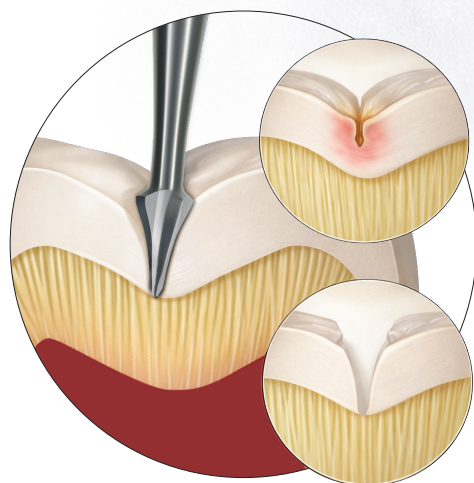


Composite Dentistry has Outgrown 1896 Preparation Design

A New Era of Minimally Invasive Precision Built on the Geometry of Fissurotomy® and the Calla Lily™ Shaped Preparation.



The Science of Shape

Traditional GV Black cavity forms were designed for amalgam not today's composites. The Calla Lily™ geometry, inspired by nature, builds a trumpet-like form.

Today's materials demand preparation designs that:

- Preserve enamel
- Reduce stress concentration
- Support adhesive strength
- Respect natural tooth biomechanics

The Calla Lily™ and Fissurotomy® philosophies deliver exactly that.



Engineered Shape. Clinical Advantage.

The minimally invasive Fissurotomy® design introduced precision micro-preparation.

The Calla Lily™ shaped preparation refines it further:

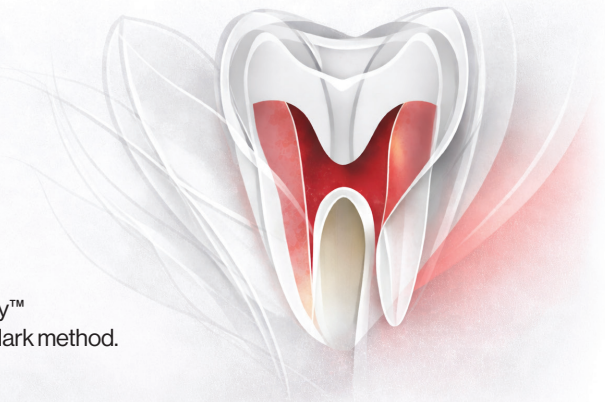
- Rounded internal architecture reduces crack initiation
- Separate occlusal and interproximal forms control C-factor stress
- Maximized enamel rod engagement enhances bond durability
- Caries-specific removal preserves structural integrity

Modern composites perform best when paired with modern geometry.

System Overview Instrumentation and Philosophy — Designed Together.

The Calla-Lily™ Series A Complete Instrumentation System

Includes: (3) Procedural Kits (3) Carbide (3) Diamonds



Calla-Lily™ Introductory Kit #18058
Introductory kit contains (2) each of the Calla-Lily™ Fissurotomy® Carbides and Diamonds for the Clark method.
Class I and II Cavity preparations.



Calla-Lily™ - Fissurotomy® Class I-II Preparation Kit #18059
Redefine your cavity preps with the Calla-Lily™ Fissurotomy® Class I & II technique.
Contains the full workflow to confidently complete your preps using the Clark method.



Pediatric Class I-II Preparation Kit #18060
Redefine your Pediatric Preps with minimally Invasive Class I & II technique. Designed for gentle, caries-specific removal, enamel preservation and reduced fracture risk in developing dentition.
Modern design for young patients.

“Traditional preparation shapes were never designed for today’s composites. The Calla-Lily™ Clark Class I and II forms allow us to restore teeth in a way that is biologically sound, mechanically strong, and truly minimally invasive.”
Dr. David Clark

Calla-Lily™ Series Diamonds

	CLD1 #18021-5	CLD2 #18022-5	CLD3 #18023-5
Overall Length (in/mm)	0.833in / 21.146mm	0.833in / 21.146mm	0.833in / 21.146mm
Head Diameter (in/mm)	0.135in / 3.429mm	0.140in / 3.556mm	0.161in / 4.085mm
Head Length (in/mm)	0.177in / 4.485mm	0.233in / 5.929mm	0.244in / 6.208mm
Tip Diameter (in/mm)	-	-	-
	Super Narrow Calla-Lily™ Diamond	Narrow Calla-Lily™ Diamond	Gross Decay Calla-Lily™ Diamond

Calla-Lily™ Series Carbides

	CLF #18004-5	NCLF #18005-5	SNCLF #18006-5
Overall Length (in/mm)	0.790in / 20.066mm	0.790in / 20.066mm	0.790in / 20.066mm
Head Diameter (in/mm)	0.076in / 1.930mm	0.056in / 1.422mm	0.056in / 1.422mm
Head Length (in/mm)	0.100in / 2.540mm	0.100in / 2.540mm	0.100in / 2.540mm
Tip Diameter (in/mm)	0.046in / 1.190mm	0.013in / 0.330mm	0.009in / 0.228mm
	Caries Calla-Lily™ Fissurotomy® Carbide	Narrow Calla-Lily™ Fissurotomy® Carbide	Super Narrow Calla-Lily™ Fissurotomy® Carbide

To Order or to Learn More
<https://www.bioclearmatrix.com/>

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