



Spindle connection

standard connection
for all attachments and
accessories

Motor

powerful, durable

Dust extraction*/ Water supply*

integrated

Additional handle

variable adjustment
on the collar



Lock-on button

protection against
accidental fixing

Metal gearbox

long service life

PUR-construction site cable*

for heavy duty use

- **Mechanical safety clutch***
protection of the user

- **Electronic**
soft start*
overload indication*
temperature control*
over current cut-off*
constant speed*
service indicator*

* not present on all models

CHARACTERISTICS OF DIAMOND CORE DRILLS

With a wide range of different diamond core drills EIBENSTOCK offers tailored solutions for diamond core drilling between diameter 3.5 and 450 mm. The comprehensive machine, drill and accessory program is not only convincing plumbers and electricians but also other craftsman all around the construction.

The **PowerLine**-Series is a specially designed machine concept for series drilling and continuous use in the construction and civil engineering.

Diamond dry soft percussion core drill ESD 1801

With soft percussion for hard materials up to Ø 90 mm

APPLICATION:

- Dry drilling up to Ø 90 mm for particularly hard materials, e.g. highly compressed limestone, reinforced concrete and other abrasive materials with a high working speed
- Producing of wall and roof openings for sanitary, heating and ventilation installations
- For electrical installation work – socket sinking, e.g. switches and sockets

FEATURES:

- Powerful motor
- Electronic – soft start
- Gearbox with switchable soft percussion – high working speed
- Mechanical safety clutch
- Additional handle – variable adjustment on the collar



adjustment ring for soft percussion



SPECIFICATIONS	ESD 1801
Power input	1800 W
Rated voltage	230 V ~
Rated speed	0-2050 rpm
No-load speed	0-3000 rpm
Blows	41000 bpm
Max. drilling diameter	90 mm
Spindle connection	M 18 male
Collar diameter	53 mm
Weight	5.9 kg
Order no.	03217000
Supplied	in a case without accessories





Diamond dry soft percussion core drill ESD 1801 – ACCESSORIES

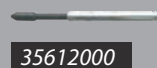
WITHOUT DUST EXTRACTION

Material



for brickwork, soft concrete

Centering shaft
spring loaded



35612000

Drill bit for socket outlets dry M 16



A Ø 68 mm and Ø 82 mm

Adapter

M 16 m - M 18 f

35512000

Adapter SDS



M 16 m - M 18 f incl. SDS drill bit

35514000

M 18 m



WITH DUST EXTRACTION HB

Material



for brickwork, soft concrete

Centering drill



35614000

Drill bit for socket outlets dry M 16



B Ø 68 mm and Ø 82 mm



for sand-lime brick



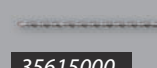
35614000



C Ø 68 mm and Ø 82 mm

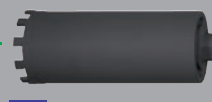


for reinforced concrete,
sand-lime brick



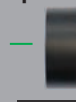
35615000

Diamond dry drill
bits M 16



G 150 mm
Ø 52-82 mm

Spacer



35241000
for Ø 52 mm

Dust
extraction HB



M 16 m - M 18 f

35242000

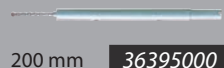
WITH DUST EXTRACTION M 18 - 1 1/4"

Material



for brickwork,
sand-lime brick

Centering rod



200 mm 36395000

450 mm 36391000

Diamond dry drill bits 1 1/4"



D 200 mm, Ø 82 mm

E 420 mm, Ø 52-82 mm

Dust
extraction



1 1/4" m - M 18 f

35230000

A B C D E G Diamond drill bits see page 53



Sharpening block
200 x 100 x 50 mm

35910000



Copper ring 1 1/4"
for easy removal of the drill bit

35450000 1 piece



Slider quick release ring 1 1/4"
for drill bits

35652000 1 piece



Hazardous dust (e. g. silica dust)
has to be suctioned by a Dust
Class M Vacuum Cleaner!
For our electric power tools
we are recommending to
use a Vacuum Cleaner of our
Eibenstock DSS range!

Centering shaft, spring loaded
for dust extraction H 35240000

35612000

70 mm

35613000

150 mm