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› VESSEL TD-55 Precision Screwdriver Set User Manual

VESSEL TD-55

VESSEL TD-55 Precision Screwdriver Set User Manual

Model: TD-55

INTRODUCTION

This user manual provides comprehensive instructions for the VESSEL TD-55 Precision Screwdriver Set. It covers product overview, setup, operating procedures, maintenance, troubleshooting, and detailed specifications. Please read this manual thoroughly before using the product to ensure safe and effective operation.

PRODUCT OVERVIEW

The VESSEL TD-55 is a 6-piece precision screwdriver set designed for intricate tasks requiring high accuracy. Each screwdriver features a durable stainless steel handle and a unique colored grip for quick identification and comfortable use. The set is ideal for working with small precision screws found in electronics, cameras, and watches.





Image: The VESSEL TD-55 Precision Screwdriver Set, neatly organized in its transparent carrying case. The set includes six flat-head screwdrivers of various sizes, each with a distinct color-coded grip.

Key Features:

- **6-Piece Set:** Includes flat-head screwdrivers in sizes -0.9, -1.2, -1.8, -2.3, -3.0, and -3.5 mm.
- **Colored Grips:** Unique color-coded grips allow for quick identification of screwdriver sizes.
- **Soft Handle:** Ergonomically designed soft handle for precise micro-fixing and comfortable use.
- **Adjustable Grip Position:** The grip can be adjusted for an ideal position, adapting to user preference and task requirements.
- **High Durability:** Constructed with a chrome-vanadium alloy and specific heat treatment for enhanced durability.
- **Rotating Part:** Features a rotating cap for efficient and fast screw tightening or loosening.
- **Portable Case:** Supplied with a clear, portable box for organized storage and easy transport.



Image: Close-up view of the individual VESSEL TD-55 precision screwdrivers, showcasing their distinct color-coded grips and clearly marked sizes (-0.9, -1.2, -1.8, -2.3, -3.0, -3.5 mm).

SETUP

The VESSEL TD-55 Precision Screwdriver Set comes pre-assembled and ready for use. No complex setup is required.

1. **Unpack:** Carefully remove the screwdriver set from its packaging.
2. **Inspect:** Check all six screwdrivers for any signs of damage during transit.
3. **Familiarize:** Identify each screwdriver by its color-coded grip and the size marking on the shaft.
4. **Storage:** Keep the screwdrivers in their supplied clear portable box when not in use to prevent loss and damage.

OPERATING INSTRUCTIONS

Follow these steps for effective and safe use of your precision screwdrivers:

1. **Select the Correct Size:** Always choose the screwdriver with the flat-head tip that most closely matches the width and thickness of the screw slot. Using an incorrect size can damage both the screw and the screwdriver tip.
2. **Position the Grip:** The soft grip can be adjusted along the shaft. Slide it to a position that feels most comfortable and provides optimal control for the task at hand.
3. **Engage the Screw:** Place the screwdriver tip firmly into the screw slot, ensuring a snug fit.
4. **Apply Downward Pressure:** Maintain steady downward pressure on the screwdriver to prevent cam-out (the tip

slipping out of the screw head).

5. **Rotate:** Use the rotating cap at the end of the handle to turn the screwdriver. This allows for quick and precise rotation with minimal effort, especially for small screws.

6. **Tightening/Loosening:**

- To tighten: Turn clockwise.
- To loosen: Turn counter-clockwise.

7. **Avoid Overtightening:** For precision screws, overtightening can strip the screw head or damage the component. Tighten only until snug.

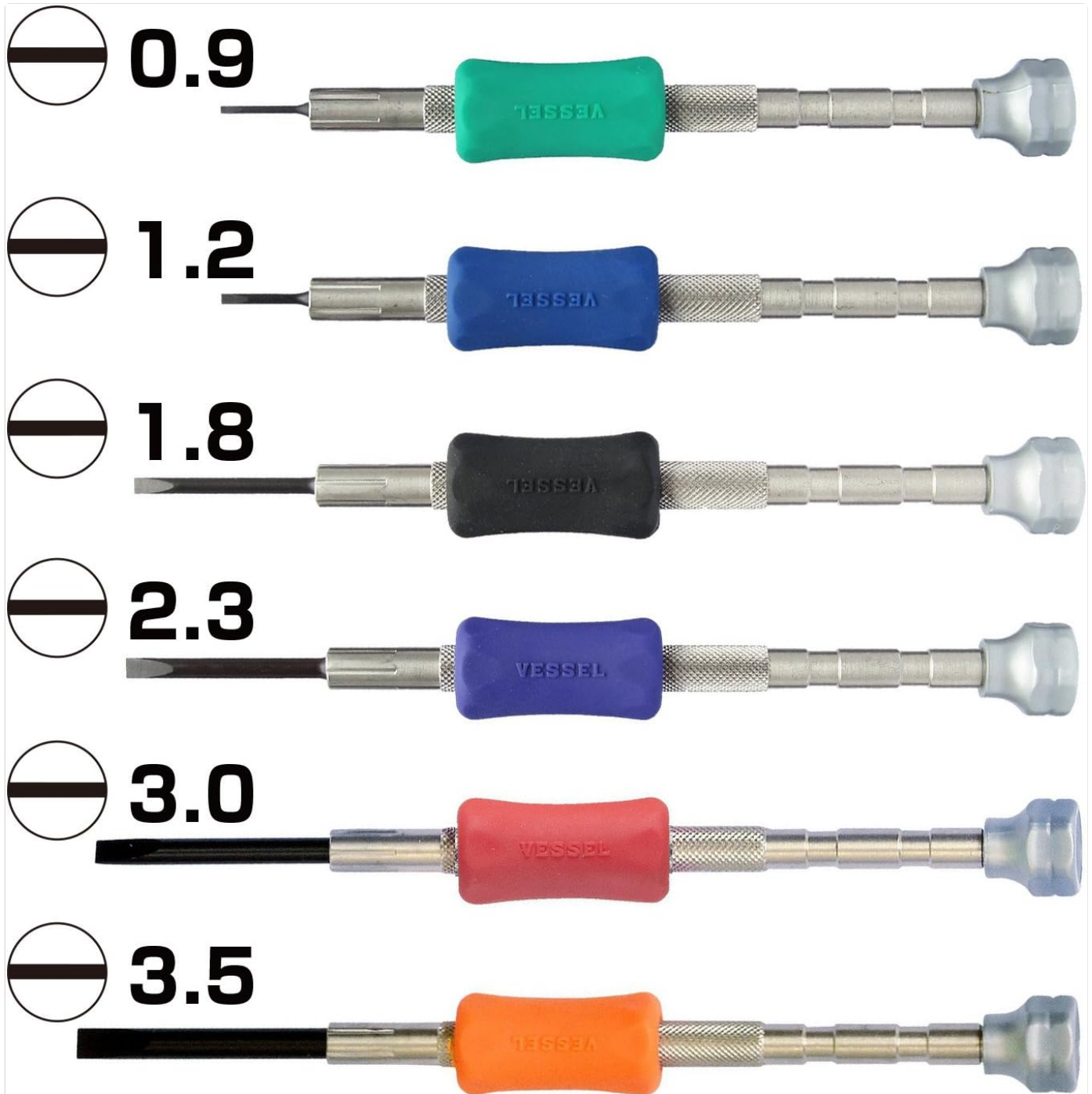


Image: An illustration demonstrating the adjustable nature of the soft grip on a VESSEL precision screwdriver, showing how it can be moved along the shaft to suit user preference.



Image: A hand holding a VESSEL precision screwdriver, illustrating the comfortable and controlled grip provided by the soft handle and rotating cap during use.



Image: A VESSEL precision screwdriver being used to work on a small, intricate electronic component, highlighting its suitability for detailed tasks.

MAINTENANCE

Proper maintenance will extend the life and performance of your VESSEL TD-55 Precision Screwdriver Set.

- **Cleaning:** After each use, wipe the screwdriver shafts and tips with a clean, dry cloth to remove any dirt, oil, or debris. Avoid using harsh chemicals that could damage the materials.
- **Storage:** Always store the screwdrivers in their original clear portable box. This protects the delicate tips from damage and keeps the set organized. Store in a dry environment to prevent corrosion.
- **Inspection:** Periodically inspect the screwdriver tips for wear or damage. A worn tip can lead to stripped screws. Replace any damaged screwdrivers if necessary.
- **Lubrication:** No lubrication is required for these tools.

TROUBLESHOOTING

If you encounter issues while using your precision screwdrivers, consider the following:

- **Screwdriver Tip Slipping (Cam-out):**

- Ensure you are using the correct size flat-head screwdriver for the screw slot.
- Apply sufficient downward pressure while turning.
- Check the screwdriver tip for wear; a worn tip will not grip effectively.

• **Screw Head Damage (Stripping):**

- This often occurs due to using the wrong size screwdriver or insufficient downward pressure.
- Avoid excessive torque, especially on small, delicate screws.

• **Difficulty Turning Screws:**

- Ensure the screw is not cross-threaded or seized.
- For very tight screws, ensure maximum engagement of the tip and apply steady, firm pressure.

SPECIFICATIONS

Feature	Detail
Brand	VESSEL
Model Name	TD-55 Jeu de tournevis de précision
Model Number	TD-55
Number of Items	6
Head Style	Flat
Material	Chrome-vanadium alloy, Stainless Steel handle
Color	Multicolor (for grips)
Recommended Uses	Precision Work, Electronics Item, Camera, Watch
Item Dimensions (L x W x H)	5.51 x 3.39 x 0.79 inches
Flat Head Sizes Included	-0.9mm, -1.2mm, -1.8mm, -2.3mm, -3.0mm, -3.5mm

WARRANTY INFORMATION

VESSEL products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the official VESSEL website or contact their customer support directly. Typically, warranties cover manufacturing defects under normal use.

SUPPORT

For further assistance, technical support, or inquiries regarding your VESSEL TD-55 Precision Screwdriver Set, please visit the official VESSEL website or contact their customer service department. Contact information can usually be found on the product packaging or the manufacturer's website.

Official VESSEL Website: www.vesseltools.com

OFFICIAL PRODUCT VIDEOS

No official product videos from the seller are available for embedding at this time.

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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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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