

# TECHNICAL INFORMATION



PRODUCT

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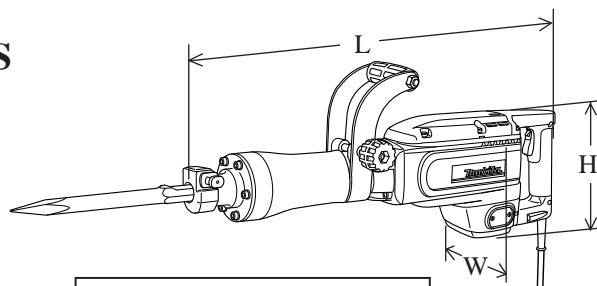
**Models No.** ▶ HM1304

**Description** ▶ Demolition Hammer

## CONCEPTION AND MAIN APPLICATIONS

Model HM1304 Demolition Hammer has been developed as a successor to the existing Makita Model HM1303, and as a Demolition Hammer conformable to requirements of the new European noise regulation which will be effective from 2006.

Model HM1304 features extremely low noise level although it performs better than HM1303.



Dimensions : mm ( " )	
Length ( L )	647 (25-1/2)
Height ( H )	219 (8-5/8)
Width ( W )	115 (4-1/2)

## ► Specification

Voltage (V)	Current (A)	Cycle (Hz)	Continuous Rating (W)		Max. Output(W)
			Input	Output	
110	14.0	50 / 60	1,500	900	1,600
200	7.9	50 / 60	1,500	900	1,600
220	7.2	50 / 60	1,500	900	1,600
230	6.9	50 / 60	1,500	900	1,600
240	6.6	50 / 60	1,500	900	1,600

Blows per min.: (min-1=bpm)	1,450
Shank :mm (")	30 (1-3/16) hex
Single blow energy ( J )	27.5
Protection from electric shock	by double insulation

## ► Standard equipment

\* Bull point 410 ..... 1 pc.

< Note > The standard equipment for the tool shown may differ from country to country.

## ► Optional accessories

\* Bull point 410

\* Cold chisel 36 x 410

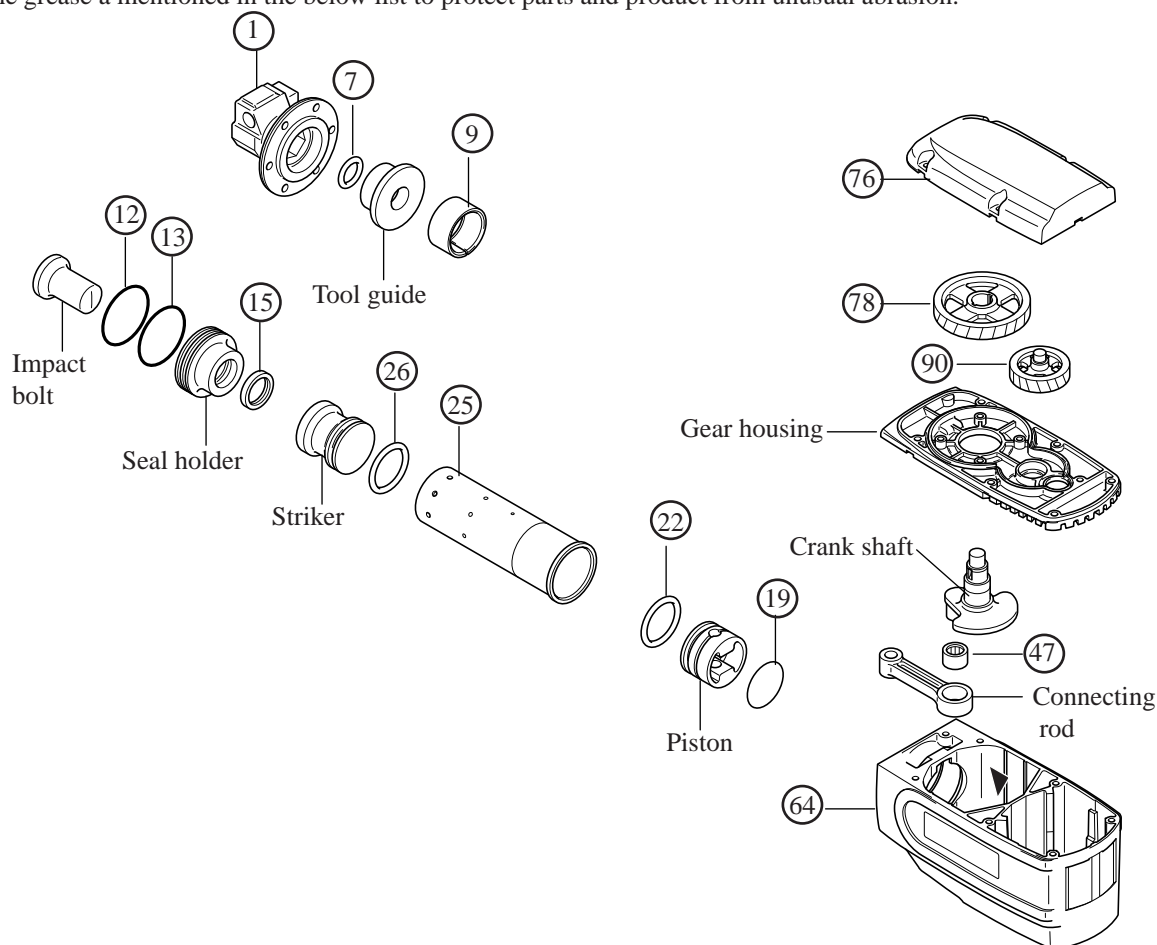
\* Scaling chisel 100-310

\* Clay spade 120-500

\* Rammer 200

## < 1 > Lubrication

Apply the grease a mentioned in the below list to protect parts and product from unusual abrasion.



Item No.	Parts	The portion to be lubricated	The grease to be applied	The amount to be applied: g (oz.)
1	Tool holder	Inside where contacts hammer bit.	MAKITA grease R No.00	0.5 (0.02)
7	O Ring 24		MAKITA grease R No.00	0.5 (0.02)
9	Idler	Inside where contacts impact bolt.	MAKITA grease R No.00	0.5 (0.02)
12 / 13	O Rings 61		MAKITA grease R No.00	0.5 (0.02)
15	X Ring 30		MAKITA grease R No.00	0.5 (0.02)
19	O Ring 47		MAKITA grease R No.00	0.5 (0.02)
22	O Ring 44		MAKITA grease R No.00	0.5 (0.02)
25	Cylinder liner	Inside where piston and striker reciprocate	MAKITA grease R No.00	5.0 (0.18)
26	O Ring 44		MAKITA grease R No.00	1.0 (0.05)
47	Needle bearing 1715	Outside where contacts connecting rod's hole.	MAKITA grease R No.00	0.5 (0.02)
64	Crank housing	The portion where marked with black arrow.	MAKITA grease R No.00	60.0 (2.12)
76	Gear housing cover	The side where helical gear 57 and helical gear 34 are mounted.	MAKITA grease N No.1	30.0 (1.06)
78	Helical gear 57		MAKITA grease N No.1	30.0 (1.06)
90	Helical gear 34		MAKITA grease N No.1	30.0 (1.06)