

MTBN Break-Over Torque Wrenches by Mountz Inc.

Break-over wrenches improve control of the fastening process by reducing the risk of both over and under tightening

SAN JOSE, CA, USA, March 7, 2015 /EINPresswire.com/ -- Designed for a variety of fastening applications, the MTBN break-over [torque wrench](#) by Mountz Inc. ensures proper torque control. Break-over wrenches improve control of the fastening process by reducing the risk of both over and under tightening. Upon reaching the preset torque value, the tool "breaks-over" at a pivot point near the tool's head. The unique break-over mechanism, provides an operator ample time to react once the target torque is reached and to stop applying any additional force to the fastener.

[Break-Over torque wrenches](#) are essential to limiting the amount of torque applied to an assembly or fastening application. The [MTBN wrench](#) is a preset production

torque wrench with flexibility to adapt to different fastening applications as the tool is compatible with different head options, like an open end, box end, flare end, hex key end or a ratchet head. A preset torque wrench is similar to a person setting an alarm clock to signal the achievement of a selected time. The torque wrench is pre-set to the required torque value of the application and then the tool signals the operator when torque is achieved.

The compact and well balanced MTBN features a tamper-proof internal torque adjustment setting. There is no external adjustment scale, so the wrench must be preset using a torque tester. Designed and manufactured to meet or exceed the accuracy and repeatability requirements of ISO6789: 2003, Mountz offers various MTBN wrench models covering a torque range of 1.8 inch-pounds up to 147 foot-pounds.

A torque wrench is a precision tool and should be treated and maintained like a measuring instrument. To maintain consistent performance and accuracy, a torque wrench must be checked regularly. Early detection of worn parts or when a tool starts to drift out of tolerance will reduce unwanted expenses. A torque wrench is a measuring tool that must be properly calibrated and maintained. Regular maintenance and torque calibration ensures repeatable performance and accuracy, as well as adherence to international standards.

Using a quality torque wrench makes a safer world through accuracy and precision. Controlling torque is essential for companies to ensure their product's quality, safety and reliability isn't compromised. The failure of a three-cent fastener that isn't properly tightened can lead to catastrophic or latent failures. Fasteners that are insufficiently fastened can vibrate loose and excessive torque can strip



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threaded fasteners.

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