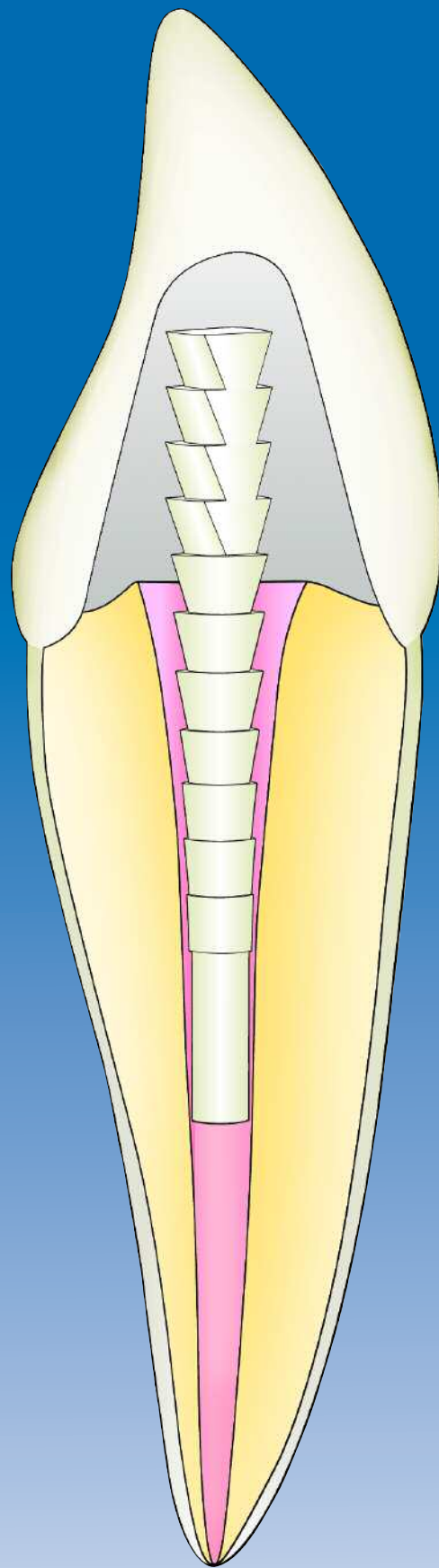


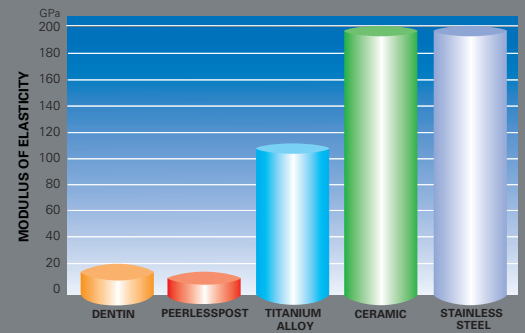
# Peerless Post™

**Unique.  
Patented.  
Tapered.  
Customizable.**

**PEERLESS.**

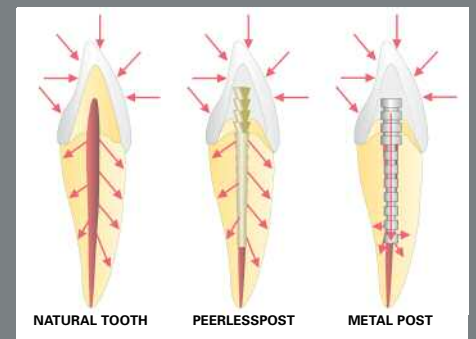


## LOW ELASTIC MODULUS DECREASES THE RISK OF ROOT FRACTURE



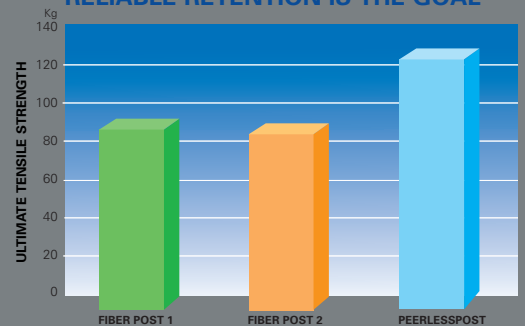
Fiber-reinforced composite posts exhibit a Young's modulus of elasticity (rigidity) similar to that of dentin. PeerlessPosts\* provide retention for the core/crown complex without creating zones of tension or shear in the dentin or cement interfaces, therefore decreasing the risk of root fracture.

## STRESS MANAGEMENT – IMPERATIVE FOR LONG-TERM PROGNOSIS



The closer the post, cement and restorative materials behave to dentin, the less force is concentrated among the components in function (Ref. #1). PeerlessPosts absorb and dissipate stress, emulating the natural, unaltered tooth and providing a better long-term prognosis (Ref. #2).

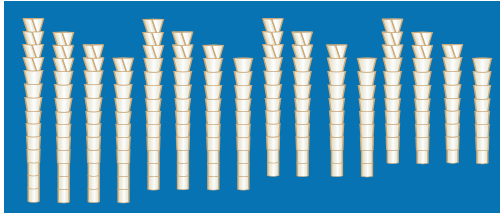
## RELIABLE RETENTION IS THE GOAL



PeerlessPost, with its unique "keystone" links, has proven to be more retentive than other popular fiber posts (Ref. #3). In-vitro studies have demonstrated that bonded fiber posts are at least as retentive as passive metal posts (Ref. #4 – 6).

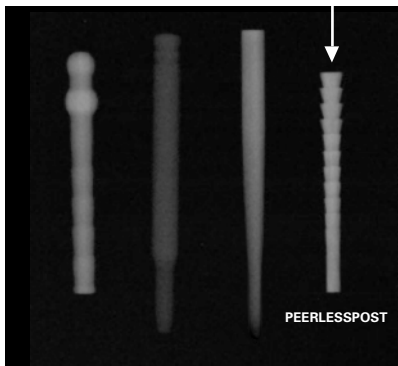
# It stands alone • Matchless • Without equal or rival • Unique ... that's PeerlessPost.

## FOUR POSTS = SIXTY-FOUR OPTIONS



Each post has three 1 mm apical segments and four 1 mm coronal "keystone" segments that can be trimmed to custom fit each tooth for maximum contact and dentin conservation.\* With four PeerlessPost sizes available – each providing 16 options – you can choose among 64 different configuration possibilities.

## FIBER POSTS



PeerlessPosts are radiopaque for easy distinction from tooth structure, gutta percha, metals, and other filling materials and restoratives. PeerlessPosts are more radiopaque than some popular fiber posts.

## TAPERED POSTS – ONE STEP FIT

The K3 .04 and .06 files create an ideal canal shape ready to accept the PeerlessPost without additional prep work. Matching drills are available for canals not shaped to .04 or .06 taper.



### KEY • STONE (NOUN)

1. The wedge-shaped support that locks the others in place.
2. A supporting element. Something on which other interrelated parts depend.

\*Recent studies indicate that a properly bonded fiber post depth need not exceed one half to two thirds of the root length (Ref. #7) or the length of the crown. Furthermore, the best micro-mechanical attachment to dentin is achieved in the coronal 10 mm of the post space (Ref. #8).

PeerlessPosts are tooth colored. They will not create dark show-through and will not require opaquer, or offset shading under ceramic crowns and bridges.

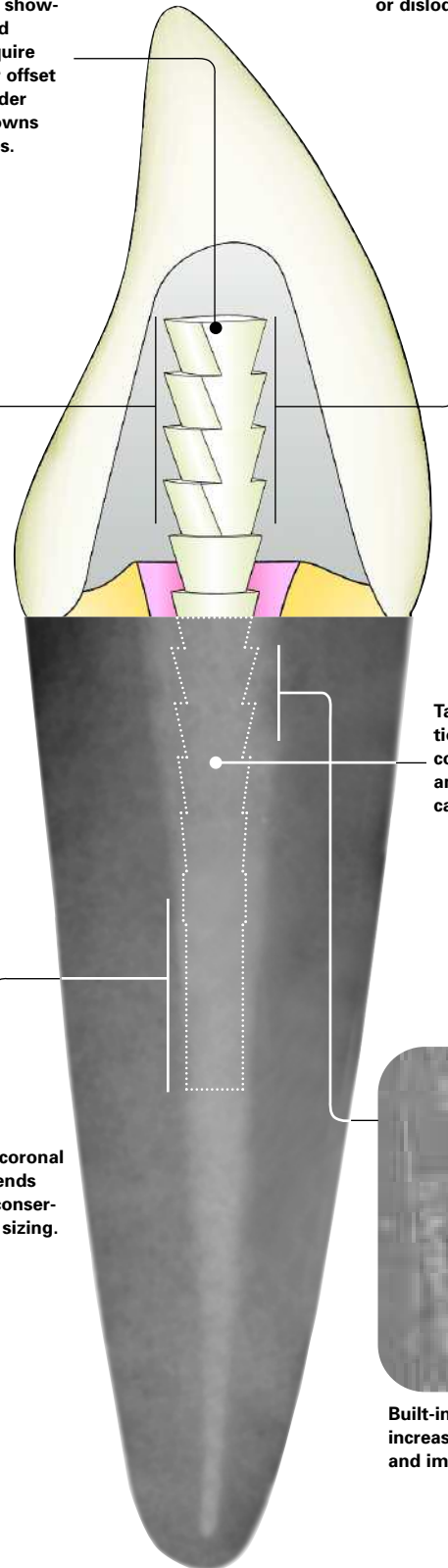
Unique "keystone" retention head prevents rotation or dislodgement.

PeerlessPost is made from non-galvanic, noncorroding fiber-reinforced composite. It is radiopaque to easily distinguish it from tooth, gutta percha and cement.

Adjustable coronal and apical ends allows for conservative post sizing.

Tapered body section (.04 and .06) conserves dentin and maintains canal shape.

Built-in undercuts increase surface area and improve retention.



## PLACEMENT TECHNIQUE

This technique guide shows *basic* steps. Read **Directions for Use** before using.



1. Isolate and prepare tooth (remove gutta percha if necessary).



2. Select proper size post and verify with a try-in.



3. Adjust to fit by removing 1 mm increments from either/both ends with a diamond bur or disc. NEVER use pliers or cutters.



4. Etch the post space and remaining involved tooth structure\*. Rinse. Remove excess water.



5. Apply adhesive bonding agent\*. Remove excess. Air-dry to evaporate solvent.



6. Mix dual-cure resin cement\*. Apply cement on post. Place post.



7. Light-cure to stabilize post.



8. Place core composite material\*. Trim core for final restoration /prosthesis.

Photographs courtesy of Dr. Enrique Kogan

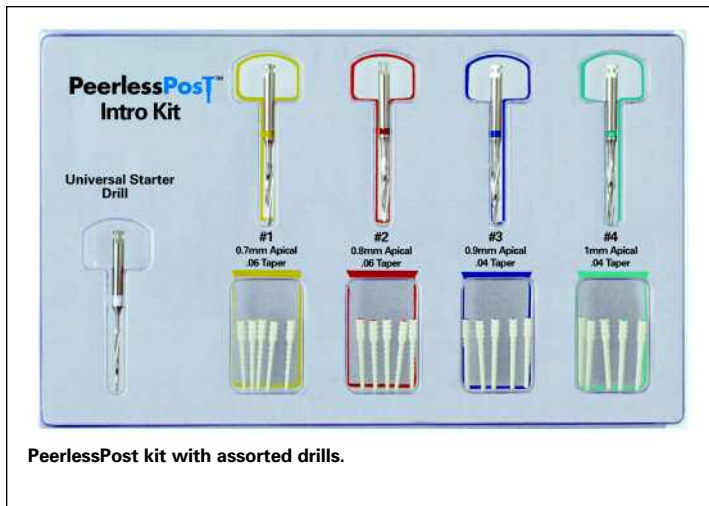
## REMOVAL TECHNIQUE

Fiber posts are removable in minutes (Ref. #9 – 11). For best results use loupes or microscope.

1. Gain access to the coronal end of the post.
2. Create a *pilot hole* (1 mm deep) in the center of the post using a small round bur.
3. Follow the long axis of the post with an LA Axxess #1 bur or a #2 or #3 Peezo Reamer. Use a pecking motion at 800 – 2000 rpm under water spray.
4. After reaching the apical end of the post, remaining post structure can be removed with the same pecking technique using that size PeerlessPost drill.



LA AXCESS  
#1 Line Angle  
Stainless Steel  
#815-1401



PeerlessPost kit with assorted drills.

ORDER INFORMATION	
PART NO.	DESCRIPTION
977-1000	PeerlessPost Kit
977-1001	Universal Drill
977-1011	Drill #1 – .7 mm .06 taper (2 pk)
977-1012	Drill #2 – .8 mm .06 taper (2 pk)
977-1013	Drill #3 – .9 mm .04 taper (2 pk)
977-1014	Drill #4 – 1.0 mm .04 taper (2 pk)
977-1021	Post #1 – .7 mm .06 taper (10 pk)
977-1022	Post #2 – .8 mm .06 taper (10 pk)
977-1023	Post #3 – .9 mm .04 taper (10 pk)
977-1024	Post #4 – 1.0 mm .04 taper (10 pk)



PeerlessPosts are color-coded for quick identification.

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**Accessories for PeerlessPost available from Kerr**



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 Experience the best of both worlds. OptiBond Solo Plus provides total-etch or self-etch. The choice is yours.



**NEXUS<sup>2</sup>**  
**Resin Cement System**  
 Beauty and flexibility in one system. Nexus2 provides maximum versatility and esthetics for all indirect restorations.



**CORERESTORE<sup>2</sup>**  
**Core Buildup Material**  
 Strength and flexibility at the core. CoreRestore2 provides a strong, stable base for core buildup.

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Remove along perforation