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› KNIPEX Tools 87 01 300, 12-Inch Cobra Pliers User Manual

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Model: 87 01 300 | Brand: KNIPEX

PRODUCT OVERVIEW

The KNIPEX Tools 87 01 300, 12-Inch Cobra Pliers are a high-quality, durable tool designed for a wide range of gripping applications. Manufactured in Wuppertal-Cronenberg, Germany, these pliers embody quality, innovation, and performance. They feature a unique self-locking adjustment and induction hardened gripping teeth, ensuring a secure hold without constant hand pressure. The design prioritizes user safety with a built-in pinch guard. Constructed from chrome vanadium electric steel, these pliers are built to last and offer superior performance in various tasks.



Image: KNIPEX 12-Inch Cobra Pliers, showing the full tool with red handles and black jaws.

KEY FEATURES

- Adjustment at the touch of a button directly on the workpiece
- Fast, firm adjustment directly on the workpiece
- Self-locking on pipes and nuts: no slipping on the workpiece and low hand force required
- Gripping surfaces with special hardened teeth
- Pinch guard prevents operators' fingers from being pinched
- Chrome vanadium heavy-duty steel, forged and oil-hardened

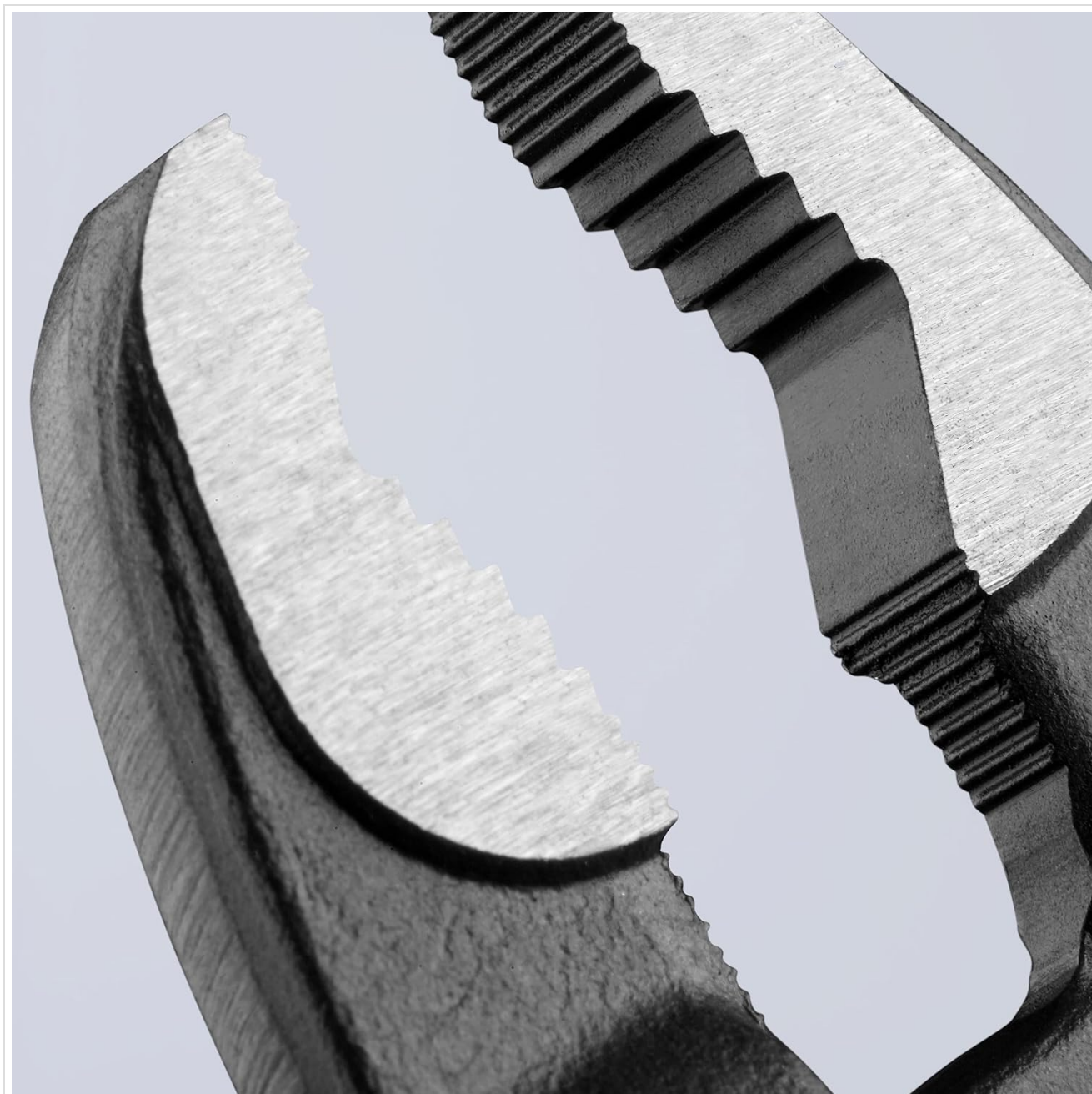


Image: Close-up view of the patented push-button adjustment mechanism on the KNIPEX Cobra Pliers.

SETUP

The KNIPEX Cobra Pliers are designed for immediate use and do not require any assembly. They are ready to perform right out of the packaging.

Before first use, it is recommended to familiarize yourself with the push-button adjustment mechanism to ensure smooth and efficient operation. Practice adjusting the jaw opening to different sizes to understand its range and locking capabilities.

OPERATING INSTRUCTIONS

Adjusting the Pliers

The KNIPEX Cobra Pliers feature a patented push-button adjustment system for quick and precise sizing directly on the workpiece. This eliminates the need for time-consuming test-adjusting.

1. Position the upper jaw of the pliers to the workpiece.
2. Press the push button located on the pliers.
3. Adjust the opening of the jaws to fit the workpiece by sliding the lower jaw.
4. Release the button to lock the jaws in place.

The self-locking feature on pipes and nuts means that once adjusted, the pliers will grip firmly without requiring constant hand pressure on the handles. This significantly reduces operator fatigue and allows for more efficient work.



Image: Side view of the KNIPEX Cobra Pliers, highlighting the slim head design for access in confined spaces.



Image: Demonstrating the self-locking grip of the KNIPEX Cobra Pliers on a pipe, showing no need for constant hand pressure.

Gripping Various Shapes

The unique jaw configuration of the Cobra Pliers is optimized to grip any shape object effectively, including flat, round, hex, or square materials. This versatility, combined with the induction-hardened gripping teeth, minimizes slippage and helps prevent burring or stripping of pipes, nuts, or bolts.



Image: Collage showing the KNIPEX Cobra Pliers gripping various shapes: square, round, hexagonal, and flat material.

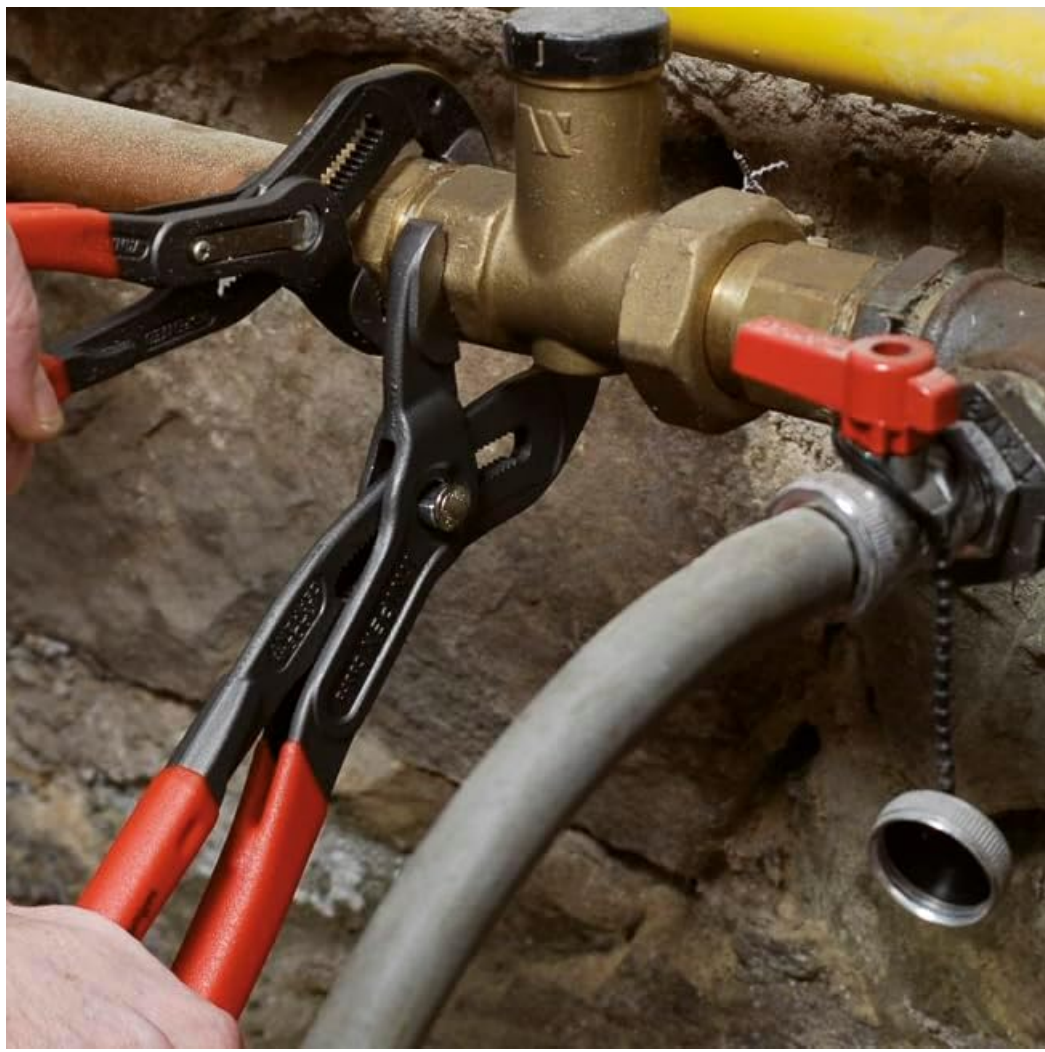


Image: KNIPEX Cobra Pliers in use, gripping a pipe fitting during a plumbing task.

MAINTENANCE

Cleaning

After each use, wipe the pliers clean to remove any dirt, grease, or debris. For stubborn grime, use a mild cleaner and a cloth. Avoid abrasive materials that could damage the finish or gripping surfaces.

Lubrication

Periodically apply a light machine oil to the joint and all moving parts. This ensures smooth operation of the adjustment mechanism and helps prevent rust and corrosion, extending the tool's lifespan.

Storage

Store the pliers in a dry environment, ideally in a tool roll or box, to prevent corrosion. Keep them away from excessive moisture, direct sunlight, and corrosive substances.

TROUBLESHOOTING

Pliers not gripping firmly

- Ensure the jaws are properly adjusted to the workpiece size using the push-button mechanism.
- Check for any debris or buildup on the gripping teeth that might be preventing a secure hold. Clean if

necessary.

Stiff or difficult adjustment

- Apply a small amount of lubricant to the pivot point and adjustment mechanism.
- Ensure no foreign objects are lodged in the adjustment grooves.

SPECIFICATIONS

Feature	Detail
Brand	KNIPEX
Model Number	87 01 300 (Part Number) / 8701250 (Item Model Number)
Length	12 inches
Weight	19 ounces (approx. 1.19 lbs)
Material	Chromium-Vanadium Steel
Handle Material	Plastic coating
Color	Red
Product Dimensions	11.9"L x 2.2"W
Jaw Capacity (Round)	Up to 2-3/4 inches
Jaw Capacity (Hex)	Up to 2-23/64 inches
Adjustment Positions	30
Specific Uses	Gripping, Cutting, Twisting
Specification Met	DIN ISO 8976
UPC	043985292374, 843221003135, 100069454322

WARRANTY & SUPPORT

For detailed warranty information, product registration, or technical support, please refer to the official KNIPEX website or contact their customer service department directly. KNIPEX is an independently-owned family enterprise specializing in the manufacturing of high-quality pliers, focused on performance, service life, and ergonomics.

Visit the [KNIPEX Store](#) for more information and to explore their full range of tools.

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