

40V Max Brushless 3/4" Impact Wrench



HEAVY DUTY BRUSHLESS



Up to **70%**
MORE POWER

Product Statement



The 40V Max. Brushless $\frac{3}{4}$ " Impact Wrench delivers 1,800Nm of fastening torque and 2,050Nm nut busting torque for unmatched fastening performance.

Featuring high durability construction the battery housing is protected by a battery vibration suppression system. This system protects the battery from damage due to excess vibration caused during heavy duty fastening applications.

In addition to the power of the TW001G it is also highly intelligent with 6 optimised fastening controls each mode tailors the driver speed and impact rate to the task at hand, ensuring you don't damage the fastener or material.



Product Overview



Product Specifications



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Max. capacities standard bolt	M12 - M36
Max. capacities high tensile bolt	M10 - M27
No load speed	Max: 0-1,800rpm / Hard: 0-1,400rpm / Med: 0-1,150rpm / Soft: 0-950rpm
Impact rate	Max: 0-2,500ipm / Hard: 0-2,400ipm / Med: 0-2,200ipm / Soft: 0-1,900ipm
Max. fastening torque	Max: 1,800Nm Hard: Medium: Soft:
Nut busting torque	2,050Nm
Drive shank	3/4" Square C-Ring
Overall length	217mm
Skin weight	3.2kg
Weight (with battery)	4.2kg (BL4040)
Voltage	40V Max

- **High Power Output** – the high power 40Vmax XGT Li-Ion battery allows for continuous operation in heavy-duty applications. Delivering 1,800Nm of fastening torque and 2,050Nm nut busting
- **Auto-stop Reverse System** – 3 mode in both forward and reverse automatically adjust power and speed to optimise fastening to the task at hand. (Further detail on each mode provided on next page)
- **4 Speed Power Selection** – 4 electronic speeds allow the user to adjust the power, speed and impact rate to suit the fastening application.
- **Compact Design** – High torque but compact overall length for easy handling and control. TW001G is 12mm shorter in length with a 71% increase in power.
- **High Durability** – advanced durability protection ensure the tool can run for longer in heavy duty applications. Whiles improvements have also been made to slider mechanism and gear shaft components to ensure long term durability
- **Rubber Joint Construction** – the tool body is separated into the upper and lower housings at the foot of handle portion where the housing is connected with vibration absorbing cushion rubbers. This prevents the battery terminal from chattering or the battery rails from being worn out.
- **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.

Forward and Reverse Auto Stop



Rotation Mode	Bolt Mode	Description	Application Example
Forward Rotation	1	The tool stops automatically as soon as it has detected the first impact.	Temporarily fastening steel beams
	2	The tool stops automatically 0.5 seconds after the moment it has detected the first impact.	Temporarily tightening the tire of truck to 380 to 500N·m
	3	The tool stops automatically 1.0 second after the moment it has detected the first impact.	Temporarily tightening for maintenance of construction machinery, etc. · Temporarily fastening large steel frames (bridges, etc.)
Reverse Rotation	1	The tool stops automatically as soon as it has stopped impact blow.	All loosening applications
	2	The tool stops automatically approximately 0.2 seconds after the moment it has stopped impact.	Dismantling scaffolds
	3	The tool automatically slows down to 230min ⁻¹ after the moment it has stopped impact.	Loosening bolt/nut to a desired position

Advantages



Heavy Duty Power



Powered by XGT 40V Max batteries
Allowing for continuous heavy duty operation

Durability



High durability construction with battery
vibration suppression protecting the battery

Innovation



Optimised application selector with 6 modes
adapting speed and impacts for each task

Efficiency



Full speed mode shortens the distance of
trigger travel required to hit full speed

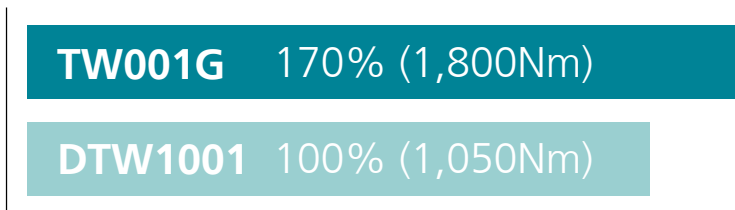
Fastening Power

Up to
70%
More
Power

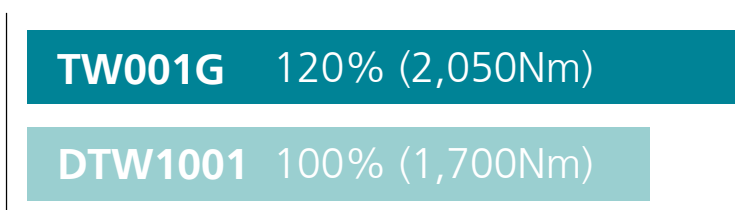
Test: Maximum Fastening / Nut Busting Torque

TW001G – 4.0Ah (144Wh) Battery
DTW1001 – 5.0Ah (90Wh) Battery

Fastening Torque:



Nut Busting Torque:

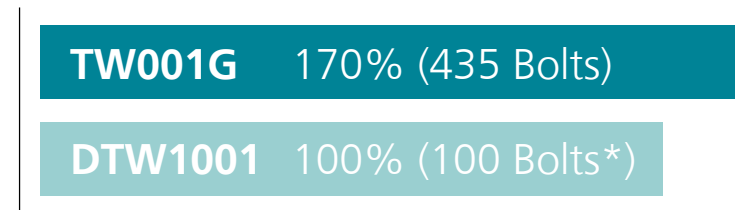


Up to
3x
Longer
Runtime

Test: Continuous tightening of M24 bolts in an environment with a temperature at 40 °C


TW001G – 4.0Ah (144Wh) Battery
DTW1001 – 6.0Ah (90Wh) Battery

Runtime:



* Stops due to overheat protection

Standard Accessories

	<p>346949-3 251314-2</p>	<p>Belt Hook Assembly</p>
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Optional Accessories

	<p><u>3/4" Drive Impact Wrench Sockets</u></p>
	<p><u>3/4" Drive Deep Impact Sockets</u></p>
	<p><u>3/4" Impact Socket Extensions</u></p>
	<p><u>3/4" Socket Accessories</u></p>