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## Wiha Z22030002

# WIHA Industrial Water Pump Pliers with Push Button Adjustment, 300 mm

MODEL: Z22030002

Brand: Wiha

## Introduction

This manual provides essential instructions for the safe and effective use of your WIHA Industrial Water Pump Pliers, Model Z22030002. These pliers are designed for gripping and holding various objects such as pipes, square profiles, and hex nuts in installation and assembly tasks. Adherence to these instructions will ensure optimal performance and longevity of your tool.



Figure 1: WIHA Industrial Water Pump Pliers (300 mm) featuring a push-button adjustment mechanism and ergonomic handles.

## Safety Information

Always observe general safety guidelines when using hand tools. This includes:

- Wear appropriate personal protective equipment, such as safety glasses.
- Ensure the workpiece is stable and secure before applying force.
- Do not use pliers for purposes other than those for which they are designed.

- Inspect the tool for damage before each use. Do not use damaged tools.
- Keep hands clear of moving parts and pinch points.

## Setup

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The WIHA Industrial Water Pump Pliers are ready for immediate use upon unboxing. No assembly is required. Before first use, familiarize yourself with the tool's components:

- **Gripping Jaws:** Designed for secure hold on various shapes.
- **Push Button:** For quick and easy adjustment of jaw opening.
- **Handles:** Ergonomically shaped for comfortable and secure grip.

## Operating Instructions

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These pliers feature a finely adjustable joint for optimal adaptation to the workpiece.

### 1. Adjusting Jaw Opening:

Press the red push button located near the joint. While holding the button, slide the upper jaw to increase or decrease the opening. Release the button to lock the jaws in the desired position. The finely adjustable joint allows for precise adaptation to different object sizes.

### 2. Gripping Workpieces:

Position the jaws around the pipe, square profile, or hex nut. Ensure the jaws make full contact with the workpiece for a secure grip. Apply firm, even pressure to the handles to hold or turn the object. The extra slim head design allows access to hard-to-reach areas.

### 3. Applying Force:

Apply force gradually and avoid sudden jerking motions. The hardened gripping jaws provide long durability and excellent grip.

## Maintenance

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- **Cleaning:** After each use, wipe the pliers clean with a dry cloth to remove dirt, grease, and debris. For stubborn grime, a mild cleaning agent can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a light machine oil to the joint mechanism to ensure smooth operation and prevent corrosion.
- **Storage:** Store the pliers in a dry environment, away from moisture and corrosive substances. Keep them out of reach of children.
- **Inspection:** Regularly inspect the gripping jaws for wear or damage. Ensure the push-button adjustment mechanism operates freely and locks securely.

## Troubleshooting

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Problem	Possible Cause	Solution
Jaws do not adjust smoothly.	Dirt or debris in the joint; lack of lubrication.	Clean the joint thoroughly and apply a light machine oil.
Pliers slip on workpiece.	Incorrect jaw adjustment; worn gripping jaws; greasy workpiece.	Ensure jaws are correctly adjusted and fully gripping the workpiece. Clean workpiece if greasy. If jaws are worn, consider replacement.
Push button is stiff or stuck.	Accumulation of dirt or rust.	Clean the button mechanism and apply a penetrating lubricant. Work the button until it moves freely.

## Specifications

<b>Brand</b>	Wiha
<b>Model Number</b>	Z22030002
<b>Size</b>	Industrial, 300 mm
<b>Material</b>	High-quality Chrome Vanadium Molybdenum Steel, tempered
<b>Handle Material</b>	Alloy Steel
<b>Standards</b>	DIN ISO 8976
<b>Head Shape</b>	Extra slim
<b>Adjustment</b>	Push-button, finely adjustable joint
<b>Specific Uses</b>	Gripping, Holding, Locking pipes, square profiles, hex nuts
<b>Item Weight</b>	0.63 Kilograms (approx. 1.39 pounds)
<b>Product Dimensions</b>	19.69"L x 7.87"W (approximate)

## Warranty Information

Wiha tools are manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the official Wiha website or contact Wiha customer service. Keep your proof of purchase for any warranty claims.

## Customer Support

Should you have any questions regarding the use, maintenance, or troubleshooting of your WIHA Industrial Water Pump Pliers, please contact Wiha customer support through their official website or authorized distributors. Provide the model number (Z22030002) when seeking assistance.