

50V Insulated Preset Torque Wrenches

Torque range from 0.4 to 25 N.m

These tools have been precision-engineered to provide absolute accuracy and user safety during electrical assembly and maintenance. Our unique breaking or slipping mechanism eliminates the risk of incorrect tightening and the compact tool design provides protection where there are electrically live components, up to 50V.

Essential service and maintenance - with no power

Helicopters require frequent maintenance and servicing, in order to ensure continuous safe operation. Often, this work has to be carried out in remote locations, without access to power, meaning that it is not possible to use hydraulic or impact wrenches.

Gedore Torque tools provide precision torque control, making it easier and often safer to tighten and loosen threaded fasteners to the high standards critical to the performance and safety of civilian and military helicopters.



INDUSTRY SECTORS

Manufacturing



Automotive



Utilities



Aerospace



Military



Consumer Products

50V insulated preset torque wrenches for electrical assembly

Torque range from 0.4 to 25 N.m

Performing business critical work accurately, easily - and safely

Many businesses, organisations and industries depend upon emergency backup power systems to provide a continuous supply of electricity in the event of the loss of mainstream power supply. Often, this is provided by banks of batteries, that need to be checked, maintained and replaced on a regular basis – including while they are in operation and therefore electrically ‘live’. Battery cells used to power all electric vehicles like the Tesla Model S or hybrids like BMW and Volkswagen all need to be maintained during their lifetime and most EV makers offer end-of-life vehicle recycling to ensure batteries and electrical parts are disposed of responsibly. Gedore Torque Insulated Torque Wrenches ensure that this essential work can be carried out accurately, easily and safely.

Absolute accuracy and consistency. Accurate process control is ensured by eliminating under and over tightening, due to the unique Breaking or Slipping Technology installed in the wrench

Improved production efficiency. Eliminates the possibility of product failure due to shorting, arcing or other electrical damage

Ease of use. The small and compact design combined with the totally insulated body is ideal for use in restricted space where there are electrically live components

User safety. Designed for use in low voltage and other battery applications where protection up to 50 volts is required. Double layer nonconductive PVC insulation provides protection against low voltage shorting

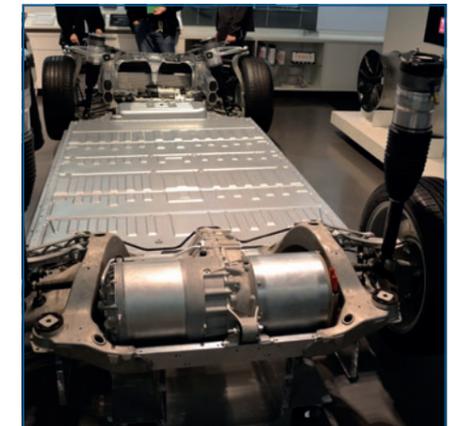
Slipping Mechanism
Incorrect tightening is impossible



TBN 10 50V



Breaking Mechanism
Incorrect tightening is unlikely



Additional features

Accessories. **See pages 84-95**

These Wrenches are preset type torque tools. They must be set to the required torque value by using a Torque Analyser like the DREMOTEST E. **See page 78 for details**

Tool pre-set at point of order

Tool can be kept accurate and up to date with our Calibration service. **See page 98 for details**

For more information: Tool Selector; gedore-torque.com/tool-selector Telephone; +44 (0) 1483 894 476
Videos; www.youtube.com/gedore-torque Email; salesandrepairs@gedore-torque.com

Want to know how to use this tool?
YouTube
Watch our video

Order Code	Model	Range		Drive	k mm	kg	Repeatability
		ISO	Imperial				
011108	TBN 2 50V	0.4-2 N.m	3.5-18 lbf.in	1/4	105	0.17	+/- 6%
011208	TBN 10 50V	1-10 N.m	9-89 lbf.in	1/4	105	0.17	+/- 6%
011062	TSN 25 D 50V	5-25 N.m	4-18 lbf.ft	1/2	220	0.40	+/- 4%
011072	TSN 25 A 50V	5-25 N.m	4-18 lbf.ft	3/8	220	0.40	+/- 4%