

mectron



→ MECTRON  
ULTRASONIC INSERTS



# → ULTRASONIC INSERTS

→ MULTIPIEZO *white*

## → A LARGE VARIETY OF APPLICATIONS

Scaling, perio, endo, restorative – mectron offers a wide range of applications. mectron's high-quality technique guarantees maximum treatment power and utmost security in each single unit.

This remarkable quality is the result of the successful combination of fine electronic concept and a special tips design.



→ COMBI touch



→ MICROPIEZO S



→ MULTIPIEZO touch



→ MULTIPIEZO PRO



→ COMPACT PIEZO LED



→ COMPACT PIEZO P2K



# → THE INSERTS

Mectron offers an unequalled variety of inserts – for every indication, every treatment, and every situation you will face in your daily practice. More than 45 different inserts are available.

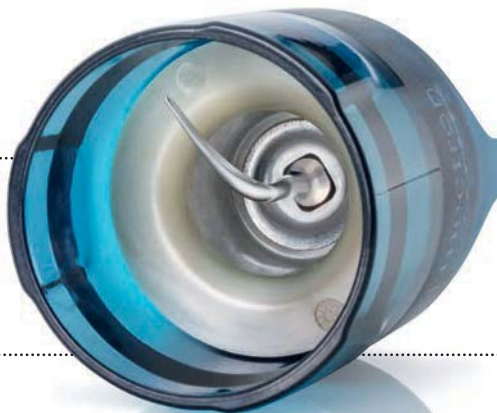


# → DYNAMOMETRIC TORQUE WRENCH K10



## → DYNAMOMETRIC TORQUE WRENCH K10 – PROTECTS YOUR HANDPIECE AND INSERTS

- sterilisable
- every insert is supplied with its own torque wrench





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# → SET MAINTENANCE

## → EQUIPPED WITH:

- 1 insert S1
- 1 insert S2
- 1 insert S5
- 1 insert P2
- 1 insert P10
- 5 torque wrenches K10





# → SET SCALING

## → EQUIPPED WITH:

- 1 insert S1
- 1 insert S2
- 1 insert S3
- 1 insert S4
- 1 insert S5
- 5 torque wrenches K10



# → SET PERIO MAINTENANCE

## → EQUIPPED WITH:

- 1 insert P10
- 1 insert P11
- 1 insert P12
- 1 insert P13
- 1 insert P14
- 5 torque wrenches K10



# → SET PERIO TREATMENT



- EQUIPPED WITH:
- 1 insert S1-S
  - 1 insert P2
  - 1 insert P15
  - 1 insert P16R
  - 1 insert P16L
  - 5 torque wrenches K10



# → SET IMPLANT CLEANING

→ EQUIPPED WITH:

- 1 insert ICS
- 1 torque wrench K10
- 5 Implant cleaning tips IC1

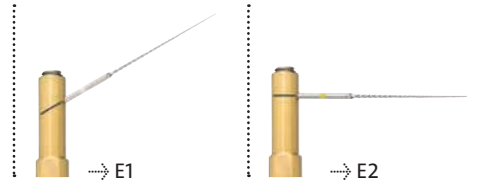


# → SET ENDO



## → EQUIPPED WITH:

- 1 file holder E1 120°
- 1 file holder E2 90°
- 6 NiTi-files ISO 15, 27 mm
- 6 NiTi-files ISO 20, 27 mm
- 6 NiTi-files ISO 25, 27 mm
- 6 NiTi-files ISO 15, 31 mm
- 6 NiTi-files ISO 20, 31 mm
- 6 NiTi-files ISO 25, 31 mm
- 1 wrench K1
- 1 wrench for endo files



# → SET ENDO REVISION

→ EQUIPPED WITH:

- 1 insert ER1
- 1 insert ER2
- 1 insert ER3
- 1 insert ER4
- 1 insert ER5



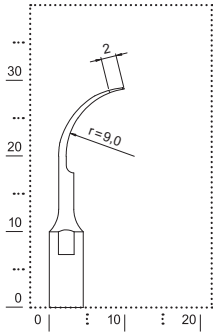
# → SET ENDO RETRO



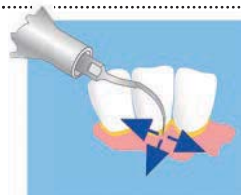
## → EQUIPPED WITH:

- 1 insert R1
- 1 insert R2
- 1 insert R3
- 1 insert R4
- 1 insert R5





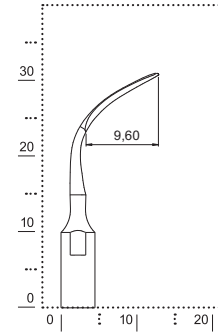
- IDENTIFICATION  
scaling
- MORPHOLOGY  
universal curette with semicircular diameter
- SURFACE  
brightly polished medical grade stainless steel
- TREATMENT  
for considerable tartar removal

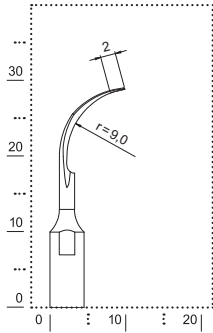




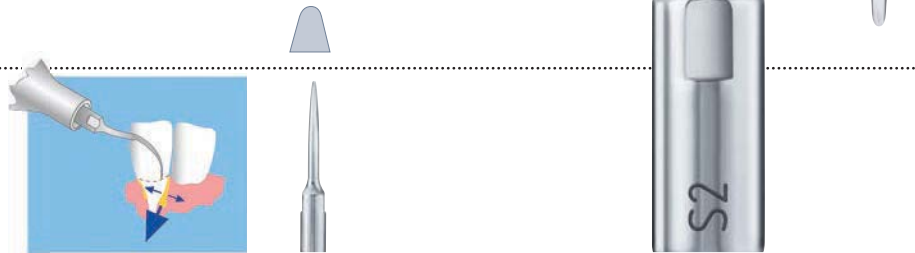


- IDENTIFICATION  
perio/scaling
- MORPHOLOGY  
long universal curette with triangled slightly curved surface
- SURFACE  
brightly polished medical grade stainless steel
- TREATMENT  
for supragingival tartar removal and subgingival concretions and biofilm elimination



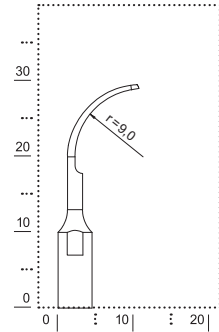


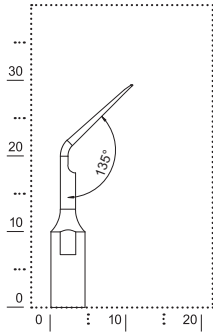
- IDENTIFICATION  
scaling
- MORPHOLOGY  
universal curette with triangled, slightly curved surface
- SURFACE  
brightly polished medical grade stainless steel
- TREATMENT  
efficient in the interdental spaces and posterior surfaces





- IDENTIFICATION  
scaling
- MORPHOLOGY  
flat, with rounded edges
- SURFACE  
brightly polished medical grade stainless steel
- TREATMENT  
for considerable supragingival  
tartar removal





→ IDENTIFICATION

scaling

→ MORPHOLOGY

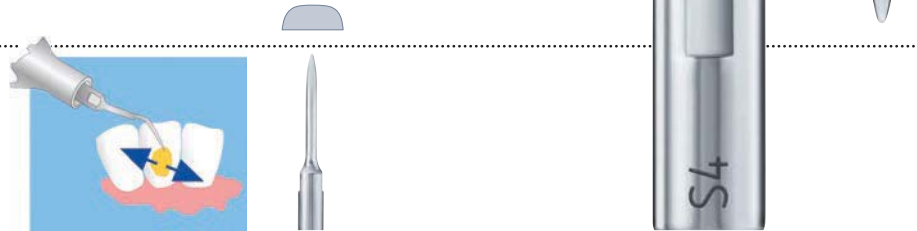
universal curette with 45° angled, triangled and slightly curved surface

→ SURFACE

brightly polished medical grade stainless steel

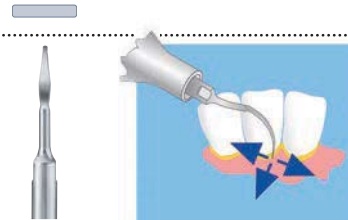
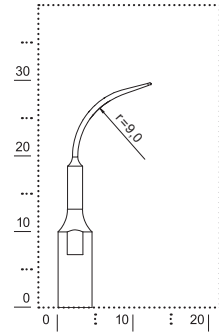
→ TREATMENT

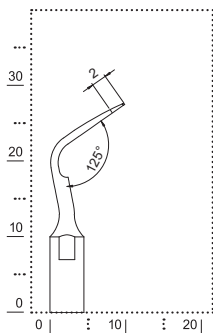
for tartar removal on mesial and distal interdental surfaces in the posterior area





- **IDENTIFICATION**  
scaling
- **MORPHOLOGY**  
similar shape to S1 insert  
but longer and thinner
- **SURFACE**  
brightly polished medical grade stainless steel
- **TREATMENT**  
for gentle supra- and subgingival  
tartar removal and for gingivitis





→ IDENTIFICATION

scaling

→ MORPHOLOGY

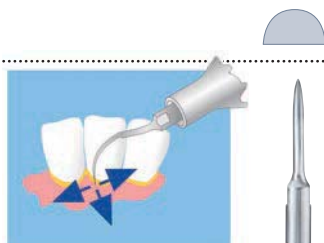
contra-angled universal curette with semicircular diameter

→ SURFACE

brightly polished medical grade stainless steel

→ TREATMENT

powerful insert (twice the power of S1 insert) for considerable tartar removal





→ IDENTIFICATION

scaling

→ MORPHOLOGY

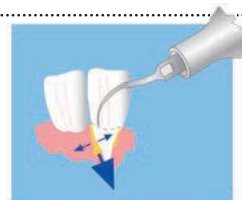
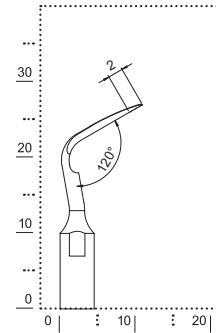
contra-angled universal curette with  
triangled, slightly curved surface

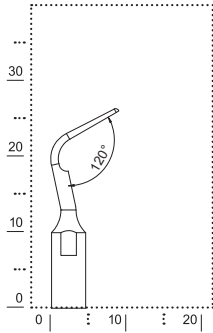
→ SURFACE

brightly polished medical grade stainless steel

→ TREATMENT

powerful insert (twice the power of  
S2 insert) efficient in the interdental  
spaces and posterior surfaces





→ IDENTIFICATION

scaling

→ MORPHOLOGY

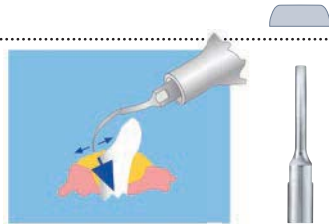
contra-angled, flat working surface with round edges

→ SURFACE

brightly polished medical grade stainless steel

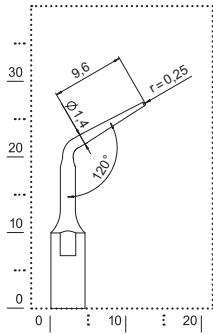
→ TREATMENT

powerful insert (twice the power of S3 insert) for considerable supragingival tartar removal







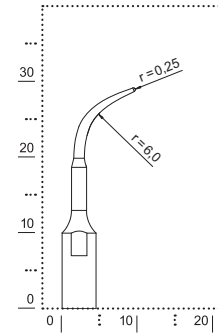


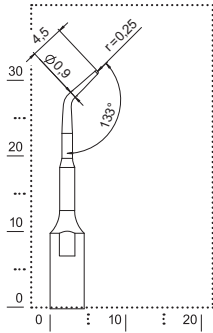
- IDENTIFICATION  
perio
- MORPHOLOGY  
long, straight working tip with a circular surface
- SURFACE  
brightly polished medical grade stainless steel
- TREATMENT  
for concrements and biofilm  
removal from root surfaces





- IDENTIFICATION  
perio
- MORPHOLOGY  
curved working tip with a circular surface
- SURFACE  
brightly polished medical grade stainless steel
- TREATMENT  
for concrements and biofilm  
removal from root surfaces





→ IDENTIFICATION

perio

→ MORPHOLOGY

straight long shaft, short working tip with a circular surface

→ SURFACE

brightly polished medical grade stainless steel

→ TREATMENT

for concretions and biofilm removal in furcations





→ IDENTIFICATION

perio

→ MORPHOLOGY

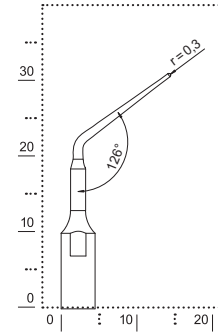
extra long, straight working tip  
with a circular surface

→ SURFACE

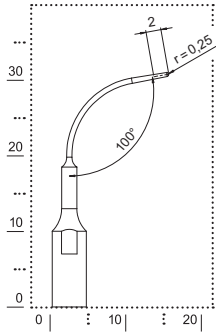
brightly polished medical grade stainless steel

→ TREATMENT

for concrements and biofilm removal  
from root surfaces



# → P10



→ IDENTIFICATION

perio

→ MORPHOLOGY

extra long, curved working tip  
with a circular surface

→ SURFACE

brightly polished medical grade stainless steel

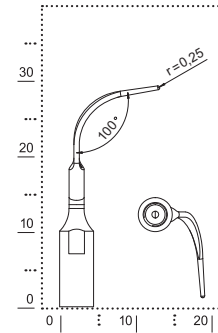
→ TREATMENT

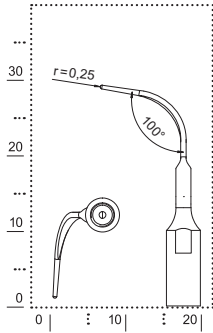
for concrements and biofilm removal  
from root surfaces





- IDENTIFICATION  
perio
- MORPHOLOGY  
right (inclination of 15°) curved insert  
with round tip
- SURFACE  
brightly polished medical grade stainless steel
- TREATMENT  
for gentle subgingival concrements removal





→ IDENTIFICATION

perio

→ MORPHOLOGY

left (inclination of 15°) curved insert  
with round tip

→ SURFACE

brightly polished medical grade stainless steel

→ TREATMENT

for gentle subgingival concretions removal







→ IDENTIFICATION

perio

→ MORPHOLOGY

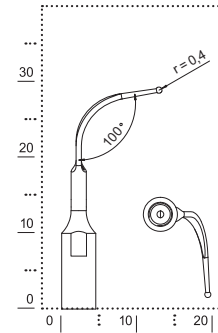
right (inclination of 15°) curved insert with spherical ( $\varnothing = 0.8 \text{ mm}$ ) round tip

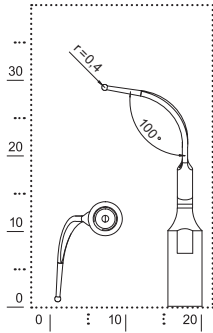
→ SURFACE

brightly polished medical grade stainless steel

→ TREATMENT

for concrements and biofilm removal in furcations and concavities





→ IDENTIFICATION

perio

→ MORPHOLOGY

left (inclination of 15°) curved insert  
with spherical ( $\varnothing = 0.8 \text{ mm}$ ) round tip

→ SURFACE

brightly polished medical grade stainless steel

→ TREATMENT

for concrements and biofilm removal  
in furcations and concavities





→ IDENTIFICATION

perio

→ MORPHOLOGY

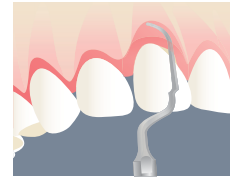
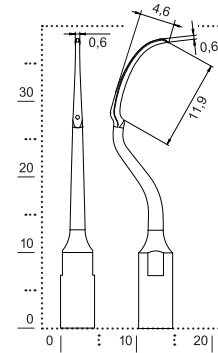
universal curette shape with round surface

→ SURFACE

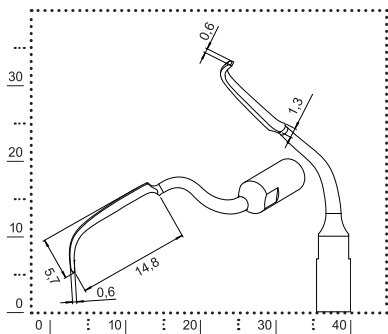
brightly polished medical grade stainless steel

→ TREATMENT

supra- and subgingival concretions and biofilm removal. Recommended for the treatment of canine and anterior teeth. Debridement of deep periodontal pockets.



# → P16R



→ IDENTIFICATION

perio

→ MORPHOLOGY

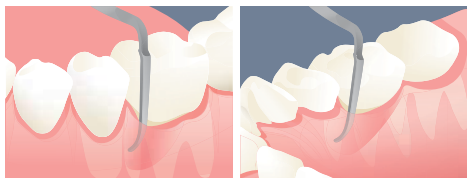
right angled periodontal curette

→ SURFACE

brightly polished medical grade stainless steel

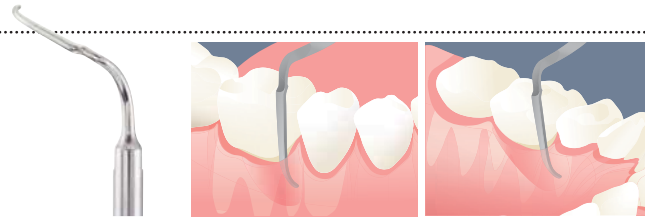
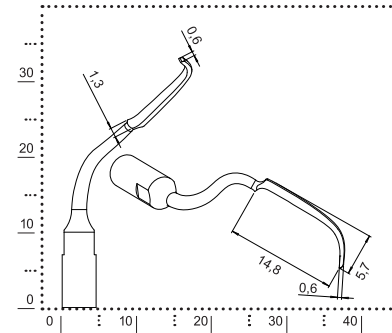
→ TREATMENT

subgingival concretions and biofilm removal from furcations and deep pockets. Recommended for the treatment of molars and premolars.





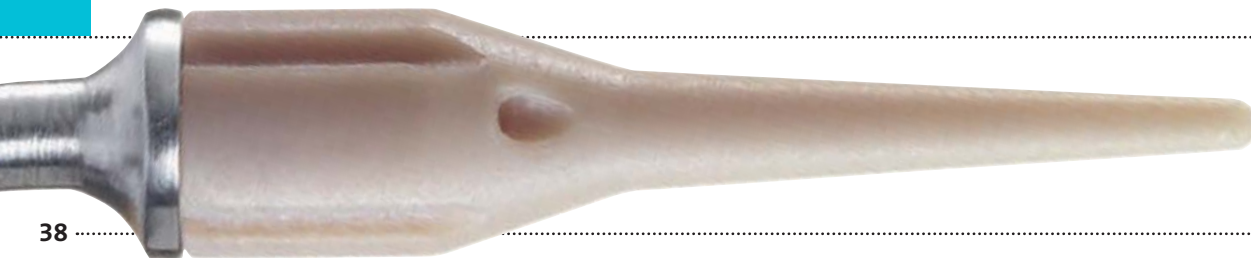
- IDENTIFICATION  
perio
- MORPHOLOGY  
left angled periodontal curette
- SURFACE  
brightly polished medical grade stainless steel
- TREATMENT  
subgingival concretions and biofilm removal from furcations and deep pockets. Recommended for the treatment of molars and premolars.



# → ICS + IC1

## → INSERT FOR IMPLANT CLEANING – MAXIMAL TREATMENT EFFICIENCY WITH THE HIGHEST PATIENT COMFORT

- tip IC1 – 100% PEEK (high tech plastics) – for the maximum respect of the implant surface
- the special shape of the tipholder ICS allows an optimal access and a perfect view even in posterior regions
- tipholder ICS and tip IC1 are both sterilisable and reusable



### → IMPLANT CLEANING SET S

The set consists  
of a tipholder ICS  
and 5 tips IC1



→ IDENTIFICATION

perio

→ MORPHOLOGY

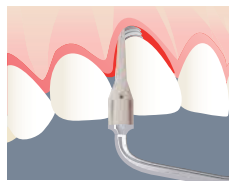
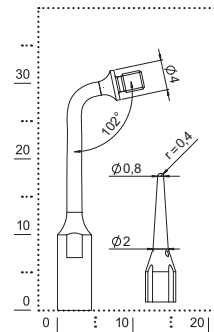
102° angled tipholder with conical PEEK tip  
(working length 10 mm, Ø apical 0,8 mm,  
Ø coronal 2 mm)

→ SURFACE

brightly polished medical grade stainless steel  
for tipholder ICS and 100% PEEK for IC1

→ TREATMENT

efficient and gentle cleaning of implants  
and restorations

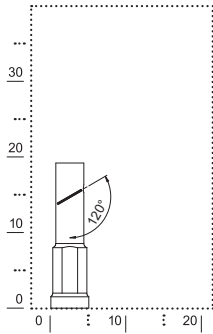


→ ICS

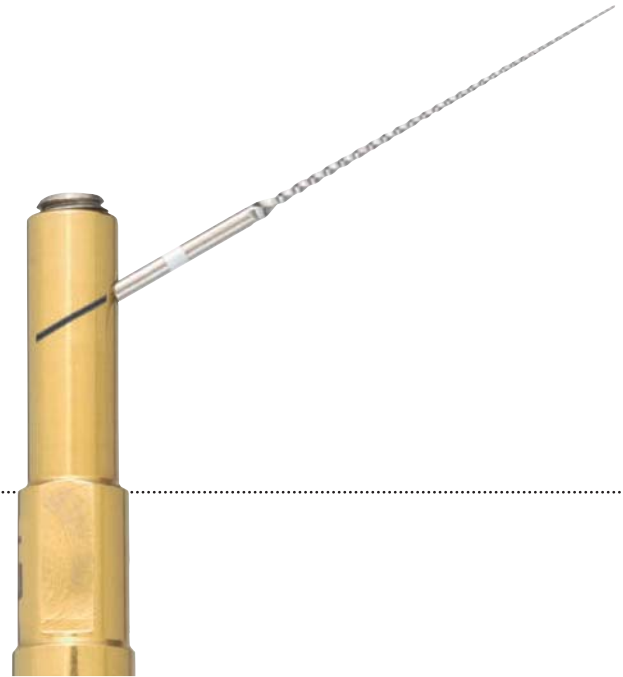


→ IC1

implant cleaning tip IC1  
can be easily tightened  
without special tools  
and is fully autoclavable

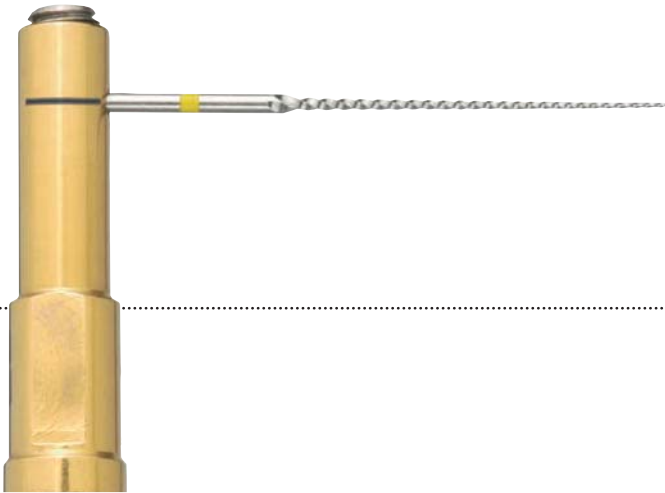
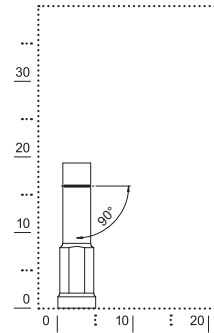


- IDENTIFICATION  
endo
- MORPHOLOGY  
endo files holder 120°
- SURFACE  
titanium nitride coat
- TREATMENT  
front teeth and premolars treatment





- IDENTIFICATION  
endo
- MORPHOLOGY  
endo files holder 90°
- SURFACE  
titanium nitride coat
- TREATMENT  
molars treatment



# → ENDO FILES

## → NITI-FILES FOR ULTRASONIC UNITS

ISO 15



ISO 20



ISO 25



→ 27 MM LENGTH

ISO 15



ISO 20



ISO 25



mectron endo files allow a fast root canal preparation for the consequent tridimensional filling treatment.

The liquid irrigation activated by the ultrasonic system arises a double effect:

- the root canal disinfection allowed by a bactericidal effect thanks to the temperature increase of the irrigation liquid
- debris removal (smear layer) generated by an acoustic streaming outcome

→ 31 MM LENGTH

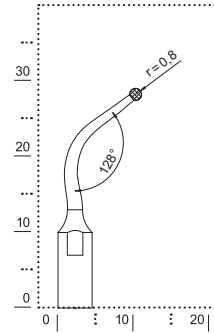
## → ENDO REVISION WITH ER INSERTS

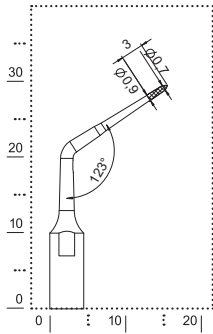
Exposure and removal of root pins, fast and effective removal of calcification in the coronal third of the root, removal of fractured root inserts – the ER inserts cover the complete spectrum of endodontic revision treatment.





- **IDENTIFICATION**  
endo revision
- **MORPHOLOGY**  
angled shaft with small, spherical ( $\varnothing 1.7$  mm)  
and D30 diamond coated tip
- **SURFACE**  
titanium nitride coat
- **TREATMENT**  
exposure of root canal pins





→ IDENTIFICATION

endo revision

→ MORPHOLOGY

angled insert with 0.7 mm  $\varnothing$ , working length up to 10 mm, the last 5 mm D30 diamond coated

→ SURFACE

titanium nitride coat

→ TREATMENT

location of concealed or calcified root canal entrances, removal of restoration materials, calcification and fractured inserts in the coronal third of the root canal





→ IDENTIFICATION

endo revision

→ MORPHOLOGY

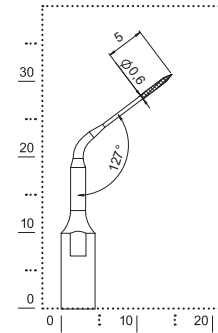
angled insert with 0.6 mm  $\varnothing$ , working length up to 10 mm, the last 5 mm D30 diamond coated

→ SURFACE

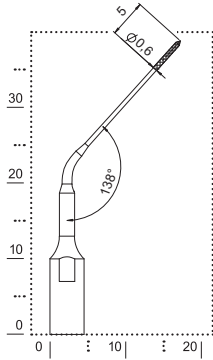
titanium nitride coat

→ TREATMENT

presentation of calcified root canals entrances, removal of root elements and fractured inserts in the coronal third of the root canal



# ER4



## → IDENTIFICATION

endo revision

## → MORPHOLOGY

angled insert with 0.6 mm  $\varnothing$ , working length up to 20 mm, the last 5 mm D30 diamond coated

## → SURFACE

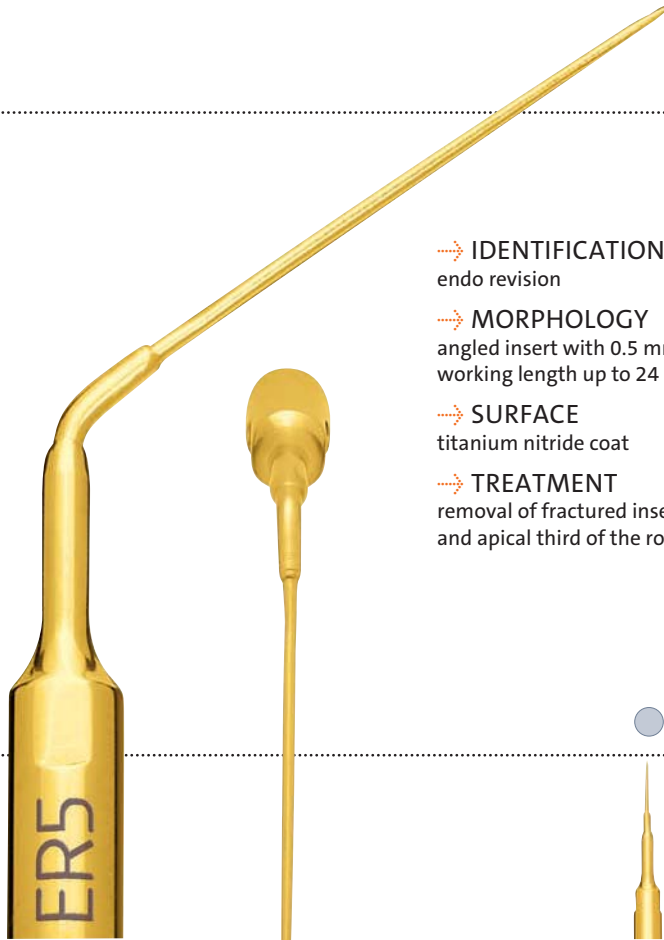
titanium nitride coat

## → TREATMENT

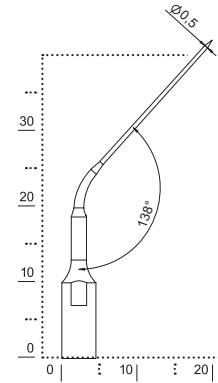
presentation of calcified root canals entrances, removal of root elements and fractured inserts in the coronal third of the root canal







- IDENTIFICATION  
endo revision
- MORPHOLOGY  
angled insert with 0.5 mm  $\varnothing$ ,  
working length up to 24 mm
- SURFACE  
titanium nitride coat
- TREATMENT  
removal of fractured inserts in the medial  
and apical third of the root canal



## → ENDO RETRO INSERTS – MINIMALLY INVASIVE RETROGRADE ROOT CANAL PREPARATION

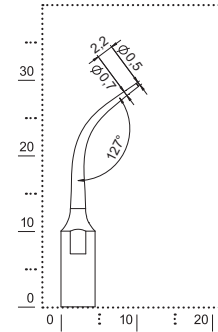
Endo retro inserts assure a satisfying solution to the root canal access issue. Their thin and 90° angled structure allows a conservative cut through a minimum wide bone window.

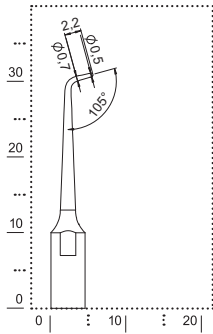
These advantages facilitate wound healing and spare the patient useless pain.





- IDENTIFICATION  
endo retro
- MORPHOLOGY  
curved insert with a conical round working tip
- SURFACE  
titanium nitride coat
- TREATMENT  
root canal cleaning



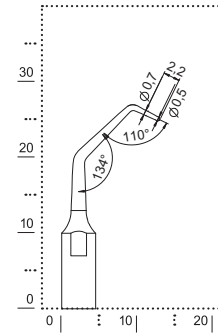


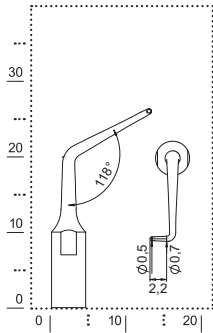
- IDENTIFICATION  
endo retro
- MORPHOLOGY  
long, straight insert with 90° angled working tip
- SURFACE  
titanium nitride coat
- TREATMENT  
root canal cleaning in the frontal area





- IDENTIFICATION  
endo retro
- MORPHOLOGY  
angled shaft, with 90° angled working tip
- SURFACE  
titanium nitride coat
- TREATMENT  
root canal cleaning in the frontal area



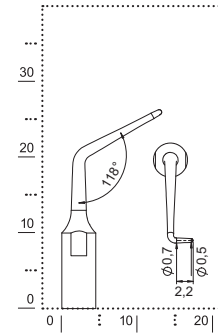


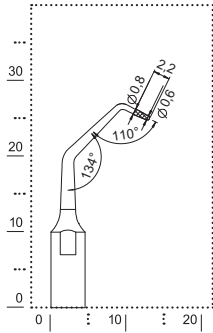
- IDENTIFICATION  
endo retro
- MORPHOLOGY  
angled shaft, with 90° right angled working tip
- SURFACE  
titanium nitride coat
- TREATMENT  
root canal cleaning in the molar area





- IDENTIFICATION  
endo retro
- MORPHOLOGY  
angled shaft, with 90° left angled working tip
- SURFACE  
titanium nitride coat
- TREATMENT  
root canal cleaning in the molar area





→ IDENTIFICATION

endo retro

→ MORPHOLOGY

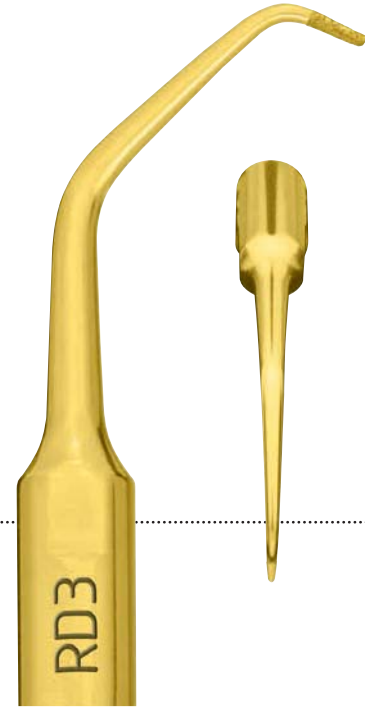
angled shaft, with 90° angled working tip and fine diamond coating (D30)

→ SURFACE

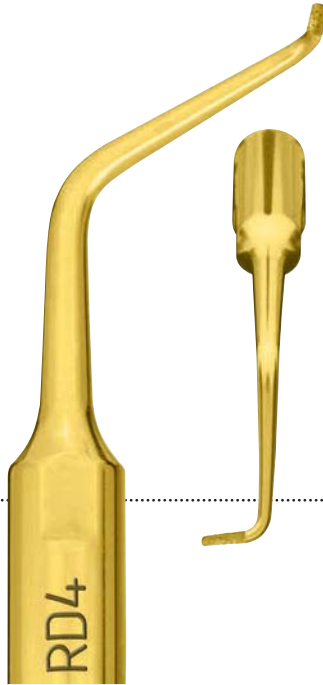
titanium nitride coat

→ TREATMENT

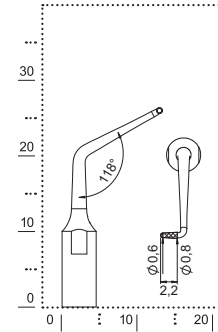
root canal cleaning in the frontal area



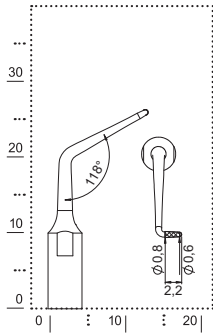




- IDENTIFICATION  
endo retro
- MORPHOLOGY  
angled shaft, with 90° right angled working tip  
and fine diamond coating (D30)
- SURFACE  
titanium nitride coat
- TREATMENT  
root canal cleaning in the molar area



# RD5



## IDENTIFICATION

endo retro

## MORPHOLOGY

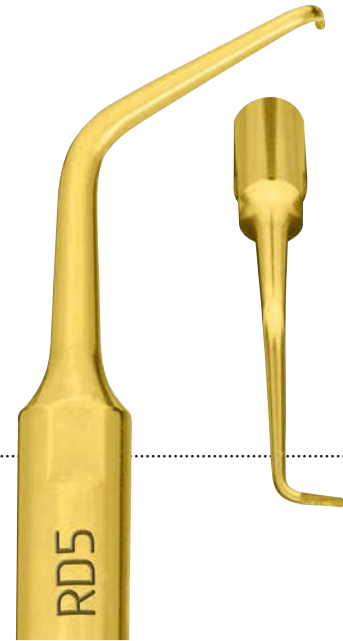
angled shaft, with 90° left angled working tip and fine diamond coating (D30)

## SURFACE

titanium nitride coat

## TREATMENT

root canal cleaning in the molar area





## → EXTRACTION INSERTS – EXCLUSIVE FOR UNITS WITH PULSE MODE

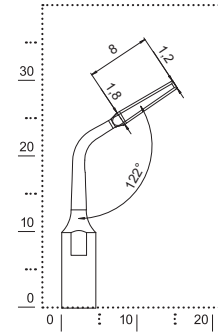
Even if the primary objective of dentistry is the preservation of natural teeth, sometimes extractions cannot be avoided. In these cases, maximum safety is the most important thing during treatment.

The specially shaped inserts ME1, ME2 and ME3 – with a blade thickness of only 0.35 mm – perfectly fulfill the anatomical demands of non surgical extractions. They offer maximum intra-operative sensitivity, allowing a great preservation of alveolar bone and periodontal tissues. Furthermore, the physiological solution guarantees maximum visibility thanks to the cavitation effect which leads to a temporary hemostasis of blood vessels.

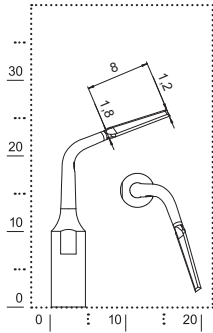
→ EXCLUSIVE FOR UNITS WITH PULSE MODE



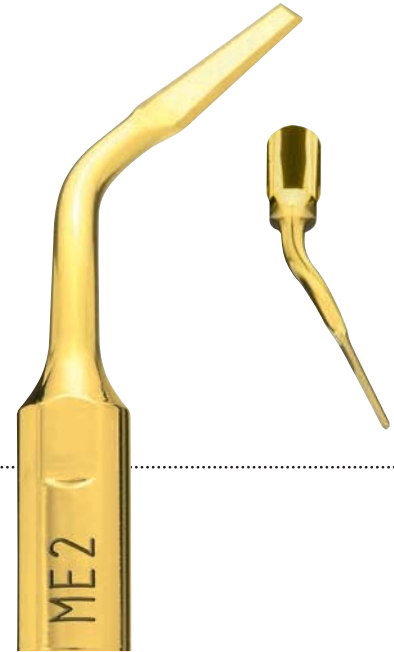
- IDENTIFICATION  
extractions
- MORPHOLOGY  
double-edged blade with a thickness of only 0.35 mm
- SURFACE  
titanium nitride coat
- TREATMENT  
atraumatic teeth removal



EXTRACTION INSERTS

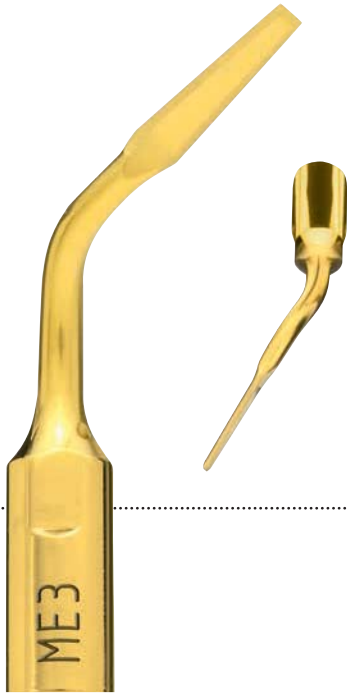


- IDENTIFICATION  
extractions
- MORPHOLOGY  
left angled, double-edged blade  
with a thickness of only 0.35 mm
- SURFACE  
titanium nitride coat
- TREATMENT  
atraumatic teeth removal

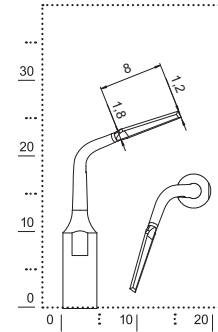


→ EXCLUSIVE FOR UNITS WITH PULSE MODE

→ ME3\*



- IDENTIFICATION  
extractions
- MORPHOLOGY  
right angled, double-edged blade  
with a thickness of only 0.35 mm
- SURFACE  
titanium nitride coat
- TREATMENT  
atraumatic teeth removal



EXTRACTION INSERTS

# CROWN PREP TIPS

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## CROWN PREP TIPS – ATRAUMATIC AND PRECISE

The crown prep tips are dedicated to the preparation and finishing of subgingival margins. Due to the particular morphology, the tip could be used in contact with the margin without damaging the surrounding soft tissues. The preparation margin could be positioned subgingivally giving more comfort to the patient.

The special shape of the tipholder allows an optimal view of the preparation field. The tipholder brings the crown prep tips to an elliptic movement and enables therefore a circular preparation of the tooth.

---





→ dynamometric wrench K7



→ key AB1



→ 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 |



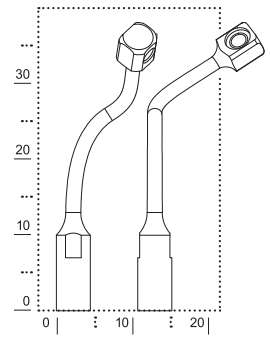
→ tip holder DB1 with crown prep tips



→ CHAMFER TECHNIQUE

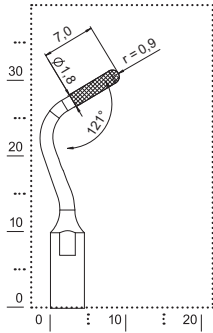
→ LENGTH 10 MM → DIAMOND COATING

| diameter | D120     | D90     | D60     |
|----------|----------|---------|---------|
| 1.2 mm   |          | TA12D90 | TA12D60 |
| 1.4 mm   | TA14D120 | TA14D90 | TA14D60 |
| 1.6 mm   | TA16D120 | TA16D90 | TA16D60 |



→ crown prep tip TA14D60





→ IDENTIFICATION

cavity margin

→ MORPHOLOGY

angled shaft with torpedo shaped working tip,  
 $\varnothing$  1.8 mm, medium diamond coating (D91)

→ SURFACE

titanium nitride coat

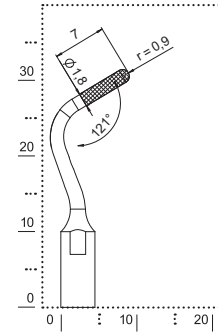
→ TREATMENT

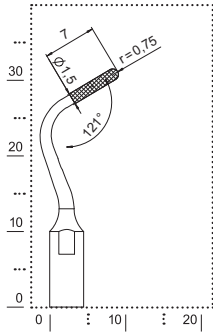
preparation of the crown core  
 and the crown margin





- IDENTIFICATION  
cavity margin
- MORPHOLOGY  
angled shaft with torpedo shaped working tip,  
Ø 1.8 mm, fine diamond coating (D30)
- SURFACE  
titanium nitride coat
- TREATMENT  
fine finishing of the crown core  
and the crown margin





→ IDENTIFICATION

cavity margin

→ MORPHOLOGY

angled shaft with torpedo shaped working tip,  
 $\varnothing$  1.5 mm, medium diamond coating (D91)

→ SURFACE

titanium nitride coat

→ TREATMENT

preparation of the crown core  
 and the crown margin





→ IDENTIFICATION

cavity margin

→ MORPHOLOGY

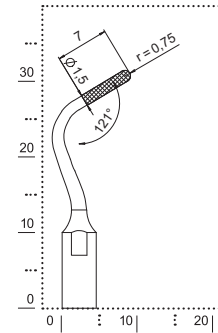
angled shaft with torpedo shaped working tip,  
 $\varnothing$  1.5 mm, fine diamond coating (D30)

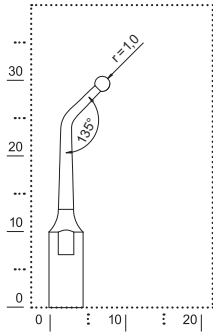
→ SURFACE

titanium nitride coat

→ TREATMENT

fine finishing of the crown core  
 and the crown margin



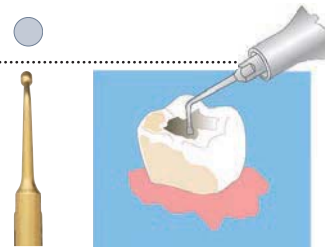
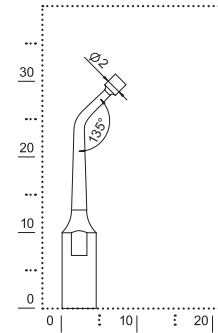


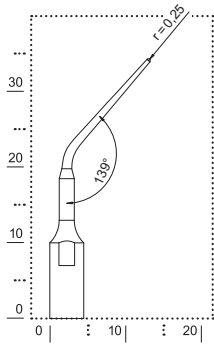
- IDENTIFICATION  
restorative
- MORPHOLOGY  
spherical tip
- SURFACE  
titanium nitride coat
- TREATMENT
  - amalgam condensation in class I, II and V preparations
  - gold fillings burnishing



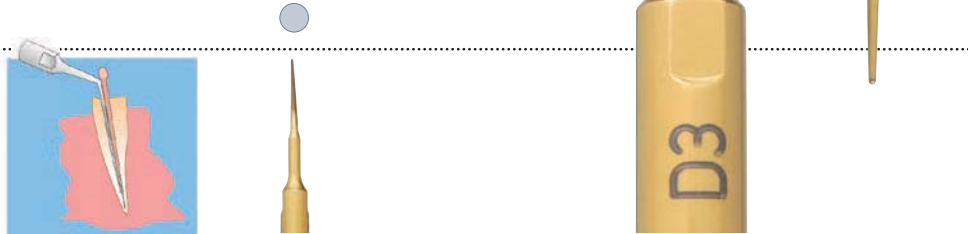


- IDENTIFICATION  
restorative
- MORPHOLOGY  
cylindrical tip
- SURFACE  
titanium nitride coat
- TREATMENT
  - amalgam condensation in class I, II and V preparations
  - crowns and bridges removal

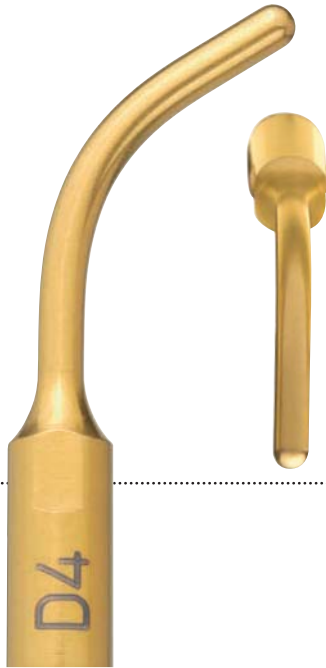




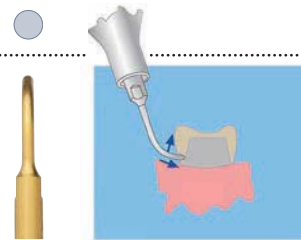
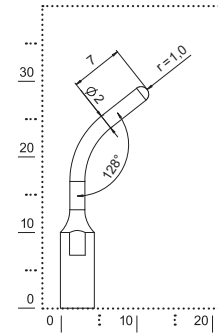
- IDENTIFICATION  
restorative
- MORPHOLOGY  
comparable to a manual spreader
- SURFACE  
titanium nitride coat
- TREATMENT  
lateral condensation of guttapercha







- IDENTIFICATION  
restorative
- MORPHOLOGY  
rounded working tip
- SURFACE  
titanium nitride coat
- TREATMENT  
crowns, bridges and  
metal points removal



# →→→ APPROPRIATE INSERT SETTINGS

|          | → MULTIPIEZO PRO<br>→ MULTIPIEZO <i>touch</i><br>→ MULTIPIEZO <i>white</i>        |                  |                            | → COMBI <i>touch</i>   |              |             | → MICROPIEZO  | → COMBI   |
|----------|---|------------------|----------------------------|--|--------------|-------------|---|---|
|          |  |                  |                            |  |              |             |  |  |
| function | endo  | perio/<br>scaler | restorative<br>prosthetics | endo   | perio/scaler | restorative | power   | power   |

## SCALING

|                                |  |       |  |  |       |  |     |     |
|--------------------------------|--|-------|--|--|-------|--|-----|-----|
| S1-S                           |  | 1-2** |  |  | 1-2** |  | 1-2 | 1-2 |
| S1, S2, S3, S4, S5, S6, S7, S8 |  | 1-3** |  |  | 1-3** |  | 1-3 | 1-3 |

## PERIO

|   |  |       |  |  |       |  |     |     |
|---|--|-------|--|--|-------|--|-----|-----|
| P1, P2, P3, P4, P10, P11, P12, P13, P14 |  | 1-3** |  |  | 1-3** |  | 1-3 | 1-2 |
| P15, P16R, P16L                         |  | 1-2*  |  |  | 1-2*  |  | 2   | 2   |

## IMPLANT CLEANING

|     |  |      |  |  |      |  |     |     |
|-----|--|------|--|--|------|--|-----|-----|
| ICS |  | 1-2* |  |  | 1-2* |  | 1-2 | 1-2 |
|-----|--|------|--|--|------|--|-----|-----|

## ENDO

|        |     |  |  |     |  |  |     |   |
|--------|-----|--|--|-----|--|--|-----|---|
| E1, E2 | 1-6 |  |  | 1-5 |  |  | 1-2 | 1 |
|--------|-----|--|--|-----|--|--|-----|---|

## ENDO REVISION

|                    |  |     |  |  |     |  |     |     |
|--------------------|--|-----|--|--|-----|--|-----|-----|
| ER1                |  | 2-4 |  |  | 1-5 |  | 3-6 | 2-4 |
| ER2, ER3, ER4, ER5 |  | 1-3 |  |  | 1-3 |  | 1-3 | 1-2 |

|          | → MULTIPIEZO PRO<br>→ MULTIPIEZO touch<br>→ MULTIPIEZO white |                  |                            | → COMBI touch | → MICROPIEZO | → COMBI     |       |       |
|----------|--|------------------|----------------------------|---------------|--------------|-------------|-------|-------|
| function | endo   | perio/<br>scaler | restorative<br>prosthetics | endo          | perio/scaler | restorative | power | power |

#### ENDO RETRO

|                                   |  |     |  |     |  |     |  |     |
|-----------------------------------|--|-----|--|-----|--|-----|--|-----|
| R1, R2, R3, R4, R5, RD3, RD4, RD5 |  | 1-3 |  | 1-3 |  | 1-4 |  | 1-3 |
|-----------------------------------|--|-----|--|-----|--|-----|--|-----|

#### CROWN PREP

|     |  |  |     |  |     |  |     |     |
|-----|--|--|-----|--|-----|--|-----|-----|
| DB1 |  |  | 4-6 |  | 4-5 |  | 4-6 | 3-4 |
|-----|--|--|-----|--|-----|--|-----|-----|

#### CAVITY MARGIN

|                    |  |  |     |  |     |  |     |     |
|--------------------|--|--|-----|--|-----|--|-----|-----|
| CM1, CM2, CM3, CM4 |  |  | 2-5 |  | 1-4 |  | 1-5 | 1-3 |
|--------------------|--|--|-----|--|-----|--|-----|-----|

#### RESTORATIVE

|            |  |  |     |  |     |  |     |     |
|------------|--|--|-----|--|-----|--|-----|-----|
| D1, D2, D4 |  |  | 1-6 |  | 1-4 |  | 4-6 | 3-4 |
| D3         |  |  | 4   |  | 1-4 |  | 3-5 | 2-3 |

#### EXTRACTION (only for units with restorative/prosthetics function)

|                  |  |  |   |  |   |  |  |  |
|------------------|--|--|---|--|---|--|--|--|
| ME1, ME2, ME3*** |  |  | 6 |  | 5 |  |  |  |
|------------------|--|--|---|--|---|--|--|--|



# REFERENCE NUMBERS

| → ITEM/REFERENCE NUMBER        |              |
|--------------------------------|--------------|
| set maintenance                | 02160035-001 |
| set scaling                    | 02160001-001 |
| set perio maintenance          | 02160006-001 |
| set perio treatment            | 02160036-001 |
| implant cleaning set S*        | 02160033-001 |
| set endo                       | 02980020-001 |
| set endo revision              | 02160008-001 |
| set endo retro                 | 02160004-001 |
| dynamometric torque wrench K10 | 02900137-001 |
| dynamometric wrench K6         | 02900074     |
| wrench K1                      | 02270003     |
| insert S1-S                    | 02960009-001 |
| insert S1                      | 02960001-001 |
| insert S2                      | 02960002-001 |
| insert S3                      | 02960003-001 |
| insert S4                      | 02960004-001 |
| insert S5                      | 02960005-001 |
| insert S6                      | 02960006-001 |
| insert S7                      | 02960007-001 |
| insert S8                      | 02960008-001 |
| insert P1                      | 02970001-001 |
| insert P2                      | 02970002-001 |
| insert P3                      | 02970003-001 |
| insert P4                      | 02970004-001 |
| insert P10                     | 03080001-001 |
| insert P11                     | 03080002-001 |
| insert P12                     | 03080003-001 |
| insert P13                     | 03080004-001 |

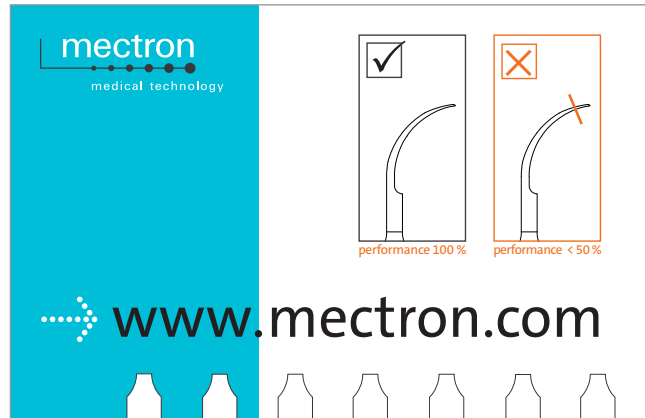
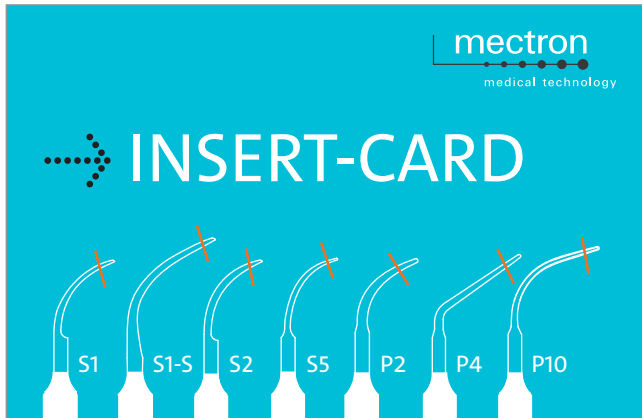
| → ITEM/REFERENCE NUMBER       |              |
|-------------------------------|--------------|
| insert P14                    | 03080005-001 |
| insert P15                    | 03080006-001 |
| insert P16R                   | 03080007-001 |
| insert P16L                   | 03080008-001 |
| tip holder ICS                | 03570004-001 |
| tip IC1 (5 pieces)            | 02900112     |
| insert E1                     | 02350001-001 |
| insert E2                     | 02350002-001 |
| 12 x endo file, ISO 15, 31 mm | 02730001     |
| 12 x endo file, ISO 20, 31 mm | 02730002     |
| 12 x endo file, ISO 25, 31 mm | 02730003     |
| 12 x endo file, ISO 15, 27 mm | 02740001     |
| 12 x endo file, ISO 20, 27 mm | 02740002     |
| 12 x endo file, ISO 25, 27 mm | 02740003     |
| insert ER1                    | 03450001-001 |
| insert ER2                    | 03450002-001 |
| insert ER3                    | 03450003-001 |
| insert ER4                    | 03450004-001 |
| insert ER5                    | 03450005-001 |
| insert R1                     | 03050001-001 |
| insert R2                     | 03050002-001 |
| insert R3                     | 03050003-001 |
| insert R4                     | 03050004-001 |
| insert R5                     | 03050005-001 |
| insert RD3                    | 03050006-001 |
| insert RD4                    | 03050007-001 |
| insert RD5                    | 03050008-001 |
| insert ME1                    | 03130001-001 |

| → ITEM/REFERENCE NUMBER |              |
|-------------------------|--------------|
| insert ME2              | 03130002-001 |
| insert ME3              | 03130003-001 |
| crown prep set**        | 02160009     |
| tip holder DB1          | 03570001     |
| 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     |
| insert CM1              | 02190003-001 |
| insert CM2              | 02190004-001 |
| insert CM3              | 02190001-001 |
| insert CM4              | 02190002-001 |
| insert D1               | 02990001-001 |
| insert D2               | 02990002-001 |
| insert D3               | 02990003-001 |
| insert D4               | 02990004-001 |

\* equipped with: ICS and 5 x IC1

\*\* equipped with: AB1, DB1 + K7

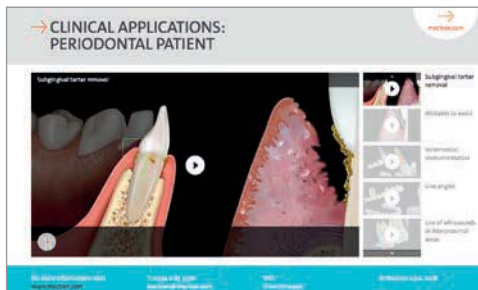
# MECTRON TIP CARD



Ultrasonic inserts wear out the same as hand inserts. Regularly check your inserts by means of the erosion tip card. Whenever your inserts are shorter than the orange hatched line, their performance is 50% less than the initial one. Such inserts should be quickly replaced.

## WELCOME TO THE PROPHYLAXIS WORLD BY MECTRON!

As emotional as it gets: we really love what we are doing, we love the beautiful results, we have a deep passion for our work and we want to share that with you!

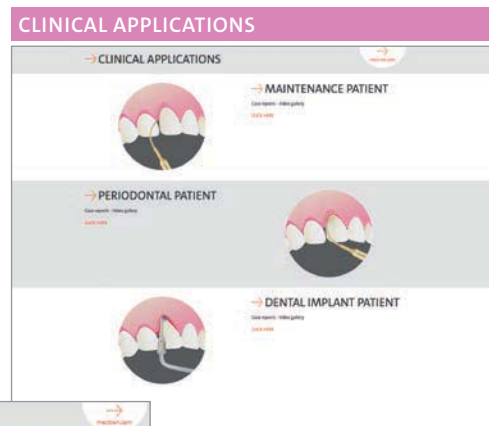


## NEW WEBSITE

Visit the website [www.we-love-prophylaxis.com](http://www.we-love-prophylaxis.com) a new tool dedicated to the prophylaxis from clinical point of view.

## CLINICAL APPLICATIONS

Discover the latest clinical videos and animations allowing an easy orientation about the endless possibilities ultrasounds and air polishers are offering.



## SCIENTIFIC RESEARCH

**→ SCIENTIFIC RESEARCH**

The present selection of scientific articles and case reports is given as a number of the scientific articles and case reports. The present selection of scientific articles and case reports is given as a number of the scientific articles and case reports. The present selection of scientific articles and case reports is given as a number of the scientific articles and case reports.

- High quality of research
- Research articles for the patient
- Research articles for the patient

With the present selection of scientific articles and case reports, the present selection of scientific articles and case reports is given as a number of the scientific articles and case reports.

**→ SCIENTIFIC ARTICLES**

**→ CASE REPORTS**

**→ CLINICAL PROTOCOLS**

**→ SCIENTIFIC RESEARCH: SCIENTIFIC ARTICLES**

**→ SCIENTIFIC ABSTRACTS RELATED TO THE USE OF THE ULTRASOUND TECHNOLOGY IN PROPHYLAXIS**

Research, Selection and Therapy Editorial of the American Academy of Periodontology

Dr. Carlos E. Cochran, D. Michael C. Nunn, D.D. Newman, R.S. Cohen, P. Gonzalez, L.R. Fink, C. Gonzalez, L. Horvath, M.S. Jovanovic, V. Jovanovic, R.S. Cohen

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