

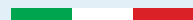
ENDODONTIC FIBER POSTS

CYLINDRICAL POSTS	GLASS	TRANSLUCENT	CARBON	RX GLASS	
Ø 0,8 mm. Ø 1,0 mm. Ø 1,2 mm. Ø 1,4 mm. Ø 1,7 mm.	 WP CY 08 WP CY 10 WP CY 12 WP CY 14 WP CY 17	 TP CY 08 TP CY 10 TP CY 12 TP CY 14 TP CY 17	 CP CY 08 CP CY 10 CP CY 12 CP CY 14 CP CY 17	 WP RX 08 WP RX 10 WP RX 12 WP RX 14 WP RX 17	
CONICAL POSTS 2%	GLASS	TRANSLUCENT	CARBON	GLASS 2% COLOR CODE	TRANSLUCENT 2% COLOR CODE
Ø 0,8 - 1,25 Ø 1,0 - 1,45 Ø 1,2 - 1,65 Ø 1,4 - 1,85	 WP CO2 08 WP CO2 10 WP CO2 12 WP CO2 14	 TP CO2 08 TP CO2 10 TP CO2 12 TP CO2 14	 CP CO2 08 CP CO2 10 CP CO2 12 CP CO2 14	 WP CLR CO 08 WP CLR CO 10 WP CLR CO 12 WP CLR CO 14	 TP CLR CO 08 TP CLR CO 10 TP CLR CO 12 TP CLR CO 14
CONICAL POSTS 2-4%	GLASS	TRANSLUCENT	CONICAL POSTS 4-6 %	GLASS	TRANSLUCENT
Ø 0,5 - 1,2 Ø 0,7 - 1,4 Ø 0,9 - 1,6 Ø 1,1 - 1,8	 WP CO 2-4/12 WP CO 2-4/14 WP CO 2-4/16 WP CO 2-4/18	 TP CO 2-4/12 TP CO 2-4/14 TP CO 2-4/16 TP CO 2-4/18	Ø 0,5 - 1,5 Ø 0,7 - 1,7 Ø 0,9 - 1,9 Ø 1,1 - 2,1	 WP CO 4-6/15 WP CO 4-6/17 WP CO 4-6/19 WP CO 4-6/21	 TP CO 4-6/15 TP CO 4-6/17 TP CO 4-6/19 TP CO 4-6/21
CONICAL POSTS 2% GRIPPER	TRANSLUCENT	OVAL POSTS	TRANSLUCENT		
Ø 0,8 - 1,25 Ø 1,0 - 1,45 Ø 1,2 - 1,65 Ø 1,4 - 1,85	 TPCO GR 08 TPCO GR 10 TPCO GR 12 TPCO GR 14	a 0,9 - b 1,5 a 0,9 - b 1,7 a 0,9 - b 1,9	 TP OV 15 TP OV 17 TP OV 19		
CONICAL REAMER 2-4%	CODE	CONICAL REAMER 4-6%	CODE		
Ø 0,5 - 1,2 Ø 0,7 - 1,4 Ø 0,9 - 1,6 Ø 1,1 - 1,8	 CO DR 2-4/12 ○ CO DR 2-3/14 ● CO DR 2-2/16 ● CO DR 2-1/18 ●	Ø 0,5 - 1,5 Ø 0,7 - 1,7 Ø 0,9 - 1,9 Ø 1,1 - 2,1	 CO DR 4-6/15 ○○ CO DR 4-6/17 ●● CO DR 4-6/19 ●● CO DR 4-6/21 ●●		
CYLINDRICAL REAMER RX REAMER	CODE		CONICAL REAMER 2% / GRIPPER REAMER	CODE	
Ø 0,8 mm. Ø 1,0 mm. Ø 1,2 mm. Ø 1,4 mm. Ø 1,7 mm.	 CY DR 08 / CY DR RX 08 CY DR 10 / CY DR RX 10 CY DR 12 / CY DR RX 12 CY DR 14 / CY DR RX 14 CY DR 17 / CY DR RX 17		Ø 0,8 - 1,25 Ø 1,0 - 1,45 Ø 1,2 - 1,65 Ø 1,4 - 1,85	 CO DR2 08 / CO DR 08 GR ○ CO DR2 10 / CO DR 10 GR ● CO DR2 12 / CO DR 12 GR ● CO DR2 14 / CO DR 14 GR ●	
MONOCORE	GLASS	ADAPT POST	FIT POST	POST BALL	
Ø da 0,7 a 1,4 mm L. post - 7 mm. Ø 1,1 a 1,7 mm. L. post - 9 mm.	SMALL  LARGE 			SMALL  LARGE 	

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MADE IN ITALY

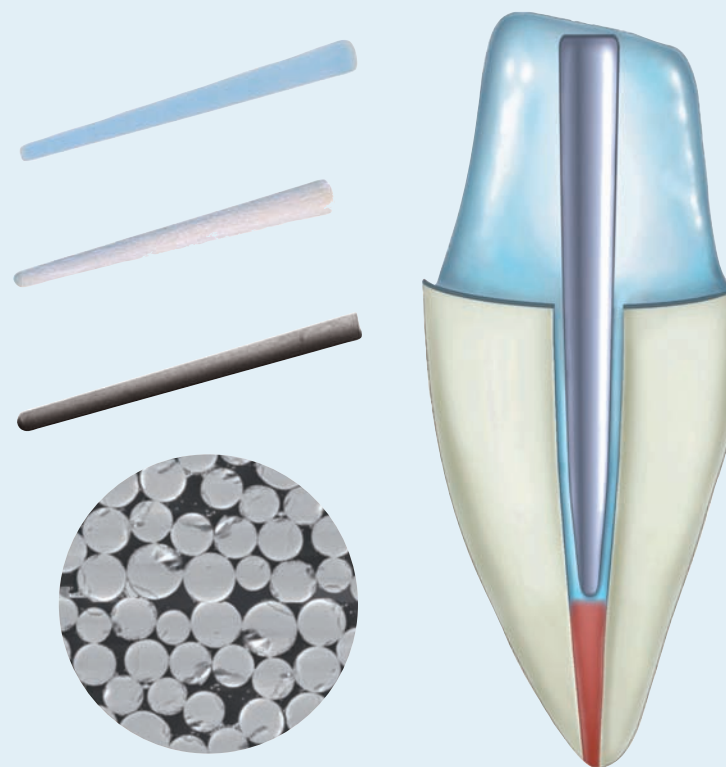


bioloren®
 metal free dental solutions



Fiber Posts

From aerospace research
to an innovative dentistry



CE 0546

Fiber Posts

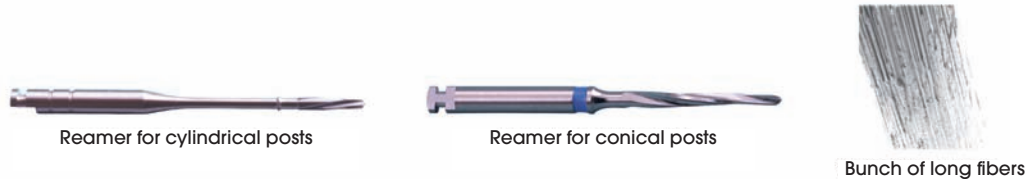
Bioloren patents

More than 12 million posts sold.
The largest range for every dentist need.

For large and narrow canals. For a safe, reliable and long-term reconstruction. Bioloren fiber posts have the highest available translucency and permit to use dual cements for a perfect cementation, as for latest protocols*.

* *Influence of luting agent translucency on fiber post retention. European Journal of Oral Science - 2015 -Ferrari-Garacci-Jeloski.*

3 materials: Triglase fiber, translucent and carbon fiber. No Bisphenol.



Characteristics

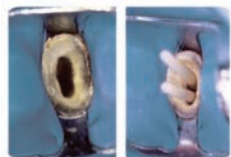
- Elasticity modulus similar to dentin
- Longitudinal fibers structure
- Absence of oxidation, corrosion, bimetalism
- Exceptional physical- mechanical properties
- Cylindrical, conical shape, with retentions
- Chemical biocompatibility between post, cement, dentin and restoration
- Easy to use and cost effective

Mechanical properties

Modulus of elasticity 0°	54 GPa
Tensile strength	1900 MPa
Flexural strength	1400 MPa
Compressive strength	360 MPa
Resilience (Charpy test)	300 kJ/m ²

Advantages

- Absence of root fractures
- Easy removal of post from root canal
- Stability and biocompatibility
- Uniform distribution of forces
- Absence of periodontic trauma
- Creation of Monobloc tooth-post-restoration
- Completion in one sitting



Insertion of 2 posts



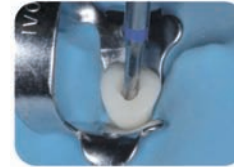
Cementation of a translucent post



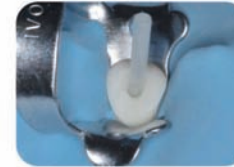
Restoration of a tooth with a translucent post

Cementation system

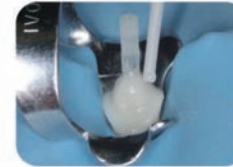
Bioloren posts contain the highest fiber density (>73%) offering a high reliability also on thinner sizes. The micro-roughness increases the contact surface of around 40%.



Preparation of root canal with the corresponding reamer



Insertion of the post



Post cementation: a lentulo is used to obtain a complete cementation



Build-up reconstruction



URC: Universal Resin Cement

URC is an anaerobic hardening cement. Definitive and color stable. Straight or angled mixing tips. -7 grams

Dual – Fluoride releasing – Hydrophilic - Self-etching - Sensitivity absence

The chemical nature of URC is hydrophilic, so in the wet environment of the mouth it perfectly links with natural structures.

URC permits a marginal seal without step and without micro-fractures, the main cause of failures.



6 ml

3 ml

ad+ adhesive system

ad+Mono is an adhesive based on patented monomer PMGDM. It has a high retention (>34 MPa) on enamel and dentin. Ideal for resin cements like URC.

ad+ACTIVATOR makes ad+mono dual. The adhesive cementation of URC with ad+ increases the adhesion of more than 30%.