

**Makita**

# 12V Max Brushless 1/2" Impact Wrench

TV161D

**CXT BL**  
MOTOR

# Product Objectives

- Develop a 12V Max Brushless Impact Wrench that is compact and light weight, ideal for accessing tight spaces
- Designed for mechanics, plumbers, manufacturing, building, HVAC and fabrication



# Product Overview

1/2" Square drive  
with friction ring

LED Job light

Variable speed trigger

2 stage impact selection

Brushless Motor



# Product Specification Sheet



Max. capacities standard bolt	M8-M16
Max. capacities high tensile bolt	M6-M12
No load speed	Hard: 0-2,400rpm Soft: 0-1,300rpm
Impact rate	Hard: 0-3,600ipm Soft: 0-2,000ipm
Max. fastening torque	165Nm
Drive shank	12.7mm (1/2") Square
Overall length	150mm
Skin weight	1.0kg
Weight (with 4.0Ah battery)	1.2kg
Voltage	12V Max

- **2 stage impact selection** – allows choice between hard impact (0-2,400rpm) and soft impact (0-1,300rpm)
- **Auto-stop function in reverse** – when the bolt/nut is loosened enough the tools will automatically stop reverse rotation
- **Brushless motor** – provides more power to the motor whilst increasing runtime and durability
- **LED job light** – with pre-glow and after-glow function to illuminate workpiece
- **Variable speed trigger** – allows the user to have full control over the speed of rotation at their finger tips. Trigger controls variable speed between 0-2,400rpm
- **Same forward and reverse torque** – ensuring that any bolt that is fasten by the wrench can also quickly and easily be removed
- **CXT Compact eXtreme Technology** – ultra compact design at 150mm in length and lightweight at 1.2kg on a 4.0Ah battery

# Advantages

## Performance



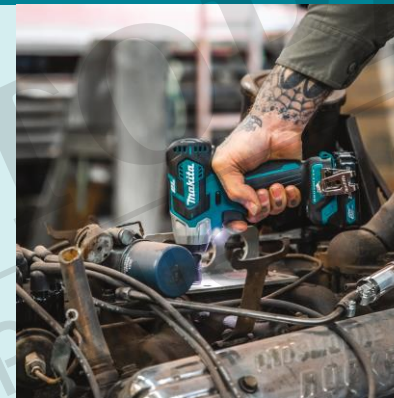
Powerful 165Nm of impacting performance

## Convenience



Same forward and reverse torque

## Speed



0-2,400rpm variable speed trigger

## Compact




Ultra compact and ergonomic design at only 150mm and 1.2 kg

# Our Range

	TW161D - NEW	TW160D	TW140D	TW060D
				
Max. capacities standard bolt	M8 - M16	M8 - M16	M8 - M16	M8-M12
Max. capacities high tensile bolt	M6 - M12	M6 - M12	M6 - M12	M6-M10
No load speed	Hard: 0-2,400rpm Soft: 0-1,300rpm	Hard: 0-2,400rpm Soft: 0-1,300rpm	0-2,600rpm	0-2,600rpm
Impact rate	Hard: 0-3,600ipm Soft: 0-2,000ipm	Hard: 0-3,600ipm Soft: 0-2,000ipm	0-3,200ipm	0-3,200ipm
Max. fastening torque	165Nm	160Nm	140Nm	60Nm
Drive shank	12.7mm (1/2") Square	9.5mm (3/8") Square	9.5mm (3/8") square	6.35mm (1/4") Square
Overall length	150mm	144mm	161mm	161mm
Skin weight	1.0kg	1.0kg	0.8kg	1.0kg
Weight (with battery)	1.2kg	1.2kg	1.2kg	1.2kg
Voltage	12V Max	12V Max	12V Max	12V Max

# Accessories

## Standard Accessories

	346909-5 266622-8	Hook Screw
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## Optional accessories

	197356-1	DC10SB – 12v CXT Fast Charger
	197335-9	DC10WD – 12v CXT Standard Charger
	198453-6	DC18RE – 12v CXT / 18v LXT Fast Charger
	197406-2	BL1041B – 12V 4.0Ah Li-Ion Battery
	197396-9	BL1021B – 12V 2.0Ah Li-Ion Battery
	197393-5	BL1016 – 12V 1.5Ah Li-Ion Battery

## Optional accessories

	D-42575	9pc Metric Impact Socket Set - 1/2" Drive
	P-05941	1/2" Square drive to 1/4" Hex Quick Chuck
	134873-0	1/2" Square drive to 1/4" Hex Clip Chuck
	B-53768	Various Impact Gold Torsion Screw Driver bits can be used in conjunction with the 1/4" hex Adaptor