation and prevent rust. Avoid excessive lubrication, which can attract dust.
- **Inspection:** Regularly check all fasteners (screws, bolts) for tightness. Tighten any loose components. Inspect the jaws for wear or damage.
- **Storage:** Store the vise in a dry environment to prevent rust. If storing for an extended period, apply a thin layer of rust preventative to exposed metal surfaces.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Vise Jaws are Stiff or Hard to Turn	Lack of lubrication, accumulated dust/debris, minor rust.	Clean the main screw and guide bars. Apply a light coat of machine oil or grease.
Workpiece Slips in Jaws	Insufficient clamping pressure, worn jaw surfaces, workpiece material is too smooth.	Increase clamping pressure (without overtightening). Use jaw pads for better grip or to protect delicate surfaces. Ensure jaws are clean.
Vise Wobbles on Workbench	Mounting screws are loose, workbench surface is uneven.	Tighten all mounting screws. Ensure the workbench surface is flat and stable.

SPECIFICATIONS

Key technical specifications for the NDNCZDHC 7in Wood Vise:

- **Model:** NDNCZDHC7kshbw12ma
- **Material:** Carbon Steel
- **Item Weight:** Approximately 9.46 pounds (4300g)
- **Package Dimensions:** Approximately 15.35 x 7.87 x 1.97 inches
- **Manufacturer:** NDNCZDHC

For further assistance or inquiries, please refer to the NDNCZDHC official website or contact customer support.