New Small Cam-Over Wrench by Mountz Inc.

Mountz cam-over wrench is designed to remove any operator influence and deliver precision torque control.

SAN JOSE, CA, USA, September 2, 2016 /EINPresswire.com/ -- The Mountz TSP tool is a new small cam-over torque wrench used for fastening applications where a single torque setting is required and will prevent an operator from incidentally adjusting the torque setting. Failures with torque control are unacceptable for many fastening applications. Mountz cam-over wrenches are designed to remove any operator influence and deliver precision torque control.

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As a quality control tool, the TSP allows any user to deliver the correct torque with confidence regardless of task and operator skill level. Unlike most wrenches, the TSP torque wrench is a non-length dependant tool meaning it can be gripped at any point along the handle without affecting accuracy. The preset wrench does not feature an external adjustment scale. These tools have an internal torque adjustment mechanism that must be preset using a torque tester.

Built with the reliable, trusted cam-over technology, the TSP torque wrench prevents a fastener or bolt from being over-torqued. The design action of the cam-over torque wrench is such that when the tool reaches its preset torque value the mechanism disengages from the drive thus limiting the torque applied.

The torque wrench features an ergonomically designed rubber hand-grip, a slim profile, and is lightweight. Manufactured with quality stainless steel head, the TSP torque wrenches are ESD compliant. Designed and manufactured to meet or exceed the accuracy and repeatability requirements of ISO6789: 2003, Mountz offers various models covering a torque range from 10 inch-pounds up to 90 inch-pounds.

Inside the TSP torque wrench, a precision radial ball clutch "slips-free" when the preset torque is reached preventing the fastener from being over-torqued. The use of a cam-over torque wrench removes torque failures out of the fastening equation and offers more accurate and repeatable results than a standard 'click' type wrench. A click wrench typically breaks about three degrees after set torque is reached and then becomes positive. If the operator continues to pull on the click wrench, he or she can over tighten the fastener.

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 threaded fasteners.

Chris Morris
Mountz Inc.
408.2922214
email us here
