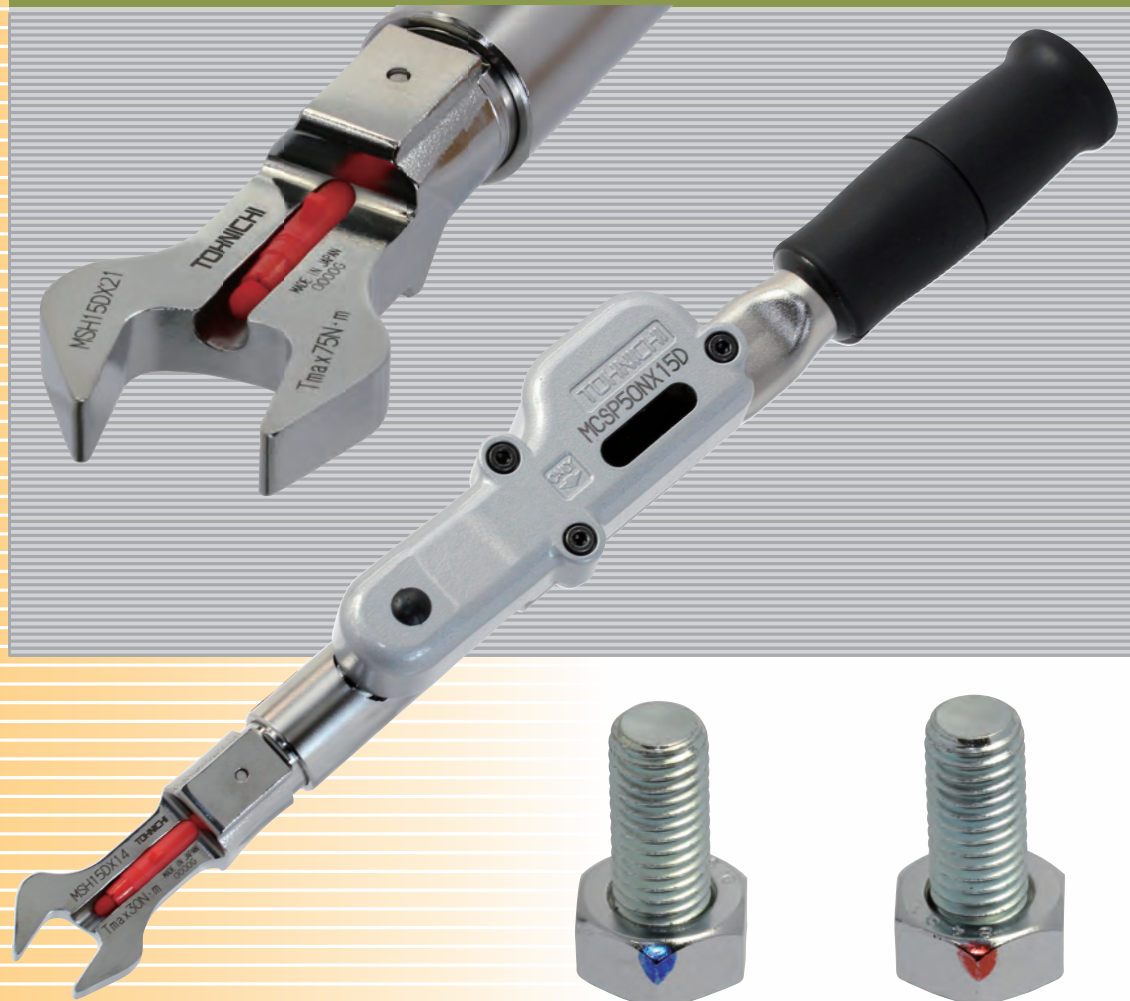


Marking Torque Wrench MCSP

Spanner style marking torque wrench for bolt tightening with torque verification mark



MCSP50NX15D with MSH15DX14
*Sold separately

Blue Mark

Red Mark

- When the tightening process is completed, this tool will mark the fastener
- Interchangeable spanner head selection available from 12 to 32mm
- Three Models cover torque range 10 to 140N•m

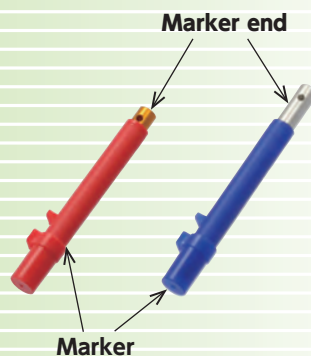
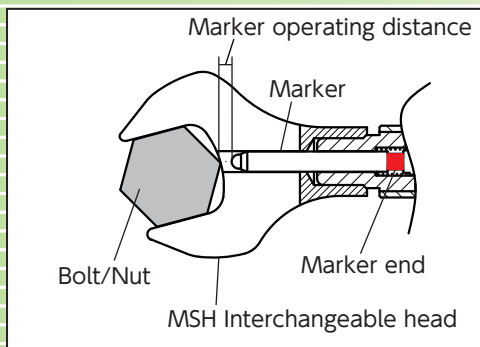
RoHS



Features

- **Bolt / nut is marked on the side when tightening is completed**
MCSP series helps to enhance productivity, combining both tightening and marking in one operation to eliminate missed marking.
- **Preset type, interchangeable open end spanner head**
Ideal for high volume production applications.
- **Disposable marker**
Easy to replace disposable marker can perform up to 2,000 marks.
- **Marker is self aligning, no adjustment is required**
Marker end controls the marker operating distance.

*Each MSH interchangeable head includes correct marker end for that particular size.



Marking example

Application examples

MCSP open end style is ideal for variety of applications



Flange bolt

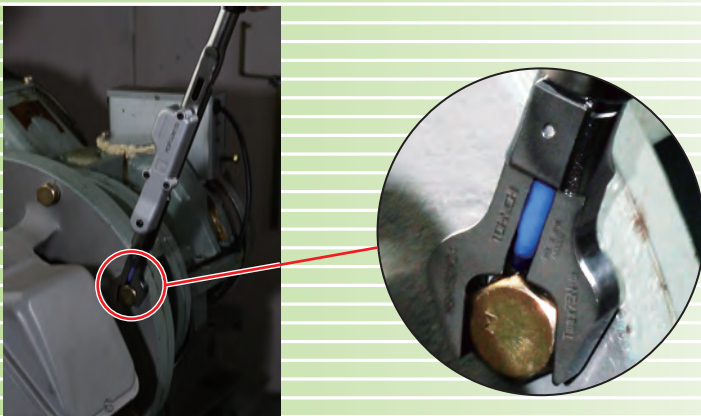


Double nut



Tube nut

MCSP is ideal for hard to reach applications that cannot use socket type heads



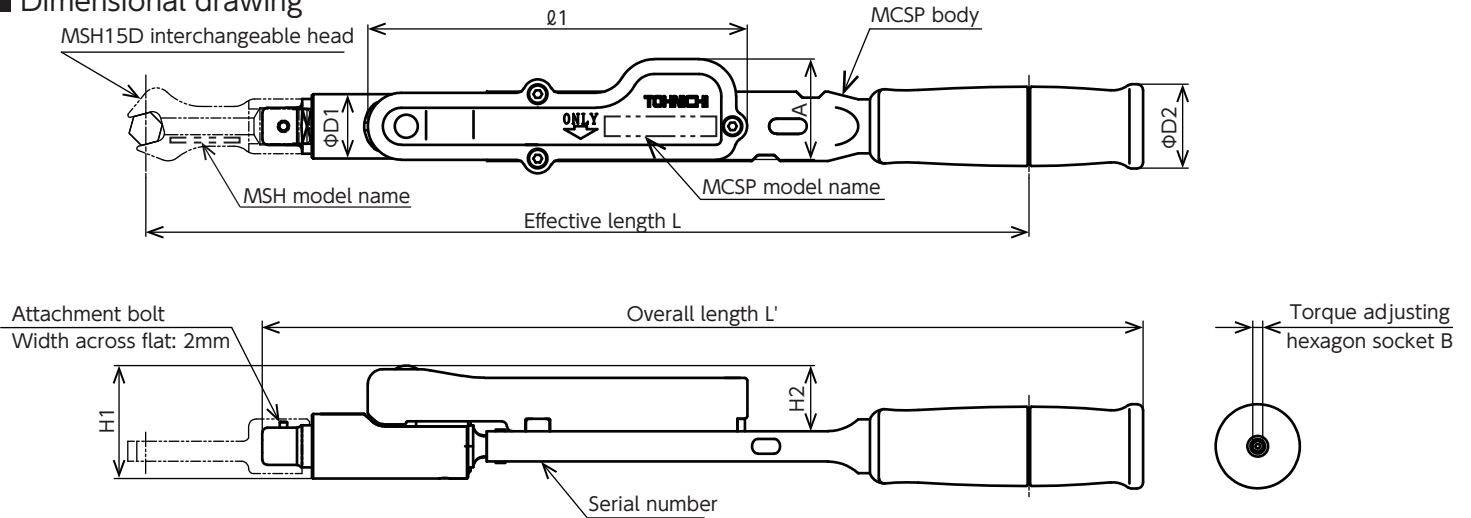
Partially obstructed fasteners



Close proximity hydraulic lines

Specification

■ Dimensional drawing



Accuracy ±3%

Model	Torque Range [N·m]	Dimensions [mm]									P [N]	MSH Head size	Weight [kg]
	Min.-Max.	L'	L	ℓ1	A	ΦD1	ΦD2	H1	H2	B			
MCSP50NX15D	10 - 50	282	283	163.5		23		43.6			177		0.65
MCSP100NX15D	20 - 100	355	356	195.5	40.6	26	34	45.6	21.5	4	281	MSH15D	0.9
MCSP140NX15D	30 - 140	418.5	419.5								334		1.0

Option

Interchangeable head for MCSP

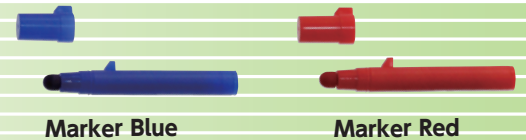
Model [Body X Size]	Tmax [N·m]	Outside width [mm]	Thickness [mm]	Weight [g]	Applicable Marker End
MSH15DX12		30		82	
MSH15DX13	30	31	8	83	
MSH15DX14		32		84.5	1671
MSH15DX16	40	35		95	Silver
MSH15DX17		38	9	106.5	
MSH15DX18	55	39		108	
MSH15DX19			10	115	
MSH15DX21		44		123	1672
MSH15DX22	75		11	132.5	Black
MSH15DX24		46		132	
MSH15DX26		50	12	152.5	
MSH15DX27	100	51		150.5	1673
MSH15DX30		58	13	192	Gold
MSH15DX32	140	60		194.5	

*1. Each MSH comes with a paired marker end to ensure correct operating distance

*2. Please contact Tohnichi or a Tohnichi distributor if you do not see the head size you are looking for

Marker

Part No.	Description
1651	MCSP Marker Red 10 pcs/pack
1652	MCSP Marker Red 100 pcs/pack
1653	MCSP Marker Blue 10 pcs/pack
1654	MCSP Marker Blue 100 pcs/pack



Marker End

Part No.	Description	Applicable head size
1671	Marker End Silver	12 - 18mm
1672	Marker End Black	19 - 24mm
1673	Marker End Gold	26 - 32mm



Adjusting tool

Part No.
930



MSH15DX14



MSH15DX21

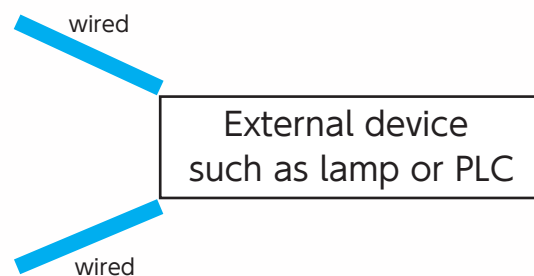
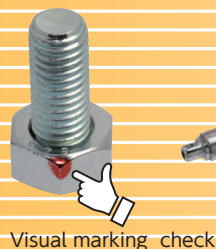


MSH15DX32

Error-proofing system/tightening management system example

● Error-proofing system

Marking plus tightening verification signal



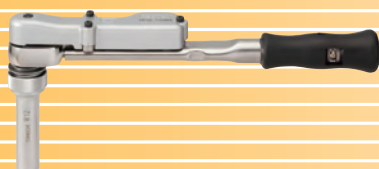
● Tightening management system

Marking plus applied tightening torque data output



Tohnichi Marking Torque Tools

MPQL / MQL / MQSP Marking Torque Wrench



- MPQL/MQL models cover a range of 10 to 280N·m
- MQSP models cover a range of 10 to 200N·m
- Sockets are available from 10 to 30mm

CMQSP Marking Torque Wrench



- Models cover a range of 5 to 140N·m
- For M6/M8/M10/M12 hexagon socket head bolts

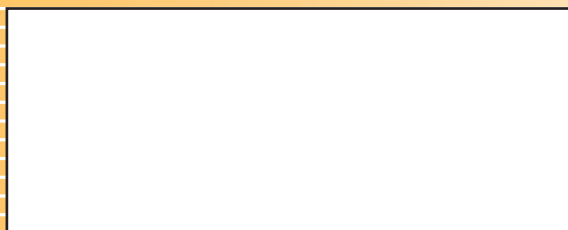
MNTD Marking Torque Screwdriver



- Models cover a range of 40 to 500cN·m
- Plus bit #1 ~ 3 and Hex bit W2.5/W3/W4/W5 are available



Promotional videos are available on YouTube. Visit Tohnichi TV!
<https://www.youtube.com/c/TohnichiTV>



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