



*American Eagle*  
INSTRUMENTS®



**YOUNG**  
INNOVATIONS®



## Microsurgery

### Your benefits

- Matt surface, no disruptive light reflections
- Optimal control
- Precise handling
- Pleasant feel

Microsurgery.....4-6

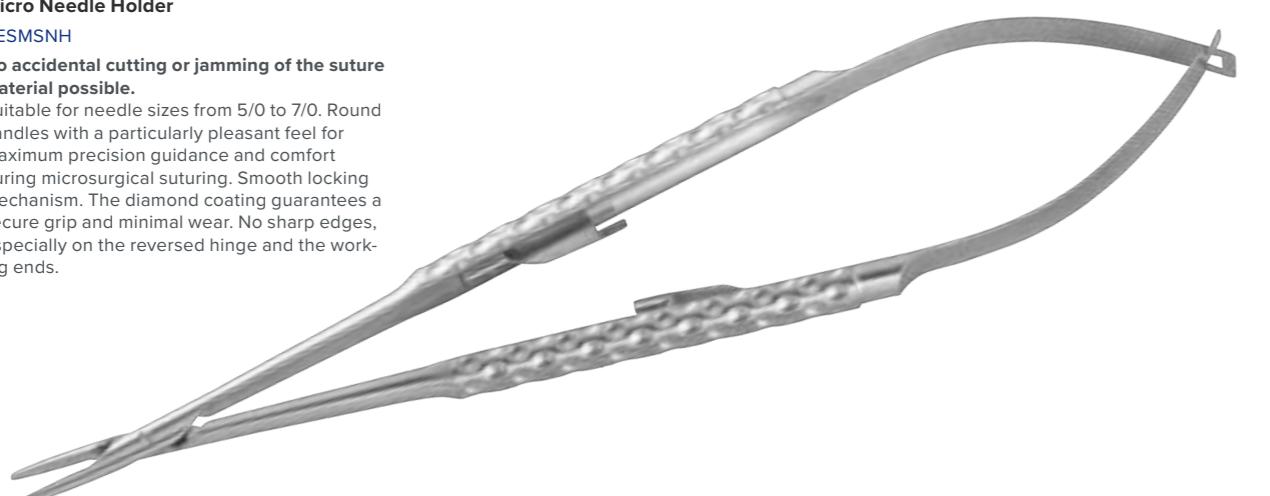
## Microsurgery

**Micro Needle Holder**

AESMSNH

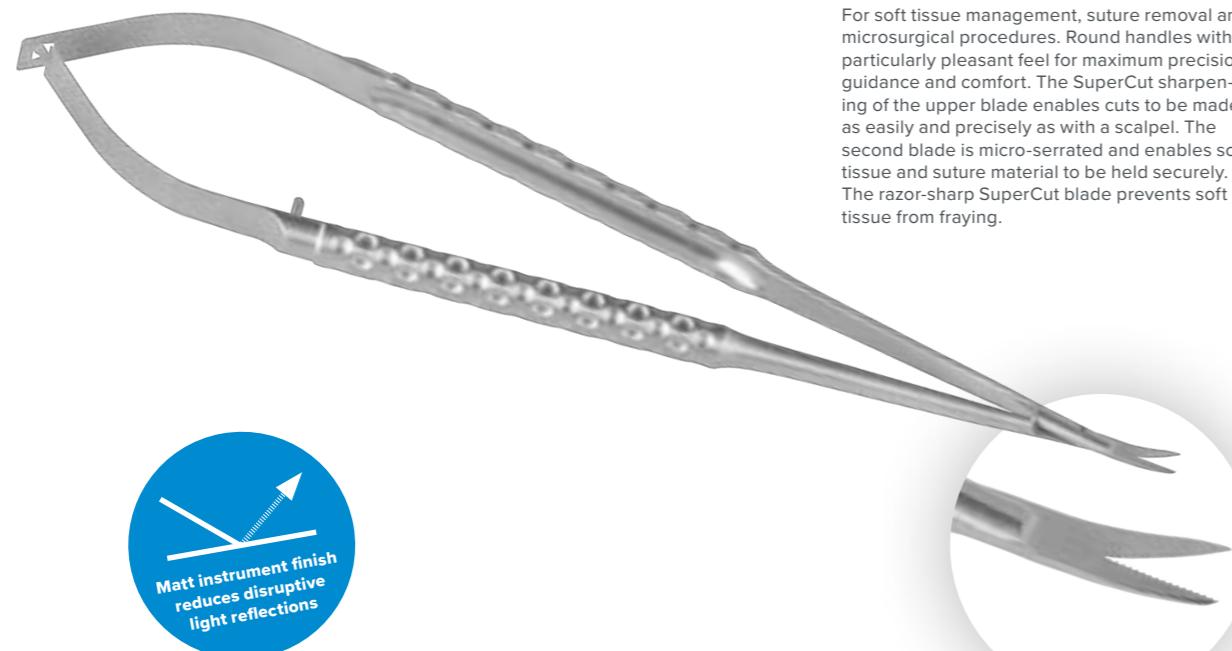
No accidental cutting or jamming of the suture material possible.

Suitable for needle sizes from 5/0 to 7/0. Round handles with a particularly pleasant feel for maximum precision guidance and comfort during microsurgical suturing. Smooth locking mechanism. The diamond coating guarantees a secure grip and minimal wear. No sharp edges, especially on the reversed hinge and the working ends.


**SuperCut Micro Scissors, Micro-Serrated**

AESMSSSM

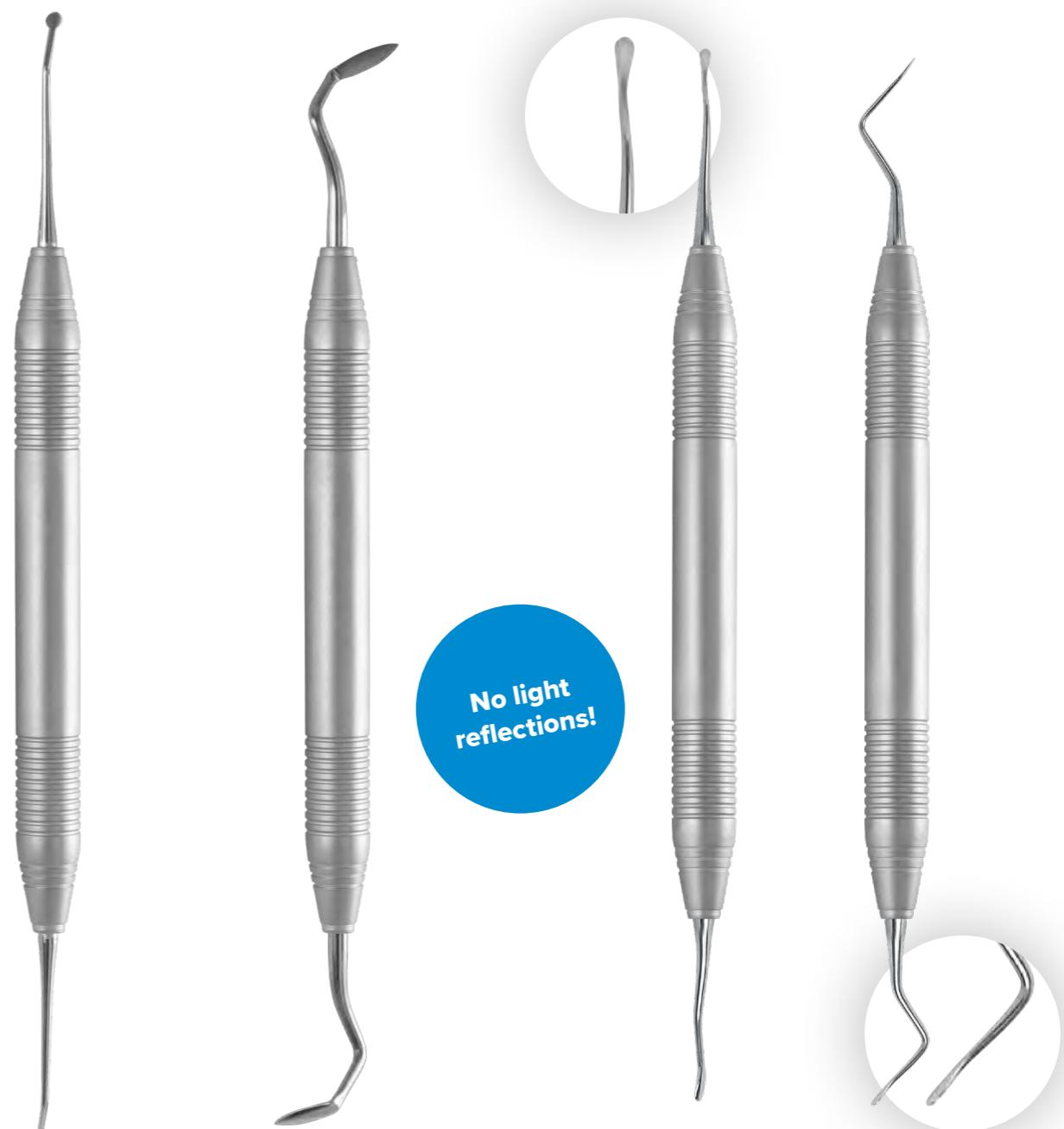
For soft tissue management, suture removal and microsurgical procedures. Round handles with a particularly pleasant feel for maximum precision guidance and comfort. The SuperCut sharpening of the upper blade enables cuts to be made as easily and precisely as with a scalpel. The second blade is micro-serrated and enables soft tissue and suture material to be held securely. The razor-sharp SuperCut blade prevents soft tissue from fraying.


**From cardiovascular surgery to dental microsurgery - precision that sets standards.**

Our focussed range, containing the most important dental microsurgical instruments, offers you particularly fine instruments for surgery asatraumatic as possible and protection of soft tissue.

Comfort for the practitioner, but also the well-being of the patient, were at the forefront of the range development. We therefore also pay attention to innovative functions and materials of the highest quality, such as diamond-coated jaws for a secure grip or super-cut micro scissors to minimise fraying of the soft tissue.

## Microsurgery



No light reflections!

**Papilla Elevator**

AESMSPE

Particularly delicate raspatory/elevator for mobilising the papilla – also highly suitable for initial mobilisation in other implantological/microsurgical procedures and in soft tissue management.

**Orban Periodontal Knife 1-2**

AESMSKO

Orban periodontal knife – the curved blades allow good access in posterior and interproximal areas.

**Tunnelling Instrument 1**

AESMST1

The two tunnelling instruments minimise the risk of perforation when creating a buccal split flap. The working ends are spoon-shaped and are angled to facilitate preparation in convex anatomical areas.

**Tunnelling Instrument 2**

AESMST2

The ergonomic handle offers maximum comfort and maximum control during power transmission and the matt surface reduces light reflections.

## Microsurgery



### Micro Blade Holder

AESMSSHM

Round handles with a particularly pleasant feel for maximum precision and comfort during dental microsurgical procedures and soft tissue management. The round handle is easy to readjust for a wide variety of cuts.

### Microsurgical Tweezers

AESMSSTT

Microsurgical forceps with 1x2 serrations for grasping and manipulating soft tissue as well as a precise grip during suturing.

### Cooley Atraumatic Micro Tweezers

AESMSTCO

Round handles with a particularly pleasant feel for maximum precision and comfort during dental microsurgical procedures and soft tissue management. The special serration of the tweezers' beak distributes the pressure over a large area therefore holding soft tissue securely and gently.

### Micro Suture Tweezers

AESMSSTD

Precisely crafted for a secure grip. No sharp edges – accidental cutting of the suture material is prevented. For maximum precision guidance and comfort during microsurgical suturing.

The round handles of the microsurgical tweezers and the micro needle holder offer a pleasant touch for maximum precise guidance and comfort.



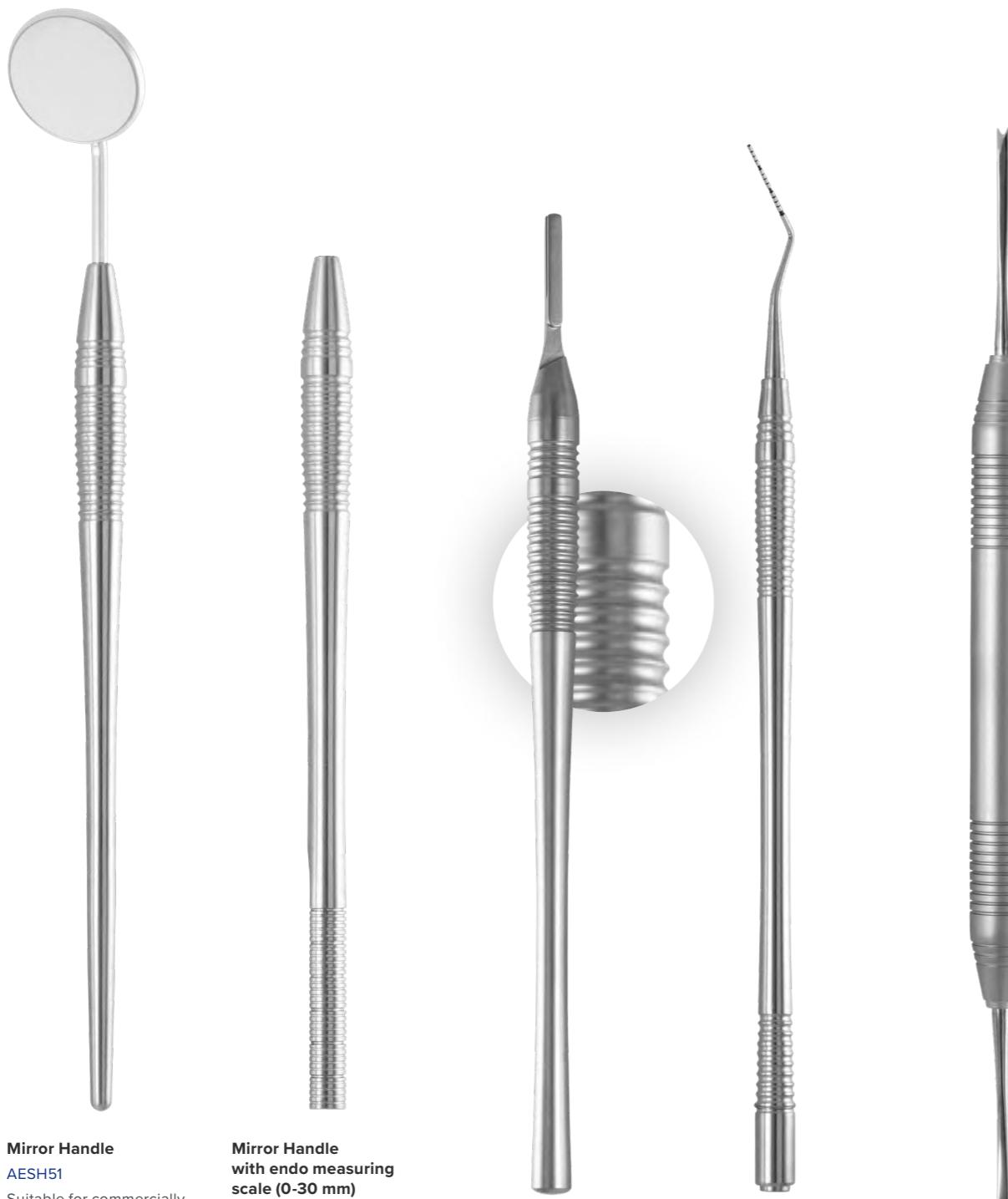
## Surgical Instruments

Your benefits

- High-quality materials
- Optimised matt instrument surface
- Ergonomic handles
- Made in Germany

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## Diagnostic

**Mirror Handle****AESH51**

Suitable for commercially available dental mirrors with a metric thread (European thread).

(Does not include mirror)

**Mirror Handle with endo measuring scale (0-30 mm)****AESH51E**

The ergonomically shaped mirror handle is suitable for commercially available dental mirrors with a metric thread (European thread). With an easy-to-read endodontic measuring scale from 0 to 30 mm on the opposite end of the handle.

**Scalpel Blade Handle****AESSH5**

The ergonomic round handle offers maximum comfort for a wide variety of incisions and is easy to readjust. The easy-to-clean grooves in the handle design ensure a secure grip and a maximum transfer of force. The matt handle surface reduces irritating light reflections.

**UNC 15 Periodontal Probe****AESPUNC15**

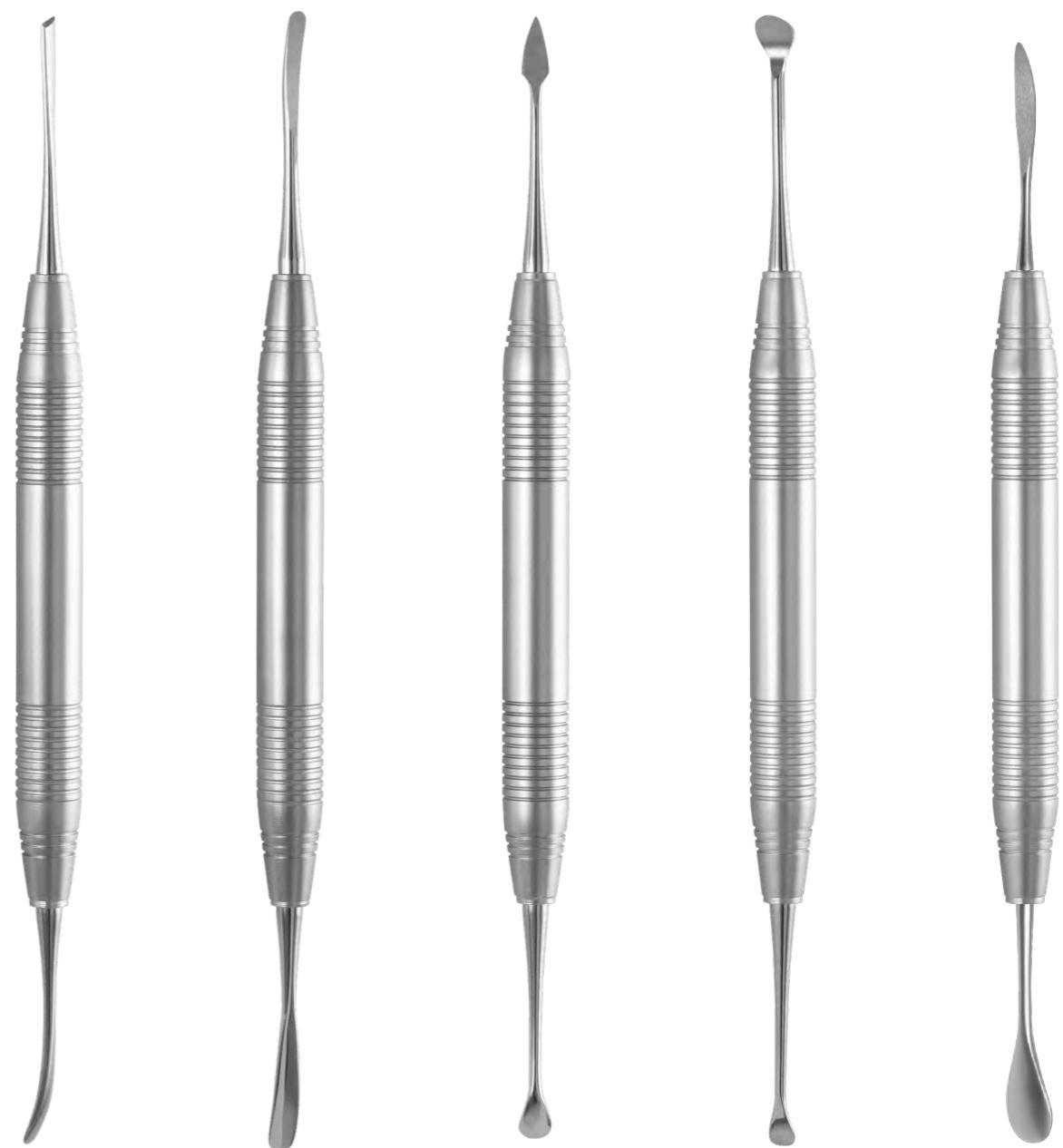
University of North Carolina 1-15 mm, 1 mm scale increments

Suitable for simple measurements/assessments, such as implant spacing, crown lengths, bone thicknesses, etc.

**Luniatschek Gauze Packer****AESGP**

For the easy placement of gauze strips/tamponades. The matt handle surface reduces irritating light reflections.

Ergonomic round handles for direct and controlled power transmission.

**Periosteal Glickmann 24 GSP****AESPGSP**

The Glickman elevator consists of a thin, sharp rasp on one side and a sharp, triangular blade (working end) on the other. The slim rasp is used to separate the flap in the marginal area. The triangular working end is ideal for dissecting the papillae.

**Periosteal Goldman Fox 14****AESPFGF14**

The Goldman-Fox elevator is double-ended with a sharp, thin rasp on one side and a sharp, wider rasp on the other. It is used to elevate, reflect and retract the mucoperiosteal flap. The dissection of the mucoperiosteal flap is continued with the round working end of the elevator, which allows the flap to be dissected without damaging the tissue. Used for elevating, reflecting and retracting the mucoperiosteal flap after gingival incisions.

**Periosteal Buser****AESPB**

The Buser elevator is double-ended with two differently sized, spoon-shaped, sharp working ends for elevating, reflecting and retracting the mucoperiosteal flap after gingival incisions.

**Periosteal Molt 10****AESPM**

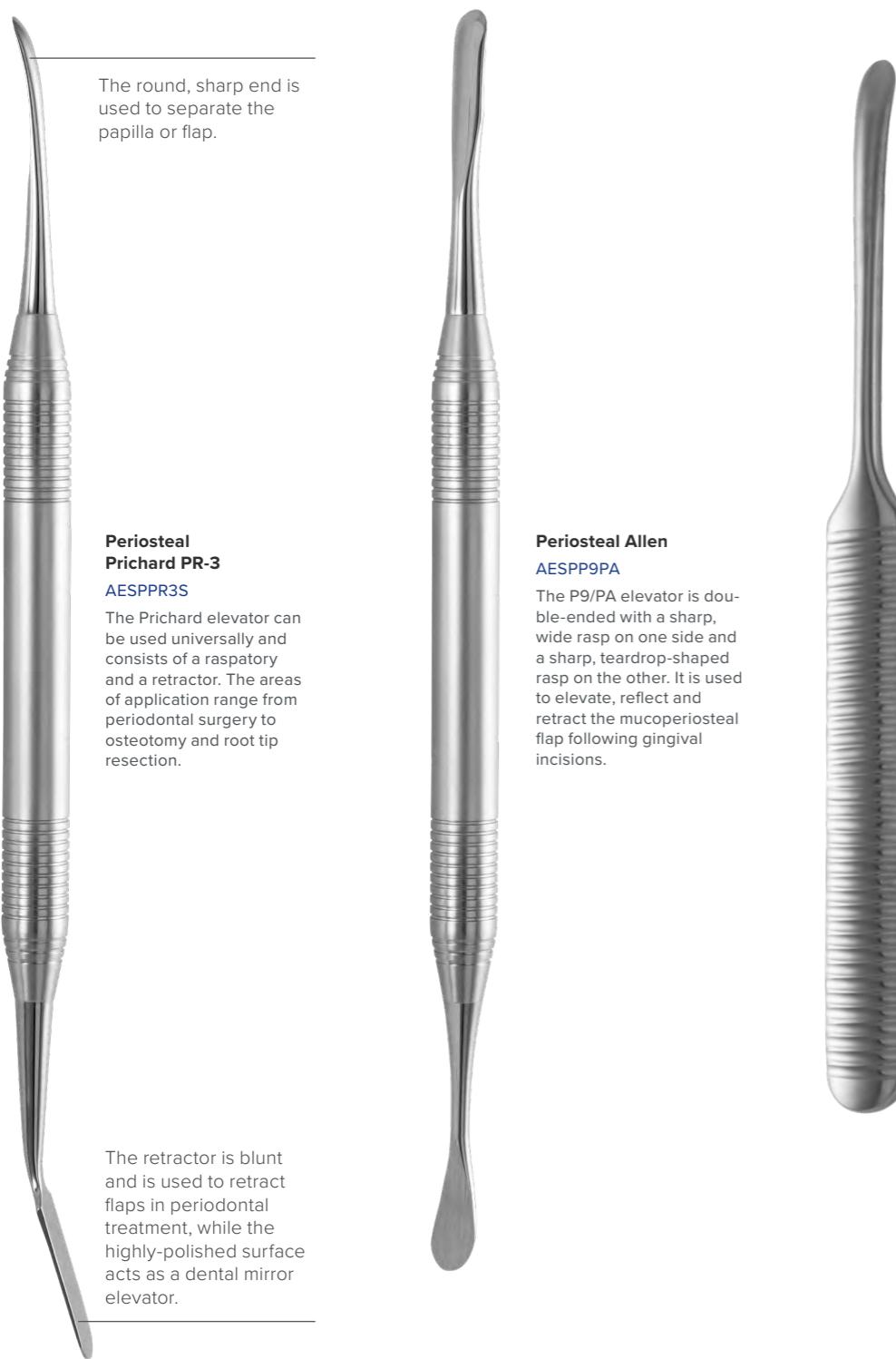
The Molt elevator is double-ended with two differently sized, spoon-shaped, sharp working ends for elevating, reflecting and retracting the mucoperiosteal flap after gingival incisions.

**Periosteal Molt 9****AESPM9**

Tapered end for gentle detachment of the periosteum and wider, slightly rounded side for more effective tissue preparation and retraction.

## Perosteals

## Periosteals



The round, sharp end is used to separate the papilla or flap.

**Periosteal  
Prichard PR-3**  
AESPR3S

The Prichard elevator can be used universally and consists of a raspator and a retractor. The areas of application range from periodontal surgery to osteotomy and root tip resection.

**Periosteal Allen**  
AESPP9PA

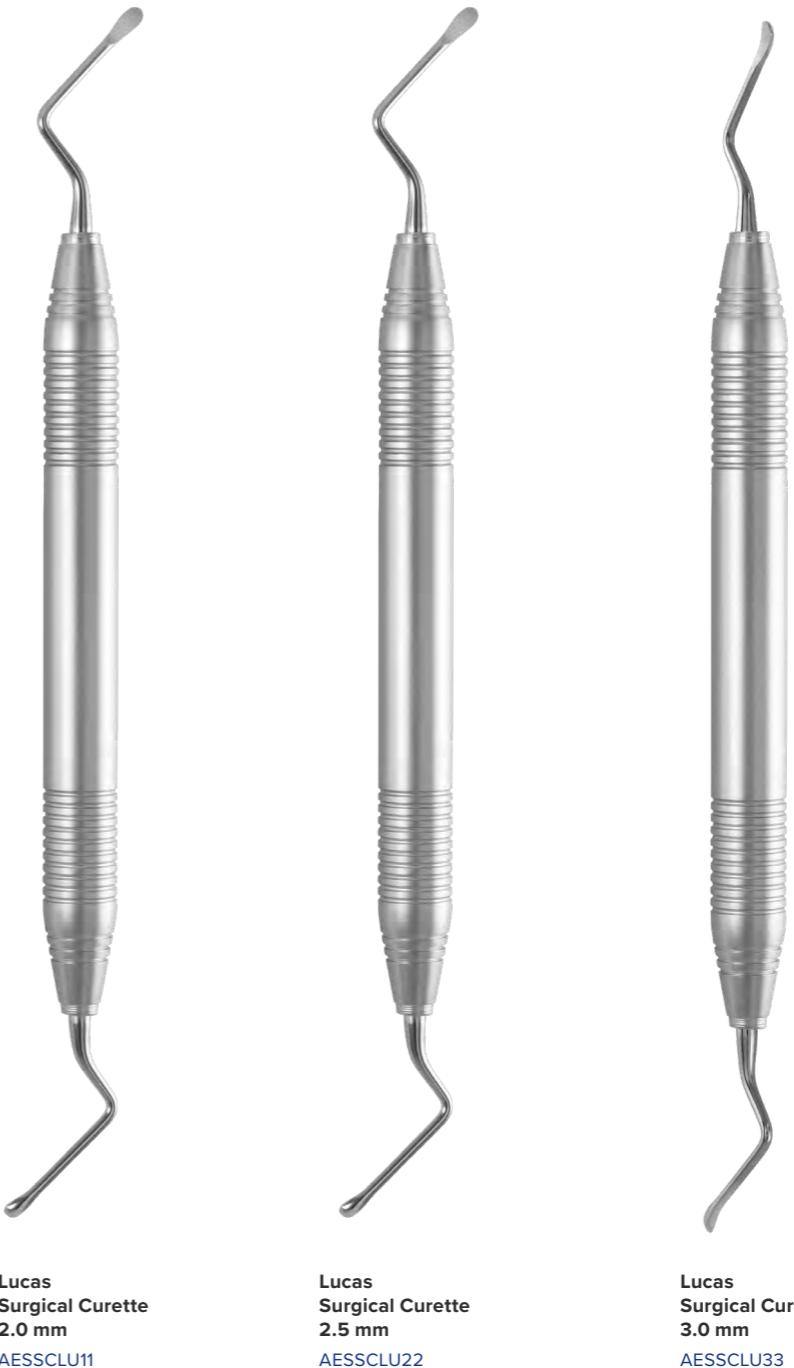
The P9/PA elevator is double-ended with a sharp, wide rasp on one side and a sharp, teardrop-shaped rasp on the other. It is used to elevate, reflect and retract the mucoperiosteal flap following gingival incisions.

**Elevator Williger**  
AESPW106

160x6 mm

The Williger elevator is single-ended with a thin, curved and very long sharp working end. The elevator has a flat, slightly ribbed handle that enables excellent control and positioning of the blade during treatment.

## Lucas Curettes



**Lucas  
Surgical Curette  
2.0 mm**  
AESCLU11

**Lucas  
Surgical Curette  
2.5 mm**  
AESCLU22

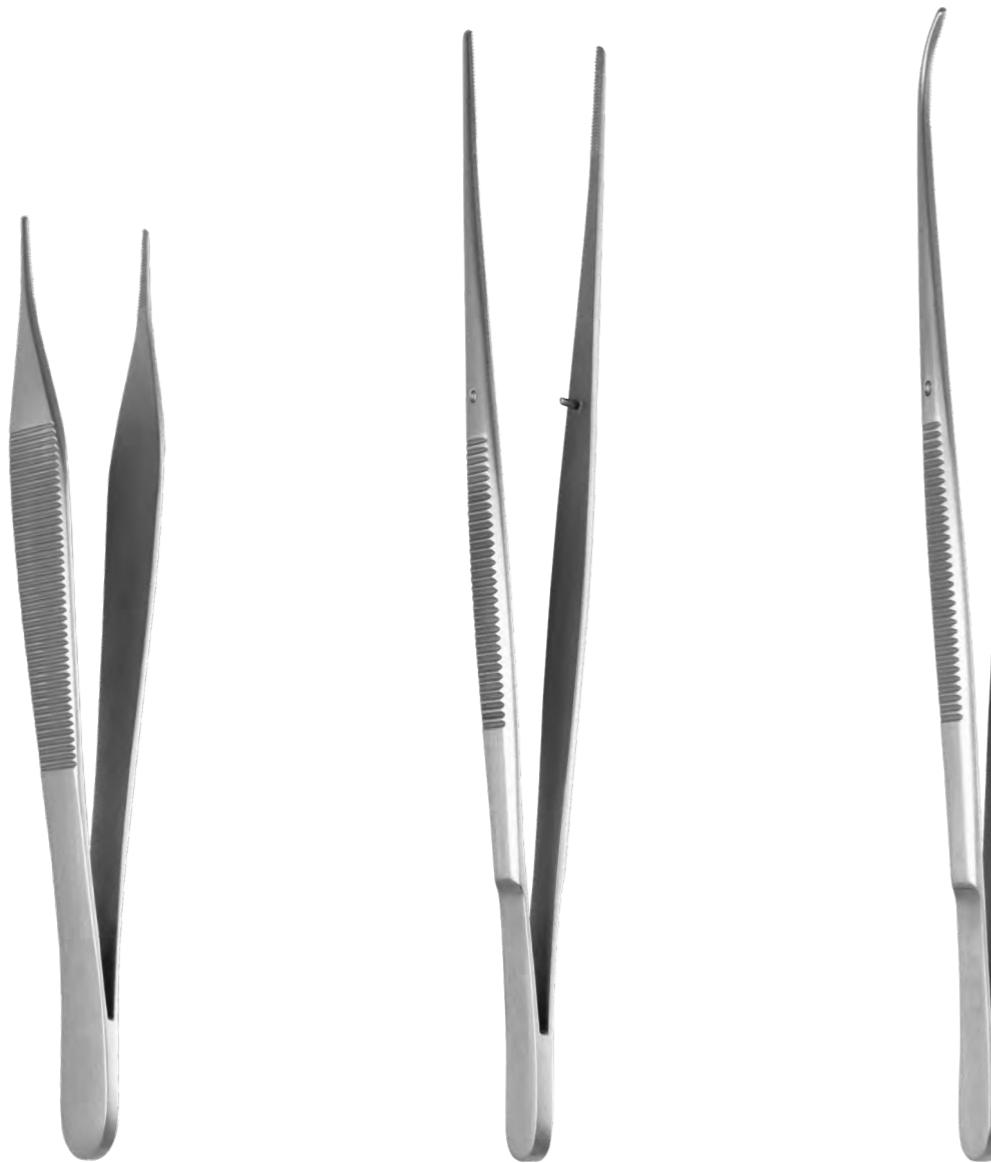
**Lucas  
Surgical Curette  
3.0 mm**  
AESCLU33

When selecting the Periosteal Elevators various clinical requirements were considered, for example the preparation of the mucoperiosteal flap, initial incision and papillae elevation. The cutting working ends are made of specially hardened surgical steel for durability and are available in various combinations. The easy-to-clean grooves of the handle ensure a secure hold and maximum power transmission. The matt handle surface reduces disruptive light reflections.

The Lucas curette, also known as the Lucas scraper, stands out for its precise working ends. These were designed for bone curettage, post-extraction socket debridement and cyst removal. The ergonomic handle allows for maximum comfort and maximum control of the transfer of force.

## Tweezers (anatomical)

Depending on the application and special functional adaptations, a distinction is made between 3 different categories of tweezers: anatomical, surgical and atraumatic tissue tweezers.



### Adson Anatomical Tissue Tweezers

**AESSTADS**

straight, 12 cm

Anatomical tweezers, also known as "thumb forceps". For grasping and manipulating soft tissue, as well as a precise grip during suturing. The non-serrated working ends reduce tissue trauma.

### Semken Anatomical Tissue Tweezers

**AESSTSEMS**

straight, 15 cm

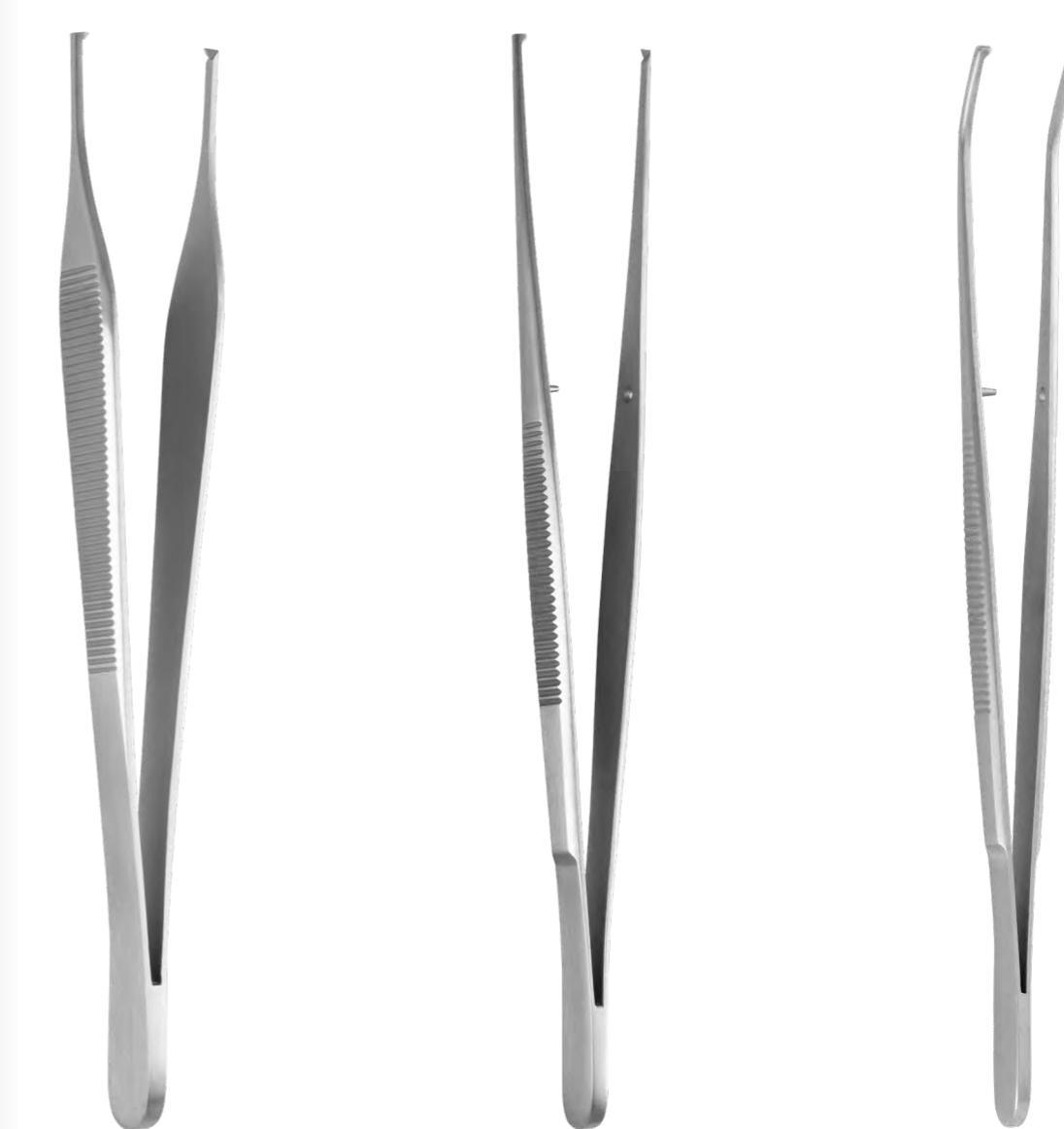
Anatomical tweezers for grasping and manipulating soft tissue as well as a precise grip during suturing. The non-serrated working ends reduce tissue trauma.

### Semken Anatomical Tissue Tweezers

**AESSTSEMC**

curved, 15 cm

Anatomical tweezers for grasping and manipulating soft tissue as well as a precise grip during suturing. The non-serrated working ends reduce tissue trauma. Slightly angled for better access to hard-to-reach places.



### Adson Surgical Tissue Tweezers

**AESSTADTS**

1x2 serrated, 1.2 mm, 15 cm

Also known as "thumb tweezers"

### Semken Surgical Tissue Tweezers

**AESSTSEMTS**

1x2 serrated, straight, 15 cm

### Semken Surgical Tissue Tweezers

**AESSTSEMTC**

1x2 serrated, curved, 15 cm

Slightly angled for better access to hard-to-reach places.

Anatomical tissue tweezers are used in dentistry for atraumatic fixation and manipulation of soft tissue. Their grooved tips ensure a secure hold without damaging or crushing the tissue.

Surgical tissue tweezers are precise instruments for the safe handling of tissue, suture material or small structures during dental surgery. Their ergonomic design enables controlled application.

## Tweezers (atraumatic)

**London College Tweezers**

AESCT10

Smooth Handle

London College multi-purpose tweezers. With guide pin. Particularly easy to clean and sterilise. Suitable for a wide variety of procedures.

**London College Tweezers**

AESCT5

Serrated Handle

London College multi-purpose tweezers with serrated handle. With guide pin for maximum hold and for a secure grip. Suitable for a wide variety of procedures.

**Anatomical Tweezers**

AESSTS

narrow, straight, 14.5 cm

Multi-purpose tweezers for a wide range of procedures, such as holding soft tissue and placing and manipulating tissue, tamponades, membranes, etc.

**DeBakey Anatomical Tweezers**

AESSTDTS

1.5 mm, straight, 15 cm

Atraumatic Tweezers: The special serrations of the tweezers' beak distribute the pressure over a large area thus holding soft tissue securely and gently.

**Korn Suture Tweezers**

AESSTCP

1.3 mm, angled, 15.5 cm

For a secure stabilization of the tissue flap during suturing.



## Tweezers

Atraumatic tissue forceps such as De Bakey - are specially developed surgical instruments used in dentistry and oral surgery to gently grip, hold or mobilise soft tissue without crushing or damaging it. They are gentle on sensitive soft tissue and therefore promote faster wound healing.

## Haemostatic Forceps



**Halsted-Mosquito Haemostatic Forceps**

AESCHMS

straight, 14 cm

Halsted-Mosquito haemostatic forceps are suitable for clamping small blood vessels. The vessel is protected from injury by the precise and fine cross grooves.



**Halsted-Mosquito Haemostatic Forceps**

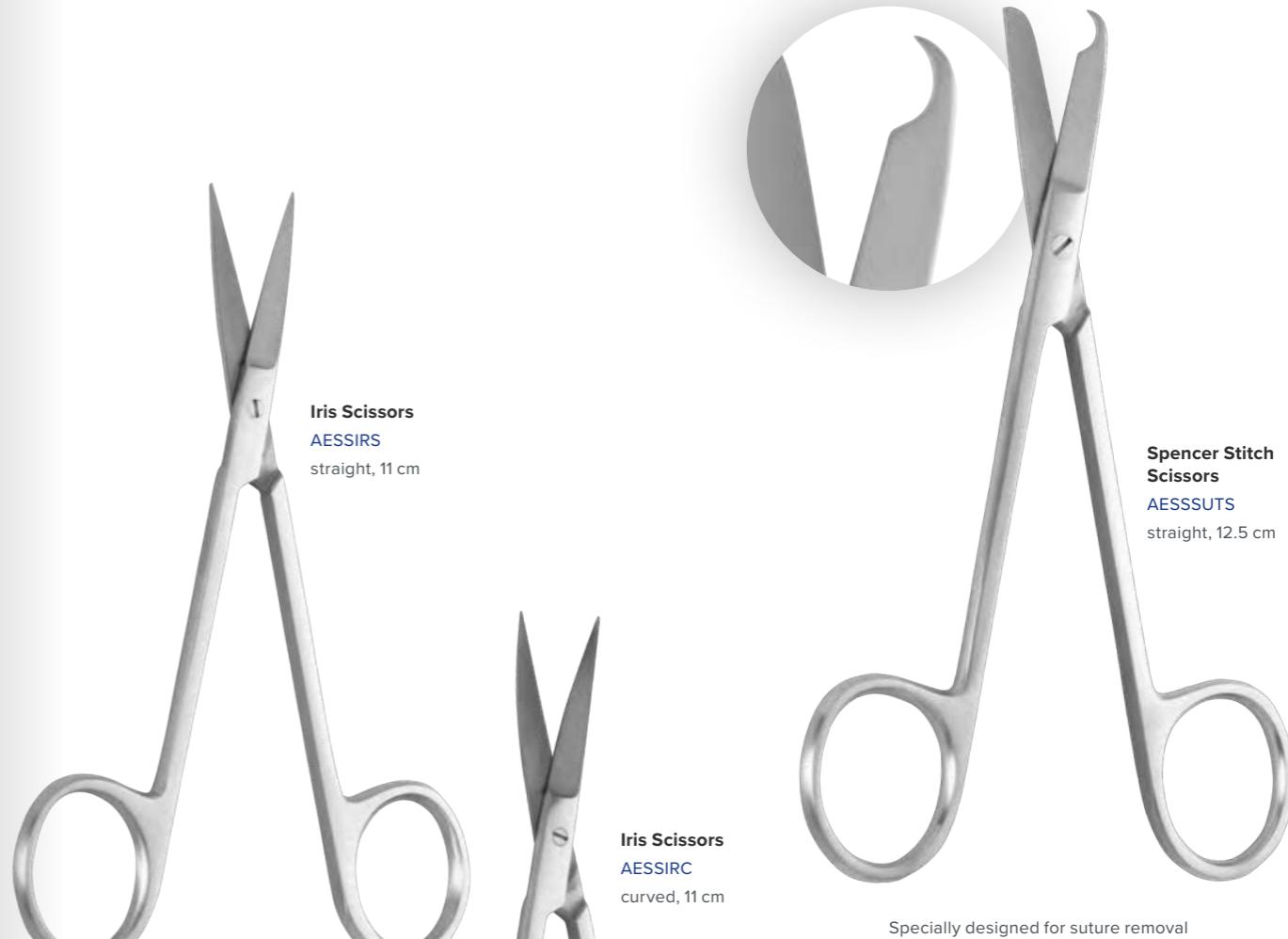
AESCMMS

straight, 12 cm

Micro Mosquito haemostatic forceps are suitable for clamping small blood vessels. The vessel is protected from injury by the precise and fine cross grooves. The shortened ends give the user maximum control, especially during very small/delicate dental surgical procedures.

The finely crafted clamps have a particularly precise instrument closure. This ensures that the fine serrations on the working ends close properly to stop bleeding and minimise tissue trauma.

## Scissors



**Iris Scissors**

AESSIRS

straight, 11 cm

**Iris Scissors**

AESSIRC

curved, 11 cm

Iris scissors have particularly fine blades that enable precise incisions over the cutting surface

Specially designed for suture removal as one of the blades has a small hook to securely hold sutures in place before cutting. The short blade enables precise and efficient cutting.

Our maximum precision scissors are manufactured to the highest level of surgical craftsmanship. Due to the careful hand finish and the slightly flexible bearing of the joint, American Eagle scissors deliver precise incisions over the cutting surface along the length of the blade.

## SuperCut Scissors



## SuperCut Scissors



**SuperCut Scissors:** The special finish of the blades enables cuts that are as fine, clean and precise as with a scalpel. The opposite blade is micro-serrated and supports the secure hold of soft tissue and suture material. The razor-sharp SuperCut blade does not fray soft tissue and enables precise contouring.

ADVICE: Always clean and sterilise scissors whilst open.

## Needle Holders



Modern surgical needles are particularly hard which places increased demands on the resilience of the instruments. American Eagle needle holders are reinforced with Tungsten Carbide inserts. This sintered material shows only minimal wear and tear and withstands all common types of reprocessing.

The inserts are finely serrated to correctly and precisely align and securely hold/fix the needles.



Needle Holders with **TC** Tungsten-Carbide inserts are recognisable by their golden handles.

No sharp edges: especially on the hinge and on the sides. The thread can slide unhindered over the instrument - this reliably prevents the risk of accidental detachment during the suture itself or when knotting.

## Needle Holders

**Needle Holder****Crile Wood TC**

AESNCWTC

Needle sizes: 4/0-6/0  
15 cm**Swedish Needle Holder****Mikro TC**

AESNHSWE

Needle sizes: 5/0-6/0  
15 cm**Needle Holder****Makro TC**

AESNHMACS

Needle sizes: 3/0-5/0  
18 cmEspecially smooth locking  
mechanism.**Needle Holder**  
**Castroviejo Micro TC**

AESNHBA

Needle sizes: 5/0-7/0  
18 cmEspecially smooth locking  
mechanism.

Round handle  
for maximum  
precise  
guidance and  
control

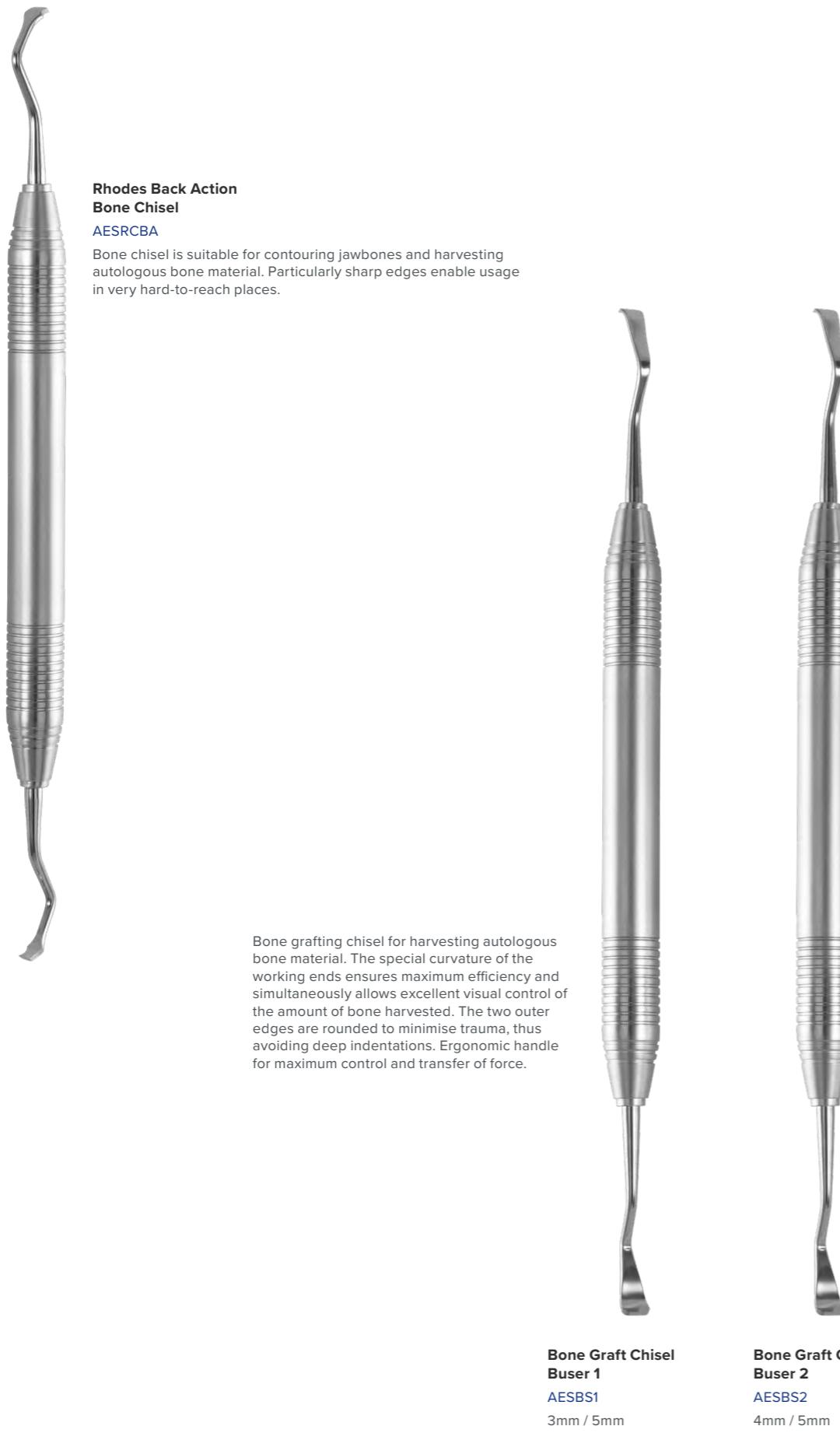
**Needle Holder**  
**Micro TC**

AESNHBAC

Needle sizes: 5/0-7/0  
18 cm, curved for better  
posterior access.Especially smooth locking  
mechanism.

## Needle Holders

## Bone Chisel

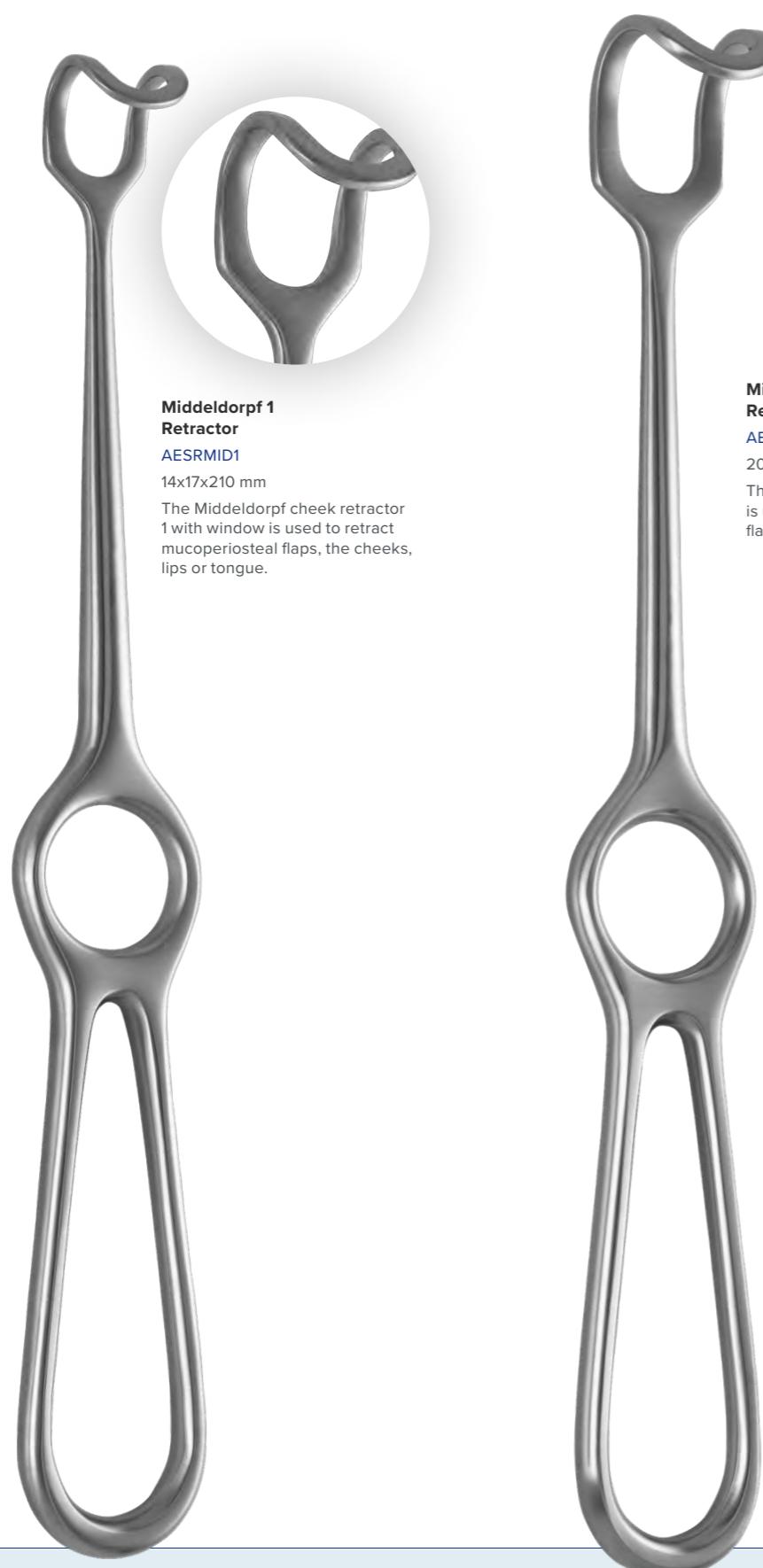


## Bone Rongeur Forceps



Fine, precise cutting edges enable the rongeurs to be used precisely and smoothly. A standard version as well as a particularly fine variant are available depending on the clinical indication. For example, bones can be contoured, but fine bone chips can also be carved out of a block.

## Retractors



**Middeldorf 1  
Retractor**

**AESRMID1**

14x17x210 mm

The Middeldorf cheek retractor 1 with window is used to retract mucoperiosteal flaps, the cheeks, lips or tongue.

**Middeldorf 2  
Retractor**

**AESRMID2**

20x22x210 mm

The Middeldorf cheek retractor 2 is used to retract mucoperiosteal flaps, the cheeks, lips or tongue.

## Retractors



**Langenbeck 1  
Retractor/  
Cheek Retractor**

**AESRLAN1**

30x16x210 mm

**Langenbeck 2  
Retractor/  
Cheek Retractor**

**AESRLAN2**

40x11x210 mm

**Langenbeck 3  
Retractor/  
Cheek Retractor**

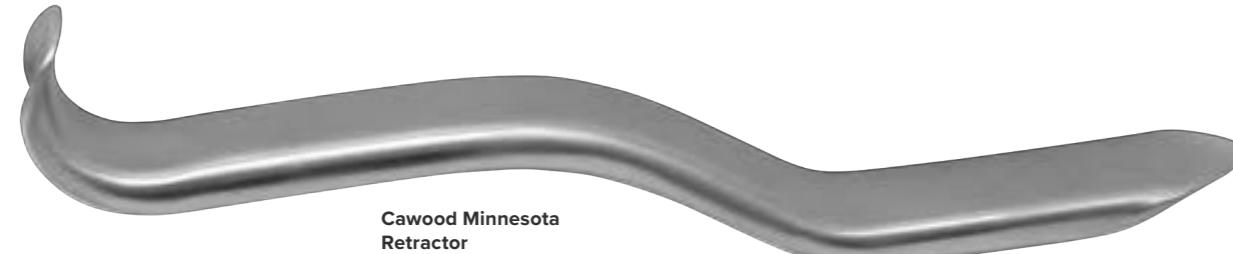
**AESRLAN3**

50x11x210 mm

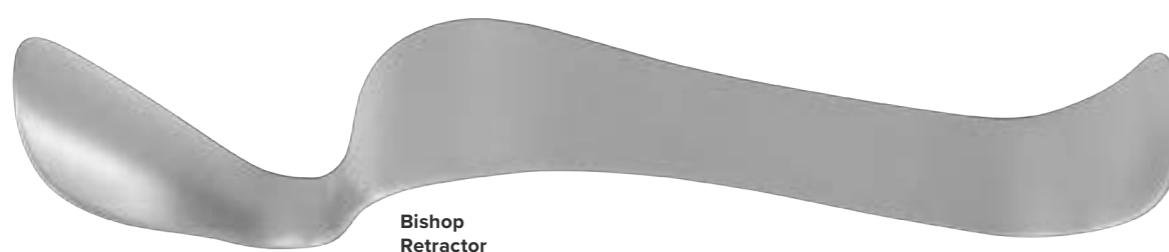
American Eagle retractors are made of surgical steel for optimal cleaning and preparation. The models with a retaining ring have been specially modified for processing in the appropriate American Eagle surgical cassettes. These can be processed together with the other instruments in the closed cassette.

The Langenbeck retractor/cheek retractor is used to retract mucoperiosteal flaps, the cheeks, lips or tongue.

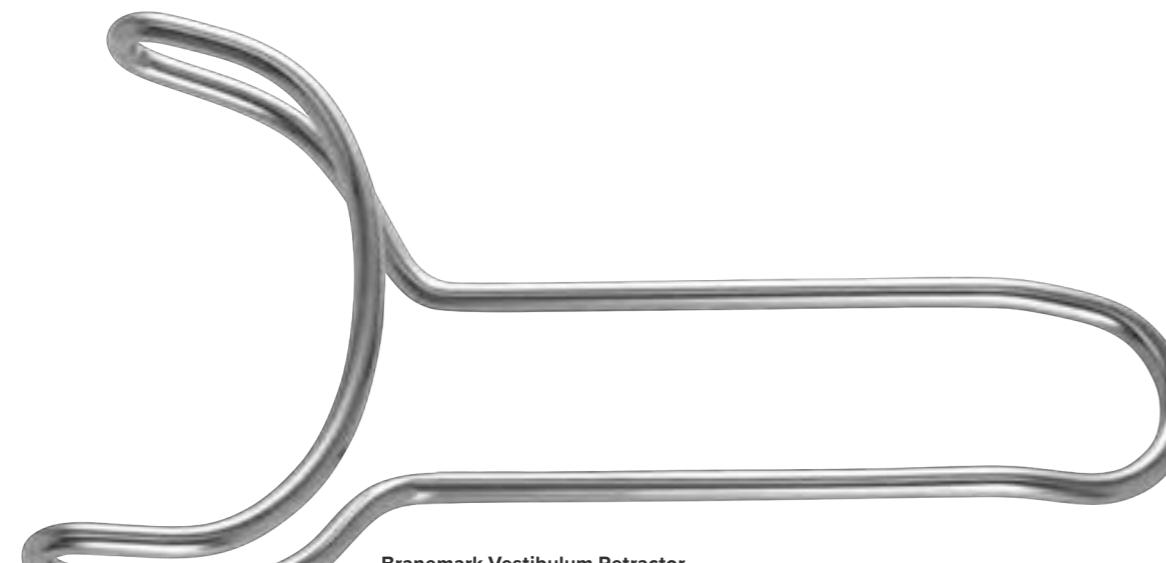
## Retractors

**Cawood Minnesota****Retractor****AESRCW**

The Cawood Minnesota retractor was specially designed to meet a variety of needs in dental surgery: for retracting mucoperiosteal flaps, the cheeks, lips or tongue.

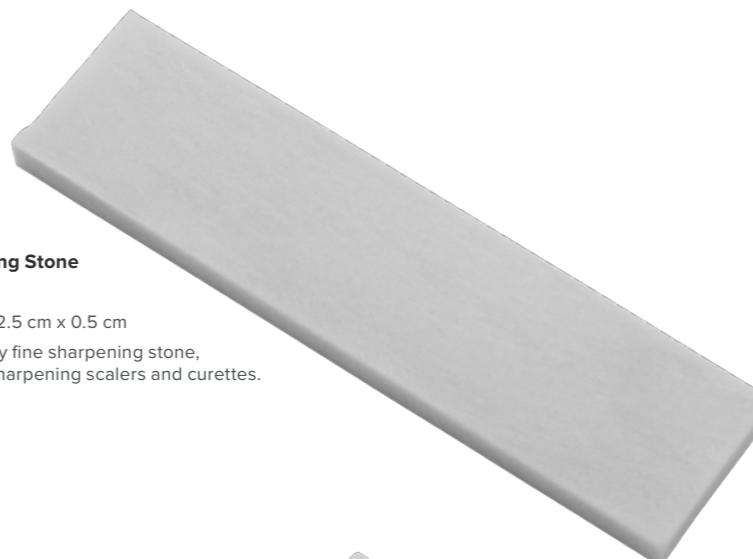
**Bishop****Retractor****AESRB**

The Bishop retractor was specially designed to meet a wide range of requirements in dental surgery and optimally follows the oral anatomy- for retracting mucoperiosteal flaps, the cheeks, lips or tongue.

**Branemark Vestibulum Retractor****AESRVES**

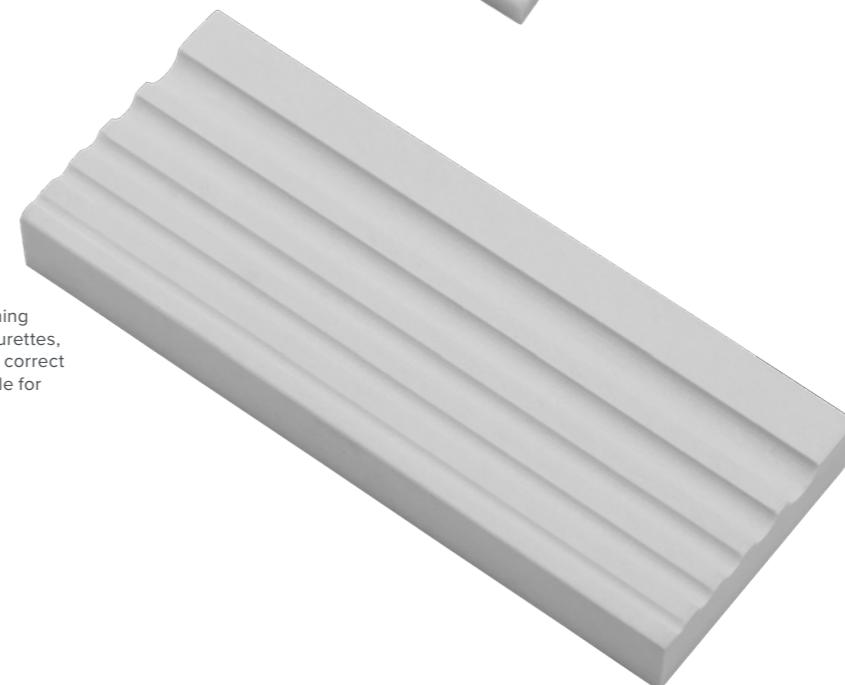
The Branemark retractor, also known as an implant retractor, ensures that the surgical area is easily accessible and clear.

## Sharpening Materials

**Arkansas Sharpening Stone****AESSSTN**

10.2 cm x 2.5 cm x 0.5 cm

Particularly fine sharpening stone, ideal for sharpening scalers and curettes.

**Arkansas Sharpening Stone, surgical****AESSSURG**

10.1 cm x 4 cm x 1.2 cm

Particularly fine sharpening stone, ideal for sharpening surgical instruments such as root elevators, bone curettes, bone chisels, etc. The incorporated radii assist with correct execution. The especially fine groove is very suitable for re-sharpening the rounding of curettes.

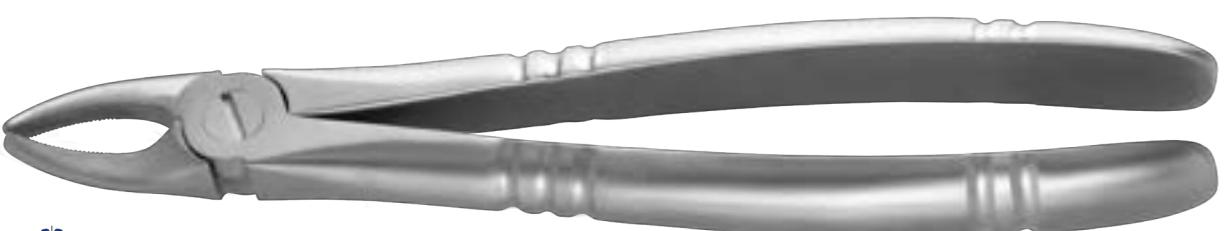
**Arkansas Sharpening Stone, conical****AESSTNC**

10 cm x 0.9 cm

Particularly fine, conical sharpening stone – for finishing the facial surfaces of scalers and curettes, but also suitable for surgical instruments.

Natural Arkansas stone is characterised by its particularly low abrasiveness and, therefore, little material removal from the instrument. It should always be used together with suitable sharpening oil.

## Extraction Forceps



**Extraction Forceps #2**  
AESEFCUI  
Upper Incisors and Canines



**Extraction Forceps #17**  
AESEFCURM  
Upper Right Molars



**Extraction Forceps #51A**  
AESEFCUR  
Upper Roots



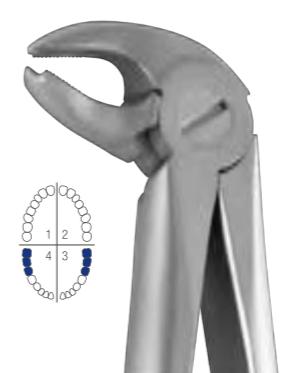
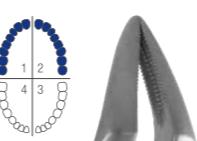
**Extraction Forceps #18**  
AESEFCULM  
Upper Left Molars



**Extraction Forceps #67A**  
AESEFCU3M  
Upper Wisdom Teeth



**Extraction Forceps #7**  
AESEFCUP  
Upper Premolars



**Extraction Forceps #22**  
AESEFCLM  
Lower Molars



**Extraction Forceps #33**  
AESEFCLR  
Lower Roots

**Extraction Forceps #13**  
AESEFCLI  
Lower Incisors, Canines and  
Premolars



## Extraction Forceps



**Extraction Forceps #79**  
AESEFCL3M  
Lower Wisdom Teeth

Also available as kit,  
including all 10  
Extraction Forceps:

**Extraction Forceps Set**  
AESEFCU3M  
10 Extraction Forceps  
for all quadrants



## Deep Grip Extraction Forceps



**Deep Grip Extraction Forceps**  
AESEFUI  
Upper Incisors

**Deep Grip Extraction Forceps**  
AESEFUC  
Upper Premolars

**Deep Grip Extraction Forceps**  
AESEFUM  
Upper Molars and  
Wisdom Teeth



## Deep Grip Extraction Forceps



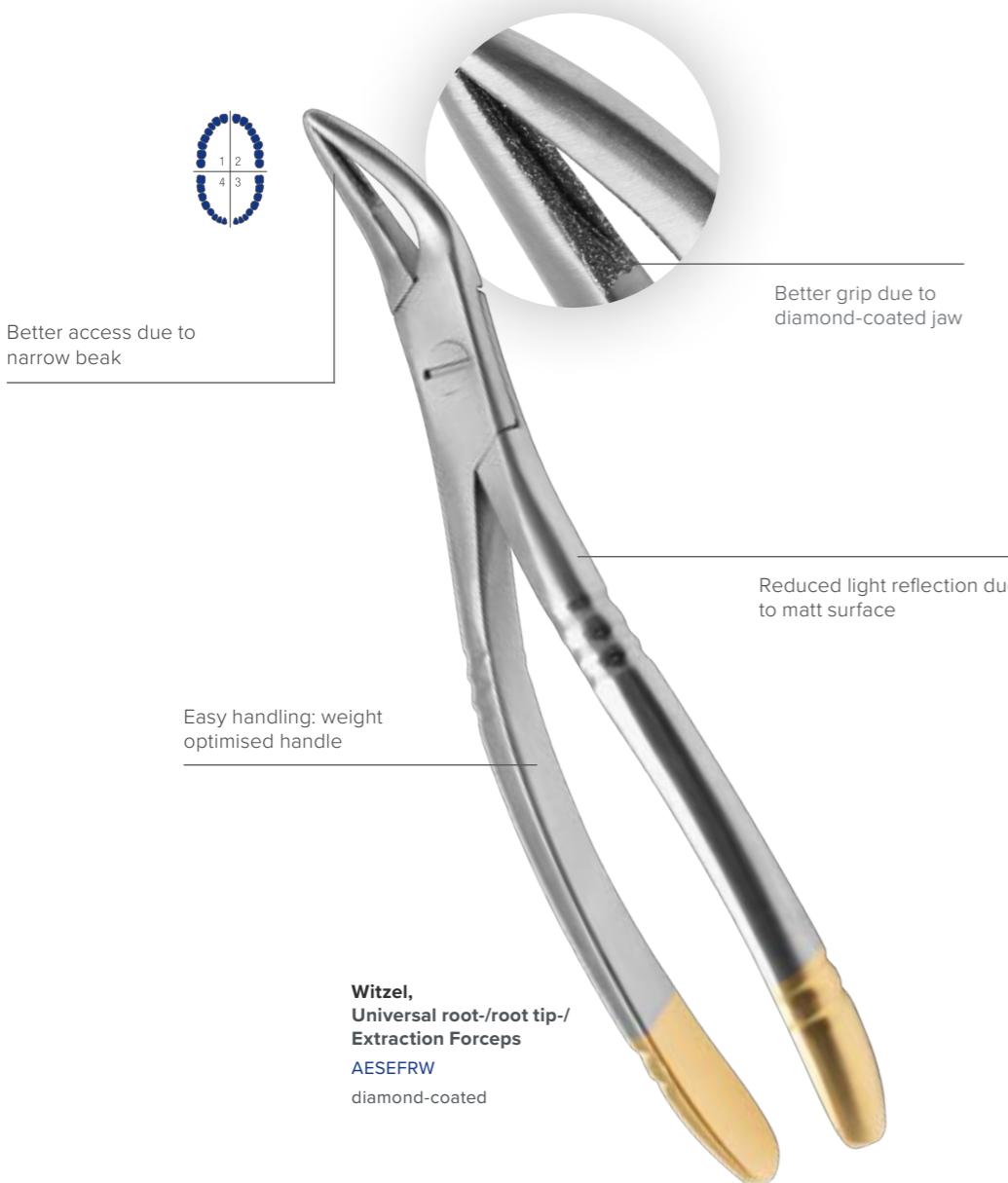
**Deep Grip Extraction Forceps**  
AESEFLCP  
Lower Anterior Teeth,  
Canines and Premolars

**Deep Grip Extraction Forceps**  
AESEFLM  
Lower Molars and  
Wisdom Teeth

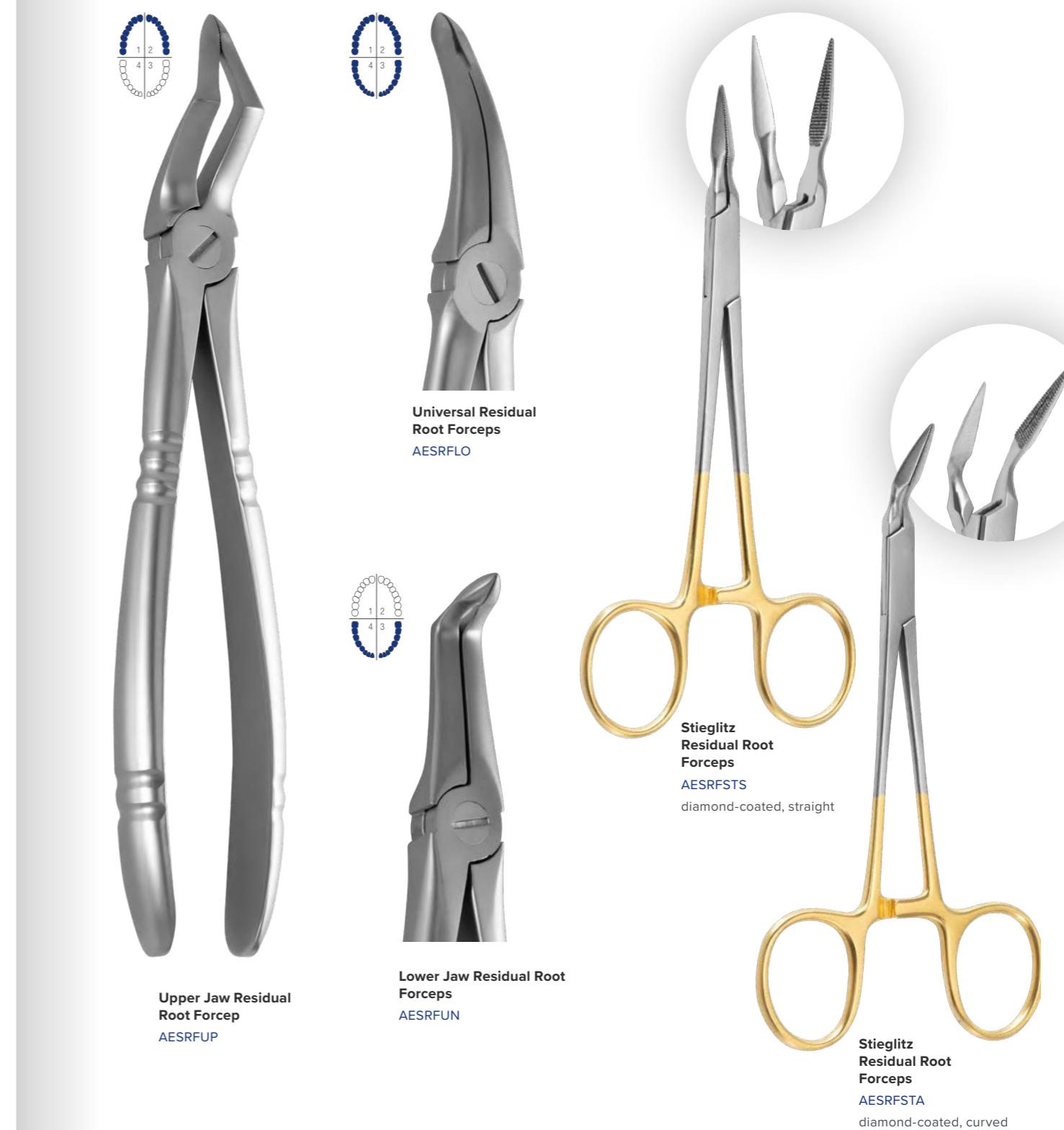
**Deep Grip Extraction Forceps**  
AESEFR  
Lower Roots and Narrow  
Anterior Teeth

Deep-reaching extraction forceps have a slightly sharpened forcep beak that is elongated and tapered towards the tip. They allow subgingival placement and distribute the pressure over a larger area of the often already weakened crown and root structure.

## Root- / Residual Root Forceps



## Root- / Residual Root Forceps

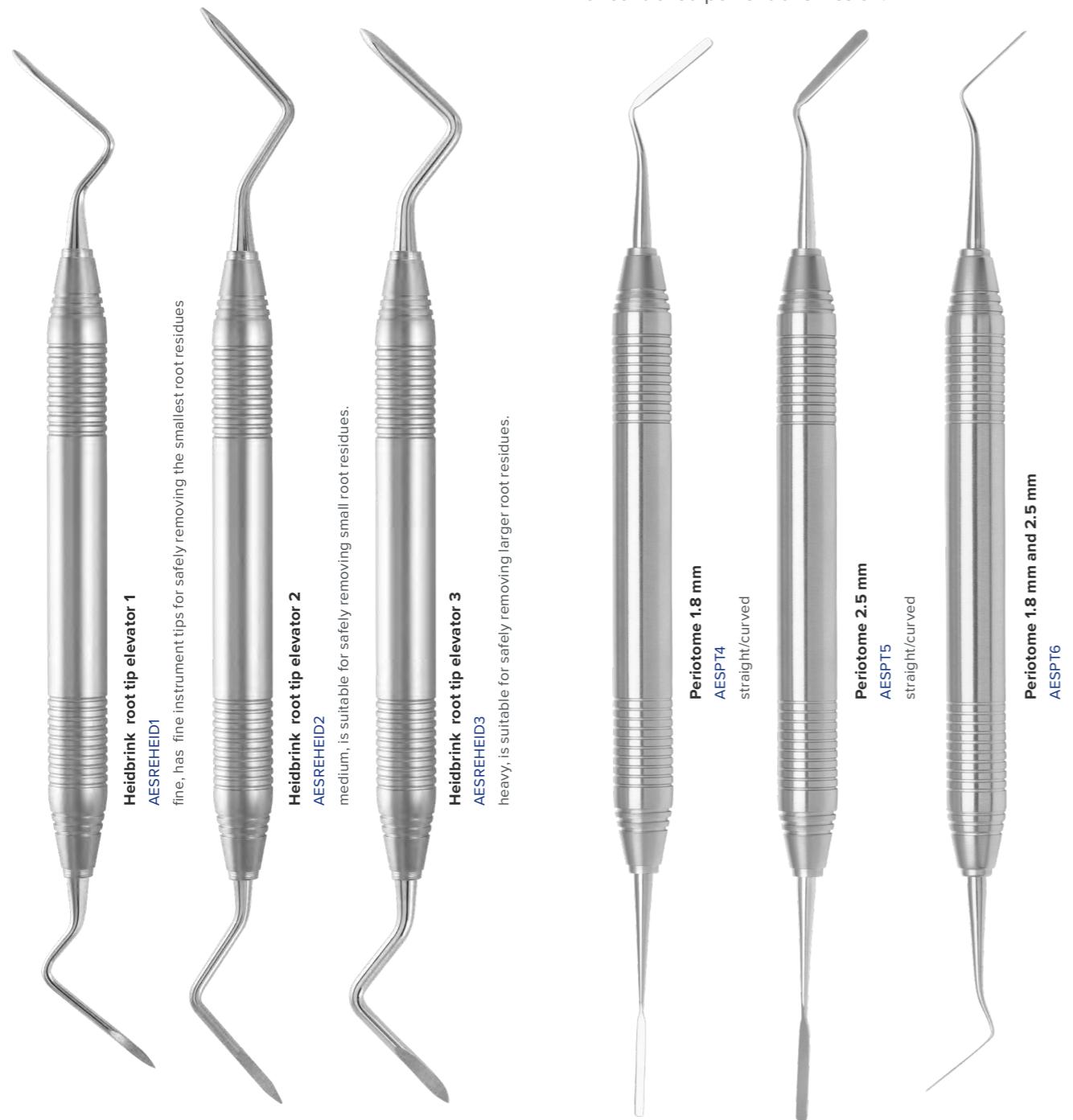


Root forceps have an extra sharpened beak that ensures a secure hold: for particularly demanding root residue removal deep in the alveolus.

Root forceps for upper and lower jaw. The weight-optimised handle offers maximum comfort and optimal handling while offering easy cleaning of the smooth surface. The matt handle finish reduces disruptive light reflections. The teflon disc in the instrument hinge maintains ease of movement and prevents corrosion.

## Periotomes

Heidbrink root tip elevators are used for the removal of root fragments. The working ends are elongated for an even better access to the socket.



The periotomes were developed for the gentlest possible extraction, especially before planned implantation. Especially fine, delicate working ends allow separation of the periodontal ligament prior to the extraction itself with elevator or forceps. Easy-to-clean grooves in the handle design ensure a secure grip and maximum power transmission. The matt handle surface reduces disruptive light reflections.

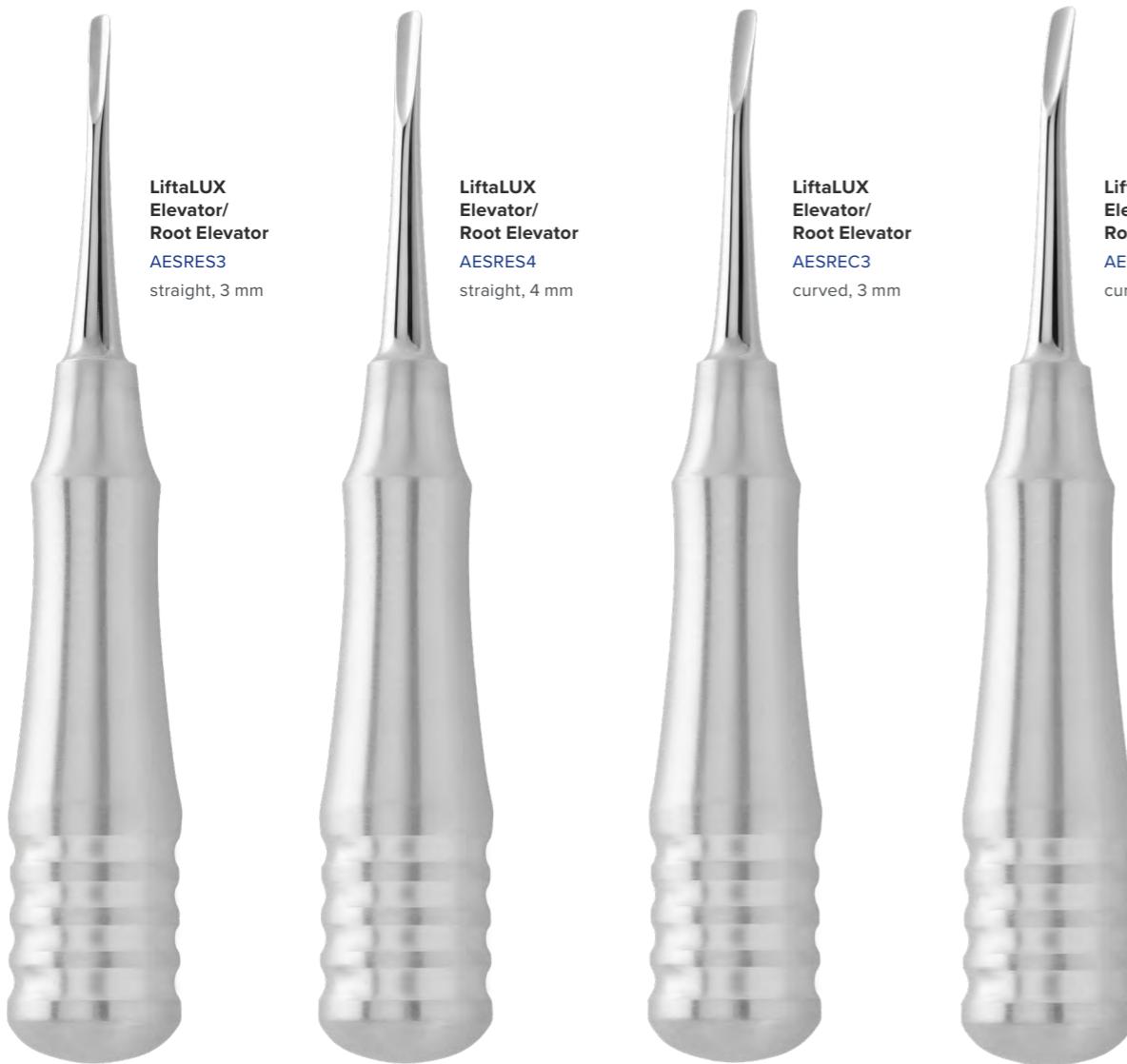
## PerioLUX Periotomes



## LiftaLUX Root Elevators

LiftaLUX elevators have been developed for gentle extraction. Their fine instrument tips should be applied axially towards the root tip with controlled pressure. The particularly ergonomic stainless steel handle sits well in the hand and enables controlled power transmission.

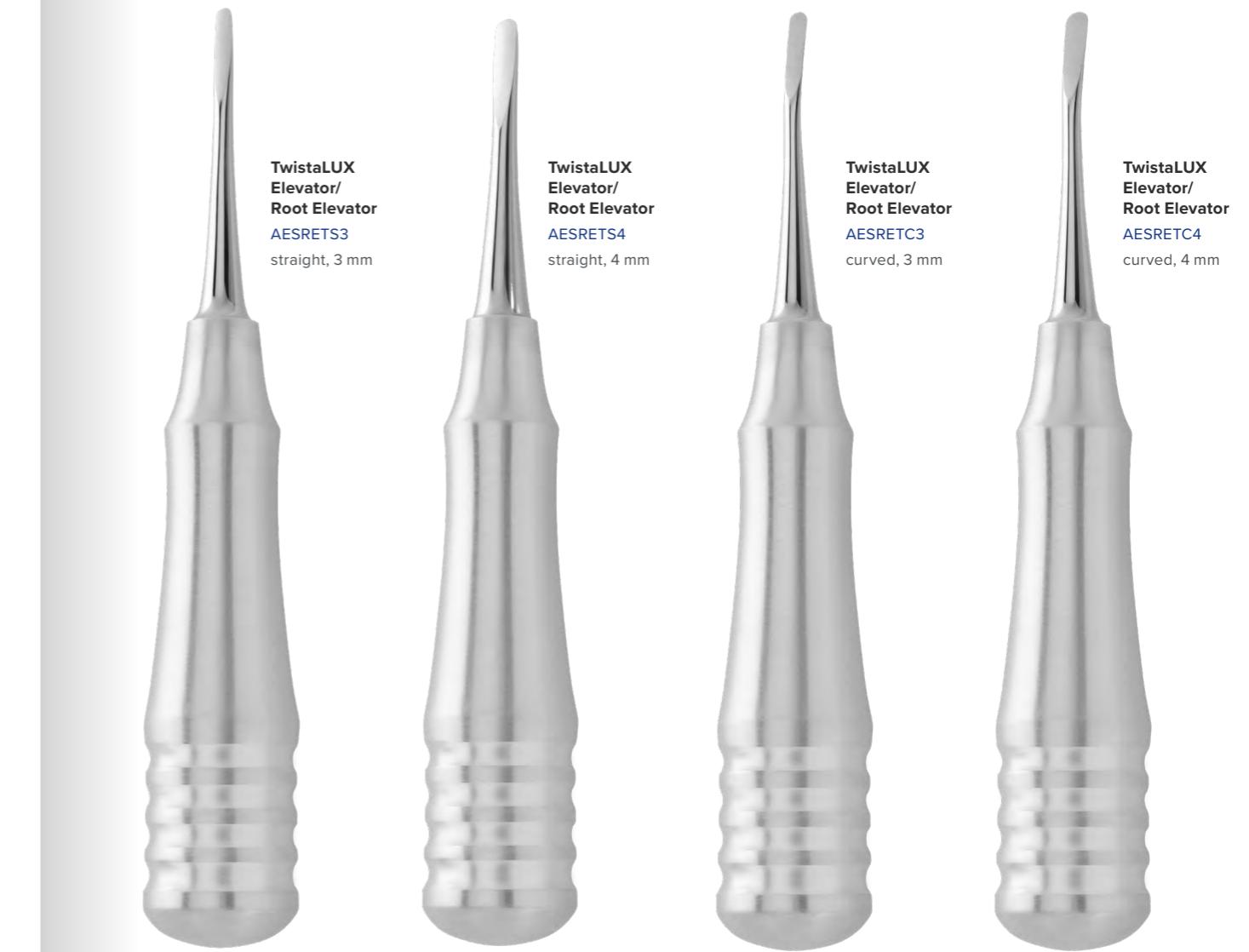
LiftaLUX  
instruments are  
**NOT** suitable for  
levering!



## TwistaLUX Root Elevators

TwistaLUX elevators have been designed for levering/torque extraction. They have reinforced working ends and also transmit larger force safely without breaking or bending. The ergonomic handle is made of easy-to-clean stainless steel.

TwistaLUX  
instruments  
are suitable for  
levering!



## Instrument Cassettes



## Instrument Cassettes



GALAXIE cassettes for instrument reprocessing are ergonomic and protect your high-quality instruments. You can organize them individually and extend the cassettes thanks to additional retention rails.



XP<sup>2</sup> – THE NEXT GENERATION OF SHARPNESS AND LONGEVITY

# The Future of Scaling is Golden



Learn  
more!  
↓





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