

TECHNICAL INFORMATION



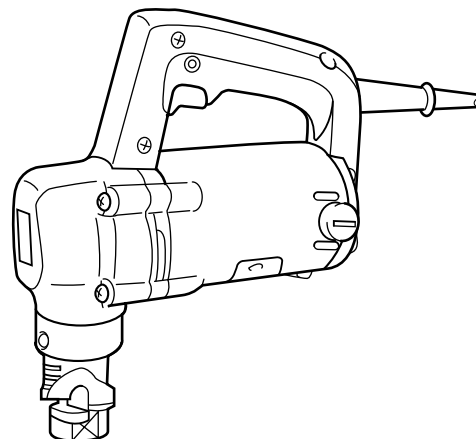
New Tool

Models No. JN3200

Description MAKITA Nibbler

CONCEPTION AND MAIN APPLICATIONS

The Nibbler JN3200 was developed to serialize Nibblers followed #JN1600 as well as to promote our sales in metal machine industry. The main body is double-insulation structure so that it may be very easy to use and so small in both weight and size with good durability.



Specifications

Voltage (V)	Current (A)	Cycle (Hz)	Continuous rating input (W)
100	7.0	50/60	660

Maximum Capacity(mm)	Soft steel plate	3.2mm
	Stainless plate	2.5mm
Cut width(mm)		8mm
Skinned lower hole		42mm or more
Minimum cut radius(mm)	Inside	120mm
	Outside	128mm
No. of Striking(/min)		1300
Overall length(mm)		215mm
Net Weight		3.4kg
Power supply cord(m)		2.5m

Standard equipment

Washer ---2 pieces(adjusting height for attaching dice).
Spanner50---1 piece(attach/remove locknut)
Hexagonal stick spanner 3-----1 piece(attach/remove die)

Optional accessories

Punch
Die

Features and benefits

- 1) You can work by one hand easily because of light-weight handy type
- 2) Copying cut of straight/curved line is very easy
- 3) As the die(die casting)can be regrinded, it is economical
- 4) You can adjust insert intervals of materials and decrease vibration at cutting
- 5) Max. Capacity Indication Gauge(Plate-thickness-gauge)is attached
- 6) If you make a lower hole over 42mm, you can treat skinning in the middle
- 7) As it is easy to see the cut part, you can follow the marking off line exactly

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

► Repair

Disassembly/Assembly

1) Exchange of Punch

Hitch the accessory spanner50 to a small hole in outer circumference of locknut, hit the handle slightly with hammer, and remove the locknut(Turned left, and it becomes loose). Take off the die holder , remove screws by turning left, and the punch will comes off. In assembly, be sure to fasten tightly both locknut and screws.

If they becomes loose during operation, the gear may be broken or the motor may be burnt.

2) Assembly of Inner part of Gear housing

Since the structure is the same as that of #JN1600, you can assemble in the same way. Also, be careful well so that the stop ring or washer may not fall off.

► Life of Blades

The blade life depends on the board thickness to be cut or lubricating condition. Generally, you can judge it according to the following list.

Lubrication	Blade	Life
Yes	Punch	Exchange after cutting 300m of 3.2mm steel plate
	Dice	Grind after cutting 600m of 3.2mm steel plate
No	Punch	Exchange after cutting 150m of 3.2mm steel plate
	Dice	Grind after cutting 300m of 3.2mm steel plate

*When cutting 2.5 mm stainless plates (SUS430), then life becomes a half length of the above.