

QSP

Ratchet Head Type
Preset Torque Wrench

Direction



Assembly

Preset

Ratchet Head

ISO6789:2003
2017

- No external scale, torque set by a torque wrench tester
- Ideal for mass production application



QSP100N4

Accuracy ±3%

QSP3/QSP-MH Optional Accessories



Adjusting Tool (P.49)

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



873

QSP Protective Head Cover (P.49)

Part #	Applicable model
870	QSP1.5N4 - 12N4
871	QSP25N3(-MH)
872	QSP50N3(MH)
873	QSP100N4(-MH)
874	QSP140N3(-MH)
875	QSP200N4
877	QSP280N3
878	QSP420N

Model	Torque Range			Overall Length [mm]	Square Drive [mm]	Weight [kg]
	[N·m] Min.-Max.	[kgf·cm/kgf·m] Min.-Max.	[lbf·in] Min.-Max.			
QSP1.5N4	0.3-1.5	3-15	2.7-13.2	165	6.35	0.16
QSP3N4	0.6-3	6-30	5.3-26.5			
QSP6N4	1-6	10-60	8.9-53.0			
QSP12N4	2-12	20-120	17.7-106	175	9.53	0.25
QSP25N3-1/4	5-25	50-250	45-221	215		
QSP25N3						
QSP50N3	10-50	100-500	89-442	240	12.7	1.2
QSP100N4-3/8	20-100	200-1000	177-885	315		
QSP100N4						
QSP140N3	30-140	300-1400	266-1238	380	19.05	1.8
QSP200N4	40-200	400-2000	354-1769	465		
QSP280N3-1/2						
QSP280N3	40-280	4-28	354-2477	665	970	3.1
QSP420N	60-420	6-42	531-3716			

- Note
1. Adjusting tools are sold separately.
 2. A torque wrench tester is necessary for torque setting. Specify required set torque when you order.
Ex. QSP100N4 × 80N·m
 3. QSP200N4-QSP420N have knurled handles.
 4. QSP1.5N4 and QSP3N4 are issued ISO:6789-2003 certificate when request initial torque setting.

QSPLS

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

Refer to page 28.

QSP-MH

Ratchet Head
Type Preset
Torque Wrench
with Metal Handle

Direction



Assembly

Preset

Ratchet Head

ISO6789:2017

- Knurled metal handle version of QSP
- Ideal for oily working conditions



QSP100N4-MH

Accuracy ±3%

Model	Torque Range			Overall Length [mm]	Square Drive [mm]	Weight [kg]
	[N·m] Min.-Max.	[kgf·cm/kgf·m] Min.-Max.	[lbf·in] Min.-Max.			
QSP25N3-MH	5-25	50-250	45-221	215	9.5	0.25
QSP50N3-MH	10-50	100-500	89-442	240		
QSP100N4-MH	20-100	200-1000	177-885	315	12.7	0.65
QSP140N3-MH	30-140	300-1400	266-1238	380		

- Note
1. A torque wrench tester is necessary for torque adjustment. Specify required set torque when you order.
Ex. QSP100N4-MH × 80N·m
 2. Adjusting tools for QSP-MH are sold separately.
 3. Sockets are sold separately. Refer to page 44.

BQSP

Bi-Directional Type
Preset Torque Wrench

Direction



Assembly

Preset

Ratchet Head

Bi-Directional

ISO6789:2017

- Click for both CW & CCW applications
- Same function of QSP



BQSP70N

Accuracy ±3%

Model	Torque Range			Overall Length [mm]	Square Drive [mm]	Weight [kg]	Adjusting Tool Part #
	[N·m] Min.-Max.	[kgf·cm/kgf·m] Min.-Max.	[lbf·in] Min.-Max.				
BQSP10N	5-10	50-100	44.3-88.5	213.5	6.35	0.2	931
BQSP20N	10-20	100-200	88.5-177				
BQSP40N	20-40	200-400	177-354	240	9.53	0.4	930
BQSP70N	35-70	350-700	310-619	314			
BQSP120N	60-120	600-1200	531-1061	380	12.7	0.73	930
BQSP220N	110-220	1100-2200	974-1946	462			
BQSP300N	150-300	15-30	1328-2654	665	19.05	2.4	314
BQSP400N	200-420	20-42	1770-3716	970.5			

- Note
1. BQSP10N-300N have resin grips.
 2. BQSP400N has a knurled handle.
 3. Adjusting tool is sold separately.
 4. Sockets are sold separately. Refer to page 44.

BQSP Optional Accessories



Adjusting Tool (P.49)

Part #	Applicable Model
931	BQSP10N-20N
930	BQSP40-300N
314	BQSP400N