

TOHNICHI Major Product Line

Torque Wrenches
Torque Screwdrivers
Torque Measuring Instruments



Your Torque Partner  **TOHNICHI**

Adjustable Click Type Torque Wrench



Ratchet Head QL/QL-MH



QL50N to QL280N



QL-MH, QL420N



QL2N to QL25N5

Accuracy +/- 3%			
Model	Model	Range [N•m]	S.D.
QL2N	QL2N-MH	0.4-2	1/4
QL5N	QL5N-MH	1-5	
QL10N	QL10N-MH	2-10	
QL15N	QL15N-MH	3-15	
QL25N5-1/4	-	5-25	3/8
QL25N5	QL25N-MH		
QL50N	QL50N-MH	10-50	1/2
QL100N4-3/8	-	20-100	
QL100N4	QL100N4-MH	30-140	3/4
QL140N	QL140N-MH		
QL200N4	QL200N4-MH	40-200	
QL280N-1/2	-	40-280	
QL280N	QL280N-MH		
QL420N	-	60-420	

Adjustable Click Type Torque Wrench



Interchangeable Head CL/CL-MH



CL50NX12D to CL280NX22D



CL-MH, CL420NX22D



CL2NX8D to CL25N5X10D

		Accuracy +/- 3%	
Model	Model	Range [N·m]	S.D.
CL2NX8D	CL2NX8D-MH	0.4-2	1/4
CL5NX8D	CL5NX8D-MH	1-5	
CL10NX8D	CL10NX8D-MH	2-10	3/8
CL15NX8D	CL15NX8D-MH	3-15	
CL25N5X10D	CL25N5X10D-MH	5-25	1/2
CL50NX12D	CL50NX12D-MH	10-50	
CL50NX15D	CL50NX15D-MH	20-100	3/4
CL100NX15D	CL100NX15D-MH		
CL140NX15D	CL140NX15D-MH	30-140	1/2
CL200NX19D	CL200NX19D-MH	40-200	
CL280NX22D	CL280NX22D-MH	40-280	3/4
CL420NX22D	-	60-420	

Adjustable Click Type Torque Wrench



Ratchet Head QLE2



QLE2100N2



CLE550N2X27D



QLE and Extension

Interchangeable Head CLE2

		Accuracy +/- 3%	
Model	S.D.	Model	Range [N·m]
QLE550N2	3/4	CLE550N2X27D	100-550
QLE750N2		CLE750N2X27D	150-750
-	1	CLE850N2X32D	200-850
QLE1000N2		-	200-1000
-	1-1/2	CLE1200N2X32D	300-1200
QLE1400N2		-	300-1400
QLE2100N2	1-1/2	-	500-2100
QLE2800N2		-	800-2800

Dial Indicating Torque Wrench



Standard direct reading

DB Fixed Sq. Drive

CDB Interchangeable Head



DB100N-S



CDB100NX15D-S

		Accuracy +/- 3%	
Model	S.D.	Model	Range [N·m]
DB1.5N4-S	1/4	-	0.2-1.5
DB3N4-S		-	0.3-3
DB6N4-S		-	0.6-6
-		CDB7N4X8D-S	0.7-7
-	3/8	CDB14N4X8D-S	2-14
DB12N4-S		-	1-12
DB25N-1/4-S	1/2	CDB25NX10D-S	3-25
DB25N-S		CDB50NX12D-S	5-50
DB100N4-3/8-S	3/4	CDB100NX15D-S	10-100
DB100N-S		CDB200NX19D-S	20-200
DB200N-S	1-1/2	-	30-280
DB280N-1/2-S		-	-
DB280N-S	3/4	CDB300NX22D-S	30-300
-		CDB420NX22D-S	40-420

Dial Indicating Torque Wrench



Standard direct reading

DBE/DBR Fixed Sq. Drive



DBE2100N-S



DBE and Extension

				Accuracy +/- 3%	
Model	S.D.	Range [N·m]	Model	S.D.	Range [N·m]
DBE560N-S	3/4	50-560	DBE1400N-S	1	200-1400
DBE700N-S		70-700	DBE2100N-S		200-2100
DBE850N-S	1	100-850	DBE2800N-S	1-1/2	300-2800
DBE1000N-S		100-1000	DBR4500N-S		kN·m 0.5-4.5
			DBR6000N-S	1-3/4	kN·m 0.6-6

Adjustable Click Type Torque Wrench



Ratchet Head QLE2



QLE2100N2



CLE550N2X27D



QLE and Extension

Interchangeable Head CLE2

		Accuracy +/- 3%	
Model	S.D.	Model	Range [N·m]
QLE550N2	3/4	CLE550N2X27D	100-550
QLE750N2		CLE750N2X27D	150-750
-	1	CLE850N2X32D	200-850
QLE1000N2		-	200-1000
-	1-1/2	CLE1200N2X32D	300-1200
QLE1400N2		-	300-1400
QLE2100N2	1-1/2	-	500-2100
QLE2800N2		-	800-2800

Digital Torque Wrench



Multi function digital indicating type

CEM3-G Interchangeable Head



CEM100N3X15D-G



CEM20N3X10D-G

		Accuracy +/- 1%	
Model	Range [N·m]	Range [kgf·m]	Range [lb·ft]
CEM10N3X8D-G	2-10	0.2-1	1.5-7.3
CEM20N3X10D-G	4-20	0.4-2	3-14.5
CEM50N3X12D-G	10-50	1-5	7.5-36
CEM100N3X15D-G	20-100	2-10	15-73
CEM200N3X19D-G	40-200	4-20	30-150
CEM360N3X22D-G	72-360	7.2-36	52-260
CEM500N3X22D-G	100-500	10-50	73-360
CEM850N3X32D-G	170-850	17-85	124-620

Preset Click Type Torque Wrench



Ratchet Head QSP/QSP-MH



QSP1.5N4 to QSP140N3



QSP-MH, QSP200N4 to QSP420N



CSP1.5N4X8D to CSP140N3X15D



CSP-MH, CSP200N3X19D to CSP280N3X22D

Interchangeable Head CSP/CSP-MH

		Accuracy +/- 3%	
Model	S.D.	Model	Range [N·m]
QSP1.5N4	1/4	CSP1.5N4X8D	0.3-1.5
QSP3N4		CSP3N4X8D	0.6-3
QSP6N4		CSP6N4X8D	1-6
QSP12N4		CSP12N4X8D	2-12
QSP25N3-1/4	3/8	-	5-25
QSP25N3		CSP25N3X10D	-MH
QSP50N3	1/2	CSP50N3X12D	10-50
QSP100N4-3/8		CSP50N3X15D	-MH
QSP100N4	3/4	CSP100N3X15D	20-100
QSP140N3		CSP140N3X15D	30-140
QSP200N4	1-1/2	CSP200N3X19D	40-200
QSP280N3-1/2		-	40-280
QSP280N3	3/4	CSP280N3X22D	40-280
QSP420N		-	60-420

Beam Type Torque Wrench



Classic style direct reading

SF/F



SF40CN



SF6N

		Accuracy +/- 3%	
Model	S.D.	Range [cN·m]	Range [N·m]
SF40CN	1/4	8-40	-
SF70CN		10-70	-
SF1.5N	1/4	0.2-1.5	-
SF3N		0.5-3	-
SF6N		0.6-6	-
SF12N		2-12	-
F23N	3/8	3-23	-
F46N		5-46	-
F92N	1/2	10-92	-
F130N		20-130	-
F190N	3/4	30-190	-
			-

Note: Metric and American scale models are available on above manual products.

Rotary Slip Torque Screwdriver



With over-torque prevention mechanism

AMRD
BMRD



RTD



RNTD



Adjustable type		Accuracy +/- 3%		Preset type	
Model	Range [cN·m]	Model	Range [cN·m]	Model	Range [cN·m]
AMRD1CN	0.3-1	-	-	-	-
AMRD2CN	0.5-2	-	-	-	-
AMRD4CN	1-4	-	-	-	-
AMRD8CN	2-8	-	-	-	-
BMRD15CN2	2-15	-	-	-	-
BMRD30CN2	4-30	-	-	-	-
Model	Range [cN·m]	Model	Range [cN·m]	Model	Range [cN·m]
RTD15CN	2-15	RNTD15CN	5-15	-	-
RTD30CN	4-30	RNTD30CN	10-30	-	-
RTD60CN	10-60	RNTD60CN	20-60	-	-
RTD120CN	20-120	RNTD120CN	40-120	-	-
RTD260CN	60-260	RNTD260CN	100-260	-	-
RTD500CN	100-500	RNTD500CN	200-500	-	-

Digital Torque Wrench Tester



Wide torque range with data management function

TCC2-G



TCC100N2-G with QL wrench

Accuracy +/- 1% + 1 digit					
Model	Range [N·m]	Range [kgf·cm]	Range [lbf·in]	Inlet drive	
TCC100N2-G	CH1 4-100	40-1000	35.5-885	1/2	
	CH2 1-25	10-250	9-220	3/8	
TCC100N2-D-G	CH1 4-100	40-1000	35.5-885	1/2	
	CH2 20-500	200-5000	180-4400	3/4	
TCC500N2-G	CH1 20-500	200-5000	180-4400	3/4	
	CH2 4-100	40-1000	36-880	1/2	
TCC1000N2-G	CH1 50-1000	500-10000	445-8800	1	
	CH2 20-500	200-5000	180-4400	3/4	

Click Type Torque Screwdriver



Non rotary type

AMLD
BMLD



LTD



NTD



Adjustable type		Accuracy +/- 3%		Preset type	
Model	Range [cN·m]	Model	Range [cN·m]	Model	Range [cN·m]
AMLD1CN	0.3-1	-	-	-	-
AMLD2CN	0.5-2	-	-	-	-
AMLD4CN	1-4	-	-	-	-
AMLD8CN	2-8	-	-	-	-
BMLD15CN2	2-15	-	-	-	-
BMLD30CN2	4-30	-	-	-	-
Model	Range [cN·m]	Model	Range [cN·m]	Model	Range [cN·m]
LTD15CN	2-15	NTD15CN	5-15	-	-
LTD30CN	4-30	NTD30CN	10-30	-	-
LTD60CN	10-60	NTD60CN	20-60	-	-
LTD120CN	20-120	NTD120CN	40-120	-	-
LTD260CN	60-260	NTD260CN	100-260	-	-
LTD500CN	100-500	NTD500CN	200-500	-	-
LTD1000CN	200-1000	NTD1000CN	400-1000	-	-
LTD2000CN	300-2000	-	-	-	-

Digital Torque Wrench Tester



Widely renowned digital tester

DOTE3-G



DOTE100N3-G with QL wrench

Accuracy +/- 1% + 1 digit					
Model	Range [N·m]	Range [kgf·cm]	Range [lbf·in]	Inlet drive	
DOTE20N3-G	2-20	20-200	18-180	3/8	
DOTE50N3-G	5-50	50-500	44-440		
DOTE100N3-G	10-100	100-1000	88-880	1/2	
DOTE200N3-G	20-200	200-2000	170-1700		
DOTE500N3-G	50-500	500-5000	440-4400	3/4	
DOTE1000N3-G	100-1000	10-100	880-8800	1	

Dial Indicating Torque Screwdriver



Direct reading with pointer needle

FTD-S



FTD200CN2-S



Memory pointer captures peak torque

Adjustable type		Accuracy +/- 3%		Preset type	
Model	Range [cN·m]	Model	Range [cN·m]	Model	Range [cN·m]
FTD2CN-S	0.3-2	-	-	-	-
FTD5CN-S	0.5-5	-	-	-	-
FTD10CN-S	1-10	-	-	-	-
FTD20CN-S	3-20	-	-	-	-
FTD50CN2-S	5-50	-	-	-	-
FTD100CN2-S	10-100	-	-	-	-
FTD200CN2-S	30-200	-	-	-	-
FTD400CN2-S	50-400	-	-	-	-
Model	Range [cN·m]	Model	Range [cN·m]	Model	Range [cN·m]
FTD8N2-S	1-8	-	-	-	-
FTD16N2-S	3-16	-	-	-	-

Digital Torque Wrench Checker



Quick daily inspection with multiple torque unit selection

LC3-G



LC200N3-G with QL wrench



LC1000N3-G with QLE wrench

Accuracy +/- 1% + 1 digit					
Model	Range [N·m]	Range [kgf·cm]	Range [lbf·in]	Inlet drive	
LC20N3-G	0.5-20	5-200	5-174	3/8	
LC200N3-G	5-200	50-2000	50-1740	1/2	
LC1000N3-G	50-1000	500-10000	500-8800	1	
LC1400N3-G	100-1400	10-140	900-12000		

Digital Type Torque Screwdriver



Multi function digital indicating type

STC2-G



STC200CN2-G



White LED light
Approaching 80% of target torque



Blue LED light
Achieved target torque



Yellow & Red flashing LED light
Over torque warning

Adjustable type		Accuracy +/- 1%		Preset type	
Model	Range [cN·m]	Range [kgf·cm]	Range [lbf·in]	Model	Range [cN·m]
STC50CN3-G	10-50	1-5	1-4.4	-	-
STC200CN3-G	40-200	4-20	4-17	-	-
STC400CN3-G	80-400	8-40	8-35	-	-

Digital Torque Screwdriver Tester



With mechanical loading device

TDT3-G



TDT600CN3-G with RTD screwdriver



TDT600CN3-G with optional loading devices
left (LTA), right (TDTLA3)

Accuracy +/- 1% + 1 digit					
Model	Range [cN·m]	Range [kgf·cm]	Range [lbf·in]	Inlet drive	
TDT60CN3-G	2-60	0.2-6	0.2-5	1/4 Hex. (male)	
TDT600CN3-G	20-600	2-60	2-50	with a groove (minus 0.7mm)	

Note: Digital products -G series are multi unit models.

Selecting Proper TOHNICHI Products for Your Purpose

Torque Wrenches

Tightening

QL/QLE2



CL/CLE2

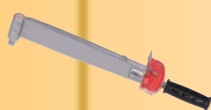


QSP/CSP

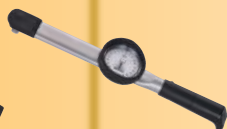


Inspection

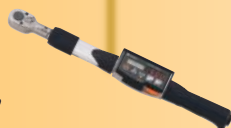
SF/F



DB/CDB



CEM3-G



Torque Screwdrivers

Tightening

AMRD/BMRD2
AMLD/BMLD2



RTD/LTD



RNTD/NTD



Inspection

MTD



FTD-S



STC2-G



Torque Measuring Instruments

Tester

TDT3-G



DOE3-G



TCC2-G



Checker

ATGE-G/BTGE-G



LC3-G



TCF



Interchangeable Heads



QH



SH



AH



RH



HH



RQH



SH-N



FH



DH

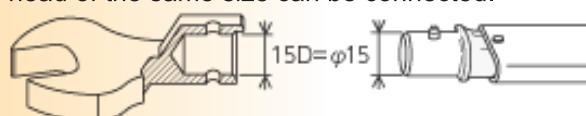


HH8D



PH

Interchangeable head wrench and Interchangeable head of the same size can be connected.



Wired and wireless type Error-proofing (Pokayoke) Products



CNA-4mk3 Count Checker with wired type torque wrenches



R-FH256 Receiver with wireless error-proofing



Product movies are available. Visit Tohnichi TV.
<https://www.youtube.com/c/TohnichiTV>



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