

## wolfcraft 3431000

# wolfcraft 60mm Pointed Spring Clamps (Model 3431000) Instruction Manual

Model: 3431000 | Brand: wolfcraft

## INTRODUCTION

Thank you for choosing the wolfcraft 60mm Pointed Spring Clamps. These precision clamps are designed for a variety of tasks, particularly those requiring delicate handling and access to confined spaces. Their robust construction and thoughtful design ensure reliable performance for both home and craft projects. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your new clamps. Please read it thoroughly before first use and keep it for future reference.

## SAFETY INFORMATION

Always observe the following safety precautions when using the wolfcraft 60mm Pointed Spring Clamps:

- **Inspect before use:** Ensure clamps are free from damage before each use. Do not use damaged clamps.
- **Secure grip:** Always ensure the clamp has a firm grip on the workpiece. Avoid over-extending the jaws beyond their intended capacity.
- **Surface protection:** While the jaws are designed to be soft, always test on a scrap piece or use additional padding if clamping delicate or finished surfaces.
- **Avoid heat:** Do not expose the clamps to excessive heat, such as from soldering irons, as this may damage the plastic material and jaw pads.
- **Keep clear:** Keep fingers and other body parts clear of the clamping area to prevent pinching.
- **Storage:** Store clamps in a dry, clean place, out of reach of children.

## SETUP

The wolfcraft 60mm Pointed Spring Clamps are ready for immediate use out of the packaging. No assembly is required.

1. Remove the clamps from their packaging.

2. Inspect each clamp for any visible damage or defects.
3. Familiarize yourself with the clamping mechanism by gently squeezing the handles to open the jaws and releasing to close them.



Figure 1: The wolcraft 60mm Pointed Spring Clamps as they appear out of the package.

## OPERATING INSTRUCTIONS

These clamps are designed for precision work and general clamping needs. Follow these steps for optimal use:

1. **Identify the clamping area:** Determine the specific point on your workpiece where clamping pressure is needed. The narrow design of these clamps allows access to tight or intricate areas.
2. **Open the jaws:** Squeeze the handles firmly to open the clamping jaws. The maximum clamping width is 60mm.
3. **Position the clamp:** Place the open jaws around the workpiece. Ensure the soft precision clamping jaws make full contact with the surfaces to be held. The grooved surface on the jaws provides an enhanced grip.
4. **Apply pressure:** Slowly release the handles. The spring mechanism will apply consistent pressure, holding the workpiece securely. The soft jaws are designed to apply pressure without damaging the surface.
5. **Adjust if necessary:** If the workpiece shifts or the grip is not sufficient, remove the clamp and reposition it. The brushed surface of the handle ensures a non-slip grip during operation.

Figure 2: Using the clamp for precision work, such as holding a model car door.

Figure 3: The narrow design allows for clamping small components on circuit boards.



Figure 4: Side view illustrating the narrow design and soft jaw tips.

Proper maintenance ensures the longevity and optimal performance of your clamps:

- **Cleaning:** After each use, wipe the clamps with a clean, dry cloth to remove any dust, glue, or debris. For stubborn residue, a slightly damp cloth can be used, followed by thorough drying.
- **Lubrication:** The pivot point of the clamp is designed for smooth operation and generally does not require lubrication. If movement becomes stiff, a small amount of dry lubricant (e.g., silicone spray) can be applied, ensuring it does not get onto the clamping jaws.
- **Storage:** Store clamps in a clean, dry environment away from direct sunlight and extreme temperatures. Keeping them organized will prevent damage and make them easier to find for future projects.



Figure 5: The textured handle provides a secure, non-slip grip.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Clamp not holding securely	Workpiece too thick; jaws not making full contact; jaws are dirty.	Ensure workpiece is within 60mm capacity. Reposition clamp for full jaw contact. Clean jaws thoroughly.
Surface damage on workpiece	Excessive pressure on delicate surface; jaws are dirty or damaged.	Use additional padding (e.g., cloth, rubber) between jaws and workpiece. Clean jaws. Inspect for damage; replace if necessary.
Clamp feels stiff or sticky	Accumulation of dirt/debris at pivot point.	Clean the pivot area. Apply a small amount of dry lubricant if needed.

## SPECIFICATIONS

**Model Number:** 3431000

**Brand:** wolcraft

**Material:** Plastic

**Clamping Width:** 60 mm (approx. 2.36 inches)

**Item Weight:** Approximately 0.32 ounces (per clamp)

**Number of Pieces:** 2 (per package)

**Features:** Soft precision clamping jaws, narrow design, grooved surface, brushed non-slip handle.



Figure 6: Close-up of the soft, grooved clamping jaws.

## WARRANTY AND SUPPORT

wolcraft products are manufactured to high-quality standards. For specific warranty information, please refer to the documentation included with your purchase or visit the official wolcraft website. If you encounter any issues or require technical assistance, please contact wolcraft customer support through their official channels.

For more information, visit the official [wolcraft website](#).

