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KLEIN TOOLS 32787S

Klein Tools 32787S Slim Micro-Ratchet ProFlex Impact Driver Bit Set - User Manual

Model: 32787S | Brand: KLEIN TOOLS

1. Product Overview

The Klein Tools 32787S Slim Micro-Ratchet ProFlex Impact Driver Bit Set is a 20-piece tool kit designed for accessing fasteners in confined spaces. It includes a low-profile micro-ratchet, 18 impact-rated ProFlex bits made from S2 steel, and a magnetic bit holder, all housed in a compact, MODbox compatible storage case.

Key Features:

- **Low-Profile Micro-Ratchet:** Engineered for maximum access and control in tight spaces, providing extra torque.
- **ProFlex Torsion Zone Bits:** Features an energy-absorbing design to reduce torsional stress, extending bit life and improving impact performance.
- **Compact Storage Case:** Ultra-slim profile allows for easy portability in tool pouches, pockets, or storage bins.
- **MODbox Compatible:** The case includes an extending back latch for connection to larger Klein Tools MODbox cases and other slim-storage cases.
- **Secure-Pivot Bit Storage:** Pivot slots firmly hold bits in place, preventing accidental loss while ensuring easy access.
- **Magnetic Bit Holder:** A strong magnetic bit holder is included to firmly secure fasteners for one-handed driving.

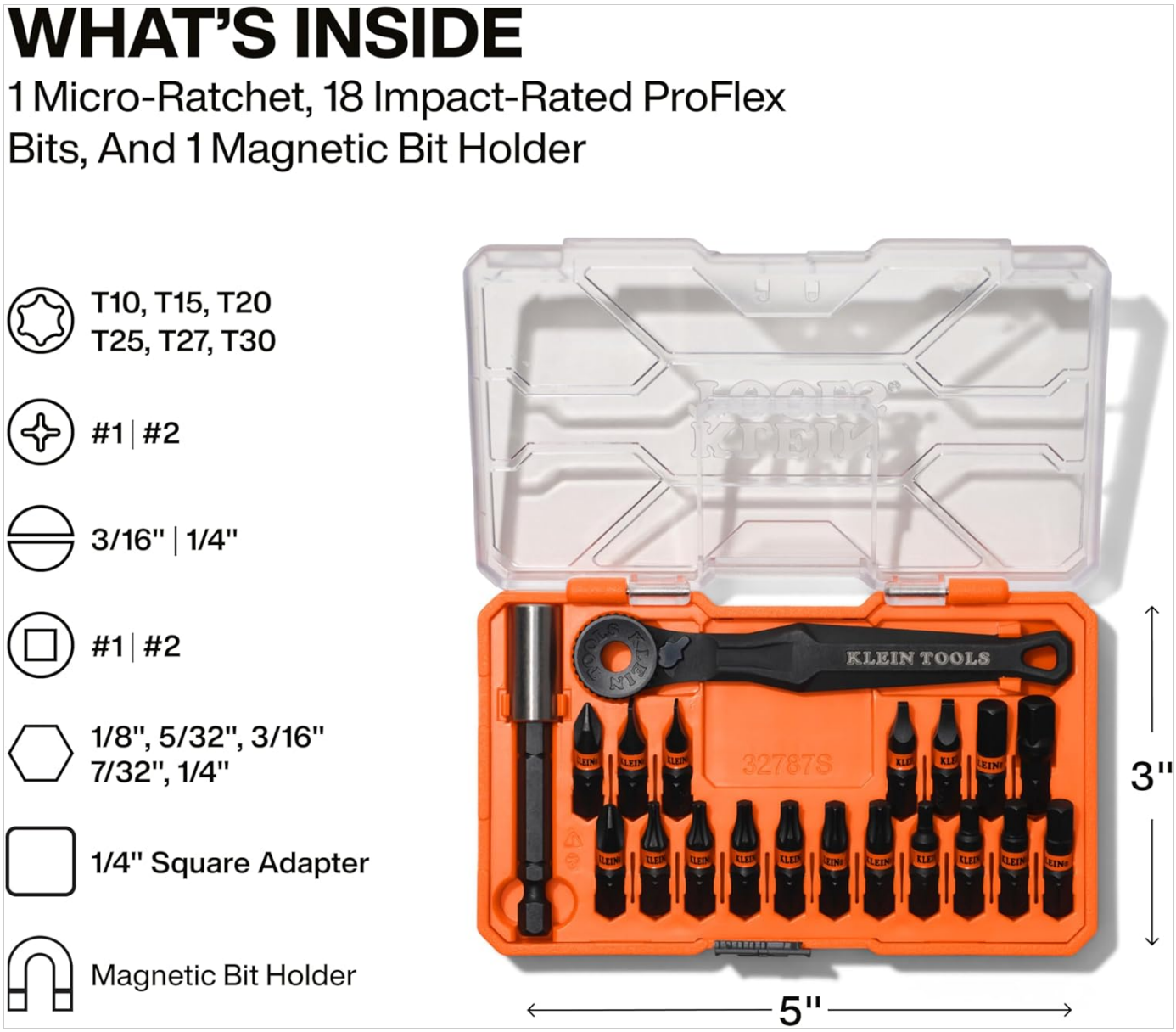


Figure 1: Contents of the Klein Tools 32787S set, including the micro-ratchet, 18 ProFlex bits, and magnetic bit holder, organized within the storage case.

2. Setup and Assembly

The Klein Tools 32787S set comes pre-assembled in its storage case. No complex assembly is required before initial use.

2.1 Unpacking the Set

1. Open the latches on the storage case to access the tools.
2. Familiarize yourself with the micro-ratchet, the various ProFlex bits, and the magnetic bit holder.

2.2 Attaching Bits to the Micro-Ratchet

1. Select the appropriate ProFlex bit for your application from the secure-pivot storage slots.
2. Insert the hexagonal end of the bit firmly into the drive opening of the micro-ratchet. Ensure it is fully seated.



Figure 2: The low-profile micro-ratchet with a ProFlex bit inserted, ready for use in tight spaces.

2.3 Using the Magnetic Bit Holder

1. Insert a ProFlex bit into the magnetic bit holder. The magnet will secure the bit.
2. The magnetic bit holder can then be used with an impact driver or other power tools for quick transitions.

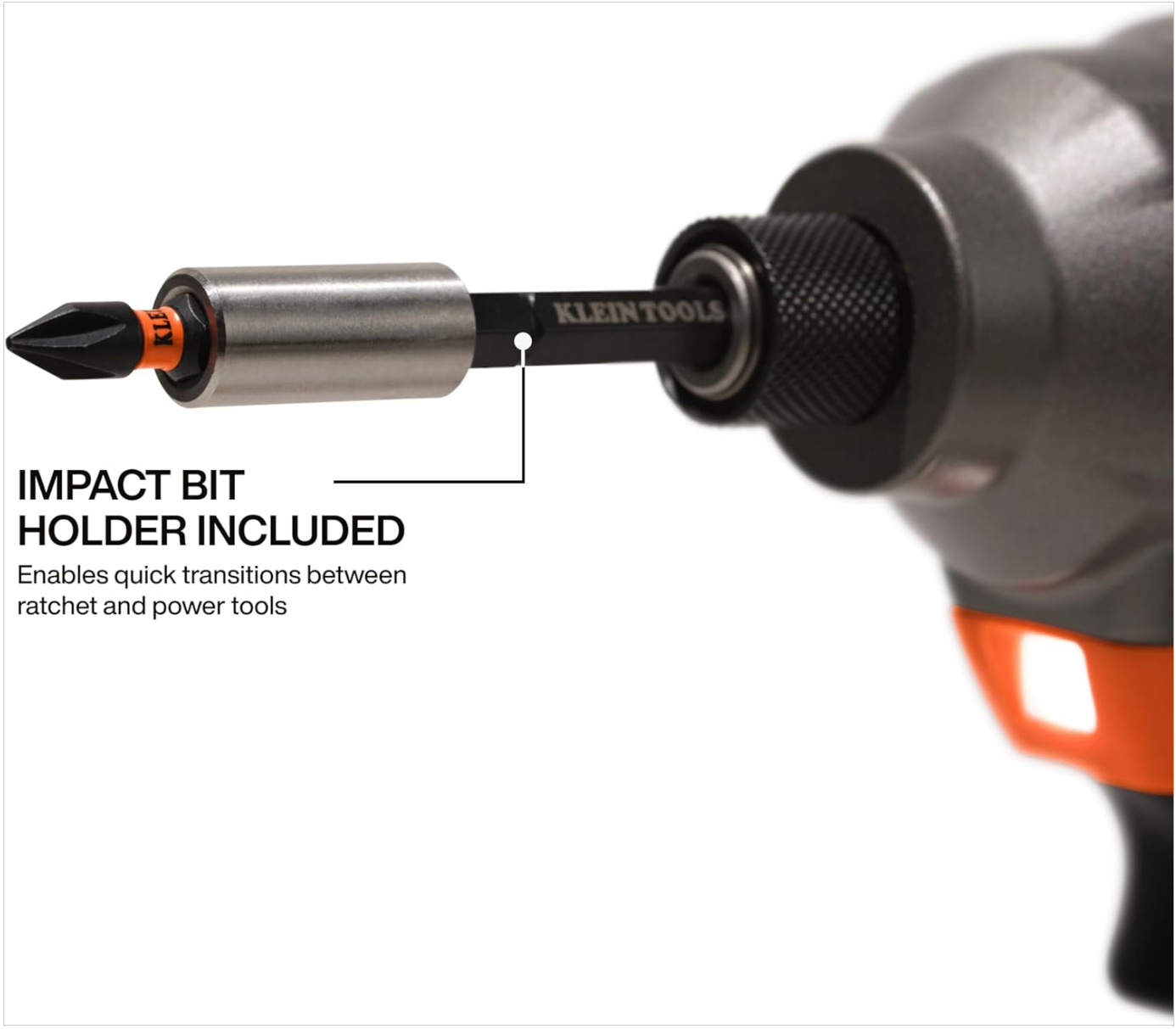


Figure 3: The magnetic bit holder with a ProFlex bit, demonstrating its use with an impact driver for efficient fastening.

3. Operating Instructions

3.1 Using the Micro-Ratchet

1. Select the correct bit for the fastener.
2. Insert the bit into the micro-ratchet.
3. Place the bit onto the fastener head.
4. Rotate the ratchet handle to tighten or loosen the fastener. The low-profile design allows access in confined areas.

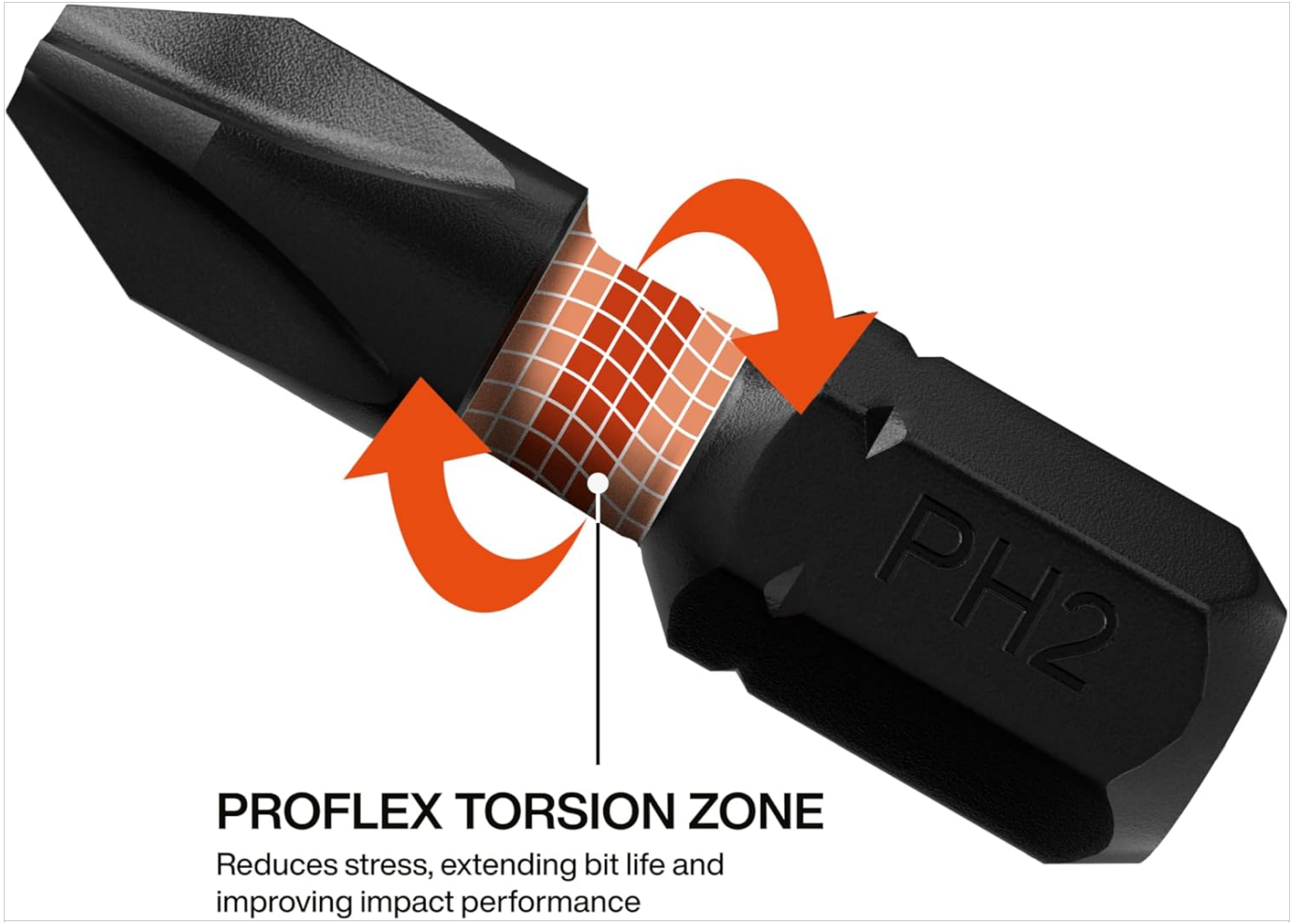


Figure 4: A detailed view of a ProFlex bit, highlighting the torsion zone designed to absorb impact and extend bit life.

3.2 Bit Storage and Organization

The storage case features secure-pivot bit storage, ensuring bits remain organized and accessible.

1. To remove a bit, pivot the storage slot to lift the bit for easy grasping.
2. To store a bit, place it back into its designated slot and pivot the slot back down to secure it.



Figure 5: The secure-pivot bit storage system, showing how bits are held firmly in place within the case.

3.3 MODbox Compatibility

The storage case is designed to integrate with the Klein Tools MODbox system.

1. Extend the back latch on the case.
2. Align the latch with the corresponding connection points on a larger Klein Tools MODbox case or another slim-storage case.
3. Secure the connection to create a modular storage solution.



Figure 6: The extending back latch on the storage case, illustrating its compatibility with the Klein Tools MODbox system for expanded storage.

4. Maintenance and Care

Proper maintenance ensures the longevity and performance of your Klein Tools set.

- **Cleaning:** Wipe tools and case with a clean, dry cloth after each use to remove dirt, dust, and debris. For stubborn grime, a slightly damp cloth can be used, followed by thorough drying.
- **Storage:** Always store the micro-ratchet and bits in their designated slots within the compact storage case. Keep the case closed and latched to prevent loss and protect the tools from environmental elements. Store in a dry environment.
- **Inspection:** Periodically inspect bits for wear, damage, or corrosion. Replace any worn or damaged bits to maintain optimal performance and prevent damage to fasteners. Check the micro-ratchet mechanism for smooth operation.
- **Lubrication:** The micro-ratchet mechanism is generally maintenance-free. Avoid applying excessive lubricants unless specifically recommended by Klein Tools, as this can attract dirt.

5. Troubleshooting

This section addresses common issues you might encounter with your tool set.

5.1 Bit Slipping from Fastener

- **Cause:** Incorrect bit size, worn bit, or insufficient pressure.
- **Solution:** Ensure you are using the correct bit size for the fastener. Replace worn bits. Apply firm, consistent pressure while turning.

5.2 Micro-Ratchet Not Engaging

- **Cause:** Debris in the mechanism or excessive force applied.
- **Solution:** Ensure the ratchet head is clean. Avoid over-torquing the ratchet beyond its intended use. If the issue persists, contact Klein Tools customer support.

5.3 Bits Falling Out of Storage Case

- **Cause:** Secure-pivot slots not properly closed or case latches not secured.
- **Solution:** Ensure each bit is fully seated in its slot and the pivot mechanism is closed. Always close and latch the main case securely before transport.

6. Specifications

Attribute	Value
Brand	KLEIN TOOLS
Model Number	32787S
Item Length	5.1 inches
Material	Alloy Steel (S2 Steel for bits)
Finish Type	Painted
Number of Items	20 (1 Micro-Ratchet, 18 Bits, 1 Magnetic Bit Holder)
Drive System	Hexagonal
Item Weight	254 g
UPC	092644329623
Manufacturer	Klein Tools
Country of Publication	Taiwan



Figure 7: The compact size of the Klein Tools 32787S set, shown next to a smartphone for scale, highlighting its portability.

7. Warranty and Support

Klein Tools products are manufactured to high standards of quality and durability. For specific warranty information and terms, please refer to the official Klein Tools website or contact their customer service directly.

7.1 Customer Support

If you have any questions, require technical assistance, or need to report an issue with your product, please visit the official Klein Tools website for support resources, FAQs, and contact information.
Official Klein Tools Website: www.kleintools.com

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