



Perfect for.....

The fastest, simplest solution for small diameter holes - simply push, cool and drill

A Purpose Designed Tip Tolerances

Holes are produced slightly oversized in the tile. Allows fixings to be secured and expanded in the material behind the tile, not on the tile edge itself, reducing the risk of cracked tiles

B P100 Grade Tungsten Carbide Tip

P100 grade tungsten carbide tip provides durability when drilling in the hardest of tile materials

C Unique Head Geometry

Unique geometry of the cutting head allows the drill bit to rapidly cut through the materials without burning or glazing the tile

D Diamond Ground 'Drill Tip'

4 unique grinds to the top of the drill tip mean the drill 'bites' into the tile providing a 'point & push' start up with no leaning in required and no wander on the tile. Accurate holes are produced exactly where required.

PTC Carbide can be used in:

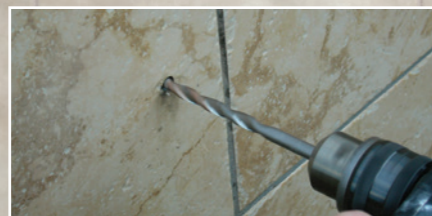
- Plaster-backed wall tiles
- Ceramic
- Natural slate
- Travertine
- Marble
- Granite
- Quarry tiles
- Porcelain

PTC Carbide is ideal when drilling holes in tile for:

- Fixing holes



PTC Carbide shown with water cooling system, quickly producing a hole in porcelain tile



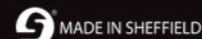
A hole is being produced in the substrate behind the tile with a suitable drill bit for the material being drilled



A fixing hole is formed quickly in any type of tile

DID YOU KNOW?

PTC Carbide has been



since 2003 & produced to Armeg's own in-house designs. PTC Carbide revolutionised the porcelain tile drilling industry, giving tradesman a solution to drilling previously 'un-drillable' tiles

TECH TIP!

Water cooling is required when drilling porcelain tiles. See page 101 for water delivery systems and adaptors for use with PTC Carbide

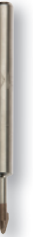
Scan me for demo video



PTC Carbide - Straight Shank

Diameter Size mm	Overall Length mm	Working Length mm	Max. Recommended Tile Thickness	Part Number
5.0	113	13	6.0	CTCP5.0
6.0	113	13	7.75	CTCP6.0
6.5	113	13	8.0	CTCP6.5
7.0	113	13	9.25	CTCP7.0
8.0	113	13	11.5	CTCP8.0
10.0	113	13	13.0	CTCP10.0

PTC Carbide Drill Bits are supplied with the equivalent size masonry drill bit



PTC Carbide - Straight Shank Multi-Packs

Diameter Size mm	Overall Length mm	Working Length mm	Max. Recommended Tile Thickness	Part Number
5.0	113	13	6.0	CTCSET5.0
6.0	113	13	7.75	CTCSET6.0
6.5	113	13	8.0	CTCSET6.5
7.0	113	13	9.25	CTCSET7.0
8.0	113	13	11.5	CTCSET8.0
10.0	113	13	13.0	CTCSET10.0

PTC Carbide Multi-Packs contain 4 X PTC Carbide drill (in chosen diameter), plus 1 X equivalent size masonry drill bit



PTC Carbide - SDS Plus Shank

Diameter Size mm	Overall Length mm	Working Length mm	Max. Recommended Tile Thickness	Part Number
6.0	113	13	7.75	CTCS6.0
7.0	113	13	9.25	CTCS7.0
8.0	113	13	11.5	CTCS8.0

SDS Plus Shank PTC Carbide Drill Bits are supplied with the equivalent size SDS Plus hammer drill bit

*Please see page 99 for required water delivery solutions & adaptors



TECH TIP!

PTC Carbide can be used in softer tile (e.g. plaster-backed ceramic wall tile) when their useful life is exhausted in hard tiles such as porcelain



No impact / percussion should be used



When used with relevant adaptor and 3 Jaw Chuck, no impact



Water or suitable coolant should always be used

PTC Carbide should be used as close to 900 r.p.m as possible. The further you stray away from this speed in either direction, the quicker the drill will wear out

Have you tried? **PTC Diamond Crowns**



Offer an extended life option, perfect for applications that require many repeat holes drilling See page 95