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› Instruction Manual for FOXBC 12-1/2-Inch x 3/4-Inch x 1/8-Inch Planer Blades

FOXBC FOXBC-12-1/2-Inch x 3/4-Inch x 1/8-Inch

Instruction Manual for FOXBC 12-1/2-Inch Planer Blades

Model: FOXBC-12-1/2-Inch x 3/4-Inch x 1/8-Inch

1. INTRODUCTION

Thank you for choosing FOXBC Planer Blades. This manual provides essential information for the proper installation, operation, and maintenance of your new planer blades. Designed for precision and durability, these blades are compatible with VEVOR Mophorn Mb1931 Emb1931 and Craftsman 12-1/2 Inches Planers.

Please read this manual thoroughly before use to ensure safe and efficient operation and to maximize the lifespan of your blades.

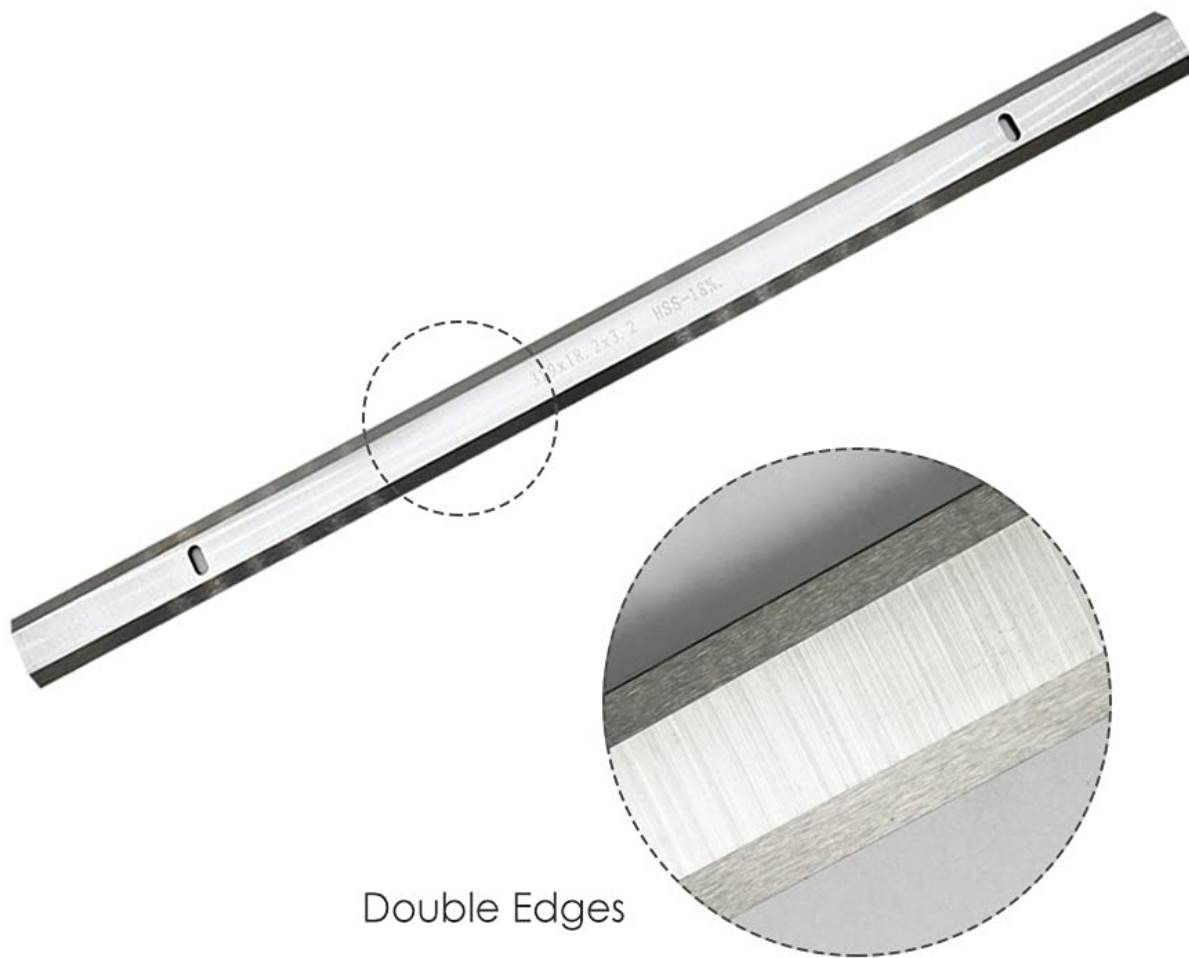
2. PRODUCT OVERVIEW

The FOXBC 12-1/2-Inch Planer Blades are high-quality replacement knives engineered for superior performance in woodworking applications. Key features include:

- **Dimensions:** 12-1/2-Inch x 3/4-Inch x 1/8-Inch (319x18.2x3.2mm).
- **Compatibility:** Specifically designed for VEVOR Mophorn Mb1931 Emb1931 and Craftsman 12-1/2 Inches Planers.
- **Material:** Manufactured from T1 (18%) High Speed Steel for extended sharpness and durability.
- **Double Edges:** Each blade features two cutting edges, allowing for extended use by simply flipping the blade when one edge becomes dull.
- **Packaging:** Supplied as a set of two blades in a protective plastic case for safe storage and transport.



Figure 2.1: Overview of the FOXBC 12-1/2-Inch Planer Blades (Set of 2).



Double Edges

Figure 2.2: Detail of the double-edged design on a FOXBC planer blade.

3. SPECIFICATIONS

Attribute	Value
Product Dimensions	12.5 x 0.75 x 0.04 inches (319x18.2x3.2mm)
Item Weight	0.26 Kilograms (9.14 ounces)
Material	T1 High Speed Steel (18% Tungsten)
Blade Edges	Double Edged

Attribute	Value
Color	Silver
Compatible Material	Wood
Quantity	Set of 2
Model Number	FOXBC-12-1/2-Inch x 3/4-Inch x 1/8-Inch
UPC	723258698774

4. SETUP AND INSTALLATION

Replacing planer blades requires careful attention to safety and precision. Always refer to your planer's specific instruction manual for detailed blade replacement procedures, as steps may vary between models.

Safety Precautions:

- **Disconnect Power:** Always unplug your planer from the power source before attempting any maintenance or blade replacement.
- **Wear Protective Gear:** Use heavy-duty gloves to protect your hands from sharp blade edges. Safety glasses are also recommended.
- **Handle with Care:** Blades are extremely sharp. Handle them only by their non-cutting edges or protected areas.

General Installation Steps:

1. **Access Blade Head:** Open the planer's blade access cover according to your planer's manual.
2. **Remove Old Blades:** Loosen the screws or clamps holding the old blades in place. Carefully remove the dull blades. Dispose of old blades safely.
3. **Clean Blade Seat:** Thoroughly clean the blade seat and clamping mechanism to remove any sawdust, resin, or debris. A clean surface ensures proper blade seating and alignment.
4. **Install New Blades:** Carefully insert the new FOXBC planer blades into the blade head. Ensure the blades are seated correctly and aligned with any alignment pins or guides on your planer.
5. **Secure Blades:** Tighten the clamping screws evenly and securely. Do not overtighten. Ensure the blades are flush and parallel with the outfeed table. Many planers have a blade setting jig or gauge for this purpose.
6. **Test Rotation:** Manually rotate the cutter head to ensure the blades clear all components and are properly secured.
7. **Close Cover:** Close and secure the blade access cover.



Figure 4.1: Close-up of blade edges, emphasizing sharpness for careful handling during installation.

5. OPERATING GUIDELINES

Once the new blades are installed, follow your planer's operating instructions. These blades are designed for optimal performance when used correctly.

- **Material Compatibility:** These blades are designed for planing wood. Do not use them on metal, plastic, or other non-wood materials.
- **Feed Rate:** Adjust the feed rate of your planer according to the type of wood and desired finish. Slower feed rates generally result in a smoother finish.
- **Depth of Cut:** Avoid taking excessively deep cuts, especially with hard woods. Multiple shallow passes are often better for blade longevity and finish quality.
- **Inspect Wood:** Before planing, inspect wood for foreign objects like nails, screws, or staples, which can severely

damage blades.

- **Blade Flipping:** When one edge of the double-edged blade becomes dull, carefully remove the blade (following safety precautions) and flip it to utilize the fresh cutting edge.

6. MAINTENANCE

Proper maintenance will extend the life and performance of your FOXBC planer blades.

- **Cleaning:** After each use, clean the blades and the cutter head area to remove sawdust and resin buildup. Resin can cause friction and dull blades faster. Use a suitable resin cleaner if necessary.
- **Storage:** When not in use, store the blades in their original plastic case to protect the cutting edges from damage and corrosion. Store in a dry environment.
- **Inspection:** Regularly inspect blades for nicks, chips, or excessive dullness. Replace or flip blades as needed.
- **Sharpening:** While these blades are double-edged for extended life, they are not typically designed for sharpening by the end-user. Once both edges are dull, replace the set.

7. TROUBLESHOOTING

If you encounter issues with your planer's performance after installing new blades, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Rough or Tear-out Finish	Dull blades; incorrect blade height; too deep a cut; wood grain issues.	Flip or replace blades; re-check blade installation and height; reduce depth of cut; adjust feed direction relative to grain.
Snipe (Deeper cut at ends of board)	Improper planer setup; infeed/outfeed table misalignment.	Refer to your planer's manual for table adjustment and proper support of workpieces.
Blades not cutting evenly	Blades not seated properly; debris under blades; unevenly tightened clamps.	Re-install blades, ensuring clean blade seats and even tightening of screws.
Excessive vibration or noise	Unbalanced cutter head (due to missing or improperly installed blade); loose components.	Ensure both blades are installed and secured correctly. Check other planer components.

If problems persist, consult your planer's user manual or contact FOXBC customer support.

8. WARRANTY AND SUPPORT

FOXBC stands behind the quality of its products. While specific warranty details for consumable items like planer blades may vary, we strive to ensure customer satisfaction.

- **Quality Assurance:** These blades are manufactured from T1 High Speed Steel to provide long life and reliable performance.
- **Returns:** If you receive blades that are defective or damaged upon arrival, please contact your retailer or FOXBC customer service immediately for assistance.
- **Customer Support:** For any questions regarding product compatibility, installation, or performance, please visit the official FOXBC store on Amazon or contact their customer support channels.
- **Online Store:** [Visit the FOXBC Store on Amazon](#)

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