

TIPS CATALOG

**Innovation,
Performance & Security**



OPTYMUS



ENDO



PERIO

PROPHYLAXIS

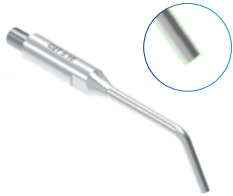




C22-E

Ø 1.2mm

- Pulp chamber preparation
- Angled preparation



C2T

Ø 1.6mm

- Core removal



CR4F-ST

Ø 1.6mm

- Camera wall straightening without tread wear



R1-E

Ø 1.0mm

- Pulp chamber preparation
- Calculus removal in the pulp chamber
- Compact and flatten gutta percha



TOT

Ø 0.3mm

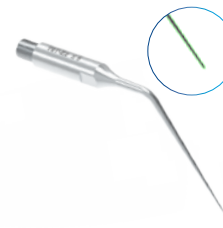
- Supra and sub-gingival conventional scaling



TOT-E1

Ø 0.3mm

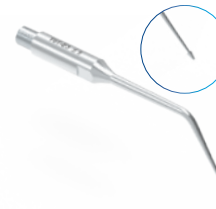
- Passive ultrasonic irrigation (P.U.I.)
- Activation of cement
- Gutta percha cutting and plating
- Cleaning of the isthmus areas
- Broken file removal



TOT-E2

Ø 0.3mm

- Passive ultrasonic irrigation (P.U.I.)
- Activation of cement
- Gutta percha cutting and plating
- Cleaning of the isthmus areas
- Broken file removal



TOT-E3

Ø 0.45mm

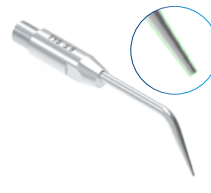
- Flat canal cleaning
- Retracting canal cleaning



TIF-2

Ø 0.5mm

- Retro-preparation in the previous



TIT

Ø 0.6mm

- Supra-gingival conventional scaling



TIF-E

Ø 0.5mm

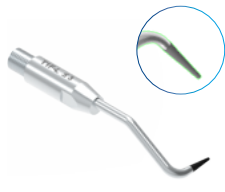
- Root canal location
- Removal of calculus/ isthmus



TIU-2

Ø 0.5mm

- Scaling on furc



TIF-L

Ø 0.5mm

- Retro-preparation in posteriors



TRIF-ST

Ø 0.5mm

- Wear in the isthmus region
- Refinement of the dental canal entrance



TIF-R

Ø 0.5mm

- Retro-preparation in posteriors



VI-E

Ø 1.2mm

- Pulp chamber walls fl attening



W1

0.5mm x 2.5mm

- Bone opening
- Apicectomy



WIT-O

0.4mm x 2.5mm

- Supra-gingival conventional scaling



WI-O

0.5mm x 2.5mm

- Bone opening
- Apicectomy



Photos: Prof. Rodrigo Villagra - Cleaning the pulp chamber and cutting and thermoplasticizing Guta-Percha

“ Along with CVDentus tips, ultrasound is a very important tool for those seeking excellence in endodontic treatment, as it helps in several steps, such as: conservative access surgery, cavity cleaning, PUI, nucleus removal, retreatment, among others. ”

PROF. RODRIGO VILLAGRA

Specialist in Endodontics



Clinical PLUS



ENDO



PERIO



DENTISTRY



PROSTHESIS

DentSurg PRO



ENDO



PERIO



CAVITY



SURGERY

PROSTHESIS
DENTISTRY





DENTISTRY

Clinical PLUS



CAVITY

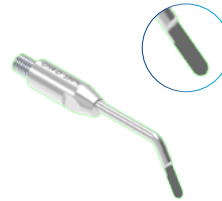
DentSurg PRO



C1

Ø1.2mm

- Angled preparation
- Bevelling



CH4-D

→ 1.6mm x 0.8mm

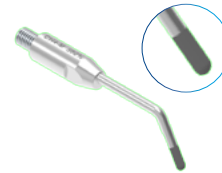
- Large cavity preparation in the proximal region (distal)



C22-E

Ø1.2mm

- Angled preparation



CH4-M

→ 1.6mm x 0.8mm

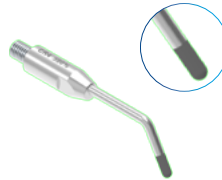
- Large cavity preparation in the proximal region (mesial)



CHI-D

→ 1.0mm x 0.5mm

- Small cavity preparation in the proximal region (distal)



CR4

Ø1.6mm

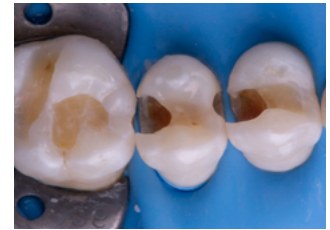
- Post-Bracket Resin Removal (thick layer)



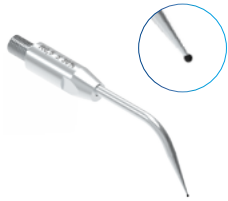
CHI-M

→ 1.0mm x 0.5mm

- Small cavity preparation in the proximal region (mesial)



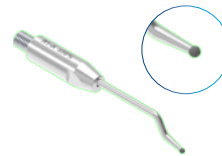
Photos: Prof. Gustavo Petris - Molar wear in an area of difficult access with conservation of the adjacent tooth



R0,5

Ø 0.5mm

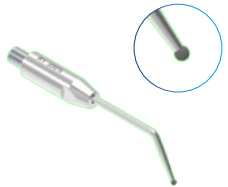
- Small caries removal



R1-A

Ø 1.0mm

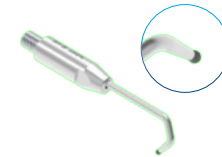
- Caries removal
- Cavity preparation in proximal area
- Cavity preparation (vestibular)
- Cavity preparation (tunnel with access from mesial)



R1

Ø 1.0mm

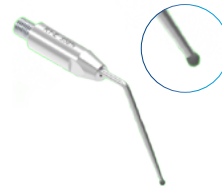
- Caries removal
- Cavity preparation in proximal area
- Papillary contour



R1-B

Ø 1.0mm

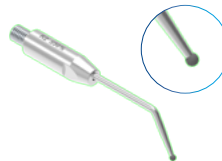
- Caries removal
- Cavity preparation (tunnel with total access)
- Cavity preparation (lingual area of anterior teeth)



R1-E

Ø 1.0mm

- Cavity preparation (tunnel)
- Papillary contour



R2

Ø 1.2mm

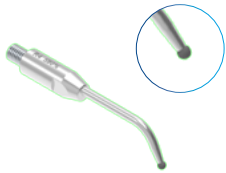
- Regular cavity preparation
- Caries removal

“ In Pediatric Dentistry, I recommend using the CVDentus R0.5 diamond tip: developed with high technology, it has the perfect size and angulation for small cavity preparations, allowing minimally invasive procedures. ”

DRA. LIETE YASSUDA

Specialist in Pediatric Dentistry

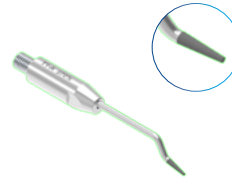




R4

Ø 1.5mm

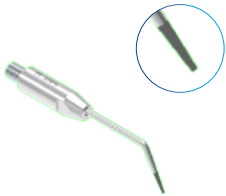
- Regular cavity preparation
- Large caries removal



T1A

Ø 0.5mm

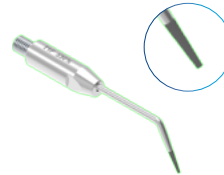
- Root fractioning



T1

Ø 0.5mm

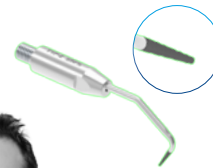
- Regular cavity Preparation
- Amalgam and resin removal from retoration
- Preparation of pits and fissures with incipient lesions



T1F

Ø 0.5mm

- Finishing on resin/ Texturing
- Resin removal finishing (post bracket)
- Restorative material excess removal intrapapillary, supra and subgingival



T1F-2

Ø 0.5mm

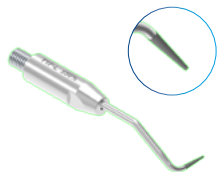
- Restorative material excess removal intrapapillary, supra and subgingival

“ Safety and precision is all I need in my daily practice, as a general practitioner. Being able to work with CVDentus brings ease in all procedures that I perform, from the simplest to the most complex, in addition to being completely portable and having an innovative and bold design. ”

PROF. GUSTAVO PETRIS

Master in Dental Clinic - Biomaterials and Specialist in Implantology.

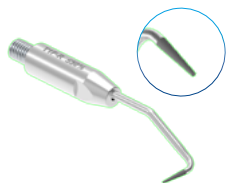




TIF-L

∅ 0.5mm

- Restorative material excess removal intrapapillary, supra and subgingival



TIF-R

∅ 0.5mm

- Restorative material excess removal intrapapillary, supra and subgingival



WI

0.5mm x 2.5mm

- Amalgam and resin removal (large)
- Slice



WI-O

0.5mm x 2.5mm

- Amalgam and resin removal (large)



“ With CVDentus diamond, it is possible to make treatments and preparations that no other tip can do. It's spectacular! ”

PROF. DIRCEU VIEIRA

Doctor and Master Dentistry, Coordinator of Specialization courses at ABO Osasco, Santos and ABS - São Paulo.



ENDO

Clinical PLUS

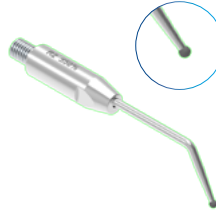
DentSurg PRO



C22-E

Ø1.2mm

- Pulp chamber preparation



R2

Ø1.2mm

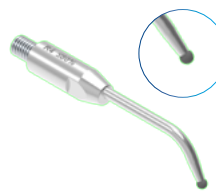
- Pulp chamber access



C2T

Ø1.6mm

- Core removal



R4

Ø1.5mm

- Pulp chamber access



CR4F-ST

Ø1.6mm

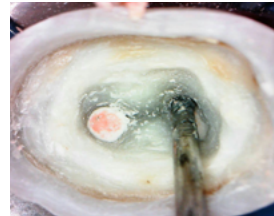
- Camera wall straightening without tread wear



R1-E

Ø1.0mm

- Access and preparation of the pulp chamber
- Calculus removal in the pulp chamber
- Compact and flatten gutta percha



Doctor and Master Dentistry, Coordinator of Specialization courses at ABO Osasco, Santos and ABS - São Paulo.



TOT-E1

Ø 0.3mm

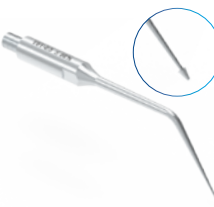
- Passive ultrasonic irrigation (P.U.I.)
- Gutta percha cutting and plasting
- Broken file removal
- Cleaning of the isthmus areas
- Activation of cement



TOT-E2

Ø 0.3mm

- Passive ultrasonic irrigation (P.U.I.)
- Gutta percha cutting and plasting
- Broken file removal
- Cleaning of the isthmus areas
- Activation of cement



TOT-E3

Ø 0.45mm

- Flat channel cleaning
- Retracting channel cleaning



TIF-2

Ø 0.5mm

- Retro-prepared surgery in previous



TIF-E

Ø 0.5mm

- Root canal location
- Calculus / Isthmus removal



“ These 2 inserts are very interesting, the TR1F-ST works in the region of fine and refines the entrance of the canal, and the CR4F-ST performs finishing and smoothing of the pulp chamber walls, guaranteeing the safety of the procedures and extreme quality in the preparations. ”

PROF. RODRIGO VILLAGRA

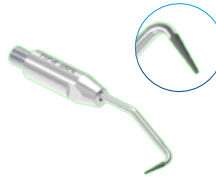
Specialist in Endodontics.



TRIF-ST

Ø 0.5mm

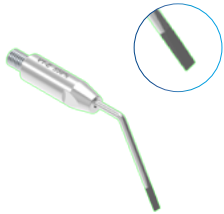
- Wear in the isthmus region
- Refinement of the dental canal entrance



TIF-R

Ø 0.5mm

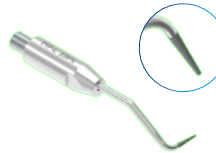
- Retro-preparation on posteriors



VI-E

Ø 1.2mm

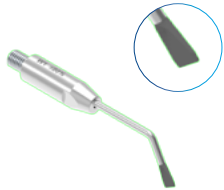
- Pulp chamber walls flattening



TIF-L

Ø 0.5mm

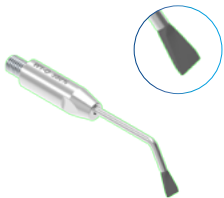
- Retro-preparation on posteriors



W1

0.5mm x 2.5mm

- Apicectomy
- Bone opening



W1-O

0.5mm x 2.5mm

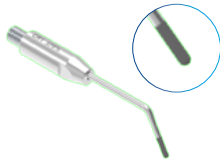
- Apicectomy



PERIO

Clinical PLUS

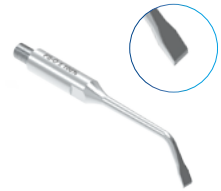
DentSurg PRO



CR1

Ø1.2mm

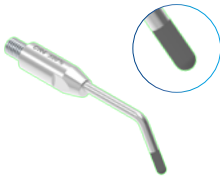
- Gingival peeling



FS-O

✦ 0.4mm x 2.5mm

- Crown lengthening with flap opening (bone volume reduction)



CR4

Ø1.6mm

- Gingival peeling



Photos: Prof. Diego Bazan: Gingival peeling and postoperative

“ I use diamond tips because they are better, effectively proven. Better than laser peeling surgery or an urban scalpel. The pigments are slow to reappear and many times they never appear again. ”

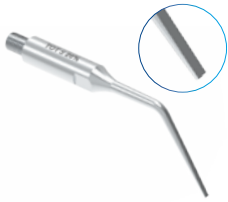
DRA. DÉBORA AYALA

Master in Laser, Specialist in Periodontics, Specialist in Restorative Dentistry and Specialist in Implantology.

“ Among the most diverse applications, Cvdentus tips also allow melanoplasty to be performed with great safety and comfort for the patient. ”

PROF. DIEGO BAZAN

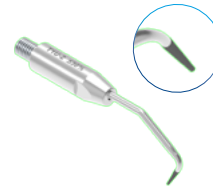
Dental surgeon, specialist in Maxillofacial Surgery, Periodontics and Implantology.



TOT

Ø 0.5mm

- Supra and sub-gingival conventional scaling



TIU-2

Ø 0.5mm

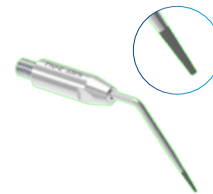
- Scaling on furc



TIT

Ø 0.6mm

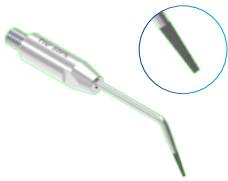
- Supra-gingival conventional scaling



TIU-E

Ø 0.5mm

- Sub-gingival scaling with Diamond



TIU

Ø 0.5mm

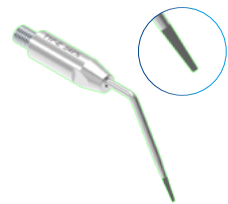
- Supra-gingival scaling with Diamond



TRIU-SD

Ø 0.5mm

- Supragingival scaling with diamond on the sides



TIF-E

Ø 0.5mm

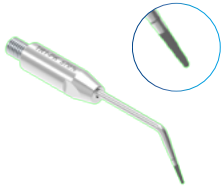
- Root planing



WIT-O

0.4mm x 2.5mm

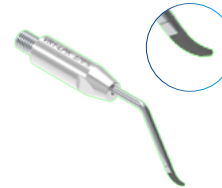
- Supra-gingival conventional scaling



TRI-PK

Ø0.5mm

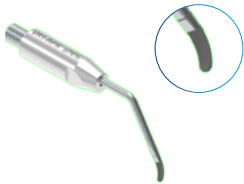
- Flapless crown lengthening (bone wear)



VR1-LPK

Ø1.2mm

- Flapless crown lengthening (bone wear)



VR1-RPK

Ø1.2mm

- Flapless crown lengthening (bone wear)



Photo: Prof. Paulo Kano - Detail of excess gum removed



Photo: Prof. Paulo Kano - Postoperative (1 Day)

“

I use CVDentus diamond inserts to increase crown without flap opening, without damage to gingival tissue, better precision, providing more comfort to the patient with a faster postoperative period.

”

PROF. PAULO KANO

Master in Implantology, Director of the Paulo Kano Institute, Creator and Developer of the Clones method, Creator of the AST (Natomic Shell Technique) / SKIN Concept and Dental technician.



Photo: Prof. Marcelo de Faveri - Flapless Surgery



PROSTHESIS

Clinical PLUS



CAVITY

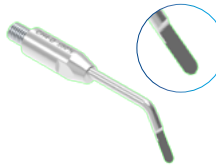
DentSurg PRO



C1

Ø1.2mm

- Bevelling
- Preparation finishing



CH4-D (distal)

1.6mm x 0.5mm

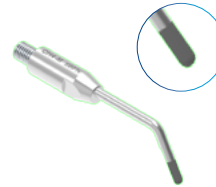
- Preparation finishing
- Cavity preparation for veneers (wide margin)



C2T

Ø1.6mm

- Core removal



CH4-M (mesial)

1.6mm x 0.5mm

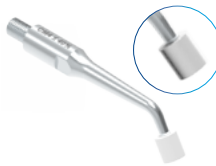
- Preparation finishing
- Cavity preparation for veneers (wide margin)



CHI-D (distal)

1.0mm x 0.5mm

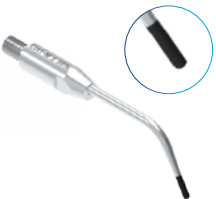
- Preparation finishing
- Cavity preparation for veneers (thin margin)



CM4

Ø3.7mm

- Veneers and prosthesis cementation



CHI-M (mesial)

1.0mm x 0.5mm

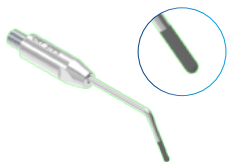
- Preparation finishing
- Cavity preparation for veneers (thin margin)



Photo: Prof. Ricardo Bertholdi - Cementation



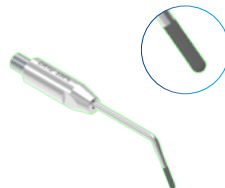
Photo: Prof. Rogério Marcondes - Cementation. Perfect placement of the ceramic artifact.



CR1

Ø1.2mm

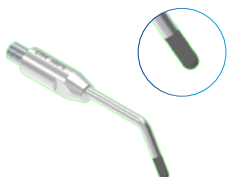
- Preparation finishing (thin margin)



CR1U

Ø1.2mm

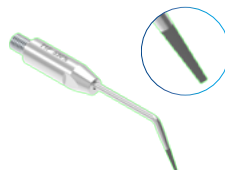
- Thin margin preparation polishing
- Veneers immediate dentin sealing hybridization



CR4

Ø1.6mm

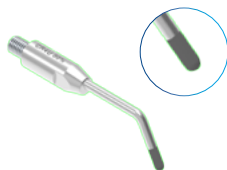
- Preparation finishing (wide margin)



TIF

Ø0.5mm

- Finishing on resin/ Texturing
- Cad/Cam: Temporary cement removal



CR4U

Ø1.6mm

- Wide margin preparation polishing
- Veneers immediate dentin sealing hybridization

“

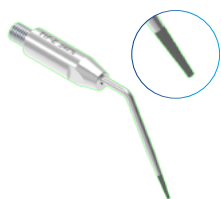
CVDentus' CM4 Cementing tip is a unique product on the world market, which provides a perfect settlement of ceramic artifacts, regardless of the viscosity of the cementing material.

”

PROF. ROGÉRIO MARCONDES

Specialist in Restorative Dentistry, Founding Member of Paraná Dental Team and Clinical Director of Dental Esthetic Center and Professor at Dental Esthetic Center Training.





TIF-E

Ø 0.5mm

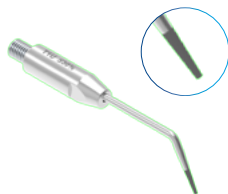
- Texturing



W1

0.5mm x 2.5mm

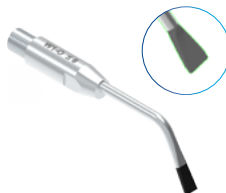
- Odontosection
- Facet and contact lens removal



TIU

Ø 0.5mm

- Veneers immediate dentin sealing hybridization
- Polishing on preparation for veneers



W1-O

0.5mm x 2.5mm

- Odontosection
- Facet and contact lens removal

“

With the use of the CVDentus piezo and W1 tip, I can completely remove the contact lenses. I make a section, and with the dilation I make the scaling. A very quick, simple procedure, without damaging the tooth.

”

PROF. GUSTAVO GRECO

PhD in Dentistry, Master in Dental Prosthesis Specialist, Coordinator of the Specialization Course in Dental Prosthesis and Implantology - ABO-MG.



Photo: Prof. Renato Voss - End of preparation



Photo: Prof. Gustavo Greco - Facet removal



SURGERY

DentSurg **PRO**



SE1

∅ 3.9mm

- Sinus membrane detachment



SF3F-O

∥ 0.40mm

- Autogenous chip bone collection
- Unkilosed root fraction
- Alveolar inferior nerve lateralization



SF3

∥ 0.28mm

- Distraction osteogenesis
- Bone block collection (bone grafting)
- Alveolar inferior nerve lateralization
- Split Crest
- Unkilosed root fractioning
- Maxillary disjunction

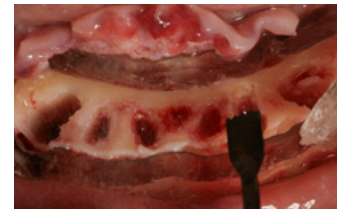


Photo: Prof . Alan Costa and Shaban Burgoa - Bone-Guided Regularization

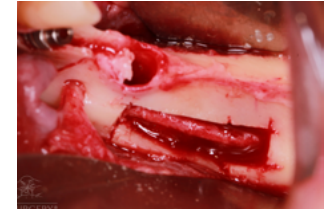


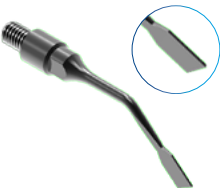
Photo: Prof . Ricardo Scotton - Lateralization of the inferior Alveolar Nerve



SF38

∥ 0.28mm

- Distraction osteogenesis
- Bone block collection (bone grafting)
- Alveolar inferior nerve lateralization
- Split Crest
- Unkilosed root fractioning
- Maxillary disjunction



SF3F

∥ 0.40mm

- Sinus lifting
- Split Crest



“ I use the tips SF3 and SF38 due to their high cutting power, always preserving the largest amount of material with great predictability and safety. ”

PROF. RICARDO SCOTTON

Master and Specialist in Implantology,
Coordinator of the Advanced Surgery In
Surgery course.



SF3-L (left)

0.40mm

- Bone block collection (bone grafting)
- Sinus lifting
- Alveolar inferior nerve lateralization



SFTV-O

0.40mm

- Periotomy in all elements
- Delicate corticotomy



SF3-R (right)

0.40mm

- Bone block collection (bone grafting)
- Sinus lifting
- Alveolar inferior nerve lateralization



SFTV2-O

0.40mm

- Opening of surgical bone stores
- Apicectomy
- Osteotomy around apexes or fractured Implants



SFS3-O

0.40mm

- Scraping and collecting autogenous bone

“

The SFTV2-O tip can be used both for opening a surgical store, apicectomy and osteotomy around fractured apexes and implants, as well as for delicate osteotomies allowing to solve complicated situations with a minimum of bone loss. ”

PROF. TÚLIO VALCANAIA

Specialist, Master and Doctor in
Buccomaxillofacial Surgery and
Traumatology, Partner and Director of IOA
- Institute of Dentistry of the Americas and
Partner and Director of IOA Miami - USA.



Photo: Prof. Túlio Valcanaia - Detachment and extraction of the premolar



SI

- Guide for SCP

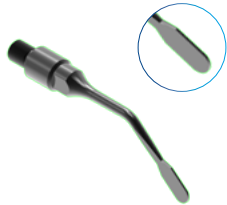
∅ 3.0mm
3.5mm
3.8mm
4.1mm
4.8mm



SCP

- Implant drilling
- Autogenous chip bone collection
- Trepine

∅ 3.0mm
3.5mm
3.8mm
4.1mm
4.8mm



SL1

- Osteotomy in proximity to soft tissues

∅ 0.28mm



SR2

- Initial drilling for implant placement

∅ 1.3mm



SLTV-O

- Retail detachment
- Periostomy of molars
- Sinus membrane detachment

∅ 0.40mm



SR4

- Bone perforation

∅ 1.5mm



I N F I N I T Y

Drills



FR4-H

Ø 1.6mm

- Occlusal adjustment
- Prosthetic preparation, rounding off the living angles for porcelain crowns



TR18-H

Ø 0.5mm

- Prosthetic preparation
- Bevel of the finishing line



TR38-H

Ø 1.0mm

- Crown preparation
- Prosthesis removal
- Removal of restorative material



Photo: Wear without damaging the soft tissue

* Merely illustrative images.



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