

DentinPost®

The clear choice



- Prefabricated tapered root posts made of glass fiber reinforced composite
- Dentin-like elasticity
- Aesthetically pleasing
- Available with and without retentive head
- Easily removable, if necessary

A world-wide leader
in rotary instruments

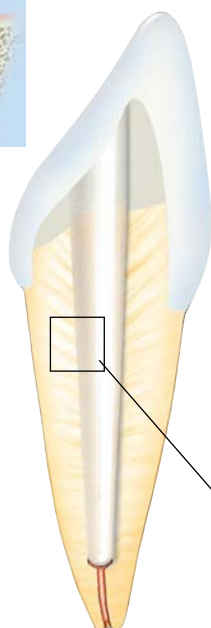
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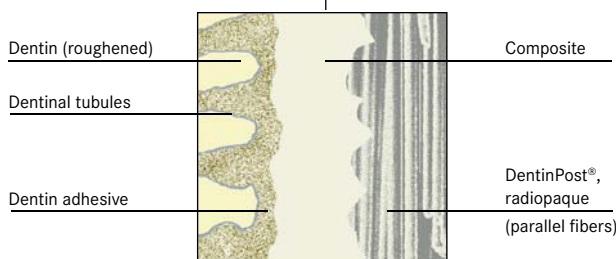
Product characteristics and advantages

DentinPosts® are prefabricated tapered root posts made of glass fibers embedded in epoxy resin. The root posts are largely composed of unidirectional special glass fibers ensuring high stability. Moreover, DentinPosts® offer excellent radiopacity and feature a modulus of elasticity similar to that of dentin to guarantee an esthetically pleasing result. DentinPosts® are designed for the following indication:

- Composite restoration of teeth with partly destroyed crown (coronal destruction 10 – 70%)
- DentinPost® X permits a strong reconstruction even in case of severely destroyed teeth due to their pronounced retention head



Composite restoration of teeth with destroyed crown (Coronal destruction 10-70%)



(Fig.1) Diagram of an adhesive bond

Material data of the DentinPost®:

Matrix: Epoxy resin with a glass fiber proportion of approximately 60%

Bending strength*: 550 Mpa

Modulus of elasticity: 30 Gpa

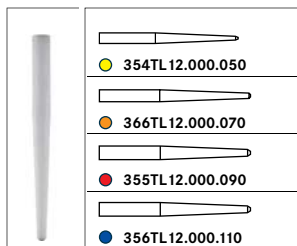
* Ascertained through experiment the elasticity of the root post resembles that of dentin, which prevents the formation of root fractures.

Indications:

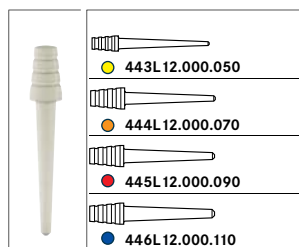
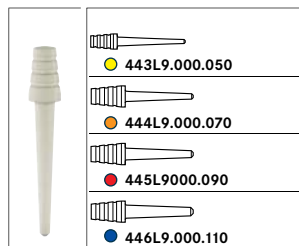
All partially destroyed teeth which are reinforced or built up with the DentinPost® can serve as prosthetic abutments. An aesthetically pleasing restoration can be achieved with all-ceramic partial crowns, crowns and veneers, without any undesired alterations in color.

The straightforward application of the DentinPosts® is carried out using the tried and tested instruments of the ER root post system.

DentinPost®



DentinPost® X



Kits



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Feel the impact