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› Populo 1-1/4 Inch Expansion Tool Head Instruction Manual for Milwaukee Expand Tools

## Populo 91342

# Populo 1-1/4 Inch Expansion Tool Head Instruction Manual

Model: 91342

## PRODUCT OVERVIEW

The Populo 1-1/4 inch expansion tool head is designed for efficient pipe expansion, compatible with Milwaukee M18 expand tools. Constructed from high-strength steel with chrome-plated jaws and a black oxidized ring, this tool head offers durability and resistance to wear. Its precision swivel interface ensures seamless operation, and the color-coded design allows for easy size recognition.



Image: The Populo 1-1/4 inch expansion tool head, showcasing its robust construction.

COMPATIBILITY

This expansion tool head is designed for compatibility with specific Milwaukee expand tool models. Refer to the table below to ensure proper tool matching for optimal performance.

EXPANSION HEAD ADAPTATION

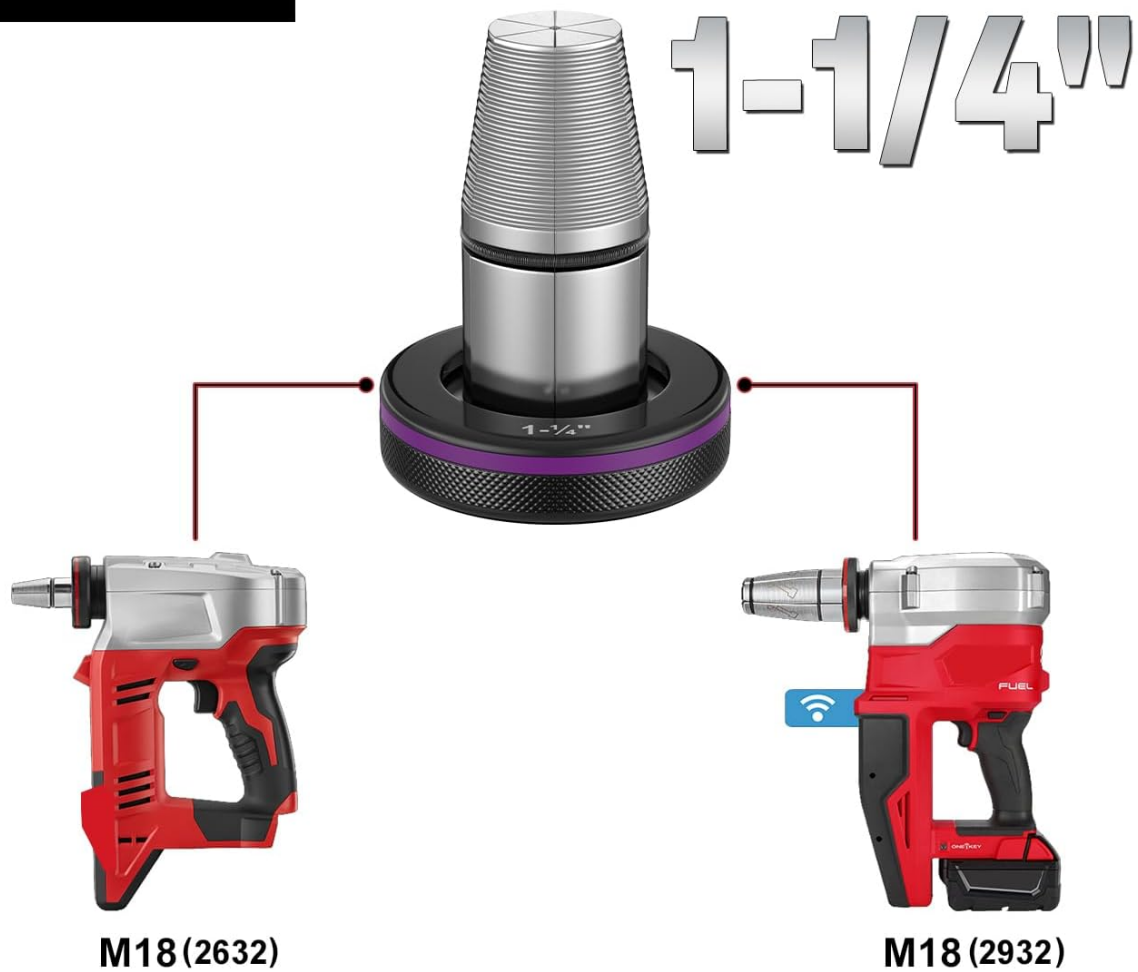
|                                                                                              |  1-1/2" |  1-1/4" |  1" |  3/4" |  1/2" |
|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------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

Image: A compatibility chart detailing which Populo expansion head sizes are compatible with various Milwaukee M12 and M18 expand tool models.

SETUP INSTRUCTIONS

- Select the Correct Tool Head:** Ensure you are using the 1-1/4 inch expansion tool head for the intended pipe size. The head is color-coded for easy identification.
- Prepare the Expansion Tool:** Ensure your Milwaukee M18 expand tool (or compatible model as per the compatibility chart) is powered off and the battery is securely attached.
- Attach the Expansion Head:** Align the Populo expansion tool head with the drive shaft of your expand tool. Push and twist until it securely locks into place. The precision swivel interface is designed for easy installation and removal.
- Verify Secure Attachment:** Gently pull on the expansion head to confirm it is firmly seated and will not detach during operation.

# POPULO



## COMPATIBLE WITH MILWAUKEE M18

Image: The Populo expansion tool head securely attached to a Milwaukee M18 expand tool, ready for use.

### OPERATING INSTRUCTIONS

1. **Prepare the Pipe:** Cut the PEX pipe squarely and deburr the edges if necessary.
2. **Insert the Tool Head:** Insert the expansion tool head into the end of the PEX pipe.
3. **Initiate Expansion:** Activate your expand tool. The tool head will expand the pipe to the required diameter. Allow the tool to complete its expansion cycle.
4. **Remove the Tool:** Once the expansion is complete, retract the tool head from the expanded pipe. The pipe will then contract slightly, creating a secure fit around the fitting.
5. **Inspect the Joint:** Visually inspect the expanded pipe for any damage or imperfections before making the final connection.



Image: A Populo expansion tool head in action, expanding a PEX pipe for connection.



Video: This video demonstrates the effect of using the pipe expansion head, showing the expansion process and the resulting pipe condition.

## MAINTENANCE

- **Cleaning:** After each use, wipe down the expansion tool head with a clean, dry cloth to remove any debris or residue.
- **Lubrication:** Periodically apply a small amount of appropriate lubricant to the moving parts of the expansion head, particularly the jaws, to ensure smooth operation and prevent wear.
- **Inspection:** Regularly inspect the tool head for any signs of wear, damage, or loose components. Ensure the chrome-plated steel jaws are intact and functioning correctly.
- **Storage:** Store the expansion tool head in a dry environment to prevent corrosion and extend its lifespan.

## TROUBLESHOOTING

- **Jaws Not Seated Properly:** If the expander jaws appear loose or fall out, carefully re-seat them into their correct positions. Ensure they are fully engaged before use.
- **Inconsistent Expansion:** If the pipe expansion is inconsistent, check for proper lubrication of the tool head and ensure the expand tool is operating at full power. Verify the pipe material is suitable for expansion.
- **Difficulty Attaching/Removing Head:** Ensure the tool head and drive shaft are clean and free of debris. Apply a light lubricant if necessary. Do not force the attachment or removal.

## SPECIFICATIONS

|                    |                           |
|--------------------|---------------------------|
| Part Number        | 49-16-2610                |
| Model Number       | 91342                     |
| Size               | 1-1/4 inches              |
| Item Weight        | 1.21 pounds               |
| Package Dimensions | 3.86 x 2.87 x 2.64 inches |
| Manufacturer       | POPULO                    |

## WARRANTY INFORMATION

This product is manufactured to high-quality standards. For specific warranty details, please refer to the documentation provided with your purchase or contact Populo customer support directly. Keep your proof of purchase for any warranty claims.

## CUSTOMER SUPPORT

For technical assistance, questions regarding product use, or to report any issues, please contact Populo customer support. Contact information can typically be found on the product packaging or the official Populo website.

### 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