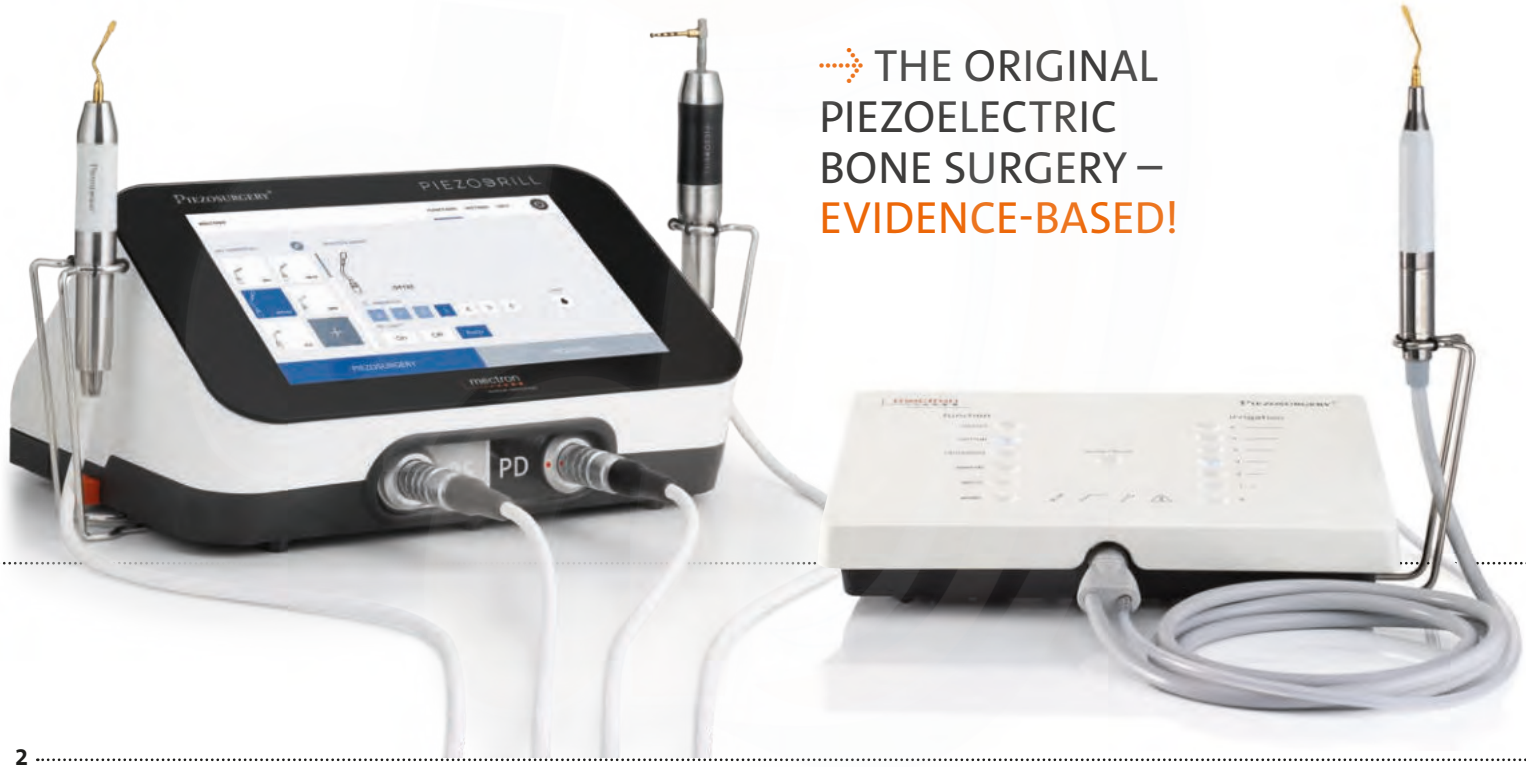
mectron

DepoDent



MECTRON
PIEZOSURGERY® AND PIEZODRILL® INSERTS

PIEZOSURGERY® AND PIEZODRILL®



THE ORIGINAL PIEZOELECTRIC BONE SURGERY – EVIDENCE-BASED!

PIEZODRILL® PIEZOSURGERY®

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PIEZOSURGERY® AND PIEZODRILL® TECHNIQUE

MECTRON HAS DEFINED A NEW DIMENSION IN BONE SURGERY



- It's simple, stress-free and selective
- It increases the quality and success for you and your patients



PIEZOBRILL® PIEZOSURGERY®

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MT-BONE is not only introducing the new PIEZODRILL® technology but also ushering in a new era of PIEZOSURGERY® with enhanced power, improved insert control, and an innovative unit setting.

- MICROMETRIC CUTS: optimal surgical precision and intra-operative sensitivity
- SELECTIVE CUTS: minimal damage to soft tissue, offering safety for you and your patients
- CAVITATION EFFECT: optimal intra-operative visibility and a blood-free surgical site
- HISTOLOGICAL ADVANTAGE: more favorable bone healing in osseointegration process



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INSERT QUALITY







PRECISION

A CNC controlled 5-dimensional sharpening machine cuts with an accuracy of up to 0.01 mm.
The whole cutting process for a single insert last up to 12 min.

MATERIAL

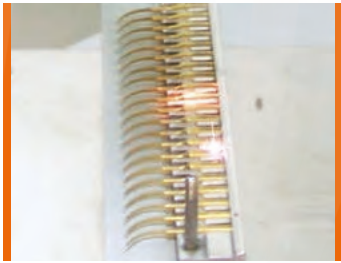
mectron ultrasound inserts are built with medical grade, high quality, stainless steel.

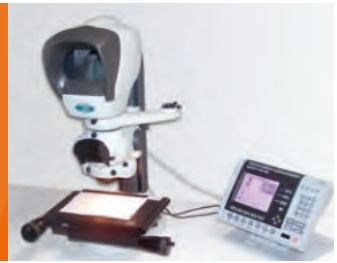
HIGH END INSERTS FOR PROFESSIONALS

Each mectron ultrasound insert will pass through 12 working steps









DIAMOND COATING

Depending on the indication, the inserts are coated with specially selected diamonds. The granulometry of the diamond coating is adapted to the respective treatment.

TITANIUM NITRIDE COATING

A coating of titanium nitride, applied to inserts which treat bone, increases the hardness of the surface, avoids corrosion and therefore increases working life.

LABELING

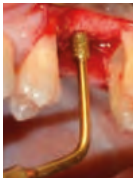
Each insert is gently labeled by a laser.

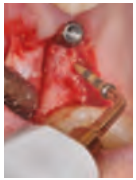
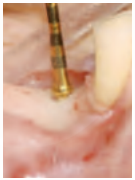
QUALITY CHECK

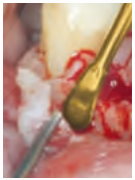
Each insert is checked in detail before getting an OK for the sales.

INDICATIONS

SINUS LIFT TECHNIQUE CRESTAL APPROACH	SINUS LIFT TECHNIQUE LATERAL APPROACH	IMPLANT SITE PREPARATION - PIEZOSURGERY®		IMPLANT SITE PREPARATION - PIEZODRILL®	RIDGE EXPANSION	PERIOSTEUM PREPARATION	EXTRACTIONS	THIRD MOLAR EXTRACTION	EXPLANTATION
PIEZO-LIFT	STANDARD	STANDARD	OPTIONAL	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
PL1	OP3	IM1S	IM1 AL	PD0620A	OT7	PR1	EX1	EXL1	EXP3-R
PL2	OT5	IM2A	IM2A-15	PD0223A	OT7S-4	PR2	EX2	EXL2	EXP3-L
PL3	SLC	IM3A	IM2.8A	PD0328A	OT7S-3		EX3	EXL3	EXP4-R
PL0419	SLO-H	IM4A	IM3A-15	PD0432A	OT12		PS2	OPTIONAL	EXP4-L
PL0527	SLS	IM2P	IM3.4A	PD0535A	OPTIONAL		EX0410	EX1	
PL0631	SLE1	IM3P	IM2P-15	PD0620B	OP5		EX0510	SLO-H	
PL0719	SLE2	IM4P	IM2.8P	PD0223B	OT2		EX0610		
	EL1	OT4	IM3P-15	PD0328B	OT4				
	OPTIONAL	P2-3	IM3.4P	PD0432B	OT7A				
	OT1	P3-4	PIN IM1	PD0535B	OT12S				
	OT1A		PIN IMS	OPTIONAL	OT7-20				
	OT5A		PIN 2-2.4	PD0118A					
	OT5B			PD0118B					
	EL2								
	EL3								






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BONE BLOCK GRAFTING

→ STANDARD

- OT7
- OP5
- OT8L
- OT8R
- OT12

→ OPTIONAL

- OT6
- OT7A
- OT7S-4
- OT7S-3
- OT12S
- OT7-20

ALVEOLAR DEBRIDEMENT

→ STANDARD

- OP1125
- OP1225

BONE CHIP GRAFTING/ BONE MODELING

→ STANDARD

- OP3
- SLC

→ OPTIONAL

- OP1
- OP2
- OP3A

ENDODONTICS

→ STANDARD

- OP7
- PS2
- EN1
- EN2
- EN3
- EN4

→ OPTIONAL

- EN5R
- EN5L
- EN6R
- EN6L
- OP3

OSTEOTOMY CLOSE TO NERVES

→ STANDARD

- OT1
- OT5

CORTICOTOMY TECHNIQUE

→ STANDARD

- OT7S-4
- OT7S-3

→ OPTIONAL

- OT7
- OT7A

PERIODONTAL SURGERY

→ STANDARD

- OP5A
- OP8
- OP9
- OT13
- OT14
- OP5
- OP3
- PS2
- PP1
- ICP + IC1

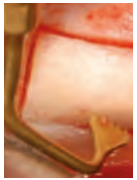
→ OPTIONAL

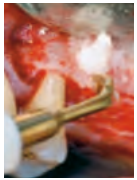
- PS1
- PS6
- PP10
- PP11
- PP12
- OP2
- OP3A
- OP4
- OP6

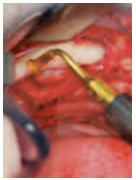
CROWN PREPARATION

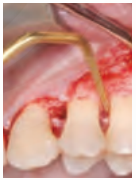
→ STANDARD

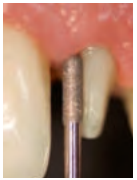
- DB2
- CROWN PREP TIPS
- TA12D90* **Ø 1.2 mm**
- TA12D60*
- TA14D120* **Ø 1.4 mm**
- TA14D90*
- TA14D60*
- TA16D120* **Ø 1.6 mm**
- TA16D90*
- TA16D60*
- TF12D90* **Ø 1.2 mm**
- TF12D60*
- TF16D90* **Ø 1.6 mm**
- TF16D60*











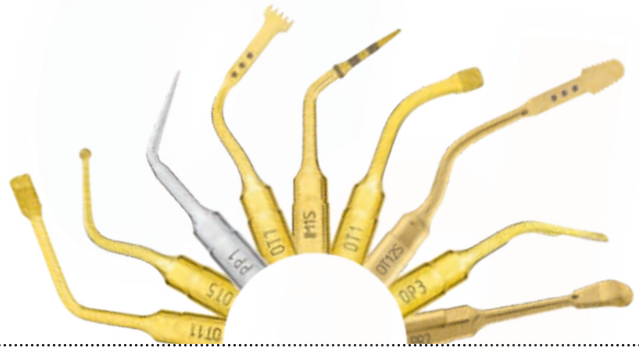
* D120, D90, D60 = diamond coating

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PIEZOSURGERY® SETS

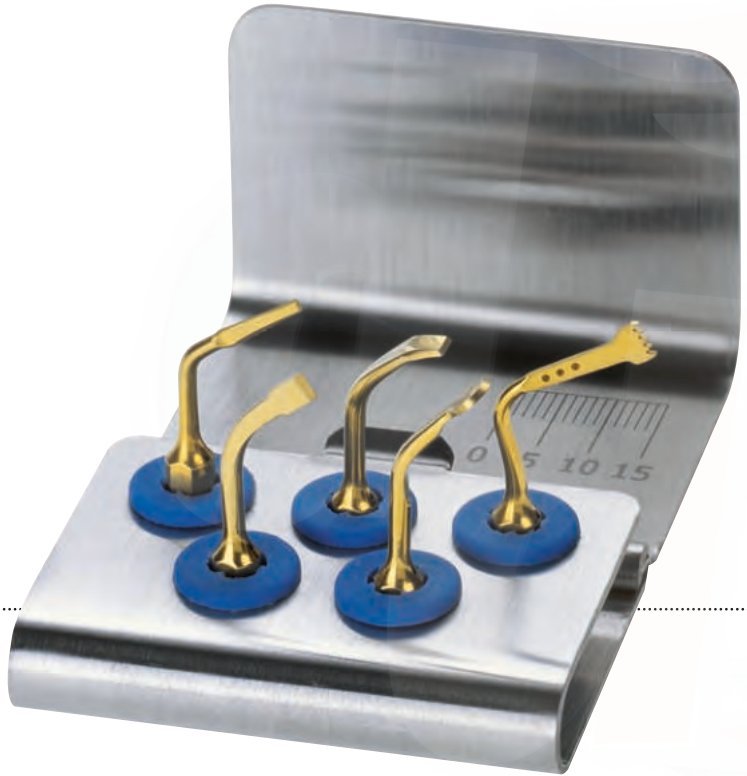
PIEZOSURGERY® INSERT SETS

Mectron offers a range of PIEZOSURGERY® insert sets specifically designed to meet the unique needs of various clinical applications.





BASIC SET



EQUIPPED WITH:

1 insert OT7
1 insert OT2
1 insert EX1
1 insert OP1
1 insert OP3
1 insert tray

OT7 | OT2 | EX1 | OP1 | OP3



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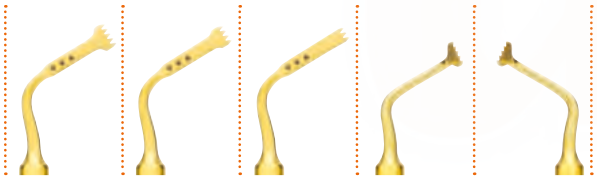
OSTEOTOMY SET

EQUIPPED WITH:

1 insert OT7
1 insert OT7S-4
1 insert OT7S-3
1 insert OT8R
1 insert OT8L
1 insert tray



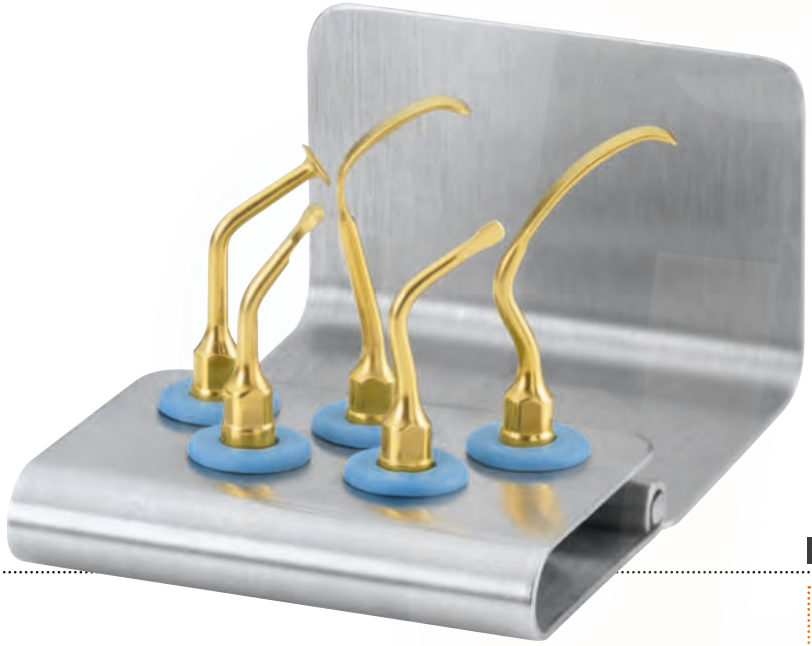
OT7 | OT7S-4 | OT7S-3 | OT8R | OT8L



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SINUS LIFT LATERAL SET*



EQUIPPED WITH:

1 insert SLC
1 insert SLO-H
1 insert SLS
1 insert SLE1
1 insert SLE2
1 insert tray



*developed in collaboration with Prof. Tomaso Vercellotti and Dr. Philippe Russe

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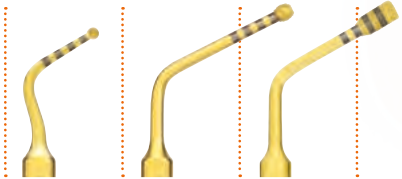
PIEZO LIFT SET*

EQUIPPED WITH:

1 insert PL1
1 insert PL2
1 insert PL3
1 insert tray



PL1 PL2 PL3



* developed in collaboration with Prof. Tomaso Vercellotti

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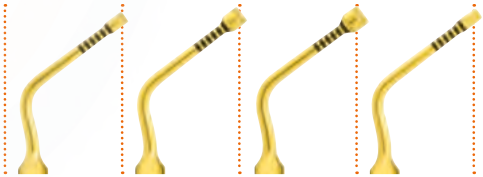
MANUAL PIEZO LIFT SET*



EQUIPPED WITH:

1 insert PL0419
1 insert PL0527
1 insert PL0631
1 insert PL0719
1 insert tray

PL0419 PL0527 PL0631 PL0719



* developed in collaboration with Dr. Edgard El Chaar

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SINUS LIFT SET*

EQUIPPED WITH:

1 insert OT1
1 insert OT5
1 insert EL1
1 insert EL2
1 insert EL3
1 insert tray



OT1 OT5 EL1 EL2 EL3



* developed in collaboration with Prof. Tomaso Vercellotti

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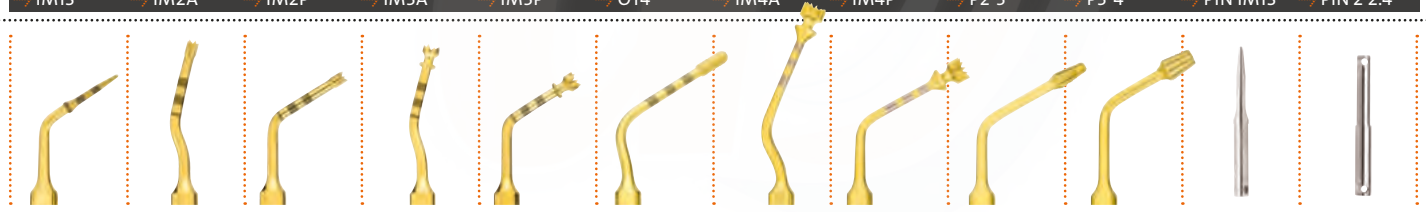
IMPLANT PREP PRO SET*



EQUIPPED WITH:

1 insert IM1S
1 insert IM2A
1 insert IM2P
1 insert IM3A
1 insert IM3P
1 insert OT4
1 insert IM4A
1 insert IM4P
1 insert P2-3
1 insert P3-4
3 pins IM1S
3 pins 2-2.4
1 implant insert tray

IM1S · IM2A · IM2P · IM3A · IM3P · OT4 · IM4A · IM4P · P2-3 · P3-4 · PIN IM1S · PIN 2-2.4



* developed in collaboration with Prof. Tomaso Vercellotti

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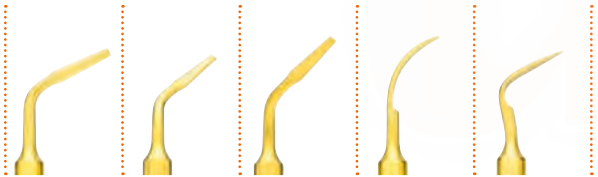
EXTRACTION SET*

EQUIPPED WITH:

1 insert EX1
1 insert EX2
1 insert EX3
1 insert PS2
1 insert PS6
1 insert tray



EX1 EX2 EX3 PS2 PS6

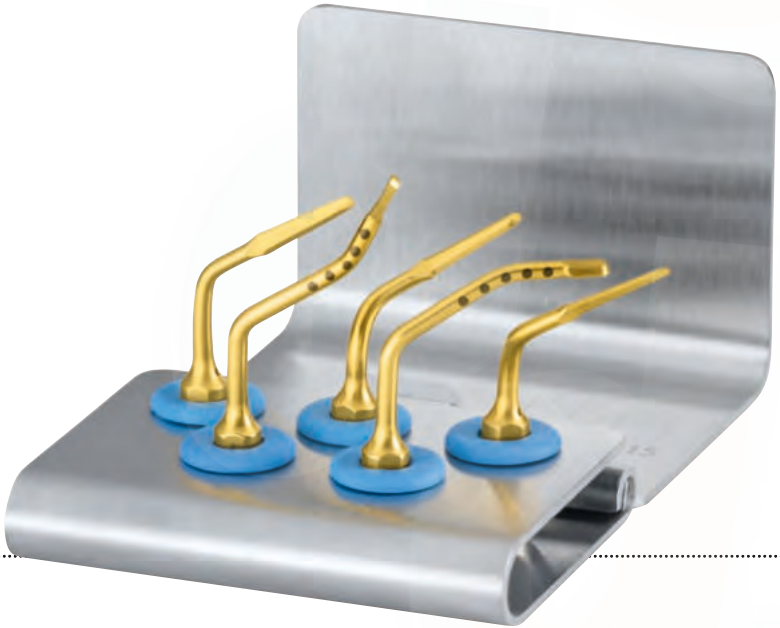


*** developed in collaboration with Prof. Tomaso Vercellotti**

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ADVANCED EXTRACTION SET*



EQUIPPED WITH:

1 insert EX0410
1 insert EX0510
1 insert EX0610
1 insert OP1125
1 insert OP1225
1 insert tray

EX0410 EX0510 EX0610 OP1125 OP1225



* developed in collaboration with Prof. Tomaso Vercellotti

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THIRD MOLAR EXTRACTION SET*

EQUIPPED WITH:

1 lever EXL1
1 lever EXL2
1 lever EXL3
1 insert EX1
1 insert SLO-H
1 insert tray





* developed in collaboration with Dr. Fabrizio Fontanella

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EXPLANTATION SET



EQUIPPED WITH:

1 insert EXP3-R
1 insert EXP3-L
1 insert EXP4-R
1 insert EXP4-L
1 insert tray

EXP3-R EXP3-L EXP4-R EXP4-L

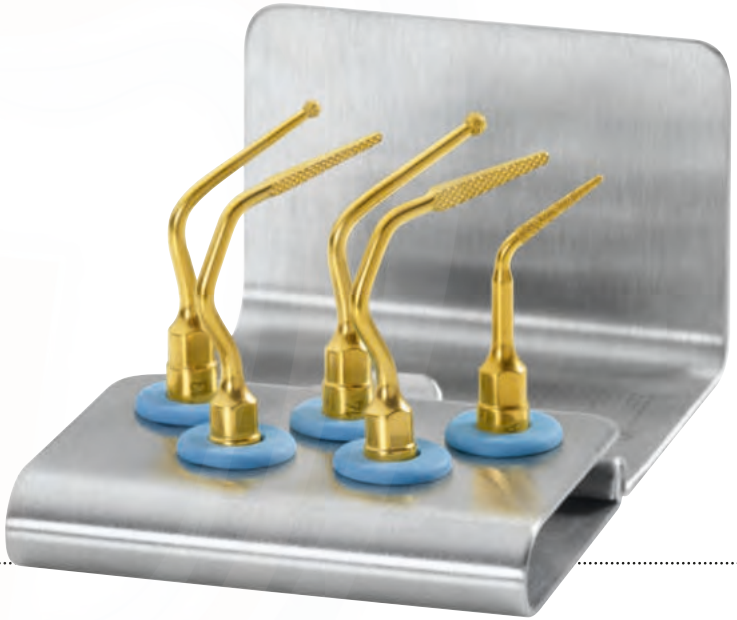


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RESECTIVE PERIO SET*

EQUIPPED WITH:

1 insert OT13
1 insert OT14
1 insert OP5A
1 insert OP8
1 insert OP9
1 insert tray



OT13 OT14 OP5A OP8 OP9

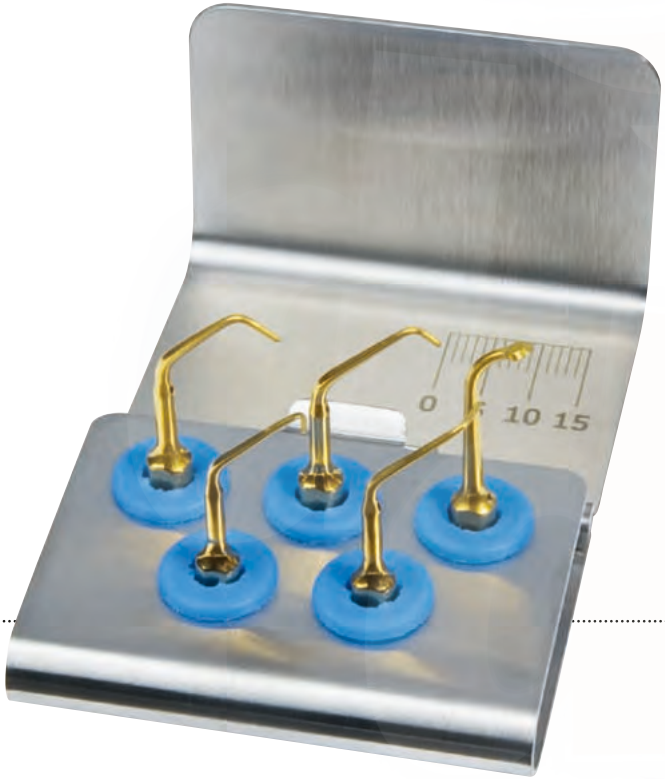


* developed in collaboration with Prof. Leonardo Trombelli and the University of Ferrara, Italy

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RETRO SURGICAL SET



EQUIPPED WITH:

1 insert OP7
1 insert EN1
1 insert EN3
1 insert EN5R
1 insert EN5L
1 insert tray

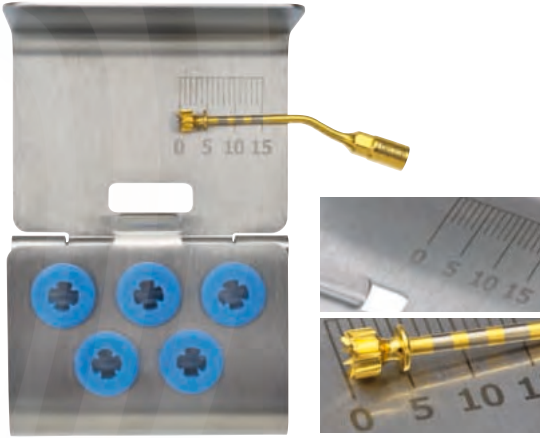
OP7 EN1 EN3 EN5R EN5L



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INSERT BOX AND TRAY PIEZOSURGERY®





INSERT BOX

- box fully autoclavable
- perfect storage of all PIEZOSUGERY® inserts
- light, easy to use, compact and roomy

INSERT TRAY

- stainless steel tray with depth markings
- ideal for storage
- tray fully autoclavable

PIEZOSURGERY®

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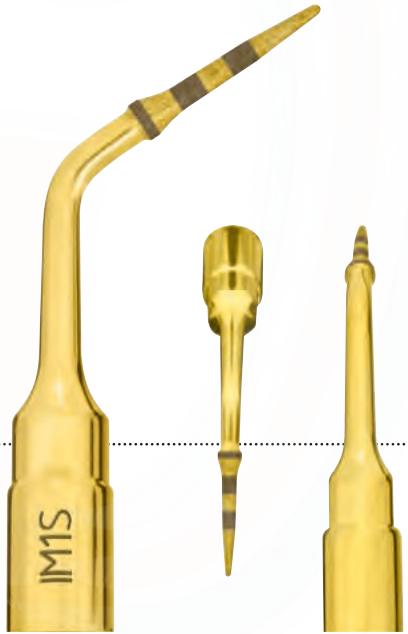
CUTTING ACTION

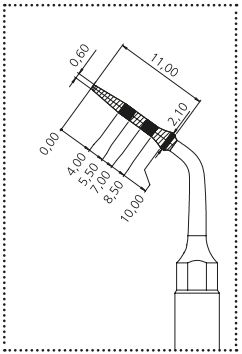
bone perforation

CLINICAL APPLICATION

initial pilot osteotomy

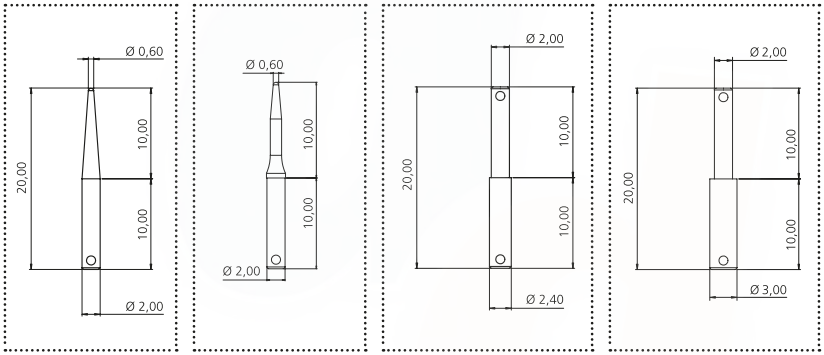






diamond grain size 30 µm

PINS IM1, IM1S, 2-2.4, 2-3

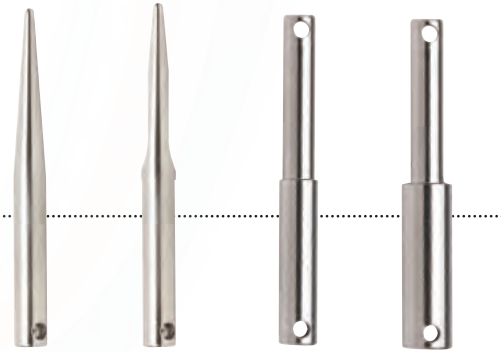


DESCRIPTION

alignment pins, dedicated to
IM1S, IM2 (Ø 2), IM3 (Ø 3), OT4 (Ø 2.4), IM1 SP

CLINICAL APPLICATION

to check preparation axis alignment



PIN IM1 | PIN IM1S | PIN 2-2.4 | PIN 2-3

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IM1 AL

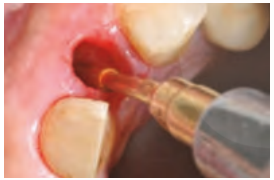
insert for initial osteotomy in extraction sites

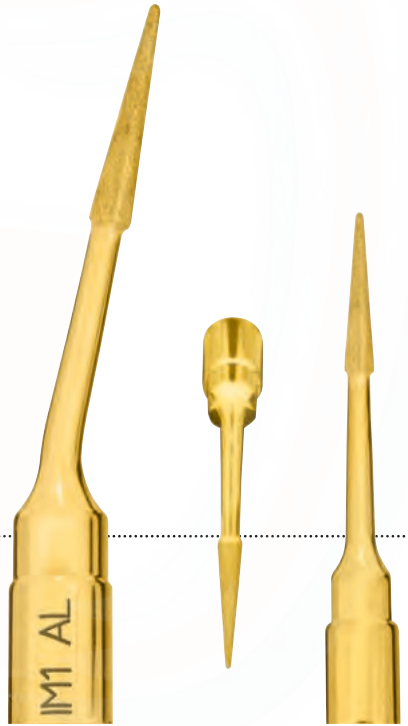
CUTTING ACTION

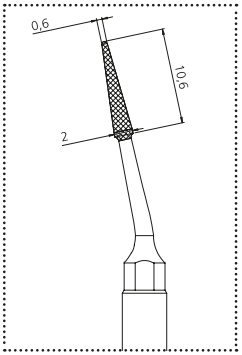
bone perforation

CLINICAL APPLICATION

initial pilot osteotomy in extraction sites

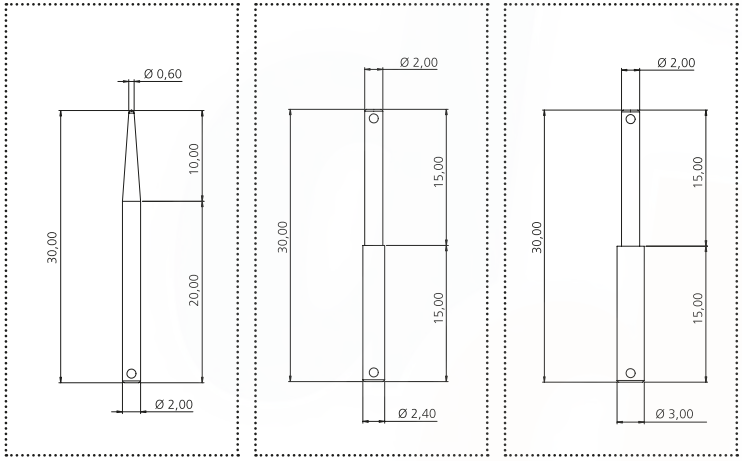






diamond grain size 30 µm

ALVEOLAR PINS IM1 AL, 2-2.4 AL, 2-3 AL

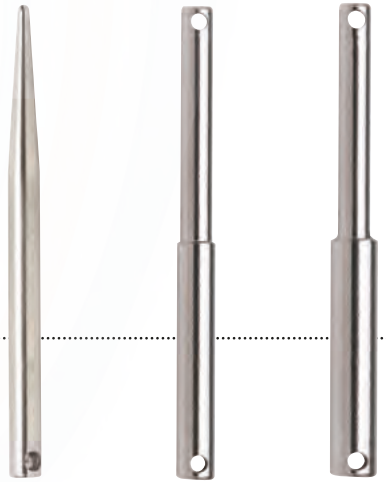


DESCRIPTION

30 mm alignment pins, for extraction sites dedicated to IM1 AL, IM2A (Ø 2), OT4 (Ø 2.4), IM3A (Ø 3)

CLINICAL APPLICATION

to check preparation axis alignment

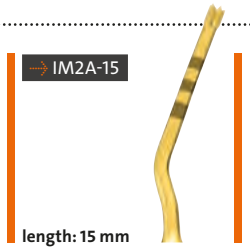


PIN IM1 AL | PIN 2-2.4 AL | PIN 2-3 AL

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IM2A – IM2A-15

2 mm Ø implant site preparation inserts

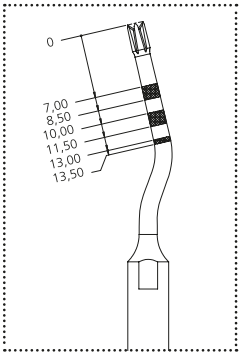


CUTTING ACTION

bone perforation

CLINICAL APPLICATION

pilot osteotomy in anterior region





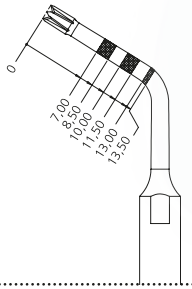


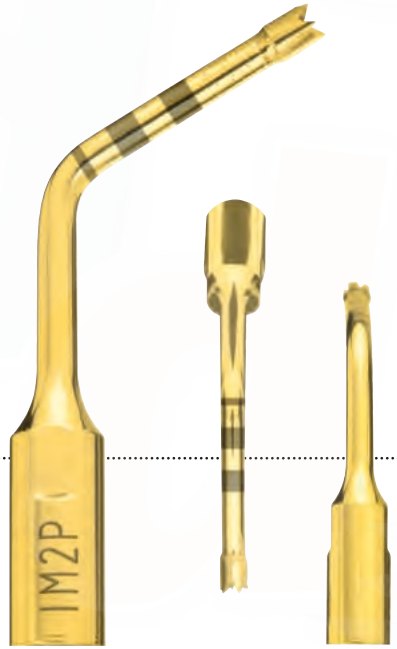
IM2P – IM2P-15

IM2P-15



length: 15 mm



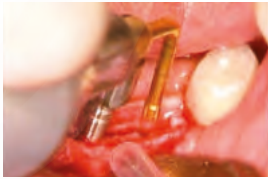


CUTTING ACTION

bone perforation

CLINICAL APPLICATION

pilot osteotomy in posterior region



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IM2.8A

2.8 mm Ø implant site preparation insert

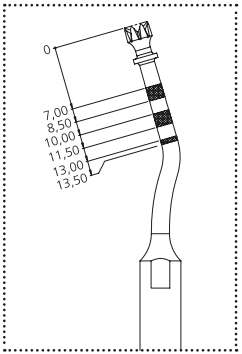
CUTTING ACTION

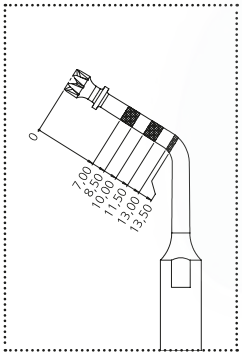
bone perforation

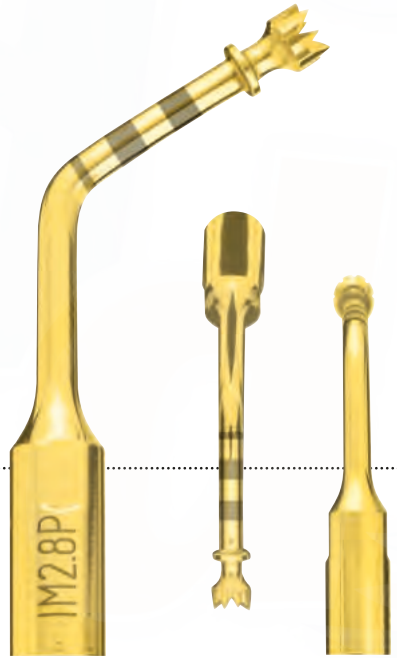
CLINICAL APPLICATION

to enlarge or to finalize the implant site preparation; insert with double irrigation to avoid overheating









CUTTING ACTION

bone perforation

CLINICAL APPLICATION

to enlarge or to finalize the implant site preparation; insert with double irrigation to avoid overheating



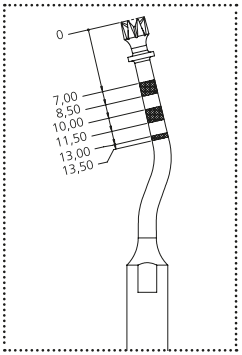
IM3A – IM3A-15

3 mm Ø implant site preparation inserts

IM3A-15



length: 15 mm



CUTTING ACTION

bone perforation

CLINICAL APPLICATION

to enlarge or to finalize the implant site preparation; insert with double irrigation to avoid overheating

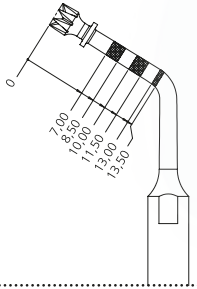




IM3P – IM3P-15

IM3P-15







CUTTING ACTION

bone perforation

CLINICAL APPLICATION

to enlarge or to finalize the implant site preparation; insert with double irrigation to avoid overheating





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IM3.4A

3.4 mm Ø implant site preparation insert

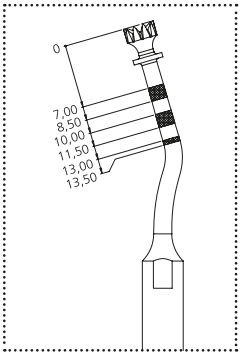
CUTTING ACTION

bone perforation

CLINICAL APPLICATION

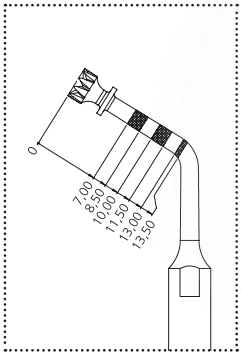
to enlarge or to finalize the implant site preparation; insert with double irrigation to avoid overheating

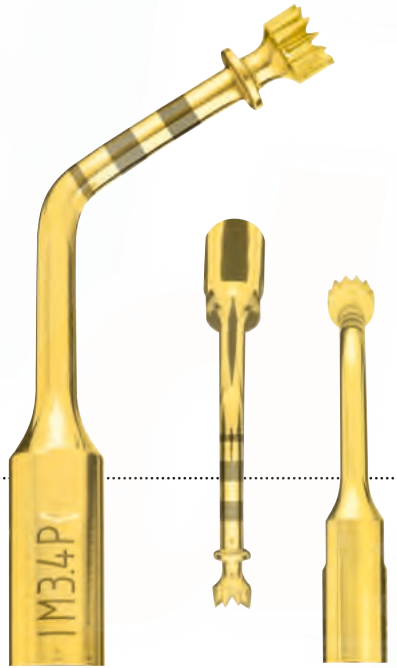




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CUTTING ACTION

bone perforation

CLINICAL APPLICATION

to enlarge or to finalize the implant site preparation; insert with double irrigation to avoid overheating

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IM4A

4 mm Ø implant site preparation insert

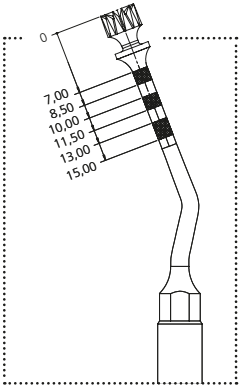
CUTTING ACTION

bone perforation

CLINICAL APPLICATION

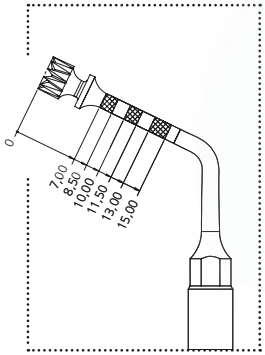
to finalize the implant site preparation; insert with double irrigation to avoid overheating

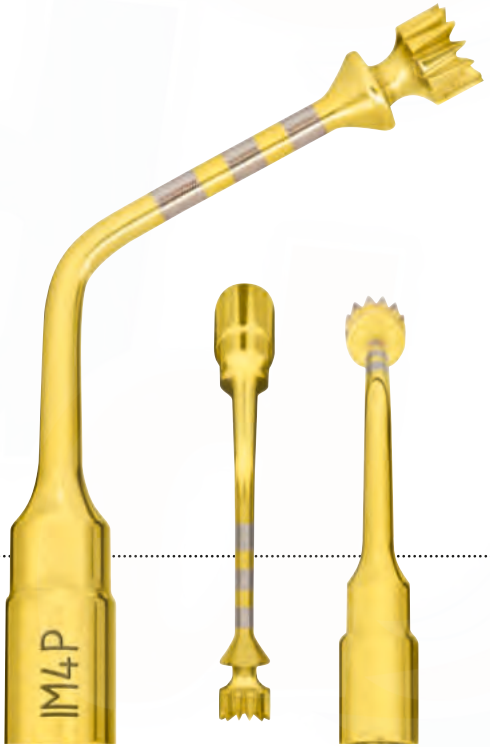




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4 mm Ø implant site preparation insert





CUTTING ACTION

bone perforation

CLINICAL APPLICATION

to finalize the implant site preparation; insert with double irrigation to avoid overheating



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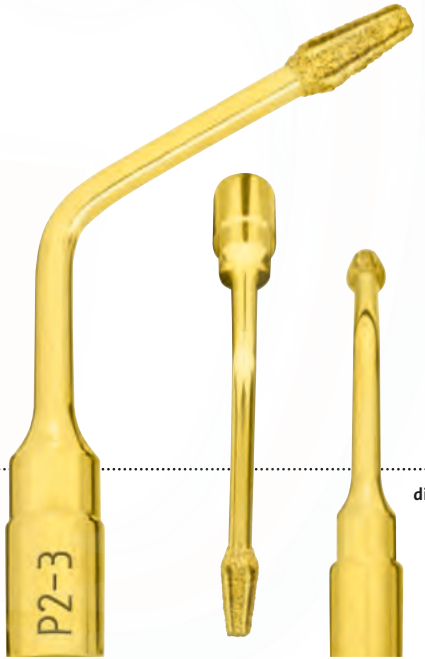
CUTTING ACTION

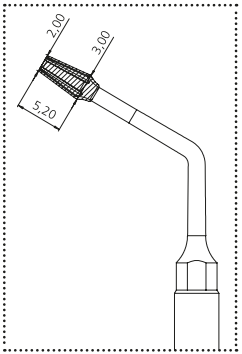
micrometric osteotomy

CLINICAL APPLICATION

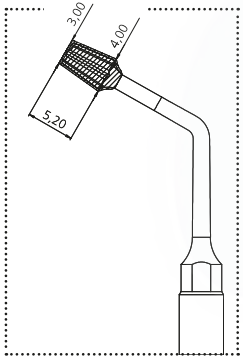
to optimize concentricity of implant site preparation between Ø 2 and Ø 3 mm







diamond grain size 150 µm



diamond grain size 150 µm



CUTTING ACTION

micrometric osteotomy

CLINICAL APPLICATION

to optimize concentricity of implant site preparation between Ø 3 and Ø 4 mm

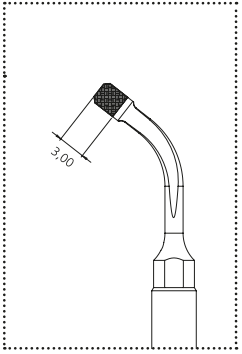


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OT1 – OT1A



diamond grain size 126 µm



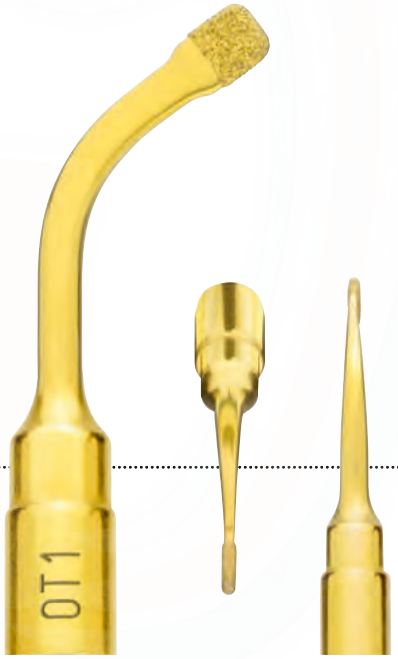
CUTTING ACTION

micrometric osteotomy (about 1 mm)

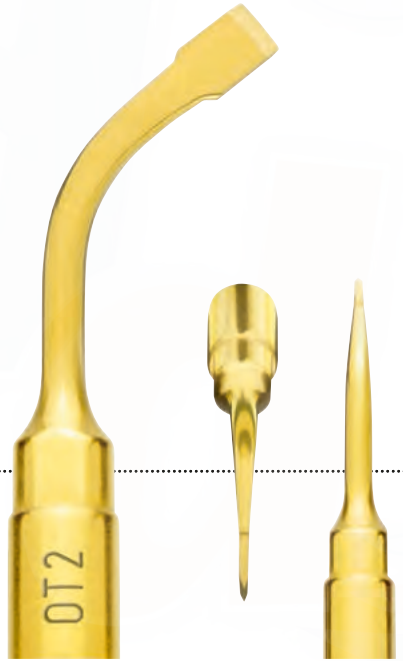
CLINICAL APPLICATION

to finalize the osteotomy in proximity of soft tissue (for example: sinus membrane, vessel, alveolar nerve)





diamond grain size 91 µm



CUTTING ACTION

osteotomy

CLINICAL APPLICATION

osteotome of great precision
in anatomically thin structures
(for example, ridge expansion,
interdental corticotomies)



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OT4

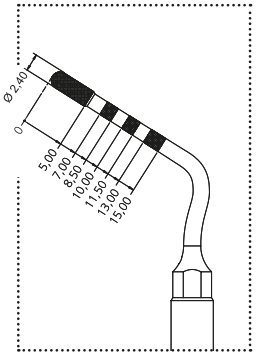
CUTTING ACTION

micrometric osteotomy (about 1 mm)

CLINICAL APPLICATION

to correct pilot osteotomy axis, to finalize the implant site preparation close to the alveolar nerve; sinus crestal approach technique







diamond grain size 151 µm

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OT5 – OT5A – OT5B

OT5A

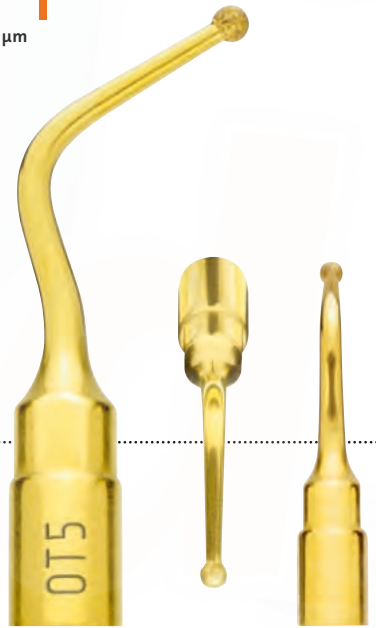


Ø 1.9
diamond grain size 91 µm

OT5B



Ø 1.7
diamond grain size 126 µm



Ø 1.7 – diamond grain size 91 µm

CUTTING ACTION

micrometric osteotomy or osteoplasty

CLINICAL APPLICATION

non-traumatic, to finalize the osteotomy or osteoplasty on thin bone and/or near delicate anatomic structures

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OT6

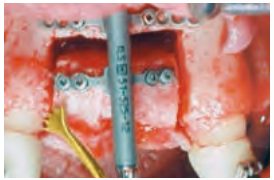
bony saw 0.75 mm

CUTTING ACTION

high effectiveness osteotomy

CLINICAL APPLICATION

osteotomy of large bone sections
during maxillofacial surgery





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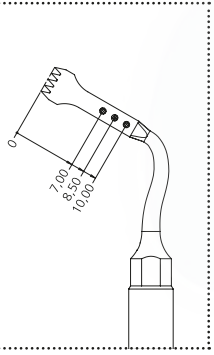
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OT7 – OT7A

OT7A



thickness 0.75 mm





thickness 0.55 mm

CUTTING ACTION

high effectiveness osteotomy

CLINICAL APPLICATION

all the osteotomy technique
in maxilla and mandible

- ridge expansion
- corticotomy technique
- bone block grafting



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OT7S-4

special micro-saw 0.35 mm (4 teeth)

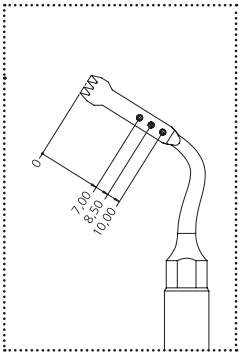
CUTTING ACTION

high effectiveness and precision osteotomy

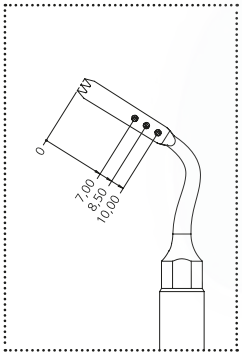
CLINICAL APPLICATION

very thin osteotomy, corticotomy for orthodontic microsurgery technique, root separation in dental extraction technique and periodontal surgery











CUTTING ACTION

high precision osteotomy

CLINICAL APPLICATION

very thin and small osteotomy and corticotomy technique for orthodontic microsurgery, root fraction technique for dental extraction maneuver



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OT7-20

micro-saw, length 20 mm

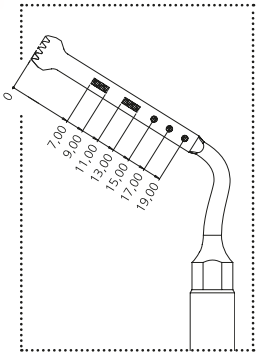
CUTTING ACTION

high effectiveness osteotomy

CLINICAL APPLICATION

ridge expansion technique, bone block grafting (from chin/mandible ramus), Le Fort I osteotomy, bilateral sagittal split osteotomy





thickness 0.6 mm

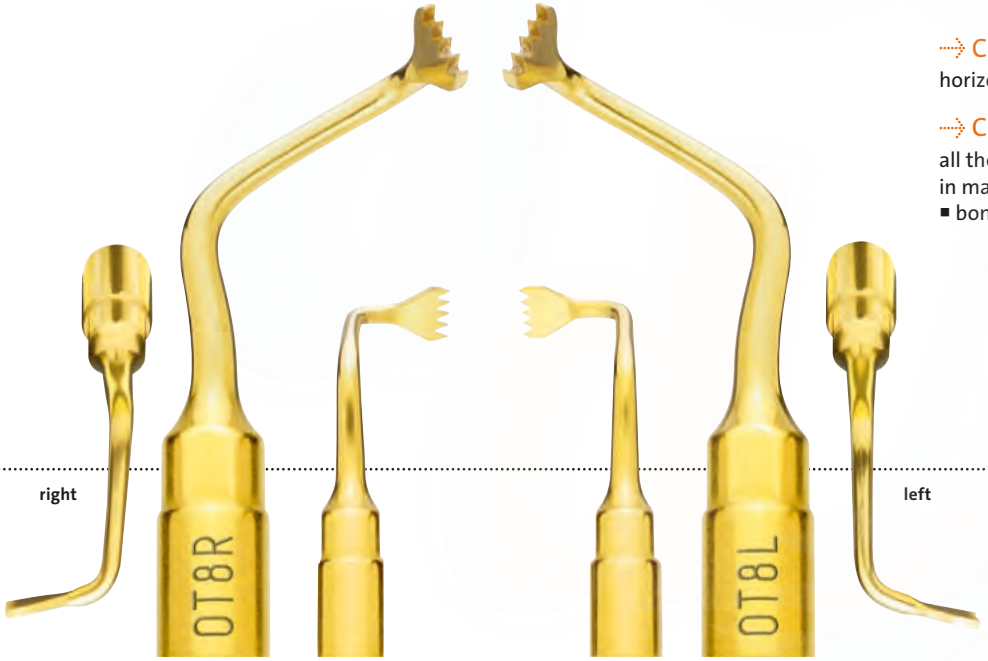


tight up this insert only with torque wrench K8

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OT8R – OT8L



CUTTING ACTION

horizontal osteotomy

CLINICAL APPLICATION

all the osteotomy technique
in maxilla and mandible
- bone block grafting



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CUTTING ACTION

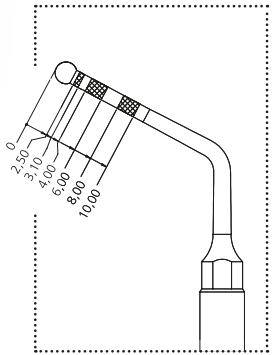
micrometric osteotomy or osteoplasty

CLINICAL APPLICATION

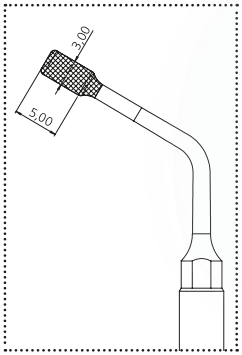
to finalize the osteotomy or osteoplasty near delicate anatomic structures; insert with double irrigation to avoid overheating

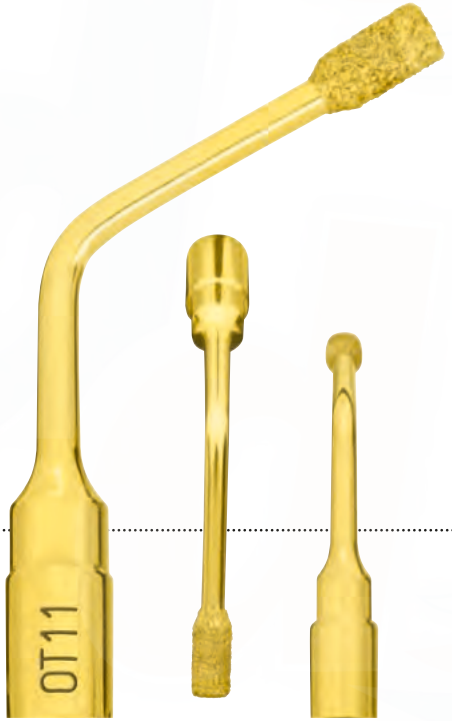






Ø 2.4 – diamond grain size 151 µm





Ø 3.0 – diamond grain size 151 µm

CUTTING ACTION

micrometric osteotomy or osteoplasty

CLINICAL APPLICATION

removal of the sinus basal cortex and elevation of the sinus membrane



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OT12

circular micro-saw 0.35 mm

CUTTING ACTION

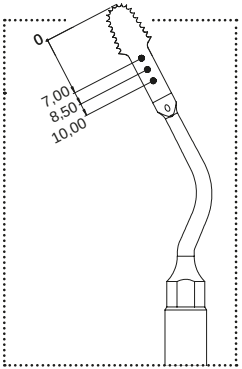
high effectiveness and precision osteotomy

CLINICAL APPLICATION

dedicated to the osteotomy techniques where the standard piezoelectric bone saws may have a difficult surgical approach

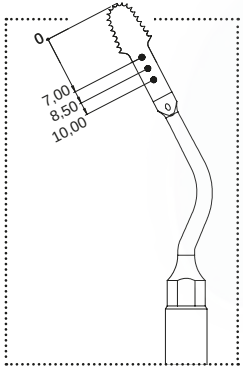






circular micro-saw 0.25 mm

OT12S





CUTTING ACTION

high effectiveness and precision osteotomy

CLINICAL APPLICATION

dedicated to the osteotomy techniques where the standard piezoelectric bone saws may have a difficult surgical approach



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OT13

osteoplasty and osteotomy insert

CUTTING ACTION

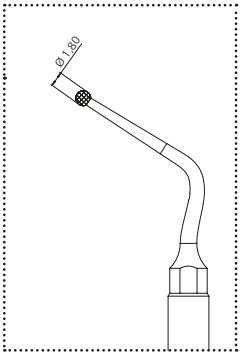
micrometric osteotomy or osteoplasty

CLINICAL APPLICATION

non-traumatic bone defect preparation
in resective periodontal surgery

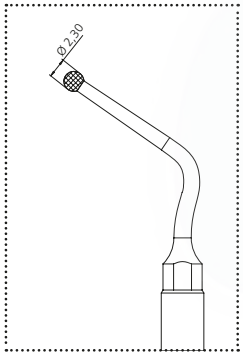






Ø 1.8 – diamond grain size 150 µm

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Ø 2.3 – diamond grain size 150 µm



CUTTING ACTION

micrometric osteotomy or osteoplasty

CLINICAL APPLICATION

non-traumatic bone defect preparation
in resective periodontal surgery



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SLO-H

sinus bony window osteotomy insert

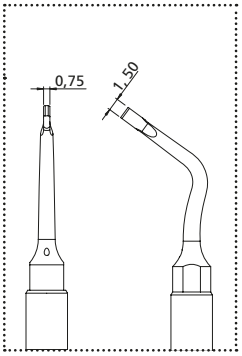
CUTTING ACTION

high precision osteotomy

CLINICAL APPLICATION

to finalize the bone window osteotomy
to gain access to the sinus membrane



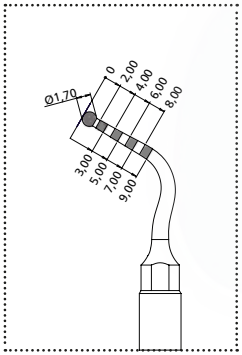






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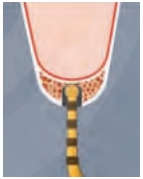


CUTTING ACTION

micrometric osteotomy or osteoplasty

CLINICAL APPLICATION

sinus floor reaching and safe
bony ring removal during crestal
sinus lift procedure (PIEZO-LIFT)



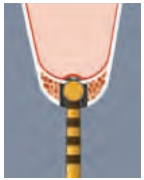
mectron
medical technology
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CUTTING ACTION

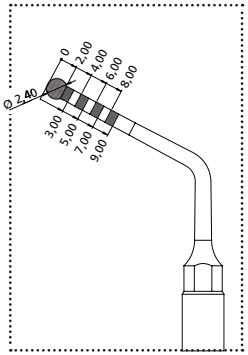
micrometric osteotomy or osteoplasty

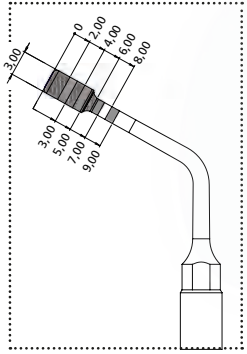
CLINICAL APPLICATION

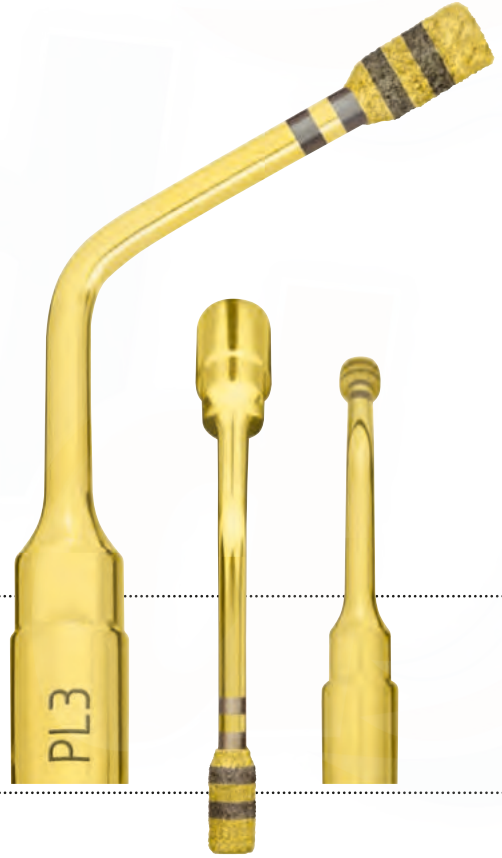
sinus floor consumption and initial membrane elevation during crestal sinus lift procedure (PIEZO-LIFT)











CUTTING ACTION

micrometric osteotomy or osteoplasty

CLINICAL APPLICATION

removal of the sinus basal cortex and elevation of the sinus membrane during crestal sinus lift procedure (PIEZO-LIFT)



PL0419

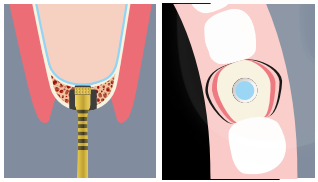
osteoplasty and osteotomy insert

CUTTING ACTION

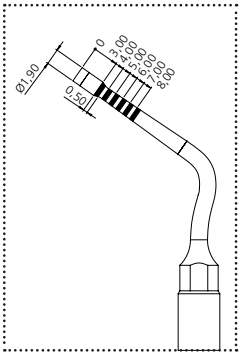
micrometric osteotomy or osteoplasty

CLINICAL APPLICATION

sinus floor removal and membrane detachment during Manual Piezo Lift technique (Ø = 1.9 mm)



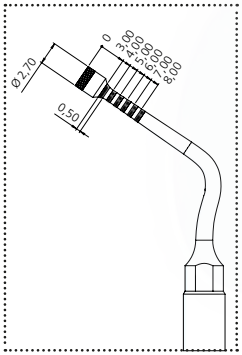


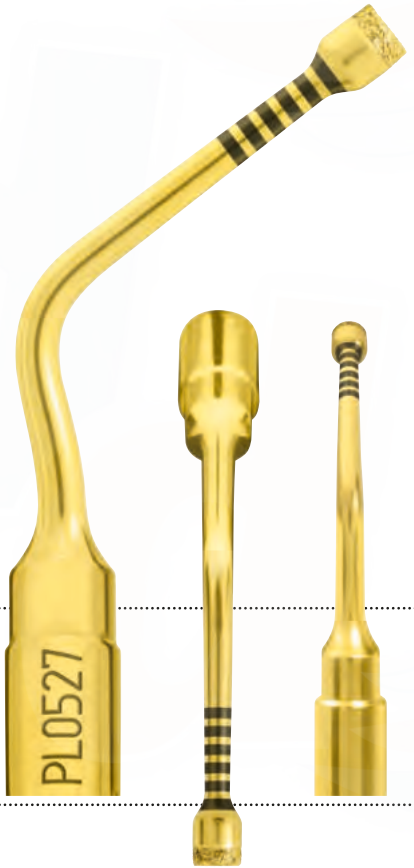


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PL0527



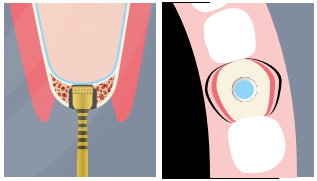


CUTTING ACTION

micrometric osteotomy or osteoplasty

CLINICAL APPLICATION

sinus floor removal and membrane detachment during Manual Piezo Lift technique (Ø = 2.7 mm)



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PL0631

osteoplasty and osteotomy insert

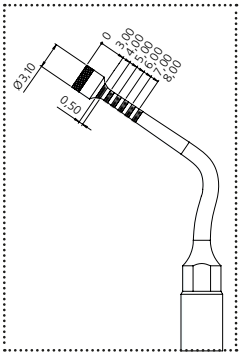
CUTTING ACTION

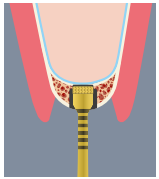
micrometric osteotomy or osteoplasty

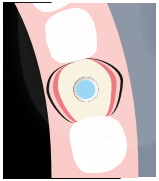
CLINICAL APPLICATION

sinus floor removal and membrane detachment during Manual Piezo Lift technique (Ø = 3.1 mm)





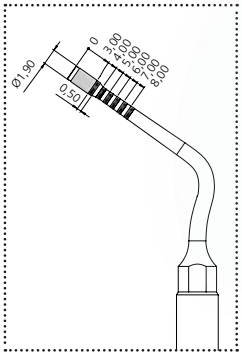


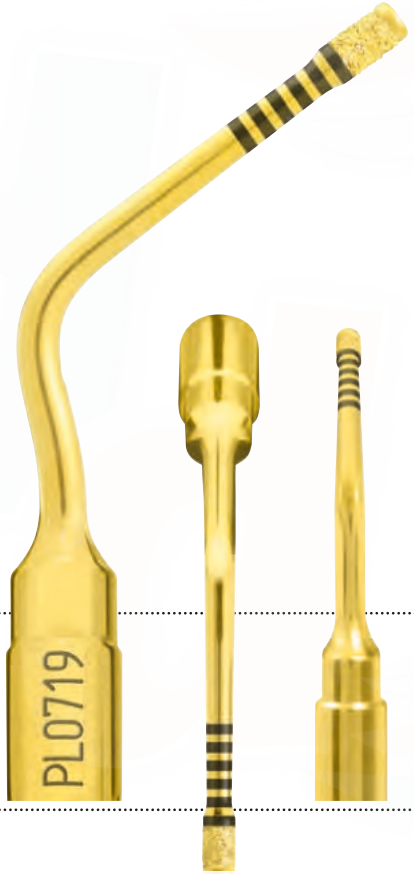


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PL0719



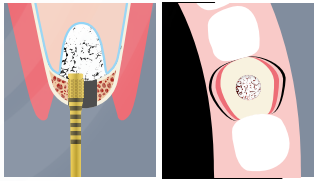


CUTTING ACTION

micrometric osteotomy or osteoplasty

CLINICAL APPLICATION

removal of the safety bone ring during Manual Piezo Lift technique (Ø = 1.9 mm)



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OP1

CUTTING ACTION

high efficiency bone osteoplasty

CLINICAL APPLICATION

bone remodelling and harvesting of bone chips





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OP2



CUTTING ACTION

osteoplasty

CLINICAL APPLICATION

bone osteotomy, remodelling and removal of inflammatory tissue

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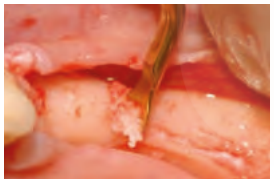
OP3 – OP3A

CUTTING ACTION

universal osteoplasty

CLINICAL APPLICATION

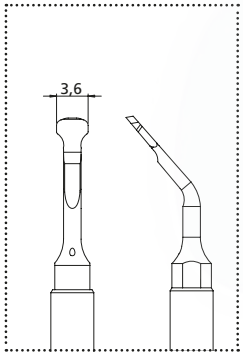
periodontal osteotomy, crown lengthening, bone chips harvesting, inflammatory tissue removal (cyst, etc.)





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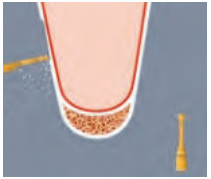
CUTTING ACTION

universal osteoplasty

CLINICAL APPLICATION

sinus vestibular wall consumption to gain the membrane access; bone chips harvesting, inflammatory tissue removal





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OP4

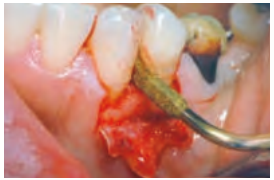
crown lengthening file

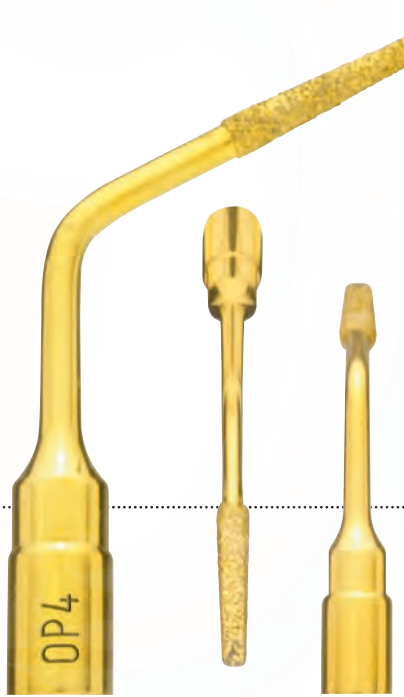
CUTTING ACTION

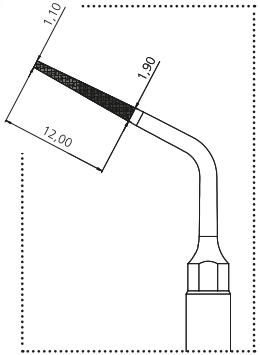
micro-osteoplasty

CLINICAL APPLICATION

interproximal osteoplasty
and root planing







diamond grain size 126 µm

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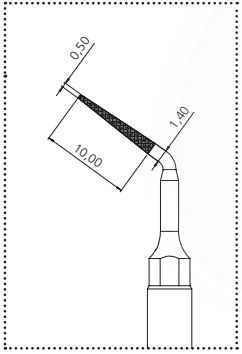
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OP5 – OP5A

OP5A



diamond grain size 90 µm



diamond grain size 30 µm

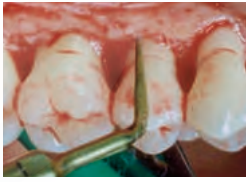


CUTTING ACTION

micro-osteoplasty

CLINICAL APPLICATION

root debridement and root planing during resective and regenerative periodontal surgery



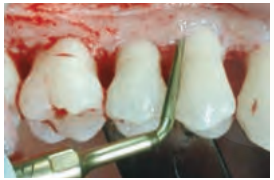


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medical technology
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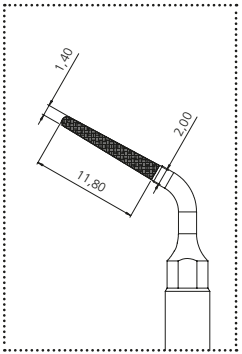
OP6

CUTTING ACTION
micro-root preparation

CLINICAL APPLICATION
root preparation in periodontal surgery







diamond grain size 126 µm

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CUTTING ACTION

micro-osteoplasty

CLINICAL APPLICATION

peri-apical maxillary bone osteotomy access, inflammatory tissue removal



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OP8*

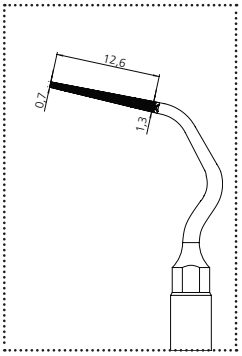
CUTTING ACTION

micro-osteoplasty

CLINICAL APPLICATION

Interproximal osteoplasty without damaging adjacent root surfaces



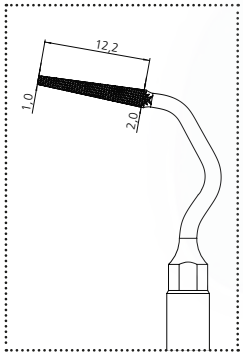




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CUTTING ACTION

micro-osteoplasty

CLINICAL APPLICATION

Interproximal osteoplasty without damaging adjacent root surfaces

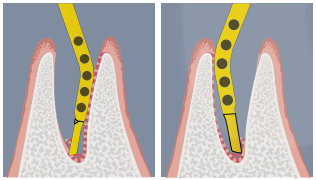


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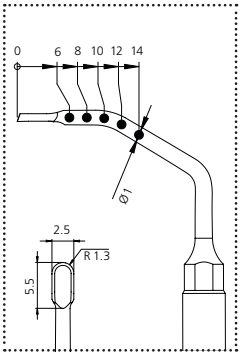
OP1125

CUTTING ACTION
high efficiency osteoplasty

CLINICAL APPLICATION
distal alveolar bone debridement



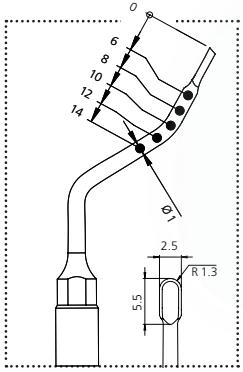




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OP1225



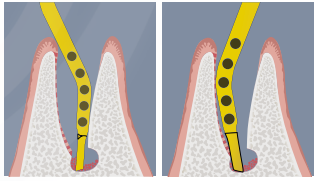


CUTTING ACTION

high efficiency osteoplasty

CLINICAL APPLICATION

mesial alveolar bone debridement



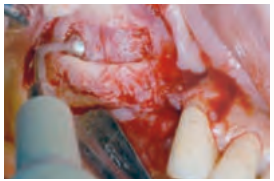
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CUTTING ACTION

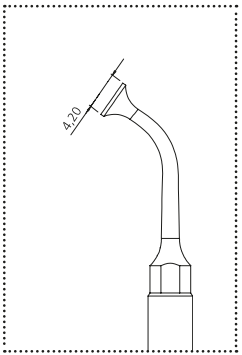
schneiderian membrane
separation from bony walls

CLINICAL APPLICATION

separation of the sinus membrane,
2 mm around the frame of bony window









CUTTING ACTION

non-cutting elevator of the sinus membrane

CLINICAL APPLICATION

separation of the sinus membrane in internal zones



EL3

sinus membrane separator angled at 140°

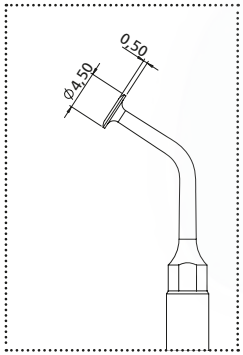
CUTTING ACTION

non-cutting elevator of the sinus membrane

CLINICAL APPLICATION

separation of the sinus membrane in internal zones







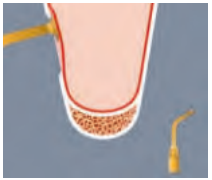
CUTTING ACTION

sinus membrane separator

CLINICAL APPLICATION

sinus membrane separation from the bony window margins





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SLE1

sinus membrane elevator

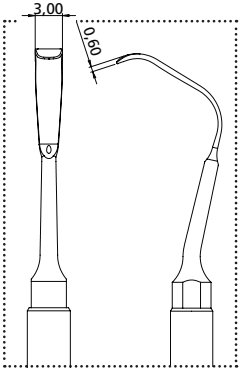
CUTTING ACTION

elevator to cut Sharpey's fibers
from the endosteum

CLINICAL APPLICATION

sinus membrane elevation
from the sinus floor



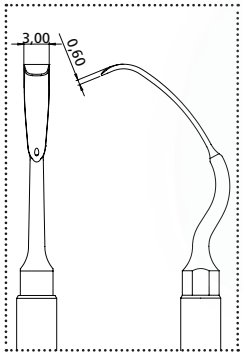






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CUTTING ACTION

elevator to cut Sharpey's fibers
from the endosteum

CLINICAL APPLICATION

sinus membrane elevation
from the palatal wall





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PR1

piezoelectric raspatory, 4 mm width

CUTTING ACTION

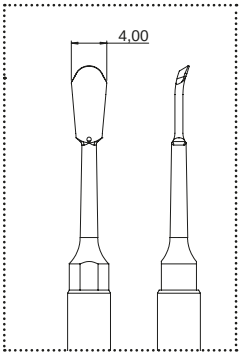
periosteum elevator

CLINICAL APPLICATION

subperiostal preparation

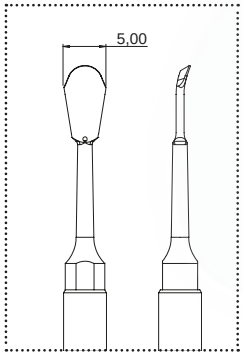






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CUTTING ACTION

periosteum elevator

CLINICAL APPLICATION

subperiostal preparation



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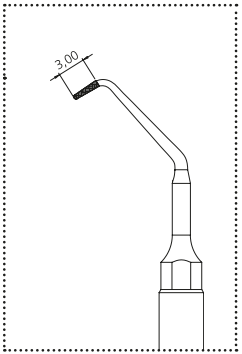
EN1

diamond-coated endo apical debrider 3 mm

CUTTING ACTION
efficient canal cleaning

CLINICAL APPLICATION
apical root debridement





diamond grain size 30 µm

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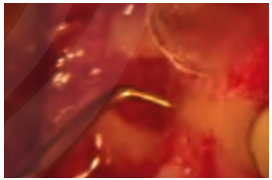


CUTTING ACTION

gentle canal cleaning

CLINICAL APPLICATION

gentle apical root debridement



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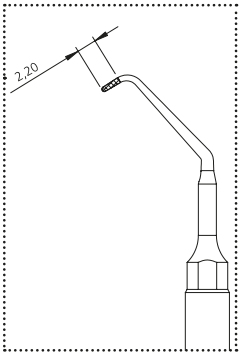
EN3

diamond-coated endo apical debrider 2.2 mm

CUTTING ACTION
efficient canal cleaning

CLINICAL APPLICATION
apical root debridement





diamond grain size 30 µm



CUTTING ACTION

gentle canal cleaning

CLINICAL APPLICATION

gentle apical root debridement

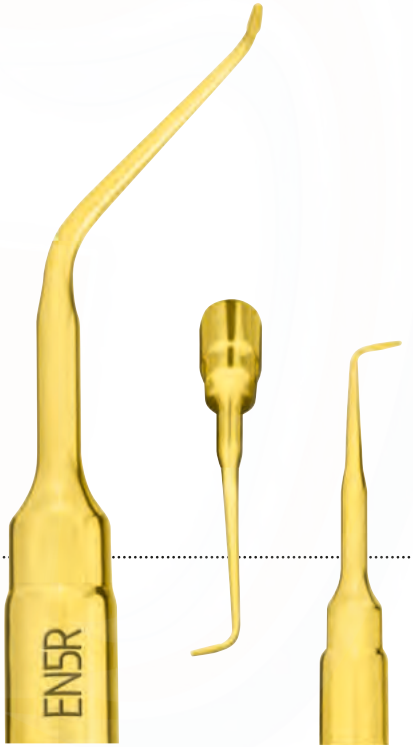
mectron
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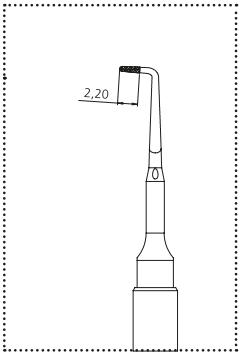
EN5R

right angled, diamond-coated endo apical debrider 2.2 mm

CUTTING ACTION
efficient canal cleaning

CLINICAL APPLICATION
apical root debridement

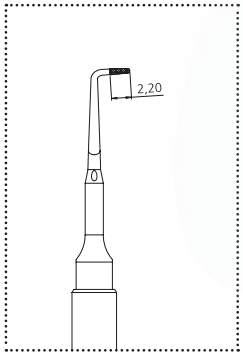


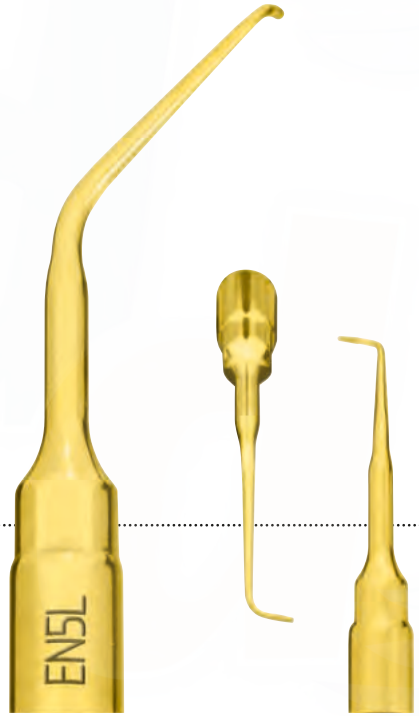


diamond grain size 30 µm

left angled, diamond-coated endo apical debrider 2.2 mm

EN5L





diamond grain size 30 µm

CUTTING ACTION
efficient canal cleaning

CLINICAL APPLICATION
apical root debridement

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EN6R

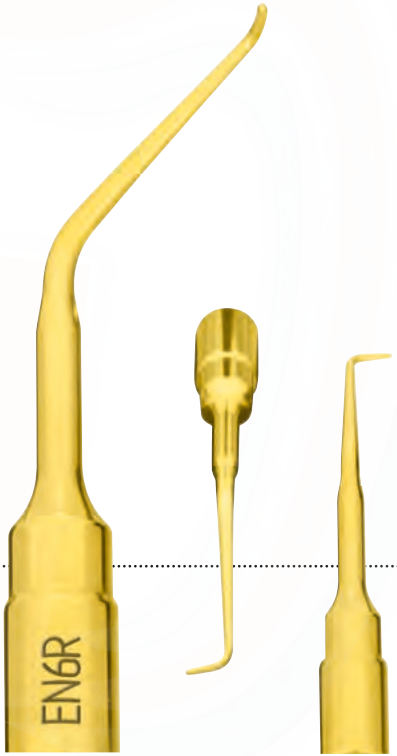
right angled, smooth endo apical debrider 2.2 mm

CUTTING ACTION

efficient canal cleaning

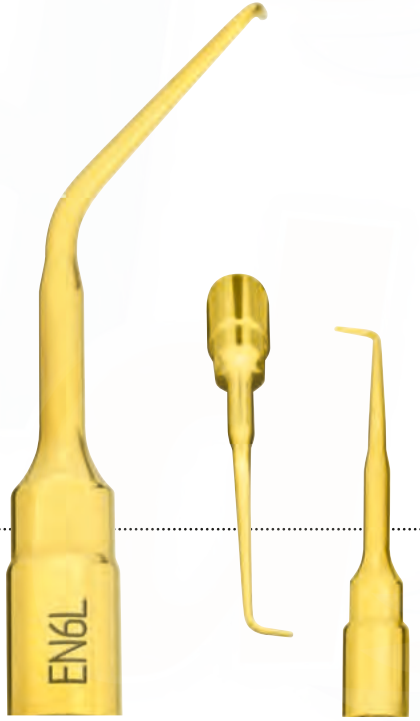
CLINICAL APPLICATION

apical root debridement



left angled, smooth endo apical debrider 2.2 mm

EN6L



CUTTING ACTION
efficient canal cleaning

CLINICAL APPLICATION
apical root debridement

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CUTTING ACTION

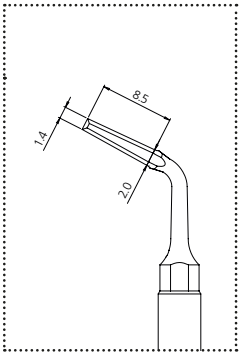
standard extraction

CLINICAL APPLICATION

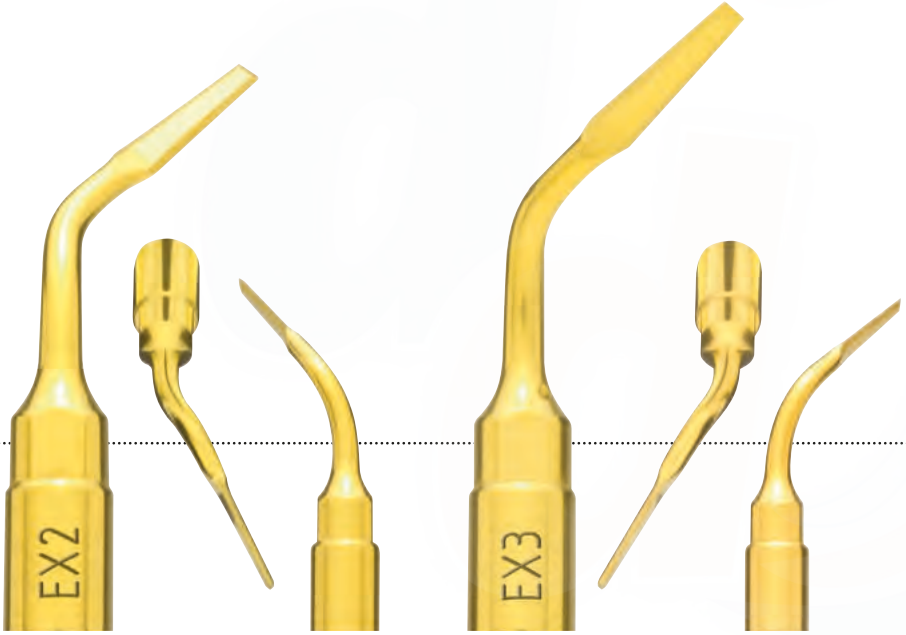
periotomy of connective tissue







EX2 – EX3



CUTTING ACTION

standard extraction

CLINICAL APPLICATION

analogue to EX1 in the posterior regions



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EX0410

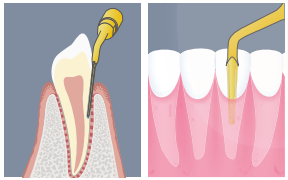
thin, long extraction scalpel

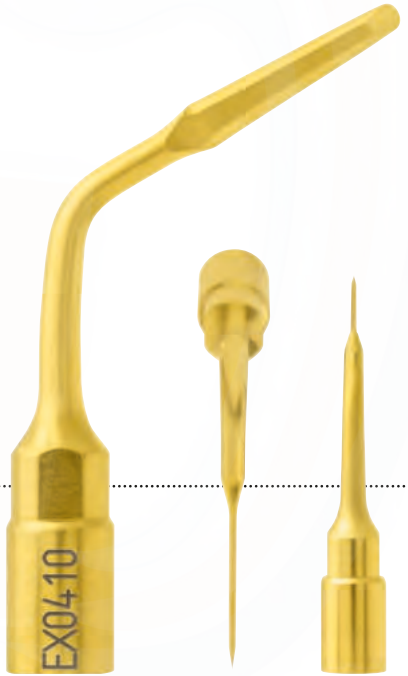
CUTTING ACTION

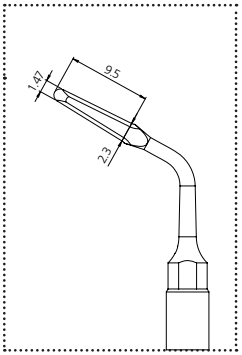
advanced extraction

CLINICAL APPLICATION

radiculoplasty to separate the periodontal ligament

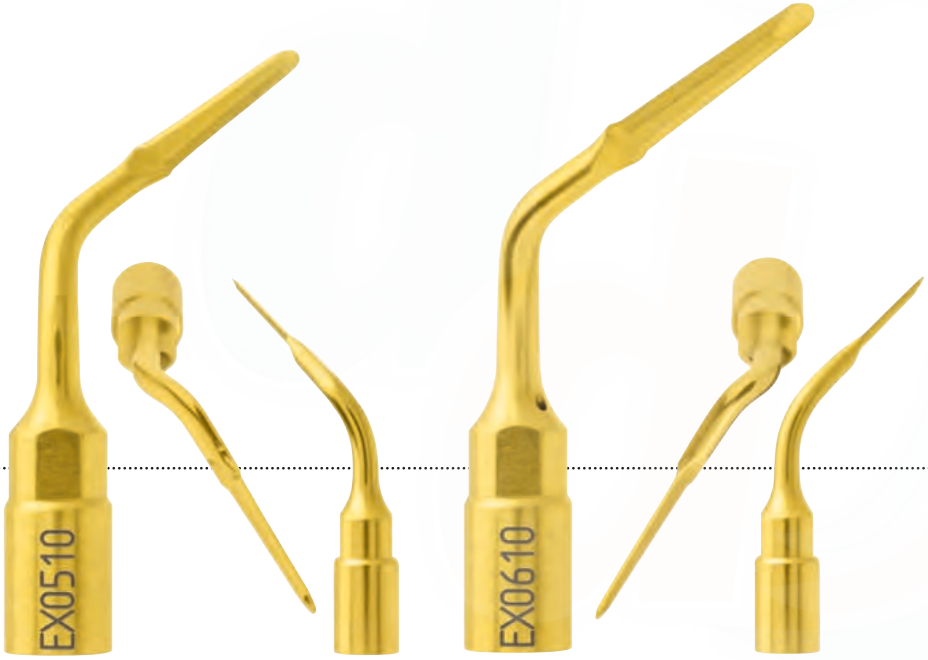






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EX0510 – EX0610

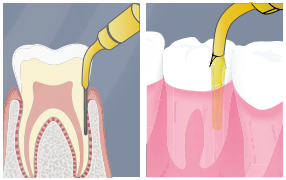


CUTTING ACTION

advanced extraction

CLINICAL APPLICATION

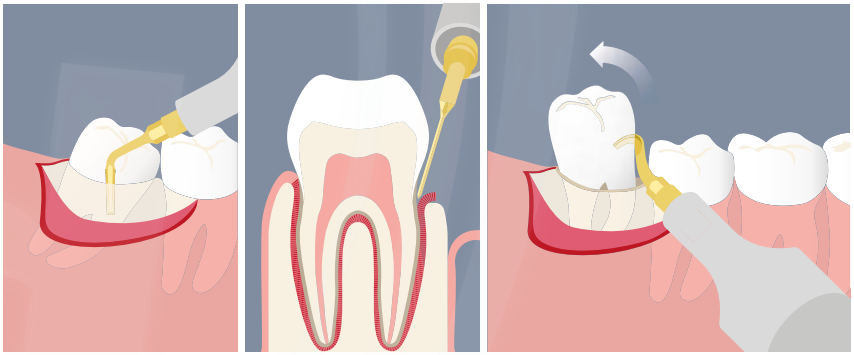
analogue to EX0410 in the posterior regions

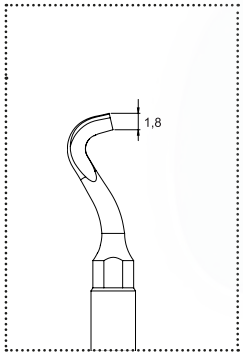


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PIEZOELECTRIC INSTRUMENTS FOR THIRD MOLAR EXTRACTION

Mectron introduces the first piezoelectric lever to facilitate the luxation manoeuvre and sometimes even third molar root extraction, especially when ankylosed. This occurs when the manual force the operator exerts on the handpiece is added to the hammering action (typical of the Mectron PIEZOSURGERY®) which propagates from the lever into the deep periodontium. Additionally, proper use of the piezoelectric lever can significantly reduce operating time.





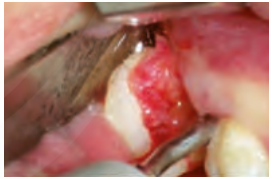


CUTTING ACTION

luxation and root extraction

CLINICAL APPLICATION

enables luxation and root extraction
in one manoeuvre



EXL2

short lever for third molar extraction

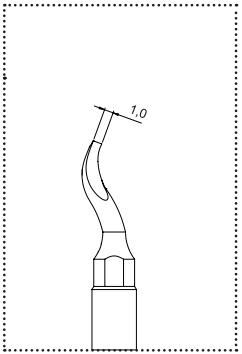
CUTTING ACTION

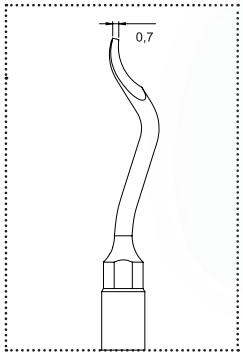
luxation and root extraction

CLINICAL APPLICATION

third molar extraction with greater force, thanks to the shorter radius









CUTTING ACTION

removal action of radicular fragments

CLINICAL APPLICATION

alveolar debridement and removing root fragments

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EXP3-R – EXP3-L

saw with a convex blade

CUTTING ACTION

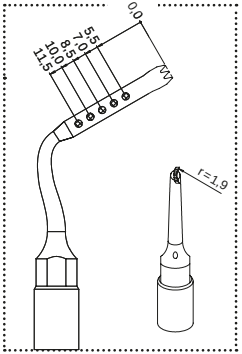
cut around tapered implant or ankylotic tooth

CLINICAL APPLICATION

explantation and advanced extraction



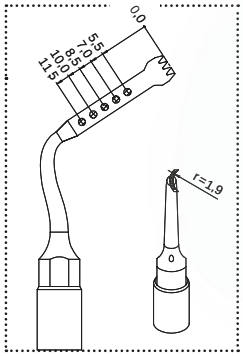




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EXP4-R – EXP4-L





CUTTING ACTION

cut around cylindrical implant or ankylotic tooth

CLINICAL APPLICATION

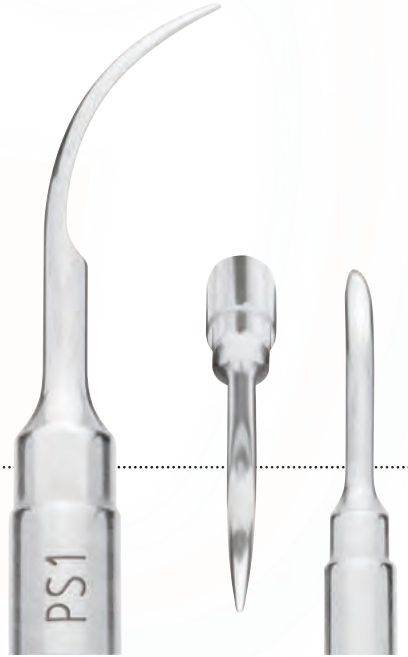
explantation and advanced extraction

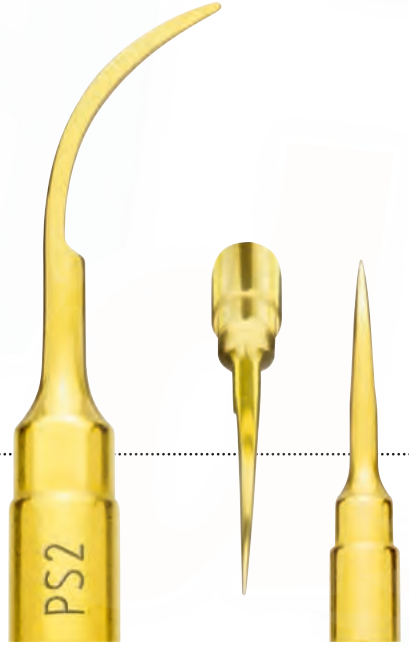


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CUTTING ACTION
gentle scaling

CLINICAL APPLICATION
root scaling





CUTTING ACTION
powerful scaling

CLINICAL APPLICATION
scaling and inflammatory tissue removal
fractured root apex extraction



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CUTTING ACTION

gentle scaling

CLINICAL APPLICATION

root scaling







CUTTING ACTION

root surface micro-smoothening

CLINICAL APPLICATION

root planing

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PP10

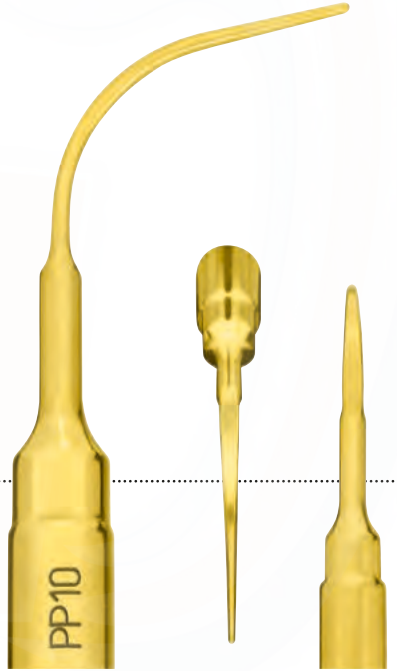
gentle perio anatomic insert

CUTTING ACTION

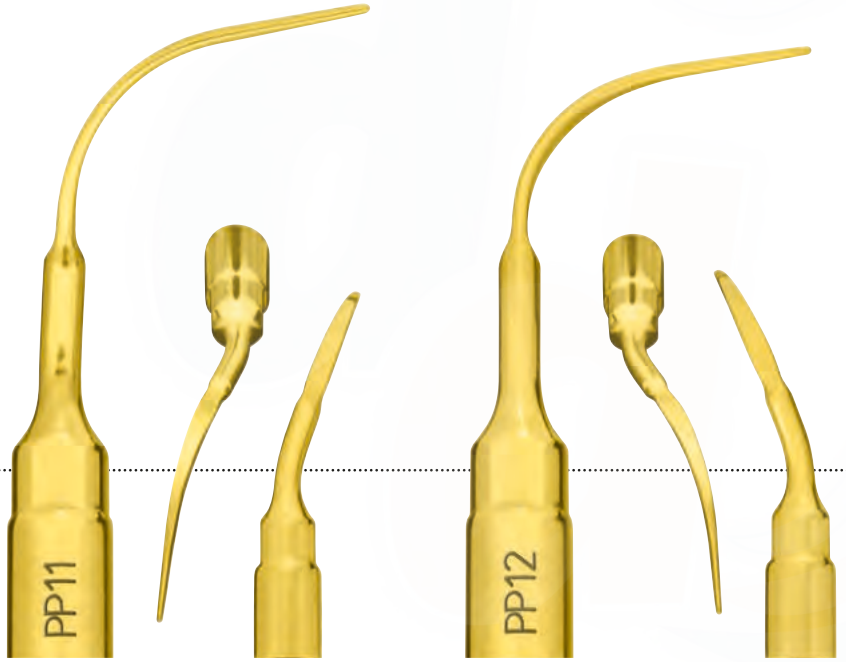
root surface micro-smoothening

CLINICAL APPLICATION

gentle subgingival concrements removal



PP11 – PP12



CUTTING ACTION

root surface micro-smoothening

CLINICAL APPLICATION

gentle subgingival concrements removal

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ICP + IC1

CUTTING ACTION

gentle and safe cleaning action of the implant surface

CLINICAL APPLICATION

efficient and soft cleaning of implants and restorations



IMPLANT CLEANING SET P

The set consists of a tipholder ICP and 5 tips IC1

ICP

tip holder ICP

IC1

implant cleaning tip IC1 is made of PEEK, can be easily tightened without special tools and is fully autoclavable

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CROWN PREP TIPS



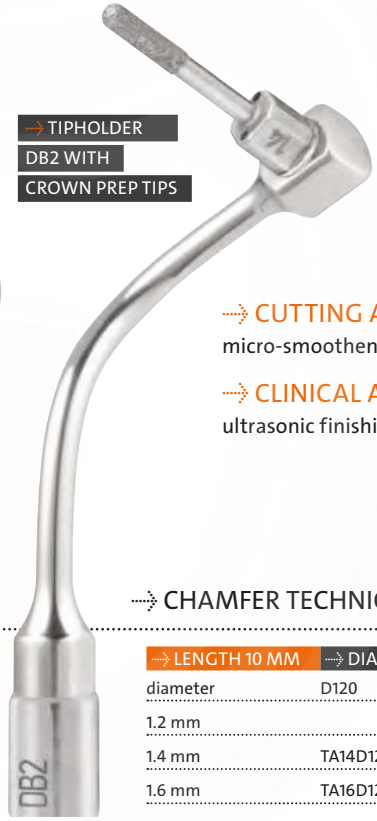
DYNAMOMETRIC WRENCH K7



KEY AB1



TIPHOLDER DB2 WITH CROWN PREP TIPS



CUTTING ACTION

micro-smoothening

CLINICAL APPLICATION

ultrasonic finishing of the cervical margin



CROWN PREP TIP TF12D60

VERTICAL PREPARATION TECHNIQUE

LENGTH 10 MM	DIAMOND COATING	
diameter	D90	D60
1.2 mm	TF12D90	TF12D60
1.6 mm	TF16D90	TF16D60

CHAMFER TECHNIQUE

LENGTH 10 MM	DIAMOND COATING		
diameter	D120	D90	D60
1.2 mm		TA12D90	TA12D60
1.4 mm	TA14D120	TA14D90	TA14D60
1.6 mm	TA16D120	TA16D90	TA16D60

CROWN PREP TIP TF14D60

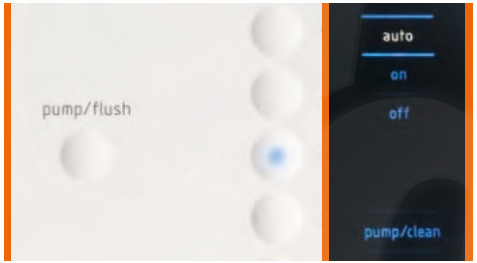


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ENZYMEC

enzymatic detergent

- enzymatic solution for efficient removal of organic residue
- specifically dedicated to the “flush” function of all PIEZOSURGERY® devices
- works perfectly in ultrasonic cleaning tanks
- easy handling thanks to the dosage measuring cap



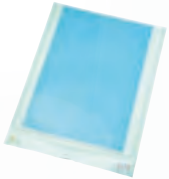


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SPARE PARTS



irrigation kit MT



protection foils



PIEZOSURGERY® insert box



torque wrench K11



PIEZOSURGERY® MT handpiece



PIEZODRILL® MT handpiece



PIEZOSURGERY® standard handpiece

MT-BONE

ITEM/REFERENCE NUMBER	
PIEZOSURGERY® MT handpiece	03120244
PIEZODRILL® MT handpiece	03120245
irrigation kit MT (qty 10 pcs disposable)	03230020
footswitch MT	04620003
PIEZOSURGERY® MT handpiece front metal cone (without LED)	00710158
PIEZODRILL® MT handpiece front metal cone (without LED)	00710159
MT support rod	02900197
torque wrench K11	02900170
torque wrench K8	02900109
MT-BONE trolley	04440028

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COMMON SPARE PARTS PIEZOSURGERY®

ITEM/REFERENCE NUMBER	
surgical tray	04610004
torque wrench K8	02900109
irrigation set	03230006
PIEZOSURGERY® insert box with a tray holding 15 inserts	02900111
insert tray	02900037
PIEZOSURGERY® insert box with bone expander tray	02900107
PIEZOSURGERY® insert box with implant insert tray	02900108
bag support rod	01380002

PIEZOSURGERY® *touch*
PIEZOSURGERY® *white*

ITEM/REFERENCE NUMBER	
LED-handpiece, complete with cord	03120134
handpiece, complete with cord (compatible with PS *white*)	03120217
handpiece holder	02900105
mobile handpiece holder	03110015
handpiece LED-cone	03020158
handpiece metal cone	03020171
set of 8 tubes for pump	02900104
bone grafting set (liquid flow rate reducer)	02900106
protection foils (pack of 10 sterile pieces)	03230012
footswitch (PS *touch*)	02900102
footswitch (PS *white*)	02900114
suitcase (PS *touch* and PS *white*)	04440006

PIEZOSURGERY® I, II AND 3

ITEM/REFERENCE NUMBER	
handpiece, complete with cord	03120023
handpiece holder (PSII + 3)	02900040
set of 8 tubes for pump (PSII + 3) (handpiece cord with metal connector)	02900039
set of 8 tubes for pump (PSII + 3) (handpiece cord with plastic connector)	02900104
tube-tube connector	00680027
footswitch (PSI + II)	02900020
footswitch (PS3)	02900078
peristaltic pump	03210006

WARNINGS

DIAMOND-COATED INSERTS

When the diamond chips wear out a reduction in cutting capacity and a consequent increase in temperature may occur. Use these inserts for a maximum of ten applications.

CUTTING INSERTS

When the nitriding wears out the cutting edge loses efficiency and a re-sharpening is unadvisable due to its limited life-span.

MEMBRANE SEPARATORS

For a greater life-span it is recommended to use it on low power.
High power can be useful if there are residual bony edges to be removed.

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REFERENCE NUMBERS

ITEM/REFERENCE NUMBER	
PIEZODRILL® set A	01520027
PIEZODRILL® set B	01520028
insert PD0620A	04800011
insert PD0118A	04800001
insert PD0223A	04800002
insert PD0328A	04800003
insert PD0432A	04800004
insert PD0535A	04800005
insert PD0620B	04800012
insert PD0118B	04800006
insert PD0223B	04800007
insert PD0328B	04800008
insert PD0432B	04800009
insert PD0535B	04800010
basic set	01520001
osteotomy set	01520010
sinus lift lateral set	01520023
piezo lift set	01520024
manual piezo lift set	01520026
sinus lift set	01520002
implant prep pro set	01520011
extraction set	01520003
advanced extraction set	01520029
third molar extraction set	01520025
explantation set	01520021
resective perio set	01520022

ITEM/REFERENCE NUMBER	
retro surgical set	01520005
insert IM1S	03510019
PIN IM1	03740002
PIN IM1S	03740007
PIN 2-2.4	03740003
PIN 2-3	03740001
insert IM1 AL	03510010
PIN IM1 AL	03740004
PIN 2-2.4 AL	03740005
PIN 2-3 AL	03740006
insert IM2A	03510001
insert IM2A-15	03510015
insert IM2P	03510002
insert IM2P-15	03510016
insert IM2.8A	03510025
insert IM2.8P	03510026
insert IM3A	03510003
insert IM3A-15	03510017
insert IM3P	03510004
insert IM3P-15	03510018
insert IM3.4A	03510027
insert IM3.4P	03510028
insert IM4A	03510005
insert IM4P	03510006
insert P2-3	03510020
insert P3-4	03510021

ITEM/REFERENCE NUMBER	
insert OT1	03370001
insert OT1A	03370008
insert OT2	03370002
insert OT4	03370004
insert OT5	03370005
insert OT5A	03370009
insert OT5B	03370010
insert OT6	03370006
insert OT7	03370007
insert OT7A	03370011
insert OT7S-4	03370014
insert OT7S-3	03370015
insert OT7-20	03370017
insert OT8R	03370012
insert OT8L	03370013
insert OT9	03370016
insert OT11	03370019
insert OT12	03370020
insert OT12S	03370021
insert OT13	03370022
insert OT14	03370023
insert SLO-H	03370025
insert PL1	03370026
insert PL2	03370027
insert PL3	03370028
insert PL0419	03370030

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ITEM/REFERENCE NUMBER	
insert PL0527	03370031
insert PL0631	03370032
insert PL0719	03370033
insert OP1	03380001
insert OP2	03380002
insert OP3	03380003
insert OP3A	03380011
insert SLC	03380013
insert OP4	03380004
insert OP5	03380005
insert OP5A	03380012
insert OP6	03380006
insert OP7	03380007
insert OP8	03380008
insert OP9	03380009
insert OP1125	03380015
insert OP1225	03380016
insert EL1	03390001
insert EL2	03390002
insert EL3	03390003
insert SLS	03390006
insert SLE1	03390007
insert SLE2	03390008
insert PR1	03390004
insert PR2	03390005
insert EN1	02170001

ITEM/REFERENCE NUMBER	
insert EN2	02170002
insert EN3	02170005
insert EN4	02170006
insert EN5R	02170007
insert EN5L	02170008
insert EN6R	02170009
insert EN6L	02170010
insert EX1	03400001
insert EX2	03400002
insert EX3	03400003
insert EX0410	03400011
insert EX0510	03400012
insert EX0610	03400013
insert EXL1	03400008
insert EXL2	03400009
insert EXL3	03400010
insert EXP3-R	03400004
insert EXP3-L	03400005
insert EXP4-R	03400006
insert EXP4-L	03400007
insert PS1	03180001
insert PS2	03180003
insert PS6	03180005
insert PP1	03180002
insert PP10	03180006
insert PP11	03180007

ITEM/REFERENCE NUMBER	
insert PP12	03180008
tipholder ICP	03570003
tip IC1 (5 pieces)	02900112
implant cleaning set P (ICP and 5 x IC1)	01520020
crown prep set PS (DB2, AB1 and K7)	02160010
tipholder DB2	03570002
key AB1	03580001
dynamometric wrench K7	02900081
crown prep tip TA12D60	03590001
crown prep tip TA14D60	03590002
crown prep tip TA16D60	03590003
crown prep tip TA12D90	03590004
crown prep tip TA14D90	03590005
crown prep tip TA16D90	03590006
crown prep tip TA14D120	03590007
crown prep tip TA16D120	03590008
crown prep tip TF12D60	03590010
crown prep tip TF16D60	03590011
crown prep tip TF12D90	03590012
crown prep tip TF16D90	03590013
Enzymec (pack of 2 bottles, 0.5 liter each)	03900008

APPROPRIATE SETTINGS FOR THE INSERTS



PIEZOSURGERY® *touch*
PIEZOSURGERY® *white*

INSERT	FUNCTION
IMPLANT PREP	
IM1S	special*
IM1 AL	implant
IM2A	implant
IM2A-15	implant
IM2P	implant
IM2P-15	implant
IM2.8A	implant
IM2.8P	implant
IM3A	implant
IM3A -15	implant
IM3P	implant
IM3P-15	implant
IM3.4A	implant
IM3.4P	implant
IM4A	implant
IM4P	implant
P2-3	implant
P3-4	implant

INSERT	FUNCTION
OSTEOTOMY	
OT1	cancellous / cortical
OT1A	cancellous / cortical
OT2	cancellous / cortical
OT4	cancellous / cortical
OT5	cancellous / cortical
OT5A	cancellous / cortical
OT5B	cancellous / cortical
OT6	cancellous / cortical
OT7	cancellous / cortical
OT7A	cancellous / cortical
OT7S-3	special*
OT7S-4	special*
OT7-20	cancellous / cortical
OT8L	cancellous / cortical
OT8R	cancellous / cortical
OT9	cancellous / cortical
OT11	cancellous / cortical
OT12	cancellous / cortical
OT12S	special*
OT13	cancellous / cortical
OT14	cancellous / cortical
SLO-H	cancellous / cortical
PL1	cancellous / cortical
PL2	cancellous / cortical
PL3	cancellous / cortical
PL0419	cancellous / cortical
PL0527	cancellous / cortical
PL0631	cancellous / cortical
PL0719	cancellous / cortical
OSTEOPLASTY	
OP1	cancellous / cortical
OP2	cancellous / cortical
OP3	cancellous / cortical
OP3A	cancellous / cortical
SLC	cancellous / cortical
OP4	cancellous / cortical
OP5	perio
OP5A	perio / special
OP6	perio
OP7	cancellous / cortical
OP8	perio / special
OP9	cancellous / cortical
OP1125	cancellous / cortical
OP1225	cancellous / cortical

INSERT	FUNCTION
SINUS MEMBRANE ELEVATION	
EL1	endo*
EL2	endo*
EL3	endo*
SLS	special*
SLE1	special*
SLE2	special*
PERIOSTEUM	
PR1	cancellous / cortical
PR2	cancellous / cortical
ENDO RETRO	
EN1	endo*
EN2	endo*
EN3	endo*
EN4	endo*
EN5R	endo*
EN5L	endo*
EN6R	endo*
EN6L	endo*
EXTRACTION	
EX1	cancellous / cortical
EX2	cancellous / cortical
EX3	cancellous / cortical
EX0410	special*
EX0510	cancellous / cortical
EX0610	cancellous / cortical
EXL1	cortical
EXL2	cortical
EXL3	cortical
EXPLANTATION	
EXP3-R	special / cancellous / cortical
EXP3-L	special / cancellous / cortical
EXP4-R	special / cancellous / cortical
EXP4-L	special / cancellous / cortical
PERIO	
PP1	perio
PS1	perio
PS2	perio
PS6	perio
PP10	perio
PP11	perio
PP12	perio
IMPLANT CLEANING	
ICP + IC1	endo / perio
RESTORATIVE	
DB2	perio special

* Maximum power permitted

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PIEZOSURGERY® 3

INSERT	MODE	POWER
IMPLANT PREP		
IM1S	BONE	SPECIAL*
IM1 AL	IMPL	IMPLANT
IM2A	IMPL	IMPLANT
IM2A-15	IMPL	IMPLANT
IM2P	IMPL	IMPLANT
IM2P-15	IMPL	IMPLANT
IM2.8A	IMPL	IMPLANT
IM2.8P	IMPL	IMPLANT
IM3A	IMPL	IMPLANT
IM3A -15	IMPL	IMPLANT
IM3P	IMPL	IMPLANT
IM3P-15	IMPL	IMPLANT
IM3.4A	IMPL	IMPLANT
IM3.4P	IMPL	IMPLANT
IM4A	IMPL	IMPLANT
IM4P	IMPL	IMPLANT
P2-3	IMPL	IMPLANT
P3-4	IMPL	IMPLANT

INSERT	MODE	POWER
OSTEOTOMY		
OT1	BONE	SPONGIOUS / CORTICAL
OT1A	BONE	SPONGIOUS / CORTICAL
OT2	BONE	SPONGIOUS / CORTICAL
OT4	BONE	SPONGIOUS / CORTICAL
OT5	BONE	SPONGIOUS / CORTICAL
OT5A	BONE	SPONGIOUS / CORTICAL
OT5B	BONE	SPONGIOUS / CORTICAL
OT6	BONE	SPONGIOUS / CORTICAL
OT7	BONE	SPONGIOUS / CORTICAL
OT7A	BONE	SPONGIOUS / CORTICAL
OT7S-3	BONE	SPECIAL*
OT7S-4	BONE	SPECIAL*
OT7-20	BONE	SPONGIOUS / CORTICAL
OT8L	BONE	SPONGIOUS / CORTICAL
OT8R	BONE	SPONGIOUS / CORTICAL
OT9	BONE	SPONGIOUS / CORTICAL
OT11	BONE	SPONGIOUS / CORTICAL
OT12	BONE	SPONGIOUS / CORTICAL
OT12S	BONE	SPECIAL*
OT13	BONE	SPONGIOUS / CORTICAL
OT14	BONE	SPONGIOUS / CORTICAL
SLO-H	BONE	SPONGIOUS / CORTICAL
PL1	BONE	SPONGIOUS / CORTICAL
PL2	BONE	SPONGIOUS / CORTICAL
PL3	BONE	SPONGIOUS / CORTICAL
PL0419	BONE	SPONGIOUS / CORTICAL
PL0527	BONE	SPONGIOUS / CORTICAL
PL0631	BONE	SPONGIOUS / CORTICAL
PL0719	BONE	SPONGIOUS / CORTICAL
OSTEOPLASTY		
OP1	BONE	SPONGIOUS / CORTICAL
OP2	BONE	SPONGIOUS / CORTICAL
OP3	BONE	SPONGIOUS / CORTICAL
OP3A	BONE	SPONGIOUS / CORTICAL
SLC	BONE	SPONGIOUS / CORTICAL
OP4	BONE	SPONGIOUS / CORTICAL
OP5	ROOT	PERIO
OP5A	ROOT	PERIO
	BONE	SPECIAL
OP6	ROOT	PERIO
OP7	BONE	SPONGIOUS / CORTICAL
OP8	ROOT	PERIO
	BONE	SPECIAL
OP9	BONE	SPONGIOUS / CORTICAL
OP1125	BONE	SPONGIOUS / CORTICAL
OP1225	BONE	SPONGIOUS / CORTICAL

INSERT	MODE	POWER
SINUS MEMBRANE ELEVATION		
EL1	ROOT	ENDO*
EL2	ROOT	ENDO*
EL3	ROOT	ENDO*
SLS	BONE	SPECIAL*
SLE1	BONE	SPECIAL*
SLE2	BONE	SPECIAL*
PERIOSTEUM		
PR1	BONE	SPONGIOUS / CORTICAL
PR2	BONE	SPONGIOUS / CORTICAL
ENDO RETRO		
EN1	ROOT	ENDO*
EN2	ROOT	ENDO*
EN3	ROOT	ENDO*
EN4	ROOT	ENDO*
EN5R	ROOT	ENDO*
EN5L	ROOT	ENDO*
EN6R	ROOT	ENDO*
EN6L	ROOT	ENDO*
EXTRACTION		
EX1	BONE	SPONGIOUS / CORTICAL
EX2	BONE	SPONGIOUS / CORTICAL
EX3	BONE	SPONGIOUS / CORTICAL
EX0410	BONE	SPECIAL*
EX0510	BONE	SPONGIOUS / CORTICAL
EX0610	BONE	SPONGIOUS / CORTICAL
EXL1	BONE	CORTICAL
EXL2	BONE	CORTICAL
EXL3	BONE	CORTICAL
EXPLANTATION		
EXP3-R	BONE	SPECIAL / SPONGIOUS / CORTICAL
EXP3-L	BONE	SPECIAL / SPONGIOUS / CORTICAL
EXP4-R	BONE	SPECIAL / SPONGIOUS / CORTICAL
EXP4-L	BONE	SPECIAL / SPONGIOUS / CORTICAL
PERIO		
PP1	ROOT	PERIO
PS1	ROOT	PERIO
PS2	ROOT	PERIO
PS6	ROOT	PERIO
PP10	ROOT	PERIO
PP11	ROOT	PERIO
PP12	ROOT	PERIO
IMPLANT CLEANING		
ICP + IC1	ROOT	ENDO / PERIO
RESTORATIVE		
DB2	ROOT	PERIO
	BONE	SPECIAL

* Maximum power permitted

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APPROPRIATE SETTINGS FOR THE INSERTS



PIEZOSURGERY® II

INSERT	MODE	POWER**
IMPLANT PREP		
IM1S	BONE	SPECIAL*
IM1 AL	BONE	3 / 2 / 1
IM2A	BONE	3 / 2 / 1
IM2A-15	BONE	3 / 2 / 1
IM2P	BONE	3 / 2 / 1
IM2P-15	BONE	3 / 2 / 1
IM2.8A	BONE	3 / 2 / 1
IM2.8P	BONE	3 / 2 / 1
IM3A	BONE	3 / 2 / 1
IM3A -15	BONE	3 / 2 / 1
IM3P	BONE	3 / 2 / 1
IM3P-15	BONE	3 / 2 / 1
IM3.4A	BONE	3 / 2 / 1
IM3.4P	BONE	3 / 2 / 1
IM4A	BONE	3 / 2 / 1
IM4P	BONE	3 / 2 / 1
P2-3	BONE	3 / 2 / 1
P3-4	BONE	3 / 2 / 1

INSERT	MODE	POWER**
OSTEOTOMY		
OT1	BONE	3 / 2 / 1
OT1A	BONE	3 / 2 / 1
OT2	BONE	3 / 2 / 1
OT4	BONE	3 / 2 / 1
OT5	BONE	3 / 2 / 1
OT5A	BONE	3 / 2 / 1
OT5B	BONE	3 / 2 / 1
OT6	BONE	3 / 2 / 1
OT7	BONE	3 / 2 / 1
OT7A	BONE	3 / 2 / 1
OT7S-3	BONE	SPECIAL*
OT7S-4	BONE	SPECIAL*
OT7-20	BONE	3 / 2 / 1
OT8L	BONE	3 / 2 / 1
OT8R	BONE	3 / 2 / 1
OT9	BONE	3 / 2 / 1
OT11	BONE	3 / 2 / 1
OT12	BONE	3 / 2 / 1
OT12S	BONE	SPECIAL*
OT13	BONE	3 / 2 / 1
OT14	BONE	3 / 2 / 1
SLO-H	BONE	3 / 2 / 1
PL1	BONE	3 / 2 / 1
PL2	BONE	3 / 2 / 1
PL3	BONE	3 / 2 / 1
PL0419	BONE	3 / 2 / 1
PL0527	BONE	3 / 2 / 1
PL0631	BONE	3 / 2 / 1
PL0719	BONE	3 / 2 / 1
OSTEOPLASTY		
OP1	BONE	3 / 2 / 1
OP2	BONE	3 / 2 / 1
OP3	BONE	3 / 2 / 1
OP3A	BONE	3 / 2 / 1
SLC	BONE	3 / 2 / 1
OP4	BONE	3 / 2 / 1
OP5	ROOT	PERIO
OP5A	ROOT	PERIO
	BONE	SPECIAL
OP6	ROOT	PERIO
OP7	BONE	3 / 2 / 1
OP9	BONE	3 / 2 / 1
OP1125	BONE	3 / 2 / 1
OP1225	BONE	3 / 2 / 1

INSERT	MODE	POWER**
SINUS MEMBRANE ELEVATION		
EL1	ROOT	ENDO*
EL2	ROOT	ENDO*
EL3	ROOT	ENDO*
SLS	BONE	SPECIAL 1
SLE1	BONE	SPECIAL 1
SLE2	BONE	SPECIAL 1
PERIOSTEUM		
PR1	BONE	3 / 2 / 1
PR2	BONE	3 / 2 / 1
ENDO RETRO		
EN1	ROOT	ENDO*
EN2	ROOT	ENDO*
EN3	ROOT	ENDO*
EN4	ROOT	ENDO*
EN5R	ROOT	ENDO*
EN5L	ROOT	ENDO*
EN6R	ROOT	ENDO*
EN6L	ROOT	ENDO*
EXTRACTION		
EX1	BONE	3 / 2 / 1
EX2	BONE	3 / 2 / 1
EX3	BONE	3 / 2 / 1
EX0410	SPECIAL*	
EX0510	BONE	3 / 2 / 1
EX0610	BONE	3 / 2 / 1
EXL1	BONE	1
EXL2	BONE	1
EXL3	BONE	1
EXPLANTATION		
EXP3-R	BONE	SPECIAL / 3 / 2 / 1
EXP3-L	BONE	SPECIAL / 3 / 2 / 1
EXP4-R	BONE	SPECIAL / 3 / 2 / 1
EXP4-L	BONE	SPECIAL / 3 / 2 / 1
PERIO		
PP1	ROOT	PERIO
PS1	ROOT	PERIO
PS2	ROOT	PERIO
PS6	ROOT	PERIO
PP10	ROOT	PERIO
PP11	ROOT	PERIO
PP12	ROOT	PERIO
IMPLANT CLEANING		
ICP + IC1	ROOT	ENDO / PERIO
RESTORATIVE		
DB2	ROOT	PERIO
	BONE	SPECIAL

* Maximum power permitted
** Power: 1 = max 2 = med 3 = min

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IMPLANT SITE PREPARATION SEQUENCE

PIEZOSURGERY® IMPLANT SITE PREPARATION INSERTS

IMPLANTS 3.2 – 3.3

INSERT SEQUENCE	BONE QUALITY
IM1S	
IM2	L
P2-3*	
IM2.8	M
IM3	H

IMPLANTS 3.7 – 3.8

INSERT SEQUENCE	BONE QUALITY
IM1S	
IM2	
P2-3*	
IM2.8	L
IM3	M
P3-4*	
IM3.4	H

IMPLANTS 4.0 – 4.1

INSERT SEQUENCE	BONE QUALITY
IM1S	
IM2	
P2-3*	
IM3	L
P3-4*	
IM3.4	M
CORTICAL BONE TAP TOOL	H

IMPLANTS 4.8 – 5.0

INSERT SEQUENCE	BONE QUALITY
IM1S	
IM2	
P2-3*	
IM3	
P3-4*	
IM4	L M
CORTICAL BONE TAP TOOL	H

L low bone density

M medium bone density

H hard bone density

* only crestal cortical

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