

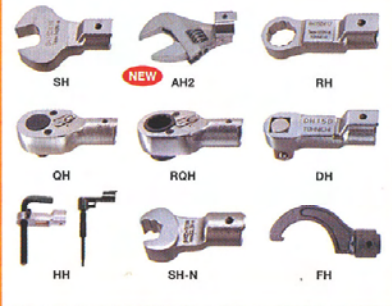
CL/CLE

Interchangeable Head Type Adjustable Torque Wrench

Direction



Interchangeable Head



CL/CL-MH Optional Accessories



Carrying Case (P.44)

Part #	Applicable Model Dimension [mm]
842	CL50Nx(12D/15D), CL50Nx(12D/15D)-MH, CL100Nx15D-MH (H60 x W400 x D70)
843	CL140Nx15D(-MH), CL200Nx19D(-MH) (H60 x W520 x D80)
846	CL200Nx19D, CL200Nx19D and below (H170 x W500 x D100)
847	CL280Nx22D, CL280Nx22D-MH and below (H170 x W740 x D100)

CLE Optional Accessories

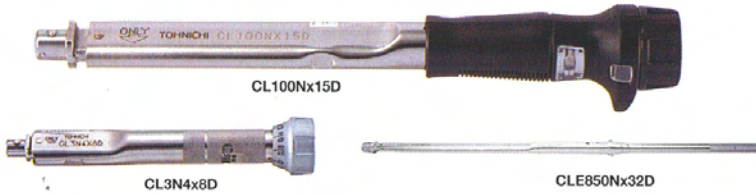


Adjusting Tool for CLE (P.44)

Part #	Applicable Model
301	CLE550N-1200N

Assembly Adjustable Interchangeable Graduation RoHS

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



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 [g]
		Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.		
					kgf-cm	kgf-m		lbf-in	lbf-ft		
8D	CL1.5N4x8D	0.3-1.5	0.01	15CL4	3-15	0.1	15CL4-A	3-15	0.1	140	0.13
	CL3N4x8D	0.6-3	0.02	30CL4	6-30	0.2	30CL4-A	6-30	0.2	175	0.16
	CL6N4x8D	1-6	0.05	60CL4	10-60	0.5	60CL4-A	10-50	0.5		
	CL12N4x8D	2-12	0.1	120CL4	20-120	1	120CL4-A	20-100	1		
10D	CL25Nx10D	5-25	0.25	225CL3	50-250	2.5	225CL3-A	50-200	2.5	200	0.22
	CL50Nx12D	10-50		450CL3	100-500		450CL3-A	100-400		230	
12D	CL50Nx15D	10-50	0.5	500CL3	100-500	5	500CL3-A	100-450	5	235	0.37
15D	CL100Nx15D	20-100		900CL3	200-1000		900CL3-A	15-75	1	310	0.52
	CL140Nx15D	30-140	1	1400CL3	300-1400	10	1400CL3-A	30-100	1	370	0.67
19D	CL200Nx19D	40-200		1800CL3	400-2000	20	1800CL3-A	30-150		455	1.2
22D	CL280Nx22D	40-280		2800CL3	4-28	0.2	2800CL3-A	30-200	2	655	1.8
	CL420Nx22D	60-420	2	4200CL2	6-42		4200CL2-A	60-300		940	3.1
27D	CLE550Nx27D	100-550		5500CLE	10-55		5500CLE-A	100-400		1140	4.7
	CLE750Nx27D	100-750	5	7500CLE	10-75	0.5	7500CLE-A	100-550	5	1310	7.0
32D	CLE850Nx32D	200-850		8500CLE	20-85		8500CLE-A	150-600		1315	6.5
	CLE1200Nx32D	300-1200	10	12000CLE	30-120	1	12000CLE-A	200-860	10	1460	8.5

- Note
1. Overall length does not include interchangeable head. Interchangeable heads are optional.
 2. PH (Pipe wrench head) type interchangeable head is not available for this model.
 3. CL1.5N4-CL12N4, CL420N, CLE550N-CLE1200N have knurled handles.
 4. CL25N-CL280N have resin grips.

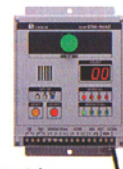
Standard Accessories Adjusting tool (for CLE550N-CLE1200N)

CLLS RoHS

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

S.I. Model	Metric Model
CLMS12N4x8D	120CL4MS
CLLS25Nx10D	225CL3LS
CLLS50Nx12D	450CL3LS
CLLS50Nx15D	500CL3LS
CLLS100Nx15D	900CL3LS
CLLS140Nx15D	1400CL3LS
CLLS200Nx19D	1800CL3LS
CLLS280Nx22D	2800CL3LS
CLLS420Nx22D	4200CL2LS

POKA Patrol (Count Checker)
CNA-4mk2



* Sold separately

CL-MH

Interchangeable Head Type Adjustable Torque Wrench with Metal Handle

Direction



CL100Nx15D-MH

Assembly Adjustable Interchangeable Graduation RoHS

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

Tohnichi Head Size	S.I. Model	Torque Range [N-m]		Metric Model	Torque Range [kgf-cm/kgf-m]		Overall Length [mm]	Weight [g]
		Min.-Max.	Grad.		Min.-Max.	Grad.		
					kgf-cm	kgf-m		
10D	CL25Nx10D-MH	5-25	0.25	225CL-MH	50-250	2.5	200	0.22
	CL50Nx12D-MH	10-50	0.5	450CL-MH	100-500	5	235	0.37
CL50Nx15D-MH	10-50	500CL-MH		100-500				
15D	CL100Nx15D-MH	20-100	1	900CL-MH	200-1000	10	310	0.52
	CL140Nx15D-MH	30-140		1400CL-MH	300-1400		370	0.67
19D	CL200Nx19D-MH	40-200		1800CL-MH	400-2000	20	455	1.2
22D	CL280Nx22D-MH	40-280	2	2800CL-MH	4-28	0.2	655	1.6

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

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CSP Interchangeable Head Type Preset Torque Wrench

Direction



CSP Optional Accessories

Thrusting Tool (P.44)

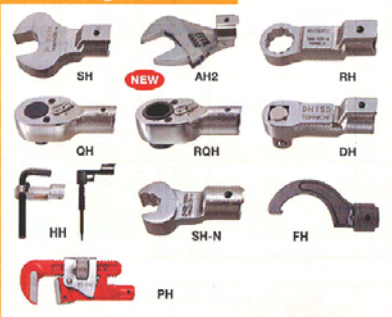
Part #	Tool #	Applicable Model
310	A-1	1.5N-6N
311	A-2	12N, 25N
312	A-3	50N-140N
313	A-4	200N-280N
314	A-5	420N

CSP Optional Accessories

Adjusting Tool (P.44)

Part #	Applicable Model
931	CSP1.5N4-12N4, 25N3 (-MH)
930	CSP50N3 (-MH)-280N3 (-MH)
314	CSP420N

Interchangeable Head



Assembly Preset Interchangeable RoHS

- Interchangeable head version of QSP
- No external scale, Torque value set using key & tester



CSP100N3x15D

Accuracy ±3%

Tohnichi Head Size	Model	Torque Range			Overall Length [mm]	Weight [kg]
		[N-m] Min.-Max.	[kgf-cm/kgf-m] Min.-Max.	[lbf-in] Min.-Max.		
8D	CSP1.5N4x8D	0.3-1.5	kgf-cm 3-15	3-13	130	0.2
	CSP3N4x8D	0.6-3	6-30	6-25		
	CSP6N4x8D	1-6	10-60	10-50	165	
	CSP12N4x8D	2-12	20-120	20-100		
10D	CSP25N3x10D	5-25	50-250	50-200	195	0.3
12D	CSP50N3x12D	10-50	100-500	100-400	215	
15D	CSP50N3x15D	10-50	100-500	100-400	220	0.45
	CSP100N3x15D	20-100	200-1000	100-750	290	
	CSP140N3x15D	30-140	300-1400	300-1000	350	
19D	CSP200N3x19D	40-200	400-2000	350-1600	430	1.0
			kgf-m 4-28	350-2500	625	1.4
22D	CSP280N3x22D	40-280	4-28	350-2500	625	1.4
	CSP420N3x22D	60-420	6-42	600-3600	920	2.7

- Note
1. Overall length does not include interchangeable head.
 2. Adjusting tools for CSP and CSP3/CSP4 are different. (see Optional Accessories)
 3. Interchangeable heads are optional.
 4. A torque wrench tester is necessary for torque setting. Please specify required set torque when you order (Ex. CSP100N3x15D x 80N-m)

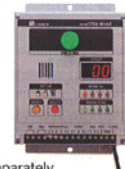
CSPLS

RoHS

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

Model
CSPMS12N4x8D
CSPLS25N3x10D
CSPLS50N3x12D
CSPLS50N3x15D
CSPLS100N3x15D
CSPLS140N3x15D
CSPLS200N3x19D
CSPLS280N3x22D
CSPLS420N3x22D

POKA Patrol (Count Checker)
CNA-4mk2



* Sold separately

CSP-MH Interchangeable Head Type Preset Torque Wrench with Metal Handle

Direction



NEW



CSP100N3x15D-MH

Assembly Interchangeable Preset RoHS

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

Model	Torque Range			Overall Length [mm]	Weight [kg]
	[N-m] Min.-Max.	[kgf-cm] Min.-Max.	[lbf-in] Min.-Max.		
CSP25N3x10D-MH	5-25	50-250	50-200	195	0.2
CSP50N3x12D-MH	10-50	100-500	100-400	215	0.3
CSP50N3x15D-MH				220	
CSP100N3x15D-MH	20-100	200-1000	100-750	290	0.45
CSP140N3x15D-MH	30-140	300-1400	300-1000	350	0.55

- Note
1. A torque wrench tester is necessary for torque adjustment. Please specify required set torque when you order. (Ex. CSP100N3x15D-MH x 80N-m)
 2. Adjusting tools for CSP-MH are sold separately.
 3. Sockets are sold separately. Refer to page 39.

BCSP5 Bi-Directional Interchangeable Head Type Preset Torque Wrench

Direction



NEW



BCSP100N5x15D

Assembly Preset Interchangeable Bi-Directional RoHS

- Click for both CW & CCW applications
- Specialized version of CSP

Tohnichi Head Size	Model	Torque Range			Overall Length [mm]	Weight [kg]
		[N-m] Min.-Max.	[kgf-cm/kgf-m] Min.-Max.	[lbf-in] Min.-Max.		
10D	BCSP25N5x10D	5-25	kgf-cm 50-250	50-200	195	0.20
12D	BCSP50N5x12D	10-50	100-500	100-400	215	0.23
	BCSP50N5x15D	10-50	100-500	100-400	220	
15D	BCSP100N5x15D	20-100	200-1000	100-750	290	0.57
	BCSP140N5x15D	30-140	300-1400	300-1000	350	0.62
19D	BCSP200N5x19D	40-200	400-2000	350-1600	430	1.2
22D	BCSP280N5x22D	40-280	kgf-m 4-28	350-2500	625	2.0
	BCSP420N5x22D	60-420	6-42	600-3600	920	3.7

- Note
1. Initial torque setting is required at our factory. Please specify required set torque when you order (Ex. BCSP100N5x15D x 80N-m)
 2. Overall length does not include interchangeable head. Interchangeable heads are optional.
 3. BCSP25N5x10D-BCSP140N5x15D have resin grips.
 4. BCSP200N5x19D-BCSP420N5x22D have knurled handles.
 5. Adjusting tools for BCSP5 are sold separately.
 6. Sockets are sold separately. Refer to page 39.

Phone 0800 48 2000

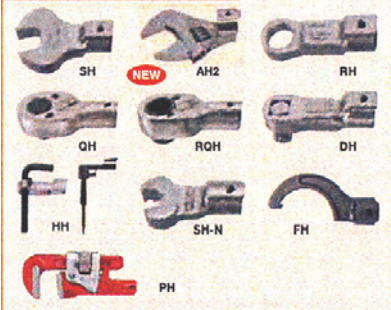
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PCL Interchangeable Head Type Pre-Lock Torque Wrench

Direction



Interchangeable Head



Assembly Pre-Lock Graduation **RoHS**

- Interchangeable head version of PQL
- External scale but requires hex key to set



PCL100Nx15D

Tohnichi Head Size	S.I. Model	Torque Range [N-m]			Metric Model	Torque Range [kgf-cm]		American Model		Torque Range [lbf-in/lbf-ft]		Overall Length [mm]	Weight [kg]
		Min.-Max.	Grad.	Min.-Max.		Grad.	Min.-Max.	Grad.	lbf-in				
									lbf-in	lbf-ft			
8D	PCL6N4x8D	1-6	0.05	60PCL4	10-60	0.5	60PCL4-A	10-50	0.5	170	0.16		
	PCL12N4x8D	2-12	0.1	120PCL4	20-120	1	120PCL4-A	20-100	1	195	0.22		
10D	PCL25N10D	5-25	0.25	225PCL	50-250	2.5	225PCL-A	50-200	2.5	220	0.32		
12D	PCL50N12D	10-50	0.5	450PCL	100-500	5	450PCL-A	100-400	5	225	0.32		
	PCL50N15D	10-50		500PCL	100-500		500PCL-A	100-450					
15D	PCL100N15D	20-100	1	900PCL	200-1000	10	900PCL4-A	15-75	1	295	0.48		
	PCL140N15D	30-140		1400PCL	300-1400		1400PCL-A	30-100		355	0.63		
19D	PCL200N19D	40-200	2	1800PCL	400-2000	20	1800PCL-A	30-130	2	435	1.3		

Accuracy ±3%

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

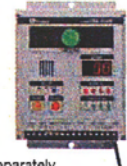
Standard Accessories Hex key (for torque adjustment)

PCLLS **RoHS**

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

S.I. Model	Metric Model
PCLLS25N10D	225PCLLS
PCLLS50N12D	450PCLLS
PCLLS50N15D	500PCLLS
PCLLS100N15D	900PCLLS
PCLLS140N15D	1400PCLLS
PCLLS200N19D	1800PCLLS

POKA Patrol (Count Checker)
CNA-4mk2



* Sold separately

SCL European Style Interchangeable Head Type Adjustable Torque Wrench

Direction



SCL50N-9x12

Assembly Adjustable Graduation **RoHS**

- Specialized version of CL
- Accepts DIN interchangeable head connection

S.I. Model	Torque Range [N-m]		Head Size [mm]	Overall Length [mm]	Weight [kg]
	Min.-Max.	Grad.			
SCL25N-9x12	5-25	0.25	9x12	215	0.22
SCL50N-9x12	10-50	0.5	9x12	239	0.37
SCL100N-9x12	20-100	1	9x12	313	0.52
SCL200N-14x18	40-200	2	14x18	464	1.2

Accuracy ±3%

- Note**
1. Overall length does not include interchangeable head.
 2. Applicable to European style head only. Tohnichi's interchangeable heads are not available for this model.

SCSP European Style Interchangeable Head Type Preset Torque Wrench

Direction



SCSP50N-9x12

Assembly Preset **RoHS**

- Accepts DIN interchangeable head connection
- Specialized version of CSP

Model	Torque Range		Head Size [mm]	Overall Length [mm]	Weight [kg]
	[N-m] Min.-Max.	[kgf-cm] Min.-Max.			
SCSP25N-9x12	5-25	50-250	9x12	204	0.15
SCSP50N-9x12	10-50	100-500	9x12	230	0.3
SCSP100N-9x12	20-100	200-1000	9x12	302	0.45
SCSP200N-14x18	40-200	400-2000	14x18	434	1

Accuracy ±3%

- Note**
1. Overall length does not include interchangeable head.
 2. Applicable to European style head only. Tohnichi's interchangeable heads are not available for this model.

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