

EXATEC Titan

Root Post System

Optimized stability of reconstruction

The conical apical part can be designed longer than a cylindrical shape and has an exceptionally small end. Due to these advantages the conical EXATEC posts can be inserted deeply into the root canal.

EXATEC

Passive root posts made of Titanium with a microrough surface.

EXATEC-S

Active root posts made of Titanium with a special shaped self-tapping thread.

The anchoring is made with maximum 3 rotations without putting strain to the dentine and with a torque of only 7,9 +/- 1,7 Ncm*) that is comparatively low.

Determined as part of a comparative dissertation (torque measurements on screw-type root canal post systems) by Klaus Gabert at the Rheinische Friedrich Wilhelms University of Bonn, 1994.

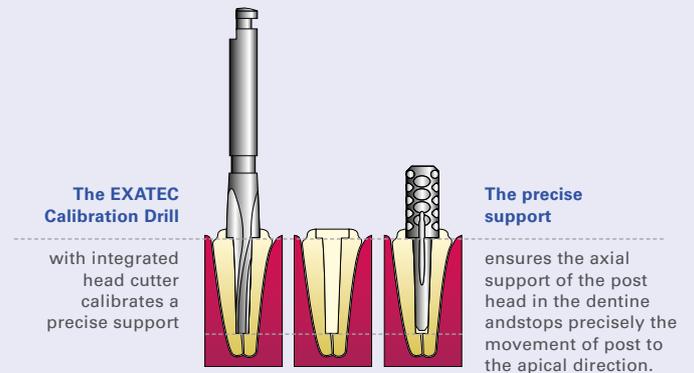
The System

A root post with a tapered apical part offers many advantages over a cylindrical post:

Due to the tapered shape, which corresponds to the natural contour of the tooth root, more tooth substance is preserved in the critical area of the root tip, thus minimizing the risk of root fractures.

At the transition from post to head, which is prone to breakage, the tapered EXATEC post has rounded transitions and a larger post cross-section compared to a cylindrical post of the same apical length. The EXATEC post thus has higher stability and achieves higher values in bending load tests.

The EXATEC calibration drill prepares a precisely fitting axial support for the EXATEC post head, which inherently determines the position where the post has dentin contact without exerting pressure on the root wall, as the downward movement of the post is precisely stopped at the axial support.



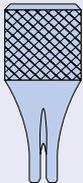
EXATEC-S root post exact placing
by using Glasionemercement Ketac Cem Radiopaque, because of a minimal grain size of 0,1 – 1, 2µm (magnification 10x)

EXATEC-Ti



- 2 cement escape grooves
- Large post cross-section (> 3 mm²) and rounded juncture provide for high strength
- Rounded tip

EXATEC-S



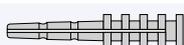
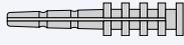
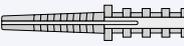
- 4 cement escape grooves
- Large post cross-section (> 3 mm²) and rounded juncture provide for high strength
- Self-tapping thread
- Rounded tip



REF 10000 + 10004 (empty)



EXATEC Titan

Root Post System		Post head-Ø apik. length apic. Stift Ø ▲ apic. Stift Ø ▼ mm	universal	2,6 6,6 1,461 0,98 mm	2,7 8,0 1,559 0,98 mm	2,8 9,7 1,681 0,98 mm	3,0 11,4 1,803 0,98 mm
		Code	–	white	yellow	blue	black
Instruments, universal for all Modules		Package of	REF				
	Pilot Drill with guiding tip	1	42010				
	Pilot Drill with cutting tip	1	43000				
	EXATEC Pilot Drill with cutting tip	1	42100				
	Calibration Drill	1		42001	42002	42003	42004
	Measuring Template	1	42050				
EXATEC-Ti							
Standard Set	2 Pilot Drill univ. 4 Calibration Drill 4x3 Root Posts	1	42300				
	Root Post	5		42311C5	42312C5	42313C5	42314C5
	Root Post	10		42311	42312	42313	42314
System Box + Organizer, leer		1+1	10004 + 10100				
EXATEC-S							
Standard Set	2 Pilot Drill univ. 4 Calibration Drill 4x3 Root Posts 1 Insertion-Tool	1	45500				
	Root Post	5		45511C5	45512C5	45513C5	45514C5
	Root Post	10		45511	45512	45513	45514
	Insertion-Tool	1	45522				
System Box + Organizer, empty		1+1	10005 + 10100				