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 Brux-
  Zir® 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 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
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)

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