

## SUNWAYFOTO DW-02

# SUNWAYFOTO DW-02 Folding Hex Key Wrench Set User Manual

## 1. INTRODUCTION

Welcome to the SUNWAYFOTO DW-02 Folding Hex Key Wrench Set user manual. This document provides essential information for the proper use, maintenance, and care of your new tool. The DW-02 is a compact and durable multi-tool designed for precision adjustments, particularly useful for photography equipment such as tripods, ball heads, and camera cages.

Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

## 2. PRODUCT OVERVIEW

The SUNWAYFOTO DW-02 is a 4-in-1 metric folding hex wrench set. It features a robust casing and high-quality S2 steel alloy bits, designed for durability and ease of use.

### 2.1 Key Features

- **Durable Construction:** The tool casing is made of T6061 grade aluminum, CNC machined with a hard anodized finish for resistance to abrasion and corrosion.
- **Compact and Portable:** Features a hollowed-out foldable design, measuring 79mm x 16mm x 14mm and weighing only 52g (1.8oz), making it suitable for everyday carry (EDC).
- **High-Quality Bits:** Includes S2 steel alloy screw bits, known for high hardness and strong toughness, offering enhanced durability compared to standard tools.
- **Versatile Bit Selection:** Equipped with standard hex bits of 2.5mm, 3mm, 4mm, and 5mm, along with a flat screwdriver base. These sizes are commonly applicable to most tripods and ball heads.
- **Magnetic Bit Storage:** Bits are magnetically attached for secure storage and easy retrieval.

### 2.2 Components

The DW-02 set includes:

- 1 x SUNWAYFOTO DW-02 Folding Tool Casing

- 1 x 2.5mm Hex Key Bit
- 1 x 3mm Hex Key Bit
- 1 x 4mm Hex Key Bit
- 1 x 5mm Hex Key Bit
- 1 x Flat Screwdriver Bit



Image: The SUNWAYFOTO DW-02 folding tool set, showcasing the main unit and its individual hex key and flat screwdriver bits.

# EDC Daily Tool

Standard hex bits of 5mm, 4mm, 3mm and 2.5mm and a flat screwdriver base.



Image: Detailed view of the DW-02 tool, highlighting the various hex key sizes (5mm, 4mm, 3mm, 2.5mm) and the flat screwdriver bit.

## 3. SETUP

The SUNWAYFOTO DW-02 is designed for immediate use with minimal setup required.

### 3.1 Unpacking

Carefully remove the DW-02 tool from its packaging. Inspect the tool for any visible damage. Ensure all listed components are present.

### 3.2 Bit Insertion and Removal

The bits are magnetically held within the tool's casing. To insert a bit, align it with the magnetic slot and push it gently until it seats securely. To remove a bit, pull it directly out from the slot.

# Keychain hole easily attached to keychain avoiding accidental loss.



Image: Illustration of how to insert and remove the magnetically attached bits from the tool's casing.

## 4. OPERATING INSTRUCTIONS

The DW-02 tool is designed for straightforward operation. Follow these steps for effective use:

### 4.1 Selecting and Deploying a Bit

1. Identify the correct hex key size (2.5mm, 3mm, 4mm, or 5mm) or the flat screwdriver bit required for your task.
2. Pull the desired bit from its magnetic storage slot.
3. Insert the bit into the driver end of the tool. Ensure it is fully seated.

### 4.2 Applying Torque

For standard use, hold the tool firmly and rotate to tighten or loosen fasteners. For situations requiring higher torque and minimal effort, turn the bit so it is set perpendicular to the tool casing. This configuration provides increased leverage.

### 4.3 Typical Applications

The DW-02 is ideal for:

- Adjusting and tightening screws on camera tripods.
- Securing ball heads and other camera support accessories.
- Making adjustments to camera cages and L-brackets.
- General small-scale mechanical adjustments requiring hex keys or a flat screwdriver.

# Magnetically attached bits are easily stored and pulled out.

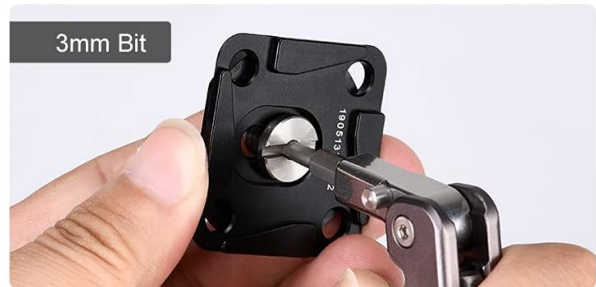
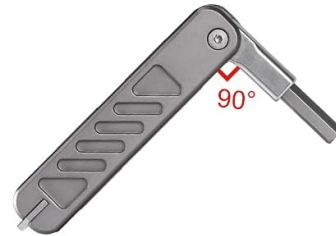


Image: Examples of the DW-02 tool in use, demonstrating its application on different photography accessories.

# Magnetically attached bits are easily stored and pulled out.



Image: The DW-02 tool being used to adjust a screw on a camera accessory.

## 5. MAINTENANCE

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Proper maintenance ensures the longevity and reliable performance of your SUNWAYFOTO DW-02 tool.

### 5.1 Cleaning

Wipe the tool and bits with a clean, dry cloth after each use to remove dirt, dust, or debris. For stubborn grime, a slightly damp cloth can be used, followed by immediate drying. Avoid using harsh chemicals or abrasive cleaners, as these can damage the anodized finish and bit material.

### 5.2 Storage

Store the DW-02 in a dry environment, away from extreme temperatures and humidity. Ensure all bits are securely stored within the magnetic slots to prevent loss. The integrated keychain hole allows for convenient attachment to a keychain or lanyard, reducing the risk of accidental loss.



Image: The keychain hole feature on the DW-02 tool, designed to prevent accidental loss.

## 6. TROUBLESHOOTING

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This section addresses common inquiries regarding the SUNWAYFOTO DW-02 tool.

### 6.1 Bit Not Fitting into Fastener

- **Verify Size:** Ensure you are using the correct hex key size (2.5mm, 3mm, 4mm, or 5mm) for the fastener.
- **Check for Obstructions:** Ensure there is no debris or damage in the fastener head or on the bit itself.

### 6.2 Bits Feel Loose in Storage

- **Re-seat Bits:** Push the bits firmly into their magnetic slots to ensure they are fully seated.
- **Clean Magnets:** Ensure the magnetic areas are free from metallic dust or debris that might reduce magnetic strength.

If you encounter issues not covered here, please refer to the 'Warranty and Support' section for further assistance.

## 7. SPECIFICATIONS

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Detailed technical specifications for the SUNWAYFOTO DW-02 Folding Hex Key Wrench Set:

Feature	Detail
Model Number	DW-02
Brand	SUNWAYFOTO
Material	Aluminum (T6061 grade), S2 Steel Alloy
Color	Silver
Finish Type	Hard Anodized, Powder Coated
Included Hex Key Sizes	2.5mm, 3mm, 4mm, 5mm
Additional Bit	Flat Screwdriver
Head Style	Hex
Item Length	79 mm (3.1 inches)
Item Width	16 mm (0.6 inches)
Item Height	14 mm (0.5 inches)
Item Weight	52 g (1.8 ounces)
Operation Mode	Mechanical
Package Quantity	1
Date First Available	July 13, 2021



Image: Dimensions of the SUNWAYFOTO DW-02 tool.

## 8. WARRANTY AND SUPPORT

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For warranty information, product support, or technical assistance, please contact SUNWAYFOTO customer service through their official website or the retailer from whom you purchased the product. Please retain your proof of purchase for any warranty claims.