

## Formulations

### **BruxZir®** **ANTERIOR** — SOLID ZIRCONIA —

The newest evolution in the BruxZir zirconia product line, BruxZir Anterior Milling Blanks are uniquely formulated to satisfy the functional and esthetic requirements of anterior and posterior crowns, and anterior and premolar bridges. Available in white plus five base shades designed to cover all 16 VITA® Classical shades through simple staining and glazing techniques, BruxZir Anterior delivers color and translucency similar to natural dentition while still exhibiting an average flexural strength of 625–675 MPa.

### **BruxZir®** Solid Zirconia Milling Blanks

BruxZir Solid Zirconia Milling Blanks are used for the production of conventional and implant-retained crowns, bridges and full-arch prostheses. Using the highest quality zirconia powder reprocessed to further reduce particle size, BruxZir Solid Zirconia Milling Blanks produce a final restoration that exhibits maximum strength, translucency similar to natural dentition, and excellent shade-matching when combined with official BruxZir Coloring Liquids keyed to the 16 VITA Classical shades. Each BruxZir Milling Blank is shaped through a unique patent-pending process to one of several styles designed to fit many popular milling systems.

### **BruxZir®** **SHADED**

BruxZir Shaded Zirconia Milling Blanks are pre-shaded to provide homogeneous color throughout the entire milling blank. Available in four base shade classifications designed to cover all 16 VITA Classical shades through simple staining and glazing techniques, BruxZir Shaded Zirconia transmits the warm colors of the mouth better than dipped zirconia restorations, delivering increased translucency, esthetics, and shade penetration to every crown or bridge restoration.

### **BruxZir®16** **SHADED**

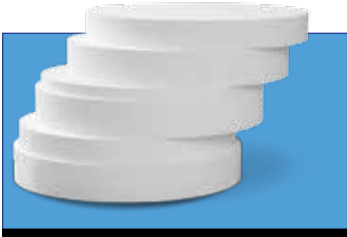
BruxZir Shaded 16 Milling Blanks are a series of 16 pre-shaded zirconia blanks that match all of the VITA Classical shades, with no color-dipping or staining required. This glaze-and-go system ensures complete and consistent shade penetration. (Note: BruxZir 16 is monochromatic. Stain is required for gingival shades, incisal blends and custom prescriptions.)



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# Milling Blank Types

## **Standard (OSZ)**



### **Mill Compatibility:**

- BruxZir Mill
- Haas Mill
- Intelitek Mill
- Prismatic CZ Mill
- Roeders RXDx Mill

### **Characteristics:**

For use in Intelitek and Haas milling machines, Standard-style BruxZir Milling Blanks are 98.5 mm in diameter and manufactured with straight edges for all 12 mm and 15 mm sizes. For 20-mm blanks and above, the additional thickness beyond the 15 mm is machined at a 93.5-mm diameter with a 2.5-mm step around the blank's circumference.

## **Zeno (Z)**



### **Mill Compatibility:**

- Arum Versamill
- BruxZir Mill
- Datron D5 Mill
- imes-icore Mill
- Manix Mill
- Origin Mill
- Roland Mill
- VHF CAM Mill
- Wieland Mill
- Yenadent Dx Mill
- Zubler DCx Mill

### **Characteristics:**

For use in a wide variety of milling machines, each Zeno-style BruxZir Milling Blank is machined at 98.5 mm in diameter for 10 mm of thickness. Thickness size beyond this 10-mm band encircling the blank is milled at a 94-mm diameter, creating a 2-mm step around the blank's circumference both above and below the band.

## **Digital Dental (D)**



### **Mill Compatibility:**

- Digital Dental Mill

### **Characteristics:**

For use in the Digital Dental Mill, Digital-Dental-style BruxZir Milling Blanks are machined at 99.5 mm in diameter of solid zirconia with a 6-mm keyed plastic ring around the circumference of the disc (total diameter 111.5 mm).

## **Roeders (R)**



### **Mill Compatibility:**

- Roeders RXDx Mill

### **Characteristics:**

For use in Roeders RXDx milling machines, Roeder-style BruxZir Milling Blanks are straight-edge discs manufactured with a 98.5-mm diameter.

## **Zirkonzahn Notch (ZZN)**



### **Mill Compatibility:**

- Zirkonzahn Mill

### **Characteristics:**

Zirkonzahn-Notch-style BruxZir Milling Blanks are 96 mm in diameter at 10-mm thick and keyed for Zirkonzahn milling machines. Thickness size beyond this 10-mm band encircling the blank is machined with three semicircle notches at 120-degree intervals around the circumference, both above and below the band, in addition to the original keyed notch.