

BruxZir[®] FEATURES

BRUXZIR INDICATIONS

BruxZir Solid Zirconia Crowns or Bridges are indicated for bruxers and grinders when PFM metal occlusals or full metal crowns are not desired. BruxZir is ideally suited for posterior restorations when the patient wants a tooth colored restoration but lacks the preparation space for, or has broken a PFM crown in the past due to bruxing. BruxZir can also be prescribed for inlays and onlays.

PREPARATION REQUIREMENTS

- Shoulder preparation not needed, feather edge is acceptable. A conservative preparation similar to a metal crown, with at least 0.5 mm of occlusal space is acceptable.
- Minimum occlusal reduction of 0.5 mm but 1 mm is ideal.

INSTRUCTIONS FOR ADJUSTMENT AND POLISHING

- Adjust BruxZir Zirconia Crowns and Bridges using water and air spray to keep the restoration cool and to avoid micro-fractures with a fine grit diamond. If using air only, use the lightest touch possible when making adjustments. A football shaped bur is the most effective for occlusal and lingual surfaces; a tapered bur is the ideal choice for buccal and lingual surfaces.
- Polish BruxZir restorations with the porcelain polishing system of your choice. Or, purchase the Axis Dental BruxZir Adjustment & Polishing Kit (LS-7579) through your dental dealer or by calling 800-355-5063.

CEMENTATION RECOMMENDATIONS

- Resin reinforced glass ionomer cement (RelyX Luting Cement, 3M ESPE; GC Fuji Plus, GC America).
- Resin cements for short or over-tapered preparations (RelyX Unicem, 3M ESPE; Panavia F2.0, Kuraray).

BruxZir[®] WEAR STUDY

The results after 100,000 cycles show that the volume loss in mm is virtually identical between glazed IPS e.max and glazed BruxZir Solid Zirconia.

