



▶ **BBF - Agate mortars**

- 1 | Agate is a variety of quartz used for producing laboratory mortars. Thanks to the characteristics of the mineral used in their production, agate mortars are ideal for preparing samples of high purity by mixing and grinding semi-hard or hard substances:
- 2 | High hardness (7 in Mohs scale) and extreme resistance to abrasion avoiding sample contamination by particles detached from the mortar.
- 3 | High density (2.6 g/cm³), it means, low porosity, minimizing sample lost and reducing cross contamination between different samples.
- 4 | High resistance to chemical agents' action (acids, bases, organic

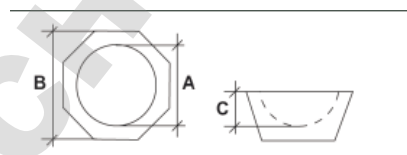
- solvents, etc.) except from the action of hydrofluoric acid and aqua regia.
- 5 | Nahita agate mortars present octagonal shape and are polished inside without defects, as well as the pestle.
- 6 | The external surface is uniformly sanding
- 7 | Mortars are supplied complete with pestle and pestles can also be acquired separately.
- 8 | Agate is a mixture of quartz microcrystals of different colors, in form of concentric bands; so it can present irregularities or imperfections typical of natural stones.

▶ **Agate mortars with pestle**



DIMENSIONS - agate mortars

A: Mortar diameter
B: Mortar width
C: Mortar height



Code	Capacity	Dimensions (BxAxC)	Pestle length
BBF001	5 mL	40x35x10 mm	52 mm
BBF002	15 mL	60x50x14 mm	59 mm
BBF003	30 mL	80x65x18 mm	63 mm
BBF004	70 mL	100x82x25 mm	81 mm
BBF005	140 mL	120x100x30 mm	101 mm
BBF006	150 mL	130x110x33 mm	107 mm
BBF007	150 mL	140x115x35 mm	110 mm
BBF008	200 mL	150x125x38 mm	116 mm
BBF009	275 mL	160x128x39 mm	120 mm
BBF010	375 mL	170x143x41 mm	135 mm
BBF011	500 mL	180x150x45 mm	150 mm
BBF012	750 mL	200x165x50 mm	155 mm

▶ **Agate pestles for mortars**



Code	Length	For mortar
BBR001	59 mm	60 mm
BBR002	63 mm	80 mm
BBR003	81 mm	100 mm
BBR004	101 mm	120 mm