

Klein Tools 32596, 32304

Klein Tools 8-in-1 HVAC Slide Drive and 14-in-1 Adjustable Screwdriver Instruction Manual

Models: 32596 (8-in-1 HVAC Slide Drive Tool) & 32304 (14-in-1 Adjustable Screwdriver)

INTRODUCTION

Thank you for choosing Klein Tools. This instruction manual provides essential information for the safe and effective use of your Klein Tools 8-in-1 HVAC Slide Drive Tool (Model 32596) and 14-in-1 Adjustable Screwdriver (Model 32304). Please read this manual thoroughly before operation and retain it for future reference. These tools are designed for professionals and DIY enthusiasts requiring versatile and durable solutions for various applications, particularly in HVAC.

PRODUCT OVERVIEW

Klein Tools 8-in-1 HVAC Slide Drive Tool (Model 32596)

This multi-bit screwdriver/nut driver is engineered for HVAC professionals, offering a compact solution with multiple functions. It features a magnetic tip for secure bit retention and a comfortable Cushion-Grip handle.



Image: The Klein Tools 8-in-1 HVAC Slide Drive Tool, showcasing its compact design and ergonomic handle.



**Easily
change
sizes with
SlideDrive™**

**KLEIN
TOOLS®** 

Since 1857

Cushion-Grip
for added torque
& comfort

**Thumb
nut
locks
tip**




**1/8"
1/4"**




#2




**1/4"*, 5/16"*
1/4", 3/8"**


**TR-4
Schrader®
edited**

Image: A detailed diagram highlighting the SlideDrive mechanism for easy size changes, Cushion-Grip handle, thumb nut for tip locking, and included bits (1/8", 1/4" slotted, #2 Phillips, 1/4", 5/16", 3/8" nut drivers, and TR-4 Schrader®).

Klein Tools 14-in-1 Adjustable Screwdriver (Model 32304)

This versatile screwdriver combines 14 common HVAC driver bits and nut drivers into one tool. Its adjustable-length blade makes it suitable for various applications, including impact driving and reaching tight spaces. The flip socket on the blade end provides additional functionality.



Image: The Klein Tools 14-in-1 Adjustable Screwdriver, showing its extended blade and the bit storage in the handle.

**KLEIN
TOOLS** 

Since 1857

**Blade
release ring**

12 Bits
housed in handle

Adjustable-length blade
can be used with
an impact driver



IMPACT RATED

Image: A diagram illustrating the 14-in-1 screwdriver's features, including the blade release ring, 12 bits housed in the handle, adjustable-length blade, and its impact-rated design.



Since 1857



12 commonly used HVAC bits and 2 nut drivers housed in one tool

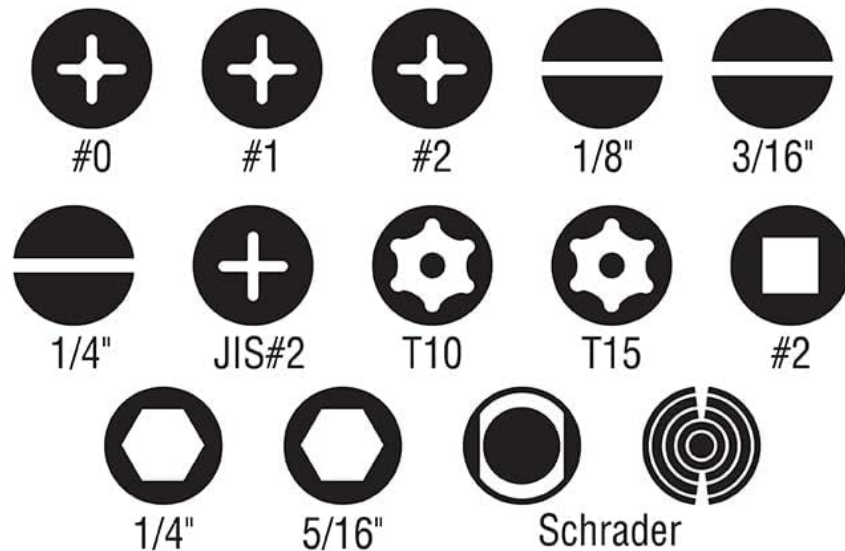


Image: A visual representation of the 12 commonly used HVAC bits and 2 nut drivers included and housed within the 14-in-1 tool, featuring various Phillips, Slotted, Torx, Square, and Hex sizes, plus a Schrader valve core remover.

SETUP AND BIT INSTALLATION

For 8-in-1 HVAC Slide Drive Tool (Model 32596)

1. **Selecting a Bit:** Identify the required bit from the included selection (1/4-Inch and 3/8-Inch hollow nut drivers, #2 Phillips, 1/8-Inch (3 mm) and 1/4-Inch (6 mm) slotted screwdriver tips, TR-4 Schrader).
2. **Inserting Bits:** Push the desired bit firmly into the magnetic tip of the shaft. The magnetic tip will hold the bit securely.
3. **Using SlideDrive™:** For nut drivers, the SlideDrive™ mechanism allows for easy switching between 1/4-inch and 5/16-inch sizes. Simply slide the collar to expose the desired nut driver size. The thumb nut locks the tip in place for secure operation.



Image: A person demonstrating the use of the Klein Tools 8-in-1 HVAC Slide Drive Tool, showing how the shaft detaches from the handle for bit access or adjustment.

For 14-in-1 Adjustable Screwdriver (Model 32304)

1. **Accessing Bits:** The handle stores 12 bits. To access them, pull the blade out of the handle. The bits are organized in a rotating carousel within the handle.
2. **Inserting Bits:** Select the required bit and insert it into the hex opening at the end of the blade. Ensure it is fully seated.
3. **Adjusting Blade Length:** The blade is adjustable. Pull the blade out to extend it for longer reach or push it in for compact use. The blade locks into position.
4. **Using the Flip Socket:** The end of the blade features a flip socket with three positions for different nut driver sizes (e.g., 1/4-inch and 5/16-inch). Rotate or flip the socket to select the appropriate size.

OPERATING INSTRUCTIONS

General Use

- Always select the correct bit or nut driver size for the fastener to prevent damage to the fastener or the tool.
- Apply firm, steady pressure while turning to prevent cam-out.
- Ensure the bit is fully engaged with the fastener head before applying torque.

Specific Applications

- **HVAC Tasks:** Both tools are ideal for HVAC applications, including working with Schrader valves, thermostat adjustments, and panel fastening.
- **Tight Spaces:** The adjustable blade of the 14-in-1 screwdriver allows for shorter configurations, making it suitable for confined areas.
- **Impact Driving (14-in-1 only):** The 14-in-1 Adjustable Screwdriver is impact-rated. It can be used as an attachment with an impact driver for high-torque applications. Ensure the blade is securely locked in place when used with an impact driver.

MAINTENANCE

- **Cleaning:** Wipe down the tools with a clean, dry cloth after each use to remove dirt, grease, and debris. For stubborn grime, a mild detergent solution can be used, followed by thorough drying.
- **Storage:** Store tools in a dry environment to prevent rust. Keep bits organized within their respective tools to avoid loss.
- **Inspection:** Periodically inspect bits and nut drivers for wear or damage. Replace worn bits to maintain optimal performance and prevent fastener damage.
- **Magnetic Tip:** The magnetic tip on the 8-in-1 tool may collect metallic dust. Clean it regularly to maintain magnetic strength.

TROUBLESHOOTING

- **Bit Slipping:** Ensure the correct bit size is used for the fastener. Check the bit for wear; replace if necessary. For the 8-in-1, ensure the thumb nut is tightened to lock the tip.
- **Difficulty Changing Bits/Sizes (8-in-1):** Ensure the SlideDrive™ mechanism is clean and free of debris. Apply a small amount of light lubricant if movement is stiff.
- **Blade Not Locking (14-in-1):** Check for debris in the blade release mechanism. Ensure the blade is fully inserted or extended until it clicks into place.
- **Bits Falling Out of Handle (14-in-1):** Ensure the blade is fully inserted into the handle to secure the bit carousel.

SPECIFICATIONS

Feature	Description
Brand	Klein Tools
Number of Items	2 (8-in-1 and 14-in-1 tools)
Head Style	Flat, Hex, Phillips
Material	Chrome Vanadium Steel

Feature	Description
Special Features	Magnetic Tip (8-in-1), Adjustable Length (14-in-1), Impact Rated (14-in-1)
Recommended Uses	Home Improvement, HVAC

WARRANTY AND SUPPORT

Klein Tools products are manufactured to the highest standards of quality and durability. For information regarding warranty coverage, product registration, or technical support, please visit the official Klein Tools website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Official Website: www.kleintools.com