makita®

Cordless Impact Wrench
TW009G / TW010G 1" (25.4 mm)

Photo:TW009G

Square drive
1" (25.4 mm)

Max. fastening torque
3,150 N·m
6 seconds after seating, when tightening

Nut-busting torque
4,000 N·m
within 3 seconds, when loosening

Photo:TW010G

TW009G Short anvil type   **TW010G** Long anvil type

BL MOTOR XPT

■ Cordless Impact Wrench series

| | Standard Bolt Size | High strength Bolt Size |

TW009G / TW010G

3,150 N·m

TW009G Short anvil type   **TW010G** Long anvil type

Square drive size **1" (25.4mm)**

M27 - 45
M20 - 33

TW001G

1,800 N·m

Square drive size **3/4" (19mm)**

M12 - 36
M10 - 27

TW007G / TW008G

760 N·m

Square drive size **1/2" (12.7mm)**

M10 - 24
M10 - 16

TW007G: C ring
TW008G: Pin detent

TW004G / TW005G

350 N·m

Square drive size **1/2" (12.7mm)**

M10 - 20
M10 - 16

TW004G: C ring
TW005G: Pin detent

■ Accessories

Impact socket with O-ring and pin

Size (mm)	Part No	Size (mm)	Part No
27 x 60	E-24511	42 x 68	E-24608
30 x 62	E-24527	44 x 70	E-24614
32 x 63	E-24533	46 x 72	E-24620
33 x 63	E-24549	50 x 76	E-24636
34 x 63	E-24555	55 x 84	E-24642
36 x 66	E-24561	60 x 88	E-24658
38 x 66	E-24577	65 x 92	E-24664
40 x 66	E-24583	70 x 96	E-24670
41 x 68	E-24599		

Impact deep socket with O-ring and pin

Size (mm)	Part No	Size (mm)	Part No
27 x 90	E-24686	44 x 90	E-24767
30 x 90	E-24692	46 x 90	E-24773
32 x 90	E-24701	50 x 100	E-24789
33 x 90	E-24717	55 x 108	E-24795
34 x 90	E-24723	60 x 108	E-24804
36 x 90	E-24739	65 x 120	E-24810
38 x 90	E-24745		
40 x 90	E-24751		
41 x 90	E-22420		

O ring E-22436

Pin E-22442

■ Charging Time

Fast Charging
DC40RA

BL4040 4.0Ah	45 min
*¹ BL4040F 4.0Ah	45 min
*¹ BL4050F 5.0Ah	50 min
*¹ BL4080F 8.0Ah	76 min

*¹ Recommended battery

Cordless Impact Wrench
TW009G / TW010G 1" (25.4 mm)

Variable Speed
Brake
Reversing
Electronic 4-Speed
Built-in Job Light
Anti-restart function
Carrying Case

*EN62841-2-2

Shank / Drive	Square Drive 25.4 mm (1")
Anvil length	TW009G: - / TW010G: 163 mm (6-3/8")
Max fastening torque	3,150 N·m (2,323 ft.lbs.)
Nut-busting torque	4,000 N·m (2,950 ft.lbs.)
Fastening capacities	Standard bolt: M27 - M45 (1-1/8 - 1-7/8")
	High strength bolt: M20 - M33 (3/4 - 1-3/8")
No load speed	Max / Hard / Med. / Soft: 0 - 1,200 / 0 - 850 / 0 - 700 / 0 - 600 min⁻¹
Impacts per minute (IPM)	Max / Hard / Med. / Soft: 0 - 1,750 / 0 - 1,500 / 0 - 1,300 / 0 - 1,200
Sound pressure level*	TW009G: 101 dB(A) / TW010G: 103 dB(A)
Sound power level*	TW009G: 109 dB(A) / TW010G: 111 dB (A)
Noise K factor*	3 dB(A)
Vibration level*	Impact tightening of fasteners of the maximum capacity of the tool:
	TW009G: 37.5 m/s² / TW010G: 33.4 m/s²
Vibration K factor*	Impact tightening of fasteners of the maximum capacity of the tool: 1.6 m/s²
Dimensions(L x W x H)	TW009G: w/ BL4050F: 435 x 135 x 297 mm (17-1/8 x 5-5/16 x 11-3/4")
	TW010G: w/ BL4050F: 570 x 135 x 297 mm (22-1/2 x 5-5/16 x 11-3/4")
Net weight	TW009G: 11.0 - 11.9 kg (24.3 - 26.2 lbs.)
	TW010G: 12.0- 12.9 kg (26.5 - 28.4 lbs.)
Net weight (Battery)	BL4040F - BL4080F

Standard Accessories :
TW009GT201 : Plastic case: 821929-5(1), BATTERY BL4050F: 1918A8-1(2), DC40RA FAST CHARGER (1)
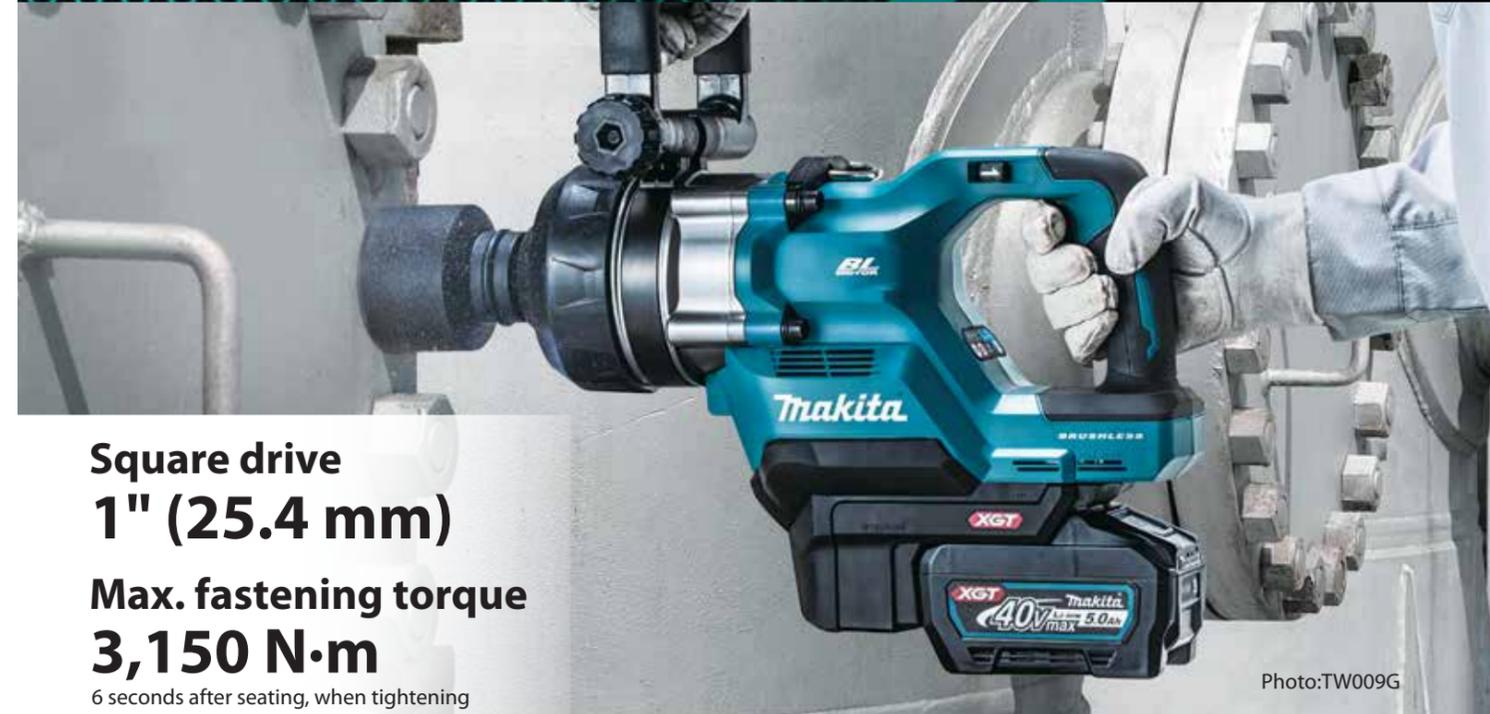
Delivers powerful torque comparable to air tools

BL MOTOR

High power Brushless motor

For tightening large diameter bolts

Square drive
1" (25.4 mm)

Max. fastening torque
3,150 N·m
6 seconds after seating, when tightening

Nut-busting torque
4,000 N·m
within 3 seconds, when loosening

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

TW009G (Short anvil type)
For heavy-equipment maintenance— counterweight removal and installation

Tool hanger (Ring) allows to hang the tool on pipes, hooks, etc.

TW010G (Long anvil type)
For wheel removal and installation on trucks

Compact

435 mm* TW009G

TW010G: 570 mm*

*Overall length, with BL4050F

Ring illumination LED
Reduces the shadow of the socket on a workpiece, providing a better view of the workpiece.

Toolless installation of Side handle
Side handle can be installed 360° without a tool, and the angle of the holding section can be adjusted back and forth, making it suitable for a variety of operations.

XPT
(eXtreme Protection Technology)

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

	Forward	Reverse
mode 1	At impact power 2, the tool stops automatically as soon as it has detected the first impact blow.	At impact power 4, the tool stops automatically as soon as it has stopped impact blow.
mode 2	At impact power 3, the tool stops automatically approximately 0.5 seconds after the moment it has detected the first impact blow.	At impact power 4, the tool stops automatically approximately 0.2 seconds after the moment it has stopped impact blow.
mode 3	At impact power 4, the tool stops automatically approximately 1.0 second after the moment it has detected the first impact blow.	At impact power 4, the tool automatically slows down after the moment it has stopped impact blow.

With regard to the reverse rotation mode (for loosening), the reaction time is set at the maximum impact power 4, which is the maximum capacity, because no adjustment of impact power is required for the mode.

Electronic 4 stage impact power selection
Both in forward and reverse rotation modes, max (4) / hard (3)/ medium (2) / soft (1) impact power can be selected to suit the material of workpiece or bolt type simply by pushing the button.
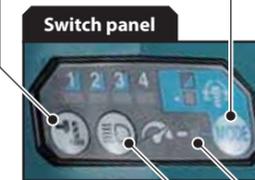
Pushing the button

Max mode (4) → Hard mode (3) → Medium mode (2) → Soft mode (1)

Mode	Max mode (4)	Hard mode (3)	Medium mode (2)	Soft mode (1)
Fastening torque (N·m)*[1]	2,850	1,600	1,000	600
No load speed (min⁻¹)	0-1,200	0-850	0-700	0-600
Impacts per minutes (min⁻¹)	0-1,750	0-1,500	0-1,300	0-1,200

*[1] 3 seconds after seating, when tightening

Switch panel

Ring illumination LED switch
With preglow/afterglow functions and light mode

Full speed mode lamp

Full speed mode button
(Variable speed / Full speed)
- Full speed is reached with less trigger pull, reducing fatigue in continuous operation.
- Variable speed mode or Full speed mode can be selected depending on applications.

Max / Rotation speed

Full speed mode

Variable speed mode

*image

Trigger travel — Max