

ROTARY HAMMERS, BREAKERS  
DIAMOND CORE DRILLS

**DUSS**

**NEW**

**DIA 250 HW  
DIAMOND CORE DRILL**

DRILLING WITH FEED.  
WITHOUT DRILL STAND.

# DIA 250 HW DIAMOND CORE DRILL FOR SEWER CONSTRUCTION AND CIVIL ENGINEERING.



**APPLICATIONS**

- Connection drilling in sewer pipes, manholes and collectors
- Drilling for house connections from the outside, also in insulated walls
- Drilling in confined, hard-to-reach places, e.g. with existing pipe installations, structural conditions such as ceiling projection or window lintel
- Drilling where the surroundings of the drilling site must not be damaged, e.g. by anchor holes
- Civil engineering and sewer construction, municipal construction, road and landscape construction

**FEED ROD WITH FASTENING CLAW**

The stable fastening claw ensures secure fastening of the feed rod to the sewer pipe. The hole is drilled to the center of the sewer pipe without additional alignment. The fastening claw is drilled over by the core bit. There is no damage to the sewer pipe.

**CONTINUOUS GUIDE ROD**

This outstanding machine feature enables the unique advantages of the DIA 250 HW. The hollow guide rod makes it possible to guide the feed rod centrally through the machine, thus compactly combining the advantages of hand-held and stand guided drilling.

**DECENTRALISED WATER SUPPLY**

The water supply is off-centre to the guide rod so that the water only arrives where it is needed.

**ERGONOMIC WORK**

As versatile as the applications are, as variable are the handle arrangements and machine positions of the DIA 250 HW.

**RELIABLE TORQUE ABSORPTION**

The torque that occurs during drilling is compensated for by the corresponding surfaces of the torque sleeve and the feed rod screwed to the substrate.



**DRILL CORE CATCHER**



The drill core is held securely on the feed rod and can be easily removed.

**DRILLING WITHOUT EFFORT**



Compact, lightweight drilling system for wet drilling in the sewer. The manual feed is generated by the handwheel and the continuous feed rod.

**FURTHER APPLICATIONS**



The optional VOS 2 feed rod can also be used for drilling holes in walls and floors.

**DRILLING WITH FEED**

The unique DUSS CLF (Centre Line Force) feed system combines the advantages of hand-held drilling with the convenience of stand guided drilling. The lightweight drilling unit can be used universally and, thanks to the manual feed integrated into the machine, enables energy-saving work. The force is applied centrally in the drilling axis by the continuous feed rod in the guide rod. It compensates the torque, ensures a securely guided, centred drill hole and holds the drill core.



**TECHNICAL DATA**      **DIA 250 HW**

Rated power	2000 W
Rated speed	565 rpm
Drilling range with diamond core bit	
hand-held	dia. 102 - 202 mm
with feed	dia. 102 - 257 mm
Machine weight	7.4 kg
Machine weight with feed system	11.4 kg
Chuck	1 1/4" UNC external

**UNIVERSAL IN THE SEWER**

The application possibilities of the DIA 250 HW are additionally extended by the fact that it is also possible to drill hand-held without the feed system, e.g. in thin-walled shaft rings and pipes, clay pipes, but without the advantages such as the torque absorption or the core holding function.

## STANDARD SPECIFICATION

### ORDER-NO. DIA 250 HW

Standard specification: DUSS DIA 250 HW diamond core drill with PRCD circuit breaker, VOS feed rod 1 incl. 4 concrete screws, SW 30/32 double open-end wrench, SW 41 open-end wrench, dry lubricant spray, carrying case.



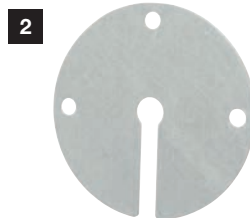
## DIAMOND CORE BITS AND ACCESSORIES



### 1 - CHL DIAMOND CORE BIT

1 1/4" UNC

Drilling dia. mm	Working length mm	ORDER-NO.
102	350	CHL 102
152	350	CHL 152
186	350	CHL 186
200	350	CHL 200
226	300	CHL 226
257	300	CHL 257



### 2 - ZS CENTRING DISC

ORDER-NO.
ZS 102
ZS 152
ZS 186
ZS 200
ZS 226
ZS 257

**1 - 1 1/4" UNC CHL DIAMOND CORE BITS**  
with 11 mm premium roof-shaped segments, optimiert zum Bohren mit Vorschub

### APPLICATIONS

- For wet drilling
- In concrete, reinforced concrete, highly compacted sand-lime brick and masonry

### FEATURES

- Maximum drilling progress
- Best cutting endurance, long service life
- Smooth pilot drilling and high concentricity thanks to exact segment positioning

### 2 - ZS CENTRING DISC

required for drillings with feed, for better centring and stability



### VOS 1 FEED ROD

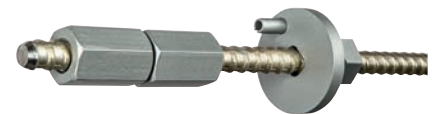
for fastening the DIA 250 HW for connecting holes in sewer pipe from drilling dia. 122 mm, incl. 4 concrete screws

ORDER-NO. VOS 1



### CONCRETE SCREWS

10 x 90 mm, 25 pieces  
ORDER-NO. BO 1090



### VOS 2 FEED ROD

for fixing the DIA 250 HW, e.g. for drilling in walls or floors

ORDER-NO. VOS 2



### CENTRING ROD

for fastening the DIA 250 HW for connecting holes in sewer pipe from drilling dia. 122 mm, incl. 4 concrete screws

ORDER-NO. ZSTH

### DUSS POWER TOOLS - YOUTUBE CHANNEL

On our DUSS YouTube Channel we show you practical application videos about core drilling with our DIA 250 HW the topic of core drilling and its application and mounting possibilities.

