Intensiv PrepTwins

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Clinically tested by the University of Zurich, Switzerland

Diamond Polymer Finisher for refined shaping of all preparations

Finishing of preparation margins is essential and propaedeutic for the next treatment steps.
The removal of detached enamel prisms and irregular surfaces (so called wave structure) created by rotating instruments, allows an improvement and longer life span of intact restorations.

Product description

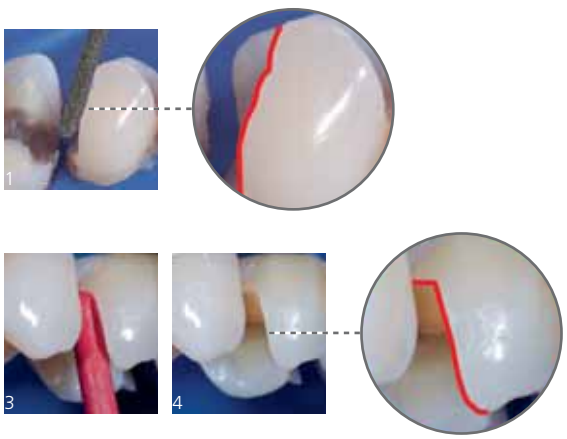
- Diamond Polymer Finisher highly loaded in 3 different diamond grains each to refine preparations.
- The diamond grains are marked in the polymer by the color brown (60µm), red (40µm) or yellow (15µm).
- Diamond instruments are covered by a polymer/diamond mixture, respecting the same form and dimension as the previous applied diamond instrument.
- The metal core below the polymer is coated with the same diamond grain as the diamond polymer mixture.
- Forms: ball, cylinder, flame, football, torpedo, tapered cone.
- Recommended speed: max 20.000 rpm with water spray, minimum 50ml/min.
- Length: ball 2mm, cylinder and tapered cone 10mm, flame 4mm, football 3.5mm, torpedo 6mm.
- Sterilizable, reusable.

Indication

- Finishing of the specific created preparation

Benefits

- Form congruent Diamond Polymer Finisher to the previous applied preparation diamond instrument
- Preserve specific created preparations
- Diamond coating on the metal core avoids metal signs on surface
- Selected grain in relation to the degree of adaptation



1) Initial situation 2) Finishing of cavity edges with Intensiv PrepTwins RA PT4882/6, cylinder, 40µm, visible irregulary margin caused by the rotating diamond instrument 3) Finishing advanced stage, visibly smoother cavity margin 4) Regular cavity margin preserving the specific created preparation

The metal core (a) below the polymer is diamond coated equally to the diamond grain in the polymer (b).

Intensiv PrepTwins, Trial Kit, 60µm
Ref. RA PT2460/6

Intensiv PrepTwins, Trial Kit, 40µm
Ref. RA PT2440/6

Intensiv PrepTwins, Trial Kit, 15µm
Ref. RA PT2415/6

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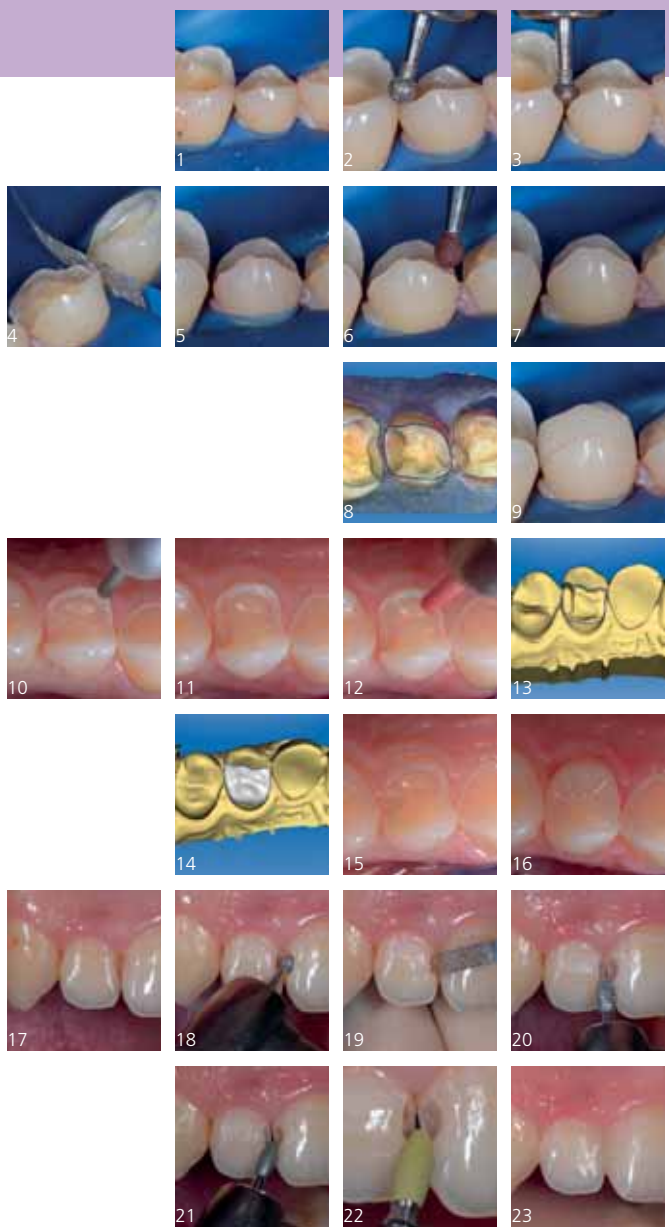


Clinical pictures: Dr. Alessandro Devigus, Bülach, Switzerland

Posterior bite-raising

1) Initial clinical case: creation of the Table top on elements 44, 45 and 46 for the production of ceramic inlays with the CAD/CAM system 2) Lowering of the interproximal crown margins with the FG 301, 90µm instrument 3) Deepening and mesial/distal opening of the interproximal space intended for positioning of the prosthetic device 4) Opening of proximal contacts, performed manually with Intensiv ProxoContour Coarse, characterized by 80µm grit and two rows of perforations 5) Preparation completed 6) Advanced preparation of the edges conducted with Intensiv PrepTwins RA PT801, 60µm, which allows for a distinctly improved optical image capture 7) Obvious improvement of the margins after being treated with the Finisher 8) Digital image that clearly shows the preparation margin 9) Edges are perfectly suited to the restoration

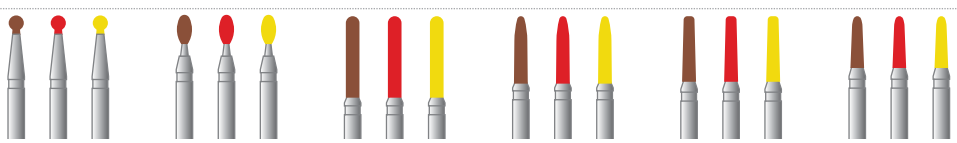
Bite-raising erosion

10) Creation of inlay on element 14: preparation of the edges with diamond-coated instrument FG 307L, 90µm 11) Performed preparation, elimination of insufficient composite restoration in distal area 12) Advanced preparation with Intensiv PrepTwins RA PT4882, 40µm 13) Optical impression highlighting the excellent margin preparation 14) Calculated digital image of the restoration 15) Evidence of the improvement of the preparation margins 16) Case concluded, cementing of the created inlay, ideal closure between dental tissue and restoration

Class III restoration

17) Initial case: Class III lesions on elements 12 and 11 18) Preparation of the two cavities with FG 201, 80µm diamond-coated instrument 19) Removal of detached enamel prisms and opening of the edges adjacent to the lesions in the palatal direction 20) Beveling of the margins with FG 255, 90µm diamond-coated instrument 21) Finishing of the margin with FG 4255, 40µm diamond-coated instrument 22) Advanced preparation and elimination of the irregularities carried out with Intensiv PrepTwins RA PT5368, 15µm: clear improvement of the state of the preparation margin 23) Case concluded

Intensiv PrepTwins
are available in packages of 6 pieces



ISO ø 1/10 mm		020	020	020	020	020	020
L mm		2.0	3.5	10.0	8.0	8.0	6.0
RA							
524	60µm	RA PT801/6	RA PT368/6	RA PT882/6	RA PT862/6	RA PT847KR/6	RA PT877K/6
514	40µm	RA PT4801/6	RA PT4368/6	RA PT4882/6	RA PT4862/6	RA PT4847KR/6	RA PT4877K/6
504	15µm	RA PT5801/6	RA PT5368/6	RA PT5882/6	RA PT5862/6	RA PT5847KR/6	RA PT5877K/6
ISO No.		204 001	204 257	204 142	204 249	204 546	204 297