

Populo 91342

Populo 1-1/2" Expansion Tool Head Instruction Manual

Model: 91342 | Part Number: 49-16-2612

1. PRODUCT OVERVIEW

The Populo 1-1/2" Expansion Tool Head is designed for efficient preparation of 1-1/2" PEX tubing. It features a precision swivel interface for compatibility with Milwaukee M18 expansion tools. Constructed from high-strength steel with chrome-plated jaws, this tool head offers durability and reliable performance for daily use.

Key features include:

- **Precision Swivel Interface:** Ensures compatibility with M18 tools for optimal performance.
- **Excellent Performance and Efficiency:** Designed for quick and effective 1-1/2" tubing expansion.
- **Durable, High-Quality Materials:** Manufactured from high-strength steel with chrome-plated and black oxidized rings for weather and abrasion resistance.
- **Intuitive Size Identification:** Color-coded design for easy size recognition and precise sizing for an exact fit.

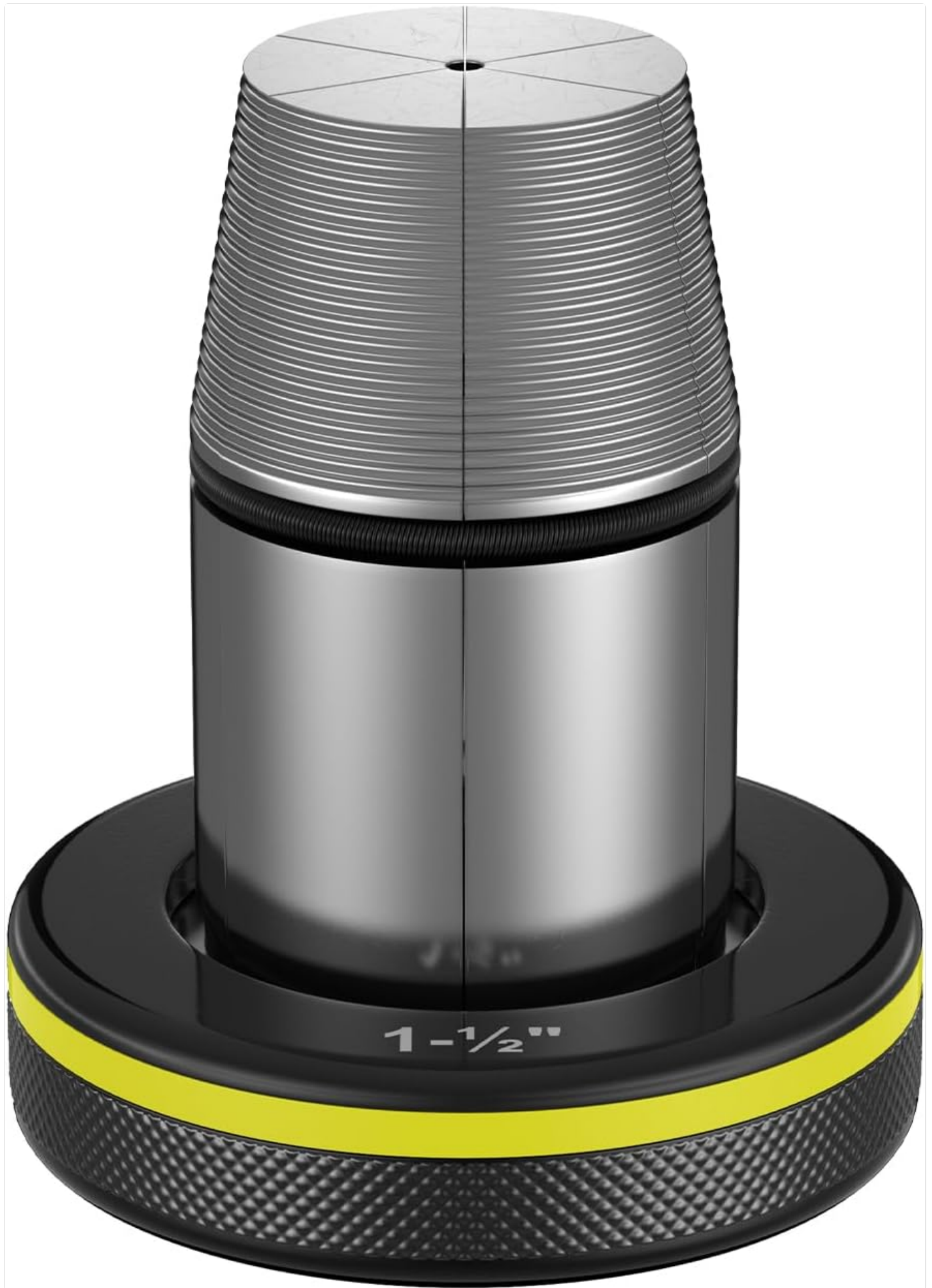


Figure 1: Populo 1-1/2" Expansion Tool Head. This image shows the complete expansion tool head, highlighting its robust construction and the 1-1/2 inch size marking.

2. SETUP AND COMPATIBILITY

Before use, ensure the expansion tool head is correctly attached to a compatible Milwaukee M18 expansion tool. The precision swivel interface allows for easy installation and removal.

2.1 Tool Compatibility

This 1-1/2" expansion head is compatible with specific Milwaukee M18 models. Refer to the compatibility chart below to ensure your tool is suitable.

EXPANSION HEAD ADAPTATION					
	 1-1/2"	 1-1/4"	 1"	 3/4"	 1/2"
 M12 (2432)	×	×	✓	✓	✓
 M12 (2532)	×	×	✓	✓	✓
 M18 (2632)	✓	✓	✓	✓	✓
 M18 (2932)	✓	✓	✓	✓	✓

Figure 2: Expansion Head Adaptation Chart. This chart illustrates the compatibility of various Populo expansion head sizes (including 1-1/2") with different Milwaukee M12 and M18 tool models. A checkmark indicates compatibility.

For the 1-1/2" size, compatible tools include M18 (2632) and M18 (2932).

HIGH STRENGTH STEEL

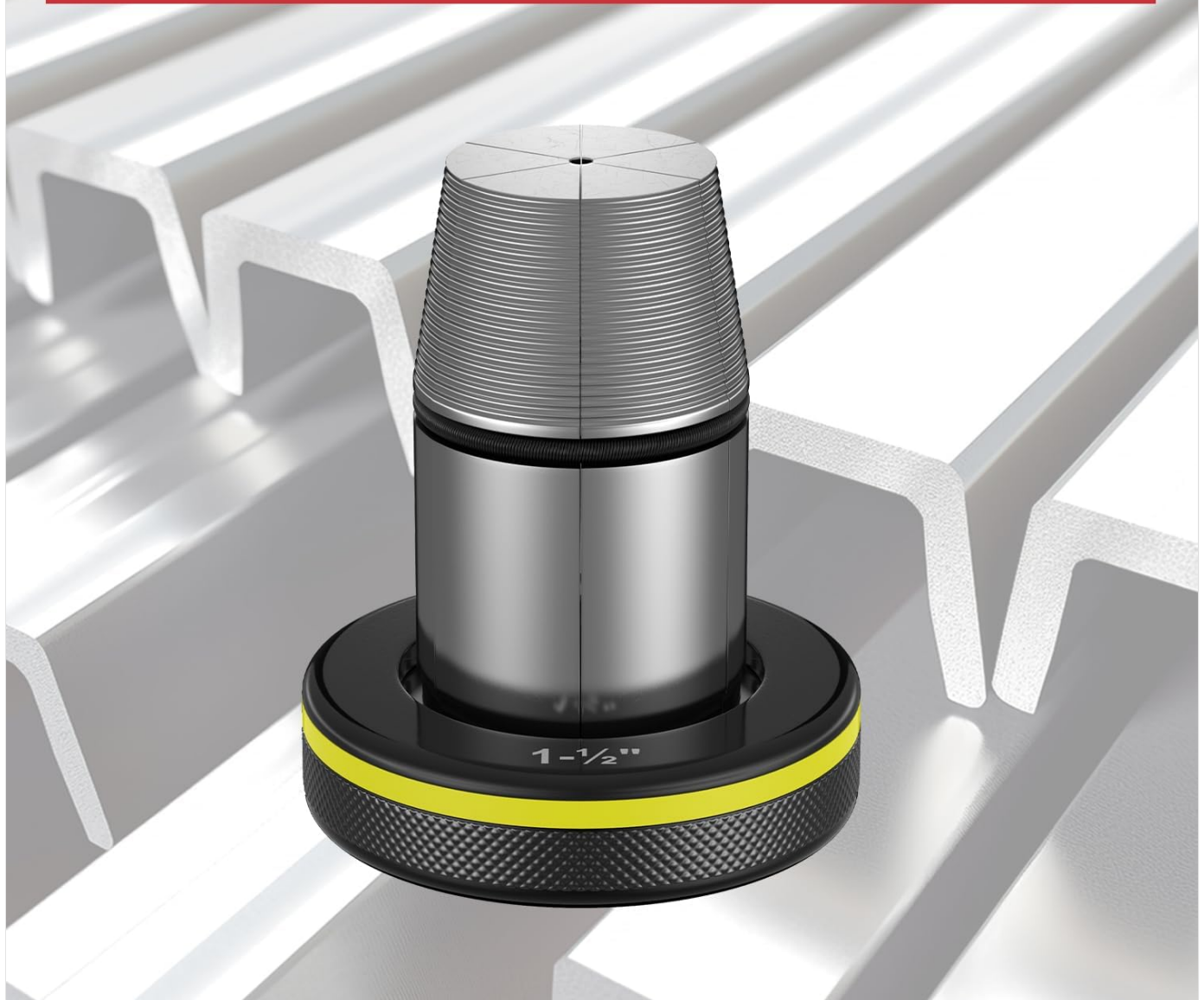


Figure 3: Populo Expansion Head attached to a Milwaukee M18 tool. This image demonstrates how the expansion head connects to the power tool, ready for operation.

3. OPERATING INSTRUCTIONS

Follow these steps for effective use of your Populo 1-1/2" Expansion Tool Head:

1. **Attach the Head:** Securely fasten the 1-1/2" expansion head to your compatible Milwaukee M18 expansion tool. Ensure it clicks into place firmly.
2. **Prepare Tubing:** Cut the 1-1/2" PEX tubing to the desired length, ensuring a clean, straight cut.
3. **Insert and Expand:** Insert the PEX tubing onto the expansion head. Activate your power tool to begin the expansion process. The tool head will expand the tubing to the correct diameter for fitting.
4. **Remove Tubing:** Once expanded, carefully remove the tubing from the tool head. The expanded tubing will contract slightly as it cools, creating a secure connection.



Figure 4: In-use demonstration of the expansion tool head. This image shows the Populo expansion head actively expanding a piece of PEX tubing, illustrating the tool's function during operation.

3.1 Operational Video

Watch this video for a visual guide on using the expansion tool head:

Your browser does not support the video tag.

Video 1: The effect of using the pipe expansion head. This video demonstrates the process and results of using the expansion tool head to expand PEX piping.

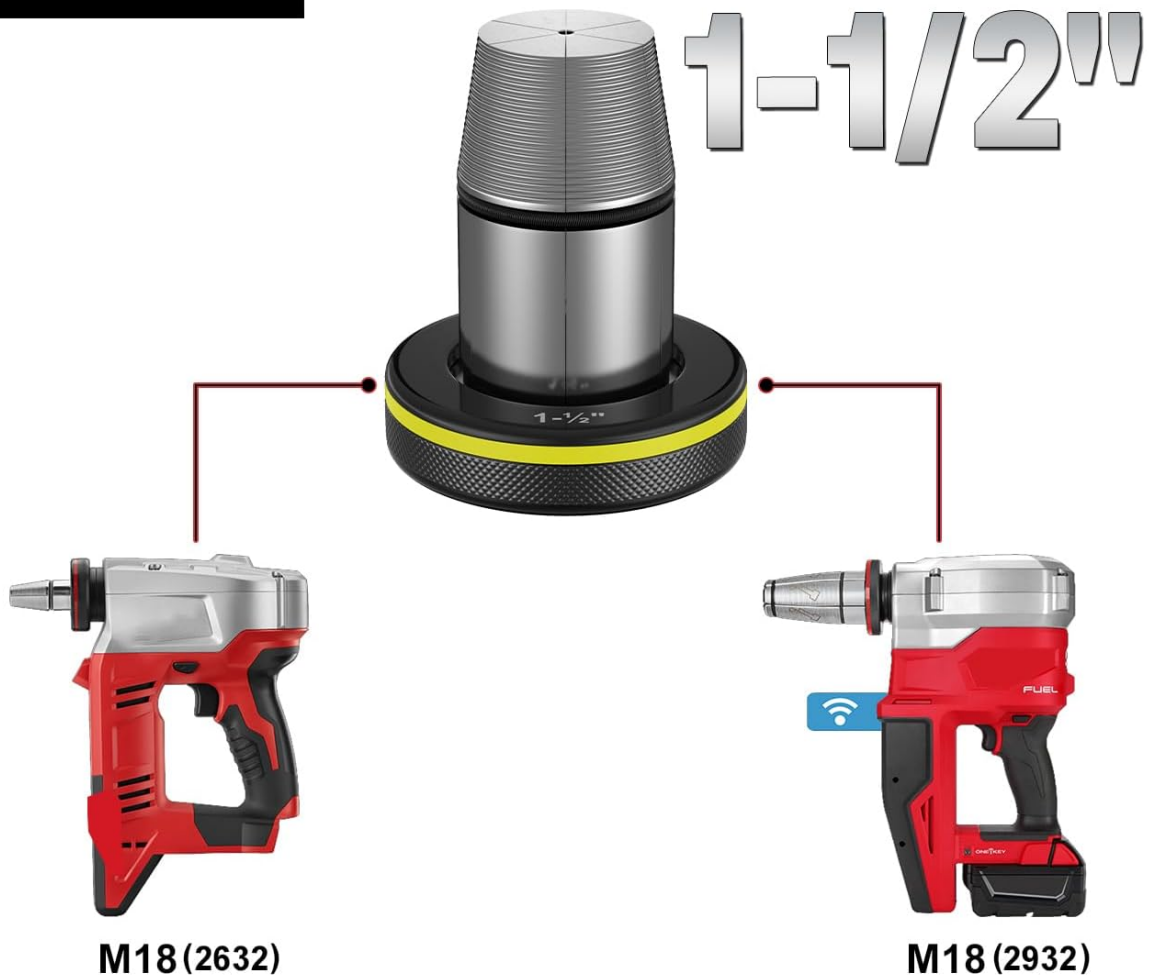
4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Populo Expansion Tool Head.

- **Cleaning:** After each use, clean any debris or residue from the expansion jaws and the tool head body.
- **Lubrication:** Periodically apply a light lubricant to the moving parts of the expansion jaws to ensure smooth operation.

- **Storage:** Store the tool head in dry conditions to prevent corrosion and extend its lifespan. The high-strength steel construction is designed for durability, but proper storage is crucial.
- **Inspection:** Regularly inspect the chrome-plated steel jaws for any signs of wear or damage. Replace the tool head if significant wear is observed to maintain precision.

POPULO



COMPATIBLE WITH MILWAUKEE M18

Figure 5: Close-up view emphasizing the high-strength steel construction. This image highlights the robust material used in the expansion tool head, indicating its durability.

5. TROUBLESHOOTING

If you encounter issues with your expansion tool head, consider the following common solutions:

- **Jaws Not Seated Properly:** If the expander jaws appear loose or have fallen out, carefully re-seat them into their correct positions. Ensure all components are properly aligned before use.
- **Difficulty Expanding Tubing:** Verify that you are using the correct size expansion head for your tubing (1-1/2" in this case). Ensure your power tool is fully charged and operating correctly.
- **Inconsistent Expansion:** Check for any debris or damage within the expansion head that might impede smooth operation. Ensure the tool head is securely attached to the power tool.

- **Tool Head Not Fitting Power Tool:** Double-check the compatibility chart in Section 2.1 to confirm your power tool model is supported.

6. SPECIFICATIONS

Manufacturer	POPULO
Part Number	49-16-2612
Model Number	91342
Item Weight	1.21 pounds
Package Dimensions	3.54 x 2.75 x 2.75 inches
Size	1-1/2"
Material	Steel
Item Package Quantity	1

7. WARRANTY AND SUPPORT

Warranty information for the Populo 1-1/2" Expansion Tool Head is not provided within this document. For specific warranty details or to inquire about product support, please refer to the official Populo brand store on Amazon or contact the manufacturer directly.

You can visit the [Populo Store on Amazon](#) for more information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question