





Core drilling




| | |
|--|-------|
| System overview | 46-47 |
| Dry drilling | |
| Characteristics dry drill bits | 48 |
| Dry drilling machine | 49 |
| Dry drill bits | 50-53 |
| Wet and dry drilling | |
| Characteristics diamond drill bits | 54 |
| Wet drilling machine | 55 |
| Diamond wet and dry drilling systems | 56-60 |
| Diamond drill bits | |
| Wet cutting drill bits for natural stone, soldered | 61 |
| Wet and dry cutting drill bits, space welding | 62-65 |
| Accessories hand-operated and stationary drilling | |
| Vacuum pump systems | 66 |
| Accessories diamond core drilling | 66-68 |
| Extraction systems | |
| Wet and dry extraction unit | 69 |

2

Hand-operated drilling


| | RODIADRILL 1800 Dry | RODIADRILL Ceramic | RODIADRILL 160 | RODIADRILL 200 |
|----------------------------------|---|---|--|---|
| |  |  |  |  |
| Stationary drilling: Concrete | Ø 32–202 mm | Ø 6–67 mm | Ø 10–132 mm | Ø 10–200 mm |
| Stationary drilling: Masonry | Ø 32–202 mm | Ø 6–67 mm | Ø 32–162 mm | Ø 32–225 mm |
| Hand-operated drilling: Concrete | Ø 32–92 mm | Ø 6–35 mm | Ø 10–82 mm | Ø 10–82 mm |
| Hand-operated drilling: Masonry | Ø 32–92 mm | Ø 6–67 mm | Ø 32–162 mm | Ø 32–250 mm |
| Power | 1,800 W | 800 W | 1,400 W | 2,200 W |
| Speed transmission | 1-gear | 2-gear | 2-gear | 3-gear |
| Nominal speed | 1,800 rpm | 3,600 / 6,400 rpm | 500 / 1,050 rpm | 600 / 1,250 / 3,200 rpm |
| Torque | 20 Nm | 4 / 7 Nm | 55 / 27 Nm | 71 / 34 / 17 Nm |
| Weight | 5.500 kg | 3.400 kg | 6.700 kg | 7.200 kg |
| Page | 49 | 55 | 57 | 57 |

Drill bits



| | DX High Speed Dry | High Speed Plus natural stone | DX High Speed Plus | SPEED STAR DX |
|---------------------|---|---|--|---|
| |  |  |  |  |
| Connection | G 1/2", 1.1/4" UNC | G 1/2" | G 1/2", 1.1/4" UNC | G 1/2", 1.1/4" UNC |
| Drill bit diameter | Ø 32–205 mm | Ø 6–67 mm | Ø 20–300 mm | Ø 10–500 mm |
| Working length | G 1/2" & 1.1/4" UNC 150 mm and 330 mm | up to Ø 10 mm = 50 mm from Ø 12 mm = 120 mm | G 1/2", 400 mm length 1.1/4" UNC, 430 mm length | G 1/2", 400 mm length 1.1/4" UNC, 430 mm length |
| Application | dry | wet | wet and dry | wet and dry |
| Tiles | ✓ | ✓✓✓ | ✓ | ✓✓ |
| Granite | ✓ | ✓✓✓ | ✓ | ✓✓ |
| Marble | ✓ | ✓✓✓ | ✓ | ✓✓ |
| Brick | ✓✓✓ | ✓✓ | ✓✓✓✓ | ✓✓✓✓ |
| Masonry | ✓✓✓ | ✓ | ✓✓✓✓ | ✓✓✓ |
| Lime-sand brick | ✓✓✓ | ✓ | ✓✓✓✓ | ✓✓✓ |
| Asphalt | ✓✓✓ | ✓✓ | ✓✓✓✓ | ✓✓✓✓ |
| Screed | ✓✓✓ | ✓✓ | ✓✓✓ | ✓✓ |
| Concrete | ✓✓✓ | ✓✓✓ | ✓✓✓ | ✓✓ |
| Reinforced concrete | ✓✓✓ | ✓✓✓ | ✓✓ | ✓✓✓ |
| Page | 50 | 61 | 62 | 64 |

✓✓✓ = Ideally suited for dry drilling
 ✓✓ = Very suitable dry drilling
 ✓ = Suitable for dry drilling

✓✓✓ = Ideally suited for wet drilling
 ✓✓ = Very suitable wet drilling
 ✓ = Suitable for wet drilling

| Hand-operated drilling | | Stationary drilling | | |
|----------------------------------|---|---|---|---|
| RODIADRILL 500 | | RODIACUT 150 RODIADRILL 160 | RODIACUT 150 RODIADRILL 200 | RODIACUT 250 RODIADRILL 200 |
| |  |  |  |  |
| Stationary drilling: Concrete | Ø 32-400 (500 ²) mm | Ø 10-132 mm | Ø 10-152 mm | Ø 10-200 mm |
| Stationary drilling: Masonry | Ø 32-400 (500 ²) mm | Ø 10-152 mm | Ø 10-152 mm | Ø 32-225 mm |
| Hand-operated drilling: Concrete | ○ | Ø 10-82 mm | Ø 10-82 mm | Ø 10-82 mm |
| Hand-operated drilling: Masonry | ○ | Ø 32-162 mm | Ø 32-250 mm | Ø 32-250 mm |
| Power | 3,000 W | 1,400 W | 2,200 W | 2,200 W |
| Speed transmission | 3-gear | 2-gear | 3-gear | 3-gear |
| Nominal speed | 215 / 430 / 785 rpm | 500 / 1,050 rpm | 600 / 1,250 / 3,200 rpm | 600 / 1,250 / 3,200 rpm |
| Torque | 185 / 107 / 55 Nm | 55 / 27 Nm | 71 / 34 / 17 Nm | 71 / 34 / 17 Nm |
| Weight | 12.100 kg | 16.700 kg | 17.200 kg | 25.200 kg |
| Page | 59 | 56 | 56 | 58 |

Stationary drilling

| RODIACUT 250 RODIADRILL 500 | | RODIACUT 400 PRO RODIADRILL 500 |
|----------------------------------|---|---|
| |  |  |
| Stationary drilling: Concrete | Ø 32-250 mm | Ø 32-400 (500 ²) mm |
| Stationary drilling: Masonry | Ø 32-250 mm | Ø 32-400 (500 ²) mm |
| Hand-operated drilling: Concrete | ○ | ○ |
| Hand-operated drilling: Masonry | ○ | ○ |
| Power | 3,000 W | 3,000 W |
| Speed transmission | 3-gear | 3-gear |
| Nominal speed | 215 / 430 / 785 rpm | 215 / 430 / 785 rpm |
| Torque | 185 / 107 / 55 Nm | 185 / 107 / 55 Nm |
| Weight | 30.100 kg | 39.800 kg |
| Page | 58 | 60 |

2) Drilling range with distance plate expandable up to 500 mm

Core drilling

Dry drill bits

Dry drill bits: DX High Speed Dry

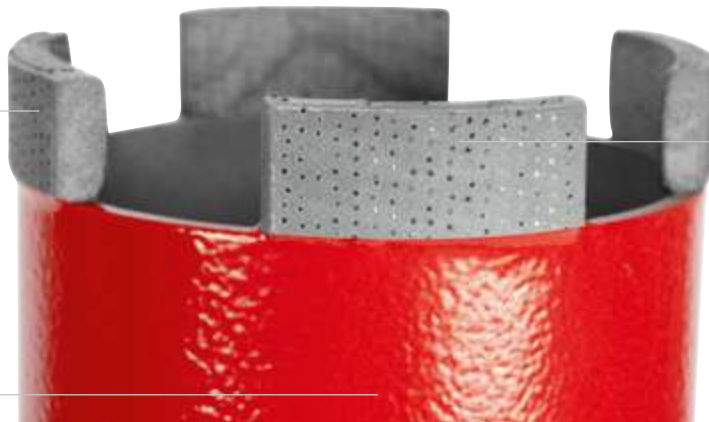
Uncomplicated and universally applicable

- Dry drilling causes less dirt and no wetness
- No water supply needed at the job site
- Uncomplicated preparation and follow-up saves time and effort
- Trouble-free drilling in reinforced concrete, masonry or sand-lime brick
- There is a suitable variant for every application: Threaded sockets 1.1/4" UNC and G1/2" Working length 150 & 330 mm Diameter 32-205 mm



Segment height: 10 mm

High cutting performance and long service life



Precise, three-dimensional symmetry of the diamond segments

Even wear—less effort when drilling

Overwound drill bits

Balanced rotation reduces wear

For more information and videos follow us on Youtube



DX High Speed Dry

Dry drill bits with 3D-Diamatrix segments



Dry drill bits DX High Speed Dry on page 50

Application Benefits

- 3D diamond matrix: Three-dimensional positioning of the diamonds for easy-cutting drilling, even wear of the segments, little effort and long service life
- Segment height: 10 mm, for high cutting efficiency and long service life
- Overturned drill bits ensure precise concentricity and reduce wear and tear
- Air vents eliminate drilling dust and provide cooling
- 1.1/4" UNC and 1/2" threaded mounting is suitable for all ROTHENBERGER drill motors
- Working length 150 & 330 mm
- Available in diameters 32-205 mm

Accessories



No. FF40185



No. 1000003978

| Description | Page | No. |
|---------------------------------|------|------------|
| Drill Motor RODIADRILL 1800 DRY | 49 | FF40185 |
| RODIA DW CLEANER M | 69 | 1000003978 |

RODIADRILL 1800 DRY

The electrical drill motor **RODIADRILL 1800 DRY** is suited for hand-operated and stationary drillings from $\varnothing 32$ to 202 mm

**Application Benefits**

- Efficient drilling due to additional POWER PULS technology
- Optimum drilling process due to stronger suction, removable extraction rotor for stationary core drilling
- Electronic friction clutch with 20 Nm torque for larger drill holes
- Safety due to electronic soft starter with overload indicator
- Easy handling and compact design, can be used close to the wall

Technical Data

| | |
|--------------------------------|-----------|
| Input power | 2,500 W |
| Output power | 1,800 W |
| Power with unit of measurement | 1,800 W |
| Current type | 8.5 A |
| Drilling range | 32–202 mm |

2



| Model | Weight | PU | No. |
|---------------------------------|----------|----|---------|
| Drill Motor RODIADRILL 1800 DRY | 5.500 kg | 1 | FF40185 |

DX High Speed Dry

Dry drill bits with 3D-Diamatrix segments for easy-cutting and fast drilling



Application Benefits

- 3D diamond matrix: Three-dimensional positioning of the diamonds for a cutting-friendly and long-lasting service life
- Very easy to drill for safe first cut in freehand operation
- Exact concentricity reduces wear

Technical Data

| Drill bits | Segments |
|--------------|----------|
| Ø 32–92 mm | 3–5 |
| Ø 102–127 mm | 6–7 |
| Ø 132–162 mm | 8–9 |
| Ø 182–205 mm | 10 |

2

Segment height: 10 mm

High cutting performance and long service life

Overwound drill bits

Balanced rotation reduces wear

1.1/4" UNC and 1/2" threaded adaptor

Suitable for all other ROTHENBERGER drill motors

3D-Diamatrix

The diamonds of the drill bit are three-dimensional and symmetrically arranged

Air vents

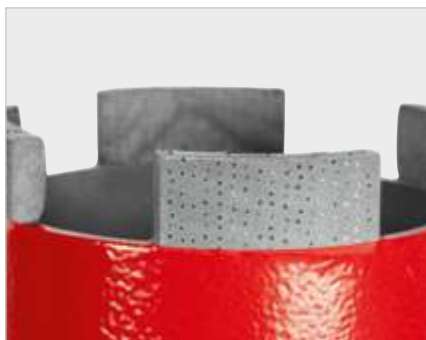
Remove drilling dust and provide cooling



Threaded adaptor 1.1/4" UNC with a large exhaust opening



3D-Diamatrix increase the service life and ensures less effort



Air vents for removal of the drill dust and for cooling work



DX High Speed Dry 1.1/4" UNC



2

| Model | Weight | PU | No. |
|---|----------|----|------------|
| DX High Speed Dry 1.1/4" UNC, D = 32 mm, NL = 330 mm | 1.070 kg | 1 | 1500004051 |
| DX High Speed Dry 1.1/4" UNC, D = 37 mm, NL = 330 mm | 1.170 kg | 1 | 1500004054 |
| DX High Speed Dry 1.1/4" UNC, D = 42 mm, NL = 330 mm | 1.270 kg | 1 | 1500004055 |
| DX High Speed Dry 1.1/4" UNC, D = 52 mm, NL = 330 mm | 1.473 kg | 1 | 1500004056 |
| DX High Speed Dry 1.1/4" UNC, D = 57 mm, NL = 330 mm | 1.580 kg | 1 | 1500004057 |
| DX High Speed Dry 1.1/4" UNC, D = 62 mm, NL = 330 mm | 1.680 kg | 1 | 1500004058 |
| DX High Speed Dry 1.1/4" UNC, D = 68 mm, NL = 330 mm | 1.810 kg | 1 | 1500004059 |
| DX High Speed Dry 1.1/4" UNC, D = 72 mm, NL = 330 mm | 1.910 kg | 1 | 1500004060 |
| DX High Speed Dry 1.1/4" UNC, D = 82 mm, NL = 330 mm | 2.130 kg | 1 | 1500004061 |
| DX High Speed Dry 1.1/4" UNC, D = 92 mm, NL = 330 mm | 2.360 kg | 1 | 1500004062 |
| DX High Speed Dry 1.1/4" UNC, D = 102 mm, NL = 330 mm | 2.610 kg | 1 | 1500004100 |
| DX High Speed Dry 1.1/4" UNC, D = 107 mm, NL = 330 mm | 2.730 kg | 1 | 1500004063 |
| DX High Speed Dry 1.1/4" UNC, D = 112 mm, NL = 330 mm | 2.860 kg | 1 | 1500004064 |
| DX High Speed Dry 1.1/4" UNC, D = 122 mm, NL = 330 mm | 3.120 kg | 1 | 1500004065 |
| DX High Speed Dry 1.1/4" UNC, D = 127 mm, NL = 330 mm | 3.940 kg | 1 | 1500004066 |
| DX High Speed Dry 1.1/4" UNC, D = 132 mm, NL = 330 mm | 4.110 kg | 1 | 1500004067 |
| DX High Speed Dry 1.1/4" UNC, D = 142 mm, NL = 330 mm | 4.460 kg | 1 | 1500004068 |
| DX High Speed Dry 1.1/4" UNC, D = 152 mm, NL = 330 mm | 4.810 kg | 1 | 1500004069 |
| DX High Speed Dry 1.1/4" UNC, D = 162 mm, NL = 330 mm | 5.180 kg | 1 | 1500004070 |
| DX High Speed Dry 1.1/4" UNC, D = 182 mm, NL = 330 mm | 5.930 kg | 1 | 1500004071 |
| DX High Speed Dry 1.1/4" UNC, D = 205 mm, NL = 330 mm | 6.850 kg | 1 | 1500004072 |

DX High Speed Dry 1/2"



2

| Model | Weight | PU | No. |
|---|----------|----|------------|
| DX High Speed Dry 1/2", D=32 mm, NL=150 mm | 0.590 kg | 1 | 1500004078 |
| DX High Speed Dry 1/2", D=37 mm, NL=150 mm | 0.620 kg | 1 | 1500004080 |
| DX High Speed Dry 1/2", D=42 mm, NL=150 mm | 0.660 kg | 1 | 1500004081 |
| DX High Speed Dry 1/2", D=52 mm, NL=150 mm | 0.750 kg | 1 | 1500004082 |
| DX High Speed Dry 1/2", D=57 mm, NL=150 mm | 0.790 kg | 1 | 1500004083 |
| DX High Speed Dry 1/2", D=62 mm, NL=150 mm | 0.830 kg | 1 | 1500004084 |
| DX High Speed Dry 1/2", D=68 mm, NL=150 mm | 0.880 kg | 1 | 1500004085 |
| DX High Speed Dry 1/2", D=72 mm, NL=150 mm | 0.930 kg | 1 | 1500004086 |
| DX High Speed Dry 1/2", D=82 mm, NL=150 mm | 1.030 kg | 1 | 1500004087 |
| DX High Speed Dry 1/2", D=92 mm, NL=150 mm | 1.130 kg | 1 | 1500004088 |
| DX High Speed Dry 1/2", D=102 mm, NL=150 mm | 1.240 kg | 1 | 1500004089 |
| DX High Speed Dry 1/2", D=107 mm, NL=150 mm | 1.300 kg | 1 | 1500004090 |
| DX High Speed Dry 1/2", D=112 mm, NL=150 mm | 1.360 kg | 1 | 1500004091 |
| DX High Speed Dry 1/2", D=122 mm, NL=150 mm | 1.490 kg | 1 | 1500004092 |
| DX High Speed Dry 1/2", D=127 mm, NL=150 mm | 1.840 kg | 1 | 1500004093 |
| DX High Speed Dry 1/2", D=132 mm, NL=150 mm | 1.930 kg | 1 | 1500004094 |
| DX High Speed Dry 1/2", D=142 mm, NL=150 mm | 2.090 kg | 1 | 1500004095 |
| DX High Speed Dry 1/2", D=152 mm, NL=150 mm | 2.270 kg | 1 | 1500004096 |
| DX High Speed Dry 1/2", D=162 mm, NL=150 mm | 2.450 kg | 1 | 1500004097 |
| DX High Speed Dry 1/2", D=182 mm, NL=150 mm | 2.830 kg | 1 | 1500004098 |
| DX High Speed Dry 1/2", D=205 mm, NL=150 mm | 3.270 kg | 1 | 1500004099 |
| DX High Speed Dry 1/2", D=32 mm, NL=330 mm | 0.760 kg | 1 | 1500004074 |
| DX High Speed Dry 1/2", D=37 mm, NL=330 mm | 0.830 kg | 1 | 1500004075 |
| DX High Speed Dry 1/2", D=42 mm, NL=330 mm | 0.900 kg | 1 | 1500004076 |
| DX High Speed Dry 1/2", D=52 mm, NL=330 mm | 1.040 kg | 1 | 1500004077 |

DX High Speed Dry M16



2

| Model | Weight | PU | No. |
|--|----------|----|------------|
| DX High Speed Dry M16, D = 32 mm, NL = 150 mm | 1.070 kg | 1 | 1500004163 |
| DX High Speed Dry M16, D = 37 mm, NL = 150 mm | 0.620 kg | 1 | 1500004165 |
| DX High Speed Dry M16, D = 42 mm, NL = 150 mm | 0.660 kg | 1 | 1500004167 |
| DX High Speed Dry M16, D = 52 mm, NL = 150 mm | 0.750 kg | 1 | 1500004168 |
| DX High Speed Dry M16, D = 57 mm, NL = 150 mm | 0.790 kg | 1 | 1500004170 |
| DX High Speed Dry M16, D = 62 mm, NL = 150 mm | 0.830 kg | 1 | 1500004171 |
| DX High Speed Dry M16, D = 68 mm, NL = 150 mm | 0.880 kg | 1 | 1500004172 |
| DX High Speed Dry M16, D = 72 mm, NL = 150 mm | 0.930 kg | 1 | 1500004173 |
| DX High Speed Dry M16, D = 82 mm, NL = 150 mm | 1.030 kg | 1 | 1500004174 |
| DX High Speed Dry M16, D = 92 mm, NL = 150 mm | 1.130 kg | 1 | 1500004175 |
| DX High Speed Dry M16, D = 102 mm, NL = 150 mm | 1.240 kg | 1 | 1500004176 |
| DX High Speed Dry M16, D = 107 mm, NL = 150 mm | 1.300 kg | 1 | 1500004177 |
| DX High Speed Dry M16, D = 112 mm, NL = 150 mm | 1.360 kg | 1 | 1500004179 |
| DX High Speed Dry M16, D = 122 mm, NL = 150 mm | 1.490 kg | 1 | 1500004180 |
| DX High Speed Dry M16, D = 127 mm, NL = 150 mm | 1.840 kg | 1 | 1500004181 |
| DX High Speed Dry M16, D = 132 mm, NL = 150 mm | 1.930 kg | 1 | 1500004182 |
| DX High Speed Dry M16, D = 142 mm, NL = 150 mm | 2.090 kg | 1 | 1500004183 |
| DX High Speed Dry M16, D = 152 mm, NL = 150 mm | 2.270 kg | 1 | 1500004184 |
| DX High Speed Dry M16, D = 162 mm, NL = 150 mm | 2.450 kg | 1 | 1500004185 |
| DX High Speed Dry M16, D = 182 mm, NL = 150 mm | 2.830 kg | 1 | 1500004186 |
| DX High Speed Dry M16, D = 205 mm, NL = 150 mm | 3.270 kg | 1 | 1500004187 |

Space welding

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

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

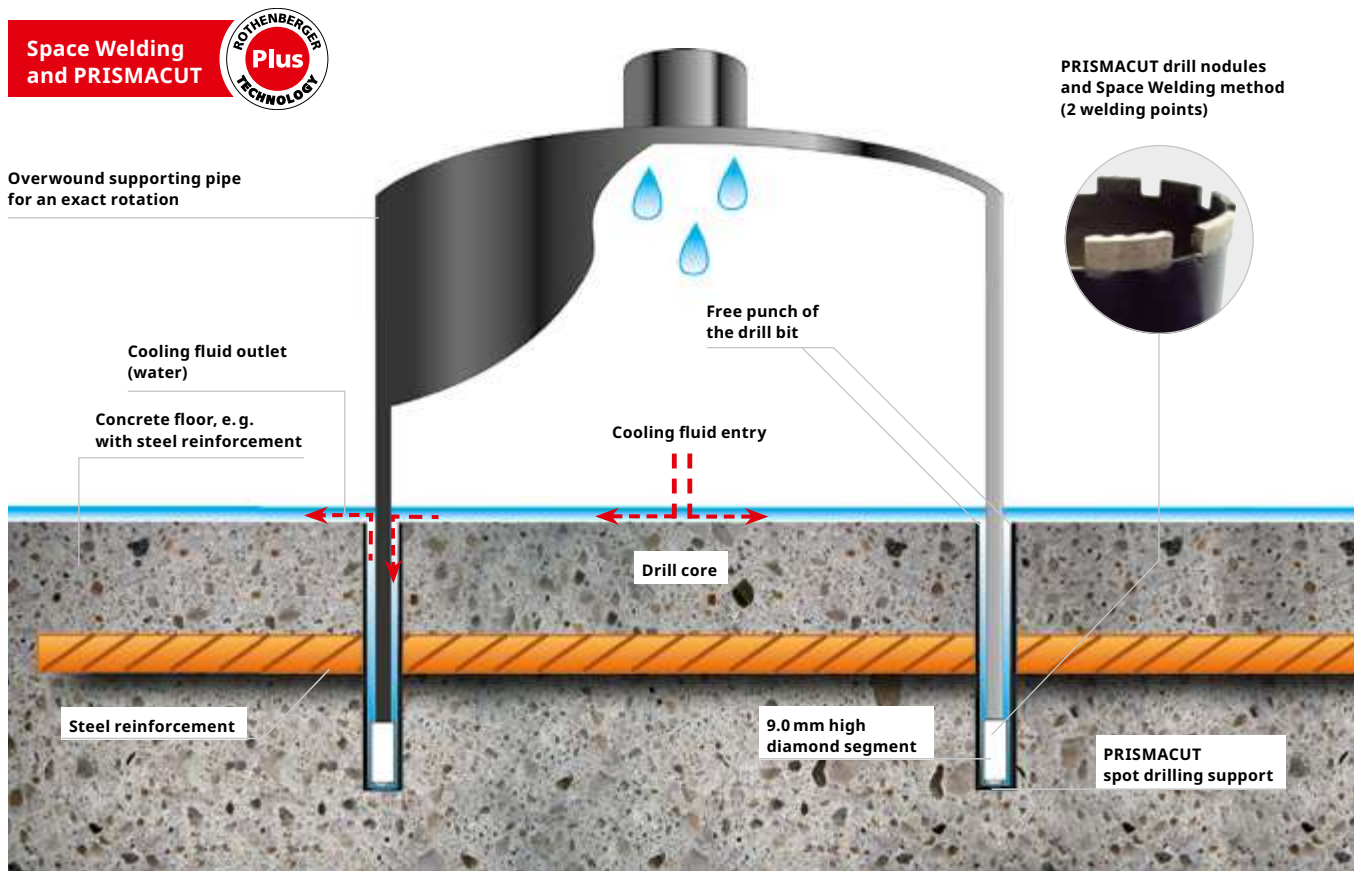
PRISMACUT

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

2



DX High Speed Plus universal drill bits

Space welding universal wet and dry drill bits for Ø 10–300 mm

SPEED STAR DX

Space welding wet and dry drill bits for different diameters in the range of 10–500 mm



DX-High Speed Plus universal drill bits on page 62

SPEED STAR DX drill bits on page 64

RODIADRILL Ceramic

Hand-operated wet drilling, drill Ø 6–67 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

Hand-operated wet drilling in:

(reinforced) concrete Ø 6–35 mm, marble, granite, ceramic tiles, masonry, hollow brickwork and glass Ø 6–67 mm

Application Benefits

- For all common G 1/2" drill bits
- Fatigue-free operation with the lightweight
- Also drills through material combinations (for example tiles + masonry) without damaging material or surfaces and without cumbersome tool change
- "Aqua-stop button" with quantity adjustment
- Ideal for serial drilling with the external water supply
- Toolless exchange of the drill bits with the Quick change system
- Integrated 1 litre water tank for 4–6 drill holes

Integrated 1 litre water tank

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

Quick change system drill bit adaptor

Toolless quick change for G 1/2" drill bits

Connection for external water supply

Ideal solution for serial drillings

11-part set (No. FF40150) includes: drill motor RODIADRILL Ceramic (No. FF40150), 1 high speed plus drill bit each Ø 6–8–10 mm (No. FF44806, FF44808, FF44810), 3 × quick change adapter (No. FF35751), spanners sizes 24 and 27 (No. FF70024, FF70027), hexagonal key (No. 321523), ROCASE 6414 (No. 1300003336), ROCASE inlay (No. 1300005582)

Model

RODIADRILL Ceramic Set Drill bits 6–8–10 mm, 230V

Weight

3.400 kg

PU

1

No.

FF40150



Technical Data

| | |
|------------------------|-----------|
| Input power | 1,150 W |
| Voltage | 230 V |
| Output power | 800 W |
| Speed | 3,600 rpm |
| Speed 2-gear | 6,400 rpm |
| Number of courses | 2 |
| Drilling area concrete | 35 mm |
| Drilling area masonry | 67 mm |
| Power | 230 V |
| Current type | 3.6 A |



"Aqua-stop button"—water pressure valve with quantity adjustment

Perfectly regulated flow of the water quantity



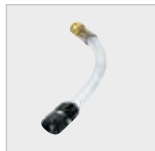
No. FF3571



No. FF35028



No. FF35301



No. FF35302



High Speed Plus Natural Stone



No. FF35700

Accessories

Page

No.

| | | |
|---------------------------------|----|---------|
| Quick change adaptor | | FF35751 |
| Pressurized water container 10l | 67 | FF35028 |
| Special water supply hose | 67 | FF35301 |

Accessories

Page

No.

| | | |
|------------------------------------|----|---------|
| Water supply hose with "aqua-stop" | 67 | FF35302 |
| HSP Nature stone drill bits | 61 | |
| Water collecting ring, stationary | 68 | FF35700 |

RODIACUT 150 / RODIADRILL 160

RODIACUT 150 drill stand with combination drill mounting plate and RODIADRILL 160 drill motor for drilling Ø 10-132 mm (Ø 162 mm) in reinforced concrete

RODIADRILL 160:

Ø 10-132 mm for stationary wet drilling in (reinforced) concrete,
 Ø 10-82 mm for hand-operated wet drilling in (reinforced) concrete,
 Ø 10-162 mm for hand-operated dry drilling in masonry

Application Benefits

- Drill angle adjustments from 0° up to +45°, in 15° steps adjustable
- One tool for all settings on the drill stand
- 2 leveling indicators included 4 adjustment screws for fast and precise alignment of the drill stand
- Lightweight aluminum construction allows a one man operation of the drilling system
- Fully-equipped drill stand including Borehole centre indicator, drill depth stop and a scale for easier application

| Model | Weight | PU | No. |
|-------------------------------|-----------|----|---------|
| RODIACUT 150 / RODIADRILL 160 | 16.500 kg | 1 | FF34150 |
| RODIACUT 150 | 9.700 kg | 1 | FF30150 |
| RODIADRILL 160 | 6.800 kg | 1 | FF40165 |

RODIACUT 150 / RODIADRILL 200

RODIACUT 150 drill stand with combination drill mounting plate and RODIADRILL 200 drill motor for drilling Ø 10-132 mm (Ø 162 mm) in reinforced concrete

RODIADRILL 200:

Ø 10-132 mm for stationary wet drilling in (reinforced) concrete,
 Ø 10-82 mm for hand-operated wet drilling in (reinforced) concrete,
 Ø 10-162 mm for hand-operated dry drilling in masonry

Application Benefits

- Drill angle adjustments from 0° up to +45°, in 15° steps adjustable
- One tool for all settings on the drill stand
- 2 leveling indicators included 4 adjustment screws for fast and precise alignment of the drill stand
- Lightweight aluminum construction allows a one man operation of the drilling system
- Fully-equipped drill stand including Borehole centre indicator, drill depth stop and a scale for easier application

| Model | Weight | PU | No. |
|-------------------------------|-----------|----|---------|
| RODIACUT 150 / RODIADRILL 200 | 16.900 kg | 1 | FF34160 |
| RODIACUT 150 | 9.700 kg | 1 | FF30150 |
| RODIADRILL 200 | 7.200 kg | 1 | FF40220 |



Technical Data

| | |
|------------------------|-----------|
| Input power | 2,000 W |
| Output power | 1,400 W |
| Speed | 1,570 rpm |
| Drilling stroke | 430 mm |
| Drilling area concrete | 132 mm |
| Drilling area masonry | 162 mm |



3 applications with one device!



Technical Data

| | |
|------------------------|-----------|
| Input power | 2,700 W |
| Output power | 2,200 W |
| Speed | 3,200 rpm |
| Drilling stroke | 430 mm |
| Drilling area concrete | 132 mm |
| Drilling area masonry | 162 mm |



3 applications with one device!

RODIADRILL 160

Drill motor

RODIADRILL 160:

Ø 10–132 mm for stationary wet drilling in (reinforced) concrete,
 Ø 10–82 mm for hand-operated wet drilling in (reinforced) concrete,
 Ø 10–162 mm for hand-operated dry drilling in masonry

Application Benefits

- Safety for motor and user through integrated mechanical sliding clutch, electronically controlled overload cut-off and PRCD circuit breaker
- Optimum drilling progress through electronically controlled soft start and LED display
- In the event of overload cut-off the motor is immediately ready after restarting
- Low operating costs due to maintenance-friendly head

| Model | Weight | PU | No. |
|----------------|----------|----|---------|
| RODIADRILL 160 | 6.800 kg | 1 | FF40165 |



Technical Data

| | |
|--------------|-----------|
| Input power | 2,000 W |
| Output power | 1,400 W |
| Speed | 1,570 rpm |

RODIADRILL 200

Drill motor

RODIADRILL 200:

Ø 10–200 mm for stationary wet drilling in reinforced concrete,
 Ø 10–225 mm for stationary dry drilling in masonry,
 Ø 10–82 mm for hand-operated wet drilling in reinforced concrete,
 Ø 10–250 mm for hand-operated dry drilling in masonry

Application Benefits

- Safety for motor and user through integrated mechanical sliding clutch, electronically controlled overload cut-off and PRCD circuit breaker
- Optimum drilling progress through electronically controlled soft start and LED display
- In the event of overload cut-off the motor is immediately ready after restarting
- Low operating costs due to maintenance-friendly head

| Model | Weight | PU | No. |
|----------------|----------|----|---------|
| RODIADRILL 200 | 7.200 kg | 1 | FF40220 |



Technical Data

| | |
|--------------|---------------|
| Input power | 2,700 W |
| Output power | 2,200 W |
| Speed | 3,200 U / min |



No. FF40150



No. 1000003978



No. FF35028



No. FF35700



No. FF35200



No. FF40056



SPEED STAR DX



DX High Speed Plus

| Accessories | Page | No. |
|---------------------------------|------|---------|
| RODIADRILL Ceramic | 55 | FF40150 |
| Pressurized water container 10l | 67 | FF35028 |
| Vacuum pump RODIA-VAC | 66 | FF35200 |

| Accessories | Page | No. |
|-----------------------------------|-------|------------|
| RODIA DW CLEANER M | 69 | 1000003978 |
| Water collecting ring, stationary | 68 | FF35700 |
| Drill bits | 61–65 | |

RODIACUT 250 / RODIADRILL 200

RODIACUT 250 drill stand with combination drill mounting plate and RODIADRILL 200 drill motor for drilling Ø 10-200 mm (Ø 250 mm) in reinforced concrete

RODIADRILL 200:

Ø 10-200 mm for stationary wet drilling in reinforced concrete,
 Ø 10-225 mm for stationary dry drilling in masonry,
 Ø 10-82 mm for hand-operated wet drilling in reinforced concrete,
 Ø 10-250 mm for hand-operated dry drilling in masonry



Technical Data

| | |
|------------------------|-----------|
| Input power | 2,700 W |
| Output power | 2,000 W |
| Speed | 3,200 rpm |
| Drilling stroke | 430 mm |
| Drilling area concrete | 200 mm |
| Drilling area masonry | 200 mm |

Application Benefits

- Drill angle adjustments from 0° up to +45°, in 15° steps adjustable
- One tool for all settings on the drill stand
- 2 leveling indicators included 4 adjustment screws for fast and precise alignment of the drill stand
- Lightweight aluminum construction allows a one man operation of the drilling system
- Fully-equipped drill stand including Borehole centre indicator, drill depth stop and a scale for easier application

4 applications with one device!



Hexagon socket screw key 6 mm included

All adjustments with a single tool

Buckling resistant column

Robust and lightweight

Adjustable handle

Quick change of operating side-drilling, even in confined spaces

| Model | Weight | PU | No. |
|-------------------------------|-----------|----|---------|
| RODIACUT 250 / RODIADRILL 200 | 26.600 kg | 1 | FF34200 |
| RODIACUT 250 | 14.500 kg | 1 | FF30250 |
| RODIADRILL 200 | 7.200 kg | 1 | FF40220 |

RODIACUT 250 / RODIADRILL 500

RODIACUT 250 drill stand with combination drill mounting plate and RODIADRILL 500 drill motor for drilling Ø 32-250 mm in reinforced concrete

RODIADRILL 500:

Ø 32-250 mm for stationary wet drilling in reinforced concrete,
 Ø 32-250 mm for stationary dry drilling in masonry



2 applications with one device!



Application Benefits

- Drill angle adjustments from 0° up to +45°, in 15° steps adjustable
- One tool for all settings on the drill stand
- 2 leveling indicators included 4 adjustment screws for fast and precise alignment of the drill stand
- Lightweight aluminum construction allows a one man operation of the drilling system
- Fully-equipped drill stand including Borehole centre indicator, drill depth stop and a scale for easier application

| Model | Weight | PU | No. |
|-------------------------------|-----------|----|---------|
| RODIACUT 250 / RODIADRILL 500 | 31.400 kg | 1 | FF34260 |
| RODIACUT 250 | 14.500 kg | 1 | FF30250 |
| RODIADRILL 500 | 12.100 kg | 1 | FF40400 |

RODIADRILL 200**Drill motor****RODIADRILL 200:**

Ø 10–200 mm for stationary wet drilling in reinforced concrete,
 Ø 10–225 mm for stationary dry drilling in masonry,
 Ø 10–82 mm for hand-operated wet drilling in reinforced concrete,
 Ø 10–250 mm for hand-operated dry drilling in masonry

Application Benefits

- Safety for motor and user through integrated mechanical sliding clutch, electronically controlled overload cut-off and PRCD circuit breaker
- Optimum drilling progress through electronically controlled soft start and LED display
- In the event of overload cut-off the motor is immediately ready after restarting
- Low operating costs due to maintenance-friendly head



2

| Model | Weight | PU | No. |
|----------------|----------|----|---------|
| RODIADRILL 200 | 7.200 kg | 1 | FF40220 |

Technical Data

| | |
|--------------|-------------|
| Input power | 2,700 W |
| Output power | 2,200 W |
| Speed | 3,200 U/min |

RODIADRILL 500**Drill motor****RODIADRILL 500**

Ø 32–400 mm for stationary wet drilling in concrete,
 Ø 32–400 mm for stationary dry drilling in masonry

Application Benefits

- Safety for motor and user due to integrated mechanical slipping clutch, electronically controlled overload cut-off and PRCD switch
- Optimum drilling progress due to electronically controlled soft start and LED display
- In the event of overload shutdown, the motor is immediately ready for use again after restarting
- Low operating costs due to easy-to-maintain rinsing head



| Model | Weight | PU | No. |
|----------------|-----------|----|---------|
| RODIADRILL 500 | 12.100 kg | 1 | FF40400 |

Technical Data

| | |
|--------------|---------|
| Input power | 4,000 W |
| Output power | 3,000 W |
| Speed | 785 rpm |



No. FF40150



No. 1000003978



No. FF35028



No. FF35700



No. FF35200



No. FF40056



SPEED STAR DX



DX High Speed Plus

| Accessories | Page | No. |
|---------------------------------|------|---------|
| RODIADRILL Ceramic | 55 | FF40150 |
| Pressurized water container 10l | 67 | FF35028 |
| Vacuum pump RODIA-VAC | 66 | FF35200 |

| Accessories | Page | No. |
|-----------------------------------|-------|------------|
| RODIA DW CLEANER M | 69 | 1000003978 |
| Water collecting ring, stationary | 68 | FF35700 |
| Drill bits | 61–65 | |

RODIACUT 400 / RODIADRILL 500

RODIACUT 400 drill stand with combination drill mounting plate and RODIADRILL 500 drill motor for drilling Ø 32–400 (500)¹ mm in reinforced concrete

2 applications in one unit:

Ø 32–400 mm for stationary wet drilling in (reinforced) concrete,
Ø 32–400 mm for stationary dry drilling in masonry

Application Benefits

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

2 applications with one device!

Distance plate optional (No. FF35136)

To enlarge the drill hole diameter from Ø 400 to 500 mm with RODIACUT 400 PRO



Technical Data

| | |
|------------------------|---------|
| Input power | 4,000 W |
| Output power | 3,000 W |
| Drilling stroke | 430 mm |
| Drilling area concrete | 400 mm |
| Drilling area masonry | 400 mm |

4 × roll guides

Precise and low vibration operation, flexible use / module concept

Drill angle adjustments

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

Rubber transport wheels

Quick and easy transport on the building site

Set (No. FF34500) includes: drill stand RODIACUT 400 PRO (No. FF30030), drill motor RODIADRILL 500 (No. FF40400), tool bag (No. FF70001), spanner SW19 DIN895 (No. FF70019N), spanner SW24 DIN894 (No. FF70024), spanner SW32 DIN894 (No. FF70032), spanner SW41 DIN894 (No. FF70041), concrete fixing-set (No. FF35120), water supply hose + adaptor for Gardena coupling (No. FF35302), hammer drill SDS Plus 15 × 160 mm (No. 111429), copper ring 1.1/4" (No. FF35190), instruction manual drill stand RODIACUT 400 PRO (No. 1300002467), instruction manual RODIADRILL 500 (No. 1300002468), earplugs SaveRave (No. 4100000439), rubberized gloves (No. 4100000443), safety goggles HC/AF (No. 4100000441)

| Model | Weight | PU | No. |
|--|-----------|----|---------|
| Drill system RODIACUT 400 RODIADRILL 500 | 40.500 kg | 1 | FF34500 |
| Drill system RODIACUT 400 RODIADRILL 500 | 28.400 kg | 1 | FF30030 |
| Drill system RODIACUT 400 RODIADRILL 500 | 12.100 kg | 1 | FF40400 |



No. FF35029



No. FF35028



No. FF35190



No. FF35120



Extensions



SPEED STAR DX



DX High Speed Plus

Accessories

| | Page | No. |
|---------------------------------|-------|---------|
| Pressurized water container 10l | 67 | FF35028 |
| Fixing set | 66 | FF35120 |
| Drill bits | 61–65 | |

Accessories

| | Page | No. |
|---------------------------|------|---------|
| Distance plate 60 mm | | FF35136 |
| Copper rings 1.1/4" | 67 | FF35190 |
| Extensions for drill bits | 68 | |

High Speed Plus Natural Stone

Soldered diamond core wet cutting drill bit between Ø 6–67 mm for extremely hard materials

Special wet drill bits for drilling in natural stone, granite, marble, (double) baked brick, masonry, (reinforced) concrete, glass or hollow brickwork from Ø 6–67 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

Application Benefits

- Extremely easy cuts, very long service life through 9 mm high segments
- Suitable for all ROTHENBERGER drilling machines
- Balanced rotation reduces wear
- Drilling even through material combinations possible
- Drill holes on the seam or edge of material possible with the use of diamond rings
- Conventional G 1/2" threaded attachments

Suitable for all other drilling systems with G 1/2" and 1.1/4" UNC!



Technical Data

| Drill bits | Segments |
|-------------------------|---------------|
| Ø 6–40 mm | Ring segments |
| Ø 45–67 mm ¹ | 4–6 |

1) Single segment mounting from Ø 45 mm

9 mm high segments with high diamond concentration

Extremely easy cutting, very long service life in granite tiles



Overwound drill bits

Balanced rotation reduces wear

Threaded adaptor G 1/2"

Suitable for all other ROTHENBERGER drilling machines

Drilling of the hardest materials



Reinf. concrete



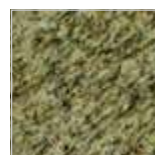
Marble



Granite



Green granite



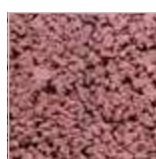
Hollow brickwork



Masonry



Aerated concrete



Asphalt



Suitable for



RD 160

RD Ceramic



RD 200

| Model | Weight | PU | Adaptor G 1/2" No. |
|---|----------|----|--------------------|
| High Speed Plus natural stone G1/2", D = 6,3 mm, NL = 55 mm | 0.170 kg | 1 | FF44806 |
| High Speed Plus natural stone G1/2", D = 8,3 mm, NL = 55 mm | 0.170 kg | 1 | FF44808 |
| High Speed Plus natural stone G1/2", D = 10 mm, NL = 55 mm | 0.170 kg | 1 | FF44810 |
| High Speed Plus natural stone G1/2", D = 12 mm, NL = 125 mm | 0.190 kg | 1 | FF44812 |
| High Speed Plus natural stone G1/2", D = 14 mm, NL = 125 mm | 0.200 kg | 1 | FF44814 |
| High Speed Plus natural stone G1/2", D = 15 mm, NL = 125 mm | 0.200 kg | 1 | FF44815 |
| High Speed Plus natural stone G1/2", D = 16 mm, NL = 125 mm | 0.190 kg | 1 | FF44816 |
| High Speed Plus natural stone G1/2", D = 20 mm, NL = 125 mm | 0.220 kg | 1 | FF44820 |

Core drilling

Core drill bits

High Speed Plus Natural Stone

| Model | Weight | PU | Adaptor G 1/2" No. |
|---|----------|----|--------------------|
| High Speed Plus natural stone G1/2", D = 22 mm, NL = 125 mm | 0.220 kg | 1 | FF44822 |
| High Speed Plus natural stone G1/2", D = 24 mm, NL = 125 mm | 0.220 kg | 1 | FF44824 |
| High Speed Plus natural stone G1/2", D = 30 mm, NL = 125 mm | 0.250 kg | 1 | FF44830 |
| High Speed Plus natural stone G1/2", D = 35 mm, NL = 125 mm | 0.290 kg | 1 | FF44835 |
| High Speed Plus natural stone G1/2", D = 40 mm, NL = 125 mm | 0.340 kg | 1 | FF44840 |
| High Speed Plus natural stone G1/2", D = 50 mm, NL = 125 mm | 0.600 kg | 1 | FF44850 |
| High Speed Plus natural stone G1/2", D = 55 mm, NL = 125 mm | 0.570 kg | 1 | FF44855 |
| High Speed Plus natural stone G1/2", D = 60 mm, NL = 125 mm | 0.720 kg | 1 | FF44860 |
| High Speed Plus natural stone G1/2", D = 67 mm, NL = 125 mm | 0.790 kg | 1 | FF44867 |

DX-HIGH SPEED Plus universal drill bits

Space welding universal wet and dry drill bits Ø 20–300 mm

Wet and dry drill bits for drilling in reinforced concrete, asphalt, masonry as well as lime sand brick for Ø 20–300 mm
Typical areas of application are HVAC&R and electronic installations, old building renovations, building industry, air-conditioning technology, garden and landscaping

Application Benefits

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

Highest service life and universal application!



Technical Data

| Drill bits | Segments G 1/2" | Segments G 1.1/4" UNC |
|--------------|-----------------|-----------------------|
| Ø 20–40 mm | 1 | ○ |
| Ø 30–62 mm | ○ | 1–6 |
| Ø 42–62 mm | 4–6 | ○ |
| Ø 72–92 mm | 7–8 | 7–8 |
| Ø 102–152 mm | 8–11 | 9–12 |
| Ø 162–182 mm | ○ | 12–14 |
| Ø 200–300 mm | ○ | 14–20 |

Extremely easy cuts, safe cuts in hand operated use

Special segment mix

Quicker drilling progress and extremely long service life



Space welding

Allows wet and dry use

Overwound drill bits

Balanced rotation reduces wear

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

Suitable for all other ROTHENBERGER drilling machines



¹ When used as a dry drill, we recommend: RODIA DW CLEANER M (No. 1000003978)

Hollow brickwork

Marble

Reinf. concrete

Masonry

Pavement

Lime sand brick



DX-HIGH SPEED Plus universal drill bits



Suitable for all other drilling systems with G 1/2" and 1.1/4" UNC!

| Model | Weight | PU | Adaptor G 1/2" No. |
|---|----------|----|--------------------|
| DX High Speed Plus G1/2", D = 20 mm, NL = 300 mm | 0.500 kg | 1 | FF44620 |
| DX High Speed Plus G1/2", D = 30 mm, NL = 300 mm | 0.600 kg | 1 | FF44630 |
| DX High Speed Plus G1/2", D = 40 mm, NL = 300 mm | 0.700 kg | 1 | FF44640 |
| DX High Speed Plus G1/2", D = 52 mm, NL = 300 mm | 0.895 kg | 1 | FF44650 |
| DX High Speed Plus G1/2", D = 62 mm, NL = 300 mm | 1.160 kg | 1 | FF44660 |
| DX High Speed Plus G1/2", D = 72 mm, NL = 300 mm | 1.420 kg | 1 | FF44670 |
| DX High Speed Plus G1/2", D = 82 mm, NL = 300 mm | 1.600 kg | 1 | FF44680 |
| DX High Speed Plus G1/2", D = 92 mm, NL = 300 mm | 1.900 kg | 1 | FF44690 |
| DX High Speed Plus G1/2", D = 102 mm, NL = 300 mm | 2.180 kg | 1 | FF44700 |
| DX High Speed Plus G1/2", D = 112 mm, NL = 300 mm | 2.400 kg | 1 | FF44710 |
| DX High Speed Plus G1/2", D = 122 mm, NL = 300 mm | 2.600 kg | 1 | FF44720 |
| DX High Speed Plus G1/2", D = 132 mm, NL = 300 mm | 2.900 kg | 1 | FF44730 |

| Model | Weight | PU | Adaptor G 1.1/4" UNC No. |
|---|-----------|----|--------------------------|
| DX High Speed Plus 1.1/4" UNC , D = 32 mm, NL = 430 mm | 0.700 kg | 1 | FF44030 |
| DX High Speed Plus 1.1/4" UNC , D = 40 mm, NL = 430 mm | 1.200 kg | 1 | FF44040 |
| DX High Speed Plus 1.1/4" UNC , D = 52 mm, NL = 430 mm | 1.600 kg | 1 | FF44050 |
| DX High Speed Plus 1.1/4" UNC , D = 62 mm, NL = 430 mm | 1.900 kg | 1 | FF44060 |
| DX High Speed Plus 1.1/4" UNC , D = 72 mm, NL = 430 mm | 2.300 kg | 1 | FF44070 |
| DX High Speed Plus 1.1/4" UNC , D = 82 mm, NL = 430 mm | 2.600 kg | 1 | FF44080 |
| DX High Speed Plus 1.1/4" UNC , D = 92 mm, NL = 430 mm | 3.000 kg | 1 | FF44090 |
| DX High Speed Plus 1.1/4" UNC , D = 102 mm, NL = 430 mm | 3.400 kg | 1 | FF44100 |
| DX High Speed Plus 1.1/4" UNC , D = 112 mm, NL = 430 mm | 3.800 kg | 1 | FF44110 |
| DX High Speed Plus 1.1/4" UNC , D = 122 mm, NL = 430 mm | 4.180 kg | 1 | FF44120 |
| DX High Speed Plus 1.1/4" UNC , D = 125 mm, NL = 430 mm | 4.300 kg | 1 | FF44125 |
| DX High Speed Plus 1.1/4" UNC , D = 132 mm, NL = 430 mm | 4.600 kg | 1 | FF44130 |
| DX High Speed Plus 1.1/4" UNC , D = 142 mm, NL = 430 mm | 5.000 kg | 1 | FF44140 |
| DX High Speed Plus 1.1/4" UNC , D = 152 mm, NL = 430 mm | 6.400 kg | 1 | FF44150 |
| DX High Speed Plus 1.1/4" UNC , D = 162 mm, NL = 430 mm | 7.000 kg | 1 | FF44160 |
| DX High Speed Plus 1.1/4" UNC , D = 172 mm, NL = 430 mm | 7.500 kg | 1 | FF44170 |
| DX High Speed Plus 1.1/4" UNC , D = 182 mm, NL = 430 mm | 8.000 kg | 1 | FF44180 |
| DX High Speed Plus 1.1/4" UNC , D = 200 mm, NL = 430 mm | 9.000 kg | 1 | FF44200 |
| DX High Speed Plus 1.1/4" UNC , D = 220 mm, NL = 430 mm | 11.400 kg | 1 | FF44220 |
| DX High Speed Plus 1.1/4" UNC , D = 250 mm, NL = 430 mm | 13.600 kg | 1 | FF44250 |
| DX High Speed Plus 1.1/4" UNC , D = 300 mm, NL = 430 mm | 19.300 kg | 1 | FF44300 |

SPEED STAR DX

Space welding wet and dry drill bits between Ø 10–500 mm

Wet and dry drill bits for asphalt, masonry as well as natural and artificial stone between Ø 10–500 mm

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

Application Benefits

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



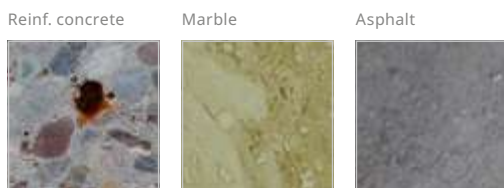
Technical Data

| Drill bits | Segments |
|--------------|----------|
| Ø 10–38 mm | 1 |
| Ø 40–55 mm | 1–6 |
| Ø 56–102 mm | 6–8 |
| Ø 107–142 mm | 9–11 |
| Ø 142–182 mm | 11–14 |
| Ø 182–250 mm | 14–16 |
| Ø 300–500 mm | 16–26 |

Special drill bits for asphalt, pavement as well as special lengths up to 1,000 mm available upon request !



¹ When used as a dry drill, we recommend: RODIA DW CLEANER M (No. 1000003978)



PRISMACUT
For better drill behaviour



Extremely high diamond concentration
Faster drilling progress

Overwound drill bits
Balanced rotation reduces wear

Threaded adaptor G 1/2" and 1.1/4" UNC
Suitable for all other ROTHENBERGER drilling machines

| Model | Weight | PU | Adaptor G 1/2" No. |
|--|----------|----|--------------------|
| SPEED STAR DX, G1/2", D = 10 mm, NL = 400 mm | 0.320 kg | 1 | FF00610 |
| SPEED STAR DX, G1/2", D = 12 mm, NL = 400 mm | 0.315 kg | 1 | FF00612 |
| SPEED STAR DX, G1/2", D = 16 mm, NL = 400 mm | 0.360 kg | 1 | FF00616 |
| SPEED STAR DX, G1/2", D = 18 mm, NL = 400 mm | 0.365 kg | 1 | FF00618 |
| SPEED STAR DX, G1/2", D = 20 mm, NL = 400 mm | 0.435 kg | 1 | FF00620 |
| SPEED STAR DX, G1/2", D = 25 mm, NL = 400 mm | 0.470 kg | 1 | FF00625 |
| SPEED STAR DX, G1/2", D = 32 mm, NL = 400 mm | 0.590 kg | 1 | FF00632 |
| SPEED STAR DX, G1/2", D = 40 mm, NL = 400 mm | 0.780 kg | 1 | FF00640 |
| SPEED STAR DX, G1/2", D = 46 mm, NL = 400 mm | 0.835 kg | 1 | FF00645 |
| SPEED STAR DX, G1/2", D = 52 mm, NL = 400 mm | 0.980 kg | 1 | FF00650 |
| SPEED STAR DX, G1/2", D = 56 mm, NL = 400 mm | 1.330 kg | 1 | FF00655 |

SPEED STAR DX



Suitable for all other drilling systems with G 1/2" and 1.1/4" UNC!



2

| Model | Weight | PU | Adaptor G 1/2" No. |
|---|----------|----|--------------------|
| SPEED STAR DX, G1/2", D=66 mm, NL=400 mm | 1.300 kg | 1 | FF00665 |
| SPEED STAR DX, G1/2", D=76 mm, NL=400 mm | 1.900 kg | 1 | FF00675 |
| SPEED STAR DX, G1/2", D=82 mm, NL=400 mm | 2.070 kg | 1 | FF00680 |
| SPEED STAR DX, G1/2", D=102 mm, NL=400 mm | 2.510 kg | 1 | FF00700 |
| SPEED STAR DX, G1/2", D=112 mm, NL=400 mm | 2.940 kg | 1 | FF00710 |
| SPEED STAR DX, G1/2", D=132 mm, NL=400 mm | 3.470 kg | 1 | FF00730 |

| Model | Weight | PU | Adaptor G 1.1/4" No. |
|---|-----------|----|----------------------|
| SPEED STAR DX 1.1/4" UNC, D=25 mm, NL=430 mm | 0.860 kg | 1 | FF00025 |
| SPEED STAR DX 1.1/4" UNC, D=30 mm, NL=430 mm | 0.950 kg | 1 | FF00030 |
| SPEED STAR DX 1.1/4" UNC, D=46 mm, NL=430 mm | 1.180 kg | 1 | FF00045 |
| SPEED STAR DX 1.1/4" UNC, D=52 mm, NL=430 mm | 1.650 kg | 1 | FF00050 |
| SPEED STAR DX 1.1/4" UNC, D=56 mm, NL=430 mm | 1.750 kg | 1 | FF00055 |
| SPEED STAR DX 1.1/4" UNC, D=66 mm, NL=430 mm | 2.020 kg | 1 | FF00065 |
| SPEED STAR DX 1.1/4" UNC, D=76 mm, NL=430 mm | 2.420 kg | 1 | FF00075 |
| SPEED STAR DX 1.1/4" UNC, D=102 mm, NL=430 mm | 3.270 kg | 1 | FF00100 |
| SPEED STAR DX 1.1/4" UNC, D=112 mm, NL=430 mm | 3.710 kg | 1 | FF00110 |
| SPEED STAR DX 1.1/4" UNC, D=122 mm, NL=430 mm | 4.020 kg | 1 | FF00120 |
| SPEED STAR DX 1.1/4" UNC, D=132 mm, NL=430 mm | 5.150 kg | 1 | FF00130 |
| SPEED STAR DX 1.1/4" UNC, D=142 mm, NL=430 mm | 5.470 kg | 1 | FF00140 |
| SPEED STAR DX 1.1/4" UNC, D=152 mm, NL=430 mm | 6.020 kg | 1 | FF00150 |
| SPEED STAR DX 1.1/4" UNC, D=162 mm, NL=430 mm | 6.620 kg | 1 | FF00160 |
| SPEED STAR DX 1.1/4" UNC, D=200 mm, NL=430 mm | 8.550 kg | 1 | FF00200 |
| SPEED STAR DX 1.1/4" UNC, D=250 mm, NL=430 mm | 12.130 kg | 1 | FF00250 |
| SPEED STAR DX 1.1/4" UNC, D=280 mm, NL=430 mm | 17.600 kg | 1 | FF00280 |
| SPEED STAR DX 1.1/4" UNC, D=300 mm, NL=430 mm | 19.300 kg | 1 | FF00300 |
| SPEED STAR DX 1.1/4" UNC, D=350 mm, NL=430 mm | 21.000 kg | 1 | FF00350 |
| SPEED STAR DX 1.1/4" UNC, D=500 mm, NL=430 mm | 39.100 kg | 1 | FF00500 |

Core drilling

Core drilling accessories / Core drill bits

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.



1.1 kW motor power 85% Vacuum
200 l/min extraction volume

10 l extraction tank

Safety during power failure

Drill stand can only be mounted with a combination of vacuum plate and vacuum set!



| Model | Weight | PU | No. |
|---------------------------------|-----------|----|---------|
| RODIA-VAC incl. 10 l Tank, 230V | 20.000 kg | 1 | FF35200 |

Quick clamping column

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



| Model | Weight | PU | No. |
|---|----------|----|---------|
| Quick Clamping Column, operation 1.7 to 3.0 m | 9.000 kg | 1 | FF35015 |

Special diamond drills for tiles and natural stone



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

Special diamond drills

For tiles and natural stone



| Model | Weight | PU | No. |
|---|----------|----|---------|
| High Speed Plus natural stone G1/2", D = 15 mm, EL = 125 mm | 0.200 kg | 1 | FF44815 |
| High Speed Plus natural stone G1/2", D = 20 mm, EL = 125 mm | 0.220 kg | 1 | FF44820 |

Vacuum sets



| Model | Weight | PU | No. |
|-------------------------------------|----------|----|---------|
| Vacuum Set for RODIACUT 202DWS/270C | 1.115 kg | 1 | FF35740 |
| Vacuum set for RODIACUT 131/170-C | 1.100 kg | 1 | FF35710 |

Fixing set concrete / masonry



Set (No. FF35120) includes: knurled thread rod type G-B 160 mm, screw thread M 12 / 20 mm (No. FF35129), U-washer (No. FF70166), winged nut M 12 (No. FF55150), 25 x drive-in anchor M 12 (No. FF35122) and drive-in iron (No. FF35128)

Set (No. FF35121) includes: 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 (reusable) (No. FF35126) and drive-in iron (No. FF35128)

| Model | Weight | PU | No. |
|---------------------|----------|----|---------|
| Fixing set concrete | 1.000 kg | 1 | FF35120 |
| Fixing set masonry | 1.100 kg | 1 | FF35121 |

Thread interfaces

Between motor connection and drill bit



| Model | Weight | PU | No. |
|--|----------|----|---------|
| Thread adaptor 1.1/4" UNC(I) to G1/2"(I) | 0.700 kg | 1 | FF35095 |
| Thread adaptor G1/2" to 1.1/4" UNC | 0.500 kg | 1 | FF35080 |

Copper rings

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



| Model | Weight | PU | No. |
|---------------------|----------|----|---------|
| Copper rings 1.1/4" | 0.050 kg | 1 | FF35190 |

SDS-plus hammer drill

For drilling in granite, concrete, concrete reinforcement, clinker, stone, masonry and marble



| Model | Weight | PU | No. |
|-----------------------------------|----------|----|--------|
| SDS-plus hammer drill 15 x 160 mm | 0.160 kg | 1 | 111429 |
| SDS-plus hammer drill 20 x 450 mm | 0.060 kg | 1 | 111450 |

Water supply

The sturdy 10 liter pressurized water container made of steel 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.

Application Benefits

- Robust steel tank designed for a long service life
- Pressure gauge with display, ideal for setting the water pressure
- 2.5 meters connection hose with quick-connect coupling, drip-free connection to drilling motors
- 10 liters of water, can support 3-4 drilling
- Metal hose connection



| Model | Weight | PU | No. |
|---|----------|----|---------|
| Pressurized water container capacity 10 l | 5.500 kg | 1 | FF35028 |
| Water supply for RODIADRILL | 0.200 kg | 1 | FF35301 |
| Water supply hose with Aqua-Stop | 0.111 kg | 1 | FF35302 |

Water extraction systems

The dirty cooling water is extracted in connection with a wet and dry vacuum (No. 100003978)

Application Benefits

- Fast, tool-free attachment to the RODIACUT 150 / 250 drill stand, thanks to integrated metal clamps
- Replaceable rubber membranes serve as splash protection, ideal for different drill bit dimensions
- Sealing rubber at the bottom of the water suction ring ensures tightness and thus leakage protection



No. FF35700



No. FF35730

| Model | Weight | PU | No. |
|--|----------|----|---------|
| Water collection ring for RODIACUT 131 DWS, 150 and 170 C stationary, up to Ø 132 mm | 1.200 kg | 1 | FF35700 |
| Water collection ring for RODIACUT 202 DWS, 250 and 270 C stationary, up to Ø 200 mm | 2.500 kg | 1 | FF35730 |

Extensions for drill bits 1.1/4" UNC

The robust steel extensions can be used to quickly increase the drilling depth. Extensions with the same coupling can be linked together

Application Benefits

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



| Model | Weight | PU | No. |
|-------------------------|----------|----|---------|
| 1.1/4" UNC, EL = 100 mm | 1.000 kg | 1 | FF35060 |
| 1.1/4" UNC, EL = 200 mm | 2.000 kg | 1 | FF35065 |
| 1.1/4" UNC, EL = 300 mm | 2.950 kg | 1 | FF35070 |
| 1.1/4" UNC, EL = 500 mm | 5.120 kg | 1 | FF35075 |

Extensions for drill bits G 1/2"

With this high-quality and robust drill bit extension made of steel and a threaded connection G 1/2", the drilling depth can be extended safely and reliably. All commercially available drill bits with this connection can use this extension.

Application Benefits

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



| Model | Weight | PU | No. |
|---------------------|----------|----|---------|
| G 1/2", EL = 100 mm | 0.400 kg | 1 | FF35040 |
| G 1/2", EL = 200 mm | 0.900 kg | 1 | FF35045 |
| G 1/2", EL = 300 mm | 1.400 kg | 1 | FF35050 |
| G 1/2", EL = 500 mm | 2.400 kg | 1 | FF35055 |

RODIADUST

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

Provides optimum extraction results in conjunction with RODIA DW CLEANER M (No. 100003978) and increases the drilling process, prevents jamming of drill bit and reduces segment wear.

Application Benefits

- Adaptor for drill bits 1.1/4" UNC for dust-free dry drilling in connection with dry vacuum cleaner and drill
- Reduces bit jamming and increases drilling progress
- Different vacuum cleaner connections possible via adapter piece



| Model | Weight | PU | No. |
|----------------------|----------|----|---------|
| RODIADUST 1.1/4" UNC | 1.900 kg | 1 | FF40056 |

RODIA DW CLEANER M

Especially good in combination with RODIADRILL 1800 DRY or the suction system RODIADUST from ROTHENBERGER. Optimum suction results and increases work progress, prevents tool jamming and reduces wear

**Constant extraction power!
Automatic filter-cleaning function!**

Application Benefits

- Compact wet and dry extraction unit with 4 casters for easy operation
- Dust protection class M for high cleaning efficiency
- High cleaning efficiency due to 2 polyester filter cassettes with up to 99.9% dust retention capacity
- High ease of use due to enormous working radius of 13 meters, 8 meters power cord and 5 meters suction hose
- Special suction hose, very robust and resistant in the daily works
- Automatic shaking of the filter cassettes ensures constant suction power
- Volume flow regulator and automatic socket for optimal ease of use

Technical Data

| | |
|-------------------------|----------|
| Voltage | 240 V |
| Sound power level (LwA) | 69 dB(A) |
| Power | 1,600 W |
| Hose length | 5 m |

Separate automatic outlet

Adaptor for further electric tools

High cleaning efficiency

2 polyester-filter cassettes with 99.9% dust retention

Dust protection class M

Allows working with hazardous dusts with a limit value $> 1 \text{ mg/m}^3$

User comfort with a wide operating range

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



| Model | Weight | PU | No. |
|--------------------|-----------|----|------------|
| RODIA DW CLEANER M | 12.200 kg | 1 | 1000003978 |