

Hyper Tough 22

Hyper Tough 22-Piece Drill and Drive Bit Set - Instruction Manual

Model: 22 | Brand: Hyper Tough

INTRODUCTION

The Hyper Tough 22-Piece Drill and Drive Bit Set is a versatile collection of essential bits designed for various drilling and driving tasks. Constructed with high-quality steel, these bits offer durability and precision for accurate work on materials such as wood, metal, and plastic. The set comes in a convenient storage case, ensuring your bits remain organized and easily transportable.

PRODUCT OVERVIEW



Figure 1: Hyper Tough 22-Piece Drill and Drive Bit Set, open case.

This image displays the Hyper Tough 22-Piece Drill and Drive Bit Set. The red and black case is open, revealing two main sections. On the left, seven golden-colored titanium coated drill bits are neatly arranged by size, ranging from 1/16-inch to 5/16-inch. On the right, two rows of silver-colored screwdriver bits are visible, including Phillips, Slotted, Square, and Star types, along with a magnetic bit holder.

Set Contents:

- **7 Titanium Coated Drill Bits:**
 - 1/16-inch
 - 3/32-inch
 - 7/64-inch
 - 1/8-inch
 - 3/16-inch
 - 1/4-inch
 - 5/16-inch

- **14 Screwdriver Bits:**

- Phillips: #1, #2, #3
- Slotted: 5/32-inch, 3/16-inch, 1/4-inch
- Square: #2
- Star: T25

- **1 Magnetic Bit Holder:** 2-inch

- Durable storage and organization case.

SETUP

The Hyper Tough 22-Piece Drill and Drive Bit Set comes pre-organized in its durable storage case. To access the bits, simply unlatch the side clips and open the case. The bits are securely held in place within their designated slots. Carefully remove the desired bit by pulling it straight up from its holder.

Before use, ensure your drill or driver is compatible with 1/4-inch hex shank bits for the screwdriver bits and standard chucks for the drill bits. Insert the chosen bit firmly into the chuck of your power tool, ensuring it is properly seated and tightened to prevent slippage during operation.

OPERATING INSTRUCTIONS

Always wear safety goggles when operating power tools and using drill/drive bits. Ensure the workpiece is securely clamped or held to prevent movement during drilling or driving.

1. Selecting the Correct Bit:

- For drilling, choose a titanium coated drill bit appropriate for the material (wood, metal, plastic) and the desired hole size.
- For driving screws, select a screwdriver bit (Phillips, Slotted, Square, Star) that perfectly matches the screw head to prevent stripping.

2. Inserting Bits:

- For drill bits, open the drill chuck, insert the bit, and tighten the chuck securely.
- For screwdriver bits, insert the bit directly into the 1/4-inch hex shank receiver of your impact driver or drill. The 2-inch magnetic bit holder can be used for extended reach and to magnetize bits for easier screw handling.

3. Drilling/Driving:

- Apply steady, even pressure. Avoid excessive force, which can damage the bit or the workpiece.
- Use appropriate speed settings on your power tool. Slower speeds are generally better for harder materials and larger drill bits, while faster speeds are suitable for softer materials and smaller bits.
- For drilling metal, consider using cutting fluid to prolong bit life and improve performance.

MAINTENANCE

- **Cleaning:** After each use, wipe down bits to remove dust, debris, or residue. A dry cloth is usually sufficient. For stubborn grime, a mild solvent can be used, followed by thorough drying.
- **Storage:** Always return bits to their designated slots in the storage case. This prevents loss, damage, and keeps them organized for future use. Store the case in a dry environment to prevent rust.
- **Inspection:** Periodically inspect bits for signs of wear, damage, or dullness. Replace worn or damaged bits to

ensure optimal performance and safety.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bit slips in chuck	Chuck not tightened sufficiently; bit shank is dirty or oily.	Ensure chuck is fully tightened. Clean bit shank before insertion.
Screw head strips (screwdriver bits)	Incorrect bit size; insufficient pressure; excessive speed.	Use the correct bit size. Apply firm, consistent pressure. Reduce drill speed.
Drill bit not cutting effectively	Dull bit; incorrect speed for material; insufficient pressure.	Replace dull bits. Adjust drill speed. Apply steady pressure.
Bits rusting	Improper storage; exposure to moisture.	Store in a dry place. Ensure bits are dry before storing.

SPECIFICATIONS

- **Brand:** Hyper Tough
- **Model Number:** 22
- **Material:** Alloy Steel
- **Finish Type:** Titanium (for drill bits)
- **Shank Type:** Straight (for drill bits), 1/4-inch Hex (for screwdriver bits)
- **Package Dimensions:** 6.61 x 4.17 x 1.61 inches
- **Item Weight:** 13.37 ounces

SAFETY INFORMATION

WARNING: Wear safety goggles. User and bystander must wear eye protection that conforms to ANSI Z87.1 or equivalent. Always disconnect power tools from the power source before changing bits or performing maintenance. Keep hands and body clear of rotating parts. Do not use damaged or modified bits. Keep out of reach of children.

WARRANTY AND SUPPORT

For information regarding warranty coverage or product support, please refer to the product packaging or contact Hyper Tough customer service directly. Contact details may be available on the manufacturer's official website or through the retailer where the product was purchased.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question