Procedure to Sterilize Aluminum Bur Block

1. Sterilizers (Dry Heat, Autoclave and Chemiclave)
Operate sterilizer unit at 121 ºC high-pressure saturated steam for 15–20 minutes.

2. Ultrasonic Cleaning
Do not use ultrasonic solutions containing alkali products such as sodium hydroxide, potassium hydroxide, or hydroxides.

a. Always mix solutions according to instructions.
b. A five-minute cycle time is recommended.
c. Remove the burs from ultrasonic and rinse well with water.
d. Dry the bur block thoroughly before placing in sterilization pouches.
Always use light pressure with water and air spray when adjusting BruxZir® restorations to avoid micro-fractures.

A football-shaped bur is most effective for adjusting occlusion on the occlusal surfaces of posterior teeth and lingual surfaces of anterior teeth.

Using light pressure and no water, begin pre-polishing with the brown cup to remove abrasions left by the diamonds during adjustments. The brown cup can also be used alone for minor adjustments if you don’t want to use a diamond.

A tapered bur is most effective for adjusting cusps or proximal contacts.

Continue pre-polishing with the green cup until a more glossy look starts to appear on the adjustment areas.

A round bur is used to adjust a cusp fossa and for creating endodontic access.

Finally, use the white cup with light to medium pressure to achieve a “wet” high shine.