

CL/CLE2

Interchangeable Head Type Adjustable Torque Wrench

Assembly Adjustable Interchangeable Graduation RoHS

Direction



- Interchangeable Head can be easily exchanged.
- Torque value easily set with external scale and knob



CL2N x 8D

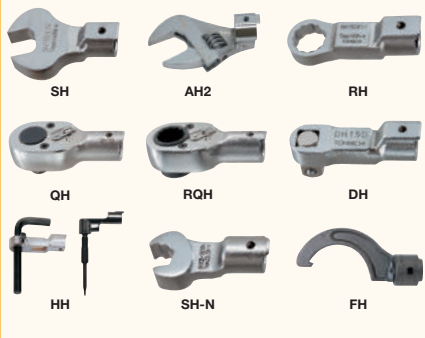


CLE850N2 x 32D



CL100N x 15D

Interchangeable Head



CL/CL-MH Optional Accessories



842



846

Carrying Case (P.46)

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



879



880



881

Color Cap

| Part # | Color | Applicable Model |
|--------|-------|---|
| 879 | Red | CL2N x 8D, CL5N x 8D CL10N x 8D, CL15N x 8D CL25N x 10D |
| 880 | Blue | |
| 881 | Green | |
| 882 | 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 | 20CL | kgf-cm | kgf-cm | CL15I x 8D | lbf-in | lbf-in | 174 | 0.24 |
| | CL2N x 8D | 0.4-2 | 0.02 | 4-20 | 0.2 | CL15I x 8D | 3-15 | 0.1 | | | |
| | CL5N x 8D | 1-5 | 0.05 | 50CL | 10-50 | 0.5 | CL30I x 8D | 6-30 | 0.2 | | |
| | CL10N x 8D | 2-10 | 0.1 | 100CL | 20-100 | 1 | CL50I x 8D | 10-50 | 0.5 | | |
| 10D | CL15N x 8D | 3-15 | 0.15 | 150CL | 30-150 | 1.5 | CL100I x 8D | 20-100 | 1 | 199 | 0.26 |
| | CL25N x 10D | 5-25 | 0.2 | 225CL5 | 50-250 | 2.5 | CL200I x 10D | 50-200 | 2.5 | | |
| 12D | CL50N x 12D | 10-50 | 0.5 | 450CL3 | 100-500 | 5 | 450CL3-A | 100-400 | 5 | 230 | 0.37 |
| | CL50N x 15D | 10-50 | 0.5 | 500CL3 | 100-500 | 5 | 500CL3-A | 100-450 | 5 | | |
| 15D | CL100N x 15D | 20-100 | 1 | 900CL3 | 200-1000 | 10 | 900CL3-A | 200-800 | 10 | 310 | 0.52 |
| | CL140N x 15D | 30-140 | 1 | 1400CL3 | 300-1400 | 14 | 1400CL3-A | 30-100 | 1 | | |
| 19D | CL200N x 19D | 40-200 | 2 | 1800CL3 | 400-2000 | 20 | 1800CL3-A | 30-150 | 1 | 455 | 1.2 |
| | CL280N x 22D | 40-280 | 2 | 2800CL3 | 4-28 | kgf-m | 2800CL3-A | 30-200 | 2 | | |
| 22D | CL420N x 22D | 60-420 | 2 | 4200CL2 | 6-42 | kgf-m | 4200CL2-A | 60-300 | 2 | 940 | 3.1 |
| | CLE2 | N-m | N-m | 5500CLE2 | 10-55 | kgf-m | CLE400F x 27D | 100-400 | 1 | | |
| 27D | CLE550N2 x 27D | 100-550 | 5 | 7500CLE2 | 15-75 | kgf-m | CLE550F x 27D | 150-550 | 5 | 1148 | 3.9 |
| | CLE750N2 x 27D | 150-750 | 5 | 8500CLE2 | 20-85 | kgf-m | CLE600F x 32D | 150-600 | 5 | | |
| 32D | CLE850N2 x 32D | 200-850 | 5 | 12000CLE2 | 30-120 | kgf-m | CLE900F x 32D | 200-900 | 5 | 1291 | 4.9 |
| | CLE1200N2 x 32D | 300-1200 | 5 | 12000CLE2 | 30-120 | kgf-m | CLE900F x 32D | 200-900 | 5 | | |

- Note
1. Overall length does not include interchangeable head. Interchangeable heads are optional.
 2. PH type interchangeable head/p.45 is not applicable.
 3. CL2N - CL25N5 are yellow/black resin grips. CL50N - CL280N are black resin grips.
 4. CL420N and CLE550N2-CLE1200N2 are knurled handles.
 5. CLE2 models with built-in Adjusting Handle

CLLS RoHS

- CL style with Limit Switch output
- Wired Error-Proofing, Pokayoke, system for assembly processes

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

POKA Patrol, Count Checker CNA-4mk3

Refer to page 28.



* Sold separately

CL-MH

Interchangeable Head Type Adjustable Torque Wrench with Metal Handle

Assembly Adjustable Interchangeable Graduation RoHS

Direction



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



CL100N x 15D-MH



CL5N x 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 | 20CL-MH | kgf-cm | kgf-cm | CL15I x 8D-MH | lbf-in | lbf-in | 140 | 0.13 |
| | CL2N x 8D-MH | 0.4-2 | 0.02 | 4-20 | 0.2 | CL30I x 8D-MH | 3-15 | 0.1 | | | |
| | CL5N x 8D-MH | 1-5 | 0.05 | 50CL-MH | 10-50 | 0.5 | CL30I x 8D-MH | 6-30 | 0.2 | | |
| | CL10N x 8D-MH | 2-10 | 0.1 | 100CL-MH | 20-100 | 1 | CL50I x 8D-MH | 10-50 | 0.5 | | |
| 10D | CL15N x 8D-MH | 3-15 | 0.15 | 150CL-MH | 30-150 | 1.5 | CL100I x 8D-MH | 20-100 | 1 | 175 | 0.16 |
| | CL25N x 10D-MH | 5-25 | 0.25 | 225CL-MH | 50-250 | 2.5 | - | - | - | | |
| 12D | CL50N x 12D-MH | 10-50 | 0.5 | 450CL-MH | 100-500 | 5 | - | - | - | 200 | 0.22 |
| | CL50N x 15D-MH | 10-50 | 0.5 | 500CL-MH | 100-500 | 5 | - | - | - | | |
| 15D | CL100N x 15D-MH | 20-100 | 1 | 900CL-MH | 200-1000 | 10 | - | - | - | 230 | 0.37 |
| | CL140N x 15D-MH | 30-140 | 1 | 1400CL-MH | 300-1400 | 14 | - | - | - | | |
| 19D | CL200N x 19D-MH | 40-200 | 2 | 1800CL-MH | 400-2000 | 20 | - | - | - | 310 | 0.52 |
| | CL280N x 22D-MH | 40-280 | 2 | 2800CL-MH | 4-28 | kgf-m | - | - | - | | |
| 22D | CL420N x 22D-MH | 60-420 | 2 | 4200CL2-MH | 6-42 | kgf-m | - | - | - | 455 | 1.2 |
| | CL280N x 22D-MH | 40-280 | 2 | 2800CL-MH | 4-28 | kgf-m | - | - | - | | |

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