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› BORA Parallel Clamps User Manual

BORA 571550

BORA Parallel Clamps Instruction Manual

Model: 571550

Brand: BORA

INTRODUCTION

The BORA Parallel Clamps are designed to provide rock-solid stability and precise clamping for various woodworking projects. Engineered for both enthusiasts and professionals, these clamps deliver consistent, even pressure, ensuring accurate and secure workpieces. This manual provides essential information for the proper setup, operation, and maintenance of your BORA Parallel Clamps.



Figure 1: Overview of the BORA Parallel Clamps set.

KEY FEATURES

- **High Clamping Force:** Delivers up to 1,100 lbs (500 kg) of clamping pressure for secure hold.
- **Padded Jaws:** Features 3.5-inch wide padded jaws that provide constant, even pressure without damaging the

material.

- **Easy-Grip Handle:** Equipped with a large, ergonomic handle for comfortable and efficient tightening and loosening.
- **Passive Lock Bottom Jaw:** The bottom jaw includes a passive lock mechanism, ensuring it stays in place while adjusting the clamp.
- **Versatile Lengths:** Available in various lengths, including 24-inch and 31-inch, to accommodate diverse project sizes.



Figure 2: The 4-piece set includes two 24-inch and two 31-inch parallel clamps.

SETUP

Setting up your BORA Parallel Clamps is straightforward. The design allows for quick adjustments to suit your project needs.

Adjusting the Clamp Jaw:

1. To move the movable jaw towards the fixed jaw (to close the clamp), apply downward pressure on the handle and slide the jaw along the bar. The notched bar helps prevent unwanted sliding.

2. To move the movable jaw away from the fixed jaw (to open the clamp), lift the handle upwards and slide the jaw along the bar. This releases the passive lock, allowing for easy adjustment.

OPERATING INSTRUCTIONS

The BORA Parallel Clamps are ideal for various woodworking applications, especially for glue-ups and assembly where consistent, even pressure is crucial.

General Clamping:

1. Position the fixed jaw against one side of your workpiece.
2. Adjust the movable jaw close to the other side of the workpiece using the method described in the "Setup" section.
3. Once the jaws are in position, turn the handle clockwise to apply clamping pressure. Ensure the jaws remain parallel to distribute pressure evenly.
4. To release the clamp, turn the handle counter-clockwise until the pressure is relieved, then lift the handle to slide the jaw open.



ROCK-SOLID STABILITY FOR A SUPERIOR FINISHED PRODUCT

Figure 3: Achieving rock-solid stability for precise woodworking projects.



Figure 4: Detail of the padded jaw providing precise clamping without marring the material.

Video 1: Official BORA video showcasing the features and applications of the Parallel Clamps, including their use in glue-ups.

MAINTENANCE

Proper maintenance will extend the life and performance of your BORA Parallel Clamps.

- **Cleaning:** After each use, wipe down the clamps, especially the bar and jaws, to remove any sawdust, glue, or debris. A damp cloth can be used, followed by a dry cloth.
- **Lubrication:** Periodically apply a light coat of dry lubricant (e.g., silicone spray) to the bar and the screw mechanism to ensure smooth operation. Avoid excessive lubrication, which can attract dust.
- **Storage:** Store clamps in a dry environment to prevent rust. Hanging them vertically can help save space and keep them organized.
- **Inspect for Damage:** Regularly check for any signs of wear, damage, or loose components. Do not use damaged clamps.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Jaw is difficult to slide.	Accumulation of dust/debris, lack of lubrication.	Clean the bar and mechanism thoroughly. Apply a dry lubricant. Ensure the handle is lifted when sliding to release the passive lock.
Clamp not holding pressure.	Worn screw mechanism, improper engagement of passive lock.	Ensure the handle is fully engaged and tightened. Inspect the screw and passive lock for wear. Contact BORA support if issues persist.
Jaws are marring the workpiece.	Pads are missing or damaged, excessive clamping force.	Check if the padded jaws are securely in place and undamaged. Replace if necessary. Reduce clamping force if appropriate for the material.

SPECIFICATIONS

Attribute	Detail
Brand	BORA
Model Number	571550
Material	Aluminum, Alloy Steel
Color	Orange
Style	Clamp Set
Item Weight	26.5 Pounds (for the set)
Tensile Strength	1100 Pounds (500 kg)
Item Dimensions (L x W x H)	6 x 5.25 x 40.25 inches (for longest clamp)
Included Components	2x 24" Parallel Clamps, 2x 31" Parallel Clamps
Country of Origin	China
UPC	814000019807
Date First Available	September 25, 2018

WARRANTY AND SUPPORT

BORA Parallel Clamps come with a **1-year warranty** from the date of purchase, covering manufacturing defects. For warranty claims, technical support, or any inquiries regarding your product, please visit the official BORA website or contact their customer service department.

Visit the BORA Store: [BORA Official Store](#)

