

## Tohnichi RH15DX14

# Tohnichi Ring Head RH15DX14 Instruction Manual

Model: RH15DX14

## INTRODUCTION

This manual provides essential information for the safe and effective use of the Tohnichi Ring Head, model RH15DX14. Please read this manual thoroughly before operation and retain it for future reference.

## SAFETY INFORMATION

### Important Safety Notice:

- The Tohnichi Ring Head is designed exclusively for use with *Tohnichi Interchangeable Head Torque Wrenches*.
- **DO NOT** connect or use this head with torque wrenches from other manufacturers, as this may lead to damage to the tool or injury.
- Ensure the head is securely attached to the torque wrench before performing any tightening operations.
- Always wear appropriate personal protective equipment (PPE) when using this tool.
- Keep hands clear of moving parts during operation.

**Disclaimer:** Delivery time cannot be specified. Your understanding is appreciated.

## PRODUCT FEATURES

The Tohnichi Ring Head RH15DX14 offers precise and safe tightening capabilities due to its unique design.

- **Consistent Bolt-to-Head Center Axis Distance:** Ensures accurate tightening operations.
- **Secure Head Attachment:** The head remains securely attached even when hands are released, enhancing safety during tightening tasks.
- **RoHS Compliant:** Manufactured in accordance with RoHS directives (as of March 2023).



Image of a Tohnichi Ring Head, similar in design to the RH15DX14. This particular image shows a model marked 'RH15DX17' with a maximum torque of '100N·m', illustrating the general appearance and structure of Tohnichi's interchangeable ring heads.

## SETUP

To set up the Tohnichi Ring Head RH15DX14:

1. Select a compatible Tohnichi interchangeable head torque wrench.
2. Align the square drive of the ring head with the receptacle on the torque wrench.
3. Push the ring head firmly onto the torque wrench until it clicks into place, ensuring a secure connection.
4. Verify that the head is fully seated and does not wobble before use.

For detailed instructions on your specific Tohnichi torque wrench, please refer to its dedicated manual.

## OPERATING INSTRUCTIONS

Once the ring head is securely attached to a compatible Tohnichi torque wrench:

1. Position the ring head over the bolt or nut to be tightened.
2. Apply steady and controlled force to the torque wrench handle until the desired torque is achieved, as indicated by your torque wrench.
3. Maintain a firm grip on the torque wrench throughout the tightening process.

The design ensures a constant distance between the bolt and the head's center axis, contributing to accurate torque application.

## MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your Tohnichi Ring Head:

- After each use, wipe the head clean with a dry, soft cloth to remove any dirt, grease, or debris.
- Store the ring head in a clean, dry environment, away from direct sunlight and extreme temperatures.
- Avoid dropping the head or subjecting it to excessive impact, as this can affect its precision.
- Periodically inspect the head for any signs of wear, damage, or deformation. If damage is observed, discontinue

use and replace the head.

No user-serviceable parts are inside the ring head. Do not attempt to disassemble it.

## TROUBLESHOOTING

If you encounter issues with your Tohnichi Ring Head:

- **Head does not attach securely:** Ensure you are using a compatible Tohnichi interchangeable head torque wrench. Check for any obstructions or damage to the square drive or the wrench's receptacle.
- **Inaccurate tightening:** Verify that the ring head is fully seated and locked onto the torque wrench. Ensure the torque wrench itself is calibrated and functioning correctly.
- **Damage to head:** Discontinue use immediately if the head shows signs of cracking, bending, or other damage. Using a damaged head can lead to inaccurate results or injury.

For further assistance, please contact Tohnichi customer support.

## SPECIFICATIONS

| Specification                  | Value                  |
|--------------------------------|------------------------|
| Model Number                   | RH15DX14               |
| Manufacturer                   | Tohnichi               |
| Applicable Insertion Part Size | 15D                    |
| Body                           | RH15D                  |
| Opening Width W                | 14 mm                  |
| Allowable Torque               | 59 N·m                 |
| Outer Width Dimension C        | 22 mm                  |
| Thickness t                    | 8 mm                   |
| Product Weight                 | 100 g                  |
| Product Dimensions (LxWxH)     | 11 x 4.4 x 4.4 cm      |
| Head Style                     | Box End                |
| RoHS Compliance                | Yes (as of March 2023) |

## WARRANTY AND SUPPORT

Specific warranty information for the Tohnichi Ring Head RH15DX14 is not provided in this manual. For warranty details, technical support, or service inquiries, please contact Tohnichi customer service directly or visit their official website.

**Tohnichi Corporation:** [www.tohnichi.com](http://www.tohnichi.com)

