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# Ultrasonography Tip Book



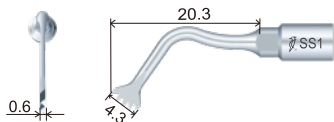
## Osteotomy

Model

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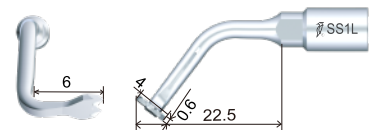
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SS1



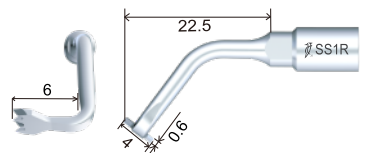
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SS1L



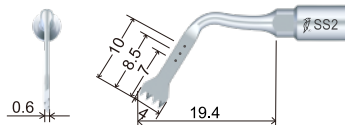
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SS1R



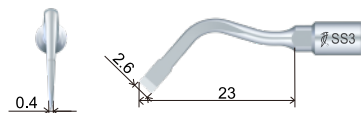
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SS2



3

SS3



3

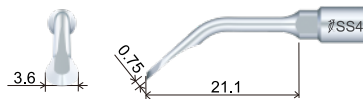
## Osteotomy

Model

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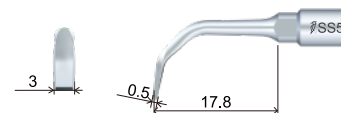
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SS4



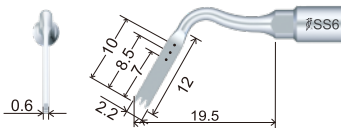
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SS5



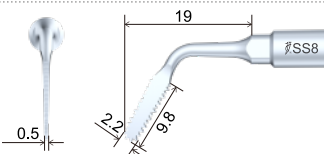
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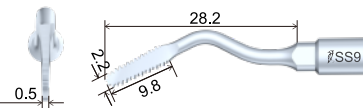
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SS8



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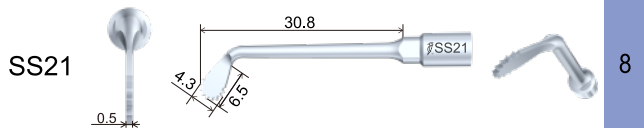
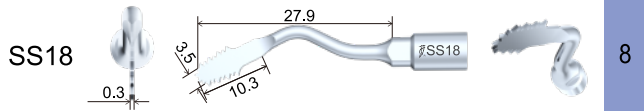
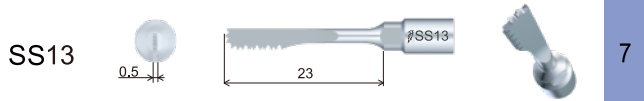
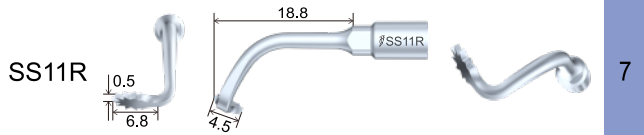
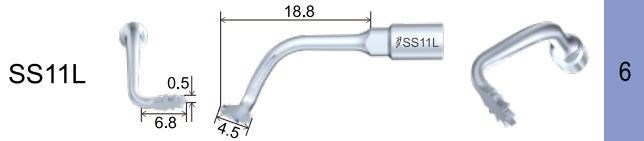
SS9



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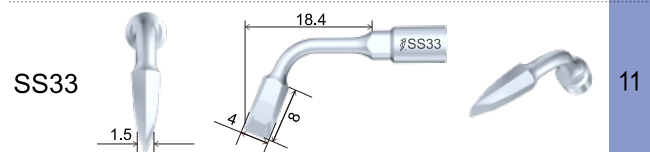
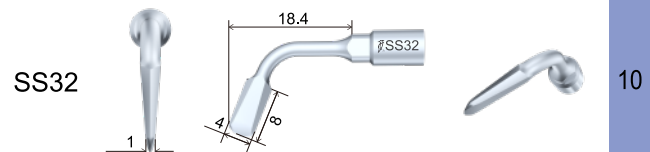
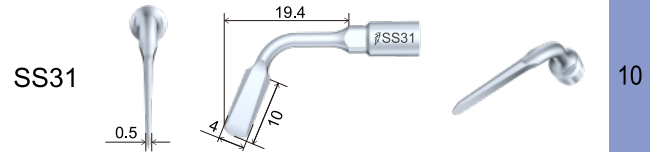
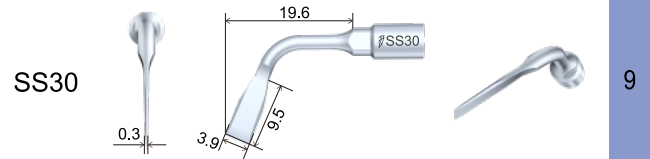
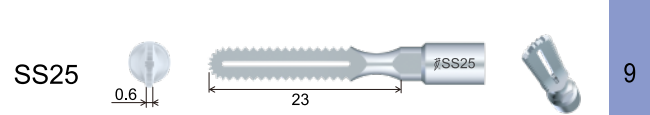
**Osteotomy**  
Model

Unit: mm  
Page



**Osteotomy**  
Model

Unit: mm  
Page

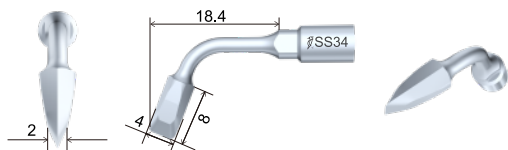


## Osteotomy

Model

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SS34



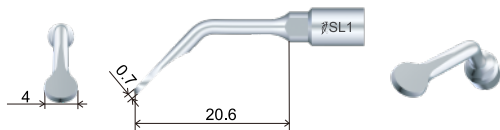
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## Sinus lifting

Model

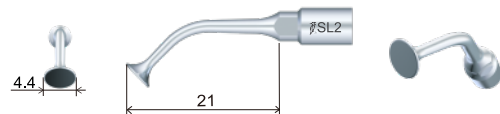
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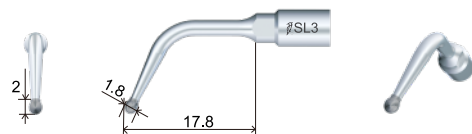
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SL2



12

SL3



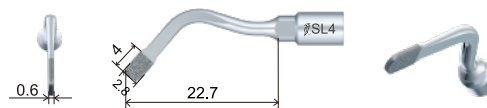
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## Sinus lifting

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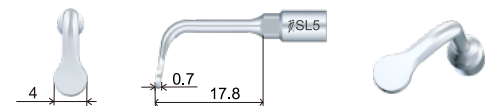
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SL4



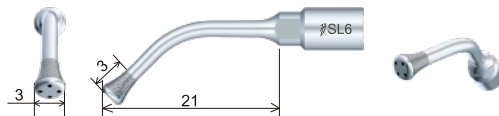
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SL5



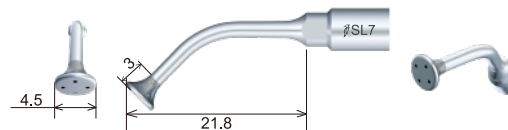
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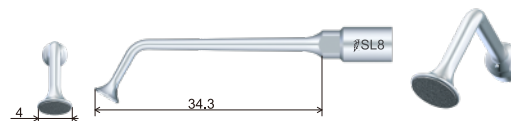
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SL7



15

SL8



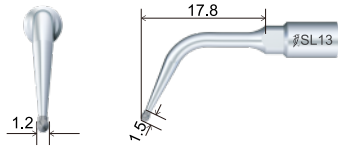
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## Sinus lifting

Model

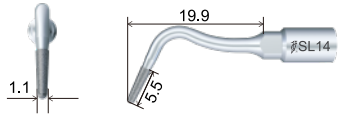
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SL13



16

SL14



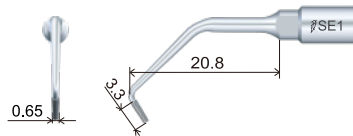
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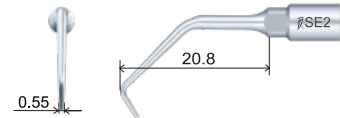
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SE1



17

SE2



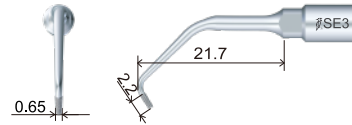
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## Endodontics Unit

Model

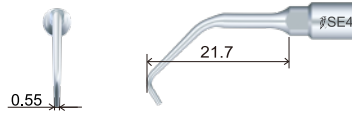
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SE3



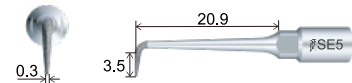
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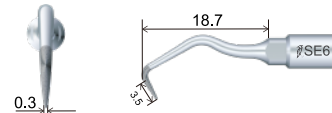
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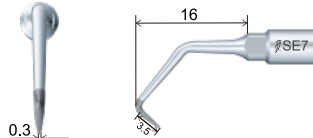
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SE6



19

SE7



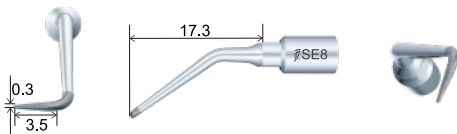
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## Endodontics Unit

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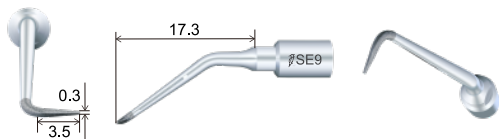
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SE8



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SE9



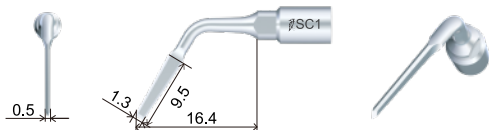
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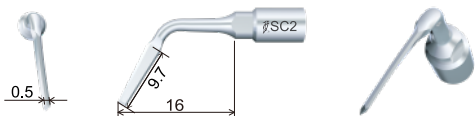
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SC1



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SC2



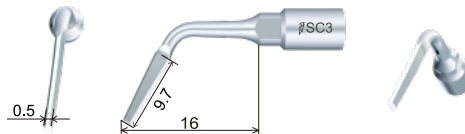
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## Extraction

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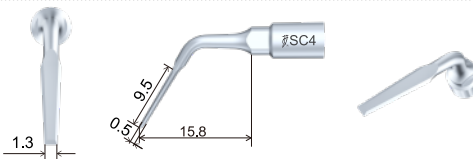
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SC3



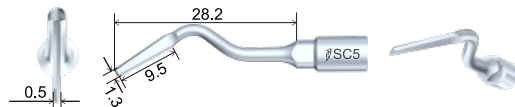
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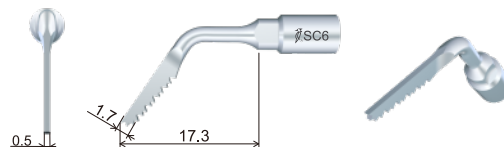
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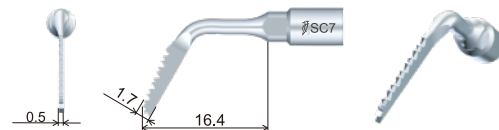
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SC6



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SC7



24

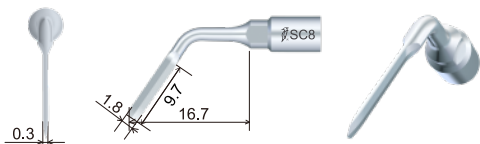
## Extraction

Model

Unit: mm

Page

SC8



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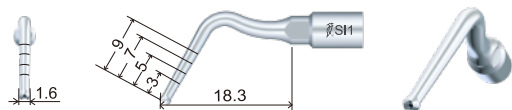
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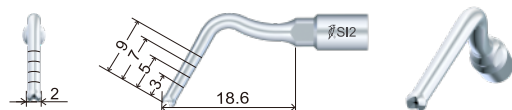
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SI1



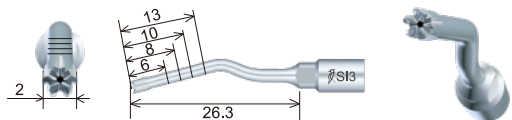
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SI2



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SI3



26

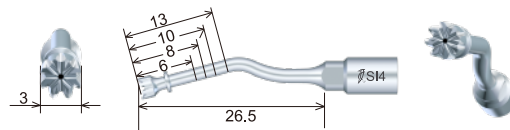
## Implantation

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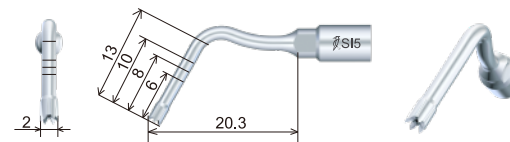
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SI4



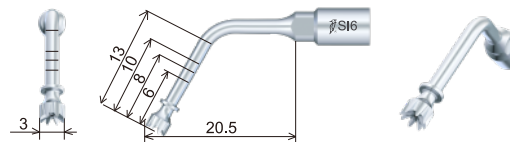
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SI5



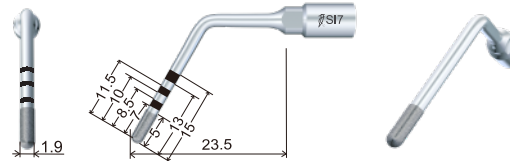
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SI6



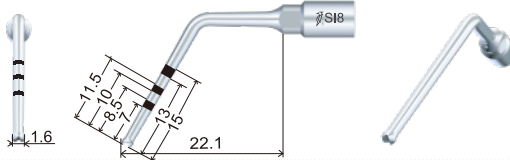
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SI7



28

SI8



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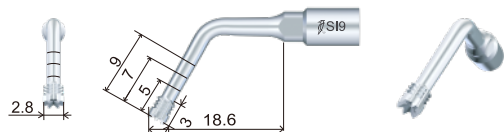
## Implantation

Model

Unit: mm

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SI9



29

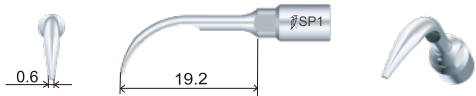
## Periodontal surgery

Model

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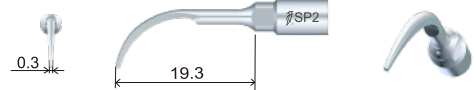
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SP1



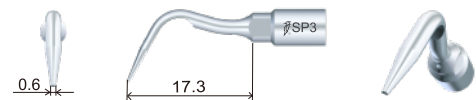
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SP2



30

SP3



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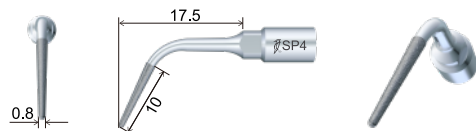
## Periodontal surgery

Model

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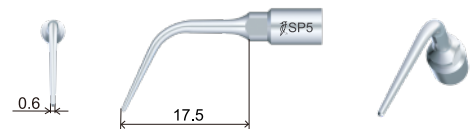
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SP4



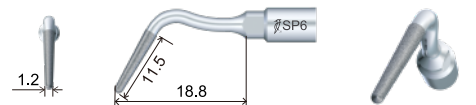
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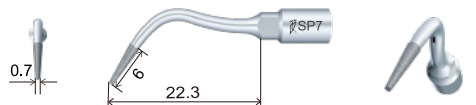
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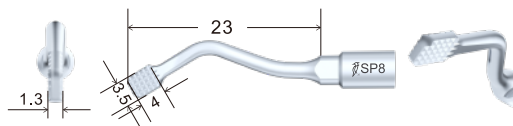
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SP7



33

SP8



33



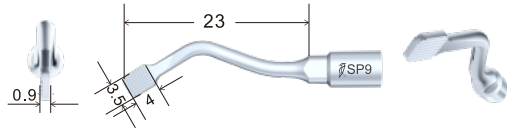
**Periodontal surgery**

Model

Unit: mm

Page

SP9

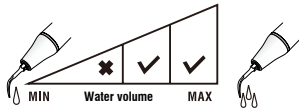


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**SPOILING YOU  
SO MUCH!**



# Ultrasonography Tips



## Water volume:

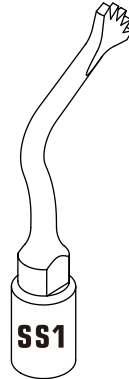
The first grid indicates the water volume: 0-30%

The second grid indicates the water volume: 30%-60%

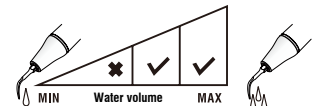
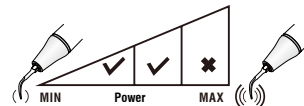
The third grid indicates the water volume: 60%-100%

## SS1

Efficient osteotomy for larger bone sections in maxillofacial surgery and also for incisional extraction of wisdom teeth.

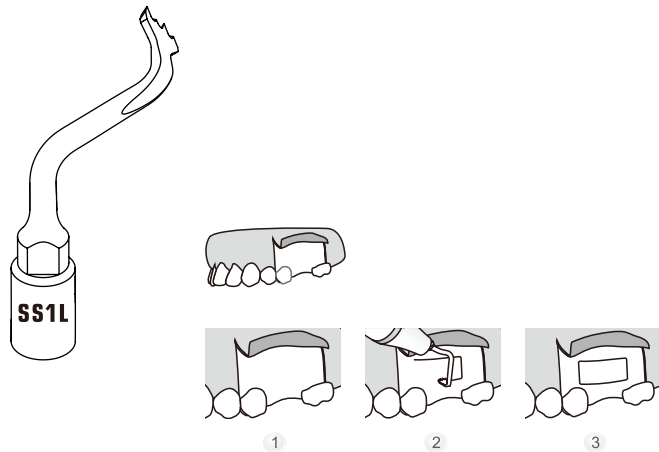


## Model: Bone



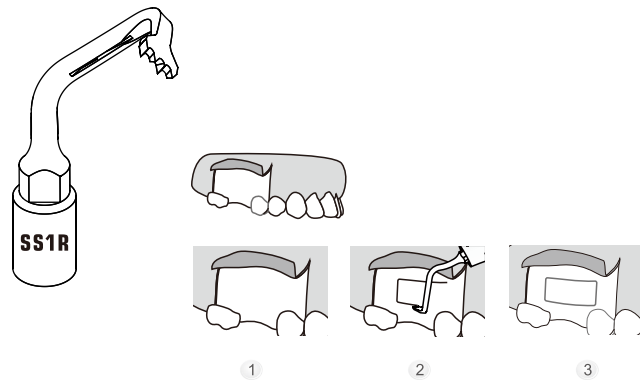
# SS1L

Left angle 90°, osteotomy on the maxilla and mandible.

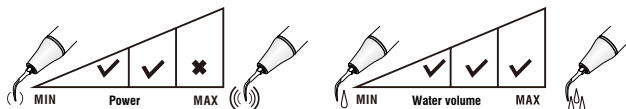


# SS1R

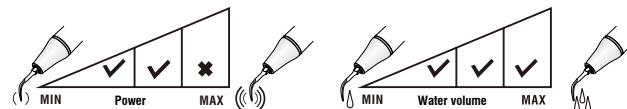
Right angle 90°, osteotomy on the maxilla and mandible.



## Model: Bone

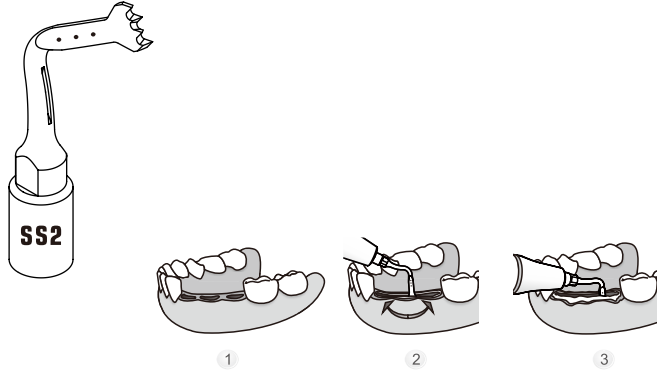


## Model: Bone



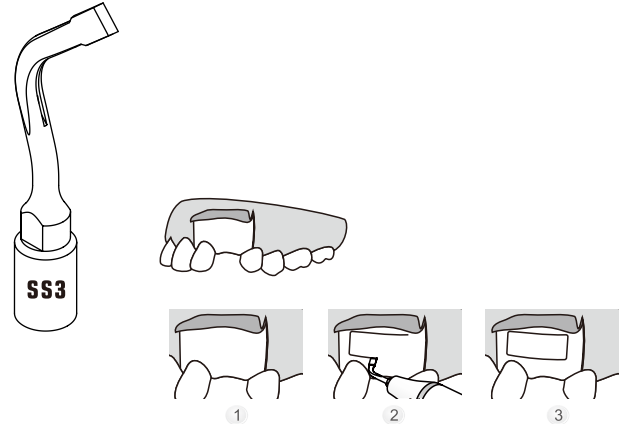
# SS2

High-effectiveness osteotomy on the maxilla and mandible (ridge expansion, corticotomy, bone grafting).



# SS3

Osteotomy: Osteotomy of high precision in anatomically thin structures.



## Model: Bone

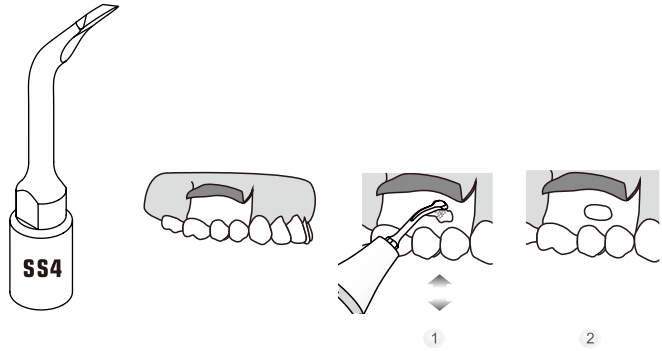


## Model: Bone



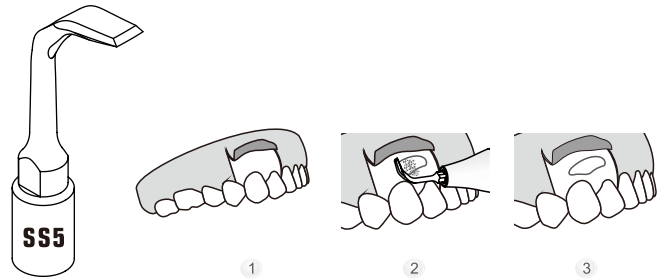
# SS4

Universal osteoplasty: periodontal osteotomy, harvesting of bone particles or chips, inflammatory tissue removal.



# SS5

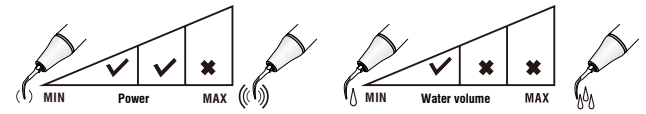
High-efficiency osteoplasty: for bone remodeling or harvesting of bone particles or chips.



## Model: Bone

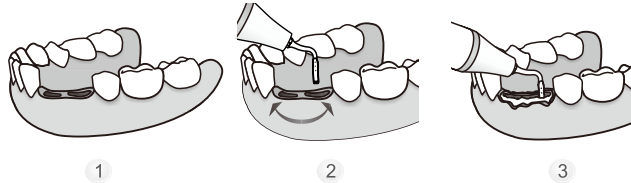
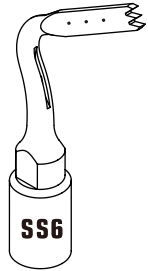


## Model: Bone

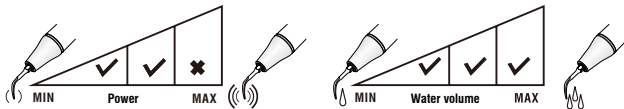


# SS6

Osteotomy: Osteotomy of high precision in anatomically thin structures (ridge expansion, corticotomy).

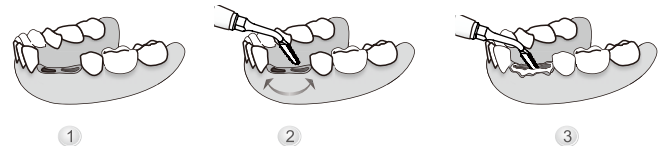
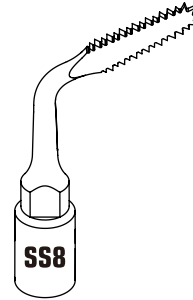


## Model: Bone



# SS8

Multi-faceted distribution of blade teeth, suitable for various osteotomies.

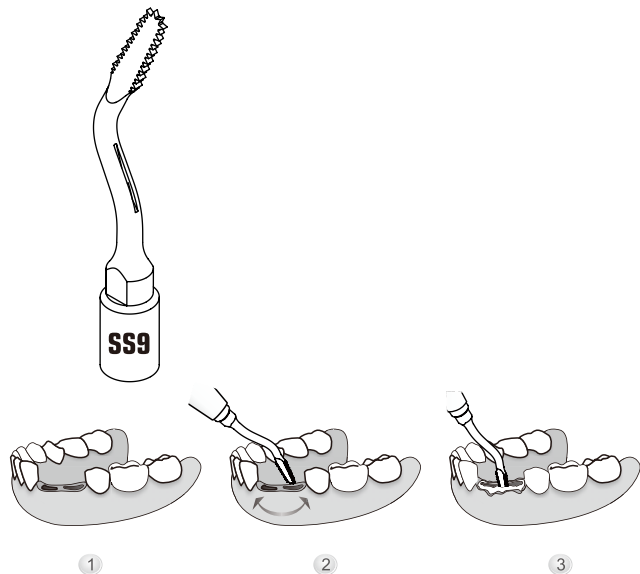


## Model: Bone



# SS9

Multi-faceted distribution of blade teeth, suitable for various osteotomies.

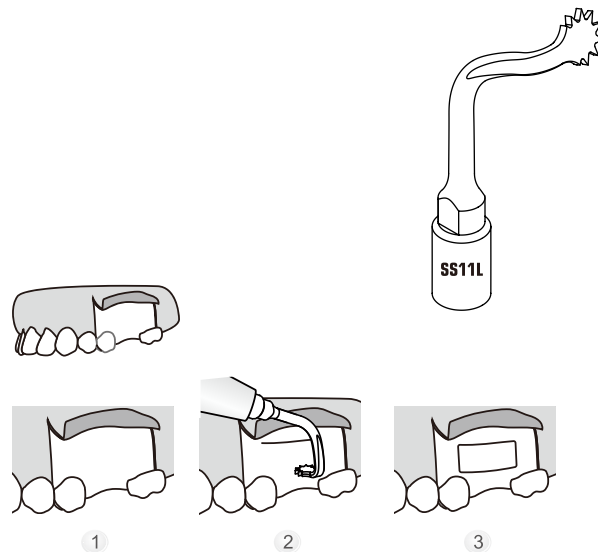


## Model: Bone

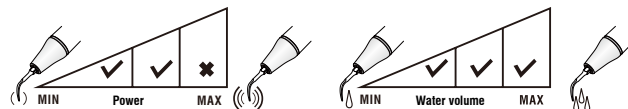


# SS11L

Left angle 90°, circumferential teeth, for osteotomy in special bone positions.



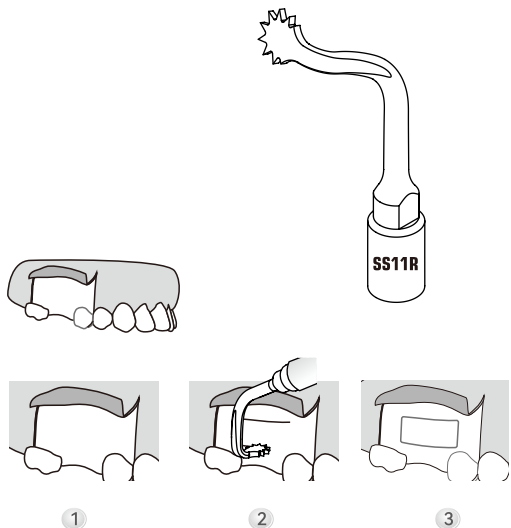
## Model: Bone



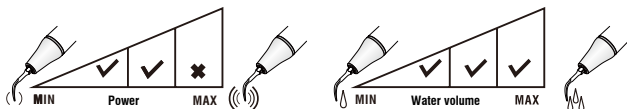


# SS11R

Right angle 90°, circumferential teeth, for osteotomy in special bone positions.

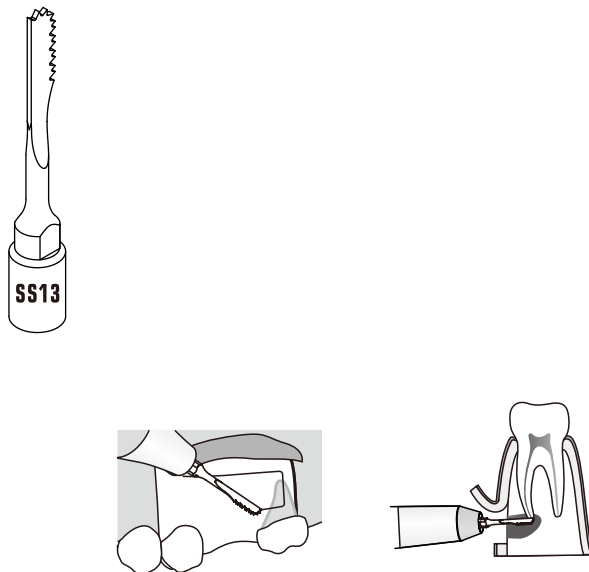


**Model: Bone**



# SS13

For osteotomy and also for apex resection in the posterior tooth area in apical surgery.

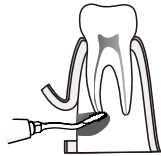
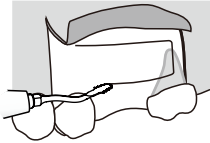


**Model: Bone**

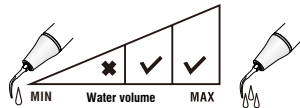
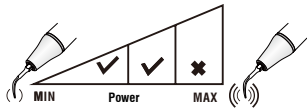


# SS18

Extremely thin, for efficient osteotomy and also for apex resection.

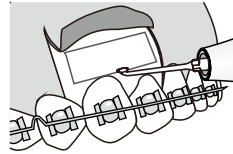
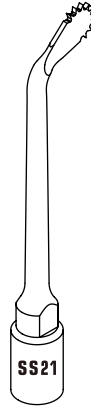


## Model: Bone

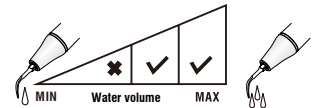
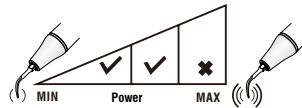


# SS21

For osteotomy. Fan-shaped serration, convenient for multi-angle cutting.

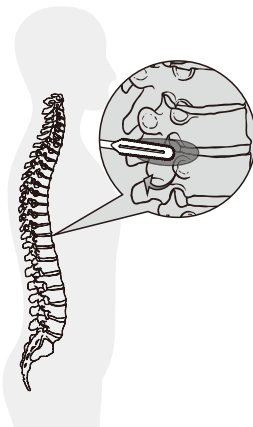


## Model: Bone

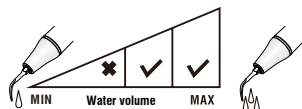
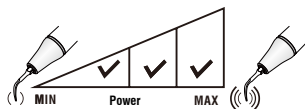


# SS25

For bone surgery.



## Model: Bone

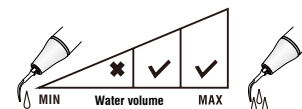
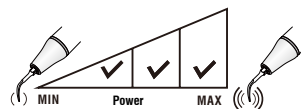


# SS30

Extremely thin, for cutting trajectory positioning and bone cutting in bone splitting technique.

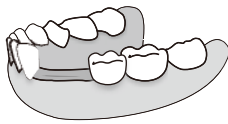
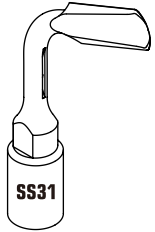


## Model: Bone



# SS31

Recutting on the bone cutting track in bone splitting technique, used after SS30.

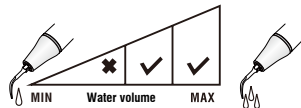
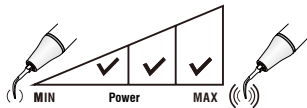


1



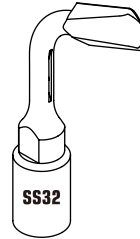
2

## Model: Bone



# SS32

For bone expansion in bone splitting technique. Conical sharp tip head, 1.8mm thickness at the front 8mm part.

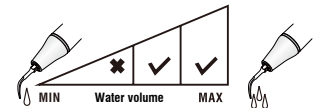
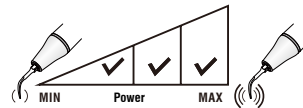


1



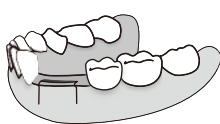
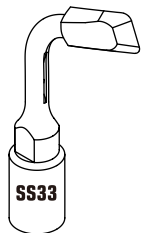
2

## Model: Bone



## SS33

For bone expansion in bone splitting technique. Conical sharp tip head, 2.75 thickness at the front 8mm part.

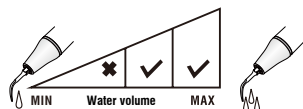
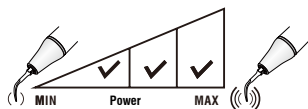


1



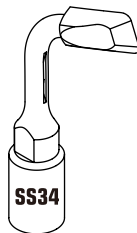
2

### Model: Bone



## SS34

For bone expansion in bone splitting technique. Conical sharp tip head, 3.75 thickness at the front 8mm part.

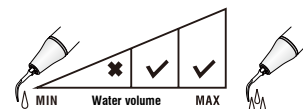
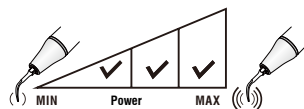


1



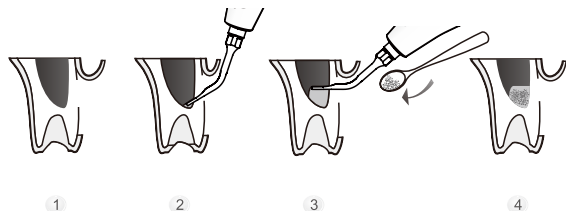
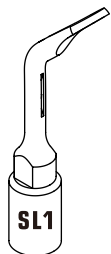
2

### Model: Bone

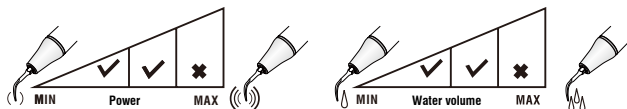


# SL1

Tip angle 120°. For maxillary sinus membrane detachment and elevation without damaging the maxillary sinus mucosa.

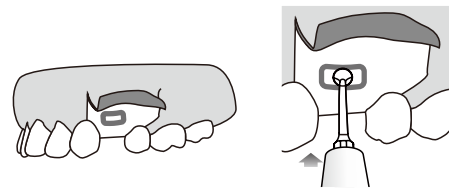
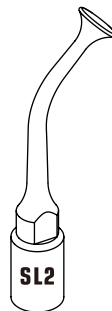


## Model: Perio



# SL2

For nasal mucosa separation: detachment of the maxillary sinus mucosa.

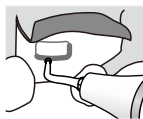
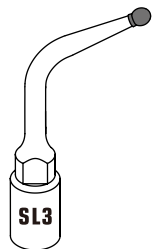


## Model: Perio

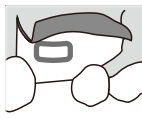


## SL3

Diamond-coated (100µm) tip for fine osteotomy or osteoplasty: for non-traumatic osteotomy close to soft tissue and sensitive areas.

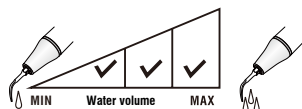
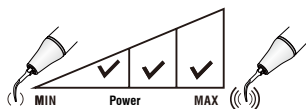


1



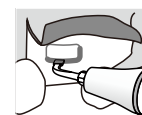
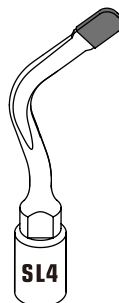
2

### Model: Bone



## SL4

Diamond-coated (100µm) tip for fine osteotomy: for cutting of extremely-thin bone, to avoid soft tissue damage (nasal mucosa, vessel, alveolar nerve).

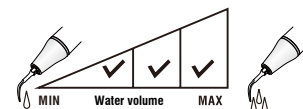
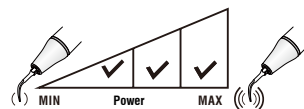


1



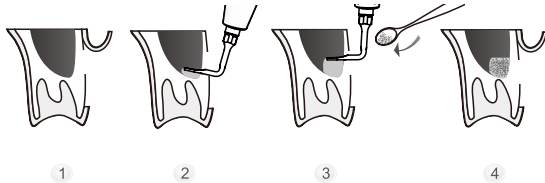
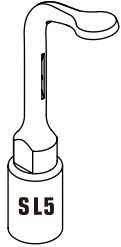
2

### Model: Bone

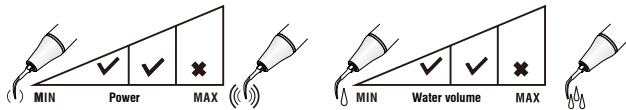


## SL5

Tip angle 95°. For maxillary sinus membrane detachment and elevation without damaging the maxillary sinus mucosa.

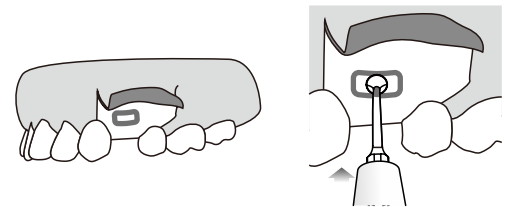
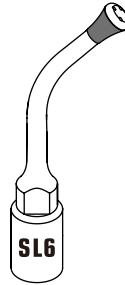


### Model: Perio

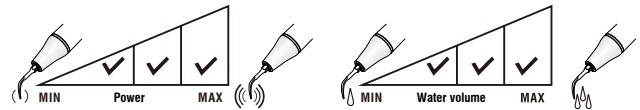


## SL6

Φ3mm head with four water outlets, for better separation of the maxillary sinus periosteum. The diamond-coated portion allows for trimming of the edges of the bone window.



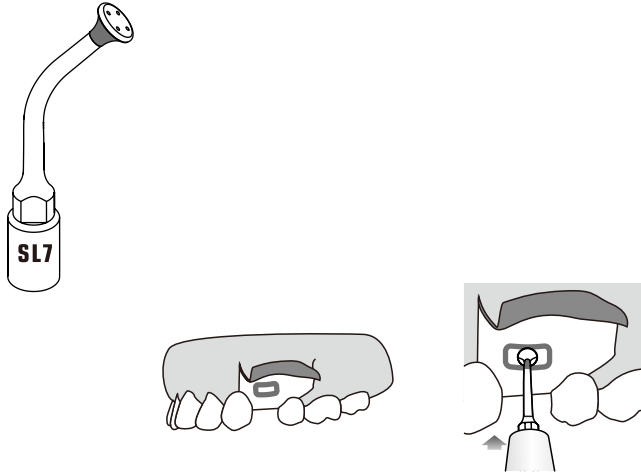
### Model: Perio



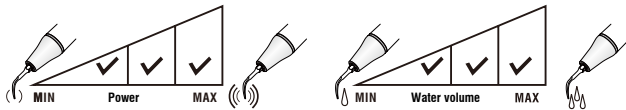


## SL7

Φ4.5mm head with four water outlets, for better separation of the maxillary sinus periosteum. The diamond-coated portion allows for trimming of the edges of the bone window.

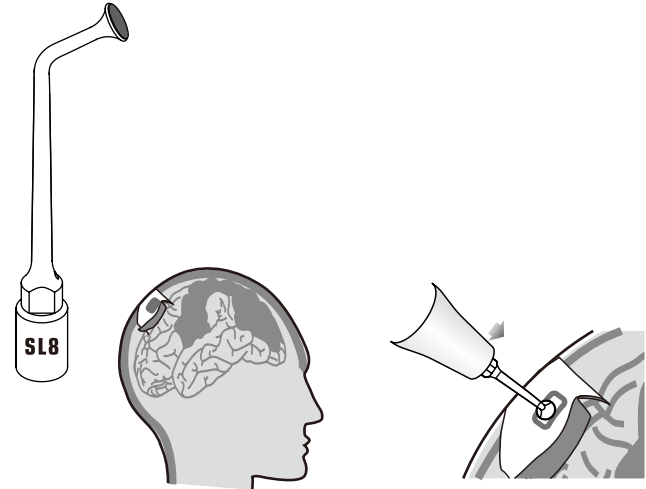


### Model: Perio

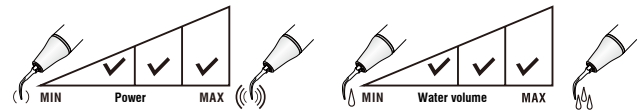


## SL8

Diamond-coated (100µm) tip for fine osteotomy or osteoplasty: for non-traumatic osteotomy close to soft tissue and sensitive areas.

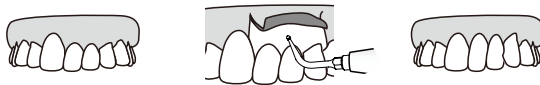
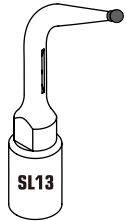


### Model: Perio



# SL13

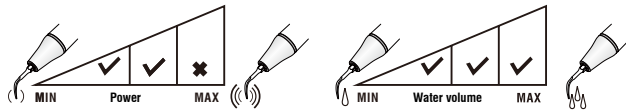
Diamond-coated, for osteoplasty and bone trimming in the interproximal area, often used in crown lengthening.



1

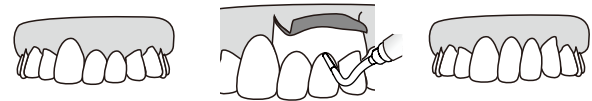
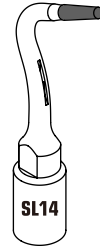
2

## Model: Bone



# SL14

Diamond-coated, for osteoplasty and bone trimming in the interproximal area, often used in crown lengthening.



1

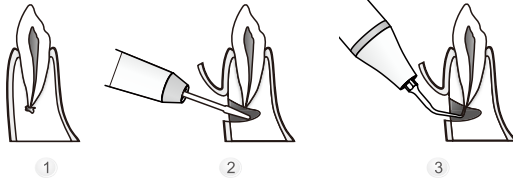
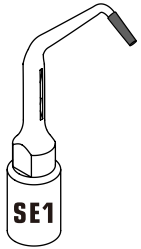
2

## Model: Bone



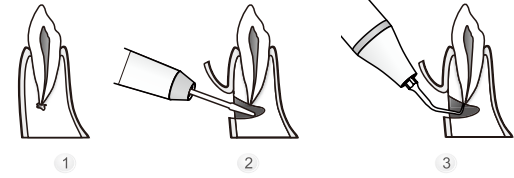
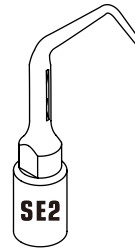
# SE1

Diamond-coated (40µm) tip for apical debridement: for high-efficiency root-end preparation and apical surgery. Diamond-coated part is 3.3mm in length.

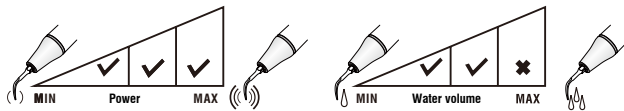


# SE2

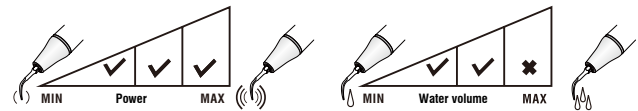
Polishing the canal wall in apical debridement. The tip smooth part is 4.5 mm in length.



## Model: Endo

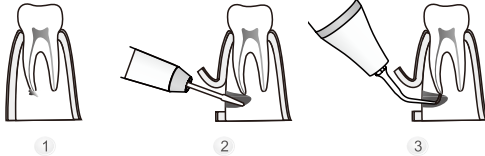
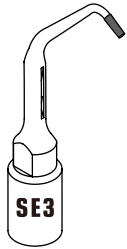


## Model: Endo

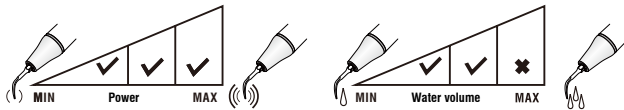


## SE3

Diamond-coated (40µm) tip for apical debridement: for high-efficiency root-end preparation and apical surgery. Diamond-coated part is 2.2mm in length.

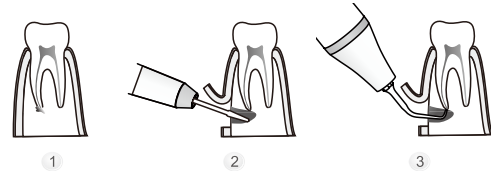
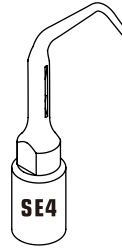


Model: Endo



## SE4

Polishing the canal wall in apical debridement. The tip smooth part is 3.5 mm in length.

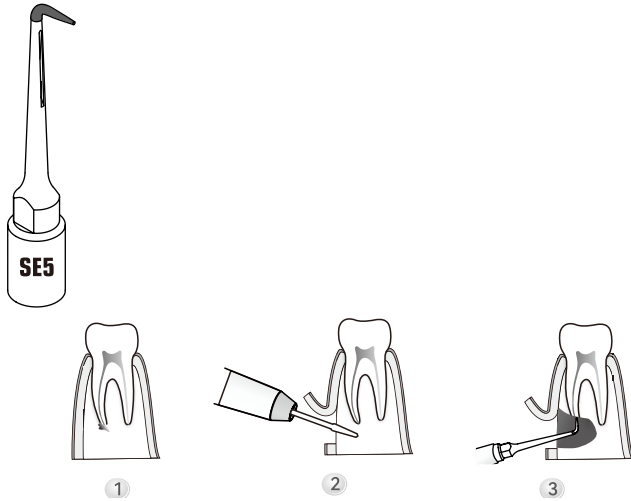


Model: Endo



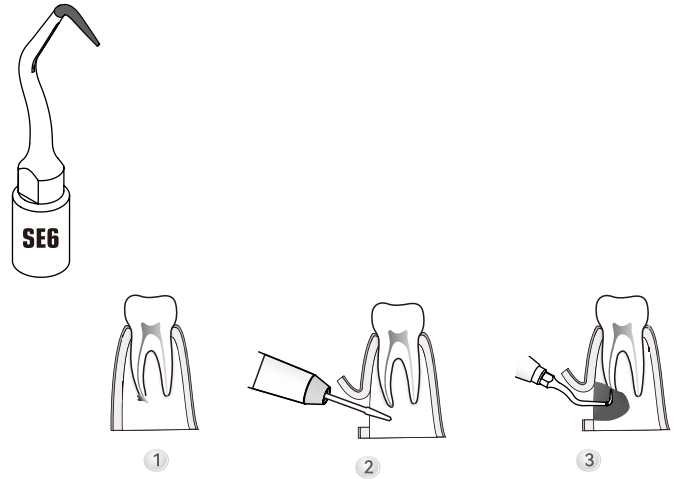
# SE5

Diamond-coated, for root-end preparation.

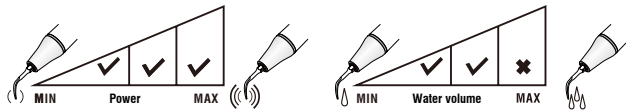


# SE6

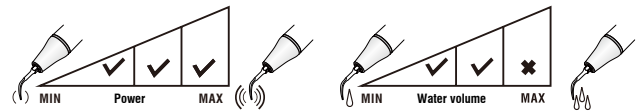
Diamond-coated, for root-end preparation.



## Model: Endo



## Model: Endo



# SE7

Diamond-coated, for root-end preparation.



1



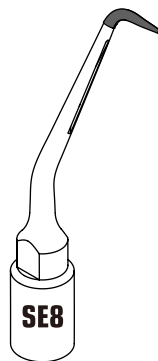
2



3

# SE8

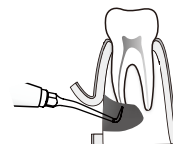
Diamond-coated, for root-end preparation.



1

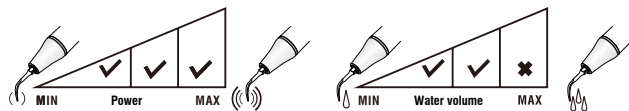


2

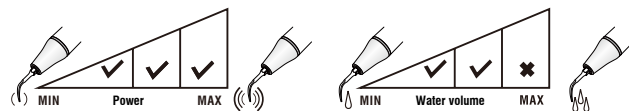


3

## Model: Endo

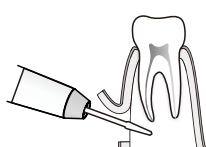
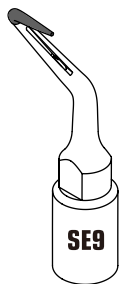


## Model: Endo



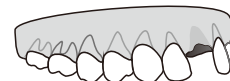
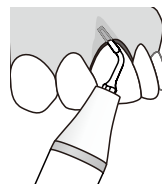
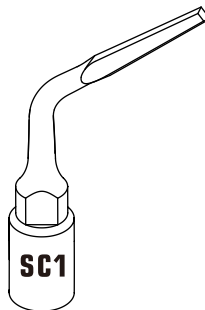
# SE9

Right-angled and diamond-coated tip, for root-end preparation.

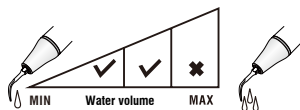
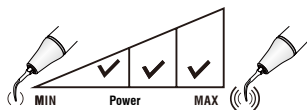


# SC1

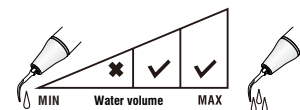
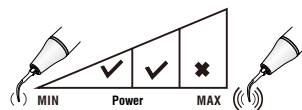
For minimally invasive removal of ligaments and root surgery.



## Model: Endo

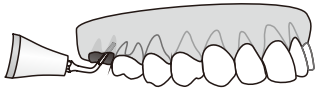


## Model: Bone



## SC2

Left-curved, for minimally invasive removal of ligaments and root surgery in posterior regions.

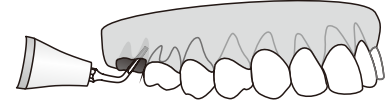
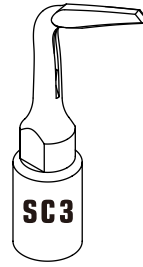


### Model: Bone



## SC3

Right-curved, for minimally invasive removal of ligaments and root surgery in posterior regions.



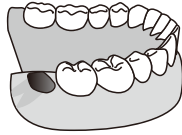
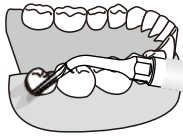
### Model: Bone



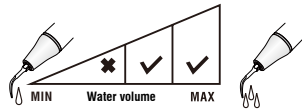
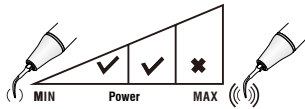


# SC4

For distal ligament cutting, minimally invasive extraction.

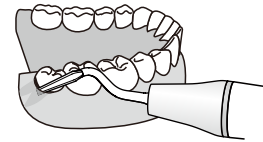


## Model: Bone

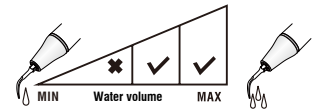
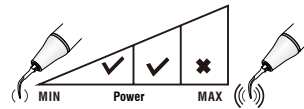


# SC5

For minimally invasive cutting of ligaments and gap increase in tooth extraction, especially suitable for the extraction of wisdom teeth with an oblique angle.

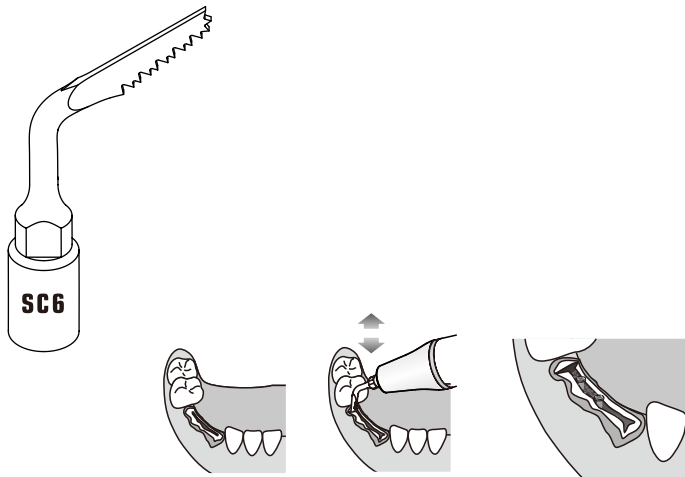


## Model: Bone



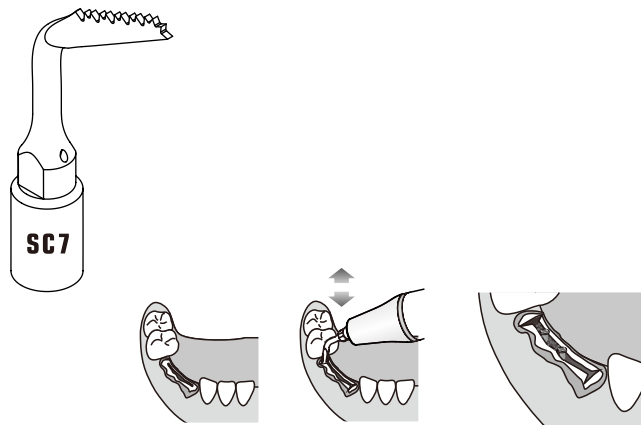
# SC6

For tooth extraction and alveolar bone splitting.



# SC7

For tooth extraction and alveolar bone splitting.



## Model: Bone

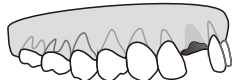
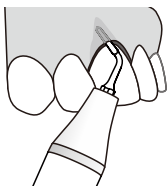
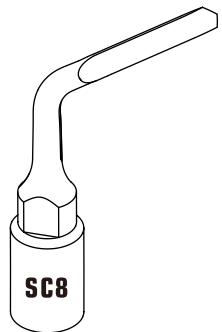


## Model: Bone



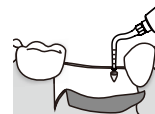
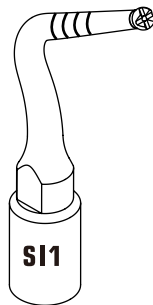
# SC8

For minimally invasive cutting of ligaments and gap increase in tooth extraction, with a very sharp and pointed tip extremity.



# SI1

For implant preparation, with  $\Phi 1.6\text{mm}$  head and 9mm tip working length.



1

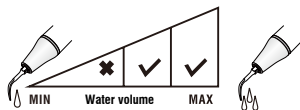
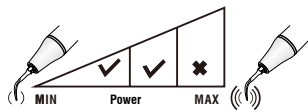


2

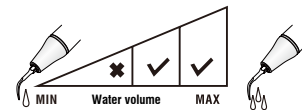
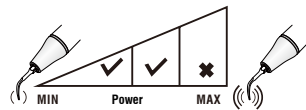


3

## Model: Bone

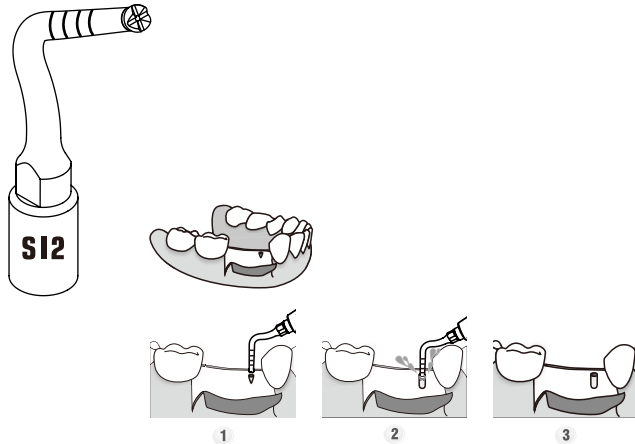


## Model: Bone

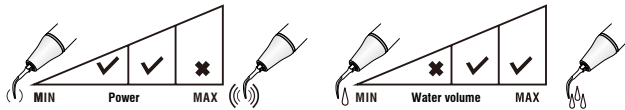


# SI2

For implant preparation, with  $\Phi 2\text{mm}$  head. There is water out from the tip center to avoid overheating.

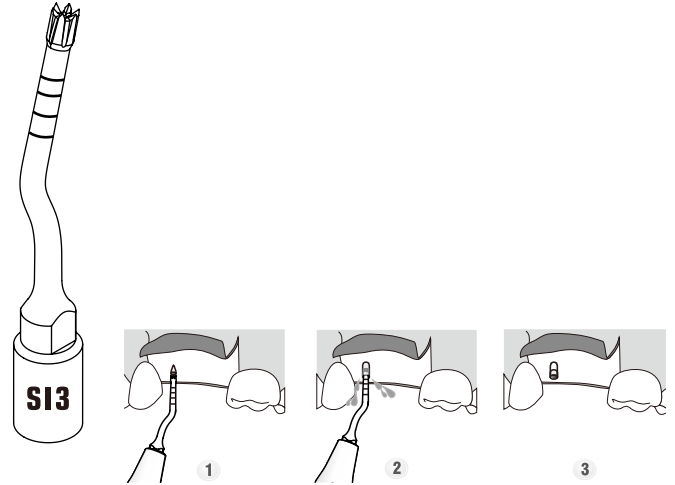


## Model: Bone



# SI3

$\Phi 2\text{mm}$  implant preparation tip used in the anterior regions, with sharp tip extremity and water out from the center.

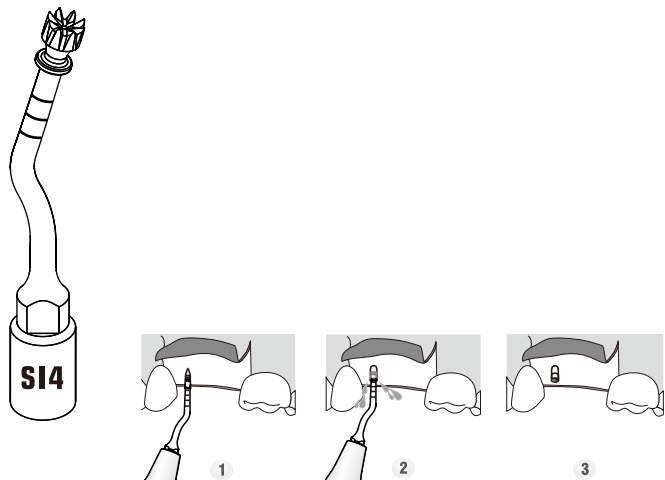


## Model: Bone



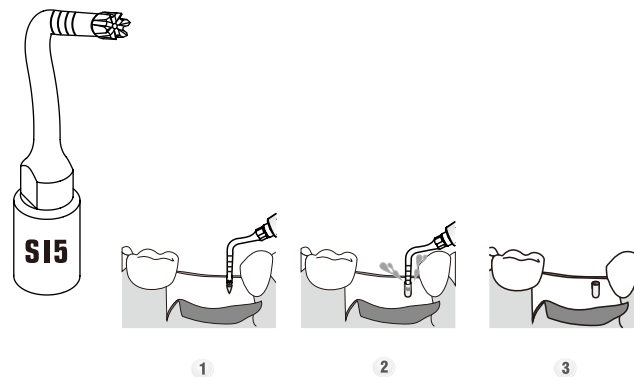
# SI4

Φ3mm implant preparation tip used in the anterior regions, with sharp tip extremity and water out from the center.



# SI5

Φ2mm implant preparation tip used in the posterior regions, with sharp tip extremity and water out from the center.



## Model: Bone

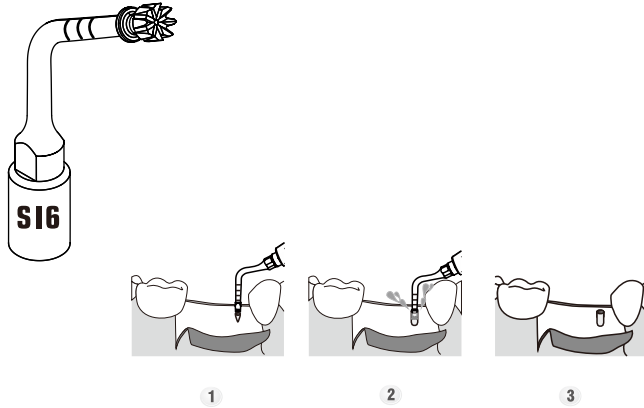


## Model: Bone



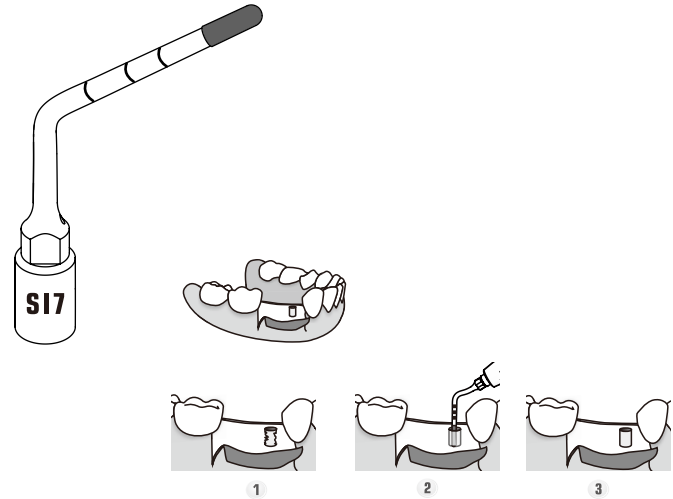
# SI6

Φ3mm implant preparation tip used in the posterior regions, with sharp tip extremity and water out from the center.

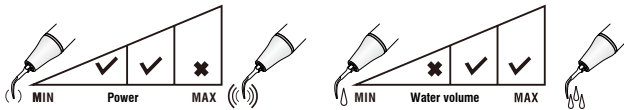


# SI7

Diamond-coated (85µm), for finalizing implant site bone preparation close to the alveolar nerve.



## Model: Bone

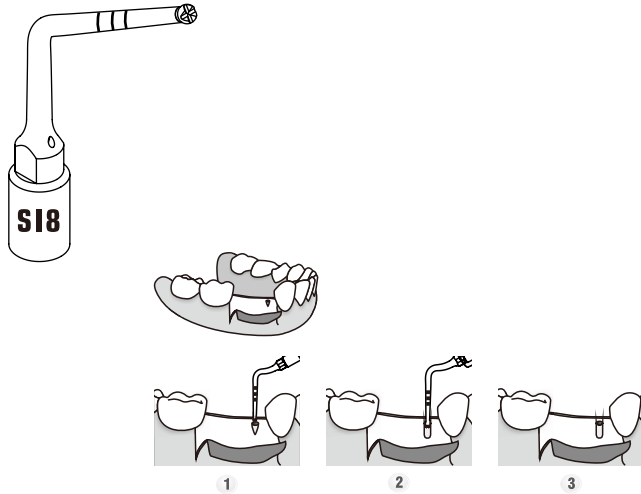


## Model: Bone



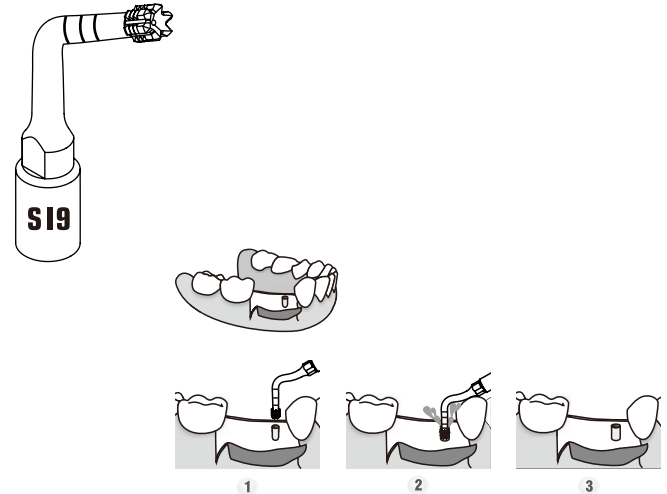
# S18

For implant preparation, with  $\Phi 1.6\text{mm}$  head and 9mm tip working length.



# S19

For implant preparation, with  $\Phi 2.8\text{mm}$  head. There is water out from the tip center to avoid overheating.



## Model: Bone

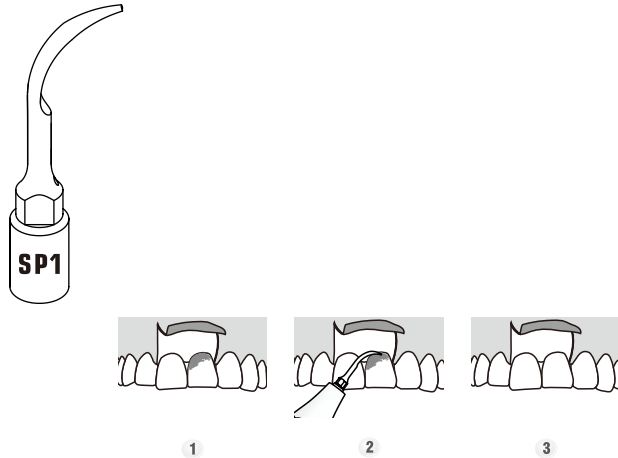


## Model: Bone



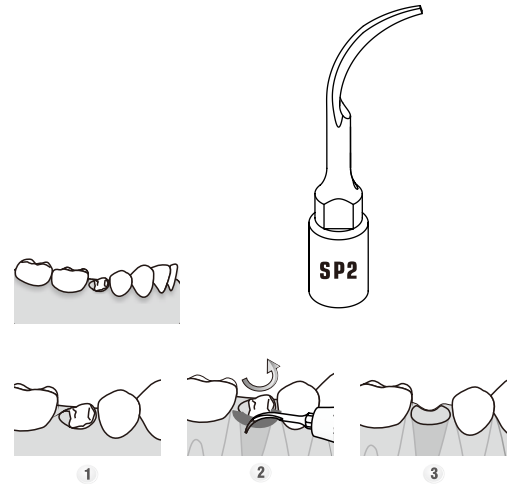
# SP1

For gentle scaling in periodontal surgery.

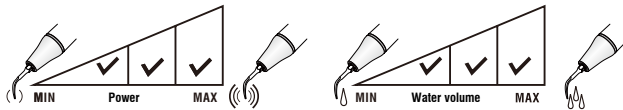


# SP2

For fractured root apex extraction and inflammatory tissue removal.



## Model: Perio



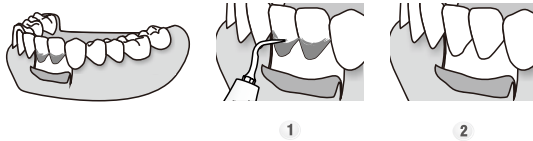
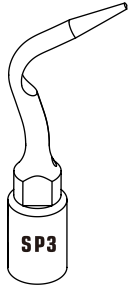
## Model: Perio





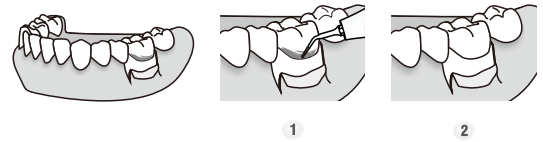
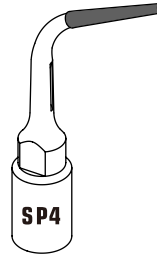
# SP3

For multi-angled gentle scaling in periodontal surgery.

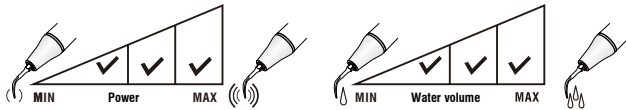


# SP4

Diamond-coated (40µm), for apical debridement and root planning.



## Model: Perio

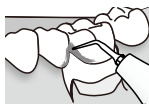
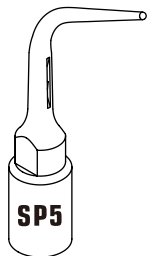


## Model: Perio



# SP5

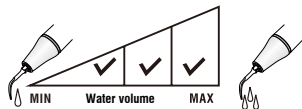
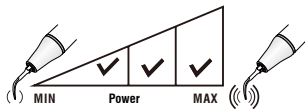
For fine root planning.



1

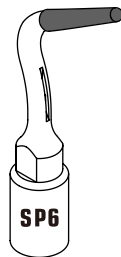
2

## Model: Perio



# SP6

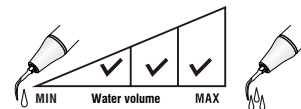
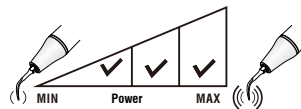
Diamond-coated (40µm) tip for fine osteoplasty: interproximal osteoplasty and root planning.



1

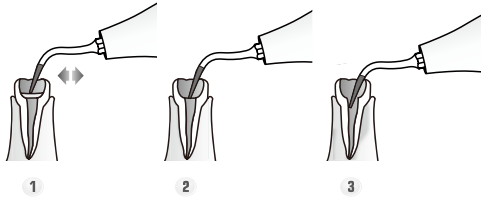
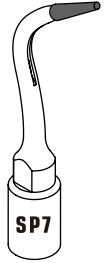
2

## Model: Perio



# SP7

Diamond-coated (40µm), for root canal locating and removal of calcifications in the coronal 1/3 part of root canal, and can also be used for fine osteoplasty.

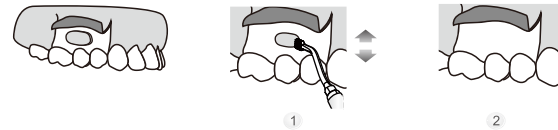


## Model: Perio

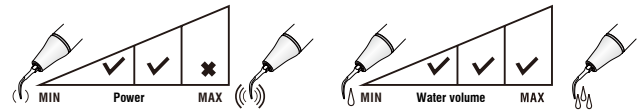


# SP8

Coarse mesh-shaped concave-convex surfaces on both sides of the head, for osteoplasty and bone trimming.

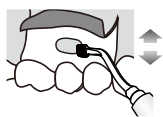


## Model: Perio

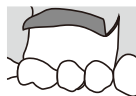


# SP9

Coarse mesh-shaped concave-convex surfaces on both sides of the head, for osteoplasty and bone trimming.

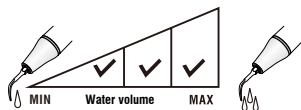
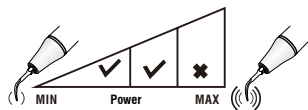


1



2

## Model: Perio





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