

# The smart solution to smart metering

26 MILLION UK RESIDENCES WILL SOON HAVE A SMART METER INSTALLED BY AN ENERGY SUPPLIER. EIGHT THOUSAND METERS WILL BE INSTALLED EVERY DAY, SO THE ENERGY COMPANIES WILL BE MINDFUL OF THEIR TIME INVESTED.

But with the mains electricity supply at the fore it is also critical that the work is completed safely. This is where ERIKS can help. Our know-how and passion for new technology brings you the latest innovations, and the Wiha TorqueVario VDE screwdriver is the smart solution to the smart metering roll-out.

Wiha Tools, the German hand tool specialist, now has the world's first electricians' torque screwdriver, the TorqueVario VDE, combining the qualities of an engineering torque screwdriver and an electricians' 1000V insulated VDE tool. The TorqueVario VDE addresses the concern that 'loose wires cause fires' and enables engineers to tighten terminal screws exactly as intended whilst still being protected from any live circuitry.



# Wera's Joker puts a smile on engineers' faces

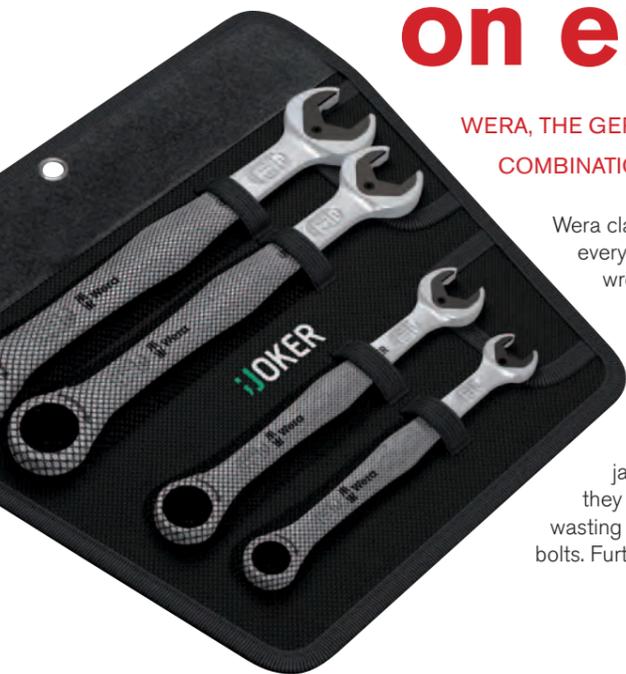
WERA, THE GERMAN SCREWDRIVING SPECIALIST, HAS RELAUNCHED ITS COMBINATION RATCHET WRENCH – THE JOKER.

Wera claims that The Joker can do everything that a combination ratchet wrench needs to do and more, pointing to four particularly striking product advantages that offer users added value. These include a practical holding function that allows nuts and bolts to be held in the jaw and easily positioned where they are needed, avoiding time-wasting searches for dropped nuts and bolts. Further features include a 'limit stop'

that prevents constant re-positioning of the wrench and eases the difficulty of holding fasteners in confined spaces.

The Joker's double-hex geometry delivers a highly positive connection with nuts or bolts, while the exchangeable, hardened metal gripping plate in the Joker's mouth effectively bites itself into the bolt. Both features combine to prevent any unpleasant slipping, even at higher torque.

For more information contact your local ERIKS service centre.



# Instant adhesive turns up the heat

THREE OF THE MOST POPULAR ADHESIVES IN THE LOCTITE RANGE ARE NOW TEMPERATURE RESISTANT UP TO 120°C.

This means that Loctite® 401, 406 and 454 can now join almost any material in as little as two seconds across a much wider spectrum of applications.

Clean and easy to apply, these products individually provide distinctive and unique characteristics that can now benefit applications where higher temperature exposure is a criterion. For example Loctite instant adhesives can be used for bonding components in the manufacture of electric motors, generators, loudspeakers, white goods and lighting equipment.

Loctite® 401 is Henkel's all-purpose instant adhesive, suitable for rubber, plastics, metals and porous material such as wood, paper, cork and leather. Loctite® 406 is particularly effective at bonding polyethylene, polypropylene and PTFE after-treatment with Loctite® 770 Polyolefin Primer. For applications where non-dripping is a pre-requisite, the improved Loctite® 44 is recommended.

For more information contact your local ERIKS service centre.



# Improve performance with the Drive Alignment Laser

The Fenner Drive Alignment Laser is the perfect tool for pulley and sprocket alignment. Applied magnetically in just a few seconds, the laser line projects onto targets, allowing rapid adjustment to perfect alignment.

Transmissions with two or more belts, or wide belts, can be significantly affected by misalignment, causing large differences in belt tensions and also increased wear and tear on edges. However, by using the Fenner Drive Alignment Laser engineers can reduce the wear on sheaves/pulleys, belts, bearings and seals as well as reducing vibration. Increased efficiency also means large energy cost savings.

The Fenner Drive Alignment Laser is suitable for most types of drive, such as V-belt, timing belt, flat belt and chain drives.



# Timken Spherical Roller Bearings redesign boosts performance

THE LAUNCH OF THE RECENTLY REDESIGNED TIMKEN SPHERICAL ROLLER BEARING HELPS MANUFACTURERS AND END-USERS BUILD AND OPERATE LEANER, MORE RELIABLE EQUIPMENT, WHILE HELPING TO REDUCE OPERATING COSTS.

Designed for the toughest, most demanding applications, from heavy gear and caster applications to the harshest aggregate and conveyor systems, Timken spherical roller bearings stand ready to help you operate at higher levels of efficiency and capacity.

With higher load and speed ratings than previous Timken spherical roller bearings, this next generation achieves higher performance levels with improved surface finishes and innovative features that are designed to lower operating temperatures and increase load-carrying capabilities.

New cage designs, including a nitrided, stamped steel slotted cage, help provide better purging of contaminants, while optimised internal geometries provide positive axial roller guidance and improved lubricant distribution. Circumferential roller guidance generates positive hydrodynamic contact, contributing to better roller/cage interaction.

In tests, Timken spherical roller bearings ran at consistently lower temperatures than same-size competitive bearings.

For more information please contact your local ERIKS service centre.

