

QL/QL

Ratchet Head
Type Adjustable
Torque Wrench

Assembly

Adjustable

Ratchet Head

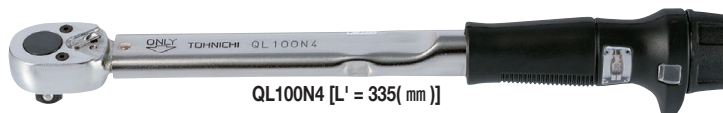
Graduation

General use torque wrench for tightening bolts.

Direction



QL3N4 [L' = 160 (mm)]



QL100N4 [L' = 335 (mm)]



QLE750N [L' = 1370 (mm)]

Accuracy ± 3%

QL Optional Accessory



CARRYING CASE

840

PART#	DIMENSION [mm]	WEIGHT [kg]	APPLICABLE MODELS
840	H91xW429xD120	0.5	QL100N4 ~ QL140N PQL100N4 ~ PQL140N MTQL70N, MTQL140N DB25N ~ DB100N APPROX. 5PCS OF SOCKET (under W19)
842	H60xW400xD70	0.25	QL50N, QL50N-MH CL50Nx12D, CL50Nx15D CL50Nx12D-MH, CL50Nx15D-MH MTQL40N ~ 70N, QL100N-MH PQL50N, QL100N4-MH
843	H80xW520xD80	0.36	QL200N4, QL200N4-MH, DQL200N4

QLE Optional Accessory



ADJUSTING TOOL FOR QLE

PART#	APPLICABLE MODELS
301	QLE550N ~ 2100N / CLE, DQLE, TIEQLE

QLLS

Error-proofing (Pokayoke) torque wrench
with limit switch output to eliminate missed tightening.



QLLS100N4

S.I. MODEL	DIMENSION [mm]	WEIGHT [kg]
	L	
QLMS12N4	32	0.35
QLLS25N	34	0.42
QLLS50N	49	0.62
QLLS100N4	81	0.86
QLLS140N	101	0.96
QLLS200N4	179	1.57
QLLS280N	249	2.47
QLLS420N	449	4.07

Note
1. For specifications, refer to basic models (QL, CL, PQL, PCL, TQL).
2. Standard cut cord can be extended to about 2 m in full extension.

POKA Patrol CNA-4mk2



QL-MH

Ratchet Head Type
Adjustable Torque
Wrench with Metal
Handle

Direction



QL100N4-MH

Optional Accessory

CARRYING CASE

PART#	DIMENSION [mm]	WEIGHT [kg]	APPLICABLE MODELS
840	H91xW429xD120	0.5	QL100N4 ~ QL140N PQL100N4 ~ PQL140N MTQL70N, MTQL140N DB25N ~ DB100N APPROX. 5PCS OF SOCKET (under W19)
842	H60xW400xD70	0.25	QL50N, QL50N-MH CL50Nx12D, CL50Nx15D CL50Nx12D-MH, CL50Nx15D-MH MTQL40N ~ 70N, QL100N-MH PQL50N, QL100N4-MH
843	H80xW520xD80	0.36	QL200N4, QL200N4-MH, DQL200N4

Assembly

Adjustable

Ratchet Head

Graduation

Knurled metal handle version of QL model.

Accuracy ± 3%

S.I. MODEL	CAPACITY [N · m]	METRIC MODEL	CAPACITY [kgf · cm/kgf · m]	MAX HAND FORCE [N]	DIMENSION OVERALL LENGTH L' [mm]	WEIGHT [kg]
	MIN. ~ MAX. GRAD.		MIN. ~ MAX. GRAD.			
QL25N-MH	5 ~ 25 0.25	225QL-MH	50 ~ 250 ^{kgf·cm} 5	154	230	0.25
QL50N-MH	10 ~ 50 0.5	450QL-MH	100 ~ 500 5	278	260	0.45
QL100N4-MH	20 ~ 100 1	900QL4-MH	200 ~ 1000 10	392	335	0.69
QL140N-MH	30 ~ 140 2	1400QL-MH	300 ~ 1400 20	438	400	0.79
QL200N4-MH	40 ~ 200 2	1800QL4-MH	400 ~ 2000 20	500	490	1.4
QL280N-MH	40 ~ 280 2	2800QL-MH	4 ~ 28 0.2	467	695	1.9



Socket and Adapter
Interchangeable Head

P.32
P.30