

## MNTD

Marking Torque  
Screwdriver

Direction



Assembly

Preset

RoHS

- Non-rotary preset type marking torque screwdriver
- Total 7 types of phillips and hexagon bits available
- Marking screws as torque is achieved

Accuracy ±3%

Model	Torque Range			Overall Length [mm]	Weight [g]
	[cN·m] Min.-Max.	[kgf·cm] Min.-Max.	[lbf·in] Min.-Max.		
MNTD120CN	40-120	4-12	4-10	150	210
MNTD260CN	100-260	10-26	10-22	152	315
MNTD500CN	200-500	20-50	20-40	168	365

- Note**
1. MNTD special designed bits and markers are sold separately.
  2. Tester is required to set/change a torque value.
  3. MNTD is not applicable with hexagon socket set screws.
  4. Dark colored screws might not be suitable to detect MNTD marking.

**Standard Accessories** Green resin grip for 120CN and 260CN. Auxiliary tightening tool for 500CN

## MNTD Optional Accessories

## MNTD Plus Bit

Part #	Model	Applicable Screw/Ref.
1601	MNTD #1 bit	M2.5, (M3)
1602	MNTD #2 bit	M3, M4, M5
1603	MNTD #3 bit	M6

## MNTD Hex Bit

Part #	Model	Applicable Screw/Ref.
1611	MNTD W2.5 bit	M3
1612	MNTD W3 bit	M4
1613	MNTD W4 bit	M5
1614	MNTD W5 bit	M6

- Note**
1. Tohnichi special designed bit is required for MNTD.
  2. Applicable for screw that head diameter is over ø 5.5mm. Unavailable to hexagon set screws.
  3. In M3 screw, only binding head screw is applicable.

## MNTD Marker

Part #	Model
1621	MNTD Marker Red 10 pcs/set
1622	MNTD Marker Red 100 pcs/set
1623	MNTD Marker Blue 10 pcs/set
1624	MNTD Marker Blue 100 pcs/set

- Note**
1. It is a disposable marker.
  2. 1 pc of marker are capable of 1000 marking operations.

## Preset Hook Spanner for MNTD

Part #	Applicable Model
52	MNTD120CN
53	MNTD260CN
54	MNTD500CN

**Note** To set/change torque value.

## RTDLS/RNTDLS

Direction

Rotary Slip Type Torque  
Screwdriver with Limit  
Switch

Assembly

RoHS

- RTD/RNTD style with Limit Switch output
- Wired Error-Proofing, Pokayoke, system for assembly processes

Accuracy ±3%

S.I. Model	Torque Range [cN·m]		Metric Model	Torque Range [kgf·cm]		American Model	Torque Range [lbf·in]		Overall Length [mm]	Weight [g]
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.		
RTDLS120CN	20-120	1	12RTDLS	2-12	0.1	RTDLS10I	2-10	0.1	184	340
RTDLS260CN	60-260	2	26RTDLS	6-26	0.2	RTDLS22I	6-22	0.2	201	450
RTDLS500CN	100-500	5	50RTDLS	10-50	0.5	RTDLS40I	10-40	0.5	212	540
RNTDLS120CN	40-120	-	-	4-12	-	-	4-10	-	166	320
RNTDLS260CN	100-260			10-26			10-22		167	390
RNTDLS500CN	200-500			20-50			20-40		175	480

- Note**
1. Bits are sold separately. Refer to page 10.
  2. RNTDLS models are required a torque driver tester for torque setting. Specify required torque when you order. Ex. RNTDLS120CN × 100cN·m
  3. Limit switch specifications AC30V below 1A, DC30V below 1A
  4. Female connector for LS cable is sold separately. Part# WA5219K.

POKA Patrol, Count Checker  
CNA-4mk3

Refer to page 27.

\* Sold separately



## RTDFH/RNTDFH

Direction

Rotary Slip Type Pokayoke  
Torque Screwdriver

Assembly



RoHS

- Torque screwdriver with wireless error-proofing, Pokayoke, function
- High reliable FHSS technology with universal 2.4GHz frequency band

Accuracy ±3%

S.I. Model	Torque Range [cN·m]			Metric Model	Torque Range [kgf·cm]			American Model	Torque Range [lbf·in]			Overall Length [mm]	Weight [g]
	Min.-Max.	Grad.			Min.-Max.	Grad.			Min.-Max.	Grad.			
RTDFH120CN	20-120	1		12RTDFH	2-12	0.1		RTDFH10I	2-10	0.1		184	280
RTDFH260CN	60-260	2		26RTDFH	6-26	0.2		RTDFH22I	6-22	0.2		201	380
RTDFH500CN	100-500	5		50RTDFH	10-50	0.5		RTDFH40I	10-40	0.5		212	490
RNTDFH120CN	40-120				4-12				4-10			166	260
RNTDFH260CN	100-260	-	-	-	10-26	-	-	-	10-22	-	-	167	320
RNTDFH500CN	200-500				20-50				20-40			175	430

- Note**
1. RTDFH/RNTDFH are ESD/Electro Static discharge.
  2. Refer to page 30 for receiver and setting box.
  3. Contact to Tohnichi for condition of wireless equipment in each country.
  4. Auxiliary tightening tool for RTDFH/RNTDFH500CN is part # 32.

**Standard Accessories** Adjusting handle : RTDFH500CN and RNTDFH500CN

Receiver  
R-FH256

Refer to page 29 for wireless  
Pokayoke system configuration.

\*Sold separately

POKA Patrol, Count Checker  
CNA-4mk3

Refer to page 27.

\* Sold separately



## Transmitter Specifications

Model	RTDFH/RNTDFH
Frequency Band	2.4GHz band (2.402GHz~2.479GHz, 1MHz interval 78ch)
Communication System	Spread spectrum (FHSS)
Modulation System	GFSK
Modulation Rate	1Mbps
Group Channel	Gr 000~255
ID	3 digit (000~999), 7 digit (alphanumeric)
Input/Output	-
Power[V]	DV3V(CR2032)
Antenna	Chip Antenna
Display	LED
Operating Temperature	0~45 °C
Communication Distance	approx. 10~20m