

Wera 05006159001

Wera 162i PH 2 x 200 mm VDE-Insulated Phillips Screwdriver

Model: 05006159001

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1. INTRODUCTION

The Wera Kraftform Plus 162i PH VDE Phillips #2 Insulated Screwdriver is engineered for professional use, providing safety and efficiency for electrical applications. This manual provides essential information for the safe and effective use, maintenance, and care of your screwdriver.

2. SAFETY INFORMATION

WARNING: Always ensure power is disconnected before working on electrical systems, even when using insulated tools. This tool is designed to reduce the risk of electrical shock, but proper safety procedures must always be followed.

- **VDE Insulation:** This screwdriver features VDE-insulated blades, rigorously tested in a water bath at 10,000 volts to guarantee safe working standards up to 1,000 Volts AC.
- **Temperature Resistance:** The insulation is designed to withstand extreme temperatures, ensuring reliability even in conditions down to -40°C.
- **Regular Inspection:** Before each use, visually inspect the insulation for any signs of damage, cracks, or wear. Do not use the screwdriver if the insulation is compromised.
- **Proper Use:** Use the screwdriver only for its intended purpose. Do not use it as a pry bar or chisel.



VDE TOOL

Image: VDE 1000V C and VDE TOOL certification marks, indicating compliance with safety standards for working with live electrical components up to 1000V.



Image: A kilovolt meter indicating a 1000V test, demonstrating the rigorous electrical safety testing performed on the screwdriver.

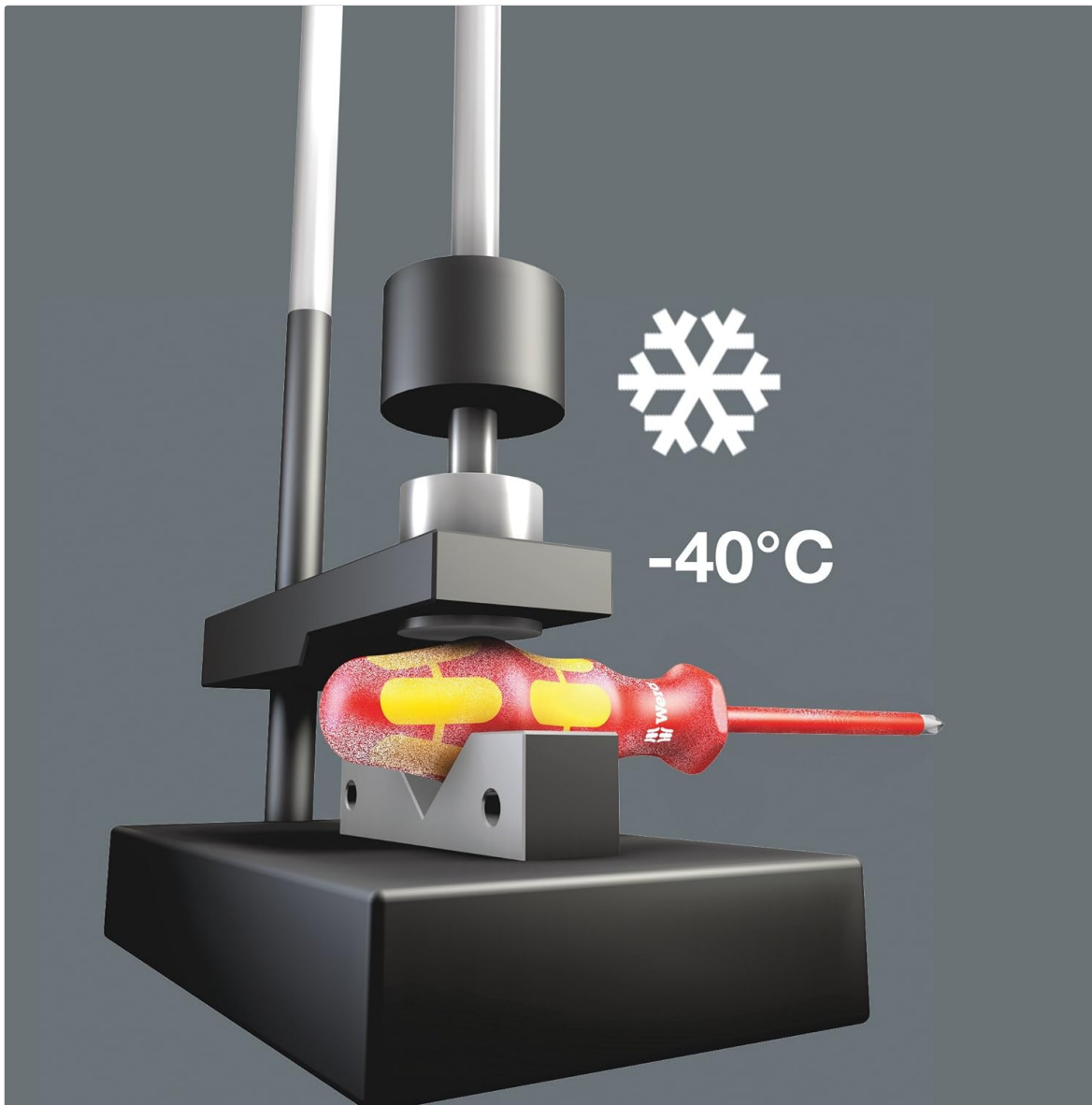


Image: A Wera screwdriver being subjected to a cold impact test at -40°C, highlighting its durability and insulation integrity in extreme temperatures.

3. SETUP

Your Wera VDE-insulated screwdriver requires minimal setup. Upon receiving the tool, perform the following steps:

1. **Unpacking:** Carefully remove the screwdriver from its packaging.
2. **Initial Inspection:** Examine the entire screwdriver, especially the red insulation along the shaft and handle, for any visible damage, cracks, or imperfections. Ensure the Phillips #2 tip is intact and free from burrs.
3. **Familiarization:** Take note of the handle markings for quick identification and the ergonomic design.

4. OPERATING INSTRUCTIONS

The Wera 162i PH 2 x 200 mm screwdriver is designed for precision and comfort. Follow these guidelines for optimal performance:

- **Selecting the Correct Tip:** Ensure the Phillips #2 tip matches the screw head. Using the wrong size can damage both the screw and the screwdriver tip.
- **Lasertip Technology:** The Lasertip micro-rough drive tip is designed to bite into the screw head, reducing cam-out effect and ensuring a secure fit. Apply firm, consistent pressure while turning.

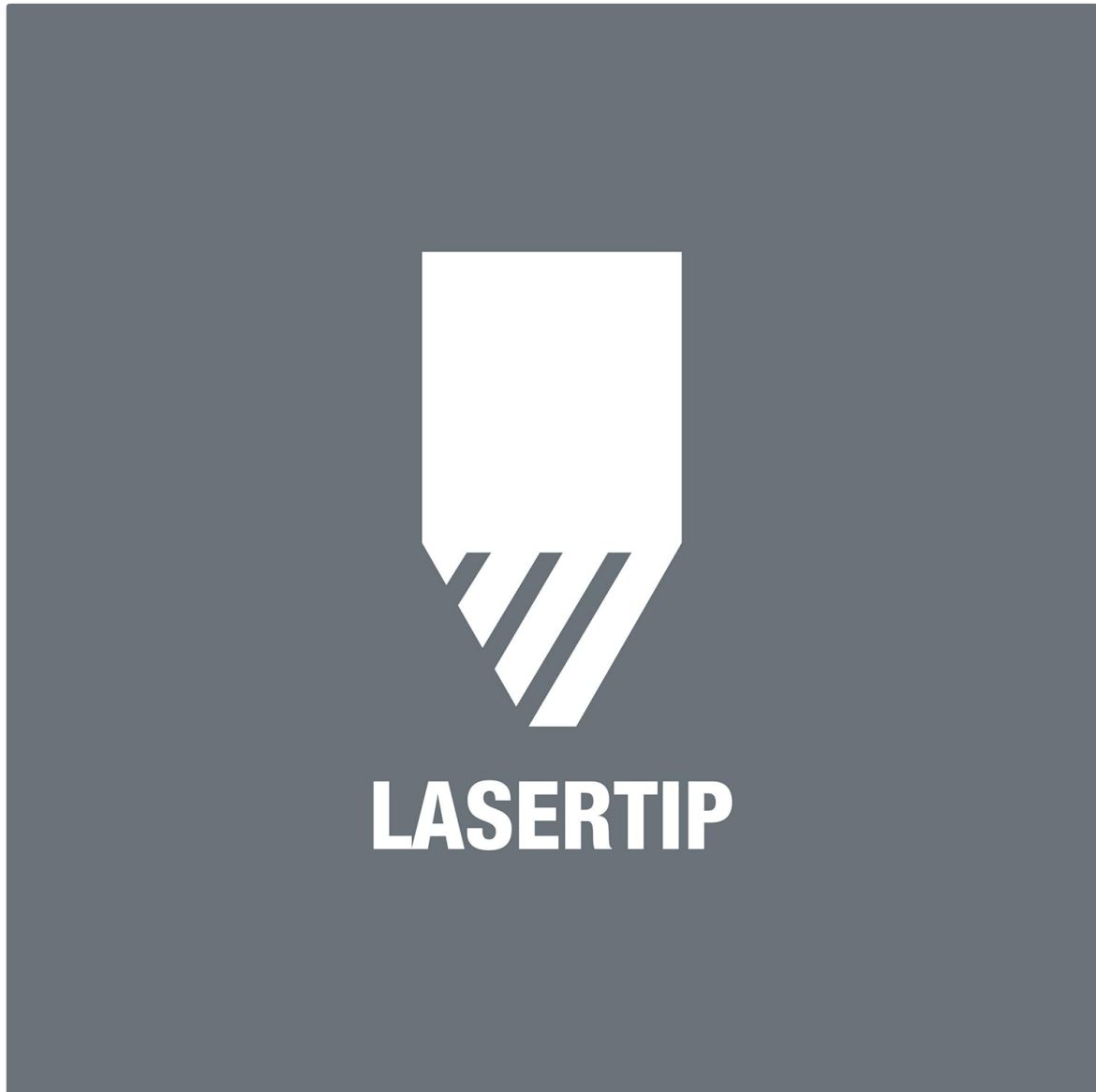


Image: A close-up view of the screwdriver tip, highlighting the Lasertip feature which provides enhanced grip and reduces slippage.

- **Kraftform Handle:** The ergonomic Kraftform handle features hard zones for high working speeds and soft zones for high torque transfer, conforming to the hand's shape for comfort and efficiency.



KRAFFTFORM ERGONOMICS

Image: The Krafftform Ergonomics logo, representing the scientifically designed handle for comfortable and efficient use.

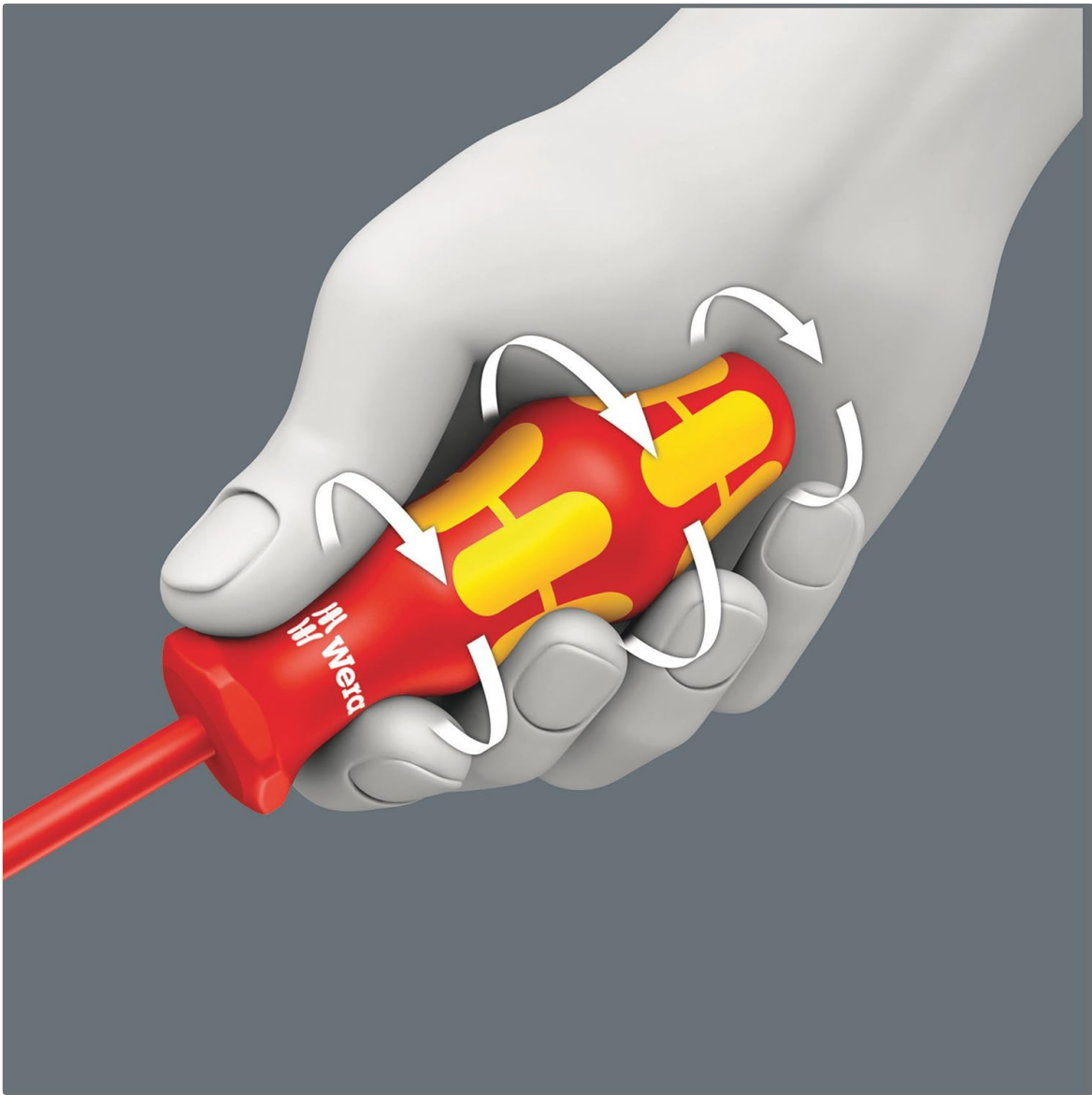


Image: A hand gripping the Kraftform handle, illustrating how the soft zones provide comfort and allow for high torque transfer.

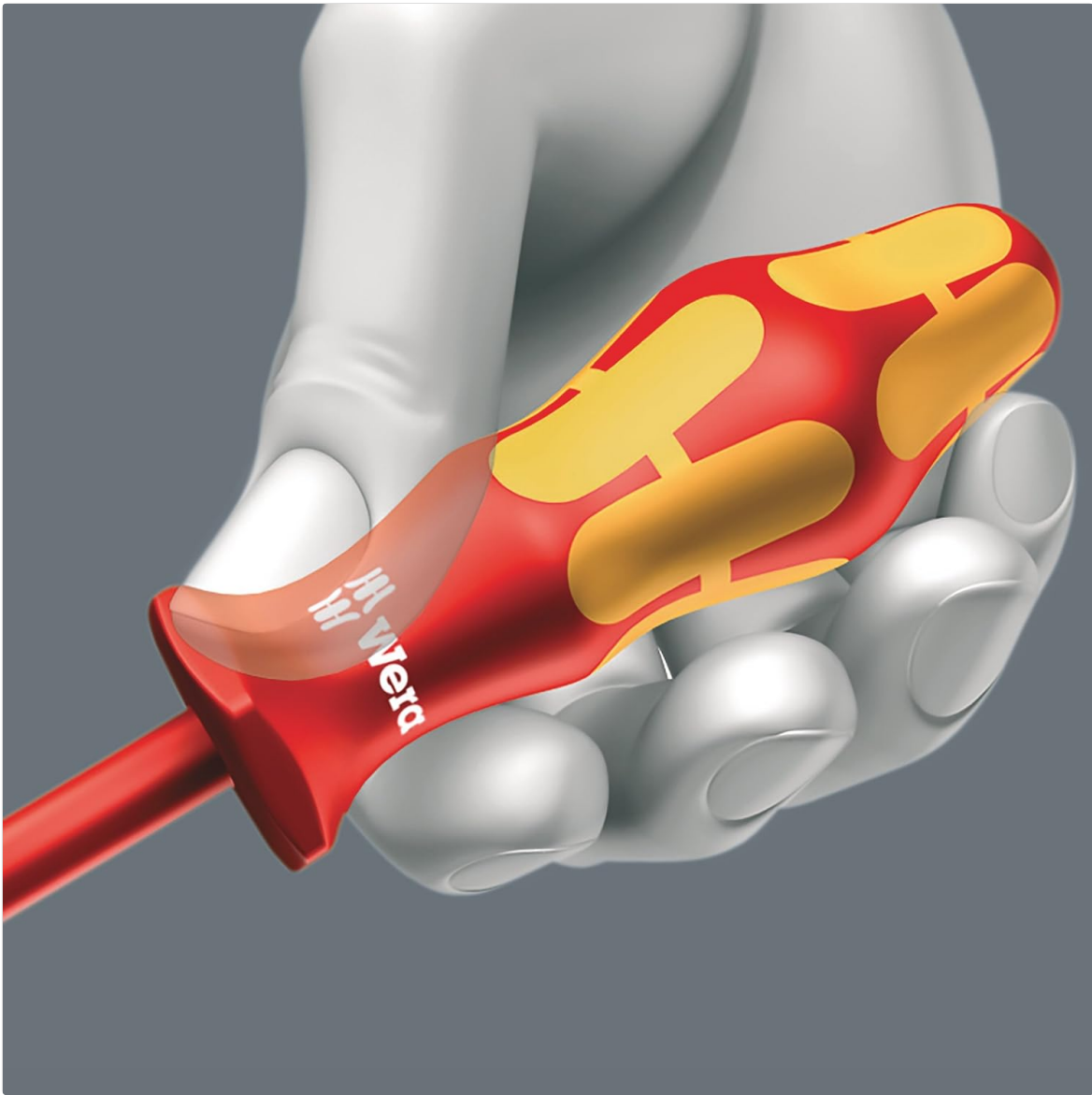
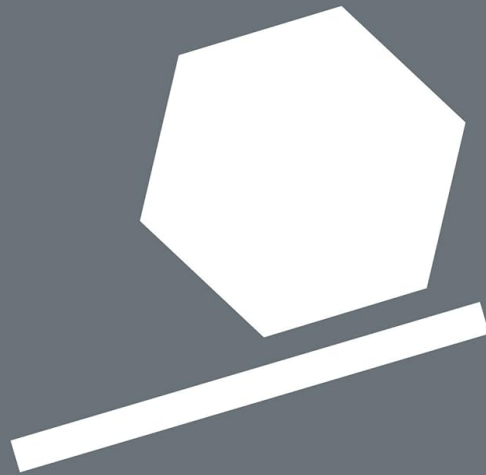


Image: A hand gripping the Kraftform handle, showing how the hard zones facilitate quick repositioning and high working speeds.

- **Anti-Roll Protection:** The hexagonal shape at the base of the handle prevents the screwdriver from rolling away on flat surfaces, enhancing workplace safety and convenience.



ANTI ROLL-OFF

Image: An icon representing the Anti Roll-Off feature, which is the hexagonal design of the handle base.



Image: A visual representation of the screwdriver's anti-roll feature, showing a red cross over a rolling arrow, indicating the tool will not roll off surfaces.

- **Tool Finder:** The handle marking on top of the handle includes the screw symbol and size of the tip, allowing for easy identification and sorting of tools.



TAKE IT EASY TOOL FINDER

Image: The 'Take It Easy Tool Finder' logo, illustrating the system for quick identification of screwdriver types and sizes.



Image: A close-up of the top of the screwdriver handle, clearly showing the Phillips #2 marking for easy identification.

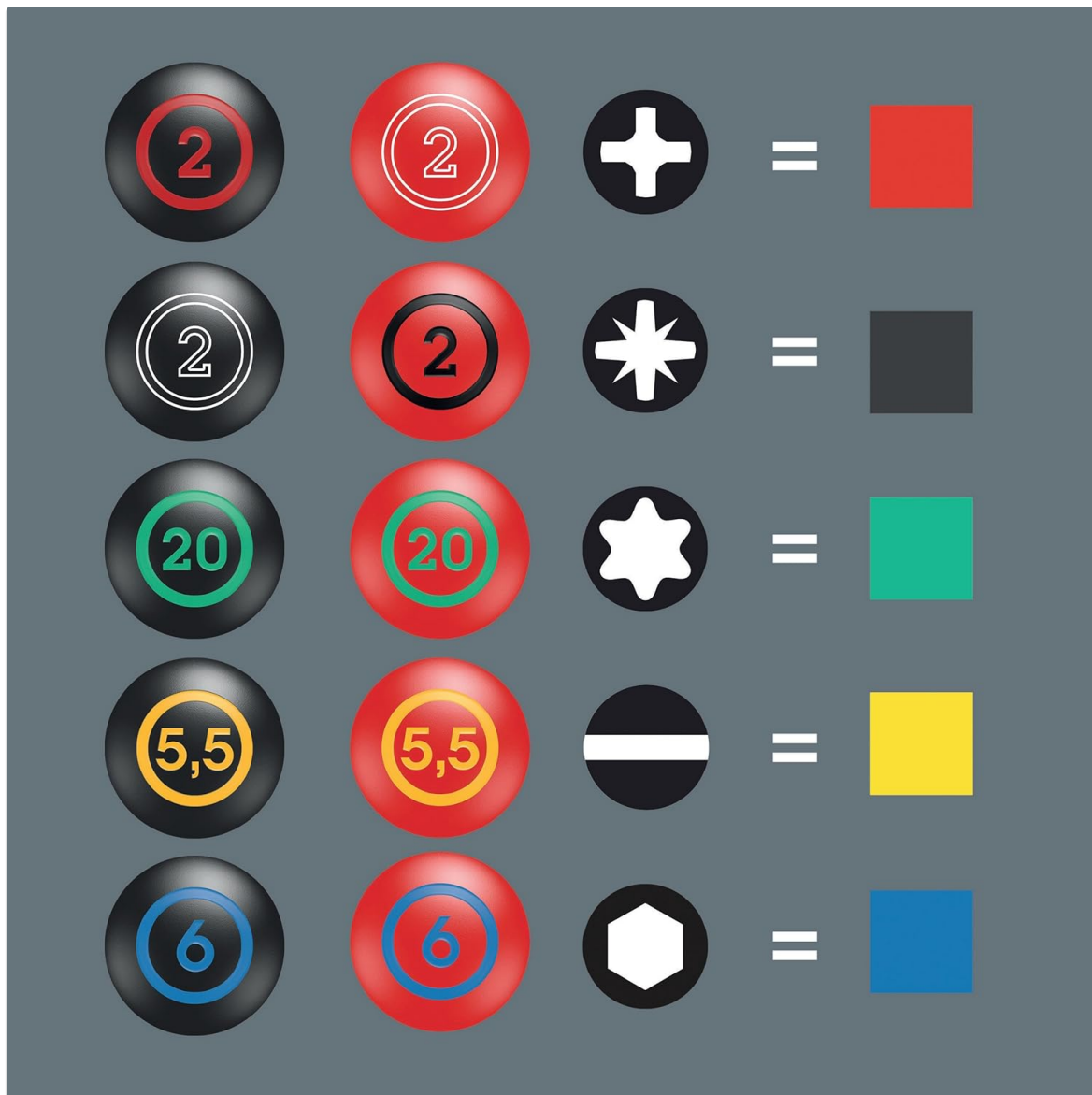


Image: An illustration of Wera's Tool Finder color coding system, which assigns specific colors to different screw head types (e.g., red for Phillips, green for Torx) for quick selection.

5. MAINTENANCE

Proper maintenance ensures the longevity and continued safety of your Wera screwdriver:

- **Cleaning:** Wipe the screwdriver clean with a dry or slightly damp cloth after each use. Avoid harsh chemicals or solvents that could damage the handle material or insulation.
- **Storage:** Store the screwdriver in a dry place, away from direct sunlight and extreme temperatures. Protect the tip from impact to maintain its integrity.
- **Insulation Care:** Never intentionally cut, scratch, or damage the VDE insulation. Any damage to the insulation compromises its protective properties.

6. TROUBLESHOOTING

If you encounter issues with your screwdriver, consider the following:

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem | Possible Cause | Solution |
|---|--|---|
| Screwdriver tip slips or cam-out occurs frequently. | Incorrect tip size for the screw; worn tip; insufficient pressure. | Ensure correct Phillips #2 tip is used. Apply firm, consistent downward pressure. If tip is worn, consider replacement. |
| Insulation shows visible damage (cracks, cuts). | Physical damage during use or storage. | Immediately discontinue use. Damaged insulation compromises safety. Replace the screwdriver. |
| Screwdriver rolls off workbench. | Tool placed on an uneven surface or at an angle that bypasses anti-roll feature. | Ensure the screwdriver is placed on a flat surface, utilizing the hexagonal anti-roll feature. |

7. SPECIFICATIONS

- **Model:** 05006159001
- **Head Style:** Phillips #2
- **Blade Length:** 200 mm (approximately 8 inches)
- **Handle Length:** Approximately 4-9/64 inches
- **Insulation:** VDE-insulated, tested to 10,000V, safe for use up to 1,000V AC
- **Material:** Plastic/Rubber (Handle), Steel/Alloy (Shank)
- **Color:** Red
- **Special Features:** Lasertip, Kraftform ergonomic handle, Anti-roll protection, Tool Finder handle marking
- **Recommended Uses:** Fleet and plant maintenance, electrical work
- **Item Dimensions:** 13.98 x 4.41 x 1.57 inches (overall packaging)
- **Item Weight:** 0.12 Pounds
- **UPC:** 609788960942
- **GTIN:** 609788960942, 04013288105424, 04013288128591

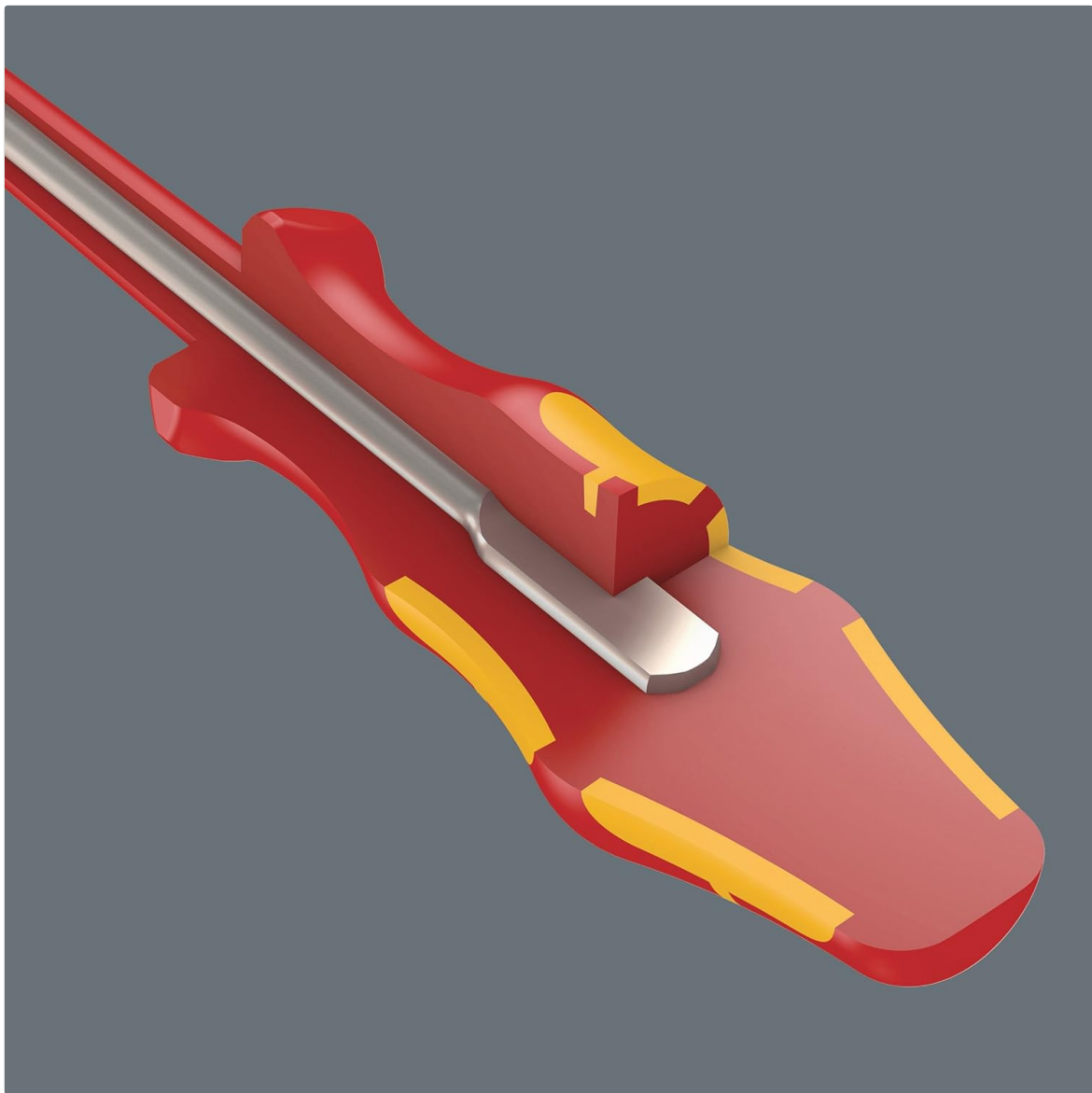


Image: A cross-section view of the screwdriver, illustrating the robust construction of the handle and the integrated insulation around the blade for maximum safety.

8. WARRANTY & SUPPORT

8.1. Warranty Information

This Wera screwdriver comes with a **Limited Lifetime Warranty**. For specific details regarding coverage, terms, and conditions, please refer to the official Wera warranty documentation or contact Wera customer service directly.

8.2. Customer Support

For further assistance, technical inquiries, or to report an issue, please contact Wera Tools customer support. You can typically find contact information on the official Wera website or through your product retailer.

Manufacturer: Wera Tools

EU Spare Part Availability Duration: 2 Years
