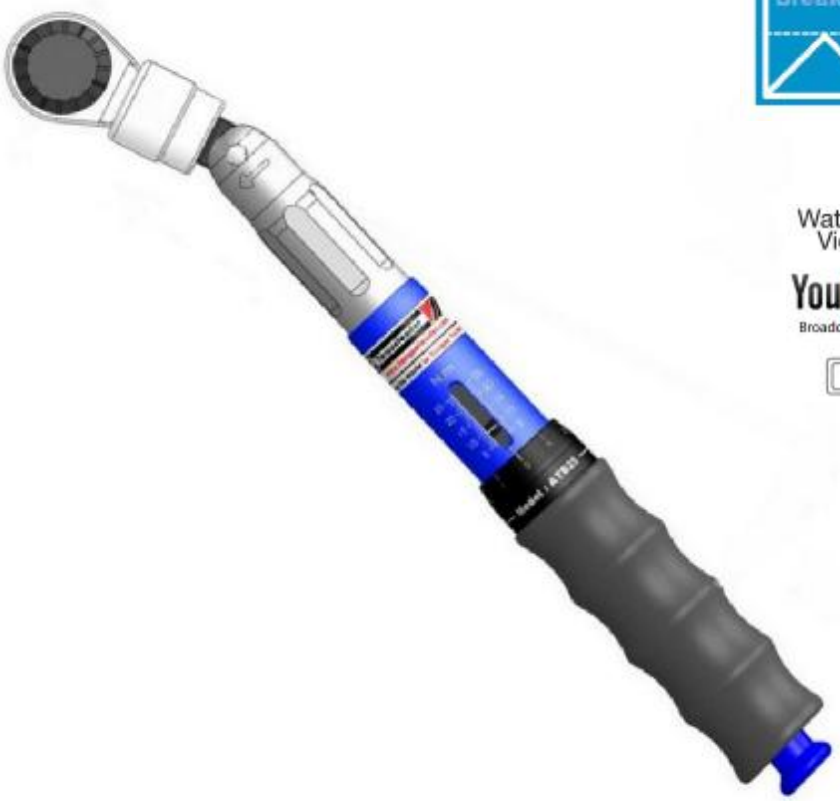
Torqueleader®

TAKING THE RISK OUT OF TIGHTENING

ATB - Adjustable Breaking Torque Wrench

ATB 25, ATB 50, ATB 100 All versions

Verstellbarer Knick-Drehmomentschlüssel - Clés à cassure réglables,
Llave dinamométrica de rotura adjustable - Chiavi "breaking" regolabili



Breaking

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Operators Manual

Instruction Part Number P32870 Issue 4

Products:	ATB 25, ATB 50, ATB 100 All Models
Mechanism Type:	Breaking
ISO 6789 Designation:	Type 2, Class A
Repeatability:	+/- 4% of Torque Setting
Calibration Period:	Every 12 Months or 5000 cycles (minimum)

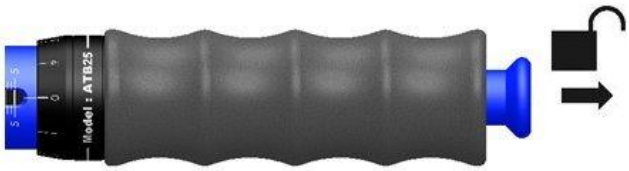
Safety & Maintenance

- Use only as a Torque Wrench.
- Do not use as a hammer or pry bar.
- Do not use extension bars to increase the leverage of the handle.
- 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 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

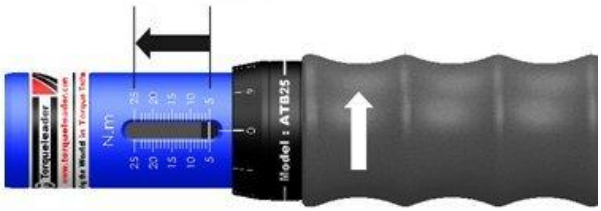
1



Unlock

Unlock the adjustment mechanism by pulling the Locking Knob at the end of the handle.

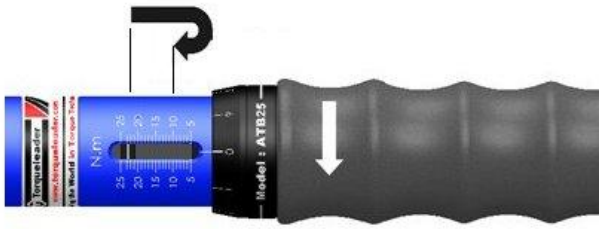
2



Increase Torque

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

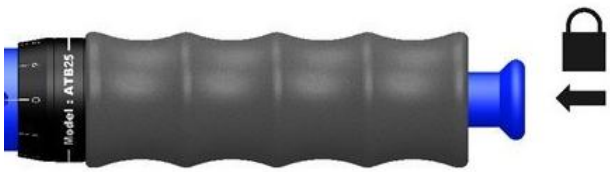
3



Reduce Torque

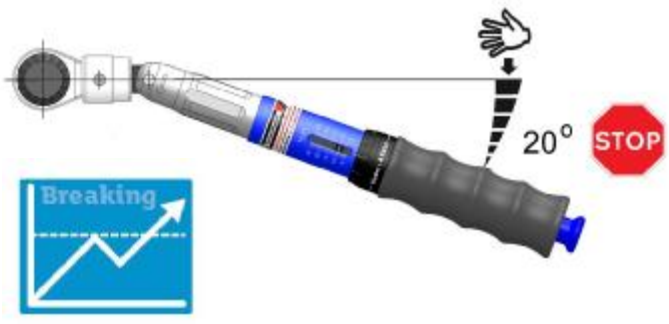
When adjusting, always approach the required torque from a lower setting.
Rotate the hand grip anti-clockwise past your setting, then increase torque to the required value.

4



Lock

Lock the adjustment mechanism by pushing the Locking Knob at the end of the handle.



The ATB Wrench is fitted with a reversible square drive ratchet and is designed for use with socket accessories.

At the set torque, the handle moves through an angle of 20º before resetting.

After use, set the wrench 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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