

TECHNICAL INFORMATION



New Tool

Models No. ▶ HM1140C

Description ▶ DEMOLITION HAMMER

CONCEPTION AND MAIN APPLICATIONS

Model HM1140C is the sister version of the existing Model HM1100C, HM1140C is for 3/4" Hex. 21/32" Round shank bit (BOSCH type). Its brief benefits are;

Bit can be installed by sliding Tool holdercover, and machining mark on chuck and groove on Bit.

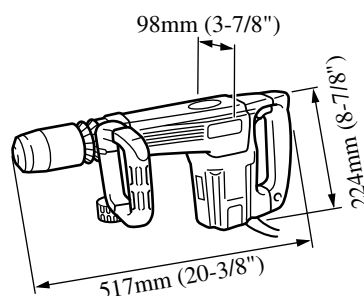
*Superior protection from dust by anti-dust Tool holder cap

*Electrical speed control features

*Variable speed control

*Soft start

*Steady speed



► Specifications

Voltage (V)	Current (A)	Cycle (Hz)	Continuous Rating (W)		Max. Output(W)
			Input	Output	
100	11.0	50/60	1050	450	1050
115	9.6	50/60	1050	450	1050
200	5.5	50/60	1050	450	1050
220	5.0	50/60	1050	450	1050
230	4.8	50/60	1050	450	1050
240	4.6	50/60	1050	450	1050

No load speed	1300-2600 bpm
Bit Type	3/4" Hex 21/32" Round shank bit
Net weight	6.3kg (13.9 lbs)
Cord length	5m (16.4 ft)

► Standard equipment

Grease Vessel (Bit grease)-----1 pc. 1 pc. (100g) (0.22 lbs)

Plastic Carrying Case-----1 pc. (HP2032 only)

[Note] The standard equipment may differ from country to country.

► Optional accessories

Bull point 19-300

Bull Point 19-450

Cold Chisel 26-300

Cold Chisel 26-450

Scaling Chisel 50-300

Grooving Chisel 22-300

Grooving Chisel 26-300

Clay Spade 105-400

Rammer 140

Bushing Tool

Ground Rod Adapter 20

Blow-out Bulb 64

Grease Vessel (30g)

► Features and benefits

1. Double insulated
2. See the sheets attached for more information.

► Features and benefits

Adapted for 3/4" Hex 21/32" Round Shank Bit (Bosch shank)

Superior Protection from dust

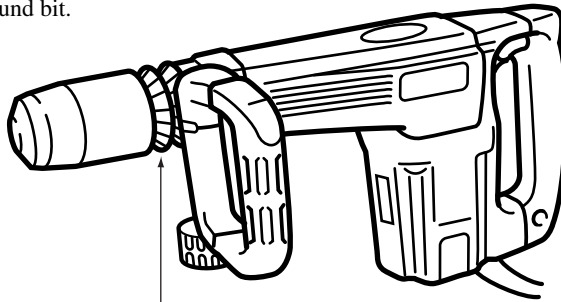
HM1140C is the first model with superior dust protection among the models for 3/4" Hex 21/32" round bit.

Sliding Tool holder cover

Bit can be installed by sliding holder cover and machinf mark on chuck and groove on bit.

Bit can be set at 12 different angles

Bit's angle can be changed while bit in Tool holder by pushing Change ring forward and turning it.

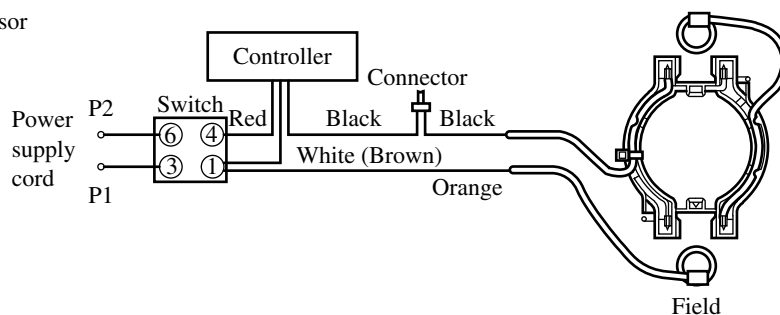


Features as described below are same as HM1100C

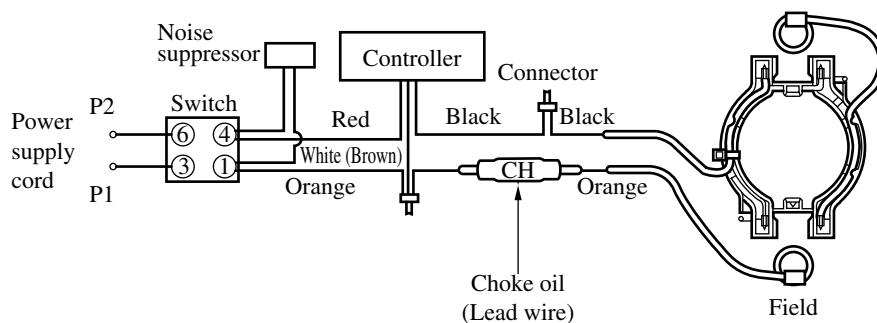
- *Equipped with dial for variable speed
- *Steady speed and soft start
- *No hammering when idling
- *D-side handle
- *Large handle
- *On-off slide switch
- *Thick commutator of armature

► Wiring diagram

Without Noise Suppressor



With Noise Suppressor



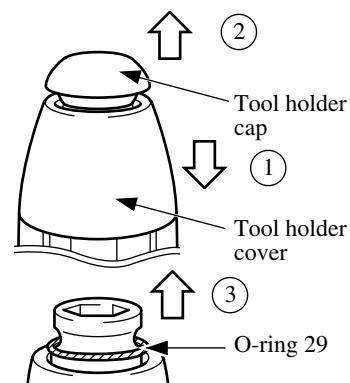
► Repair

Procedures other than below are same as for HM1100C.

Disassembly and assembly of tool holder.

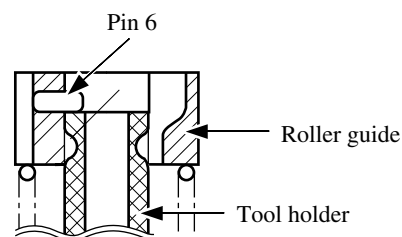
(1) Disassembly

Pull off tool holder cover by one hand (1) and remove tool holder cap by the other hand (2). Then remove O-ring 29 (3) and take the tool holder apart.

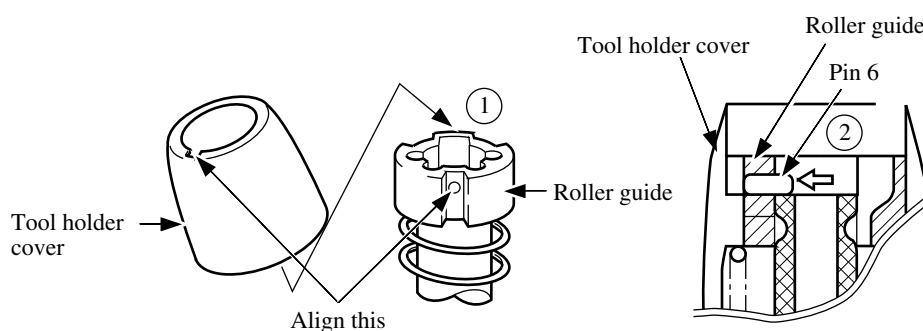


(2) Assembly

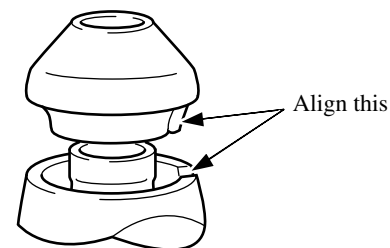
1. Fix roller guide with pin 6 as shown in the right figure.



2. Align notch on the tool holder cover to the position of pin 6 and set the tool holder cover on (1). Insert the pin 6 into the roller guide (2) and pull down the tool holder cover, then attach the O-ring 29 and the tool holder cap.



3. Align projection on the surface of the tool holder cap with the notch of the tool holder cover and assemble them. After this make sure that the tool holder cap does not rotate.

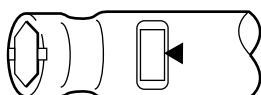


Grease up point (x mark) (Points differing from HM1100C are shown.)

(1) Disassembly

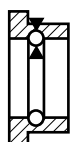
Pull off tool holder cover by one hand (1) and remove tool holder cap by the other hand (2). Then remove O-ring 29 (3) and take the tool holder apart.

© Makita Grease N No.2



Roller 2

© Makita Grease R No.00

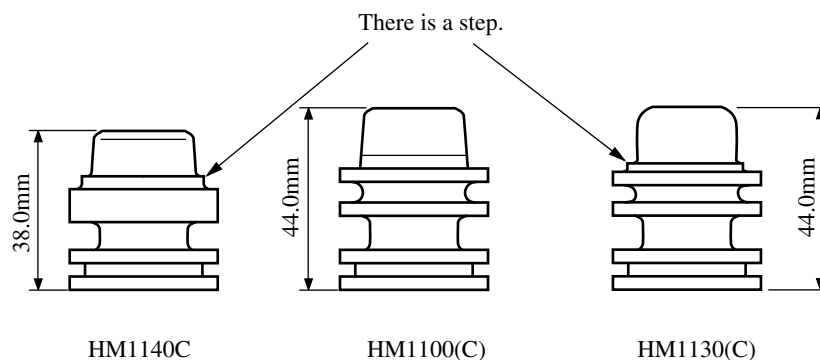


Whole circumference on O-ring 22 inside the sleeve guide

Interchangeability between HM1100(C) and HM1130(C)

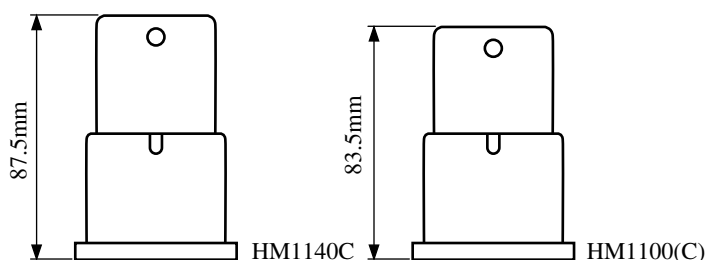
(1) Striker

Take care that the striker of HM1100(C) and HM1130(C) cannot be used to HM1140C.



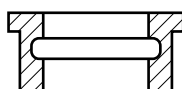
(2) Tool holder support

Tool holder support of HM1100(C) cannot be used because it's length is 4mm longer.

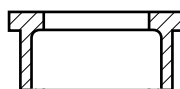


(3) Sleeve guide

HM1140C uses the same sleeve guide as of HM1130(C). The sleeve guide for HM1100(C) cannot be used.



HM1140C
HM1130(C)



HM1100(C)

(4) Parts other than listed below are common to HM1100(C).

HM1140C uses the same sleeve guide as of HM1130(C). The sleeve guide for HM1100(C) cannot be used.

Tool holder cap,
Tool holder support,
Compression spring 47

Tool holder cove,
Roller 12
Sleeve guid

Tool holder
Roller guid
Striker

► Wiring diagram

