

Inlays



Material Options:

IPS e.max Lithium Disilicate

Cementation (must be adhesively cemented)



Recommended
Multilink Automix
Variolink II
Variolink Veneer

Adhesive Resin Cements

Contraindication:
Temporary Cements
Self-Adhesive Cements
Glass Ionomer Cements
Resin Modified Glass Ionomer

Onlays



Cementation (must be adhesively cemented)



Recommended Multilink Automix Variolink II Variolink Veneer

Other:
Adhesive Resin Cements

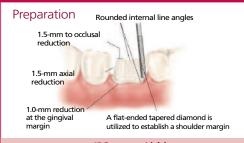
Contraindication:
Temporary Cements
Self-Adhesive Cements
Glass Ionomer Cements
Resin Modified Glass Ionomer

Anterior Crowns



Material Options: IPS e.max Lithium Disilicate, IPS e.max ZirCAD

Posterior Crown



Material Options: IPS e.max Lithium Disilicate, IPS e.max ZirCAD

Cementation

Retentive Preparation

Recommended

Multilink Automix Variolink II SpeedCEM

Other:

Adhesive Resin Cements Self-Adhesive Cements Glass Ionomer Cements Resin Modified Glass Ionomer

Contraindication:
Temporary Cements

Non-Retentive Preparation

Recommended
Multilink Automix
Variolink II

Other:

Adhesive Resin Cements

Contraindication:

Self-Adhesive Cements Glass Ionomer Cements Resin Modified Glass Ionomer Temporary Cements

Veneers



Material Options:

IPS e.max Lithium Disilicate

Cementation (must be adhesively cemented) Cementation



Recommended Variolink Veneer Variolink II

Other:

Adhesive Resin Cements

Contraindication:
Temporary Cements
Self-Adhesive Cements
Glass Ionomer Cements
Resin Modified Glass Ionomer

Preparation

Rounded internal line angles

1.0 mm reduction at the gingival margin

1.5-mm
axial reduction

1.5 mm incisal reduction

Material Options: IPS e.max Lithium Disilicate,

IPS e.max CAD-on, IPS e.max ZirCAD

IPS e.max CAD-on, IPS e.max ZirCAD

Retentive

Anterior Bridge

Preparation	Preparation
Recommended	Recommended
Multilink Automix	Multilink Automix
Variolink II	Variolink II
SpeedCEM	

Other:

Adhesive Resin Cements Self-Adhesive Cements Glass Ionomer Cements Resin Modified Glass Ionomer

Contraindication:
Temporary Cements

Multilink Automix
Variolink II

Other:
Adhesive Resin Cements

Contraindication:

Non-Retentive

Contraindication:
Self-Adhesive Cements
Glass Ionomer Cements
Resin Modified Glass Ionomer
Temporary Cements

Posterior Bridge



IPS e.max CAD-on, IPS e.max ZirCAD

Cementation

Retentive Preparation	Non-Retentive Preparati
Recommended Multilink Automix Variolink II SpeedCEM	Recommended Multilink Automix Variolink II
·	Other

Other:

Adhesive Resin Cements Self-Adhesive Cements Glass Ionomer Cements Resin Modified Glass Ionomer

Contraindication:
Temporary Cements

Adhesive Resin Cements

Contraindication:
Self-Adhesive Cements
Glass Ionomer Cements
Resin Modified Glass Ionomer
Temporary Cements

Clinical Case Guide

Cement Procedures

Cen	ient Procedur	es						
	STEP 1		STEP 2		STEP 3	STEP 4	STEP 5	
	IPS e.max Restoration Conditioning		Tooth Conditioning		Cement	Clean Up	Final Cure	Post-Op
	Etching Restoration	Priming Restoration	Etching Tooth	Priming Tooth				View
	Apply IPS Ceramic Etching Gel (5% HF Acid) for 20 seconds to bonding surface of the restoration. Rinse thoroughly and air dry.	Apply Monobond Plus Universal Primer to the bonding surface of the restoration. Allow to react for 60 sec. Completely air dry.	Apply Total Etch 37% Phosphoric Acid etching gel. (15 secs on dentin, 30 secs on enamel) Rinse and dry leaving prepared surface moist.	Apply bonding agent to moist preparation	Mix and dispense cement into restoration	After seating, light cure each quarter surface for 1-2 sec. The cement will achieve a gel-like consistency for easy clean-up.	Optional: Utilize Liquid Strip (glycerin gel) along the margins to eliminate oxygen-inhibition layer. Light cure each side on high power for 20 sec.	
Variolink® II/ Variolink® Veneer		Monob Stamponent pri Stamponent pri		Scrub Excite F on preparation for 10 seconds. Thin with air and light cure.	arisant.			
Multilink® Automix			Not Required	Scrub self-etching Primer 1:1 mixture into the prepared surface. (30 sec. on enamel and 15 sec. on dentin) Air dry				
SpeedCEM®	956		Not Re	equired	C			YX

Clinical Recommendation Efficient rotary cutting instruments for high-strength ceramics

- When removing a high-strength ceramic restoration, proper bur selection improves the efficiency of the procedure, reducing the time needed for completion.
- The use of an electric handpiece is preferable due to its superior cutting efficiency and reduced heat generation.
- Regardless of the cutting instrument or the handpiece used, copious water irrigation is paramount when cutting through ceramic materials. Water acts as a lubricant, improves cutting efficiency and prevents heat rise in the restoration and the tooth underneath.

MANUFACTURER	BUR	GRIT SIZE	FOOTBALL SHAPE FOR OCCLUSAL REDUCTION	ROUND SHAPE FOR ENDODONTIC ACCESS	CYLINDER SHAPE FOR CROWN REMOVAL
Komet	ZR Diamond	Coarse 126 µ m	Excellent (ZR6379.314.023)	Excellent (ZR6801.314.014)	Excellent (ZR6856.314.025)
Brasseler USA	DuraCut	Coarse 151µm	Excellent (6368DC.31.023	Very good (6801DC.31.023)	Very good (6856DC.31.018)
Dentalree	Crosstech	Coarse 150µm	Excellent (368.031.023	Very good (801.31.018)	Good (856.31.018)
SS White	Great White Z		Excellent (GWZ 379-023	Very good (GWZ 801-018)	Good (GWZ 856-018)

Tested at applied testing facility, Ivoclar Vivadent Amherst



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