

KINCROME

PROFESSIONAL QUALITY TOOLS

MICROMETER TORQUE WRENCH

DUAL
SCALE

PROTECTIVE
BLOW
MOULD
CASE

+/- 4%
ACCURACY

DUAL
SIGNAL
AUDIBLE CLICK
& 'FEEL'



MTW80F MTW150F MTW200I

ED2 AUGUST 2016

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SPECIFICATIONS

	MTW150F	MTW80F	MTW200I
Drive Size:	1/2" Square Drive	3/8" Square Drive	1/4" Square Drive
Torque Range:	10-150 Ft/Lb	5-80 Ft/Lb	17.7-212.4 In/Lb
	13.6-203.5 Nm	6.8 - 108.5 Nm	2-24 Nm
Accuracy:	+/- 4% of Setting	+/- 4% of Setting	+/- 4% of Setting
Tool Length:	460mm	375mm	275mm
Weight:	1.8kg	0.97kg	0.26kg

GENERAL SAFETY WARNINGS

Please study these instructions carefully before attempting to operate this wrench. Never apply more torque than the maximum scale reading.

This torque wrench is designed for manual tightening of thread fasteners only. **DO NOT USE IT AS A NUT-BREAKER OR FOR ANY OTHER PURPOSE.**

Over torqued or defective fasteners and sockets may suddenly break. **TO PREVENT INJURY, KEEP PROPER FOOTING AND BALANCE AT ALL TIMES. DO NOT USE THE WRENCH IN PLACES FROM WHICH YOU MAY FALL OR SLIP, OR AROUND ROTATING MACHINERY.**

This torque wrench will not prevent you from applying more torque than set - this is not a torque limiting tool. Learn how different amounts of torque 'feel' so you will reduce the possibility of damage and/or injury due to accidental overtightening.

APPLY FORCE TO THE GRIP ONLY. DO NOT USE AS 'CHEATER BARS'.

(A piece of pipe placed over the hand grip).

There are no User serviceable spare parts available, a qualified Service Agent and should be engaged to calibrate this tool to ensure accuracy.

All torque wrenches should be calibrated at least once a year or every 1,000 cycles, whichever comes first.

This torque wrench operates in a clockwise direction only, do not use to unfasten. Lifetime Warranty does not cover calibration.

HOW TO USE YOUR TORQUE WRENCH



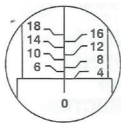
WARNING!

DO NOT pull after the head has clicked. Use special care at low torque settings.
Your Torque Wrench is a precision instrument and should be treated as such.
Always store your Torque Wrench in the protective blow mould case.
Do not attempt to turn the grip when it is locked.
Do not turn grip more than one turn below the lowest scale or one turn past the highest reading.
Always return your wrench to zero after use.

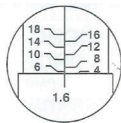
NOTE: Torque settings can only be reached in a clockwise direction.

Balance the wrench in your hand and unlock the unlocking knob anti-clockwise.
Set the torque amount by turning the knurled handle. See examples below.

Examples of Torque Settings: Newton Scale (Nm)

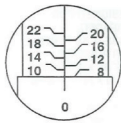


4 Nm

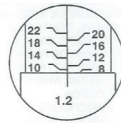


5.6 Nm

(0.1 ON FINE SCALE)
0.1 Nm

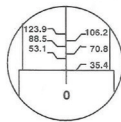


8 Nm

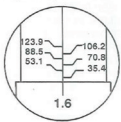


9.2 Nm

Examples of Torque Settings: Inch Pound (In/Lb)



35.4 IN/LB



49.56 IN/LB

(0.1 ON FINE SCALE)
0.885 IN/LB

Example:

To set 30 Ft/Lb, turn to 0 on the fine scale on the handle and reaches 30 Ft/Lb on the base scale.
To set 36/Ft/Lb, turn handle til the fine scale on the handle reaches 6.

Lock the handle by turning the lock knob clockwise

Install the proper socket to the nut or bolt, switch the ratchet head lever to the right or tightening direction, then pull handle until you feel and/or hear the wrench click.

Setting of the Nm scale is done in the same way as above, by necessity, the scale is not calibrated in even numbers, so the setting will be more approximate. Alternatively, use the conversion scale overleaf.

CONVERSION TABLE

Ft/Lb	Nm	Kgm	Ft/Lb	Nm	Kgm
20	27.12	2.76	155	210.18	21.42
25	33.90	3.46	160	216.96	22.11
30	40.68	4.15	165	223.74	22.80
35	47.46	4.84	170	230.52	23.49
40	54.24	5.53	175	237.70	24.19
45	61.02	6.22	180	244.08	24.88
55	74.58	7.60	185	250.86	25.57
60	81.36	8.29	190	257.64	26.26
65	88.14	8.98	195	264.42	26.95
70	94.92	9.67	200	271.20	27.64
75	101.70	10.37	205	277.98	28.33
80	108.48	11.06	210	284.76	29.02
85	115.26	11.75	215	291.54	29.71
90	112.04	12.44	220	298.32	30.40
95	128.82	13.13	225	305.10	31.09
100	135.60	13.82	230	311.88	31.78
105	142.38	14.51	235	318.66	32.47
110	149.16	15.20	240	325.44	33.16
115	155.94	15.89	245	332.22	33.85
120	162.72	16.58	250	339.00	34.54
125	169.50	17.28	260	352.56	35.88
130	176.28	17.97	270	366.12	37.26
135	183.06	18.66	280	379.68	38.64
140	189.84	19.35	290	393.24	40.02
145	196.62	20.04	300	406.80	41.40
150	203.40	20.73			

CARE AND MAINTENANCE

It is normal for torque wrenches to go out of calibration with time and regular use. Whatever type of torque wrench you are using, regular calibration will ensure that your tools remain as accurate and effective as possible.

Putting in place a regular schedule for verifying and calibrating your torque wrench will mean less room for error. Kinchrome Tools and Equipment recommend you have your torque wrench calibrated by a NATA™ approved calibration facility, every 12 months or 1,000 cycles.

If your Kinchrome Torque Wrench is dropped, knocked, even in the protective blow mould case, or any part replaced, the wrench must be immediately re-calibrated prior to next use.

Your new Kinchrome Torque Wrench is calibrated at the factory in Taiwan, prior to shipping and a certificate of that calibration is supplied for your individually serialised torque wrench. It is the sole responsibility of the owner/user of this tool to ensure the calibration is correct as the Torque Wrench may have gone out of calibration

during transit to retailers.

For peace of mind, you should get your torque wrench checked prior to first use.

Please note, the Kinchrome Limited lifetime warranty does not cover the cost of calibration, or the removable square drive of the wrench.

WARRANTY

Warranty given by Kinchrome Tools & Equipment Pty Ltd of 3 Lakeview Drive, Caribbean Park, Scoresby, Victoria, Australia [Tel +61 3 9730 7100] If this product has materials or workmanship defects (other than defects caused by abnormal or non warranted use) you can, at your cost, send the product to place of purchase, an authorised Kinchrome service agent or one of Kinchromes addresses for repair or replacement. Your rights under this warranty are in addition to any other rights you have under the Australian, United Kingdom & Ireland Consumer Law or other applicable laws. Our goods come with guarantees that cannot be excluded under the Australian, United Kingdom & Ireland Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. For further details please visit www.kinchrome.com.au or call us. Due to minor changes in design or manufacture, the product you purchase may sometimes differ from the one shown on the packaging.