



DH 40MEY



Specifications		
Capacity	Drill bit: 40mm (1-9/16") Core bit: 105mm (4-1/8")	
Power Input	1,150W	
Bit Shank	SDS max	
No Load Speed	250 - 500/min	
Full Load Impact Rate	1,430 - 2,850/min	
Overall Length	477mm (18-4/5")	
Weight (including side-handle)	7.5kg (16.5 lbs.)	
Vibration Total Values (triax vector sum)*	Hammer drilling into concrete	Vibration emission value : ah, HD = 8.0m/s ² Uncertainty K = 1.5 m/s ²
	Equivalent chiselling value	Vibration emission value : ah, CHEq = 7.3m/s ² Uncertainty K = 1.5m/s ²
Standard Accessories	Side Handle, Stopper, Rotary Hammer Grease A, Carrying Case	

*The tri-axial vibration values were measured according to EN60745-2-6.

Optional Accessories*

Drilling work for through-hole drilling (rotation + hammering)

Drill Bit (SDS max shank)

D (mm)	L (mm)	Code No.
16 (5/8")	340 (13-3/8")	313448
	540 (21-1/4")	313456
19 (3/4")	340 (13-3/8")	313449
	540 (21-1/4")	313457
22 (7/8")	320 (12-5/8")	313450
	520 (20-15/32")	313458
25 (1")	320 (12-5/8")	313451
	520 (20-15/32")	313459
28 (1-1/8")	370 (14-9/16")	313452
	570 (22-7/16")	313460
32 (1-1/4")	370 (14-9/16")	313453
	570 (22-7/16")	313461
38 (1-1/2")	370 (14-9/16")	313454
	570 (22-7/16")	313462
40 (1-37/64")	370 (14-9/16")	313455
	570 (22-7/16")	313463

Drilling work for anchor holes (rotation + hammering)

Drill Bit (taper shank)

D (mm)	L (mm)	Code No.
11.0 (7/16")	100 (4")	944460
12.3 (15/32")	110 (4-5/16")	944461
14.3 (9/16")	110 (4-5/16")	944462
14.5 (9/16")	110 (4-5/16")	944500
17.5 (11/16")	120 (4-3/4")	944463

(2) Taper dimension	Code No.
Morse taper No. 1	313464

(3) Cotter	Code No.
	944477

SDS-plus Shank Bit Adapter (SDS max shank)

	Code No.
	313465

Hole drilling

Name	Code No.
13mm Drill Chuck (13VLD-D) with Chuck Wrench	321813
Chuck Adapter	313468

Boring work for large-diameter holes (rotation + hammering)



(1) Core Bit D (mm)	Guide Plate	Code No.
25 (1")	—	955994
29 (1-1/8")	—	955995
32 (1-1/4")	●	955996
35 (1-3/8")	●	955998
38 (1-1/2")	●	956000
45 (1-3/4")	●	955154
54 (2-1/8")	●	955155
64 (2-1/2")	●	956002
79 (3-1/8")	●	955157
94 (3-11/16")	●	956004
105 (4-1/8")	●	955159

(1) Core Bit D (mm)	(2) Center Pin L (mm)	Code No.
32 (1-1/4") - 38 (1-1/2")	147 (5-25/32")	956009
45 (1-3/4") - 105 (4-1/8")	133 (5-1/4")	955165

(1) Core Bit D (mm)	(3) Core Bit Shank L (mm)	Code No.
25 (1") - 35 (1-3/8")	300 (11-13/16")	313466
38 (1-1/2") - 105 (4-1/8")	300 (11-13/16")	313467

Chemical anchor holes drilling work (rotation + hammering)

Socket Square Size (mm)	Code No.
12.7 (1/2")	313469
19.0 (3/4")	313470

Demolishing work (hammering)

L (mm)	Code No.
280 (11")	313471
400 (15-3/4")	313472

Groove digging and edging (hammering)

L (mm)	Code No.
280 (11")	313473
400 (15-3/4")	313474

Cutting and stripping (cutting asphalt etc.) (hammering)

L (mm)	W (mm)	Code No.
400 (15-3/4")	50 (2")	313475

Scooping work (hammering)

L (mm)	Code No.
400 (15-3/4")	313476

Tamping work (hammering)

(1) Rammer L (mm)	(2) Shank (SDS max shank) L (mm)	Code No.
150 (5-29/32")		313478
220 (8-21/32")		313479

Surface roughing work (hammering)

(1) Bushing Tool Code No.	(2) Shank (SDS max shank) L (mm)	Code No.
	220 (8-21/32")	313477
	220 (8-21/32")	313479

Rotary Hammer Grease

Type	Code No.
500g type	335781
60g type	335782

* Optional accessories may vary by country or area.

Hitachi Rotary Hammer
DH 40MEY



HITACHI
Inspire the Next



Top Performance and Speed

with High Efficiency Brushless Motor

Best in class¹
Up to **40%**²
Higher Demolition Performance

Best in class¹
Up to **20%**³
Faster Drilling Speed

Industry First⁴



High efficiency & Maintenance-free

AC Brushless Motor

¹ As of November 2014. Among 40mm class rotary hammers made by leading power tool manufacturers, surveyed by Hitachi Koki.
² A comparison of the model DH40MEY and the previous model DH40MRY. The results may vary depending on operating conditions.
³ A comparison of the model DH40MEY and the previous model DH40MRY. Mean value for drilling into concrete with drill bits between 16mm and 40mm diameters. The results may vary depending on operating conditions.
⁴ As of November 2014. Among rotary hammers made by leading power tool manufacturers, surveyed by Hitachi Koki.



USER VIBRATION PROTECTION ALUMINIUM HOUSING BODY

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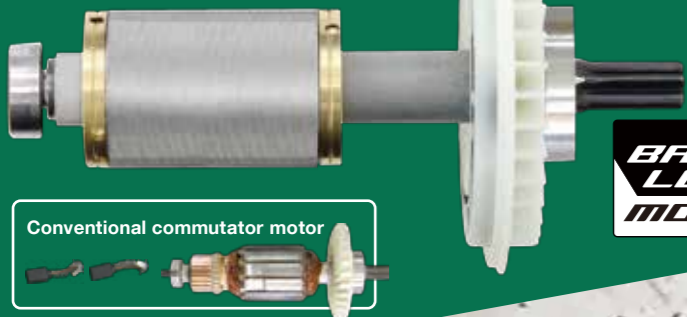
Industry First¹ AC Brushless Motor

Maintenance-free

Significantly extended product life cycle

No more troubles with armature burnout, layer short or commutator wear.

No carbon brush replacement required



Fastest drilling speed in its class² even at voltage drops

Efficient brushless motor offers higher drilling performance even with an extension cord.

Compatible with engine generators

Designed to be powered by engine generators as well, thanks to Hitachi's original compact and high efficiency inverter circuit.

High efficiency



Top Performance and Speed

with High Efficiency Brushless Motor

Highest² Demolition Performance and Fastest² Drilling Speed in its class

Achieved by high efficiency brushless motor and optimised hammering mechanism.



Best in class²
Up to **40%**³
Higher Demolition Performance

Best in class²
Up to **20%**⁴
Faster Drilling Speed

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Mean value for drilling into concrete with drill bits between 16mm and 40mm diameters. The results may vary depending on operating conditions.

Reduced vibration and improved operating efficiency

Approx. 15%³ lower vibration achieved by the advanced dynamic vibration absorber.

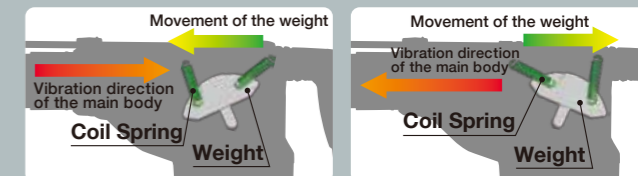
Approx. **15%**³
Lower Vibration Value



UVP

USER VIBRATION PROTECTION

1 Hitachi's original, spring-type dynamic vibration absorber



Hitachi's original, spring-type dynamic vibration absorber with a weight and two springs moves in the opposite direction to the vibration direction of the main body. This results in reduced vibration and improved operating efficiency.

2 Vibration-absorbing handle

Vibration-absorbing mechanism with the transitory unit and the Neidhardt spring provides high vibration-absorbing effect.

Improved handling

3 Push-button, constant speed control with variable speed



Equipped with a built-in electronic control circuit that can adjust the impact rate according to applications. Four-step impact rates can be selected by the rotation speed selector switch.

Display Lamp				
No Load Speed	250/min	330/min	410/min	500/min
Full Load Impact Rate	1,430/min	1,900/min	2,370/min	2,850/min

4 One push action for quick bit mounting



A bit can be mounted by simply inserting it into the tool holder.

5 Large change lever



Up-sized mode change lever is located on the top of the tool body for easier operation.

6 Large trigger switch



Up-sized, easy-to-grip trigger switch for more control.

High durability

AHB

ALUMINIUM HOUSING BODY

The internal double-insulation construction with a very sturdy aluminium die-cast body and a plastic internal stator holder, is incorporated.

This makes the housing more rigid, significantly enhancing durability of the motor unit.

