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Hyper Tough 151087

Hyper Tough 22-PC Drill & Drive BIT Set Instruction Manual

PRODUCT OVERVIEW

The Hyper Tough 22-Piece Drill & Drive Set in Click Fit Case is an essential companion for drilling through wood and metal with precision and ease. Crafted from durable, heat-treated steel, this set ensures lasting performance and reliability. It includes a versatile range of titanium-coated drill bits and various screwdriver bits, all organized in a convenient Click Fit case.



Figure 1: Hyper Tough 22-PC Drill & Drive Bit Set with case open.

PACKAGE CONTENTS

Your Hyper Tough 22-Piece Drill & Drive Bit Set includes the following components:

- **7 Titanium-Coated Drill Bits:** Sizes 1/16, 3/32, 7/64, 1/8, 3/16, 1/4, and 5/16 inches.
- **8 1-inch Screwdriver Bits:** Phillips (#1, #2, #3), Slotted (5/32, 3/16, 1/4-inch), Square (#2), Star (T25).
- **6 2-inch Screwdriver Bits:** Phillips (#1, #2, #3), Slotted (3/16, 1/4, 9/32-inch).
- **1 2-inch Magnetic Bit Holder.**
- **1 Click Fit Storage Case** with integrated, removable ruler and drill gauge.

**HYPER
TOUGH**

22-PIECE DRILL & DRIVE BIT SET

- **For Use on Wood and Metal**
- **Set Includes:**
 - 7-Titanium Coated Drill Bits**
 - 8-1-in. Screwdriver Bits**
 - 6-2-in Screwdriver Bits**
 - 1-2-in. Magnetic Bit Holder**



Figure 2: All components of the 22-piece set.



**INTEGRATED, REMOVABLE
RULER AND DRILL GAUGE**

Figure 3: Integrated, removable ruler and drill gauge.

SETUP AND PREPARATION

Safety First

Always wear appropriate personal protective equipment, including safety goggles, when operating power tools and using drill or drive bits. Ensure your work area is clear and well-lit.

Selecting the Correct Bit

Choose the drill bit size appropriate for the hole you intend to create, or the screwdriver bit type and size that matches the fastener you are working with. Refer to the markings on the bits for identification.

Inserting Bits

1. Ensure your drill or impact driver is unplugged or has its battery removed before inserting or removing bits.
2. Open the chuck of your drill/driver.
3. Insert the desired drill or screwdriver bit firmly into the chuck. For screwdriver bits, you may use the 2-inch magnetic bit holder for extended reach and secure retention.
4. Tighten the chuck securely around the bit to prevent slippage during operation.



Figure 4: Inserting a bit into the magnetic bit holder.

OPERATING INSTRUCTIONS

Drilling

When drilling into wood, metal, or plastic, apply steady, even pressure. Start at a low speed and gradually increase as the bit engages the material. For metal, consider using cutting fluid to prolong bit life and improve cutting performance. Ensure the material is clamped securely to prevent movement.

Driving Screws

Select the correct screwdriver bit for the screw head. Apply firm, consistent pressure to prevent cam-out (the bit slipping out of the screw head). Use a speed appropriate for the material and fastener type. The magnetic bit holder helps keep screws securely attached to the bit during driving.

Using the Integrated Ruler and Drill Gauge

The removable ruler and drill gauge integrated into the case can be used to quickly measure lengths (4-inch SAE and 10-cm MM ruler) and verify drill bit sizes by inserting the bit into the corresponding hole on the gauge.

CARE AND MAINTENANCE

- **Cleaning:** After each use, wipe down bits to remove dust, debris, or metal shavings. A dry cloth is usually sufficient.
- **Storage:** Always store your bits in the provided Click Fit case. This protects them from damage, prevents loss, and keeps them organized. The case is designed for secure storage and easy access.
- **Inspection:** Periodically inspect bits for signs of wear, dullness, or damage. Dull or damaged bits can reduce performance and potentially cause injury. Replace worn bits as necessary.
- **Lubrication:** For drill bits used in metal, a light coating of oil after cleaning can help prevent rust, especially if stored in humid conditions.

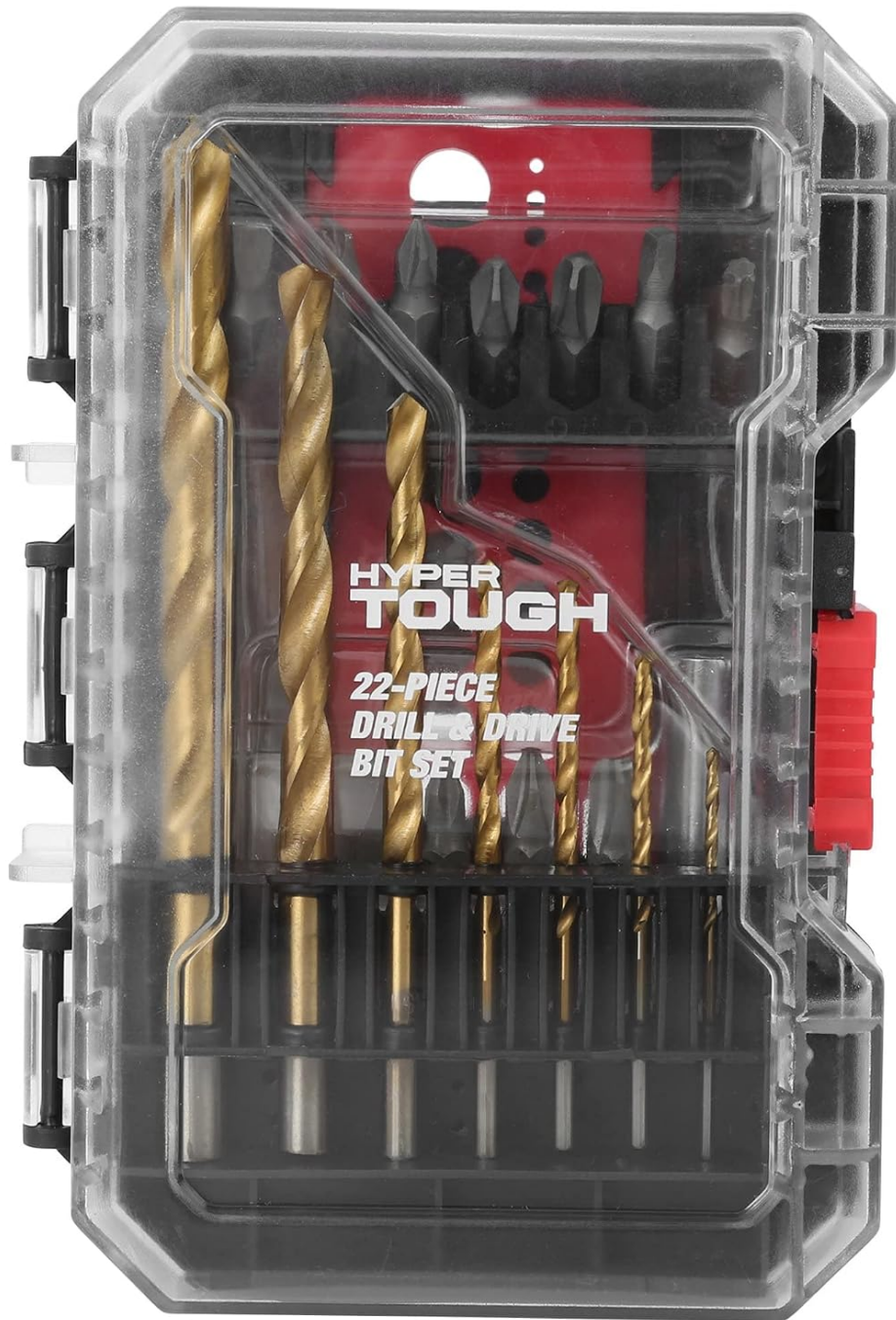


Figure 5: Store the set securely in its Click Fit case.

TROUBLESHOOTING

Bit Slipping in Chuck

Ensure the chuck is tightened securely around the bit. Check if the bit shank is clean and free of oil or debris that could reduce grip.

Difficulty Drilling/Driving

Verify that you are using the correct bit for the material and fastener. Check if the bit is dull or damaged; replace if necessary. Ensure adequate pressure and appropriate speed are being applied.

Bits Breaking

Excessive force, incorrect speed, or using a bit not designed for the material can cause breakage. Ensure the workpiece is stable and not moving during operation.

PRODUCT SPECIFICATIONS

Feature	Specification
Model Number	151087
Material	Alloy Steel
Finish Type	Titanium
Shank Type	Square
Tool Flute Type	Straight
Package Dimensions	5.91 x 3.82 x 1.69 inches
Item Weight	11.64 ounces

WARRANTY AND SUPPORT

Specific warranty information for the Hyper Tough 22-PC Drill & Drive BIT Set is not provided in the product details. For warranty claims, technical support, or further assistance, please refer to the product packaging or contact Hyper Tough customer service directly. Contact information can typically be found on the manufacturer's official website or on the product's retail packaging.

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