



TAKING THE RISK
OUT OF TIGHTENING

Ergo Quickset - Calibrated Torque Screwdriver

QSN & QSA Models

Kalibriert Drehmomentschraubendreher - Tournevis dynamométrique ,
Calibrado atornillador - Calibrato coppia Cacciavite



Operators Manual

Instruction Part Number P26630 Issue 2



Products:	QSN – All Models QSA – All Models
Mechanism Type:	Slipping
ISO 6789 Designation:	Type 2, Class D
Repeatability:	+/- 6% of Torque Setting
Calibration Period:	Every 12 Months or 5000 cycles (minimum)

Safety & Maintenance

- Use only as a Torque Screwdriver.
- Do not use as a hammer, chisel or pry bar.
- Only hold the tool using the handle.
- For increased leverage, use the T-Bar provided (QSN 600/900 & QSA 50/80 only)
- Always ensure that the screwdriver 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 of oil, grease and water before use.
- Never dip into cleaning fluid or petroleum.

Spare parts, servicing and calibration instructions are available from **Torqueleader**. Please contact us or visit www.torqueleader.com for further information.

Adjustment Procedure

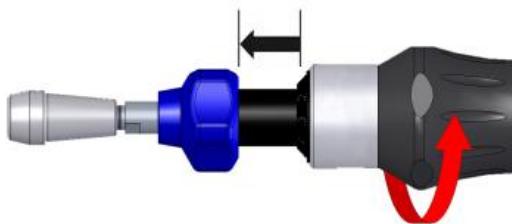
1



Press Knob

Engage the adjusting mechanism by pressing and holding down the anodised adjusting knob.

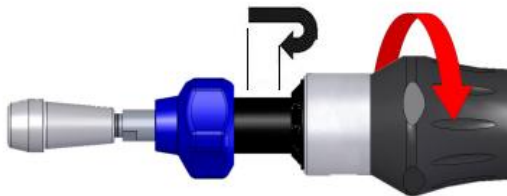
2



Increase Torque

Rotate the handle clockwise until the required torque is selected on the calibrated scale.

3



Reduce Torque

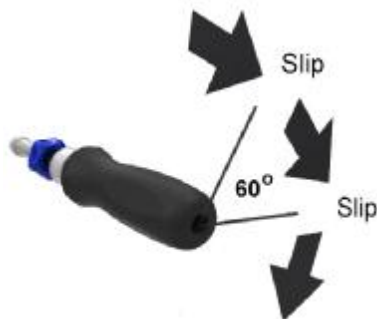
When adjusting, always approach the required torque from a lower setting. Rotate the handle anti-clockwise past your setting, then increase torque to the required value.

4



Increase Leverage

QSN 500, QSN900, QSA 50 & QSA90 models are provided with a Sliding T-Bar to increase the leverage at higher torques. This fits into the 1/4" Square Drive in the end of the handle.



Ergo Quickset Screwdriver is designed for use with sockets and screwdriver bits and blades.

At the set torque, the handle rotates through an angle of 60° before resetting.

After use, set the screwdriver at the lowest setting on the scale.

Torqueleader – Taking The Risk out Of Tightening

Measure



- Torque measuring tools are used in Research, Development, Inspection and Quality Control where there is a need to check torque settings. This type of tool can also be used in a servicing or Production environment to apply torque.
- Measuring Torque Tools feature a dial or digital readout and are available in screwdriver or wrench formats, covering torque values up to 2000 N.m.

Apply



- Torque applying tools are used to apply a set torque to a fastener. The tool will **Click**, **Break** or **Slip** to signal to the operator when the set torque has been achieved.
- **Preset** tools are ideal for production areas where the same torque is applied repeatedly.
- **Calibrated Scale** tools are operator adjustable and are ideal for servicing applications where ease of adjustment is essential.

Calibrate



Torqueleader offer two types of Torque Analyser:

- **Mechanical** Analysers offer a low cost robust and easy to use device, designed to set and calibrate low range torque tools.
- **Digital** Analysers allow the user to download test results, test powered torque tools and reach higher torque values than are possible using mechanical analysers.

Torqueleader's Calibration Service

Professional, Quality and Competitive



- Regular calibration to International Standards is vital to ensure that your torque equipment is operating at its peak performance.
- We have a UKAS Calibration Laboratory, accredited to ISO/IEC 17025:2005 on site, capable of recalibrating most Hand Torque Tools, Analysers and Transducers in accordance with the International Standards.

Torqueleader, Tannery Lane, Gosden Common,
Bramley, Guildford, Surrey, GU5 0AJ

Sales Hotline: +44 (0) 1483 894476
Switchboard: +44 (0) 1483 892772
Faxsmile: +44 (0) 1483 898536
Email: salesandrepairs@torqueleader.co.uk



TAKING THE RISK OUT OF TIGHTENING

Torqueleader is a partner in the **GEORE** Group

www.torqueleader.com