

Makita[®]

18V Brushless 4-Stage Impact Driver

LXT



DTD172

18V Brushless 4-Stage Impact Driver

Makita has a tradition of innovation in the cordless impact driver category, and the 18V LXT Brushless 4-Speed Impact Driver (DTD172) sets new standards. The DTD172 offers users four speeds, as well as Makita's exclusive application modes for increased fastening control. The unique application models use the brushless motor's electronic controls to find the best balance of speed and torque for each application for more efficient fastening. Another precision setting is Tightening Mode (T-mode), which downshifts and reduces rotation and impact speed prior to driving the screw into place, and is engineered to minimize screw thread stripping, screw breakage and damage to work. The DTD172 delivers industry-leading performance in a compact and ergonomic design.

Added features include the one-touch 4-speed power selector button under the chuck, which enables one-handed speed changes, and reverse rotation auto-stop mode which stops rotation and impact when the fastener is loosened adequately to help prevent over-loosening and dropped fasteners.



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** – tool head has been re-designed to be slimmer than the previous model enabling the tool to have greater access to 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.
- **Enhanced Anvil Holder** – material change from needle bearing to ball bearing provides reduction of bit wobbling. Providing more stability and control when fastening.
- **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.
- **4-Speed Power Selection** – 4 electronic speeds allow the user to adjust the power, speed and impact rate to suit the fastening application.

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

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.

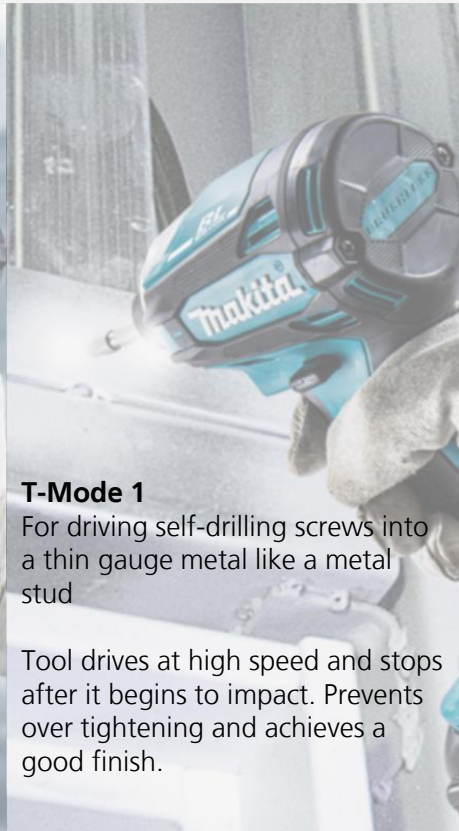
Bolt Mode



3 Bolt Mode

For tightening/ loosening bolts

T-Mode 1

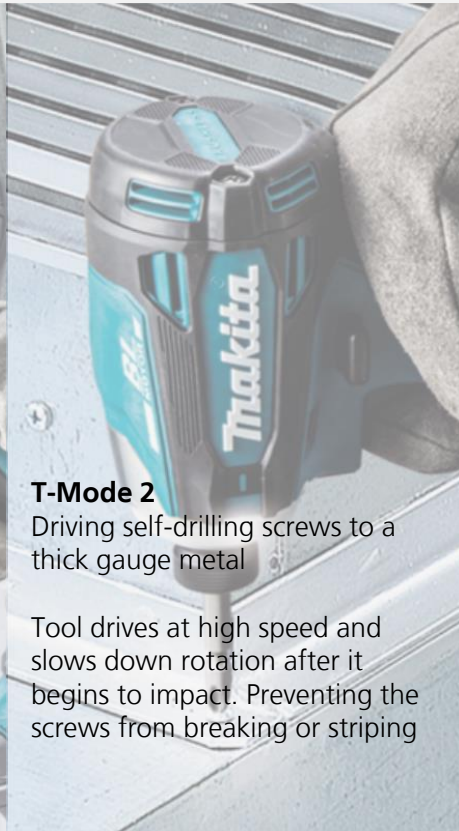


T-Mode 1

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

Product Replacement

	NEW – DTD172	Discontinued - DTD171
		
Max. capacities standard bolt	M5 -M16	M5 -M16
Max. capacities high tensile bolt	M5 -M14	M5 -M14
No load speed	Max.: 0 - 3,600rpm / Hard: 0 - 3,200rpm Med: 0 - 2,100rpm / Soft: 0 - 1,100rpm	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.: 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	Max.: 180Nm / Hard: 170Nm Med: 50Nm / Soft: 20Nm
Drive shank	6.35mm(1/4") Hex	6.35mm(1/4") Hex
Overall length	114mm	116mm
Skin weight	0.9kg	1.0kg
Weight (with battery)	1.5kg (BL1860B)	1.6kg (BL1860B)
Voltage	18V	18V

Standard Accessories

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

	<p>Impact XPS Accessory Catalogue</p>	<p>Impact XPS Last up to 90 x longer compared to standard bits</p>
	<p>Impact X Accessory Catalogue</p>	<p>Impact X Precision machined tips with superior fitment for full contact fit and longer life</p>
	<p>Standard Bit Range Accessory Catalogue</p>	<p>Standard Screwdriving Bit Range</p>
	<p>Metal Drilling Accessory Catalogue</p>	<p>Metal Drilling 1/4" Hex Shank designed for impact drivers</p>
	<p>Threaded Rod & Hollow Socket Adaptors</p>	<p>Threaded Rod & Hollow Socket Adaptors Fastest tool available to tighten or loosen threaded rods</p>