



Torque Range	Square Drive	Fine Scale	Length(mm)	Width(mm)	Lf(mm)
40~200Nm	1/2"	0.5Nm	517	42	442

Certificate of Calibration

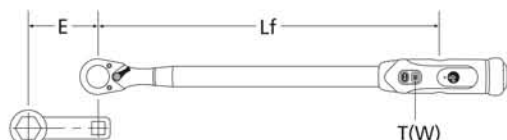
SERIAL No. & CERTIFICATE No.

	TEST LOAD	TOLERANCE +/- 4% SET LOAD		ACTUAL READING Nm
		MINIMUM Nm	MAXIMUM Nm	
K8182	40	38.4	41.6	
	120	115.2	124.8	
	200	192	208	

THIS TORQUE WRENCH IS ACCURATE TO +/- 4% OF THE SET LOAD
AND HAS BEEN MANUFACTURED AND TESTED IN ACCORDANCE
WITH DIN 3120:1993 & ISO 6789:1993

FORMULA FOR CALCULATING THE EFFECT OF TORQUE WRENCH EXTENSIONS

At times, it is impossible or impractical to use regular sockets, (a good example being the tightening of threaded connectors), and a special attachment must be utilized. Such attachments change the calibration of the torque wrench, and it is necessary to calculate the correct settings using the following formulas.



E — Effective length of extension--

Lf — Lever length of the wrench --center of handle to center of drive

T(W) — Torque set on the wrench

T(A) — Torque applied by the extension to the fastener

$$T(A) = T(W) \times \frac{L_f + E}{L_f}$$

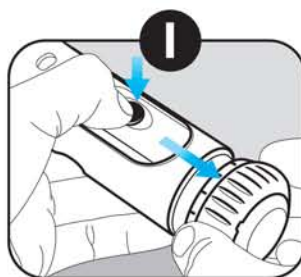
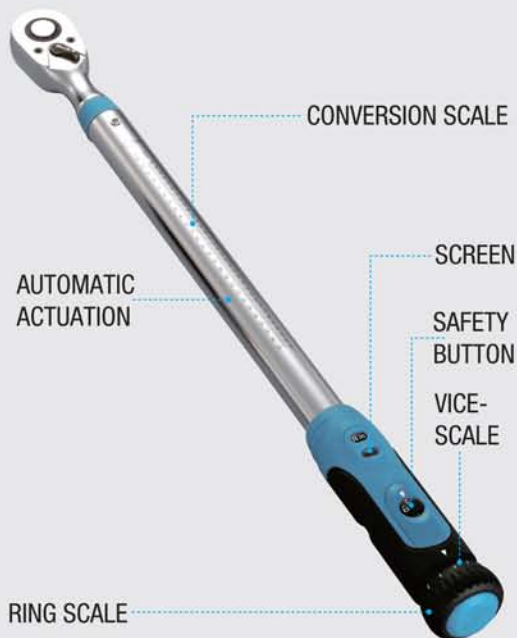
KINCROME
PROFESSIONAL QUALITY TOOLS

SCREEN

MICROMETER TORQUE WRENCH

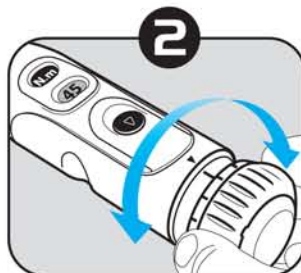
40 - 200Nm

Part No K8182



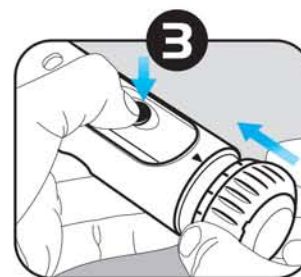
PRESS THE SAFETY BUTTON
AND PULL OUT RING SCALE
AT THE SAME TIME

NOTE:
INCORRECT OPERATION
CAN CAUSE DAMAGE
TO LOCK FUNCTION



ROTATE THE RING SCALE
TO ADJUST THE DIGIT
ON THE SCREEN

NOTE:
DO NOT TURN THE
ADJUSTING KNOB
EITHER BELOW THE
LOWEST SCALE
READING OR ABOVE
THE HIGHEST SCALE
READING



PRESS THE SAFETY BUTTON
AND PUSH IN RING SCALE
AT THE SAME TIME TO LOCK
IN THE MEASUREMENT

NOTE:
CONVERSION SCALE
IS ON THE TUBE -
SHAFT OF WRENCH
(Nm & LB.FT)



HOLD ON THE CENTRE OF
HANDLE TO OPERATE THE
TORQUE WRENCH. STOP
WHEN YOU HEAR A 'CLICK'.
THIS MEANS YOUR
TORQUE MEASUREMENT
HAS BEEN REACHED