

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.

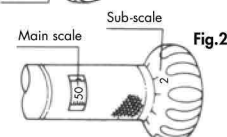
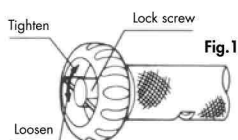


30~4200QLK

ADJUSTING THE TORQUE SETTING

◆ 30QLK~5600QLK

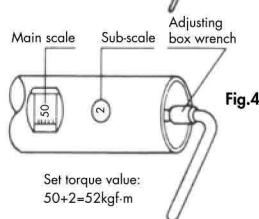
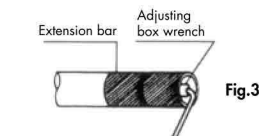
- (1) Loosen the lock screw. (See Fig.1)
- (2) Turn the sub-scale and adjust to a torque value (the main scale plus the sub-scale) (See Fig.2)
- (3) Tighten the lock screw. (If the lock screw hits the pin before completely tightening, then change the position of the pin)



Set torque value: $50+2=52\text{kgf}\cdot\text{m}$

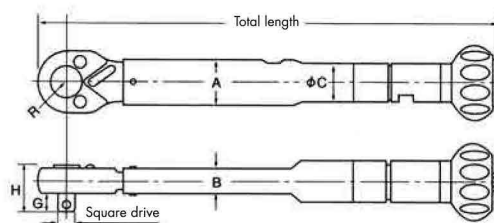
◆ 7000QLK~14000QLK

- (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)

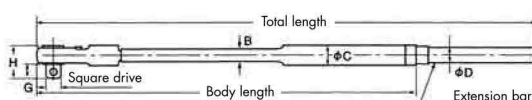


Set torque value: $50+2=52\text{kgf}\cdot\text{m}$

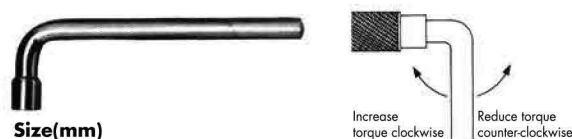
30~5600QLK



7000~21000QLK



★ Torque adjusting box wrench



Size(mm)

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

Model (kgfcm/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		
	kgf·cm/kgf·m	kgf·cm/kgf·m			cN·m/N·m	cN·m/N·m		lbf·in	lbf·in	mm	mm	H	G	R	A	B	C	D			
30QLK	10~30	0.5	N30QLK	CN300QLK	100~300	5				6.35 (1/4")	186	18.8	7.5	12						0.18	
60QLK	20~60	1	N60QLK	N6QLK	2~6	0.1									18.2	9.6	15		0.27		
120QLK	40~120	2	N120QLK	N12QLK	4~12	0.2	PI 120QLK	40~120	2										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	15.5							
450QLK	100~450	5	N450QLK		10~45	0.5	PI 450QLK	100~450	5						16	25	11.4	20		0.45	
500QLK	100~500	5	N500QLK	N50QLK	10~50	0.5															
900QLK	200~900	10	N900QLK	N90QLK	20~90	1														0.79	
1000QLK	200~1000	10	N1000QLK	N100QLK	20~100	1	PI 1000QLK	200~1000	10						19.7	27.5	12.4	21.7		0.85	
1400QLK	400~1400	10	N1400QLK	N140QLK	40~140	1				12.7 (1/2")	392	31	14								
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							15.4	27.2			1.9	
2800QLK	4~28	0.2	N2800QLK	N280QLK	40~280	2														1.9	
3600QLK	8~36	0.2	N3600QLK	N360QLK	80~360	2				19.05 (3/4")	678	42		23.5	35					3.3	
4200QLK	6~42	0.2	N4200QLK	N420QLK	60~420	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				
7000QLK	10~70	0.5	N7000QLK	N700QLK	100~700	5					1,314				46	19.2	35.4	27.2	990	6.2	
8500QLK	10~85	0.5	N8500QLK	N850QLK	100~850	5					1,388									8.5	
10000QLK	10~100	0.5	N10000QLK	N1000QLK-8	100~1000	5					1,538	58		38	54	23	42.7	31.8	1,105	9.8	
14000QLK	20~140	1	N14000QLK		200~1400	10				25.4 (1")	1,844	61	27	44	66	26	51	40	1,144	14	
15000QLK	20~150	1	N15000QLK	N1500QLK	200~1500	10															
21000QLK	70~210	1	N21000QLK	N2100QLK	700~2100	10					2,064							34	1,704	19.5	

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