

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



SDS
plus
Shank

Fast & Smooth Drilling

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

NEW

DH 28PEC
(Drill bit sold separately)

**BRUSH
LESS** ^{*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.

Rotary Hammers



SDS
plus
Shank

NEW

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.

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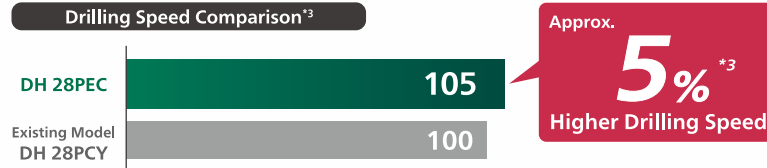
Fast & Smooth Drilling

Fast

Highest Drilling Speed
in its Class*¹

Highest Drilling Speed in its Class*¹

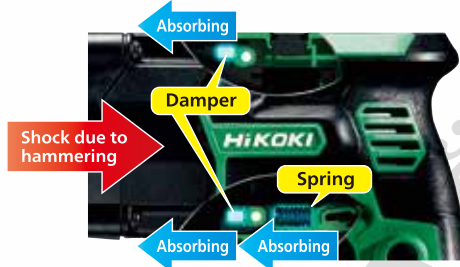
Provided by stable rotation and hammering with constant speed control.*²



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

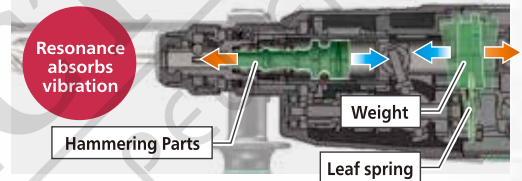
Lowest Vibration in its Class*⁴

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



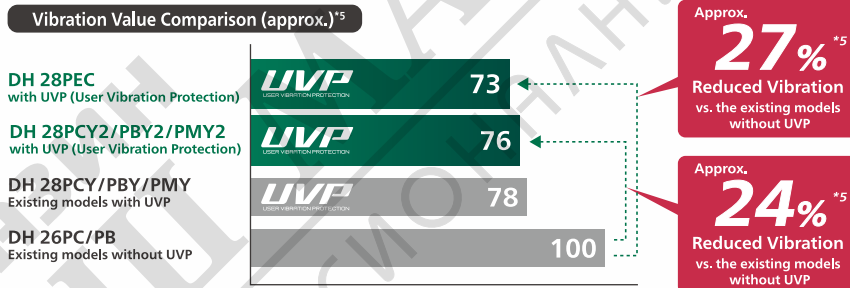
UVP
USER VIBRATION PROTECTION

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



Smooth

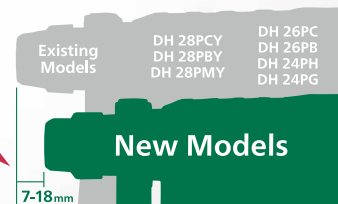
Lowest Vibration
in its Class*⁴
&
Compact Body



Compact Body

The shortened overall length results in better handling.

Shorter than the existing 24mm rotary hammers*⁶



Features for DH 28PEC

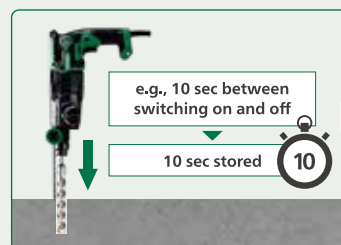
- Supporting stable drilling
- Improving efficiency during continuous operation

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.



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.



At the next drilling

...3·2·1
STOP!

The motor automatically stops as 10 sec pass

**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

Stable Performance
during Voltage Drops

Compact,
Lightweight

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 (DH28PCY2/PBY2) and 26 - 28mm rotary hammers with quick release chuck (DH28PMY2) made by leading power tool manufacturers. (Survey by Koki Holdings) *3. Vs. the existing model DH26PC/PB. The values are shown for reference purposes only. *4. Vs. the existing model DH26PC/PB. The values are shown for reference purposes only. *5. Vs. the existing model DH26PC/PB. The values are shown for reference purposes only. *6. Vs. the existing model DH26PC/PB. The values are shown for reference purposes only. *7. Vs. the existing model DH26PC/PB. The values are shown for reference purposes only. *8. Vs. the existing model DH26PC/PB. The values are shown for reference purposes only. *9. Vs. the existing model DH26PC/PB. The values are shown for reference purposes only.

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

DH 28PCY2
(Bull point sold separately)

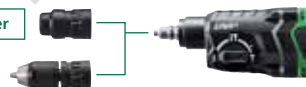
Improved Quick Release Chuck for DH 28PMY2

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.

SDS-plus drill bit holder

Drill chuck holder



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.

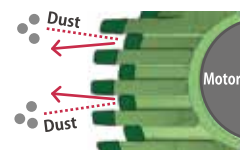
New Construction for Motor Protection

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



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.

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.

Changeover switch



Display lamp

Against sudden overburdening

Reactive Force Control

RFC
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.



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

