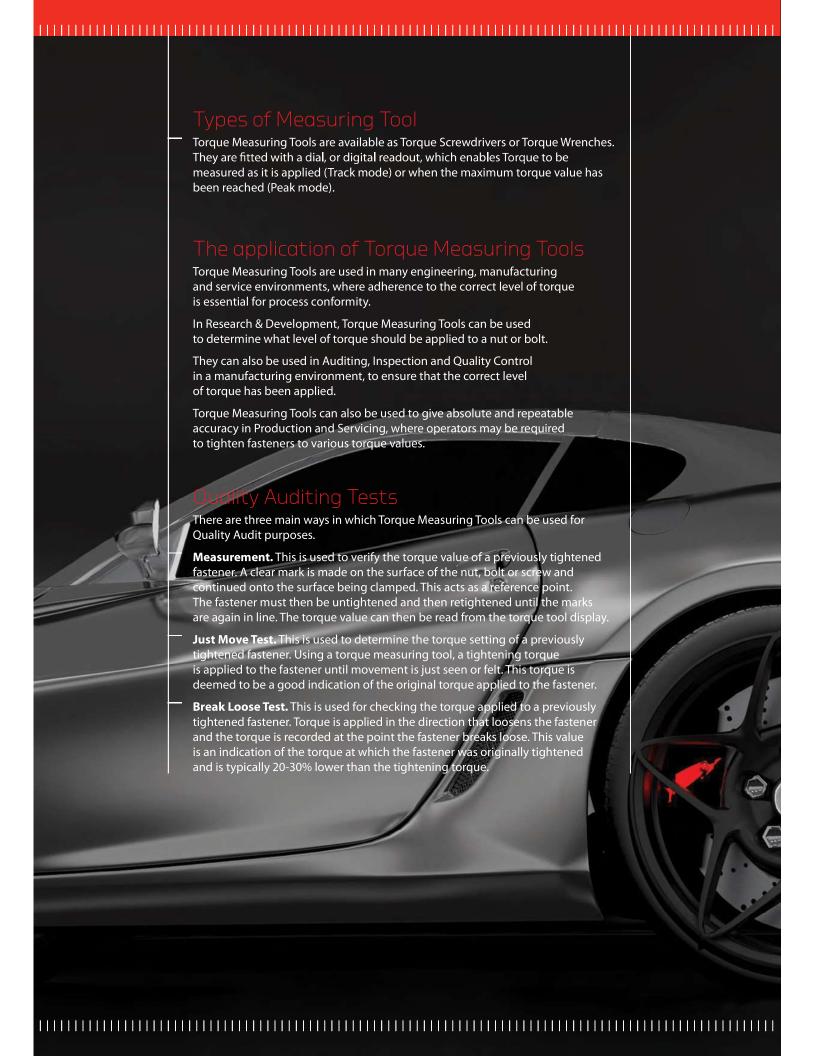
Torque Measuring Tools

Introduction

Torque Measuring Tools are used in many manufacturing and engineering businesses to check, determine or apply the correct level of torque, using a dial or digital readout. They perform a crucial role in Audit, Inspection, Production, Quality Control, Research & Development and Servicing environments.

Engineering and manufacturing depend upon the accurate application of torque to nuts, bolts and fasteners. In fact, torque is essential for process conformity, product safety and total reliability: service problems and product failure can often be the result of insufficient or excessive torque. Gedore Torque Measuring Tools minimise these problems by ensuring that the correct torque settings can be applied and checked, with absolute and repeatable accuracy.



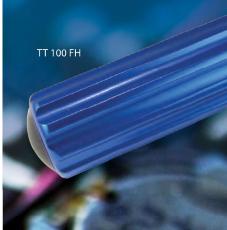


TT Dial Measuring Torque Screwdrivers

Torque range from 0.1 to 5 N.m.

The Gedore Torque range of Dial Measuring Torque Screwdrivers is designed for torque evaluation and torque verification, in order to ensure process conformity, product safety and absolute reliability. These low cost and versatile tools provide accuracy,

reliability and economy in a wide range of Maintenance and Repair, Quality Control, Research & Development and Assembly operations in any engineering or manufacturing environment.





Maintenance







Quality









Versatile Torque Measuring Screwdrivers for any manufacturing environment

Absolute accuracy. Unique torsion bar mechanism to ensure total precision

Dual scale. Dial provides efficient measurement in Metric and Imperial torque units in both directions, delivering flexibility and minimising tool investment

Ease of use. Lightweight materials. Tools can be used by operators at any skill level

Long tool life. High quality, robust construction: stainless steel shaft, attractive coloured aluminium handle and sturdy dial

Measure Process Conformity. Unique memory function enables these tools to carry out the Just Move and Break Loose Quality Auditing Tests

No risk of tool damage. Overload Protection System with unique positive contact mechanism

Operational versatility. Torque can be measured as it is applied (Track mode) or when the maximum torque value has been recorded (Peak mode)



Additional features

Calibration Service enables tools to be kept accurate and up to date. See page 98

Two year warranty provides additional peace of mind

Range of accessories provides versatility. See pages 84-95

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



Order		← Calibrated Range —						→			
Code	Model	ISO	لسلسا	Imperial	لسلسا	Drive	k mm >	J ġ J	Accuracy	ISO 6789 Class	EPA
017400	TT 50 FH	10-50 cN.m	2 cN.m	14-70 ozf·in	2 ozf∙in	⟨¹½²⟩	178	190	+/- 6%	1D	1
017500	TT 100 FH	20-100 cN.m	4 cN.m	28-140 ozf·in	4 ozf∙in	⟨1 _{/4} °⟩	178	190	+/- 6%	1D	1
017600	TT 250 FH	50-250 cN.m	10 cN.m	4-20 lbf·in	0.5 lbf·in	⟨¹½°⟩	250	465	+/- 6%	1D	1
017700	TT 500 FH	100-500 cN.m	20 cN.m	8-40 lbf·in	1 lbf·in	(1/ ₄)	250	465	+/- 6%	1D	1
I											



ADS, BDS, CDS, DDS & EDS Signal versions available. All ADS models are **EPA compliant**

Robust and versatile tools Dial Measuring Torque Wrenches

Dual scale. Dial provides effective measurement in Metric and Imperial torque units in both directions, delivering flexibility and minimising tool investment

Ease of use. Tools can be used by operators at any skill level

Long tool life. High quality construction and robust design with a two year warranty

No risk of tool damage. Overload Protection System. Recessed dial minimises damage to the dial display

Versatile usage. Use for Maintenance, Repair, Assembly and Quality Control

Wide range of applications.
Tightening and untightening measurement is possible, with double-ended ratchet as standard (except EDS versions)

Additional features

Calibration Service enables tools to be kept accurate and up to date.

See page 98

Special extension spanners.

See page 95

Optional audio visual signal system. Clear indication is given when the target torque has been reached

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Order		←	 Calibrated 	l Range ———	→					ISO 6789	
Code	Model	ISO	لسلسا	Imperial	لسيلسيا	Drive	k mm >	J kg J	Accuracy	Class	Sign
010100	ADS 4	0.8-4.0 N.m	0.1 N.m	7-35 lbf·in	1 lbf·in	1/4"	244	0.52	+/- 3%	1B	Х
010108	ADS 4 S	0.8-4.0 N.m	0.1 N.m	7-35 lbf·in	1 lbf·in	1/4"	244	0.52	+/- 3%	1B	1
010120	ADS 8	1.6-8.0 N.m	0.25 N.m	14-75 lbf·in	1 lbf·in	1/4"	244	0.52	+/- 3%	1B	Х
010128	ADS 8 S	1.6-8.0 N.m	0.25 N.m	14-75 lbf·in	1 lbf·in	1/4"	244	0.52	+/- 3%	1B	1
010140	ADS 12 D	2.4-12 N.m	0.5 N.m	24-120 lbf·in	2 lbf·in	1/4"	244	0.52	+/- 3%	1B	Х
010148	ADS 12 DS	2.4-12 N.m	0.5 N.m	24-120 lbf·in	2 lbf·in	1/4"	244	0.52	+/- 3%	1B	1
010160	ADS 12 A	2.4-12 N.m	0.5 N.m	24-120 lbf·in	2 lbf·in	3/8"	244	0.52	+/- 3%	1B	Х
010168	ADS 12 AS	2.4-12 N.m	0.5 N.m	24-120 lbf·in	2 lbf∙in	3/8"	244	0.52	+/- 3%	1B	1
010180	ADS 25	5-25 N.m	1 N.m	48-240 lbf·in	10 lbf·in	3/8"	244	0.52	+/- 3%	1B	Х
010188	ADS 25 S	5-25 N.m	1 N.m	48-240 lbf·in	10 lbf·in	3/8"	244	0.52	+/- 3%	1B	1
010200	ADS 25 F	5-25 N.m	1 N.m	4-20 lbf·ft	0.5 lbf·ft	3/8"	244	0.52	+/- 3%	1B	Х
010208	ADS 25 FS	5-25 N.m	1 N.m	4-20 lbf·ft	0.5 lbf·ft	3/8"	244	0.52	+/- 3%	1B	1
010220	ADS 40	8-40 N.m	1 N.m	72-360 lbf·in	10 lbf·in	3/8"	244	0.52	+/- 3%	1B	Х
010228	ADS 40 S	8-40 N.m	1 N.m	72-360 lbf·in	10 lbf·in	3/8"	244	0.52	+/- 3%	1B	1
010240	ADS 40 F	8-40 N.m	1 N.m	6-30 lbf·ft	1 lbf·ft	3/8"	244	0.52	+/- 3%	1B	Х
010248	ADS 40 FS	8-40 N.m	1 N.m	6-30 lbf·ft	1 lbf·ft	3/8"	244	0.52	+/- 3%	1B	1
010300	BDS 80 A	16-80 N.m	2 N.m	12-60 lbf·ft	1 lbf·ft	3/8"	435	1.35	+/- 3%	1B	Х
010380	BDS 80 AS	16-80 N.m	2 N.m	12-60 lbf·ft	1 lbf·ft	3/8"	440	1.47	+/- 3%	1B	1
010320	BDS 80 E	16-80 N.m	2 N.m	12-60 lbf·ft	1 lbf·ft	1/2"	435	1.36	+/- 3%	1B	Х
010400	BDS 80 ES	16-80 N.m	2 N.m	12-60 lbf·ft	1 lbf·ft	1/2"	440	1.49	+/- 3%	1B	1
010410	BDS 100 EF	20-100 N.m	2 N.m	14-70 lbf·ft	2 lbf·ft	1/2"	515	1.41	+/- 3%	1B	Х
010415	BDS 100 E	20-100 N.m	2 N.m	168-840 lbf·in	24 lbf·in	1/2"	515	1.41	+/- 3%	1B	Х
010340	BDS 160	32-160 N.m	2.5 N.m	24-120 lbf·ft	2 lbf·ft	1/2"	515	1.41	+/- 3%	1B	Х
010420	BDS 160 S	32-160 N.m	2.5 N.m	24-120 lbf·ft	2 lbf·ft	V ₂ "	520	1.54	+/- 3%	1B	1
010360	BDS 200	40-200 N.m	5 N.m	30-160 lbf·ft	5 lbf·ft	1/2"	515	1.41	+/- 3%	1B	Х
010440	BDS 200 S	40-200 N.m	5 N.m	30-160 lbf·ft	5 lbf·ft	1/2"	520	1.54	+/- 3%	1B	1
010520	CDS 400 S	80-400 N.m	10 N.m	60-300 lbf·ft	10 lbf·ft	3/4"	710	3.20	+/- 3%	1B	1
010620	DDS 800 S	160-800 N.m	20 N.m	120-600 lbf·ft	20 lbf·ft	3/4"	1000	4.90	+/- 3%	1B	1
010700	EDS 1400 S	280-1400 N.m	25 N.m	200-1000 lbf·ft	25 lbf·ft	1	2040	16.7	+/- 3%	1B	1
010720	EDS 2000 S	400-2000 N.m	50 N.m	300-1500 lbf·ft	50 lbf·ft	1	2040	16.7	+/- 3%	1B	1

Torcotronic Digital Torque Wrench with Angle

Torque range from 10 to 350 N.m

Torcotronic Digital Torque Wrenches provide highly accurate and controlled bi-directional tightening, suitable for Production, Quality Auditing, Research & Development, and Maintenance and Repair applications. These microprocessor-controlled tools have

built-in memory which stores data for download to analysis software. A comprehensive range of accessories ensures that these robust, versatile precision assembly tools provide accuracy across a wide range of applications.

INDUSTRY SECTORS

Maintenance







Quality









Robust, versatile tightening - plus data collection and auditing capability

Accuracy. Exceptionally high levels of accuracy of +/-1% of reading between 10% and 100% of full scale

Bi-directional tightening. Supplied with reversible ratchet as standard

Control. High levels of accuracy give confidence that the tightening process is under control, hence also controlling rework and warranty costs with the added benefit of five programmable preset values

Data collection. The built-in memory can store 2,000 data points ready for download to analysis software. This also makes the tools faster and easier to use

Long tool life. High quality construction and robust design

Process traceability. Historic data storage and management features of easy to use PC software, available in 11 languages

Versatility. Tools integrate with 9x12 and 14x18 wrench fittings. Torque and angle capability ensures suitability for a broad range of applications across Production, Quality Auditing, Research & Development, and Maintenance and Repair



Software supplied as standard



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



	Order	← Calibrated Range — →								
	Code	Model	ISO	Imperial	Drive	Adaptors	k mm >	↓ kg ↓	Accuracy	ISO 6789 Class
	021640	120	10-120 N.m	7-88 lbf·ft	1 /2	9× 12	565	1.01	+/- 1%	1C
	021650	350	70-350 N.m	51-258 lbf·ft	V2	14 ^x 18	701	1.18	+/- 1%	1C
ШĚ	111111111									