

Starcona, Accurate HTS Dental Zirconia



Instructions for use

PRODUCT DESCRIPTION:

Yttria Stabilized Tetragonal Zirconia (Y-TZ)

INDICATIONS FOR USE:

Starcona, Accurate HTS Dental Zirconia is an on - implantable, machinable Zirconia material intended for CAD/CAM fabrication of all ceramic dental restorations. The Starcona, Accurate HTS material is used for the manufacturing of inlays, on lays, veneers, single-unit anterior and posterior crowns, and 3 unit anterior bridges.

Directions for Use:

1. Inspect material (blank) for any damage (cracks, chips, etc.) before machining.
2. Fix the blank according to the milling system instructions.
3. Set the enlargement-factor and start machining.
4. After machining, dismount blank.
5. Remove the framework from blank, dedust, and dry framework completely.
6. Position framework in a sinter-bed inside the crucible.
7. Program furnace per manual and sintering parameters (above).
8. Sinter the framework and then remove after cooldown.
9. Inspect framework for flaws, wall thickness, seat and margin fit.
10. Make adjustments, if needed.
11. Rinse the restoration with clean water and dry with water-free, oil-free air.
12. It is now ready for veneering.

CONTRAINDICATIONS:

Starcona, Accurate HTS is contra indicated for any applications not indicated above. This material is not intended for use with individuals with an allergy/hypersensitivity to zirconia.

CAUTION:

For Prescription/Professional Use Only. Starcona, Accurate HTS is strictly for use by or on the order of a dental physician/professional. It is not intended for over-the-counter use or by the general public.

SAFETY PRECAUTIONS:

- Design the frameworks to maximize cross- sections
- Carefully read the MSDS for the material

Recommended Sintering Cycle:

- Room temperature to 1000° C @ 8° C per minute
- 1000° C to 1590° C @ 2° C per minute
- Hold at 1590° C for 180 minutes
- Rapid forced air cool or natural cool to room temperature

DISPOSAL:

Consult local inert ceramic powder disposal / transportation requirements/regulations for proper disposal methods.