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› Drhomeam FPH1/FPH2/FPH3 Electrician Screwdriver Bit Instruction Manual

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Model: FPH1, FPH2, FPH3

INTRODUCTION

This manual provides essential information for the safe and effective use of your Drhomeam FPH1, FPH2, or FPH3 Electrician Screwdriver Bit. Please read these instructions carefully before use and retain them for future reference.

PRODUCT FEATURES

- **Alloy Steel Construction:** Crafted from high-quality alloy steel with a hardness rating of HRC63 for durability and wear resistance.
- **Rust-Proof Finish:** Features a phosphating black treatment for enhanced rust resistance and improved screw engagement.
- **Magnetic Tip:** Integrated magnetism assists in holding screws securely, simplifying operation.
- **Color-Coded for Identification:** Different specifications are color-coded for quick and easy identification.
- **Multiple Sizes and Lengths:** Available in FPH1, FPH2, FPH3 specifications and lengths of 65mm, 110mm, and 150mm to suit various applications.
- **Insulated Holster:** Note that only the colored holster portion of the bit is insulated; the rest of the bit is not.



Image: An assortment of Drhomeam FPH screwdriver bits, displaying different lengths and color-coded sections for easy identification of FPH1, FPH2, and FPH3 types.

SETUP

1. **Select the Correct Bit:** Identify the appropriate FPH (FPH1, FPH2, or FPH3) and length (65mm, 110mm, or 150mm) for your specific screw and application. Refer to the color coding for quick selection.
2. **Insert into Tool:** Securely insert the screwdriver bit into a compatible power drill or manual screwdriver handle. Ensure the bit is fully seated and locked in place to prevent slippage during use.
3. **Safety Check:** Before beginning work, ensure the bit is stable and that you are wearing appropriate personal protective equipment, such as safety glasses.

OPERATING INSTRUCTIONS

1. **Position the Bit:** Place the magnetic tip of the screwdriver bit onto the head of the screw. The magnetic feature will help hold the screw in place.
2. **Apply Pressure:** Apply firm, steady pressure to the screwdriver or drill, ensuring the bit remains engaged with the screw head.

3. **Drive the Screw:** Rotate the screwdriver or activate the drill to drive the screw. Maintain consistent pressure and alignment to prevent cam-out and damage to the screw head or bit.
4. **Electrical Applications:** When working on electrical components, always ensure power is disconnected. The colored holster provides insulation, but the metal shaft is conductive. Exercise extreme caution.



Image: Drhomeam FPH screwdriver bits in use, demonstrating their application in electrical work, such as tightening screws on a circuit breaker and connecting wires within an electrical box.

MAINTENANCE

- **Cleaning:** After each use, wipe the screwdriver bit clean with a dry cloth to remove any dust, debris, or residue.
- **Storage:** Store the bits in a dry environment to prevent moisture accumulation, which can lead to corrosion despite the rust-proof treatment. Keep them organized to easily find the correct size.
- **Inspection:** Periodically inspect the bits for signs of wear, such as rounded edges or damage to the tip. Replace worn bits to ensure optimal performance and prevent damage to screw heads.

TROUBLESHOOTING

- **Bit Slipping (Cam-out):**
 - Ensure you are using the correct FPH size for the screw head.
 - Apply more downward pressure to keep the bit engaged.
 - Check if the bit tip is worn; replace if necessary.
- **Screw Not Holding to Bit:**
 - Verify the bit's magnetic properties are still active.
 - Ensure the screw is made of a ferromagnetic material.
- **Rust Appears:**
 - Ensure bits are stored in a dry environment.
 - Clean bits thoroughly after exposure to moisture.

SPECIFICATIONS

Product Name	Special Cross Screwdriver Bit
Material	Alloy Steel
Hardness	Up to HRC63
Finish	Phosphating Black Treatment
Magnetic	Yes
Optional Sizes	FPH1, FPH2, FPH3
Optional Lengths	65mm, 110mm, 150mm
Insulation	Colored holster only (rest of bit is not insulated)
Product Dimensions (approx.)	2.56 x 0.39 x 0.39 inches (for 65mm length)
Item Weight (approx.)	0.494 ounces (for 65mm length)
Manufacturer	Drhomeam
Model Number	X2PCIPJAP8944NWXXP9228

WARRANTY AND SUPPORT

For warranty information or technical support, please contact your retailer or the manufacturer, Drhomeam. Keep your purchase receipt for any warranty claims. For additional product information, you may visit the [Drhomeam Store on Amazon](#).

