

## How to use and care for your TSN5/10 & TSN45/90 Preset Slipping Torque Wrenches

### Tool Specification

Models: TSN 5 & 10 (TSN 5: 1.0 – 5.0 Nm, TSN 10: 2.0 – 10.0 Nm)

Repeatability: +/- 6% of Torque Setting

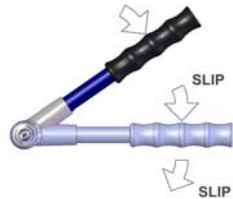
ISO 6789 Class: Type 2, Class C

Calibration Period: Every 12 Months or 5000 cycles (minimum)

Mechanism: Slipping - Incorrect tightening is impossible

EPA Compliant

At the set torque, the handle slips free then resets ready for the next use.



Angle of slip = 35°



### Safety & Maintenance

- ✓ This Torque Tool is a precision instrument and should be used for its intended purpose only
- ✓ Only hold the tool using the handgrip
- ✓ Always ensure that the tool is in correct alignment with the fastener
- ✓ Torque tools should be regularly calibrated and inspected to ensure correct operation
- ✓ Ensure the tool is clean and free from oil, grease and water before use
- ✗ Do not use extension bars to increase the leverage of the handle
- ✗ Never dip into cleaning fluid or petroleum

## How to adjust your Torque Wrench

### To check setting:

Use a Torque Analyser. For more details on the different Analysers visit [www.gedore-torque.com](http://www.gedore-torque.com)



### To adjust the torque setting:

Use a 4 mm hex key to remove the end cap.



Use a 2 mm hex key to release the locking grub screw by turning anti-clockwise.

### To increase torque:

Using the 4mm hex key, rotate clockwise until the correct torque is shown consistently on the Analyser. (10 readings)

### To reduce torque:

When adjusting, always approach the required torque from a lower setting. To reduce the torque, rotate the key anti-clockwise past your setting, then increase torque to the required value.



### To set torque:

Turn the locking grub screw clockwise with a 2mm hex key.



### To use Torque Wrench:

The TSN Wrench is designed for use with sockets.

## ⚠ Servicing Information

Regular servicing of your Torque Tool by competent personnel is important to ensure it continues to perform correctly.

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