

# All-Ceramic Chairside Preparation Guide for IPS e.max®

#### For IPS e.max® indications

		IPS e.max Ceram/ZirPress	IPS e.max ZirCAD	IPS e.max CAD/Press
Anterior	Crown		V	V
	Veneer	V	V	V
	Bridge		V	V
Posterior	Crown		/	-
	Bridge		~	

**Anterior** Chairside Preparation Guide

## **Full-Coverage Restorations**

#### ANTERIOR CROWN PREPARATION

### ANTERIOR CROWN PREPARATION

Shoulder margin

1.0 mm reduction at the gingival margin

Shoulder margin

1.5 mm lingual contact clearance

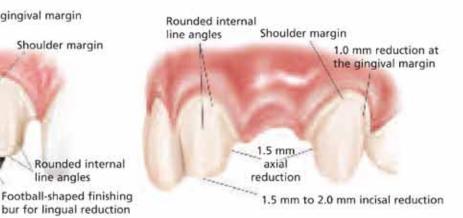
1.5 mm to 2.0 mm incisal reduction

Rounded internal line angles

Football-shaped finishing

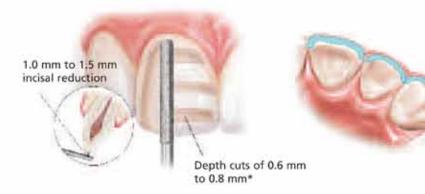
## 3-Unit Bridge Restorations

#### 3-UNIT BRIDGE PREPARATION



## Veneers

A medium grit, round-ended, diamond bur is used to remove a uniform thickness of facial enamel by joining the depth-cut grooves. The diamond bur is angled to bevel back the incisal edge.



## **Thin Veneers**

IPS e.max can be pressed to as thin as 0.3 mm for veneers. If sufficient space is present, IPS e.max can be placed over the existing teeth without the removal of any tooth structure. Depending on the case requirements, however, some teeth may need to be prepared to accomodate for the thickness of the ceramic and to ensure for proper contour and emergence profile.



<sup>\*</sup>Please note: For additional masking capabilities and/or layering techniques, further reduction may be necessary. Contact your laboratory for further information.



## **All-Ceramic** Chairside Preparation Guide for IPS e.max®

**Posterior** Chairside Preparation Guide

## **Inlays/Onlays**

#### **INLAY PREPARATION**

1.5 mm to 2.0 mm isthmus width Shoulder margin Rounded internal line angles 1.0 mm- to 1.5 mmwide gingival floor 1.5 mm-depth at isthmus

## **ONLAY PREPARATION** 1.0 mm- to 1.5 mmwide gingival floor

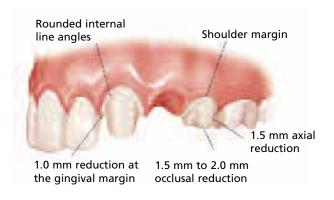
Occlusal reduction of

1.5 mm to 2.0 mm

## **3-Unit Bridge Restorations**

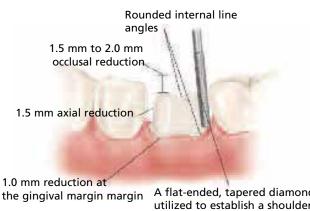
#### 3-UNIT BRIDGE PREPARATION





## **Full-Coverage Restorations**

#### POSTERIOR CROWN PREPARATION



A flat-ended, tapered diamond is utilized to establish a shoulder margin

When layered or pressed ceramic margins are preferred in conjuction with a zirconia framework, enhanced gingival esthetics can be achieved with a definitive 90 degree shoulder preparation.

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#### **CONVENTIONAL CEMENTATION PREPARATION**

Shoulder margin

