

OLFA 157B

OLFA 157B Art Knife and Saw Set Instruction Manual

1. INTRODUCTION

The OLFA 157B Art Knife and Saw Set is designed for precision cutting in various crafting and art applications. This tool features a durable handle with a comfortable rubber grip and a secure blade holding mechanism. The set includes three distinct blade types to accommodate a wide range of tasks, from intricate detail work to general cutting.

2. SAFETY INFORMATION

WARNING: Blades are extremely sharp. Handle with extreme care to prevent injury.

- Always keep fingers away from the blade edge.
- Use the knife on a stable, protected surface.
- Ensure the blade is securely fastened before use.
- Always replace the protective cap on the blade when the knife is not in use.
- Store the knife and spare blades out of reach of children.
- Dispose of used blades safely in a designated container.

3. PACKAGE CONTENTS

Verify that all items are present in your OLFA 157B Art Knife and Saw Set package:

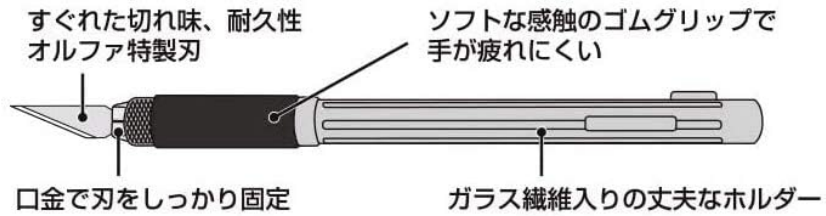
- 1 x OLFA 157B Art Knife Handle
- 2 x Pointed Angled Blades (installed and spare)
- 2 x Curved Scalpel Blades
- 2 x Chisel Blades
- 1 x Small Blade Storage Case



Image 3.1: The OLFA 157B Art Knife set, including the knife handle, three types of blades, and a compact blade storage case.

4. PRODUCT OVERVIEW

The OLFA 157B Art Knife is engineered for comfort and precision. It features a robust handle with a soft rubber grip to reduce hand fatigue during extended use. The blade is held firmly in place by a brass collet. The design also includes an anti-roll feature at the end of the handle to prevent the knife from rolling off surfaces.



3種類の付属刃

直線刃 切り抜く・切る・削る
刃厚 0.5mm



曲線刃 押さえて切る・滑らせて切る
刃厚 0.45mm



平刃 彫り込み・表面仕上げ
刃厚 0.55mm



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Image 4.1: A diagram illustrating the overall dimensions of the OLFA 157B Art Knife, highlighting the rubber grip for comfort and the secure blade holding mechanism.

付属している刃について

直線刃: 2枚



曲線刃: 2枚



平刃: 2枚



※表記寸法には一定の公差があります。

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Image 4.2: A detailed view of the three blade types included with the OLFA 157B set: straight, curved, and chisel blades, along with their respective dimensions and thickness.

5. SETUP: BLADE INSTALLATION

To install or replace a blade:

1. Unscrew the brass collet (the knurled metal part) at the tip of the knife handle by turning it counter-clockwise.
2. Carefully remove the old blade, if present.
3. Insert the new blade into the slot, ensuring it is seated correctly and facing the desired direction for cutting.
4. Screw the brass collet back onto the handle by turning it clockwise until the blade is firmly secured. Do not overtighten.
5. Gently tug on the blade to confirm it is locked in place and does not wobble.

6. OPERATING INSTRUCTIONS

The OLFA 157B Art Knife is versatile, offering different blades for specific tasks:

- **Pointed Angled Blade (Standard):** Ideal for general cutting, scoring, trimming, and intricate detail work. Apply steady, even pressure and guide the blade along your desired line.
- **Curved Scalpel Blade:** Excellent for smooth, controlled curved cuts and deburring. Use a light touch and allow the blade's curve to follow the contour.
- **Chisel Blade:** Suitable for scraping, shaving, and creating straight, clean edges. Hold the blade at a low angle to the surface for best results.

Always use a cutting mat to protect your work surface and extend blade life. For optimal control, hold the knife like a pen, ensuring a firm but relaxed grip on the rubberized section.



Image 6.1: An example of the OLFA 157B Art Knife being used for precise cutting on craft materials, demonstrating proper grip and application.

7. BLADE REPLACEMENT

Blades will dull over time and should be replaced for optimal performance and safety. Refer to Section 5, "Setup: Blade Installation," for detailed steps on how to safely replace a blade. Compatible replacement blades include OLFA models XB10, XB157T, XB157K, XB157H, XB167A, and XB167B.



Image 7.1: A visual guide to the various compatible replacement blades available for the OLFA 157B Art Knife, including different shapes and sizes.

8. MAINTENANCE AND CARE

- **Cleaning:** After each use, wipe the blade and handle with a dry cloth to remove any debris or adhesive residue. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Always store the knife with its protective cap securely in place. Keep the knife and spare blades in the provided storage case or a safe, dry location.
- **Blade Condition:** Regularly inspect blades for dullness or damage. A dull blade requires more force to cut, increasing the risk of slippage and injury. Replace dull or damaged blades immediately.

9. TROUBLESHOOTING

- **Blade Wobbles:** Ensure the brass collet is tightened sufficiently. If the blade still wobbles, check if it is correctly seated in the slot.
- **Difficulty Cutting:** The blade may be dull. Replace it with a new, sharp blade. Ensure you are using the appropriate blade type for the material and task.
- **Blade Snaps:** Excessive force or an incorrect cutting angle can cause blades to snap. Use a fresh

blade and apply steady, controlled pressure.

10. SPECIFICATIONS

Feature	Detail
Model Number	157B
Material	Nylon resin (with 20% glass fiber), Brass + synthetic rubber, Alloy tool steel
Handle Material	Rubber
Blade Material	Alloy Steel
Item Length	4.05 Centimeters
Item Weight	0.03 Kilograms (1.06 ounces)
Included Blades	3 types (pointed, curved, chisel), 2 of each
Compatible Replacement Blades	XB10, XB157T, XB157K, XB157H, XB167A, XB167B
Manufacturer	OLFA CORPORATION

11. WARRANTY AND SUPPORT

For warranty information, technical support, or inquiries regarding your OLFA 157B Art Knife and Saw Set, please contact OLFA customer service directly. Refer to the official OLFA website or product packaging for the most current contact details and warranty terms.