

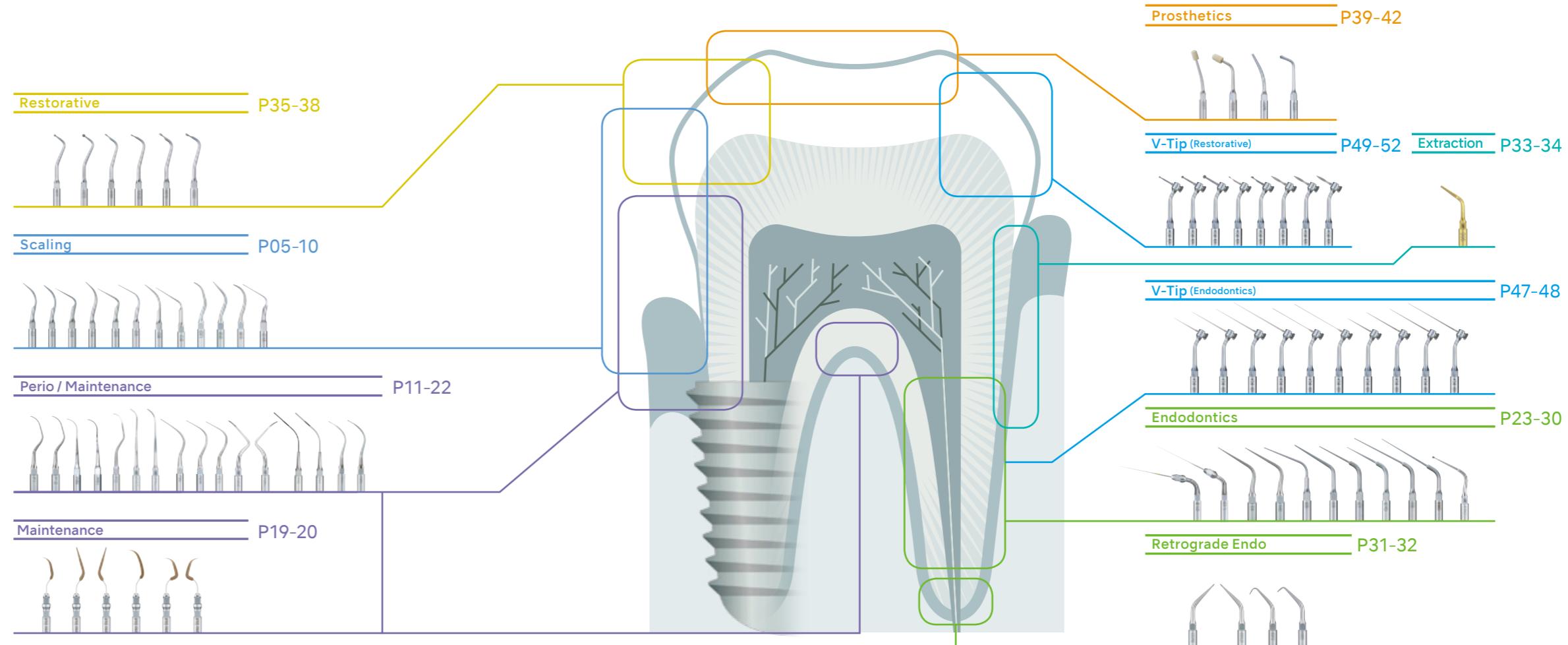
Create it 

TIP GUIDE

ULTRASONIC SCALER

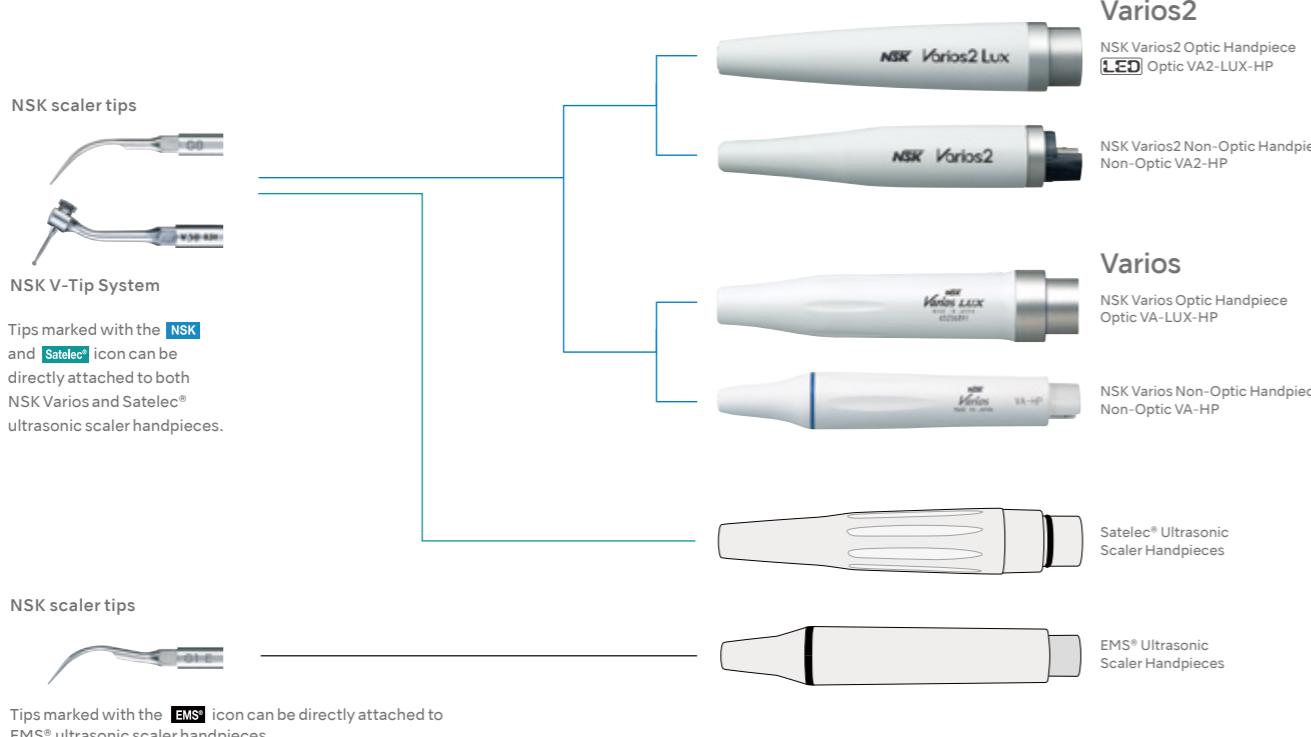
NSK

NSK Offers
A Wide Range of
VARIOS Ultrasonic Scaler Tips
For Clinical Applications.



Varios2 / Varios tips

NSK tips fit Varios and Varios2 ultrasonic scaler handpieces as well as Satelec® ultrasonic scaler handpieces. NSK make a number of tips which will fit on EMS® ultrasonic scaler handpieces. The following is a guide to illustrate all NSK Varios tips, their applications and connectivity.

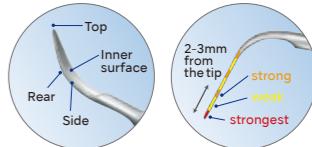


The key points for correct usage of the ultrasonic scaler

Calculus is removed efficiently by ultrasonic vibrations and the cavitation effect of the NSK ultrasonic scaler, in addition to the elimination and destruction of bacterial biofilms. Here are the "four points" for maximizing the effects:

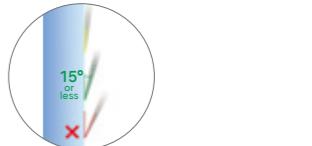
POINT 1 Correct application of the tip to a tooth

NSK ultrasonic scaler series is Piezo type, with a tip that has a linear, reciprocating motion. The tip generates varying amounts of power according to the part of the tip that is applied to the tooth. The impact on the tooth surface and the results will vary depending on which part of the tip is applied to the tooth. Typically, applying the side of the tip 2~3 mm from the end can be most effective.



POINT 2 The angle of the tip

By positioning the tip at an angle of 15 degrees or less against the tooth surface, the side of the tip can be applied 2~3 mm from the end. The greater the angle of the tip against the tooth surface, the greater the impact on the tooth becomes since the end of the tip (which is the most powerful part of the tip) is applied to the tooth. This could result in sensitivity on the tooth and brings discomfort for the patient.



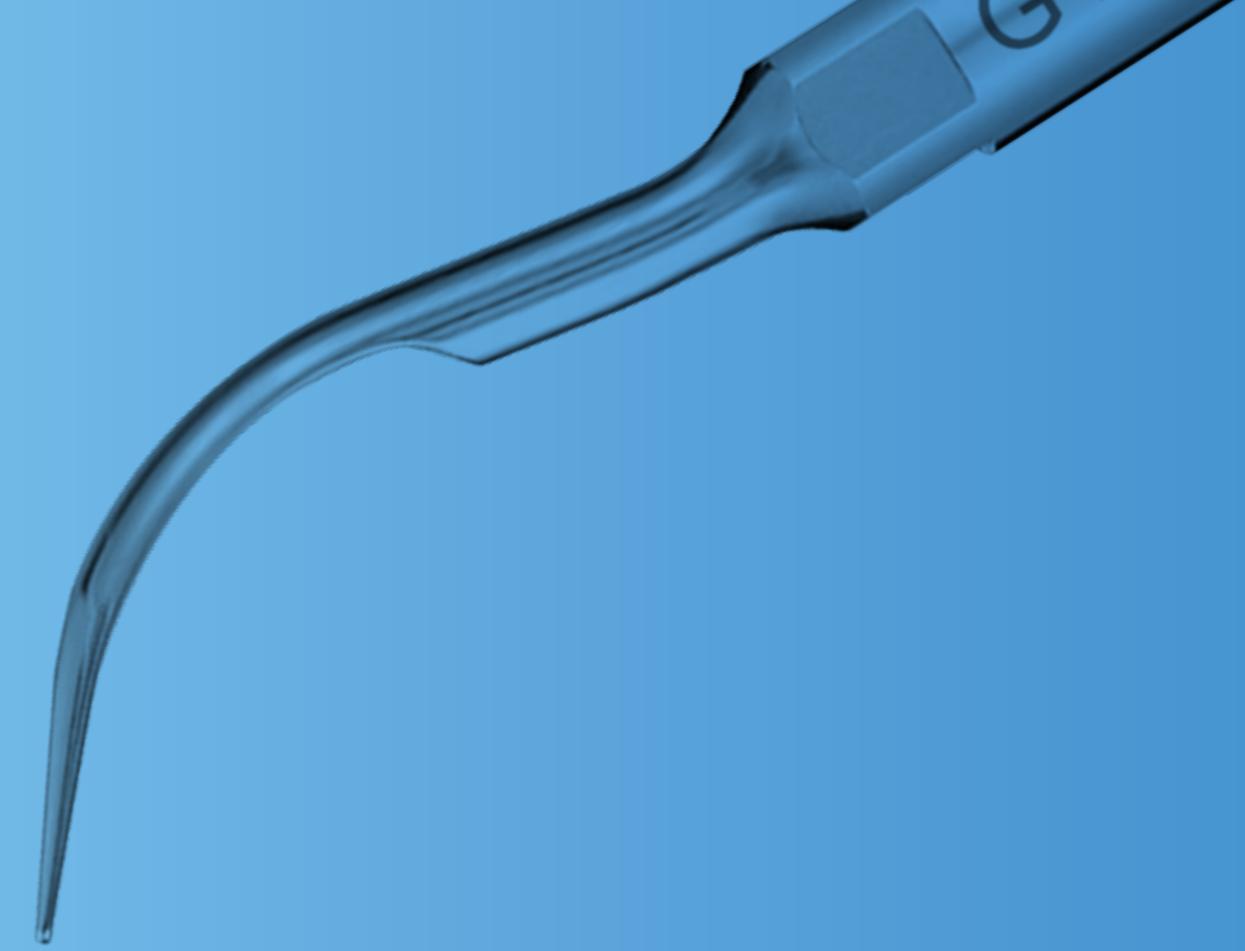
POINT 3 Application and the motion of the tip

The force applied by the tip to the tooth should be feather-light. Using fine motions while keeping the end of the tip on the tooth surface makes the most of the ultrasonic vibrations. When removing large hard calculus, the end of the tip should be applied as this has sufficient power to "crack the calculus" by attacking where the calculus is attached to the tooth surface. "Applying more force than is necessary" or "Applying force only to one spot on the tooth surface" may scratch the tooth surface, and subsequently cause pain to the patient. Doing so also means that you are not taking full advantage of the ultrasonic vibration.



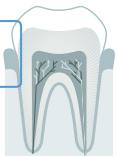
POINT 4 Power setting

Power Setting adjustment is dependant on the condition of the oral cavity. We recommend restricting power use at the start of the procedure, gradually increasing it from low to meet the situation in the oral cavity.



SCALING

SCALING



SCALING

MODEL G1

- Removal of supra gingival calculus.
- Removal of calculus, narrow interdental space.
- Removal of marginal gingival calculus.



NSK Satelec® MODEL G1
EMS® MODEL G1-E

ORDER CODE Z217101
ORDER CODE Z291101



Single rooted / Multi rooted

MODEL G2

- Removal of supra gingival calculus.



NSK Satelec® MODEL G2
EMS® MODEL G2-E

ORDER CODE Z217102
ORDER CODE Z291102



Single rooted / Multi rooted

MODEL G3

- Removal of supra gingival calculus.



NSK Satelec® MODEL G3
EMS® MODEL G3-E

ORDER CODE Z217103
ORDER CODE Z291103



Single rooted / Multi rooted

MODEL G4

- Removal of supra gingival calculus.
- Removal of marginal gingival calculus.



NSK Satelec® MODEL G4
EMS® MODEL G4-E

ORDER CODE Z217104
ORDER CODE Z291104



Single rooted / Multi rooted

MODEL G5

- Removal of supra gingival calculus.
- Removal of calculus, narrow interdental space.
- Removal of marginal gingival calculus.
- Removal of subgingival biofilm.



NSK Satelec® MODEL G5
EMS® MODEL G5-E

ORDER CODE Z217105
ORDER CODE Z291105



Single rooted / Multi rooted

MODEL G6

- Removal of supra gingival calculus.
- Removal of calculus, narrow interdental space.
- Removal of marginal gingival calculus.
- Removal of subgingival biofilm.



NSK Satelec® MODEL G6
EMS® MODEL G6-E

ORDER CODE Z217106
ORDER CODE Z291106



Single rooted / Multi rooted

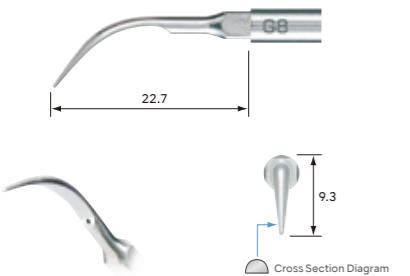
SCALING



SCALING

MODEL G8

- Removal of supra gingival calculus.
- Removal of calculus, narrow interdental space.
- Removal of marginal gingival calculus.



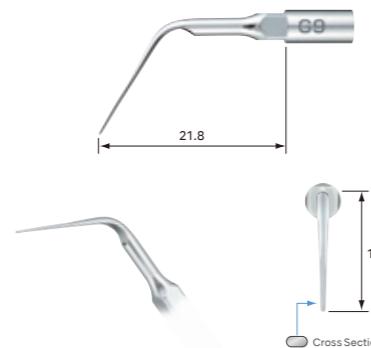
NSK Satelec[®] MODEL G8 ORDER CODE Z217108



Single rooted / Multi rooted

MODEL G9

- Removal of supra gingival calculus.
- Removal of calculus, narrow interdental space.
- Removal of marginal gingival calculus.
- Removal of subgingival biofilm.



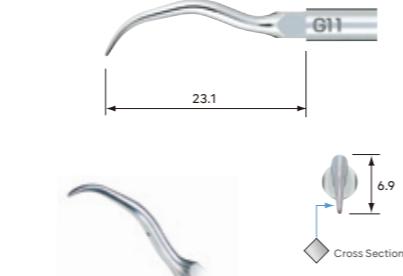
NSK Satelec[®] MODEL G9 ORDER CODE Z217109



Single rooted / Multi rooted

MODEL G11

- Removal of supra gingival calculus.



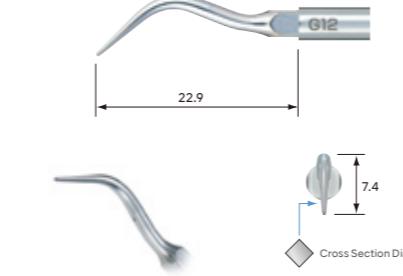
NSK Satelec[®] MODEL G11 ORDER CODE Z217411



Single rooted / Multi rooted

MODEL G12

- Removal of supra gingival calculus.



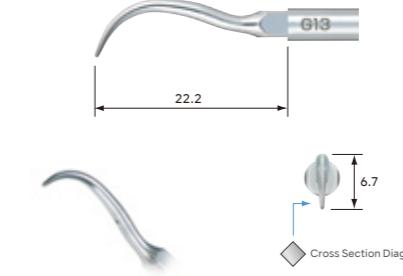
NSK Satelec[®] MODEL G12 ORDER CODE Z217412



Single rooted / Multi rooted

MODEL G13

- Removal of supra gingival calculus.



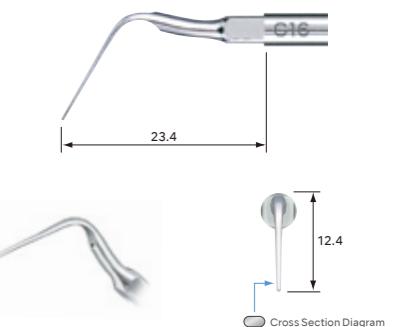
NSK Satelec[®] MODEL G13 ORDER CODE Z217413



Single rooted / Multi rooted

MODEL G16

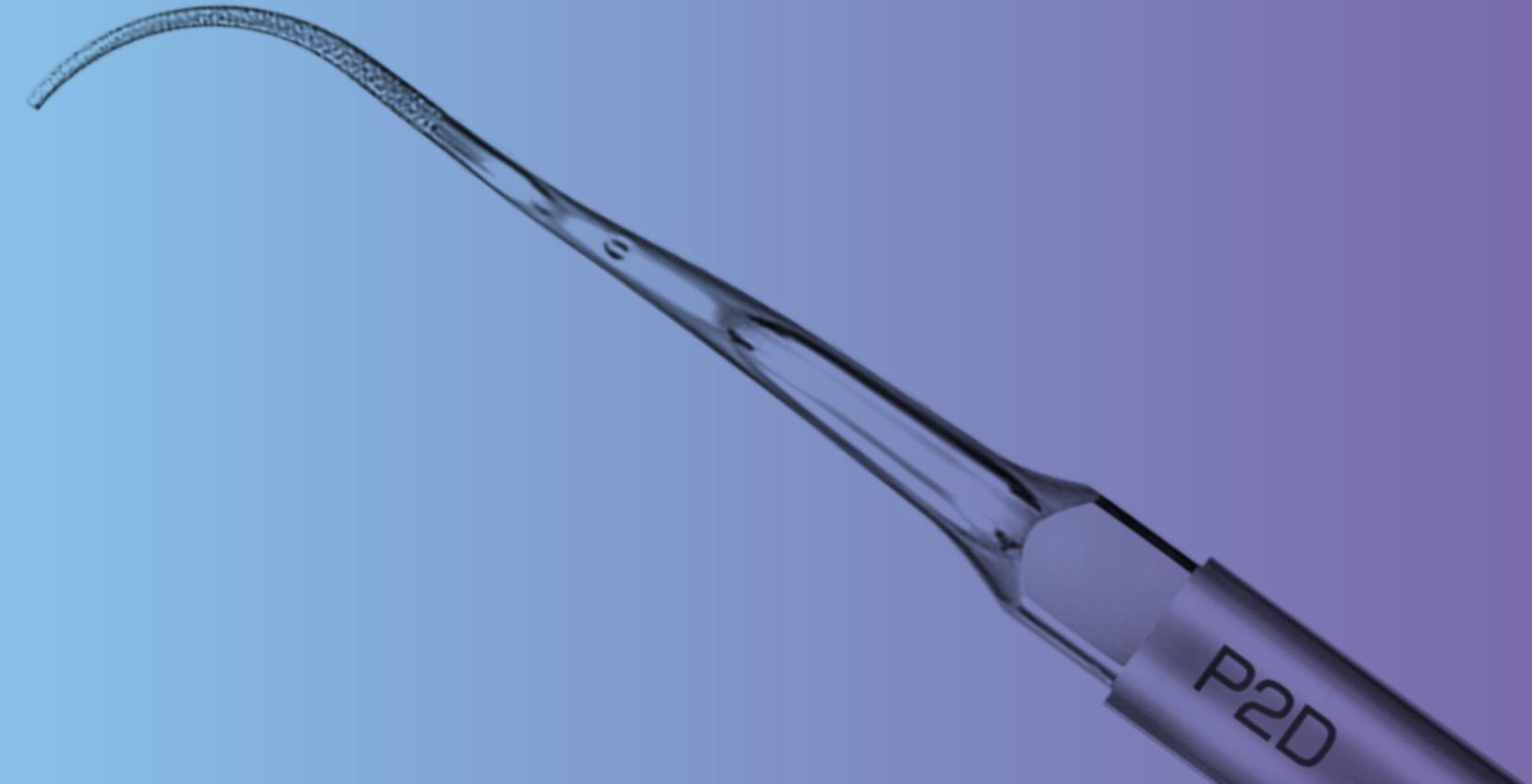
- Removal of supra gingival calculus.
- Removal of calculus, narrow interdental space.
- Removal of marginal gingival calculus.
- Removal of subgingival biofilm.



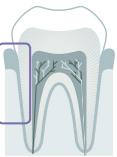
NSK MODEL G16 ORDER CODE Z217120



Single rooted / Multi rooted

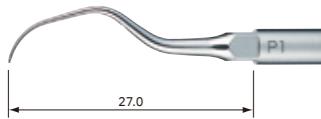


PERIO



MODEL P1

- Removal of calculus, narrow interdental space.
- Removal of sub gingival biofilm.



NSK Satelec[®] MODEL P1 ORDER CODE Z217404

• Diamond coated



P1: Single rooted
P1D: Single rooted / Multi rooted

MODEL P1D

- Removal of calculus, narrow interdental space.
- Removal of calculus in deep pockets.
- Removing biofilm from deep pockets.



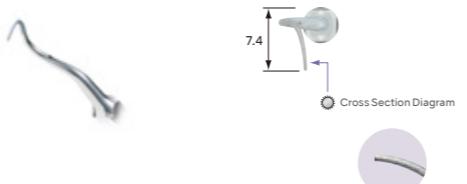
NSK Satelec[®] MODEL P1D ORDER CODE Z217405

• Diamond coated

* Cross section diagram is the image of a point 1 mm from the end. The illustrated tip diagram is four times bigger than the actual size.

MODEL P2D

- Removal of calculus, narrow interdental space.
- Removal of calculus in deep pockets.
- Removing biofilm from deep pockets.



NSK Satelec[®] MODEL P2D ORDER CODE Z217402

• Diamond coated
• Right curved type



Single rooted / Multi rooted

MODEL P3D

- Removal of calculus, narrow interdental space.
- Removal of calculus in deep pockets.
- Removing biofilm from deep pockets.



NSK Satelec[®] MODEL P3D ORDER CODE Z217403

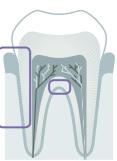
• Diamond coated
• Left curved type



Single rooted / Multi rooted

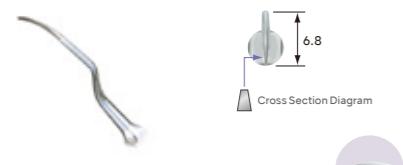
P2D / P3D (From above)





MODEL P10

- Removal of supra gingival calculus.
- Removal of calculus narrow interdental space.
- Removal of marginal gingival calculus.
- Removal of subgingival biofilm.



NSK Satelec® MODEL P10 ORDER CODE Z217410

- Sharp edge



Single rooted / Multi rooted

MODEL P11R

- Removal of calculus narrow interdental space.
- Removal of calculus in deep gingival.
- Removal of gingival biofilm.
- Removal of biofilm furcation area.
- Debridement of furcations.



NSK Satelec® MODEL P11R ORDER CODE Z217408

- Sharp edge
- Right curved type



Single rooted / Multi rooted

MODEL P11L

- Removal of calculus narrow interdental space.
- Removal of calculus in deep gingival.
- Removal of gingival biofilm.
- Removal of biofilm furcation area.
- Debridement of furcations.



NSK Satelec® MODEL P11L ORDER CODE Z217409

- Sharp edge
- Left curved type



Single rooted / Multi rooted

MODEL P20

- Removal of subgingival biofilm.



NSK Satelec® MODEL P20 ORDER CODE Z217420
EMS® MODEL P20-E ORDER CODE Z291420

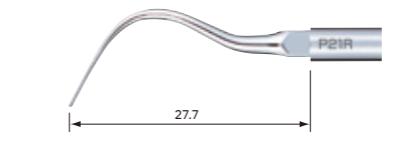
- Right curved type



Single rooted / Multi rooted

MODEL P21R

- Removal of subgingival biofilm.



NSK Satelec® MODEL P21R ORDER CODE Z217422
EMS® MODEL P21R-E ORDER CODE Z291422

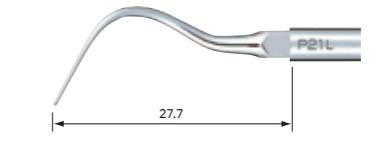
- Right curved type



Single rooted / Multi rooted

MODEL P21L

- Removal of subgingival biofilm.

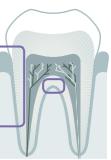


NSK Satelec® MODEL P21L ORDER CODE Z217421
EMS® MODEL P21L-E ORDER CODE Z291421

- Left curved type



Single rooted / Multi rooted



MODEL P25R

- Removal of biofilm in the furcation areas.



NSK Satelec® MODEL P25R ORDER CODE Z217424

EMS® MODEL P25R-E ORDER CODE Z291424

- Right curved type



Single rooted / Multi rooted

MODEL P25L

- Removal of biofilm in the furcation areas.



NSK Satelec® MODEL P25L ORDER CODE Z217425

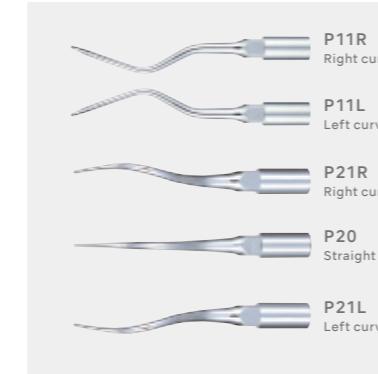
EMS® MODEL P25L-E ORDER CODE Z291425

- Left curved type



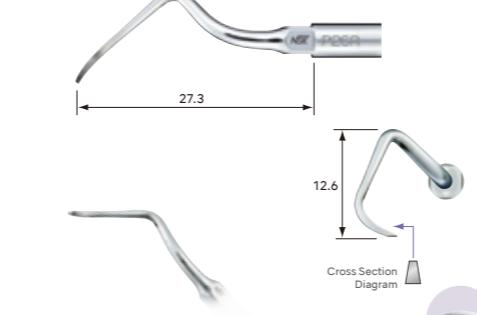
Single rooted / Multi rooted

P11R / P11L / P21R / P20 / P21L (From above)



MODEL P26R

- Removal of calculus narrow interdental space.
- Removal of calculus in deep gingival.
- Removal of subgingival biofilm in the furcation areas.



NSK Satelec® MODEL P26R ORDER CODE Z217426

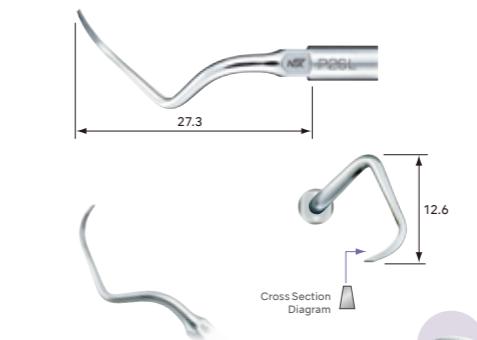
- Sharp edge
- Right curved type



Single rooted / Multi rooted

MODEL P26L

- Removal of calculus narrow interdental space.
- Removal of calculus in deep gingival.
- Removal of subgingival biofilm in the furcation areas.



NSK Satelec® MODEL P26L ORDER CODE Z217427

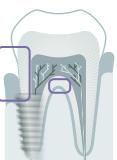
- Sharp edge
- Left curved type



Single rooted / Multi rooted

P25R / P25L / P26R / P26L (From above)





MODEL V10



MODEL V-P10

For the maintenance of prostheses, implant-supported prostheses. These tips are made from a special material which will not damage prostheses and restorative materials.



NSK Satelec®
MODEL V10

ORDER CODE Z217041

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

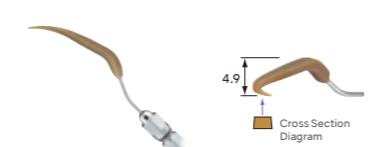
MODEL V-P10 ORDER CODE Y900184

- Pack of 3
- * V10 holder is not included



MODEL V-P11R

V-P11R/L left and right are double bent tips. This tip is extra long to easily access difficult to reach areas and to avoid interference with adjacent teeth or contours. Its shape was designed to best fit different tooth morphologies, making this a versatile tip for a wide range of uses from anterior teeth to premolars.



MODEL V-P11L

V-P11R/L left and right are double bent tips. This tip is extra long to easily access difficult to reach areas and to avoid interference with adjacent teeth or contours. Its shape was designed to best fit different tooth morphologies, making this a versatile tip for a wide range of uses from anterior teeth to premolars.



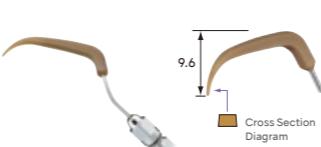
MODEL V-P12

V-P12 is a longer version of the popular V-P10 tip. It serves a wide range of applications, including the maintenance of implants and other prosthetic devices. Its shape offers easy access to all treatment areas.



MODEL V-P26R

V-P26R/L is a double-bent tips. The wide angles offer access to areas that cannot be reached with V-P11R/L tips or other conventional instruments. These tips are ideally suited to access the distal surfaces of molars and corner areas as, the end of the tip fits tooth morphology very closely.



MODEL V-P26L

V-P26R/L is a double-bent tips. The wide angles offer access to areas that cannot be reached with V-P11R/L tips or other conventional instruments. These tips are ideally suited to access the distal surfaces of molars and corner areas as, the end of the tip fits tooth morphology very closely.



Starter Kit



NSK Satelec®

MODEL Perio-Control Tips Starter Kit ORDER CODE Y1002606

- V10 holder : 1 pc.
- V-P11R, V-P11L, V-P12, V-P26R, V-P26L : 1 pc. each
- * Includes E-Tip replacement wrench



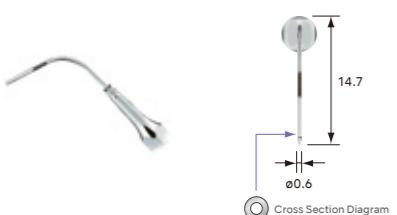
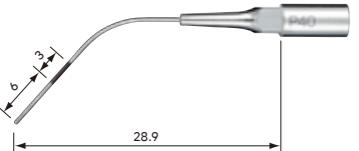
PERIO (Irrigation and Cleaning)

For effective cleaning following debridement or scaling. *No scaling effect.

MODEL P40

MODEL P41

- Safe to use in all pocket conditions and has 3mm to 6mm markings as guidance.



NSK | Satelec® MODEL P40

ORDER CODE Z217550

- Tip diameter $\varnothing 0.6$ mm



Dual irrigation points

- Irrigation from dual points on lateral areas of the apex.
- Effective cleaning regardless of the insertion angle.
- The rounded apex shape for safety in periodontium.

* Cross section diagram is the image of a point 1 mm from the end. The illustrated tip diagram is four times bigger than the actual size.

PERIO

MODEL Perio Kit A



NSK | Satelec®
MODEL Perio Kit A

ORDER CODE Y900144

- P1D, P2D, P3D, P10: 1 pc. each
- Tip holder: 1 pc.

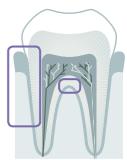
MODEL Perio Kit B

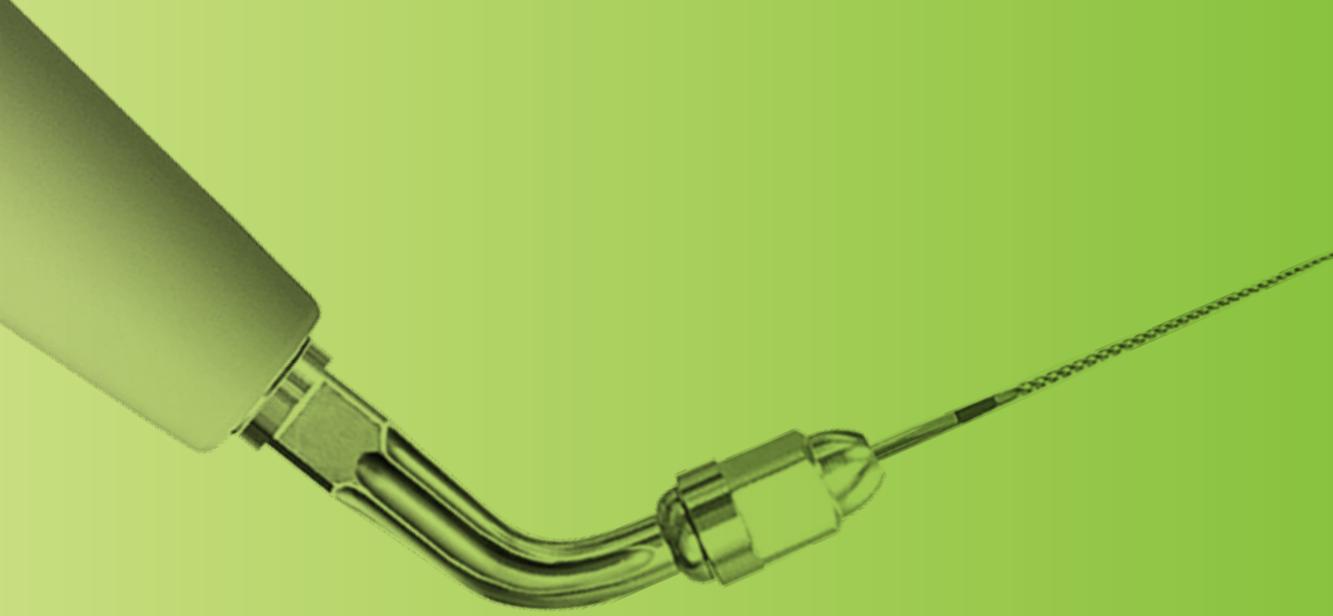


NSK | Satelec®
MODEL Perio Kit B

ORDER CODE Y900145

- P20, P25R, P25L: 1 pc. each
- Tip holder: 1 pc.





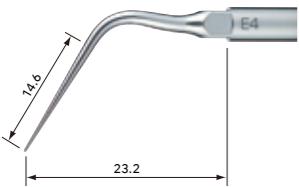
ENDODONTICS

ENDODONTICS



MODEL E4

- Cleaning of root canal and removal of foreign materials.
- Widening of the root canal.



NSK | Satelec[®] MODEL E4 ORDER CODE Z217428

• Tip diameter Ø0.6 mm

MODEL E7

- Removal of filling and foreign material.

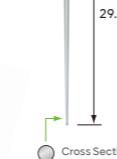


NSK | Satelec[®] MODEL E7 ORDER CODE Z217307

• Water not required

MODEL E8

- Removal of filling and foreign material.



NSK | Satelec[®] MODEL E8 ORDER CODE Z217308

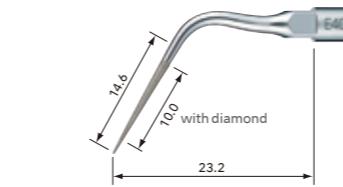
• Water not required



* Cross section diagram is the image of a point 1 mm from the end. The illustrated tip diagram is four times bigger than the actual size.

MODEL E4D

- Cleaning and smoothing of root canals.
- Widening of the root canal.

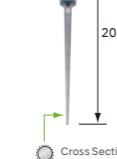


NSK | Satelec[®] MODEL E4D ORDER CODE Z217528

• Diamond coated

MODEL E7D

- Root canal enlargement.

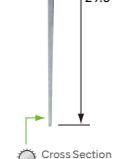


NSK | Satelec[®] MODEL E7D ORDER CODE Z217317

• Diamond coated

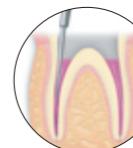
MODEL E8D

- Root canal enlargement.



NSK | Satelec[®] MODEL E8D ORDER CODE Z217318

• Diamond coated



Refer to the power guide on pages 53-54.

ENDODONTICS



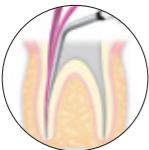
MODEL E5

- Lateral condensation.



NSK | Satelec MODEL E5 ORDER CODE Z217305

- Water not required



MODEL E6

- Lateral condensation.



NSK | Satelec MODEL E6 ORDER CODE Z217306

- Water not required



* Cross section diagram is the image of a point 1 mm from the end. The illustrated tip diagram is four times bigger than the actual size.

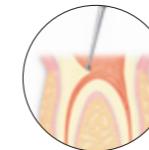
MODEL E15D

- Locating root canals and removal of calcifications.



NSK | Satelec MODEL E15D ORDER CODE Z217319

- Diamond coated



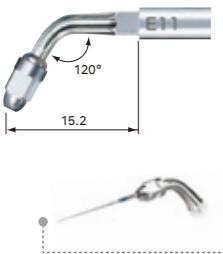
Refer to the power guide on pages 53-54.

ENDODONTICS



MODEL E11

- 120° Angle Holder for U files



- For U files (Shank dia : 0.8 mm)
- For root canal cleaning
- For anterior teeth
- Includes E Tip replacement wrench
- *File is optional

NSK | Satelec® MODEL E11 ORDER CODE Z217031

Always refer to this reference chart to ensure correct and accurate proper file length to avoid file breakage.

	ISO 15	ISO 20	ISO 25	ISO 30	ISO 35
E11	Varios2 22 mm	24.5 mm	22 mm	22 mm	22 mm
	Varios 22-23 mm	22-23 mm	23-25 mm	23-25 mm	24-26 mm
E12	Varios2 22 mm	24.5 mm	24.5 mm	24.5 mm	22 mm
	Varios 21-25 mm	21-25 mm	21-25 mm	21-25 mm	21-25 mm

MODEL E12

- 95° Angle Holder for U files



- For U files (Shank dia : 0.8 mm)
- For root canal cleaning
- For posterior teeth
- Includes E Tip replacement wrench
- *File is optional

NSK | Satelec® MODEL E12 ORDER CODE Z217032

MODEL U Files

Length : 33 mm Shank dia. : 0.8 mm

MODEL U files 33mm ISO 15 ORDER CODE Y900062

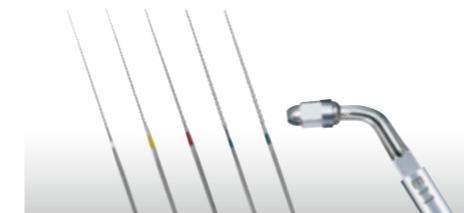
MODEL U files 33mm ISO 20 ORDER CODE Y900063

MODEL U files 33mm ISO 25 ORDER CODE Y900064

MODEL U files 33mm ISO 30 ORDER CODE Y900065

MODEL U files 33mm ISO 35 ORDER CODE Y900066

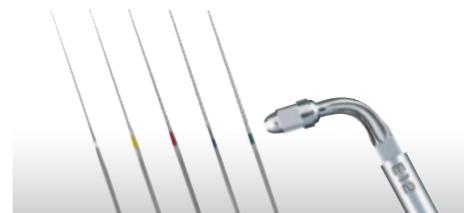
MODEL Endo Kit E11 For anterior teeth



NSK | Satelec® MODEL Endo Kit E11 ORDER CODE Y900146

- E11 : 1 pc. 120° angle holder for anterior teeth
- E Tip replacement wrench : 1 pc.
- U files 33mm ISO 15, ISO 20, ISO 25, ISO 30, ISO 35 : Pack of 6 each size

MODEL Endo Kit E12 For posterior teeth



NSK | Satelec® MODEL Endo Kit E12 ORDER CODE Y900147

- E12 : 1 pc. 95° angle holder for posterior teeth
- E Tip replacement wrench : 1 pc.
- U files 33mm ISO 15, ISO 20, ISO 25, ISO 30, ISO 35 : Pack of 6 each size

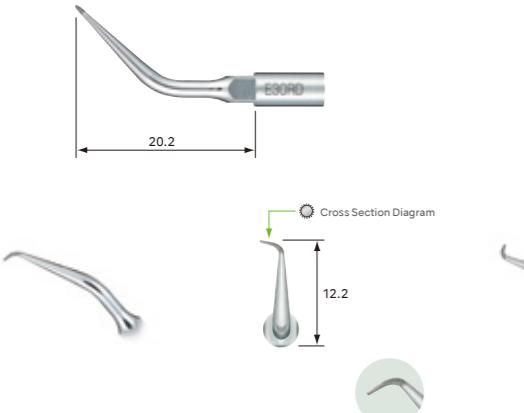
RETROGRADE ENDO

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

2 types of angled tips (90°, 70°) are available for anterior teeth and another 2 types of curved tips (right and left) are available for molar teeth.

MODEL E30RD

- Diamond coated tip allows efficient cavity preparation.



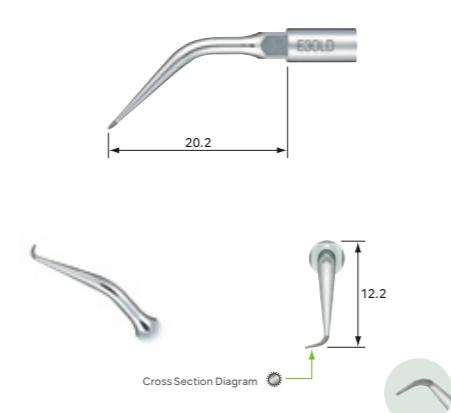
NSK Satelec® MODEL E30RD ORDER CODE Z217212

- Diamond coated
- For posterior teeth (right angled)



MODEL E30LD

- Diamond coated tip allows efficient cavity preparation.



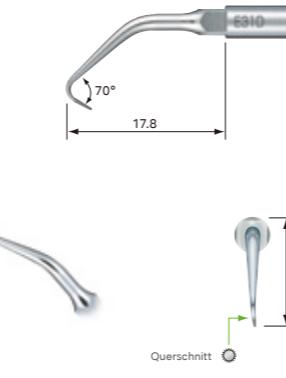
NSK Satelec® MODEL E30LD ORDER CODE Z217213

- Diamond coated
- For posterior teeth (left angled)



MODEL E31D

- Diamond coated tip allows efficient cavity preparation.

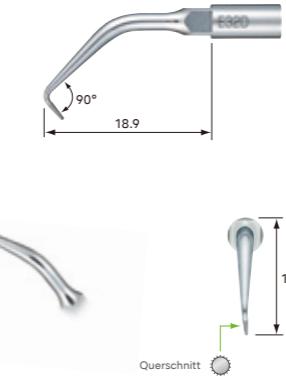


NSK Satelec® MODEL E31D ORDER CODE Z217210

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

MODEL E32D

- Diamond coated tip allows efficient cavity preparation.



NSK Satelec® MODEL E32D ORDER CODE Z217211

- Diamond coated
- For anterior teeth (90°)

MODEL Retro Kit

- E30RD, E30LD, E31D, E32D : 1 pc. each
- Tip holder : 1 pc.

NSK Satelec® MODEL Retro Kit ORDER CODE Y900149

- E30RD, E30LD, E31D, E32D : 1 pc. each
- Tip holder : 1 pc.

EXTRACTION



EXTRACTION

Periodontal membrane removal Tip.

MODEL G95

- Tooth extraction is possible without excessively cutting the alveolar bone around the remaining root, retaining the morphology of the alveolar bone.



NSK MODEL G95

ORDER CODE Z217705

- TiN coating • 0.7 mm thick • A double edge, which is sharp in three directions

Root extraction (upper left No. 2 tooth removal)



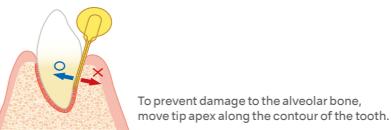
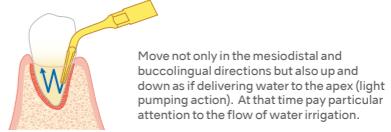
Refer to the power guide on pages 53-54.

Impacted tooth (lower left No. 8 tooth removal)



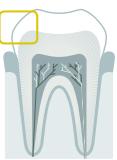
* Cross section diagram is the image of a point 1 mm from the end. The illustrated tip diagram is four times bigger than the actual size.

Caution



- Use of irrigation enhances performance.
- When used with Varios 970 choice of irrigation.
- Tip can be used on NSK ultrasonic units.





RESTORATIVE



RESTORATIVE

MODEL G61D

- Diamond coated ball ended tip.



NSK Satelec[®] MODEL G61D

ORDER CODE Z217601

- Diamond coated

MODEL G62D

- Diamond coated ball ended tip.



NSK Satelec[®] MODEL G62D

ORDER CODE Z217602

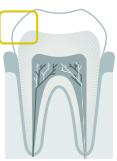
- Diamond coated



Refer to the power guide on pages 53-54.

Satelec is a registered trademark of Satelec, a company of Acteon Group.

RESTORATIVE



MODEL G65D

- Interproximal caries removal.
The hemispherical top of the tip does not allow cutting of sound tooth.



NSK | Satelec[®] MODEL G65D ORDER CODE Z217605

- Diamond coated



MODEL G66D

- Interproximal caries removal of anterior teeth with safe cutting end.



NSK | Satelec[®] MODEL G66D ORDER CODE Z217606

- Diamond coated



MODEL G67D

- Molar teeth, interdental caries removal.
The hemispherical top of the tip does not allow cutting on the adjacent tooth.



NSK | Satelec[®] MODEL G67D ORDER CODE Z217607

- Diamond coated



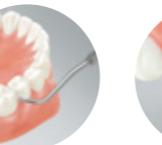
MODEL G68D

- Anterior interdental caries removal.
Cutting only one side without damaging adjacent tooth surface.



NSK | Satelec[®] MODEL G68D ORDER CODE Z217608

- Diamond coated





PROSTHETICS

PROSTHETICS

Condensation / Loosening / Plugging



MODEL G21

- Assistance for Adhesive dentistry.
- Cementing of small anterior indirect restorations, i.e. inlays, veneers.



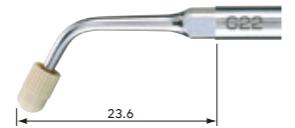
NSK | Satelec[®] MODEL G21 ORDER CODE Z217010

- For anterior teeth
- Water not required
- 3 caps supplied



MODEL G22

- Assistance for Adhesive dentistry.
- Cementing of small posterior indirect restorations, i.e. onlays, crowns.



NSK | Satelec[®] MODEL G22 ORDER CODE Z217020

- For anterior teeth
- Water not required
- 3 caps supplied

MODEL Tip Cap



MODEL Tip Cap ORDER CODE Y140751

- For G21 / G22
- Pack of 10

MODEL G26

- Post removal. (ø1.3 mm thickness)



NSK | Satelec[®] MODEL G26 ORDER CODE Z217206

- Water not required



MODEL G28

- Amalgam condensation.

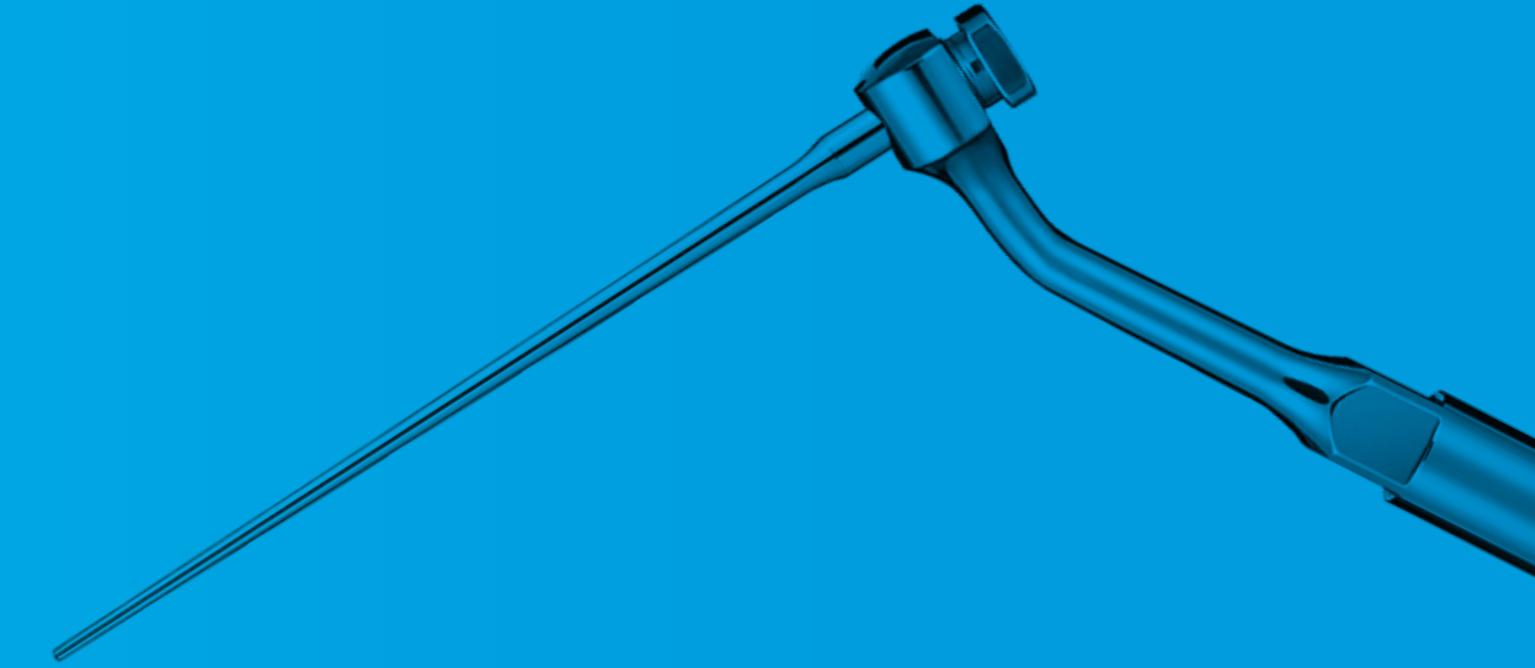


NSK | Satelec[®] MODEL G28 ORDER CODE Z217208

- Water not required



V-TIP SYSTEM



V-TIP SYSTEM

NSK Varios V-Tip holder system is innovative, multi-functional and economical.

The V-Tip holder is a separate component to the actual cutting tips and can be easily and inexpensively replaced.

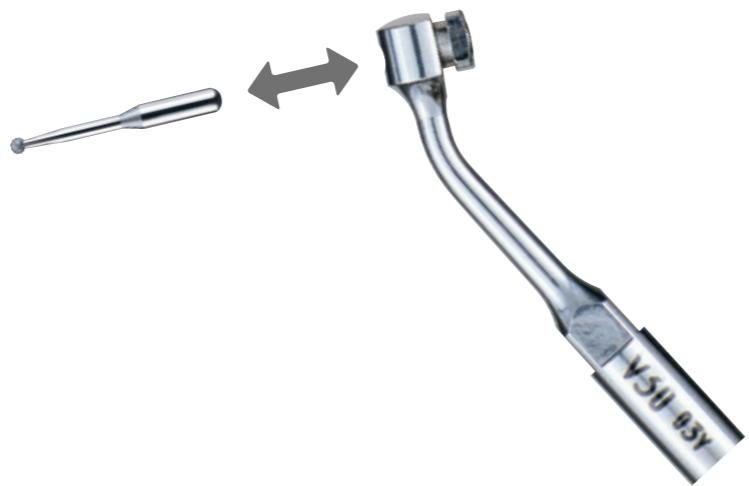
NSK V-Tip holder system offers the flexibility and expandability to meet the wide requirements for multi-purpose clinical applications.



3 Features

Safety

- Minimal damage to soft tissue
- Less risk of bleeding
- Cutting with ultrasonic instruments is minimally invasive



Economical

- One tip - Replaceable inserts
- Inserts are inexpensive

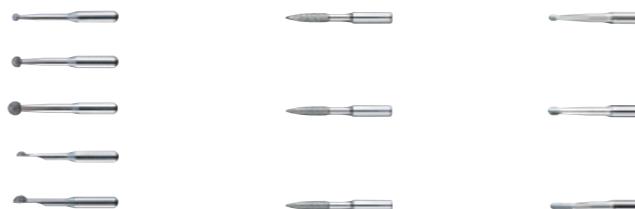
Ease of Use

- Small tip head guarantees good visibility
- Small head enables better access to distal sides of molar teeth and buccal area
- One tip meets the wide requirements of many clinical applications

V-TIP System Line Up

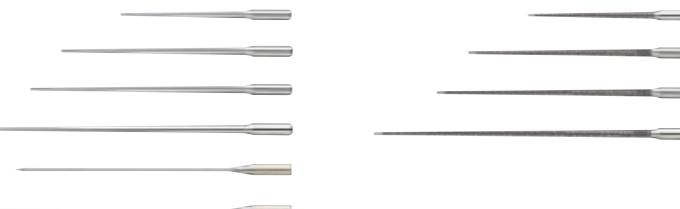
Restorative Pages 49~52

- For Minimal Intervention
- For Finishing / Trimming / Polishing
- For Caries Removal



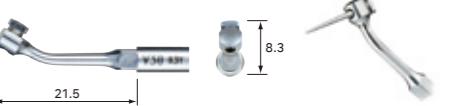
Endodontics Pages 47~48

- For Root Canal Cleaning
- For Root Canal Enlargement



NSK Satelec®

MODEL V30



ORDER CODE Z217030

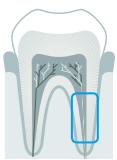
• Includes E Tip replacement wrench
*Tip is optional



V30

• 120°Angle type

V-TIP SYSTEM(Endodontics)



For Root Canal Cleaning

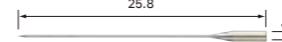
MODEL V-S50



ORDER CODE **Y900169**

* For root canal cleaning 17 mm • Pack of 3

MODEL V-N50



ORDER CODE **Y900182**

* Ni-Ti Irrigation 17 mm • Pack of 3

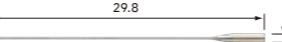
MODEL V-S51



ORDER CODE **Y900170**

* For root canal cleaning 23 mm • Pack of 3

MODEL V-N51



ORDER CODE **Y900183**

* Ni-Ti Irrigation 21 mm • Pack of 3

MODEL V-S52



ORDER CODE **Y900171**

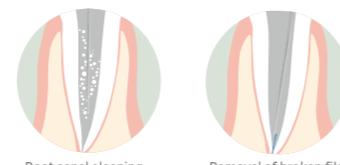
* For root canal cleaning 26 mm • Pack of 3

MODEL V-S53



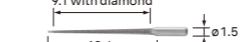
ORDER CODE **Y900172**

* For root canal cleaning 32 mm • Pack of 3



For Root Canal Enlargement

MODEL V-S50D



ORDER CODE **Y900173**

* Diamond coated • For root canal enlargement 17 mm • Pack of 3

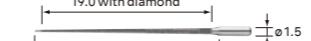
MODEL V-S51D



ORDER CODE **Y900174**

* Diamond coated • For root canal enlargement 23 mm • Pack of 3

MODEL V-S52D



ORDER CODE **Y900175**

* Diamond coated • For root canal enlargement 26 mm • Pack of 3

MODEL V-S53D



ORDER CODE **Y900176**

* Diamond coated • For root canal enlargement 32 mm • Pack of 3



*In order to reduce the incidence of ledge formation, there is no diamond coating on the end of the tip. (1mm)

V-TIP SYSTEM(Restorative)

The advantage of ultrasonic cutting is that tip movement is minute allowing only decayed dentine to be removed, while sound dentine is preserved. Cervical decay can be treated with minimum bleeding enabling quicker recovery.



For Minimal Intervention



ORDER CODE **Y900118**

• Diamond coated • Pack of 3



ORDER CODE **Y900119**

• Diamond coated • Pack of 3



ORDER CODE **Y900120**

• Diamond coated • Pack of 3



Cervical decay removal



Root decay removal

For Minimal Intervention



ORDER CODE **Y900121**

• Diamond coated • Pack of 3



ORDER CODE **Y900122**

• Diamond coated • Pack of 3



Contact surface of tooth decay removal

Root decay removal



V-TIP SYSTEM(Restorative)

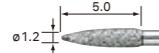
The NSK Varios V-Tip System has been developed to carry out "Minimally Invasive" dental procedures. As an alternative to rotary cutting, the Varios V-Tip offers precise and effective ultrasonic technology cutting.



For Finishing / Trimming / Polishing

MODEL V-G77

Normal grade



ORDER CODE **Y900165**

• Diamond coated • Pack of 3

MODEL V-G78

Fine grade

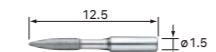


ORDER CODE **Y900166**

• Diamond coated • Pack of 3

MODEL V-G79

Super fine grade



ORDER CODE **Y900167**

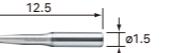
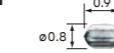
• Diamond coated • Pack of 3



Root canal enlargement

For Caries Removal

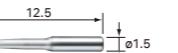
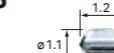
MODEL V-S1



ORDER CODE **Y900161**

• Stainless tip • Pack of 3

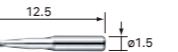
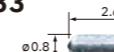
MODEL V-S3



ORDER CODE **Y900162**

• Stainless tip • Pack of 3

MODEL V-S33



ORDER CODE **Y900163**

• Stainless tip • Pack of 3

POWER GUIDE

TIP NO.	NSK	Satelec®	EMS®	
	Varios2 970/370	Varios 750/560/350	P-Max XS P5 XS	Piezon Master 600 (miniMaster)
SCALING				
G1	G 7	G 3	15	P 6
G2	G 7	G Max	15	P 6
G3	G 7	G 3	15	P 3
G4	G 5	G 3	15	P 3
G5	G 6	G 3	15	—
G6	G 8	G 1	15	P 6
G7	G 7	G 3	15	—
G8	G 5	G 1	15	—
G9	G 6	G 3	15	—
G11	G 6	G 3	15	—
G12	G 7	G 3	15	—
G13	G 6	G 3	15	—
G16	G 8	—	—	—
PERIO/MAINTENANCE				
P1	P 6	P 2	5	—
P1D	P 10	P 2	5	—
P2D	P 8	P 4	5	—
P3D	P 8	P 4	5	—

TIP NO.	NSK	Satelec®	EMS®	
	Varios2 970/370	Varios 750/560/350	P-Max XS P5 XS	Piezon Master 600 (miniMaster)
SCALING				
P10	P 10	P Max	5	—
P11R	P 10	P Max	5	—
P11L	P 10	P Max	5	—
P20	P 8	P 4	5	P 6
P21R	P 8	P 4	5	P 6
P21L	P 8	P 4	5	P 6
P25R	P 10	P 4	5	P 6
P25L	P 10	P 4	5	P 6
P26R	P 6	P 3	5	—
P26L	P 6	P 3	5	—
P40	P 3	P 1	5	—
P41	P 3	P 1	5	—
V-P10	P 6	P 3	5	—
V-P11R	P 6	P 3	5	—
V-P11L	P 6	P 3	5	—
V-P12	P 6	P 3	5	—
V-P26R	P 6	P 3	5	—
V-P26L	P 6	P 3	5	—
EXTRACTION				
G95	G 10	—	—	—

TIP NO.	NSK	Satelec®	EMS®	
	Varios2 970/370	Varios 750/560/350	P-Max XS P5 XS	Piezon Master 600 (miniMaster)
ENDODONTICS				
E4	E 6	E 3	5	—
E4D	E 7	E 3	5	—
E5	E 10	E 3	5	—
E6	E 10	E 4	5	—
E7	E 6	E Max	5	—
E7D	E 6	E Max	5	—
E8	E 2	E 4	5	—
E8D	E 2	E 4	5	—
E15D	E 6	E 3	5	—
E21	E 4	E 3	5	—
E22	E 4	E 3	5	—
E30RD	E 6	E 3	5	—
E31D	E 6	E 3	5	—
E32D	E 6	E 3	5	—
EXTRACTION				
G95	G 10	—	—	—

TIP NO.	NSK	Satelec®	EMS®	
	Varios2 970/370	Varios 750/560/350	P-Max XS P5 XS	Piezon Master 600 (miniMaster)
RESTORATIVE				
G61D	G 2	G 2	15	—
G62D	G 2	G 3	15	—
G65D	G 2	G 2	15	—
G66D	G 2	G 2	15	—
G67D	G 2	G 3	15	—
G68D	G 2	G 3	15	—
V-TIP (RESTORATIVE)				
V-G70	G 6	G 3	15	—
V-G71	G 6	G 3	15	—
V-G75	G 6	G 1	15	—
V-G76	G 6	G 3	15	—
V-G77	G 6	G 3	15	—
V-G78	G 6	G 3	15	—
PROSTHETICS				
G21	G 4	G 2	20	—
G22	G 4	G 2	20	—
G26	G 10	G Max	20	—
G28	G 10	G 2	20	—
V-TIP (ENDODONTICS)				
V-S50	E 5	E 3	10	—
V-S50D	E 5	E 3	10	—
V-S51	E 3	E 1	10	—
V-S51D	E 3	E 1	10	—
V-S33	G 6	E 3	15	—
V-S52	E 5	E 2	10	—

TIP NO.	NSK	Satelec®	EMS®	
	Varios2 970/370	Varios 750/560/350	P-Max XS P5 XS	Piezon Master 600 (miniMaster)
V-TIP (ENDODONTICS)				
V-S51	E 3	E 1	10	—
V-S51D	E 3	E 1	10	—
V-S33	G 6	E 3	15	—
V-S52	E 5	E 2	10	—

: Figures in the power guide indicate the appropriate power range and maximum power level for each tip. Do not exceed the maximum power level to avoid possible tip breakage.

Applicable power range for NSK Varios tips when used with NSK Varios and Varios2 ultrasonic scaler.

Varios2

POWER RANGE

ipiezo engine® Varios2



Varios

Power Range



<Caution>

- Always consult the operating manual and attached sheets before use.
- Always use with correct power mode and power range for each individual tip.
- Always use with sufficient irrigation to prevent excessive heat generation during treatment.
- Always start out with lower power setting and then adjust to higher setting if necessary.
- Always make sure that tips are securely tightened with the appropriate wrench and the power is set to and does not exceed the appropriate level before use.

*Incorrect operation may cause tip breakage even if tip is used within the recommended power range. Consult the operating manual before use.

The Varios Tip Card — Easy to use guide to assess tip wear

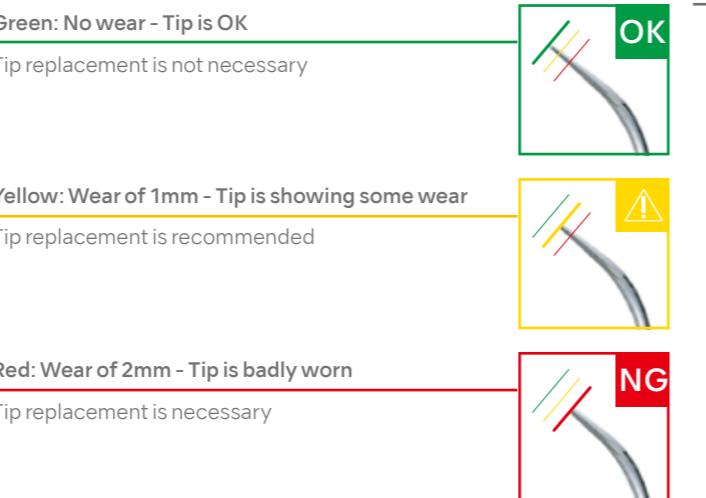
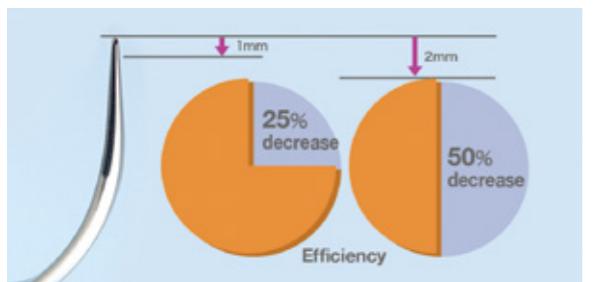
Ultrasonic scaler's tips wear through repeated use. Worn tips move differently to new tips and do not perform as effectively.
To check the condition of the tip, use the Varios Tip Card.

How to use the Varios Tip Card

1. Place the neck of the tip in the cut out.
2. Check wear of the tip.
3. See the green, yellow and red line to check wear of the tip

*See below what each color means.

At NSK we recommend to replace a tip when the tip meets **the yellow line (wear of 1mm)** to guarantee safe and effective use.



* The Tip Card can be used to check the following tips : G1, G4, G5, G6, G8, G9, G16, P1, P10, and P20

Tip Replacement Wrench with Torque Limiter

For tips G1- G68D, G95, P1- P41, E15D, E30RD, E30LD, E31D, E32D and V-tip replaceable insets.
*Please tighten the tip until it clicks.



E Tip Replacement Wrench

For V10 (V-tip holder), tips E4, E4D, E5, E6, E7, E7D, E8, E8D, E11, E12 and the inserts of V30 (V-tip holder).



The Varios Tip Videos

Please watch the videos about the Varios tip range at the below websites to experience the precision and quality that is synonymous with NSK.

Ultrasonic
scaler
Varios series



- Series description [Varios 970]
- Maintenance

Varios tip



- Tip description

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Specifications are subject to change without notice.