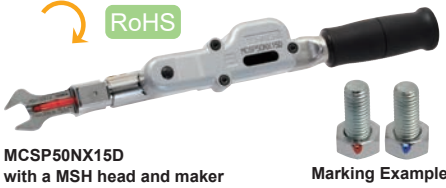


MCSP

Marking Torque Wrench

Direction



MCSP50N×15D
with a MSH head and maker

Marking Example

Assembly

Preset

Interchangeable

ISO6789:2017

- Interchangeable type marking torque wrench.
- Put ink mark on a bolt/nut when torque achieved.

Accuracy ±3%

Head Size	Model	Torque Range			Overall Length [mm]	Weight [kg]
		[N·m] Min.-Max.	[kgf·cm] Min.-Max.	[lbf·in] Min.-Max.		
15D	MCSP50N×15D	10-50	100-500	88.5-442	282	0.65
	MCSP100N×15D	20-100	200-1000	177-885	355	0.9
	MCSP140N×15D	30-140	300-1400	266-1238	418.5	1.0

Note 1. Overall length does not include interchangeable head.
2. Adjusting tools and MSH head, marker pen are sold separately.
3. A torque wrench tester is necessary for torque setting. Specify required set torque when you order.

MPCL

Marking Torque Wrench

Direction



MPCL50N×15D
with a MSH head and maker

Marking Example

Assembly

Pre-Lock

Interchangeable

ISO6789:2017

- Pre-lock style of spanner type marking torque wrench.

Accuracy ±3%

Head Size	Model	Torque Range		Standard accessories	Overall Length [mm]	Weight [kg]
		[N·m] Min.-Max.	1 Grad. Min.-Max.			
15D	MPCL50N×15D	10-50	0.5	Torque setting hex key	282	0.65
	MPCL100N×15D	20-100			355	0.9
	MPCL140N×15D	30-140	1		418.5	1.0

Note 1. Overall length does not include interchangeable head.
2. Adjusting tools and MSH head, marker pen are sold separately.

MCSP/MPCL Optional Accessories

Spanner type Interchangeable Head

Model (Body size x Spanner size)	Tmax. [N·m]	Head Outside Width	Head Thickness	Weight [g]	Applicable Marker End
MSH15Dx10	30	30	7.5	80	1671 Silver
MSH15Dx12				82	
MSH15Dx13		31	8	83	
MSH15Dx14		32		84.5	
MSH15Dx16	40	35		95	
MSH15Dx17	55	38	9	106.5	1672 Black
MSH15Dx18				108	
MSH15Dx19		39	10	115	
MSH15Dx21	75	44		123	
MSH15Dx22			11	132.5	
MSH15Dx24		46		132	
MSH15Dx26	100	50	12	152.5	1673 Gold
MSH15Dx27		51		150.5	
MSH15Dx30	140	58	13	192	
MSH15Dx32		60		194.5	

Note 1. One piece of Maker End and attachment bolt comes with a MSH head.
2. MCSP/MPCL body and MSH head are fixed by the attachment bolt W2 mm.

Marker Pen

Part #	Description
1651	Red maker, 10pcs/pack
1652	Red maker, 100pcs/pack
1653	Blue maker, 10pcs/pack
1654	Blue maker, 100pcs/pack

Note 1. Disposable type maker.
2. 2000 times of stamping by a maker. * It depends on conditions.

Marker End

Part #	Description
1671	Silver
1672	Black
1673	Gold

Adjusting Tool

Part #	Description
930	MCSP50N - 140N

CMQSP

Marking Torque Wrench

Direction



CMQSP-M8

Marked bolt head

Assembly

Preset

Ratchet Head

Quick Drying Ink

ISO6789:2017

- Preset style marking torque wrench for hex screws
- Mechanism marks side of bolt and work piece.

Accuracy ±3%

Model	Torque Range			Width Across Flats [mm]	Overall Length [mm]	Weight [kg]
	[N·m] Min.-Max.	[kgf·cm] Min.-Max.	[lbf·in] Min.-Max.			
CMQSP-M6	5-25	50-250	44.3-221.2	5	241	0.85
CMQSP-M8	10-50	100-500	86.5-442.5	6		0.85
CMQSP-M10	20-100	200-1000	177-865	8	320	1.13
CMQSP-M12	30-140	300-1400	265.5-1239.1	10	380	1.13

Note A torque wrench tester is necessary for torque setting. Specify required set torque when you order.
Ex. CMQSP-M10 × 50N·m

Standard Accessories 2 x Hex wrench (including 1 spare), Marker head, Marker case, Hex wrench position adjustment tool

CMQSP Optional Accessories

Bit

Part #	Description
724	CMQSP-M6 Bit
725	CMQSP-M8 Bit
726	CMQSP-M10 Bit
727	CMQSP-M12 Bit

Marker Head

Part #	Description
792	Marker Head for CMQSP

Refill Ink and Solvent

Part #	Description
776	White Ink
777	Yellow Ink
794	Solvent

CMQSP Adjusting Adapter

Part #	Description	Applicable Tester
811	CMQSP-M6 Adapter	DOTE20N3-G, 50N3-G, 100N3-G
812	CMQSP-M8 Adapter	
813	CMQSP-M10 Adapter	
814	CMQSP-M12 Adapter	DOTE200N3-G, 500N3-G

CMQSP Adjusting Pole Holder

Part #	Applicable Model	Applicable Tester
815	CMQSP-M6, M8 Pole Holder	DOTE20N3-G, 50N3-G, 100N3-G
816	CMQSP-M10, M12 Pole Holder	

Note A torque wrench tester, Tohnichi's Adjusting Adapter, and Pole Holder are necessary for CMQSP torque adjustment.

CMQSP Adjusting Tool (P.49)

Part #	Applicable Model
930	CMQSP-M6, M8, M10, M12