

Core drill technology

BH 612 VR

Order no. 333.255



The robust compact core drilling machine for dry drilling

The newest entry in the FLEX dry drilling system can drill up to 120 mm into walls without hammering, thanks to its proven gear technology. Accessories broaden the use of the basic model - customised for electrical installation, for example. This facilitates dust-free work and faster progress.

Technical attributes	BH 612 VR
Power input	1500 Watt
Power output	1000 Watt
Machine connection	5/8"-16 UN
Speed under load 1st/2nd gear	0-1000 / 0-2500 rpm
Nominal torque 1st/2nd gear	9,5 / 3,8 Nm
Max. drilling Ø masonry	120 mm
Weight	4,10 kg

Standard equipment

1 handle	257.580
1 open-ended wrench SW 22	109.398
1 drill depth stop	251.047
1 clamp fitting with ratchet clip	259.490
1 plastic carry case	329.908

Advantages at a glance

- FLEX seven-fold microprocessor electronics: with consistent speed control by tachometer generator, soft start, accelerator trigger switch, restart protection after power interruption, overload protection, temperature monitoring, and speed selection
- Two-gear transmission: for speed-compatible working
- Additional handle: rotating auxiliary handle with stops to prevent turning
- Safety slip clutch: offers protection if the core drill is jammed
- Depth limit gauge: for precision drilling
- Machine connection: 5/8"-16 UN
- Clamping neck: 53 mm, suitable for application in drilling stands
- Quality shut-off carbon brushes: if the carbon brushes wear down, the motor will be automatically switched off and thus protected from damage

Accessories

Diamond drill bits for socket outlets with dust extractor for Quick-Snap



dry, M 16 inner thread, 4 segments, for masonry, with dust extraction for Quick-Snap system, effective length 80 mm

Diameter in QTY/PKG: Order no.
mm:

68 Ø	1	340.189
82 Ø	1	340.197

Core drill technology

Diamond drill bits with dust extractor for Quick-Snap



dry, M 16 inner thread, for masonry, with dust extraction for Quick-Snap system, effective length 400 mm

Diameter in QTY/PKG: Order no.
mm:

68 Ø	1	340.251
102 Ø	1	340.286
152 Ø	1	340.278

Suction rotor Quick-Snap



Extracts health-hazardous dusts and thereby increases the drill bit's service life. Connection for standard drill bits M 16, by tool-free drill bit exchange. Light rotor with excellent suction power; dry drilling is also possible with the same system without extraction. Quick and simple cleaning by tool-free removal of the suction unit. Connection dimensions 5/8" UN 16. Consisting of: Rotor and 1 drill adapter 340.235

QTY/PKG: Order no.

1	340.243
----------	----------------

Drill adapter Quick-Snap



For screwing onto the drill bits / drill bits for socket outlets.
Connection: M 16

QTY/PKG: Order no.

1	340.235
----------	----------------

Core drill technology

Centring mount Quick-Snap



Diamond drill bit for socket outlets, magnetic with drill

QTY/PKG: **Order no.**

1 **340.227**

Centring bar Quick-Snap



For diamond drill bits, effective length 400 mm, magnetic with drill. Without centring star

QTY/PKG: **Order no.**

1 **340.200**

Centring star Quick-Snap



For centring bar 340.200, fits drill bit Ø 68 mm

QTY/PKG: **Diameter in** **Order no.**
 mm:

1 **68 Ø** **340.162**



For centring bar 340.200, fits drill bit Ø 102 mm

QTY/PKG: **Diameter in** **Order no.**
 mm:

1 **102 Ø** **340.146**



For centring bar 340.200, fits drill bit Ø 152 mm

QTY/PKG: **Diameter in** **Order no.**
 mm:

1 **152 Ø** **340.111**

Core drill technology

Suction adapter for Quick-Snap



Adapter 32/36 mm, can be rotated, tapered, hard. To connect the 32 mm hose with the suction rotor 340.243.

QTY/PKG: Order no.

1 340.081

Adapter

Adapter 5/8"-16 UN to M 16 for connecting the machine directly to the drill bit

QTY/PKG: Order no.

1 255.424

Extension for centering aid

For drill bits with an effective length of 400 mm



QTY/PKG: Order no.

1 255.468

Centering aid with clamp fitting



For drill bits with an effective length of 180 mm

QTY/PKG: Order no.

1 259.491

Core drill technology

Sharpening stone for diamond tools



Dimensions **QTY/PKG:** **Order no.**
in mm:

320 x 160 x 30	1	251.756
-------------------	---	---------

Plastic multi-carrying case



Perfect fitting, impact resistant carrying case, universally adaptable for many different FLEX-Maschinen

QTY/PKG: **Order no.**

1	329.908
---	---------