

QLK

ADJUSTABLE, RATCHET TORQUE WRENCHES

Freely set torque values within the capacity range. Replaceable socket, ratchet wrenches.

FEATURES

- The ratchet improves efficiency. These wrenches are well suited for repetitive work.
- By replacing the sockets, various sizes of fasteners can be tightened within the tool's capacity range.
- By reversing the ratchet, the wrench can be used to loosen fasteners counter-clockwise.
- Tightening to a torque setting can only be done clockwise.
- Accuracy : $\pm 3\%$ of indicated value over the full range.

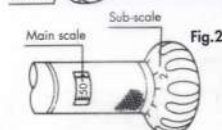
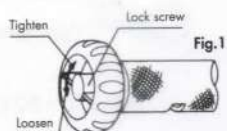


30~4200QLK

ADJUSTING THE TORQUE SETTING

◆ 30QLK~5600QLK

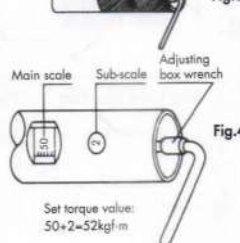
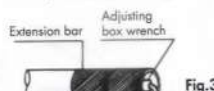
- (1) Loosen the lock screw. (See Fig.1)
- (2) Turn the sub-scale and adjust to a torque value (the main scale plus the sub-scale) (See Fig.2)
- (3) Tighten the lock screw. (If the lock screw hits the pin before completely tightening, then change the position of the pin)



Set torque value: $50 \pm 2 \sim 52 \text{ kgf}\cdot\text{m}$

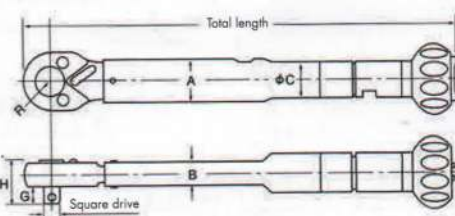
◆ 7000QLK~14000QLK

- (1) When applicable, mount the extension bar snugly all the way onto the body of the wrench.
- (2) With the extension bar mounted (See Fig.3), insert the hexagonal side of the adjusting box wrench.
- Without the extension bar (See Fig.4), insert the hexagonal side of the adjusting box wrench into the body.
- (3) Turn the adjusting box wrench to set the torque value. (the main scale plus the sub-scale)

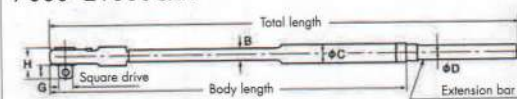


Set torque value: $50 \pm 2 \sim 52 \text{ kgf}\cdot\text{m}$

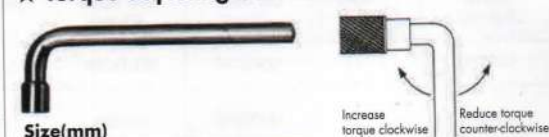
30~5600QLK



7000~21000QLK



★ Torque adjusting box wrench



Size(mm)

(N)7000QLK~10000QLK	8
(N)14000QLK~21000QLK	10

Model (kgf·cm/kgf·m)	Range	Increment	Old Model (cN·m/N·m)	New Model (cN·m/N·m)	Range	Increment	Model (lbf·in)	Range	Increment	Square drive	Total length	Dimensions (mm)								Weight kg	Standard Accessory		
												Head				Body						Body length	
												H	G	R	A	B	C	D					
30QLK	10~30kgf·cm	0.5 kgf·cm	N30QLK	CN300QLK	100~300 cN·m	5 cN·m					6.35 (1/4")	186	18.8	7.5	12							0.18	
60QLK	20~60 #	1 #	N60QLK	N6QLK	2~6 N·m	0.1 N·m																0.27	
120QLK	40~120 #	2 #	N120QLK	N12QLK	4~12 #	0.2 #	PI 120QLK	40~120	2						15.5							0.29	
230QLK	70~230 #	2 #	N230QLK		7~23 #	0.2 #	PI 230QLK	70~230	2														
250QLK	50~250 #	2 #	N250QLK	N25QLK	5~25 #	0.2 #				9.53 (3/8")	232	25	11									0.45	
450QLK	100~450 #	5 #	N450QLK		10~45 #	0.5 #	PI 450QLK	100~450	5		253.5			16	25	11.4	20						
500QLK	100~500 #	5 #	N500QLK	N50QLK	10~50 #	0.5 #																0.79	
900QLK	200~900 #	10 #	N900QLK	N90QLK	20~90 #	1 #																	
1000QLK	200~1000 #	10 #	N1000QLK	N100QLK	20~100 #	1 #	PI 1000QLK	200~1000	10		352	31		19.7	27.5	12.4	21.7					0.85	
1400QLK	400~1400 #	10 #	N1400QLK	N140QLK	40~140 #	1 #					392												
1800QLK	400~1800 #	20 #	N1800QLK	N180QLK	40~180 #	2 #								23	34							1.45	
2000QLK	400~2000 #	20 #	N2000QLK	N200QLK	40~200 #	2 #	PI 2000QLK	400~2000	20		478	33				15.4	27.2					1.9	
2800QLK	4~28kgf·m	0.2 kgf·m	N2800QLK	N280QLK	40~280 #	2 #																1.9	
3600QLK	8~36 #	0.2 #	N3600QLK	N360QLK	80~360 #	2 #				19.05 (3/4")	678	42										3.3	
4200QLK	6~42 #	0.2 #	N4200QLK	N420QLK	80~420 #	2 #					950	42.7	20	27	38	16	30					5	
5600QLK	8~56 #	0.3 #	N5600QLK	N560QLK	80~560 #	3 #					1,195	49.5		34	43.5	18	34					6.2	
7000QLK	10~70 #	0.5 #	N7000QLK	N700QLK	100~700 #	5 #					1,314				46	19.2	35.4	27.2	990			8.5	
8500QLK	10~85 #	0.5 #	N8500QLK	N850QLK	100~850 #	5 #					1,388			38	54	23	42.7	31.8	1,105			9.8	
10000QLK	10~100 #*	0.5 #	N10000QLK	N1000QLK-8	100~1000 #	5 #				25.4 (1")	1,538	58	27										
14000QLK	20~140 #	1 #	N14000QLK		200~1400 #	10 #					1,844	61		44	66	26	51	40	1,144			14	Torque adjusting box wrench
15000QLK	20~150 #	1 #	N15000QLK	N1500QLK	200~1500 #	10 #					2,064							34	1,704			19.5	
21000QLK	70~210 #	1 #	N21000QLK	N2100QLK	700~2100 #	10 #																	

* is the new model that is applied from 1st January, 2016.