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› VEVOR Oscillating Saw Blades Instruction Manual

VEVOR 50 PCS Oscillating Saw Blades

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Model: 50 PCS Oscillating Saw Blades

Brand: VEVOR

1. PRODUCT OVERVIEW

The VEVOR 50 PCS Oscillating Saw Blades set provides a versatile collection of multitool blades designed for various cutting, shaping, and carving tasks. These blades are engineered for broad compatibility with most major oscillating tool brands and are constructed from durable materials for extended lifespan and precise performance.

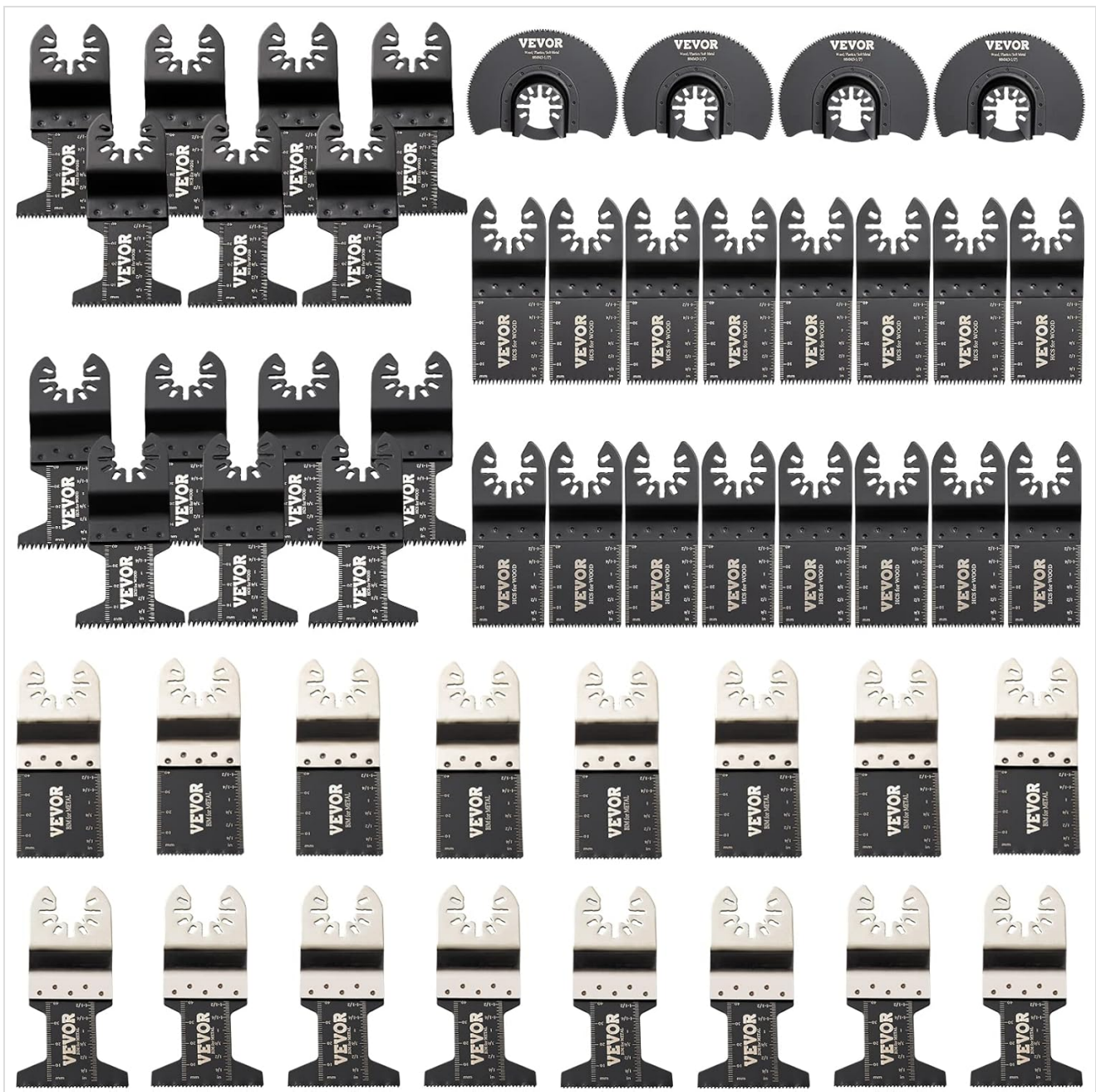


Figure 1.1: Overview of the 50-piece VEVOR Oscillating Saw Blade set, showcasing the variety of blades included.

Package Content:

- 50 x Oscillating Saw Blades
- 1 x Plastic Storage Box

2. KEY FEATURES

- **Broad Compatibility:** Our oscillating saw blades are designed to fit most oscillating tool brands, including Fein Multimaster, Porter Cable, Rockwell, Ryobi, Milwaukee, Hitachi, Black & Decker, Chicago, Craftsman, and Dewalt.
- **Diverse Blade Types:** This multitool blades kit includes 7 distinct types of saw blades, such as bi-metal, precision, standard, and semi-circular blades.
- **Durable Construction:** Constructed from high-carbon steel (HCS) with a hardness of 45-47 HRC and robust stainless steel holders, ensuring excellent wear resistance and prolonged lifespan.
- **Precision Cutting:** Each blade features built-in length markers on both sides, with both metric and imperial

measurements for accurate cuts.

- **Effortless Installation:** Designed for easy installation and quick release mechanisms on compatible oscillating tools.



Figure 2.1: Detail of blade features, including hardness rating and dual measurement scales for precision.

3. COMPATIBILITY

These VEVOR oscillating saw blades are engineered for universal compatibility with a wide range of oscillating multitools. This ensures that users with different brands of tools can utilize this versatile blade set.

Compatible Tool Brands Include:

- Fein Multimaster
- Porter Cable
- Rockwell
- Ryobi

- Milwaukee
- Hitachi
- Black & Decker
- Chicago
- Craftsman
- Dewalt
- And many other quick-release oscillating tools.

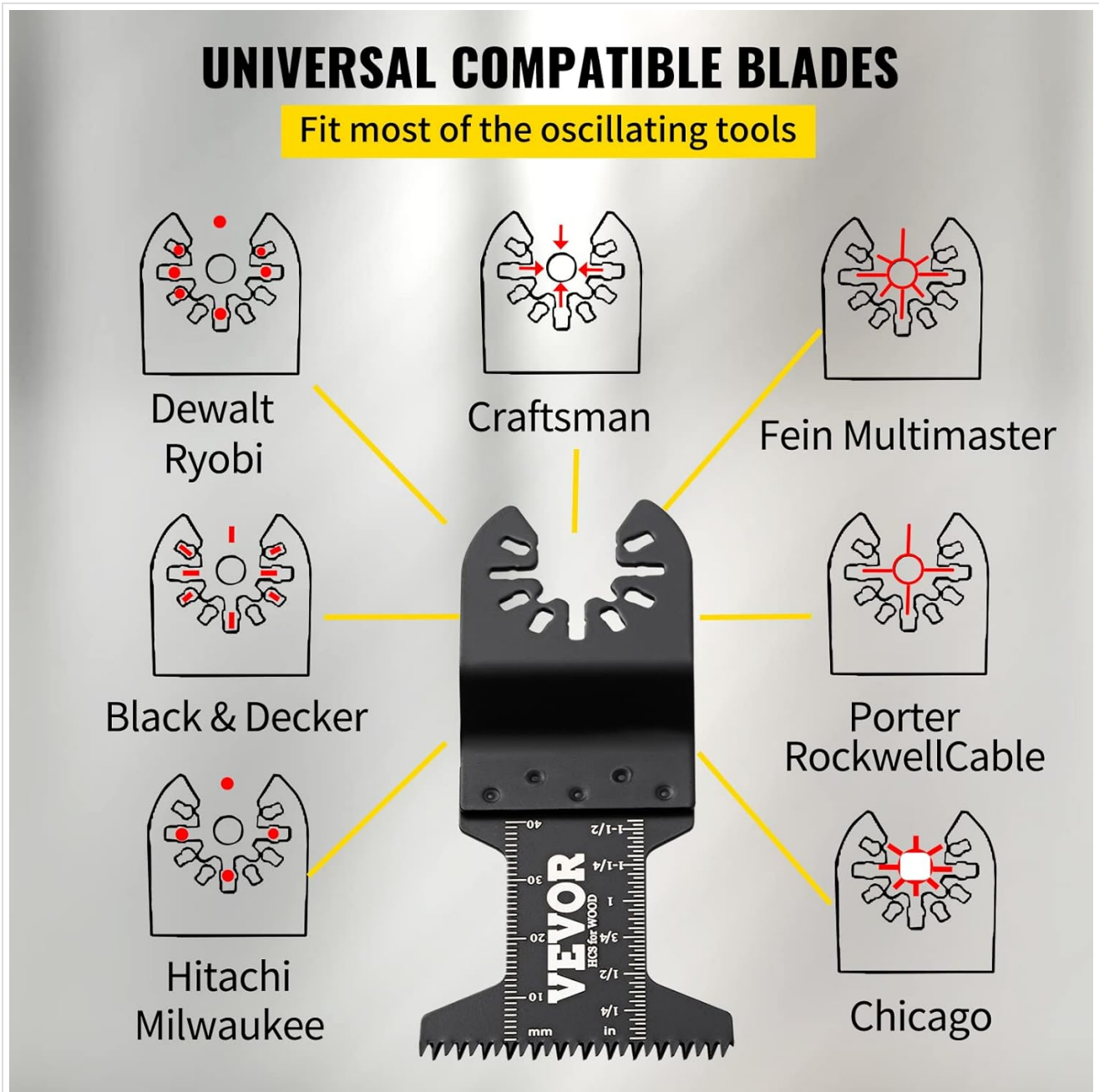


Figure 3.1: Visual representation of the universal compatibility of VEVOR oscillating blades with various tool interfaces.

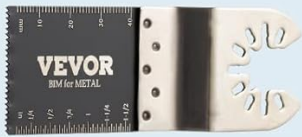
4. TYPES OF BLADES INCLUDED

The 50-piece set includes a variety of blade types, each optimized for specific cutting applications and materials. This comprehensive selection ensures you have the right blade for wood, plastic, and soft metals.

OSCILLATING MULTITOOL BLADES KIT

50PCS set provided to take on any challenge

8pcs



1-3/8" Bi-Metal Saw Blades

8pcs



1-3/8" Wood/Plastic/Soft Metal Saw Blades

8pcs



1-3/4" Bi-Metal Saw Blades

7pcs



1-3/4" Wood/Plastic/Soft Metal Saw Blades

4pcs



3-1/2" Semicircle Wood/
Plastic/Soft Metal
Saw Blades

7pcs



1-3/4" Precision Wood &
Plastic Saw Blades

8pcs



1-3/8" Precision Wood &
Plastic Saw Blades

Figure 4.1: Breakdown of the 7 distinct types of oscillating saw blades and their quantities within the 50-piece set.

Blade Types and Applications:

- **1-3/8" Bi-Metal Saw Blades (8 pcs):** Ideal for cutting wood, plastic, and soft metals like nails.
- **1-3/8" Wood/Plastic/Soft Metal Saw Blades (8 pcs):** General purpose blades for wood, plastic, and soft metal.
- **1-3/4" Bi-Metal Saw Blades (8 pcs):** Larger bi-metal blades for broader cuts in wood, plastic, and soft metals.
- **1-3/4" Wood/Plastic/Soft Metal Saw Blades (7 pcs):** Larger general purpose blades for wood, plastic, and soft metal.
- **3-1/2" Semicircle Wood/Plastic/Soft Metal Saw Blades (4 pcs):** Semicircular blades for flush cutting and larger area removal in wood, plastic, and soft metal.
- **1-3/4" Precision Wood & Plastic Saw Blades (7 pcs):** Designed for fine and precise cuts in wood and plastic.
- **1-3/8" Precision Wood & Plastic Saw Blades (8 pcs):** Smaller precision blades for detailed work in wood and plastic.

5. SPECIFICATIONS

Attribute	Detail
Material	High Carbon Steel (HCS), Stainless Steel
Hardness	45-47 HRC
Suitable for	Wood, Soft Metal, Plastic
Blade Types	7 distinct types
Common Sizes	1-3/4", 1-3/8", 3-1/2"
Product Weight	2.5 Pounds (approx. 1.13 kg)
Product Dimensions	9.8 x 3.9 x 2.4 inches (approx. 24.9 x 9.9 x 6.1 cm)
Model Number	50 PCS Oscillating Saw Blades
Manufacturer	VEVOR

PRODUCT SPECIFICATIONS:

Blade Material: HCS & Stainless Steel
Product Weight: 2.5 lbs

VEVOR®

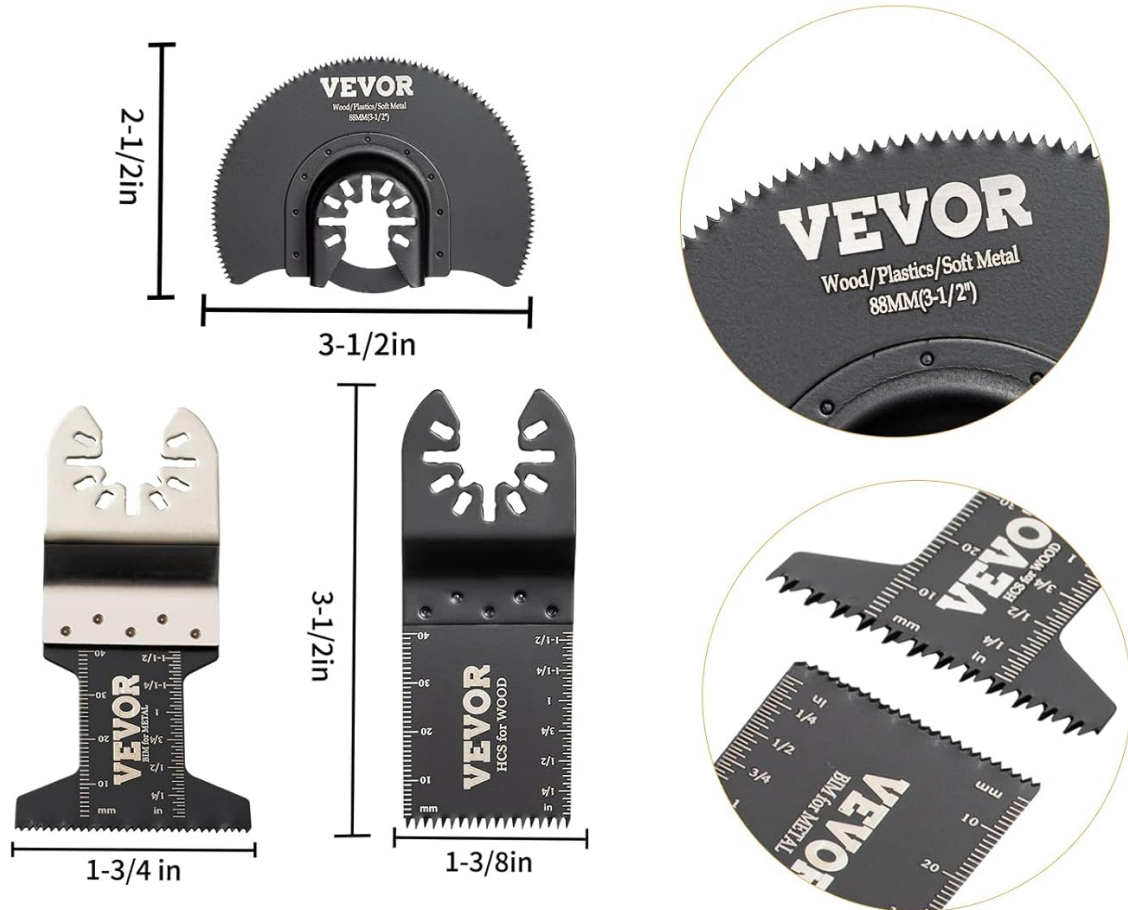


Figure 5.1: Key dimensions of various blade types for reference.

6. SETUP AND INSTALLATION

Installing VEVOR oscillating saw blades is designed to be quick and straightforward, thanks to their quick-release compatibility. Always ensure your oscillating tool is unplugged or has its battery removed before attempting to change blades.

Installation Steps:

1. **Prepare Tool:** Ensure your oscillating tool is powered off and disconnected from any power source.
2. **Open Clamp:** Locate the quick-release lever or screw mechanism on your oscillating tool's head. Open or loosen it to allow blade insertion.
3. **Insert Blade:** Align the mounting hole of the VEVOR blade with the tool's spindle. Ensure the blade is seated firmly and correctly.
4. **Secure Blade:** Close or tighten the quick-release mechanism until the blade is securely fastened and does not wobble. Test the blade's stability by gently wiggling it.

5. **Verify:** Double-check that the blade is properly aligned and tightly secured before operating the tool.

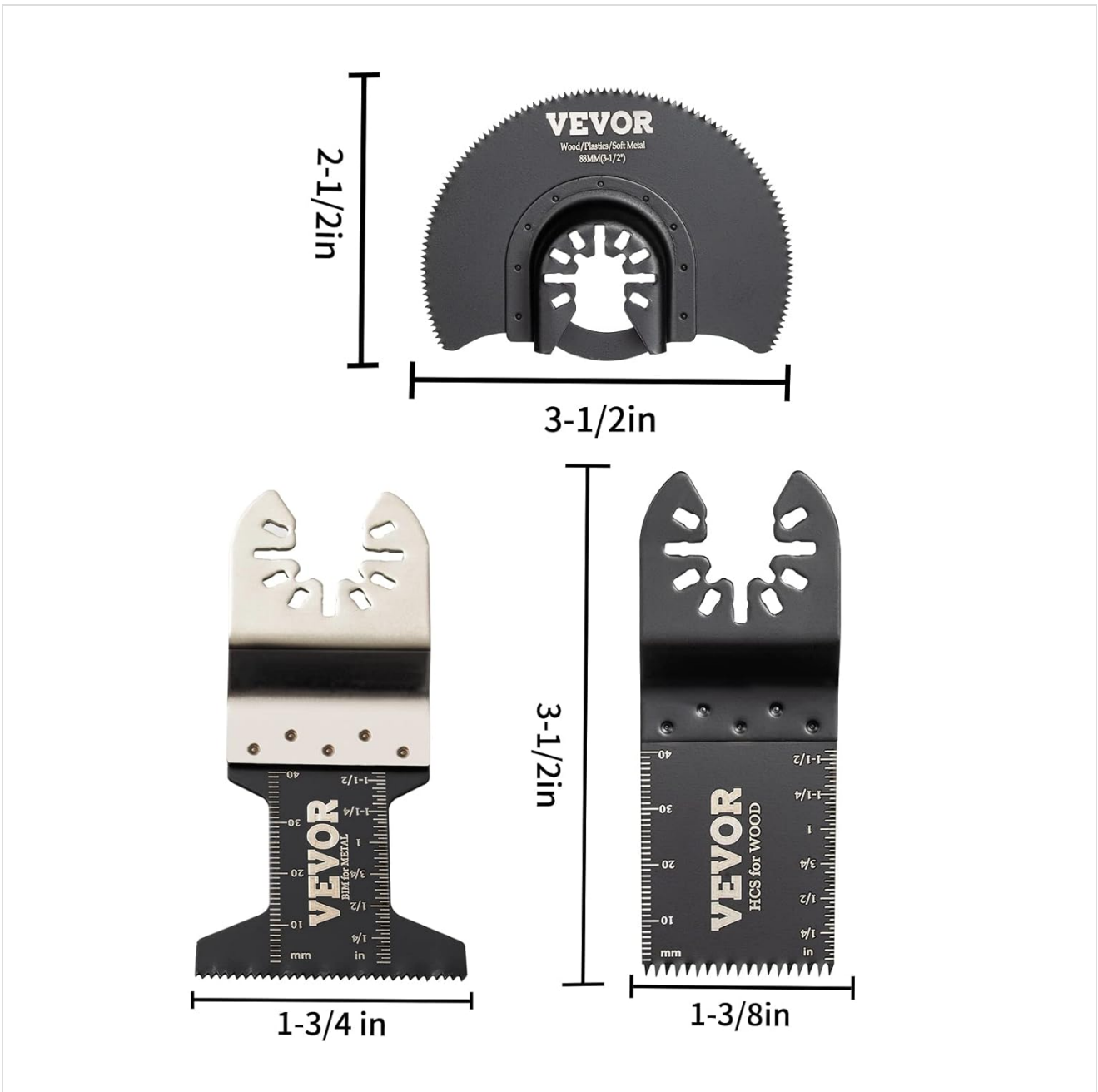


Figure 6.1: Step-by-step guide for quick and easy blade installation on an oscillating tool.

7. OPERATING INSTRUCTIONS

Proper operation of your oscillating tool with VEVOR blades ensures optimal performance, extends blade life, and enhances safety. Always wear appropriate personal protective equipment (PPE), including eye protection and gloves, when operating power tools.

General Usage Guidelines:

- **Material Selection:** Choose the correct blade type for the material you are cutting (wood, plastic, soft metal). Refer to Section 4 for blade applications.
- **Starting the Cut:** Position the blade gently against the workpiece. Start the tool and allow it to reach full speed before applying pressure.
- **Cutting Technique:** When cutting, gently pivot the machine left and right. This allows the saw teeth to engage

the material effectively and helps clear debris.

- **Avoid Excessive Pressure:** Do not press the machine directly down with excessive force. Applying too much downward pressure can lead to overheating of the blade and tool, premature wear, and reduced cutting efficiency. It can also cause vibration numbness.
- **Maintain Control:** Always maintain a firm grip on the tool and ensure stable footing.
- **Cooling:** For prolonged cuts or harder materials, allow the blade to cool periodically to prevent overheating.

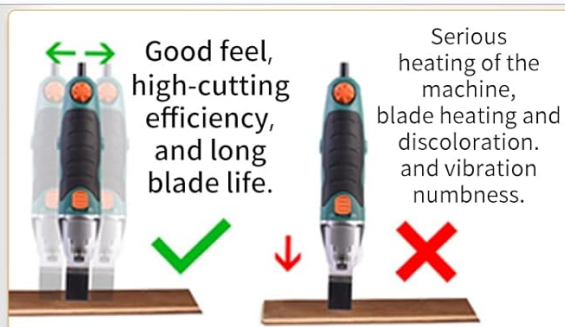
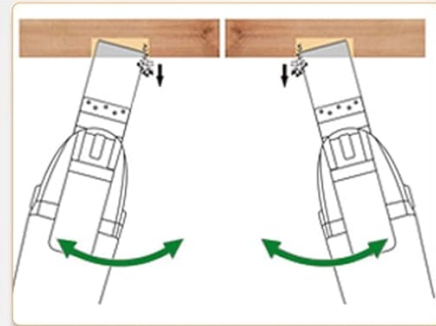
OPERATION GUIDANCE

To achieve the optimal working effect

Creating Holes in the Wood

Swing Left & Right

Wood chips are removed



Caress the machine to pan left and right.

Do not press the machine directly down.

Sawing Nails&Metal Plates

Oscillating the tool, allowing more sawtooth to aid in cutting

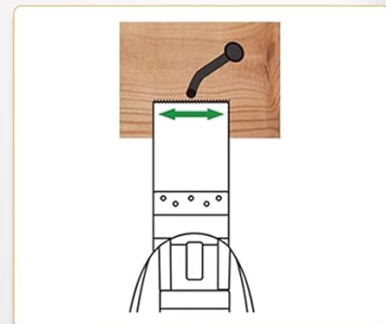


Figure 7.1: Guidance on proper cutting techniques to optimize performance and prevent tool damage.

Specific Applications:

- **Cutting Wood/Plastic:** Use appropriate wood/plastic blades. The oscillating action is effective for plunge cuts, flush cuts, and detailed shaping.
- **Cutting Soft Metal/Nails:** Use bi-metal blades for cutting through soft metals, small nails, or screws embedded in wood. Ensure the blade is rated for metal cutting.

OSCILLATING MULTITOOL BLADES

Cut through materials w/sharp blade easily



Figure 7.2: Examples of oscillating multitool blades in action, demonstrating their versatility across different materials.

8. MAINTENANCE

Proper maintenance of your VEVOR oscillating saw blades will ensure their longevity and continued performance.

- **Cleaning:** After each use, clean blades to remove sawdust, plastic residue, or metal shavings. A stiff brush can be used. For stubborn residue, a mild solvent may be applied, ensuring it does not damage the blade material.
- **Drying:** Ensure blades are completely dry before storage to prevent rust, especially for high-carbon steel blades.
- **Storage:** Store blades in the provided plastic box or a dry, secure location to protect them from moisture and physical damage. Keep them away from children.
- **Inspection:** Before each use, inspect blades for signs of wear, damage, or dullness. Replace dull or damaged blades immediately to ensure safe and efficient operation.

9. TROUBLESHOOTING

This section addresses common issues you might encounter when using VEVOR oscillating saw blades.

Common Issues and Solutions:

- **Blade Not Cutting Effectively:**
 - *Cause:* Blade is dull or incorrect blade type for material.
 - *Solution:* Replace with a new, sharp blade. Ensure you are using the appropriate blade (e.g., bi-metal for metal, precision for fine wood cuts).
- **Excessive Vibration or Noise:**
 - *Cause:* Blade not securely installed or damaged blade.
 - *Solution:* Check blade installation; ensure it is tightly secured. Inspect blade for bends or damage and replace if necessary.
- **Blade Overheating:**
 - *Cause:* Excessive pressure, incorrect blade for material, or continuous cutting without cooling.
 - *Solution:* Reduce pressure. Ensure blade is suitable for the material. Allow blade to cool periodically during prolonged use.
- **Blade Getting Stuck in Material:**
 - *Cause:* Incorrect cutting technique (e.g., pressing straight down), or material binding.
 - *Solution:* Use the recommended oscillating motion (swinging left and right). Ensure workpiece is clamped securely.

10. WARRANTY AND SUPPORT

For any questions, concerns, or support regarding your VEVOR Oscillating Saw Blades, please contact VEVOR customer service. Refer to the official VEVOR website or your purchase documentation for specific warranty details and contact information.

You can typically find support information on the VEVOR official website: www.vevor.com