

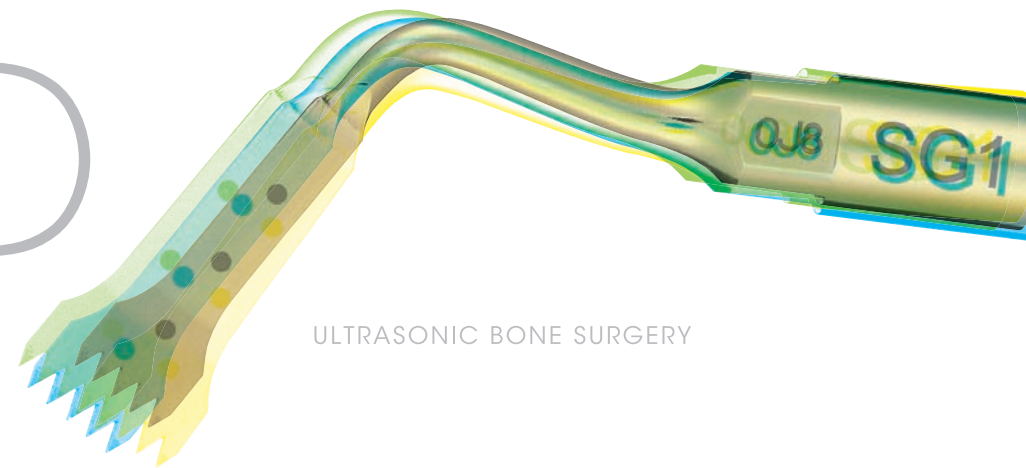


CREATE IT.

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R0000039 001 15.02.01.TS

TIP



ULTRASONIC BONE SURGERY

GUIDE

SURG

- BONE SURGERY P05-P12
- SCRAPER P13-P14
- EXTRACTION P15-P16
- SOCKET LIFT (CRESTAL APPROACH) P17-P20
- IMPLANT PREPARATION P21-P24
- SOCKET LIFT (CRESTAL APPROACH) P25-P26*
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- SINUS MEMBRANE DETACHMENT P28

PERIO

- SCALING P29-P31
- PERIO P32
- PERIO-CONTROL P33-P34

ENDO

- ENDODONTICS P35-P36
- TIP KIT P37-P40

*Pictures provided by Yasuhiro Kizu, D.D.S., Ph.D.
OMFC (ORAL & MAXILLOFACIAL CARE CLINIC YOKOHAMA)

VARIOSURG TIP LINEUP













ULTRASONIC TIPS

NSK offers a range of over 50 tips optimised for the three modes of the VarioSurg Series.

- SURG** SURG mode for bone surgery
- PERIO** PERIO mode for maintenance
- ENDO** ENDO mode for root canal treatment



The tips are designed to preserve tissue, maintain cutting speed and easily cut into bone. Saw like teeth on an uneven blade edge enhances bone cutting. This also reduces clogging to maintain cutting speed.

BONE SURGERY	SCRAPER	EXTRACTION	SOCKET LIFT (CRESTAL APPROACH)
			
IMPLANT PREPARATION	SINUS LIFT	SINUS MEMBRANE DETACHMENT	SCALING
			
PERIO	PERIO-CONTROL	ENDODONTICS	TIP KIT
			



Washable in the Thermoisinfectant



Autoclavable up to 135°C



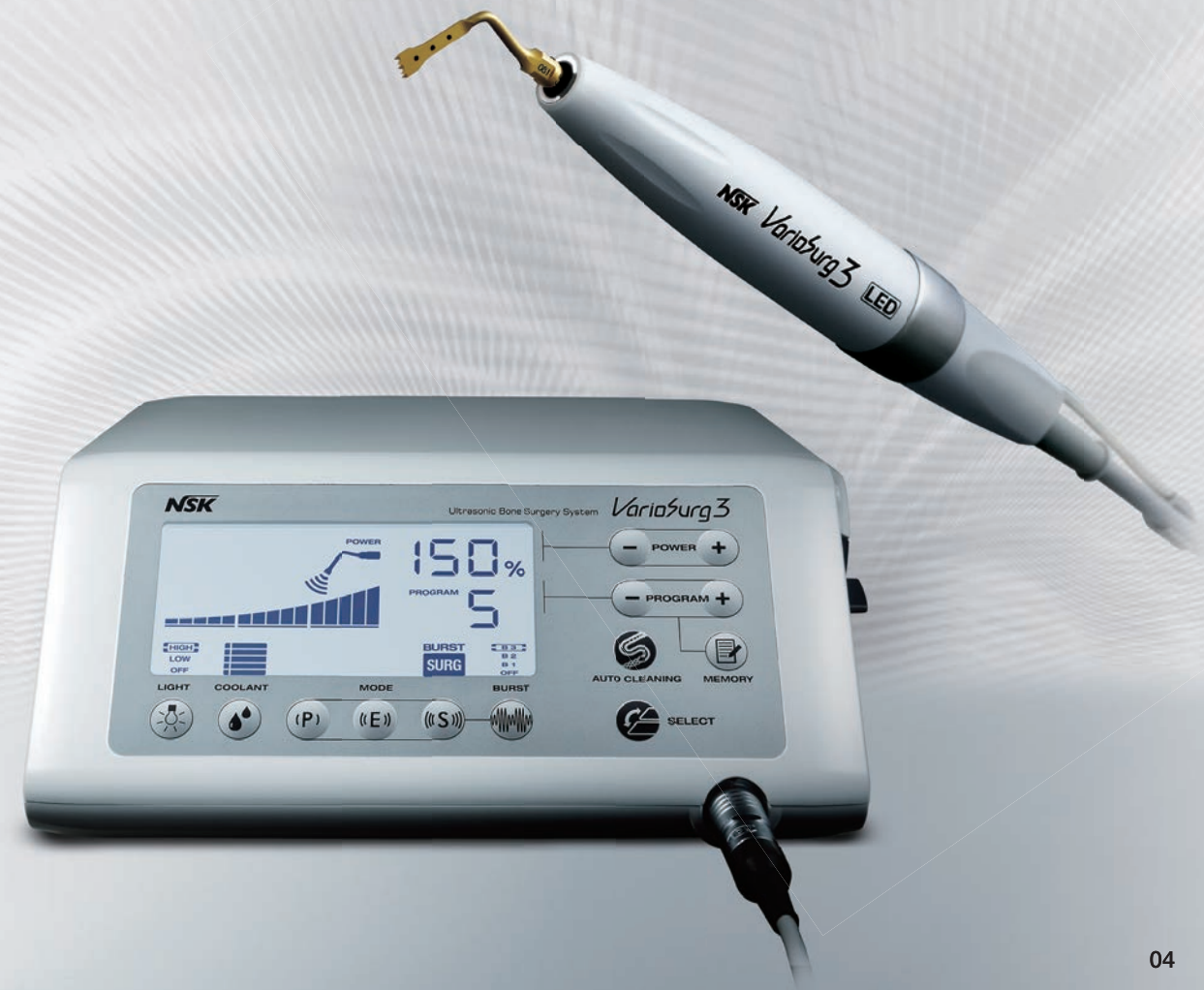
Tips that correspond to high power can be used up to 150% power setting.

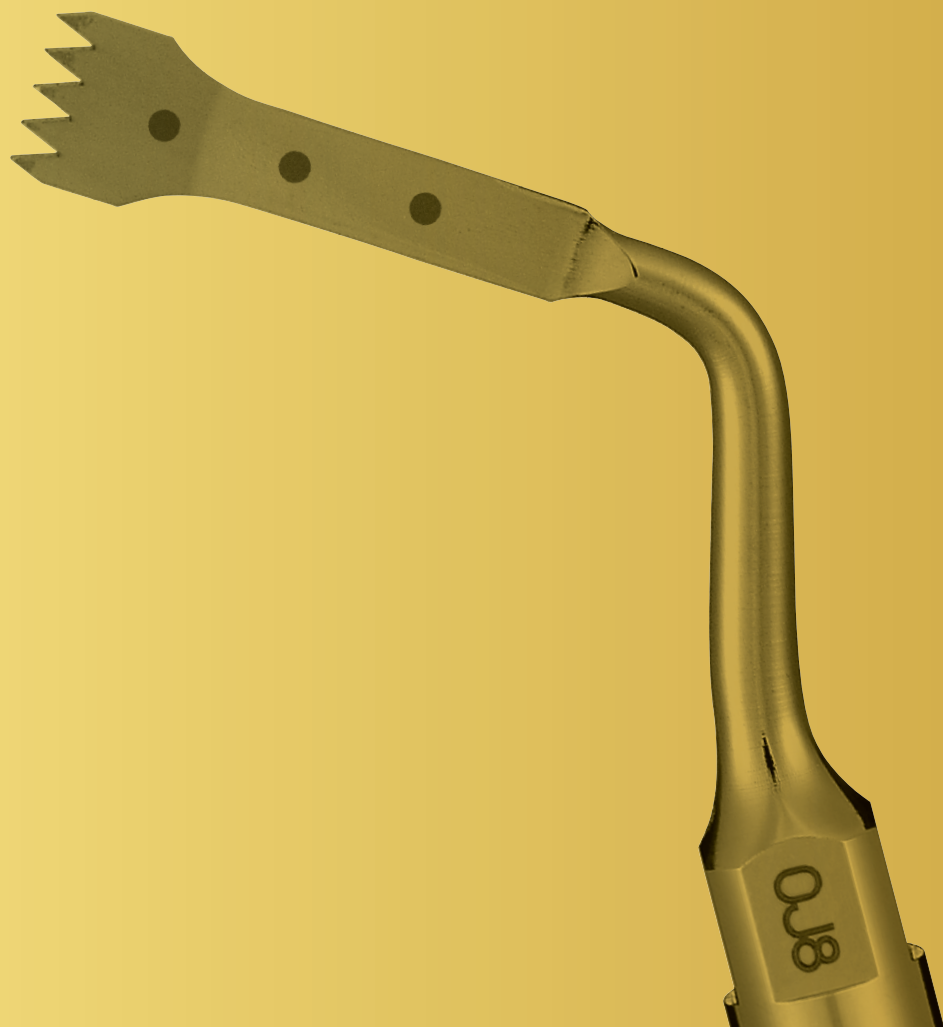
VarioSurg3

EVOLVED POTENTIAL

Embodying the Pursuit of Perfection

Ultrasonic bone surgery systems are essential in modern surgical and implant treatment. The powerful VarioSurg3 handpiece features a slim and lightweight body that ensures minimal hand fatigue and outstanding visibility. A variety of tips makes procedures easier and stress-free to help provide more precise and efficient treatment.

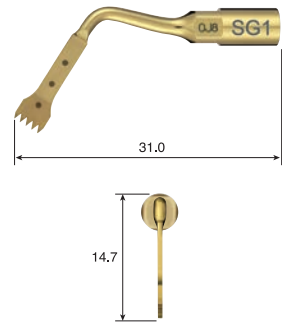




BONE SURGERY

For chin bone harvests, notably for the mental foramen and mandibular ramus. For general bone surgery.

MODEL **SG1** POWER LEVEL **SURG** 80%

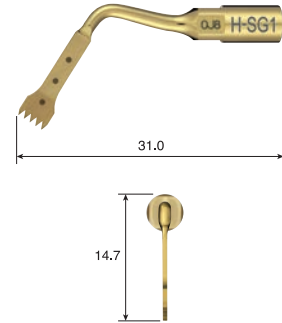


ORDER CODE
Z305101

- TiN coating • Dots mark 3, 6 and 9 mm from tip end
- Five teeth ; 0,6 mm thick

MODEL **H-SG1** POWER LEVEL **SURG** 150%

HIGH POWER

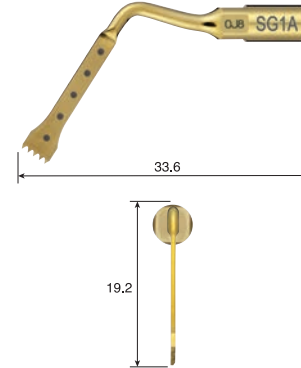


ORDER CODE
Z305151

- TiN coating • Dots mark 3, 6 and 9 mm from tip end
- Five teeth ; 0,6 mm thick

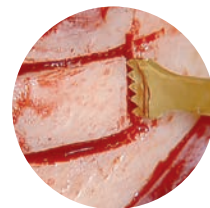
MODEL **SG1A** POWER LEVEL **SURG** 80%

For use in deeper regions requiring longer tips.



ORDER CODE
Z305138

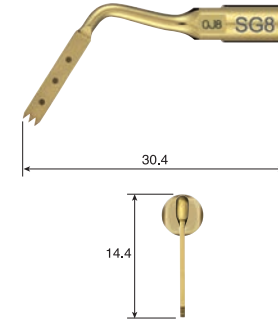
- TiN coating • Dots mark 3, 6, 9,12 and 15 mm from tip end
- Five teeth ; 0,6 mm thick



Unilateral anterior mandibular sampling
SG1, H-SG1, SG1A

For clinical cases that restrict movement distances around the tip.

MODEL **SG8** POWER LEVEL **SURG** 80%

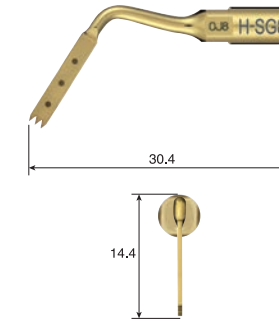


ORDER CODE
Z305109

- TiN coating • Dots mark 3, 6 and 9 mm from tip end
- Three teeth ; 0,6 mm thick

MODEL **H-SG8** POWER LEVEL **SURG** 150%

HIGH POWER

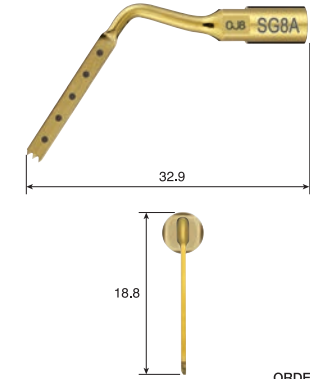


ORDER CODE
Z305155

- TiN coating • Dots mark 3, 6 and 9 mm from tip end
- Three teeth ; 0,6 mm thick

MODEL **SG8A** POWER LEVEL **SURG** 80%

For use in deeper regions requiring longer tips.

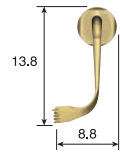
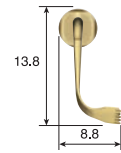
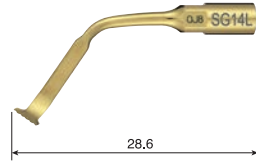
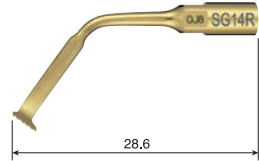


ORDER CODE
Z305139

- TiN coating • Dots mark 3, 6, 9, 12 and 15 mm from tip end
- Three teeth ; 0,6 mm thick

MODEL **SG14R** POWER LEVEL **SURG** 80%

MODEL **SG14L** POWER LEVEL **SURG** 80%



ORDER CODE

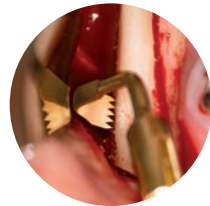
Z305122

ORDER CODE

Z305123

- TiN coating • 90 degree right curved tip*
- Five teeth ; 0,6 mm thick

- TiN coating • 90 degree left curved tip*
- Five teeth ; 0,6 mm thick



Anterior mandibular harvesting
SG14R, SG14L

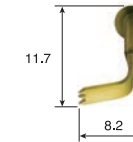
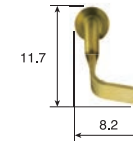
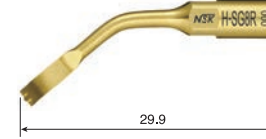
* The direction of the tip's curve is defined by the tip's anterior view.

MODEL **H-SG8R** POWER LEVEL **SURG** 150%

MODEL **H-SG8L** POWER LEVEL **SURG** 150%

HIGH POWER

HIGH POWER



ORDER CODE

Z305156

ORDER CODE

Z305157

- TiN coating • 90 degree right curved tip*
- Three teeth ; 0,6 mm thick

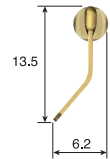
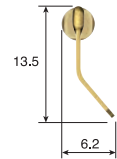
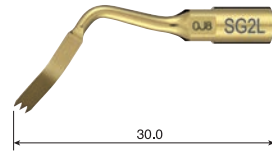
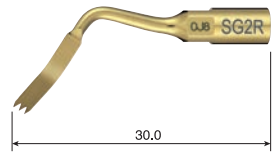
- TiN coating • 90 degree left curved tip*
- Three teeth ; 0,6 mm thick

* The direction of the tip's curve is defined by the tip's anterior view.

For excisions in areas with inclines or projections or which are otherwise hard to access with SG1 and other regular tips.

MODEL **SG2R** POWER LEVEL **SURG** 80%

MODEL **SG2L** POWER LEVEL **SURG** 80%



ORDER CODE

Z305102

ORDER CODE

Z305103

- TiN coating • Right curved tip*
- Three teeth; 0.6 mm thick

- TiN coating • Left curved tip*
- Three teeth; 0.6 mm thick



Excision of bone torus
SG2R, SG2L

* The direction of the tip's curve is defined by the tip's anterior view.

For regions that are hard to access with regular tips, notably the posterior mandible or curved areas.

MODEL **SG19** POWER LEVEL **SURG** 80%

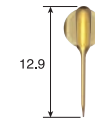
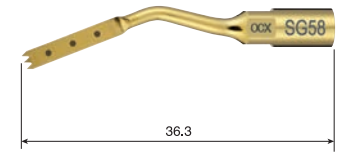
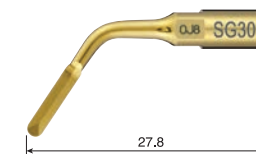
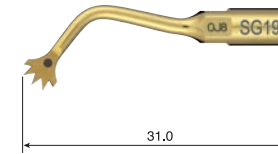
MODEL **SG30** POWER LEVEL **SURG** 50%

MODEL **SG58** POWER LEVEL **SURG** 80%

For cutting curved surfaces.

For narrow cutting to reduce bone loss. Also suitable for corticotomies.

For removing tori on the posterior mandible or mandibular lingual surface.



ORDER CODE

Z305135

ORDER CODE

Z305137

ORDER CODE

Z305141

- TiN coating • Dot mark 3 mm from tip end
- Five teeth; 0.8 mm thick

- TiN coating • Sharp edge • 0.5 mm thick

- TiN coating • Dots mark 3, 6 and 9 mm from tip end
- Three teeth; 0.6 mm thick



Mandibular harvesting
at approach stage
SG19



Alveolar crestal incision for
harvesting bone
(when narrowing bone cuts)
SG30



The cutting part
is bone torus
SG58

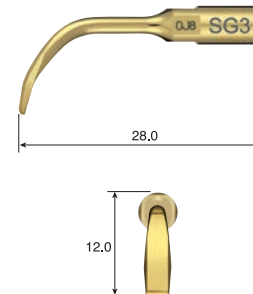
SCRAPER



For flattening the alveolar crest or harvesting bone fragments. **SCRAPER**

MODEL **SG3**

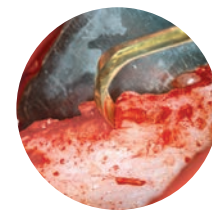
POWER LEVEL **SURG** 80%



ORDER CODE

Z305104

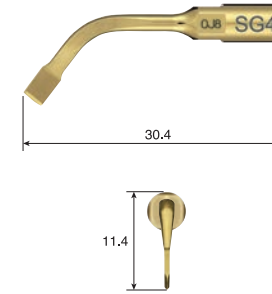
- TiN coating • Triple sided edge spatula tip
- Single-edged scraper



Alveolar crest flattening
SG3

MODEL **SG4**

POWER LEVEL **SURG** 80%



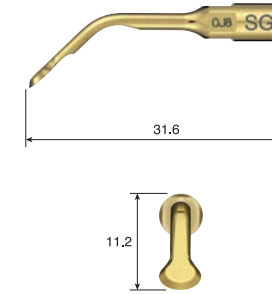
ORDER CODE

Z305105

- TiN coating • Edge spatula tip
- Double-edged scraper

MODEL **SG5**

POWER LEVEL **SURG** 80%



ORDER CODE

Z305106

- TiN coating • Rounded edge spatula tip
- Single-edged scraper



Osteoplasties
SG5

SCRAPER



EXTRACTION

Ruptures the periodontal ligament to streamline suture removal. Also effective in extracting ankylosed teeth. **EXTRACTION**

MODEL **SG17**

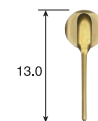
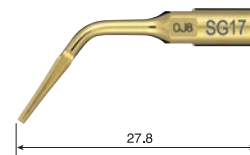
POWER LEVEL **SURG** 80%

MODEL **SG18R**

POWER LEVEL **SURG** 50%

MODEL **SG18L**

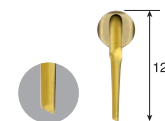
POWER LEVEL **SURG** 50%



ORDER CODE

Z305132

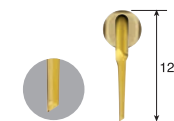
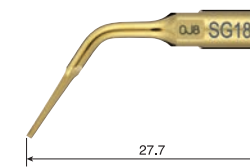
• TiN coating • 0.7 mm thick



ORDER CODE

Z305133

• TiN coating • Right angled tip* • 0.7 mm thick



ORDER CODE

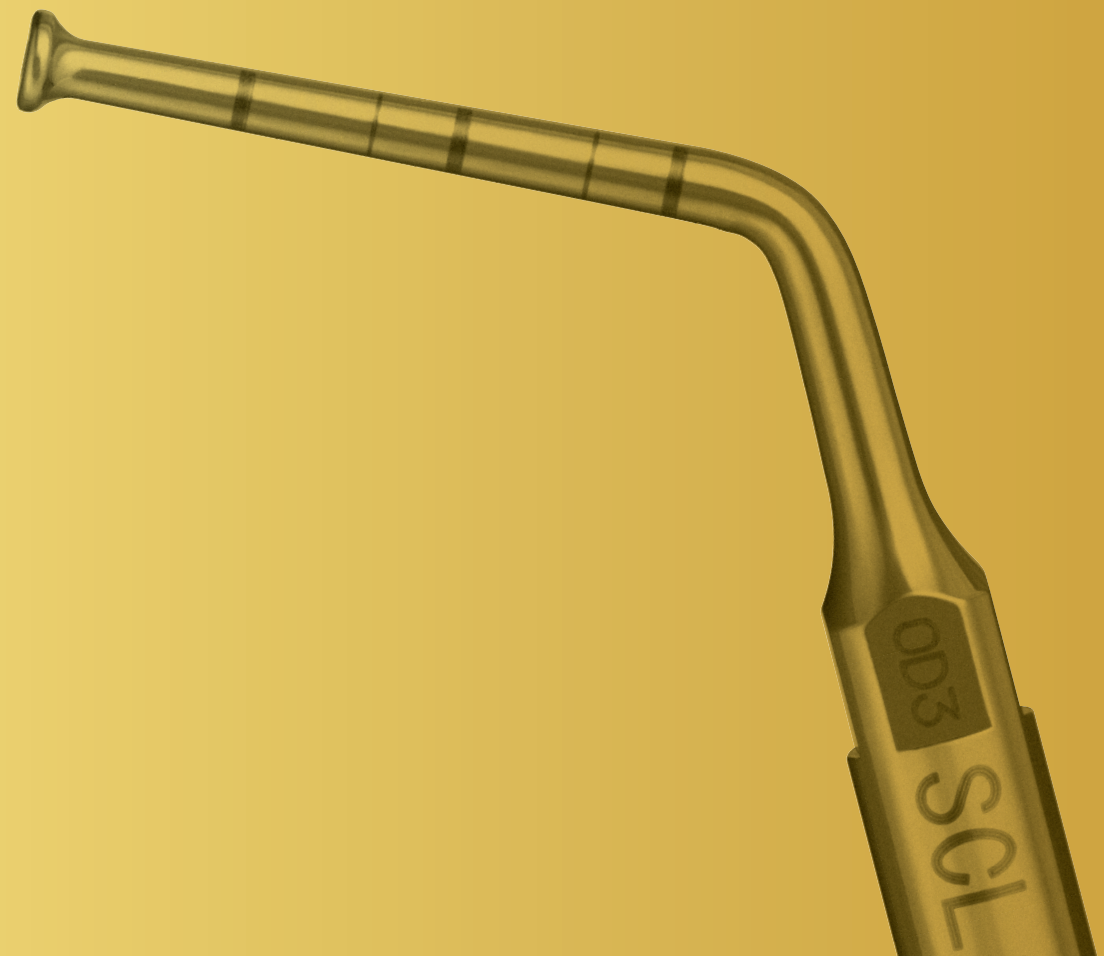
Z305134

• TiN coating • Left angled tip* • 0.7 mm thick



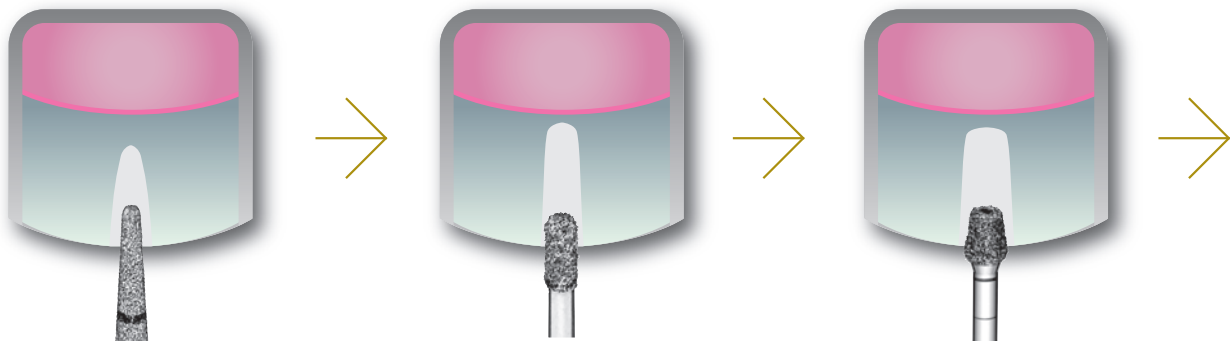
Extraction
SG17, SG18R, SG18L

* The direction of the tip's angle is defined by the tip's anterior view.



SOCKET LIFT
(CRESTAL APPROACH)

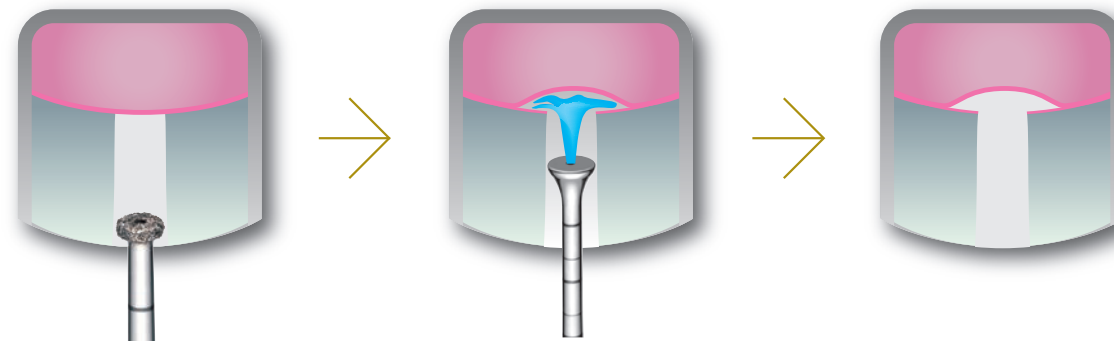
The socket lift tip enhances the safety of procedures, being less invasive and enabling sinus lifts with short chair times. Osteotomy with ultrasonic vibration reduces the risk of damage to the Schneiderian membrane. Eliminating hammering taps through the osteotome technique reduces patient discomfort and potential dizziness.



A starting point is added to trigger bone formation.

Bone formation to prepare implant site.

Implant site expansion and formation.



Maxillary sinus perforation and bone formation on alveolar ridge.

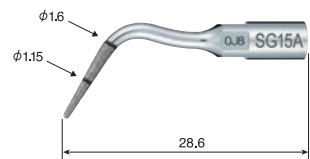
Reliably elevate the maxillary sinus membrane with internal irrigation.

Forms implant preparation site once maxillary sinus membrane is elevated.

IMPLANT PREPARATION

For preparation of implant sites, adding starting points, and other steps.

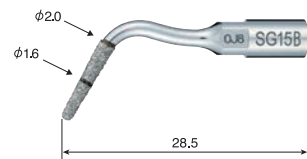
MODEL **SG15A** POWER LEVEL **SURG** 50%



ORDER CODE
Z305124

- Diamond coating • Tip-end diameter ; 0.7 mm
- Markings every 5 mm and 10 mm from tip end

MODEL **SG15B** POWER LEVEL **SURG** 50%



ORDER CODE
Z305125

- Diamond coating • Tip-end diameter ; 1.3 mm
- Markings every 5 mm and 10 mm from tip end

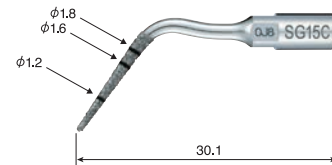


Implant preparation
SG15A, SG15B

For preparation of implant sites, flattening bone surfaces, and other steps.

IMPLANT PREPARATION

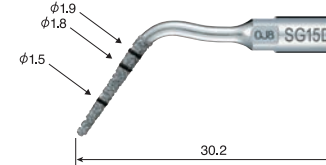
MODEL **SG15C** POWER LEVEL **SURG** 50%



ORDER CODE
Z305126

- Diamond coating • Tip-end diameter ; 0.9 mm
- Markings every 5 mm, 10 mm and 12 mm from tip end

MODEL **SG15D** POWER LEVEL **SURG** 50%



ORDER CODE
Z305127

- Diamond coating • Tip-end diameter ; 1.3 mm
- Marking every 5 mm, 10 mm and 12 mm from tip end

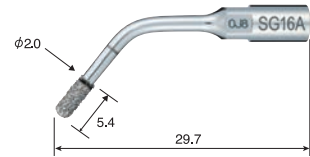


Implant preparation
SG15C, SG15D



For expanding and forming implant preparation site when approaching from the alveolar crest.

MODEL **SG16A** POWER LEVEL **SURG** 50%



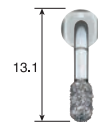
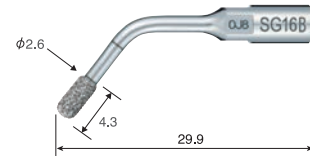
ORDER CODE
Z305128

- Diamond coating • Diameter ; 2.0 mm
- Markings every 5 mm and 10 mm from tip end



Implant preparation
SG16A

MODEL **SG16B** POWER LEVEL **SURG** 50%



ORDER CODE
Z305129

- Diamond coating • Diameter ; 2.6 mm
- Markings every 5 mm and 10 mm from tip end



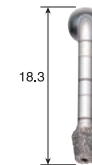
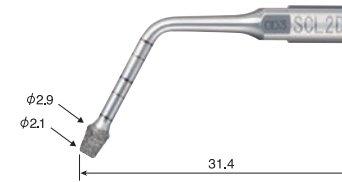
Implant preparation
SG16B



For expanding and forming implant preparation site when approaching from the alveolar crest.

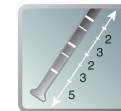
MODEL **SCL2D** POWER LEVEL **SURG** 50%

INTERNAL IRRIGATION



ORDER CODE
Z305182

- Diamond coating

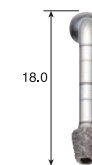
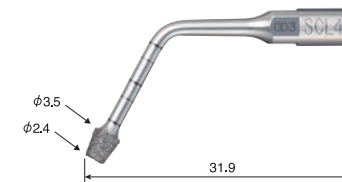


Implant preparation site depth can be measured using markings on the tip.



MODEL **SCL4D** POWER LEVEL **SURG** 80%

INTERNAL IRRIGATION



ORDER CODE
Z305184

- Diamond coating



Formation of implant preparation site
SCL2D, SCL4D



SOCKET LIFT (CRESTAL APPROACH)

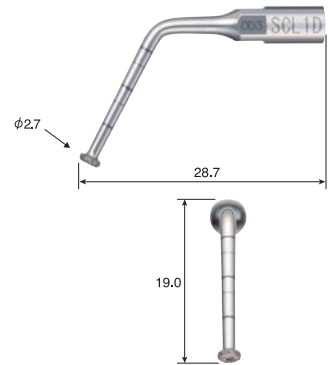
For procedures such as osteotomy of maxillary sinus approaching from the alveolar crest and implant preparation site adjustments.

MODEL **SCL1D** POWER LEVEL **SURG** 80%

MODEL **SCL3D** POWER LEVEL **SURG** 80%

MODEL **SCL5D** POWER LEVEL **SURG** 80%

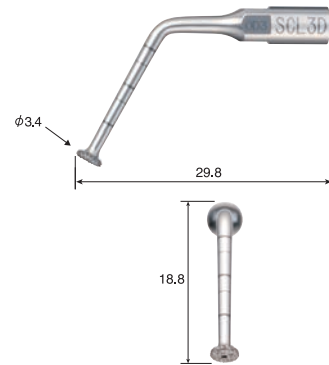
INTERNAL IRRIGATION



ORDER CODE
Z305171

• Diamond coating

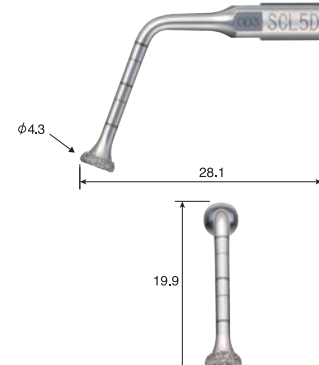
INTERNAL IRRIGATION



ORDER CODE
Z305173

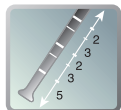
• Diamond coating

INTERNAL IRRIGATION



ORDER CODE
Z305175

• Diamond coating



Implant preparation site depth can be measured using markings on the tip.



Cutting the cavity floor of implant preparation site
SCL1D, SCL3D, SCL5D



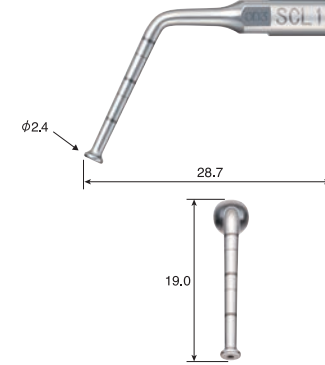
Elevating the sinus membrane with internal irrigation approaching from alveolar crest. SOCKET LIFT (CRESTAL APPROACH)

MODEL **SCL1** POWER LEVEL **SURG** 50%

MODEL **SCL3** POWER LEVEL **SURG** 50%

MODEL **SCL5** POWER LEVEL **SURG** 50%

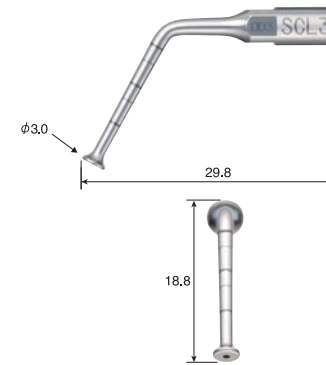
INTERNAL IRRIGATION



ORDER CODE
Z305170

• Diamond coating

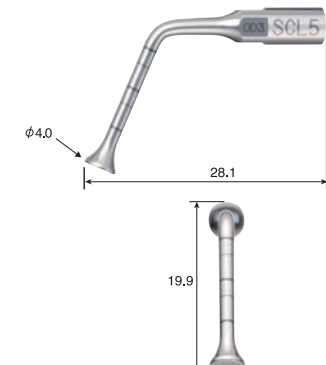
INTERNAL IRRIGATION



ORDER CODE
Z305172

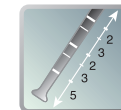
• Diamond coating

INTERNAL IRRIGATION



ORDER CODE
Z305174

• Diamond coating



Implant preparation site depth can be measured using markings on the tip.



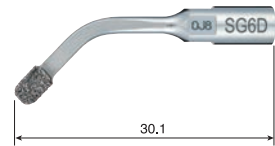
Before the mucous membrane of maxillary sinus is elevated
SCL1, SCL3, SCL5



SINUS LIFT

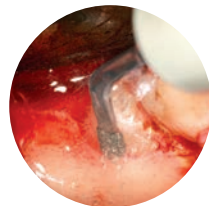
For bone fenestration and bone formations.

MODEL **SG6D** POWER LEVEL **SURG** 80%



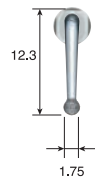
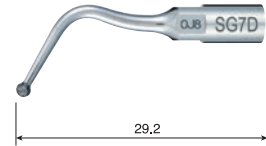
ORDER CODE
Z305107

• Diamond coating



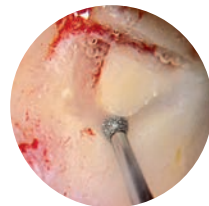
Avulsion of wisdom teeth and impacted teeth
SG6D

MODEL **SG7D** POWER LEVEL **SURG** 50%



ORDER CODE
Z305108

• Diamond coating

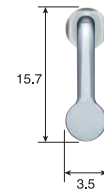
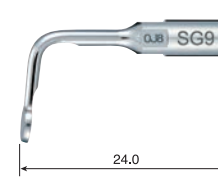


the vestibular bone window and precise osteoplasty
SG7D

SINUS MEMBRANE DETACHMENT

For avulsion and elevation of the maxillary sinus membrane.

MODEL **SG9** POWER LEVEL **SURG** 50%



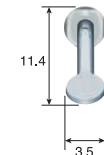
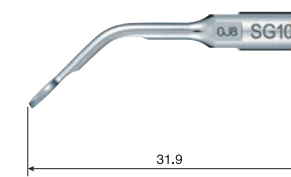
ORDER CODE
Z305110

• Flat circular convex elevator • Angled at 90°



Sinus membrane detachment
SG9, SG10

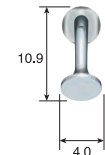
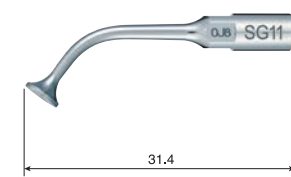
MODEL **SG10** POWER LEVEL **SURG** 50%



ORDER CODE
Z305111

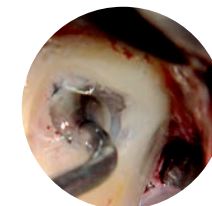
• Flat circular convex elevator • Angled at 135°

MODEL **SG11** POWER LEVEL **SURG** 50%



ORDER CODE
Z305112

• Cone compressor



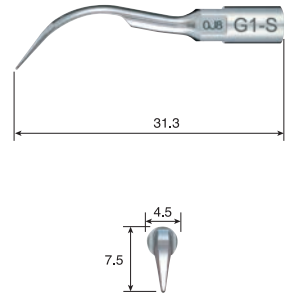
Sinus membrane elevation
SG11

SOCKET LIFT
(CRESTAL APPROACH)

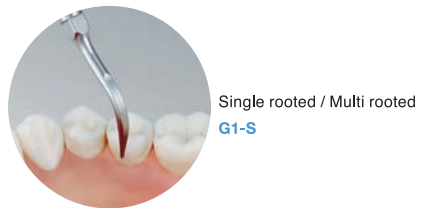


SCALING

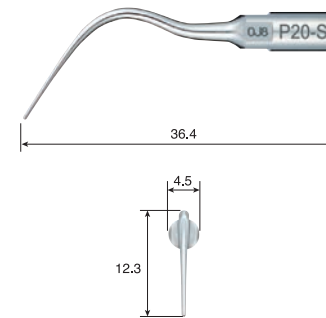
MODEL **G1-S** POWER LEVEL **SURG** 50%



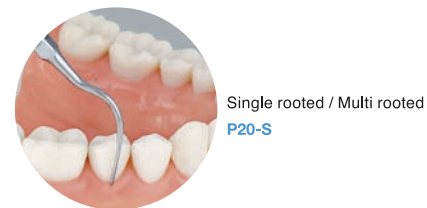
ORDER CODE
Z305113



MODEL **P20-S** POWER LEVEL **PERIO** 100%

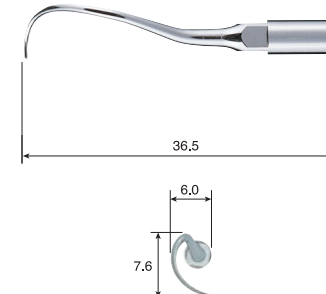


ORDER CODE
Z305114



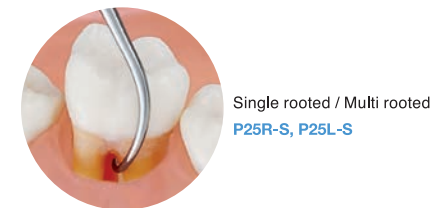
MODEL **P25R-S** POWER LEVEL **PERIO** 100%

Removal of Biofilm furcation area.



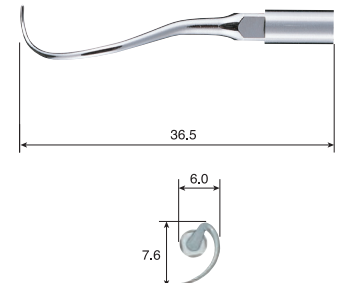
ORDER CODE
Z305115

• Right curved type*



MODEL **P25L-S** POWER LEVEL **PERIO** 100%

Removal of Biofilm furcation area.



ORDER CODE
Z305116

• Left curved type*

* The direction of the tip's curve is defined by the tip's anterior view.

MODEL **V10-S** POWER LEVEL PERIO 100%

MODEL **V-P10**



For the maintenance of prostheses and implants. Produced from special material to allow safe debridement without causing damage to metals and implants.

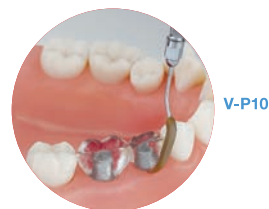


ORDER CODE
Z305117

- Includes E-Tip replacement wrench
- * Plastic Tip is not included

ORDER CODE
Y900184

- Pack of 3
- * V10-S holder is not included



V-P10

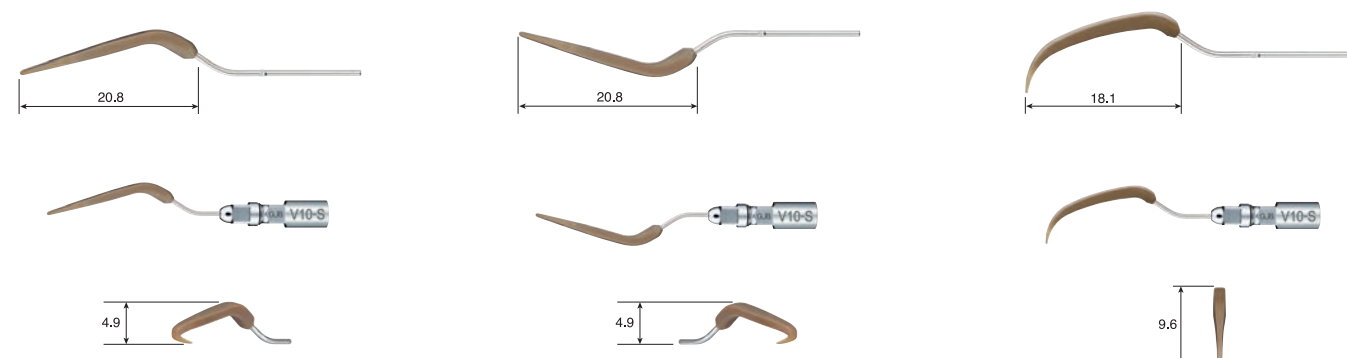
MODEL **V-P11R**

MODEL **V-P11L**

MODEL **V-P12**

Double bent tips. This tip is extra long to easily access difficult to reach areas and to avoid interference with neighbouring teeth or contours.

A longer version of the popular V-P10 tip.



ORDER CODE
Y1002165

- Pack of 3 - Right curved type*
- * V10-S holder is not included

ORDER CODE
Y1002166

- Pack of 3 - Left curved type*
- * V10-S holder is not included

ORDER CODE
Y1002167

- Pack of 3
- * V10-S holder is not included



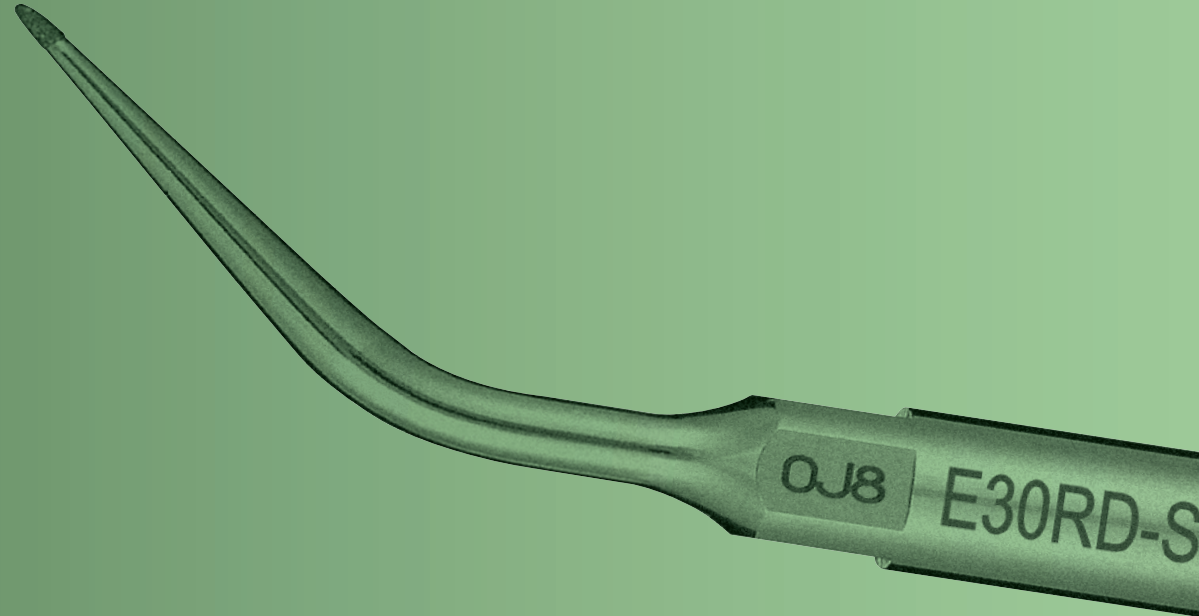
V-P11R, V-P11L



V-P12

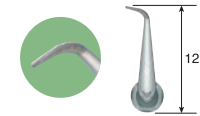
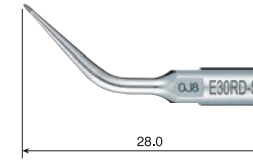
■ V-P11R/L, V-P12 can be used only for VarioSurg3 * The direction of the tip's curve is defined by the tip's anterior view.

ENDODONTICS



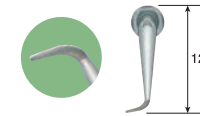
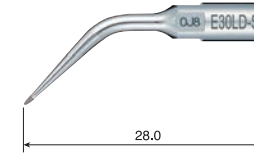
The microscopic diamond coated tip allows effective removal of dentin at the apex. **ENDODONTICS**

MODEL **E30RD-S** POWER LEVEL **ENDO** 50% MODEL **E30LD-S** POWER LEVEL **ENDO** 50% MODEL **E31D-S** POWER LEVEL **ENDO** 50% MODEL **E32D-S** POWER LEVEL **ENDO** 50%



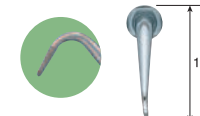
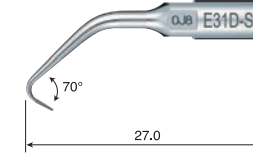
ORDER CODE
Z305118

- Diamond coating
- For posterior teeth (right angled*)



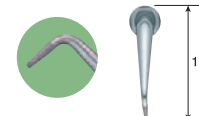
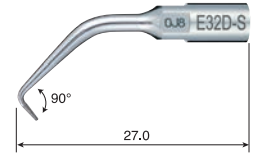
ORDER CODE
Z305119

- Diamond coating
- For posterior teeth (left angled*)



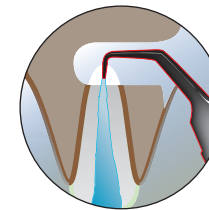
ORDER CODE
Z305120

- Diamond coating
- For anterior and posterior teeth (70°)

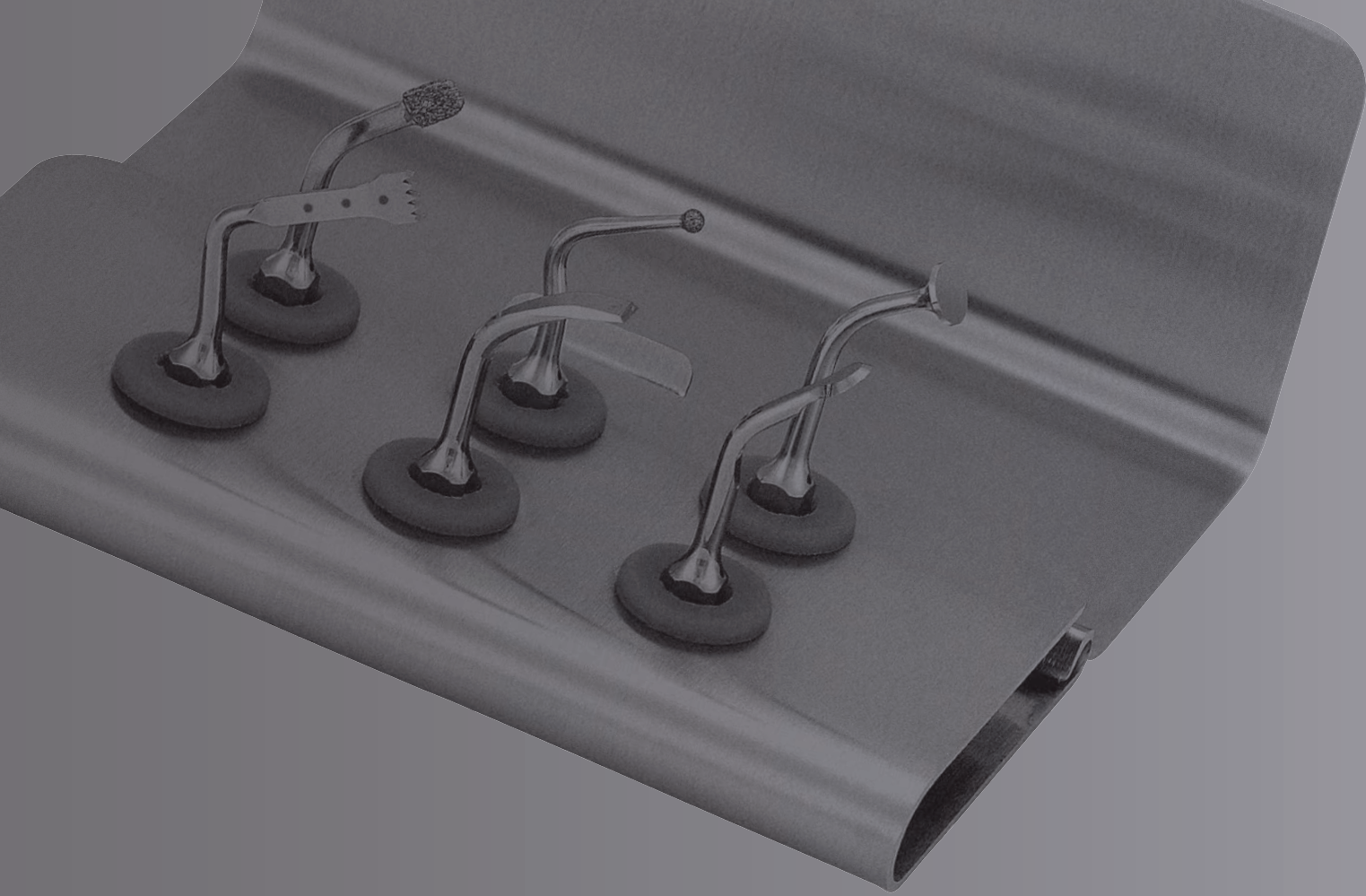


ORDER CODE
Z305121

- Diamond coating
- For anterior teeth (90°)



* The direction of the tip's angle is defined by the tip's anterior view.



TIP KIT

MODEL **Basic H-S Kit**

Contents

- H-SG1, SG3, SG5, SG6D, SG7D, SG11
- Tip holder



- BONE SURGERY
- SINUS LIFT
- SCRAPER
- SINUS MEMBRANE DETACHMENT

ORDER CODE

Y1002775

MODEL **Sinus Lift Kit**

Contents

- SG1, SG3, SG6D, SG9, SG10, SG11
- Tip holder



SINUS LIFT

ORDER CODE

Y900689

MODEL **Bone Cut Kit**

Contents

- SG1, SG2R, SG4, SG2L, SG6D
- Tip holder



BONE SURGERY

ORDER CODE

Y900688

MODEL **Endo-S Kit**

Contents

- G1-S, E30RD-S, E30LD-S, E31D-S, E32D-S
- Tip holder



ENDODONTICS

ORDER CODE

Y900691

MODEL **Implant Preparation Kit**

Contents

- SG15A, SG15B, SG16A, SG16B
- Tip holder



IMPLANT PREPARATION

ORDER CODE

Y900774

MODEL **Socket Lift (CRESTAL APPROACH) Kit for Wide Size Implant**

Contents

- SCL2D, SCL3D, SCL4D, SCL3
- VS Tip Wrench • Tip holder • Manual



SOCKET LIFT (CRESTAL APPROACH)

ORDER CODE

Y1002842

MODEL **Socket Lift (CRESTAL APPROACH) Kit for Regular Size Implant**

Contents

- SCL1D, SCL2D, SCL1
- VS Tip Wrench • Tip holder • Manual



SOCKET LIFT (CRESTAL APPROACH)

ORDER CODE

Y1002841

VarioSurg3

Advantages

- Super slim handpiece with LED
- Extensive tip range for a wide range of applications
- Link 2 system with SurgicPro(implant motor)



COMPLETE SET

OPTIC MODEL: VarioSurg3 (230V) ORDER CODE: Y1002726

Contents:

- Control Unit ● LED Handpiece with 2m cord ● FC-78 Foot Control ● Sterilization Cassette ● Handpiece Stand
- Irrigation tube (5 pcs.) and other accessories
- Basic H-S Kit (H-SG1, SG3, SG5, SG6D, SG7D, SG11 and Tip holder)

COMPLETE SET WITHOUT FOOT CONTROL

OPTIC MODEL: VarioSurg3 (230V) Non FT ORDER CODE: Y1002248

Contents:

- Control Unit ● LED Handpiece with 2m cord ● Sterilization Cassette ● Handpiece Stand
- Irrigation tube (5 pcs.) and other accessories
- Basic H-S Kit (H-SG1, SG3, SG5, SG6D, SG7D, SG11 and Tip holder)

Specifications:

Control Unit	
• Frequency	: 28-32 kHz
• Power Supply	: 230V 50/60 Hz
• Irrigation Flow Rate	: 10-75 mL / min
• Programs	: SURG x 5, ENDO x 2, PERIO x 2
• Dimensions	: W265 x D220 x H100 mm



NAKANISHI INC.  www.nsk-inc.com

700 Shimohinata, Kanuma, Tochigi 322-8666, Japan

NSK Europe GmbH  www.nsk-europe.de

Eily-Beinhorn-Strasse 8, 65760 Eschborn, Germany

Specifications are subject to change without notice.