



Satisfy Professional's Needs

Cordless Impact Wrench 1/2" (12.7 mm)

Round Head Pin: DTW450RTE / DTW450RFE / DTW450Z

Flat Head Pin: DTW450XRTE / DTW450XRFE / DTWX450Z

18V
LITHIUM-ION



MAX. FASTENING TORQUE

440 N-m

[325 ft. lbs]

LXT
LITHIUM-ION

Lithium-ion eXtreme Technology

Maximum Fastening Torque of 440N.m (325ft.lbs)*

Same fastening torque in forward and reverse rotations

*torque at 6 seconds after seating



Compact body 266 mm (10-1/2")

Lightweight 3.4kg (7.5lbs)

Large bumper protects workpiece from scratches, increasing maneuverability.

12.7mm (1/2") square driving

LED job light for illuminated operation can be turned on / off with an independent switch *, and features overdischarge-protective circuit.

reverse / **forward**

*** Light switch** for LED job light

Unique rubber joint construction suppresses the transmission of vibration to battery terminals, minimizing battery failures such as terminal breakage or poor electrical contact. Refer to the comparison chart below.

The tool body is separated into the upper and lower housings at the foot of handle portion where the housings are joined with vibration absorbing cushion rubbers.

Easy-to-operate, large rocker switch

Ergonomically designed handle with rubberized soft grip provides more control and comfort.

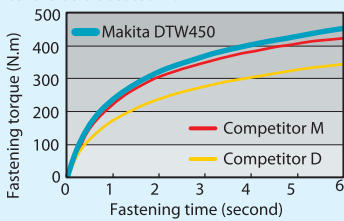
Hook 45mm

Cushion rubber

Comparison of Fastening Performance

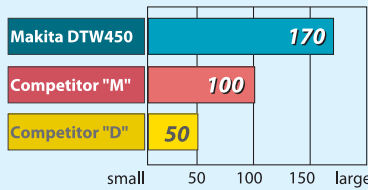
The relation between fastening torque and fastening time.

Note: The time axis on the chart below indicates the fastening time after High tensile bolt is seated.



Test conditions: M16 High tensile bolt
Fastening torque: 250N.m

Note: Numbers in the charts below are relative values when the capacities of Competitor "M" are indexed at 100.

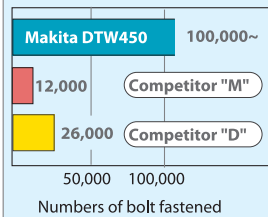


*Work amount on a single full battery charge.

Comparison of Durability of Battery Terminal

Test conditions: Fastening of M16 High tensile bolt by repeating the following (a) (b) cycle set up in the testing machine.

(a) Two seconds of running under load
(b) Turning off switch



Makita BTW450: No problem with battery terminals and adjacent parts even after fastening 100,000 bolts.

Competitor "M": Impossible to continue after fastening 12,000 bolts because of poor electrical contact at battery terminal.

Competitor "D": Impossible to continue after fastening 26,000 bolts because of broken battery terminal.

Cordless Impact Wrench

- Reversing
- Carrying Case
- Built-in Job Light



Charging time 22minutes with Fast Charger DC18RA

3.0Ah Li-ion Battery BL1830
4.0Ah Li-ion Battery BL1840
5.0Ah Li-ion Battery BL1850



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Battery Capacities	18V Li-Ion
Square Drive	1/2" Square
No Load Speed	1,600 RPM
Impacts Per Minute	2,200 IPM
Maximum Torque	325 ft. lbs. (440 Nm)
Overall Length	10-1/2" (266 mm)
Net Weight	7.5 lbs. (3.4 kg)

DTW450RTE Standard Equipment: Two 18V (5.0 Ah) Li-Ion Batteries BL1850 (196675-2), Charger (DC18RC), Hook (345736-7), Battery Cover (450128-8), Plastic Carrying Case (141644-8)

DTW450RFE Standard Equipment: Two 18V (3.0 Ah) Li-Ion Batteries BL1830 (194205-3), Charger (DC18RC), Hook (345736-7), Battery Cover (450128-8), Plastic Carrying Case (141644-8)

DTW450Z Standard Equipment: Tool Only. Batteries and Charger Sold Separately. Hook (345736-7)

DTW450XRTE Standard Equipment: Two 18V (5.0 Ah) Li-Ion Batteries BL1850 (196675-2), Charger (DC18RC), Hook (345736-7), Battery Cover (450128-8), Plastic Carrying Case (141644-8)

DTW450XRFE Standard Equipment: Two 18V (3.0 Ah) Li-Ion Batteries BL1830 (194205-3), Charger (DC18RC), Hook (345736-7), Battery Cover (450128-8), Plastic Carrying Case (141644-8)

DTW450XZ Standard Equipment: Tool Only. Batteries and Charger Sold Separately. Hook (345736-7)

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