



Agate mortars and agate pestle for mortars

Code **BBF001 - BBF010** / Code **BBR001 - BBR004**

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:

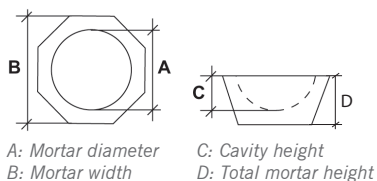
- High hardness (7 in Mohs scale) and extreme resistance to abrasion avoiding sample contamination by particles detached from the mortar.

- High density (2.6 g/cm³), it means, low porosity, minimizing sample lost and reducing cross contamination between different samples.

- High resistance to chemical agents' action (acids, bases, organic solvents, etc.) except from the action of hydrofluoric acid and aqua regia.

Nahita agate mortars present octagonal shape and are polished inside without defects, as well as the pestle. The external surface is uniformly sanding. Mortars are supplied complete with pestle and pestles can also be acquired separately.

NOTE: 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

Technical specifications

Code	Diameter	Dimensions (BxAxCxD)	Capacity	Hand length
BBF001	40 mm	50x40x12x25 mm	8 mL	40 mm
BBF002	60 mm	75x60x21x32 mm	34 mL	60 mm
BBF003	80 mm	100x80x24x37 mm	67 mL	80 mm
BBF004	100 mm	120x100x30x47 mm	130 mL	100 mm
BBF005	120 mm	140x120x34x52 mm	210 mL	120 mm
BBF006	130 mm	150x130x40x57 mm	290 mL	130 mm
BBF007	140 mm	160x140x45x62 mm	390 mL	140 mm
BBF008	150 mm	170x150x50x67 mm	500 mL	150 mm
BBF009	160 mm	180x160x55x72 mm	640 mL	160 mm
BBF010	170 mm	190x170x58x75 mm	760 mL	170 mm
BBF011	180 mm	200x180x60x77 mm	875 mL	180 mm
BBF012	200 mm	220x200x65x82 mm	1160 mL	200 mm



agate pestle for mortars

Technical specifications

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