

**Makita**

# LXT BL Impact Driver

**LXT**



**DTD173**

## 18V Brushless Wood/Bolt/T-Mode Impact Driver

The Makita 18V LXT® Brushless 4-Speed Impact Driver DTD173Z sets new standards. Accepting all common 1/4" Hex bits in a compact size measuring 111mm from the rear of the tool to the collet, this is Makita's smoothest 18V LXT® Impact Driver yet.

The DTD173Z offers users four speeds and also features a wood fastening mode, bolt loosening mode, and two Tek screw fastening modes for maximum control. All modes have been engineered to minimise screw thread stripping, screw breakage and damage to workpieces.

These features can be easily programmed in to the Impact Driver and toggled through using the quick mode selector button underneath the collet. Other standout features include the main control panel now being located at the rear of the tool for convenient visibility and usability, and an LED ring light behind the collet for maximum work area illumination.

DTD173Z features XPT (Extreme Protection Technology), a system of features that provides enhanced water and dust resistance, enabling operation in harsh jobsite environments.



# Product Overview

Slim Tool Body

One touch bit installation

Enhanced Anvil Holder

Quick Change Selector



Light Mode

4 optimised application modes

4 speed power selection

# Product Specification Sheet



Max. capacities standard bolt	M5 -M16
Max. capacities high tensile bolt	M5 -M14
No load speed	Max.: 0 - 3,600rpm / Hard: 0 - 3,200rpm Med: 0 - 2,100rpm / Soft: 0 - 1,100rpm
Impact rate	Max.: 0 - 3,800ipm / Hard: 0 - 3,600ipm Med: 0 - 2,600ipm / Soft: 0 - 1,100ipm
Max. tightening torque	Max.: 180Nm / Hard: 170Nm Med: 50Nm / Soft: 20Nm
Drive shank	6.35mm(1/4") Hex
Overall length	114mm
Skin weight	0.9kg
Weight (with battery)	1.5kg
Voltage	18V

- **Slim Tool Body** – The protrusions on the LED sections on both sides have been eliminated, improving the screwdriving performance in tight corners or confined spaces.
- **One Touch Bit Installation** – new bit installation has been designed to prevent the bit from unexpectedly falling off. A more effective mechanism has been designed increasing the strength of the chuck with out increasing the resistance required to install a bit.
- **Ring illumination LED** – The LED emits light in a ring shape from the tip of the hammer case, significantly reducing the shadow of the bit. The brightness (3 stages) can be changed by pressing and holding the mode switch button.
- **Quick Change Selector** – one touch mode selector located above the trigger allows the user to jump between modes single handed. Quickly changing between modes improves efficiency as you no longer have to take your hand off the tool.
- **Light Mode** – enables the tool to be used as a torch in dark environments. To turn the light on set the F/R change lever to the neutral position and pull the switch trigger. To turn off the light pull the trigger again.
- **4 Optimised Application Modes** – 4 assist mode variations; T-mode 1 and 2 for self drilling screws in both thick and thin sheet metal. Wood mode for fastening long wood screws. Bolt mode with rotation auto stop for tightening / loosening bolts.
- **Optimal battery layout** – The center of gravity has been moved closer to the center line of the grip, by locating the battery 12mm backward compared with the current model, reducing the strain on the wrist during operation.

## Power



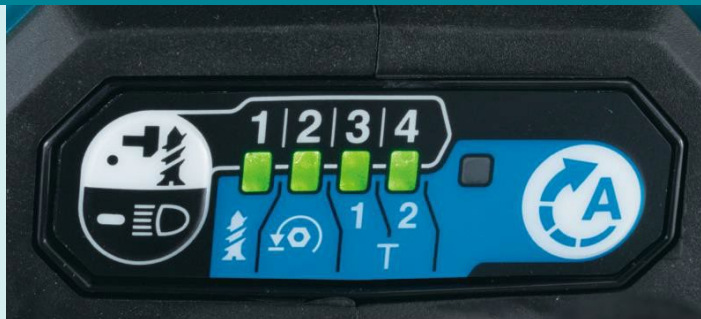
180Nm Maximum fastening torque

## Control



Slim tool body, redesigned for greater access to tight locations

## Innovation























Optimised application selector with 4 modes adapting speed and impacts for each task

## Efficiency



Quick change trigger, change between speeds & modes at the touch of a button

# Impact Driver Range

	DTD173	DTD171	DTD157	DTD154	DTD153	DTD152	TD001	TD002	TD003
	 	 							
<b>Platform</b>									
<b>Standard Bolt Capacity</b>	M5-M16	M5-M16	M5-M14	M5-M16	M5-M16	M5-M16	M5-M16	M5-M16	M5-M16
<b>Max Fastening Torque</b>	180Nm	180Nm	140Nm	175Nm	170Nm	165Nm	220Nm	220Nm	210Nm
<b>Max Impacts Per Minute</b>	3,800min <sup>-1</sup>	3,800min <sup>-1</sup>	4,100min <sup>-1</sup>	3,800min <sup>-1</sup>	3,600min <sup>-1</sup>	3,500min <sup>-1</sup>	4,400min <sup>-1</sup>	4,600min <sup>-1</sup>	4,400min <sup>-1</sup>
<b>Max No Load Speed</b>	3,600min <sup>-1</sup>	3,600min <sup>-1</sup>	3,000min <sup>-1</sup>	3,600min <sup>-1</sup>	3,400min <sup>-1</sup>	2,900min <sup>-1</sup>	3,700min <sup>-1</sup>	3,700min <sup>-1</sup>	3,700min <sup>-1</sup>
<b>Net Weight (Skin)</b>	0.9kg	1kg	0.9kg	1.2kg	0.9kg	1.3kg	0.98kg	1kg	1kg
<b>Voltage</b>	18V	18V	18V	18V	18V	18V	40V	40V	40V

4 optimised application modes

### Wood Mode



**Wood Mode**  
For driving long screws

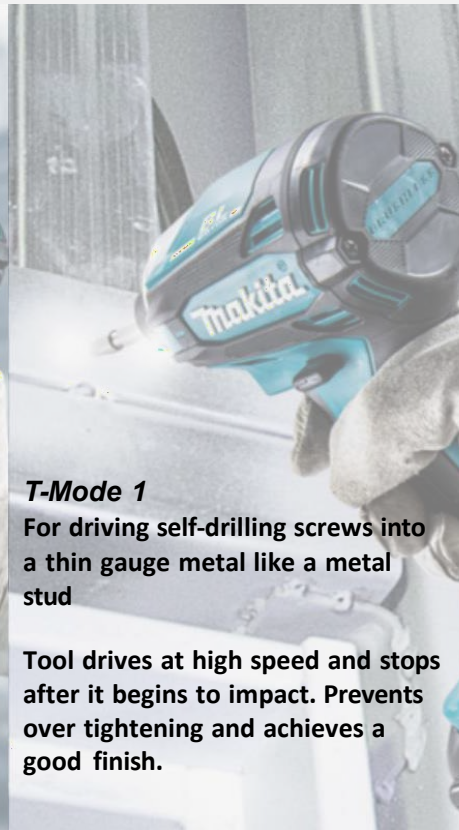
Drives at low speed so the user can get the screw started, then once fastening begins the impact driver automatically increased to maximum speed to drive home the screw.

### Bolt Mode



**3 Bolt Mode**  
For tightening/ loosening bolts

### T-Mode 1



**T-Mode 1**  
For driving self-drilling screws into a thin gauge metal like a metal stud

Tool drives at high speed and stops after it begins to impact. Prevents over tightening and achieves a good finish.

### T-Mode 2



**T-Mode 2**  
Driving self-drilling screws to a thick gauge metal

Tool drives at high speed and slows down rotation after it begins to impact. Preventing the screws from breaking or stripping

## Standard Accessories

	<p>346317-0 251314-2</p>	<p>Belt Hook Belt hook screw</p>
--	------------------------------	--------------------------------------

## Optional Accessories

	<p>B-28329 B-28335 B-28488 B-28494 B-28503 B-28519 B-28357 B-28341 B-39512</p>	<p><b>25mm Phillips Drive</b> PH1 x 25mm Gold Torsion Screwdriver Bit 2Pk PH2 x 25mm Gold Torsion Screwdriver Bit 2Pk PH2 x 25mm Wood Torsion Grip Bit 2Pk PH2 x 25mm Wood Torsion Grip 5Pk PH2 x 25mm Metal Enduro Torsion 2Pk PH2 x 25mm Metal Enduro Torsion 5Pk PH2 x 25mm Gold Torsion Screwdriver Bit 5Pk PH3 x 25mm Gold Torsion Screwdriver Bit 2Pk PH2x 25mm Gold Torsion Bit Fliptop Case 15Pk</p>
	<p>B-42189 B-42195 B-42204</p>	<p><b>30mm Phillips Drive</b> PH1 x 30mm Impact Gold ShorTon Bit 2Pk PH2 x 30mm Impact Gold ShorTon Bit 2Pk PH3 x 30mm Impact Gold ShorTon Bit 2Pk</p>
	<p>B-28167 B-39160 B-28307 B-28313 B-28189 B-39528</p>	<p><b>50mm Phillips Drive</b> PH1 x 50mm Magnetic Gold Torsion Bit 2Pk PH2 x 50mm Magnetic Gold Double Torsion 2Pk PH2 x 50mm Magnetic Wood Torsion Gold 2Pk PH2 x 50mm Magnetic Metal Enduro Gold 2Pk PH3 x 50mm Magnetic Gold Torsion 2Pk PH2 x 50mm Gold Torsion Bit Fliptop Case 10Pk</p>

## Optional Accessories

	<p>B-28363 B-28379 B-28385 B-39556</p>	<p><b>25mm Square Head</b> SQ1 x 25mm Gold Torsion Screwdriver Bit 2Pk SQ2 x 25mm Gold Torsion Screwdriver Bit 2Pk SQ3 x 25mm Gold Torsion Screwdriver Bit 2Pk SQ2 x 25mm Gold Torsion Bit Fliptop Case 15Pk</p>
	<p>B-42298 B-42307 B-42313</p>	<p><b>30mm Square Head</b> SQ1 x 30mm Impact Gold ShorTon Bit 2Pk SQ2 x 30mm Impact Gold ShorTon Bit 2Pk SQ3 x 30mm Impact Gold ShorTon Bit 2Pk</p>
	<p>B-28195 B-28204 B-28210 B-39562</p>	<p><b>50mm Square Head</b> SQ1 x 50mm Impact Gold ShorTon Bit 2Pk SQ2 x 50mm Impact Gold ShorTon Bit 2Pk SQ3 x 50mm Impact Gold ShorTon Bit 2Pk SQ2 x 50mm Gold Torsion Bit Fliptop Case 10Pk</p>
	<p>B-28525 B-28531 B-28531-24</p>	<p><b>Magnetic Bit Holders</b> 66mm Gold Torsion 1/4" Hex Bit Holder 1Pc Ultra Mag 71mm Gold Torsion Bit Holder 1 Pc Ultra Mag 71mm Gold Torsion Bit Holder 24Pc</p>
	<p>B-42422</p>	<p><b>Mag Boost</b> Increases magnetism by 17 times</p>
	<p>Impact X Fastening Bits</p>	<p><a href="#">Link to Impact X Accessories Website</a></p>