



Measure

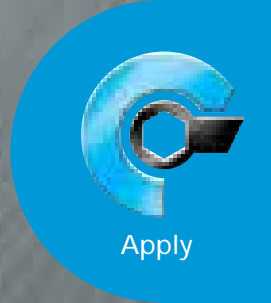
# Torcotronic Electronic Torque Wrenches

- ▶ Torcotronic Wrenches are ideal for torque measurement and auditing in Research and Development, Quality Control, Maintenance and Production areas
- ▶ Audible and visual alarm signals are received when approaching or achieving the preset torque
- ▶ Bi-directional operations, allows torque to be measured or applied in both clockwise and anticlockwise directions
- ▶ Test results can be downloaded into Microsoft Excel via the supplied PC software, allowing full data analysis and record storage
- ▶ Memory holds up to 2000 data entries
- ▶ User modes include, Peak, Track and Multi Presets
- ▶ The ratchet included can be removed and replaced with standard 9x12 or 14x18 end fittings
- ▶ Accuracy +/-1% of reading between 10% and 100% of full scale



Order Code	Model	←-----Calibrated Range-----→		Drive	Adaptors	k mm l	kg
		ISO	Imperial				
021620	120	10-120 N.m	7-88 lbf.ft	1/2"	9x12	435	0.92
021630	350	70-350 N.m	51-258 lbf.ft	1/2"	14x18	658	1.34

# Introduction to Torque Applying Tools

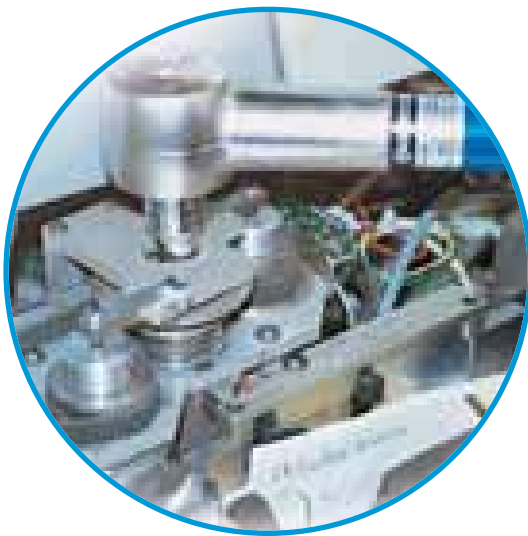


## What are they used for?

- Torque applying tools are used to apply a set torque to a fastener. The tool will slip, break or click to signal to the operator when the set torque is reached

## What types are there?

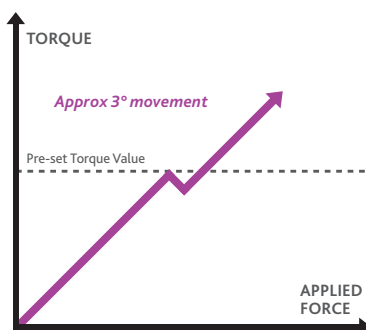
- There are two main groups of torque applying tool - tools that are preset and those that are adjustable by the user
- Preset tool are ideal in environments that require the same torque to be applied to a fastener time after time. These types of tool are tamper proof so are ideal for use by staff who are not highly skilled
- The second type of applying tool has a visible scale that allow the user to adjust the tools to their desired torque setting. This tool is ideal for use in areas where a range of different torque settings need to be applied



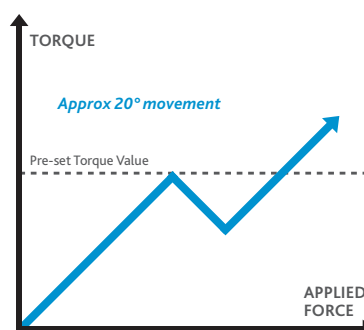
## What is slipping technology?

- At the heart of the Torqueleader range is slipping technology. When the preset torque is reached the tool slips free eliminating the possibility of over tightening fasteners. This technology offers the user reliable, accurate and repeatable torque control, by removing the responsibility from the operator and placing it in the hands of a reliable, repeatable mechanism
- See graphs for illustration below

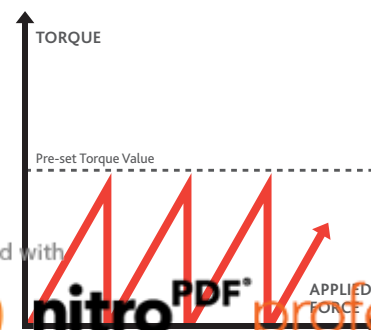
**'Click' Tools**  
(over tightening Possible)



**'Breaking' Tools**  
(over tightening Unlikely)




**'Slipping' Tools**  
(over tightening Impossible)




















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# Quickset Calibrated Screwdrivers

- The Quickset Calibrated Screwdrivers range incorporates slipping technology, eliminating over tightening completely
  - Micrometer adjustment allows easy accurate setting
  - Smooth reset action reduces operator fatigue
  - Designed to torque in both clockwise and anticlockwise directions
  - These tools are designed and manufactured to exceed the requirements of ISO 6789:2003
  - Accuracy +/- 6% of setting
  - ISO 6789:2003 classification 2D
-  Accessories available.  
See pages 45-46



Order Code	Model	Range		Drive	k mm $\Delta$	$\Delta$ g	Colour
016000	Quickset Minor Metric	20-120 cN.m	1 cN.m		160	158	Black
016040	Quickset Minor Metric	20-120 cN.m	1 cN.m		169	165	Black
016020	Quickset Minor Imp	20-120 ozf.in	1 ozf.in		160	158	Black
016060	Quickset Minor Imp	20-120 ozf.in	1 ozf.in		169	165	Black
016080	Quickset Minor lbf.in	2-12 lbf.in	0.1 lbf.in		160	158	Grey
016070	Quickset Minor lbf.in	2-12 lbf.in	0.1 lbf.in		169	165	Grey
016100	Quickset 6*	1-6 N.m	0.1 N.m		222	340	Red
016500	Quickset 6*	1-6 N.m	0.1 N.m		184	334	Red
016200	Quickset 5*	5-50 lbf.in	1 lbf.in		222	340	Red
016600	Quickset 5*	5-50 lbf.in	1 lbf.in		184	335	Red
016300	Quickset 9*	4-9 N.m	0.1 N.m		222	340	Green
016700	Quickset 9*	4-9 N.m	0.1 N.m		184	335	Green
016400	Quickset 40*	40-80 lbf.in	1 lbf.in		222	340	Green
016800	Quickset 40*	40-80 lbf.in	1 lbf.in		184	335	Green

Apply > Quickset Calibrated Screwdrivers

\*Supplied with Sliding T-Bar



# Ergo Quickset Calibrated Screwdrivers



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- The Ergo Quickset Calibrated Screwdrivers range incorporates slipping technology, eliminating over tightening
- A specially designed ergonomic grip combined with a smooth reset action reduces operator fatigue
- Once the tool is set, the adjustment lock prevents accidental tool adjustment. Ensuring the correct torque is applied
- Both Metric and Imperial models of the Ergo quickset are available
- Designed to torque in both clockwise and anticlockwise directions
- These tools are designed and manufactured to exceed the requirements of ISO 6789:2003. Accuracy +/- 6% of setting
- ISO 6789:2003 classification 2D



🔧 Accessories available, see pages 45-46

Order Code	Model	Range		Drive	k mm	g
060700	QSN 40	5-40 cN.m	1 cN.m		159	124
060900	QSN 40	5-40 cN.m	1 cN.m		159	124
060740	QSA 60	10-60 ozf.in	1 ozf.in		159	124
060940	QSA 60	10-60 ozf.in	1 ozf.in		159	124
060720	QSA 4	0.5-4 lbf.in	0.1 lbf.in		159	124
060920	QSA 4	0.5-4 lbf.in	0.1 lbf.in		159	124
060100	QSN 120	20-120 cN.m	1 cN.m		183	230
060200	QSN 120	20-120 cN.m	1 cN.m		183	230
060140	QSA 160	20-160 ozf.in	1 ozf.in		183	230
060240	QSA 160	20-160 ozf.in	1 ozf.in		183	230
060120	QSA 12	2-12 lbf.in	0.1 lbf.in		183	230
060220	QSA 12	2-12 lbf.in	0.1 lbf.in		183	230
060300	QSN 600*	1-6 N.m	0.1 N.m		196	335
060400	QSN 600*	1-6 N.m	0.1 N.m		196	335
060320	QSA 50*	10-50 lbf.in	1 lbf.in		196	335
060420	QSA 50*	10-50 lbf.in	1 lbf.in		196	335
060500	QSN 900*	4-9 N.m	0.1 N.m		196	335
060600	QSN 900*	4-9 N.m	0.1 N.m		196	335
060520	QSA 80*	30-80 lbf.in	1 lbf.in		196	335
060620	QSA 80*	30-80 lbf.in	1 lbf.in		196	335

Apply > Ergo Quickset Calibrated Screwdrivers

\*Supplied with Sliding T-Bar



download the free trial online at [nitropdf.com/professional](http://nitropdf.com/professional)



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# Torque Limiting Screwdrivers

- The TLS 0022 incorporates slipping technology, eliminating over tightening
- Tamperproof adjustment makes this tool ideal for production, where the same torque must be accurately and repeatably applied
- Smooth reset action reduces operator fatigue
- Designed and manufactured to exceed the requirements of ISO 6789:2003. Accuracy +/- 6% of setting
- ISO 6789:2003 classification 2F

🔧 Accessories available, see pages 45-46



Order Code	Model	Range		Drive	k mm ↯	↯ g ↯	Colour
		ISO	Imperial				
015000	TLS 0022 Micro	2-22 cN.m	3-32 ozf.in		76	50	Red
015080	TLS 0022	0.5-22 cN.m	0.7-32 ozf.in		104	72	Gold
015089*	CRS 100-0022	2-22 cN.m	3-32 ozf.in		104	72	Grey

Apply > Torque Limiting Screwdrivers

\*Clean room version

- The Minor Screwdriver incorporates slipping technology, eliminating over tightening
- Tamperproof adjustment makes this tool ideal for production, where the same torque must be accurately and repeatably applied
- Smooth reset action reduces operator fatigue
- Impact Free Reset and one way action versions are available upon request
- Designed and manufactured to exceed the requirements of ISO 6789:2003. Accuracy +/- 6% of setting
- ISO 6789:2003 classification 2F

🔧 Accessories available, see pages 45-46



Colours available

Order Code	Model	Range		Drive	k mm ↯	↯ g ↯	Colour
		ISO	Imperial				
015100	Minor	2-135 cN.m	3 ozf.in - 12 lbf.in		143	210	Blue
015200	Minor	2-135 cN.m	3 ozf.in - 12 lbf.in		111	210	Blue
015209*	CRS 100-0135	11-135 cN.m	3-12 lbf.in ozf.in		111	210	Grey

Apply > Torque Limiting Screwdrivers

\*Clean room version