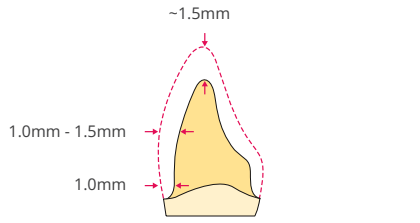
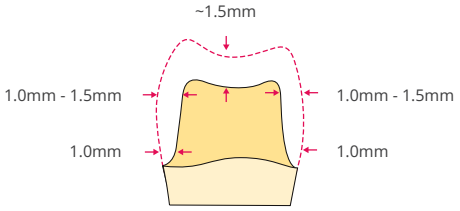
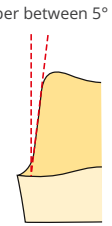
# Preparation Guide & Contraindications

## CONVENTIONAL PREPARATION

For full ceramic restorations in general

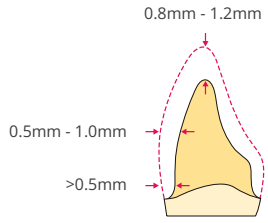


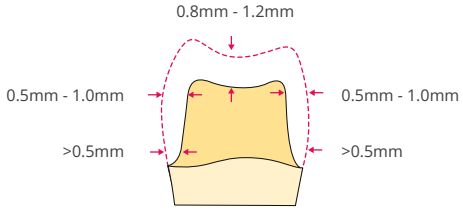



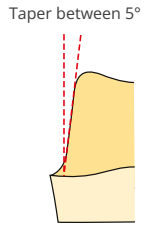




## MINIMALLY INVASIVE PREPARATION

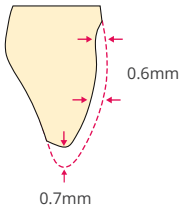
For full contour zirconia restorations (without porcelain)

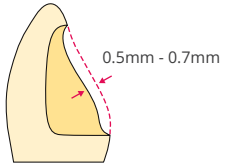


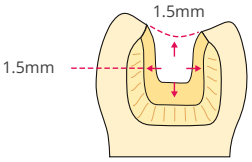




The ideal preparation should be smooth and have a chamfer or slight shoulder margin, with no sharp edges or irregular grooves. Retentive elements, if required, should have a minimum radius of 0.5mm.




## VENEER PREPARATION

- ≥ 0.6mm labial and cervical reduction
- ≥ 0.7mm incisal reduction
- Incisal preparation margins must avoid areas of static or dynamic contact

## MARYLAND BRIDGE PREPARATION

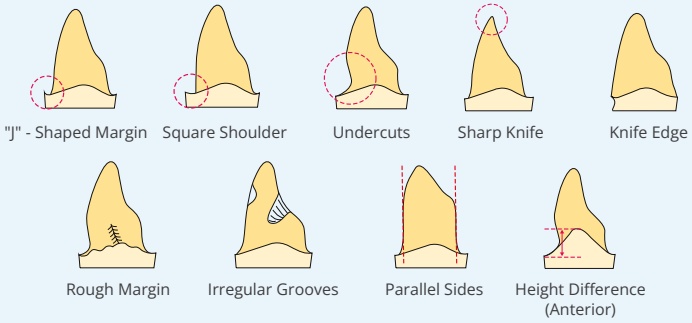
- 0.5–0.7mm lingual reduction
- Preparation should be in enamel instead of dentine
- Use of a retentive element is recommended, either a groove, ridge, or pinhole
- Retentive element must have a minimum radius of 0.5mm
- Circular/Island preparation of wings is not possible

## INLAY/ONLAY PREPARATION

- ≥ 1.5mm preparation depth
- ≥ 1.5mm isthus width
- Ideally 6° sidewall taper
- Proximal box should have diverging walls

## CONTRAINDICATIONS

For all types of full ceramic restorations

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