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> Woodpeckers Precision Woodworking Square 12-Inch (Model 1281R-W) User Manual

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Brand: Woodpeckers | Model: 1281R-W

INTRODUCTION

This manual provides essential information for the proper use and care of your Woodpeckers 12-Inch Precision Woodworking Square, Model 1281R-W. Manufactured in the USA from high-quality aluminum, this tool is designed for exceptional accuracy in woodworking applications. Please read through these instructions to ensure optimal performance and longevity of your precision square.

KEY FEATURES

- **Precision Construction:** Crafted from a solid piece of stable, cast aluminum tool plate, ensuring a single-piece ruler and handle for accuracy within 0.001 inch along its full length.
- **Robust Design:** Features two precision-machined aluminum cheeks fitted with stainless steel dowel pins for bulletproof rigidity and perfect alignment.
- **Shoulder Lip:** The inside edge of the handle includes a shoulder, allowing the square to lay flat on the workpiece for accurate marking without tipping.
- **Self-Standing Base:** A thick base enables the square to stand upright, facilitating hands-free checking of squareness for machinery setup (table saw blade, jointer fence, band saw blade) and casework.
- **Zero-Out Notch:** A milled notch at the inside corner allows for precise layout lines to be extended all the way to the edge of your work.
- **Laser Engraved Scales:** Easy-to-read measurement scales are laser etched in 1/16th increments on both sides of the ruler.
- **Storage:** Includes a Rack-It wall mount for convenient and safe storage.

SETUP

Your Woodpeckers Precision Woodworking Square comes ready for immediate use. No assembly is required for the square itself. The included Rack-It wall mount can be installed in your workshop for organized storage.

Initial Inspection

Upon receiving your square, inspect it for any signs of damage. While Woodpeckers tools are built for durability, a quick visual check ensures everything is in perfect order before use. The square is factory-calibrated to be accurate within 0.001 inch.



Image: The Woodpeckers 12-Inch Precision Woodworking Square, Model 1281R-W, showcasing its design and laser-engraved scales.

OPERATING INSTRUCTIONS

The Woodpeckers Precision Woodworking Square is a versatile tool for various measuring and layout tasks. Its design ensures accuracy and ease of use.

1. Marking Layout Lines

To mark a precise line, place the square firmly against the edge of your workpiece. The shoulder lip on the handle allows it to rest securely without tipping. Use a pencil or marking knife along the ruler's edge. The zero-out notch at the inside corner ensures your line extends fully to the workpiece edge.



The central core is notched to allow marking all the way to the edge referenced by the offset cheeks.

Image: A detailed view of the square's notch being used to mark a line precisely to the edge of a wooden board.

2. Checking Squareness of Workpieces

For checking the squareness of board ends or assemblies, hold the square against the surfaces. The finger slot provides a convenient grip. For larger assemblies or casework, the thick base allows the square to stand upright, providing a hands-free reference.



Finger slot provides a convenient grip
when checking board ends.

Image: Demonstrating the use of the finger slot for a secure grip while checking the squareness of a board end.



The wide, stable base formed by adding the cheeks keeps the squares upright while checking assemblies.

Image: The square standing upright, demonstrating its self-standing capability for checking the internal squareness of a wooden box.

3. Setting Up Machinery

The self-standing feature is particularly useful for setting up machinery. Place the square upright on your table saw, jointer, or band saw to accurately check the 90-degree alignment of blades and fences.

Your browser does not support the video tag.

Video: Official Woodpeckers video demonstrating various uses of their precision squares, including machinery setup and checking assemblies.

Your browser does not support the video tag.

Video: A short preview from Woodpeckers showcasing the versatility and precision of their squares in a workshop setting.

MAINTENANCE

To maintain the precision and appearance of your Woodpeckers square, follow these simple guidelines:

- **Cleaning:** Wipe the square clean with a soft, dry cloth after each use to remove dust, wood particles, and oils. For stubborn

grime, a mild detergent solution can be used, followed by thorough drying.

- **Storage:** Store the square in its included Rack-It wall mount or a protective case to prevent accidental drops or impacts that could compromise its accuracy. Avoid storing it in environments with extreme temperature fluctuations or high humidity.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the anodized finish and laser-etched markings.

TROUBLESHOOTING

Woodpeckers Precision Woodworking Squares are built to last and maintain their accuracy. If you encounter any issues, consider the following:

- **Inaccurate Readings:** Ensure the square is clean and free of debris that might prevent it from sitting flush against your workpiece. Verify that the workpiece itself has a straight and clean edge for reference.
- **Physical Damage:** If the square has been dropped or subjected to significant impact, its accuracy may be compromised. While highly durable, extreme force can affect any precision tool. In such cases, contact Woodpeckers customer support for assistance.

SPECIFICATIONS

Feature	Detail
Model	1281R-W
Brand	Woodpeckers
Material	Aluminum
Color	Chrome, Red
Style	Inch - 12
Graduation Range	1/16 Inches
Accuracy	Within 0.001 inch along full length
Item Dimensions (L x W)	14.5"L x 10"W
Included Components	Woodworking Square, Rack-It wall mount
UPC	705105657301

WARRANTY & SUPPORT

Your Woodpeckers Precision Woodworking Square is backed by a **LIFETIME Woodpeckers Guarantee**, established in 1988. This commitment reflects the high quality and durability of their USA-made tools. For any questions, concerns, or warranty claims, please contact Woodpeckers Inc. directly. Refer to their official website or product packaging for the most current contact information and detailed warranty terms.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

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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