

Sawing & Drilling

- Wide selection from a single source.
- Durable designs.



Type	No. of Models	Capacity		Page
		in	mm	
Hand Saws & Blades	5	18	455	6.2
Dry Cut Saws	2	–	–	6.3
Reciprocating Saws				
Model 530-2 Reciprocating Saw & Blades	1	–	–	6.4
Model 550-1 Reciprocating Saw & Blades	3	–	–	6.6
Hole Cutting				
Model HC300	1	Up to 3	76	6.8
Model HC450	2	Up to 4¾	120	6.9
Hole Saws	51	Up to 6	152	6.10
Hole Saw Kits	3	Up to 2⅝	Up to 67	6.11
Hole Saw Arbors	9	–	–	6.11
Arbor Extension	1	½	12	6.11
Pilot Drill	2	⅜	6,4	6.11
Diamond Drilling Machines				
HC-2W	2	5¼	132	6.12
RB-3W	4	6½	162	6.14
RB-208/3	3	8	200	6.16
RB-214/3	3	13¾	350	6.17
Drilling Accessories				
Bits	–	–	–	6.19
Crown Segment	19	Up to 4¼	Up to 112	6.19
Segmented (Wet)	37	Up to 17¾	450	6.20
Segmented (Dry)	18	Up to 12	300	6.21
Drilling Accessories	–	–	–	6.22

SAWING & DRILLING

Hand Saws

RIDGID® sawing machines and saws have been developed by professionals for professionals. Whatever your requirements are in matters of sawing, the RIDGID® program of sawing products will offer you the solution.



No. 212 Pro Arc Hacksaw

Features

- Designed for maximal strength and maximum control in a lightweight hacksaw.
- Large tensioning knob for fast blade replacement.
- Rubberized handgrips for maximal comfort.
- Two mounting positions for the blade (45° or 90° cut angles).

Catalog No.	Model No.	Description	Blade Length		Weight		Std. Pack
			in.	mm	lb.	kg	
20238	212	Pro Arc hacksaw	12	300	1.3	0,6	1



Model 1205 PVC/ABS Saw

Features

- Designed for fast and accurate plastic pipe cutting.

Catalog No.	Model No.	Description	Blade Length		Weight		Std. Pack
			in.	mm	lb.	kg	
50522	1205-18	Saw for PVC/ABS Pipe	18	455	0.8	0,4	1
50532	1205-2	18" Replacement Blade f/ 1205	18	455	0.6	0,3	1

Bi-Metal Hacksaw Blades

Available in 18 TPI – 24 TPI and 300 mm length.



Catalog No.	Model No.	Description	Length		TPI	Weight		Std. Pack
			in.	mm		lb.	kg	
56847	1218-BM	H/d Applications > 3 mm	12	300	18	3.3	1,5	100
56852	1224-BM	General Purpose Applications	12	300	24	3.3	1,5	100

Model 590L Dry-Cut Saw



Features

- Powerful 2.200 W motor.
- No load speed 1.300 RPM.
- Fitted standard with a 14" (355 mm) 80 Teeth "long life" TCT-tipped blade.
- Produces clean, virtually burr-free cuts on steel, copper, aluminum and plastics.
- Adjustable cutting angle 45° - 90°.
- Quick-acting clamping system for fast operation.
- Spindle-lock for easy blade change.

Catalog No.	Model No.	Description	Weight		Std. Pack
			lb.	kg	
26641	590L	Dry-Cut Saw 230 V 50 HZ	50	23,0	1
26651	590L	Dry-Cut Saw 115 V 50 HZ	50	23,0	1

Application Chart (mm)

Profile	Maximum dimensions		Maximum Wall Thickness At Maximum Dimensions				
	<32 Rc 90°	<32 RC 45°	Ferrous Metals	Copper/ Zinc	Brass	Aluminium	PVC/ ABS
○	130	100	> 0,5 < 6	> 0,5 < 6	> 1,5 < 4	> 0,5 < 6	> 0,5 < 6
□	115 x 115	90 x 90	> 0,5 < 6	> 0,5 < 6	> 1,5 < 4	> 0,5 < 6	> 0,5 < 6
▭	95 x 180	90 x 100	> 0,5 < 6	> 0,5 < 6	> 1,5 < 4	> 0,5 < 6	> 0,5 < 6
└	85 x 85	75 x 75	> 0,5 < 6	> 0,5 < 6	> 1,5 < 4	> 1,0 < 6	> 0,5 < 6

The material thickness given is a guide for profiles at the maximum size for a given hardness.

Tungsten Carbide Tipped Saw Blades



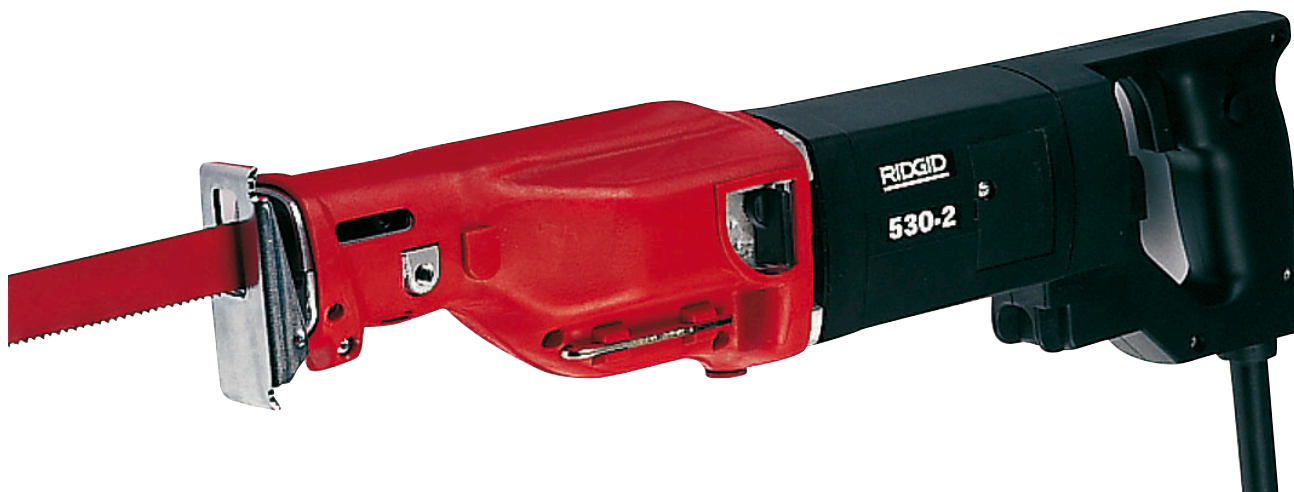
Professional TCT saw blade, designed to cut steel, copper, aluminum and plastics with a maximum wall thickness of 6 mm.

Features

- Cutting angle 0°.
- Clearance angle 13°.
- Chamfer angle 45°.

Catalog No.	Description	Bore mm	Diameter mm	Z	Weight		Std. Pack
					lb.	kg	
58466	TCT Saw Blade for 590	25,4	305	70	2.5	1,12	1
58476	TCT Saw Blade for 590L	25,4	355	80	3.7	1,70	1
71976	TCT Saw Blade for 570	20,0	185	36	0.7	0,3	1

Reciprocating Sawing Machine



Universal Model 530-2

Features

- Powerful 1.300 W motor.
- Orbital and reciprocating action.
- Electronic Power Control.
- Adjustable speed 0 - 2.400 SPM.
- Electronic overload protection.
- Weighs only 3,5 kg. Capacity.

Capacity

- Steel Pipe: 2".
- Sheet Steel: 0.24" (6 mm) maximum wall thickness.
- Wood: 3" x 3" (75 mm x 75 mm).

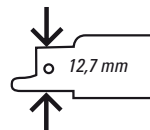
Catalog No.	Description	Weight		Std. Pack
		lb.	kg	
33621	1.300 W Reciprocating Sawing Machine 230 V	7¾	3,5	1

Accessories

Catalog No.	Description	Weight		Std. Pack
		lb.	kg	
78116	Pipe Support 1½	2¼	1,0	1
78186	Metal Carrying Case for 530-2	8¾	4,0	1

Bi-Metal Universal Single Shank Reciprocating Saw Blades

Recommended for use with RIDGID® 530 machines.



Wood Roughing



Catalog No.	Model No.	Length		Teeth per in.	Std. Pack
		in.	mm		
47082	D-989	6	150	6	5
47087	D-990	12	300	6	5
83226	D-973	8	200	6	5

General Purpose Including Wood with Nails



Catalog No.	Model No.	Length		Teeth per in.	Std. Pack
		in.	mm		
33437	D-9999	12	300	10	5
83236	D-974	8	200	10	5
83246	D-975	12	300	5/8	5

Non-Ferrous Metals, Sheet Steel

> 0.12" < 0.24" (> 3 mm < 6 mm) wall thickness.



Catalog No.	Model No.	Length		Teeth per in.	Std. Pack
		in.	mm		
80500	D-984	4	100	14	5
80505	D-985	6	150	14	5
20321	D-1014	8	200	14	5

Non-Ferrous Metals, Galvanised Steel Pipe Tubing

> 0.06" < 0.12" (> 1,5 mm < 3 mm) wall thickness.



Catalog No.	Model No.	Length		Teeth per in.	Std. Pack
		in.	mm		
80480	D-980	4	100	18	5
80510	D-986	6	150	18	5
83206	D-971	8	200	18	5
83216	D-972	9	250	18	5
80520	D-988	2½	65	18	5

Sheet Steel and Tubing

> 0.02" < 0.06" (> 0,4 mm < 1,5 mm) wall thickness.



Catalog No.	Model No.	Length		Teeth per in.	Std. Pack
		in.	mm		
80485	D-981	4	100	24	5
80515	D-987	6	150	24	5

Abrasive Materials

> 0.02" < 0.06" (> 0,4 mm < 1,5 mm) wall thickness.



Catalog No.	Model No.	Length		Teeth per in.	Std. Pack
		in.	mm		
74266	D-1015	8	200	--	5

Heavy-Duty Reciprocating Sawing Machine



Professional Heavy-Duty Model 550-1

Features

- Powerful 1.200 W motor.
- Orbital and reciprocating action.
- Electronic power control.
- Adjustable speed 800 - 2.400 SPM.
- Electronic overload protection.
- Weighs only 3,2 kg.

Capacity

- Steel Pipe: 4".
- Sheet Steel: 0.24" (6 mm) maximum wall thickness.
- Wood: 4.72" x 4.41" (120 mm x 112 mm).

Catalog No.	Description	Weight		Std. Pack
		lb.	kg	
16341	1.200 W Reciprocating Saw 230 V incl. 6" Chain Vice and Metal Carrying Case	21	9,5	1
16711	1.200 W Reciprocating Saw 230 V Switz. incl. 6" Chain Vice and Metal Carrying Case	21	9,5	1
16351	1.200 W Reciprocating Saw 115 V incl. 6" Chain Vice and Metal Carrying Case	21	9,5	1

Accessories

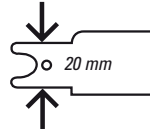
Catalog No.	Description	Weight		Std. Pack
		lb.	kg	
45297	6" Chain Vice for 550 Saw	4½	2,0	1
33036	Metal Carrying Case for 550 Saw	10	4,5	1



6" Chain Vice

Bi-Metal Double Shank Reciprocating Sawing Blades

Recommended for use with RIDGID® 550 machines.



Heavy Wall Steel Pipe

> 0.12" < 0.24" (> 3 mm < 6 mm) wall thickness.



Catalog No.	Model No.	Length		Teeth per in.	Std. Pack
		in.	mm		
71926	D-1004	6	150	8	5
71936	D-1005	8	200	8	5
71946	D-1009	12	300	8	5

Steel Pipe, Nail-Embedded Wood and Universal Applications

> 0.06" < 0.16" (> 1,5 mm < 4 mm) wall thickness.



Catalog No.	Model No.	Length		Teeth per in.	Std. Pack
		in.	mm		
32286	D-1006	6	150	14	5
32296	D-1007	8	200	14	5
35766	D-1008	12	300	14	5

Wood Roughing



Catalog No.	Model No.	Length		Teeth per in.	Std. Pack
		in.	mm		
35786	D-1011	12	300	6	5

Plaster



Catalog No.	Model No.	Length		Teeth per in.	Std. Pack
		in.	mm		
35796	D-1012	6	150	6	5

Hole Cutting Tools



Specifications

- Motor: Universal, 230 V 11 amp, 1.200 W.
- RPM: 360 (no load).
- Hole Cutting Capacity: up to 3" (76 mm).
- Chuck Size: 1/16" (1,6 mm) - 1/2" (13 mm).
- Pipe Diameter Mounting Range: 1 1/2" (38 mm) to 8" (200 mm).
- Weight: 31 lbs. (14 kg).
- Height: 12.8" (32,5 cm).
- Length: 11.9" (30 cm).
- Width: 13.2" (33,5 cm).
- Base and motor can be separated for easy mounting.

Model HC300

The RIDGID Model HC300 Hole Cutting Tool is designed to cut holes up to 3" (76 mm) diameter into steel pipe. The multiple hole size allows the use of fittings such as Mechanical T[™], Vic-O-Let[™], Weld-O-Let[™] and others for branching unpressurized pipelines.

The HC300 features a 1/2" (13 mm) capacity chuck to accommodate all sizes of holes up to 3" (76 mm) diameter and standard hole saw arbors up to 7/16" (11 mm). An integral motor and gear reduction optimizes the performance and saw life in the capacity range. A single-feed handle and ON/OFF switch allows for easy operation. The compact two-piece design allows the HC300 to be used in tight quarters and difficult-to-reach locations.

The Model HC300 offers great features that translate into unparalleled field and shop performance.

- Quick Connecting Two-piece Design. This unique design allows for easy mounting transport and set up. In addition, weighing only 31 lbs. (14 kg), the unit can be broken down into two lighter weight units for maximum transport and operation comfort. This is particularly useful when working off a ladder or overhead.
- Single-hand Chain Latching. The Model HC300 features a patented spring-loaded chain that saves time and significantly aids set up and operation.
- Ergonomic Design. With all controls at the operator's fingertips, the tool has been designed for maximum productivity.
- High Speed. With a powerful 1.200 W, 11 amp motor, the Model HC300 delivers 360 RPM to quickly bore holes while optimizing hole saw life.
- Horizontal and vertical flats to ensure perpendicular cutting.

Standard Equipment

- One Hole Cutting Tool (Base and Motor Assembly).
- One Chuck Key.

Accessories

- Hole Saws.
- R2S Solid Shank Arbor.
- Carrying Case.

Ordering Information

Catalog No.	Model No.	Description	Weight	
			lb.	kg
76787	HC300	3" (76 mm) Hole Cutting Tool 230 V, 50/60 Hz	31	14
16671	R2S	Solid Shank Arbor	3/4	0,3
84427	—	HC-450/HC-300 Carrying Case	19	8,6
77017	—	Chuck Key	1/4	0,1

Note: The HC300 is not a hot tapping tool.

Note: Use the R2S Arbor when drilling 1 1/4" (32 mm) and larger holes.



Model HC450

The RIDGID Model HC450 is engineered for continuous 1/4" (6 mm) to 4 3/4" (120 mm) hole cutting in and up to 8" (203 mm) diameter steel unpressurized pipe. The built-in level ensures line up for multiple holes when branching lines using Mechanical T, Vic-O-Let fittings or welded saddles. Dual-side feed handles and switches provide easier operation from any angle. In addition, the HC450's heavy-duty chuck accommodates 1/8" (3 mm) to 5/8" (16 mm) arbors. The HC450 is ideal for mechanical, industrial maintenance and fire protection contractors since it cuts holes into a wide variety of pipe materials. No off-the-shelf drill-based hole cutter compares in performance or durability to the rugged purposed-built Model 450:

- 13 amp 1.800 W worm-gear driven motor delivers unmatched hole cutting power for both thin and thick wall pipes.
- Engineered for 1/4" (6 mm) to 4 3/4" (120 mm) continuous dry or oiled hole cutting.
- Quickly mounts onto 1 1/4" (32 mm) to 8" (200 mm) diameter pipe.
- RPM maximizes holesaw life and does not spray lubricant or chips.
- Only 11 1/2" (29 cm) high for low clearance jobs.
- Dual-side controls provide easy operation.
- GFCI and a built-in breaker for operator protection.
- Chuck accommodates 1/8" (3 mm) to 5/8" (16 mm) arbors.
- Two carrying handles ease mounting and alignment.
- Built-in level for multiple hole alignment.

Standard Equipment

- One Hole Cutting Tool.
- One 5/8" (16 mm) Arbor only for Hole Saws.
- One Chuck Key.

Ordering Information

Catalog No.	Model No.	Description	Weight	
			lb.	kg
57597	HC450	4 3/4" (120 mm) Hole Cutting Tool 230 V	42.0	19,0
25668	HC450	4 3/4" (120 mm) Hole Cutting Tool 115 V	42.0	19,0

Note: The HC450 is not a hot tapping tool.

Specifications

- Motor: Universal, 115 V or 230 V, 1.800 W.
- RPM: 110 (no load).
- Hole Cutting Capacity: up to 4 3/4" (120 mm).
- Chuck Size: 1/8" (3 mm) - 5/8" (16 mm).
- Pipe Diameter Mounting Range: 1 1/4" (32 mm) to 8" (200 mm).
- Weight: 42 lbs. (19 kg).
- Height: 11 1/2" (29 cm).
- Length: 17" (43 cm).
- Width: 17" (43 cm).

Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
84427	–	HC-450/HC-300 Carry Case	19.0	8,6
59502	R4	5/8" (16 mm) Arbor only for Hole Saws	1/4	0,1
59132	–	Chuck Key	1/4	0,1

Hole Saws



Variable Pitch Hole Saws

Outperform and outlast traditional standard pitch models. Bi-metal construction with teeth made from specially hardened type M3 high speed steel. The varying teeth height and gullet sizes result in much faster cutting and longer life. For wood; mild, stainless steel; cast iron; brass and aluminum. 51 sizes from 14 mm to 152 mm.

Features

- Depth of cut: 1½" (38 mm).
- Bi-metal construction.
- M 3 HSS Cutting edge.
- 3/5 TPI Variable pitch.
- Positive tooth rake.

Use RIDGID Thread Cutting Oil on all metal except cast iron.

Arbor R0 / R1 / R5

Catalog No.	Model No.	Size		Steel RPM	S/Steel RPM	Cast iron RPM	Brass RPM	Aluminium RPM	Std. Pack
		in.	mm						
52755	M14	9/16	14	580	300	400	790	900	1
52760	M16	5/8	16	550	275	365	730	825	1
52765	M17	11/16	17	500	250	330	665	750	1
52770	M19	3/4	19	460	230	300	600	690	1
15561	M20	25/32	20	425	210	280	560	630	1
52775	M21	13/16	21	390	195	260	520	585	1
52780	M22	7/8	22	370	185	245	495	555	1
52785	M24	15/16	24	350	175	235	470	525	1
52790	M25	1	25	325	160	215	435	480	1
52795	M27	1 1/16	27	310	155	210	420	465	1
52800	M29	1 1/8	29	300	150	200	400	450	1
52805	M30	1 3/32	30	285	145	190	280	425	1

Arbor R2 / R2S / R3 / R6 / R7

Catalog No.	Model No.	Size		Steel RPM	S/Steel RPM	Cast iron RPM	Brass RPM	Aluminium RPM	Std. Pack
		in.	mm						
52810	M32	1 1/4	32	275	140	180	360	410	1
52815	M33	1 9/32	33	260	135	175	345	390	1
52820	M35	1 3/8	35	250	125	165	330	375	1
52825	M37	1 15/32	37	240	120	160	315	360	1
52830	M38	1 1/2	38	230	115	150	300	345	1
52835	M40	1 5/16	40	220	110	145	290	330	1
52840	M41	1 5/8	41	210	105	140	280	315	1
52845	M43	1 11/16	43	205	100	135	270	305	1
52850	M44	1 3/4	44	195	95	130	260	295	1
52855	M46	1 13/16	46	190	95	125	250	285	1
52860	M48	1 7/8	48	180	90	120	240	270	1
52865	M51	2	51	170	85	115	230	255	1
52870	M52	2 1/16	52	165	80	110	220	245	1
52875	M54	2 1/8	54	160	80	105	210	240	1
52880	M57	2 1/4	57	150	75	100	200	225	1
52885	M59	2 5/16	59	145	75	100	195	225	1
52890	M60	2 3/8	60	140	70	95	190	220	1
52895	M64	2 1/2	64	135	65	90	180	205	1
52900	M65	2 5/16	65	130	65	85	175	200	1
52905	M67	2 5/8	67	130	65	85	175	200	1
52910	M70	2 3/4	70	125	60	80	160	185	1
52915	M73	2 7/8	73	120	60	80	160	180	1
52920	M76	3	76	115	55	75	150	170	1
52925	M79	3 1/8	79	110	55	70	140	165	1
52930	M83	3 1/4	83	105	50	70	140	155	1
52935	M86	3 3/8	86	100	50	70	130	150	1
52940	M89	3 1/2	89	95	45	65	130	145	1
52945	M92	3 5/8	92	95	45	60	120	140	1
52950	M95	3 3/4	95	90	45	60	120	135	1
52955	M98	3 7/8	98	90	45	60	120	135	1
52960	M102	4	102	85	40	55	110	130	1
52965	M105	4 1/8	105	80	40	55	110	120	1
52970	M108	4 1/4	108	80	40	50	100	120	1
52975	M110	4 3/8	110	80	40	55	100	120	1
52980	M114	4 1/2	114	75	35	50	100	105	1
52985	M121	4 3/4	121	70	35	45	90	95	1
52990	M127	5	127	65	30	40	85	90	1
52995	M140	5 1/2	140	60	30	35	80	85	1
53000	M152	6	152	55	25	35	75	85	1

Hole Saw Kits

Plumber's, electrician's and combination kits each contain a selection of RIDGID hole saws and hole saw arbors for cutting through wood, steel, cast iron, brass and aluminum.



Catalog No.	Model No.	Description	3/4" 19 mm	7/8" 22 mm	1 1/8" 29 mm	1 1/4" 35 mm	1 1/2" 38 mm	1 3/4" 44 mm	2" 51 mm	2 1/4" 57 mm	2 1/2" 64 mm	2 5/8" 67 mm	Arbors			Weight		
													R0	R1	R2	lb.	kg	
81490	1248	Plumber Kit		•	•	•	•	•	•	•	•	•		•	•	•	3 3/4	1,5
81495	1249	Electrician Kit		•	•	•	•	•	•	•	•	•		•	•	•	3 3/4	1,5
81500	1250	General Purpose Kit	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6 1/2	2,8

Hole Saw Arbors



Catalog No.	Model No.	Description	f/ chuck Size		Fits Saws	Shank Size			Weight		Std. Pack
			in.	mm		in.	Type	mm	lbs.	kg	
53065	R0	Hole Saw Arbor	1/8 - 3/8	6 - 10	M 14 - M 30	1/8	Round	6	1/4	0,1	1
53070	R1	Hole Saw Arbor	1/2	12	M 14 - M 30	3/8	Hex	11	1/4	0,1	1
53075	R2	Hole Saw Arbor	1/2	12	M 32 - M 152	3/8	Hex	11	1/2	0,2	1
16671	R2S	Hole Saw Arbor H/D	1/2	12	M 32 - M 152	3/8	Hex	11	1/2	0,2	1
53080	R3	Hole Saw Arbor	3/4	20	M 32 - M 152	1/2	Hex	16	1/2	0,2	1
59502	R4	Hole Saw Arbor	1/2	16	M 76 - M 152	1/2	Hex	16	1/2	0,2	1
16286	R5	Hole Saw Arbor	3/8	10	M 14 - M 30	3/8	Hex	9	1/4	0,1	1
16296	R6	Hole Saw Arbor	1/2	12	M 32 - M 38	3/8	Hex	11	1/4	0,1	1
53090	R7	Hole Saw Arbor	3/8	10	M 32 - M 152	3/8	Hex	10	1/4	0,1	1

Note: R2S W / Heavy Duty shank is recommended for chuck sizes > 1/2" (13 mm).

Arbor Extension



Catalog No.	Model No.	Description	f/ chuck Size		Shank Size			Weight		Std. Pack
			in.	mm	in.	Type	mm	lbs.	kg	
81505	--	Arbor Extension	1/2	12	1/2	Hex	12	1	0,4	1

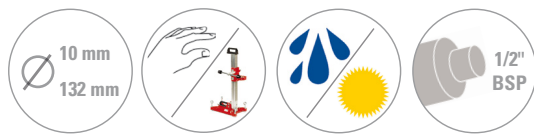
Accepts Arbor Nos. R1 - R2 - R2S - R6.

Pilot Drills



Catalog No.	Model No.	Description	Shank Size		Weight		Std. Pack
			in.	mm	lbs.	kg	
53085	--	Pilot Drill (115 mm)	1/8	6,4	1/4	0,1	3
16276	--	Pilot Drill (75 mm)	1/8	6,4	1/4	0,1	3

Diamond Drilling



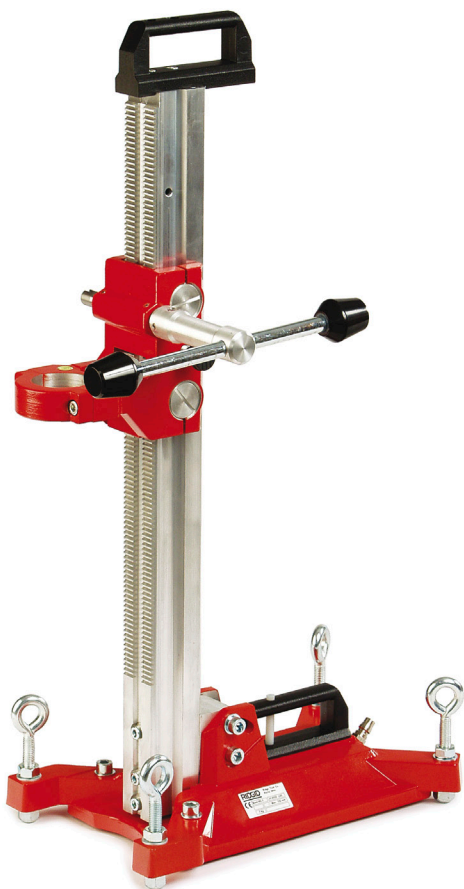
Model HC-2W Drill/System

Motor Features

- Versatile: Suitable for dry or wet drilling.
- Freehand drilling in brickwork up to 5¼" (132 mm), freehand wet drilling in concrete up to 3¼" (82 mm); wet drilling in reinforced concrete up to 5¼" (132 mm) when using the stand (Cat. No. 59016).
- Regulation of waterflow located on the handle, for optimal control during handheld operation.
- Overload indicator (LED) gives visual feedback while drilling.
- External water seals for easy replacement.
- Supplied in metal carrying case.

Motor Technical Specifications

- 1.800 W, 2-Speed motor (800 / 1570 RPM).
- Spindle: ½" (12,7 mm) BSP (M).
- Adaptor: ½" (12,7 mm) (F) to ½" (12,7 mm) (F) included (Cat. No. 68426).
- Use of dust extractor (Cat. No. 68416) and pilot drill recommended when drilling dry.
- Mechanical protection clutch.
- Long connection cable with integrated ground fault circuit interrupter (PRCD) for operator safety.
- Replaceable carbon brushes.
- Tool weight: 13¼ lb. (6,0 kg).



Stand Features

- Recommended for more stable drilling with HC-2(W).
- Drill-hole centre indicator, drilling depth indicator for accurate drilling.
- Built-in spirit levels and 4 adjustment screws for perpendicular drilling.
- Combined base for vacuum or anchor fixing.

Stand Technical Specifications

- Max. capacity 5¼" (132 mm).
- Max. depth of feed: 17¾" (450 mm).
- Drilling angle up to 45°.
- Delivered with rubber seal for vacuum base.
- Dimensions of stand (L x W x H): 15¾" (400 mm) x 9" (230 mm) x 27½" (700 mm).
- Lightweight: 18¾ lb. (8,5 kg.).

Ordering Information

Catalog No.	Model No.	Description	Weight		Std. Pack
			lb.	kg	
26721	HC-2W	HC-2W, Handheld Dry and Wet Drill, 230 V, PRC D	13¼	6,0	1
26741	HC-2W-C	230 V Complete with Dust Extractor & Wrenches	14	6,4	1
59016	–	HC-2 Stand + Anchoring Set	15½	7,0	1
26381	–	HC-2W, 230 V + Stand + Anchoring Set	28½	13,0	1

Accessories

Catalog No.	Image	Description	Weight		Std. Pack
			lb.	kg	
68526		Water Collector for Handheld Wet Drilling up to 4¾" (112 mm) Note: water collector requires use of inserts: see page 6.18 for details.	–	–	–
68956		Spare Rubber for Vacuum Base	¼	0,1	1
75566		Water Collector ø 5¼" (ø 132 mm) for Stationary Use, with Fixing Clamp Included Delivered with 1 Rubber Seal	2¼	1,0	1
75576		Rubber Seal for HC-2(W) Water Collector Ring	¼	0,1	1

Diamond Drilling



Model RB-3W Drilling System

System Features

1. Combined base for vacuum or anchor fixing.
2. 4 Adjustment screws for perpendicular drilling.
3. 2 Support arms for extra rigidity.
4. Built-in spirit levels.
5. Torsion-resistant aluminium column for drilling up to 45°.
6. Jack screw for clamping against the ceiling.
7. Motor gear box with integrated oil pump for continuous lubrication.
8. External water supply for wet drilling.
9. Drill-hole centre indicator for accurate drilling.

Optional Equipment: (See pages 6.15 - 6.18 for details).

10. Vacuum air hose (Cat. No. 51447).
11. Vacuum pump for fixation of base (Cat. No. 27471).
12. Water pressure tank (Cat. No. 61726).

Catalog No.	Model No.	Description	Weight		Std. Pack
			lb.	kg	
34501	RB-3W System	RB-3W Motor, 230 V + Stand + Anchoring Set	44	19,9	1
34601	RB-3W System	RB-3W Motor, 115 V + Stand + Anchoring Set	44	19,9	1
34611	RB-3W-C	RB-3W, 230 V Complete Includes: Motor, Dust Extractor, Wrenches, Stand, Anchoring Set, Vacuum Pump and Vacuum Air Hose	59	26,8	1
34621	RB-3W-C	RB-3W, 115 V Complete Includes: Motor, Dust Extractor, Wrenches, Stand, Anchoring Set, Vacuum Pump and Vacuum Air Hose	59	26,8	1
34521	RB-3W Stand	Stand for RB-3W	30½	13,8	1
34511	RB-3W Motor	RB-3W Dry and Wet Drilling Motor, 230 V, PRCD	13½	6,1	1
34581	RB-3W Motor	RB-3W Dry and Wet Drilling Motor, 115 V, PRCD	13½	6,1	1

RB-3W motor delivered standard with ½" (F) to ½" (F) & 1¼" (M) combi adaptor and ½" (F) to ½" (F) adaptor.

RB-3W Accessories

Catalog No.	Description	Weight		Std. Pack
		lb.	kg	
88916	Water Collector for Handheld Wet Drilling up to 3¼" (82 mm) Note: water collector requires use of inserts: see page 6.18 for details	½	0,2	1
66466	Spare Rubber for Vacuum Base	¼	0,1	1
84186	Water Collector ø 6" (ø 152 mm) for Stationary Use, with Fixing Clamp Included Delivered with 1 Rubber Seal	2¼	1,0	1
84196	Rubber Seal for RB-3W Water Collector Ring	½	0,2	1



Stand Features

- Combined base for vacuum or anchor fixing.
- Quick-acting motor connection.
- Ceiling jack on top of column.
- 2 Built-in spirit levels and 4 adjustment screws for perpendicular drilling.
- Drill-hole centre indicator, drilling depth indicator for accurate drilling.
- Carrying handle.
- Support arms for optimal fixation.

Stand Technical Specifications

- Max. capacity 162 mm.
- Max. depth of feed: 540 mm.
- Drilling angle up to 45°.
- Delivered with rubber seal for vacuum base.
- Dimensions of stand (L x W x H): 480 mm x 280 mm x 995 mm.
- Stand weight: 13,8 kg.

Model RB-3W Motor Features

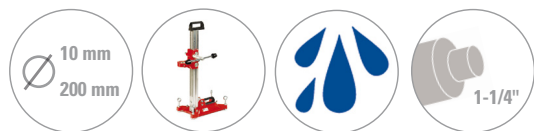
- Suitable for dry or wet drilling, freehand drilling or drilling from the stand.
- Freehand dry drilling in brickwork up to 162 mm; freehand wet drilling in concrete up to 82 mm, wet drilling up to 162 mm with the stand.
- Regulation of waterflow located on the handle, for optimal control during handheld wet drilling operation.
- Tool-free quick-acting fixation of machine to the stand.
- Overload indicator (LED) gives visual feedback while drilling.
- Gearbox with integrated oil pump for continuous lubrication.
- Torque used for drilling adjusts itself according to selected gear.
- Supplied in a metal carrying case.
- External water seals for easy replacement.
- Water supply is physically separated from dust exhaust & rest of the machine, ensuring improved tool life and increased user safety.



Motor Technical Specifications

- 1.900 W, 3 speed motor (450 / 1250 / 2700 RPM).
- Spindle: 1/2" BSP (M).
- Adaptor: 1/2" BSP (F) to 1/2" BSP (F) included.
- Combi adaptor 1/2" BSP (F) to 1/2" BSP (F) & 1 1/4" UNC (M) included.
- Use of dust extractor (Cat. No. 68416) recommended when drilling dry.
- Mechanical protection clutch.
- Full-wave electronics with soft start, mechanical and thermal protection.
- Long connection cable with integrated user protection (PRCD).
- Replaceable carbon brushes.
- Tool weight: 6,1 kg.

Diamond Drilling



RB-208/3 Drilling System

Motor Features

- Quick-acting connection of machine to the stand.
- Overload indicator (LED) gives visual feedback while drilling.
- External water seal for easy replacement.
- Replaceable brushes.
- Moto cooling system for heavy duty application.
- Gearbox with integrated oil pump for continuous lubrication.

Motor Technical Specifications

- Max. capacity 8" (200 mm) with water collector.
- 2.500 W Motor, 3 speed (320 / 800 / 1300 RPM).
- Mechanical, electrical and thermal protection.
- Long connection cable with integrated user protection (PRCD).
- Motor weight: 30½ lb. (13,8 kg.).

Stand Features

- Combined base for vacuum or anchor fixing.
- Ceiling jack on top of column.
- 2 Built-in spirit levels for perpendicular drilling.
- Drill-hole centre indicator, drilling depth indicator for accurate drilling.
- Carrying handle.
- Support arms for optimal fixation.

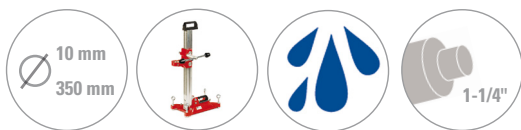
Stand Technical Specifications

- Max. capacity 8" (200 mm).
- Max. depth of feed: 22" (560 mm).
- Drilling angle up to 45°.
- Delivered with rubber seal for vacuum base.
- Dimensions of stand (L x W x H): 19" (480 mm) x 11" (280 mm) x 39" (995 mm).
- Stand weight: 307⁄8 lb. (14,0 kg.).

Catalog No.	Model No.	Description	Weight		Std. Pack
			lb.	kg	
33411	RB-208/3	RB-208/3, 230 V Motor + Stand + Anchoring Set + Wrenches	61¾	28,0	1
33421	RB-208/3-C	RB-208/3, 230 V Motor + Stand + Anchoring Set + Vacuum Pump + Air Hose + Wrenches	68¾	31,0	1
33431	RB-208/3	RB-208/3, 115 V Motor + Stand + Anchoring Set + Wrenches	61¾	28,0	1

Accessories for RB 208 stand

Catalog No.	Description	Weight		Std. Pack
		lb.	kg	
66466	Spare Rubber for Vacuum Base	¼	0,1	1
75536	Water Collector Ring for RB-208/3; Delivered with Fixed Clamp and 1 Rubber Seal	¼	0,1	1
75546	Rubber Seal for RB-208/3 Water Collector Ring	½	0,2	1



RB-214/3 Drilling System

Motor Features

- Quick-acting connection of machine to the stand.
- Overload indicator (LED) gives visual feedback while drilling.
- External water seal for easy replacement.
- Replaceable brushes.
- Moto cooling system for heavy duty application.
- Gearbox with integrated oil pump for continuous lubrication.
- Carrying handle on the motor.

Motor Technical Specifications

- Max. capacity up to 13³/₄" (350 mm) with water collector.
- 3.500 W Motor, 3 speed (320 / 500 / 1030 RPM).
- Mechanical, electrical and thermal protection.
- Long connection cable with integrated user protection (PRCD).
- Motor weight: 30¹/₄ lb. (13,7 kg.).

Stand Features

- Heavy duty torsion resistant aluminium column.
- Solid base for anchor fixing.
- Ceiling jack on top of column.
- Wheels for optimal mobility.

Stand Technical Specifications

- Max. capacity 13³/₄" (350 mm).
- Max. depth of feed: 22" (560 mm).
- Drilling angle up to 45°.
- Horizontal and vertical spirit levels and four adjustment screws for perpendicular drilling.
- Drill-hole centre indicator for accurate drilling depth indicator.
- Optional: vacuum pad.
- Dimensions of stand (L x W x H): 17" (430 mm) x 9⁷/₈" (250 mm) x 43¹/₄" (1100 mm).
- Stand weight: 37¹/₂ lb. (17,0 kg.).

Catalog No.	Model No.	Description	Weight		Std. Pack
			lb.	kg	
35091	RB-214/3	RB-214/3, 230 V Motor + Stand + Anchoring Set + Wrenches	68 ¹ / ₄	31,0	1
35101	RB-214/3-C	RB-214/3, 230 V Motor + Stand + Anchoring Set + Vacuum Pad, Pump & Air Hose + Wrenches	75	34,0	1
35111	RB-214/3	RB-214/3, 115 V Motor + Stand + Anchoring Set + Wrenches	68 ¹ / ₄	31,0	1


Accessories for RB 208 stand

Catalog No.	Description	Weight		Std. Pack
		lb.	kg	
68346	Vacuum Pad for RB-214/3 (L x W x H): 13 ³ / ₈ " (340 mm), 20 ¹ / ₂ " (520 mm), 1 ¹ / ₂ " (40 mm)	11 ³ / ₄	5,3	x
74526	Spare Rubber for Vacuum Pad	1/4	0,1	1
84736	Water Collector Ring for RB-214/3; Delivered with Fixing Clamp and One Rubber Seal	5/8	0,3	1
84746	Rubber Seal for RB-214/3 Water Collector Ring	5/8	0,3	1

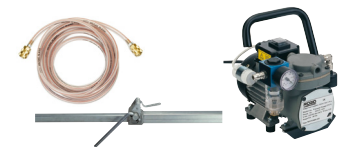


SAWING & DRILLING

Accessories for Core Drilling Machines



Accessories For Wet Drilling

Cat. No.		Description	HC-2W	RB-3W	RB-208	RB-214
61726		Water Pressure Tank (10 l)	•	•	•	•
68526		Water Collector for Handheld Wet Drilling up to 112 mm	•	–	–	–
88916		Water Collector for RB-3W	–	•	–	–
75586		Insert for Water Collector Handheld Drilling 10 mm	•	–	–	–
75596		Insert for Water Collector Handheld Drilling 12 mm	•	–	–	–
75606		Insert for Water Collector Handheld Drilling 14 mm	•	–	–	–
75616		Insert for Water Collector Handheld Drilling 16 mm	•	–	–	–
75626		Insert for Water Collector Handheld Drilling 18 mm	•	–	–	–
75636		Insert for Water Collector Handheld Drilling 20 mm	•	–	–	–
75646		Insert for Water Collector Handheld Drilling 22 mm	•	–	–	–
75656		Insert for Water Collector Handheld Drilling 25 mm	•	–	–	–
75666		Insert for Water Collector Handheld Drilling 28 mm	•	–	–	–
75676		Insert for Water Collector Handheld Drilling 30 mm	•	–	–	–
75687		Insert for Water Collector Handheld Drilling 32 mm	•	–	–	–
75696		Insert for Water Collector Handheld Drilling 35 mm	•	–	–	–
75706		Insert for Water Collector Handheld Drilling 40 mm	•	–	–	–
75716		Insert for Water Collector Handheld Drilling 52 mm	•	–	–	–
88926		Insert for Water Collector, 52 cm for RB-3W	–	•	–	–
75726		Insert for Water Collector Handheld Drilling 62 mm	•	–	–	–
75736		Insert for Water Collector Handheld Drilling 72 mm	•	–	–	–
88946	Insert for Water Collector, 72 cm for RB-3W	–	•	–	–	
75746	Insert for Water Collector Handheld Drilling 82 mm	•	–	–	–	
88956	Insert for Water Collector, 82 cm for RB-3W	–	•	–	–	
75846	Insert for Water Collector Handheld Drilling 91 mm	•	–	–	–	
75856	Insert for Water Collector Handheld Drilling 112 mm	•	–	–	–	

Accessories For Stand Fixation

Cat. No.		Description	HC-2W	RB-3W	RB-208	RB-214
27471		Vacuum Pump, 230 V	•	•	•	•
84206		Vacuum Pump, 115 V	•	•	•	•
51447		Vacuum Air Hose	•	•	•	•
60796		Quick Fixing Device, max. 1.102 lb. (500 kg)	•	•	•	•
83386		Anchoring Set for Soft Material (Brickwork...)	•	•	•	•
84606		Set of 2 Anchoring Plugs for Soft Material	•	•	•	•
75526		Anchoring Set for Hard Material (Concrete...)	•	•	•	•
75796		Set of 10 Anchoring Plugs for Hard Material	•	•	•	•

General Accessories

Cat. No.		Description	HC-2W	RB-3W	RB-208	RB-214
27851		V1225 Dust & Water Extractor, 25 l Capacity	•	•	•	•
27861		V1250 Dust & Water Extractor, 50 l Capacity	•	•	•	•
53066		Set of Wrenches (22, 24, 26, 28, 32 mm)	•	•	–	–

Drilling Components



Wet

Adaptor of 1/2" to 1/2" (F)
Cat. No. 68426

Wet Bit 1/2" (M)

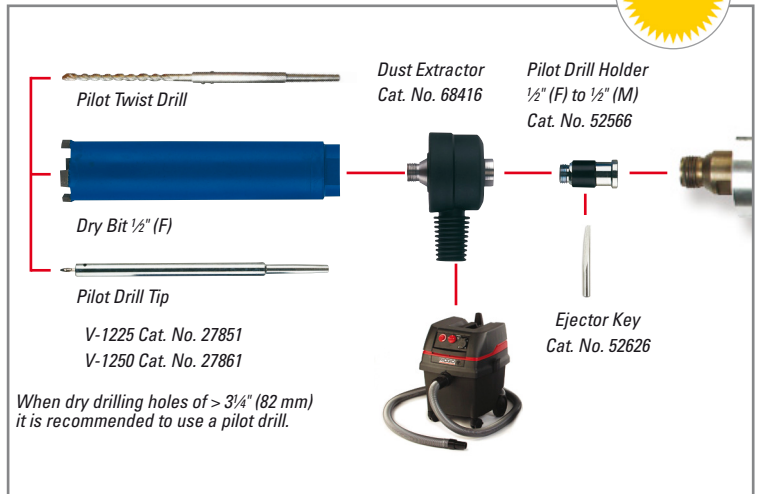
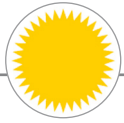
Wet Bit 1 1/4" (F)

Combi Adaptor of 1/2" (F) to 1 1/4" (M) + 1/2" (F) Cat. No. 83616

Cat. No. 68426 standard with HC-2
Cat. No. 68426 & 83616 standard with RB-3W

How to drill with HC-2(W), RB-3W?

Dry



Handheld Wet Drilling with Crown Segment Diamond Bits

1/2" BSP (M) coupling fits:

- All core drilling machines with a 1/2" (12,7 mm) (F) connection.
- Current RIDGID® models: HC-2, HC-2W, RB-3W.
- Previous RIDGID® models: RB-204, RB-125.



Size (mm)	Catalog No.	Overall Length		Segment: H x W	
		in.	mm	in.	mm
10	42246	8	200	1/4 x 1/16	7,0 x 2,0
12	42256	8	200	1/4 x 1/16	7,0 x 2,0
14	42266	8	200	1/4 x 1/16	7,0 x 2,0
16	42276	8	200	1/4 x 1/16	7,0 x 2,0
18	42286	8	200	1/4 x 1/16	7,0 x 2,0
20	42296	13 3/4	350	1/4 x 1/16	7,0 x 2,0
22	42306	13 3/4	350	1/4 x 1/16	7,0 x 2,0
25	42316	13 3/4	350	1/4 x 1/16	7,0 x 2,0
28	42336	13 3/4	350	1/4 x 1/16	7,0 x 2,0
30	42346	13 3/4	350	1/4 x 1/16	7,0 x 2,0
32	52066	13 3/4	350	1/4 x 1/16	7,0 x 2,0
35	57296	13 3/4	350	1/4 x 1/16	7,0 x 2,0
40	52076	13 3/4	350	1/4 x 3/32	7,0 x 2,5
52	52086	13 3/4	350	1/4 x 3/32	7,0 x 2,5
62	52106	13 3/4	350	1/4 x 3/32	7,0 x 2,5
72	52096	13 3/4	350	1/4 x 3/32	7,0 x 2,5
82	52116	13 3/4	350	1/4 x 3/32	7,0 x 2,5
102	52126	13 3/4	350	1/4 x 1/8	7,0 x 3,0
112	52536	13 3/4	350	1/4 x 1/8	7,0 x 3,0

Sizes up to 30 mm are also suitable for wet drilling from a stand.



Wet Drilling from Stand with Segmented Diamond Bits

1/2" BSP (M) coupling fits:

- All core drilling machines with a 1/2" (12,7 mm) (F) connection.
- Current RIDGID models: HC-2, HC-2W, RB-3W.
- Previous RIDGID models: RB-204, RB-125



1/2" BSP (M)

Size (mm)	Catalog No.	Overall Length		Segment: L x H x W		Qty.
		in.	mm	in.	mm	
32	42356	13 3/4	350	3/8 x 1/4 x 1/8	10 x 6 x 3	4
40	42366	13 3/4	350	5/8 x 1/4 x 1/8	16 x 6 x 3	5
42	52876	13 3/4	350	5/8 x 1/4 x 1/8	16 x 6 x 3	5
52	42376	13 3/4	350	5/8 x 1/4 x 1/8	16 x 6 x 3	6
57	52886	13 3/4	350	5/8 x 1/4 x 1/8	16 x 6 x 3	6
60	42386	13 3/4	350	5/8 x 1/4 x 1/8	16 x 6 x 3	7
62	52896	13 3/4	350	5/8 x 1/4 x 1/8	16 x 6 x 3	7
65	42396	13 3/4	350	5/8 x 1/4 x 1/8	16 x 6 x 3	7
72	51646	13 3/4	350	1 x 9/32 x 5/32	24 x 7 x 3,5	6
78	51656	13 3/4	350	1 x 9/32 x 5/32	24 x 7 x 3,5	6
82	51666	13 3/4	350	1 x 9/32 x 5/32	24 x 7 x 3,5	7
91	51676	13 3/4	350	1 x 9/32 x 5/32	24 x 7 x 3,5	7
102	51686	13 3/4	350	1 x 9/32 x 3/8	24 x 7 x 4	8
112	51706	13 3/4	350	1 x 9/32 x 3/8	24 x 7 x 4	9
127	52936	13 3/4	350	1 x 9/32 x 3/8	24 x 7 x 4	11
132	64316	13 3/4	350	1 x 9/32 x 3/8	24 x 7 x 4	11

1 1/4" UNC (F) coupling fits:

- All core drilling machines with a 1 1/4" (32 mm) (M) connection.
- Current RIDGID models: RB-3W, RB-208/3 and 214/3.
- Previous RIDGID models: RB-206, RB-206/3, RB212 and RB-215.



1 1/4" UNC (F)

Size (mm)	Catalog No.	Overall Length		Segment: L x H x W		Qty.
		in.	mm	in.	mm	
52	58306	17 3/4	450	5/8 x 1/4 x 1/8	16 x 6 x 3	6
60	58316	17 3/4	450	5/8 x 1/4 x 1/8	16 x 6 x 3	7
65	58326	17 3/4	450	5/8 x 1/4 x 1/8	16 x 6 x 3	7
72	51636	17 3/4	450	1 x 9/32 x 5/32	24 x 7 x 3,5	6
78	42406	17 3/4	450	1 x 9/32 x 5/32	24 x 7 x 3,5	6
82	42416	17 3/4	450	1 x 9/32 x 5/32	24 x 7 x 3,5	7
91	42426	17 3/4	450	1 x 9/32 x 5/32	24 x 7 x 3,5	7
102	42436	17 3/4	450	1 x 9/32 x 1 1/64	24 x 7 x 4	8
112	42456	17 3/4	450	1 x 9/32 x 1 1/64	24 x 7 x 4	9
127	42466	17 3/4	450	1 x 9/32 x 1 1/64	24 x 7 x 4	11
132	51716	17 3/4	450	1 x 9/32 x 1 1/64	24 x 7 x 4	11
142	42916	17 3/4	450	1 x 9/32 x 1 1/64	24 x 7 x 4	12
152	42476	17 3/4	450	1 x 9/32 x 3/16	24 x 7 x 4,5	12
162	42486	17 3/4	450	1 x 9/32 x 3/16	24 x 7 x 4,5	12
178	42496	17 3/4	450	1 x 9/32 x 3/16	24 x 7 x 4,5	13
182	52916	17 3/4	450	1 x 9/32 x 3/16	24 x 7 x 4,5	14
200	42506	17 3/4	450	1 x 9/32 x 3/16	24 x 7 x 4,5	15
225	42516	17 3/4	450	1 x 9/32 x 3/16	24 x 7 x 4,5	17
250	42526	17 3/4	450	1 x 9/32 x 3/16	24 x 7 x 4,5	18
300	42536	17 3/4	450	1 x 9/32 x 3/16	24 x 7 x 4,5	19
350	42546	17 3/4	450	1 x 9/32 x 3/16	24 x 7 x 4,5	22





Segmented Dry Drilling with Diamond Bits

Dry bits for drilling in hard material, 1/2" BSP (F) fits:

- All core drilling machines with a 1/2" (12,7 mm) (M) connection.
- Current RIDGID models: HC-2, HC-2W, RB-3W.



Size (mm)	Working Length 8" (200 mm) Cat. No.	Working Length 12" (300 mm) Cat. No.	Segment: L x H x W		Qty.
			in.	mm	
22	70296*	52636	3/8 x 1/4 x 1/8	10 x 6 x 3	3
28	70306*	52646	3/8 x 1/4 x 1/8	10 x 6 x 3	4
32	70286*	52656	3/8 x 1/4 x 1/8	10 x 6 x 3	4
38	52666	62876	3/8 x 1/4 x 1/8	10 x 6 x 3	4
42	52676	62886	1/2 x 9/32 x 5/32	12 x 7 x 3,5	4
52	52686	62896	1/2 x 9/32 x 5/32	12 x 7 x 3,5	5
65	52696	62906	1/2 x 9/32 x 5/32	12 x 7 x 3,5	6
68	52706**	62916	1/2 x 9/32 x 5/32	12 x 7 x 3,5	6
82	52736** / 52726	62926	1/2 x 9/32 x 5/32	12 x 7 x 3,5	8
91	52756	62936	1/2 x 9/32 x 5/32	12 x 7 x 3,5	9
102	52766	62946	1/2 x 9/32 x 11/64	12 x 7 x 4	10
112	52776	62956	1/2 x 9/32 x 11/64	12 x 7 x 4	11
117	--	63186	1/2 x 9/32 x 11/64	12 x 7 x 4	11
122	52796	62966	1/2 x 9/32 x 11/64	12 x 7 x 4	11
127	52806	62976	1/2 x 9/32 x 11/64	12 x 7 x 4	12
132	52816	62996	1/2 x 9/32 x 11/64	12 x 7 x 4	12
152	52826	63006	1/2 x 9/32 x 3/16	12 x 7 x 4,5	14
162	52836	63016	1/2 x 9/32 x 3/16	12 x 7 x 4,5	15

* 500 mm working length

** 70 mm length for electrical switch boxes

Accessories for Diamond Core Drills



Cat. No.	Description
Spindle Adaptors	
68426	Adaptor 1/2" BSP (F) to 1/2" BSP (F)
84576	Adaptor M16 (F) to 1/2" (F) BSP
83616	Combi Adaptor 1/2" (F) to 1 1/4" (M) External, 1/2" (F) Internal
42716	Adaptor 1 1/4" UNC (F) to 1/2" BSP (F)
42726	Adaptor 1 1/4" UNC (M) to 1/2" BSP (M)
68516	Adaptor 1/2" BSP (F) to M16 (M)
57936	Adaptor 2" x 1/2" BSP (M)
Adaptors for Hilti Machines	
52786	Chuck Adaptor to 1/2" BSP (M)
66956	Adaptor fir Hilti DD100 to 1/2" BSP (F)
1/2" Extension Rods for HC-2W, RB-3W	
52366	Extension, 6" Length, ø 1 3/16" 1/2" (M) -- > 1/2" (F)
42766	Extension, 12" Length, ø 1 3/16" 1/2" (M) -- > 1/2" (F)
1 1/4" Extension Rods for RB-208, RB-212, RB-214	
42806	Extension, 12" Length, ø 1 7/8" 1 1/4" (F) -- > 1 1/4" (M)
General Accessories	
42936	Copper Ring for easy Bit Removal, 1 1/4"
57236	Copper Grease Tube
42946	Sharpening Stone for Sharpening of Diamond Segments
Pilot Drill Accessories for Dry Drilling with HC-1, HC-2 (W), RB-3W	
68416	Dust Extractor for Dry Use Only
52566	Pilot Drill Holder
57866	Drill Tip Support & ø 5 mm Drill Tip for 200 mm Bit
57876	Drill Tip Support & ø 5 mm Drill Tip for 200 mm Bit with Dust Extraction
66996	Drill Tip Support & ø 5 mm Drill Tip for 300 mm Bit
57916	Drill Tip Support & ø 5 mm Drill Tip for 300 mm Bit with Dust Extraction
57886	ø 5 mm Replacement Drill Tip for Pilot Drills Above
52606	Pilot Drill 10 x 210 mm for 200 mm bit
52616	Pilot Drill 10 x 300 mm for 200 mm bit with dust extractor
52626	Ejector Key