

## wolfcraft 3456000

# wolfcraft EHZ 6-150 One-Hand Clamp PRO 3456000 Instruction Manual

## 1. PRODUCT OVERVIEW

The wolfcraft EHZ 6-150 One-Hand Clamp PRO 3456000 is a versatile tool designed for clamping, expanding, and fixing workpieces with a single hand. Its robust construction and ergonomic design make it suitable for both professional and DIY applications, providing secure and controlled handling.



Image 1.1: The wolfcraft EHZ 6-150 One-Hand Clamp PRO in its standard clamping configuration.

### Key Features:

- **One-Hand Operation:** Designed for easy clamping and releasing with a single hand, enhancing efficiency and convenience.
- **High Clamping Force:** Delivers up to 90 kg of clamping pressure, ensuring secure hold for various workpieces.
- **Protective Spacers:** Adjustable spacers protect the workpiece surface and provide stable support.
- **Spreading Function:** Easily converts to a spreading tool with the push of a button, offering dual functionality.
- **Ergonomic Design:** Features an ergonomic handle and anti-slip zone for a secure and comfortable grip.
- **Durable Construction:** High-quality rail ensures long-lasting clamping force and reliability.

## 2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using hand tools to prevent injury and damage. Read and understand all instructions before operating the clamp.

- **Wear Eye Protection:** Always wear appropriate eye protection to shield against flying debris.
- **Secure Workpiece:** Ensure the workpiece is stable and properly secured before applying clamping pressure.
- **Keep Hands Clear:** Do not place hands or fingers between the clamping jaws during operation to avoid pinching.
- **Inspect Before Use:** Before each use, inspect the clamp for any signs of damage or wear. Do not use a damaged clamp.
- **Proper Use:** Use the clamp only for its intended purpose of clamping and spreading workpieces.
- **Storage:** Store the clamp in a dry, safe place, out of reach of children.

Art.No.	Typ	A	B	C
3456000	65-150	150 mm	160-320 mm	65 mm
3457000	65-300	300 mm	160-470 mm	65 mm



Image 2.1: Important safety symbols. Always wear eye protection, keep hands clear of clamping areas, and do not use the clamp for unintended purposes like securing items in a vehicle.

### 3. SETUP

The wolcraft EHZ 6-150 One-Hand Clamp PRO is ready for use directly out of the packaging. No assembly is required.

#### Initial Inspection:

1. Remove the clamp from its packaging.
2. Check all parts for any visible damage or defects.
3. Familiarize yourself with the clamping and release mechanisms by gently squeezing the trigger and pressing the release lever.



Image 3.1: Close-up view of the clamp's mechanism, showing the trigger and release lever.

### 4. OPERATING INSTRUCTIONS

#### 4.1. Clamping a Workpiece

1. Position the workpiece securely on a stable surface.
2. Open the clamp jaws by pressing the yellow release lever and sliding the movable jaw along the rail until it is wider than the workpiece.
3. Place the clamp over the workpiece, ensuring both jaws make full contact.
4. Squeeze the main trigger handle repeatedly until the clamp jaws firmly grip the workpiece. The clamping pressure will increase with each squeeze.
5. Ensure the workpiece is held securely before proceeding with your task.



Image 4.1: Demonstrating the one-hand operation of the clamp, showing how to squeeze the trigger to apply pressure.



Image 4.2: The clamp securely holding a wooden workpiece, illustrating its practical application.

## 4.2. Releasing the Clamp

To release the clamping pressure, simply press the yellow release lever. The clamp will disengage, allowing you to

remove the workpiece.

### 4.3. Converting to Spreading Function

The clamp can be easily converted into a spreading tool:

1. Ensure the clamp is fully open and not under pressure.
2. Locate the button on the movable jaw mechanism.
3. Press this button and slide the movable jaw off the rail.
4. Re-attach the movable jaw to the opposite end of the rail, facing outwards.
5. The clamp is now configured for spreading. Squeeze the trigger to expand the jaws.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your wolcraft One-Hand Clamp PRO.

- **Cleaning:** After each use, wipe down the clamp with a clean, dry cloth to remove dust, sawdust, and debris.
- **Lubrication:** Periodically apply a light coat of machine oil to the rail and moving parts to ensure smooth operation. Avoid over-lubrication.
- **Storage:** Store the clamp in a dry environment to prevent rust and corrosion. Keep it away from extreme temperatures.
- **Inspection:** Regularly check for loose screws, worn parts, or any damage. Tighten screws as needed. Replace any damaged components immediately.

## 6. TROUBLESHOOTING

- **Clamp not holding pressure:** Check if the jaws are clean and free of debris. Ensure the workpiece surface is not excessively slippery. Inspect the trigger mechanism for any obstructions.
- **Jaws not moving smoothly:** Clean the rail and apply a small amount of lubricant. Check for any bent or damaged parts that might impede movement.
- **Difficulty converting to spreading function:** Ensure the clamp is fully open and not under tension. Press the release button firmly when attempting to remove or re-position the movable jaw.

## 7. SPECIFICATIONS

Feature	Specification
Model Number	3456000
Clamping Force	Up to 90 kg
Clamping Depth	65 mm
Clamping Width	150 mm
Expanding Range	160-320 mm
Material	Alloy Steel
Item Weight	0.44 Kilograms (15.5 ounces)
Color	Yellow / Grey / Teal



Feature	Specification
UPC	793518411900

## 8. WARRANTY AND SUPPORT

wolfcraft stands behind the quality of its products. The EHZ 6-150 One-Hand Clamp PRO is covered by a **10-year guarantee**.



Image 8.1: The wolfcraft clamp is proudly Made in Europe and recognized among Major German Brands.

### Contact Information:

For warranty claims, technical support, or general inquiries, please contact wolfcraft directly:

**Manufacturer:** wolfcraft GmbH

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