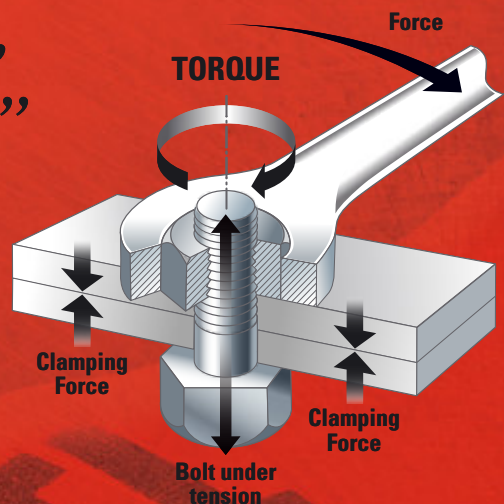


# TORQUE TOOLS

*“Torque is a rotational force that causes something to turn around a central point, such as an axle or bolt”*

$$T = r \times F$$



## Why use Torque Tools for electrical work?

Ensuring that electrical fastenings are of the correct tension is vital to their proper functioning and overall safety.

Applying torque to the required tolerance is the best way of achieving this.

### Too loose?

- Risk of fire from thermal runaway
- Risk of shock from arcing
- Inefficient energy transfer



### Too tight?

- Risk of stripping the thread
- Damage to the conductor which can lead to failure
- Damage to the earth wire which could cause the system to become energised



ITL Torque Wrenches have a double safety benefit – safety to the user through industry-beating insulation, and safety to the people who use and rely on the electrical system through accurate torquing.

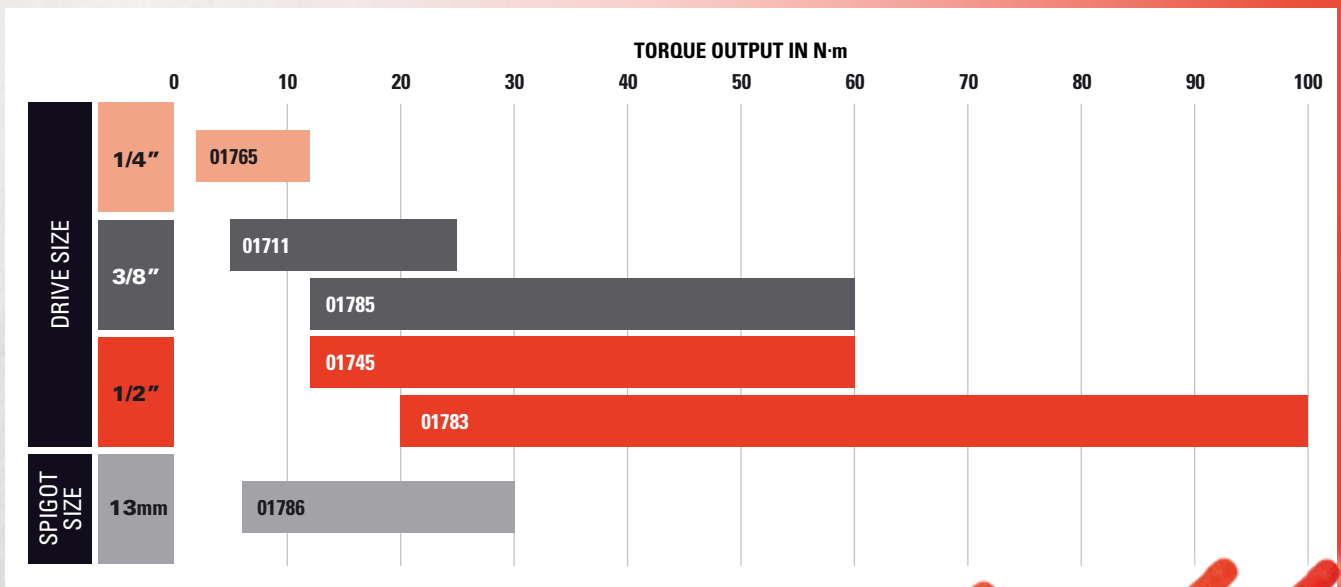
# TORQUE TOOLS

Our new and improved torque wrenches have been designed to ensure that the correct torque is safely applied to live connectors, fixings and fasteners.

They are the only ISO 6789 compliant tools to be fully insulated via injection moulding and compliant with IEC 60900 Category C and ASTM F1505.

Our wrenches range from 2 N·m to 100 N·m giving you a torque solution for every job.





## THE RIGHT WRENCH FOR THE JOB

All our wrenches are multifunctional and can be used in a wide variety of electrical environments.

Each however has its own strengths and specialities.



	01765	01745 01785	01711	01783	01786	01746 01747 01748
GENERAL APPLICATIONS		•				
BATTERY ADJUSTMENT & MAINTENANCE	•		•		•	•
AUTOMOTIVE	•		•			•
LINK BOXES			•			
HIGH TORQUE				•		
RESTRICTED ACCESS	•		•		•	•
FIXED TORQUE OUTPUT						•
LONG REACH (e.g. to the rear of battery cabinets)					•	

	CODE	DESCRIPTION	TORQUE OUTPUT
1/4" SQ. DRIVE	01765	Torque Wrench	2-12 N-m
	01785	Torque Wrench	12-60 N-m
3/8" SQUARE DRIVE	01711	Torque Wrench	5-25 N-m
	01746	Torque Wrench	8 N-m (Fixed Preset)
	01747	Torque Wrench	11 N-m (Fixed Preset)
	01748	Torque Wrench	12 N-m (Fixed Preset)
1/2" SQUARE DRIVE	01783	Torque Wrench	20-100 N-m
	01745	Torque Wrench	12-60 N-m
	04204	1/2" Whitworth Spanner Torque Wrench	21 N-m
	01786	13mm Offset Head	6-30 N-m

## ENHANCED FUNCTIONALITY

### ADAPTERS

Our insulated adapters allow safe square drive interchangeability with sockets and accessories.

- 04401 3/8" Drive Female to 1/2" Drive Male
- 04402 1/2" Drive Female to 3/8" Drive Male
- 04403 3/8" Drive Female to 1/4" Drive Male
- 04404 1/4" Drive Female to 3/8" Drive Male

### EXTENSION BARS

Safely gain greater reach with our insulated extension bars.



# TORQUE WRENCH KITS



CODE	DESCRIPTION
<b>04208</b>	<b>COOKE KIT 10 PIECE METRIC 3/8" DRIVE</b>
<b>01711</b>	Torque Wrench (5–25 N·m)
<b>01791</b>	5" / 125mm Extension
<b>01716</b>	8mm Socket
<b>01718</b>	10mm Socket
<b>01719</b>	12mm Socket
<b>01720</b>	13mm Socket
<b>01721</b>	14mm Socket
<b>01730</b>	17mm Socket
<b>01740</b>	19mm Socket
<b>01742</b>	22mm Socket

CODE	DESCRIPTION
<b>04205</b>	<b>MAINTENANCE KIT 13 PIECE METRIC 3/8" DRIVE</b>
<b>01711</b>	Torque Wrench (5–25 N·m)
<b>01780</b>	Reversible Ratchet
<b>01718</b>	10mm Socket
<b>01717</b>	11mm Socket
<b>01719</b>	12mm Socket
<b>01720</b>	13mm Socket
<b>01721</b>	14mm Socket
<b>01722</b>	15mm Socket
<b>01730</b>	16mm Socket
<b>01734</b>	17mm Socket
<b>01719</b>	18mm Socket
<b>01740</b>	19mm Socket
<b>01791</b>	5" / 125mm Extension

CODE	DESCRIPTION
<b>04210</b>	<b>HOCKLEY KIT 11 PIECE METRIC 3/8" DRIVE</b>
<b>01711</b>	Torque Wrench (5–25 N·m)
<b>01786</b>	13mm Offset Torque Wrench (6–30 N·m)
<b>01791</b>	5" / 125mm Extension
<b>01716</b>	8mm Socket
<b>01718</b>	10mm Socket
<b>01719</b>	12mm Socket
<b>01720</b>	13mm Socket
<b>01721</b>	14mm Socket
<b>01730</b>	17mm Socket
<b>01740</b>	19mm Socket
<b>01742</b>	22mm Socket

CODE	DESCRIPTION
<b>00013</b>	<b>DEEP SOCKET KIT 7 PIECE METRIC 1/2" DRIVE</b>
<b>01745</b>	Torque Wrench (12–60 N·m)
<b>01381</b>	13mm Offset Torque Wrench (6–30 N·m)
<b>01411</b>	13mm Deep Socket
<b>01421</b>	16mm Deep Socket
<b>01431</b>	18mm Deep Socket
<b>01491</b>	24mm Deep Socket
<b>01531</b>	28mm Deep Socket