

Intensiv Cerinlay Set

University of Berlin, Germany

Special diamond instruments for inlay cavity preparations according to methods developed by the University of Berlin

Restorations using ceramic inlays require simple preparations with rounded interior edges and sharp cavity margins without bevelling. The slightly tapered shape and suitable small diameters of these burs make undercut-free cavity preparation possible.

Product description

- 4 tapered burs with rounded edges, ISO sizes 014 and 018, head lengths 6.0 and 8.0mm, in 80µm grit for cavity preparation.
- 4 shape and dimension matching burs in 25µm grit for finishing fracture-free cavity margins.

Indication

- Preparation and finishing of ceramic inlay cavities for premolars and molars

Benefits

- Preparation method clinically tested at the University of Berlin
- Finishing of fracture-free enamel margins
- Split-free marginal integration of inlays



Intensiv Perio Set

Prof. K.H. Rateitschak, University of Basel, Switzerland

Diamond instruments for odontoplasty and mechanical root planing in periodontal treatments

Some important interventions in the treatment of periodontitis include the cleaning and polishing of the root surface. Supragingival and subgingival plaque as well as calculus and superficial endotoxin-containing cementum layers must be thoroughly removed. These are absolute preconditions for the complete healing and regeneration of the periodontal tissue.

Product description

- 12 burs with tapered and flame heads, ISO sizes 012, 014 and 016, in grits 75, 40 and 15µm, with either a short or long neck for each unit. They provide a supplement to the mechanical instrumental treatment of periodontitis.
- The coarse 75µm burs are used only in odontoplasty, for furcation enlargement and narrow root concavities.
- The fine grit 40µm burs are used for debridement of root surfaces. The two shapes enable root cleaning even in morphologically difficult areas.
- The 15µm burs are used for the final planing.

These burs are available only in RA and are used at rotation speeds of 6000 rpm, with reduced pressure application.

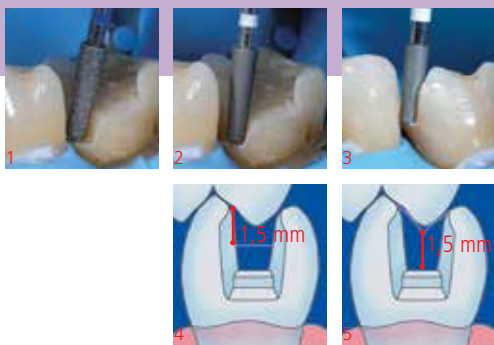
Indications

- Mechanical removal of supragingival and subgingival concretions
- Periodontal surgery (debridement of exposed root surfaces)
- Root planing
- Odontoplasty

Benefits

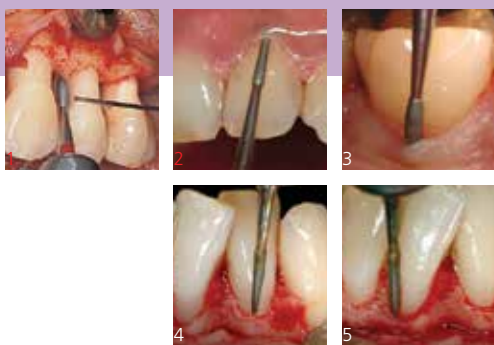
- Homogeneous smooth root surfaces
- Better access to difficult areas (furcations, root concavities, deep periodontal pockets)





- 1) Ceramic inlay cavity preparation with instrument FG 8526
- 2) Cavity finishing with instrument FG 3526
- 3) Cavity finishing with instrument FG 3525
- 4) Minimum diameter of the ceramic inlay 1.5mm
- 5) Minimum height of the ceramic inlay at the fissure 1.5mm

Ref. 011									
ISO ø 1/10 mm	014	014	018	018	013	013	018	018	
L mm	6.0	8.0	6.0	8.0	6.0	8.0	6.0	8.0	
µm	80	80	80	80	25	25	25	25	
524	<input checked="" type="checkbox"/>	8425	8427	8525	8526				
514	<input type="checkbox"/>					3425	3427	3525	3526
ISO No.	314 545	314 546	314 545	314 546	314 545	314 546	314 545	314 546	



- 1) Root planing in open treatment with instrument RA 740
- 2) Removal of subgingival concretions in closed treatment with instrument RA 415
- 3) Removal of subgingival concretions and plaque in posterior tooth with instrument RA 740
- 4) Root planing in open treatment with instrument RA 515
- 5) Root planing in open treatment with instrument RA 540

Ref. 045															
ISO ø 1/10 mm	014	013	012	016	014	014	014	014	013	012	016	014	014		
L mm	7.0	7.0	7.0	5.0	5.0	5.0	7.0	7.0	7.0	5.0	5.0	5.0			
µm	75	40	15	75	40	15	75	40	15	75	40	15			
524	<input checked="" type="checkbox"/>	475		675			575			775					
514	<input checked="" type="checkbox"/>		440			640			540			740			
504	<input checked="" type="checkbox"/>			415			615			515			715		
ISO No.	204 268	204 268	204 268	204 259	204 259	204 259	204 267	204 267	204 267	204 258	204 258	204 258			
Red = in RA only															