

fischer 

Hollow drill bit FHD.
For drilling with low dust
as well as for efficient
and approved anchoring.

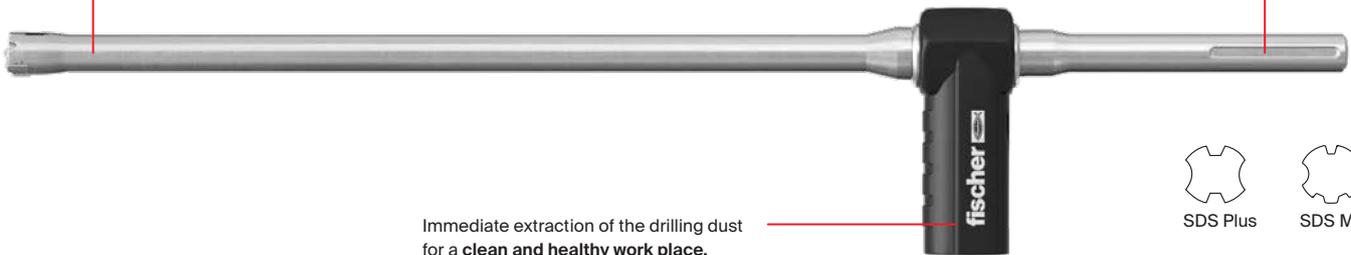


Hollow drill bit FHD.

For drilling with low dust as well as for efficient and approved anchoring.

Drilling and drill hole cleaning in one single step saves a lot of time for the anchoring.

Suitable for SDS Plus and SDS Max.



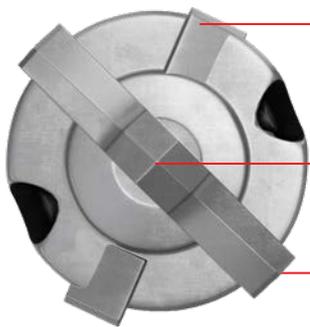
Immediate extraction of the drilling dust for a clean and healthy work place.



SDS Plus



SDS Max



Precision ground tips of carbide metal boards for a fast drilling progress.

Centering tip allows for accurate positioning on uneven surfaces reducing slip.

Wear marks on the drill head for easy identification of the wear limit according to PGM.



Drilling tip FHD
Ø 8 - 10 mm



Drilling tip FHD
Ø 12 - 14 mm



Drilling tip FHD
Ø 16 - 18 mm
Drilling tip FHD Max
Ø 16 - 35 mm

Overview of advantages

- No conventional cleaning necessary for chemical and mechanical anchoring systems. (With corresponding ETA approval).
- Halving assembly time for more productivity on the construction site.
- Automatic drill hole cleaning ensures safe installation of anchorages and reduces the risk of fixing failure.
- Reducing the drill dust prevents jamming when drilling which provides a faster and frictionless drilling progress.
- Clean and health-friendly work for immediate extraction of drilling dust at the drill bit tip.
- Simple and accurate spot drilling due to the centring tip.

Certificates



Prüfgemeinschaft
Mauerbohrer



More information:
www.fischer-international.com

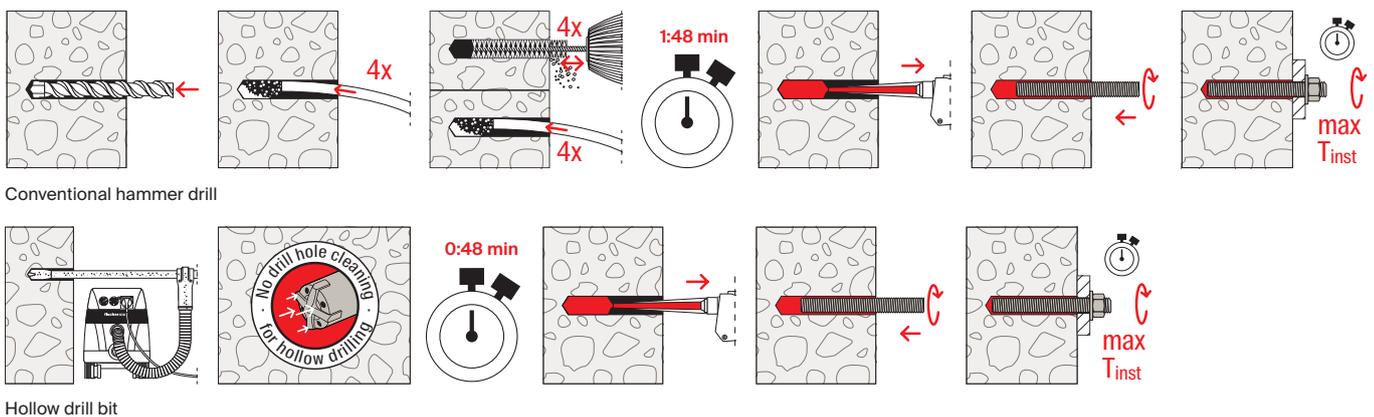
Function and comparison.



Function

- The drill dust is evacuated directly at the drilling tip due to the vacuum drill system and the hollow cylindrical shaft.
- The hollow drill bit has to be used in combination with a vacuum cleaner of the dust class M.
- The hollow drill bit connects with the usual SDS Plus and SDS Max hammer drill bits.

Comparison: Conventional hammer drill bit vs. Hollow drill bit

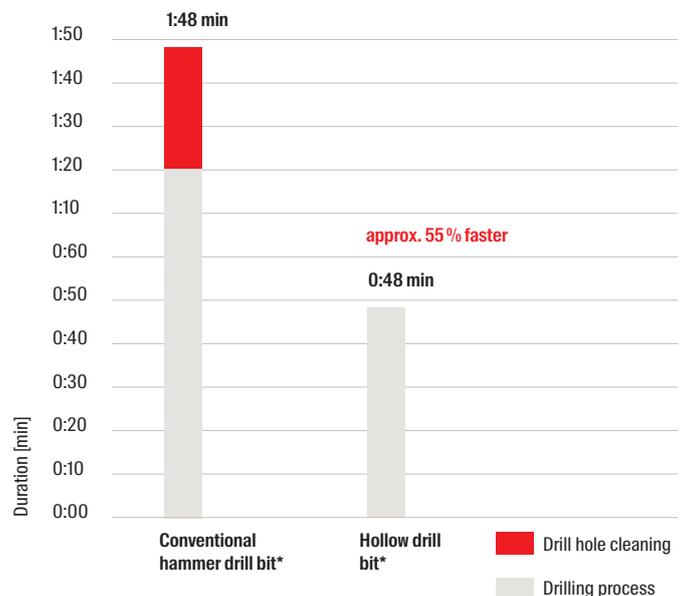


Practical test

Due to the elimination of time-consuming drill hole cleaning by using a hollow drill bit, only about half the installation time is required compared to conventional hammer drills.

When using the Fischer hollow drill bit, additional parallel work, e.g. in the electronics area, is possible due to the clean working environment. This increases productivity on the construction site.

Furthermore, costs for the cleaning equipment like cleaning brush, blow-out pump or compressed-air cleaning tool will be omitted.



*Tested with drill bit Ø 24 and drill hole depth of 140 mm.

Applications and assortment.

Applications



Subsequent rebar connection



High-bay warehouse



Bridge railing



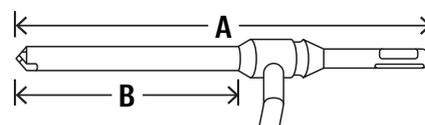
Bridge framework



Hospital



Manufacturing hall



Assortment

Hollow drill bit FHD

FHD



Detail:
Drilling tip FHD
ø 8 – 10 mm



Detail:
Drilling tip FHD
ø 12 – 14 mm



Detail:
Drilling tip FHD
Ø 16 – 18 mm
Drilling tip FHD Max
Ø 16 – 35 mm

Item	Item No.	Diameter [mm]	Total length (A) [mm]	Working length (B) [mm]	Connection	Contents	Packaging
FHD 8/100/230	559942	8	230	100	SDS-Plus	1	Clip
FHD 10/100/230	559943	10	230	100	SDS-Plus	1	Clip
FHD 12/200/330	546597	12	330	200	SDS-Plus	1	Clip
FHD 14/250/380	546598	14	380	250	SDS-Plus	1	Clip
FHD 16/250/380	546599	16	380	250	SDS-Plus	1	Clip
FHD 18/320/450	546600	18	450	320	SDS-Plus	1	Clip
FHD Max 16/400/620	546601	16	620	400	SDS-Max	1	Clip
FHD Max 18/400/620	546602	18	620	400	SDS-Max	1	Clip
FHD Max 20/400/620	546603	20	620	400	SDS-Max	1	Clip
FHD Max 24/400/620	546604	24	620	400	SDS-Max	1	Clip
FHD Max 28/600/820	546605	28	820	600	SDS-Max	1	Clip
FHD Max 30/600/820	546606	30	820	600	SDS-Max	1	Clip
FHD Max 35/650/870	546607	35	870	650	SDS-Max	1	Clip

Health and safety.

Health

Dust occurs in many activities in the construction industry. These are usually mineral mixed dust, e.g. from sand, lime, gypsum, cement or concrete. Some of this mixed dust also contains quartz fine dust.

The quartz content in the fine dust can be very different and depends, among other things, on the material to be processed.

Why is dust dangerous?

Any dust can lead to diseases of the respiratory tract under high loads. In addition, quartz dust can cause silicosis and thus also lung cancer.

The absorption of high amounts of dust over a short period of time is particularly dangerous.

The mode of action of the dusts depends on

- the type of dust
- the duration and level of dust exposure
- from the place of deposition in the airways
- the particle size

Safety

Insufficient drill hole cleaning has negative effects on the fixing. With the hollow drill bit FHD the drill hole will be cleaned properly guaranteeing optimum function of the anchors.

Since the drill hole will be cleaned directly by the extraction system, no separate coat remains and the mortar connects perfectly with the building material.

Moreover, the full embedment depth can be used because there is no drilling dust left over in the drill hole.

This ensures an optimal functioning of chemical as well as mechanical anchors. Furthermore, the hollow drill bit is regulated by the ETA assessments of the chemical composite systems. The usage of hollow drill bits for mechanical fixings is always allowed.

Ideal for the use with chemical composite systems such as FIS V Plus, FIS EM Plus, FIS SB and several others.



Dealer:

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fischer stands for

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