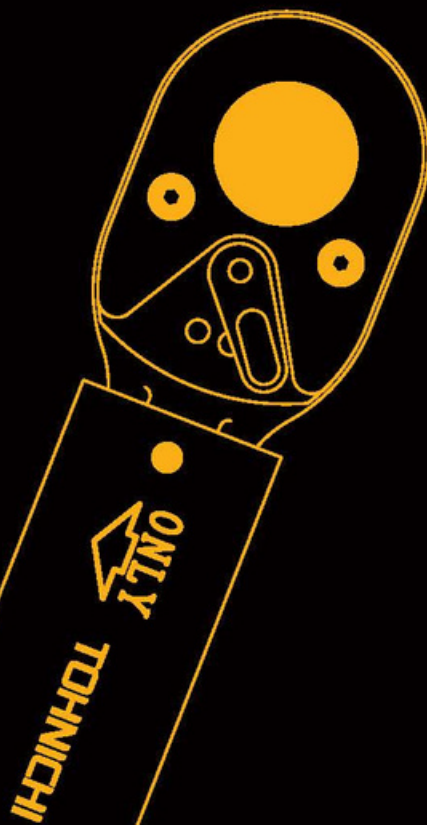
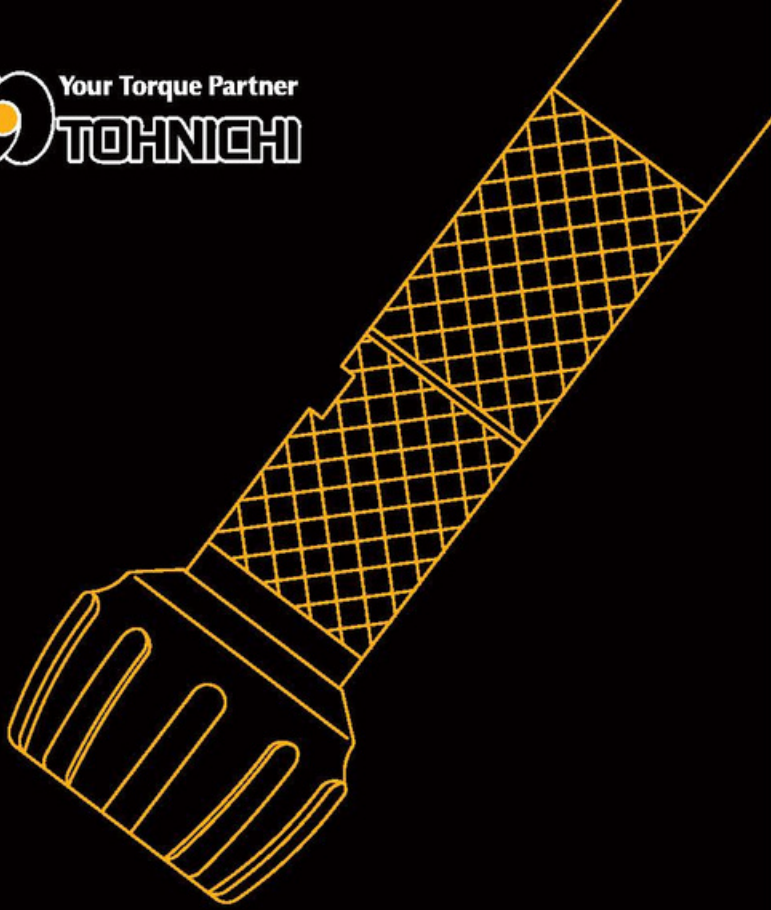


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Reference Guide



FOR MORE INFORMATION PLEASE CONTACT:



BHAGWATI
Hardware & Mill Store Since 1976

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Mobile: 9212012856, 9350076343

Website: www.bhagwathardware.com
www.bhagwathardwaredelhi.in

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AN ISO 9001 : 2015 CERTIFIED COMPANY

QL/QL-E2

Ratchet Head
Type Adjustable
Torque Wrench

Direction



Assembly Adjustable Ratchet Head Graduation ISO6789:2003
2017

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



QL100N4



QL5N



QL750N2

Accuracy ±3%

■ QL/QL-MH Optional Accessories



842



846

Carrying Case (P.49)



873

QL Protective Head Cover (P.49)



879

881

880

Part #	Color	Applicable Model
879	Red	QL2N, QL5N, QL10N, QL15N
880	Blue	QL25N5-1/4, QL25N5
881	Green	CL2N×8D, CL5N×8D
882	Black	CL10N×8D, CL15N×8D
		CL25N5×10D

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·m		lbf·in	lbf·ft			
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			QL200I-3A					
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		900QL4-3/8	200-1000		QL75F-3A	15-75	1	335		0.69
QL100N4	20-100	1	900QL4	200-1000	10	-	-	-			
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		QL200F-4A	30-210	2	695		2.0
QL280N			2800QL3			-	-	-			
QL420N	60-420		4200QL2	6-42	0.2	QL300F-6A	60-300		995		3.4
QLE2	N·m	N·m		kgf·m	kgf·m						
QLE550N2	100-550		5500QLE2	10-55		QLE400F-6A	100-400		1189		4.3
QLE750N2	150-750	5	7500QLE2	15-75	0.5	QLE600F-6A	150-600	5	1342		5.6
QLE1000N2	200-1000		10000QLE2	20-100		QLE700F-8A	200-700		1515		7.7
QLE1400N2	300-1400		14000QLE2	30-140	1	QLE1000F-8A	300-1000		1787	25.4	11.1
QLE2100N2	500-2100	10	21000QLE2	50-210		QLE1500F-8A	500-1500	10	1895		14.6
QLE2800N2	800-2800	20	28000QLE2	80-280	2	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

QL+

Ratchet Head Type
Adjustable Torque
Wrench

Direction



QL5N+

+ Design
+ Quality

Assembly Adjustable Ratchet Head Graduation ISO6789:2003

- Achieves comfortable operation with enhanced visibility and intuitive handling through a newly designed scale.

Accuracy ±3%

S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm/kgf·m]		American Model	Torque Range [lbf·in]		Overall Length [mm]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.			
QL2N+	0.4-2	0.01	QL20M+	4-20	0.1	QL15I-2A+	3-15	0.05	163	6.35	0.13
QL5N+	1-5	0.025	QL50M+	10-50	0.25	QL30I-2A+	6-30	0.1			

QL-MH

Ratchet Head Type
Adjustable Torque
Wrench with Metal
Handle

Direction



QL100N4-MH



QL5N-MH

Assembly Adjustable Ratchet Head Graduation ISO6789:2003
2017

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

Accuracy ±3%

S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm/kgf·m]		American Model	Torque Range [lbf·in]		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	9.53	0.45
QL100N4-MH	20-100		900QL4-MH	200-1000		-	-	-	335		0.69
QL140N-MH	30-140	1	1400QL-MH	300-1400	10	-	-	-	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.

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