

# TORQUE WRENCH

## Window Display

**SONIC**  
equipment

These torque wrenches have easy readable scale with Sonic Push Lock System.

The mechanism in the 732 series have a complete new design.

The required torque value is set quickly and accurately using the turnable handle.

To set the required value, simply pull out the knob and turn the handle to the correct setting.

During this action the clear scale with Nm and ft.lb indications remain clearly visible at all times.

Once the required value has been set, the knob is simply pressed back in, to lock the handle, which prevents the setting being inadvertently changed.



## HOW TO USE SONIC TORQUE WRENCH

1. UNLOCK ADJUSTABLE HANDLE.



2. SET THE REQUIRED TORQUE BY TURNING ADJUSTABLE HANDLE.



3. WHEN TORQUE VALUE IS SELECTED AND SET.  
LOCK ADJUSTABLE HANDLE.  
(TO LOCK THE HANDLE, THE ARROW MUST BE PRECISELY POINTED AT THE DIGIT/NUMBER)



4. AFTER INSTALLING SOCKET TO NUT OR BOLT,  
APPLY FORCE ON HANDLE AND THEN STOP APPLYING FORCE UNTIL HEARING "CLICK".  
THE TORQUE WRENCH WILL RETURN TO ZERO RESET AUTOMATICALLY.



5. WHEN NOT IN USE, RESET TO ZERO, SO THAT THE INTERNAL SPRING DOES NOT FADE DUE TO CONTINUOUS COMPRESSION.

### Conversion Tables

lbf-ft(ft-lb)	Nm	Kg-m	lbf-ft(ft-lb)	Nm	Kg-m
1.5	2.03	0.21	140	189.84	19.35
5	6.78	0.69	145	196.62	20.04
10	13.56	1.38	150	203.40	20.73
15	20.34	2.07	155	210.18	21.42
20	27.12	2.76	160	216.96	22.11
25	33.90	3.46	165	223.74	22.80
30	40.68	4.15	170	230.52	23.49
35	47.46	4.84	175	237.70	24.19
40	54.24	5.53	180	244.08	24.88
45	61.02	6.22	185	250.86	25.57
50	67.80	6.91	190	257.64	26.26
55	74.58	7.60	195	264.42	26.95
60	81.36	8.29	200	271.20	27.64
65	88.14	8.98	205	277.98	28.33
70	94.92	9.67	210	284.76	29.02
75	101.70	10.37	215	291.54	29.71
80	108.48	11.06	220	298.32	30.40
85	115.26	11.75	225	305.10	31.09
90	112.04	12.44	230	311.88	31.78
95	128.82	13.13	235	318.66	32.47
100	135.60	13.82	240	325.44	33.16
105	142.38	14.51	245	332.22	33.85
110	149.16	15.20	250	339.00	34.54
115	155.94	15.89	260	352.56	35.88
120	162.72	16.58	270	366.12	37.22
125	169.50	17.28	280	379.68	38.64
130	176.28	17.97	290	393.24	40.02
135	183.06	18.66	300	406.80	41.40

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### **WARNING**

1. Do not pull the handle after hear torque wrench "Click", Continuously applying force may damage bolt or nut especially at low torque setting.  
Hear lower "CLICK" means low torque.
2. Do not turn the handle when it is locked.
3. Do not apply more than one turn below the lowest-minimum scale or highest-maximum scale.
4. Do not disassemble and adjust the calibrator without special equipment.  
It will result in the loss of accuracy and void the warranty.
5. Do not soak in any liquid to avoid affecting the normal lubrication inside.
6. To extend the life of torque wrench, be sure to set the torque at lowest value after using.
7. Torque wrenches are precision tools and are not designed for use in loosening bolts and nuts.

### **MAINTENANCE**

**After the first using or being unused for long period, use higher torque to operate for 5 to 10 times so that the internal lubricant can recoat on the components inside.**

1. This torque wrench is a precision measuring instrument.  
Please use it carefully as to study & follow the instructions when operate the torque wrench.
2. The accuracy of the torque wrench should be regularly inspected and checked at least once a year or per 5,000 times used.



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*This torque wrench is accurated to  $\pm 3\%$  of the set load and has been manufactured and tested in accordance with DIN 3122 & ISO 6789. Each torque wrench has an individual product serial number.*