Satisfy Professional's Needs

XGT

# Makita® Cordless Impact Wrench TW004G / TW005G 1/2" (12.7 mm)

XGT 40Vmax Li-ion

**Max fastening torque**
**350**
**N·m**




## Compact yet with Increased max fastening torque

**TW004G**
**C ring**



**TW005G**
**Pin detent**



**40Vmax series movie**
This movie was filmed in Japan.
Models and specs may vary by country.

BL MOTOR XPT

XGT 40Vmax Li-ion

*Powered by 40Vmax XGT Li-Ion battery*

# Increased max fastening torque






**Max fastening torque**
**350 N·m**

**Nut-busting torque**
**630 N·m**

*1 Fastening torque at 6 seconds after seating, when tightening M16 (grade F10T) high strength friction grip bolt in 4 (Max) mode

## Auto-stop system available both in forward / reverse rotation modes

3 modes of reaction time for automatic stop available both in forward and reverse rotation modes.



| | Forward | Reverse |
|---|---|---|
| mode 1 | The tool stops automatically as soon as it has detected the first impact blow. | The tool stops automatically as soon as it has stopped impact blow. |
| mode 2 | The tool stops automatically approximately 0.5 seconds after the moment it has detected the first impact blow. | The tool stops automatically approximately 0.2 seconds after the moment it has stopped impact blow. |
| mode 3 | The tool stops automatically approximately 1.0 second after the moment it has detected the first impact blow. | The tool automatically slows down to 300min$^{-1}$after the moment it has stopped impact blow. |

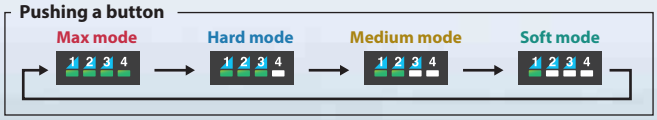
### Electronic 4 stage impact power selection

Both in forward and reverse rotation modes, max / hard / medium / soft impact power can be selected to suit the material of workpiece or screw type simply by pushing a button.



Full speed mode lamp

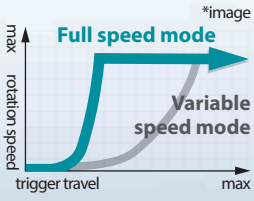
**Pushing a button**




### Trigger switch with full speed mode

- Variable speed mode can be changed to full speed mode simply by pushing a button.
- Because in full speed mode, the trigger travel is shorter than in variable speed mode, the full speed is quickly reached, reducing hand and finger fatigue from trigger pull.

*image



# Compact and High Torque

## Compact design with a short overall length of 144mm






**Excellent performance in continuous heavy operation due to Optimum power supply system**

**Able to use 2 batteries consecutively**



**Number of bolts consecutively tightened under heavy load*2**

**approx 560 bolts**



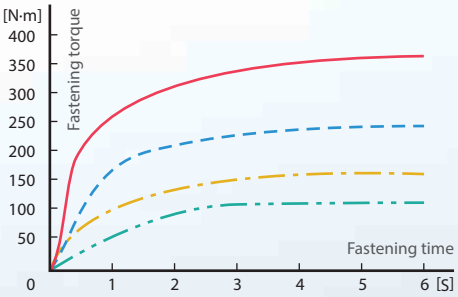




*2 Continuous tightening of M16 bolts in an environment with a temperature at 40 ° C / using two BL4025 batteries

### Relation Between Fastening torque and Fastening time when tightening each size of bolt in each Fastening torque mode with a fully charged battery.

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




**Max mode (4)**
Tightening M16 (grade: F10T) High strength bolt in 4: Max mode

**Hard mode (3)**
Tightening M16 High strength bolt in 3: High mode

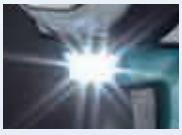
**Medium mode (2)**
Tightening M14 High strength bolt in 2: Medium mode

**Soft mode (1)**
Tightening M12 High strength bolt in 1: Soft mode

| No load speed (min$^{-1}$) | Impacts per minutes (min$^{-1}$) |
|---|---|
| Max mode (4): 0 - 3,200 | Max mode (4): 0 - 4,000 |
| Hard mode (3): 0 - 2,600 | Hard mode (3): 0 - 3,400 |
| Medium mode (2): 0 - 1,800 | Medium mode (2): 0 - 2,600 |
| Soft mode (1): 0 - 1,000 | Soft mode (1): 0 - 1,800 |

**Constant speed control**
reduces the torque drop when remaining battery capacity gets low.

**Twin LED job light**



**Variable speed control by trigger**



XPT



XGT 40Vmax Li-ion

**40Vmax mechanism movie**
This movie was filmed in Japan.
Models and specs may vary by country.

## Optimum power supply system and Optimum charging system

The XGT range of tools and batteries come with a built-in program, providing digital communication between the battery and tool. Allowing not only for the battery to talk with tool but also the tool to talk to the battery. Battery technology and motor engineering that work together for optimum performance.

**Optimum charging system**

Auto maintenance system with two cooling fans for providing more optimum fast charging



Tool ◀▶ Battery ◀▶ Battery Charger
**Digital communication**

## Built Tough

High durability specifications specially designed for 40Vmax Li-Ion batteries





**Terminal short-circuit prevention structure**



**Waterproof Triple-layer Structure**



**4-LED fuel gauge indicator**



**Shock absorption structure**



**High Rigidity Battery Rails**

### 40Vmax Li-ion Battery

**BL4025**
**2.5Ah**



**BL4040**
**4.0Ah**



### 40Vmax Fast Charger

**DC40RA**



The enlarged and raised LED light provides clearer indication of charging status.

### Interchangeable Adapter

**ADP10**





Compatible with LXT Li-Ion batteries

## Accessories

**Tool hanger set**
Part No. 191F58-7







## Charging Time Reference

| Fast Charging 40Vmax Li-ion | DC40RA |
|---|---|
| BL4025 2.5Ah | 28min |
| BL4040 4.0Ah | 45min |

## Cordless Impact Wrench

### TW004G / TW005G 1/2" (12.7 mm)

- Variable Speed
- Brake
- Reversing
- Electronic 4-Speed
- Constant Speed
- Built-in Job Light
- Carrying Case

| | |
|---|---|
| ***Fastening Capacities*** | *Standard Bolt: M10 - M20 (3/8" - 3/4")*<br>*High Strength Bolt: M10 - M16 (3/8" - 5/8")* |
| ***Square Drive*** | *12.7 mm (1/2")* |
| ***No Load Speed (RPM)*** | *Max / Hard / Mid / Soft: 0 - 3,200 / 2,600 / 1,800 / 1,000* |
| ***Impacts Per Minute (IPM)*** | *Max / Hard / Mid / Soft: 0 - 4,000 / 3,400 / 2,600 / 1,800* |
| ***Max Fastening Torque*** | *350 N·m (260 ft.lbs.)* |
| ***Nut-Busting Torque*** | *630 N·m (465 ft.lbs.)* |
| ***Vibration Level*** | *Impact tightening of fasteners of the maximum capacity of the tool: 16.5 m/s²* |
| ***Sound Pressure Level*** | *99 dB(A)* |
| ***Sound Power Level*** | *110 dB(A)* |
| ***Dimensions (L x W x H)*** | *w/ BL4025: 144x86x248 mm (5-5/8"x3-3/8"x9-3/4")*<br>*w/ BL4040: 144x86x253 mm (5-5/8"x3-3/8"x10")* |
| ***Net weight*** | *1.9 - 2.2 kg (4.2 - 4.9 lbs.)* |

*Standard Equipment :* Belt Clip, Battery, Charger

*The weight may differ depending on the attachment(s), including the battery cartridge. The lightest and heaviest combination, according to EPTA-Procedure 01/2014, are shown in the table.*
*Items of standard equipment and specifications may vary by country or area.*

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