

Preset Torque Screwdriver – RNTD / NTD



Preset Torque Screwdriver for Assembly

Tohnichi RNTD/NTD torque screwdrivers are used for repetitive tightening to a preset torque in mass production and maintenance. The preset design is ideal for use with fixed torque values in production lines. Commercially available standard 1/4 inch hex bits can be used (E 6.3).

Versions

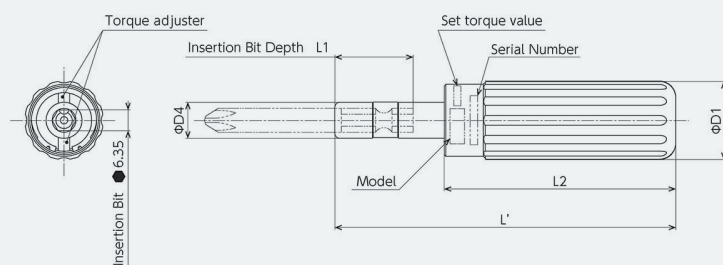
- ◆ **RNTD**: The no-load design of the rotary slip clutch prevents over-tightening after the preset torque has been reached. Greater reliability and durability by using the tilt-clutch torque mechanism.
- ◆ **NTD**: Like RNTD but with a click signal instead of the slip clutch. Ideal for applications that are sensitive to vibration and where rotary clutch vibrations might be problematic.

- ▶ RNTD/NTD is preset, so you cannot set torque without a tester & adjusting tool (sold separately).
- ▶ Clockwise rotation.
- ▶ Standard bits insert 1/4" (E 6.3).
- ▶ Accuracy acc. to **EN ISO 6789**.

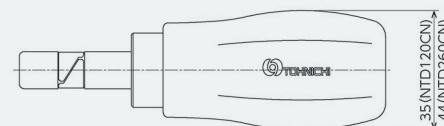
Options

- ☐ Coloured Resin handle for model 120CN resp. 260CN.
- ☐ CCW tightening model upon request.
- ☐ Adjusting Tool
 - #42 for model 15CN ... 120CN
 - #43 for model 260CN
 - #44 for model 500CN

INFO



■ NTD120CN, 260CN with a resin grip

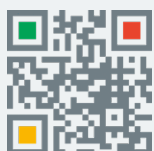


RNTD – rotary slip

Model	Item No.	Torque Range*		Applicable Screws		Dimensions [mm]							Weight kg
		cN·m	lbf·in	small	tapping	L'	L1	L2	øD1	øD4	ød	R	
RNTD 15 CN	T202101	5 - 15	0.5 - 1.3	(M1.8)	(M1.4) M1.6	95	24	59	19.5	11	–	–	0.07
RNTD 30 CN	T202102	10 - 30	1 - 2.5	M2 (M2.2)	(M1.8) M2	95	24	59	19.5	11	–	–	0.07
RNTD 60 CN	T202103	20 - 60	2 - 5	M2.5, M3	(M2.2) M2.5	95	24	59	19.5	11	–	–	0.07
RNTD 120 CN	T202104	40 - 120	4 - 10	(M3.5)	M3 (M3.5)	110	24	76	24	11	–	–	0.11
RNTD 260 CN	T202105	100 - 260	10 - 22	M4 (M4.5)	M4	110	24	79	30.5	11	–	–	0.18
RNTD 500 CN	T202106	200 - 500	20 - 40	M5, M6	(M4.5)	120	24	88	33	11	8	120	0.27

NTD – click type

Model	Item No.	Torque Range*		Applicable Screws		Dimensions [mm]							Weight kg
		cN·m	lbf·in	small	tapping	L'	L1	L2	øD1	øD4	ød	R	
NTD 15 CN	T202115	5 - 15	0.5 - 1.3	(M1.8)	(M1.4) M1.6	95	24	59	19.5	11	–	–	0.07
NTD 30 CN	T202116	10 - 30	1 - 2.5	M2 (M2.2)	(M1.8) M2	95	24	59	19.5	11	–	–	0.07
NTD 60 CN	T202117	20 - 60	2 - 5	M2.5, M3	(M2.2) M2.5	95	24	59	19.5	11	–	–	0.07
NTD 120 CN	T202118	40 - 120	4 - 10	(M3.5)	M3 (M3.5)	110	24	76	224	11	–	–	0.11
NTD 260 CN	T202119	100 - 260	10 - 22	M4 (M4.5)	M4	110	24	79	30.5	11	–	–	0.18
NTD 500 CN	T202120	200 - 500	20 - 40	M5, M6	(M4.5)	120	24	88	33	11	8	120	0.27



Edit 2026.24
Further info on
our website
24/7

* It is recommended to use in moderate performance range (approx. 1/4 to 3/4 of rated capacity). If you were to regularly work at the tool's capacity limit, a larger model would generally be the better option.

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