



1/4" SQUARE DRIVE TORQUE WRENCH

Model No: CHT674 / PART NO: 1801674

Thank you for purchasing this CLARKE Torque Wrench.

This torque wrench is designed to tighten nuts with precision. It should NOT be used for UNDOING nuts as severe damage could occur. With correct use, this torque wrench is accurate to $\pm 4\%$. With careful use, the torque wrench will give years of reliable service. If however, you encounter problems, return the unit to your local CLARKE dealer.

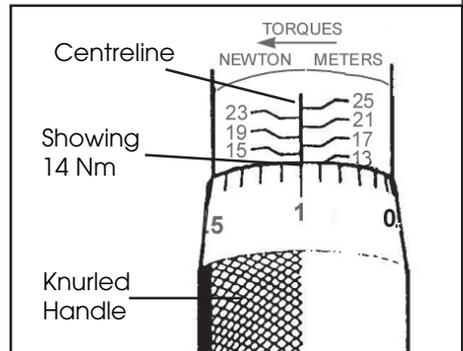
GUARANTEE

This product is guaranteed against faulty manufacture for 12 months from the purchase date. Keep your receipt as proof of purchase. This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for its intended purpose. Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission. This guarantee does not effect your statutory rights.

Note: DO NOT use knuckle or universal joints, as these could result in inaccurate torque settings.

TORQUE SETTING ADJUSTMENT

1. Loosen the lock nut on the bottom of the torque wrench by turning it anti-clockwise.
2. Set the required torque by turning the knurled handle.
 - Read the scale from the centreline adding on the number on the knurled handle.
3. Finally, tighten lock nut to secure the setting.
4. To loosely install or remove nuts without the torque facility, move the ratchet selection switch to the required side.



Note: The wrench cannot be used to tension left-handed threads.

TIGHTENING USING THE TORQUE WRENCH

1. Place the square drive on to the socket or extension bar, perpendicular to the nut/bolt to be tightened.
2. Gripping the knurled handle with one hand, whilst steadying the square drive end with the other, gently but firmly, pull the handle (i.e. in a clockwise direction) until a click is heard and a slight 'break' in the handle is felt. **DO NOT turn any further.**

IMPORTANT

- Do not jerk the torque wrench in any way to tighten a nut. Apply an even pressure throughout the operation.
- Release the wrench immediately the click is heard/felt.
- It should be noted that the 'click' from the mechanism becomes weaker with the lower torque settings.
- Do not turn handle below lowest torque setting.

MAINTENANCE

If the torque wrench has not been used for some time, operate it several times to allow the lubricant to re-coat the internal working parts.

- After use, return the adjustment to the lowest torque setting, i.e. it's resting position. This will remove all strain from the mechanism.
- Clean the wrench by wiping. Never immerse it in any type of cleaning fluid.
- The wrench has been calibrated at the factory order to ensure accurate readings and should not require any re-calibration. If inaccuracy is suspected, contact your local Clarke dealer.

CONVERSION TABLES

Foot Pounds (lb.ft)	Kilogram Metres kgm	Newton Metres Nm	Newton Metres Nm	Foot Pounds (lb.ft)	Kilogram Metres kgm	Kilogram Metres kgm	Newton Metres Nm	Pounds Feet (lb.ft)
---	---	----	5	3.69	0.51	0.5	4.90	3.61
5	0.69	6.78	10	7.38	1.02	1	9.81	7.23
10	1.38	13.56	20	14.75	2.04	2	19.61	14.47
15	2.07	20.34	30	22.13	3.06	3	29.42	21.70
20	2.76	27.12	40	29.50	4.08	4	39.23	28.93
25	3.46	33.90	50	36.88	5.10	5	49.04	36.17

CONVERSION FORMULAE

1 kg cm	=	13.887oz/in	1 Nm	=	141.61 oz/in
1 kg cm	=	0.8677 lb/in	1 Nm	=	8.8507 lb/ft
1 kgm	=	7.233 lb/ft	1 Nm	=	0.73756 lb/ft
1 kg cm	=	0.098 Nm	1 kgm	=	9.80665 Nm

SPECIFICATION

Operating Range	5-25 Nm
Accuracy	+/- 4%
Micrometer Increment	0.1 Nm
Drive Shank Size	1/4"
Surface Finish	Nickel/Chrome plated
Length	275 mm
Weight	0.6 kg

PARTS & SERVICE:0208 988 7400

E-mail: Parts@clarkeinternational.com or Service@clarkeinternational.com

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