

PQL

Ratchet Head Type
Pre-Lock Torque
Wrench

Direction



Assembly

Pre-Lock

Ratchet Head

Graduation

RoHS

- External scale but requires hex key to set



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	20-100	kgf·cm	PQL50I-2A	10-50	lbf·in	190	6.35	0.19
PQL15N	3-15		150PQL	30-150	kgf·cm	PQL100I-2A	20-100	lbf·in			
PQL25N	5-25		225PQL	50-250	kgf·cm	225PQL-A	50-200	lbf·in			
PQL50N	10-50	0.5	450PQL	100-500	kgf·cm	450PQL-A	100-400	lbf·in	260	9.53	0.40
PQL100N4	20-100	1	900PQL4	200-1000	kgf·m	900PQL4-A	15-75	lbf·ft	320	12.7	0.65
PQL140N	30-140		1400PQL	300-1400	kgf·m	1400PQL-A	30-100	lbf·ft			
PQL200N4	40-200		1800PQL4	400-2000	kgf·m	1800PQL4-A	30-150	lbf·ft			
PQL280N	40-280	2	2800PQL	4-28	kgf·m	-	-	-	670	19.05	2.0
PQL420N	60-420		4200PQL	6-42	kgf·m	-	-	-			

Standard Accessories Hex key (for torque adjustment)

PQL Optional Accessories



842



846

Carrying Case (P.46)

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



Protective Head Cover
Refer to page 46.

PQLLS

RoHS

- PQL style with Limit Switch output
- Ideal for torque verification (Pokayoke) assembly processes

S.I. Model	Metric Model
PQLLS25N	225PQLLS
PQLLS50N	450PQLLS
PQLLS100N4	900PQL4LS
PQLLS140N	1400PQLLS
PQLLS200N4	1800PQL4LS
PQLLS280N	2800PQLLS
PQLLS420N	4200PQLLS

POKA Patrol (Count Checker)
CNA-4mk3

Refer to page 31.



* Sold separately

PQLZ

Pre-Lock Adjustable
Insulated Torque
Wrench

Direction



PQLZ100N4

Assembly

Pre-Lock

Ratchet Head

Graduation

Vinyl Coating

- 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)

QSPZ

Preset Insulated
Torque Wrench

Direction



QSPZ25N

Assembly

Preset

Vinyl Coating

- 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]			
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. (Ex. QSPZ100N4 × 80N·m)
2. Adjusting tools for QSPZ are sold separately.
3. Sockets are sold separately. Refer to page 41.
4. Sockets are not insulation coating.