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> TEHAUX Tapping Reamer Hand Tool Kit User Manual

## TEHAUX Q126463A1V

# TEHAUX Tapping Reamer Hand Tool Kit User Manual

Model: Q126463A1V

## INTRODUCTION

The TEHAUX Tapping Reamer Hand Tool Kit is a professional-grade tap wrench designed for efficient thread repair and maintenance. Its robust construction and adjustable design make it suitable for a variety of tasks involving taps, reamers, screw extractors, and other small tools requiring manual rotation.



Image: The TEHAUX Tap Wrench, showcasing its straight-handle design and central clamping mechanism.

## KEY FEATURES

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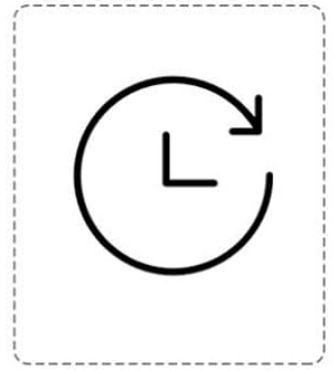
- **Durable Construction:** Features a die-casting body and steel knurled handles, ensuring high hardness, wear resistance, and a long service life.
- **Enhanced Leverage:** The straight-handle design provides superior leverage, particularly beneficial when working with larger-diameter taps.
- **Versatile Clamping:** Equipped with one rigid handle and one adjustable handle, allowing for easy and firm clamping of various taps, drills, reamers, and screw extractors.
- **Multi-purpose Application:** Ideal for tapping operations, as well as for use with other small tools that require manual rotation for woodworking, DIY projects, professional usage, and general repairs.
- **Portable Design:** Professional and practical design with a compact form factor, making it easy to carry and use in various work environments.



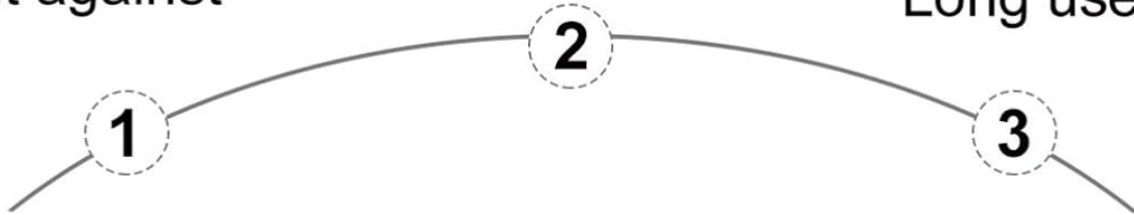
Fight against



Good water resistance



Long use time



Preferred material



Image: A visual representation highlighting the preferred material, good water resistance, and long use time of the tap wrench.

**01**

THE TAP WRENCH IS MADE OF STEEL MATERIAL, WEAR RESISTANT, DURABLE, TOUGH, OWNING LONG USING LIFE SPAN.



**02**

THE TAP WRENCH CAN EFFECTIVELY IMPROVE YOUR WORKING EFFICIENCY, WHICH IS A NECESSARY TAPPING TOOL.

**03**

STRAIGHT TAP WRENCH PROVIDES GREAT LEVERAGE, AND IS SPECIALLY IDEAL FOR LARGER-DIAMETER TAPS.



Image: Close-up views illustrating the steel material, the tool's ability to improve working efficiency, and the leverage provided by the straight tap wrench design.

## SETUP

Before operation, ensure the tap wrench is clean and free of debris. Select the appropriate tap or tool for your application.

1. **Open the Jaws:** Rotate the adjustable handle counter-clockwise to open the clamping jaws of the tap wrench.
2. **Insert the Tool:** Carefully insert the square end of your tap, reamer, or other tool into the open jaws. Ensure the tool is seated firmly and centrally.
3. **Secure the Tool:** Rotate the adjustable handle clockwise to tighten the jaws around the tool. Tighten firmly but do not overtighten, as this could damage the tool or the wrench. The tool should be held securely without any wobble.



Image: A user demonstrating the process of inserting a tap into the TEHAUX Tap Wrench, highlighting the secure clamping mechanism.

## OPERATION

The TEHAUX Tap Wrench is designed for manual rotation of tools. Always wear appropriate safety gear, such as safety glasses, when operating hand tools.

1. **Prepare Workpiece:** Ensure your workpiece is securely clamped or held. For tapping, drill a pilot hole of the correct size for your tap.
2. **Align the Tool:** Carefully align the tap or reamer with the hole or area to be worked on. Ensure it is perpendicular to the surface to prevent crooked threads or damage.
3. **Apply Pressure and Rotate:** Apply light, even downward pressure while slowly rotating the tap wrench clockwise (for right-hand threads) or in the direction required for your specific tool.
4. **Clear Chips (Tapping):** For tapping, periodically reverse the rotation a quarter turn to break off and clear chips, especially when working with harder materials. This prevents clogging and reduces friction.
5. **Lubrication:** Apply appropriate cutting fluid or lubricant to the tool and workpiece as needed to reduce friction,

dissipate heat, and improve cutting performance and tool life.

6. **Complete Operation:** Continue rotating until the desired depth or operation is complete. For tapping, once the thread is cut, carefully rotate the wrench counter-clockwise to remove the tap from the hole.



Image: A user demonstrating the application of the TEHAUX Tap Wrench in a workshop setting, highlighting its use in precision operations.

# TAP WRENCH

Straight tap wrench provides great leverage, and is specially ideal for larger-diameter taps.



Image: The tap wrench in use, illustrating how its straight design provides significant leverage for effective tapping, especially with larger taps.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your TEHAUX Tap Wrench.

- **Cleaning:** After each use, wipe down the tap wrench with a clean cloth to remove any metal chips, dust, or cutting fluid residue.
- **Lubrication:** Periodically apply a light coat of machine oil to the moving parts, especially the adjustable jaw mechanism, to ensure smooth operation and prevent rust.
- **Storage:** Store the tap wrench in a dry environment, away from moisture and corrosive materials, to prevent rust and damage. A tool box or drawer is ideal.
- **Inspection:** Regularly inspect the wrench for any signs of wear, damage, or deformation. Ensure the handles are secure and the jaws clamp properly.

## TROUBLESHOOTING

If you encounter issues while using your tap wrench, consider the following common solutions:

Problem	Possible Cause	Solution
Tool slips in jaws	Jaws not tightened sufficiently; tool shank is oily or dirty; jaws are worn.	Ensure jaws are fully tightened; clean tool shank and jaws; if jaws are worn, consider replacement.
Difficulty rotating wrench	Lack of lubrication; excessive pressure; dull tap/reamer; incorrect pilot hole size.	Apply cutting fluid/lubricant; reduce pressure; replace or sharpen tap/reamer; verify pilot hole size.
Crooked threads (tapping)	Tap not aligned perpendicular to workpiece; starting tap incorrectly.	Ensure tap is perfectly perpendicular at the start; use a tap guide if necessary.

## SPECIFICATIONS

Attribute	Detail
Brand	TEHAUX
Model Number	Q126463A1V
Color	Silver
Material	Alloy Steel
Item Weight	130 Grams (approx. 4.6 ounces)
Product Dimensions	18.00 x 1.50 x 1.50 cm (7.09 x 0.59 x 0.59 inches)
Finish Type	Powder Coated
Operation Mode	Mechanical
Date First Available	January 8, 2021



Image: The TEHAUX Tap Wrench displaying its approximate dimensions of 7 inches (18 cm) in length and 0.5 inches (1.5 cm) in width/height.

## WARRANTY AND SUPPORT

For warranty information or technical support regarding your TEHAUX Tapping Reamer Hand Tool Kit, please refer to the product packaging or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: TEHAUX

For further assistance, you may visit the [TEHAUX Store on Amazon](#).

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