

TSN 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 tools have been given a full facelift, resulting in a contemporary, high quality appearance appropriate to high technology

manufacturing lines. The unique slipping mechanism eliminates under and over tightening in Production, hence ensuring absolute precision. EPA compliant.



TSN 55

TSN 10/90

Slipping Mechanism
Incorrect tightening is impossible



INDUSTRY SECTORS

Manufacturing



Automotive



Aerospace



Military



Consumer Products

Preset Slipping Torque Wrenches

Models: TSN 5, 10, 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

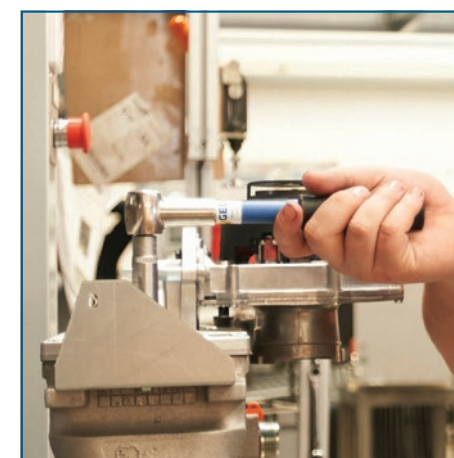
Ease of use. Tools can be used with confidence by operators at any skill level, due to unique slipping mechanism

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 84-95**

EPA compliant alternative available. **See table below**

For details of Sockets. **See page 87** or visit www.gedore-torque.com

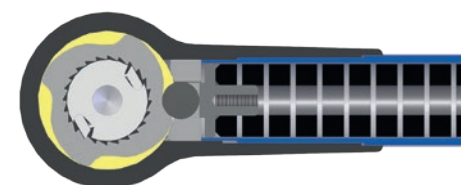
For Switch Operated Signal Torque versions (Sw). **See pages 42-43**

TSN 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 78 for details**

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

TSN 5 & 10 use new bearing technology. The bearings are manufactured from self-lubricating polymer material, meaning that they are extremely wear resistant

Non-slip grip. TSN 5 & 10 utilise glass filled Nylon 66, giving non-slip grip. This means greater durability, anti-static properties and EPA compliance, for use in Electrostatically Sensitive areas.



Working principle of the Gedore Torque Slipping Wrenches

Order Code	Model	Range		Drive	k mm	kg	Repeatability	ISO 6789 Class	
		ISO	Imperial						
011301	TSN 5/45	1-5 N.m	10-45 lbf.in	1/4"	185	0.19	+/- 6%	2C	✓
011401	TSN 10/90	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	1/2"	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	3/8"	324	0.80	+/- 4%	2C	✗
011055	TSN 125	40-125 N.m	30-90 lbf.ft	1/2"	460	1.36	+/- 4%	2C	✗