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› PB SWISS TOOLS /

› PB Swiss Tools 8127.5-60ESD Swiss Grip ESD Precision Nut Driver User Manual

## PB SWISS TOOLS 8127.5-60ESD

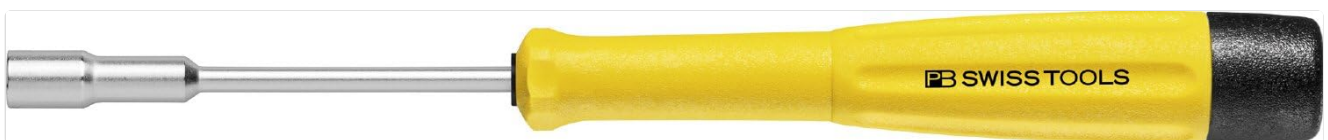
# PB Swiss Tools 8127.5-60ESD Swiss Grip ESD Precision Nut Driver User Manual

## INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use, maintenance, and care of your PB Swiss Tools 8127.5-60ESD Swiss Grip ESD Precision Nut Driver. Designed for precision work, this tool features electrostatic discharge (ESD) protection, making it ideal for sensitive electronic components. Please read this manual thoroughly before using the product.

## PRODUCT OVERVIEW

The PB Swiss Tools 8127.5-60ESD is a high-quality precision nut driver engineered for tasks requiring careful handling of small fasteners, particularly in environments where static electricity is a concern. Its ergonomic Swiss Grip handle ensures comfortable and efficient operation.



An image showing the PB Swiss Tools 8127.5-60ESD Swiss Grip ESD Precision Nut Driver. It features a yellow Swiss Grip handle and a silver hex nut driver shaft.

## Key Features:

- **ESD Protection:** Specifically designed to prevent electrostatic discharge, protecting sensitive electronic components.
- **Swiss Grip Handle:** Ergonomically shaped for comfortable and fatigue-free use, even during prolonged tasks.
- **Precision Hex Head:** Ensures a secure fit for M2.5 hex nuts, minimizing slippage and damage.
- **Durable Construction:** Manufactured with high-quality materials for long-lasting performance and reliability.

## SETUP AND PREPARATION

The PB Swiss Tools 8127.5-60ESD nut driver requires minimal setup. It is ready for use directly out of the

packaging.

1. **Inspection:** Before each use, visually inspect the nut driver for any signs of damage, wear, or deformation. Ensure the shaft is straight and the hex head is free from burrs or damage.
2. **Cleanliness:** Ensure the tool's head and the fastener are clean and free of debris, which could prevent proper engagement.
3. **Work Area:** Prepare your work area, ensuring it is clean, well-lit, and free from obstructions. For ESD-sensitive work, ensure proper grounding procedures are followed.

## OPERATING INSTRUCTIONS

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Follow these steps for effective and safe operation of your nut driver:

1. **Select Correct Size:** Verify that the nut driver's head size (5 mm hex) matches the M2.5 hex nut you intend to fasten or unfasten. Using an incorrect size can damage both the tool and the fastener.
2. **Engage the Fastener:** Place the hex head of the nut driver squarely onto the nut. Ensure full engagement to prevent stripping.
3. **Apply Pressure and Turn:** Apply firm, steady pressure along the axis of the nut driver while turning the handle clockwise to tighten or counter-clockwise to loosen. Avoid excessive force or twisting at an angle, which can lead to cam-out or damage.
4. **ESD Precautions:** When working with sensitive electronics, always ensure you are properly grounded and working on an ESD-safe surface to utilize the tool's ESD protection features effectively.
5. **Avoid Over-tightening:** Tighten fasteners only to the required torque. Over-tightening can damage components or the fastener itself.

## MAINTENANCE

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Proper maintenance ensures the longevity and performance of your PB Swiss Tools nut driver.

- **Cleaning:** After each use, wipe the tool clean with a dry, lint-free cloth. For stubborn grime, a mild cleaning solution can be used, followed by thorough drying. Avoid harsh chemicals or abrasive materials that could damage the handle or shaft.
- **Storage:** Store the nut driver in a dry environment, away from direct sunlight and extreme temperatures. Keep it in a tool organizer or case to prevent damage from other tools.
- **Inspection:** Regularly inspect the tool for any signs of wear, especially the hex head. A worn head can lead to stripping fasteners. Replace the tool if significant wear or damage is observed.

## TROUBLESHOOTING

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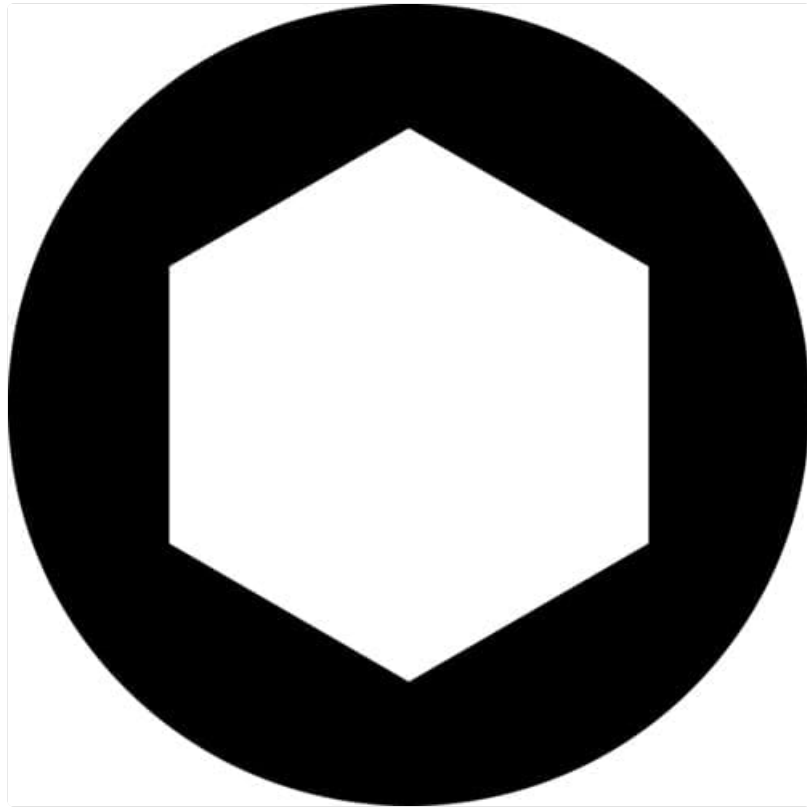
If you encounter issues while using your nut driver, consider the following:

- **Nut Driver Slips or Strips Fastener:**
  - Ensure the nut driver size matches the fastener exactly.
  - Verify the fastener head is not stripped or damaged.
  - Apply firm, axial pressure to ensure full engagement before turning.
  - Inspect the nut driver's hex head for wear; replace if worn.
- **Difficulty Turning Fastener:**
  - The fastener might be seized or corroded. Apply penetrating oil if appropriate for the material.

- Ensure you are turning in the correct direction (righty-tighty, lefty-loosey).

## SPECIFICATIONS

Detailed technical specifications for the PB Swiss Tools 8127.5-60ESD Swiss Grip ESD Precision Nut Driver:



A black and white graphic representing a hexagonal shape, indicating the hex head style of the nut driver.

Attribute	Value
Brand	PB SWISS TOOLS
Model Number	8127.5-60ESD
Head Style	Hex
Head Size	5 mm (No 2)
Compatible Screws	M2.5
Shaft Length	2.4 inches (60 mm)
Total Length	6.0 inches (153 mm)
Weight	0.6 oz (18.7 g) / 0.704 ounces
Material	Swiss Grip (Handle)
Recommended Uses	Craftsman, Electronics Item, Watch
Product Dimensions (L x W x H)	6.02 x 0.98 x 0.98 inches
GTIN (Global Trade Identification Number)	07610733269921

## SAFETY INFORMATION

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Always observe basic safety precautions when using hand tools:

- Wear appropriate personal protective equipment, such as safety glasses, to protect against flying debris.
- Use the correct tool for the job. Do not use this nut driver for prying, chiseling, or other unintended purposes.
- Keep tools clean and in good working condition.
- Store tools safely out of reach of children.
- Do not use damaged or worn tools.
- When working with electricity, always ensure power is disconnected and follow all electrical safety protocols.

## **WARRANTY AND SUPPORT**

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For information regarding warranty coverage, technical support, or service for your PB Swiss Tools product, please refer to the official PB Swiss Tools website or contact their customer service department directly.

You can visit the official PB Swiss Tools store for more information:[PB Swiss Tools Store](#)