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## Channellock 8WCB

# Channellock 8WCB 8-Inch WideAzz Adjustable Wrench Instruction Manual

Model: 8WCB

## 1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use, maintenance, and care of your Channellock 8WCB 8-Inch WideAzz Adjustable Wrench. Please read this manual thoroughly before initial use and retain it for future reference. This tool is designed for professional and amateur use in various applications requiring adjustable gripping and turning of fasteners.

## 2. KEY FEATURES

The Channellock 8WCB WideAzz Adjustable Wrench is engineered for superior performance and durability. Its design incorporates several features to enhance usability and efficiency:

- **Extra-Wide Jaw Opening:** Features a 1.5-inch (39.12mm) jaw capacity, equivalent to a larger 12-inch wrench, allowing for a wider range of applications.
- **Optimized Jaw Design:** Longer jaws provide a better grip, reducing slippage and preventing nut rounding. Thinner jaws offer improved access in confined or tight spaces.
- **Precise Adjustment:** Equipped with a 4-thread knurl and non-protruding jaws, ensuring precise and stable adjustments. The precise jaw design grips tight the first time, every time.
- **Integrated Measurement Scales:** Convenient measurement scales are engraved on the tool (inches on the front, millimeters on the reverse) for quick and accurate sizing of nuts, pipes, and tube diameters.
- **Durable Construction:** Manufactured from high-quality Chrome Vanadium Steel for strength and longevity. The polished finish provides corrosion resistance.
- **CODE BLUE Comfort Grips:** Designed for enhanced durability and user comfort, reducing hand fatigue during prolonged use.



Figure 1: The Channellock 8WCB 8-Inch WideAzz Adjustable Wrench, showcasing its wide jaw and blue comfort grips.



## ADJUSTABLE WRENCH

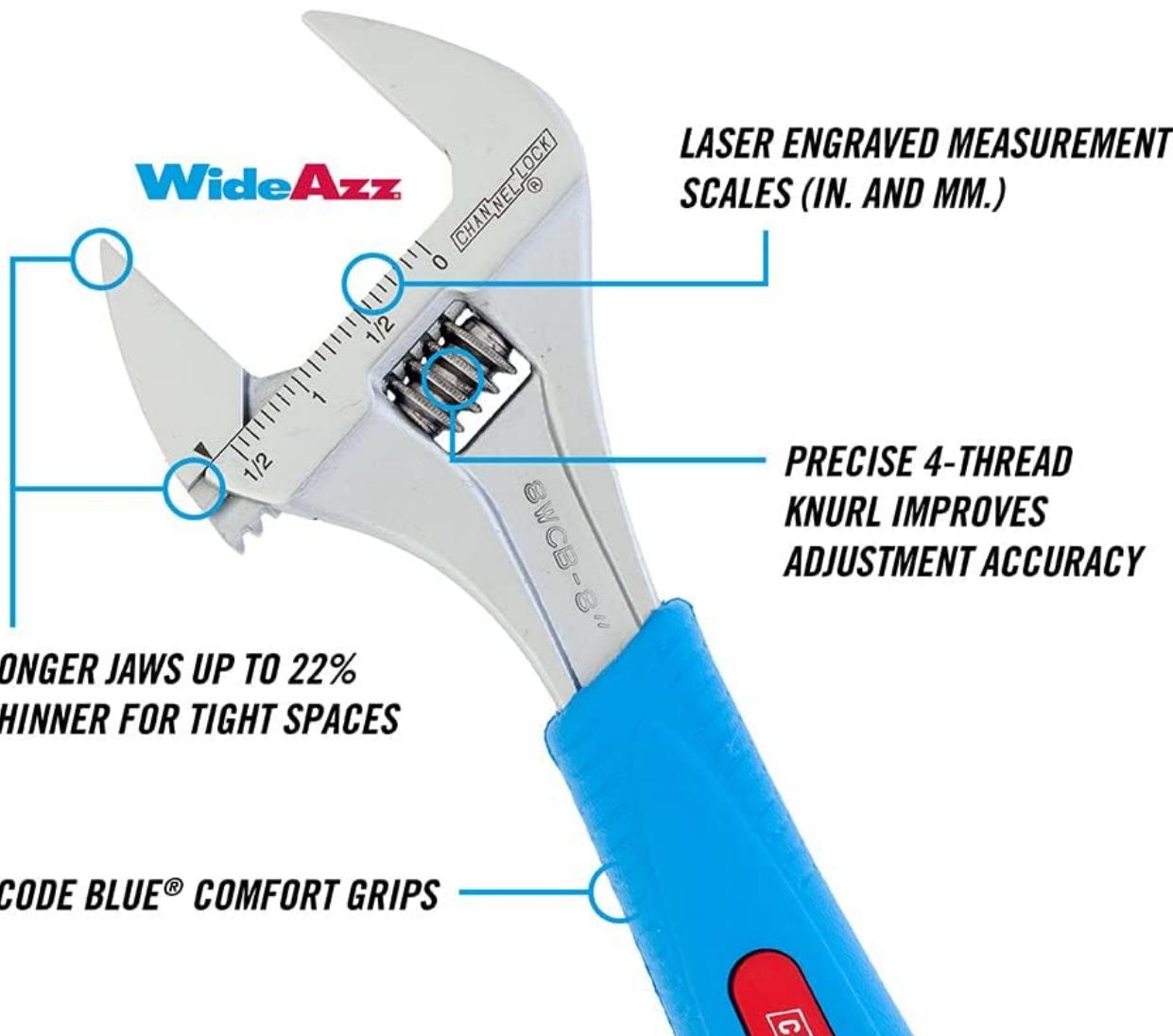


Figure 2: Diagram highlighting key features such as laser-engraved measurement scales, precise 4-thread knurl, longer/thinner jaws, and CODE BLUE comfort grips.



Figure 3: Illustration demonstrating the impressive 1.54-inch (39.12mm) jaw capacity of the WideAzz wrench.

## 3. SETUP

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Your Channellock 8WCB Adjustable Wrench comes ready for immediate use. No assembly is required. Before first use, inspect the tool for any signs of damage or manufacturing defects. Ensure the movable jaw operates smoothly along the screw mechanism.

### 3.1 Adjusting the Jaw Opening

1. Identify the knurl (thumbwheel) located on the side of the movable jaw.
2. Rotate the knurl clockwise to close the jaws and counter-clockwise to open them.
3. Adjust the jaw opening until it snugly fits the fastener (nut or bolt head) you intend to turn. Minimize any play between the wrench jaws and the fastener to prevent slippage and damage to both the fastener and the tool.
4. Utilize the engraved measurement scales on the jaw to quickly pre-set the approximate size before placing it on the fastener.

## 4. OPERATION

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Proper operation ensures efficiency and safety. Always wear appropriate personal protective equipment (PPE), such as safety glasses, when using hand tools.

### 4.1 General Use

1. Select the correct size wrench for the fastener. For adjustable wrenches, ensure the jaws are adjusted tightly to the

fastener.

2. Apply force to the wrench handle in the direction that tightens the movable jaw against the fixed jaw. This ensures maximum grip and reduces the chance of slippage.
3. For stubborn fasteners, apply steady, increasing pressure rather than sudden jerks.
4. When working in tight spaces, leverage the thinner jaw design to access fasteners that traditional wrenches might not reach.

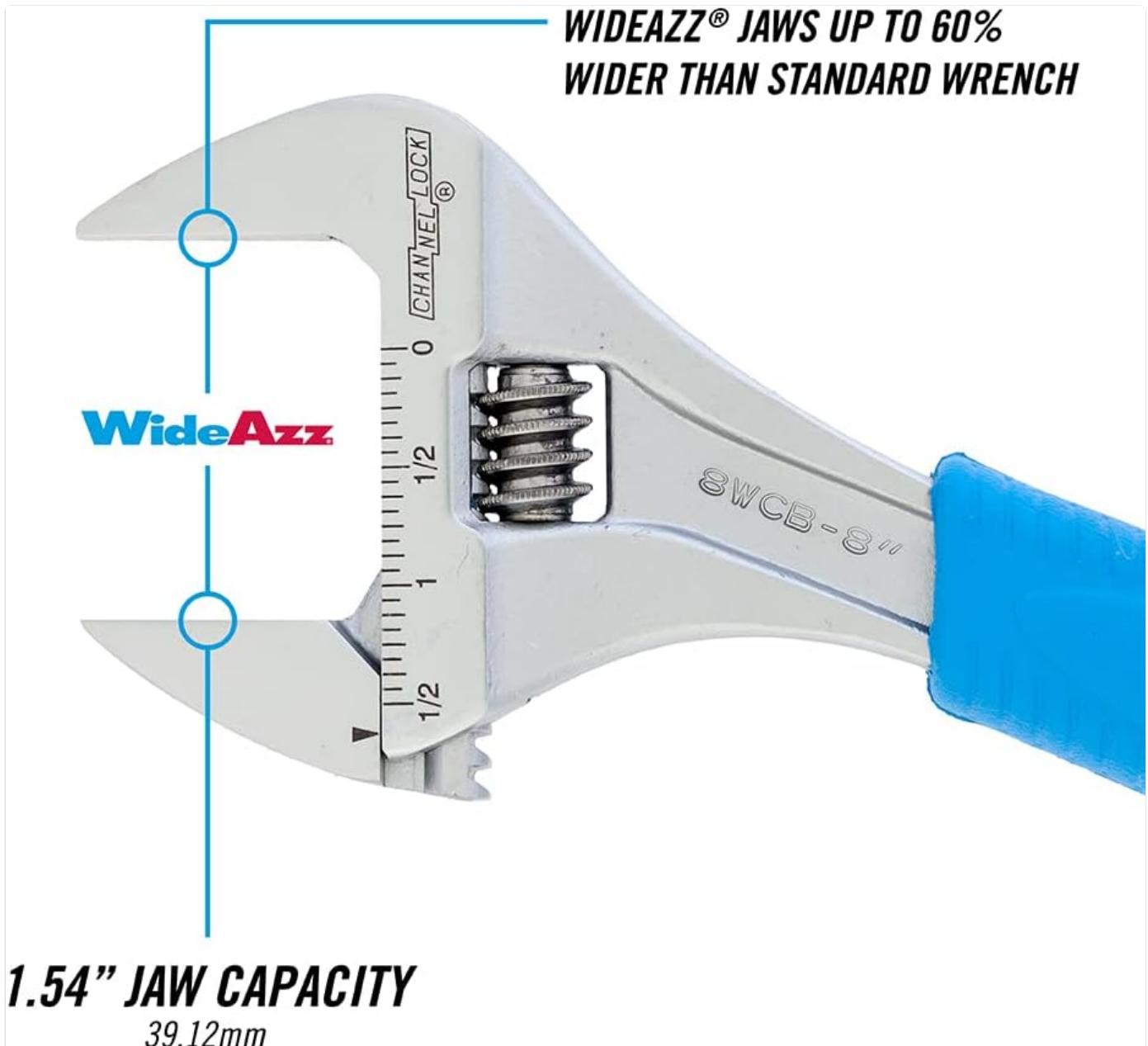


Figure 4: An example of the Channellock 8WCB wrench being used to tighten a fastener in a confined area, demonstrating its practical application.

## 5. MAINTENANCE

Regular maintenance will prolong the life and performance of your Channellock wrench.

- **Cleaning:** After each use, wipe the wrench clean of any dirt, grease, or debris. A clean cloth is usually sufficient. For stubborn grime, use a mild degreaser and rinse thoroughly.
- **Lubrication:** Periodically apply a light coat of machine oil or a multi-purpose lubricant to the screw mechanism and the movable jaw's sliding surfaces. This ensures smooth operation and prevents rust.

- **Storage:** Store the wrench in a dry environment to prevent corrosion. Avoid storing it in damp or humid conditions.
- **Inspection:** Regularly inspect the jaws for wear, damage, or misalignment. If the jaws are significantly worn or damaged, the tool may slip and should be replaced.

## 6. TROUBLESHOOTING

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Most issues with adjustable wrenches can be resolved with proper technique and maintenance.

Problem	Possible Cause	Solution
Wrench slips on fastener.	Jaws not tightened sufficiently; worn or damaged jaws; incorrect application of force.	Ensure jaws are snug against fastener. Apply force to the movable jaw side. Replace if jaws are worn.
Difficulty adjusting jaws.	Dirt or debris in the screw mechanism; lack of lubrication.	Clean the screw mechanism thoroughly. Apply lubricant to the screw and sliding surfaces.
Fastener rounding.	Wrench jaws not properly tightened; using the wrong size wrench; excessive force.	Ensure a tight fit. Use the correct size wrench (e.g., a box-end wrench or socket if available). Apply steady, controlled force.

## 7. SPECIFICATIONS

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- **Model Number:** 8WCB
- **Overall Length:** 8 Inches (203 mm)
- **Jaw Capacity:** Up to 1-1/2 Inches (39.12 mm)
- **Material:** Chrome Vanadium Steel
- **Finish:** Polished Chrome
- **Handle:** CODE BLUE Comfort Grip
- **Item Weight:** 12 Ounces
- **Head Style:** Open End
- **Measurement System:** Imperial (inches) on front, Metric (mm) on reverse
- **UPC:** 025582490612
- **Manufactured:** Spain

## 8. WARRANTY AND SUPPORT

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Channellock, Inc. stands behind the quality of its products. The Channellock 8WCB 8-Inch WideAzz Adjustable Wrench is covered by a **Limited Lifetime Warranty**.

For detailed warranty information, product support, or to inquire about service, please visit the official Channellock website or contact their customer service department. Keep your proof of purchase for warranty claims.

For further assistance, please refer to the contact information provided on the product packaging or the official Channellock website.

