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› Pissente Mini Lathe Stabilizer Instruction Manual

Pissente Pissentezk3e6m8x74

Pissente Mini Lathe Stabilizer Instruction Manual

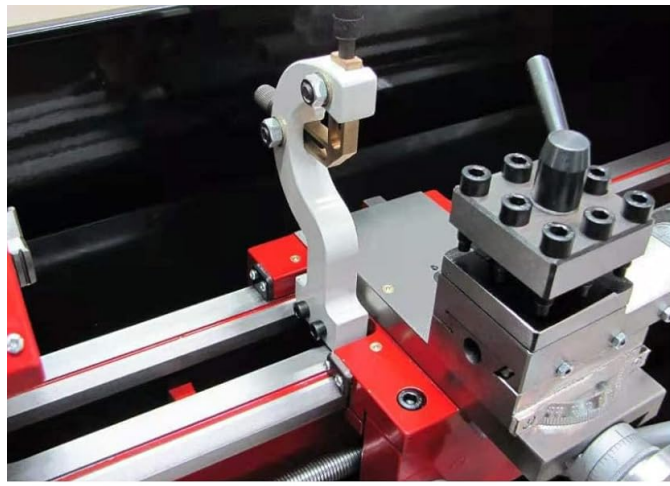
Model: Pissentezk3e6m8x74

Brand: Pissente

1. INTRODUCTION

This manual provides comprehensive instructions for the Pissente Mini Lathe Stabilizer, a compact and stationary accessory designed to enhance efficiency and stability during lathe operations. Constructed from premium metal with a robust design, this stabilizer is ideal for machining long workpieces and drilling center holes on flat surfaces, offering optimal support and increased rigidity.

The stabilizer is compatible with various mini lathe models, including 8x16, 210x400, 210x750, 210x800, 220x600, 220x750, MX 210, and WM 210.



Premium metal, gear appearance after rust treatment, robust.
Small lathe stabilizer:
Small lathe stabilizer to provide great convenience for your work.
Used for making center holes in the processing plane of longer workpieces



Image 1.1: The Pissente Mini Lathe Stabilizer, highlighting its premium metal construction and robust design, suitable for creating center holes in longer workpieces.

2. SAFETY INFORMATION

Always observe the following safety precautions when using the Mini Lathe Stabilizer:

- Read and understand this instruction manual completely before installation and operation.
- Always wear appropriate personal protective equipment (PPE), including safety glasses, during lathe operation.
- Ensure the lathe is powered off and disconnected from the power source before installing or adjusting the stabilizer.
- Verify that the stabilizer is securely mounted and all screws are tightened before beginning any work.
- Keep hands and clothing clear of moving parts during lathe operation.
- Do not exceed the recommended operating parameters of your lathe or the stabilizer.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Mini Lathe Bezel (Stabilizer)
- 2 x Screws for installation

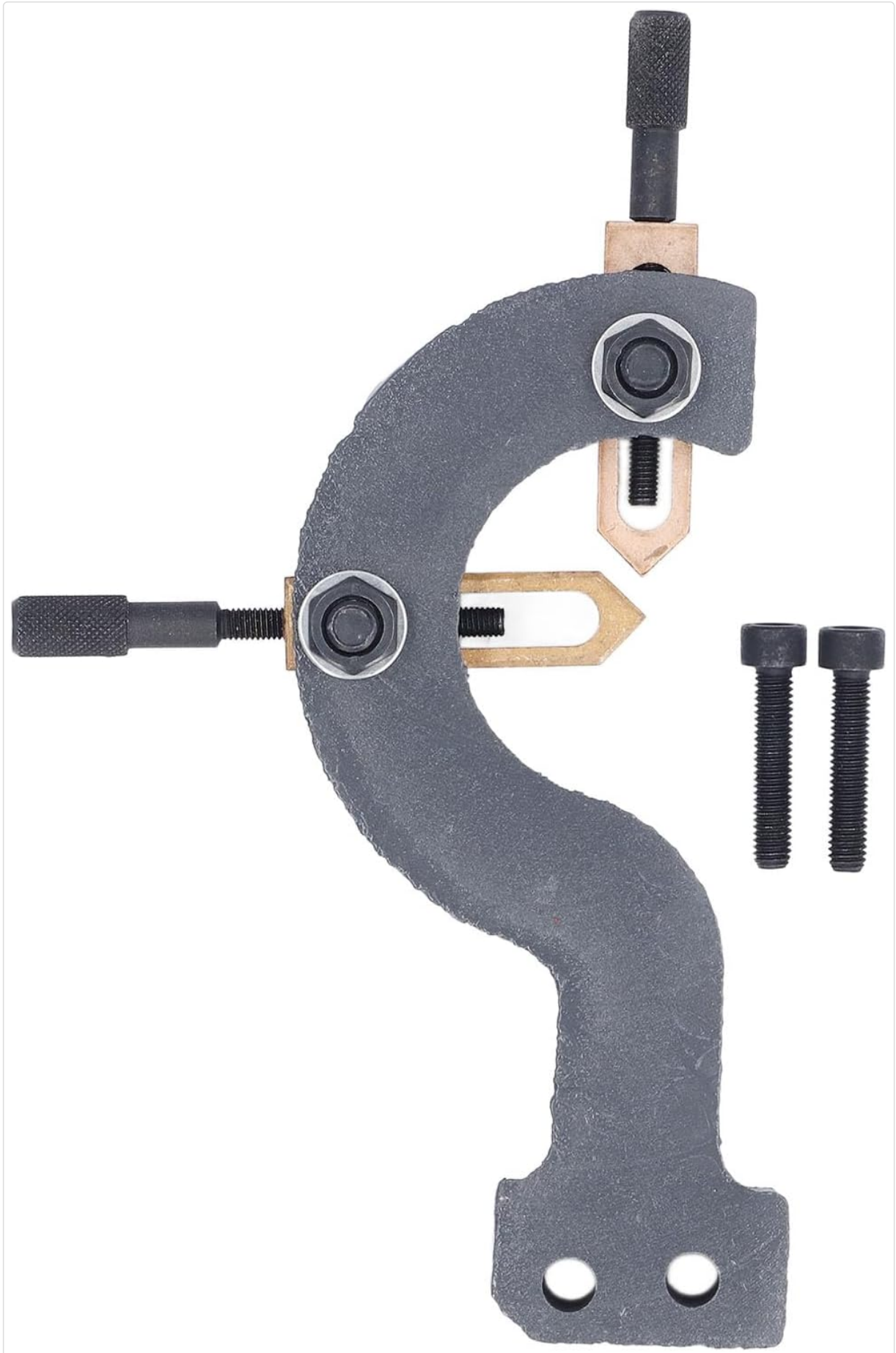


Image 3.1: The Mini Lathe Stabilizer shown with the two included screws for mounting.

4. SPECIFICATIONS

Feature	Specification
Item Type	Mini Lathe Bezel
Material	Aluminum Alloy, Iron, Copper
Item Weight	1.76 pounds
Package Dimensions	8.66 x 7.87 x 1.57 inches
Model Number	Pissentezk3e6m8x74
Compatibility	8x16, 210x400, 210x750, 210x800, 220x600, 220x750, MX 210, WM 210 mini lathes

5. INSTALLATION AND SETUP

The Pissente Mini Lathe Stabilizer features a user-friendly design for quick and easy installation on your compatible mini lathe. Follow these steps:

1. Ensure your lathe is turned off and unplugged from the power source.
2. Identify the mounting points on your lathe bed where the stabilizer will be attached.
3. Position the Mini Lathe Stabilizer onto the lathe bed.
4. Align the mounting holes of the stabilizer with the corresponding holes on the lathe bed.
5. Insert the provided screws through the stabilizer and into the lathe bed.
6. Tighten the screws securely to ensure the stabilizer is firmly attached and does not move during operation.



Image 5.1: The Mini Lathe Stabilizer correctly installed on a mini lathe, ready for operation.

6. OPERATING INSTRUCTIONS

The stabilizer provides crucial support for long workpieces and facilitates drilling center holes. Follow these general operating guidelines:

1. **Prepare Workpiece:** Clamp a piece of round steel or your desired workpiece onto the lathe chuck. Turn it to the approximate size required for machining.
2. **Correct Center:** Carefully correct the center of the outer circle of the workpiece. This ensures accuracy during subsequent operations.
3. **Mount Workpiece and Stabilizer:** Mount the workpiece on the lathe. Position the Mini Lathe Stabilizer to provide support to the workpiece. The two adjustable support points should be brought into contact with the workpiece to provide optimal support and increased rigidity.
4. **Adjust Support Points:** Use the adjustment screws on the stabilizer to gently bring the support points into firm contact with the workpiece. Do not overtighten, as this can deform the workpiece or cause excessive friction. The goal is to minimize vibration and deflection.
5. **Begin Machining:** With the workpiece securely supported, you can now proceed with machining operations, such as turning or drilling center holes. The stabilizer will help maintain accuracy and reduce chatter, especially on longer pieces.

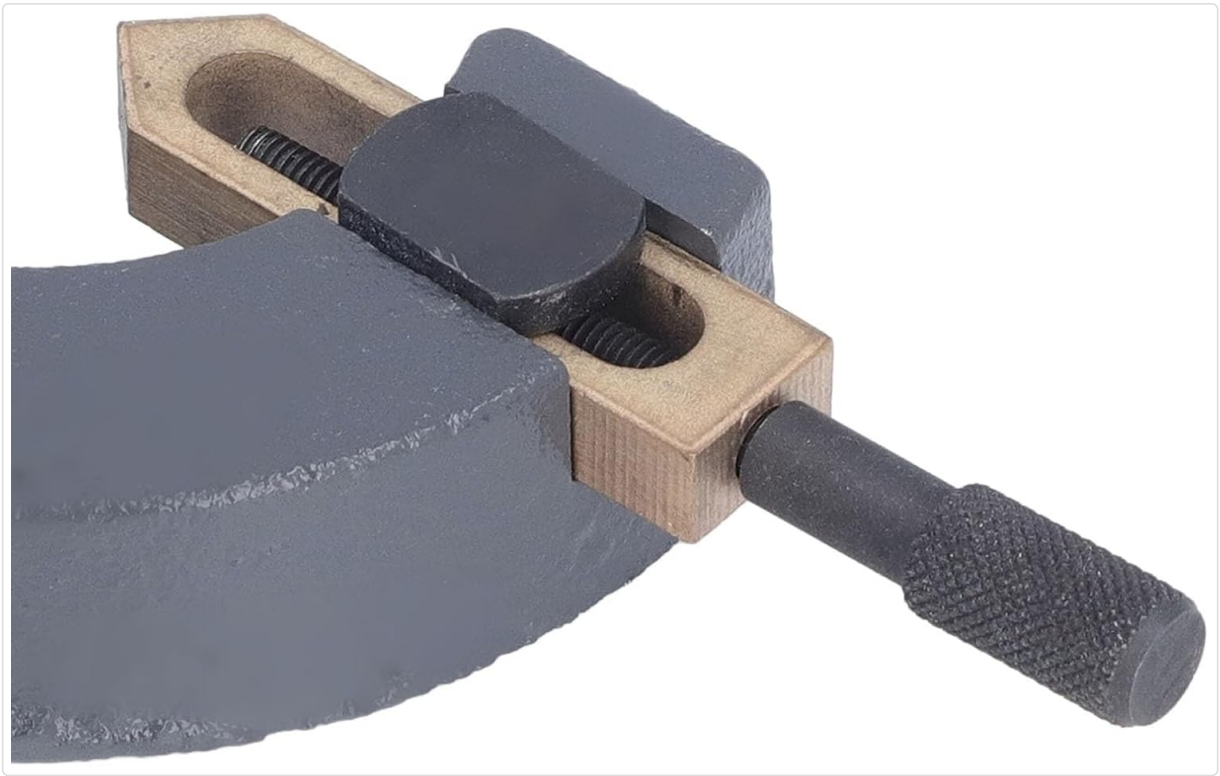


Image 6.1: A close-up view of the adjustable support points, which are crucial for securing the workpiece.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Pissente Mini Lathe Stabilizer, follow these maintenance guidelines:

- **Cleaning:** After each use, wipe down the stabilizer to remove any metal shavings, dust, or debris. Use a clean, dry cloth. For stubborn grime, a mild cleaner can be used, ensuring it does not corrode the metal.
- **Lubrication:** Periodically apply a light coat of machine oil to the adjustment screws and any other moving parts to ensure smooth operation and prevent rust.
- **Inspection:** Regularly inspect the stabilizer for any signs of wear, damage, or loose components. Check the integrity of the mounting screws and the support points. Replace any worn or damaged parts immediately.
- **Storage:** Store the stabilizer in a clean, dry environment when not in use to prevent corrosion and damage.

8. TROUBLESHOOTING

If you encounter issues with your Mini Lathe Stabilizer, consider the following:

- **Stabilizer is loose:** Ensure all mounting screws are securely tightened. Check for any debris preventing a flush mount.
- **Workpiece still vibrates/chatters:** Verify that the support points are properly adjusted and making firm contact with the workpiece. Ensure the workpiece itself is securely clamped in the lathe chuck. Reduce cutting depth or feed rate if necessary.
- **Difficulty adjusting support points:** Clean and lubricate the adjustment screws. Check for any obstructions or damage to the threads.
- **Damage to workpiece from support points:** Ensure the support points are not overtightened. Consider using protective material between the support points and the workpiece for delicate materials.

9. WARRANTY INFORMATION

For detailed warranty information regarding your Pissente Mini Lathe Stabilizer, please refer to the documentation provided at the time of purchase or contact Pissente customer support directly. Warranty terms typically cover manufacturing defects under normal use conditions.

10. CUSTOMER SUPPORT

If you require technical assistance, have questions about installation, operation, or maintenance, or need to report a problem with your Pissente Mini Lathe Stabilizer, please contact Pissente customer support. Have your model number (Pissentek3e6m8x74) and purchase information ready when contacting support.