

# 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

# PCL

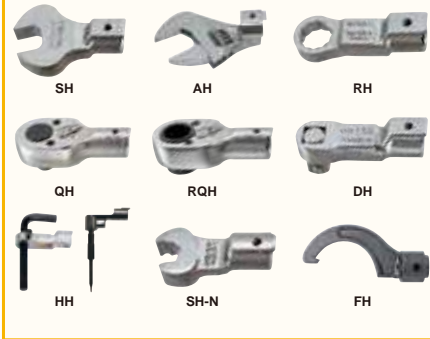
Interchangeable Head Type Pre-Lock Torque Wrench

Direction



RoHS

## Interchangeable Head



Assembly Pre-Lock Interchangeable Graduation ISO6789:2017

- Interchangeable head version of PQL
- External scale, set by a hex key



PCL100N×15D

Accuracy ±3%

Head Size	S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm]		American Model	Torque Range [lbf·in/lbf·ft]		Overall Length [mm]	Weight [kg]
		Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.		
8D	PCL10N×8D	2-10	0.1	100PCL	20-100	1	PCL50L×8D	10-50	0.5	170	0.16
	PCL15N×8D	3-15		150PCL	30-150		PCL100L×8D	20-100	1		
10D	PCL25N×10D	5-25	0.25	225PCL	50-250	2.5	225PCL-A	40-200	2	195	0.22
12D	PCL50N×12D	10-50	0.5	450PCL	100-500	5	450PCL-A	100-400	5	220	0.32
	PCL50N×15D			500PCL			500PCL-A	100-450		225	
15D	PCL100N×15D	20-100	1	900PCL	200-1000	10	900PCL-A	15-75	1	295	0.48
	PCL140N×15D	30-140		1400PCL	300-1400		1400PCL-A	30-100		355	
19D	PCL200N×19D	40-200	2	1800PCL	400-2000	20	1800PCL-A	30-150	2	435	1.3

Note 1. Overall length does not include interchangeable head.  
2. PH type interchangeable head/p.48 is not applicable.  
3. Interchangeable heads are optional.

Standard Accessories Hex key for torque adjustment

### PCL Optional Accessories

Carrying Case (P.49)

# PCLLS

RoHS

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

Refer to page 28.

POKA Patrol, Count Checker  
CNA-4mk3

# MT70N

Moto Tork/Pre-Lock Adjustable Specialty Torque Wrench

Direction



RoHS



MT70N

Assembly Pre-Lock Interchangeable Graduation

- Converts basic hand tools into torque wrenches
- Ideal for motorcycle maintenance

Accuracy ±5%

S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·m]		Overall Length [mm]	Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.		
MT70N	10-70	0.2	MT-7	1.0 -7.0	0.02	238	0.65

Note 1. Ring head wrench shown in the photo is not included.  
2. Max. clamp width for interchangeable tool is approx. 21mm.  
3. Min. interchangeable hex wrench key size is 5mm.

Standard Accessories 1. Carrying case  
2. Hex key wrench for torque adjustment

# SCL

European Style Interchangeable Head Type Adjustable Torque Wrench

Direction



RoHS



SCL50N-9×12

Assembly Pre-lock Interchangeable Graduation ISO6789:2017

- DIN interchangeable head connection
- Same function of CL

Accuracy ±3%

S.I. Model	Torque Range [N·m]		Head Size [mm]	Overall Length [mm]	Weight [kg]
	Min.-Max.	Grad.			
SCL25N5-9×12	5-25	0.2	9×12	226	0.3
SCL50N-9×12	10-50	0.5		239	0.37
SCL100N-9×12	20-100	1	313	0.52	
SCL200N-14×18	40-200	2	14×18	464	1.2

Note 1. Overall length does not include interchangeable head.  
2. Applicable to European style interchangeable head only. Tohnichi's interchangeable heads are not available for SCL models.  
3. SCL25N5-9 × 12N is a yellow/black resin grip.

# SCSP

European Style Interchangeable Head Type Preset Torque Wrench

Direction



RoHS



SCSP50N-9×12

Assembly Interchangeable Preset ISO6789:2017

- DIN interchangeable head connection
- Same function of CSP

Accuracy ±3%

Model	Torque Range		Head Size [mm]	Overall Length [mm]	Weight [kg]
	[N·m]	[kgf·cm]			
	Min.-Max.	Min.-Max.			
SCSP25N-9×12	5-25	50-250	9×12	204	0.15
SCSP50N-9×12	10-50	100-500		230	0.3
SCSP100N-9×12	20-100	200-1000	302	0.45	
SCSP200N-14×18	40-200	400-2000	14×18	434	1

Note 1. Overall length does not include interchangeable head.  
2. Applicable to European style interchangeable head only. Tohnichi's interchangeable heads are not available for SCL models.