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# Torque Wrench

## CL-MH Adjustable Click Type Torque Wrench

DIRECTION 

 RoHS  ASSEMBLY  ADJUSTABLE  INTERCHANGEABLE HEAD  GRADUATION

## Features

- Knurled metal handle version of CL model.
- Same features as QL-MH type but with interchangeable heads.
- A clear "click" sound by internal toggle mechanism signals tightening completion upon reaching the set torque.
- By exchanging heads, the wrench services a variety of applications from open end spanner, ring, ratchet, hex heads, and more, with a single wrench.
- CL25Nx10D-MH, CL50Nx12D-MH, CL50Nx15D-MH, CL100Nx15D-MH and CL140Nx15D-MH adjustable torque wrenches can be used with interchangeable adjustable heads (AH) (monkey wrench type).
- Applicable for international use including the EU region.
- Compliant with calibration procedures of ISO 6789 Type II Class A.



**CL200NX19D-MH [Overall length 455 mm]**

# Specifications

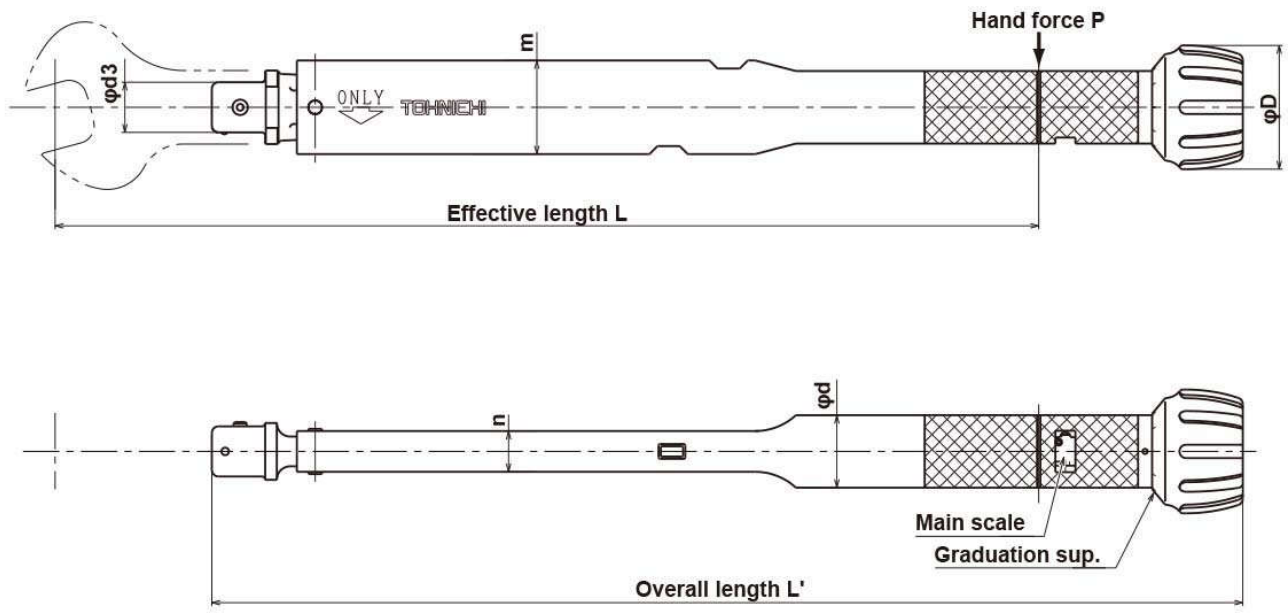
Accuracy $\pm 3\%$							
S.I. MODEL		CL2NX8D-MH	CL5NX8D-MH	CL10NX8D-MH	CL15NX8D-MH	CL25NX10D-MH	
TORQUE RANGE [N • m]	MIN. ~ MAX.	0.4~2	1~5	2~10	3~15	5~25	
	GRAD.	0.02	0.05	0.1		0.25	
METRIC MODEL		20CL-MH	50CL-MH	100CL-MH	150CL-MH	225CL-MH	
TORQUE RANGE [Kgf • cm / Kgf • m]	MIN. ~ MAX.	kgf • cm 4~20	10~50	20~100	30~150	50-250	
	GRAD.	kgf • cm 0.2	0.5	1		2.5	
AMERICAN MODEL		CL15IX8D-MH	CL30IX8D-MH	CL50IX8D-MH	CL100IX10D-MH	Upon Request	
TORQUE RANGE [lbf • in]	MIN. ~ MAX.	3~15	6~30	10~50	20~100	-	
	GRAD.	0.1	0.2	0.5	1	-	
APPLICABLE BOLT	COMMON STEEL	M4	M5,M6	(M7)	M8		
	HIGH TENSION	(M3.5)	(M4.5)	M6 (	M6) M7	(M7)	
MAX. HAND FORCE [N]		17.2	42.9	65.6	98.4	139	
DIMENSION [mm]	EFFECTIVE LENGTH	L	116.5	152.5		180	
	OVERALL LENGTH	L'	140	175		200	
	HEAD	d3	8				10
		m	19				
	BODY	n	9.2				
		d	15				
D		25.5				26.5	
WEIGHT [kg]		0.13		0.16		0.25	

Accuracy ±3%								
S.I. MODEL		CL50NX12D-MH	CL50NX15D-MH	CL100NX15D-MH	CL140NX15D-MH	CL200NX19D-MH	CL280NX22D-MH	
TORQUE RANGE [N • m]	MIN. ~ MAX.	10~50		20~100	30~140	40~200	40~280	
	GRAD.	0.5		1	2			
METRIC MODEL		450CL-MH	500CL-MH	900CL-MH	1400CL-MH	1800CL-MH	2800CL-MH	
TORQUE RANGE [Kgf • cm / Kgf • m]	MIN. ~ MAX.	100-500		200-1000	300-1400	400-2000	kgf•m 4-28	
	GRAD.	5		10	20		kgf•m 0.2	
AMERICAN MODEL		Upon Request						
TORQUE RANGE [lbf • in]	MIN. ~ MAX.	-	-	-	-	-	-	
	GRAD.	-	-	-	-	-	-	
APPLICABLE BOLT	COMMON STEEL	M10		M12 (M14)	M16	(M18)	M20	
	HIGH TENSION	M8		M10	M12	(M14)	M16	
MAX. HAND FORCE [N]		238	227	338	394	449	424	
DIMENSION [mm]	EFFECTIVE LENGTH	L	210	220	295	355	445	660
	OVERALL LENGTH	L'	235		310	370	455	655
	HEAD	d3	12	15			19	22
	BODY	m	25.5		28		35	
		n	11.2		12.2		15	
		d	20		21.7		27.2	
D		36		37		46.5		
WEIGHT [kg]		0.45		0.69	0.79	1.4	1.9	

### Notes

Overall length does not include interchangeable head. PH (Pipe wrench head) type interchangeable head is not available for this model.

# Dimensions



# Accessories

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**Interchangeable  
Heads**