

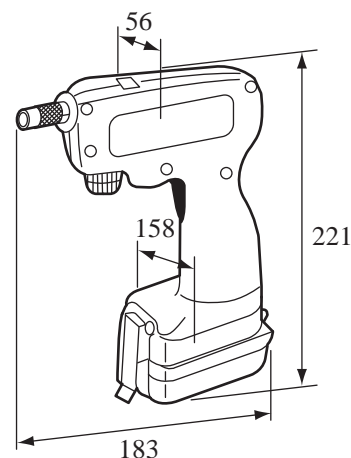
Models No. ▶ 6791D

Description ▶ MAKITA Cordless Screw Driver

CONCEPTION AND MAIN APPLICATIONS

Makita Cordless Screw Driver provides high efficiency function. The driver is stopped by clutch action when screw is tightened and at the same time switch is turned off the electric circuit automatically and brake is applied to stop motor rotation. Then the driver provides small variation in its tightening torque availing battery energy effectively without eliminating energy loss. We also have developed new type battery [DC9000 and DC9100 battery charger are used.] to obtain improved machine balance.

Model 6791D is battery mounted type without charger. Model 6791DW is battery mounted type with charger.



► Specifications

DC magnet motor	
No load speed (R.P.M.)	400/min
Driver bit	6.35 mm hex bit
Function	Variable torque adusting Tightening torque value [Minimum 20 kg-cm ~ Maximum 100 kg-cm]

► Standard equipment

Phillips bit 2-45, 3-45

► Optional accessories

Phillips bit 2-45, 2-65, 2-82, 2-110, 2-150, 2-250, 3-45, 3-65, 3-110

Minus bit 5-4.5, 5-82, 6-70, 6.35-45, 8-45, 8-70, 10-52, 10-70, 10-52

Socket bit 7-55, 8-55, 10-55, Makita battery 9100, 12V rapid charger [DC9012] for vehicle

► Features and benefits

- (1) Following features and benefits can be obtained because switch circuit is automatically interrupted at the same time clutch is activated.
 1. Variation of tightening torque is small and high accuracy is obtained.
 2. Battery energy is effectively used because useless hitting of clutch is eliminated.
 3. Quiet operation is maintained because hitting sound of clutch is reduced as short as possible.
 4. Durability of clutch is excellent and tightening torque is stabled.
- (2) Following features and benefits can be obtained by adoption of new type battery.
 1. Machine balance is improved.
 2. Easy to grip because gripping of around switch portion of handle becomes slim.
- (3) Continuous operation can be effectively performed because motor brake makes motor rotation stop immediately.
- (4) Wide range of tightening torque can be changed in step-less.

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

► Capacity

1. Tightening torque for screw

- (1) Numerical numbers 2, 3, 4, ••• 10 x 10 multiple [kg-cm] written in scale on change knob for tightening torque are standard value for screw tightening torque.
- (2) Tightening torque standards is varied depending on screw type and material type being tightened.
Torque variation for similar work is within \pm about 5%.
- (3) Tightening torque value indicates tightening torque of screw but does not indicate activated torque of clutch.
(Activated torque value of clutch is smaller than tightening torque value by about 30%.)

2. Capability of tightening torque of screw

- (1) Number of screw capable to tighten by one charging

Nominal size of screw

Screw length	Two times of nominal size	Capable tightening number
M4 (Pitch 0.7)	8 mm	About 650 pieces
M5 (Pitch 0.8)	10 mm	About 650 pieces
M6 (Pitch 1.0)	12 mm	About 650 pieces

- (2) Number of screw capable to tighten by one charging does not change so much depending on nominal screw size.
This is because that difference required load current for each screw size is relatively small and required time difference to tighten due to pitch (Refer to above table.) difference of screw diameter size is almost the same.

► Repairing

1. Disassembling

(1) Unscrew when disassembling is made.

Housing can not be disassembled when screws are tightened.

2. Wiring diagram

