



# Minimally invasive, perfectly aesthetic: **DentinPost X Coated.**



ER System

Root post made of  
glass fiber reinforced  
composite



Quality Products  
Made in Germany



# A tribute to the root canal.

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A welcome addition to the successful ER system - the DentinPost X Coated. This glass fiber post offers an unprecedented combination of minimal invasiveness and maximum aesthetics:



## Aesthetic restoration even of severely damaged teeth

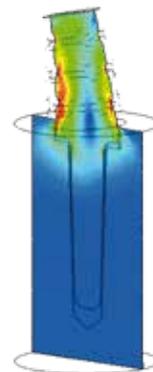
The DentinPost X Coated is made of glass fiber. Its pronounced retention head facilitates an aesthetic restoration even of teeth with a severely damaged crown.



## Minimum weakening of the root

The shank length of the DentinPost X Coated is merely 6 mm. Thanks to its short size, this root post is less invasive than any other post before. Its short anchoring depth ensures that the root is hardly weakened at all.

A finite element analysis confirmed that that appreciable tensions/forces do not occur in the apical part of short root posts.



## Excellent retention

To achieve a perfect retention, the DentinPost X Coated is completely coated with layers of silicate and silane and provided with an adhesion enhancing polymer layer.



## Quick and easy application

The DentinPost X Coated is available in the sizes 070 and 090. A selection of matching instruments facilitates a particularly effective and comfortable preparation of the recipient site of the canal. The newly developed reamer 196S can prepare the retention box and the post site at the same time, thus allowing a whole work step to be omitted.

### Material data:

Matrix: Epoxy resin with 60% glass fibres

### Coating:

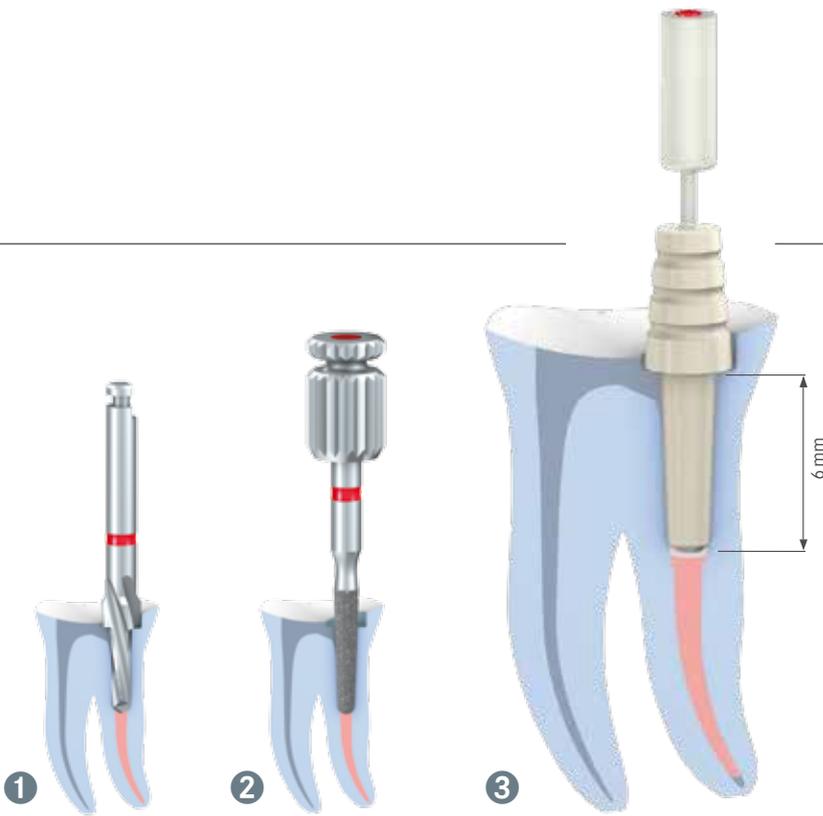
Layers of silicate, silane and polymer

### Bending/fracture resistance:

550 MPa (determined in experiments) or 1,500 - 1,600 MPa (Value according to ISO 14125)

### Modulus of elasticity:

30 GPa



[ 01 ] After the removal of the root filling (e. g. with the pilot drill 183LB), the reamer 196S prepares the retention box and the recipient site of the canal in just one step - to exactly 6 mm to ensure a perfect fit.

[ 02 ] Roughening of the root canal by manually rotating the 196DS without pressure twice or three times in the root canal - again, to a perfect fit of 6 mm.

[ 03 ] Easy and comfortable insertion of the completely coated DPXCL6 in size 070 or 090 with the practical handling element. Once the post has been inserted, the uncoated handling element is simply snapped off.



**196S**  
 ⚙️ opt. 1.000 rpm  
**Reamer**



**196DS**  
**Roughening instrument**



**DPXCL6**



ER System Brochure  
 ISBN 978-3-9816547-0-7  
 411474V0



● **DPXCL6.000.090**  
 ● **DPXCL6.000.070**



● **196S.204.090**  
 ● **196S.204.070**



● **196DS.644.090**  
 ● **196DS.644.070**



**Set 4650 | Set 4651**

Komet Dental

Gebr. Brasseler GmbH & Co. KG

Trophagener Weg 25 · 32657 Lemgo

Postfach 160 · 32631 Lemgo · Germany

Verkauf Deutschland:

Telefon +49 (0) 5261 701-700

Telefax +49 (0) 5261 701-289

info@kometdental.de

www.kometdental.de

Komet Austria Handelsagentur GmbH

Innsbrucker Bundesstraße 75

5020 Salzburg · Austria

Telefon +43 (0) 662 829-434

Telefax +43 (0) 662 829-435

info@kometdental.at

www.kometdental.at

Export:

Telefon +49 (0) 5261 701-0

Telefax +49 (0) 5261 701-329

export@kometdental.de

www.kometdental.de

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