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 in a comparative dissertation in 1994

The System

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

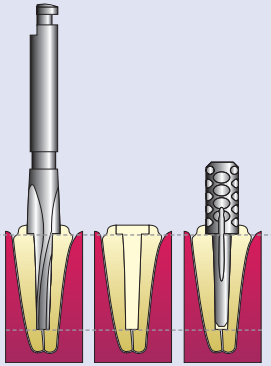
Due to the tapered shape, which corresponds to the natural contour of the tooth root, more tooth substance is preserved in the critical area of the root tip, thus minimizing the risk of root fractures.

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.

The Exatec Calibration Drill

with integrated head cutter calibrates a precise support



The precise support

ensures the axial support of the post head in the dentine andstops precisely the movement of post to the apical direction.

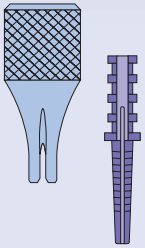
Exatec-S root post exact placing
by using Glasionenemercement Ketac Cem Radiopaque, because of a minimal grain size of 0,1 – 1, 2µm (magnification 10x)

Exatec Titan

Exatec–Ti

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

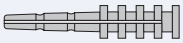
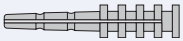
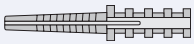
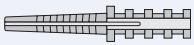
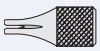
Exatec–S



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

REF 10 000 + 10 004 (empty)

Exatec Titan

Root Post System		Post head-Ø apik. lenghth 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**				
	Preshaping Drill with guiding tip	1	42 010				
	Preshaping Drill with cutting tip	1	43 000				
	Pilot Drill with cutting tip	1	42 100				
	Calibration Drill	1		42 001	42 002	42 003	42 004
	Measuring Template	1	42 050				
Exatec-Ti							
Standard Set	2 Preshaping Drill univ. 4 Calibration Drill 4x3 Root Posts	1	42 300				
	Root Post	5		42 311C5	42 312C5	42 313C5	42 314C5
	Root Post	10		42 311	42 312	42 313	42 314
System Box + Organizer, leer		1+1	10 004 + 10 000				
Exatec-S							
Standard Set	2 Preshaping Drill univ. 4 Calibration Drill 4x3 Root Posts 1 Insertion-Tool	1	45 500				
	Root Post	5		45 511C5	45 512C5	45 513C5	45 514C5
	Root Post	10		45 511	45 512	45 513	45514
	Insertion-Tool	1	45 522				
System Box + Organizer, empty		1+1	10 005 + 10 000				