

QL/QLE

Ratchet Head
Type Adjustable
Torque Wrench

Assembly

Adjustable

Ratchet Head

Graduation

RoHS

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

Direction



QL100N4



QL5N-MH

Refer to QL-MH section.



QLE750N

NEW

QL/QL-MH Optional Accessories



842



846

Carrying Case (P.46)

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

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.			
Small types of QL torque wrench are moved to QL-MH section. (T-max 15N-m/150kgf-cm/100lbf-in or less)											
QL25N-1/4	5-25	0.25	225QL3-1/4	kgf-cm	kgf-cm	QL2001-2A	lbf-in	lbf-in	230	6.35	0.25
QL25N			225QL3	50-250	2.5	QL2001-3A	50-200	2.5			
QL50N	10-50	0.5	450QL3	100-500	5	QL4001-3A	100-400	5	260	9.53	0.45
-	-	-	-	-	-	QL7501-3A	150-750	10			
QL100N4-3/8	20-100	1	900QL4-3/8	200-1000	10	QL75F-3A	15-75	1	335	19.05	0.69
QL100N4	20-100		900QL4	200-1000		-	-	-			
QL140N	30-140	2	1400QL3	300-1400	20	QL100F-4A	30-100	1	400	12.7	0.88
QL200N4	40-200		1800QL4	400-2000		QL150F-4A	30-150	-	490		
QL280N-1/2	40-280	2	2800QL3-1/2	kgf-m	kgf-m	QL200F-4A	30-200	2	695	19.05	3.4
QL280N			2800QL3	4-28	0.2	-	-	-			
QL420N	60-420	5	4200QL2	6-42	0.5	QL300F-6A	60-300	5	995	25.4	13.1
QLE550N	100-550		5500QLE	10-55		QL400F-6A	100-400				
QLE750N	100-750	7500QLE	10-75	QL600F-6A	100-600	1370	7.1				
QLE1000N	100-1000	10000QLE	10-100	QL700F-8A	100-700	1540	9.5				
QLE1400N	200-1400	14000QLE	20-140	QL1000F-8A	150-1000	1795	13.1				
QLE2100N	500-2100	21000QLE	50-210	QL1500F-8A	600-1500	20	20.0				

Note

1. For the model having 25.4mm square drive, use a through-hole socket.
2. QL420N and QLE550N-QLE2100N have knurled handles.

QLE Optional Accessories



Adjusting Tool for QLE (P.46)

Part #	Applicable Model
301	QLE550N-2100N

QSP

Ratchet Head Type
Preset Torque Wrench

Assembly

Preset

Ratchet Head

RoHS

- No external scale, Torque value set using key & tester
- Ideal for mass production application

Direction



QSP100N4

QSP Optional Accessories

Thrusting Tool (P.44)

Part #	Tool #	Applicable Model
310	A-1	1.5N-6N
311	A-2	12N, 25N
312	A-3	50N-140N
313	A-4	200N-280N
314	A-5	420N

QSP3/QSP-MH Optional Accessories

Adjusting Tool (P.44)



931

930

Part #	Applicable Model
931	QSP1.5N4-12N4, QSP25N3 (-MH)
930	QSP50N3 (-MH)-280N3 (-MH) QSP100N4 (-MH), 200N4 (-MH)
314	QSP420N



314

Model	Torque Range			Overall Length [mm]	Square Drive [mm]	Weight [kg]
	[N-m]	[kgf-cm/kgf-m]	[lbf-in]			
	Min.-Max.	Min.-Max.	Min.-Max.			
QSP1.5N4	0.3-1.5	3-15	3-13	165	6.35	0.16
QSP3N4	0.6-3	6-30	6-25			
QSP6N4	1-6	10-60	10-50	175	6.35	0.19
QSP12N4	2-12	20-120	20-100			
NEW QSP25N3-1/4	5-25	50-250	50-200	215	9.53	0.25
QSP25N3						
QSP50N3	10-50	100-500	100-400	240	6.35	0.4
NEW QSP100N4-3/8	20-100	200-1000	200-850			
QSP100N4						
QSP140N3	30-140	300-1400	300-1000	315	12.7	0.7
QSP200N4	40-200	400-2000	350-1600			
NEW QSP280N3-1/2	40-280	4-28	350-2500	665	19.05	1.8
QSP280N3						
QSP420N	60-420	6-42	600-3600	970	3.1	3.1

Note

1. Adjusting tools for QSP and QSP3/QSP4 are different (see Optional Accessories). Adjusting tools are sold separately.
2. A torque wrench tester is necessary for torque setting. Please specify required set torque when you order. (Ex. QSP100N4 x 80N-m)