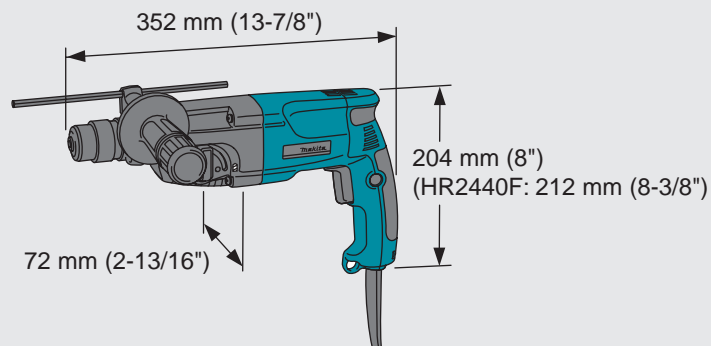


# Specifications

## Rotary Hammer

### Dimension



# Standard equipment

## Rotary Hammer

	Part No.
Grip	152521-9
Stopper pole	324219-0
Plastic case	824650-5

Items of standard equipment may differ from country to country.

# Optional accessories

## Rotary Hammer

### SDS plus Tungsten carbide-tipped bit



For Model	Bit diameter	Overall length	Part No.
HR2020	4.0 mm	110 mm	A-11885
	4.3 mm		A-11900
	4.5 mm		A-11922
	4.8 mm		A-03648
	5.0 mm		A-03660
	5.5 mm		A-11944
HR2021	6.0 mm	A-03682	
HR2022	6.4 mm	A-03707	
HR2440	6.5 mm	A-03729	
	7.0 mm	A-03741	
HR2440F	7.5 mm	A-03763	
HR2441	8.0 mm	A-03785	
HR2442	8.5 mm	160 mm	A-03800
	9.0 mm		A-11966
	9.5 mm		A-11988
	10.0 mm		A-03822
	10.5 mm		A-03844
	11.0 mm		A-03866

For Model	Bit diameter	Overall length	Part No.	
HR2020	12.0 mm	166 mm	A-03888	
	12.5 mm		A-03903	
	12.7 mm		A-03925	
	13.0 mm		A-12005	
	13.5 mm		A-12027	
	14.0 mm		A-12049	
HR2021	14.3 mm	166 mm	A-03947	
	14.5 mm		A-03969	
HR2022	15.0 mm	200 mm	A-12061	
	16.0 mm		A-19299	
	16.5 mm		A-19308	
	17.0 mm		A-04008	
	17.5 mm		A-04020	
	18.0 mm		A-04042	
	19.0 mm		A-12108	
	20.0 mm		A-12120	
	21.0 mm		A-12142	
	21.5 mm		A-04064	
	HR2440		22.0 mm	A-19314
	HR2440F		23.0 mm	A-19320
	HR2441		23.0 mm	A-19320
	HR2442		24.0 mm	A-19336

Drill chuck assembly	Part No.	122574-2
Chuck adapter assembly	Part No.	122573-4
Chuck key	Part No.	763432-9

Bit diameter	Part No.
6 - 14.5 mm	421342-3
12 - 16 mm	421664-1

Core bit	Outer dia.	Depth	Depth	Part No.
	35 mm	108 mm	Max. drilling	A-86599
	45 mm		Depth	A-86608
	54 mm		180 mm	A-86614

Core bit adapter (With center bit, O ring, & rod)	Part No.	A-86642
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Center bit (For centering core bit)	Part No.	752031-2
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Rod (Used to remove core bit)	For core bit dia.	Part No.
	35 mm, 45 mm	256806-6
	54 mm	256815-5

Diamond core bit	Outer dia.	Depth	Part No.
Rotation use only (Never use "rotation with hammering" action. The diamond core bit may be damaged or the life of the bit may be shorten remarkably.)	38 mm	175mm	A-87535
	54 mm		A-87541
	65 mm		A-87557

SDS-plus adapter (with center bit)	Part No.	A-87563
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Dust collector set	Part No.	193472-7
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Joint 25	Part No.	192349-3
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Hose	Part No.	192278-0
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Blow out bulb	Part No.	765009-6
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Grease 30g (R01)	Part No.	183477-5
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Grease 100g (For bit)	Part No.	181573-3
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Safety goggle	Part No.	191686-2
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Hammer service kit	Part No.	193606-2
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Makita Corporation

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A world's leading manufacturer of power tools

- Double Insulation
- SDS-Plus drive
- Dust Collecting
- Torque Limiter
- Built-in Job Light (For Model HR2440F)
- Variable Speed (For Model HR2020, HR2021, HR2440, HR2440F, HR2441)
- Reversing (For Model HR2020, HR2440, HR2440F)
- Carrying Case

# Rotary Hammer

20 mm (3/4") HR2020 / HR2021 / HR2022

24 mm (15/16") HR2440 / HR2440F / HR2441 / HR2442

*Powerful and Reliable Drilling in concrete  
Makita's New 2 Kg-Rotary Hammers are  
Now launched.*



**NEW**



A world's leading manufacturer of power tools

# In-line and Ergonomically Designed pistol Grip for Operator's comfort and less fatigue



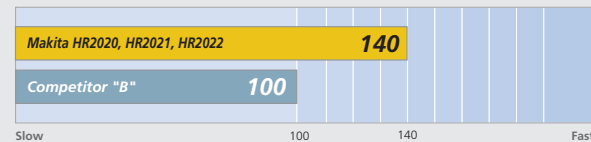
PHOTO: Model HR2020

## Performance Data

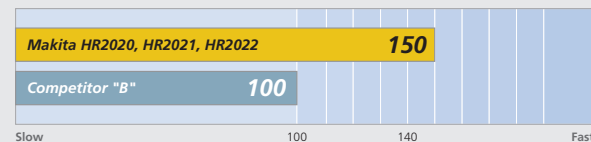
Note: It may differ under some conditions.

### Drilling speed

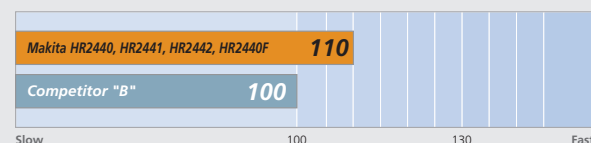
■ Work piece : Concrete (350 kgf/cm<sup>2</sup>)  
When Hammer drilling with : ø8.5 mm (5/16") bit.



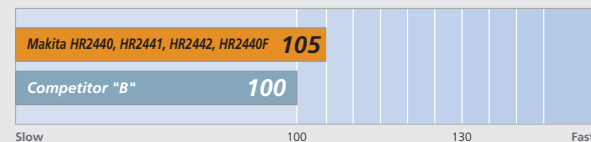
When Hammer drilling with : ø12.5 mm (1/2") bit.



When Hammer drilling with : ø8.5 mm (5/16") bit.



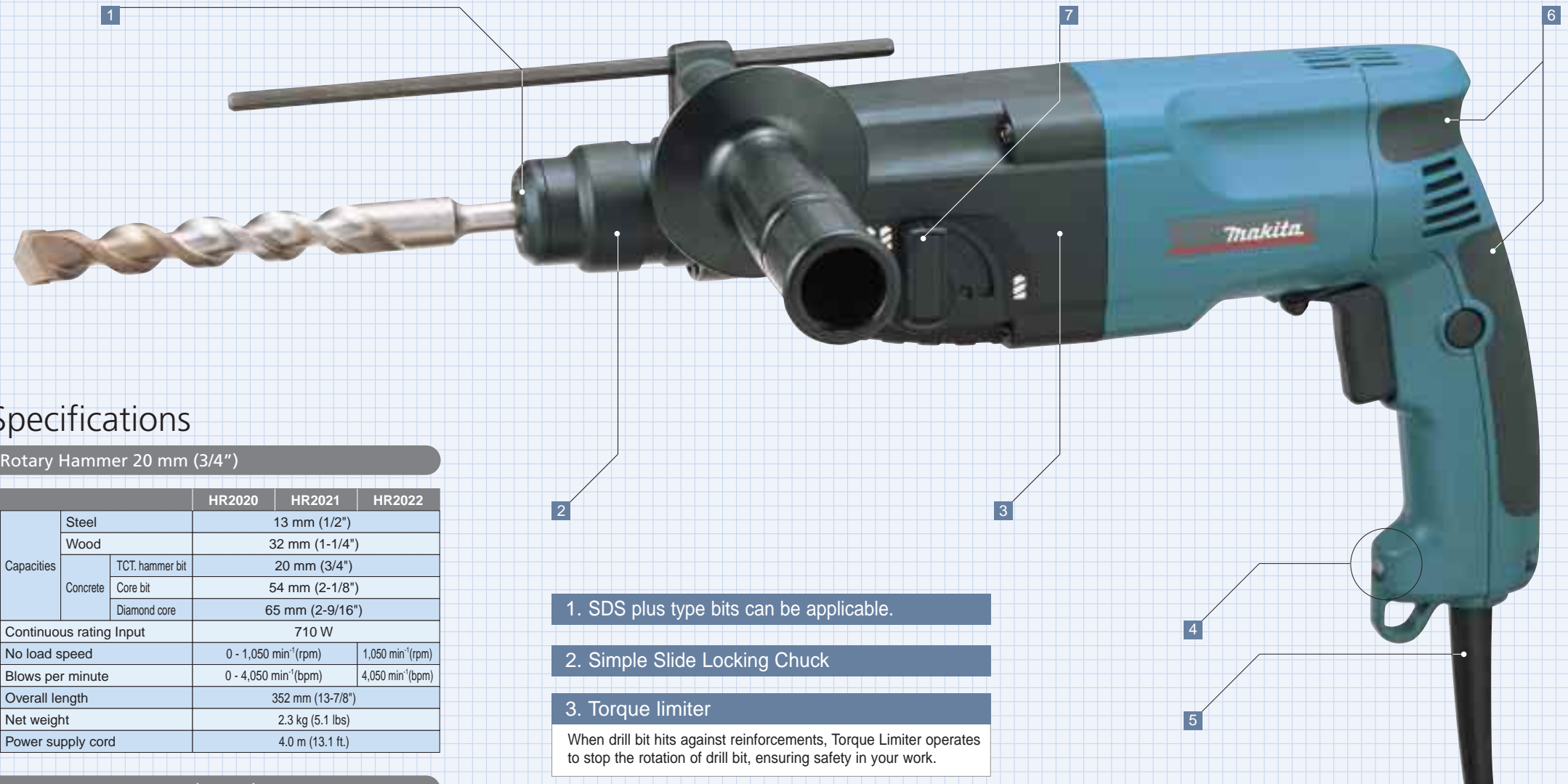
When Hammer drilling with : ø12.5 mm (1/2") bit.



Numbers in chart are relative values when setting competitor "B"s capacity as 100.

	Variable Speed + Reversing	Variable Speed	Single Speed
Rotary Hammer 20 mm (3/4")	HR2020	HR2021	HR2022
Rotary Hammer 24 mm (15/16")	HR2440 HR2440F	HR2441	HR2442

## Rotary Hammer 20 mm (3/4") / 24 mm (15/16")



### Specifications

#### Rotary Hammer 20 mm (3/4")

		HR2020	HR2021	HR2022	
Capacities	Steel	13 mm (1/2")			
	Wood	32 mm (1-1/4")			
	Concrete	TCT. hammer bit	20 mm (3/4")		
		Core bit	54 mm (2-1/8")		
	Diamond core	65 mm (2-9/16")			
Continuous rating Input		710 W			
No load speed		0 - 1,050 min <sup>-1</sup> (rpm)	1,050 min <sup>-1</sup> (rpm)		
Blows per minute		0 - 4,050 min <sup>-1</sup> (bpm)	4,050 min <sup>-1</sup> (bpm)		
Overall length		352 mm (13-7/8")			
Net weight		2.3 kg (5.1 lbs)			
Power supply cord		4.0 m (13.1 ft.)			

#### Rotary Hammer 24 mm (15/16")

		HR2440 / F	HR2441	HR2442	
Capacities	Steel	13 mm (1/2")			
	Wood	32 mm (1-1/4")			
	Concrete	TCT. hammer bit	24 mm (15/16")		
		Core bit	54 mm (2-1/8")		
	Diamond core	65 mm (2-9/16")			
Continuous rating Input		780 W			
No load speed		0 - 1,100 min <sup>-1</sup> (rpm)	1,100 min <sup>-1</sup> (rpm)		
Blows per minute		0 - 4,500 min <sup>-1</sup> (bpm)	4,500 min <sup>-1</sup> (bpm)		
Overall length		352 mm (13-7/8")			
Net weight		2.3 kg (5.1 lbs)			
Power supply cord		4.0 m (13.1 ft.)			

Specifications may differ from country to country.

1. SDS plus type bits can be applicable.

2. Simple Slide Locking Chuck

3. Torque limiter

When drill bit hits against reinforcements, Torque Limiter operates to stop the rotation of drill bit, ensuring safety in your work.

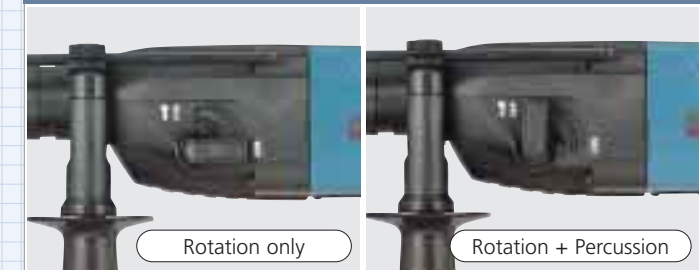
4. Built-in LED Job Light (HR2440F)



5. Highly Durable Cord Guard

6. Ergonomically Designed Rubber Grip (HR2440 /41 / 42 / 40F only)

### 7. 2 mode change lever



Easy to change action mode to "Rotation only" or "Rotation with Percussion".

PHOTO: Model HR2440F