

## Laser 8905

# TOOLCONNECTION 8905 Double Ended Thin Wall Socket Set 1/4 "D 8pc User Manual

Model: 8905 | Brand: Laser

## INTRODUCTION

The TOOLCONNECTION 8905 Double Ended Thin Wall Socket Set is a comprehensive 8-piece kit designed for efficient and reliable fastening and loosening tasks. This set features six double-ended impact quality thin-walled sockets, covering a range of popular metric and imperial sizes, along with two extension bars equipped with quick chuck ends. Manufactured from durable chrome molybdenum, these tools are suitable for use with impact drivers and other power tools, making them ideal for professional and DIY applications, especially in confined spaces.

### Key Features:

- Set of 1/4"D Bi-Hex (12pt) profile thin walled impact flip sockets.
- Sizes include: 8 x 10mm, 9 x 11mm, 12 x 14mm, 13 x 15mm, 5/16" x 3/8", 7/16" x 1/2".
- Includes 75mm and 150mm 1/4"D extension bars with quick chuck ends, suitable for cordless drills and drill drivers.
- Impact quality construction from chrome molybdenum for enhanced durability.
- Supplied in a robust plastic storage case with a removable EVA foam tray for organized storage.

## PACKAGE CONTENTS

The TOOLCONNECTION 8905 Double Ended Thin Wall Socket Set includes the following components:

- Six (6) Double-Ended Thin Wall Sockets (1/4"D Bi-Hex):
  - 8mm x 10mm
  - 9mm x 11mm
  - 12mm x 14mm
  - 13mm x 15mm
  - 5/16" x 3/8"
  - 7/16" x 1/2"

- One (1) 75mm (3 inch) 1/4"D Extension Bar with Quick Chuck End.
- One (1) 150mm (6 inch) 1/4"D Extension Bar with Quick Chuck End.
- One (1) Durable Plastic Storage Case with Removable EVA Foam Tray.



Image: The complete TOOLCONNECTION 8905 Double Ended Thin Wall Socket Set displayed in its open storage case, showing all sockets and extension bars neatly organized in the foam tray.

## SETUP

The TOOLCONNECTION 8905 socket set is designed for immediate use. No assembly is required. Simply open the storage case and select the appropriate socket and extension bar for your task.

### Preparing for Use:

1. Open the plastic storage case by unlatching the front clips.
2. Identify the required socket size (e.g., 8mm, 10mm, 5/16", etc.) for your fastener. The sockets are double-ended, offering two sizes per socket.
3. Select either the 75mm or 150mm extension bar based on the required reach.
4. Ensure your impact driver or power tool is compatible with a 1/4" drive.



Image: A close-up view of several individual double-ended sockets and extension bars, highlighting their design and the "LASER" branding.

## OPERATING INSTRUCTIONS

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This socket set is designed for use with impact drivers and power tools, providing efficient and reliable fastening or loosening of nuts and bolts.

### Using the Sockets and Extension Bars:

1. **Attach Extension Bar:** Insert the 1/4" hex end of the selected extension bar (75mm or 150mm) into the chuck of your impact driver or power tool. Ensure it is securely seated.
2. **Attach Socket:** Slide the desired double-ended socket onto the square drive end of the extension bar. The quick chuck end on the extension bar will hold the socket firmly in place.
3. **Select Size:** Position the correct size end of the double-ended socket onto the fastener (nut or bolt head). The dual-sided function allows for quick flipping to access the next size if needed.
4. **Operation:** Activate your power tool to apply torque. Ensure the socket is fully engaged with the fastener to prevent stripping.
5. **Removal:** After use, turn off the power tool. Carefully remove the socket from the fastener, then detach the socket from the extension bar and the extension bar from the power tool.

**Note:** These sockets are thin-walled, making them ideal for use in confined areas where standard sockets may not fit. They are manufactured from chrome molybdenum for impact quality and durability.



Image: The full set of double-ended sockets and both extension bars are laid out, showcasing their individual components and sizes.

## MAINTENANCE

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Proper maintenance will extend the life and performance of your TOOLCONNECTION 8905 socket set.

- **Cleaning:** After each use, wipe down sockets and extension bars with a clean, dry cloth to remove dirt, grease, and debris. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a light coat of rust-preventative oil to the metal surfaces, especially if storing in a humid environment.
- **Storage:** Always store the sockets and extension bars in their provided plastic storage case. The EVA foam tray helps keep components organized and protected from damage and loss. Store in a dry place away from direct moisture.
- **Inspection:** Before each use, inspect all components for signs of wear, cracks, or damage. Do not use damaged tools; replace them as necessary.

## TROUBLESHOOTING

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If you encounter issues while using your socket set, consider the following common solutions:

- **Socket Not Fitting Fastener:**
  - Ensure you are using the correct size socket for the fastener. Double-check both metric and imperial sizes if unsure.
  - Verify the fastener is not stripped or damaged, which could prevent proper socket engagement.
- **Socket Slipping:**
  - Confirm the socket is fully seated on the extension bar and the extension bar is securely in the power tool's chuck.
  - Ensure the socket is fully engaged with the fastener.
  - If the socket is worn or rounded internally, it may need replacement.
- **Difficulty Removing Socket from Extension Bar:**

- The quick chuck mechanism holds the socket firmly. A firm pull may be required. Ensure the power tool is off and stable.

## SPECIFICATIONS

Attribute	Detail
Manufacturer	Laser
Part Number	8905
Item Weight	14.4 ounces
Package Dimensions	7.2 x 4.33 x 1.81 inches
Item Model Number	8905
Color	Multi-coloured
Material	Chrome Molybdenum Steel
Item Package Quantity	1
Compatible Fastener Range	0.25 inches
Included Components	Double Ended Thin Wall Socket Set 1/4 "D 8pc

## WARRANTY AND SUPPORT

Specific warranty information for the TOOLCONNECTION 8905 Double Ended Thin Wall Socket Set is not provided in this manual. For details regarding warranty coverage, product support, or to inquire about replacement parts, please refer to the manufacturer's official website or contact the retailer where the product was purchased.

Manufacturer: **Laser**

Model Number: **8905**

For further assistance, please visit the official Laser Tools website or contact their customer service.