



All Ceramics: Preparation Guidelines

Procera

Anterior Crowns

- Prepare depth cuts of .8-1.5mm tooth reduction
- Eliminate sharp edges, slopes, and undercuts
- Provide adequate space for the coping and porcelain

Posterior Crowns

- Prepare depth cuts of .8-1.5mm tooth reduction
- Eliminate sharp edges, slopes, and undercuts
- Provide 1.5-2mm occlusal reduction
- Use a chamfer bur to achieve a 5-15 degree taper

Invizion

Anterior Crowns

- Incisal area should be reduced by 2mm
- Facial reduction of 1.5mm

Posterior Crowns

- Occlusal reduction of at least 1.5mm
- Chamfer or shoulder preparation with rounded interior angle
- Vertical preparation angle of 3 degrees
- Avoid creating a depth fossa/cavity

Empress

Anterior/Posterior Crowns

- Incisal and occlusal reduction should be approx. 2mm
- Circular shoulder or chamfer margin with rounded angles
- Axial walls should be reduced by 1.5mm and 1mm at the margin

Veneers

- Length of incisal edge should be reduced enough for adequate porcelain to create natural effects
- Incisal reduction of at least 1mm is recommended
- A cervical chamfer should be prepared
- Minimum preparation thickness is approx .6-1mm

Lava

Anterior & Posterior Crowns

- Incisal reduction of 1.5-2mm
- Facial/ reduction: 1-1.5mm
Axial reduction of 1-2mm
- Rounded internal line angles
- Chamfer margin

IPS. E.Max

Anterior & Posterior Crowns

- Incisal/Occlusal reduction of 1.5-2mm
- Facial reduction of 1-1.5mm
- 1mm reduction at gingival margin
- Rounded internal line angles

Veneers

- Circular reduction of .6mm
- Incisal reduction of .7mm
- Incisal reduction depends on desired translucency

Authentic

Crowns

- Deep chamfer or shoulder preparation
- Avoid sharp edges and angles
- Circular reduction of 1.5mm
- Occlusal and Incisal reduction of 2mm

Veneers

- Facial reduction of .7 mm
- If incisal edge is being covered reduce 1.5 mm
- If incisal edge needs lengthening, lingual edge should have small chamfer

Feldspathic Veneers

- Cervical reduction of .3mm
- Midfacial reduction of .3mm-.5mm
- Interproximal finish lines facial to contacts