

PQL

Ratchet Head Type
Pre-Lock Torque
Wrench

Direction



RoHS

Assembly Pre-Lock Ratchet Head Graduation ISO6789:2017

- External scale, set by a hex key



PQL100N4

Accuracy ±3%

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.			
PQL10N	2-10	0.1	100PQL	kgf·cm	kgf·cm	PQL50L-2A	lbf·in	lbf·in	190	6.35	0.19
PQL15N	3-15		150PQL	20-100	1	PQL100L-2A	10-50	0.5			
PQL25N	5-25	0.25	225PQL	50-250	2.5	225PQL-A	40-200	2	215	9.53	0.25
PQL50N	10-50	0.5	450PQL	100-500	5	450PQL-A	100-400	5	260		
PQL100N4	20-100	1	900PQL4	200-1000	10	900PQL4-A	lbf·ft	lbf·ft	320	12.7	0.65
PQL140N	30-140		1400PQL	300-1400		1400PQL-A	30-100	1			
PQL200N4	40-200	2	1800PQL4	400-2000	20	1800PQL4-A	30-150	2	470	19.05	1.40
PQL280N	40-280		2800PQL	4-28		-	-	-	670		
PQL420N	60-420		4200PQL	6-42	0.2	-	-	-	975	3.4	

Standard Accessories Hex key for torque adjustment

PQL Optional Accessories



Carrying Case (P.49)

Part #	Applicable Model Dimension [mm]	Weight [kg]
842	50N-100N4 H60 × W400 × D70	0.25
843	140N-200N4 H60 × W520 × D80	0.36
846	200N and below H170 × W500 × D100	1.0
847	280N and below H170 × W740 × D100	0.36

PQL Protective Head Cover (P.49)

PQLLS

RoHS

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

Refer to page 28.

POKA Patrol, Count Checker
CNA-4mk3

Refer to page 27.

PQLZ

Pre-Lock Adjustable
Insulated Torque
Wrench

Direction



PQLZ100N4

Assembly Pre-Lock Graduation Vinyl Coating Insulated ISO6789:2017

- Insulated casing prevents electrical shocks.
- Specialized version of PQL

Accuracy ±3%

S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm]		Overall Length [mm]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.			
PQLZ25N	5-25	0.25	225PQLZ	50-225	2.5	227	9.5	0.28
PQLZ100N4	20-100	1	900PQLZ4	200-900	10	340	12.7	0.80

Standard Accessories Hex key for torque adjustment

Preset Insulated
Torque Wrench

Direction



QSPZ25N

Assembly Preset Vinyl Coating Insulated ISO6789:2017

- Insulated design suited for use in electric shock hazard conditions
- Ideal for electric car assembly, connection of battery terminal wiring work etc.

Accuracy ±3%

Model	Torque Range			Overall Length [mm]	Square Drive [mm]	Weight [kg]
	[N·m]	[kgf·cm]	[lbf·in]			
	Min.-Max.	Min.-Max.	Min.-Max.			
QSPZ25N	5-25	50-250	50-200	227	9.5	0.28
QSPZ100N4	20-100	200-1000	100-750	334	12.7	0.8

Note
 1. A torque wrench tester is necessary for torque adjustment. Specify required set torque when you order.
 2. Adjusting tools for QSPZ are sold separately.
 3. Sockets are sold separately. Refer to page 44.
 4. Sockets are not insulation coating.

CLWP

Water Proof and
Dust Free Torque
Wrench

Direction



RoHS



CLWP50NX12D



Assembly Pre-Lock Interchangeable Water/Dust Proof ISO6789:2017

- Waterproof and Dustproof torque wrench meets IP55/IP57 rating
- Washable torque wrench
- Anticorrosion coating

Accuracy ±4%

Head Size	Model	Torque Range [N·m]		Overall Length [mm]	Weight [kg]
		Min.-Max.	Grad.		
10D	CLWP15NX10D	5-15	0.25	220.5	0.3
	CLWP25NX10D	10-25			
12D	CLWP50NX12D	20-50	0.5	243	0.5
	CLWP100NX15D	40-100			
15D	CLWP140NX15D	60-140	1	378.5	0.8
	CLWP200NX19D	80-200			
			2	457.5	1.4

Note

- Overall length does not include interchangeable head.
- PH type interchangeable head/p.48 is not applicable.
- Interchangeable heads are optional. Refer to page 45-48.
- Waterproof and dustproof test meets IP55/IP57 by in-house test.

CLWP Optional Accessories

CPQH

Corrosion-resistant
interchangeable ratchet head



CPQH12D