

## TSN & TSP Preset Slipping Torque Wrenches

Torque range from 1 to 125 N.m

High quality tools that have been designed and precision-engineered to meet the stringent demands of manufacturing businesses in most industries. The unique slipping mechanism eliminates under

and over tightening in Production, hence ensuring absolute precision. EPA compliant.

TSN 55

TSP 10

**Slipping Mechanism**  
Incorrect tightening is impossible



### INDUSTRY SECTORS

#### Manufacturing



## Preset Slipping Torque Wrenches

Models: TSP5 & 10, TSN 25, 55 & 125

**Absolute accuracy and consistency.** Accurate process control is ensured by eliminating under and over tightening, regardless of operator's hand position, due to the unique Slipping Technology

**Ease of use.** Tools can be used with confidence by operators at any skill level, due to unique slipping mechanism

**Electronics.** Ideal for safe electronic component assembly as this tool is EPA compliant for use in Electrostatically Sensitive Areas. See table for details

**Improved production efficiency.** Reduces the likelihood of warranty and rework by assuring process control through accurate and repeatable torque setting due to its adjusting system

**Improved Process Control.** Process control can be further enhanced by using the Switch Operated Signal Torque versions (Sw) to confirm the correct torque has been applied to a particular fastener (see pages 42-43)

**Long tool life.** High quality, robust design and construction, further guaranteed by a two year warranty



### Additional features

Accessories. See pages 72-79

EPA compliant alternative available. See table below

For details of Sockets. See page 75 or visit [www.gedore-torque.com](http://www.gedore-torque.com)

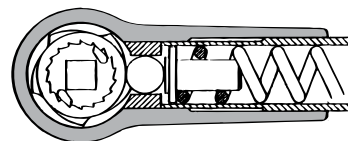
For Switch Operated Signal Torque versions (Sw). See pages 42-43

Modifications are possible. Please contact us to discuss

TSN & TSP Wrenches are preset type torque tools. They must be set to the required value by using a Torque Analyser like the DREMOTEST E or Capture Calibration System. See page 64 for details

TSN 25 versions come with either 1/4" or 3/8" Drive

Working principle of the Gedore Torque Slipping Wrenches



**For more information:** Tool Selector; [gedore-torque.com/tool-selector](http://gedore-torque.com/tool-selector) Telephone; +44 (0) 1483 894 476  
Videos; [www.youtube.com/gedore-torque](http://www.youtube.com/gedore-torque) Email; [salesandrepairs@gedore-torque.com](mailto: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 6789 Class	
		ISO	Imperial						
056090	TSP 5	1-5 N.m	10-45 lbf.in	1/4"	185	0.19	+/- 6%	2C	✓
056100	TSP 10	2-10 N.m	20-90 lbf.in	1/4"	185	0.19	+/- 6%	2C	✓
011017	TSN 25 D	5-25 N.m	4-18 lbf.ft	3/8"	216	0.34	+/- 4%	2C	✓
011019	TSN 25 A	5-25 N.m	4-18 lbf.ft	3/8"	216	0.34	+/- 4%	2C	✓
011035	TSN 55	15-55 N.m	10-40 lbf.ft	3/4"	324	0.80	+/- 4%	2C	✗
011055	TSN 125	40-125 N.m	30-90 lbf.ft	1"	460	1.36	+/- 4%	2C	✗

## 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



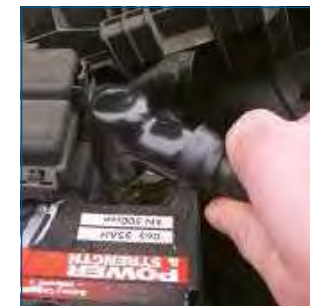
Consumer Products

## 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'. 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

**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

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

**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

### Additional features

Accessories. See pages 72-79

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 64 for details

Tool pre-set at point of order

Tool can be kept accurate and up to date with our Calibration service. See page 82 for details



TBN 10 50V

**Slipping Mechanism**  
Incorrect tightening is impossible



**Breaking Mechanism**  
Incorrect tightening is unlikely



**For more information:** Tool Selector; [gedore-torque.com/tool-selector](http://gedore-torque.com/tool-selector) Telephone; +44 (0) 1483 894 476  
Videos; [www.youtube.com/gedore-torque](http://www.youtube.com/gedore-torque) Email; [salesandrepairs@gedore-torque.com](mailto: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	3/8"	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	3/4"	220	0.40	+/- 4%