G-CERA®
CERAMIC PIN

CERAMIC REFRACTORY DOWEL PIN

1. Pour die stone (such as GC FUJIROCK™) into master impression for working cast. Apply dowel pin procedure as in standard crown & bridge cases.

2. Section and trim the master cast. Slits between the dies should be wider than usual working cast.

3. Using wax, fix the dies onto the base of the cast.

4. Place the master cast in a flask for silicone duplicating technique (such as Neo-Star Flask by Dentarium).

5. Hydrophobic impression materials are favorable for G-CERA VEST™ Refractory Materials. We suggest a pourable duplicating material for laboratory (Polypour by GC AMERICA INC.).

6. After the impression material has set, tap the pins slightly with a wooden mallet. (This operation helps to separate dies from the cast.)

7. Remove only base of cast. Dies should remain in the impression.

8. Remove only working dies. Adjacent teeth should remain in impression. Apply de-bubblizer to impression area for refractory. Blow immediately with an air-gun and dry well.

9. Mix G-CERA VEST™ in a vacuum mixing machine for 30 seconds, and pour the investment into the die impression. Allow the investment to set slightly (putty consistency), position G-CERA CERAMIC PINS as parallel as possible in the refractory.

10. Let refractory set for 1 hour. Then use separating medium (such as vaseline) thinly over entire model area.

11. Pour lab stone over entire model area to top of pins, wipe away excess stone to expose top of pins.

12. Lightly tap the end of G-CERA PINS and metal pins to help in separation. Remove base from impression and dies.

13. Place dies back onto base. You are now ready to proceed with degassing of refractory.

GC®

GC AMERICA INC.
3737 W. 127TH ST.
ALSIP, IL 60803
MADE IN JAPAN

1510304