

# 18V Mobile Brushless 4-Mode Impact Driver



DTD154



**BL**  
MOTOR



Model No.	Barcode	Description	Packaging Dimensions LxWxH (cm)	Packaged Item Weight (kg)
DTD154Z	0088381824125	18V BRUSHLESS IMPACT DRIVER	21 x 17 x 8	1.04
DTD154RFE	0088381824156	18V BRUHSLESS IMPACT DRIVER 2 X BL1830 DC18RC CARRY CASE	41 x 31 x 15	5.16
DTD154RTE	0088381824194	18V BRUHSLESS IMPACT DRIVER 2 X BL1850B DC18RC CARRY CASE	41 x 31 x 15	5.16

# Product Objectives



- Designed to suit the needs of carpenters, plumbers, electricians and kitchen fitters for applications such as tightening or drilling screws
- Develop a 18V mobile brushless impact driver with a high rotation speed, compact design and t-mode for teks screws
- The DTD154 replaces the DTD148



# Product Overview

**Makita**

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One touch bit installation

Twin LED job light

Variable speed control trigger

Electronic 3 stage impact selection  
+ T:Mode

Compact overall length

Ergonomic lightweight design

**XPT**  
EXTREME PROTECTION TECHNOLOGY



# Product Specification Sheet



Capacities	Machine screw	M4-M8
	Standard bolt	M5-M16
	High strength bolt	M5-M14
	Coarse thread	22-125mm
Driving shank	6.35mm (1/4") Hex	
Impacts per minute	0-3,800 / 2,600 / 1,100	
No load speed	0-3,600 / 2,100 / 1,100	
Max tightening torque	175N.m	
Weight with BL1860B	1.5kg	

- **One touch bit installation** – no need to pull back sleeve for bit installation simply press the required bit into the shank
- **Twin LED joblight** – with pre-glow and after-glow function illuminates widely maintaining brightness
- **Variable speed control trigger** – user can control the speed of the driver at the trigger allowing complete control
- **Electronic 3 stage impact selection + T:mode** – speed and impact can be reduced or T:mode selected by the touch of a button
- **Brushless motor** – maintenance free and highly efficient the motor produces more power and longer runtimes
- **Compact overall length** – most compact in its class with an overall length of only 117mm
- **Ergonomic lightweight design** – provides comfortable grip and more control while minimizing hand fatigue and pain
- **XPT eXtreme Protection Technology** – dust and drip proof performance is enhanced for use in outdoor applications or harsh environments

# Advantages

**Makita**

## Performance



## Innovation



T:Mode: Tightening mode for self drilling screws into metal

## Control



More compact overall length then previous model

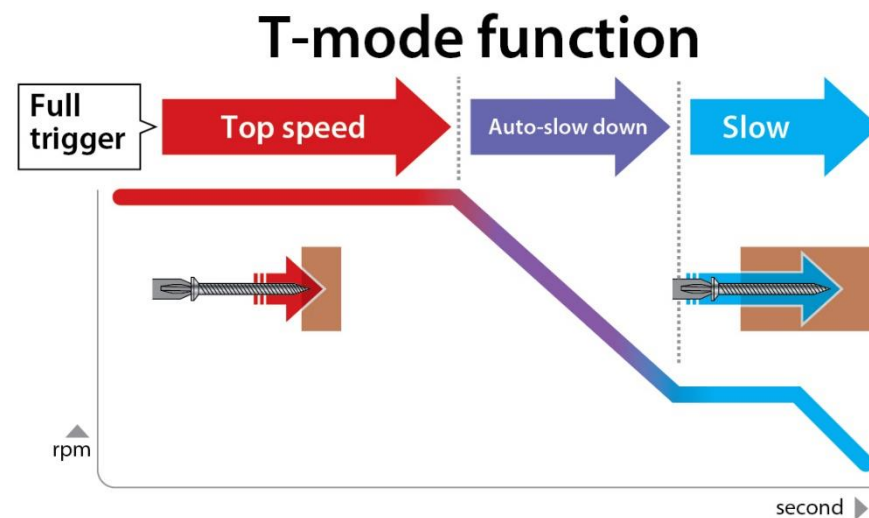
## Efficiency



Easy to operate touch operation panel



## T-mode: Tightening mode for self drilling screws into metal

T-Mode is a mode optimum for fast tightening of self drilling screws without damaging the screw or the workpiece. In this mode, the tool first drills at maximum 3,600rpm, screw manufactures recommend a minimum of 2,500rpm for the screw to pierce the metal. When the tool begins to impact a built in electronic controller automatically reduces the rotational speed and the impact rate in order not to damage the screw head or work material.



# Replacement Product



	DTD154	DTD148
	 <b>BL</b> MOTOR	 <b>BL</b> MOTOR
Driving shank: mm (")	6.35 (1/4) Hex	6.35 (1/4) Hex
Impacts per minute: ipm	0-3,800 / 2,600 / 1,100	0-3,800 / 2,600 / 1,100
No load speed: rpm	0-3,600 / 2,100 / 1,100	0-3,600 / 2,100 / 1,100
Max tightening torque: N.m	175	175
Overall length: mm	<b>117</b>	119
Weight with BL1860B: kg	1.5	1.5

# Our Range



	DTD170	DTD154	DTD148	DTD153	DTD129	DTD152
	 <b>BL</b> MOTOR	 <b>BL</b> MOTOR	 <b>BL</b> MOTOR	 <b>BL</b> MOTOR	 <b>BL</b> MOTOR	 <b>BL</b> MOTOR
Driving shank: mm (")	6.35 (1/4) Hex	6.35 (1/4) Hex	6.35 (1/4) Hex	6.35 (1/4) Hex	6.35 (1/4) Hex	6.35 (1/4) Hex
Power selection	4 stages +self drilling mode + assist mode	3 stages +self drilling mode	3 stages +self drilling mode	Single stage	Single stage	Single stage
Impacts per minute: ipm	0-3,800 / 3,600 / 2,600 / 1,100	0-3,800 / 2,600 / 1,100	Hi:0-3,800 / Med:2,600 / Lo:1,100	0-3,600	0-3,200	0-3,500
No load speed: rpm	0-3,600 / 3,200 / 2,100 / 1,100	0-3,600 / 2,100 / 1,100	Hi:0-3,600 / Med:2,100 / Lo:1,100	0-3,400	0-2,500	0-2,900
Max tightening torque: N.m	175	175	175	170	160	165
Overall length: mm	117	117	119	126	147	137
Weight with BL1860B: kg	1.5	1.5	1.5	1.5	1.5	1.5

# Accessories



## Standard Equipment



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Belt Clip

## Optional Equipment



B-28329  
B-28335  
B-28488  
B-28494  
B-28503  
B-28519  
B-28357  
B-28341  
B-39512

### 25mm Phillips Drive

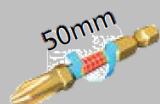
PH1 x 25mm Gold Torsion Screwdriver Bit 2Pk  
PH2 x 25mm Gold Torsion Screwdriver Bit 2Pk  
PH2 x 25mm Wood Torsion Grip Bit 2Pk  
PH2 x 25mm Wood Torsion Grip Bit 5Pk  
PH2 x 25mm Metal Enduro Torsion 2Pk  
PH2 x 25mm Metal Enduro Torsion 5Pk  
PH2 x 25mm Gold Torsion Screwdriver Bit 5Pk  
PH3 x 25mm Gold Torsion Screwdriver Bit 2Pk  
PH2x 25mm Gold Torsion Bit Fliptop Case 15Pk



B-42189  
B-42195  
B-42204

### 30mm Phillips Drive

PH1 x 30mm Impact Gold ShorTon Bit 2Pk  
PH2 x 30mm Impact Gold ShorTon Bit 2Pk  
PH3 x 30mm Impact Gold ShorTon Bit 2Pk



B-28167  
B-39160  
B-28307  
B-28313  
B-28189  
B-39528

### 50mm Phillips Drive

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

## Optional Equipment



B-28363  
B-28379  
B-28385  
B-39556

### 25mm Square Head

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



B-42298  
B-42307  
B-42313

### 30mm Square Head

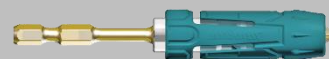
SQ1 x 30mm Impact Gold ShorTon Bit 2Pk  
SQ2 x 30mm Impact Gold ShorTon Bit 2Pk  
SQ3 x 30mm Impact Gold ShorTon Bit 2Pk



B-28195  
B-28204  
B-28210  
B-39562

### 50mm Square Head

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



B-28525  
B-28531  
B-28531-24

### Magnetic Bit Holders

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



B-42422

### Mag Boost

Increases magnetism by 17 times



### Hex Shank HSS-TiN Impact Drill Bit

3-13mm Metal drill bits