

# TOHNICHI

JAPAN

## Professional Torque Products

Torque Wrench

Torque Screwdriver

Torque Tester



Your Torque Partner

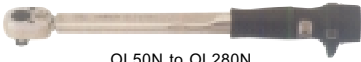


## BASIC ADJUSTABLE QUICK STYLE TORQUE WRENCH



### RATCHET HEAD QL/QL-MH

Accuracy +/-3%



QL50N to QL280N



QL-MH, QL420N



QL2N to QL25N5

MODEL	MODEL	RANGE (N·m)	S.D.
QL2N	QL2N-MH	0.4-2	1/4
QL5N	QL5N-MH	1-5	1/4
QL10N	QL10N-MH	2-10	1/4
QL15N	QL15N-MH	3-15	1/4
QL25N5-1/4	-	5-25	1/4
QL25N5	QL25N-MH	5-25	3/8
QL50N	QL50N-MH	10-50	3/8
QL100N4-3/8	-	20-100	3/8
QL100N4	QL100N4-MH	20-100	1/2
QL140N	QL140N-MH	30-140	1/2
QL200N4	QL200N4-MH	40-200	1/2
QL280N-1/2	-	40-280	1/2
QL280N	QL280N-MH	40-280	3/4
QL420N	-	60-420	3/4

## BASIC ADJUSTABLE QUICK STYLE TORQUE WRENCH



### RATCHET HEAD QLE2

### INTERCHANGEABLE HEAD CLE2



QLE2100N2



CLE550N2X27D



QLE

Accuracy +/-3%

MODEL	S.D.	MODEL	RANGE (N·m)
QLE550N2	3/4	CLE550N2X27D	100-550
QLE750N2	3/4	CLE750N2X27D	150-750
-	1	CLE850N2X32D	200-850
QLE1000N2	1	-	200-1000
-	1	CLE1200N2X32D	300-1200
QLE1400N2	1	-	300-1400
QLE2100N2	1	-	500-2100
QLE2800N2	1-1/2	-	800-2800

## BASIC ADJUSTABLE QUICK STYLE TORQUE WRENCH



### INTERCHANGEABLE HEAD CL/CL-MH

Accuracy +/-3%



CL50NX12D to CL280NX22D



CL-MH, CL420NX22D



CL2NX8D to CL25N5X10D

MODEL	MODEL	RANGE (N·m)
CL2NX8D	CL2NX8D-MH	0.4-2
CL5NX8D	CL5NX8D-MH	1-5
CL10NX8D	CL10NX8D-MH	2-10
CL15NX8D	CL15NX8D-MH	3-15
CL25N5X10D	CL25N5X10D-MH	5-25
CL50NX12D	CL50NX12D-MH	10-50
CL50NX15D	CL50NX15D-MH	10-50
CL100NX15D	CL100N4X15D-MH	20-100
CL140NX15D	CL140NX15D-MH	30-140
CL200NX19D	CL200N4X19D-MH	40-200
CL280NX22D	CL280NX22D-MH	40-280
CL420NX22D	-	60-420

## RATCHET HEAD TYPE PRESET TORQUE WRENCH



### RATCHET HEAD QSP/QSP-MH

### INTERCHANGEABLE HEAD CSP/CSP-MH

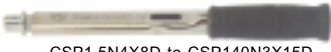
Accuracy +/-3%



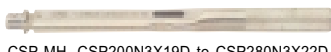
QSP1.5N4 to QSP140N3



QSP-MH, QSP200N4 to QSP420N



CSP1.5N4X8D to CSP140N3X15D



CSP-MH, CSP200N3X19D to CSP280N3X22D

MODEL	S.D.	MODEL	Metal Handle	RANGE (N·m)
QSP1.5N4	1/4	CSP3N4X8D		0.6-3
QSP3N4	1/4	CSP3N4X8D		0.6-3
QSP6N4	1/4	CSP6N4X8D		1-6
QSP12N4	1/4	CSP12N4X8D		2-12
QSP25N3-1/4	1/4	-		5-25
QSP25N3	3/8	CSP25N3X10D	-MH	5-25
-	3/8	CSP50N3X12D	-MH	10-50
QSP50N3	3/8	CSP50N3X15D	-MH	10-50
QSP100N4-3/8	3/8	-		20-100
QSP100N4	1/2	CSP100N3X15D	-MH	20-100
QSP140N3	1/2	CSP140N3X15D	-MH	30-140
QSP200N4	1/2	CSP200N3X19D		40-200
QSP280N3-1/2	1/2	-		40-280
QSP280N3	3/4	CSP280N3X22D		40-280
QSP420N	3/4	CSP420N3X22D		60-420

## DIAL INDICATING TORQUE WRENCH



### MEMORY POINTER FOR EASY TORQUE READING

#### DB Steady Drive CDB Adjustable Head

Accuracy +/-3%



DB100N-S



CDB100NX15D-S

DBE1400N-S, DBE2100N-S, DBE2800N-S  
DBR4500N-S, DBR6000N-S Models are also available

MODEL	S.D.	MODEL	RANGE (N·m)
DB1.5N4-S	1/4	-	0.2-1.5
DB3N4-S	1/4	-	0.3-3
DB6N4-S	1/4	-	0.6-6
-	1/4	CDB7N4X8D-S	0.7-7
-	1/4	CDB14N4X8D-S	2-14
DB12N4-S	1/4	-	1-12
DB25N-1/4-S	1/4	CDB25NX10D-S	3-25
DB25N-S	3/8	CDB25NX10D-S	3-25
DB50N-S	3/8	CDB50NX12D-S	5-50
DB100N4-3/8-S	3/8	CDB100NX15D-S	10-100
DB100N-S	1/2	CDB100NX15D-S	10-100
DB200N-S	1/2	CDB200NX19D-S	20-200
DB280N-1/2-S	1/2	-	30-280
DB280N-S	3/4	-	30-280
-	3/4	CDB300NX22D-S	30-300
DB420N-S	3/4	CDB420NX22D-S	40-420

## DIAL INDICATING TORQUE WRENCH



### MEMORY POINTER FOR EASY TORQUE READING DBE/DBR Steady Drive



DBE2100N-S



DBE

Accuracy +/-3%

MODEL	S.D.	RANGE	MODEL	S.D.	RANGE (N·m)
DBE560N-S	3/4	50-560	DBE1400N-S	1	200-1400
DBE700N-S	3/4	70-700	DBE2100N-S	1	200-2100
DBE850N-S	1	100-850	DBE2800N-S	1-1/2	300-2800
DBE1000N-S	1	100-1000	DBR4500N-S	1-1/2	kN·m 0.5-4.5
-	-	-	DBR6000N-S	1-3/4	kN·m 0.6-6

## BASIC ADJUSTABLE QUICK STYLE TORQUE WRENCH



### INTERCHANGEABLE HEAD CL/CL-MH

Accuracy +/-3%



CL50NX12D to CL280NX22D



CL-MH, CL420NX22D



CL2NX8D to CL25N5X10D

MODEL	MODEL	RANGE (N·m)
CL2NX8D	CL2NX8D-MH	0.4-2
CL5NX8D	CL5NX8D-MH	1-5
CL10NX8D	CL10NX8D-MH	2-10
CL15NX8D	CL15NX8D-MH	3-15
CL25N5X10D	CL25N5X10D-MH	5-25
CL50NX12D	CL50NX12D-MH	10-50
CL50NX15D	CL50NX15D-MH	10-50
CL100NX15D	CL100N4X15D-MH	20-100
CL140NX15D	CL140NX15D-MH	30-140
CL200NX19D	CL200N4X19D-MH	40-200
CL280NX22D	CL280NX22D-MH	40-280
CL420NX22D	-	60-420

## BEAM TYPE TORQUE WRENCH



### DIRECT READING WITH SCALE PLATE SF/F

Accuracy +/-3%



F92N



SF6N

F280N, F420N, F560N, F70N, F850N, F1000N,  
FR1050N, FR1400N, FR2100N, FR2800N,  
FR4200N, FR6000N Models are also available

MODEL	S.D.	RANGE (N·m)
SF40CN	1/4	8-40
SF70CN	1/4	10-70
(N·m)		
SF1.5N	1/4	0.2-1.5
SF3N	1/4	0.5-3
SF6N	1/4	0.6-6
SF12N	1/4	2-12
F23N	3/8	3-23
F46N	3/8	5-46
F92N	1/2	10-92
F130N	1/2	20-130
F190N	1/2	30-190

## RATCHET HEAD TYPE PRE-LOCK TORQUE WRENCH



### RATCHET HEAD PQL

## WRETCHET HEAD TYPE PRE-LOCK TORQUE WRENCH



### EXTERNAL SCALE, SET BY A HEX KEY PQL

Accuracy +/-3%



PQL100N4

S.I. MODEL	TORQUE RANGE (N·m)	
	Min.-Max.	Grad.
PQL10N	2-10	0.1
PQL15N	3-15	0.1
PQL25N	5-25	0.25
PQL50N	10-50	0.5
PQL100N4	20-100	1
PQL140N	30-140	1
PQL200N4	40-200	2
PQL280N	40-280	2
PQL420N	60-420	2

NOTE : The above Metric and American scale models of Hand Operated Products are available

URL: <http://tohnichi.jp/english/index.html>



## OPEN END/RING HEAD TYPE PRESET TORQUE WRENCH



### VARIOUS SIZES OF OPEN END OR RING HEADS FIXED ON WRENCH SP•SP2/-MH



MODEL (Body Size x Width)	
SP2	SP2-MH
SP2N2x5.5	-
SP2N2x7	-
SP2N2x8	-
SP2N2x10	-
SP2N2x12	-
SP2N2x13	-
SP2N2x17	-
SP2N2x19	-
SP8N2x7	-
SP8N2x8	-
SP8N2x9	-
SP8N2x10	-
SP8N2x12	-
SP8N2x13	-
SP8N2x19	-
SP8N2x24	-
SP8N2x27	-
SP19N2x10	SP19N2x10-MH
SP19N2x11	SP19N2x11-MH
SP19N2x12	SP19N2x12-MH
SP19N2x13	SP19N2x13-MH
SP19N2x14	SP19N2x14-MH
SP19N2x17	SP19N2x17-MH
SP19N2x19	SP19N2x19-MH
SP19N2x21	SP19N2x21-MH
SP19N2-1x10	SP19N2-1x10-MH
SP19N2-2x10	SP19N2-2x10-MH
SP19N2-3x10	SP19N2-3x10-MH
SP38N2x8	SP38N2x8-MH
SP38N2x9	SP38N2x9-MH
SP38N2x10	SP38N2x10-MH
SP38N2x11	SP38N2x11-MH
SP38N2x12	SP38N2x12-MH
SP38N2x13	SP38N2x13-MH
SP38N2x14	SP38N2x14-MH
SP38N2x16	SP38N2x16-MH
SP38N2x17	SP38N2x17-MH
SP38N2x19	SP38N2x19-MH
SP38N2x22	SP38N2x22-MH
SP38N2x24	SP38N2x24-MH
SP38N2x27	SP38N2x27-MH
SP38N2-1x10	SP38N2-1x10-MH
SP38N2-2x10	SP38N2-2x10-MH
SP38N2-3x10	SP38N2-3x10-MH
SP67N2x14	SP67N2x14-MH
SP67N2x16	SP67N2x16-MH
SP67N2x17	SP67N2x17-MH
SP67N2x18	SP67N2x18-MH
SP67N2x19	SP67N2x19-MH
SP67N2x21	SP67N2x21-MH
SP67N2x22	SP67N2x22-MH
SP67N2x24	SP67N2x24-MH
SP67N2x27	SP67N2x27-MH
SP67N2x29	SP67N2x29-MH
SP67N2x30	SP67N2x30-MH
SP67N2x32	SP67N2x32-MH
SP67N2x33.3	SP67N2x33.3-MH
SP120N2x14	SP120N2x14-MH
SP120N2x17	SP120N2x17-MH
SP120N2x18	SP120N2x18-MH
SP120N2x19	SP120N2x19-MH
SP120N2x21	SP120N2x21-MH
SP120N2x22	SP120N2x22-MH
SP120N2x23	SP120N2x23-MH
SP120N2x24	SP120N2x24-MH

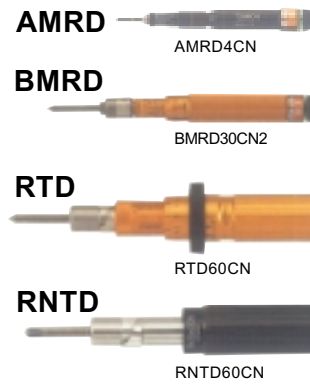
MODEL (Body Size x Width)	
SP2	SP2-MH
SP120N2x27	SP120N2x27-MH
SP120N2x30	SP120N2x30-MH
SP160N2x19	SP160N2x19-MH
SP160N2x21	SP160N2x21-MH
SP160N2x22	SP160N2x22-MH
SP160N2x24	SP160N2x24-MH
SP160N2x26	SP160N2x26-MH
SP160N2x27	SP160N2x27-MH
SP160N2x41	SP160N2x41-MH
SP220N2x19	SP220N2x19-MH
SP220N2x22	SP220N2x22-MH
SP220N2x24	SP220N2x24-MH
SP220N2x27	SP220N2x27-MH
SP220N2x29	SP220N2x29-MH
SP220N2x30	SP220N2x30-MH
SP220N2x32	SP220N2x32-MH
SP220N2x34	SP220N2x34-MH
SP220N2x36	SP220N2x36-MH
SP310N2x22	SP310N2x22-MH
SP310N2x24	SP310N2x24-MH
SP310N2x27	SP310N2x27-MH
SP310N2x30	SP310N2x30-MH
SP310N2x32	SP310N2x32-MH
SP310N2x41	SP310N2x41-MH
SP310N2x46	SP310N2x46-MH
SP420N2x27	-
SP420N2x30	-
SP420N2x32	-
SP420N2x34	-
SP420N2x35	-
SP420N2x36	-
SP560N2x30	-
SP560N2x32	-
SP560N2x36	-
SP560N2x46	-
SP560N2x55	-
RSP8N2x8	-
RSP8N2x10	-
RSP19N2x8	RSP19N2x8-MH
RSP19N2x10	RSP19N2x10-MH
RSP19N2x13	RSP19N2x13-MH
RSP38N2x10	RSP38N2x10-MH
RSP38N2x13	RSP38N2x13-MH
RSP38N2x14	RSP38N2x14-MH
RSP38N2x16	RSP38N2x16-MH
RSP38N2x17	RSP38N2x17-MH
RSP67N2x14	RSP67N2x14-MH
RSP67N2x16	RSP67N2x16-MH
RSP67N2x17	RSP67N2x17-MH
RSP67N2x18	RSP67N2x18-MH
RSP67N2x19	RSP67N2x19-MH
RSP120N2x17	RSP120N2x17-MH
RSP120N2x18	RSP120N2x18-MH
RSP120N2x19	RSP120N2x19-MH
RSP120N2x21	RSP120N2x21-MH
RSP120N2x22	RSP120N2x22-MH
RSP160N2x19	RSP160N2x19-MH
RSP160N2x21	RSP160N2x21-MH
RSP160N2x22	RSP160N2x22-MH
RSP160N2x24	RSP160N2x24-MH
RSP220N2x22	RSP220N2x22-MH
RSP220N2x24	RSP220N2x24-MH
RSP220N2x27	RSP220N2x27-MH
RSP310N2x24	RSP310N2x24-MH
RSP310N2x27	RSP310N2x27-MH
RSP310N2x30	RSP310N2x30-MH

## ROTARY SLIP ADJUSTABLE TORQUE SCREW DRIVER



### LOW TORQUE VERSION OF RTD

Accuracy +/-3%



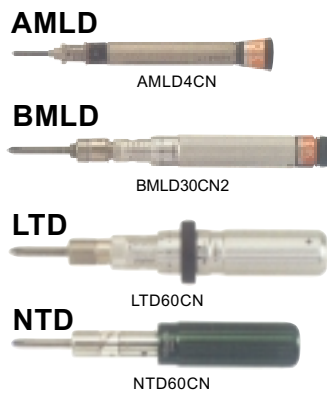
MODEL	RANGE (cN•m)	MODEL	RANGE (cN•m)
AMRD1CN	0.3-1	-	-
AMRD2CN	0.5-2	-	-
AMRD4CN	1-4	-	-
AMRD8CN	2-8	-	-
BMRD15CN2	2-15	-	-
BMRD30CN2	4-30	-	-
MODEL	RANGE (cN•m)	MODEL	RANGE (cN•m)
RTD15CN	2-15	RNTD15CN	5-15
RTD30CN	4-30	RNTD30CN	10-30
RTD60CN	10-60	RNTD60CN	20-60
RTD120CN	20-120	RNTD120CN	40-120
RTD260CN	60-260	RNTD260CN	100-260
RTD500CN	100-500	RNTD500CN	200-500

## ADJUSTABLE TORQUE SCREWDRIVER



Accuracy +/-3%

### LOW TORQUE VERSION OF LTD



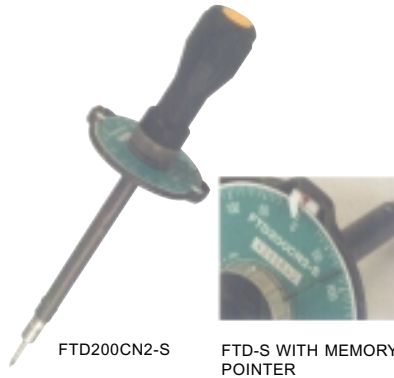
MODEL	RANGE (cN•m)	MODEL	RANGE (cN•m)
AML1CN	0.3-1	-	-
AML2CN	0.5-2	-	-
AML4CN	1-4	-	-
AML8CN	2-8	-	-
BML15CN2	2-15	-	-
BML30CN2	4-30	-	-
MODEL	RANGE (cN•m)	MODEL	RANGE (cN•m)
LTD15CN	2-15	NTD15CN	5-15
LTD30CN	4-30	NTD30CN	10-30
LTD60CN	10-60	NTD60CN	20-60
LTD120CN	20-120	NTD120CN	40-120
LTD260CN	60-260	NTD260CN	100-260
LTD500CN	100-500	NTD500CN	200-500
LTD1000CN	200-1000	NTD1000CN	400-1000
LTD2000CN	300-2000	-	-

## DIAL INDICATING TORQUE SCREWDRIVER



Accuracy +/-3%

### IDEAL FOR MEASURING TORQUE FTD-S



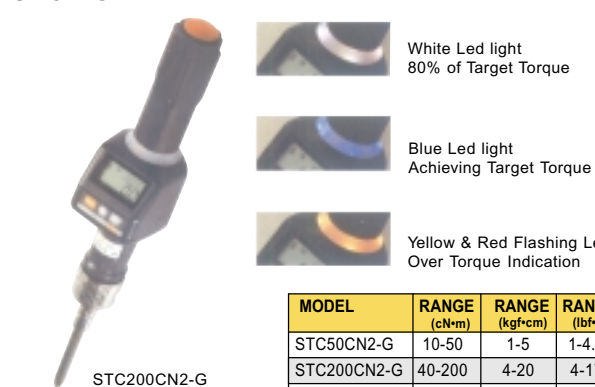
MODEL	RANGE (cN•m)	INLET DRIVE
FTD2CN-S	0.3-2	1/4 Hexagon
FTD5CN-S	0.5-5	1/4 Hexagon
FTD10CN-S	1-10	1/4 Hexagon
FTD20CN-S	3-20	1/4 Hexagon
FTD50CN2-S	5-50	1/4 Hexagon
FTD100CN2-S	10-100	1/4 Hexagon
FTD200CN2-S	30-200	1/4 Hexagon
FTD400CN2-S	50-400	1/4 Hexagon
FTD8N2-S	1-8	1/4 Square
FTD16N2-S	3-16	1/4 Square

FTD50CN, FTD100CN, FTD200CN, FTD400CN Models are also available

## DIGITAL TORQUE SCREWDRIVER



### IDEAL FOR TIGHTENING & INSPECTION OPERATION STC2-G



MODEL	RANGE (cN•m)	RANGE (kgf•cm)	RANGE (lbf•in)	INLET DRIVE
STC50CN2-G	10-50	1-5	1-4.4	1/4 Hexagon
STC200CN2-G	40-200	4-20	4-17	1/4 Hexagon
STC400CN2-G	80-400	8-40	8-35	1/4 Hexagon

Accuracy +/-1%

NOTE : G-Categories of Digital Products are the models that can be used in many dimensions

URL: <http://tohnichi.jp/english/index.html>

## ALL PRODUCTS ARE AVAILABLE AS PER YOUR REQUIREMENTS

### TORQUE WRENCH



#### With Limited Switch

- Limit switch counts the number of "Clicks".
- Connect to PLC or Count Checker/CNA-4mk3 to build verification system
- Can be upgraded into wireless output system by installing T-FHLS256



QLLS25N5



QLLS100N4



SPLS38N2X17

### TORQUE WRENCH



#### T-Handle Dial Indicator

- Dual handle for increased stability
- Memory pointer for easy reading

#### T-S



T90N-S

### ANALOG TORQUE GAUGE

- Compact portable handheld design
- Top and side scales for easy reading
- Three fingered keyless chuck

#### ATG/BTG



ATG6CN



BTG36CN

### DIGITAL TORQUE WRENCH



#### 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	40-20	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

### DIGITAL TORQUE TESTER

#### TESTER



TDT3-G

#### INSPECTION



ATGE-G/BTGE-G



DOT3-G



LC3-G



TCC2-G



TCF

### INTERCHANGEABLE HEAD WRENCHES



QH



SH



AH



RH



HH



RQH



SH-N



FH



DH



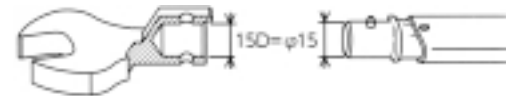
HH8D



PH



QSP3  
Adjusting Tools



Interchangeable Head and Wrench Model names include the diameter sizes so heads can be matched to Wrenches that will accept those heads

### WIRED AND WIRELESS ERROR-PROOFING POKAYOKE PRODUCTS



CNA-4mk3 Digital Wired Torque Wrench



R-FH256  
Wireless Equipment

## SHRADDHA IMPEX

Sales office : 163, Narayan Dhuru Street, 1st floor, Office No.16, Post Box No. 3145, Mumbai-400 003 India.  
Tel.: 022-23411787 / 23450333 Mobile : +91-09892404060 / 09323111787

Head Office : Gala No.122, Keytuo Ind. Estate, Kondivita Village Road, MIDC, Andheri (E), Mumbai-400 059 India.  
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Website : www.shraddhaimpex.net

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