







RODIA® Diamond Core Drilling Equipment







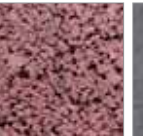


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System Overview Diamond Core Drilling

ROTHENBERGER Diamond Drilling Technology						
	RODIADRILL Ceramic/ Ceramic ECO	RODIADRILL 1800 DRY	RODIACUT® 130 DWS	RODIACUT® 170 PRO	RODIACUT® 270 PRO	RODIACUT® 400 PRO
						
Drilling range in concrete	6 - 68 mm	-	10 - 132 mm	10 - 172 mm	32 - 272 mm	32 - 402 (502) mm
Drilling range in masonry	6 - 68 mm	32 - 202 mm	32 - 152 mm	32 - 202 mm	32 - 272 mm	32 - 402 (502) mm
Distance to wall	30 mm	40 mm	40 mm	40 mm	50 mm	50 mm
Stationary	- / 68 mm	32 - 152 mm	10 - 132 mm	10 - 172 mm	32 - 272 mm	32 - 402 (500) mm
Watt output	800 W	1800 W	1400 W	1800 W	2400 W	3000 W
Weight	3.4 / 3.2 kg	5.8 kg	16.2 kg	12.8 kg	30.5 kg	40.5 kg
Special-features	Wide area of use, extremely light machine, especially for hard natural stone/tiles	Soft pulse can be turned on / off Integrated extraction rotor	4 functions with just one device Patented drill stand	4 functions with just one device Fully equipped drill stand	Motor-quick release system Fully equipped drill stand	Innovative motor electronics, fully equipped drill stand, extremely high torque
	298, 299	297	300	302, 303	304, 305	306, 307

ROTHENBERGER Diamond Core Drill Bits				
	Duramant PRO / DX-High Speed Plus	SPEED STAR DX	High Speed Plus natural stone	EUROLASER
				
Application Area	Wet and dry drill bit	Wet and dry drill bit	Wet drill bit	Dry drill bit
Socket threads	R1/2" + 1.1/4" UNC	R1/2" + 1.1/4" UNC	R1/2"	M16, M30 x 2, 1.1/4" UNC
Effective length	320, 430 / 400, 500	400 / 500	60 / 120 / 300	90 / 150 / 300
Segment mount	Laser-welded / space welded	Space welded	Soldered	Laser-welded
Segment form	Roof-type segment / PRISMACUT	PRISMACUT	Flat segment	Roof-type segment
Material	Reinforced concrete, concrete marble, granite, lime sand brick, hollow brickwork, masonry, aerated concrete, clinker	Reinforced concrete, concrete asphalt*, pavement* <small>*custom-made on request</small>	Reinforced concrete, marble granite, hollow brickwork masonry, clinker	Lime sand brick, hollow brickwork, masonry, aerated concrete, clinker
	310 - 311 / 313	312	314	315

Reinforced concrete	Marble	Granite	Lime sand brick	Hollow Brickwork	Masonry	Aerated concrete	Asphalt	Pavement
								

Hand-Operated Dry Drilling Machine

RODIADRILL 1800 DRY

Hand-operated dry drilling, drill Ø 32 - 202 mm



Product Profile

APPLICATION AREA

Hand-operated dry drilling, optimal for drilling in lime sand brick, masonry, brickwork, pumice, aerated concrete. Ideal for use in the HVAC&R, plumbing and electrical industries, in enclosed rooms or in inhabited buildings where jolt and dust free operation is required, (in accordance with § 45 Abs. 1 and 2 ASchG).

KEY FEATURES

- 1 Efficient drilling with the help of the POWER PULS technology
- 2 Optimum drilling results with the powerful extraction rotor
- 3 Electronic friction clutch with 20 Nm torque
- 4 Safe operation with the electronic soft start with overload indicator
- 5 Better operating position, directly against the wall, small compact design

KEY FEATURES

- Operation possible with Rodiacut® 170 Pro (FF30171), (131 DWS (FF30131)) drill stand
- Clamping adaptor Ø 56 mm

TECHNICAL DATA

Transmission:	1 speed transmission
Nominal speed:	1150 rpm
Drilling range in mm:	Ø 32 - 202
Voltage:	230 V
Rated input/output:	2500 Watt / 1800 Watt
Charging rate:	8.5 A
Minimum distance to wall:	40 mm from drill hole centre
Minimum distance to corner:	40 mm from drill hole centre
Weight:	5.8 kg

- 1 **POWER PULS-Technology**
mode with 23.000 soft
beats per minute

Efficient drilling in hard
materials

- 2 **Small integrated
dust extraction**

Optimum drilling results
for larger diameters



Lightweight: 5.8 kg

4-part set (No. FF40185) includes: Drill motor RODIADRILL 1800 DRY incl. transport case (No. FF60185), spanner size 24 and size 36 (No. FF70024 / No. FF70036)

Model	kg	No.
RODIADRILL 1800 DRY Set	5.80	FF40185

Dust free use



9



ACCESSORIES



Description	kg	No.	Description	kg	No.
Centering pin as drill support, 300 mm	0.33	FF03300	Socket drill bit Ø 68 mm	0.20	FF03168
Centering pin as drill support, 400 mm	0.35	FF03301	Socket drill bit Ø 82 mm	0.30	FF03182
Centering tip "Quick Out" (only with FF35097)	0.10	FF35096	RODIA DC 1200	10.80	FF35148
Adaptor R 1/2" for M16	0.10	FF35097	Transport case RODIADRILL 1800 DRY	4.40	FF60185

EUROLASER drill bits on 315

ROTHENBERGER

Hand-Operated Wet Drilling Machines

RODIADRILL Ceramic RODIADRILL Ceramic ECO



Hand-operated wet drilling, drill Ø 6 - 68 mm

Ideally suited for HVAC&R, plumbing professionals, tilers, stair builders, remodelling specialists as well as electricians.

Everywhere where jolt-free operation is necessary and extremely hard materials need to be processed.

Product Profile

APPLICATION AREA

Hand-operated wet drilling in:
(reinforced) concrete Ø 6 - 35 mm, marble, granite, ceramic tiles Ø 6 - 68 mm, masonry and hollow brickwork Ø 6 - 68 mm, glass Ø 6 - 68 mm

KEY FEATURES

- For all common R 1/2" drill bits
- Fatigue-free operation with the light weight
- Also drills through material combinations (for example tiles + masonry) without damaging material or surfaces and without cumbersome tool change
- Safe operation with the mechanical friction clutch and PRCD switch
- ① "Aqua-Stop Button" with quantity adjustment
- ② Ideal for serial drilling with the external water supply
- ③ Tool-less exchange of the drill bits with the Quick Change system
- ④ Integrated 1 litre water tank for 4-6 drill holes

TECHNICAL DATA

2-speed transmission:	1. Gear speed	2. Gear speed
Nominal speed:	3600 rpm	6400 rpm
Drilling range in mm:	Ø 25 - 68	Ø 6 - 25
Voltage:	230 V	
Rated input/output:	1150 Watt / 800 Watt	
Charging rate:	3.6 A	
Maximum drilling depth:	400 mm (depending on material)	
Minimum distance to wall:	30 mm from drill hole centre	
Minimum distance to corner:	30 mm from drill hole centre	
Weight:	3.4 kg Ceramic	
	3.2 kg Ceramic ECO	
Stationary:	Ø 68 mm (Ceramic ECO)*	

*Only in tiles! Otherwise max. 35 mm in concrete.

④ Integrated 1 litre water tank

Sufficient supply for 4 - 6 drill holes and can be rotated when working in confined spaces

③ Quick Change System drill bit adaptor

Tool-less quick change for R 1/2" drill bits

② Connection for external water supply

Ideal solution for serial drillings

① "Aqua-Stop Button" – water pressure valve with quantity adjustment

Perfectly regulated flow of the water quantity

Drilling of the hardest materials



Clean drilling of tiles



You will find special drill bits for RODIADRILL Ceramic on page 314



4-part set (No. FF40150) includes: Drill motor RODIADRILL Ceramic (No. FF40150P), 1 high speed plus drill bit each Ø 6 - 8 - 10 mm (No. FF44806, FF44808, FF44810) spanners sizes 24 and 27 (No. FF70024, FF70027), transport case (No. FF60150)

Model	kg	No.
RODIADRILL Ceramic Set	3.4	FF40150

Hand-Operated and Stationary Wet Drilling Machine

RODIADRILL Ceramic ECO

Hand-operated and stationary wet drilling machine, drill Ø 6 - 68 mm

- Further developed for **hand-operated and stationary** wet drilling in the smallest drilling range
- Drills in all the hardest materials such as tile, natural stone, concrete glass and ceramic
- Especially recommended for high-quality bathroom installations without damaging surface materials
- Water extraction is possible with the stand guided drill

Please pay attention to special characteristics / advantages on page 298

Stationary drilling is possible!
With drill stand (No. FF30130)

3 Quick Change System
drill bit adaptor

Tool-less quick change
for drill bits R 1/2"



Ø 56 mm clamping adaptor
For stationary drilling

2 Integrated water flow socket with
Aqua-stop and adjustable water tap
Ideal solution for serial drillings

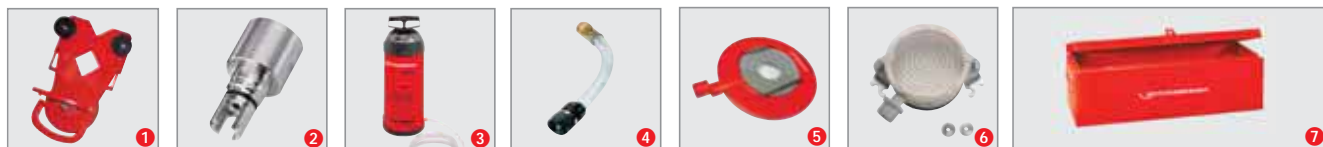
You will find special drill bits for
RODIADRILL Ceramic on page 314

Set (No. FF40140) includes: Drill motor RODIADRILL Ceramic ECO (No. FF40140), spanner sizes 24 and 27 (No. FF70024, FF70027), Quick change adaptor R 1/2" (No. FF35751), transport case (No. FF60150)

Model	kg	No.
RODIADRILL Ceramic ECO	3.2	FF40140
RODIACUT® drill stand 130 DWS	10.0	FF30130

Model	kg	No.
Quick change adaptor R 1/2"	6.2	FF35751
Pressurized water container 10 l	5.5	FF35026

ACCESSORIES



Description	kg	No.	Description	kg	No.
Freehand drill support up to Ø 83 mm	0.45	FF35750	Water supply hose with "aqua-stop"	0.21	FF35302
Quick change adaptor	0.20	FF35751	Water collection ring, hand-operated	0.80	FF35701
Pressurized water container 10 l	5.50	FF35026	Water collection ring, stationary	1.20	FF35700
Special water supply hose	0.20	FF35301	Transport case RODIADRILL Ceramic ECO	4.60	FF60140

Drill Bit High-Speed-Plus Natural Stone 314

Stationary drilling



Quick change adaptor



Drill bits
HSP natural stone



Hand-Operated and Stationary Wet & Dry Drilling Machine

RODIACUT® 130 DWS

Drilling range from Ø 10 - 132 mm

Ideal for use in HVAC&R, plumbing and electrical industries, as well as the entire building industry where jolt and dust-free operation is required. The light weight and tool-less operation allows an easy

one-man operation and makes this unit a "must" on every construction site.



Ø 132

Product Profile

APPLICATION AREA

Stationary wet drilling in (reinforced) concrete	Ø 10 - 132 mm
Stationary dry drilling in masonry	Ø 32 - 132 mm
Hand-operated wet drilling in (reinforced) concrete	Ø 10 - 82 mm
Hand-operated dry drilling in masonry	Ø 32 - 152 mm

KEY FEATURES

- 4 applications in one device offers great flexibility in use
- All adjustments can be done with one tool
- Drill stand with integrated vacuum plate and valve
- Light weight due to patented, torsion resistant and rust-proof profile column
- Safe use with the electronic soft start and electronic friction clutch

KEY FEATURES

- Standard threaded adaptor for all common drill bits R 1/2" and 1.1/4" UNC
- Drill angle is adjustable from 0° - 45° (Pre-adjustment 15° / 30° / 45°)

TECHNICAL DATA (DRILL MOTOR)

Drill motor:	RODIADRILL 1400 DWS	
2-speed transmission:	1. Gear	2. Gear
Nominal speed:	500 rpm	1050 rpm
Drilling range in mm:	Ø 60 - 132	Ø 10 - 62
Voltage:	230 V	
Rated input:	2000 Watt	
Rated output:	1400 Watt	
Max. drilling depth:	450 mm	
Min. distance to wall:	40 mm from drill hole centre	
Min. distance to wall:	40 mm from drill hole centre	
Charging rate:	8.5 A	
Weight:	Drill stand	9.5 kg
	Motor	6.7 kg

Threaded adaptor:
R 1/2" and 1.1/4" UNC

Patented profile column
Anodised aluminium drilling column with integrated rack

Torsion resistant, light and rust-proof as well as high energy transmission

With integrated vacuum plate / valve and 4 adjustable screws to level out unevenness

High-quality drill base

Drill angle is adjustable to 15°, 30° and 45°

Meets practical requirements



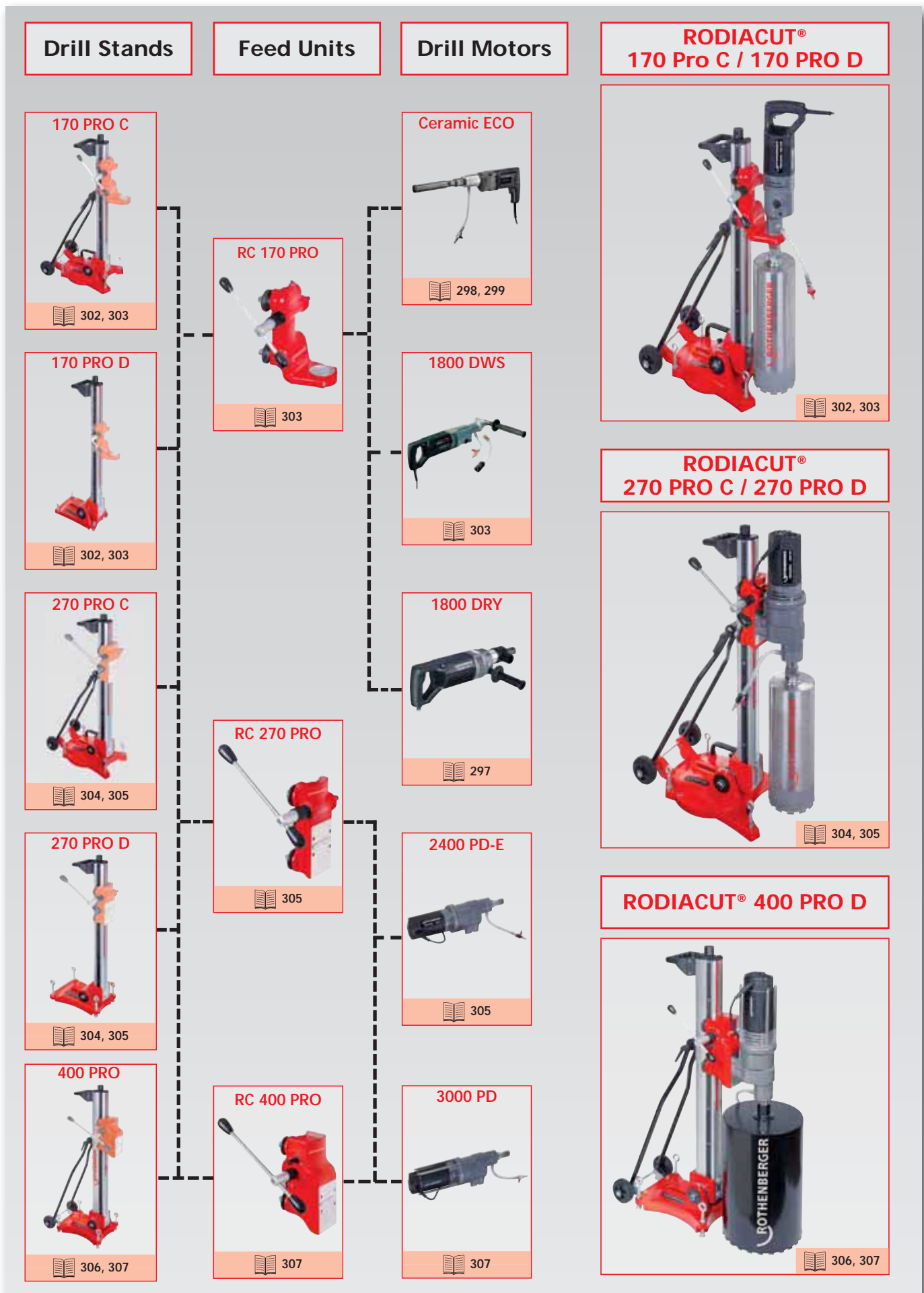
Scope of delivery (No. FF34130): Drill stand RODIACUT® 130 DWS (No. FF30130), drill motor RODIADRILL 1400 DWS (No. FF40160), drill bit Ø 60 mm HSP, (No. FF44060), concrete fixing bolt set (No. FF35120), 1 x spanner 24 mm, 36 mm and 41 mm, (No. FF70024), (No. FF70036) and (No. FF70041), water supply hose (No. FF35302)

Model	kg	No.
RODIACUT® 130 DWS	16.2	FF34130
Drill motor RODIADRILL 1400 DWS	6.7	FF40160
Drill stand RC 130 DWS	9.5	FF30130
Transport case RODIACUT® 130 DWS	8.6	FF60131
Drillbits on 310		

Article in 110 Volt available on request

Diamond Core Drilling System RODIACUT® PRO

RODIA® Modular System



Diamond Core Drilling System RODIACUT® PRO

RODIACUT® 170 PRO C / 170 PRO D

Drilling system with dowel- or vacuum combination plate drill Ø 10 - 202 mm



Product Profile

APPLICATION AREA

4 Applications with just one unit:

Stationary wet drilling in (reinforced) concrete	Ø 10 - 172 mm
Stationary dry drilling in masonry	Ø 32 - 172 mm
Hand-operated wet drilling in (reinforced) concrete	Ø 10 - 82 mm
Hand-operated dry drilling in masonry	Ø 32 - 202 mm

KEY FEATURES

- 1 Universal feed unit, can also be used with RODIACUT® 270 PRO and 400 PRO
- 2 Drill angle adjustment from -15° up to +45°, in 2.5° adjustable steps, with RODIACUT® 170 PRO also 90° angles possible
- 3 Quick display of the drill hole centre (only with combination plate)
- Reducing ring available for 56 mm and 53 mm

TECHNICAL DATA (DRILL STANDS)

Drilling range:	no water collection ring: max. Ø 172 mm with water collection ring: max. Ø 132 mm	
Weight:	13.1 kg / 12.8 kg (anchor plate)	
Drill motor adaptor:	Ø 60 mm	
	170 PRO C	170 PRO D
Length:	470 mm	315 mm
Width:	300 mm	180 mm
Height:	860 mm	860 mm
Hub:	525 mm	525 mm

TECHNICAL DATA (DRILL MOTOR)

Drill motor:	RODIADRILL 1800 DWS
Drilling range:	in concrete max. Ø 172 mm in masonry max. Ø 202 mm
Min. distance to wall:	40 mm from drill hole centre
Min. distance to corner:	40 mm from drill hole centre.
Threaded adaptor:	R 1/2" + 1.1/4" UNC
Rated input/output:	2500 Watt / 1800 Watt
2 speed transmission:	(760 - 1570 rpm)
Torque:	58 - 27 Nm
Charging rate:	8.5 A
Weight:	7.0 kg
Clamping neck:	Ø 56 mm



Sliding carriage on all RODIACUT® PRO drill stands and columns

Stable and low-vibration operation, flexible use / modular design



Braced head

Integrated fastening possibility for serial drillings (rectangular wood block or steel pipe)

Rubber transport wheels

Quick and easy transport on the building site (standard with combination plate)

With integrated vacuum plate / valve and 4 adjustable screws to level out unevenness

High-quality drill base



2 Drill angle adjustment

Adjustable from 15° up to +45° in 2.5° steps (with 170 PRO C 90°)

3 Drill hole centre indicator

Quick adjustment for an exact drilling position

Diamond Core Drilling System RODIACUT® PRO

CHARACTERISTICS 170 PRO C AND 170 PRO D

Available with both drill stands:

- 4 x roll guides
- Stainless steel handle, can be changed without tools
- Exchangeable rack and guide rail
- Stable threaded connection between column and base plate
- Transport handle
- Lockable feed unit
- Drill depth measuring scale
- Braced head
- Ø 60 mm clamping neck adaptor

STANDARD EQUIPMENT FOR 170 PRO C

- Second transport handle
- Transport wheels
- Vacuum plate
- Drill hole centre indicator
- Vacuum valve

Stainless steel handle

Tool-less quick change for the operating side, sturdy design

1 Feed unit and 4 x roll guides

Universally applicable on RODIACUT® 270 PRO and 400 PRO



Fig. 170 PRO C

Fig. 170 PRO D



Clean work in enclosed rooms

Scope of delivery (No. FF34171 / FF34170): Drill stand RODIACUT® 170 PRO C or 170 PRO D, drill motor RODIADRILL 1800 DWS, reducing ring 56 mm (No. F85152), spanner size 1 - size 2 - size 3 - size 4, Allen key, water supply hose (No. FF35302), concrete set, complete (No. FF35120), copper ring 1.1/4" (No. FF35190), instruction manuals: RODIADRILL 1800 DWS (No. 9.0704), RODIACUT® 170 - 400 (No. 9.0726), tool bag (No. FF70001)

Model	kg	No.
RODIACUT® 170 PRO C complete	13.1	FF34171
RODIACUT® 170 PRO D complete	12.8	FF34170
RODIADRILL 1800 DWS	7.0	FF40180
Drill column RODIACUT® 170 PRO C	6.1	FF30171
Drill column RODIACUT® 170 PRO D	5.8	FF30170
Drill column 860 mm, Hub 525 mm	7.6	FF50978
Drill column 1335 mm, Hub 1000 mm	12.4	FF50981
Drill column 1835 mm, Hub 1500 mm	16.5	FF50982
Feed unit for RC 170 PRO	3.1	FF50977
Anchor foot for RC 170 PRO	3.3	FF50979

ACCESSORIES



Description



No.

Description



No.

RODIADRILL CERAMIC ECO

1

298, 299

FF40150

RODIADRILL 1800 DRY

2

297

FF40185

Pressurized water container 10 l

3

318

FF35026

Vacuum pump RODIA-VAC

4

316

FF35200

RODIA DRY CLEANER 1200

5

317

FF35148

Water collection ring, hand-operated

6

319

FF35701

Water collection ring, stationary

7

318

FF35700

Drill bits

8

310-315

ROTHENBERGER



Diamond Core Drilling System RODIACUT® PRO

RODIACUT® 270 PRO C / 270 PRO D

Drill stand with dowel- or vacuum combination plate
drill Ø 32 - 272 mm



ø 272

Product Profile

APPLICATION AREA

2 applications in one unit:

Stationary wet drilling in (reinforced) concrete Ø 32 - 272 mm
Stationary dry drilling in masonry Ø 32 - 272 mm

KEY FEATURES

- 1 Universal feed unit, can also be used with RODIACUT® 270 PRO und 400 PRO
- 2 Drill angle adjustment from -15° up to +45°, in 2.5° adjustable steps, with RODIACUT® 170 PRO also 90° angles possible
- 3 Drill hole centre indicator (270 PRO C) for quick alignment

TECHNICAL DATA (DRILL STANDS)

Drilling range:	no water collection ring: max. Ø 272 mm with water collection ring: max. Ø 222 mm	
Weight:	16.8 kg / 16.5 kg (anchor plate)	
Drill motor adaptor:	Direct adaptor for feed unit	
	270 PRO C	270 PRO D
Length:	520 mm	330 mm
Width:	330 mm	220 mm
Height:	980 mm	980 mm
Hub:	595 mm	595 mm

TECHNICAL DATA (DRILL MOTOR)

Drill motor:	RODIADRILL 2400 PD-E
Drilling range:	in concrete max. Ø 272 mm in masonry max. Ø 272 mm
Min. distance to wall:	50 mm from drill hole centre
Min. distance to corner:	50 mm from drill hole centre
Threaded adaptor:	R 1/2" + 1.1/4" UNC
Rated input/output:	3000 Watt / 2400 Watt
3 speed transmission:	(300 - 600 - 1120 rpm)
Torque:	95 - 47 - 23 Nm
Charging rate:	14.9 A
Weight:	9.0 kg



4 x roll guides

Zero-play operation



Sliding carriage can be used on all
RODIACUT® PRO drill stands and columns

Tool-less quick mounting/dismounting of
drill motor on drill stand

Rubber transport wheels

Quick and easy transport on the building
site (standard with combination plate,
optional with anchor plate)

With integrated vacuum plate / valve
and 4 adjustable screws to level out
unevenness

High-quality drill base



2 Drill angle adjustment

Adjustable from 15° up
to +45° in 2.5° steps (with
270 PRO C up to 90°)

3 Drill hole centre indicator

Fast alignment of the drill
hole centre

Diamond Core Drilling System RODIACUT® PRO

CHARACTERISTICS 270 PRO C AND 270 PRO D

Available with both drill stands:

- 4 x roll guides
- Stainless steel handle, can be changed without tools
- Exchangeable rack and guide rail
- Stable threaded connection between column and base plate
- Transport handle
- Lockable feed unit
- Drill depth measuring scale
- Braced head

STANDARD EQUIPMENT FOR 270 PRO C

- Second handle
- Vacuum plate
- Vacuum valve
- Transport wheels
- Drill hole centre indicator

Stainless steel handle

Tool-less quick change for the operating side, sturdy design



Fig. 270 PRO D

Fig. 270 PRO C

Universally applicable on RODIACUT® 170 PRO and 400 PRO



Scope of delivery (No. FF34271 / FF34270): drill stand RODIACUT® 270 PRO C or 270 PRO D, drill motor RODIADRILL 2400 PD-E, reducing ring 56 mm (No. F85152), spanner size 1 - size 2 - size 3 - size 4, water supply hose (No. FF35302), concrete set, complete (No. FF35120), copper ring 1.1/4" (No. FF35190), instruction manuals: RODIADRILL 2400 PD-E (No. 9.0705), Bal RODIACUT® 170 - 400 (No. 9.0726), tool bag (No. FF70001)

Model	kg	No.
RODIACUT 270 PRO C complete	30.8	FF34271
RODIACUT 270 PRO D complete	30.5	FF34270
RODIADRILL 2400 PD-E	10.1	FF40210
Drill stand RODIACUT® 270 PRO C	20.7	FF30271
Drill stand RODIACUT® 270 PRO D	20.4	FF30270
Drill column 980 mm, Hub 595 mm	8.4	FF50985
Drill column 1385 mm, Hub 1000 mm	12.5	FF50988
Drill column 1885 mm, Hub 1500 mm	16.5	FF50989
Anchor base for RC 270 PRO	3.1	FF50984
Anchor base for RC 270 PRO	5.2	FF50986
Combination base for RC 270 PRO	7.7	FF50987
Angled support for RC 270 PRO anchor base	2.8	FF50990

ACCESSORIES



Description	No.	Description	No.
RODIADRILL 3000 PD	307 FF40300	RODIA DRY CLEANER 1200	317 FF35148
Pressurized water container 10 l	318 FF35026	Water collection ring (only in combination)	319 FF35730
Vacuum pump RODIA-VAC	316 FF35200	Extension	319
Vacuum sets	316 FF35740	Drill bits	310-315



Diamond Core Drilling System RODIACUT® PRO

RODIACUT® 400 PRO D

Drilling system with dowel plate,
drill Ø 32 - 402 (502) mm



Product Profile

APPLICATION AREA

2 applications in one unit:

Stationary wet drilling in (reinforced) concrete Ø 32 - 502 mm
Stationary dry drilling in masonry Ø 32 - 502 mm

KEY FEATURES

- 1 Drill angle adjustments from -15° up to +45°, in 2.5° steps adjustable
- 2 Exchangeable guide rail

TECHNICAL DATA (DRILL STANDS)

Drilling range:	no water collection ring: max. Ø 500 mm
Weight:	28.4 kg
Length:	460 mm
Width:	260 mm
Height:	1100 mm
Hub:	680 mm

TECHNICAL DATA (DRILL MOTOR)

Drill motor:	RODIADRILL 3000 PD
Drilling range:	in concrete max. Ø 500 mm in masonry max. Ø 500 mm
Min. distance to wall:	50 mm from drill hole centre
Min. distance to corner:	50 mm from drill hole centre
Threaded adaptor:	R 1/2" + 1.1/4" UNC
Rated input/output:	4000 Watt / 3000 Watt
3 speed transmission:	(215 - 430 - 785 rpm)
Torque:	185 - 107 - 55 Nm
Charging rate:	20.0 A
Weight:	12.1 kg



4 x roll guides
Zero-play operation

Sliding carriage can be used on all
RODIACUT® PRO drill stands and
columns

Tool-less quick mounting/demounting
of drill motor on drill stand



Distance plates (FF35138)

To enlarge the drill hole diameter from
Ø 402 to 502 mm with RODIACUT® 400 PRO

Rubber transport wheels

Quick and easy transport on the building
site (optional with anchor plate)



1 Drill angle adjustments

Adjustable from 15° up
to +45° in 2.5° steps

Braced head

Integrated mounting possibilities
for serial drillings (rectangular
wood block or steel pipe)



Diamond Core Drilling System RODIACUT® PRO

Characteristics 400 PRO D

Available with both drill stands:

- 4 x roll guides
- Stainless steel handle, can be changed without tools
- Exchangeable rack and guide rail
- Stable threaded connection between column and base plate
- Transport handle
- Lockable feed unit
- Drill depth measuring scale
- Braced head

Combination possibilities of the feed unit RODIACUT® 170 / 270 / 400 PRO

Feed unit can be used on all
RODIACUT® PRO drill stands and columns

Tool-less quick mounting/demounting
of drill motor on drill stand



Gear reduction 1:3

Reduces the contact
pressure of the drill bit

Stainless steel handle

Tool-less quick change for the
operating side, sturdy design



2 Exchangeable guide rail /
exchangeable rack /
motor mounting

Cost-saving spare parts



Fig. 400 PRO D

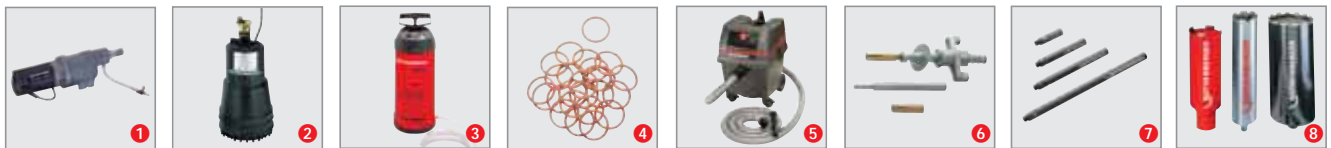
Scope of delivery (No. FF34300): Drill stand RODIACUT® 400 PRO D, drill motor RODIADRILL 3000 PD, spanner size 24 - size 36 - size 41, water supply hose (No. FF35302), hexagonal pin key (No. 32.1300), concrete set, complete (No. FF35120),

Model	kg	No.
RODIACUT® 400 PRO D	40.5	FF34300
Drill stand RODIACUT® 400 PRO D	28.4	FF30030
Drill column 1420 mm, Hub 1000 mm	16.1	FF50995
Drill column 1100 mm, Hub 680 mm	11.7	FF50996
Drill column 1920 mm, Hub 1500 mm	21.4	FF50997

Copper ring 1.1/4" (No. FF35190), Instruction manual RODIADRILL 3000 PD (No. 9.0725), tool bag (No. FF70001)

Description	kg	No.
Feed unit for RC 400 PRO	5.1	FF50993
Angled support for RC 400 PRO anchor base	3.2	FF50998
RODIADRILL 3000 PD	12.1	FF40300

ACCESSORIES



Description	No.	Description	No.
RODIADRILL 2400 PD-E	305 FF40210	RODIA DRY CLEANER 1200	317 FF35148
Submersible water pump RODIAPUMP	318 FF35029	Mounting articles and accessories	318
Pressurized water container 10 l	318 FF35026	Extension	319
Copper ring 1.1/4"	318 FF35190	Drill bits	310-315

Wall Slot Cutter

Wall Slot Cutter WALL CUT 6540

Wall slot cutter for precise slots for the laying of pipes, cable ducts and electronic lines slot width: 5 - 40 mm, cutting depth: 20 - 65 mm

Ideal for use in the HVAC&R, plumbing and electrical industries, in enclosed rooms or in inhabited buildings where jolt and dust-free operation is required, (in accordance with § 45 Abs. 1 and 2 ASchG).



Cuts wall slots for pipe and electronic lines.

Product Profile
APPLICATION AREA
For use with concrete, masonry, lime sand brick, brickwork
KEY FEATURES
<ul style="list-style-type: none">1 Effort-saving operation with the downward pulling cut2 Precise guidance and easy feed movements without much effort3 Faster cut-off wheel change with locking spindle4 Holding and transport handle can be adjusted to various positions5 Dust extraction guarantees visibility for direct, accurate cutting and safe operation6 Optimum adjustment for all working positions7 Turning-on unintentionally is prevented by latch

TECHNICAL DATA	
Voltage:	230 V
Rated input:	2500 W
Charging rate:	11 A
Idle speed:	6600 rpm
Saw blade holder:	Ø 230 mm
Max. Cutting depth:	65 mm
Max. Slot width:	40 mm
Weight:	9.0 kg
Slot width:	5 - 40 mm
Cutting depth:	20 - 65 mm



Scope of delivery (No. FF40040): Wall slot cutter WALL CUT 6540 with 2 saw blades Ø 230 mm (No. FF11230), chisel (No. 7.7151), pin type face wrench (No. FF70088), transport case (No. FF60101)

Model	kg	No.
WALL CUT 6540 - set	9.0	FF40040

Effort-saving operation with the downward pulling cut



ACCESSORIES			
Description		kg	No.
Cut-off discs	309		
Clamping set, complete		0.6	FF53505
RODIA DRY Cleaner 1200	317	10.8	FF35148
Transport case WALL CUT 6540		10.0	FF60101

Diamond Cut-Off Discs

Professional cut-off discs series - Ø 115 - 350 mm

A perfect choice for all areas of application, such as gardening and landscaping, roofing, electronics, etc. Ideally graded based on the

price/performance ratio. Through innovative technology in the area of segments, the dry/wet operating method has been brilliantly designed.



Product Profile

KEY FEATURES

- 1 Longer service life with the "High Press Technology"
- 2 Less wear with the cool down effect

KEY FEATURES

- 3 Extremely easy cuts with the 10 mm turbo segments
- 4 Optimum cut guidance with the reinforced steel core

- 1 No "Neutral Zone", resulting in segment diamonds having a longer service life

Segments are attached per "High Press Technology"

- 2 Causes very low temperature absorption and therefore reduces the wear of the segment diamonds

Cool down effect with cooling slot

- 4 No vibration and better cut guidance

Reinforced steel core



- 3 Extremely easy cuts with very long service life

10 mm turbo segments

The 4 Professionals

RED Professional

for concrete, reinforced concrete, brickwork, exposed aggregate concrete, roofing tile, granite, artificial stone, semi-hard clinker, ceramic, SML pipes, common construction site material



Special 10 mm Sinter segments

BLACK Professional

for concrete, reinforced concrete, brickwork, exposed aggregate concrete, roofing tile, semi-hard clinker, common construction site material



10 mm Laser segments

BLUE Professional

for concrete, reinforced concrete, brickwork, exposed aggregate concrete, soft + semi-hard clinker, common construction site material



7 mm Laser segments

GREEN Professional

for concrete, brickwork, ceramic, natural and artificial stone



7 mm Sinter segments

Ø mm	No.
RED 115	FF11115
RED 125	FF11125
RED 150	FF11150
RED 180	FF11180
RED 230	FF11230
RED 300	FF11300
RED 350	FF11350

Reinforced concrete

Marble



Ø mm	No.
BLACK 115	FF12115
BLACK 125	FF12125
BLACK 150	FF12150
BLACK 180	FF12180
BLACK 230	FF12230
BLACK 300	FF12300
BLACK 350	FF12350

Granite

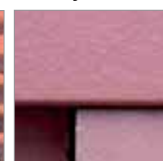
Green granite



Ø mm	No.
BLUE 115	FF13115
BLUE 125	FF13125
BLUE 150	FF13150
BLUE 180	FF13180
BLUE 230	FF13230
BLUE 300	FF13300
BLUE 350	FF13350

Hollow brick

Masonry



Ø mm	No.
GREEN 115	FF16115
GREEN 125	FF16125
GREEN 150	FF16150
GREEN 180	FF16180
GREEN 230	FF16230

Aerated concrete

Asphalt



Cutting Diamond Core Drill Bits

Space Welding

Cold welding process according to cutting-edge bonding technology: Due to the "neutral zone" the entire diamond segment is used without waste.

Product Profile

SPACE WELDING

Wet and dry drilling with new technology:

- The innovative high-performance drill bit **DURAMANT PRO** and **SPEED STAR DX** is produced using cutting-edge welding technology
- Because of the neutral zone, the "Space Welding" cold welding process guarantees the optimum use of the complete diamond segments without loss
- The service life is up to 20% higher compared to lasered and soldered drill bits.

approx. 20% longer service life

PRISMACUT

Four drill nodules on the diamond segment improve the drill behaviour and at the same time provides optimum water cooling

PRISMACUT

- The exceptional segment positioning offers optimum free punch size and an excellent cutting speed
- The "PRISMACUT" centre drill nodule is characterised by a better drill behaviour and preservation of the diamond segment
- PRISMACUT guarantees direct water cooling of the diamond segments
- 15% higher cutting speed with steel reinforcement

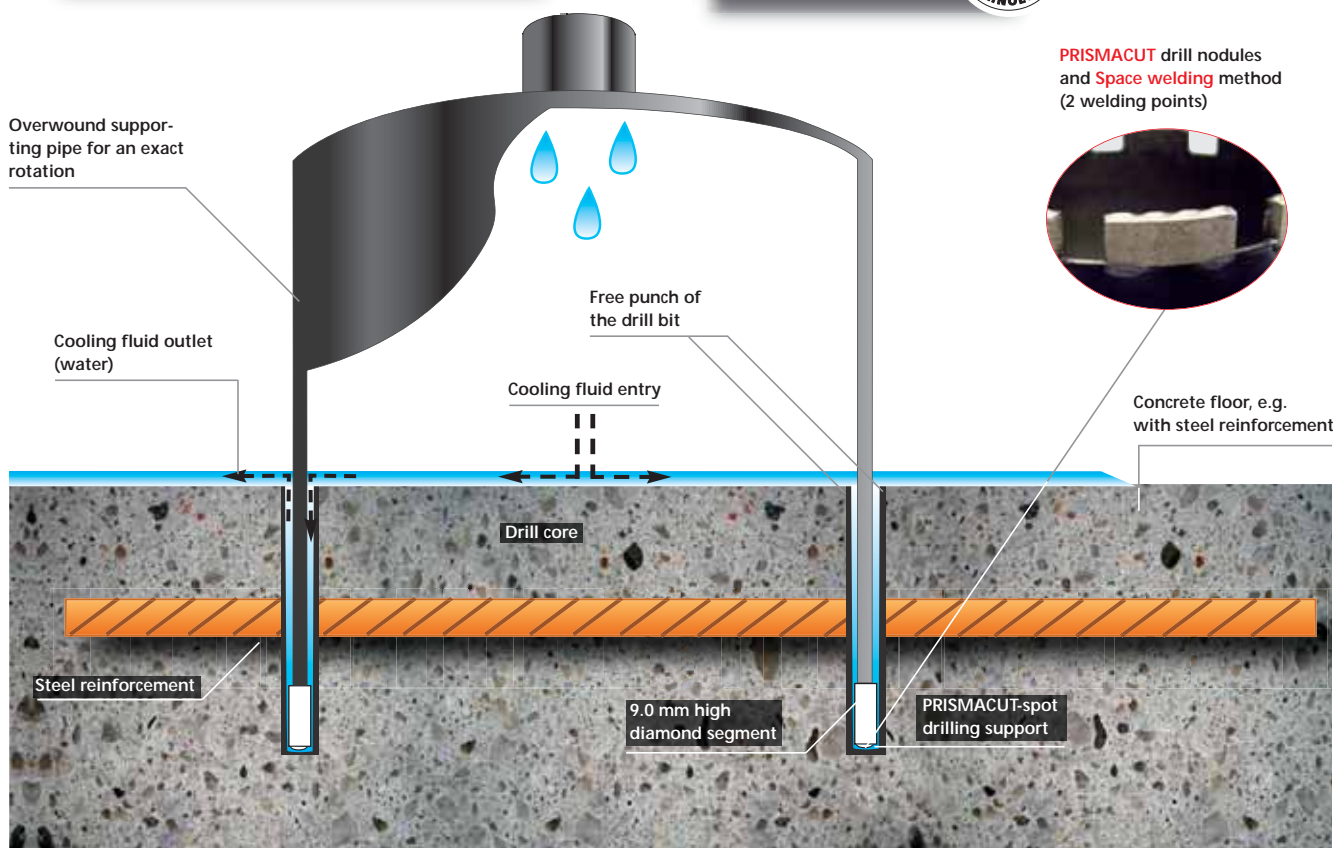
Space welding and PRISMACUT









PRISMACUT drill nodules and Space welding method (2 welding points)



Concrete floor, e.g. with steel reinforcement



Segment shape / Connection types

Connection	Cold welding method "SPACE WELDING"	Laser-welded	Solder-welded
Segment shape	PRISMACUT-Segment	Roof-type segment	Flat segment
	 	 	 
Drill bit type	DURAMANT PRO / Speed Star DX	EUROLASER / DX High Speed Plus	High Speed Plus – Natural stone

Cutting Diamond Core Drill Bits

Duramant PRO Universal Drill Bits

Space Welding wet and dry drill bits, Ø 22 - 502 mm

Space welding and
PRISMACUT



Product Profile

APPLICATION AREA

Wet drill bits for drilling in reinforced-concrete asphalt, as well as natural and artificial stone from Ø 32 - 302 mm
Dry drill bits for drilling in masonry, lime sand brick, porcelain and other light building materials from Ø 52 - 302 mm

KEY FEATURES

- 1 Enables wet and dry use
- 2 Extremely easy cutting, safe cut in hand-operated use
- 3 Faster drilling progress and longer service life
- 4 Suitable for all other ROTHENBERGER drilling machines
- 5 Balanced rotation reduces wear
- Standard lengths 400 mm with R 1/2" and 500 mm with 1.1/4" UNC
- Conventional R 1/2" and 1.1/4" UNC threaded adaptors

TECHNICAL DATA

Drill bit	Segment No.	Segment dimensions (L x W x H)
Ø 22 - 38 mm	2	16 x 3.0 x 7.0 mm
Ø 40 - 48 mm	2	24 x 3.0 x 9.0 mm
Ø 50 - 55 mm	5 - 6	24 x 3.5 x 9.0 mm
Ø 56 - 72 mm	6 - 7	24 x 3.5 x 9.0 mm
Ø 75 - 102 mm	7 - 8	24 x 3.5 x 9.0 mm
Ø 107 - 142 mm	9 - 11	24 x 4.0 x 9.0 mm
Ø 142 - 182 mm	11 - 14	24 x 4.0 x 9.0 mm
Ø 182 - 250 mm	14 - 16	24 x 4.0 x 9.0 mm
Ø 300 - 500 mm	16 - 26	20 x 5.0 x 9.0 mm

Suitable for



1800 DWS*



1800 DRY



2400 PD-E*



3000 PD*

* We recommend the optional extraction rotor when using as a dry drill bit

4 Threaded adaptor R 1/2" and 1.1/4" UNC

Suitable for all other
ROTHENBERGER drilling
machines

1 DURAMANT PRO segments

Allows wet and dry use

2 Durable (DURAMANT) PRISMACUT

Extremely easy cutting, safe cut in
hand-operated use

approx. 20% longer
service life!

5 Overwound drill bits

Balanced rotation reduces wear

3 Special segment composition

Faster drilling progress and
extremely long service life

Masonry



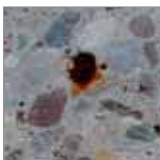
Pavement



Lime sand brick



Reinforced concrete



Marble



Hollow brickwork



Connection R 1/2"

Ø mm	kg	No.
22	0.8	FF42620
32	0.9	FF42630
42	1.1	FF42640
52	1.3	FF42650
62	1.5	FF42660
72	1.9	FF42670

Connection R 1/2"

Ø mm	kg	No.
82	2.1	FF42680
92	2.5	FF42690
102	2.7	FF42700
112	3.1	FF42710
122	3.3	FF42720
132	3.8	FF42730

Connection 1.1/4"

Ø mm	kg	No.
32	1.1	FF42030
36	1.2	FF42035
42	1.3	FF42040
46	1.4	FF42045
52	1.6	FF42050
56	1.7	FF42055
62	1.8	FF42060
66	2.0	FF42065
72	2.2	FF42070
76	2.4	FF42075
82	2.6	FF42080
87	2.8	FF42085
92	3.0	FF42090
102	3.2	FF42100
108	3.5	FF42105
112	3.7	FF42110
122	3.9	FF42120

Connection 1.1/4"

Ø mm	kg	No.
125	4.3	FF42125
132	4.7	FF42130
142	5.2	FF42140
152	5.9	FF42150
162	6.4	FF42160
172	6.9	FF42170
182	7.5	FF42180
200	8.2	FF42200
220	8.8	FF42220
250	9.3	FF42250
280	9.7	FF42280
300	10.5	FF42300
350	11.3	FF42350
400	12.1	FF42400
450	12.9	FF42450
500	13.5	FF42500

Suitable for other drill systems with R 1/2" and 1.1/4"

ROTHENBERGER

Cutting Diamond Core Drill Bits

SPEED STAR DX

Space welding wet and dry drill bits Ø 10 - 500 mm

Space welding and
PRISMACUT



Product Profile

APPLICATION AREA

Wet and dry drill bits asphalt, masonry, as well as natural and artificial stone of Ø 10 - 502 mm

Typical areas of application are HVAC&R, plumbing, old building renovations, building industry, air-conditioning technology, gardening and landscaping

KEY FEATURES

- 1 Extremely easy cuts, safe cut in hand-operated use
- 2 Balanced rotation reduces wear
- 3 Suitable for all other ROTHENBERGER drilling machines
- Standard lengths 400 / 500 mm, special lengths available on request
- Conventional R 1/2" and 1.1/4" UNC threaded adaptors

TECHNICAL DATA

Drill bits	Segment No.	Segment dimensions (L x W x H)
Ø 22 - 38 mm	2	16 x 3.0 x 7.0 mm
Ø 40 - 48 mm	2	24 x 3.0 x 9.0 mm
Ø 50 - 55 mm	5 - 6	24 x 3.5 x 9.0 mm
Ø 56 - 72 mm	6 - 7	24 x 3.5 x 9.0 mm
Ø 75 - 102 mm	7 - 8	24 x 3.5 x 9.0 mm
Ø 107 - 142 mm	9 - 11	24 x 4.0 x 9.0 mm
Ø 142 - 182 mm	11 - 14	24 x 4.0 x 9.0 mm
Ø 182 - 250 mm	14 - 16	24 x 4.0 x 9.0 mm
Ø 300 - 500 mm	16 - 26	20 x 5.0 x 9.0 mm

Connection R 1/2" : Effective length 400

Connection 1.1/4" : Effective length 500

1 Durable (DURAMANT) PRISMACUT

Extremely easy cutting, safe cut in hand-operated use

Extremely high diamond concentration

Faster drilling progress

Suitable for



1800 DWS*



1800 DRY



2400 PD-E*



3000 PD*

Special drill bits for pavement, asphalt, as well as special lengths up to 1000 mm available upon request

* We recommend the optional extraction rotor when using as a dry drill bit

2 Overwound drill bits

Balanced rotation reduces wear

3 Threaded adaptor R 1/2" and 1.1/4" UNC

Suitable for all other ROTHENBERGER drilling machines

Reinforced concrete Marble Asphalt



9

Ø mm	kg	Connection R1/2" No.	Ø mm	kg	Connection R1/2" No.	Ø mm	kg	Connection 1.1/4" No.	Ø mm	kg	Connection 1.1/4" No.
10	0.25	FF00610	50	1.30	FF00650	20	0.8	FF00020	117	3.9	FF00115
12	0.30	FF00612	56	1.40	FF00655	25	0.9	FF00025	122	4.3	FF00120
14	0.40	FF00614	61	1.50	FF00660	30	1.1	FF00030	127	4.7	FF00125
15	0.50	FF00615	66	1.60	FF00665	35	1.2	FF00035	132	5.2	FF00130
16	0.55	FF00616	71	1.90	FF00670	40	1.3	FF00040	142	5.6	FF00140
18	0.60	FF00618	76	1.90	FF00675	45	1.4	FF00045	152	5.9	FF00150
20	0.80	FF00620	81	2.10	FF00680	52	1.6	FF00050	162	6.9	FF00160
22	0.80	FF00622	86	2.20	FF00685	56	1.7	FF00055	172	7.5	FF00170
24	0.85	FF00624	91	2.50	FF00690	62	1.8	FF00060	182	8.2	FF00180
25	0.85	FF00625	96	2.60	FF00695	66	2.0	FF00065	200	8.8	FF00200
26	0.85	FF00626	101	2.70	FF00700	72	2.2	FF00070	220	9.3	FF00220
28	0.85	FF00628	106	2.90	FF00705	76	2.4	FF00075	250	9.7	FF00250
30	0.90	FF00630	111	3.10	FF00710	82	2.6	FF00080	280	10.1	FF00280
32	0.95	FF00632	116	3.20	FF00715	87	2.8	FF00085	300	10.5	FF00300
35	1.00	FF00635	121	3.30	FF00720	92	3.0	FF00090	350	11.3	FF00350
38	1.10	FF00638	126	3.50	FF00725	97	3.1	FF00095	400	12.1	FF00400
40	1.10	FF00640	131	3.80	FF00730	102	3.2	FF00100	450	12.9	FF00450
45	1.20	FF00645				107	3.5	FF00105	500	13.5	FF00500
						112	3.7	FF00110			

Suitable for other drill systems with R 1/2" and 1.1/4"

Cutting Diamond Core Drill Bits

DX-High Speed Plus Universal Drill Bits

Laser-welded universal wet and dry drill bits,
Ø 22 - 302 mm



Product Profile

APPLICATION AREA

Wet and dry drill bits for drilling in reinforced concrete, asphalt, masonry, as well as lime sand brick for Ø 22 - 302 mm
Typical areas of application are HVAC&R and electronic installations, old building renovations, building industry, air-conditioning technology, garden and landscaping

KEY FEATURES

- 1 Extremely easy cutting, safe cut in hand-operated use
- 2 Faster cutting progress and extremely long service life
- 3 Suitable for all other ROTHENBERGER drilling machines
- 4 Balanced rotation reduces wear

TECHNICAL DATA

R 1/2" connection

Drill bit	Segment No.	Segment dimensions (L x W x H)
Ø 22 mm	2	19.3 x 2.5 x 9 mm
Ø 32 mm	2	30.0 x 2.5 x 9 mm
Ø 42 - 62 mm	4 - 6	24.0 x 2.5 x 9 mm
Ø 72 - 92 mm	6 - 8	24.0 x 2.8 x 9 mm
Ø 102 - 132 mm	9 - 10	24.0 x 3.3 x 9 mm

1.1/4" UNC connection

Ø 32 - 62 mm	2 - 6	24.0 x 2.5 x 9 mm
Ø 72 - 92 mm	6 - 8	24.0 x 2.8 x 9 mm
Ø 102 - 152 mm	9 - 11	24.0 x 3.3 x 9 mm
Ø 162 - 182 mm	12 - 13	24.0 x 3.8 x 9 mm
Ø 202 - 302 mm	14 - 18	24.0 x 4.0 x 9 mm

Suitable for



1800 DWS*



1800 DRY



2400 PD-E*



3000 PD*

* We recommend the optional extraction rotor when using as a dry drill bit

3 Threaded adaptor R 1/2" and 1.1/4" UNC

Suitable for all other ROTHENBERGER drilling machines



Laser-welded segments
Allows wet and dry use

Highest service life and universal application!

1 Roof-type segments

Extremely easy cuts, safe cuts in hand-operated use



4 Overwound drill bits

Balanced rotation reduces wear



2 Special segment composition

Faster drilling progress and extremely long service life

Masonry



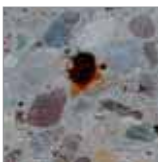
Pavement



Lime sand brick



Reinforced concrete



Marble



Hollow brickwork



Connection R 1/2"

Ø mm	kg	No.
22	0.20	FF44620
32	0.22	FF44630
42	0.24	FF44640
52	0.25	FF44650
62	0.26	FF44660
72	0.28	FF44670

Connection R 1/2"

Ø mm	kg	No.
82	0.30	FF44680
92	0.32	FF44690
102	0.35	FF44700
112	0.36	FF44710
122	0.37	FF44720
132	0.38	FF44730

Connection 1.1/4"

Ø mm	kg	No.
32	0.22	FF44030
42	0.24	FF44040
52	0.25	FF44050
62	0.26	FF44060
72	0.28	FF44070
82	0.30	FF44080
92	0.32	FF44090
102	0.35	FF44100
112	0.36	FF44110
122	0.37	FF44120

Connection 1.1/4"

Ø mm	kg	No.
132	0.38	FF44130
142	0.26	FF44140
152	0.28	FF44150
162	0.30	FF44160
172	0.32	FF44170
182	0.35	FF44180
202	0.36	FF44200
222	0.37	FF44220
252	0.38	FF44250
302	0.38	FF44300

Suitable for all other drilling systems with R 1/2" and 1.1/4"

ROTHENBERGER

Cutting Diamond Core Drill Bits

High Speed Plus Natural Stone

Soldered diamond core wet cutting drill bit
Ø 6 - 68 mm for extremely hard materials

Suitable for all other
drilling systems with
R 1/2" and 1.1/4"



Product Profile

APPLICATION AREA

Special wet drill bits for drilling in natural stone, granite, marble, (double) baked brick, masonry, (reinforced) concrete, glass or hollow brickwork from Ø 6 - 68 mm

Typical areas of application are HVAC&R, plumbing and electronic installations, old building renovations, laying tile, stairs and railing installation, air-conditioning technology, garden and landscaping

KEY FEATURES

- 1 Extremely easy cuts, very long service life through 9 mm high segments
- 2 Suitable for all ROTHENBERGER drilling machines
- 3 Balanced rotation reduces wear

KEY FEATURES

- Drilling even through material combinations possible
- Drill holes on the seam or edge of material possible with the use of diamond rings
- Conventional R 1/2" threaded attachments

TECHNICAL DATA

R 1/2" connection

Drill bits	Segment No	Segment dimensions (L x W x H)
Ø 6 - 40 mm	Ring segments	Ring x (1.15 - 2.0) x 9 mm
Ø 45 - 68 mm*	4 - 6	24 x 2.5 x 8 mm



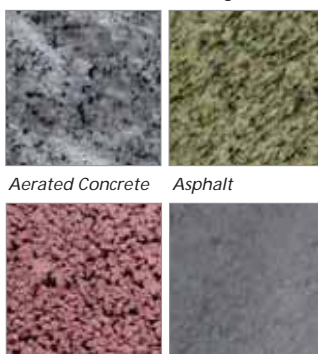
Drilling of the hardest materials



Reinforced concrete Marble



Granite



Green granite



Suitable for



Ø mm	kg	No.
6	0.19	FF44806
8	0.17	FF44808
10	0.17	FF44810
12	0.19	FF44812
14	0.20	FF44814
15	0.20	FF44815
16	0.20	FF44816

Ø mm	kg	No.
18	0.21	FF44818
20	0.22	FF44820
22	0.22	FF44822
24	0.22	FF44824
25	0.23	FF44825
26	0.23	FF44826
28	0.25	FF44828

Ø mm	kg	No.
30	0.25	FF44830
32	0.25	FF44832
35	0.30	FF44835
36	0.32	FF44836
38	0.34	FF44838
40	0.34	FF44840
42	0.35	FF44842

Ø mm	kg	No.
45*	0.42	FF44845
50*	0.60	FF44850
55*	0.65	FF44855
60*	0.72	FF44860
65*	0.76	FF44865
68*	0.79	FF44868

* with single segment mounting

Cutting Diamond Core Drill Bits

EUROLASER

Laser-welded dry cutting drill bit Ø 32 - 202 mm



Product Profile

APPLICATION AREA

Special dry cutting drill bit for drilling in lime sand brick, hollow brickwork, bricks, aerated concrete, masonry from Ø 32 - 202 mm

Typical areas of application are HVAC&R, plumbing and electronic installations, old building renovations, oven and fire-place construction, air-conditioning technology, gardening and landscaping

KEY FEATURES

- 1 Extremely easy cutting, safe cut in hand-operated use
- 2 Extremely large extraction hole reduces jamming of drill bit
- 3 High drilling speed with less wear

KEY FEATURES

- Easy removing of the drill dust using the extraction rotor
- Conventional 1.1/4" UNC thread adaptors
- Use near walls possible, nominal length 150 mm / 300 mm

TECHNICAL DATA

1.1/4" UNC connection

Drill bit	Segment No.	Segment dimensions (L x W x H)
Ø 32 - 102 mm	3 - 6	20 x 4.0 x 8 mm
Ø 112 - 202 mm	6 - 8	20 x 4.0 x 8 mm

Nominal length from 80 mm

Strong weight reduction, very close work to walls

1 Roof-type segments

Extremely easy cuts, safe cuts in hand-operation

2 Thread connections with 1.1/4" UNC

Extremely large extraction hole reduces jamming of drill bit, Quick and clean transport of the drill dust using the extraction rotor

3 8 mm high diamond segments

High drilling speed, low wear

Suitable for



1800 DWS*



2400 PD-E*



1800 DRY



3000 PD*



NL 80 mm (M16)



150 mm



300 mm



*optional with extraction rotor

Hollow brickwork




Masonry

Pavement

Lime sand brick



9

Ø mm	M16 80 mm	1.1/4"		1.1/4"		
		 Nominal length 300 mm	 Nominal length 150 mm			
32	—	FF03330	0.8	FF03380	0.7	
42	—	FF03331	0.9	FF03381	0.8	
52	—	FF03332	1.2	FF03382	0.8	
57	—	—	—	FF03383	0.8	
62	—	FF03333	1.5	FF03384	0.9	
68	FF03168	1.6	—	FF03385	1.0	
72	—	FF03334	1.7	FF03386	1.1	
76	—	—	—	FF03387	1.2	
82	FF03182	1.8	FF03335	1.9	FF03388	1.3
87	—	—	—	FF03389	1.4	
92	—	FF03336	2.1	FF03390	1.5	
102	—	FF03337	2.4	FF03391	1.6	

Ø mm	M16 80 mm	1.1/4"		1.1/4"	
		Nominal length 300 mm	Nominal length 150 mm	Nominal length 300 mm	Nominal length 150 mm
107	—	—	—	FF03392	1.7
112	—	FF03338	2.7	FF03393	1.8
117	—	—	—	FF03394	1.9
122	—	FF03339	2.9	FF03395	2.0
127	—	—	—	FF03396	2.1
132	—	FF03340	3.2	FF03397	2.2
142	—	—	—	FF03398	2.4
152	—	FF03341	3.7	FF03399	2.7
162	—	FF03342	3.9	FF03400	3.1
172	—	FF03343	3.9	—	—
182	—	FF03344	4.2	FF03401	3.6
202	—	FF03345	4.5	FF03402	4.0

Accessories for Diamond Core Drilling Systems

Galvano Drill Bit Set

For drilling stoneware tiles Ø 6 - 83 mm

A cost-effective alternative for drilling in stoneware tiles. With the help of a drilling fixture, drillings can be purposely and accurately positioned. Optimum drilling results are achieved when used with the water flow socket included in the set.

KEY FEATURES

- Drill and centering aid up to Ø 43 mm
- Water flow socket with 3 edge adaptor
- Galvano drill with 3 edged shaft
- Drill bit with diamond coating



Set (No. 1.9320) includes: Galvano drill (6 - 8 - 10 - 12 mm), centre drill support, water connection, plastic case

Centre drill support with suction cup

Variable adjustment of the drill dimensions up to Ø 43 mm

Water connection

Using quick hose system in R 1/2"



Galvano drill

Ø 6 - 8 - 10 - 12 mm



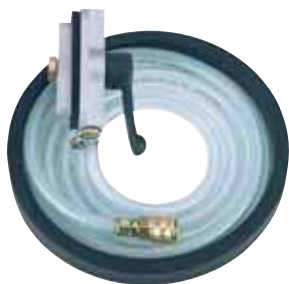
Description		No.
Galvano Drill Set	6-8-10-12 mm	1.9320
Galvano Drill	6 mm	FF44906
Galvano Drill	8 mm	FF44908
Galvano Drill	10 mm	FF44910
Galvano Drill	12 mm	FF44912
Galvano Drill	14 mm	FF44914
Galvano Drill	16 mm	FF44916
Galvano Drill	18 mm	FF44918
Galvano Drill	20 mm	FF44920
Galvano Drill	22 mm	FF44922

Description		No.
Galvano Drill	25 mm	FF44925
Galvano Drill	32 mm	FF44932
Galvano Drill	38 mm	FF44938
Galvano Drill	43 mm	FF44943
Galvano Drill	51 mm	FF44951
Galvano Drill	61 mm	FF44961
Galvano Drill	67 mm	FF44967
Galvano Drill	75 mm	FF44975
Galvano Drill	83 mm	FF44983
Centre Drill support up to	43 mm	FF35749

Vacuum Pump RODIA-VAC

This vacuum pump is suitable for all diamond core drilling units. An extraction tank prevents the vacuum plate from loosening quickly during a sudden power failure. Oil-free vacuum pump with pressure gauge.

Vacuum Sets



No. FF35710
No. FF35740

1.1 KW Motor power 85%
Vacuum 200 l/min
extraction volume

10 l extraction tank

Safety during a power failure



No. FF35200

Quick Clamping Column

Tool-less and reliable bracing between floor and wall or wall and wall. Maximum operation range from 1.7 m up to 3.0 with a load capacity up to 500 kg with sideways guidance.

Description	kg	No.
Quick Clamping Column	9.0	FF35015
Vacuum pump RODIA-VAC 230 V	20.0	FF35200
Vacuum set, RODIACUT® 131 DWS, 130, 170C	1.1	FF35710
Spare foamed rubber for drill base	0.1	FF50007
Vakuum-Set RODIACUT® 202 DWS, 270C	1.1	FF35740
Spare foamed rubber for drill base	0.1	FF50008
Sharpening stick (286 x 152 x 40 mm)	1.0	FF35135



No. FF35015

No. FF35135

Accessories for Diamond Core Drilling Systems

RODIA DRY CLEANER 1200

Wet and dry extraction unit

Especially good performance when used with WALL CUT 6540, RODIADRILL 1800 DRY or other ROTHENBERGER extraction-friendly system products.



High cleaning efficiency

2 polyester-filter cassettes with 99.9% dust retention (max. 20 l) water retention of 15 litres

Constant extraction power!
Automatic filter-cleaning function

Fast, optimum removal of dust

Extremely powerful industrial extractor

User comfort with a wide operating range

5 m long suction hose and 8 m long AC power cord



Model	kg	No.
RODIA DRY CLEANER 1200	10.8	FF35148
Folded filter	1.0	FF55374
Paper filter	0.3	FF55388

RODIA CLEANER 1400

Water suction unit

KEY FEATURES

- Easy-to-handle and powerful 1400 watt water extraction unit
- 35 litre container made of zinc-plated steel plate with acrylate coating: Rust-free

The set includes various extraction tubes and extraction nozzles. Wet-suction is possible when used with the cartridge filter system. When used with a cloth filter, dry suction possible. Suitable for use with our core drilling systems.

Model	kg	No.
RODIA CLEANER 1400	9.0	FF35210
Cartridge filter	1.0	FF55467
Cloth filter	1.0	FF55468

Separate automatic outlet

Connection for an additional electrical apparatus



Light and easy-to handle

Impact protective ring at base with 4 double roller wheels, 8 kg weight

WS 1200

Water Extraction Unit

Pure water extraction unit with enormous capacity up to 120 litres. Permits use at building sites without constant emptying and is therefore especially suitable for use with our larger core drilling systems RODIACUT® 270 PRO and RODIACUT® 400 PRO.

Holding capacity of up to 120 litres

Large, smooth-running transport wheels

High mobility

High-quality accessories

2 stainless steel pipes and 1 metal floor nozzle with rubber lips

6 m long AC power cord and 4 m long suction hose

User comfort with wide working range



Model	kg	No.
WS 1200	23.0	FF35142



Accessories for Diamond Core Drilling Systems

Concrete Fixing Set

Includes (No. FF35120): Knurled thread rod Type G-B 160 mm, screw thread M 12/20 mm (No. FF35129), U-washer (No. FF 70166), winged nut M 12 (No. FF55150), 25 x drive-in anchor M 12 (No. FF 35122) and drive-in iron (No. FF35128)

Masonry Fixing Set

Includes (No. FF35121): Knurled thread rod Type G-M 280 mm, screw thread M 12/85 mm (No. FF35130), U-washer (No. FF70166), winged nut M 12 (No. FF55150), hexagonal nut M12 (No. FF70167), 5 x rawl anchor M 12 (re-usable) (No. FF35126) and drive-in iron (No. FF35128)

Special Diamond Drills for Tiles and Natural Stone

For use when hammer drills can't do the job. Various material combinations, such as tiles on concrete, can be easily drilled without damage.

Description	kg	No.
Concrete fixing set	1.90	FF35120
Thread rod, U washer, nut	0.60	FF35123
Drive-in anchor M 12	0.04	FF35122
Wet drill bit Ø 15 mm	0.20	FF44815
SDS-plus hammer drill Ø 15 - 160 mm	0.16	11.1429
Masonry fixing set	1.10	FF35121
Thread rod, U washer, nut	0.70	FF35124
Rawl anchor M 12	0.08	FF35126
Wet drill bit Ø 20 mm	0.22	FF44820
SDS-plus hammer drill Ø 20 - 300 mm	0.22	11.1449



Copper Rings 1.1/4"

KEY FEATURES

- Levels out the unevenness between motor connection and drill bit
- Easy loosening prevents drill bits from getting stuck on the driveshaft



Description	kg	No.
Copper Ring 1.1/4"	5	FF35190

Thread Interfaces

Between motor connection and drill bit



Description	g	No.
R 1/2" external thread onto 1.1/4" UNC external thread	500	FF35080
1.1/4" UNC internal thread onto R 1/2" internal thread	700	FF35095

Water Supply

The sturdy 10 litre pressurized water container made of aluminium is perfectly suited for individual drilling. When drilling large diameters or series drillings, the fully submersible RODIAPUMP enables a mobile supply of water from buckets or other containers up to a delivery height of 5 meters using a 1" water hose.

Description	kg	No.
Pressurized water container	5.50	FF35026
Submersible water pump RODIAPUMP	4.40	FF35029
Special water supply hose	0.20	FF35301
Water supply hose with "Aqua-stop"	0.21	FF35302



Accessories for Diamond Core Drilling Systems

Water Extraction Systems

Description	kg	No.
Water collection ring, stationary (up to Ø 130 mm)	1.2	FF35700
Spare rubber membrane (for FF35700)	0.3	FF55131
Water collection ring, hand-operated (up to Ø 130 mm)	0.8	FF35701
Spare water collection ring discs (for FF35701)	0.2	FF35702
Water collection ring, stationary (up to Ø 200 mm)	2.5	FF35730
Spare rubber membrane (for FF35730)	0.6	FF55201



Extensions

R 1/2" and 1.1/4" UNC

KEY FEATURES

- Easy extension of the drilling depth
- High-quality and robust steel design

Nominal length in mm	kg	R1/2" No.	kg	1.1/4" UNC No.
100	0.40	FF35040	1.00	FF35060
200	0.90	FF35045	2.00	FF35065
300	1.40	FF35050	3.00	FF35070
500	2.40	FF35055	5.10	FF35075



Support Plates for Centering Pin

From Ø 31 mm up to Ø 201 mm

Suitable for FF03300, FF03301, FF03302, FF03303 support plates in connection with centering pin allows a precise drill hole exactly where it is needed.

- Secure hold, drill bit will not slip on the subsurface
- Fast and tool-less assembly / disassembly without the need for screws

Extraction Rotor "RODIADUST"

Universal adaptor for wet drilling machines for dust-free dry drilling

Provides optimum extraction results in conjunction with RODIA DRY CLEANER (FF35148) and increases the drilling process, prevents jamming of drill bit and reduces segment wear.

Centering Pin

From 90 up to 400 mm

Universal drilling assistance for hand-operated drilling moveable carbide centering tip, quick and tool-less assembly / disassembly

Ø mm	g	No.	Ø mm	g	No.
31	5	FF03308	111	50	FF03316
41	8	FF03309	121	55	FF03317
51	10	FF03310	131	58	FF03318
61	13	FF03311	151	77	FF03319
71	17	FF03312	161	80	FF03320
81	18	FF03313	171	85	FF03321
91	22	FF03314	181	100	FF03322
101	44	FF03315	201	120	FF03323



Description	g	No.
Extraction Rotor 1.1/4" UNC	1000	FF40056
Extraction Rotor M 30 x 2	1000	FF40057
Centering Pin for extraction rotor 300 mm	330	FF03300
Centering Pin for extraction rotor 400 mm	330	FF03301
Centering Pin for extraction rotor 90 mm	330	FF03302
Centering Pin for extraction rotor 150 mm	330	FF03299
Mounting shaft for centering drill (6-edge)	200	FF03091
Mounting shaft for centering drill (SDS)	200	FF03092
Adaptor for RODIADRILL 1800 DWS/DRY	100	FF35097
Centering tip "Quick-Out" in conjunction with FF35097	100	FF35096