

CL/CLE2

Interchangeable Head Type Adjustable Torque Wrench

Assembly **Adjustable** **Interchangeable** **Graduation** **RoHS**

Direction



- Heads types can be easily exchanged.
- Torque value easily set with external scale and knob



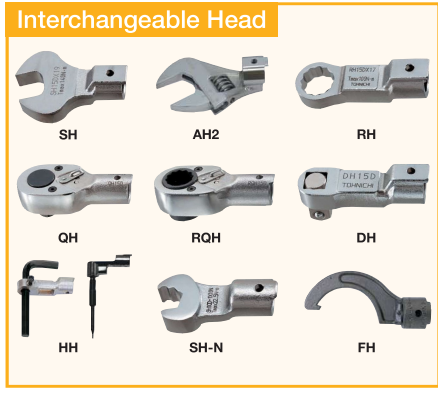
CL2N×8D



CLE850N2×32D

CL100N×15D

Accuracy ±3%



CL/CL-MH Optional Accessories



842

846

Carrying Case (P.46)

Part #	Applicable Model Dimension [mm]
842	CL50N×(12D/15D), CL50N×(12D/15D)-MH, CL100N×15D-MH (H60 × W400 × D70)
843	CL140N×15D-(MH), CL200N×19D-(MH) (H60 × W520 × D80)
846	CL200N×19D, CL200N×19D and below (H170 × W500 × D100)
847	CL280N×22D, CL280N×22D-MH and below (H170 × W740 × D100)



862



863



864

Color Cap

Part #	Color	Applicable Model
862	Red	CL2N×8D, CL5N×8D CL10N×8D, CL15N×8D CL25N5×10D
863	Blue	
864	Green	
865	Black	

Tohnichi Head Size	S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm/kgf·m]		American Model	Torque Range [lbf·in/lbf·ft]		Overall Length [mm]	Weight [kg]
		Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.		
8D	CL	N-m	N-m		kgf-cm	kgf-cm		lbf-in	lbf-in	174	0.24
	CL2N×8D	0.4-2	0.02	20CL	4-20	0.2	CL15L×8D	3-15	0.1		
	CL5N×8D	1-5	0.05	50CL	10-50	0.5	CL30L×8D	6-30	0.2		
	CL10N×8D	2-10	0.1	100CL	20-100	1	CL50L×8D	10-50	0.5		
10D	CL15N×8D	3-15		150CL	30-150		CL100L×8D	20-100		199	0.26
	CL25N5×10D	5-25	0.2	225CL5	50-250	2.5	CL200L×10D	50-200	2.5		
12D	CL50N×12D			450CL3			450CL3-A	100-400		230	0.37
	CL50N×15D	10-50	0.5	500CL3	100-500	5	500CL3-A	100-450	5		
15D	CL100N×15D	20-100		900CL3	200-1000		900CL3-A	200-800	10	310	0.52
	CL140N×15D	30-140	1	1400CL3	300-1400	10	1400CL3-A	30-100	1		
19D	CL200N×19D	40-200		1800CL3	400-2000	20	1800CL3-A	30-150		455	1.2
22D	CL280N×22D	40-280	2	2800CL3	4-28	kgf-m	2800CL3-A	30-200	2	655	1.8
	CL420N×22D	60-420		4200CL2	6-42	kgf-m	4200CL2-A	60-300			
27D	CLE2	N-m	N-m		kgf-m	kgf-m		lbf-ft	lbf-ft	1148	3.9
	CLE550N2×27D	100-550		5500CLE2	10-55		CLE400F×27D	100-400			
32D	CL750N2×27D	150-750		7500CLE2	15-75		CLE550F×27D	150-550		1291	4.9
	CLE850N2×32D	200-850	5	8500CLE2	20-85	0.5	CLE600F×32D	150-600	5		
	CLE1200N2×32D	300-1200		12000CLE2	30-120		CLE900F×32D	200-900			

- Note**
1. Overall length does not include interchangeable head. Interchangeable heads are optional.
 2. Use CSP model (P.19) for PH (Pipe wrench head) type interchangeable head.
 3. CL2N - CL25N5 are yellow/black resin grips. CL50N - CL280N are black resin grips.
 4. CL420N and CLE550N2-CLE1200N2 are knurled handles.

Standard Accessories Adjusting handle (for CLE550N2-CLE1200N2)

CLLS

RoHS

- CL style with Limit Switch output
- Ideal for torque verification (Pokayoke) assembly processes

S.I. Model	Metric Model
CLMS2N×8D-MH	20CLMS-MH
CLMS5N×8D-MH	50CLMS-MH
CLMS10N×8D-MH	100CLMS-MH
CLMS10N×8D	100CLMS
CLMS15N×8D	150CLMS
CLMS15N×8D-MH	150CLMS-MH
CLLS25N5×10D	225CL5LS
CLLS50N×12D	450CL3LS
CLLS100N×15D	900CL3LS
CLLS140N×15D	1400CL3LS
CLLS200N×19D	1800CL3LS
CLLS280N×22D	2800CL3LS
CLLS420N×22D	4200CL2LS

POKA Patrol (Count Checker) CNA-4mk3

Refer to page 31.



* Sold separately

CL-MH

Interchangeable Head Type Adjustable Torque Wrench with Metal Handle

Direction



Assembly **Adjustable** **Interchangeable** **Graduation** **RoHS**

- Knurled metal handle version of CL
- Ideal for oily working conditions



CL100N×15D-MH



CL5N×8D-MH

Tohnichi Head Size	S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm/kgf·m]		American Model	Torque Range [lbf·in]		Overall Length [mm]	Weight [kg]
		Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.		
8D	CL	N-m	N-m		kgf-cm	kgf-cm		lbf-in	lbf-in	140	0.13
	CL2N×8D-MH	0.4-2	0.02	20CL-MH	4-20	0.2	CL15L×8D-MH	3-15	0.1		
	CL5N×8D-MH	1-5	0.05	50CL-MH	10-50	0.5	CL30L×8D-MH	6-30	0.2		
	CL10N×8D-MH	2-10	0.1	100CL-MH	20-100	1	CL50L×8D-MH	10-50	0.5		
10D	CL15N×8D-MH	3-15		150CL-MH	30-150		CL100L×8D-MH	20-100	1	175	0.16
	CL25N×10D-MH	5-25	0.25	225CL-MH	50-250	2.5	-	-	-		
12D	CL50N×12D-MH			450CL-MH			-	-	-	230	0.37
	CL50N×15D-MH	10-50	0.5	500CL-MH	100-500	5	-	-	-		
15D	CL100N×15D-MH	20-100	1	900CL-MH	200-1000	10	-	-	-	310	0.52
	CL140N×15D-MH	30-140		1400CL-MH	300-1400		-	-	-		
19D	CL200N×19D-MH	40-200		1800CL-MH	400-2000	20	-	-	-	455	1.2
22D	CL280N×22D-MH	40-280	2	2800CL-MH	4-28	kgf-m	-	-	-	655	1.6

- Note**
1. Overall length does not include interchangeable head.
 2. Use CSP model (P.19) for PH (Pipe wrench head) type interchangeable head is not available for this model.
 3. Interchangeable heads are optional.

Torque Wrench for Assembly