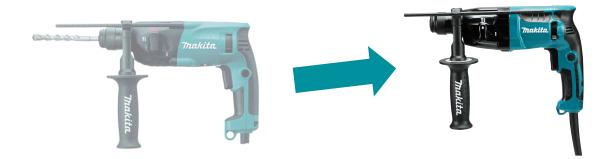
18mm SDS Plus Rotary Hammer

TI AVT makita 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.







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.



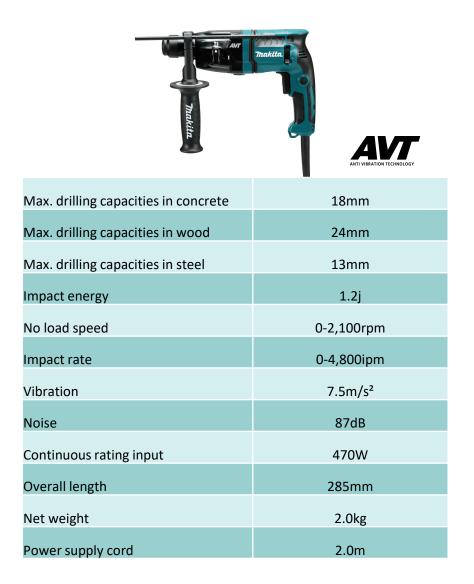
Product Overview

HR1841F – 18mm SDS Plus Rotary Hammer with AVT



Product Specification Sheet

HR1841F – 18mm SDS Plus Rotary Hammer



- 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

Innovation



Extremely low vibration Due to counterweight mechanism

Efficiency



Rotation reversing system provides maximum power in both forward and reverse

Safety



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

Product Replacement



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/s²	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

SOur Range

	HR1840	HR1841F	HR2300X6	HR2631FT	HR2641	HR2630	HR2811FT
	THREE						
Max. drilling capacities in concrete	18mm	18mm	23mm	26mm	26mm	26mm	28mm
Max. drilling capacities in wood	24mm	24mm	32mm	32mm	32mm	32mm	32mm
Max. drilling capacities in steel	13mm	13mm	13mm	13mm	13mm	13mm	13mm
Impact energy	1.4j	1.2j	2.3j	2.4j	2.4j	2.4j	2.9j
No load speed	0-2,100rpm	0-2,100rpm	0 - 1,200rpm	0 - 1,200rpm	0 - 1,100rpm	0 - 1,200rpm	0 - 1,100rpm
Impact rate	0-4,800ipm	0-4,800ipm	0 - 4,600ipm	0 - 4,600ipm	0 - 4,500ipm	0 - 4,600ipm	0 - 4,500ipm
Vibration	10.0m/s²	7.5m/s²	15.5m/s²	11.5m/s²	11.5m/s²	15.5m/s²	15.0m/s²
Noise	87dB	87dB	90dB	90dB	90dB	91dB	90dB
Continuous rating input	470W	470W	720W	800W	800W	800W	800W
Overall length	285mm	285mm	356mm	385mm	422mm	361mm	345mm
Net weight	2.0kg	2.0kg	2.7kg	3.1kg	3.1kg	2.8kg	3.4kg
Power supply cord	2.0m	2.0m	2.0m	2.0m	2.0m	2.0m	2.0m

Our Range

	HR3200C	HR3210C	HR4003C	HR4013C	HR5202C	HR5212C
					GW155055	
Max. drilling capacities in concrete	32mm	32mm	40mm	40mm	52mm	52mm
Max. drilling capacities in wood	32mm	32mm	-	-	-	-
Max. drilling capacities in steel	13mm	13mm	-	-	-	-
Impact energy	5.1j	5.0j	8.3j	8.0j	19.1j	20.0j
No load speed	315 - 630rpm	315 - 630rpm	250 - 500rpm	250 - 500rpm	150 - 310rpm	150 - 310rpm
Impact rate	1,650 - 3,300ipm	1,650 - 3,300ipm	1,450 - 2,900ipm	1,450 - 2,900ipm	1,100 - 2,250ipm	1,100 - 2,250ipm
Vibration	18.0m/s²	10.0m/s²	10.0m/s²	5.0m/s²	17.0m/s²	9.0m/s²
Noise	89dB	89dB	92dB	92dB	99dB	98dB
Continuous rating input	850W	850W	1,100W	1,100W	1,510W	1,510W
Overall length	398mm	398mm	479mm	479mm	599mm	599mm
Net weight	4.4kg	4.8kg	6.2kg	6.8kg	10.9kg	11.9kg
Power supply cord	5.0m	5.0m	5.0m	5.0m	5.0m	5.0m

Accessories

Standard Accessories				
	415486-9	Depth gauge		
Thakita	158057-6	Side grip		
Thakita	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		