

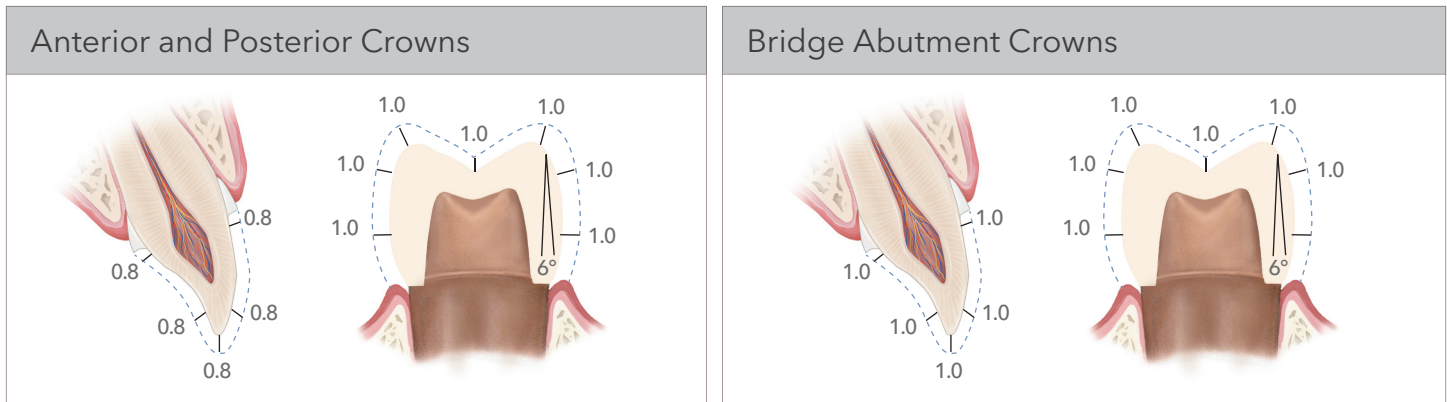
IPS E.MAX ZIRCAD PRIME PREPARATION GUIDE

Before you begin with the actual construction, please ensure that the preparation is adequate for a ceramic restoration. Successful results can only be achieved with IPS e.max ZirCAD if the guidelines and minimum layer thicknesses are strictly observed.

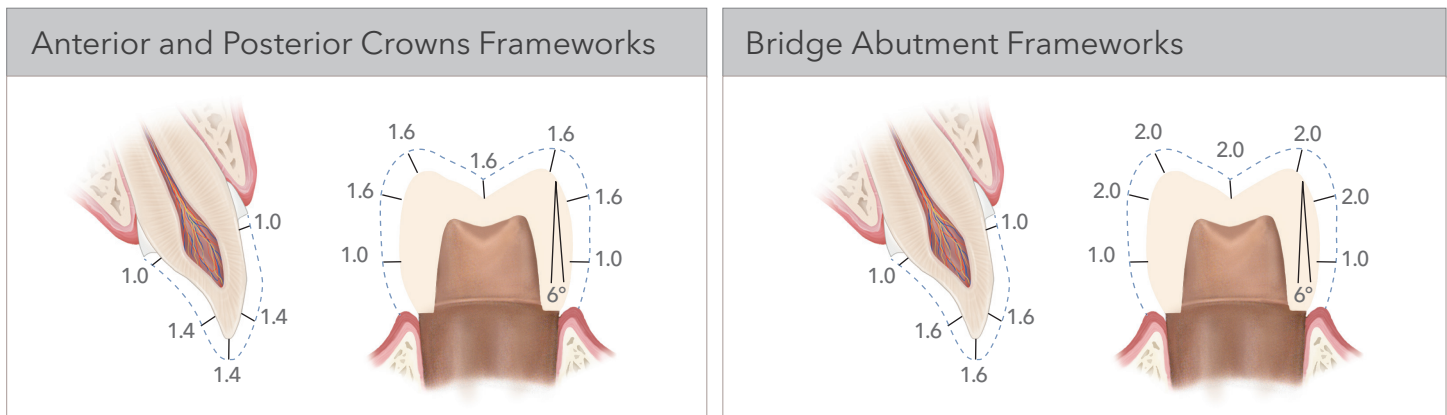
BASIC PREPARATION GUIDELINES

- Do not prepare any angles and edges
- The ideal preparation is a shoulder preparation with rounded inner edges or a chamfer preparation at an angle of approx. 10°–30°. Width of the shoulder/chamfer, at least 1.0 mm.
- For conventional or self-adhesive cementation, retentive surfaces must be created (preparation height at least 4 mm).
- Preparation angles: 4–8° for conventional and semi-adhesive cementation, > 6° for adhesive cementation.
- The indicated dimensions reflect the minimum thicknesses for IPS e.max ZirCAD restorations.
- The radius of the edges of the prepared tooth, particularly in anterior teeth, must be at least as large as the radius of the smallest milling instrument to ensure optimum processing by the CAD/CAM unit.
- In monolithic or fully anatomical restorations, the preparation guidelines refer to the minimum material thicknesses

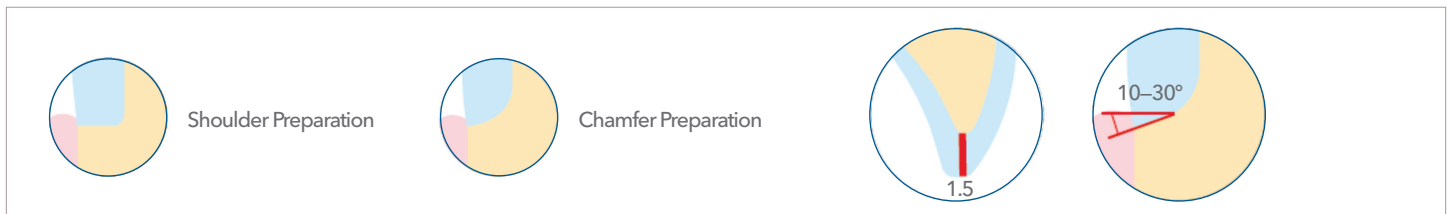
PREPARATION GUIDELINES FOR MONOLITHIC RESTORATIONS



PREPARATION GUIDELINES FOR LAYERED RESTORATIONS



PREPARATION GUIDELINES FOR SHOULDER AND CHAMFER



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