

# 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

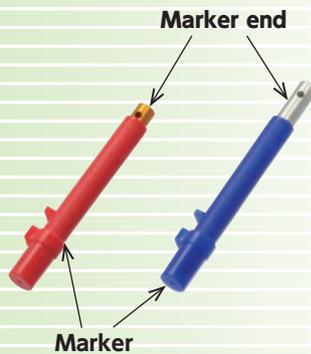
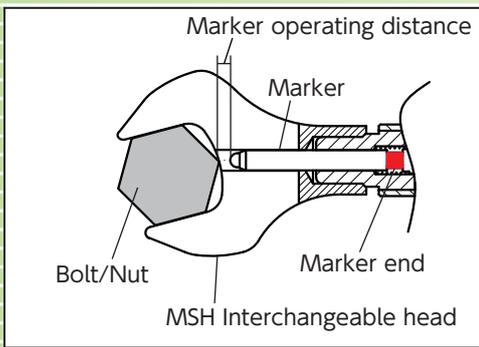
RoHS



## 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

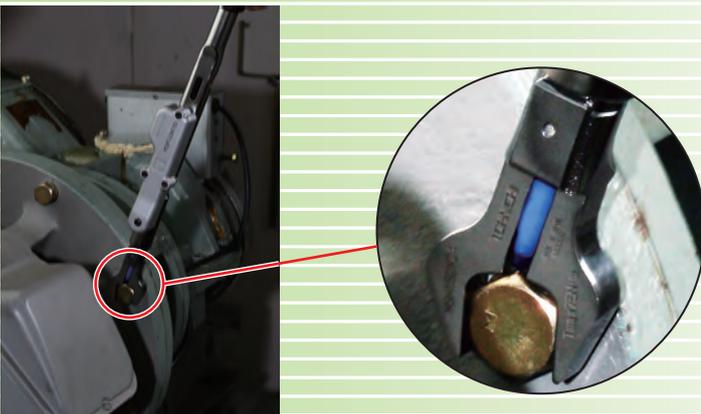


Double nut



Tube nut

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



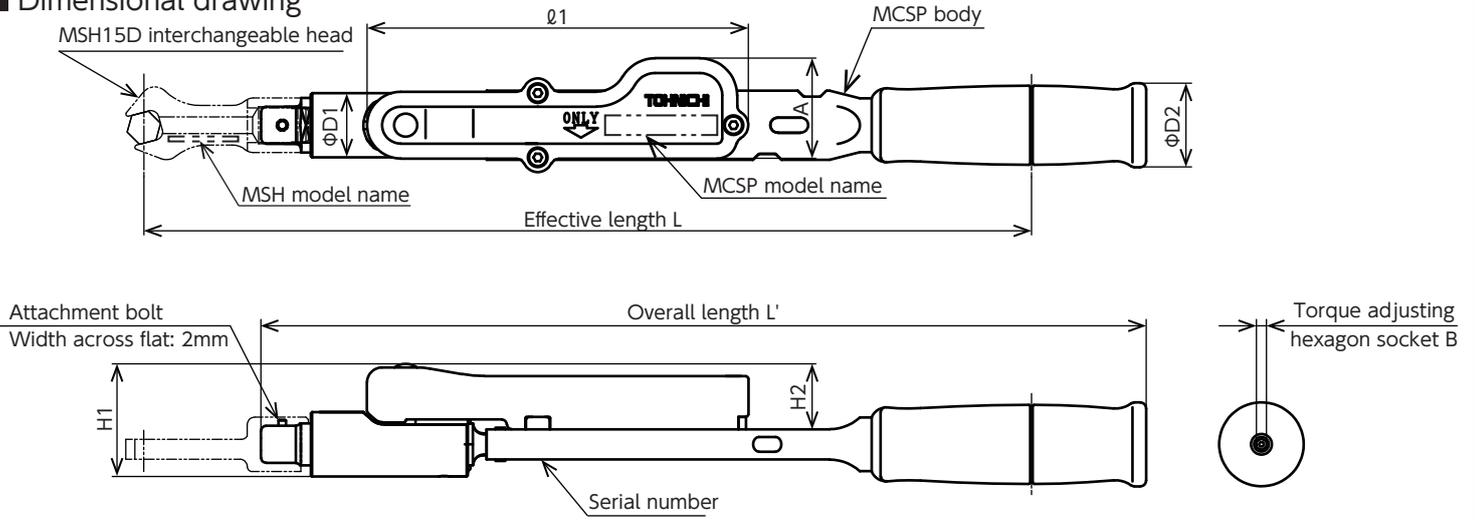
Partially obstructed fasteners



Close proximity hydraulic lines

# Specification

## Dimensional drawing



Accuracy ±3%

Model	Torque Range [ N·m ] Min.-Max.	Dimensions [ mm ]									P [ N ]	MSH Head size	Weight [ kg ]
		L'	L	∅1	A	∅D1	∅D2	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										

## Option

### Interchangeable head for MCSP

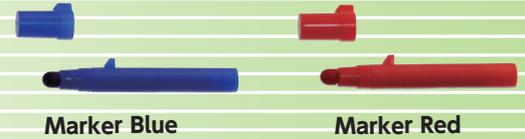
Model [ Body X Size ]	Tmax [ N·m ]	Outside width [ mm ]	Thickness [ mm ]	Weight [ g ]	Applicable Marker End
MSH15DX12		30		82	
MSH15DX13	30	31	8	83	1671 Silver
MSH15DX14		32		84.5	
MSH15DX16	40	35	9	95	1672 Black
MSH15DX17		38		106.5	
MSH15DX18	55	39	10	108	1673 Gold
MSH15DX19				115	
MSH15DX21		44	11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

Marker Red

### 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



1671

1672

1673

### Adjusting tool

Part No.
930



MSH15DX14



MSH15DX21

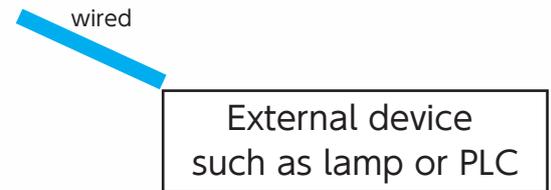


MSH15DX32

# Error-proofing system/tightening management system example

## ● Error-proofing system

Marking plus tightening verification signal



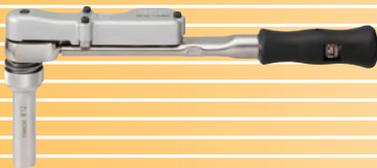
## ● Tightening management system

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

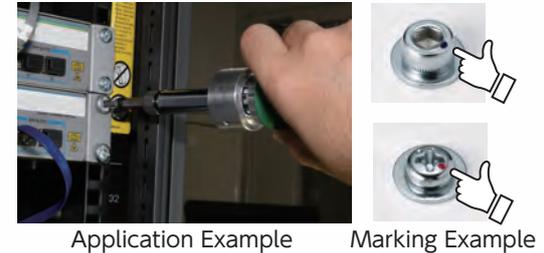
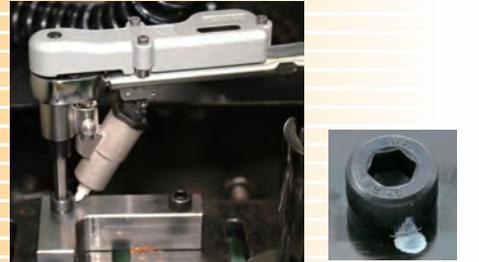
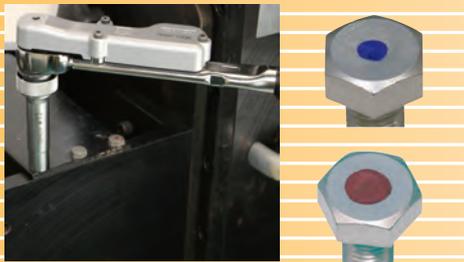


- Models cover a range of 5 to 140N·m
- For M6/M8/M10/M12 hexagon socket head bolts

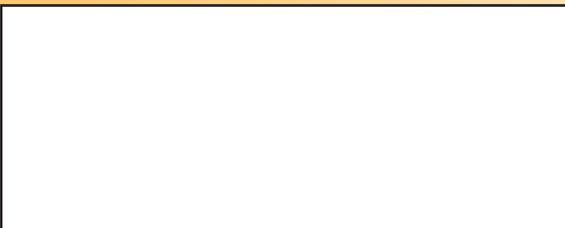
## MNTD Marking Torque Screwdriver



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



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



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