

Saker GJ16478

Saker Chamfer Plane Instruction Manual

Model: GJ16478

Brand: Saker

1. INTRODUCTION

The Saker Chamfer Plane is a versatile woodworking tool designed for precise edge trimming and chamfering of various wood types. Its compact design and adjustable features make it suitable for both professional woodworkers and DIY enthusiasts. This manual provides essential information for the safe and effective use, setup, operation, and maintenance of your chamfer plane.

2. SAFETY INFORMATION

Always prioritize safety when operating any woodworking tool. Failure to follow these safety guidelines may result in injury or damage to the tool or workpiece.

- **Wear Eye Protection:** Always wear safety glasses or goggles to protect your eyes from wood chips and debris.
- **Keep Hands Clear:** Ensure your hands are always clear of the cutting blade during operation.
- **Secure Workpiece:** Always secure the workpiece firmly to prevent movement during planing. Use clamps or a vise if necessary.
- **Inspect Tool:** Before each use, inspect the chamfer plane for any damage, loose parts, or dull blades. Do not use a damaged tool.
- **Sharp Blades:** Handle blades with extreme care. They are very sharp and can cause severe cuts.
- **Proper Storage:** Store the tool in a dry, safe place, out of reach of children and unauthorized users.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x Saker Chamfer Plane
- 1x Cutter Head (Round)

- 1x Auxiliary Locator
- 1x Hex Key (for adjustments)



Image 3.1: The Saker Chamfer Plane with its round cutter head, auxiliary locator, and hex key.

4. PRODUCT OVERVIEW

The Saker Chamfer Plane features a durable body, an adjustable cutting blade, and integrated leveling bubbles for accuracy.

- **Main Body:** Constructed from alloy steel and aluminum for durability.
- **Cutter Head:** Interchangeable carbon steel blade for various profiles.
- **Adjustment Knob:** Allows for precise control over cutting depth.
- **Auxiliary Locator:** Provides additional stability and guidance during use.
- **Leveling Bubbles:** Integrated horizontal and vertical bubbles assist in maintaining proper alignment for accurate cuts.



Image 4.1: Detail of the chamfer plane showing the horizontal and vertical leveling bubbles for precise alignment.

5. SETUP

5.1 Blade Installation and Adjustment

1. Using the provided hex key, loosen the screws securing the blade cover.
2. Carefully insert the desired cutter head into its slot. Ensure it is seated correctly.
3. Tighten the screws to secure the blade. Do not overtighten.

5.2 Adjusting Cutting Depth

The cutting depth can be adjusted to suit your specific woodworking requirements.

1. Locate the depth adjustment knob on the side of the plane.
2. Turn the knob clockwise to decrease the cutting depth or counter-clockwise to increase it.
3. Make small adjustments and test on a scrap piece of wood until the desired depth is achieved.

ADJUSTABLE DEPTH

The cutting depth can be adjusted according to the working requirements.



Image 5.1: Adjusting the cutting depth using the knob on the chamfer plane.



Image 5.2: The chamfer plane disassembled, illustrating the process of inserting or removing a cutter head.

6. OPERATING INSTRUCTIONS

Follow these steps for effective and safe operation of your Saker Chamfer Plane.

6.1 General Planing Technique

1. Ensure your workpiece is securely clamped or held.
2. Position the chamfer plane on the edge of the wood, ensuring the base is flat against the surface.
3. Apply even pressure and push the plane smoothly along the edge in the direction of the wood grain.
4. Repeat passes, adjusting the depth as needed, until the desired chamfer or edge profile is achieved.



SAKER CHAMFER PLANE

Image 6.1: Demonstrating the chamfer plane in action, creating a smooth, angled edge on a wooden board.



Image 6.2: The chamfer plane being used to trim and shape the edge of a wooden board.

6.2 Instructional Videos

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Video 6.1: This video demonstrates the chamfering capabilities of the Saker Chamfer Plane, showing how to achieve smooth, angled edges on wood.

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Video 6.2: This video illustrates how the Saker Chamfer Plane can enhance efficiency in woodworking tasks, showcasing its practical application.

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Video 6.3: A demonstration of the Saker Chamfer Plane's suitability for quick edge trimming of various wooden materials.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your chamfer plane.

- **Cleaning:** After each use, clear all wood chips and dust from the plane body and blade area. A brush or compressed air can be used.
- **Blade Care:** The carbon steel blades are designed for durability. If the blade becomes dull or damaged, it can be sharpened or replaced. Refer to Section 5.1 for blade replacement.
- **Lubrication:** Periodically apply a light coat of machine oil to moving parts and metal surfaces to prevent rust and ensure smooth operation.
- **Storage:** Store the chamfer plane in a dry environment to prevent corrosion. Consider using a blade guard or storing it in its original packaging to protect the blade.

8. TROUBLESHOOTING

If you encounter issues with your Saker Chamfer Plane, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Blade not cutting cleanly or leaving rough edges.	Dull or damaged blade; incorrect cutting depth.	Sharpen or replace the blade. Adjust the cutting depth to a shallower setting.
Uneven cuts or gouging.	Inconsistent pressure; workpiece not secure; blade misalignment.	Apply even pressure. Secure the workpiece firmly. Re-check blade installation and alignment.
Blade loosens during use.	Screws not tightened sufficiently.	Ensure all blade retaining screws are tightened securely with the hex key.

9. SPECIFICATIONS

- **Brand:** Saker
- **Model Number:** GJ16478
- **Material:** Alloy Steel, Aluminum
- **Color:** Black
- **Product Dimensions:** 6.08"L x 1.97"W x 0.79"H
- **Power Source:** Manual
- **Base Material:** Aluminum Alloy
- **Item Weight:** 14.1 ounces

10. WARRANTY AND SUPPORT

For warranty information, product support, or to inquire about replacement parts, please contact Saker customer service directly. Refer to the product packaging or the official Saker website for contact details.