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Ramset™
DynaDrills

Selection Guide

Rotary Hammers



Which Ramset™ Rotary Hammer should I use?



	Concrete Drilling				Concrete Demolition			Concrete Drilling	
	Corded							Cordless	
	DD522	DD529	DD533	DD544	DD565	DD576	DD610	CRHR18	CRHR28
Rated Input (watt)	790	850	800	900	1100	1350	1500	-	-
Rated Speed (rpm)	0-1300	0-1300	0-900	0-760	0-400	0-280	-	0-1100	0-1400
Impact Rate (bpm)	0-4700	0-5100	0-4000	0-3600	0-3000	0-2800	900-1890	0-4100	0-4500
Impact Energy (joules)	2.7	3.2	3.5	5	10	15	25	2.7	3.2
Power Source (volt)	240V	240V	240V	240V	240V	240V	240V	18V Battery	28V Battery
Weight (kg)	2.8	3.1	3.6	4.7	5.9	7.9	9.9	3.5	4.5
Tool Holder	SDS Plus	SDS Plus	SDS Plus	SDS Plus	SDS Max	SDS Max	SDS Max	SDS Plus	SDS Plus
Drilling Range (mm) Concrete	4-24	4-28	4-28	6-32	14-40	14-45	-	5-20	5-26
Optimum Drilling (mm)	6-14	8-16	12-18	14-25	18-38	24-40	-	6-14	8-16
Drilling Range (mm) Steel	up to 13	up to 13	up to 13	up to 13			-	up to 13	up to 13
Timber (mm)	30	30	30	30			-	30	30
Core Cutting (mm) Chiselling	68	68	82	68-90	40-125	40-125	-	50	68
Screwdriving									
Safety Clutch									
Double Insulated									
Sealed Lub. System									
Variable Speed									
Reversing Switch									
Impact Resistant Body Mouldings									
Adjustable Side Handle									
Service Light Indicator									
Electronic Monitoring									
Electro Pneumatic impact mechanism									
Quick Fit Chuck	Optional	Optional	Optional	Optional					

Optimum Use Not Recommended



Ramset™

DynaDrill™ 522 2kg Combi Hammer



NEW



Description

The Ramset DynaDrill™ 522 Combi Hammer is the ideal tool choice for all those common drilling applications whether into concrete, timber or steel.

Specification

Voltage	240V
Power Input	790w
Rated Speed	0-1300rpm
Impact Rate	0-4700bpm
Impact Force (Max)	2.7J
Maximum Drill Diameters	
Concrete	24 mm
Masonry (using Core Bit)	68 mm
Steel	13 mm
Wood	30 mm
Optimum Drilling Size in Concrete	6-14 mm
Weight	2.8Kg
Tool Holder	SDS-Plus

DynaDrill™ 522

Part No.	Description	Order Qty
DD522	2kg Electro Pneumatic Hammer	1

Trades & Applications

	Builder	Plumber	Electrician
Drilling into concrete			
Removing Tiles (light chiseling)			
Core Cutting			

Features & Benefits

- 790W Motor
- 2.7 Joules of impact energy
- Block construction. Reliable and durable housing
- Forward and reverse rotation
- Depth gauge
- Chisel function
- Rotating brush plate for equal power in forward and reverse mode

Noise / Vibration Information

Sound pressure level:	91dB (A)
Sound power level:	102dB (A)

Wear ear and eye protection.
Vibration: The typical weighted acceleration does not exceed 17m/s² or 13m/s² chisel.

DynaDrill™ 529

2kg Combi Hammer



Ramset™



Quick release exchangeable chuck system. Additional 3 jaw keyless chuck available as accessory (Part #054288)

4 mode setting - drilling, hammering, chiseling & neutral

Powerful 850W Motor

Reverse switch. Same power in forward and reverse



Description

The Ramset DynaDrill™ 529 Combi Hammer is truly the class leading 2kg tool on the market. The tool of choice with its powerful motor, enhanced anti vibration and the versatility of the quick change chuck system.

Specification

Voltage	240V
Power Input	850w
Rated Speed	0-1300rpm
Impact Rate	0-5100bpm
Impact Force (Max)	3.2J
Maximum Drill Diameters	
Concrete	28mm
Masonry (using Core Bit)	68mm
Steel	13mm
Wood	30mm
Optimum Drilling Size in Concrete	8-16mm
Weight	3.1Kg
Tool Holder	SDS Plus

DynaDrill™ 529

Part No.	Description	Order Qty
DD529	2kg Electro Pneumatic Hammer	1

Trades & Applications

	Builder	Plumber	Electrician
Drilling into concrete			
Removing Tiles (light chiseling)			
Core Cutting			

Features & Benefits

- Powerful 850W Motor
- Class leading drilling rates and chisel performance
- Substantially improved vibration reduction
- Rotating brush plate for same power in forward or reverse mode
- Rotation stop for chiselling
- Quick change chuck system

Noise / Vibration Information

Sound pressure level:	91dB (A)
Sound power level:	102dB (A)

Wear ear and eye protection. Vibration: The typical weighted acceleration does not exceed 11m/s² drill



Ramset™

DynaDrill™ 533 3kg Combi Hammer



Quick release exchangeable chuck system. Additional 3 jaw keyless chuck available as accessory (Part #054288)

4 mode setting - drilling, hammering, chiseling & neutral

Vibration dampening mechanism

Compact and well balanced D-Shape design

Powerful 800W Motor



Description

The Ramset DynaDrill™ 533 sets new standards for a 3kg combi hammer. Its ergonomic drop motor design gives the tool a more balance feel and delivers the additional performance when stepping up from a 2kg tool.

Specification

Voltage	240V
Power Input	800w
Rated Speed	0-900rpm
Impact Rate	0-4000bpm
Impact Force (Max)	3.5J
Maximum Drill Diameters	
Concrete	28mm
Masonry (using Core Bit)	82mm
Steel	13mm
Wood	30mm
Optimum Drilling Size in Concrete	12-18mm
Chiseling Positions	
Weight	3.6kg
Tool Holder	SDS-Plus

DynaDrill™ 533

Part No.	Description	Order Qty
DD533	3kg Electro Pneumatic Hammer	1

Trades & Applications

Builder Plumber Electrician

- Drilling into concrete
- Removing Tiles (light chiseling)
- Core Cutting

Features & Benefits

- Powerful 800W Motor
- Class leading drilling and chiseling performance
- Low vibration due to the Ramset vibration control system
- Balanced weight distribution as a result of the L shaped design
- Quick change chuck system
- Rotation stop for chiselling

Noise / Vibration Information

Sound pressure level:	91dB (A)
Sound power level:	102dB (A)

Wear ear and eye protection.
Vibration: The typical weighted acceleration does not exceed 12m/s² or 11m/s² chisel.

DynaDrill™ 544

4kg Combi Hammer



Ramset™



Quick release SDS drive tool holder. Additional 3 jaw keyless chuck available as accessory (Part No. 054288)

180° auxillary handle adjustment for left and right handed use

Vibration dampening mechanism

Soft grip handle for comfortable use

Powerful 900W motor



Description

The Ramset™ DynaDrill™ 544 is a class leading 4kg combi hammer drill in terms of performance and vibration reduction mechanisms. A robust and ergonomic design makes it the ideal tool for volume drilling in concrete, light picking and chiselling.

Specification

Voltage	240V
Power Input	900w
Rated Speed	0-760rpm
Impact Rate	0-3600bpm
Impact Force (Max)	5.0J
Maximum Drill Diameters	
Concrete	32mm
Masonry (using Core Bit)	90mm
Steel	13mm
Wood	30mm
Optimum Drilling Size in Concrete	14-25mm
Chiselling Positions	12
Weight	4.7Kg
Tool Holder	SDS Plus

DynaDrill™ 544

Part No.	Description	Order Qty
DD544	4kg Electro Pneumatic Hammer	1

Kit includes: Shock proof case, lubricating oil and instruction manual

Trades & Applications

	Builder	Plumber	Electrician
Drilling into concrete			
Removing Tiles (light chiseling)			
Core Cutting			



Features & Benefits

- Vibration damping mechanism for super smooth operation
- Quick lock keyless bit exchange
- Reverse switch
- Electro pneumatic impact mechanism
- In-built safety clutch providing operator protection should a drill bit jam.
- Soft grip, back and side handle for safe and fatigue free operations
- Finger tip control for point start accuracy with variable speed adjustment
- Sealed lubrication system for extended service intervals

Noise / Vibration Information

Sound pressure level:	93dB (A)
Sound power level:	104dB (A)

Wear ear and eye protection. Vibration: The typical weighted acceleration does not exceed 10m/s² drill or 9m/s² chisel.

Related Products

3 Jaw Keyless Chuck (054288)
Carbide Drill Bits, Chisels & Cores



Ramset™

DynaDrill™ 565

5kg Combi Hammer



Description

The Ramset™ DynaDrill™ 565 Rotary Hammer is a versatile multiple use rotary hammer designed to get through the toughest job with ease. The DD565 incorporates many new innovative features that make it the ideal tool for those who want consistent hard work from a tool that can take it.

Specification

Voltage	240V
Power Input	1,100w
Rated Speed	0-400rpm
Impact Rate	0-3000bpm
Impact Force (Max)	10.0J
Maximum Drill Diameters	
Concrete	40 mm
Masonry (using Core Bit)	125 mm
Optimum Drilling Size in Concrete	18-38mm
Chiselling Positions	16
Weight	5.9Kg
Tool Holder	R3™ Max
Cable Length	4m

DynaDrill™ 565

Part No.	Description	Order Qty
DD565	5kg Electro Pneumatic Combi Hammer	1

Kit includes: Shock proof case, lubricating oil and instruction manual

Trades & Applications

	Builder	Plumber	Electrician
Drilling into concrete			
Removing Tiles (light chiseling)			
Core Cutting			



Features & Benefits

- Robust design and oil lubrication, guarantees the longest tool lifetime, even under the toughest working conditions
- Ergonomically designed and well balanced
- High removal rates, excellent performance / weight ratio
- Safety clutch system allows continuous drilling even when the drill bit jams in the toughest materials
- Horizontal and vertical drilling level gauge for accurate drilling
- Vibration reduction system for comfort while working
- Power LED indicator
- Service LED indicator shows 8 hours before tool requires service
- Rotary and Hammer / Hammer only selector built into casing

Noise / Vibration Information

Sound pressure level:	98dB (A)
Sound power level:	109dB (A)

Wear ear and eye protection.
Vibration: The typical weighted acceleration does not exceed 8.8m/s²

Related Products

Carbide Drill Bits, Chisels & Cores

DynaDrill™ 576

7kg Combi Hammer



Description

The Ramset™ DynaDrill™ 576 electro pneumatic combi hammer, is designed for large diameter drilling, picking and chiselling in concrete.

Specification

Voltage	240V
Power Input	1,350W
Rated Speed	0 - 280rpm
Impact Rate	0 - 2,800bpm
Impact Force (Max)	15J
Maximum Drill Diameters	
Concrete	45 mm
Masonry (using Core Bit)	150 mm
Optimum Drilling Size in Concrete	24-40mm
Machine Weight	7.9kg
Chiselling Positions	12
Tool Holder	R3™ Max
Cable Length	4m

DynaDrill™ 576

Part No.	Description	Order Qty
DD576	7kg Electro Pneumatic Combi Hammer	1

Kit includes: Shock proof case, lubricating oil and instruction manual

Trades & Applications

	Builder	Plumber	Electrician
Drilling into concrete			
Removing Tiles (light chiseling)			
Core Cutting			



Features & Benefits

- Powerful and robust hammer for large diameter holes or concrete breaking
- Tool holder adjustment - 12 positions
- Safety clutch
- Optimum ergonomics
- Rotary and Hammer / Hammer only selector built into casing
- 15J of impact force

Noise / Vibration Information

Sound pressure level:	97dB (A)
Sound power level:	110dB (A)

Wear ear and eye protection.
Vibration: The typical weighted acceleration does not exceed 9m/s²

Related Products

R3 Max Carbide Drill Bits, Chisels & Cores



Vibration dampening mechanism

25J of impact force

360° rotary auxiliary handle suitable for left or right hand use

Powerful 1500W motor

Description

The Ramset™ DynaDrill™ 610 is a strong and robust demolition hammer. It's compact design with a high power to weight ratio, makes it ideal for large concrete demolition jobs.

Specification

Voltage	240V
Power Input	1,500w
Impact Rate	950-1,890bpm
Impact Force (Max)	6-25J
Chiselling Positions	12
Weight	9.9Kg
Tool Holder	R3™ Max
Cable Length	4m

DynaDrill™ 610

Part No.	Description	Order Qty
DD610	10kg Demolition Hammer	1

Kit includes: Shock proof case, lubricating oil and instruction manual

Trades & Applications

	Builder	Plumber	Electrician
Concrete Breaking			



Features & Benefits

- High-performance and power make this demolition hammer one of the highest performing hammers of its kind on the market
- Impact force adjustable through 6 levels to match base material and application
- Multi position tool holder
- Fixed position power switch

Noise / Vibration Information

Sound power level: 108dB (A)

Wear ear and eye protection.
Vibration: The typical weighted acceleration does not exceed 13m/s²

Related Products

R3 Max Chisels

Rotary Hammer

18V Cordless Hammer



Ramset™

4 mode setting - drilling, hammer drilling, chiseling & neutral

Anti-Vibration System

SDS-Plus chuck

Variable trigger for maximum drilling control

A18
Lithium Ion



High powered serviceable motor - 2.7J impact energy

Description

The powerful Ramset™ R18 Lithium Ion cordless rotary hammer delivers the highest performance to weight ratio in its class. Corded tool performance for a variety of concrete drilling applications.

Specification

Battery Pack	18 V / 3.0 Ah
Battery Type	Li-Ion
No-load Speed	0 - 1100 rpm
Blow Rate (Full-load)	0 - 4100 bpm
Impact Energy	2.7 J
Maximum Drill Diameters Concrete	20 mm
Masonry (Using Core Bit)	50 mm
Steel	13 mm
Wood	30 mm
Optimum Drilling Diameter -Concrete	6-14 mm
Tool Holder	SDS-Plus
Weight incl. Battery	3.5 kg

Rotary Hammer

Part No	Description	Order Qty
CRHr18	Rotary Hammer*	1
	18V Base Kit	
CBASEKITr18	(2x Batteries CBATr18, 1x Charger CCR18, 1x Torch CTR18, 1x Bag CKITBAG)	1 KIT

*Can be purchased as bare unit or as part of a kit.

Trades & Applications

Builder Plumber Electrician

Concrete Breaking
Light Chiseling



Features & Benefits

- High quality, 18V battery pack delivers superior performance and run time
- Powerful hammer mechanism delivers 2.7J of impact energy
- Enhanced anti-vibration system provides maximum operator comfort
- This versatile tool provides rotary hammer, hammer only and rotation only functions
- Variable position chisel stop
- All metal gearbox for durability
- 2 year warranty

Noise / Vibration Information

Sound pressure level:	88dB (A)
Sound power level:	99dB (A)

Wear ear and eye protection.
Vibration: The typical weighted acceleration does not exceed 12.2m/s² drill or 7.4m/s² chisel.



Ramset™

Rotary Hammer

28V Cordless Hammer

SDS-Plus chuck with quick change system for 3 jaw chuck

4 mode setting - drilling, hammer drilling, chiseling & neutral

Variable trigger for maximum drilling control

A28

Lithium Ion

28V delivers high powered 3.2J impact of energy

Description

Powerful Ramset™ 28V cordless rotary hammer delivers corded tool performance for a variety of concrete drilling applications.

Specification

Battery Pack	28 V / 3.0 Ah
Battery Type	Li-Ion
No-load Speed	0 - 1400 rpm
Blow Rate (Full-load)	0 - 4500 bpm
Impact Energy	3.2 J
Maximum Drill Diameters Concrete	26 mm
Masonry (Using Core Bit)	68 mm
Steel	13 mm
Wood	30 mm
Optimum Drilling Diameter - Concrete	8-16 mm
Tool Holder	SDS-Plus
Weight incl. Battery	4.5 kg

Rotary Hammer

Part No	Description	Order Qty
CRHR28	Rotary Hammer*	1
CBASEKITR28	18V Base Kit (2x Batteries CBATR28, 1x Charger CCR28, 1x Torch CTR28, 1x Bag CKITBAG)	1 KIT

*Can be purchased as bare unit or as part of a kit.

Trades & Applications

Builder Plumber Electrician

Concrete Breaking
Light Chiseling



Features & Benefits

- High quality, large capacity 28V battery pack for fade free energy transfer and enhanced performance
- L-shape construction for perfect balance and control
- 4 mode - drilling, hammerdrilling, chiselling and neutral index
- All metal gearbox for durability
- High speed / maximum impact energy with safety clutch
- Block construction for exact seating of bearings and maximum robustness
- 2 year warranty (see page 22)

Noise / Vibration Information

Sound pressure level:	94dB (A)
Sound power level:	105dB (A)



- UNIQUE DESIGN
- UNIVERSAL APPLICATION
- ULTIMATE PERFORMANCE



Undulating tip design*

- Reduce contact line
- Extreme drilling progress



Fully embedded cutting element

- High strength durable head
- Comfortable smooth drilling



Extra-long centering cutting edge*

- Improved durability



Two-point centering*

- Optimum drilling performance
- Two-point centering with recess



Clear wear marking

- Accurate drill hole diameter
- Extreme drilling progress
- Extremely high service life



Curved cutting edge*

- Wide carbide blades
- Extremely high service life



U3™ Ultimate (Tri-Cutter) Carbide Drill Bits



Part No.	Diameter (mm/inch)	Work Length (mm)	Total Length (mm)	Use with DD522	Use with DD529	Use with DD533	Use with DD544	Use with CRHR18	Use with CRHR28
DDU305050	5	50	110						
DDU305100	5	100	160						
DDU306050	6	50	110						
DDU306100	6	100	160						
DDU306150	6	150	210						
DDU306050X3	1/4"	50	110						
DDU306100X3	1/4"	100	160						
DDU306150X3	1/4"	150	210						
DDU308100	8	100	160						
DDU308150	8	150	210						
DDU310100	10	100	160						
DDU310200	10	200	260						
DDU312150	12	150	210		✓				✓
DDU312250	12	250	310		✓				✓
DDU314200	14	200	250		✓				✓
DDU316200	16	200	250		✓				✓

Optimum Use Outside Optimum Not Recommended



R3™ PLUS carbide drill bits are the perfect match for your Ramset DynaDrill™ or cordless rotary hammer. Together, they offer a powerful concrete drilling system to get the job done faster. R3™ PLUS carbide comprises tough tungsten carbide head design and 4 spiral flutes for faster waste removal and drilling speed. R3™ PLUS Carbide and Chisels fit all SDS Plus machines.



Standard (2 Cutter) Carbide Drill Bits



Part No.	Diameter (mm/inch)	Work Length (mm)	Total Length (mm)	Use with DD522	Use with DD529	Use with DD533	Use with DD544	Use with CRHR18	Use with CRHR28
DDR305050	5	50	110						
DDR305100	5	100	160						
DDR305065X5	5.5	80	140						
DDR305125X5	5.5	150	210						
DDR306050	6	50	110						
DDR306100	6	100	160						
DDR306150	6	150	210						
DDR306050X3	1/4"	50	110						
DDR306100X3	1/4"	100	160						
DDR306150X3	1/4"	150	210						
DDR307065	7	100	160						
DDR308065	8	100	160						
DDR308150	8	150	210						
DDR310100	10	100	160						
DDR310180	10	200	260						
DDR310400	10	400	460						
DDR312125	12	150	210						
DDR312250	12	250	310						
DDR312400	12	400	460						
DDR312125X7	1/2"	150	210						
DDR313200	13	200	260						
DDR314200	14	200	250						
DDR315150	15	150	200						
DDR316125	16	150	200						
DDR316200	16	200	250						
DDR316400	16	400	450						

Optimum Use Outside Optimum Not Recommended



Carbide Drill Bits (Y Cutter)



Part No.	Diameter (mm/inch)	Work Length (mm)	Total Length (mm)	Use with DD522	Use with DD529	Use with DD533	Use with DD544	Use with CRHR18	Use with CRHR28
DQR316200	16	250	300						
DQR316400	16	400	450						
DQR318200	18	200	250						
DQR318400	18	400	460						
DQR319250	19	250	310						
DQR320200	20	200	250						
DQR320400	20	400	450						
DQR322200	22	200	250						
DQR322400	22	400	450						
DQR324200	24	200	250						
DQR324400	24	400	450						
DQR325400	25	400	450						
DQR326200	26	250	300						
DQR326400	26	400	450						

Optimum Use Outside Optimum Not Recommended



Chisels



Part No.	Type	Width (mm)	Total Length (mm)	Use with DD522	Use with DD529	Use with DD533	Use with DD544
DHR3PCS	Point	-	250				
DHR3FCS	Flat	20	250				
DHR3SC040	Spade	40	250				

Optimum Use



Carbide Drill Bits



R3™ MAX Carbide Drill Bits and Chisels are tough, long-life and designed to also fit all SDS Max machines.

R3™ MAX Drill Bits have precision engineered cutting and cleaning flutes for efficient and trouble free drilling providing a long life solution.

*Larger sizes above 16mm diameter have 4 tungsten carbide cutter heads for efficient heavy duty drilling and long life operation.

Part No.	Diameter (mm)	Work Length (mm)	Total Length (mm)	Use with DD565	Use with DD576
DDSM12200	12	200	340		
DDSM12400	12	400	540		
DDSM14200	14	200	340		
DDSM14400	14	400	450		
DYSM16200	16	250	390		
DYSM16400	16	400	540		
DYSM18200	18	250	390		
DYSM18400	18	400	540		
DYSM19195	19	195	340		
DYSM20200	20	200	320		
DYSM20400	20	400	520		
DYSM20800	20	800	520		
DYSM20200	20	200	340		
DYSM22400	22	400	520		
DYSM24200	24	200	320		
DYSM24400	24	400	520		
DYSM25400	25	400	520		
DYSM25800	25	800	920		
DYSM26400	26	400	520		
DYSM28450	28	450	570		
DYSM30450	30	450	570		
DYSM32450	32	450	570		
DYSM35450	35	450	570		
DYSM38450	38	450	570		
DYSM40450	40	450	570		

Optimum Use Outside Optimum Not Recommended



Chisels



Part No.	Type	Width (mm)	Total Length (mm)	Use with DD565	Use with DD576	Use with DD610
DHSMPCS	Point	-	280			
DHSMPCM	Point	-	400			
DHSMPCCL	Point	-	600			
DHSMFCS	Flat	25	280			
DHSMFCM	Flat	25	400			
DHSMFCL	Flat	25	600			
DHSMSC080	Spade	80	300			
DHSMSC115	Spade	115	300			
DHSMSC050	Spade	50	400			

Optimum Use

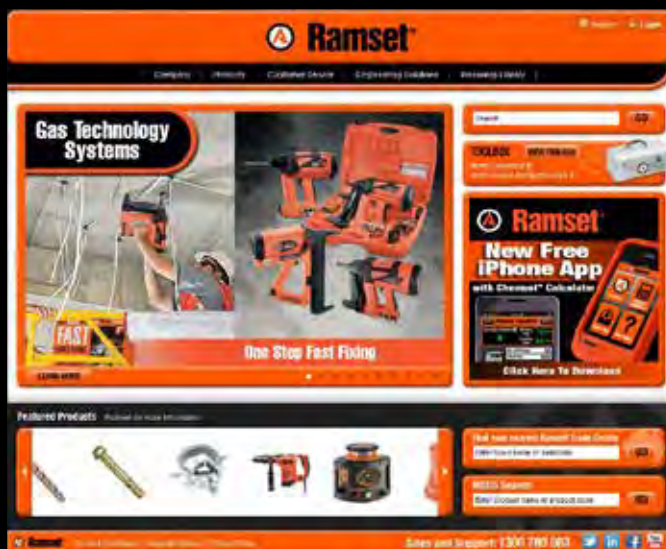
Core Bit System

Part No.	Description
DDHR12150	12mm Pilot bit
DCHR050	50mm Core bit
DCHR065	65mm Core bit
DCHR080	80mm Core bit
DCHR100	100mm Core bit
DAHR25280	250mm Extension
DAR3HR	R3™ Plus Drive Adaptor
DASMHR	R3™ Max Drive Adaptor



For large diameter concrete hole drilling. From 50mm to 100mm hole diameter. Suits both R3™ PLUS and R3™ Max drive systems.

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