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› Capri Tools Stubby Impact Socket Set (3/8" Drive/Metric Set) Instruction Manual

Capri Tools CP53425

Capri Tools Stubby Impact Socket Set (3/8" Drive/Metric Set) Instruction Manual

INTRODUCTION

This instruction manual provides essential information for the proper use, maintenance, and care of your Capri Tools 3/8 inch Drive Stubby Impact Socket Set. Please read this manual thoroughly before using the product to ensure safe and effective operation.

PRODUCT FEATURES

Stubby Length Design

The sockets in this set feature a stubby design, making them approximately 20% shorter than standard shallow length sockets. This compact size is specifically engineered for accessing fasteners in confined or hard-to-reach spaces.

Premium CrMo Steel

We use the finest Chrome Molybdenum steel tempered with our proprietary heat treatment process to make these impact sockets.



Image: Comparison illustrating the reduced length of a stubby socket compared to a standard shallow socket.

Premium Material and Coating

These impact sockets are constructed from premium Chrome Molybdenum steel, which undergoes a proprietary heat treatment process. This material and treatment enhance durability and enable the sockets to withstand high torque applications from power tools. Each socket is expertly coated with manganese phosphate, a finish preferred in military and aerospace applications, providing superior protection against corrosion compared to standard black oxide coatings.

Laser Etched Stamping

Large laser etched sizing is easy to read even in low light.



Image: A stubby impact socket demonstrating its compact form factor and robust construction.

Stamped Sizing

Stamped sizing is permanent and will not fade over time.



Image: Detailed view of the manganese phosphate coating on a socket, indicating corrosion resistance.

6-Point WaveDrive Design

The sockets incorporate a 6-point WaveDrive design. This design feature allows the sockets to grip fasteners more securely than traditional designs, which helps prevent fastener rounding and provides increased leverage during use.

6-Point WaveDrive

Our 6-Point WaveDrive™ design grips fasteners more tightly than traditional design. It prevents fasteners rounding and give you more leverage.

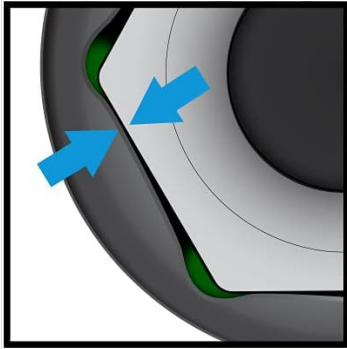


Image: Diagram explaining the 6-point WaveDrive design and its enhanced gripping capability.

Clear Sizing and Visibility

Each socket features large, laser-etched sizing for easy readability, even in low-light conditions. The stamped sizing is permanent, ensuring it will not fade or wear off over time, maintaining clear identification throughout the product's lifespan.

Stubby Length

Up to 20% shorter than shallow sockets,
perfect for working in tight spots.



Image: A socket mounted on an impact tool, displaying its clearly visible laser-etched size.

PACKAGE CONTENTS

The Capri Tools Stubby Impact Socket Set (3/8" Drive/Metric Set) includes the following 15 pieces:

- Metric Stubby Impact Sockets: 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm

The set also includes a spill-resistant Mechanic's Tray designed for convenient organization and storage of the sockets.



Image: The full set of 15 stubby impact sockets presented in their dedicated storage tray.

SETUP AND INSTALLATION

To use the stubby impact sockets, follow these steps:

1. **Select the Correct Socket:** Identify the appropriate metric size socket (8mm to 22mm) that matches the fastener you intend to work with.
2. **Attach to Drive Tool:** Securely attach the selected 3/8" drive socket to a compatible 3/8" drive impact wrench, ratchet, or breaker bar. Ensure the socket is fully seated on the drive anvil.
3. **Verify Fit:** Before applying torque, ensure the socket fits snugly and completely over the fastener head. A loose fit can damage both the socket and the fastener.

OPERATING INSTRUCTIONS

When operating with your Capri Tools Stubby Impact Socket Set, observe the following guidelines:

- **Safety First:** Always wear appropriate personal protective equipment, including eye protection, when using impact tools and sockets.
- **Correct Application:** Use impact sockets exclusively with impact wrenches or other power tools designed for impact applications. Do not use standard chrome sockets with impact tools, as they are not designed to withstand the forces and may shatter.
- **Apply Controlled Torque:** Apply torque gradually and in a controlled manner. Avoid excessive force that could damage the fastener, socket, or tool.
- **Maintain Stability:** Ensure the workpiece is stable and secure before applying torque.

MAINTENANCE

Proper maintenance will extend the life and performance of your socket set:

- **Cleaning:** After each use, wipe the sockets clean with a dry cloth to remove dirt, grease, and debris. For stubborn grime, a mild solvent can be used, followed by thorough drying.
- **Storage:** Store the sockets in their provided Mechanic's Tray or another suitable tool storage solution in a dry environment. This prevents rust and keeps the set organized.
- **Inspection:** Periodically inspect each socket for signs of wear, cracks, or damage. Discontinue use of any damaged socket immediately to prevent injury or further damage to fasteners.

TROUBLESHOOTING

If you encounter issues during use, consider the following:

- **Socket Slipping:** If a socket slips on a fastener, ensure you are using the correct size socket and that it is fully engaged on the fastener head. The fastener itself may be worn or damaged.
- **Fastener Damage:** If a fastener head becomes rounded or stripped, stop immediately. Using the wrong size socket or excessive force can cause this. Specialized fastener extraction tools may be required.
- **Tool Compatibility:** Ensure your impact tool's drive size (3/8") matches the socket's drive size.

SPECIFICATIONS

Specification	Detail
Brand	Capri Tools
Model Number	CP53425

Drive Size	3/8 inch
Measurement System	Metric
Number of Pieces	15
Socket Sizes	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 mm
Material	Chrome Molybdenum Steel
Finish Type	Manganese Phosphate Coated, Corrosion Resistant
Item Weight	1.1 pounds (approximate package weight)
UPC	886352534253

WARRANTY AND SUPPORT

This Capri Tools Stubby Impact Socket Set is backed by a Lifetime Warranty, ensuring quality and durability. For warranty claims, product support, or additional information, please refer to the official Capri Tools website or contact their customer service department.

You can also visit the official Capri Tools Store on Amazon for more products and information [Capri Tools Store](#)