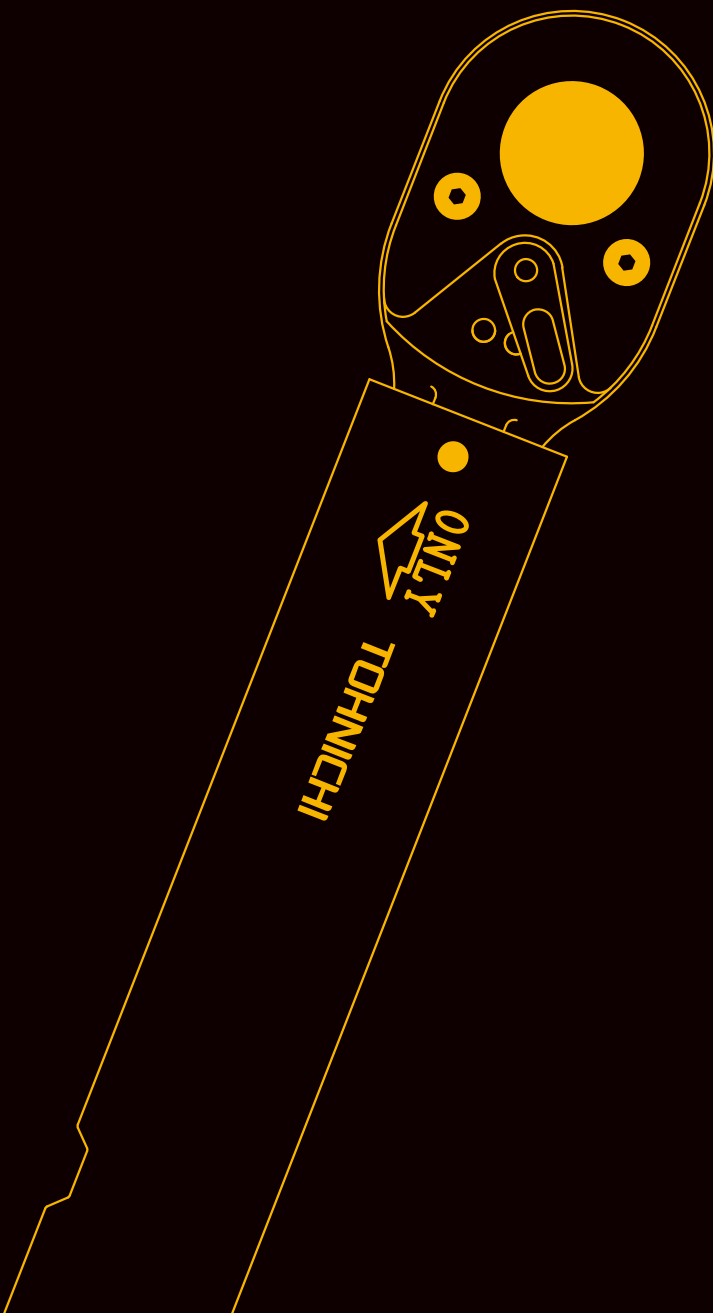
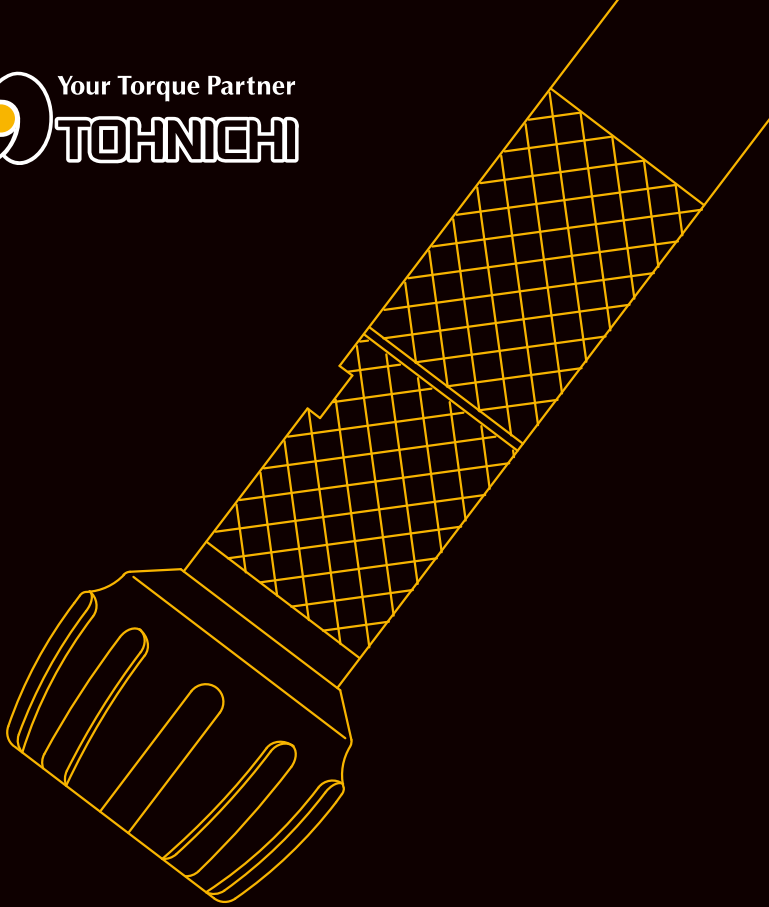


# 2023

## Reference Guide



## ***New Products***

***CSP6D Interchangeable Preset Torque Wrench***

*Compact design with high precision for limited access*

***QH6D and SH6D Interchangeable Head***

*Designed for CSP6D with compact slimline dimensions*

***DOTE10N4-G: Digital Torque Wrench Tester***

*New loading mechanism for highly accurate measurements*

Scan QR Code for latest online information  
<http://www.global-tohnichi.com>



# QL/QLE2

Ratchet Head Type Adjustable Torque Wrench

Assembly Adjustable Ratchet Head Graduation ISO6789:2003/2017

- Basic adjustable click style with resin grip
- Torque value easily set with external scale and knob

Direction



QL5N



QLE750N2



QL100N4

## QL/QL-MH Optional Accessories



842



846

### Carrying Case (P.49)

Part #	Applicable Model Dimension [mm]
842	QL50N, QL50N-MH, QL100N4-MH H60 × W400 × D70
843	QL140N, QL140N-MH, QL200N4, QL200N4-MH H60 × W520 × D80
846	QL140N, QL140N-MH and below H170 × W500 × D100
847	QL280N, QL280N-MH and below H170 × W740 × D100



879

880

881

Part #	Color	Applicable Model
879	Red	QL2N, QL5N
880	Blue	QL10N, QL15N, QL25N5-1/4, QL25N5
881	Green	
882	Black	



873

### QL Protective Head Cover (P.49)

Part #	Applicable model
870	QL2N(-MH) - 15N(-MH)
871	QL25N5, QL25N-MH
872	QL50N(-MH)
873	QL100N4(-MH)
874	QL140N(-MH)
875	QL200N4(-MH)
877	QL280N(-MH)
878	QSP420N

S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm/kgf·m]		American Model	Torque Range [lbf·in/lbf·ft]		Overall Length [mm]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.			
QL	N·m	N·m		kgf·cm	kgf·cm		lbf·in	lbf·in			
QL2N	0.4-2	0.02	20QL	4-20	0.2	QL15I-2A	3-15	0.1	194		0.27
QL5N	1-5	0.05	50QL	10-50	0.5	QL30I-2A	6-30	0.2			
QL10N	2-10	0.1	100QL	20-100	1	QL50I-2A	10-50	0.5	219	6.35	0.29
QL15N	3-15		150QL	30-150		QL100I-2A	20-100	1			
QL25N5-1/4	5-25	0.2	225QL5-1/4	50-250	2.5	QL200I-2A	40-200	2.5	237		0.33
QL25N5			225QL5								
QL50N	10-50	0.5	450QL3	100-500	5	QL400I-3A	100-400	5	260		0.45
-	-	-	-	-	-	QL750I-3A	150-750	10		9.53	
QL100N4-3/8	20-100	1	900QL4-3/8	200-1000	10	QL75F-3A	15-75	1	335		0.69
QL100N4	20-100		900QL4	200-1000							
QL140N	30-140		1400QL3	300-1400		QL100F-4A	30-100	1	400		0.88
QL200N4	40-200		1800QL4	400-2000	20	QL150F-4A	30-150		490	12.7	1.4
				kgf·m	kgf·m						
QL280N-1/2	40-280	2	2800QL3-1/2	4-28	0.2	QL200F-4A	30-210	2	695		2.0
QL280N			2800QL3								
QL420N	60-420		4200QL2	6-42		QL300F-6A	60-300		995		3.4
QLE2	N·m	N·m		kgf·m	kgf·m		lbf·ft	lbf·ft		19.05	
QLE550N2	100-550	5	5500QLE2	10-55	0.5	QLE400F-6A	100-400		1189		4.3
QLE750N2	150-750		7500QLE2	15-75		QLE600F-6A	150-600	5	1342		5.6
QLE1000N2	200-1000	10	10000QLE2	20-100	1	QLE700F-8A	200-700		1515		7.7
QLE1400N2	300-1400		14000QLE2	30-140		QLE1000F-8A	300-1000	10	1787	25.4	11.1
QLE2100N2	500-2100	20	21000QLE2	50-210	2	QLE1500F-8A	500-1500		1895		14.6
QLE2800N2	800-2800		28000QLE2	80-280		QLE2000F-12A	600-2000	20	2405	38.1	23.7

- Note
1. QL2N-QL25N5 are yellow/black resin grips. QL50N-QL280N are black resin grips.
  2. QL420N and QLE550N2-QLE2800N2 are knurled handles.
  3. Use a through-hole socket for square drive over 25.4mm.
  4. QL2N, QL5N and the equivalent metric models, American models comes with ISO:6789-2003 cert.

# QLLS RoHS

- QL style with Limit Switch output
- Wired Error-Proofing, Pokayoke, system for assembly processes



QLLS100N4

S.I. Model	Metric Model
QLMS2N-MH	20QLMS-MH
QLMS5N-MH	50QLMS-MH
QLMS10N-MH	100QLMS-MH
QLMS10N	100QLMS
QLMS15N	150QLMS
QLMS15N-MH	150QLMS-MH
QLLS25N5	225QL5LS
QLLS50N	450QL3LS
QLLS100N4	900QL4LS
QLLS140N	1400QL3LS
QLLS200N4	1800QL4LS
QLLS280N	2800QL3LS
QLLS420N	4200QL2LS

## POKA Patrol, Count Checker CNA-4mk3

Refer to page 27.



\* Sold separately

# QL-MH

Ratchet Head Type Adjustable Torque Wrench with Metal Handle

Assembly Adjustable Ratchet Head Graduation ISO6789:2003/2017

- Knurled metal handle version of QL
- Ideal for oily working conditions

Direction



QL100N4-MH



QL5N-MH

S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm/kgf·m]		American Model	Torque Range [lbf·in/lbf·ft]		Overall Length [mm]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.			
QL2N-MH	0.4-2.0	0.02	20QL-MH	4-20	0.2	QL15I-2A-MH	3-15	0.1	160		0.16
QL5N-MH	1-5	0.05	50QL-MH	10-50	0.5	QL30I-2A-MH	6-30	0.2			
QL10N-MH	2-10	0.1	100QL-MH	20-100	1	QL50I-2A-MH	10-50	0.5	195	6.35	0.19
QL15N-MH	3-15		150QL-MH	30-150		QL100I-2A-MH	20-100	1			
QL25N-MH	5-25	0.25	225QL-MH	50-250	2.5	-	-	-	230		0.25
QL50N-MH	10-50	0.5	450QL-MH	100-500	5	-	-	-	260		0.45
QL100N4-MH	20-100	1	900QL4-MH	200-1000	10	-	-	-	335		0.69
QL140N-MH	30-140		1400QL-MH	300-1400		-	-	-	400	12.7	0.88
QL200N4-MH	40-200		1800QL4-MH	400-2000	20	-	-	-	490		1.4
				kgf·m	kgf·m						
QL280N-MH	40-280	2	2800QL-MH	4-28	0.2	-	-	-	695	19.05	1.9

- Note
1. QL2N-MH, QL5N-MH and the equivalent metric models, American models comes with ISO:6789-2003 cert.