Makita D-46246

Makita D-46246 TC Double Edged Planer Blade Set Instruction Manual

Model: D-46246

Introduction

This manual provides essential information for the safe and effective use of your Makita D-46246 TC Double Edged Planer Blade Set. These tungsten-carbide blades are designed for use with Makita and select competitor 3-1/4" planers, offering a double-edged design for extended life and consistent performance. Please read this manual thoroughly before installation and operation.

Safety Information

Always prioritize safety when working with power tools and sharp objects. Failure to follow these safety guidelines may result in serious injury.

- **Disconnect Power:** Always disconnect the planer from the power source before installing, removing, or inspecting blades.
- **Wear Protective Gear:** Use appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection.
- **Handle Blades Carefully:** Planer blades are extremely sharp. Handle them by the non-cutting edges or wear cut-resistant gloves to prevent injury.
- **Inspect Blades:** Before each use, inspect blades for damage, cracks, or excessive wear. Do not use damaged blades.
- **Secure Installation:** Ensure blades are correctly seated and securely fastened according to your planer's specific instructions. Loose blades can be ejected at high speed.
- **Keep Work Area Clear:** Maintain a clean and well-lit work area. Remove any debris or obstructions that could interfere with operation.
- **Read Planer Manual:** Always refer to your specific planer's instruction manual for detailed blade installation and operation procedures.

Setup: Blade Installation

The Makita D-46246 blades are designed for straightforward replacement in compatible 3-1/4" planers. Always consult your planer's specific manual for precise installation steps, as procedures may vary slightly between models.

1. **Prepare the Planer:** Ensure the planer is unplugged. Place the planer on a stable surface.
2. **Access Blade Drum:** Locate the blade drum access points on your planer. This usually involves opening a cover or removing screws.
3. **Remove Old Blades:** Carefully loosen the blade clamping screws or mechanisms. Use appropriate tools as specified by your planer's manual. Remove the old blades, handling them with extreme caution as they may still be sharp.
4. **Clean Blade Seat:** Thoroughly clean the blade seat and clamping area on the planer drum. Any debris can prevent proper blade seating and affect cutting performance.
5. **Install New Blades:** Insert the new Makita D-46246 blades into the blade seats. Ensure the cutting edge is facing the correct direction and the blade is properly aligned. These blades are double-edged, meaning either side can be used.
6. **Secure Blades:** Tighten the blade clamping screws or mechanisms firmly, but do not overtighten. Ensure both blades are set to the same height and are parallel to the planer's base. Some planers have a blade setting gauge for this purpose.
7. **Close Access:** Reattach any covers or screws removed to access the blade drum.
8. **Test Run:** After installation, perform a brief test run on a scrap piece of wood to ensure proper operation and cut quality before beginning your project.



Image: Two Makita D-46246 double-edged planer blades. These blades feature a reversible design, allowing for extended use by flipping them when one edge becomes dull.



Image: Packaging for Makita D-46246 blades, highlighting compatibility with Makita KP0800K and other 3-1/4" planer models from brands like Bosch, DeWalt, Freud, Hitachi, Ryobi, and Skil.

Operating Guidelines

Once the blades are installed, operate your planer according to its manufacturer's instructions. The Makita D-46246 blades are designed for smooth and efficient material removal.

- **Material Compatibility:** These blades are primarily designed for planing wood. Avoid planing materials with foreign objects (nails, staples) as this can damage the blades.
- **Feed Rate:** Maintain a consistent and appropriate feed rate for the material being planed. Forcing the planer

or feeding too quickly can lead to poor cut quality and premature blade wear.

- **Depth of Cut:** Adjust the depth of cut according to your project needs and the capacity of your planer. Multiple shallow passes are often better than one deep pass for optimal finish and blade longevity.
- **Cleanliness:** Keep the planer's chip ejection port clear during operation to prevent clogging and ensure efficient chip removal.

Maintenance

Proper maintenance extends the life of your planer blades and ensures consistent performance.

- **Cleaning:** After each use, disconnect the planer and carefully clean any resin or wood residue from the blades and blade drum. A soft brush or a specialized blade cleaner can be used.
- **Inspection:** Regularly inspect the blade edges for signs of dullness, nicks, or damage.
- **Reversible Design:** When one cutting edge becomes dull, simply reverse the blade to utilize the second sharp edge. This effectively doubles the lifespan of each blade.
- **Replacement:** Replace both blades simultaneously when both edges are dull or if a blade is damaged. Using blades with uneven wear can lead to unbalanced operation and poor cut quality.
- **Storage:** Store spare blades in their original packaging or a protective case to prevent damage and corrosion.

Troubleshooting

If you encounter issues while using your planer with these blades, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Rough or Uneven Cut	Dull blades; improperly installed blades; debris on blade seat.	Reverse or replace blades; ensure blades are seated correctly and tightened; clean blade seat.
Excessive Vibration	Unbalanced blades (e.g., one dull, one sharp); loose blades; damaged blades.	Replace both blades simultaneously; ensure blades are securely fastened; inspect for damage.
Blade Chipping/Damage	Planing material with foreign objects (nails, screws); hitting hard knots; improper feed rate.	Inspect material before planing; adjust feed rate; replace damaged blades.
Planer Not Cutting	Blades installed backward; blades too dull; depth of cut set too shallow.	Check blade orientation; reverse or replace blades; increase depth of cut.

If problems persist, refer to your planer's specific instruction manual or contact Makita customer support.

Specifications

Feature	Detail
Model Number	D-46246
Blade Material	Tungsten Carbide

Feature	Detail
Blade Type	Double Edged, Reversible
Blade Length	3-1/4 inches (82 mm)
Quantity	Set of 2 blades
Compatible Planers	Makita KP0800K and select competitor 3-1/4" planers (e.g., Bosch, DeWalt, Freud, Hitachi, Ryobi, Skil)
Product Dimensions	6.25"L x 2.75"W (packaging)
Item Weight	0.8 ounces (total package)
UPC	088381413169

Warranty and Support

For information regarding warranty coverage, technical support, or replacement parts for your Makita D-46246 planer blades, please refer to the official Makita website or contact Makita customer service directly. Keep your purchase receipt as proof of purchase.
You can visit the official Makita store for more information:Makita Official Store

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