



Satisfy Professional's Needs

Cordless Combination Hammer BHR242, BHR243 24mm (15/16") Quick change chuck



Adapted for
SDS-PLUS bits

High Performance In All Aspects



BHR242

DX01

Photo : BHR242 & DX01
Dust extracting system set (DX01) is option
Tool does not come with Bit.

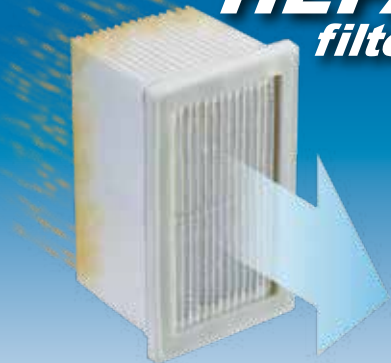


CLEAN

Dust Extraction System

This system is designed to collect dust effectively with the on-off operation of the tool's on-off trigger switch interlocked with this system.

HEPA filter



HEPA Filter

High Efficiency Particulate Air filter is widely regarded as ultimate filter that traps all sizes of particles with an efficiency rating of 99.75%.

Dust Extraction Volume

BHR242+DX01	120
Competitor H	100
Competitor D	45

Numbers in the chart are relative values when the capacities of the competitor H is indexed at 100.



Dust Box

Large dust box cover can be opened simply by pushing a single push button for easy dust cleaning.



Dust Extraction Inlet

adjustable according to bit length simply by pushing a single push button

Dust Extraction System (Option)

DX01 (for BHR242) / DX02 (for BHR243)

**Opened the Door
to Brushless Tools
in 2003**



Depth gauge adjustable for desired drilling depth

Transparent dust box for easy checking of collected dust amount

Large capacity dust box can contain more than the total amount of dust to be produced through operation on a single full battery charge.

Built-in DC motor is for exclusive use of Dust extraction system, and accordingly does not affect the drilling performance.

One-touch easy attachment/removal from the machine

Test conditions: Drilled holes to a depth of 60mm (2-3/8"), Test material: Concrete with compressive strength of 40N/mm²

Dust extracted amount¹ at horizontal drilling with ø10.5mm bit until the time required to clean the dust box²

*1: The difference of Dust extracted amount between Horizontal drilling and Vertical drilling that depend to a great extent on the design of the dust box and the filter position of the tool.

*2: "The time required to clean the dust box" is the condition that Dust extraction rate is fell to 80% or below and the dust extraction power actually drops down.



BL MOTOR

Brushless DC motor

- :: Maintenance-free due to no brush
- :: Energy production is more efficient than brushed DC motor because of no friction loss caused by brushes, enabling to lower amperage for reduced heat production and increased work amount on a single full battery charge.

More work amount on a single full battery charge

- :: Thanks to the very efficient energy production of BLDC motor, work amount on a single full battery charge is increased.
- :: Life time work amount of a battery is increased, reducing the battery cost.

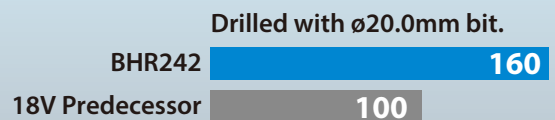
Durable against long continuous operation

- :: Use of BLDC motor lowers heat production; the temperature rise at housing surface can be reduced well even in hard industrial applications requiring continuous long operation.

MORE WORK

High performance with Brushless DC Motor

Work volume (on a single full battery charge)

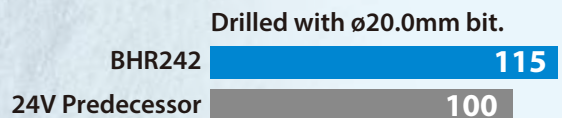


Numbers in the chart are relative values when the capacities of the 18V predecessor model is indexed at 100.
Test conditions: Drilled holes to a depth of 60mm (2-3/8")
Test material: Concrete with compressive strength of 40N/mm²

POWERFUL

Superior in drilling performance to the 24v hammer

Work speed



Numbers in the chart are relative values when the capacities of the 24V predecessor model is indexed at 100.
Test conditions: Drilled holes to a depth of 60mm (2-3/8")
Test material: Concrete with compressive strength of 40N/mm²



18V LITHIUM-ION

Excellent maneuverability achieved by in-line grip and ideal gravity point close to handle for easy machine thrust



Quick change drill chuck Type
(BHR243 only)



Lightweight

Total weight of machine + Dust extraction system:
BHR242+DX01; 4.6kg (10.2lbs)
BHR243+DX02; 4.8kg (10.6lbs)

One touch slide chuck

Reverse switch operable by one hand



40 different bit-angle settings



Unique rubber joint construction

suppresses the transmission of vibration to battery terminals, minimizing battery failures such as terminal breakage or poor electrical contact. The tool body is separated into the upper and lower housings at the foot of handle portion where the housings are jointed with vibration absorbing cushion rubbers.

Photo : BHR242
Tool does not come with Bit.



3 mode operation

Rotation + Hammering /
Hammering only / Rotation only

Dust cup set
(option)



Charger
DC18RA / DC18RC



Fast Charging
22 min

Charger
DC18RD
Charging time : 60minutes



Battery
BL1830
Higher capacity
BL1830 18V-3.0Ah



Cordless Combination Hammer

BHR242 / BHR243 24mm (15/16") Adapted for SDS-PLUS bits

- Variable Speed
- Brake
- Reversing
- Adapted for SDS-PLUS bits
- Torque Limiter
- Dust Collecting
- Carrying Case



	BHR242	BHR243 Quick change chuck
Capacity	Concrete : 24mm (15/16") Steel : 13mm (1/2") Wood : 27mm (1-1/16")	Concrete : 24mm (15/16") Steel : 13mm (1/2") Wood : 27mm (1-1/16")
Impacts per minute (ipm)	0-4,700	0-4,700
No load speed (rpm)	0-950	0-950
Dimensions (L x W x H)	328x85x213mm (12-7/8"x3-3/8"x8-3/8")	353x85x213mm (13-7/8"x3-3/8"x8-3/8")
Net Weight*	3.3kg (7.2lbs)	3.4kg (7.6lbs)

Standard Equipment :

Fast Charger, Battery Cartridge, Quick Change Drill Chuck (BHR243) , Depth Gauge, Side Grip
(Tool does not come with bit.)

*weight according to EPTA-Procedure 01/2003 *Items of standard equipment and specifications may vary by country or area.*

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