

# T ECHNICAL INFORMATION



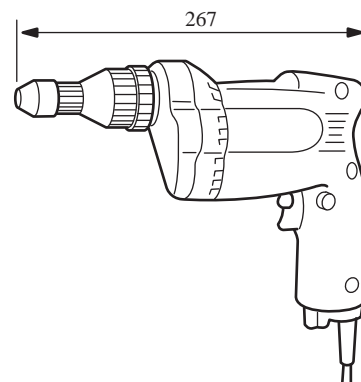
New Tool

**Models No.** ▶ 6805BV

**Description** ▶ MAKITA Screw driver

## CONCEPT AND MAIN APPLICATIONS

This is the screw driver for use in the wide range of applications including the tex screw, the hexagon bolt and up to the wooden screw, wherein the 6-step torque adjusting function is additionally built in the screw driver 6802BV for tex, and the low noise mechanism in turning under no load is adapted.



## ► Specifications

Voltage(V)		Current(A)	Cycle(Hz)	Continuous rating		Max. output(W)
				Input(W)	Output(W)	
Domestic	100	4.5	50-60	400	190	450
Export		5.5		510	260	
115		4.8	50-60	510	260	450
200		2.8	50-60	510	260	450
220		2.5	50-60	510	260	450
230		2.4	50-60	510	260	450
240		2.3	50-60	510	260	450

No load speed (R.P.M.)		0-2,500/min.
Hexagonal opposite side		6.35 mm
Capacities	Machine screw	M8
	Wood screw	6.2 mm
Net weight		1.9 kg
Power supply cord		2.5 m

## ► Standard equipment

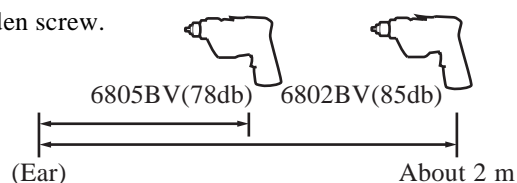
Steel case : One piece  
+ Bit 2-45 : One piece

## ► Optional accessories

+ Bit : 2-65, 2-110, 2-150, 2-250, 3-45, 3-65, 3-110  
Socket bit : 7-55, 8-55, 10-55, 3/8-55, 10-70, 13-55, 14-55  
Front cap : 15.5

## ► Features and benefits

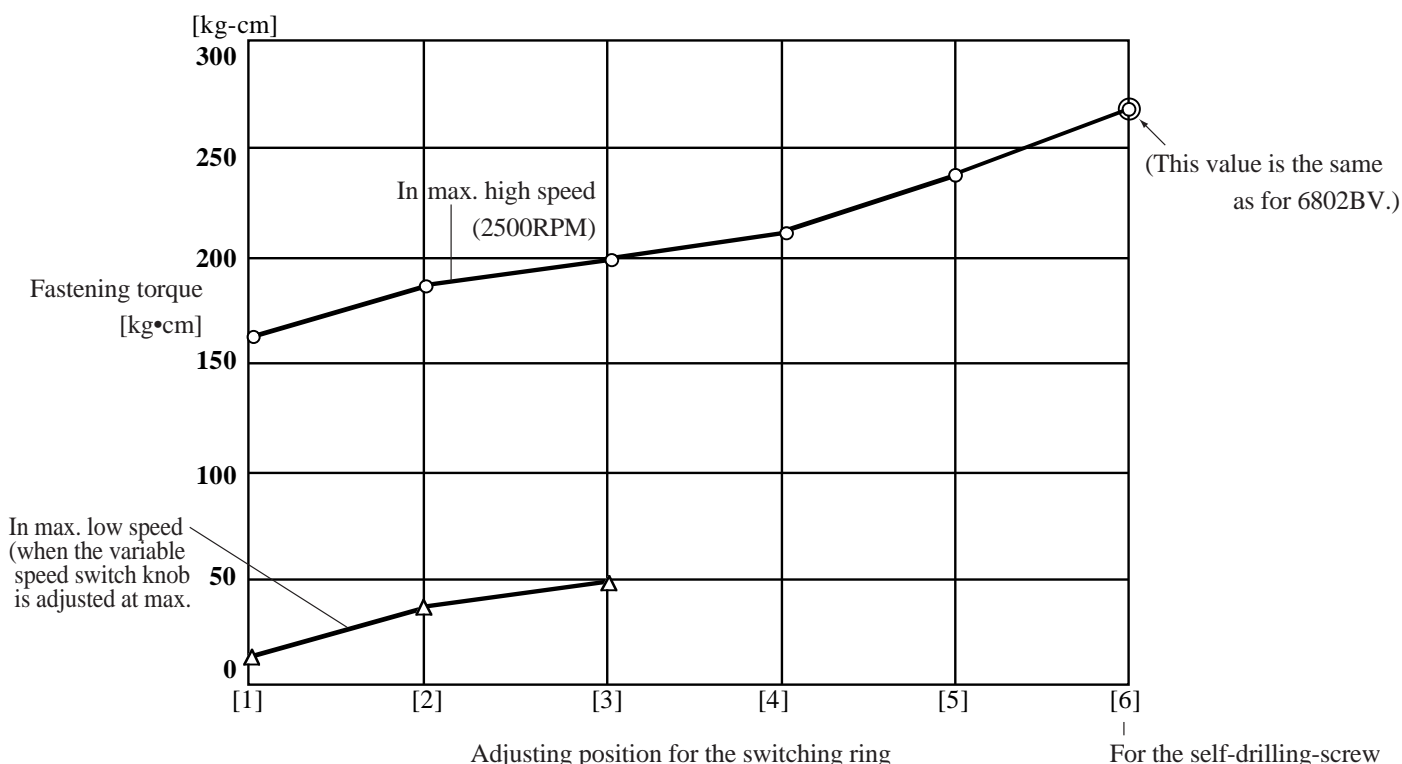
- 1.The torque can be easily adjusted in 6-step from outside and the machine can be used for various applications including the tex screw, small screw, hexagon bolt and up to the wooden screw.
- 2.The noise level in turning under no load has been reduced.  
(Comparison with the 6802BV : When apart from the noise source as shown on the figure, you can hear it with the same noise level.)
- 3.The stopper can be adjusted easily only through turning the adjust sleeve.
- 4.Since the front cap and the bit can be easily replaced, the tex screw can be easily replaced with the hex screw.
- 5.The non-step variable speed switch allows to fasten the small screw and to position the wooden screw easily.



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

## ► Capacity

### 1) The adjusting position for the fastening torque switching ring and the fastening torque (reference values)



Note 1) Do not set at the max. low speed while the switching ring is at positions of " 4" - " 6 ". (Since the clutch does not work, the motor will be locked.)

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

**[Small screw] : M5-M8**

Note) Set the adjusting position of the switching ring at " 1" - "3".

**[Wooden screw]**

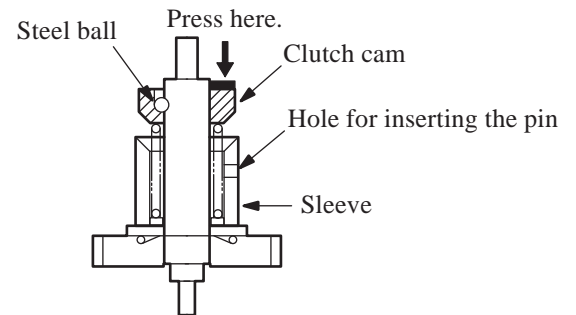
[shown below]						
Size	[1]	[2]	[3]	[4]	[5]	[6]
3.5						Self-drilling-screw sure to use the stopper.(Since the clutch may not work.)
4.1						
4.5						
5.1						
5.8						
6.2						

Note 1) The above table shows the work capacity for each adjusting position expressing in the nominal diameter of screw. Since the values may vary depending on the material, they are only for reference.

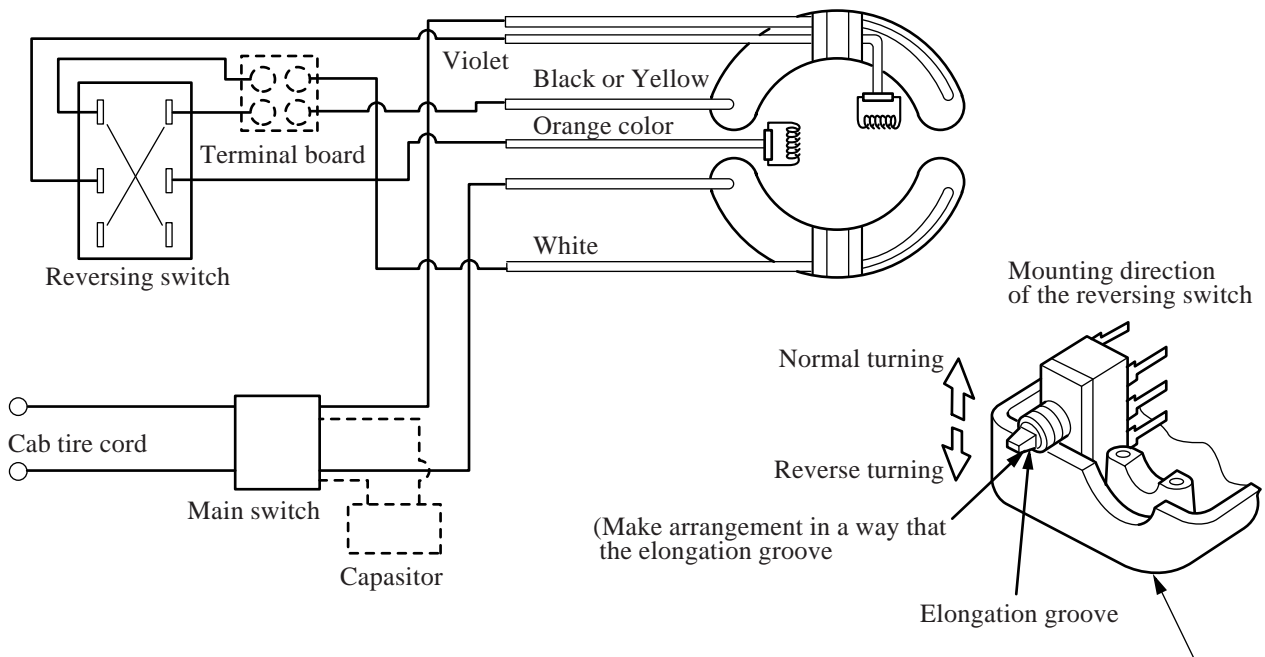
**[Self-drilling-screw] : 5, 6 mm**

Note 1) Set the adjusting position of the switching ring at "6" and be sure to use the stopper.  
(Since the clutch may not work.)

- 1.The clutch cover is fastened by the left-hand-screw.
- 2.Disassemble the clutch cam after removing the steel ball by pressing the clutch cam as shown on the right figure.



## ► Circuit drawing



Note 1) Since the number of the terminal board is not displayed on the reversing switch, check the position on the right figure.

Note 2) The portion marked by the dashed line may vary depending on the specifications in the various countries.

Note 3) The field line marked by the

⊗ may vary depending on the voltage as shown on the below figure.

Voltage	Color
100V	Black
105-130V	Sky Blue or gray or black
200V	Light brown
220V	Blue
230-250V	Red