

# Chairside Preparation and Bonding Guide

The following preparation and bonding guidelines for restorative indications of this system will ensure the clinical success of your restorations.

## Indications

- Metal-free/fiber-free
  - Inlays/Onlays: All teeth
  - Veneers: All teeth
  - Crowns: All teeth through 1st molar
  - Bridges: All teeth through 2nd bicuspid, one pontic bridge only
- With metal substructure
  - Crowns & Bridges (w/metal substructure): All teeth
- Implants
  - All teeth/bonded-to-metal

## Contraindications

- Do not use with fiber substructures

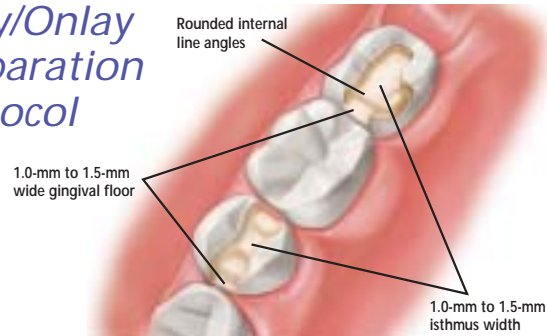
## Preparation Guidelines

General specifications:

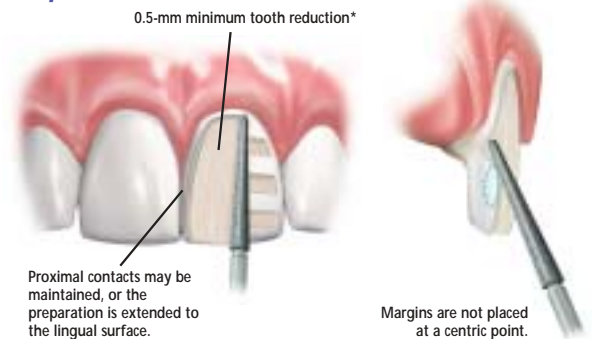
1. Use a chamfer margin around the gingival margins. Margins that extend to the occlusal or incisal must be a 90° or butt joint.
2. Avoid sharp angles.
3. Maintain an even reduction of anatomical form.
4. These are minimum reductions. Strength and opacity will be increased with more tooth reduction.

**Note:** Modifications to the above guidelines must be made with caution, using clinical judgment.

### Inlay/Onlay Preparation Protocol

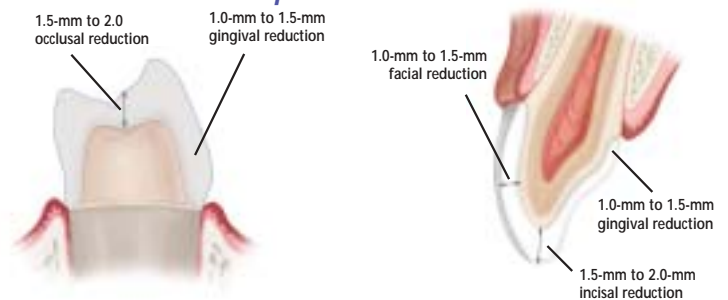


### Veneer Preparation Protocol



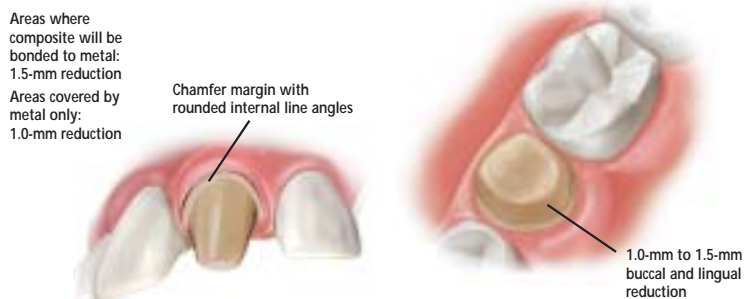
\* 0.5 is the minimum tooth reduction. Added strength and opacity may be increased by greater tooth reduction.

### Metal-Free Preparation Protocol



NOTE: Metal-free bridge proximal connector area 1.5 to 2.0-mm reduction

### Composite-Bonded-To-Metal Preparation Protocol



See complete directions for use for indications and contraindications.

# Bonding

Cristobal+ restorations require a simple clinical protocol. Providing the technician with the shade of the prepared tooth as well as the final shade will ensure the desired result and simplify cementation.

Selecting Calibra® Esthetic Resin Cement and Prime & Bond® NT™ Dual Cure Dental Adhesive will help ensure your success with Cristobal+ restorations.

*Always follow the manufacturers' directions.*

An abbreviated technique follows.

**Step 1:** Remove the provisional restoration. Clean and dry the site.

**Step 2:** Verify the fit of the restoration utilizing a try-in paste of glycerin.

**Step 3:** Isolate the prepared tooth with a rubber dam and retainer.

**Step 4:** Apply and light-cure Prime & Bond® NT™.

**Step 5:** Treat the internal aspects of the restoration with a silane coupling agent.

**Step 6:** Apply Calibra® Esthetic Resin Cement to the surface of the restoration.

**Step 7:** Seat the restoration and remove gross excess cement.

**Step 8:** Light-cure the entire restoration from all surfaces.

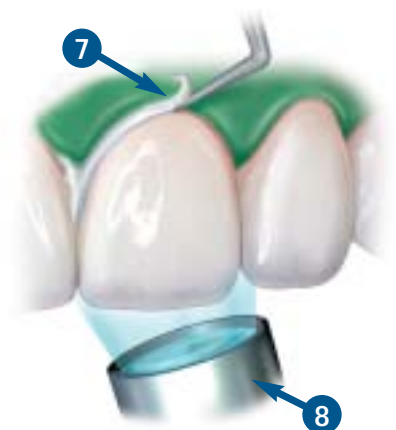
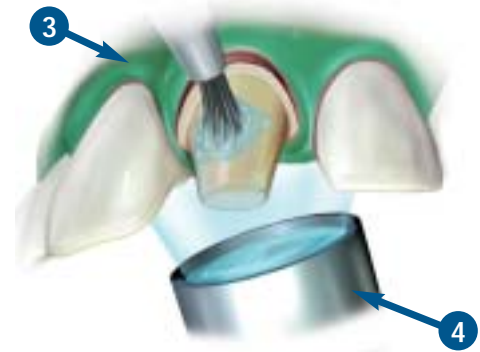
**Step 9:** Adjust and finish with fine diamonds and polishers.

For more information on the Calibra® Esthetic Resin Cement, contact your local dental distributor or Dentsply Caulk at 800-532-2855.

Calibra Complete Kit Item # 607060

Calibra Operatory Kit Item # 607059

**Cristobal+** AND **Calibra®**  
esthetic resin cement



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