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› [KLEIN TOOLS](#) /

› [Klein Tools D228-8 Diagonal Cutting Pliers Instruction Manual](#)

KLEIN TOOLS D228-8

Klein Tools D228-8 Diagonal Cutting Pliers Instruction Manual

Model: D228-8 | Brand: KLEIN TOOLS

1. PRODUCT OVERVIEW

The Klein Tools D228-8 Diagonal Cutting Pliers are high-leverage cutting pliers designed for professional use. They feature a durable construction with induction hardened knives for long-lasting cutting performance and hot-riveted joints for smooth action without wobble. The design provides increased cutting power, making them suitable for various cutting tasks in electrical and general construction applications.



Image: Front view of the Klein Tools D228-8 Diagonal Cutting Pliers, showcasing their red handles and polished steel jaws.

2. SAFETY INFORMATION

Always prioritize safety when using any hand tool. Adhere to the following guidelines:

- **Eye Protection:** Always wear approved eye protection when using these pliers to prevent eye injuries from flying debris or wire clippings.
- **Not Insulated:** These pliers are **NOT INSULATED**. The dipped plastic handles are not designed for protection against electrical shock. Do not use on live electrical circuits.
- **Proper Use:** Use the tool only for its intended purpose of cutting wires and soft metals. Do not use as a hammer, pry bar, or for striking.
- **Inspect Before Use:** Before each use, inspect the pliers for any signs of damage, such as bent jaws, cracked handles, or dull cutting edges. Do not use damaged tools.
- **Keep Clean:** Keep the tool clean and free of grease or oil to ensure a secure grip.

3. FEATURES

The Klein Tools D228-8 Diagonal Cutting Pliers incorporate several design elements for enhanced performance and durability:

- **High-Leverage Design:** The rivet is positioned closer to the cutting edge, providing 36% more cutting power compared to other plier designs.
- **Induction Hardened Knives:** The cutting edges are induction hardened for superior durability and long-lasting sharpness, ensuring consistent, clean cuts.
- **Hot-Riveted Joint:** Ensures smooth action and prevents handle wobble, contributing to the tool's longevity and reliable performance.
- **Durable Construction:** Made from forged steel for maximum strength and durability.
- **Comfortable Handles:** Features red plastic-dipped handles for a comfortable and secure grip during prolonged use.
- **Jaw Thickness:** Equipped with a 7/16 inch jaw thickness.



Image: Diagram highlighting key features of the pliers, including short, beveled jaws for closer cutting, hot-riveted joint for smooth action, induction hardened knives for long-lasting cuts, and forged steel for maximum durability.

4. SETUP

The Klein Tools D228-8 Diagonal Cutting Pliers are ready for use out of the packaging. No assembly is required.

- **Unpacking:** Carefully remove the pliers from their packaging.
- **Initial Inspection:** Before first use, visually inspect the pliers for any manufacturing defects or shipping damage. Ensure the jaws open and close smoothly without excessive play.
- **Cleanliness:** Wipe down the pliers with a clean, dry cloth to remove any protective oils or debris from manufacturing.

5. OPERATING INSTRUCTIONS

These diagonal cutting pliers are designed for efficient and precise cutting of various materials, primarily wires and soft metals. Follow these steps for optimal use:

1. **Grip:** Hold the pliers firmly in your dominant hand, ensuring a secure and comfortable grip on the red plastic-dipped handles.
2. **Position Material:** Place the material to be cut as far back into the jaws as possible. This utilizes the high-leverage design for maximum cutting force.
3. **Apply Pressure:** Squeeze the handles together with steady, firm pressure until the material is cleanly cut. Avoid twisting the pliers during the cut.
4. **Material Compatibility:** These pliers are ideal for cutting copper, aluminum, and soft steel wires. Do not attempt to cut hardened steel, screws, or other materials beyond the tool's capacity, as this can damage the cutting edges.



Image: A person wearing safety gloves using the Klein Tools D228-8 pliers to cut electrical wire in a professional setting, demonstrating proper usage.



Image: A worker in a high-visibility vest and safety gloves using the Klein Tools D228-8 pliers to cut wire near a metal conduit, illustrating the tool's application in a work environment.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Klein Tools D228-8 pliers:

- **Cleaning:** After each use, wipe the pliers clean with a dry cloth to remove dirt, dust, or debris. For stubborn grime, a mild solvent can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a few drops of light machine oil to the pivot joint. Open and close the pliers several times to distribute the oil evenly. This helps maintain smooth action and prevents rust.
- **Storage:** Store the pliers in a dry environment to prevent rust. Keep them away from corrosive materials.
- **Edge Care:** Avoid dropping the pliers or using them to cut materials harder than their intended capacity, as this can chip or dull the cutting edges. Sharpening of the induction hardened edges is generally not recommended and may void warranty.

7. TROUBLESHOOTING

Common issues and their solutions:

Problem	Possible Cause	Solution
Jaws feel stiff or sticky.	Lack of lubrication; dirt/debris in joint.	Clean the pivot joint thoroughly and apply light machine oil. Work the joint to distribute the oil.
Cutting edges appear dull or chipped.	Attempting to cut materials beyond capacity; accidental dropping.	Avoid cutting hardened materials. If severely damaged, the tool may need replacement.
Handles feel loose or wobble.	Wear and tear on the hot-riveted joint (uncommon for Klein Tools).	If the wobble is significant and affects performance, contact Klein Tools customer support for assistance.
Rust formation on metal parts.	Exposure to moisture; improper storage.	Clean off rust with a wire brush or fine abrasive, then apply a rust-preventative oil. Store in a dry place.

8. SPECIFICATIONS

Attribute	Detail
Model Number	D228-8
Manufacturer	Klein Tools
Size	20.32 cm (8 inches)
Color	Red
Style	Tool Set (referring to the type of tool)
Finish	Steel
Material	Metal (Alloy Steel for handle)
Power Source	Hand Powered
Number of Pieces	1
Blade Edge	Standard
Measurement System	Metric
Usage	Professional
Product Dimensions	7.62 x 11.3 x 0.25 cm; 17.01 g

9. WARRANTY AND SUPPORT

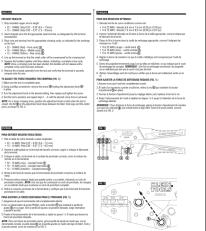
Klein Tools products are known for their quality and durability. For specific warranty information and customer support, please refer to the official Klein Tools website or contact their customer service directly.

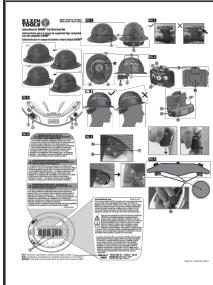
- Returns:** This product typically offers a 30-day return period. Please check with your retailer for their specific return policy.
- Manufacturer Support:** For technical assistance, warranty claims, or product inquiries, visit the [Klein Tools Official Website](#)

or contact their customer service department.

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Related Documents - D228-8

	<p>Klein Tools 3005CR Crimping Tool Instructions</p> <p>Instructions for using the Klein Tools 3005CR crimping tool, including proper wire stripping, terminal insertion, crimping procedures, and force adjustment. The document is available in English and Spanish.</p>
	<p>Klein Tools Classic & Quick-Adjust Klaw™ Pump Pliers</p> <p>Detailed information on Klein Tools Classic and Quick-Adjust Klaw™ Pump Pliers, featuring V-jaw design, enhanced gripping, wide jaw opening, and adjustable positions. Includes specifications and model numbers.</p>
	<p>Klein Tools VDV500-705 Tone & Probe Test & Trace Kit User Manual</p> <p>User manual and operating instructions for the Klein Tools VDV500-705 Tone & Probe Test & Trace Kit, detailing features, specifications, and usage for wire identification and tracing.</p>
	<p>Klein Tools BC515C Rail Hot Stick Holder Installation and Assembly Instructions</p> <p>Detailed instructions for installing and assembling the Klein Tools BC515C Rail Hot Stick Holder, including safety warnings, part details, and cleaning procedures.</p>
	<p>Klein Tools MM450 Auto-Ranging TRMS Digital Multimeter Instruction Manual</p> <p>Explore the Klein Tools MM450 Auto-Ranging TRMS Digital Multimeter with this comprehensive instruction manual. Learn about its features for measuring AC/DC voltage, current, resistance, capacitance, frequency, temperature, and more. Includes detailed specifications and safety guidelines.</p>



[Klein Tools KARBNT™ Full-Brim Hard Hat: User Manual, Specs & Safety Guide](#)

Detailed instructions and specifications for the Klein Tools KARBNT™ Full-Brim Hard Hat (Models 60626, 60345, 60346, 60347). Covers general specifications, fitting, adjustments, maintenance, safety warnings, and accessory compatibility.