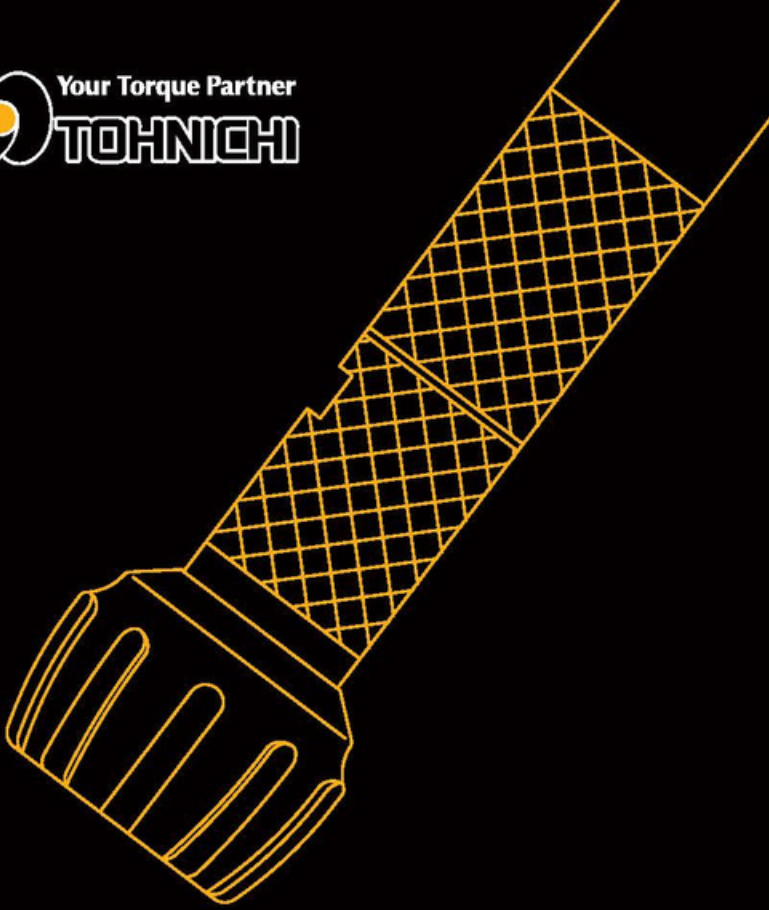


2025.10

Reference Guide



FOR MORE INFORMATION PLEASE CONTACT:



BHAGWATI
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AN ISO 9001 : 2015 CERTIFIED COMPANY

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 Accessories931
930

932

Adjusting Tool (P.49)

Part #	Applicable Model
931	QSP1.5N4-12N4, QSP25N3/-MH
930	QSP50N3/-MH ~ 420N3
932	QSP100N4/-MH, 200N4/-MH



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	QSP420N3

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

QSP-MH**Ratchet Head
Type Preset
Torque Wrench
with Metal Handle**

Direction

**QSP100N4-MH**

Assembly

Preset

Ratchet Head

ISO6789:2017

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

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	9.53	0.25
QSP50N3-MH	10-50	100-500	89-442	240		0.4
QSP100N4-MH	20-100	200-1000	177-885	315	12.7	0.65
QSP140N3-MH	30-140	300-1400	266-1238	380		0.7

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

**BQSP70N**

Assembly

Preset

Ratchet Head

Bi-Directional

ISO6789:2017

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

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			0.4	
BQSP40N	20-40	200-400	177-354	240	9.53	0.63	
BQSP70N	35-70	350-700	310-619	314		0.73	
BQSP120N	60-120	600-1200	531-1061	380	12.7	1.3	930
BQSP220N	110-220	1100-2200	974-1946	462			
BQSP300N	150-300	15-30	1328-2654	665	19.05	2.4	
BQSP400N	200-420	20-42	1770-3716	970.5		3.7	314

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 Accessories931
930

314

Adjusting Tool (P.49)

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

2025.10

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