

Mountz Introduces the New TLS Prime Preset Torque Screwdriver

An Economical Preset Torque Screwdriver

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/EINPresswire.com/ -- The [TLS Prime](#) is a new economical [preset torque screwdriver](#) series by Mountz, Inc. Designed with the same trusted Mountz cam-over technology, the TLS Prime provides the basic elements required for preventing over torque occurrences. The new screwdriver features a lightweight design with an ergonomic grip that reduces any operator fatigue during the tightening process.

The TLS Prime is designed for industries with low volume fastening applications or have less stringent torque control requirements. Engineered with a durable plastic cam mechanism, the preset screwdriver (internally adjustable) still provides precision torque control and prevents a fastener or bolt from being under and overtightened. The tool is built for a capacity of 2,000 life cycles. The preset [torque screwdriver](#) features a one-way clutch system that is designed to apply torque in one direction and lockup in the opposite direction for easy screw removal. The screwdriver is ideal

for maintenance and refurbishing applications.

The TLS Prime torque screwdriver is a cost-effective solution where over-torque conditions are not tolerated. The design action of the torque screwdriver is such that when the tool reaches its pre-set torque value the mechanism disengages from the drive thus limiting the torque applied. As a quality tool, the preset screwdriver allows any user to deliver the correct torque with confidence regardless of task and operator skill level. Making a safer world through accuracy and precision is the core purpose at Mountz.

A preset torque screwdriver is similar to a person setting an alarm clock to signal the achievement of a selected time. The torque screwdriver is pre-set to the required torque value of the application and then the tool signals the operator when torque is achieved. A preset torque screwdriver does not feature an external adjustment scale. These tools have internal adjustment mechanism for setting the torque value and must be preset using a torque tester. Preset screwdrivers are typically used for applications where there is one torque setting required. However, if the torque specification changes or a new project requires a different torque setting, the preset torque screwdriver is still flexible enough that a new torque setting can be set internally using a torque analyzer.



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The design action of the cam-over torque screwdriver is such that when the tool reaches its selected torque value the mechanism disengages from the drive thus limiting the torque applied. Designed for a variety of industries like service applications on white goods and electronics, firearms, solar panel installations, tire valve installations, machine cutting tools, sporting industries, as well as other field service applications. Mountz features two preset screwdriver models that range from 1.8 - 40 inch-pounds.

Using a quality torque screwdriver 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.

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