



“Drill through the hardest surfaces with ease”

Description

The PorcelainPlus tungsten carbide bits were specifically designed for drilling quickly and efficiently through porcelain, glass, masonry, and other hard surfaces for a variety of applications. Their speed and durability distinguish them from other carbide bits. Same great performance in two different style bits:

PorcelainPlus Cyclone - Multi-Purpose Masonry/Tile Drill Bit **PorcelainPlus Speedbit** - Spear Point Glass/Tile Drill Bit

Features

- 3X Longer Life & 2X Faster than standard tile/glass/multipurpose bits
- Drill 10+ holes/bit*
- Average of 30 sec/hole*
- Quick & easy start up, no wandering
- Clean precise holes
- Can drill near edges without cracking substrate
- Use on glass and mirrors
- Use on masonry

*Based on PEI Class 5
porcelain tile with 1/4"
PorcelainPlus bits

PP Cyclone PP Speedbit



Best	Best
Best	Best
Best	Best
Better	Best
Better	Best
Good	Best
Good	Best
Best	Good



- Porcelain Tile
- Granite
- Marble
- Quartz
- Brick
- Concrete Block
- Ceramic Tile
- Glass Tile*
- Glass*
- Mirrors*
- Crystalized Glass*

RECOMMENDED FOR USE ON:

APPLICATIONS:

- Frameless Shower Doors
- Bathroom Partitions
- Bathroom Accessories
- Tile
- Masonry
- Decorative Glass*
- Glass*
- Mirrors*

* PorcelainPlus Speedbit is Recommended

Instructions (for maximum durability):

- 1) **DIP IN WATER** before drilling and about every 5 seconds during drilling (more often when going through harder materials). We find dipping in water is more effective at cooling the PorcelainPlus bits than spraying.
- 2) **FIRM PRESSURE: Let the bit do the work - Do not apply excessive pressure.** Place the drill bit on the specified mark, apply pressure, listen for a slight CRUNCH, and start your drilling process. Drill straight into hole and do not wiggle drill.
- 3) **USE PROPER DRILLING SPEED - Cyclone: 600rpms/Speedbit:2,300rpms** and slowed down while breaking through the hole. NOTE the higher speed for the Speedbit as most other spear point bits recommend slower speeds of 400-800rpms.

Step 1



Step 2



Step 3



- The Cyclone can be used in a Handheld or Hammer Drill. The Speedbit should only be used in a Handheld Drill.
- Do not use dull or damaged bit.
- Wear ANSI-approved safety goggles and heavy-duty work gloves during use and when handling bit.

Sizes:

DIAMETER	PP Cyclone				PP Speedbit							
	3/16"	3/16"	1/4"	1/4"	1/8"	3/16"	3/16"	1/4"	1/4"	5/16"	3/8"	1/2"
OVERALL LENGTH	3 1/2"	6"	4"	6"	2 3/8"	2 5/8"	6"	2 3/4"	6"	3"	3 1/8"	3 1/2"
CODE	PPCYC316	PPCYC316-6	PPCYC14	PPCYC14-6	PPSB18	PPSB316	PPSB316-6	PPSB14	PPSB14-6	PPSB516	PPSB38	PPSB12

The PorcelainPlus Speedbit is available in a 4-piece Variety Pack (1/8", 3/16", 1/4" & 5/16")
The PorcelainPlus Cyclone will also be available in a 3/16" x 4" length.