

INSTRUCTIONS FOR  
ADJUSTING AND POLISHING  
**BruxZir® CROWNS & BRIDGES**

**Preparation Requirements:**

1. Shoulder preparation not needed, chamfer is preferable.  
It is a conservative preparation similar to full-cast gold, so any preparation with at least 0.5mm of occlusal space is accepted.
2. Minimum occlusal reduction of 0.5 mm; 1 mm is ideal.

**Instructions for Adjusting and Polishing:**

- Adjust BruxZir® Solid Zirconia restorations with water and air spray using a fine-grit diamond with light pressure to avoid potential microfractures. If using air only, use the lightest possible touch when making any adjustments. **Or, purchase the Kerr Rotary BruxZir® Adjustment & Polishing Set (LS-7579) through your dental dealer or by calling 800-537-7123.**  
(DDS, Ltd. does **not** profit from referrals listed on this guide)
- A football-shaped bur is most effective for adjusting occlusion on the occlusal surfaces of posterior teeth and lingual surfaces of anterior teeth. The pointed tip allows you to accentuate the groove while reducing an area of high occlusion.
- A tapered bur is most effective for adjusting proximal contacts.
- A round bur is used to adjust a cusp or fossa and is extremely useful in creating endodontic access.

**If using the LS-7579 Set:**

- Using light pressure and no water, begin pre-polishing with the *P902* green cup. This will remove abrasions left by the diamonds during adjustment. The edge of the cup can be used effectively to polish occlusal surfaces.
- Using light to medium pressure, achieve a “wet” high shine with the *P9002* orange cup when used after the green cup. The edge of the cup can be used to polish the marginal ridges effectively.

Visit [www.kerrdental.com/kerr-rotary](http://www.kerrdental.com/kerr-rotary) for more information

*(See reverse for cementing or bonding instructions)*

ADA Codes: **D2740** Crown Porcelain/Ceramic Substrate, **D6245** Pontic Porcelain/Ceramic, **D6740** Abutment Crown Porcelain/Ceramic



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*If you have questions, please  
call our technical staff:*

**800-552-7890**

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INSTRUCTIONS FOR  
CEMENTING OR BONDING  
**BruxZir® CROWNS & BRIDGES**

**Cementing BruxZir® restorations with resin-modified glass ionomer (RMGI) cements, such as RelyX™ Luting Plus (3M ESPE), Fuji-CEM™ 2 (GC America), and Nexus™ RMGI (Kerr):**

1. Try BruxZir® crown in mouth and make any necessary adjustments to contacts and occlusion.
2. Sandblast internal surface of BruxZir® crown for 15 seconds, or place Ivoclean™ (Ivoclar) inside of restoration and rinse off after 20 seconds.
3. Place zirconia primer, such as Z-Prime™ Plus (Bisco) or Monobond™ Plus (Ivoclar), on internal surface of BruxZir® restoration and dry for 3-5 seconds with an air syringe.
4. Mix and place RelyX™ Luting Plus, Fuji-CEM™ 2, or Nexus™ RMGI cement in crown, seat crown on tooth and proceed with cleanup.

**Bonding BruxZir® restorations with self-adhesive resin cements such as RelyX™ Unicem (3M ESPE) and Maxcem Elite™ (Kerr), self-etching resin cements such as Panavia™ F 2.0 (Kuraray) and MultiLink® Automix (Ivoclar), or etch-and-rinse resin cements such as NX3 Nexus™ (Kerr) and Variolink® II (Ivoclar):**

1. Try BruxZir® crown in mouth and make any necessary adjustments to contacts and occlusion.
2. Sandblast internal surface of BruxZir® crown for 15 seconds, or place Ivoclean™ (Ivoclar) inside of restoration and rinse off after 20 seconds.
3. Place zirconia primer, such as Z-Prime™ Plus (Bisco) or Monobond™ Plus (Ivoclar), on internal surface of BruxZir® restoration and dry for 3-5 seconds with an air syringe.
4. Mix and place any of the resin cements above in crown, seat crown on tooth and proceed with cleanup.

*(See reverse for adjusting and polishing instructions)*

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