Your Torque Partner
TOHNICHI America

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Torque Screwdriver

LTD Adjustable Limiting Type Torque Screwdriver

DIRECTION

RoHS ASSEMBLY ADJUSTABLE NON-ROTARY SLIP GRADUATION

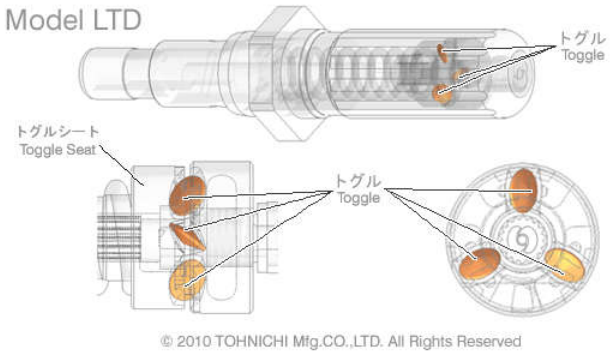
Features

- Adjustable Limiting Torque Screwdriver
- Adjustable type features external scale that can be set simply by twisting the body to line up with desired torque value and then secured in place with black lock ring.
  - Hexagonal shaped locker prevents driver from rolling when set down on flat surfaces between uses.
- Upon reaching set torque, user will sense the limit. The tool will spring back slightly and user must stop turning.
  - If user, continues past the limit, tool will continue to apply additional torque.
  - LTD is non rotary type. See RTD version for rotary slip feature which prevents over-torque.
- Tohnichi's toggle clutch torque detection mechanism enhances accuracy and durability.
- Accepts standard 1/4" hex root bit (sold separately)
- Includes Certificate of Calibration
- For Preset Version Limiting Screwdriver, See Model NTD
- Counterclockwise tightening model available upon request.
- Applicable for international use including the EU region. Compliant with calibration procedures of ISO 6789 Type II Class D.

LTD60CN [Overall length 110 mm]

LTD120CN [Overall length 130 mm]

Non-slip shape helps prevent unwanted twisting (LTD15CN to LTD500CN models)



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The LTD series is equipped with Tohnichi's own toggle mechanism for torque control.

Specifications

Accuracy ± 3%

S.I. MODEL			LTD15CN	LTD30CN	LTD60CN	LTD120CN	LTD260CN	LTD500CN	LTD1000CN	LTD2000CN2
TORQUE RANGE [cN • m]	MIN.～MAX.		2～15	4～30	10～60	20～120	60～260	100～500	200～1000	400～2000
	GRAD.		0.1	0.2	0.5	1	2	5		
METRIC MODEL			**1.5LTD**	**3LTD**	**6LTD**	**12LTD**	**26LTD**	**50LTD**	**100LTD**	**LTD200M2**
TORQUE RANGE [kgf • cm]	MIN.～MAX.		0.2～1.5	0.4～3	1～6	2～12	6～26	10～50	20～100	40～200
	GRAD.		0.01	0.02	0.05	0.1	0.2	0.5		
AMERICAN MODEL			**LTD20Z** / **LTD1.3I**	**LTD40Z** / **LTD2.6I**	**LTD80Z** / **LTD5I**	**LTD150Z** / **LTD10I**	**LTD22I**	**LTD40I**	**LTD90I**	**LTD180I** / **LTD180I2**
TORQUE RANGE [ozf • in/lbf • in]	MIN.～MAX.		ozf • in 6～20 / lbf • in 0.2～1.3	ozf • in 15～40 / lbf • in 0.4～2.6	ozf • in 20～80 / lbf • in 1～5	ozf • in 30～150 / lbf • in 2～10	lbf • in 6～22	10～40	20～90	30～180 / 40~180
	GRAD.		ozf • in 0.2 / lbf • in 0.01	ozf • in 0.5 / lbf • in 0.02	ozf • in 1 / lbf • in 0.05	ozf • in 2 / lbf • in 0.1	lbf • in 0.2	0.5		
APPLICABLE SCREW	SMALL SCREW		(M1.8)	M2 (M2.2)	M2.5, M3	(M3.5)	M4 (M4.5)	M5, M6	(M7)	M8
	TAPPING SCREW		(M1.4) M1.6	(M1.8) M2	(M2.2) M2.5	M3 (M3.5)	M4	(M4.5)	M6	(M7)
DIMENSION [mm]	OVERALL LENGTH	L'	100		110	130	150	155	185	255
	GRIP	D1	16		20	24	30.5	33	43	48
	BODY	D2	10.7		14.8	18	23	26	32	35
		D3	11						12	25
		L1	18		24				25	35
		L2	76.5～84.3		81.1～90.1	105～115	122.8～132.8	129～141	151～163	209.5～236
	LOCKER	d	23.5		29	33	41	45		
		W	21.5		26.5	30	37.5	41		
WEIGHT [kg]			0.05		0.08	0.13	0.22	0.33	0.58	1.15

Notes

Auxiliary tightening tool for LTD500CN and 1000CN is available (separately sold). LTD180I use special sized bits.
LTD2000CN2, LTD200M2 and LTD180I2 version 2 now feature 1/4 square drive.

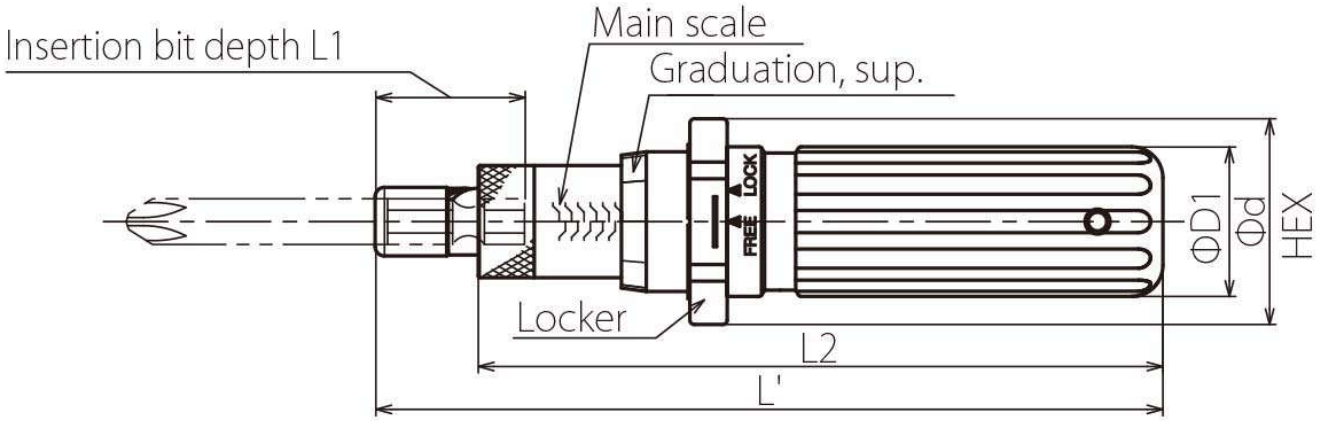
Standard accessories

Resin grip (for LTD120CN and LTD260CN models only) is a standard accessory.

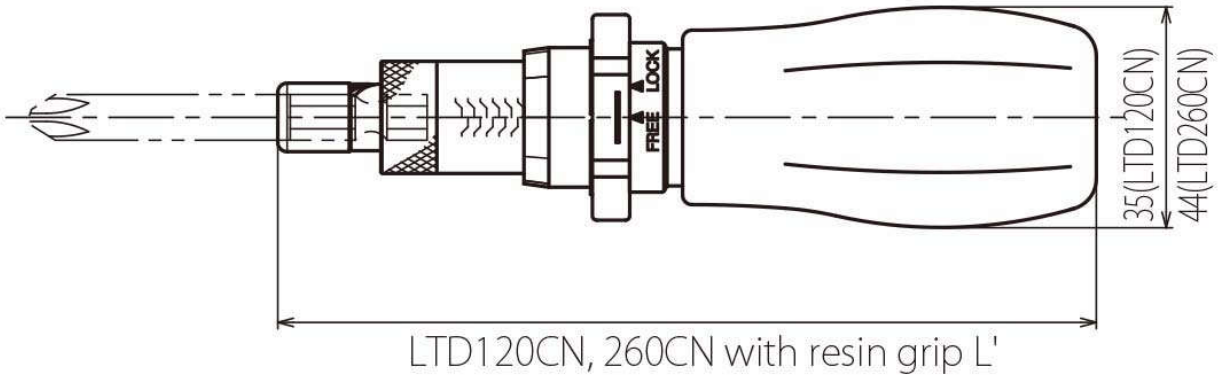
LTD260CN Preset hook key for up to 2000CN models only.

LTD2000CN2, LTD200M2, LTD180I(2) have an auxiliary T-Handle tightening tool supplied as a standard accessory.

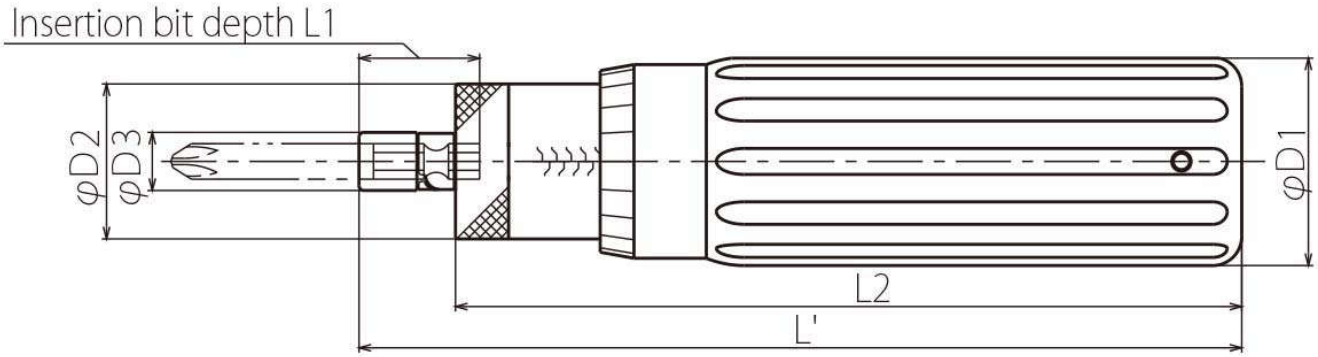
Dimensions



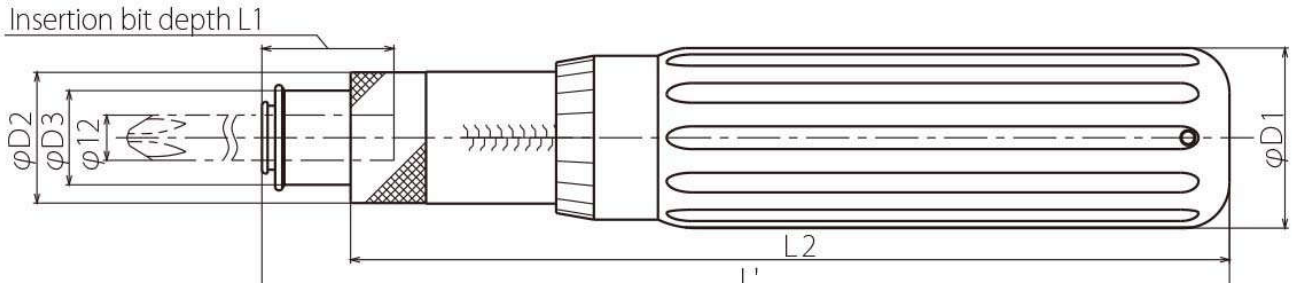
LTD 15CN～500CN



LTD 120CN, 260CN with resin grip



LTD1000CN



LTD2000CN

Accessories

Interchangeable Bit

Adjusting Tool for LTD/RTD

Preset Hook Spanner For LTD/TD

Tightening Tool for LTD

Resin handle for torque driver