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## Makita D-66020

# Makita D-66020 Brush Cutter Blade Instruction Manual

Model: D-66020

## 1. Introduction

This manual provides essential instructions for the safe and effective use of the Makita D-66020 Brush Cutter Blade. The D-66020 is a 9-inch (230mm) steel blade designed for clearing various types of vegetation, including thorn bushes, herbaceous grasses, rotted shrubs, thin woody plants, and tangled vines. Please read this manual thoroughly before installation and operation to ensure proper handling and to prevent injury or damage.

## 2. Safety Information

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

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses or a face shield, hearing protection, heavy-duty gloves, long pants, and sturdy footwear.
- **Machine Compatibility:** Ensure the D-66020 blade is compatible with your brush cutter model. Refer to your brush cutter's manual for approved blade types and installation procedures.
- **Inspection:** Before each use, inspect the blade for cracks, bends, dullness, or any other damage. Never use a damaged blade.
- **Secure Installation:** Ensure the blade is correctly and securely mounted according to your brush cutter's instructions. A loose blade can cause severe injury.
- **Work Area:** Clear the work area of bystanders, pets, and any debris that could be thrown by the blade. Maintain a safe distance from others.
- **Kickback Prevention:** Be aware of the risk of kickback. Avoid striking solid objects like rocks, metal, or thick tree trunks.
- **Storage:** Store the blade in a safe, dry place, out of reach of children and unauthorized users.

## 3. Setup and Installation

Proper installation is crucial for safe operation. Always refer to your brush cutter's specific instruction manual for detailed steps on blade attachment.

1. **Power Off:** Ensure the brush cutter engine is off and the spark plug cap is disconnected (for gasoline models) or the battery is removed (for cordless models) before attempting any installation.
2. **Remove Old Blade (if applicable):** Follow your brush cutter's manual to safely remove any existing cutting attachment.
3. **Position the Blade:** Place the Makita D-66020 blade onto the brush cutter's drive shaft, ensuring the central bore aligns correctly with the shaft and any necessary washers or flanges. The blade should be oriented so that the cutting edges face the direction of rotation.
4. **Secure Fasteners:** Install the retaining nut or bolt and tighten it securely using the appropriate tools. Ensure it is torqued to the manufacturer's specifications to prevent loosening during operation.
5. **Check for Play:** After installation, manually rotate the blade to ensure it is firmly attached and spins freely without wobble or excessive play.



Image 1: Makita D-66020 Brush Cutter Blade. This image illustrates the blade's design, including its 3-tooth configuration and dimensions (230mm diameter, 25.4mm bore), as seen in its retail packaging.

## 4. Operating Instructions

Once the blade is securely installed and all safety checks are complete, you can begin operation.

- **Start Safely:** Start the brush cutter according to its manufacturer's instructions. Allow the engine to warm up briefly.
- **Maintain Control:** Hold the brush cutter firmly with both hands. Maintain a balanced stance and be aware of your surroundings.
- **Cutting Technique:** Use a sweeping motion to cut through vegetation. For thicker material, approach gradually and allow the blade to reach full speed before engaging.
- **Avoid Overloading:** Do not force the blade through excessively dense or thick material. This can cause the blade to bind, leading to kickback or damage to the blade and brush cutter.
- **Clear Debris:** Periodically stop the brush cutter and clear any accumulated debris from around the blade and guard. Always ensure the engine is off and the blade has stopped completely before clearing.

## 5. Maintenance and Care

Regular maintenance extends the life of your blade and ensures safe operation.

- **Cleaning:** After each use, clean the blade thoroughly to remove sap, dirt, and debris. Use a stiff brush and appropriate cleaning agents if necessary.
- **Sharpening:** The blade may require sharpening over time. If you are not experienced in blade sharpening, it is recommended to have it professionally sharpened or replaced. A dull blade reduces efficiency and increases strain on the brush cutter.
- **Inspection:** Regularly inspect the blade for any signs of wear, cracks, or deformation. Replace the blade immediately if any damage is found.
- **Storage:** Apply a light coat of rust-preventative oil to the blade before storing it in a dry, secure location.

## 6. Troubleshooting

This section addresses common issues you might encounter with the D-66020 blade.

Problem	Possible Cause	Solution
Poor Cutting Performance	Dull blade, incorrect cutting technique, blade clogged with debris.	Sharpen or replace blade. Adjust cutting technique. Clean blade and guard.
Excessive Vibration	Blade improperly installed, damaged blade, unbalanced blade.	Re-check blade installation and tighten fasteners. Inspect blade for damage and replace if necessary.
Blade Overheating	Forcing the blade through thick material, prolonged use without breaks.	Reduce cutting load. Allow blade to cool. Ensure proper cutting technique.

## 7. Specifications

Feature	Detail
Model Number	D-66020

Feature	Detail
Blade Diameter	230mm (9 inches)
Bore Diameter	25.4mm
Blade Thickness	2.0mm
Number of Teeth	3
Material	Steel
Weight	Approximately 14.4 ounces (0.41 kg)

## 8. Warranty and Support

For information regarding warranty coverage, service, or technical support for your Makita D-66020 Brush Cutter Blade, please refer to the official Makita website or contact Makita customer service directly. Always retain your proof of purchase for warranty claims.

You can visit the official Makita store for more information: [Makita Official Store](#)

