

Makita[®]

18mm SDS Plus Rotary Hammer

HR1840

HR1841F



Product Objectives

- Designed to suit the needs of demolition crews, concreters, builders, electricians plumbers and any looking to undertake masonry drilling
- Develop 2 new high class products equipped with improved impact energy and first in class 18mm rotary hammer to feature AVT
- The HR1840 replaces the HR1830.



AVT
ANTI VIBRATION TECHNOLOGY

Product Overview

HR1840 – 18mm SDS Plus Rotary Hammer



Product Specification Sheet

HR1840 – 18mm SDS Plus Rotary Hammer



| | |
|--------------------------------------|----------------------|
| Max. drilling capacities in concrete | 18mm |
| Max. drilling capacities in wood | 24mm |
| Max. drilling capacities in steel | 13mm |
| Impact energy | 1.4j |
| No load speed | 0-2,100rpm |
| Impact rate | 0-4,800ipm |
| Vibration | 10.0m/s ² |
| Noise | 87dB |
| Continuous rating input | 470W |
| Overall length | 285mm |
| Net weight | 2.0kg |
| Power supply cord | 2.0m |

- **One touch sliding chuck** – quick and easy bit changes by simply pulling the collar down with one hand
- **Torque limiter** – protects the tool and the user should the bit jam. When a certain torque level is reached the motor will disengage
- **2 operation modes** – rotation only and rotation with hammering
- **Ergonomic grip** – soft grip provides comfort and control with an ergonomic design allowing maximum thrust to the bit
- **Reversing switch** – reverses the position of the carbon bushes in order to receive maximum power in both forward and reverse. This assists should a bit jam.
- **Variable speed trigger** – allows the operator to start the drill slowly in order to correctly position the bit and control the drill speed with the trigger.

Product Overview

HR1841F – 18mm SDS Plus Rotary Hammer with AVT



AVT
ANTI VIBRATION TECHNOLOGY

Product Specification Sheet

HR1841F – 18mm SDS Plus Rotary Hammer



| | |
|--------------------------------------|---------------------|
| Max. drilling capacities in concrete | 18mm |
| Max. drilling capacities in wood | 24mm |
| Max. drilling capacities in steel | 13mm |
| Impact energy | 1.2j |
| No load speed | 0-2,100rpm |
| Impact rate | 0-4,800ipm |
| Vibration | 7.5m/s ² |
| Noise | 87dB |
| Continuous rating input | 470W |
| Overall length | 285mm |
| Net weight | 2.0kg |
| Power supply cord | 2.0m |

- **Anti Vibration Technology (AVT)** – compact AVT mechanism specially designed for small rotary hammers, no additional weight is added by this technology
- **One touch sliding chuck** – quick and easy bit changes by simply pulling the collar down with one hand
- **Torque limiter** – protects the tool and the user should the bit jam. When a certain torque level is reached the motor will disengage
- **2 operation modes** – rotation only and rotation with hammering
- **Ergonomic grip** – soft grip provides comfort and control with an ergonomic design allowing maximum thrust to the bit
- **Reversing switch** – reverses the position of the carbon bushes in order to receive maximum power in both forward and reverse. This assists should a bit jam.
- **Variable speed trigger** – allows the operator to start the drill slowly in order to correctly position the bit and control the drill speed with the trigger.

Advantages

Performance



0-4,800 Impacts per minute
1.4 Joules of impact energy

Efficiency



Rotation reversing system provides maximum power in both forward and reverse

Innovation

AVT

ANTI VIBRATION TECHNOLOGY

Extremely low vibration
Due to counterweight mechanism

Safety







Torque limiter protects the operation and the tool should the bit jam

Product Replacement

| | HR1840 - NEW | HR1830 - Discontinued |
|--------------------------------------|---|---|
| |  |  |
| Max. drilling capacities in concrete | 18mm | 18mm |
| Max. drilling capacities in wood | 24mm | 24mm |
| Max. drilling capacities in steel | 13mm | 13mm |
| Impact energy | 1.4j | 1.2j |
| No load speed | 0-2,100rpm | 0 - 1,500rpm |
| Impact rate | 0-4,800ipm | 0 - 5,000ipm |
| Vibration | 10.0m/s ² | 8.0m/s ² |
| Noise | 87dB | 88dB |
| Continuous rating input | 470W | 440W |
| Overall length | 285mm | 279mm |
| Net weight | 2.0kg | 1.7kg |
| Power supply cord | 2.0m | 2.0m |

Accessories

| Standard Accessories | | |
|---|----------|--------------------|
|  | 415486-9 | Depth gauge |
|  | 158057-6 | Side grip |
|  | 821706-5 | Plastic carry case |

| Optional Accessories | | |
|---|------------------------------------|---|
|  | Nemesis SDS Plus 5mm to 18mm | Refer to pages 161 to 164 Acc Cat 2015 / 16 |
|  | V-Plus SDS Plus 4mm to 18mm | Refer to pages Pages 156 to 160 Acc Cat 2015 / 16 |
|  | Standard SDS Plus 3.5mm to 18mm | Refer to pages 152 to 155 Acc Cat 2015 / 16 |
|  | 194683-7 | Bit grease |