

# T ECHNICAL INFORMATION



New Tool

**Models No.** ▶ 6073D, 6073DW

**Description** ▶ MAKITA Cordless driver drill

## CONCEPT AND MAIN APPLICATIONS

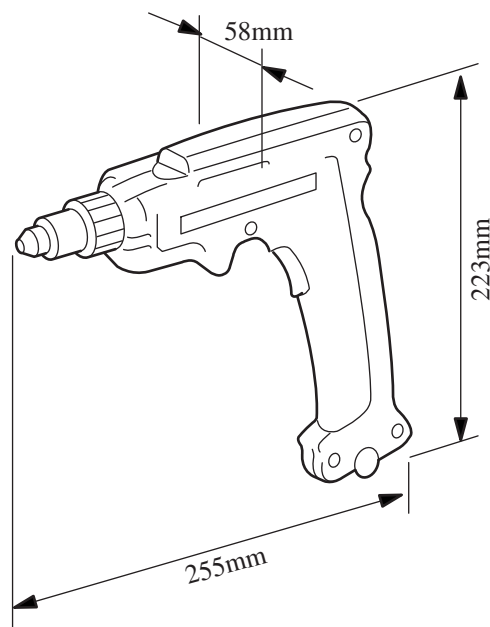
Just like 6093D, this cordless driver drill is driven with 7.2 V battery

1. The torque can adjusted in 12 steps.
2. Two speed mechanical change.
3. Variable control switch.
4. Electric break
5. Over current relay

<notes>

6073D is the model No. without battery & charger.

6073DW is the model No. without battery & charger.



## ► Specifications

Voltage(V)	Current(A)	Frequency(Hz)	Consumed power(W)	Rated output(W)	Max. output(W)
7.2	-	-	-	-	-

<b>Motor</b>		DC 7.2 V magnet motor
<b>No load speed</b>	<b>High</b>	0-850/min
	<b>Low</b>	0-300/min
<b>Chuck capacity</b>		1.5-10 mm
<b>Drilling capacity</b>	<b>Wood</b>	15 mm
	<b>Steel</b>	10 mm
<b>Screwing capacity</b>	<b>Wooden screw</b>	5.1 x 35
	<b>Small screw</b>	6 mm
	<b>Nut</b>	6 mm
<b>Max. fastening torque</b>		80kg-cm
<b>Net weight</b>		1.45 kg (Battery included)

## ► Standard equipment

Chuck key S10 --- One piece

Steel case Bit 2-65 --- One piece (Only for 6073DW)

## ► Optional accessories

Battery 7000

Fast Charger DC7012(automotive)

Please refer General Catalogue for other accessories.

The standard equipment for the tools shown may differ from country to country

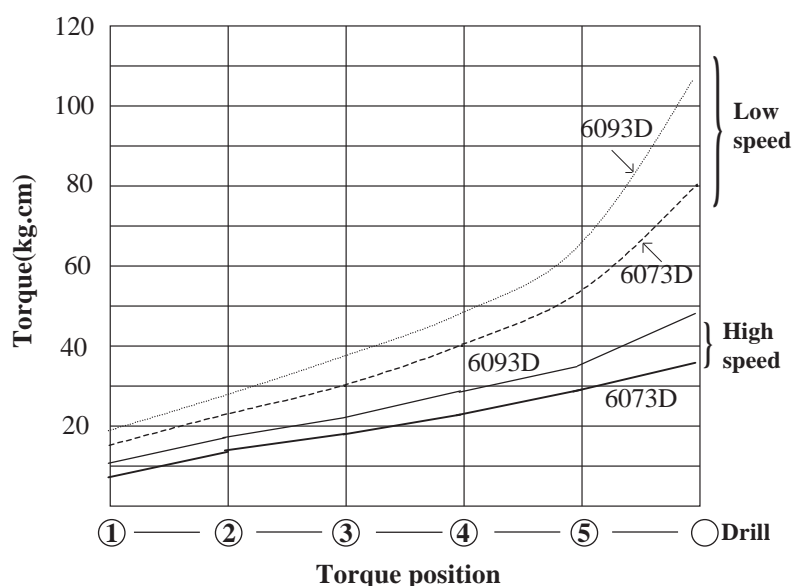
## ► Features and benefits

- (1) The torque can be adjusted in 12-step.[Each 6-step for both high/low speeds]
- (2) Since the switching of the torque can be adjusted at the edge(changing ring) of the machine, changing adjustment can be easily done with visible condition.
- (3) The 2-speed mechanical change provides the excellent working efficiency for screwing and drilling.
- (4) The non-step variable speed switch enables to position the wooden screw or drill easily and the best rotation for the application can be selected.
- (5) Electric break allows to stop the operation at the desired position, thereby enabling easy screwing.
- (6) The overload protector(auto return type) is mounted for protecting the motor and switch from overload.
- (7) The body weight including the battery is 1.45 kg, lighter than 6093D(1.7 kg).
- (8) The RPM in high speed is 0-850/min., higher than 6072D, thereby enabling the higher working efficiency.
- (9) The relief corner just above the switch, for hanging the fingers, and the constricted handle allows to hold the machine in well balance and to control the switch in well manner.
- (10) The 6073DW with steel carrying case.

## ► Capacity

### 1) Torque & Torque position chart

For comparison, the torque for 6093D is shown. The torque are the ones when the new clutch cam is used.(Other than the drill position, the clutch may be worn out through using, thereby the fastening force is deteriorated by 20 % around.)



### 2) Adjusting position for the fastening force switching ring and the work capacity

The below table shows the work capacity for each adjusting position expressing in the nominal diameter of screw and the drill diameter. Since they may vary depending on the material, it is only for reference.

Applications		Speed mode	Adjusting position for torque					Drill
			1	2	3	4	5	
Screw fastening	Small screw	High	M4		M5			(Note 2)
		Low	M5		M6			
	Wooden screw	High			3.1	3.5	4.1	4.5
		Low	3.1		4.5		5.1	5.1
Drilling	Steel	High	Use in drill mode					15-10
		Low						Same as above
	Wood	High						9
		Low						12,15

(Note 2) As the clutch does not work at drill position, do not fasten the small screws.

3) Working with charged battery --- Same as 6072D and 6012D.(The below table is only for reference.)

	Size (mm)	Material	Number of screwing
<b>Wooden screw</b>	3.5x20	Lauan	500 pieces
	4.5x20		400 pieces
	*5.1x35		90 pieces

(Note 3) The values marked by \* in the table are the one for low speed and others are the ones for high speed.

	Drill dia.(mm)	Material	Plate thickness(mm)	Number of drilling
<b>Steel</b>	3	Cold rolling steel plate	1.6	200
	6.5			40
	3	Aluminum plate	1.6	650
	10			110
<b>Wood</b>	9	Lauan	25	300
	*15			90