

Manuals.plus /

- › TEKTON /
- › TEKTON SRH92103 Flex Head Quick-Release Ratchet Set User Manual

TEKTON SRH92103

TEKTON SRH92103 Flex Head Quick-Release Ratchet Set User Manual

Models: 1/4 in. Drive (6 in.), 3/8 in. Drive (8 in.), 1/2 in. Drive (10.5 in.)

INTRODUCTION

This manual provides essential information for the safe and effective use of your TEKTON Flex Head Quick-Release Ratchet Set. This set includes three ratchets with 1/4 inch, 3/8 inch, and 1/2 inch drive sizes, designed for various fastening and loosening tasks. Please read these instructions thoroughly before operating the tools.





Image: The TEKTON SRH92103 Flex Head Quick-Release Ratchet Set, featuring 1/4, 3/8, and 1/2 inch drive ratchets.

SETUP

The TEKTON Flex Head Quick-Release Ratchet Set comes pre-assembled and ready for use. No initial assembly is required. Before first use, inspect each ratchet for any signs of damage or manufacturing defects. Ensure the quick-release mechanism operates smoothly and the flex head pivots freely and locks securely into its detent positions.

Attaching Sockets

1. Select the appropriate socket size for your fastener.
2. Press the quick-release button located on the ratchet head.
3. Slide the socket onto the drive square until it clicks into place.
4. Release the quick-release button to secure the socket.

Removing Sockets

1. Press the quick-release button.
2. Pull the socket off the drive square.

OPERATING INSTRUCTIONS

These ratchets are designed for efficient and precise fastening. Their flex head and 90-tooth gear mechanism provide versatility and fine adjustments.

Direction Control

- A lever on the ratchet head controls the direction of rotation (clockwise for tightening, counter-clockwise for loosening).
- Ensure the lever is fully engaged in the desired direction before applying torque.

Flex Head Operation

- The flex head pivots 180 degrees and locks into 9 different detent angles.
- Adjust the head angle to navigate around obstacles and access fasteners in tight spaces.

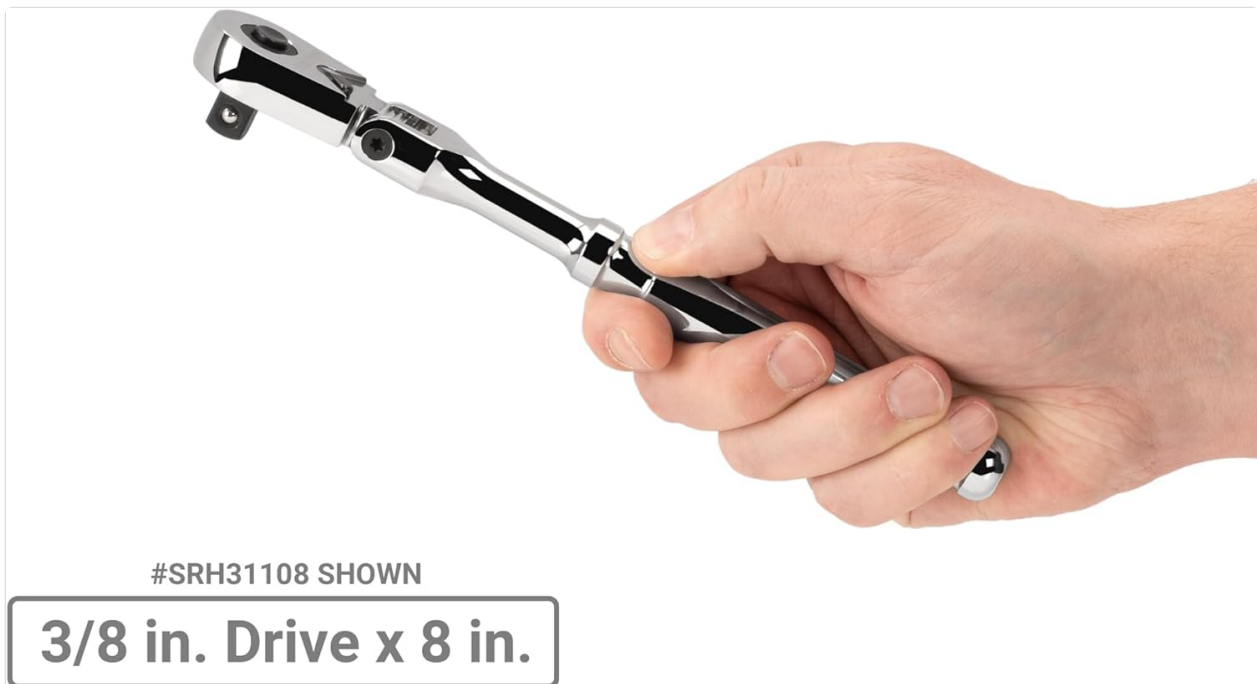


Image: A hand demonstrating the comfortable grip and maneuverability of the TEKTON 3/8 inch drive flex head ratchet.

90-Tooth Gear Mechanism

- The 90-tooth gear requires only a 4-degree swing arc, allowing for work in confined areas.
- The single, half-moon pawl design ensures 9 teeth are engaged at all times for strength and reliability.

Your browser does not support the video tag.

Video: A close-up demonstration of the 90-tooth quick-release flex head ratchet mechanism in operation, showing the fine tooth engagement and quick-release function.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your TEKTON ratchets.

- **Cleaning:** After each use, wipe down the ratchets with a clean, dry cloth to remove dirt, grease, and debris. For stubborn grime, use a mild degreaser and then wipe dry.
- **Lubrication:** Periodically apply a small amount of light machine oil to the ratchet head mechanism to ensure smooth operation. Avoid over-lubricating.

- **Storage:** Store ratchets in a dry environment to prevent rust. Keep them organized in a tool chest or tray to protect them from damage.
- **Inspection:** Regularly inspect the ratchet head, drive square, and handle for any signs of wear, damage, or loose components. Discontinue use if any significant damage is found.

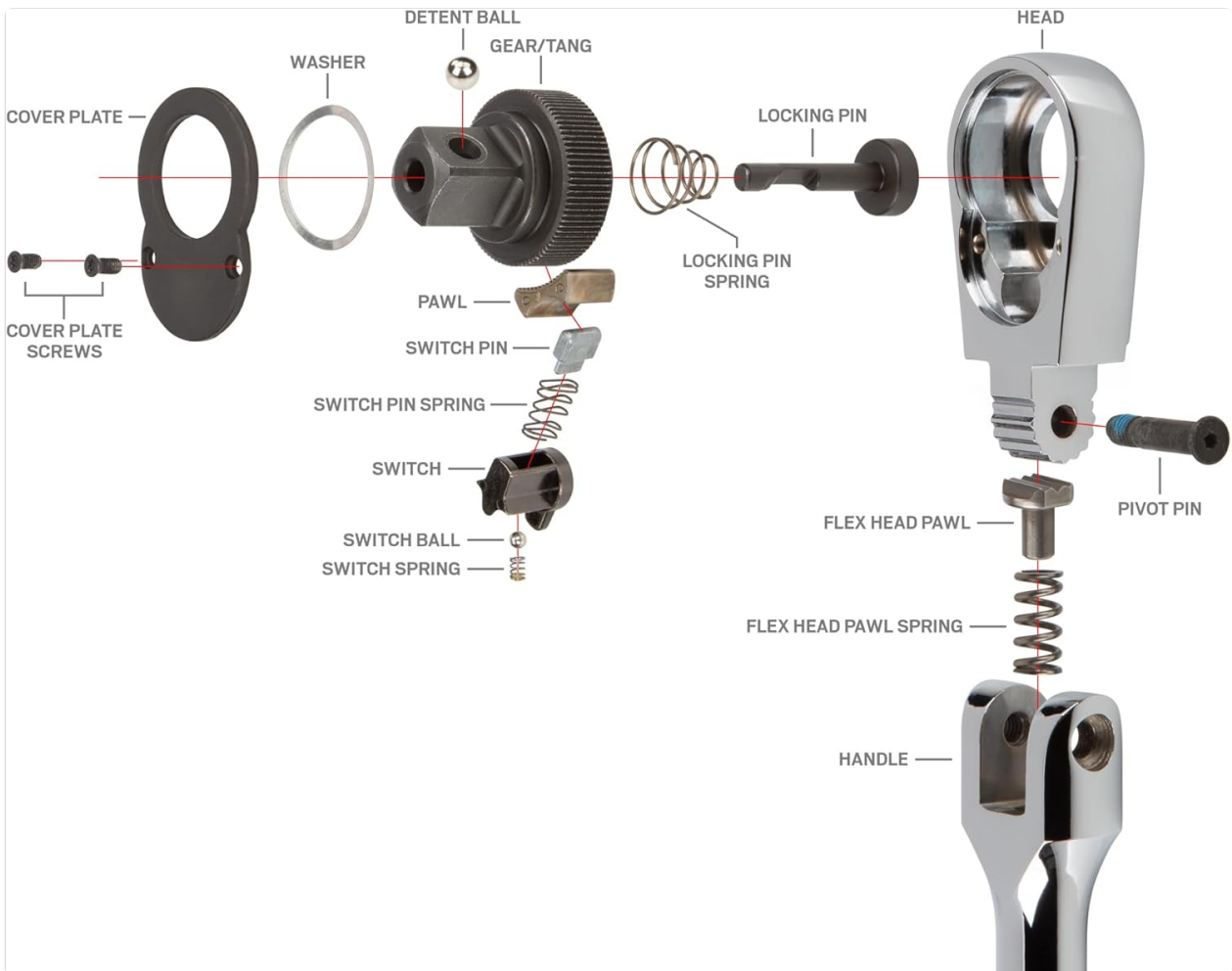


Image: An exploded view diagram illustrating the internal components of a TEKTON ratchet head, useful for understanding the mechanism during maintenance.

TROUBLESHOOTING

If you encounter issues with your TEKTON ratchets, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Ratchet head slips or skips	Worn gear or pawl, debris in mechanism, insufficient lubrication	Clean and lubricate the ratchet mechanism. If slipping persists, the internal components may be worn and require professional service or replacement.
Quick-release button sticks	Dirt or debris, lack of lubrication	Clean the quick-release mechanism and apply a small amount of lubricant.
Flex head does not hold position	Worn detent mechanism, loose pivot pin	Inspect the flex head pivot and detent. Ensure the pivot pin is secure. If wear is significant, consider professional service.
Direction lever is stiff	Accumulated dirt, lack of lubrication	Clean the area around the direction lever and apply lubricant.

SPECIFICATIONS

Detailed technical specifications for the TEKTON SRH92103 Flex Head Quick-Release Ratchet Set.

- **Model Number:** SRH92103
- **Included Components:** 3-pc. flex quick-release ratchets: 1/4 in. drive x 6 in., 3/8 in. drive x 8 in., 1/2 in. drive x 10.5 in.
- **Drive Sizes:** 1/4 inch, 3/8 inch, 1/2 inch
- **Head Style:** Flex Head
- **Gear Teeth:** 90-Tooth
- **Swing Arc:** 4 degrees
- **Flex Head Positions:** 9 detent angles, 180-degree pivot
- **Material:** Chrome Vanadium Steel
- **Finish:** Polished, Plated
- **Item Weight:** Approximately 2.6 Pounds (total set)
- **UPC:** 020209058275

Proof Torque

Our ratchets meet (and most far exceed) the industry standard for Proof Torque, a measure of strength verified by a single-cycle test that applies torque until the specified value is reached without failure or any permanent deformation.

Data from: "Category 10, Type 1, Class 2 Handles, Ratchet, Reversible." ASME B107.110-2019.

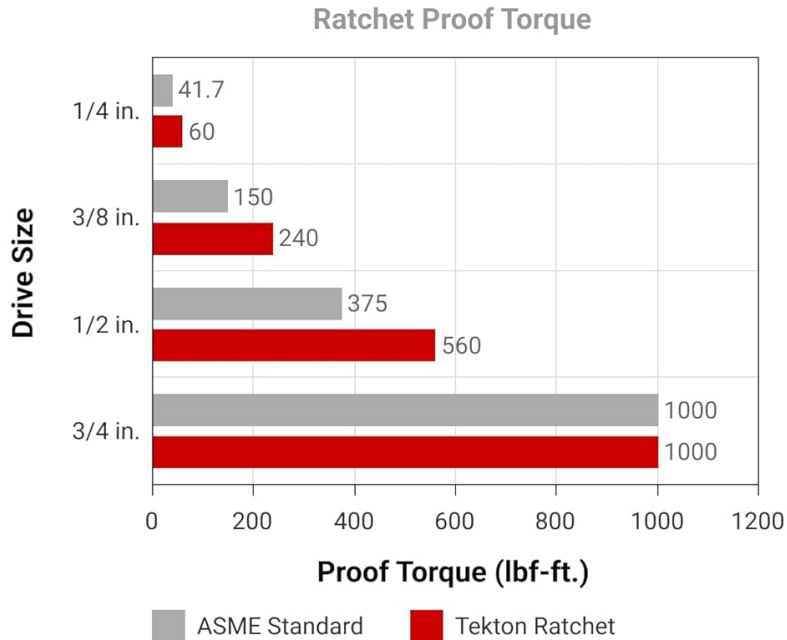


Image: A bar chart illustrating the proof torque capabilities of TEKTON ratchets across different drive sizes, compared against ASME standards.

Working Handle Length

To be clear and consistent about the size of our ratchets, we use the actual working length (center of drive tang to end of handle), not the overall length of the tool. Because of this, you may find that a Tekton 6 inch ratchet is slightly longer than other 6 inch ratchets on the market.

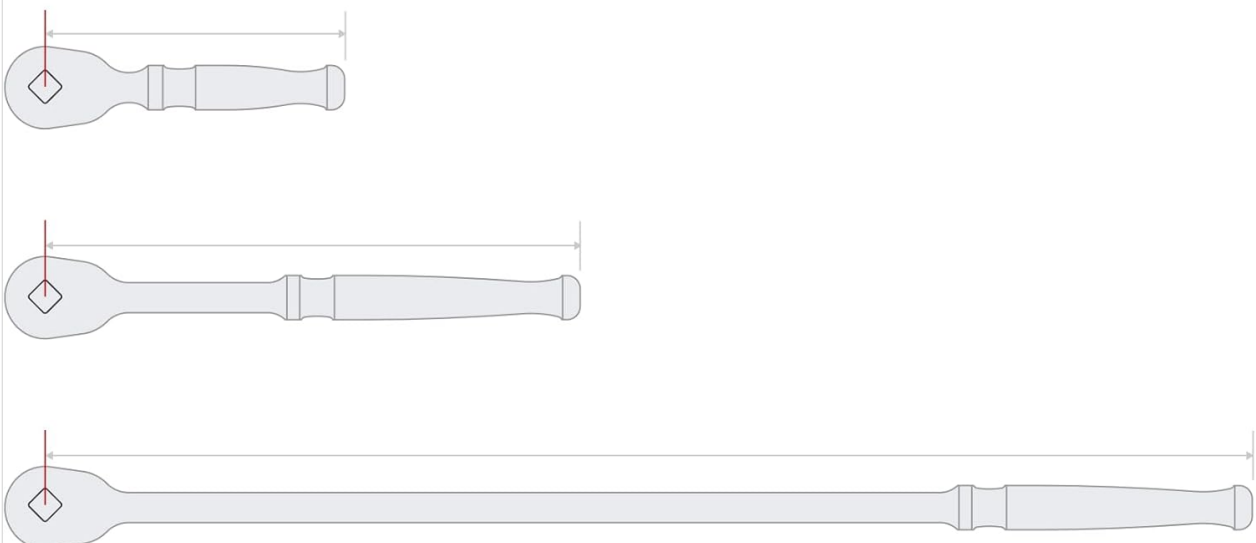


Image: A diagram explaining how working handle length is measured for ratchets, from the center of the drive tang to the end of the handle.

WARRANTY

TEKTON offers a comprehensive warranty for its products. For specific details regarding the warranty for your SRH92103 Flex Head Quick-Release Ratchet Set, please refer to the official TEKTON website.

Warranty Description: No time limits, no receipts. For full details, visit [tekton.com/warranty](https://www.tekton.com/warranty).

SUPPORT

For additional support, product information, or to purchase replacement parts, please visit the official TEKTON website or contact their customer service.

- **TEKTON Official Website:** www.tekton.com
- **TEKTON Store on Amazon:** Visit the TEKTON Store