

HiKOKI

Rotary Hammers



28mm | 3-mode | DH 28PEC



28mm | 3-mode | DH 28PCY2



28mm | 2-mode | DH 28PBY2



28mm | 3-mode | DH 28PMY2



26mm | 3-mode | DH 26PC2



26mm | 2-mode | DH 26PB2



24mm | 3-mode | DH 24PH2



24mm | 2-mode | DH 24PG2



Specifications

Model		DH 28PEC	DH 28PMY2	DH 28PCY2 DH 28PBY2	DH 26PC2 DH 26PB2	DH 24PH2 DH 24PG2
Brushless Motor		●				
UVP (User Vibration Protection)		●	●	●		
Quick Release Chuck			●			
Auto Stop Function		●				
2-step Rotation Speed		●				
RFC (Reactive Force Control)		●				
Elastomer-covered Side Handle		●	●	●	●	
Capacity	Concrete	28mm	28mm	28mm	26mm	24mm
	Steel			13mm		
	Wood			32mm		
	Core Bit			50mm		
Power Input		900W	850W	850W	830W	730W
Bit Shank		SDS-plus				
No Load Speed		0 - 950/min	0 - 1,100/min	0 - 1,100/min	0 - 1,100/min	0 - 1,050/min
Full Load Impact Rate		0 - 4,300/min	0 - 4,300/min	0 - 4,300/min	0 - 4,300/min	0 - 3,950/min
Overall Length		355mm	393mm (with Drill Bit Holder) 428mm (with Drill Chuck Holder)	360mm	349mm	
Weight ^{*1}		3.0kg	3.1kg	3.0kg	2.8kg	2.8kg
Vibration Total Values ^{*2} (Triax Vector Sum)	Hammer Drilling into Concrete Vibration emission value ah, HD =	10.7m/s ²	11.2m/s ²	11.2m/s ²	14.3m/s ²	14.5m/s ²
	Uncertainty K =	1.5m/s ²	1.5m/s ²	1.5m/s ²	1.5m/s ²	1.5m/s ²
	Equivalent Chiselling Value ^{*3} Vibration emission value ah, Cheq =	9.8m/s ²	9.9m/s ²	9.9m/s ²	11.3m/s ²	11.5m/s ²
	Uncertainty K =	1.5m/s ²	1.5m/s ²	1.5m/s ²	1.5m/s ²	1.5m/s ²
Standard Accessories ^{*4}		Side Handle, Depth Gauge, Carrying Case, Drill Chuck Holder (DH28PMY2 only)				

^{*1}. Weight according to EPTA-Procedure 01/2003 (incl. the side handle but excl. a cord).
^{*2}. The vibration total values were determined according to EN60745.
^{*3}. Excluding the 2-mode model DH28PBY2, DH26PB2 and DH24PG2.
^{*4}. Standard accessories vary by country or area.

Distributed by:



Koki Holdings Co., Ltd.

HiKOKI

HIGH PERFORMANCE POWER TOOLS

Rotary Hammers

28mm	3-mode	DH 28PEC/DH 28PMY2
28mm	3-mode/2-mode	DH 28PCY2/DH 28PBY2
26mm	3-mode/2-mode	DH 26PC2/DH 26PB2
24mm	3-mode/2-mode	DH 24PH2/DH 24PG2



Fast & Smooth Drilling

Highest Drilling Speed in its class^{*1}
 Lowest Vibration in its class^{*2} & Compact Body
 Built-in Auto Stop Function^{*3}



DH 28PEC
(Drill bit sold separately)

BRUSHLESS^{*3}
Brushless Motor

RFC^{*3}
REACTIVE FORCE CONTROL

UVP^{*4}
USER VIBRATION PROTECTION

^{*1}. As of July 2019. Among 28mm rotary hammers (DH28PEC), 26 - 28mm rotary hammers with quick release chuck (DH28PMY2) and 26mm rotary hammers (DH26PC2/PB2) made by leading power tool manufacturers. (Survey by Koki Holdings) ^{*2}. As of July 2019. Among 28mm rotary hammers (DH28PEC), 28mm rotary hammers excluding the DH28PEC (DH28PCY2/PBY2) and 26 - 28mm rotary hammers with quick release chuck (DH28PMY2) made by leading power tool manufacturers. (Survey by Koki Holdings) ^{*3}. For the DH28PEC only. ^{*4}. For the DH28PEC, DH28PCY2/PBY2 and DH28PMY2.

Fast & Smooth Drilling

Fast

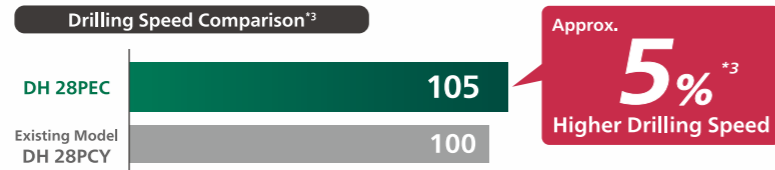
Highest Drilling Speed in its Class*1

Smooth

Lowest Vibration in its Class*4 & Compact Body

Highest Drilling Speed in its Class*1

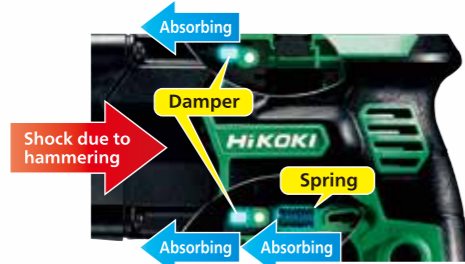
Provided by stable rotation and hammering with constant speed control.*2



Operating condition: Mean values for drilling into concrete in the downward direction with drill bits between 8mm and 28mm in diameter.

Lowest Vibration in its Class*4

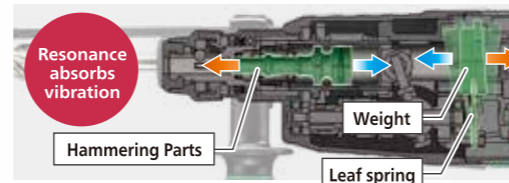
DH 28PEC: Vibration to the handle from the mounted bit is reduced using dampers and a spring that absorb the shock due to hammering.



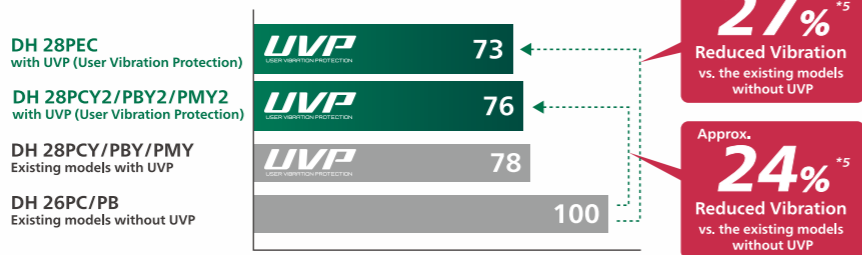
UVP

USER VIBRATION PROTECTION

DH 28PCY2/DH 28PBY2/DH 28PMY2: A dynamic damper containing a leaf spring and a weight absorbs vibration by resonating with the tool body.



Vibration Value Comparison (approx.)*5



Compact Body

The shortened overall length results in better handling.

Shorter than the existing 24mm rotary hammers*6



DH 28PEC (Drill bit and dust collector sold separately)

DH 28PCY2 (Bull point sold separately)

Improved Quick Release Chuck for DH 28PMY2

Easy to fit Redesigned holders and holder mount

Quick change between the SDS-plus drill bit holder and the drill chuck holder allows efficient use of the rotary hammer for a wide range of applications.



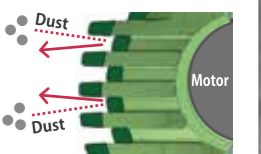
Note: 1. Use the machine with the drill chuck holder attached in Rotation only mode. 2. These holders are not interchangeable with those of the existing model DH28PMY.

New Construction for Motor Protection

For reducing the ingress of dust and debris into the tool Labyrinth Ventilation Windows



A section of the labyrinth ventilation windows



Double ventilation windows (inlets) in labyrinth construction does less harm to the motor by reducing the ingress of dust and debris into the tool.

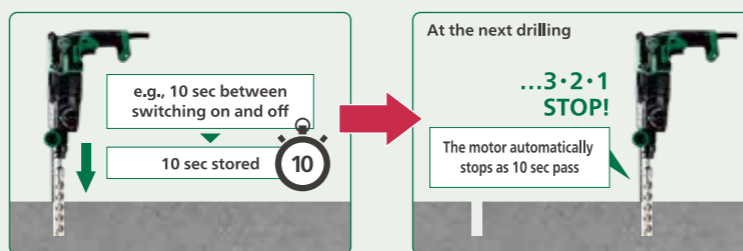
Features for DH 28PEC

- Supporting stable drilling
- Improving efficiency during continuous operation

Built-in Auto Stop Function

Effective when drilling continuously. Once one drilling time is stored on the tool, the motor automatically stops as the stored time passes.

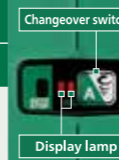
Caution Auto Stop Function is to record the drilling time but not to ensure the drilling depth. It may not provide the same drilling depth owing to operator position, pushing force and variation among the work pieces. Please use the tool with a depth gauge to avoid inconsistent drilling depth.



Changeable according to applications

2-step Rotation Speed

Makes it easy to drill a fragile material by pressing the changeover switch to reduce the rotation speed and impact rate.



Against sudden overburdening

Reactive Force Control



When the tool bit is suddenly overburdened during operation, the slip clutch works or the built-in controller stops the motor output before the entire tool jerks.

Caution Depending on operating conditions, the Reactive Force Control function may not work or may not provide the specified performance. Please make sure that the workpiece is placed and supported properly, and that the main unit is held firmly during operation.

Features for Better Operation

Located on the side of the tool body for easy operation Large Change Lever



- Rotation only**
For drilling in steel and wood etc. (with optional drill chuck and chuck adapter)
- Rotation & Hammering**
For drilling into concrete etc.
- Hammering only** (3-mode models only)
For chiselling of concrete and groove digging etc.



Angle Adjustment Function
(3-mode models only)
When using a cold chisel or cutter, the angle of the tool tip can be adjusted by setting the change lever as shown on the left.

Soft and easy to grip Elastomer-covered Side Handle

(DH 28PEC/DH 28PCY2/DH 28PBY2/DH 28PMY2/DH 26PC2/DH 26PB2)

Easy to insert a bit One-push Bit Mounting



BRUSH LESS
Brushless Motor

HiKOKI Original Brushless Motor Technology

- No wearing parts (carbon brushes, commutator, rotor coil)
- HiKOKI original compact controller

Long Lifetime, Maintenance-free

Compact, Lightweight

Stable Performance during Voltage Drops

Compatible with Engine Generators

*1. As of July 2019. Among 28mm rotary hammers (DH28PEC), 26 - 28mm rotary hammers with quick release chuck (DH28PMY2) and 26mm rotary hammers (DH26PC2/PB2) made by leading power tool manufacturers. (Survey by Koki Holdings) *2. For the DH28PEC only. *3. Vs. the existing model DH28PCY. The value is shown for reference purposes and may vary according to materials and conditions. *4. As of July 2019. Among 28mm rotary hammers (DH28PEC), 28mm rotary hammers excluding the DH28PEC (DH28PCY2/PBY2) and 26 - 28mm rotary hammers with quick release chuck (DH28PMY2) made by leading power tool manufacturers. (Survey by Koki Holdings) *5. Vs. the existing model DH26PC/PB. The values are shown for reference purposes and may vary according to materials and conditions. *6. Except for the DH28PMY2. *7. Vs. the existing model DH28PCY/PBY, DH26PC/PB, and DH24PH/PG. *8. Vs. the existing model DH28PMY (when mounting the drill bit holder).