



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 3



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.
- Optional Lock On T-Bar for larger models of screwdriver, provides extra leverage when required (Order Code: P29530)
- 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

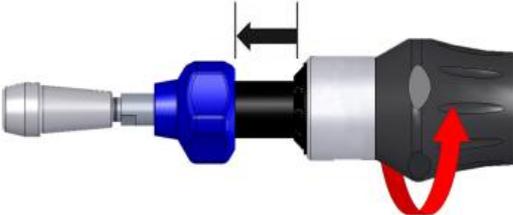


Press Knob

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

The diagram shows a close-up of the screwdriver handle with a blue adjusting knob. A red arrow points downwards towards the knob, indicating the direction to press it.

2

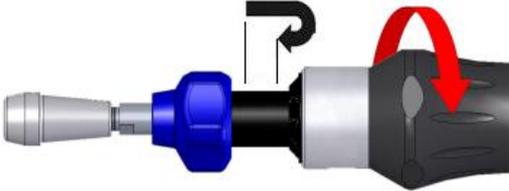


Increase Torque

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

The diagram shows the handle with a red curved arrow indicating clockwise rotation. A black arrow points to the left, indicating the direction to move the handle towards the scale.

3



Reduce Torque

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

The diagram shows the handle with a red curved arrow indicating anti-clockwise rotation. A black arrow points to the right, indicating the direction to move the handle away from the scale.

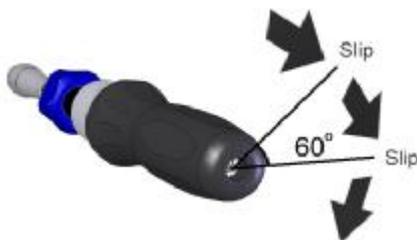
4



Increase Leverage

Optional Lock On T-Bar for larger models of screwdriver, provides extra leverage when required (Order Code: P29530). This fits into the ¼" Square Drive in the end of the handle.

The diagram shows the screwdriver handle with a silver T-bar inserted into the square drive at the end.



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.

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