

APEX CAB1PH2-2

APEX 1-inch Insert Full Body PH2 Bit User Manual

Model: CAB1PH2-2

1. INTRODUCTION

The APEX 1-inch Insert Full Body PH2 Bit is a high-quality, durable screwdriver bit designed for professional and home use. As part of the Apex Tool Group portfolio, APEX tools are recognized for their innovation, value, and ability to perform reliably in demanding applications. This PH2 bit is engineered to provide superior grip and extended life, making it an essential tool for fastening applications.



Figure 1: A close-up view of the APEX 1-inch insert full body PH2 bit, showing its black finish and the 'PH2' marking.

2. SETUP

Before using your APEX PH2 bit, ensure you have a compatible power drill or impact driver. This bit is designed for quick and secure insertion into standard 1/4-inch hex chucks.

1. **Select the Right Tool:** Use with an impact driver or power drill that accepts 1/4-inch hex shank bits.
2. **Insert the Bit:** Firmly push the hex end of the APEX PH2 bit into the chuck of your driver until it clicks into place. Ensure it is fully seated to prevent wobbling during operation.
3. **Verify Security:** Gently pull on the bit to confirm it is securely locked in the chuck.



Figure 2: A person using the APEX PH2 bit with an impact driver to fasten a screw on a door lock assembly.



Figure 3: The APEX PH2 bit being used with an impact driver to secure a screw on a door hinge.

3. OPERATING INSTRUCTIONS

The APEX PH2 bit is designed for efficient and reliable fastening. Follow these guidelines for optimal performance:

- **Match Bit to Fastener:** Always use a PH2 bit for Phillips head screws of the appropriate size to ensure

proper engagement and prevent cam-out.

- **Apply Consistent Pressure:** Maintain firm, consistent pressure on the driver, keeping it in line with the screw to prevent stripping the screw head or damaging the bit.
- **Control Speed:** For precise work, start at a lower speed and increase as needed. For impact driving, allow the tool to do the work.
- **Impact Rated:** This bit is impact rated, meaning it is built to withstand the high torque and forces generated by impact drivers, offering increased durability and a 50% better grip compared to standard bits.
- **Material Compatibility:** Suitable for driving screws into various materials including wood, metal, and plastic, depending on the screw type.



Figure 4: Two APEX PH2 bits displayed alongside various screws on a wooden workbench, illustrating their compact size and readiness for use.

4. MAINTENANCE

Proper maintenance will extend the life and performance of your APEX PH2 bits:

- **Cleaning:** After use, wipe the bit clean of any debris, dust, or metal shavings. A dry cloth is usually sufficient. Avoid using harsh chemicals that could corrode the bit.
- **Storage:** Store bits in a dry environment to prevent rust. Keep them organized in a bit holder or case to protect the tips from damage.
- **Inspection:** Periodically inspect the bit tip for signs of wear, rounding, or damage. A worn bit can strip screw heads and reduce efficiency. Replace bits that show significant wear.

5. TROUBLESHOOTING

If you encounter issues while using your APEX PH2 bit, consider the following:

- **Bit Slipping/Cam-out:**

- Ensure the bit is fully seated in the driver's chuck.
- Apply more consistent downward pressure.
- Verify the screw head is clean and free of debris.
- Check if the bit tip is worn; replace if necessary.

- **Screw Head Stripping:**

- This often indicates insufficient pressure or a worn bit.
- Ensure the bit size (PH2) matches the screw head.
- Reduce rotational speed, especially when starting.

- **Bit Breaking:**

- While APEX bits are durable, excessive side load or improper angle can cause breakage.
- Ensure the driver is held straight and in line with the screw.
- Avoid using the bit as a pry tool.

6. SPECIFICATIONS

Feature	Detail
Brand	APEX
Manufacturer	Apex Tool Group, LLC
Part Number	CAB1PH2-2
Item Model Number	CAB1PH2-2
Item Weight	1 pounds
Package Dimensions	5.75 x 3.75 x 0.3 inches
Size	One Size
Item Package Quantity	1
Number Of Pieces	2
Compatible Fastener Range	1 inch
Included Components	APEX - Bit, 1" Insert, Full Body, Ph2, 2Pk (CAB1PH2-2)
Batteries Required?	No
ASIN	B08KHT5C4N
Date First Available	October 1, 2020

Feature	Detail
UPC	697099340287

7. WARRANTY AND SUPPORT

APEX stands behind the quality of its products. The APEX 1-inch Insert Full Body PH2 Bit comes with a **Lifetime Warranty**, reflecting the manufacturer's confidence in its durability and performance. This warranty covers defects in material and workmanship under normal use. For warranty claims, technical support, or any inquiries regarding your APEX product, please refer to the official APEX Tool Group website or contact their customer service department. Keep your purchase receipt as proof of purchase.



Figure 5: The retail packaging for the APEX 1-inch insert full body PH2 bits, highlighting features like '2X MORE DURABLE' and '50% BETTER GRIP', and indicating a lifetime warranty.