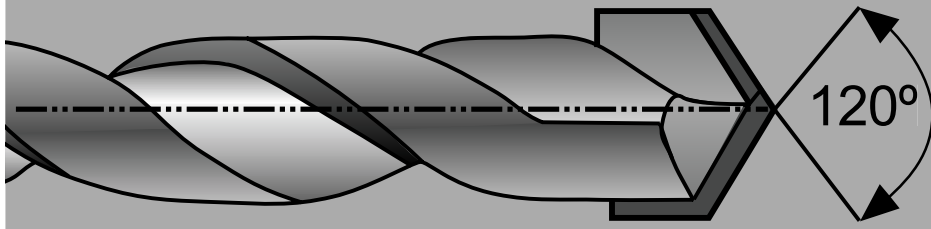


Tile Drill Bits KERAMIK for ceramics and fine stoneware

Dry drilling
up to scratch
hardness of 9



FINE STONEWARE - CERAMICS - FINE STONEWARE

Implementation:

- DIN 8039/ ISO 5468
- Asymmetric spiral shape
- Cutting drilling spiral for optimum spoil removal
- Straight flute entry
- Tungsten-titanium tip
- High-temperature brazing at about 1,120°C
- Burnished surface

For use in:



Ceramics,
Fine stoneware



Tiles,
Hard burnt brick



Not for hammer
action

Application:

- In all rotary and percussion drilling machines
- High contact pressure
- 20 seconds cooling time
- Only for rotary use
- Speed 1,500 to 2,000 rpm

The main factor determining the life of the drill bit is the hardness and quality of the ceramic tiles. On this basis it is possible to drill 10 to 100 holes with the KERAMIK without re-grinding.

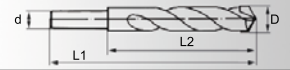
Re-grinding is easily possible; the instructions for this are available from the manufacturer free of charge.

With its new KERAMIK Tile Drill Bit KEIL has again set a new standard for specialist rotary drill bits.

The supply with this innovative carbide plate starts in March 2003.
The sizes 8 and 10 mm are designed up to a scratch hardness of 8 (see catalogue on page 32).

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Tile Drill Bits KERAMIK



D Drilling ø mm	D Drilling ø inch	L2 Work. L. mm	L1 Total L. mm	d Shank ø mm	VE Pack.- Unit	Order No.	Price €
4,0	5/32	40	75	3,6	25	151 016 040	2,82
5,0	3/16	50	85	4,6	25	151 016 050	3,05
6,0	15/64	60	100	5,6	25	151 016 060	3,35

A new technology makes it possible to drill into even the hardest ceramic material, fine stoneware, tiles and hard burnt brick up to a scratch hardness of 9.

- The KERAMIK has an extremely hard and sharp carbide bit with a hardness which has never been used before. This leads to intended microscopic breakouts on the cutting edges during use which thus provide a cutting edge which stays sharp.
- The tungsten-titanium tip is a diamond-ground special carbide plate. The special grind has been adapted for the drilling of particularly dense materials and guarantees a long life.
- Low-stress high-temperature brazing at 1,120°C prevents detaching of the carbide plate even under the most extreme loads.

