



Sybron Dental Specialties

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Use and Care Instructions

Axis Trimming and Finishing Carbides

Before cutting, make sure:

1. The instrument is inserted all the way into the chuck or the instrument tube. Warning: Do not extend the instrument from chuck. Loose or extended instruments could eject from the chuck or break and cause injury.
2. The instrument is securely tightened in hand-piece chuck or latched.
3. Handpiece drive air pressure does not exceed the manufacturer's recommended operating pressure.

For best results when cutting:

1. Run the hand-piece (rotate the instrument) prior to and after contact with the dental surfaces.
2. Use light pressure and a brushing motion.
3. Avoid using the instrument with a heavy transverse cutting pressure.

Caution:

1. Ideally, operative burs should be discarded after initial use.
2. Ideally, contaminated instruments (exposed to blood and/or saliva) should be discarded to avoid potential transfer of infectious organisms.

Should you wish to sterilize, validated methods are:

1. Autoclaving: Dip the instruments in a corrosion inhibitor such as 1% sodium nitrite, prior to the sterilization cycle. In the unwrapped condition, the instrument can be sterilized by a pre-vacuum flash or gravity flash steam sterilization, utilizing a steam sterilizer. For the Gravity Flash method, operate at full cycle with a dwell at 132°C minimum for 12 minutes. For the pre-vacuum Flash method, operate at full cycle with a dwell at 132°C minimum for 4 minutes.
2. Dry Heat: Operate the unit at a temperature of 190°C for 6 minutes.

A validated cleaning method:

1. Instruments can be ultrasonically cleaned when inserted in bur blocks or holders to prevent damage from rubbing or vibrating against each other or any hard surfaces. Recommend an ultrasonic cycle of 5 minutes using a general purpose cleaner.

Note: Following the sterilizing or cleaning methods, the dental burs made of carbide and steel should be dried and stored in a moisture free environment. This will reduce the possibility of corrosion that may weaken the joint of a carbide and steel bur.

Caution:

1. Avoid cold disinfectant solutions, as they are not intended to sterilize and they may contain corrosive agents that will degrade the performance and strength of the carbide bur.
2. Use all sterilizing devices according to the manufacturers recommended procedure. It is the users responsibility to ensure effective sterilization.

Warnings:

1. WARNING: This product contains nickel and should not be used on individuals with known allergic sensitivity to this metal

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