



Satisfy Professional's Needs

Cordless Impact Wrench DTW281 / DTW280



Tool does not come with socket.

Photo : DTW281

Maximum tightening torque of
280 N.m (210 ft.lbs)

Tightening torque at 6 seconds after seating, when tightening M16 (grade F10T) high strength friction grip bolt with DTW281.





Compact design with a short overall length of 147mm (5-3/4")

- Achieved by using BLDC motor
- 18mm more compact than the current model, but with higher power than the current model



Photo : DTW281

BLDC motor (BrushLess DC motor)

- Maintenance-free due to no brush
- Energy production is more efficient than brushed DC motor because of no friction loss caused by brushes, enabling to lower amperage for reduced heat production and increased work amount on a single full battery charge.



Electronic 3 stage impact power selection

In order to reduce fault tightening, hard/medium/soft impact power can be selected to the material of workpiece or screw type simply by pushing a button.

Hard



S H

Medium



S H

Soft



S H

Battery fuel gauge

The power remaining in the battery can be indicated in 3 stages simply by pushing a button.



3 lights on:
more than 50% of full battery capacity



2 lights on:
20% to 50% of full battery capacity



1 light on:
less than 20% of full battery capacity



Hammer case cover securely fastened with four bolts

XPT
EXTREME PROTECTION TECHNOLOGY

XPT (eXtreme Protection Technology)
Dust and drip-proof performance is enhanced for use in outdoor applications or harsh environments.

High power cordless impact wrench with a maximum tightening torque of 280 N.m (210 ft.lbs)

Tightening torque at 6 seconds after seating, when tightening M16 (grade F10T) high strength friction grip bolt with DTW281.

Phosphorescent bumper

12.7mm (1/2")
Square drive

LED Job light with pre-glow and afterglow functions

- On pulling switch trigger, the light automatically turns on before motor starts turning.
- keeps on illuminating about 12-13 sec. after trigger release.
- With a manual on-off switch for the activation system



Variable speed control by trigger

BLDC motor
(BrushLess DC motor)

Ergonomically designed handle with rubberized soft grip

provides comfortable grip and more control while minimizing hand fatigue and pain.

Belt clip

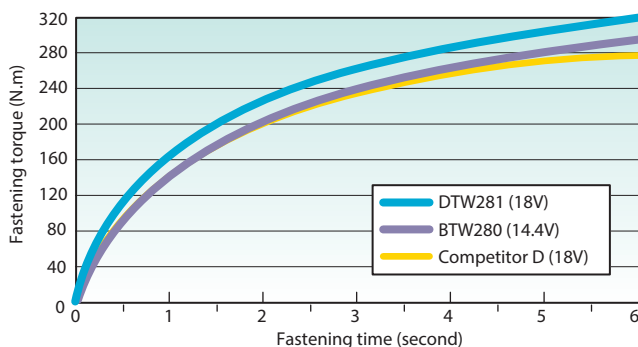


Photo : DTW281

Performance Comparison

Relation Between Fastening Torque and Fastening Time when fastening M16 high strength bolt with fully charged battery

Note: The time axis on the charts below indicates the fastening time after the bolt is seated.



Cordless Impact Wrench

DTW281 / DTW280 1/2" (12.7mm)

- Variable Speed
- Brake
- Reversing
- Built-in Job Light
- Carrying Case

*Tightening torque at 6 seconds after seating, when tightening M16 (grade F10T) high strength friction grip bolt

**weight according to EPTA-Procedure 01/2003

	DTW281	DTW280
Capacity	Standard bolt : M10 - M20 (3/8" - 3/4") High tensile bolt : M10 - M16 (3/8" - 5/8") Square drive : 12.7mm (1/2")	Standard bolt : M10 - M20 (3/8" - 3/4") High tensile bolt : M10 - M16 (3/8" - 5/8") Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	3rd : 0-3,500 / 2nd : / 0-2,600 / 1st : / 0-1,800	3rd : 0-3,500 / 2nd : / 0-2,600 / 1st : / 0-1,800
No load speed (rpm)	3rd : 0-2,800 / 2nd : / 0-2,100 / 1st : / 0-1,600	3rd : 0-2,800 / 2nd : / 0-2,100 / 1st : / 0-1,600
Max. fastening torque*	280N.m (2,480in.lbs)	275N.m (2,430in.lbs)
Dimensions (L x W x H)	147x79x249mm (5-3/4"x3-1/8"x9-3/4") with BL1840 147x79x231mm (5-3/4"x3-1/8"x9-1/8") with BL1815	147x79x249mm (5-3/4"x3-1/8"x9-3/4") with BL1440 147x79x231mm (5-3/4"x3-1/8"x9-1/8") with BL1415
Net weight**	1.5kg (3.2lbs) with BL1815 1.7kg (3.8lbs) with BL1830	1.4kg (3.1lbs) with BL1415 1.6kg (3.5lbs) with BL1430
Standard Equipment :	Fast Charger, Battery Cartridge, (Tool does not come with socket.)	

Items of standard equipment and specifications may vary by country or area.



Impact Socket
Accessories



Impact Wrench
Accessories

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