Your Torque Partner
TOHNICHI America

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Torque Wrench

TiQL / TiLQL / TiEQL(E) Adjustable Click Type Torque Wrench

DIRECTION

RoHS ASSEMBLY PRE-LOCK RATCHET HEAD GRADUATION TITANIUM MATERIAL

Features

- Titanium pre-lock torque wrench
- Approx. half the weight of standard torque wrenches.
- Applicable where ordinary torque wrenches are difficult to use because of weight such as overhead.
- The set torque cannot be changed without using a hex key (standard accessory), preventing the operator from changing torque by mistake.
- Preset type with scale, suitable for single purpose torque tightening tasks where scale gradations are required.
- A clear "click" sound signals tightening completion upon reaching the set torque.
- The ratchet head has 24 teeth with a 15 degree operating range, allowing for use in space-limited working conditions.
- Comfortable resin grip for 180N - 360N models.
- Applicable for international use including the EU region.
- Compliant with calibration procedures of ISO 6789 Type II Class A.

TiQL180N [L'=494mm]

TiEQLE750N [L'=136mm]

Specifications

Accuracy ±3%							
S.I. MODEL			**TiQL180N**	**TiLQL180N**	**TiEQL360N**	**TiEQLE750N**	**TiEQLE1400N**
TORQUE RANGE [N • m]	**MIN. ～ MAX.**		40～180		80～360	100～750	200～1400
	GRAD.		2			5	10
METRIC MODEL			**1800TiQL**	**1800TiLQL**	**3600TiEQL**	**7500TiEQLE**	**14000TiEQLE**
TORQUE RANGE [kgf • cm/kgf • m]	**MIN. ～ MAX.**		kgf·cm 400～1800		kgf·m 8～36	10～75	20～140
	GRAD.		kgf·cm 20		kgf·m0.2	0.5	1
APPLICABLE BOLT	**COMMON STEEL**		M12～M20		M16～M24	M16～M30	M20～M36
	HIGH TENSION		M10～M16		M12～M20	M12～M24	M16～M30
MAX. HAND FORCE [N]			450	360	406	600	848
DIMENSION [mm]	**EFFECTIVE LENGTH**	**L**	400	500	887	1250	1650
	OVERALL LENGTH	**L'**	494	594	987	1365	1794
	SQ. DRIVE	**a**	12.7		19.05		25.4
		b	14		20.5		26.5
	HEAD	**R**	22.5		29	35	44
		h	33		43.7	48.7	60.5
	BODY	**m**	34		38	52	67
		n	15		15.5	20	24
		d	36			40	51
		e	51			29	41
WEIGHT [kg]			0.9	1	2.4	4.5	7.5

Notes

Other limit switch (LS) types and wireless (FH) types are available upon request.

Special model such as TiEQL550N is also available upon request.

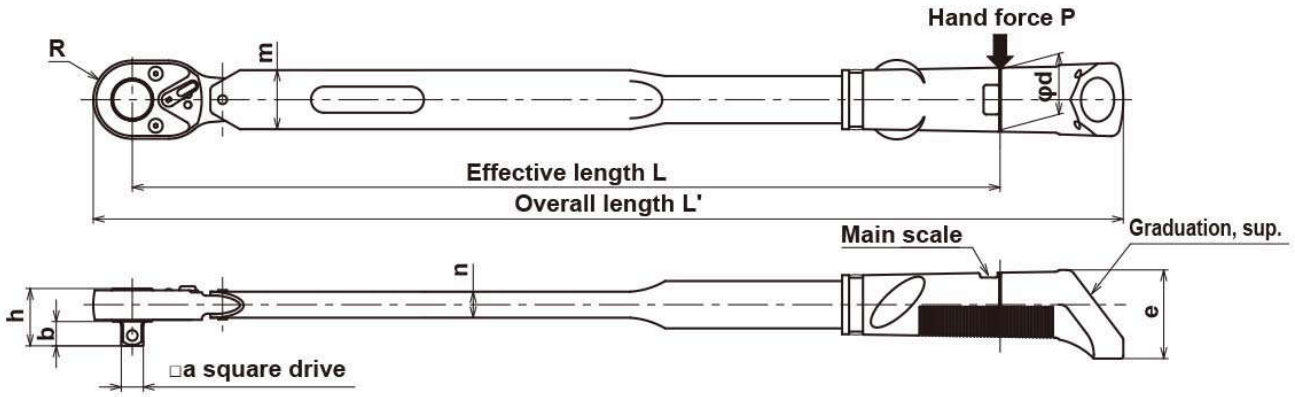
Standard accessories

Standard Accessories: Color marking band (3 colors) for tool control; hex keys (for TiQL180N, TiLQL180N, TiEQL360N).

Adjusting tool (For TiEQLE750N, TiEQLE1400N).

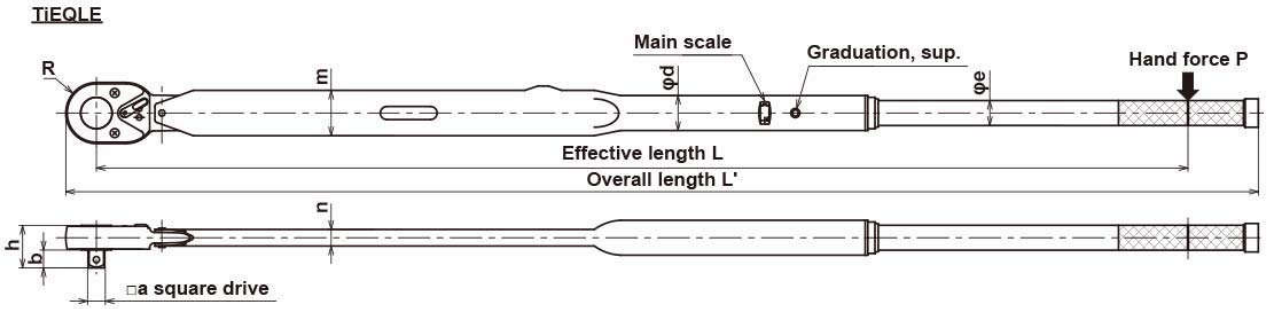
Dimensions

TiQL/TiLQL



Ti(L)QL180N, TiEQL360N

TiEQLE



TiEQLE750N, 1400N

Accessories

Adjusting Tool for QLE

Sockets