



“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 distinguishes themselves from other standard 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

### RECOMMENDED FOR USE ON:

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

### APPLICATIONS:

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

\* PorcelainPlus Speedbit® is Recommended

	PP Cyclone®	PP Speedbit®
	Best	Best
	Best	Best
	Best	Best
	Better	Best
	Better	Best
	Good	Best
	Good	Best
	Best	Good

## 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 markk, apply pressure, listen for a sligh 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.

See the PorcelainPlus Speedbit® in action:

## Sizes:

DIAMETER	PP Cyclone®		PP Speedbit®							
	3/16"	1/4"	1/8"	3/16"	3/16"	1/4"	1/4"	5/16"	3/8"	1/2"
OVERALL LENGTH	3 1/2"	4"	2 3/8"	2 5/8"	6"	2 3/4"	6"	3"	3 1/8"	3 1/2"
CODE	PPCYC316	PPCYC14	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", 3/16" x 6" length and in a 1/4" x 6" length.