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Torque Wrench

CL / CLE Adjustable Click Type Torque Wrench

DIRECTION 

 RoHS

ASSEMBLY

ADJUSTABLE

INTERCHANGEABLE HEAD

TORQUE GRADUATION

Features

- Interchangeable head applicable for multi-purpose use.
- Interchangeable head version of QL model.
- By exchanging heads, the wrench services a variety of applications from open end spanner, ring, ratchet, hex heads, and more, with a single wrench.
- A clear "click" sound signals tightening completion upon reaching the set torque.
- Torque setting is easy to adjust by knob and scale.
- With CLE550N2 to CLE1200N2 models, the built-in torque adjustment handle makes torque changes easy even without a special-purpose tool.
- CL2N to CL25N5 models have a resin grips with large contrasting scale.
- CL50N to CL280N models have a resin grip, while CL420N has a knurled metal handle.
- CLE550N2 to CLE1200N2 models have an extension handle that separates from the body for compact storage.
- CL25N5x10D, CL50Nx12, CL50Nx15D, CL100Nx15D and CL140Nx15D 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.



Caption1



Color Caps / QL25N5 Scale



CL100NX15D [Overall length 310 mm]



CL420NX22D [Overall length 940 mm]



CL50NX15D and AH15D2X26



CLE550N2X27D [Overall length 1148 mm]



Torque setting by a built-in handle

Specifications

Accuracy ±3%								
S.I.MODEL			CL2NX8D	CL5NX8D	CL10NX8D	CL15NX8D	CL25NX10D	
TORQUE RANGE [N • m]	MIN. ~ MAX.		0.4 ~ 2	1 ~ 5	2 ~ 10	3 ~ 15	5 ~ 25	
	GRAD.		0.02	0.05	0.1		0.2	
METRIC MODEL			20CL	50CL	100CL	150CL	225CL5	
TORQUE RANGE [kgf • cm]	MIN. ~ MAX.		4 ~ 20	10 ~ 50	20 ~ 100	30 ~ 150	50 ~ 250	
	GRAD.		0.2	0.5	1		2.5	
AMERICAN MODEL			CL15IX8D	CL30IX8D	CL50IX8D	CL100IX8D	CL200IX10D	
TORQUE RANGE [lbf • in]	MIN. ~ MAX.		3 ~ 15	6 ~ 30	10 ~ 50	20 ~ 100	50 ~ 200	
	GRAD.		0.1	0.2	0.5		2.5	
APPLICABLE BOLT	COMMON STEEL		M4	M5, M6	(M7)	(M8)		
	HIGH TENSION		(M3.5)	(M4.5)	M6	(M6)M7	(M7)	
MAX. HAND FORCE [N]			14.5	36.4	61.5	92.3	133.7	
DIMENSION [mm]	EFFECTIVE LENGTH	L	137.5		162.5		187	
	OVERALL LENGTH	L'	173.5		198.5		216	
	HEAD	d3	8					10
	BODY	m	19					
		n	9.2					
		d	15					
		D	37					
WEIGHT [kg]			0.24		0.26		0.3	

Accuracy ±3%

S.I.MODEL		CL50NX12D	CL50NX15D	CL100NX15D	CL140NX15D	CL200NX19D	CL280NX22D	CL420NX22D
TORQUE RANGE [N • m]	MIN. ~ MAX.	10 ~ 50		20 ~ 100	30 ~ 140	40 ~ 200	40 ~ 280	60 ~ 420
	GRAD.	0.5		1		2		
METRIC MODEL		450CL3	500CL3	900CL3	1400CL3	1800CL3	2800CL3	4200CL3
TORQUE RANGE [kgf • cm/kgf • m]	MIN. ~ MAX.	kgf • cm 100 ~ 500		200 ~ 1000	300 ~ 1400	400 ~ 2000	kgf • m 4 ~ 28	6 ~ 42
	GRAD.	kgf • cm 5		10		20	kgf • m 0.2	0.5
AMERICAN MODEL		450CL3-A	500CL3-A	900CL3-A	1400CL3-A	1800CL3-A	2800CL3-A	4200CL3-A
TORQUE RANGE [lbf • in/lbf • ft]	MIN. ~ MAX.	lbf • in 100 ~ 400	100 ~ 450	200 ~ 800	lbf • ft 30 ~ 100	30 ~ 150	30 ~ 200	60 ~ 300
	GRAD.	lbf • in 5		lbf • in 10	lbf • ft 1	lbf • ft 2		
APPLICABLE BOLT	COMMON STEEL	M10		M12 (M14)	M16	(M18)	M20	(M22) M24
	HIGH TENSION	M8		M10	M12	(M14)	M16	(M18)
MAX. HAND FORCE [N]		238	227	339	397	449	424	442
DIMENSION [mm]	EFFECTIVE LENGTH L	210	220	295	353	445	660	950
	OVERALL LENGTH L'	230	235	310	370	455	655	940
	HEAD	d3	12	15		19	22	
	BODY	m	25.5	28		35	38.6	
		n	11.2	12.2		15	16.1	
		d	20	21.7		27.2	30	
		D	38.5	40		51.5	45	
WEIGHT[kg]		0.37		0.52	0.67	1.2	1.8	3.1

Accuracy ±3%						
S.I.MODEL			CLE550N2X27D	CLE750N2X27D	CLE850N2X32D	CLE1200N2X32D
TORQUE RANGE [N • m]	MIN. ~ MAX.		100 ~ 550	150 ~ 750	200 ~ 850	300 ~ 1200
	GRAD.			5		
METRIC MODEL			5500CLE2	7500CLE2	8500CLE2	12000CLE2
TORQUE RANGE [kgf • m]	MIN. ~ MAX.		10 ~ 55	15 ~ 75	20 ~ 85	30 ~ 120
	GRAD.			0.5		
AMERICAN MODEL			CLE400FX27D	CLE550FX27D	CLE600FX32D	CLE900FX32D
TORQUE RANGE [lbf • ft]	MIN. ~ MAX.		100 ~ 400	150 ~ 550	150 ~ 600	200 ~ 900
	GRAD.			5		
APPLICABLE BOLT	COMMON STEEL		M24	(M27)	M30	(M33)
	HIGH TENSION		M20	(M22)	M24	(M27)
MAX. HAND FORCE [N]			464.1	564.8	623.2	794.2
DIMENSION [mm]	EFFECTIVE LENGTH	L	1185	1328	1364	1511
	OVERALL LENGTH	L'	1148	1291	1297	1464
	HEAD	d3	27		32	
	BODY	m	42	44		52
		n	18		20	
		d	33	34		40
		D	27.2	30		
		ℓ0	802	849	855	971
		ℓ1	60		80	
ℓ2		426	524		625	
WEIGHT[kg]			3.9	4.9	5.1	7.6

Notes

If metal handle is desired, please see Model CL-MH page.

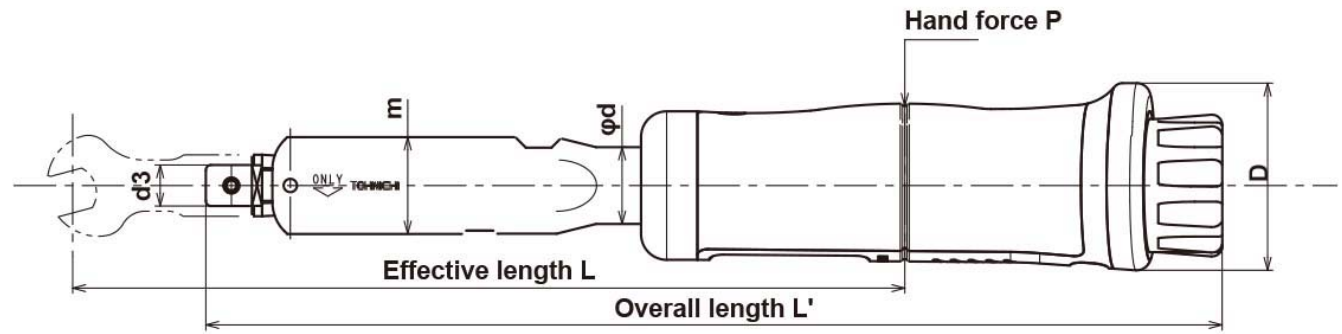
Overall length does not include interchangeable head.

Interchangeable heads are sold separately.

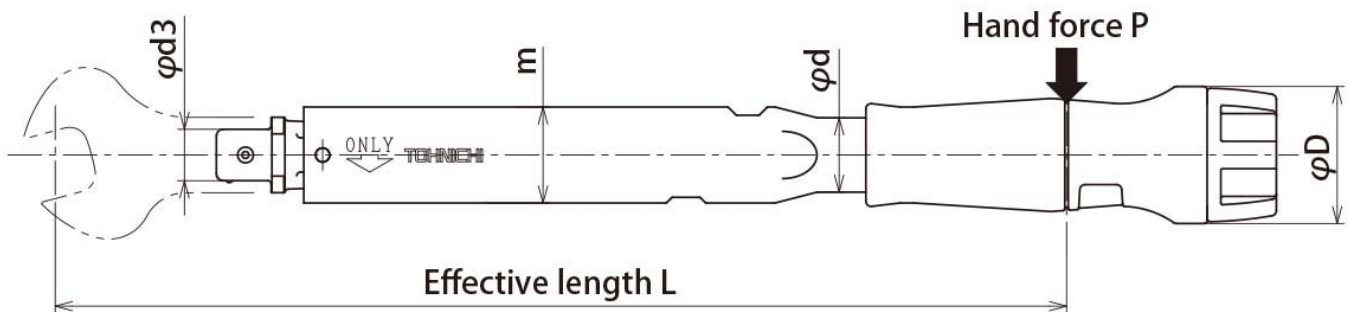
PH type interchangeable head is not available for this model.

For CL/CLE with limit switch, [click here](#).

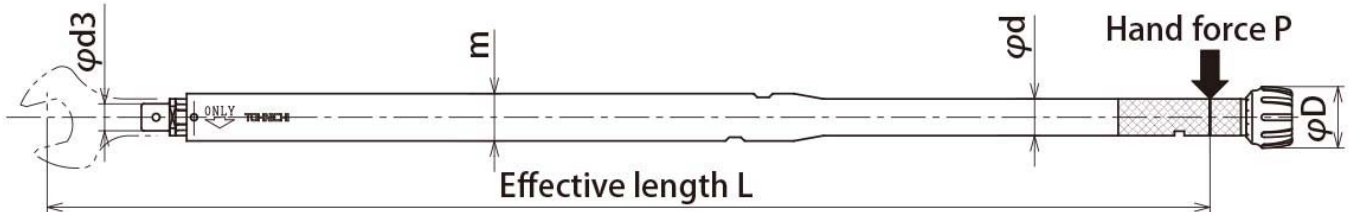
Dimensions



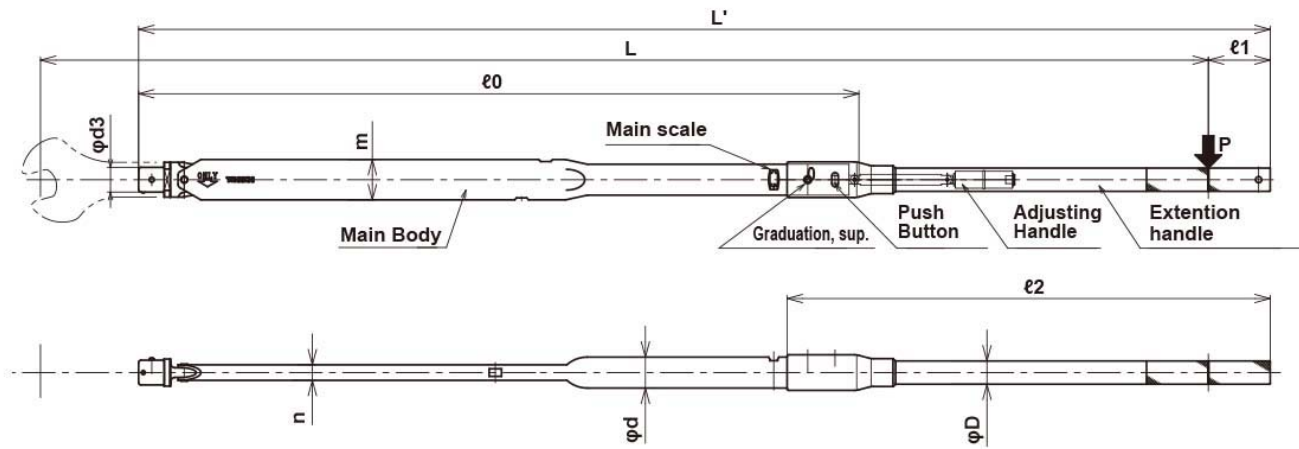
CL2N ~ 25N5



CL50N ~ 280N



CL420N



CLE550N2 ~ 1200N2

Accessories



**Interchangeable
Heads**



Sockets



Carrying Case