

# DENTAL INSTRUMENTS

## CATALOGUE



# Dental Instruments

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**EL-D-001** Ø 22 mm    **EL-D-003** Ø 22 mm  
**EL-D-002** Ø 24 mm    **EL-D-004** Ø 24 mm

Mouth mirror,  
Surface

Mouth mirror,  
Rhodium

Sales unit:  
**PAK** = Package of 12 pieces

Mouth mirror handles

- Colored handles made out of synthetic material for easier organization of the treatment rooms
- Ergonomical handle shape
- Sterilizable up to 275 °F



**EL-D-005**

135 mm, 5 1/2"



**EL-D-006**

135 mm, 5 1/2"



**EL-D-007**

135 mm, 5 1/2"



**EL-D-008**

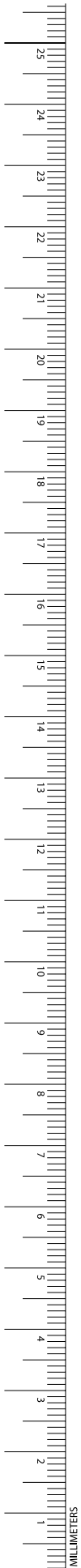
135 mm, 5 1/2"



**EL-D-009**

Mouth mirror handle  
135 mm, 5 1/2"

# Diagnostics



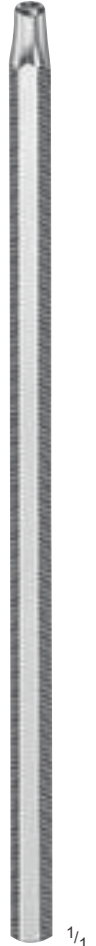
**EL-D-010**  $\frac{1}{4}$ "

Mouth mirror handle  
125 mm, 5"



**EL-D-011**  $\frac{1}{4}$ "

Mouth mirror handle  
135 mm, 5½"

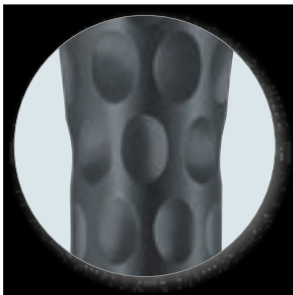


**EL-D-012**  $\frac{1}{4}$ "

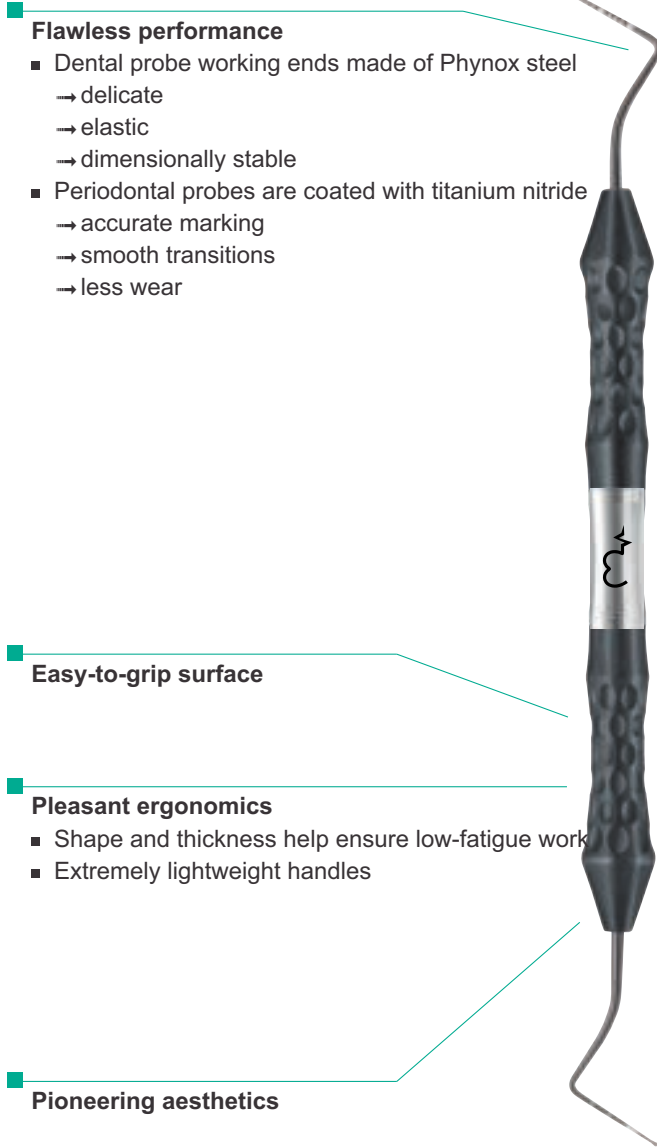
Mouth mirror handle  
120 mm, 4¾"

**Make yourself comfortable.**

You'll never want to put them down again – the new instruments in the Elite Ergoprobe range make working that much easier, more relaxed and less tiring. The secret lies in the extremely lightweight, ergonomic handles with surfaces specially designed to have a particularly pleasant feel.



**Ergoprobe** combines modern design with unique ergonomics and top functionality



**Flawless performance**

- Dental probe working ends made of Phynox steel
  - delicate
  - elastic
  - dimensionally stable
- Periodontal probes are coated with titanium nitride
  - accurate marking
  - smooth transitions
  - less wear

**Easy-to-grip surface**

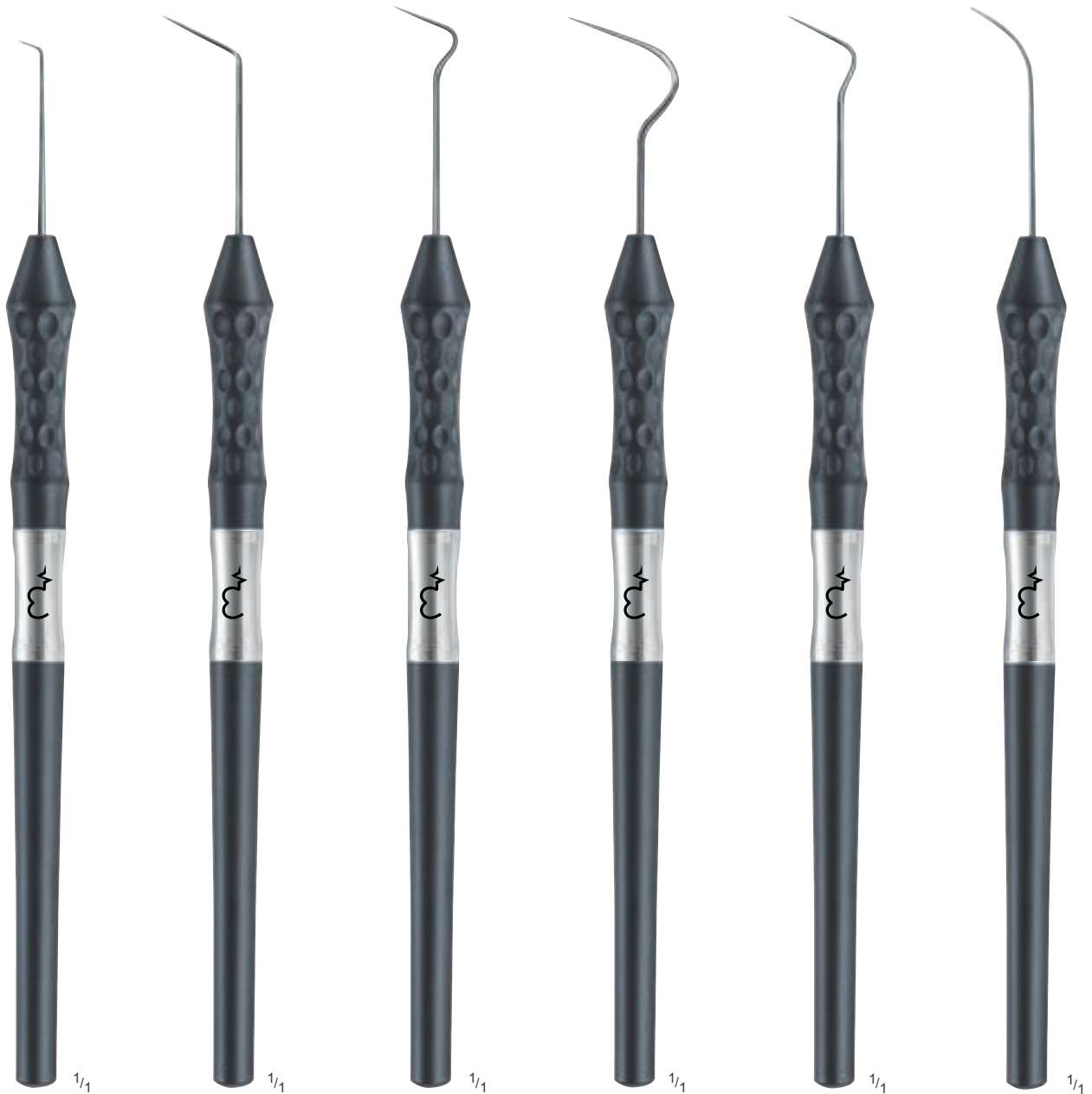
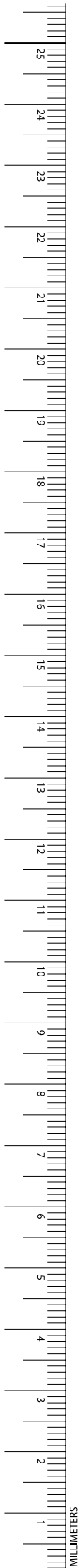
**Pleasant ergonomics**

- Shape and thickness help ensure low-fatigue work
- Extremely lightweight handles

**Pioneering aesthetics**

INCHES

**Diagnostics**



**EL-D-013**

Fig. 6

160 mm, 6 1/4"

**EL-D-014**

Fig. 6A

160 mm, 6 1/4"

**EL-D-015**

Fig. 8

160 mm, 6 1/4"

**EL-D-016**

Fig. 8A

160 mm, 6 1/4"

**EL-D-017**

Fig. 9

160 mm, 6 1/4"

**EL-D-018**

EXS 3A

165 mm, 6 1/2"



# Diagnostics



**EL-D-024**

Fig. 8/9

165 mm, 6 1/2"

**EL-D-025**

Fig. 17/23

155 mm, 6"

**EL-D-026**

EXD 5

165 mm, 6 1/2"

**EL-D-027**

EXD 11

160 mm, 6 1/4"





1/1

**EL-D-028**

EXD 11/12

175 mm, 7"



1/1

**WESTON**  
**EL-D-029**

170 mm, 6<sup>3</sup>/<sub>4</sub>"



1/1

**NABERS**  
**EL-D-030**

P2N  
Furcation probe  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



## Diagnostics



Periodontal probe with defined probing force of 0.2 N (20 g)

Due to a lack of measurement pressure standardization, clinical measurements taken using different probing techniques often provide contradictory results. Objective evaluation of periodontal status is only possible when using pressure-sensitive periodontal probes. When assessing periodontal disease, probe measurements are subject to numerous instrumental and subjective influences, which can often result in underestimation of actual probing depths. When too little pressure is used, the main limiting factor on measurement probes is soft-tissue morphology rather than proportions of coronal, supra-alveolar fiber structures. standardized probing in follow-up care of periodontal diseases, and especially in cases of inflammatory gingival changes in long-term studies.



**EL-D-031**

UNC 15

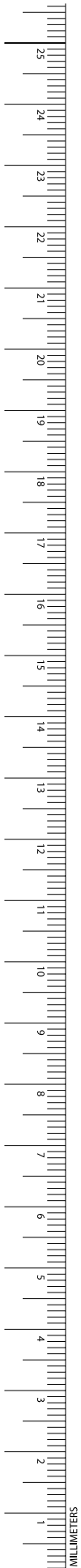
165 mm, 6 1/2"

WHO

**EL-D-032**

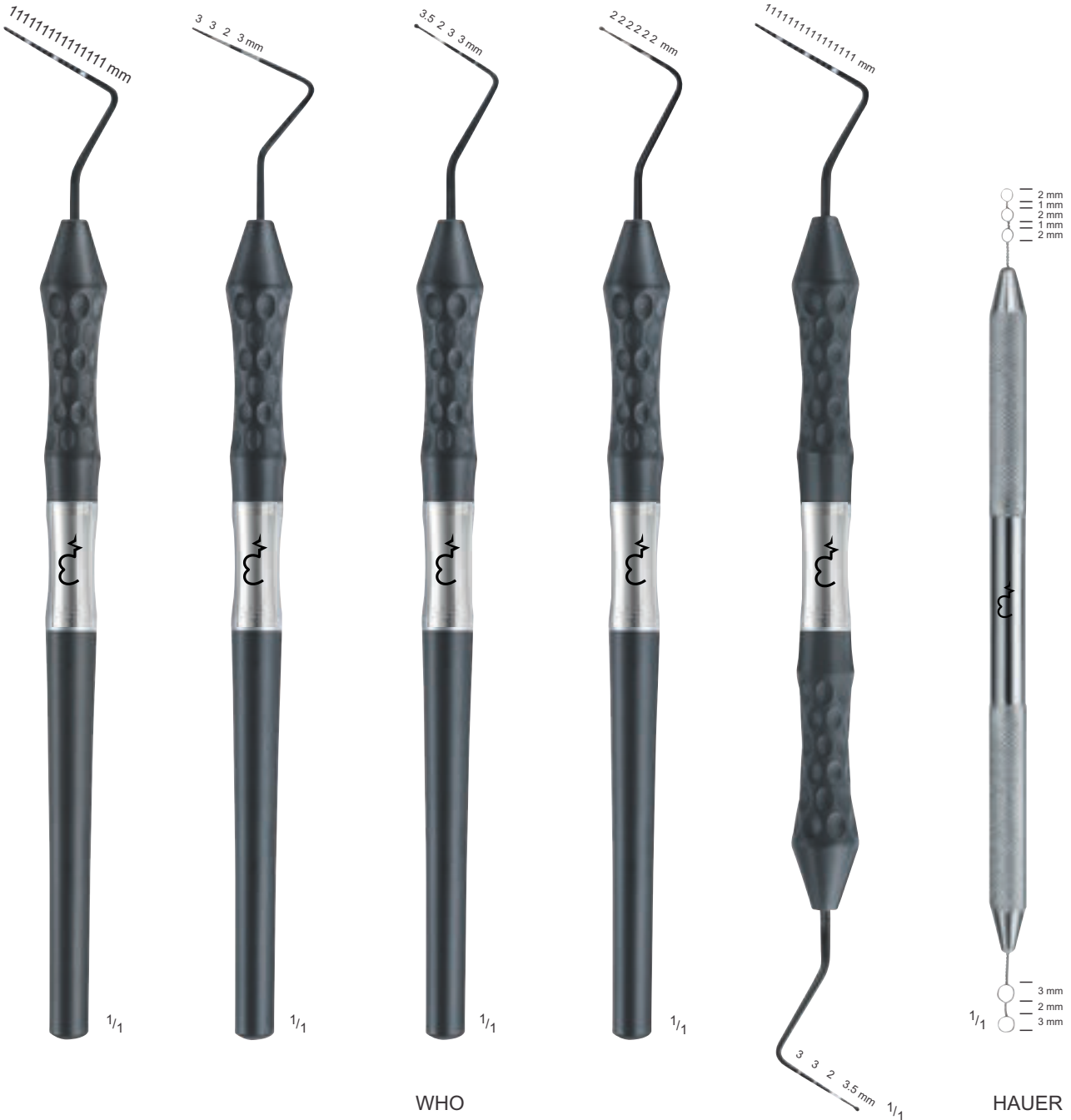
PCP 11,5 C

165 mm, 6 1/2"



Color coding system, coated with titanium nitride

- exact marking and smoothing
- abrasion-free



**EL-D-033**

UNC 15

160 mm, 6 1/4"

**EL-D-034**

PCP 11

160 mm, 6 1/4"

WHO

**EL-D-035**

PCP 11,5 C

160 mm, 6 1/4"

**EL-D-036**

160 mm, 6 1/4"

**EL-D-037**

UPM  
(PCP 11,5 C+ UNC 15)

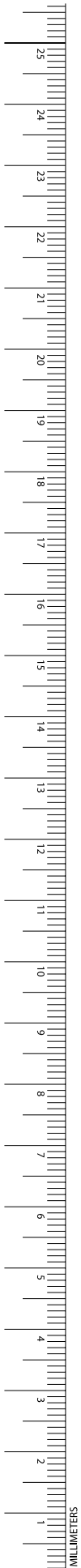
170 mm, 6 3/4"

HAUER

**EL-D-038**

135 mm, 5 1/4"

**Diagnostics**



**PERRY**  
**EL-D-039**  
serrated

130 mm, 5 1/8"



**MERIAM**  
**EL-D-040**  
smooth

130 mm, 5 1/8"



**MERIAM**  
**EL-D-041**  
smooth

150 mm, 6"



**PERRY**  
**EL-D-042**  
serrated

160 mm, 6 1/4"



MERIAM  
**EL-D-043**  
serrated

160 mm, 6 1/4"



LONDON-COLLEGE  
**EL-D-044**  
smooth

150 mm, 6"



LONDON-COLLEGE  
**EL-D-045**  
serrated

150 mm, 6"



LONDON-COLLEGE  
**EL-D-046**  
serrated

150 mm, 6"



# Diagnostics

**Special tooth tweezers**  
**LONDON-COLLEGE, mod.**  
 Particularly strong, distortion-free design, serrated.



**LONDON-COLLEGE**  
**EL-D-047**  
 serrated/with lock  
 150 mm, 6"



**LONDON-COLLEGE**  
**EL-D-048**  
 serrated  
 150 mm, 6"

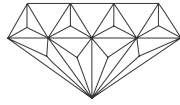


**EL-D-049**  
 serrated  
 150 mm, 6"



**LONDON-COLLEGE, mod.**  
**EL-D-050**  
 150 mm, 6"

**DUROGRIP™** -Tooth forceps with tungsten carbide insert for secure grasping of matrices and interdental wedges.



**EL-D-051**

Dental forceps

150 mm, 6"



**EL-D-052**

150 mm, 6"



# Periodontics



## Periodontics



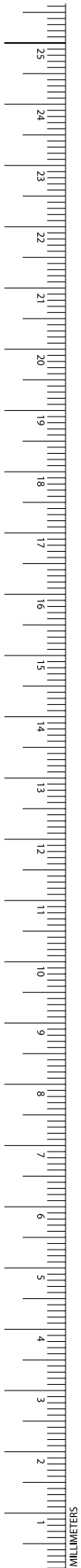
Periodontal probe with defined probing force of 0.2 N (20 g)

Due to a lack of measurement pressure standardization, clinical measurements taken using different probing techniques often provide contradictory results. Objective evaluation of periodontal status is only possible when using pressure-sensitive periodontal probes. When assessing periodontal disease, probe measurements are subject to numerous instrumental and subjective influences, which can often result in underestimation of actual probing depths. When too little pressure is used, the main limiting factor on measurement probes is soft-tissue morphology rather than proportions of coronal, supra-alveolar fiber structures. standardized probing in follow-up care of periodontal diseases, and especially in cases of inflammatory gingival changes in long-term studies.



**EL-D-053**  
UNC 15  
165 mm, 6½"

WHO  
**EL-D-054**  
PCP 11,5 C  
165 mm, 6½"



Color coding system, coated with titanium nitride

- exact marking and smooth transition
- abrasion-free



**EL-D-055**  
PCP 11  
155 mm, 6 1/8"



WHO  
**EL-D-056**  
PCP 11,5 C  
160 mm, 6 1/4"



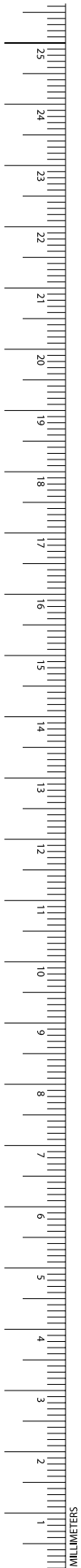
**EL-D-057**  
160 mm, 6 1/4"



## Periodontics

Color coding system, coated with titanium nitride

- exact marking and smooth transition
- abrasion-free



**EL-D-058**

PCP 12  
155 mm, 6<sup>1</sup>/<sub>8</sub>"



**EL-D-059**

UNC 15  
160 mm, 6<sup>1</sup>/<sub>4</sub>"



**EL-D-060**

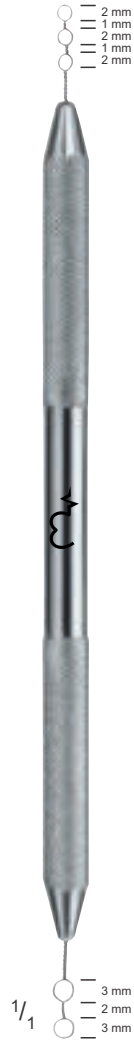
UPM (PCP 11,5 C + UNC 15)  
175 mm, 7"



WILLIAMS-FOX

**EL-D-061**

165 mm, 6 1/2"



HAUER

**EL-D-062**

135 mm, 5 1/4"



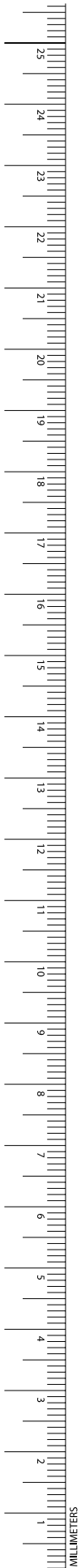
**Periodontics**  
**Scalers + Curettes**



**... millionfold approved!**

- Anatomical “high-tech” shape
- Extra light and “handy” allows more fatigue-free working
- Color-coded handles for a quicker and clearer orientation
- Suitable for steam sterilization up to 275°F

- Hardwearing working tips
- Continuous corrosion-resistant special instrument steel
- Instrument tightly-covered by a special PEEK handle
- Ergonomic handle design
- Satin finish working tips



supragingival use



**EL-D-063**

Premolars  
Molars  
universal

$\frac{1}{1}$  175 mm, 7"



CRANE CAPLAN

**EL-D-064**

CK 6  
Anteriors  
Premolars  
Molars  
universal

$\frac{1}{1}$  175 mm, 7"



**EL-D-065**

CI 2/3  
Anteriors  
Premolars  
Molars  
universal

$\frac{1}{1}$  165 mm, 6½"



**Periodontics**

supragingival use

delicate



**EL-D-066**  
T2/T3  
Anteriors  
Premolars  
Molars  
universal  
175 mm, 7"



**EL-D-067**  
USM  
Anteriors  
Premolars  
Molars  
mesial/distal  
175 mm, 7"



**EL-D-068**  
H 6/7  
Anteriors  
Premolars  
mesial/distal  
175 mm, 7"

supragingival use



McCALL  
**EL-D-069**  
 13S/14S  
 Premolars  
 Molars  
 mesial/distal  
 175 mm, 7"

1/1



**EL-D-070**  
 M 23  
 Anteriors  
 Premolars  
 Molars  
 universal  
 175 mm, 7"

1/1





**Periodontics**

supragingival use



**EL-D-071**  
 S 204/SD  
 Anteriors  
 Premolars  
 mesial/distal  
 175 mm, 7"

1/1

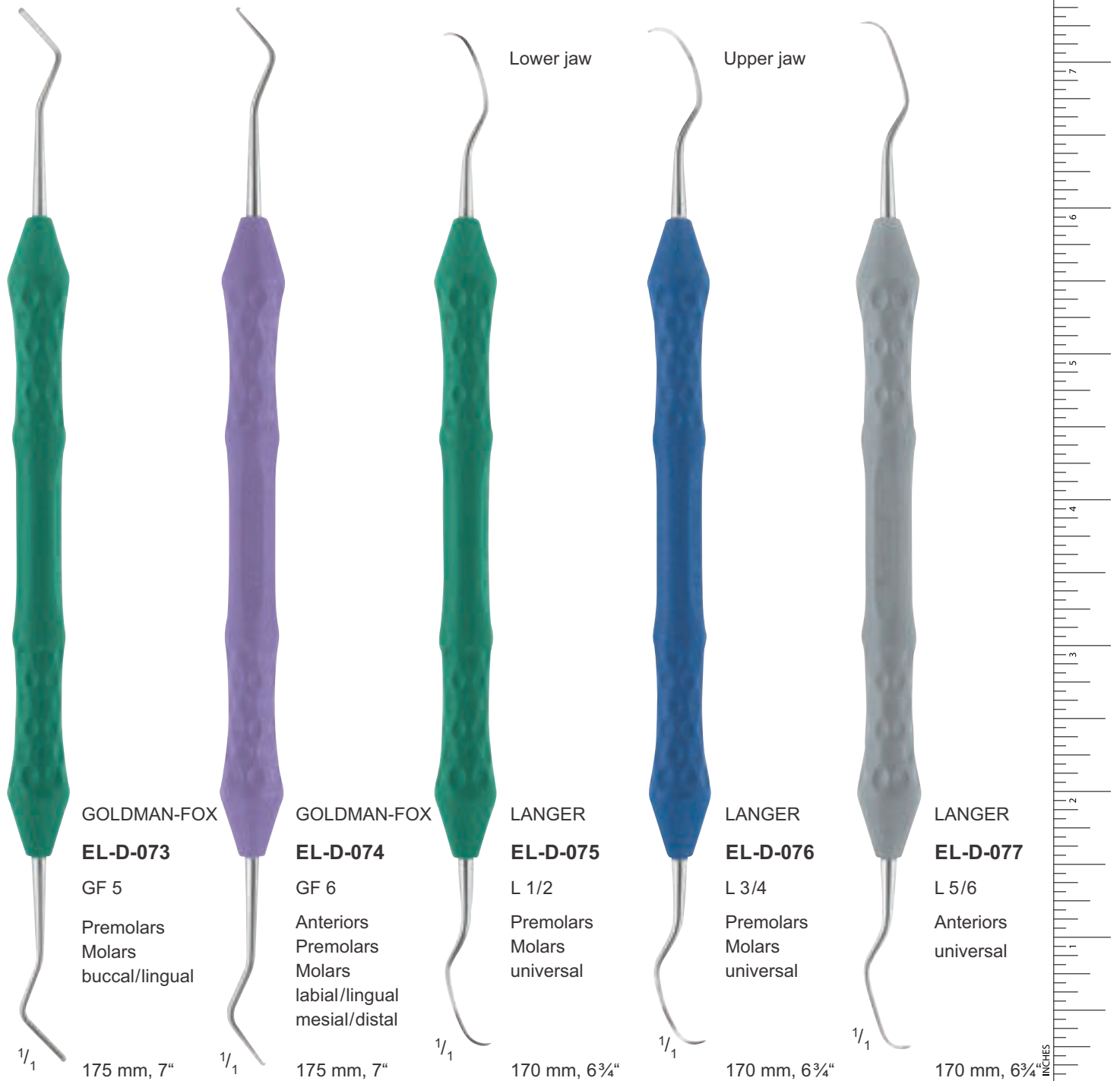


**EL-D-072**  
 S 204 S  
 Molars  
 universal  
 175 mm, 7"

1/1

supragingival use

supra/subgingival use



**Periodontics**

supra/subgingival use



**GOLDMAN-FOX**  
**EL-D-078**  
GF 2  
universal  
Anteriors  
Premolars  
1/1  
universal  
175 mm, 7"



**GOLDMAN-FOX**  
**EL-D-079**  
GF 4  
Premolars  
Molars  
universal  
175 mm, 7"



**COLUMBIA**  
**EL-D-080**  
2R/2L  
universal  
Anteriors  
1/1  
universal  
175 mm, 7"



**COLUMBIA**  
**EL-D-081**  
4R/4L  
Premolars  
Molars  
universal  
170 mm, 6 3/4"

supra/subgingival use



**COLUMBIA**  
**EL-D-082**  
 13/14  
 Premolars  
 Molars  
 universal  
 175 mm, 7"

1/1



**EL-D-083**  
 M 23 A  
 Anteriors  
 Premolars  
 Molars  
 universal  
 175 mm, 7"

1/1



**McCALL**  
**EL-D-084**  
 M 17S/18S  
 Premolars  
 Molars  
 165 mm, 6 1/2"

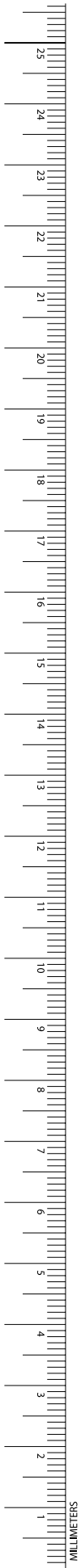
1/1

for infected tissue



**Periodontics**

subgingival use



GRACEY  
**EL-D-085**  
 Fig. 1/2  
 Anteriors  
 universal  
 175 mm, 7"



GRACEY  
**EL-D-086**  
 Fig. 3/4  
 Anteriors  
 Premolars  
 universal  
 175 mm, 7"

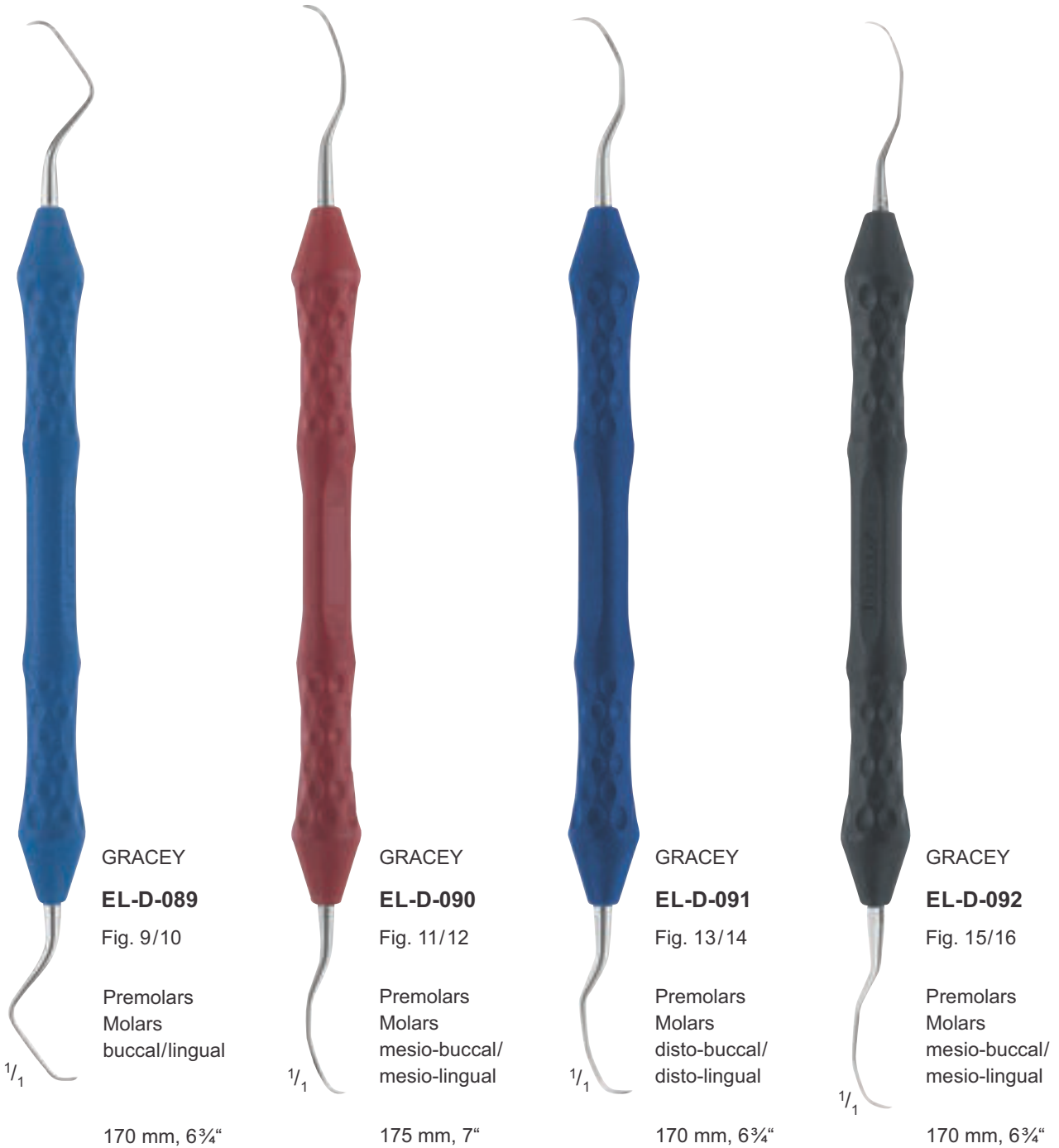


GRACEY  
**EL-D-087**  
 Fig. 5/6  
 Anteriors  
 Premolars  
 universal  
 175 mm, 7"



GRACEY  
**EL-D-088**  
 Fig. 7/8  
 Premolars  
 Molars  
 buccal/lingual  
 170 mm, 6 3/4"

subgingival use



INCHES

**Periodontics**

subgingival use



GRACEY  
**EL-D-093**  
Fig. 12/13

Premolars  
Molars  
mesio-vestibular/  
mesio-oral  
disto-vestibular/  
disto-oral  
175 mm, 7"



GRACEY  
**EL-D-094**  
Fig. 11/14

Premolars  
Molars  
mesio-vestibular/  
mesio-oral  
disto-vestibular/  
disto-oral  
175 mm, 7"



The combination of high rigidity and filigree-fine working ends means that stubborn plaque in particular can be removed thoroughly and efficiently with rigid curettes. It is no longer necessary to carry out time-consuming repeat scaling with flexible curettes. Flexible curettes should always be used to complete root planing.

The Gracey Figures 12/13 and 11/14 prove to be particularly time-saving, since using Figure 12/13 all mesio-distal surfaces in the side tooth area, e.g. in the first quadrant, can be completely treated in the vestibular direction in one step without having to change the instrument. It is only with the change to the palatal direction that Figure 11/14 is used. The second quadrant begins of course with Figure 11/14 for mesio-distal in vestibular direction, etc.

Special Combination of GRACEY-Figures,  
Rigid GRACEY-Curettes



Rigid GRACEY  
**EL-D-095**  
Fig. 5/6  
Anteriors  
Premolars

$\frac{1}{1}$  175 mm, 7"



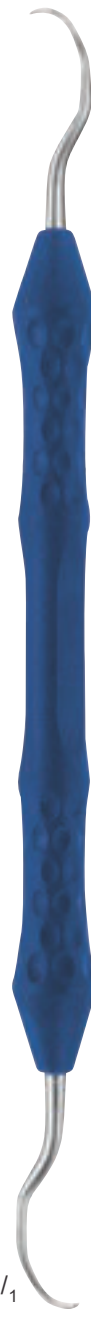
Rigid GRACEY  
**EL-D-096**  
Fig. 7/8  
Premolars  
Molars  
buccal/lingual

$\frac{1}{1}$  170 mm, 6 $\frac{3}{4}$ "



Rigid GRACEY  
**EL-D-097**  
Fig. 11/12  
Premolars  
Molars  
mesio-buccal/  
mesio-lingual

$\frac{1}{1}$  175 mm, 7"



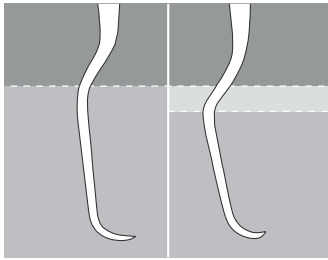
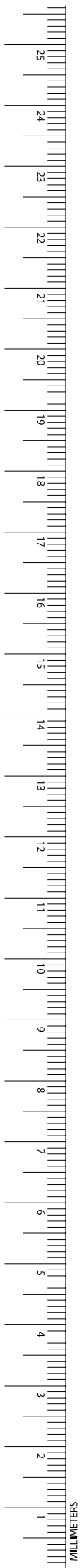
Rigid GRACEY  
**EL-D-098**  
Fig. 13/14  
Premolars  
Molars  
disto-buccal/  
disto-lingual

$\frac{1}{1}$  175 mm, 7"





# Periodontics



subgingival use

Shaft 3 mm longer than Standard-GRACEY narrow working tip

■ for easier access to the deep root surfaces



After-GRACEY

**EL-D-099**

Fig. 1/2

Anteriors

universal

1/1

170 mm, 6 3/4"



AftEL-GRACEY

**EL-D-100**

Fig. 3/4

Anteriors  
Premolars

universal

1/1

170 mm, 6 3/4"



After-GRACEY  
**EL-D-101**  
 Fig. 5/6  
 Anteriors  
 Premolars  
 universal  
 $\frac{1}{1}$   
 170 mm, 6 $\frac{3}{4}$ "



After-GRACEY  
**EL-D-102**  
 Fig. 7/8  
 Premolars  
 Molars  
 buccal/lingual  
 $\frac{1}{1}$   
 170 mm, 6 $\frac{3}{4}$ "



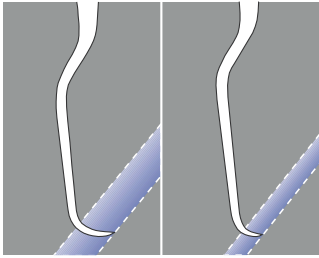
After-GRACEY  
**EL-D-103**  
 Fig. 11/12  
 Premolars  
 Molars  
 mesio-buccal/  
 mesio-lingual  
 $\frac{1}{1}$   
 170 mm, 6 $\frac{3}{4}$ "



After-GRACEY  
**EL-D-104**  
 Fig. 13/14  
 Premolars  
 Molars  
 disto-buccal/  
 disto-lingual  
 $\frac{1}{1}$   
 170 mm, 6 $\frac{3}{4}$ "



# Periodontics



subgingival use

Shaft 3 mm longer than Standard-GRACEY, narrow working tip shortened  
 ■ for easier access to the deep, narrow root surfaces



Mini-GRACEY

**EL-D-105**

Fig. 1/2

Anteriors

universal

175 mm, 7"



Mini-GRACEY

**EL-D-106**

Fig. 3/4

Anteriors  
Premolars

universal

170 mm, 6 3/4"

# PERIODONTICS



- Very delicate working tips facilitate access to dental implant collar
- No risk of infection from curette abrasion
- Low implant damage risk
- Manually sharpenable

To ensure the long-term success of an implant, consistent aftercare is very important. To eliminate plaque on the implant-abutment interface, titanium curettes can be preferable.



LANGER  
**EL-D-107**  
 L 1/2  
 Premolars  
 Molars  
 universal  
 mandible  
 175 mm, 7"

1/1



LANGER  
**EL-D-108**  
 L 3/4  
 Premolars  
 Molars  
 universal  
 maxilla  
 175 mm, 7"

1/1

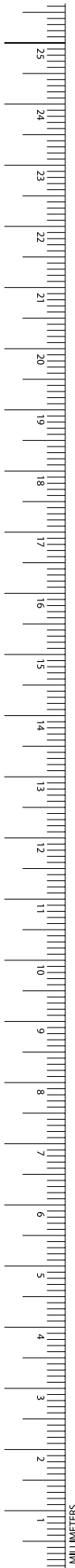


LANGER  
**EL-D-109**  
 L 5/6  
 Anteriors  
 universal  
 175 mm, 7"

1/1



# Periodontics



### Force-controlled periodontal probe

- Defined probing force of 0.2 N (20 g)
- Low implant damage risk
- Titanium nitride coating
- Exact marking and smooth transition
- No abrasion

Periodontal probe with defined probing force of 0.2 N (20 g)



**EL-D-110**

UNC 15  
165 mm, 6½"

WHO

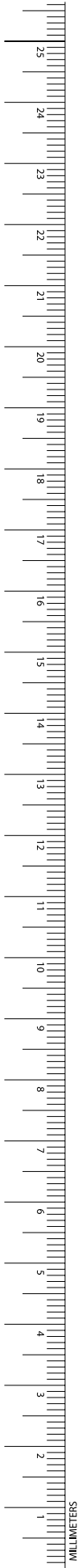
**EL-D-111**

PCP 11,5 C

165 mm, 6½"

# **Sterilizable Grinding Stones, Accessories**

Periodontics



**EL-D-112**

1/4



**EL-D-113**

1/4



**EL-D-114**

1/4



**EL-D-115**

double cutting

heat-treated in vacuum



Sterile scalpel blade

Sales unit: **PAK** = Package of 100 pieces



**EL-D-116**

Scalpel handle for sterile scalpel blades  
145 mm, 5 3/4"

1/4





**EL-D-117**

Titanium scalpel handle for microsurgery blades, round handle. Light, rotatable and handy for precise cutting  
145 mm, 5¾"

**EL-D-118**

Microblade holder with round handle, for precision incisions.  
150 mm, 6"



**EL-D-119**

Microsurgery blade  
Sales unit:  
**ST** = Package of 1 piece



**EL-D-120**

Microsurgery blade  
Sales unit:  
**PAK** = Package of 10 pieces



**EL-D-121**

Microsurgery blade  
Sales unit:  
**PAK** = Package of 10 pieces

stainless steel

sterile



**EL-D-122**

Microsurgery blade  
Sales unit:  
**PAK** = Package of 10 pieces



**EL-D-123**

Microsurgery blade  
Sales unit:  
**PAK** = Package of 10 pieces



**EL-D-124**

Microsurgery blade  
Sales unit:  
**ST** = Package of 1 piece



# The New Class of Excellence

## Micro Forceps



### Parallel closing working tips

- Enables to grab the soft tissue of the total length of the plateau
- To reduce the contact pressure
- To preserve the delicate soft tissue structures

### The size of the working tip plateaus

- Enables micro surgery
- Allows a precise grabbing of soft tissue and sutures (until 6/0)
- Mitigates the risk of damaging the soft tissue structures

### Shape and Design

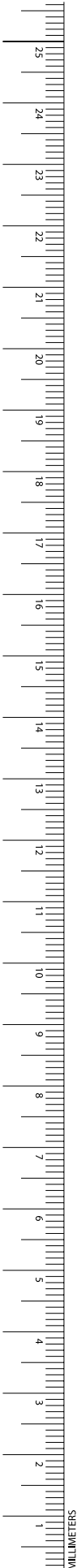
- The waisted shape for a comfortable feel
- The round handle enables the rotation of the instruments with the tips of the fingers
- Well balanced instruments with a centric balance point



Parallel closing working tips



Straight and curved working tips





**EL-D-125**  
dissecting, straight  
180 mm, 7"

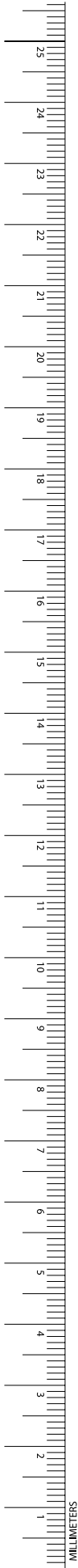


**EL-D-126**  
dissecting, curved  
175 mm, 6<sup>3</sup>/<sub>4</sub>"



**Periodontics**

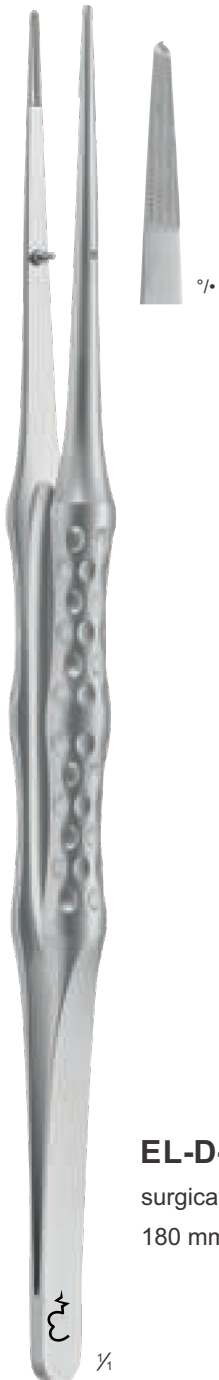
**Micro Surgery**



**EL-D-127**  
atraumata, straight  
180 mm, 7"



**EL-D-128**  
atraumata, curved  
175 mm, 6¾"



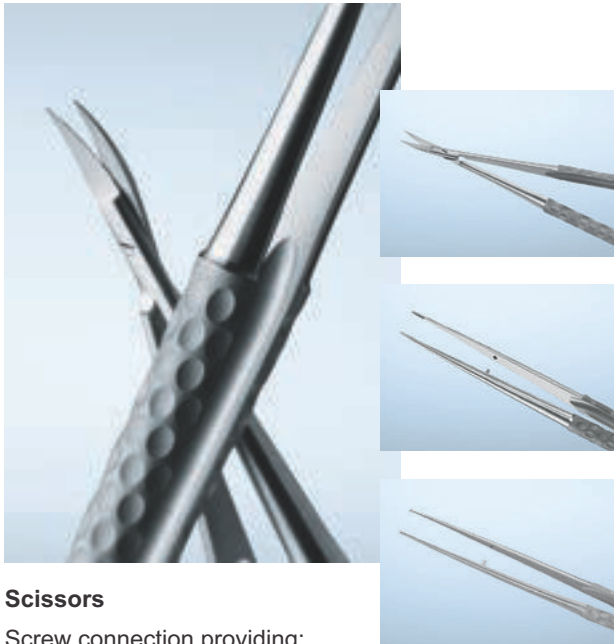
**EL-D-129**  
surgical, straight  
180 mm, 7"



**EL-D-130**  
surgical, curved  
175 mm, 6<sup>3</sup>/<sub>4</sub>"



## Periodontics



### New micro instrument handles

As well as its optically appealing design, the new surface we have created for the handles of our successful micro instruments offers principally hygienic advantages. The substantially improved grip allows working with minor physical strain and more fatigue-free working.

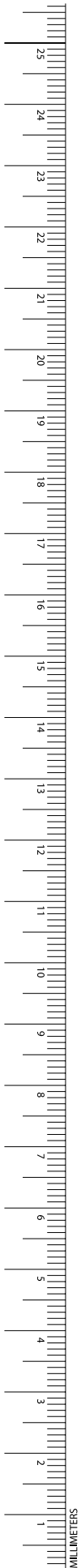
### Scissors

Screw connection providing:

- smooth and reliable function
- longer life time by the possibility of regrinding

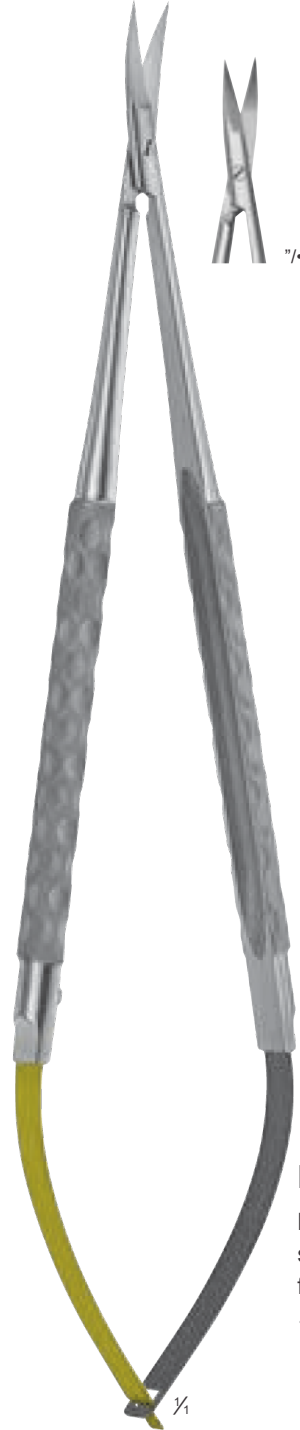
### Special hint

Since suture material is rather tough, the cutting capacity of scissors is quickly reduced which is noticeable as soon as tissues are cut afterwards.





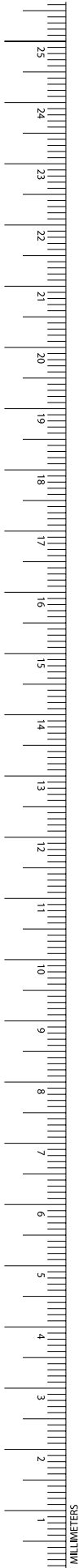
**EL-D-131**  
 Micro scissors  
 (spring type), curved,  
 sharp/sharp  
 180 mm, 7"



**EL-D-132**  
 Micro ligature scissors, curved,  
 sharp/sharp, one blade serrated  
 for suture material 6/0 – 8/0  
 180 mm, 7"



Periodontics



**DIADUST™**

**Diamond Powder Coated Forceps**

- Non-traumatic and yet firm gripping of sutures and



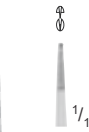
COOLEY  
**EL-D-133**  
Atraumatic  
micro forceps  
180 mm, 7"



DIADUST  
**EL-D-134**  
Micro dissecting  
forceps  
180 mm, 7"



DIADUST  
**EL-D-135**  
Micro tissue  
forceps  
180 mm, 7"



**EL-D-136**

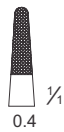
**EL-D-137**



**DIADUST™**

**Diamond Powder Coated Needle Holders**

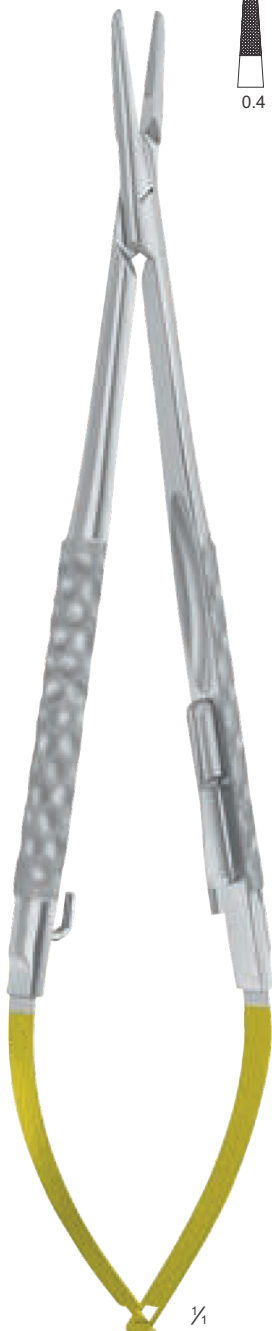
- Precise gripping of needles and sutures
- long life time, since the degree of the temper of the diamond powder coating is nearly identical to the temper of the needles
- for suture material 6/0 – 9/0



**EL-D-140**

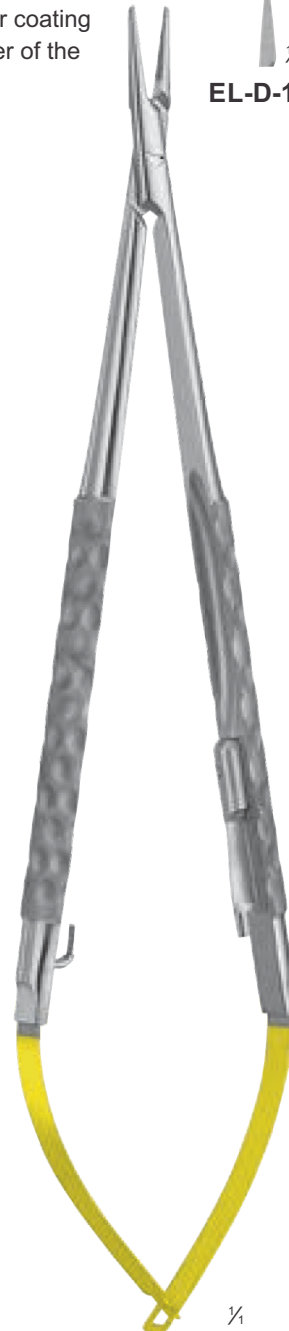


**EL-D-141**



**EL-D-138**

Elite Needle holder  
for suture material 4/0–6/0  
180 mm, 7"



DIADUST

**EL-D-139**

Micro needle holder for  
suture material 6/0 – 8/0  
180 mm, 7"



## Periodontics



Rounded plate-shaped working tips allow more movement, and significantly increase the radius of mobilization in frontal and lateral sub-periosteal preparation.

The sharpened edge of the instrument tips also allows sulcular as well as tunnel technique preparation (as with the envelope technique).

The design and angle of the working tips significantly facilitates preparation in convex areas.



### **EL-D-142**

Original Arkansas grinding stone,  
for grinding on tunnelling instruments

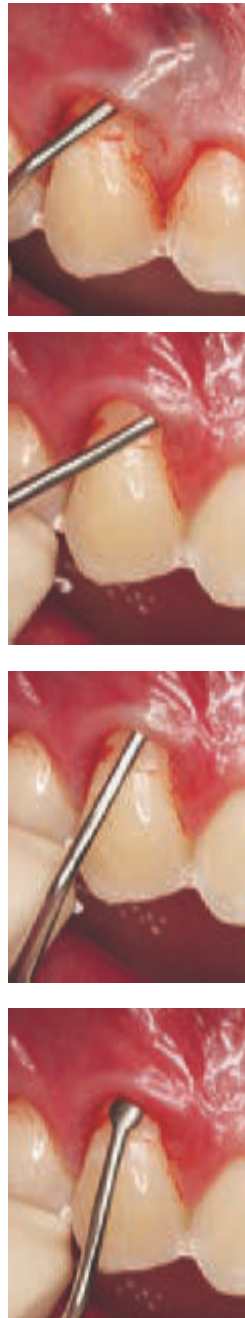
75 x 25 x 7 mm

## Instruments for Tunnel Technique for Periodontal Recessions



STRICKER  
**EL-D-143**  
180 mm, 7½"

The straight tunnelling instrument is mainly used in the upper jaw, in the frontal and lateral region. This allows large areas of the gingiva to be undermined using both tunnel and sulcular techniques.

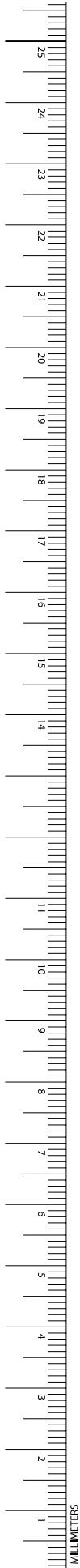


STRICKER  
**EL-D-144**  
180 mm, 7½"

The angled tunnelling instrument is primarily used for preparing lateral, buccal regions. It can also be used distally, without tearing the mucosa tissue and also for the lower jaw.



Periodontics



PRICHARD  
**EL-D-145**  
 Raspatory  
 185 mm, 7¼"



PRICHARD  
**EL-D-146**  
 Raspatory delicate  
 185 mm, 7¼"



BUSER  
**EL-D-147**  
 Raspatory  
 185 mm, 7¼"



BUSER

**EL-D-148**  
Micro-Raspatory

180 mm, 7½"



PHW

**EL-D-149**  
Atraumatic papilla  
elevator

190 mm, 7½"



LANGE

**EL-D-150**  
Raspatory

180 mm, 7½"

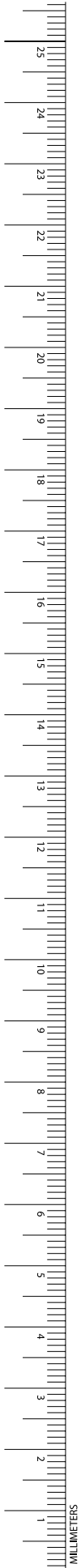


FREER

**EL-D-151**  
Raspatory  
sharp/blunt  
190 mm, 7½"



Periodontics



**GLICKMAN**  
**EL-D-152**  
Raspatory

185 mm, 7 1/4"



**RHODES**  
**EL-D-153**  
Dissection raspatory

185 mm, 7 1/4"



**KRAMER-NEVINS**  
**EL-D-154**  
Fig. M CR 36/37  
Mini chisel

175 mm, 7"



**GLICKMAN**  
**EL-D-155**  
Fig. M CKN 1/2  
Mini chisel

175 mm, 7"



**EL-D-156**

Periodontal dissector for dissection of soft tissues, double-ended  
185 mm, 7¼"



**KIRKLAND**

**EL-D-157**

Fig. S13K/TG  
Mini chisel  
190 mm, 7½"



**OCHSENBEIN**

**EL-D-158**

Fig. 4  
Mini chisel  
190 mm, 7½"

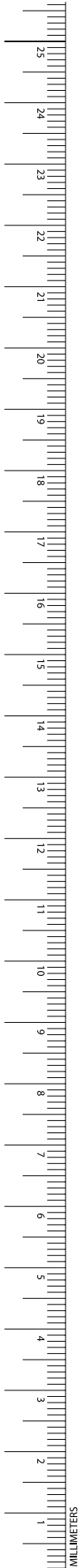


**RHODES**

**EL-D-159**

Fig. CR 36/37  
Mini chisel  
175 mm, 7"

**Periodontics**



**WILLIGER**  
**EL-D-160**  
Raspatory  
160 mm, 6 1/4"



**KÖNIG**  
**EL-D-161**  
Raspatory  
155 mm, 6"

- Range of application:**
- for loosening parts of the mucosa
  - for cyst resection
  - for periodontal surgery



**MEAD**  
**EL-D-162**  
Raspatory  
165 mm, 6 1/4"



9.5 mm  
**BÜCHS**  
**EL-D-164**  
Raspatory  
190 mm, 7 1/2"



**MOLT**  
**EL-D-163**  
Raspatory  
180 mm, 7"





**EL-D-165**  
WILLIGER

Raspatory  
140 mm, 5 1/2"

1/2



5.5 mm

7/8"

WARD

**EL-D-166**

Raspatory  
170 mm, 6 3/4"

1/2



sharp

sharp

SYME

**EL-D-167**

Elevator  
185 mm, 7 1/4"

1/2

4.2 mm



1/4

KIRKLAND

**EL-D-168**

Gingivectomy knives  
175 mm, 7"



1/4

ORBAN

**EL-D-169**

Gingivectomy knives  
165 mm, 6 1/2"



# Endodontics

# Periodontics



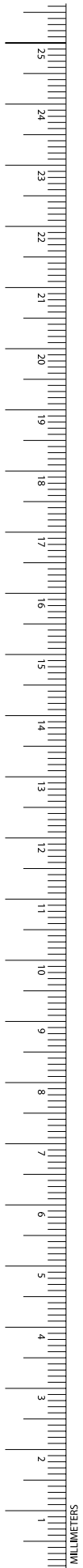
Elevation of the flap starting from the relieving incision with the disk-shaped elevator



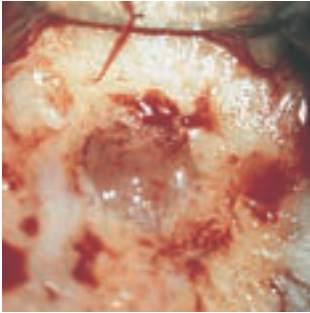
## EL-D-170

Disk-shaped elevator and dissector

175 m, 7"



Practical Example: Using the Microsurgical Instrument Set for Endodontics, acc. to  
Dr. P. VELVART



Retraction of the flap using the retractor.  
The apical lesion is visible in the center of the picture.

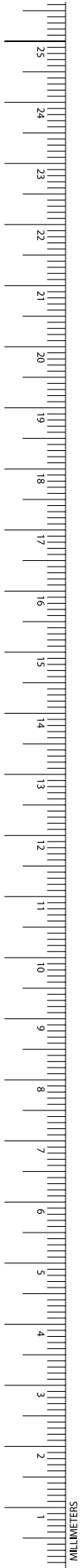
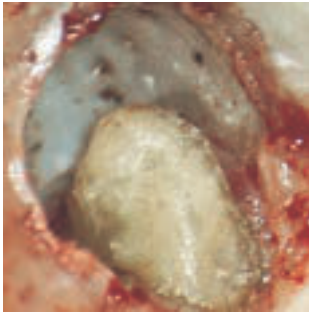


RICHTER  
**EL-D-171**

Width of blade 15 mm, 45°  
200 mm, 8"



**Periodontics**



**EL-D-172**  
Disk-shaped curette, small  
175 mm, 7"

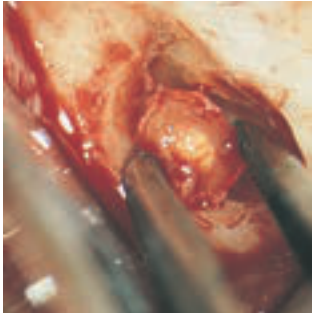


**EL-D-173**  
Disk-shaped curette, large  
175 mm, 7"



**EL-D-174**  
Spoon-shaped curette  
175 mm, 7"

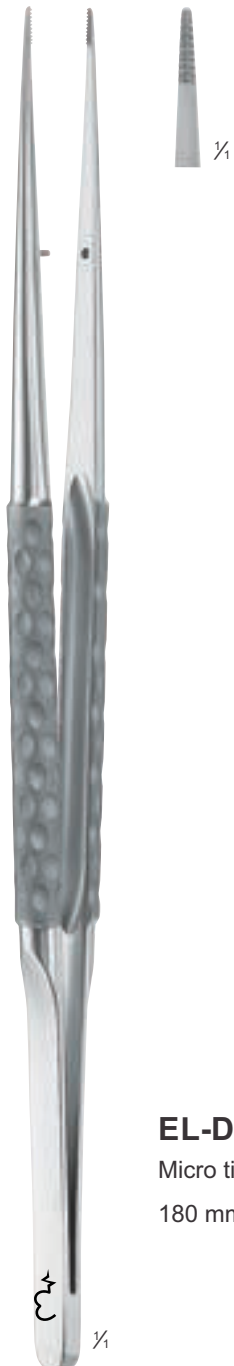
**Practical Example: Using the Microsurgical Instrument Set for Endodontics, acc. to Dr. P. VELVART**



Removal of the resected apex with the micro forceps.



Probing of the canals with the micro explorer (DA440R).



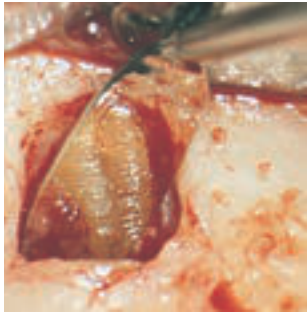
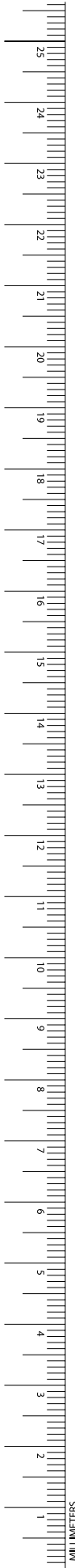
**EL-D-175**  
Micro tissue forceps  
180 mm, 7"



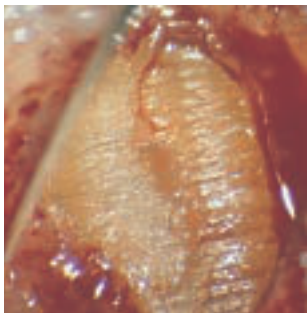
**EL-D-176**  
Micro explorer  
175 mm, 7"



## Periodontics



Use of the oval micro mirror  
Fracture line barely detectable in low magnification (12x).



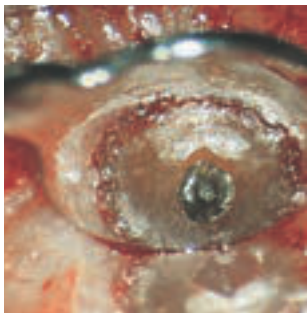
Large magnification (25x) of the above illustration. The fracture line is visible in the center of the illustration.

### EL-D-177

Micro mirror, 2 mm wide, 45° bevel, interchangeable 50 mm, 2"

### EL-D-178

Micro mirror, 3 mm wide, 45° bevel, interchangeable 50 mm, 2"



Use of the round micro mirror. View of prepared retrograde cavity with the post in the root canal.



### EL-D-179

Micro mirror, round diam. 3.5 mm 35° bevel, interchangeable 45 mm, 1¾"

### EL-D-180

Micro mirror, round diam. 4.7 mm 35° bevel, interchangeable 45 mm, 1¾"

**Practical Example: Using the Microsurgical Instrument Set for Endodontics, acc. to Dr. P. VELVART**



1/4

**EL-D-181**

Titanium handle for interchangeable micro mirrors for microsurgery blades  
145 mm, 5 3/4"



1/4

**ERGOPLANT  
EL-D-182**

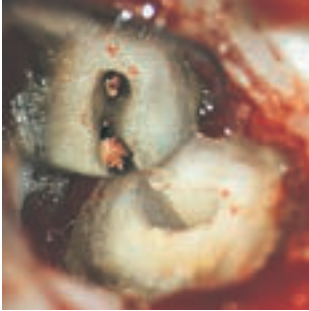
150 mm, 6"  
Microblade holder with round handle, for precision incisions.



INCHES



## Periodontics



Oval retrograde cavity, seen after preparation of the isthmus between the root canals. The oval shape plugger is used to condense the retrograde filling material.



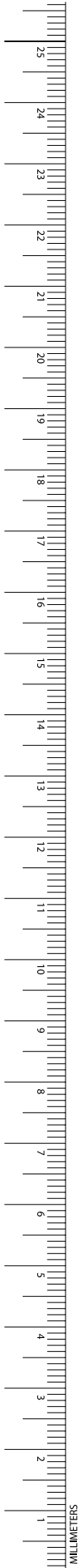
0.6 x 0.4 mm

$\frac{10}{1}$

### EL-D-183

Plugger, oval, angulated, 90°  
175 mm, 7"

$\frac{1}{1}$  0.6 x 0.4 mm



Practical Example: Using the Microsurgical Instrument Set for Endodontics, acc. to Dr. P. VELVART



Application of the retrograde filling material into the cavity with the micro spatula



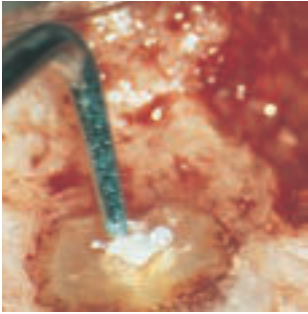
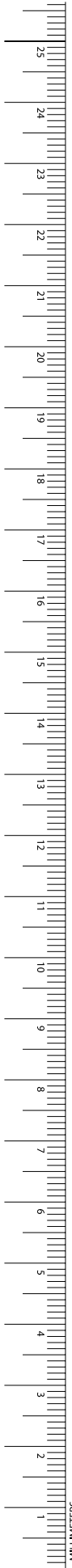
**EL-D-184**  
Ball burnisher/spatula,  
Micro spatula, angulated  
175 mm, 7"



**EL-D-185**  
Ball burnisher/spatula,  
Micro spatula, straight  
175 mm, 7"



# Periodontics



Condensation of the filling material with the round plugger (in round canals).



**EL-D-186**  
Plugger, round, angulated, 90°  
175 mm, 7"



**EL-D-187**  
Plugger, round with angulated shaft and tip, one tip is undercut  
175 mm, 7"

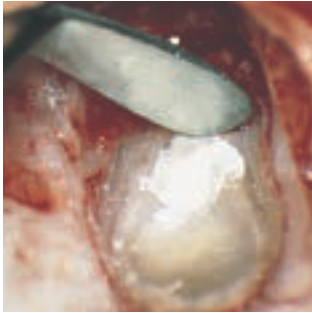


**EL-D-188**  
Plugger, round with angulated shaft and tip, one tip is undercut  
175 mm, 7"

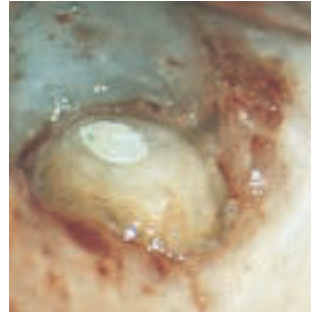


**EL-D-189**  
Plugger, round with angulated shaft and tip  
175 mm, 7"

**Practical Example: Using the Microsurgical Instrument Set for Endodontics, acc. to Dr. P. VELVART**



Removal of excess filling material with the micro carver (DB411R).



Final result after the root resection and retrograde filling.

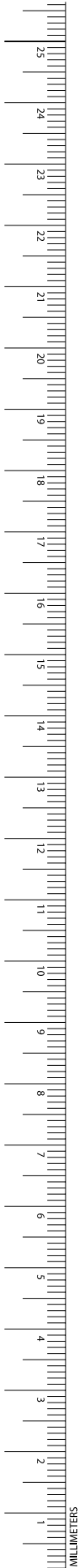


**EL-D-190**

Micro carver  
175 mm, 7"



Periodontics



**EL-D-191**  
 Root spreader  
 160 mm, 6 1/4"



**EL-D-192**  
 Pin holding forceps with lock  
 150 mm, 6"



**EL-D-193**

Forceps for pins at broken nerve instruments  
130 mm, 5 1/8"

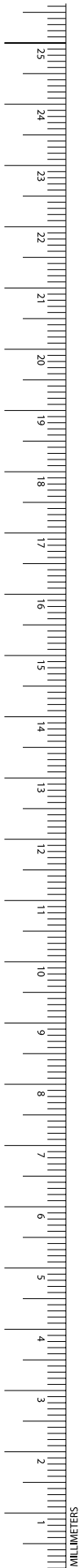


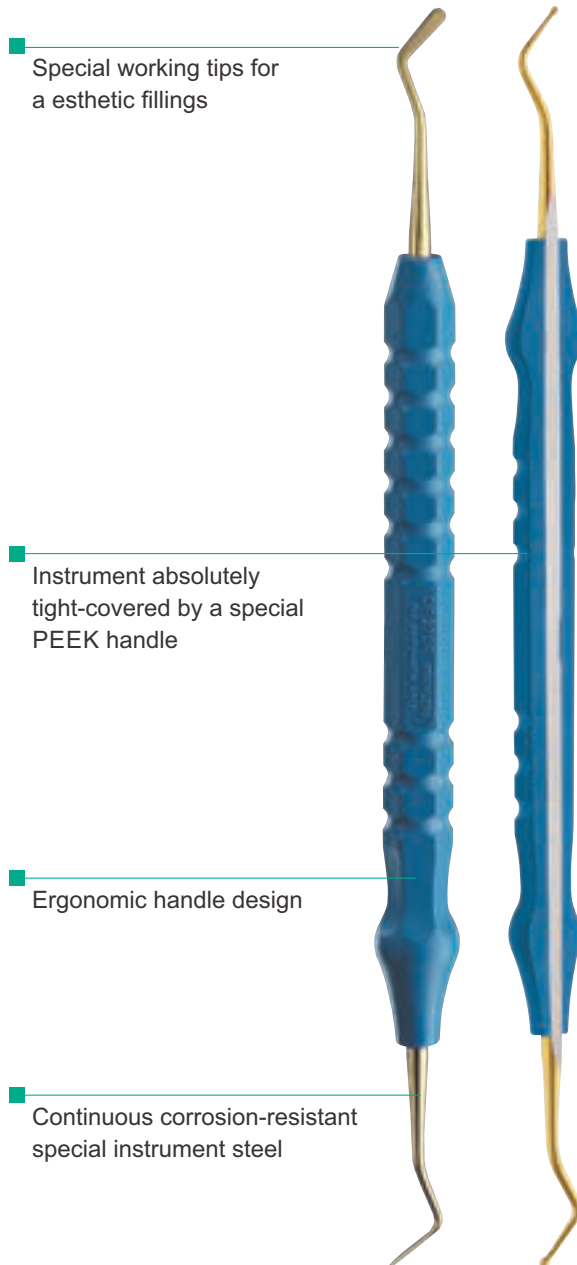
**EL-D-194**

Forceps for pins at broken nerve instruments  
125 mm, 5"



# anatomic filling





■ Special working tips for a esthetic fillings

■ Instrument absolutely tight-covered by a special PEEK handle

■ Ergonomic handle design

■ Continuous corrosion-resistant special instrument steel

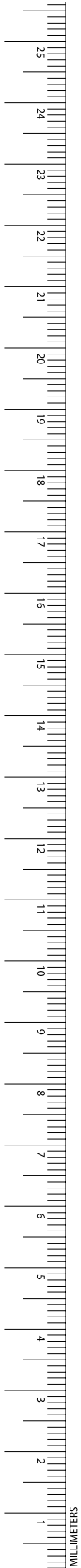
## ... millionfold approved!

- Anatomical “high-tech” shape
- Extra light and “handy” allows more fatigue-free working
- Axial- and torsion support avoids “slip-down”
- Ensures a more sensitive and efficient working
- Colored handle prevents mix-up:
  - blue handle for Composite
  - green handle for Amalgam
- Suitable for steam sterilization 134°C (Autoclave) and hot air sterilization up to 240°C





**Preservation**



**EL-D-195**

Composite instrument for exact  
molding of the cusp  
175 mm, 7"



**EL-D-196**

Composite instrument for exact  
molding of the cusp  
175 mm, 7"



**EL-D-197**

Composite instrument for  
adapting composite to the edges  
175 mm, 7"



**EL-D-198**

Composite plugger ball pointed, for maximum condensation of the material  
175 mm, 7"



**EL-D-200**

Composite plugger ball pointed, contra-angle, for maximum condensation of the material  
175 mm, 7"

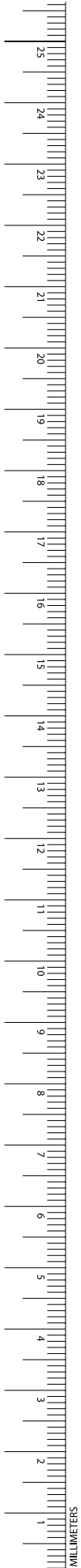


**EL-D-199**

HEIDEMANN Composite spatula; used for application of composite in the cavity  
175 mm, 7"



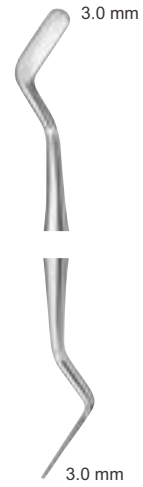
**Preservation**



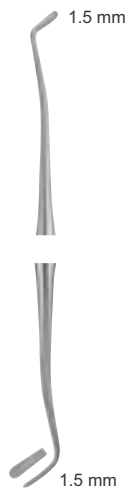
**EL-D-201**  
Spatula, rigid  
175 mm, 7"



**EL-D-202**  
Spatula, rigid  
175 mm, 7"



**EL-D-203**  
Spatula, rigid  
175 mm, 7"



**EL-D-204**  
Spatula  
175 mm, 7"



**EL-D-205**  
Spatula  
175 mm, 7"



**EL-D-206**  
Spatula  
175 mm, 7"



HEIDEMANN

**EL-D-207**

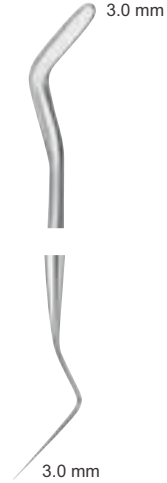
Spatulas, elastic,  
especially flexible  
175 mm, 7"



HEIDEMANN

**EL-D-208**

Spatulas, elastic,  
especially flexible  
175 mm, 7"



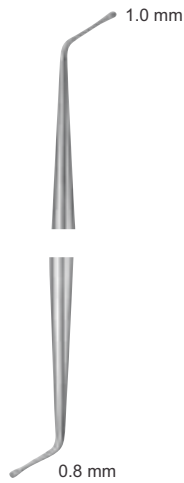
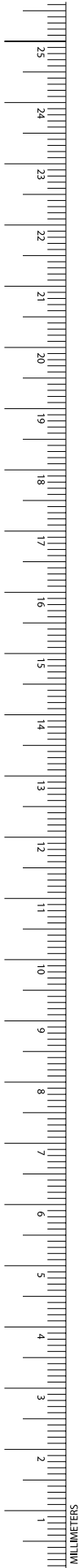
HEIDEMANN

**EL-D-209**

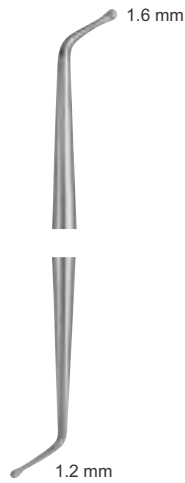
Spatulas, elastic,  
especially flexible  
175 mm, 7"



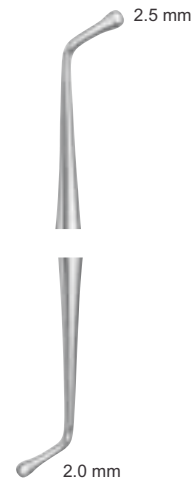
**Preservation**



**EL-D-210**  
Pluggers – Exaxial Set  
175 mm, 7"



**EL-D-211**  
Pluggers – Exaxial Set  
175 mm, 7"



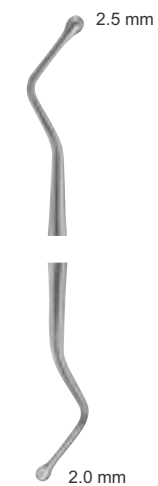
**EL-D-212**  
Pluggers – Exaxial Set  
175 mm, 7"



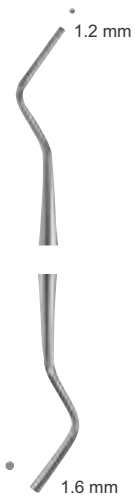
**EL-D-213**  
Pluggers – Contra-Angle Set  
175 mm, 7"



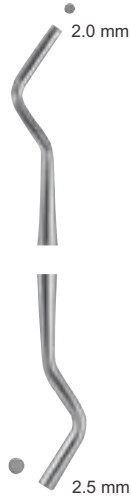
**EL-D-214**  
Pluggers – Contra-Angle Set  
175 mm, 7"



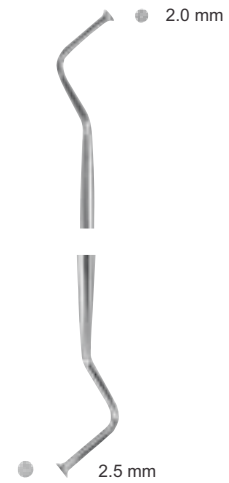
**EL-D-215**  
Pluggers – Contra-Angle Set  
175 mm, 7"



**EL-D-216**  
Condenser – Contra-Angle Set  
175 mm, 7"



**EL-D-217**  
Condenser – Contra-Angle Set  
175 mm, 7"



**EL-D-220**  
Condenser  
for applying medicaments, lining of cavities and condensing amalgam  
175 mm, 7"



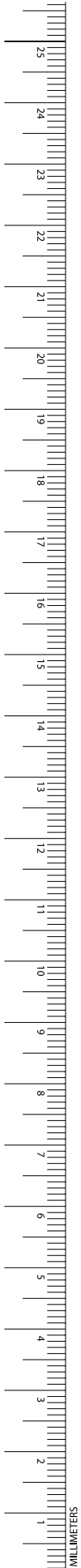
**EL-D-218**  
Pluggers – Three-Angle Set  
175 mm, 7"



**EL-D-219**  
Pluggers – Three-Angle Set  
175 mm, 7"



Preservation



HOLLENBACK

**EL-D-221**

Fig. 3  
Instrument for molding  
175 mm, 7"



HOLLENBACK

**EL-D-222**

Fig. 1/2  
Instrument for molding  
175 mm, 7"



**EL-D-223**

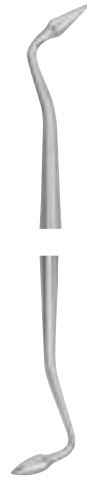
Instrument for molding  
175 mm, 7"

## Instruments for the Anatomic Molding of Filling Surfaces



WESTCOTT  
**EL-D-224**

Fig. 21  
Instrument for molding  
175 mm, 7"



WESTCOTT  
**EL-D-225**

Fig. 21B  
Instrument for molding  
175 mm, 7"



FRAHM  
**EL-D-226**

Instrument for molding  
175 mm, 7"



**EL-D-227**

Instrument for molding  
175 mm, 7"



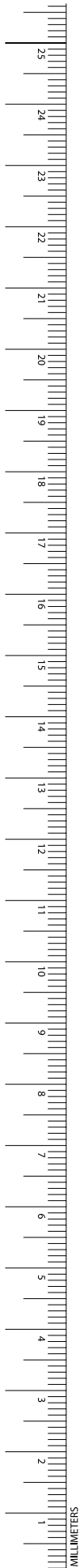


## Preservation

The ideal solution for processing  
microfilled and fine hybrid  
composites special high-gloss  
polished and gold-plated  
working tips

- Therefore less adhesion  
and better processing of  
the composite

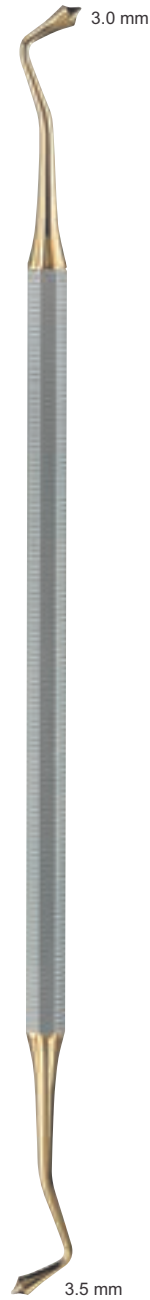
For Composite only!



### EL-D-228

Composite instrument  
for exact molding of the  
cusp

170 mm, 6<sup>3</sup>/<sub>4</sub>"



### EL-D-229

Composite instrument  
for exact molding of the  
cusp

170 mm, 6<sup>3</sup>/<sub>4</sub>"



### EL-D-230

Composite carving  
instrument for removing  
excess material

160 mm, 6<sup>1</sup>/<sub>4</sub>"



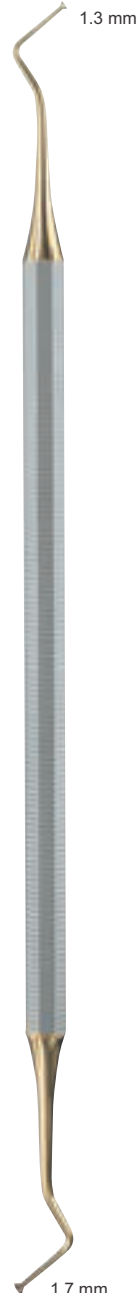
**EL-D-231**

Composite instrument for adapting composite to the cavity edges  
165 mm, 6<sup>1</sup>/<sub>2</sub>"



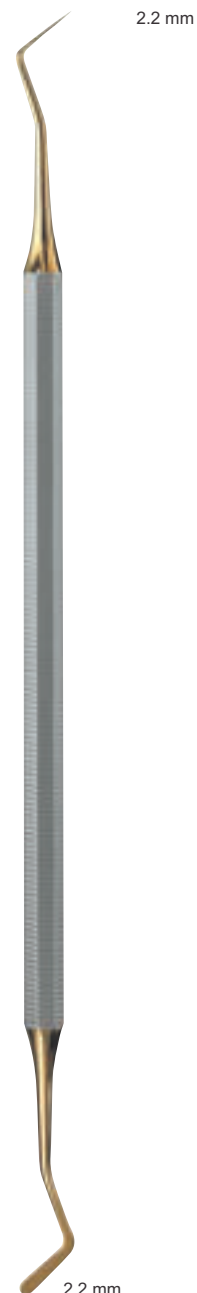
**EL-D-232**

Flat composite condenser with trumpet shape for dense application in the cavity base. Excess material applied can be quickly removed  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-233**

Flat composite condenser with trumpet shape for dense application in the cavity base. Excess material applied can be quickly removed  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

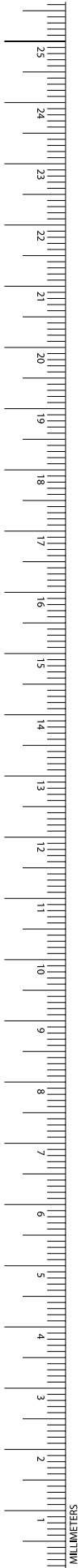


**EL-D-234**

HEIDEMANN Composite spatula used for application of composite in the cavity  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



Preservation



**EL-D-235**

Composite contra-angle plugger for high condensation of the material

170 mm, 6¾"

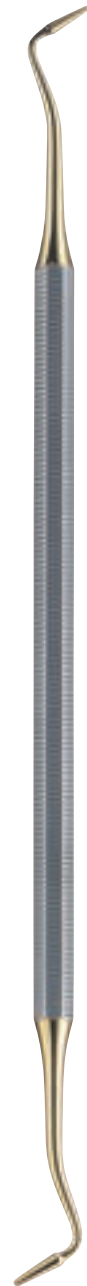


FREEDMAN

**EL-D-236**

Composite Condenser, cone shaped, for condensation and molding

170 mm, 6¾"



FREEDMAN

**EL-D-237**

Composite Condenser, cone shaped, for condensation and molding

170 mm, 6¾"



FREEDMAN

**EL-D-238**

Composite Instrument for molding of occlusal surfaces of bicuspid and molars

175 mm, 7"



BLACK  
**EL-D-239**

Plastic-filling  
instrument  
150 mm, 6"



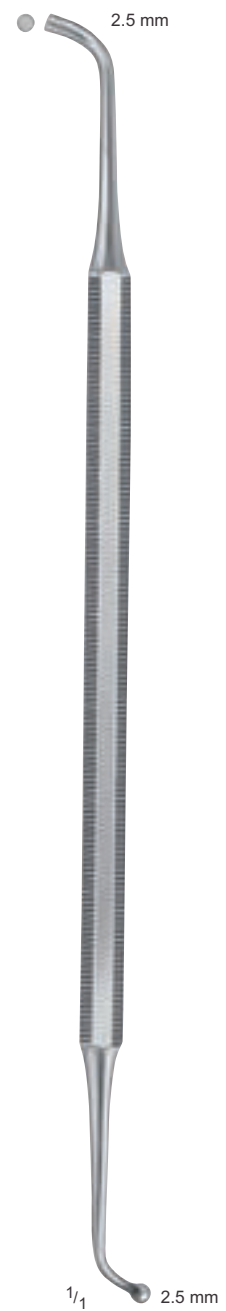
BLACK  
**EL-D-240**

Plastic-filling  
instrument  
170 mm, 6 3/4"



BLACK  
**EL-D-241**

Plastic-filling  
instrument  
170 mm, 6 3/4"

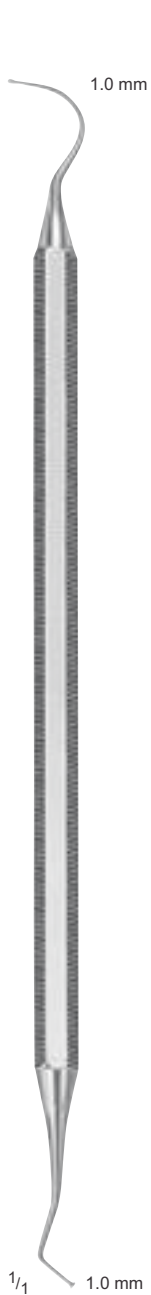
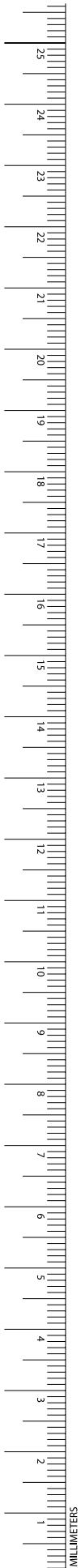


BLACK  
**EL-D-242**

Plastic-filling  
instrument  
170 mm, 6 3/4"

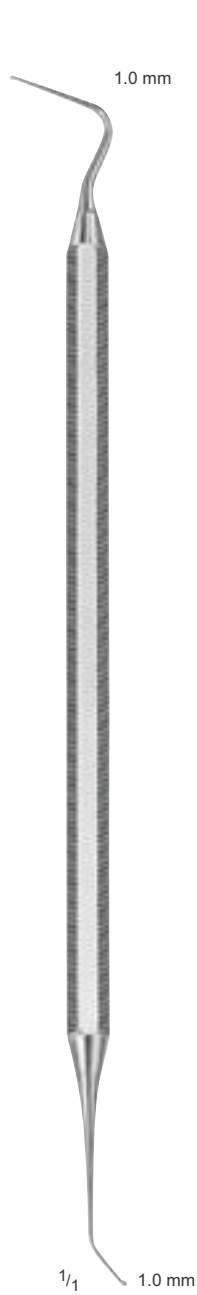


## Preservation



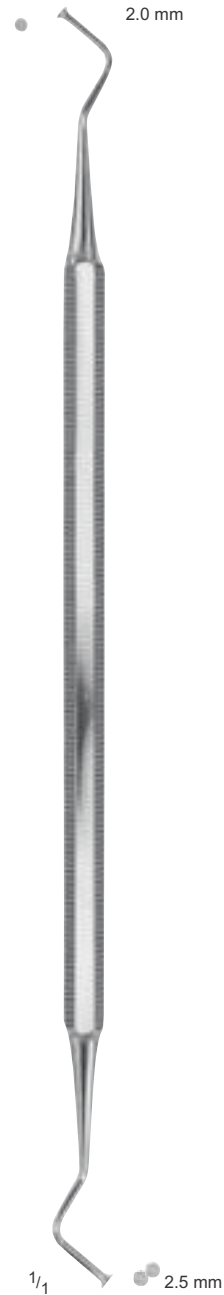
### EL-D-243

For applying and plugging of lower filling material and plastic filling material  
160 mm, 6 1/4"



### EL-D-244

For applying lower filling material and protective varnish out of calcium hydroxide and glass ionomers.  
160 mm, 6 1/4"



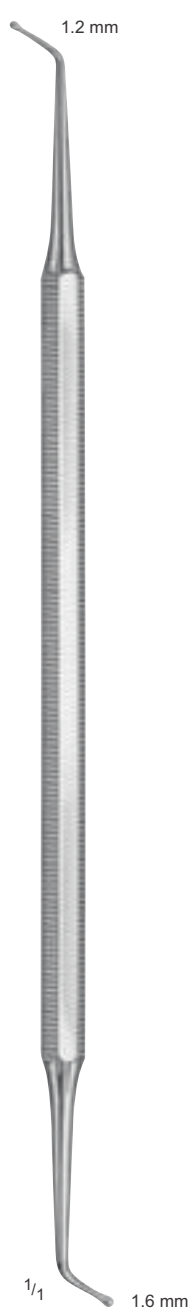
### BÜCHS

### EL-D-245

For applying medicaments, lining of cavities and condensing of amalgam  
170 mm, 6 3/4"



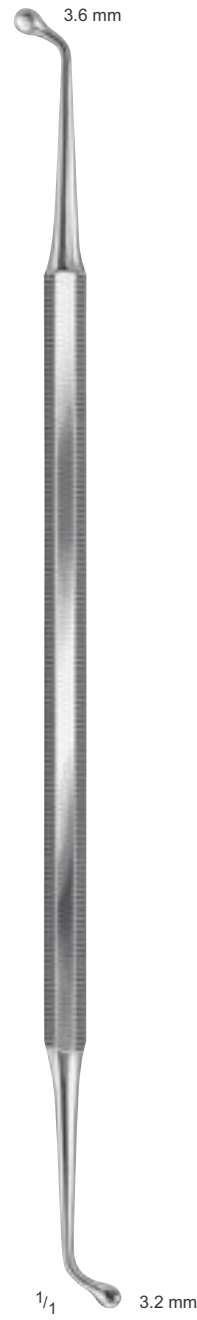
**EL-D-246**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



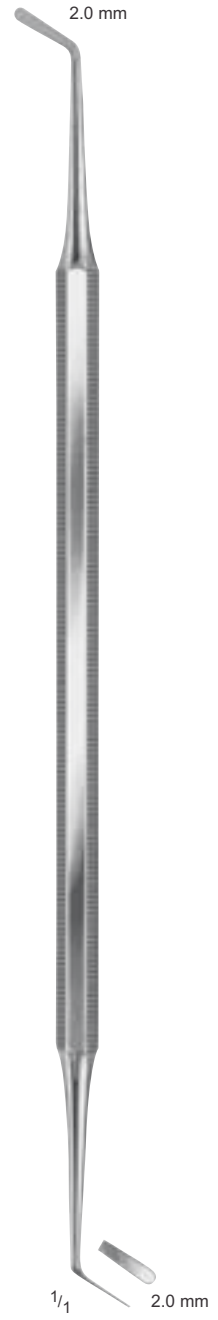
**EL-D-247**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-248**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



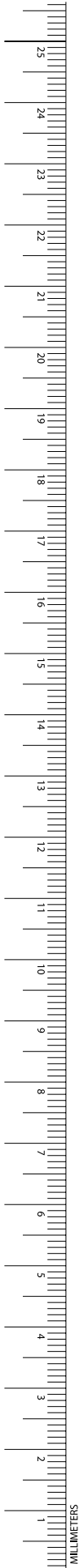
**EL-D-249**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



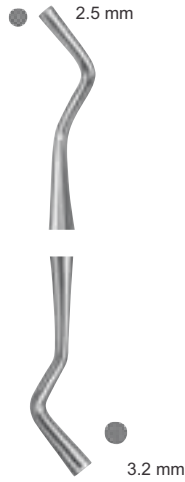
**EL-D-250**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**Preservation**



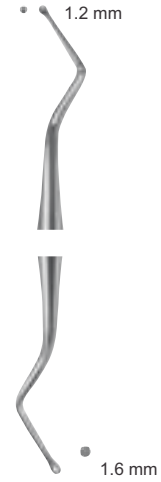
**EL-D-251**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-252**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-253**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-254**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-255**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-256**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



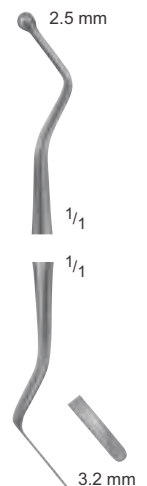
**EL-D-257**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-258**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-259**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-260**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

## Plastic-Filling Instruments, Contra-Angle Set and Three-Angle Set



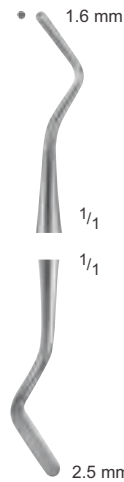
**EL-D-261**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-262**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-263**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

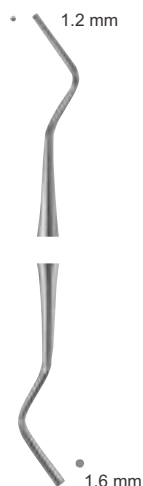


**EL-D-264**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

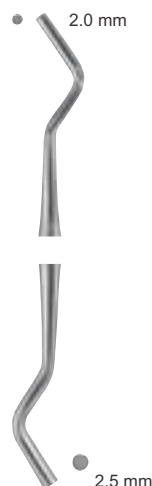
### Three-Angle Set



**EL-D-265**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-266**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-267**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-268**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

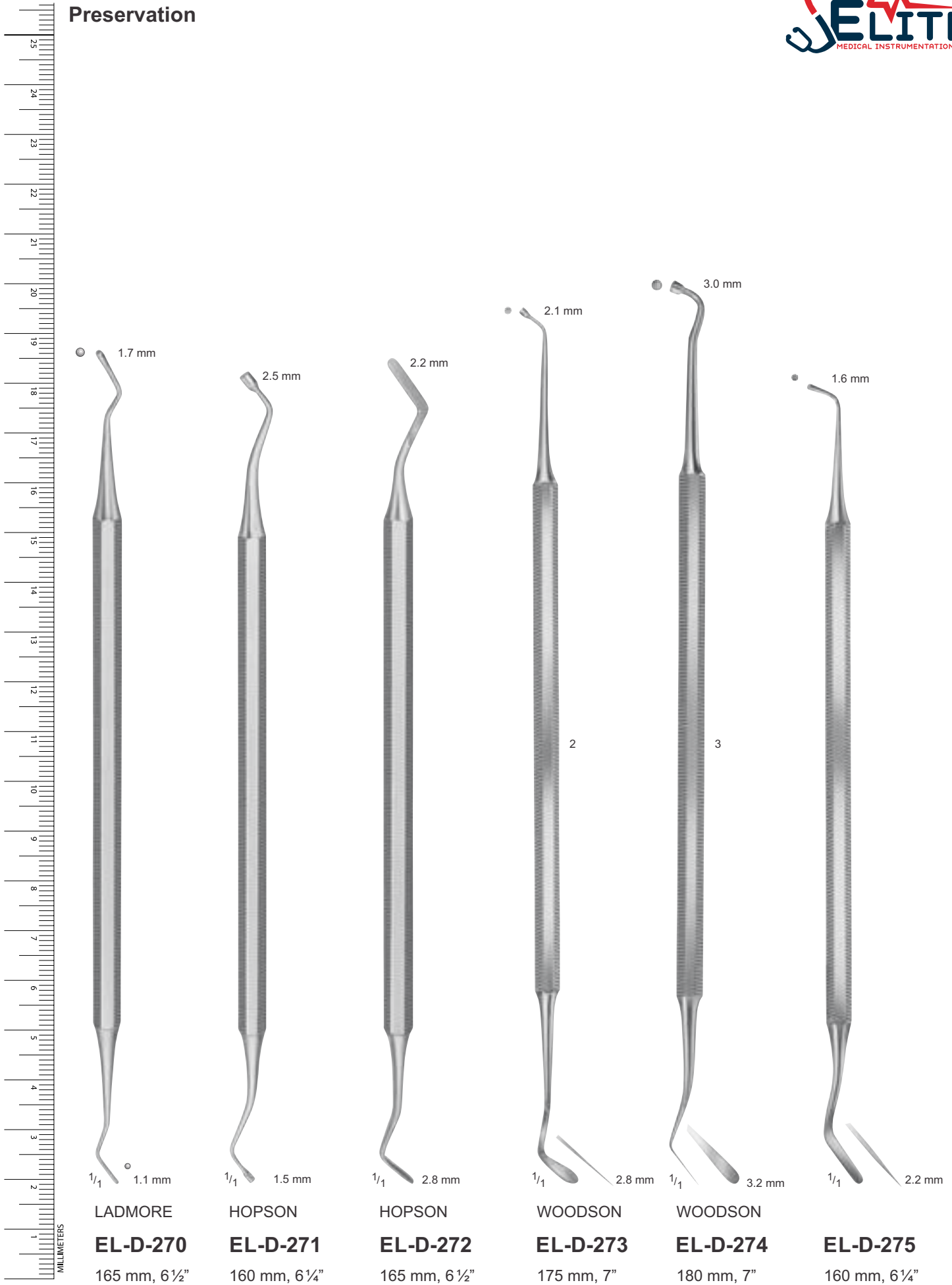


**EL-D-269**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"





**Preservation**

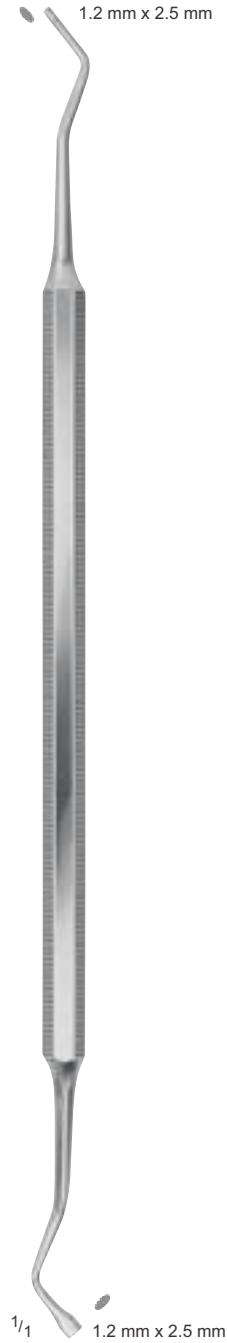




HOLLENBACK  
**EL-D-276**  
175 mm, 7"



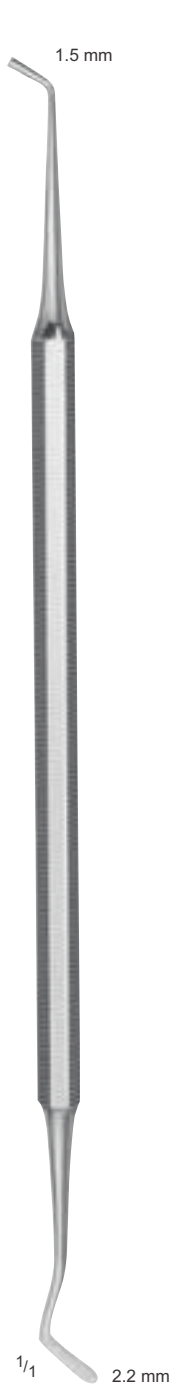
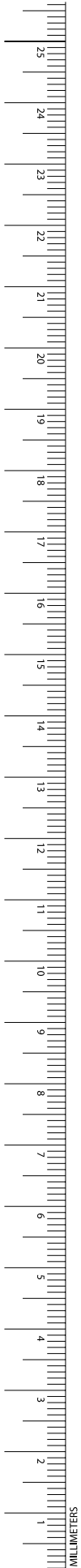
HOLLENBACK  
**EL-D-277**  
175 mm, 7"



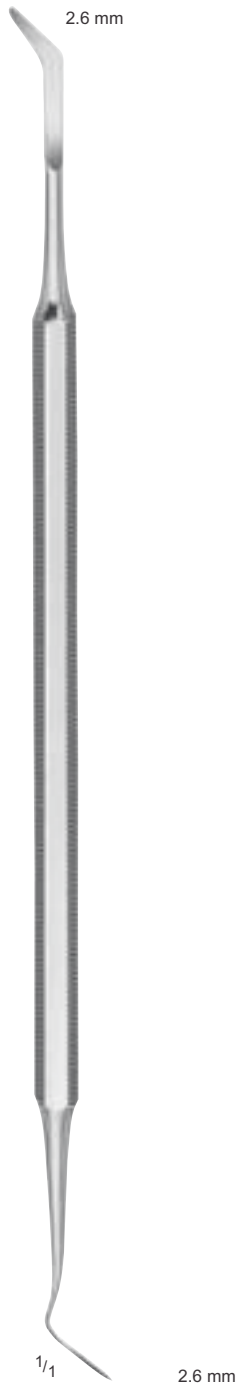
HOLLENBACK  
**EL-D-278**  
175 mm, 7"



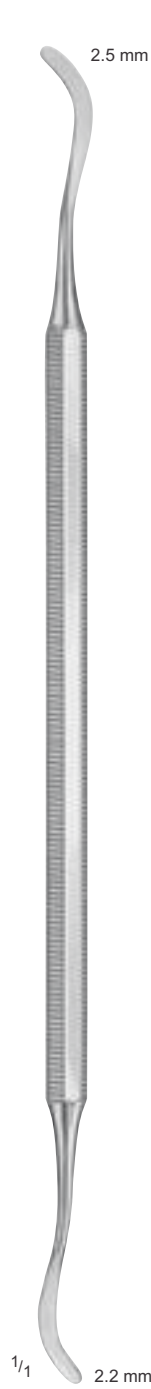
**Preservation**



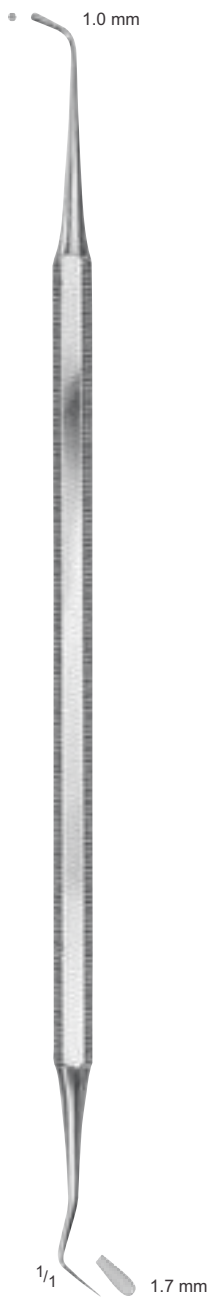
WHITE  
**EL-D-279**  
175 mm, 7"



WHITE  
**EL-D-280**  
180 mm, 7"



FOSTER FLAGG  
**EL-D-281**  
175 mm, 7"



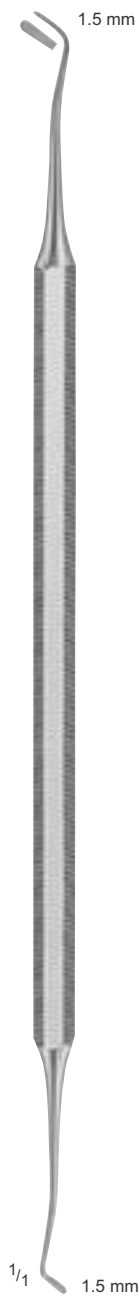
**EL-D-282**

170 mm, 6 3/4"



**EL-D-283**

170 mm, 6 3/4"



**EL-D-284**

170 mm, 6 3/4"



**EL-D-285**

170 mm, 6 3/4"

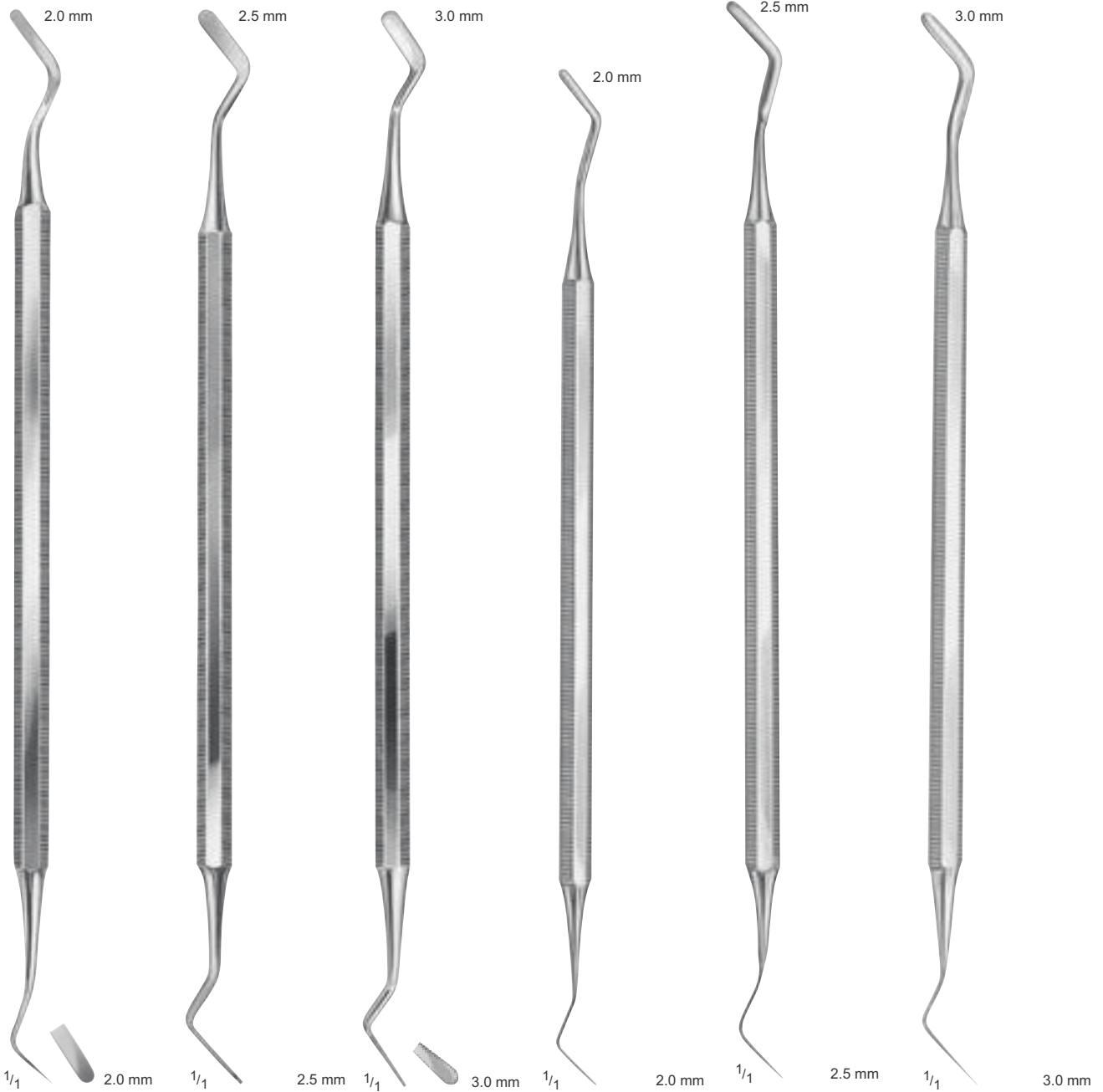


**EL-D-286**

170 mm, 6 3/4"



**Preservation**



**EL-D-287**  
Spatula rigid  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

**EL-D-288**  
Spatula rigid  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

**EL-D-289**  
Spatula rigid  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

HEIDEMANN  
**EL-D-290**  
Spatula elastic,  
especially flexible  
160 mm, 6<sup>1</sup>/<sub>4</sub>"

HEIDEMANN  
**EL-D-291**  
Spatula elastic,  
especially flexible  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

HEIDEMANN  
**EL-D-292**  
Spatula elastic,  
especially flexible  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



$\frac{1}{4}$   
WESTCOTT  
**EL-D-293**  
Burnisher  
170 mm, 6 $\frac{3}{4}$ "



$\frac{1}{4}$   
WESTCOTT  
**EL-D-294**  
Burnisher  
170 mm, 6 $\frac{3}{4}$ "



1.4 mm  
 $\frac{1}{4}$  2.6 mm  
WALLIS  
**EL-D-295**  
Burnisher  
170 mm, 6 $\frac{3}{4}$ "



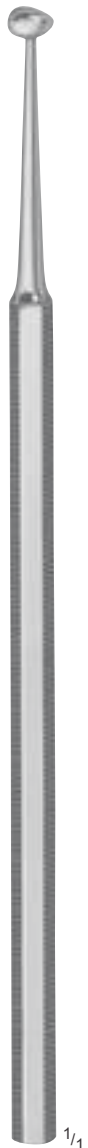
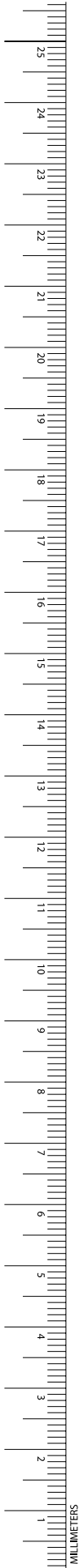
3.0 mm  
 $\frac{1}{4}$  2.0 mm  
HOPSON  
**EL-D-296**  
Burnisher  
165 mm, 6 $\frac{1}{4}$ "



3.6 mm  
 $\frac{1}{4}$  3.2 mm  
WESTCOTT  
**EL-D-297**  
Burnisher  
170 mm, 6 $\frac{3}{4}$ "



Preservation



WHITE

**EL-D-298**

Burnisher  
150 mm, 6"



WHITE

**EL-D-299**

Burnisher  
150 mm, 6"



WHITE

**EL-D-300**

Burnisher  
150 mm, 6"



WHITE

**EL-D-301**

Burnisher  
150 mm, 6"



**EL-D-302**

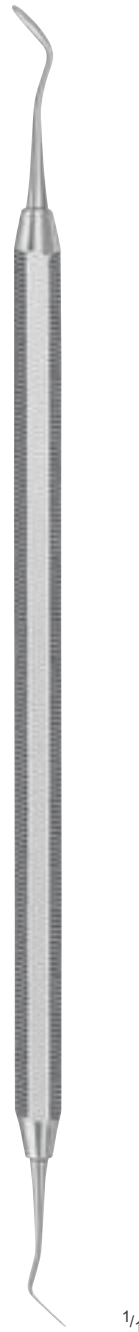
Finishing instrument  
165 mm, 6½"



HOLLENBACK

**EL-D-303**

Finishing instrument  
170 mm, 6¾"



HOLLENBACK

**EL-D-304**

Fig. 1/2  
Finishing instrument  
175 mm, 7"



HOLLENBACK

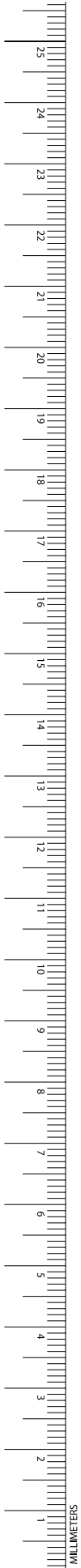
**EL-D-305**

Fig. 3  
Finishing instrument  
170 mm, 6¾"

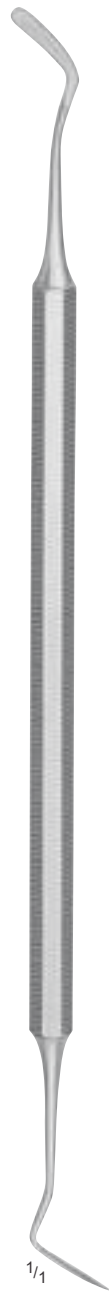




Preservation



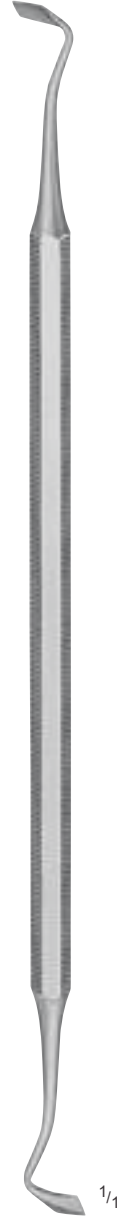
WARD  
**EL-D-306**  
 Finishing instrument  
 170 mm, 6¾"



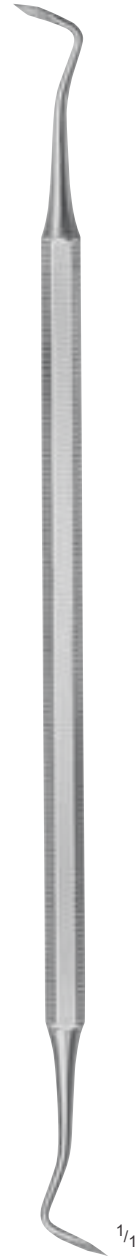
WARD  
**EL-D-307**  
 Finishing instrument  
 170 mm, 6¾"



**EL-D-308**  
 Finishing instrument  
 160 mm, 6¼"



FRAHM  
**EL-D-309**  
 Finishing instrument  
 160 mm, 6¼"



FRAHM  
**EL-D-310**  
 Finishing instrument  
 165 mm, 6½"



**EL-D-311**  
with metal tip  
135 mm, 5 1/4"



**EL-D-312**  
with metal tip  
145 mm, 5 3/4"  
with plastic tip  
150 mm, 6"



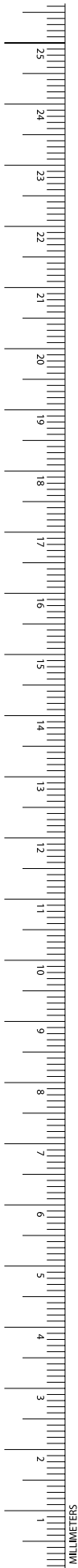
**EL-D-313**  
Plastic tip only  
for DF017R



**EL-D-314**  
Metal tip only  
for DF014R  
and DF016R



**Preservation**



**EL-D-315**  
 Forceps for articulating paper  
 150 mm, 6"



**EL-D-316**  
 Filling remover  
 140 mm, 5½"

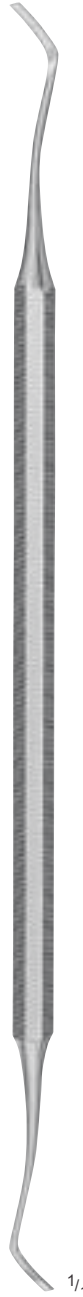


**EL-D-317**

77/78

Gingival margin trimmer,  
distal

170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-318**

79/80

Gingival margin trimmer,  
mesial

170 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-319**

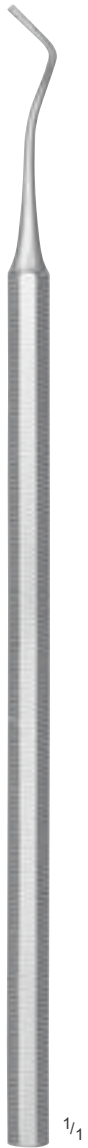
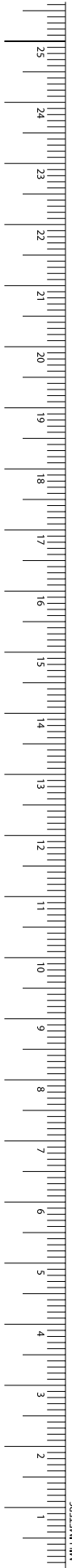
Carving instrument  
cleoid/discoid

170 mm, 6<sup>3</sup>/<sub>4</sub>"



Preservation

Enamel chisels



BLACK  
**EL-D-320**  
 Cutting instrument  
 150 mm, 6"



BLACK  
**EL-D-321**  
 Cutting instrument  
 150 mm, 6"

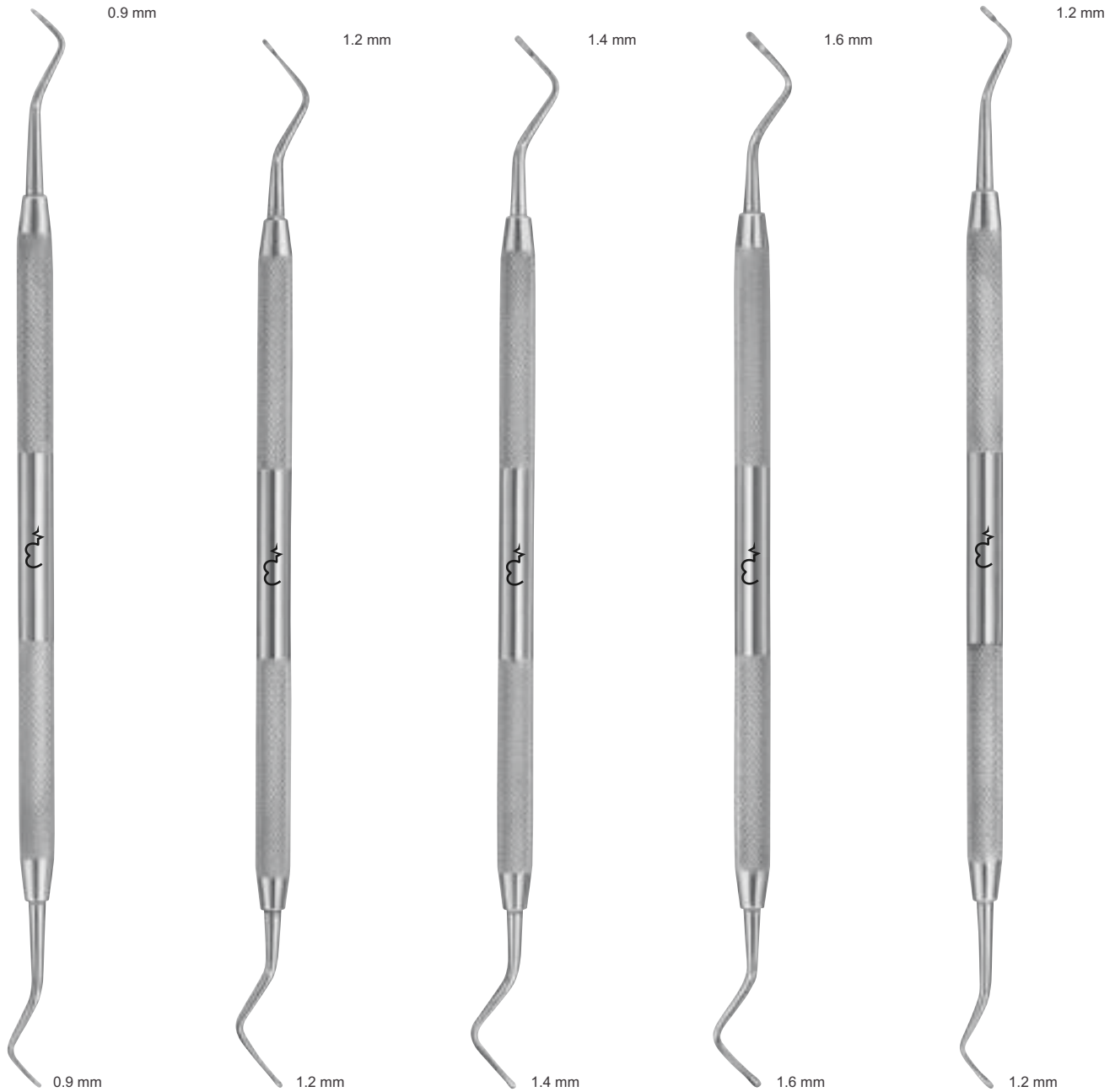


BLACK  
**EL-D-322**  
 Cutting instrument  
 150 mm, 6"



BLACK  
**EL-D-323**  
 Cutting instrument  
 150 mm, 6"

Delicate models



**EL-D-324**

Fig. 0

Excavator

170 mm, 6<sup>3</sup>/<sub>4</sub>"

**EL-D-325**

Fig. 1

Excavator

165 mm, 6<sup>1</sup>/<sub>2</sub>"

**EL-D-326**

Fig. 2

Excavator

165 mm, 6<sup>1</sup>/<sub>2</sub>"

**EL-D-327**

Fig. 3

Excavator

165 mm, 6<sup>1</sup>/<sub>2</sub>"

**EL-D-328**

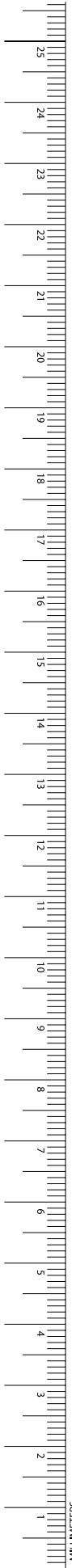
Fig. 4

Excavator

170 mm, 6<sup>3</sup>/<sub>4</sub>"

INCHES

**Preservation**



**EL-D-329**  
139/140  
spoon shaped  
170 mm, 6 3/4"



**EL-D-330**  
141/142  
spoon shaped  
170 mm, 6 3/4"



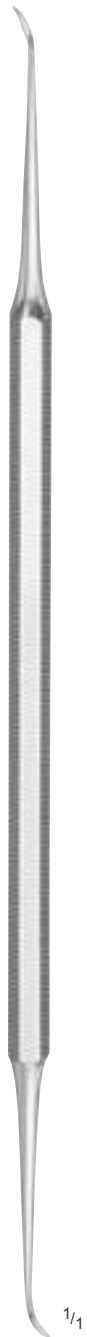
**EL-D-331**  
171/172  
170 mm, 6 3/4"



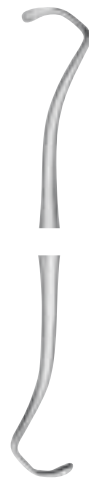
**EL-D-332**  
175/176  
170 mm, 6 3/4"



**EL-D-333**  
179/180  
170 mm, 6 3/4"



WHITE  
**EL-D-334**  
Fig. 5  
175 mm, 7"



WHITE  
**EL-D-335**  
Fig. 14  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



WHITE  
**EL-D-336**  
Fig. 17  
175 mm, 7"



WHITE  
**EL-D-337**  
Fig. 18  
175 mm, 7"



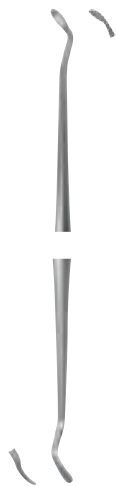
WHITE  
**EL-D-338**  
Fig. 19  
175 mm, 7"



WHITE  
**EL-D-339**  
Fig. 20  
175 mm, 7"



BLACK  
**EL-D-340**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



DARBY-PERRY  
**EL-D-341**  
Fig. 11/12  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



DARBY-PERRY  
**EL-D-342**  
Fig. 13/14  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



DARBY-PERRY  
**EL-D-343**  
Fig. 19/20  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

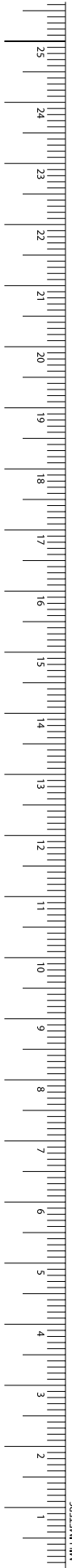


DARBY-PERRY  
**EL-D-344**  
Fig. 21/22  
170 mm, 6<sup>3</sup>/<sub>4</sub>"





Preservation



IVORY

**EL-D-345**

Rubber-dam punch

160 mm, 6 1/4"

Spare parts:

Spiral spring

Spring with screw

Punch disk

Pin, with screw



AINSWORTH

**EL-D-346**

Rubber-dam punch

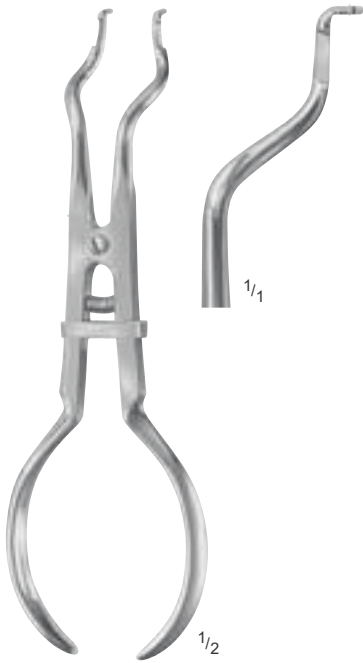
160 mm, 6 1/4"

Spare parts:

Spring with screw

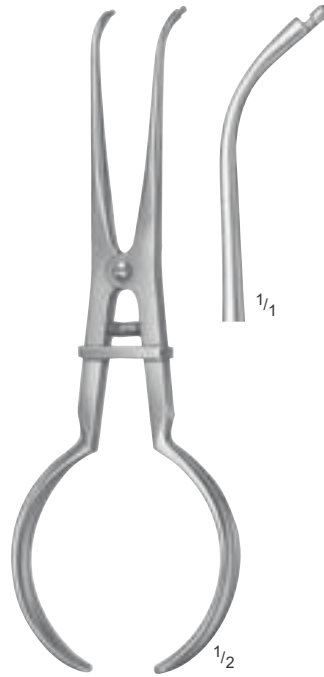
Punch disk

Pin



BREWER  
**EL-D-347**

Clamp forceps  
170 mm, 6 3/4"

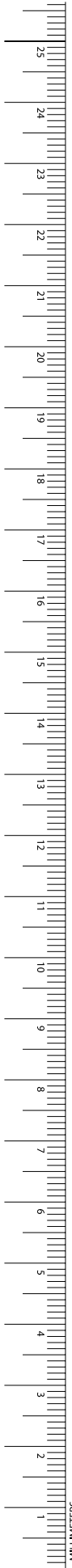


PALMER  
**EL-D-348**

Clamp forceps  
175 mm, 7"



**Preservation**



**EL-D-349** Matrix retainer for strips up to 5 mm width

**EL-D-350** Matrix retainer for strips up to 6 mm width

**EL-D-351** Matrix retainer for strips up to 7 mm width



**NYSTRÖM**  
**EL-D-352**  
Matrix retainer, left for 6 mm strips



**NYSTRÖM**  
**EL-D-353**  
Matrix retainer, right for 6 mm strips

**EL-D-354**  
Matrix retainer Set of two, right and left



TOFFLEMIRE  
**EL-D-355**  
Universal  
Matrix retainer  
for matrices



TOFFLEMIRE  
**EL-D-356**  
Junior  
Matrix retainer  
for matrices



# Dental Surgery

## Dental Surgery



### Scissors

Screw connection providing:

- smooth and reliable function
- longer life time by the possibility of regrinding

### Special hint

Since suture material is rather tough, the cutting capacity of scissors is quickly reduced which is noticeable as soon as tissues are cut afterwards.

### Our solution

To cut sutures with special ligature scissors. The ligature scissors have additionally rounded edges to avoid sutures getting jammed.



### EL-D-357

Micro scissors (spring type), curved, sharp/sharp

180 mm, 7"



### EL-D-358

Micro ligature scissors, curved, sharp/sharp, one blade serrated, for suture material 6/0 – 8/0

180 mm, 7"

**DIADUST™**

**Diamond Powder Coated Forceps**

- non-traumatic and yet firm gripping of sutures and tissues

**DIADUST**

**Diamond Powder Coated Needle Holders**

- Precise gripping of needles and sutures
- long life time, since the degree of the temper of the diamond powder coating is nearly identical to the temper of the needles
- for suture material 6/0 – 9/0



**EL-D-359**

Micro dissecting forceps  
180 mm, 7"



**EL-D-360**

Micro tissue forceps  
180 mm, 7"



**EL-D-363**

Atraumatic  
micro forceps  
180 mm, 7"



**EL-D-364**

Micro needle holder for suture material  
6/0 – 8/0  
180 mm, 7"



# The New Class of Excellence

## Micro Forceps



### Parallel closing working tips

- Enables to grab the soft tissue of the total length of the plateau
- To reduce the contact pressure
- To preserve the delicate soft tissue structures

### The size of the working tip plateaus

- Enables micro surgery
- Allows a precise grabbing of soft tissue and sutures (until 6/0)
- Mitigates the risk of damaging the soft tissue structures

### Shape and Design

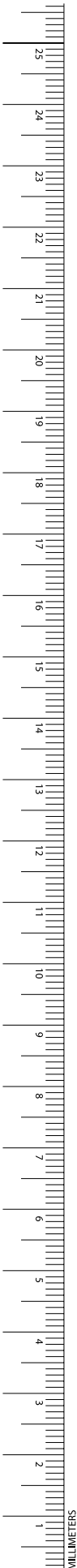
- The waisted shape for a comfortable feel
- The round handle enables the rotation of the instruments with the tips of the fingers
- Well balanced instruments with a centric balance point



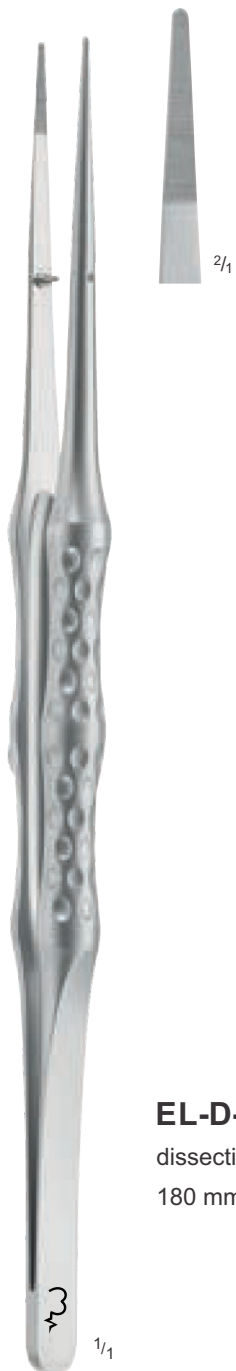
Parallel closing working tips



Straight and curved working tips







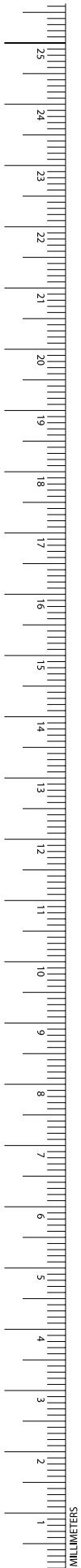
**EL-D-367**  
dissecting, straight  
180 mm, 7"



**EL-D-368**  
dissecting, curved  
175 mm, 6¾"



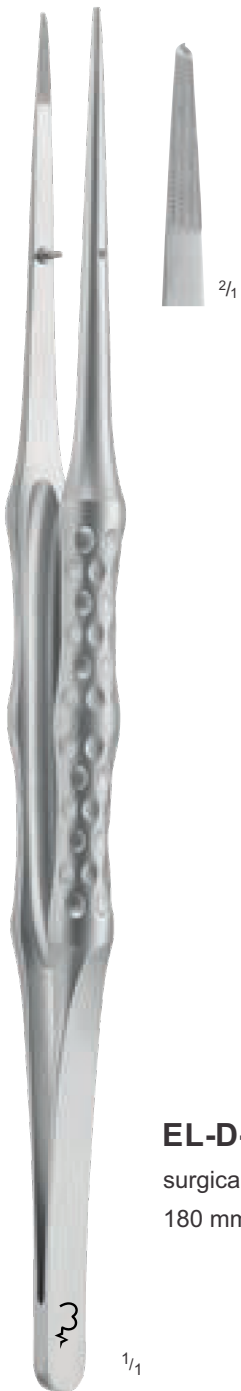
Dental Surgery



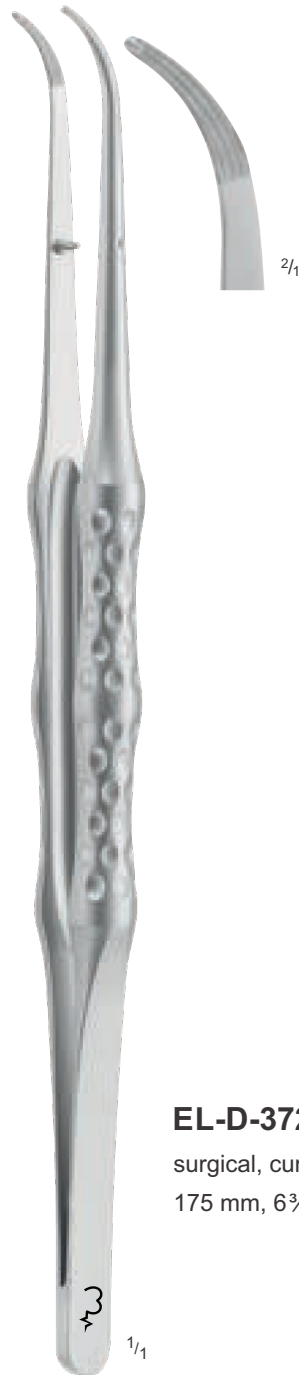
**EL-D-369**  
atraumata, straight  
180 mm, 7"



**EL-D-370**  
atraumata, curved  
175 mm, 6<sup>3</sup>/<sub>4</sub>"



**EL-D-371**  
surgical, straight  
180 mm, 7"



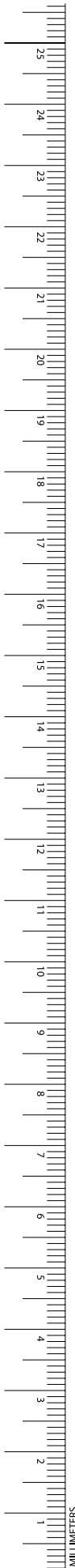
**EL-D-372**  
surgical, curved  
175 mm, 6¾"



# Dental Surgery

stainless steel

sterile



### EL-D-373

Micro scalpel with plastic handle

Sales Unit:

**PAK** = Package of 5 pieces

165 mm, 6 1/2"



### EL-D-374

Micro scalpel with plastic handle

Sales Unit:

**PAK** = Package of 5 pieces

165 mm, 6 1/2"



### EL-D-375

Micro scalpel with plastic handle

Sales Unit:

**PAK** = Package of 5 pieces

165 mm, 6 1/2"

stainless steel    sterile



1/1

**EL-D-376**

Titanium scalpel handle for 150 mm, 6" microsurgery blades, round Microblade holder handle. Light, rotatable and with round handle, handy for precise cutting for precision incisions.  
145 mm, 5 3/4"



1/1

**ERGOPLANT**

**EL-D-377**



1/1

**EL-D-378**

Microsurgery blade  
Sales unit: **PAK** =  
Package of 10 piece



1/1

**EL-D-379**

Microsurgery blade  
Sales unit: **PAK** =  
Package of 10 piece



1/1

**EL-D-380**

Microsurgery blade  
Sales unit: **ST** =  
Package of 1 piece



1/1

**EL-D-381**

Microsurgery blade  
Sales unit: **PAK** =  
Package of 10 pieces



1/1

**EL-D-382**

Microsurgery blade  
Sales unit: **PAK** =  
Package of 10 pieces



1/1

**EL-D-383**

Microsurgery blade  
Sales unit: **ST** =  
Package of 1 piece

60°



1/1

**EL-D-384**

Microsurgery blade  
Sales unit: **PAK** =  
Package of 10 pieces



1/1

**EL-D-385**

Microsurgery blade  
Sales unit: **PAK** =  
Package of 10 pieces



1/1

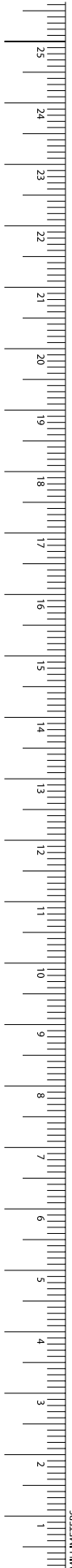
**EL-D-386**

Microsurgery blade  
Sales unit: **ST** =  
Package of 1 piece



INCHES

# Dental Surgery



Scalpel handles for sterile scalpel blades

heat-treated in vacuum

sterile



**EL-D-387**

No. 3  
125 mm, 5"

**EL-D-388**

145 mm, 5 3/4"

**EL-D-389**

No. 7  
160 mm, 6 1/4"



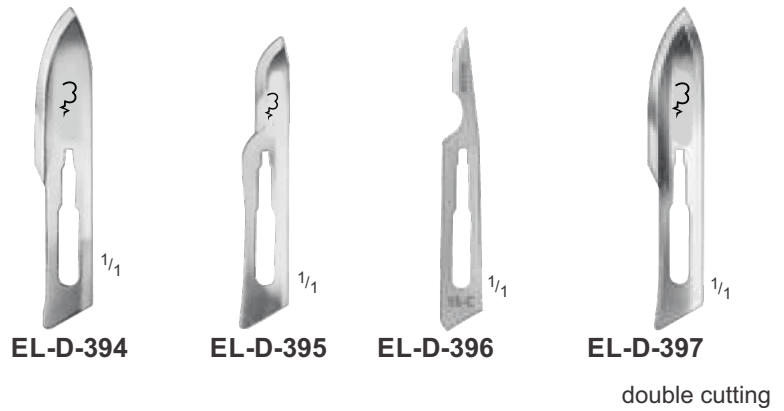
**EL-D-390**

**EL-D-391**

**EL-D-392**

**EL-D-393**

double cutting



**EL-D-394**

**EL-D-395**

**EL-D-396**

**EL-D-397**

double cutting

Scalpel blades  
Sales unit: **PAK** = Package of 100 pieces

Scalpel handles for sterile scalpel blades

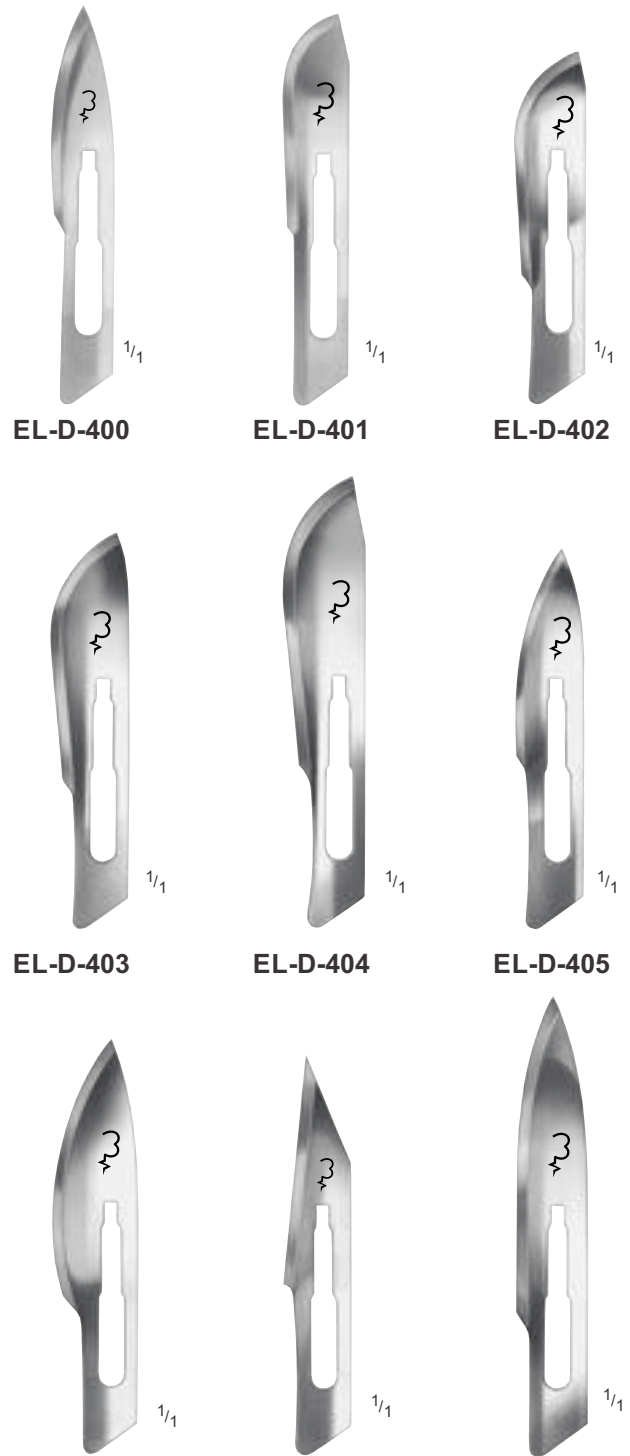
heat-treated in vacuum

sterile



**EL-D-398**  
No. 4  
135 mm, 5 1/4"

**EL-D-399**  
145 mm, 5 3/4"



**EL-D-400**

**EL-D-401**

**EL-D-402**

**EL-D-403**

**EL-D-404**

**EL-D-405**

**EL-D-406**

**EL-D-407**

**EL-D-408**

Scalpel blades  
Sales unit: **PAK** = Package of 100 pieces



## Dental Surgery



- Prevention of infections caused by cuts and stab wounds suffered during hand-over, take-over and disposal of scalpels
- Blade can be locked in safe disposal position



**EL-D-409**

Fig. 10



**EL-D-410**

Fig. 11



**EL-D-411**

Fig. 12



**EL-D-412**

Fig. 13



**EL-D-413**

Fig. 15

Safety scalpels

Sales unit: **PAK** = Package of 10 pieces





**EL-D-414**  
Fig. 15-1



**EL-D-415**  
Fig. 15-C



**EL-D-416**  
Fig. 18



**EL-D-417**  
Fig. 19



**EL-D-418**  
Fig. 20



**EL-D-419**  
Fig. 21



**EL-D-420**  
Fig. 22



**EL-D-421**  
Fig. 23



**EL-D-422**  
Fig. 24



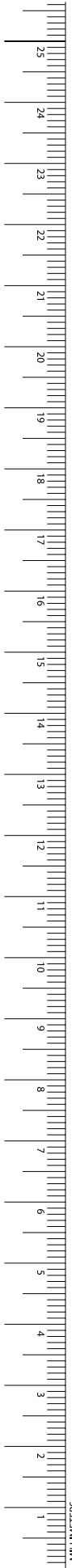
**EL-D-423**  
Fig. 25



**EL-D-424**  
Fig. 36



# Dental Surgery



**EL-D-425**

Fig. 10



**EL-D-426**

Fig. 11



**EL-D-427**

Fig. 12



**EL-D-428**

Fig. 15



**EL-D-429**

Fig. 15-C



**EL-D-430**

Fig. 18



**EL-D-431**

Fig. 19



**EL-D-432**

Fig. 20



**EL-D-433**

Fig. 21



**EL-D-434**

Fig. 22



**EL-D-435**

Fig. 23



**EL-D-436**

Fig. 24



Sterile scalpels with plastic handle and blade protector  
Sales unit: **PAK** = Package of 10 pieces



HEISTER  
**EL-D-437**  
Mouth gag  
130 mm, 5 1/8"



DOYEN-JANSEN  
**EL-D-438**  
Mouth gag  
140 mm, 5 1/2"



DOYEN-COLLIN  
**EL-D-439**  
Mouth gag  
120 mm, 4 3/4"

for children



MOLT  
**EL-D-440**  
Mouth gag  
100 mm, 4"



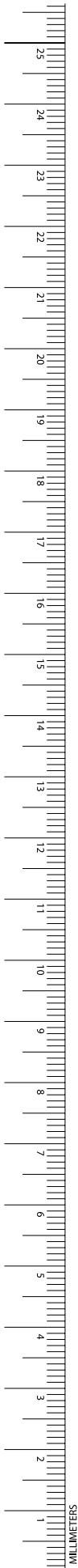
FERGUSSON-ACKLAND  
**EL-D-441**  
Mouth gag  
145 mm, 5 3/4"



**EL-D-442**  
Mouth gag  
125 mm, 5"

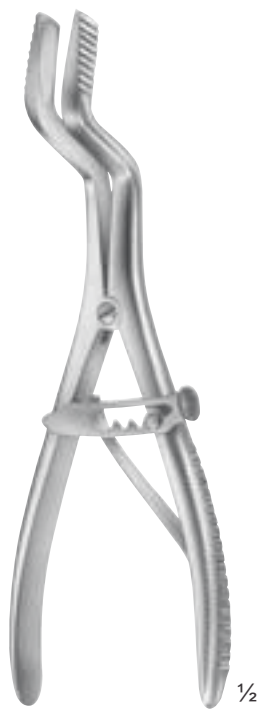


Dental Surgery



ROSER-KÖNIG  
**EL-D-443**

Mouth gag  
160 mm, 6 1/4"



ROSER-KÖNIG  
**EL-D-444**

Mouth gag  
185 mm, 7 1/4"



HARTMANN  
**EL-D-445**

Nasal speculum  
145 mm, 5 3/4"

The mouth wedges are particularly advantageous for longer implantations and also provide support for the patient.



**EL-D-446**

Sales unit: PAK = Package of 2 pieces



**EL-D-447**

Chain with clip lock for DX113-DX115  
450 mm, 17"



ERGOPLANT

**EL-D-448**

Silicone mouth wedge  
Size: S



ERGOPLANT

**EL-D-449**

Silicone mouth wedge with metal core  
Size: M



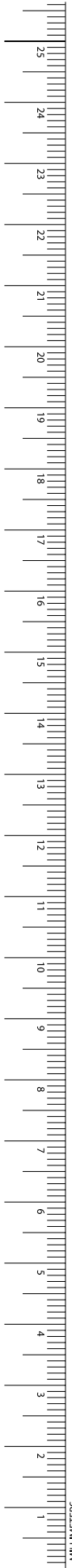
ERGOPLANT

**EL-D-450**

Silicone mouth wedge with metal core  
Size: L



# Dental Surgery



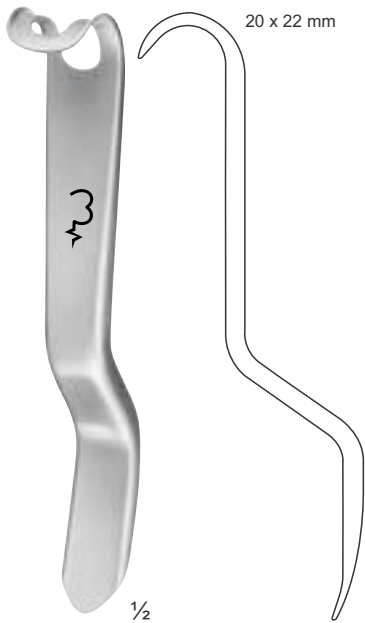
**STERNBERG**

**EL-D-451** 120 mm, 4 3/4"

**EL-D-452** 130 mm, 5 1/8"

**EL-D-453** 135 mm, 5 1/4"

Cheek- and lip retractor



**MINNESOTA, modif.**

**EL-D-454**

Cheek retractor

160 mm, 6 1/4"



**EL-D-455**

Vestibulum hook

140 mm, 5 1/2"



**ERGOPLANT**

**EL-D-456**

Vestibulum hook

220 mm, 8 3/4"

Tongue and Cheek Retractors, Tongue Spatula, ERGOPLANT Tongue Retractor, Tongue Forceps

16 mm



1/2

**EL-D-457**  
Tongue spatula  
145 mm, 5 3/4"

19 mm

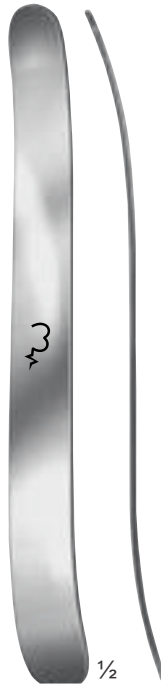


1/2

23 mm

**EL-D-458**  
Tongue spatula  
140 mm, 5 1/2"

19 mm



1/2

23 mm

BUCHWALD  
**EL-D-459**  
Tongue spatula  
180 mm, 7"

12 mm



1/2

15 mm

BRUENINGS  
**EL-D-460**  
Tongue spatula  
190 mm, 7 1/2"



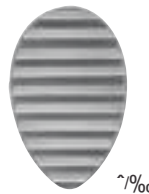
1/2

ERGOPLANT  
**EL-D-461**  
Tongue retractor  
190 mm, 7 1/2"



1/2

YOUNG  
**EL-D-462**  
Tongue Forceps  
165 mm, 6 1/2"

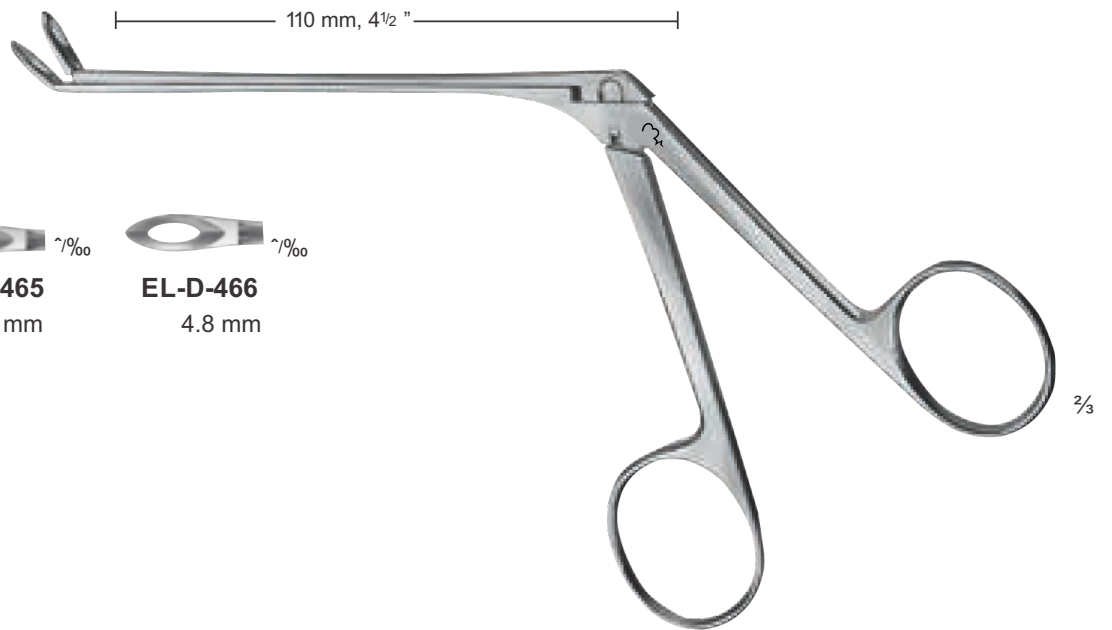
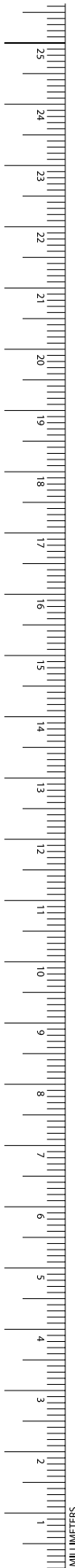





7/100

**EL-D-463**  
1 pair of rubber



Dental Surgery



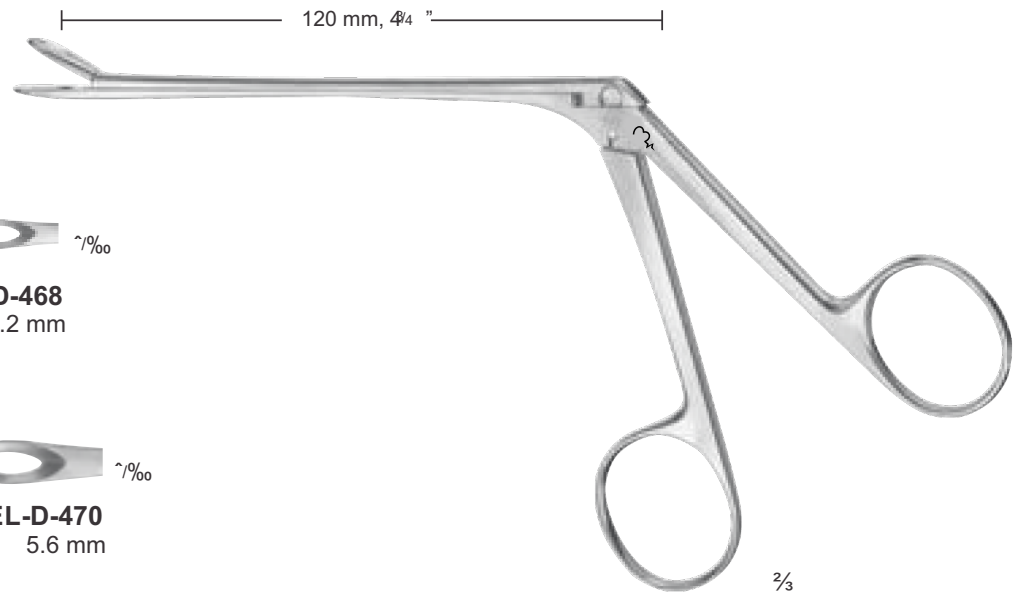
-   
**EL-D-464**  
 3.6 mm
-   
**EL-D-465**  
 4.2 mm
-   
**EL-D-466**  
 4.8 mm





WEIL BLAKESLEY

**EL-D-464-EL-D-466**

Ethmoidal forceps, curved

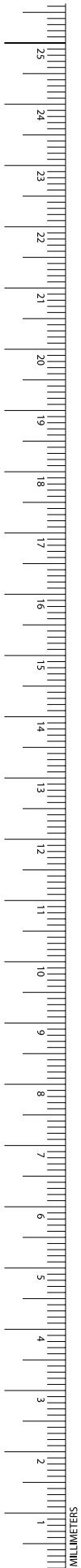




- |   |   |
|---|---|
|  7/100 |  7/100 |
| <b>EL-D-467</b><br>3.6 mm   | <b>EL-D-468</b><br>4.2 mm   |
|  7/100 |  7/100 |
| <b>EL-D-469</b><br>4.8 mm   | <b>EL-D-470</b><br>5.6 mm   |

BLAKESLEY-WILDE  
**EL-D-467-EL-D-470**  
 Ethmoidal forceps, straight

Dental Surgery



**ERGOPLANT**  $\frac{1}{2}$   
**EL-D-471**  
 Tongue retractor  
 190 mm, 7  $\frac{1}{2}$ "

**HARTMANN**  $\frac{7}{100}$   
**EL-D-472**  
 Tongue spatula  
 150 mm

**TOBOLD**  $\frac{7}{100}$   
**EL-D-473**  
 Tongue spatula  
 160 mm

Tongue Spatula, Abdominal and Intestinal Spatula, Brain Spatula



**EL-D-474-EL-D-475**  
Abdominal and Intestinal  
Spatulas

	Dimensions
<b>EL-D-474</b>	12 x 200 mm
<b>EL-D-475</b>	17 x 200 mm

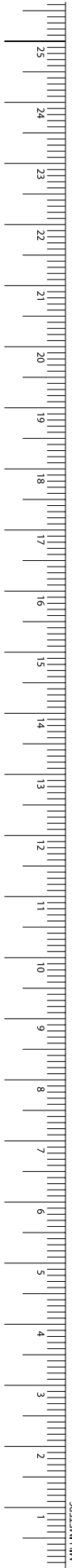


**EL-D-476-EL-D-477**  
Brain spatula, malleable  
double-ended

	Dimensions
<b>EL-D-476</b>	9 x 200 mm
<b>EL-D-477</b>	12 x 200 mm



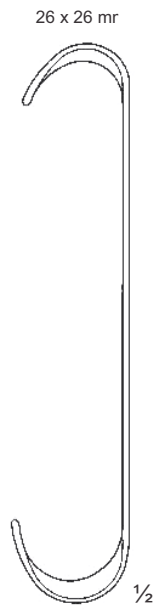
# Dental Surgery



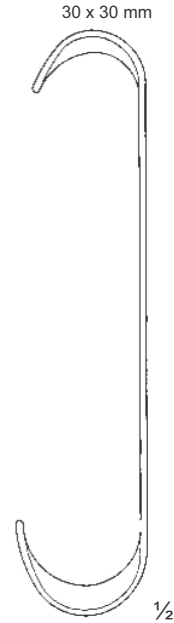
**ROUX**  
**EL-D-478**  
Cheek retractor  
165 mm, 6 1/2"



21 x 22 mm  
**EL-D-479**



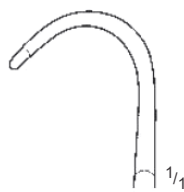
26 x 26 mm  
**EL-D-480**



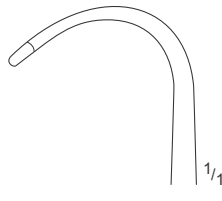
30 x 30 mm  
**EL-D-481**



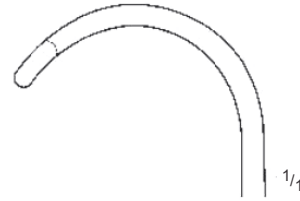
**MIDDELDORPF**  
**EL-D-482-EL-D-484**  
Cheek retractor



**EL-D-482**  
15 x 15 mm,  
220, 8 3/4"



**EL-D-483**  
20 x 22 mm,  
215 mm, 8 1/2"



**EL-D-484**  
28 x 28 mm,  
235 mm, 9 1/4"

**Retractors for retrograde root resection**

The ergonomic design of the handle permits a fatigue-free retraction of the tissue even at longer operations. Before the use of the retractor, 2 slight deepenings are burred in the jaw. The 2 tips at the working end will therefore also provide a secure grip.

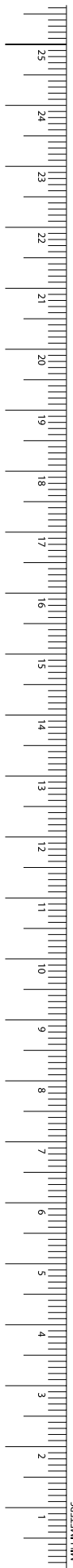


RICHTER

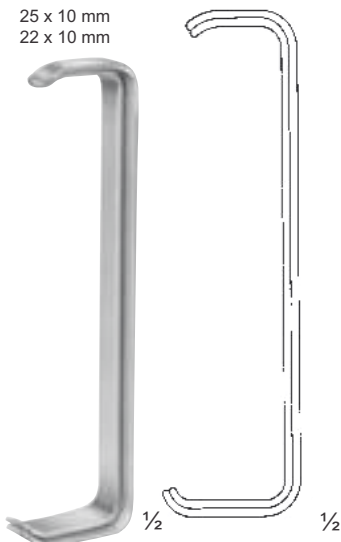
**EL-D-485**

Retractor, fig. 3, width of blade 15 mm, 45°  
200 mm, 8"





25 x 10 mm  
22 x 10 mm

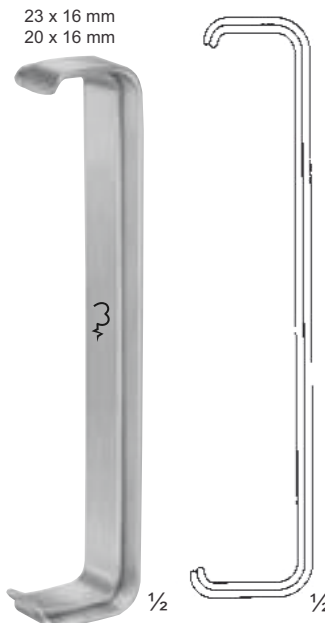


28 x 12 mm  
32 x 12 mm

FARABEUFL  
**EL-D-486**

Retractor  
125 mm, 5"

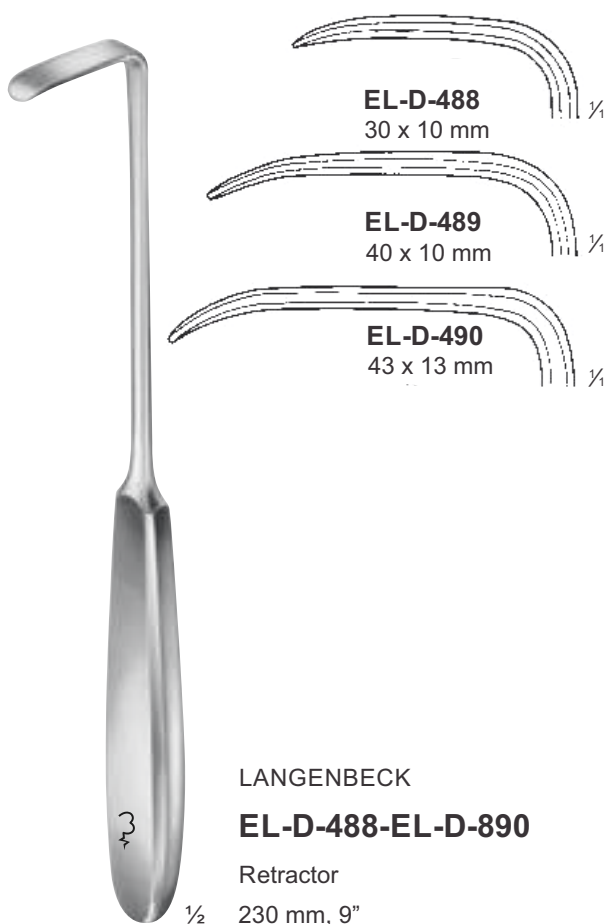
23 x 16 mm  
20 x 16 mm



24 x 16 mm  
28 x 16 mm

FARABEUFL  
**EL-D-487**

Retractor  
150 mm, 6"



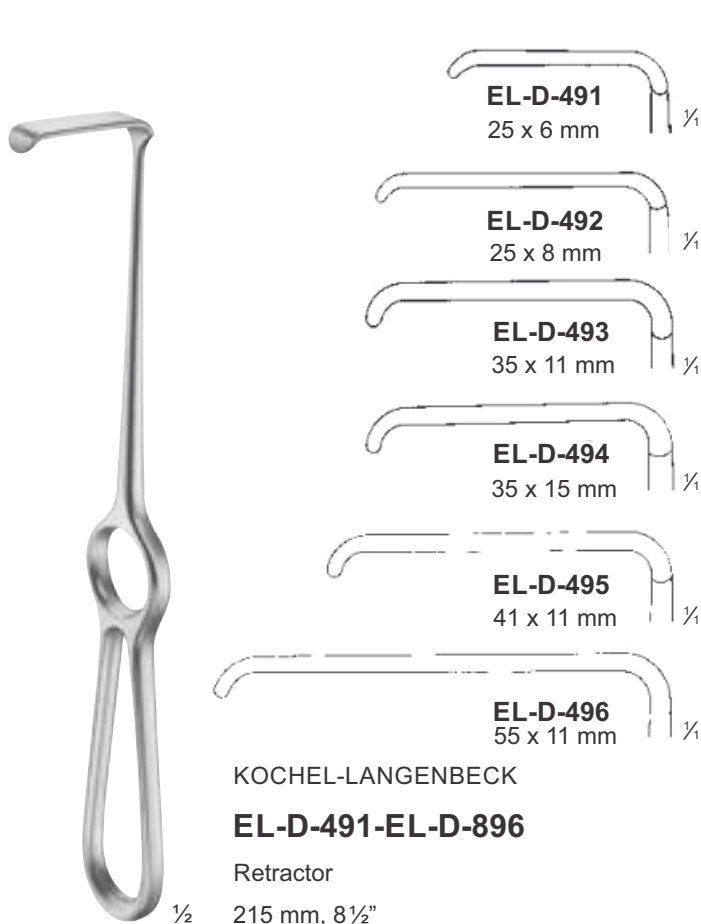
**EL-D-488**  
30 x 10 mm

**EL-D-489**  
40 x 10 mm

**EL-D-490**  
43 x 13 mm

LANGENBECK  
**EL-D-488-EL-D-890**

Retractor  
230 mm, 9"



**EL-D-491**  
25 x 6 mm

**EL-D-492**  
25 x 8 mm

**EL-D-493**  
35 x 11 mm

**EL-D-494**  
35 x 15 mm

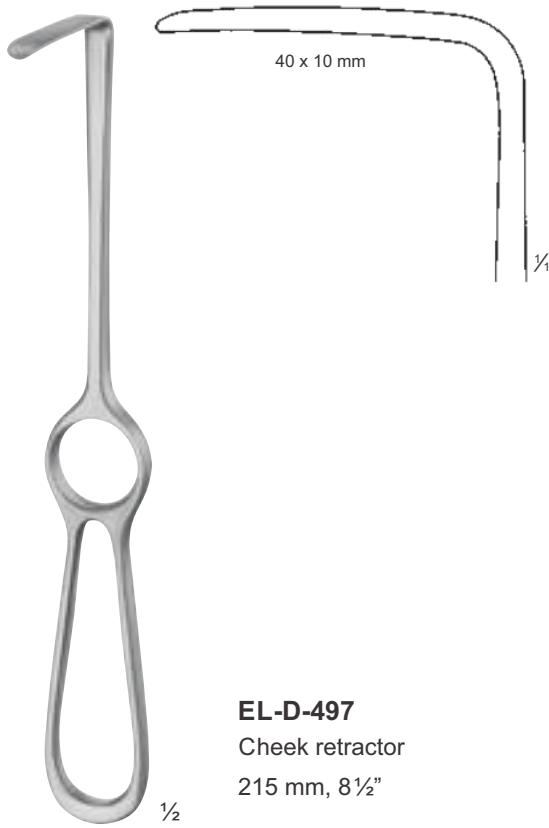
**EL-D-495**  
41 x 11 mm

**EL-D-496**  
55 x 11 mm

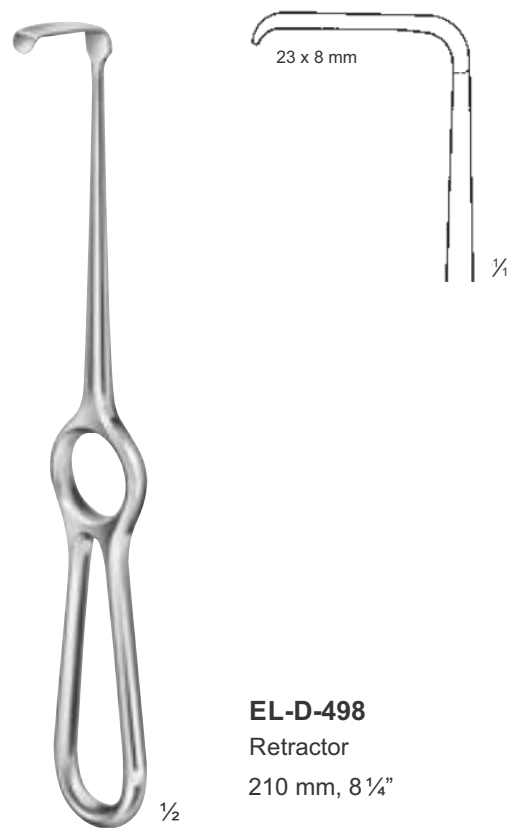
KOCHER-LANGENBECK  
**EL-D-491-EL-D-896**

Retractor  
215 mm, 8½"

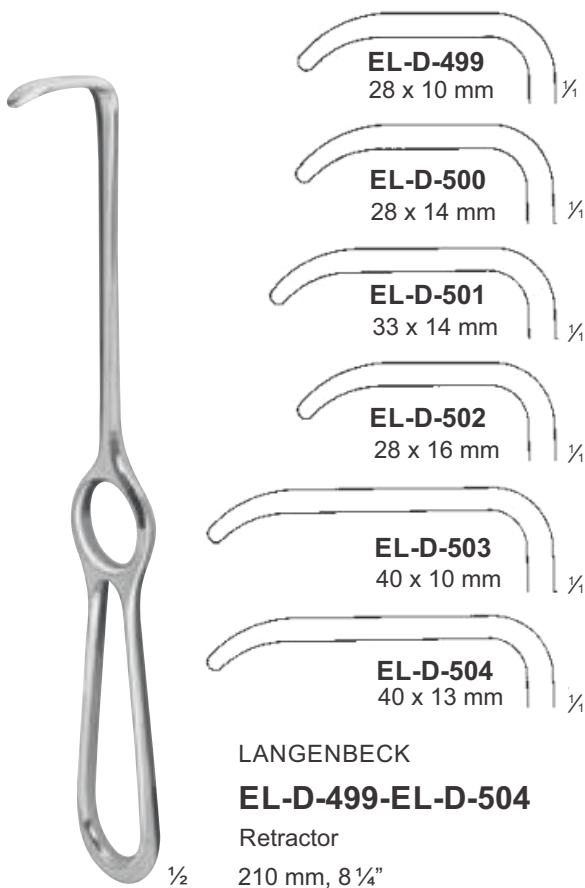
Retractors, Cheek Retractors



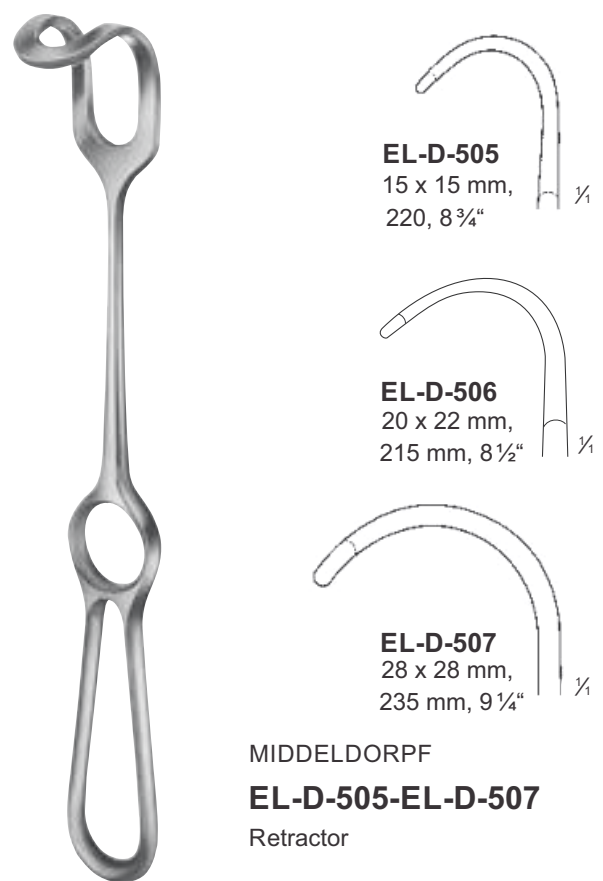
**EL-D-497**  
Cheek retractor  
215 mm, 8 1/2"



**EL-D-498**  
Retractor  
210 mm, 8 1/4"



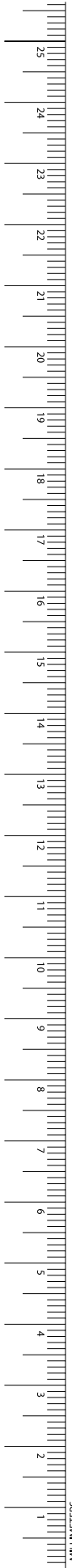
LANGENBECK  
**EL-D-499-EL-D-504**  
Retractor  
210 mm, 8 1/4"



MIDDELDORPF  
**EL-D-505-EL-D-507**  
Retractor



# Dental Surgery



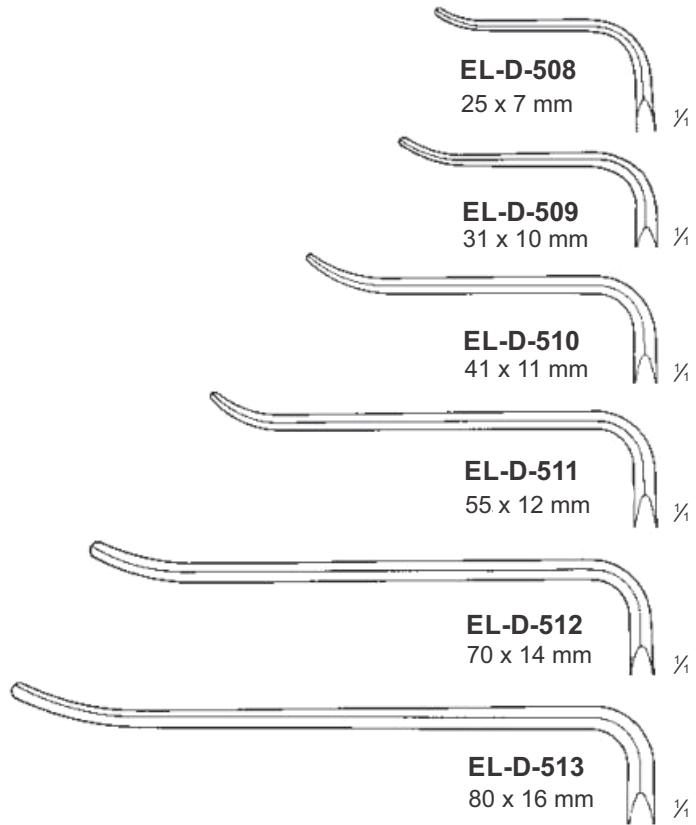
OBWEGESER  
**EL-D-508-EL-D-513**  
 Soft tissue retractor  
 215 mm, 8½"

½



OBWEGESER  
**EL-D-514-EL-D-519**  
 Soft tissue retractor  
 215 mm, 8½"

½



**EL-D-508**  
 25 x 7 mm ¼

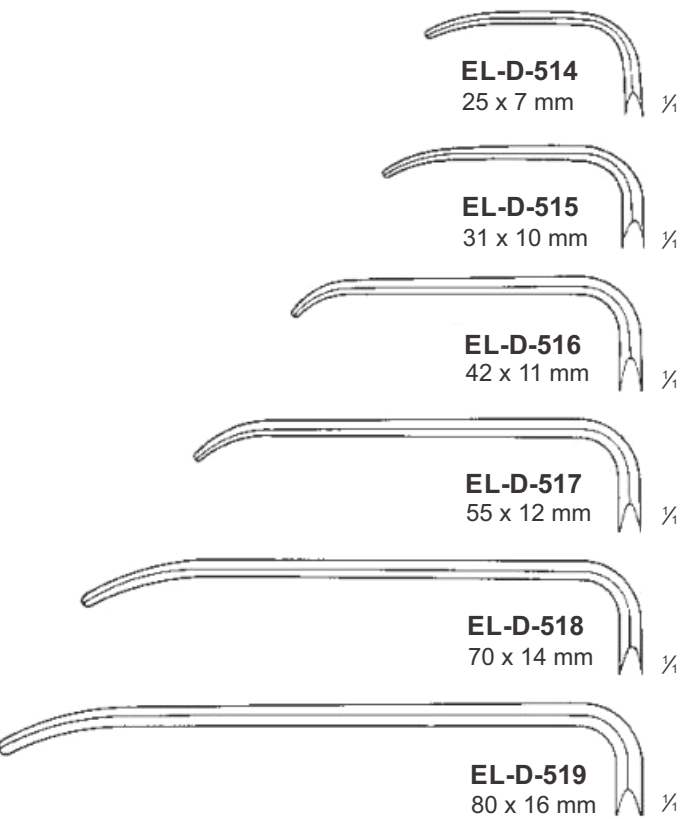
**EL-D-509**  
 31 x 10 mm ¼

**EL-D-510**  
 41 x 11 mm ¼

**EL-D-511**  
 55 x 12 mm ¼

**EL-D-512**  
 70 x 14 mm ¼

**EL-D-513**  
 80 x 16 mm ¼



**EL-D-514**  
 25 x 7 mm ¼

**EL-D-515**  
 31 x 10 mm ¼

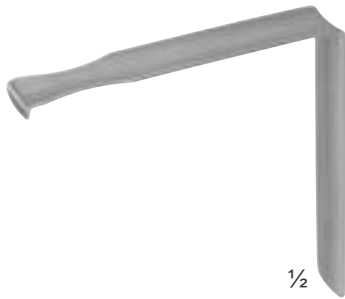
**EL-D-516**  
 42 x 11 mm ¼

**EL-D-517**  
 55 x 12 mm ¼

**EL-D-518**  
 70 x 14 mm ¼

**EL-D-519**  
 80 x 16 mm ¼





KAY (AUSTIN)  
**EL-D-520**  
Retractor

1/2



BOWDLER-HENRY  
**EL-D-521**  
Retractor  
170 mm, 6 3/4"

1/2

Especially designed for upper impacted wisdom teeth. The design of the retractor enables the retraction of the cheek and mucoperiosteal flap as well as one hand simultaneous support of retractor and an additional instrument.



LASTER  
**EL-D-522**  
Cheek retractor  
100 mm, 4"

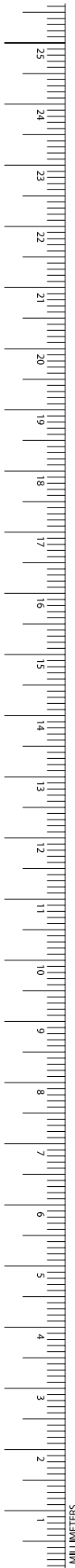
1/2



WARD  
**EL-D-523**  
Cheek retractor  
155 mm, 6"

1/2





BÜCHS

**EL-D-524**

Retractor for cheeks and soft tissue, for surgery in the rear maxillo-dental section

205 mm, 8"

1/2



38 x 18 mm

7/100



BÜCHS

**EL-D-525**

ERGOPLANT Soft tissue hook

200 mm, 8"

1/2



KIRSCH

**EL-D-526-EL-D-527**

210 mm, 8 1/4"



1/4

60 x 11 mm

**EL-D-526**

Diagonal cheek retractors for lateral region, particularly useful for extraction of wisdom teeth for upper left and bottom right



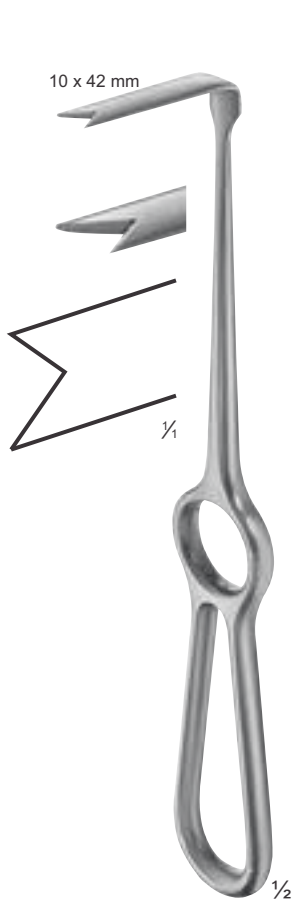
1/4

60 x 11 mm

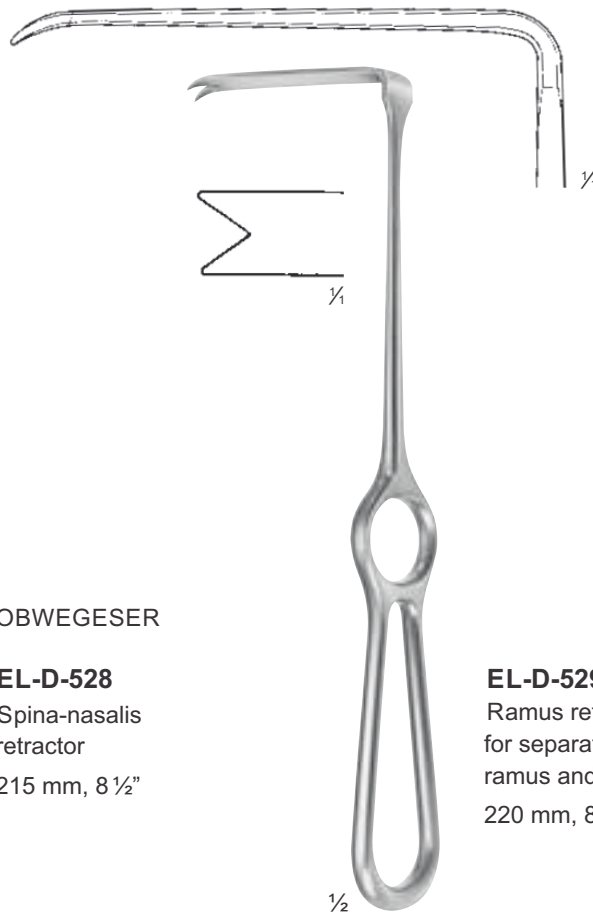
**EL-D-527**

Diagonal cheek retractors for lateral region, particularly useful for extraction of wisdom teeth for upper right and bottom left

Soft Tissue Retractors, ERGOPLANT Soft  
Tissue Retractors, Diagonal Cheek  
Retractors, Retractors



**OBWEGESER**  
**EL-D-528**  
Spina-nasalis  
retractor  
215 mm, 8 1/2"



**EL-D-529**  
Ramus retractor  
for separation of  
ramus and tissue  
220 mm, 8 3/4"



**WASSMUND**  
**EL-D-530**  
Retractor  
220 mm, 8 3/4"

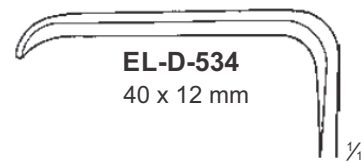


wide  
**EL-D-531** 20 mm  
**EL-D-532** 25 mm  
**EL-D-533** 30 mm

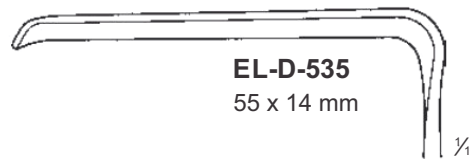
**EL-D-531-EL-D-533**  
Ramus retractor  
165 mm, 6 1/2"



**DOCKHORN**  
**EL-D-534-EL-D-535**  
Retractor  
210 mm, 8 1/4"



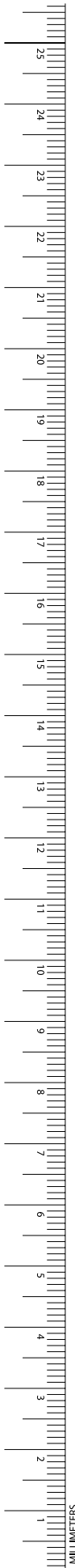
**EL-D-534**  
40 x 12 mm



**EL-D-535**  
55 x 14 mm



# Dental Surgery



TESSIER  
 $\frac{1}{2}$  **EL-D-536**  
 Maxillary mobilizers  
 right  
 150 mm, 6"



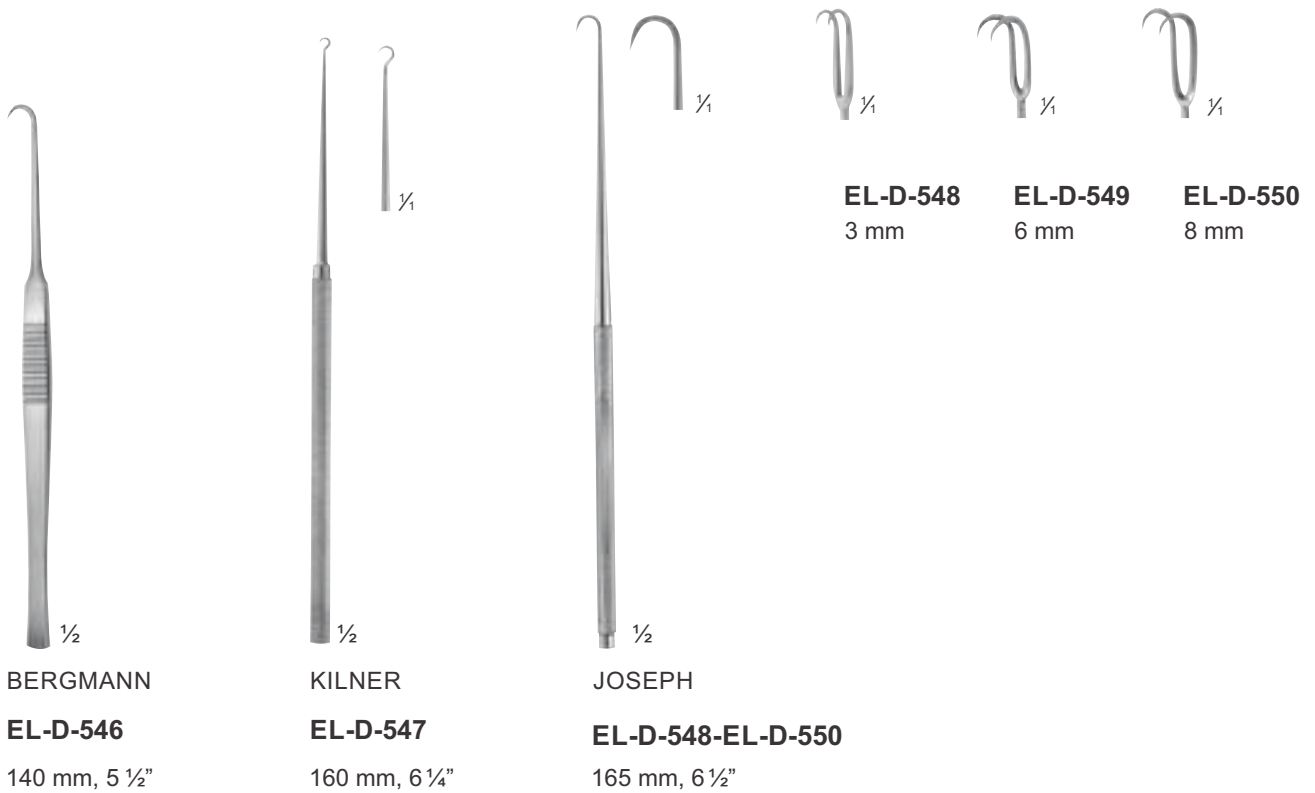
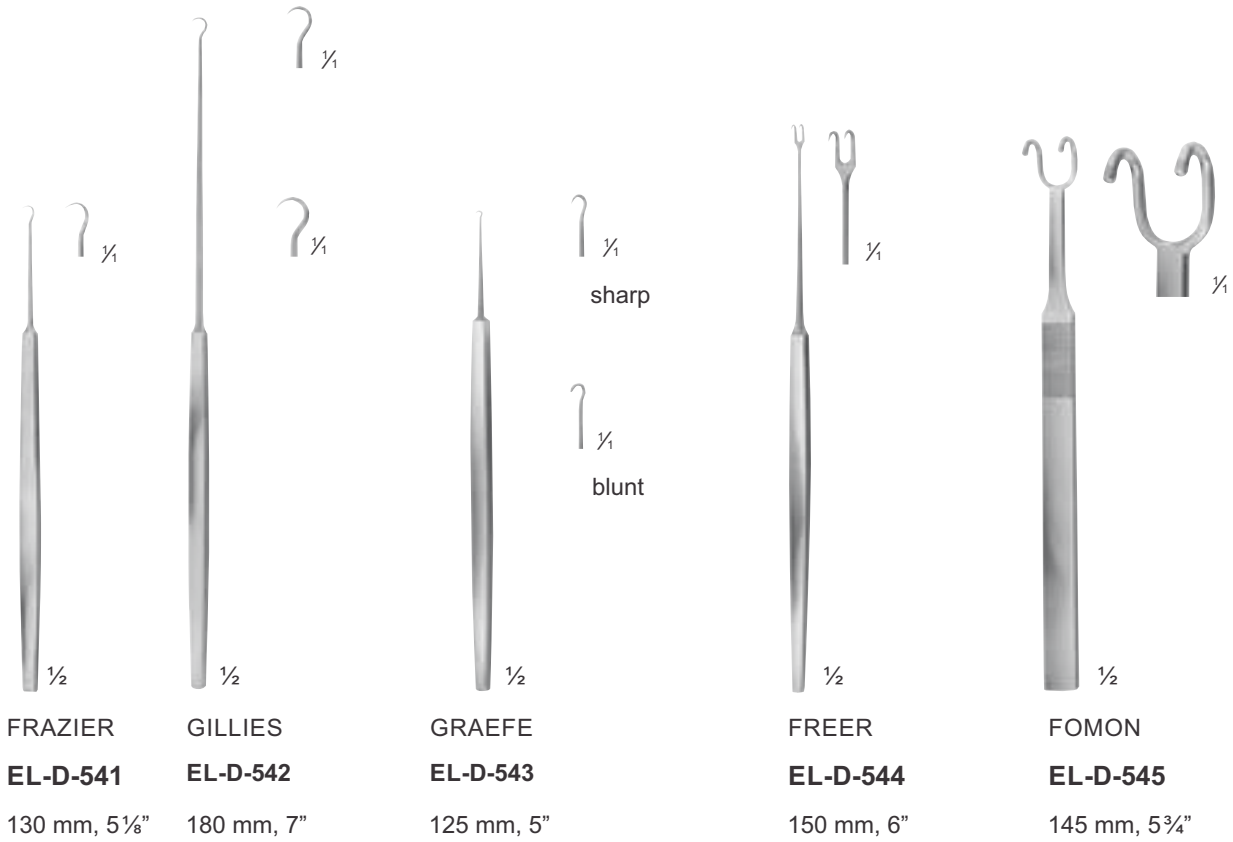
TESSIER  
 $\frac{1}{2}$  **EL-D-537**  
 Maxillary mobilizers  
 left  
 150 mm, 6"



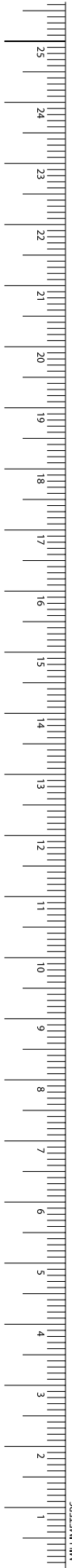
OBWEGESER  
**EL-D-538** 8 mm  
**EL-D-539** 10 mm  
 Channeled retractor  
 165 mm, 6  $\frac{1}{2}$ "



OBWEGESER  
**EL-D-540**  
 $\frac{1}{2}$  Chin retractor  
 155 mm, 6"



# Dental Surgery



**EL-D-551**



**EL-D-552**



**EL-D-553**



**EL-D-554**

**EL-D-551-EL-D-554**

Small curve, sharp  
165 mm, 6 1/2"



**EL-D-555**



**EL-D-556**



**EL-D-557**



**EL-D-558**

**EL-D-555-EL-D-558**

Small curve, blunt  
165 mm, 6 1/2"



**EL-D-559**



**EL-D-560**

**EL-D-559-EL-D-560**

160 mm, 6 1/4"



**EL-D-561**  
16 x 6 mm



**EL-D-562**  
24 x 6 mm

**LANGENBECK-GREEN**

**EL-D-561-EL-D-562**

160 mm, 6 1/4"

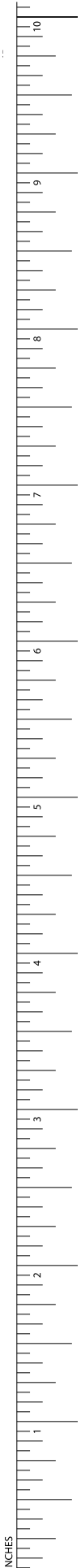


**EL-D-563**

160 mm, 6 1/4"



10 x 13 mm



**EL-D-564**  
Gauze case



LUNIATSCHEK  
**EL-D-565**  
Cotton plunger  
180 mm, 7"



LUNIATSCHEK, modif.  
**EL-D-566**  
Cotton plunger, small  
180 mm, 7"

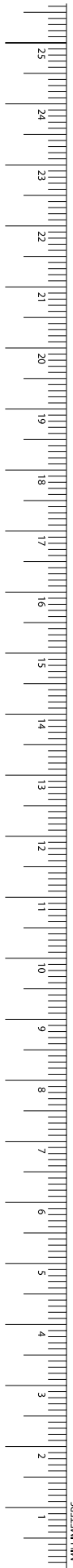


**EL-D-567**  
Retraction thread packer,  
flexible  
175 mm, 7"



HAUER  
**EL-D-568**  
Medicine applicator  
135 mm, 5 1/4"

**Dental Surgery**



**EL-D-569-EL-D-570**  
Standard patterns



**EL-D-569**  
130 mm, 5 1/8"



**EL-D-570**  
145 mm, 5 3/4"



**COOPER**  
**EL-D-571-EL-D-573**  
Standard patterns



**EL-D-571**  
115 mm, 4 1/2"



**EL-D-572**  
130 mm, 5 1/8"



**EL-D-573**  
145 mm, 5 3/4"





**EL-D-574-EL-D-577**  
Standard patterns



**EL-D-574**  
105 mm, 4 1/8"



**EL-D-575**  
115 mm, 4 1/2"



**EL-D-576**  
130 mm, 5 1/8"



**EL-D-577**  
145 mm, 5 3/4"



**EL-D-578-EL-D-580**  
Standard patterns



**EL-D-578**  
115 mm, 4 1/2"

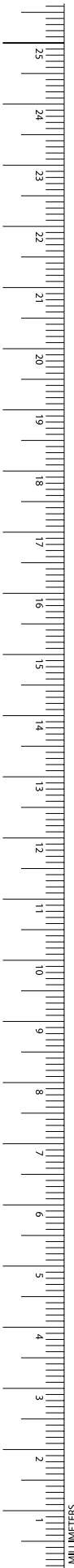


**EL-D-579**  
130 mm, 5 1/8"



**EL-D-580**  
145 mm, 5 3/4"





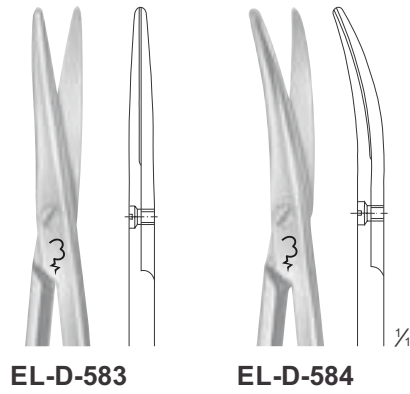
DEAVER  
**EL-D-581**

Surgical scissors with flat lock  
145 mm, 5 3/4"



DEAVER  
**EL-D-582**

Surgical scissors with flat lock  
145 mm, 5 3/4"



EL-D-583

EL-D-584

**EL-D-583-EL-D-584**

Dissecting scissors  
115 mm, 4 1/2"

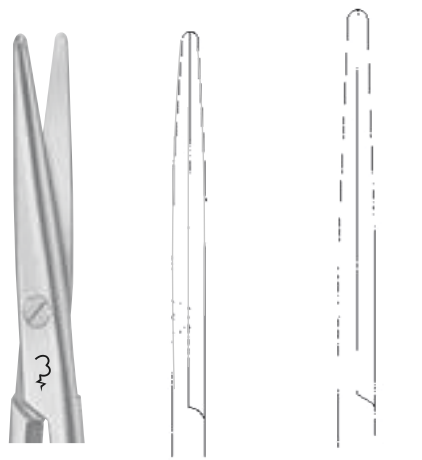


EL-D-585

EL-D-586

BABY-METZENBAUM  
**EL-D-585-EL-D-586**

Dissecting scissors  
145 mm, 5 3/4"



EL-D-587

EL-D-588

145 mm, 5 3/4"

180 mm, 7"

EL-D-589

EL-D-590

145 mm, 5 3/4"

180 mm, 7"

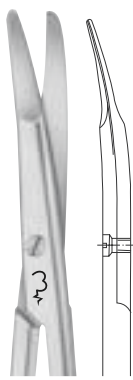
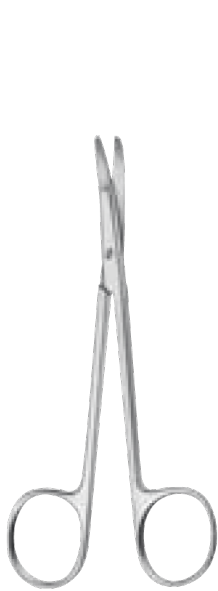
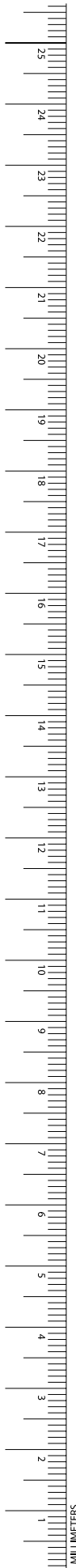
METZENBAUM

**EL-D-587-EL-D-590**

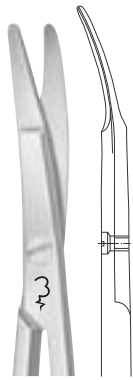
Dissecting scissors



# Dental Surgery



**EL-D-591**  
125 mm, 5"



**EL-D-592**  
150 mm, 6"

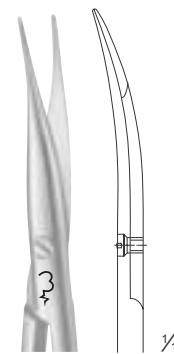
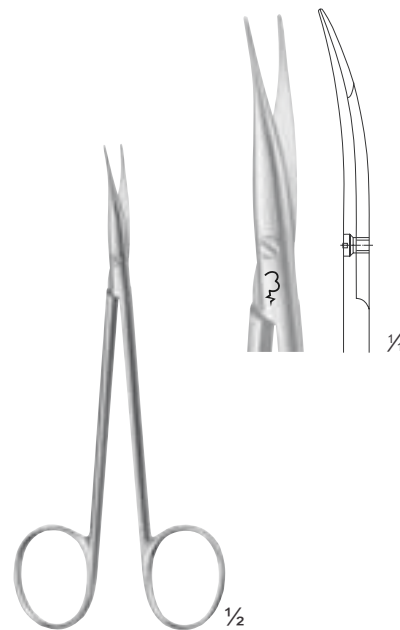
KILNER

**EL-D-591-EL-D-592**

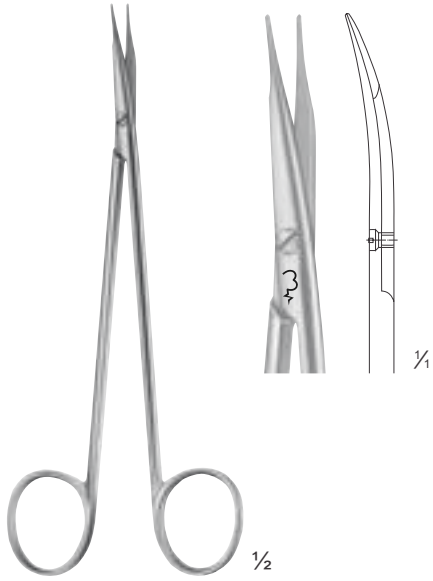
Special flat points for dissecting and undermining the skin



**EL-D-593**  
Blades outside semi-sharp  
150 mm, 6"



JAMESON-WERBER  
**EL-D-594**  
130 mm, 5 1/8"



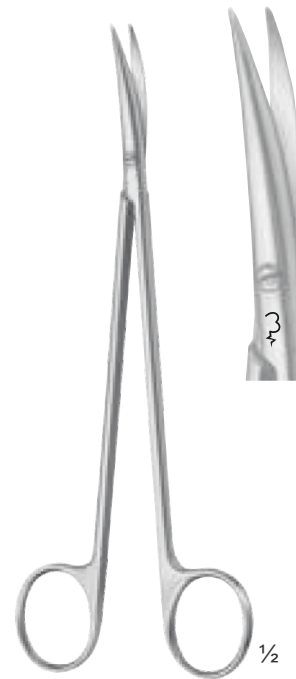
JAMESON  
**EL-D-595**  
150 mm, 6"



**EL-D-596**  
175 mm, 7"

**EL-D-597**  
145 mm, 5¾"

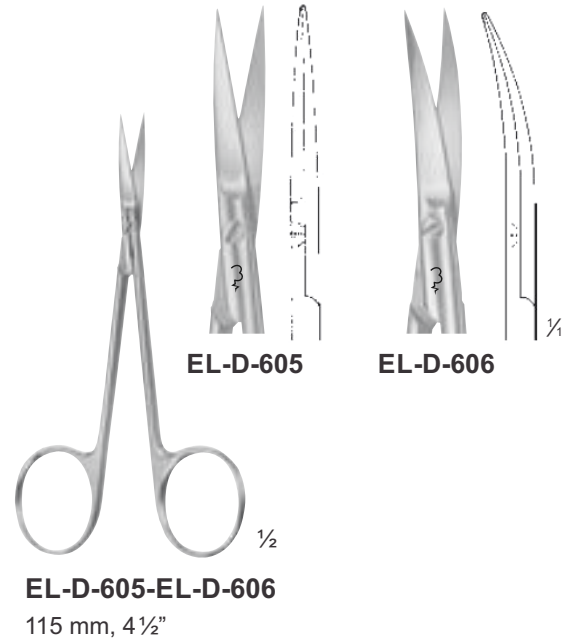
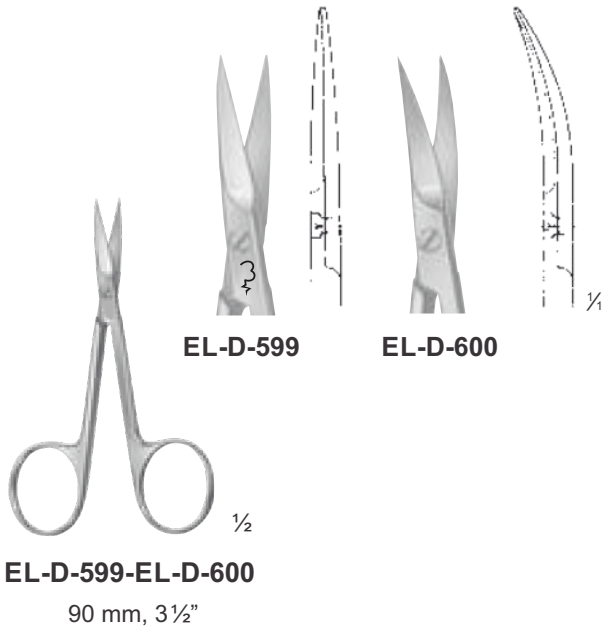
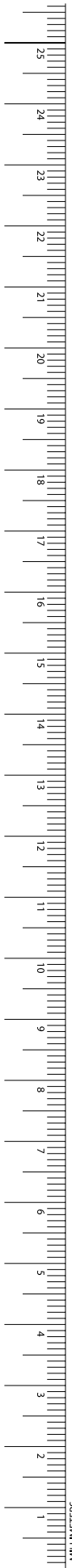
REYNOLDS  
**EL-D-596-EL-D-597**



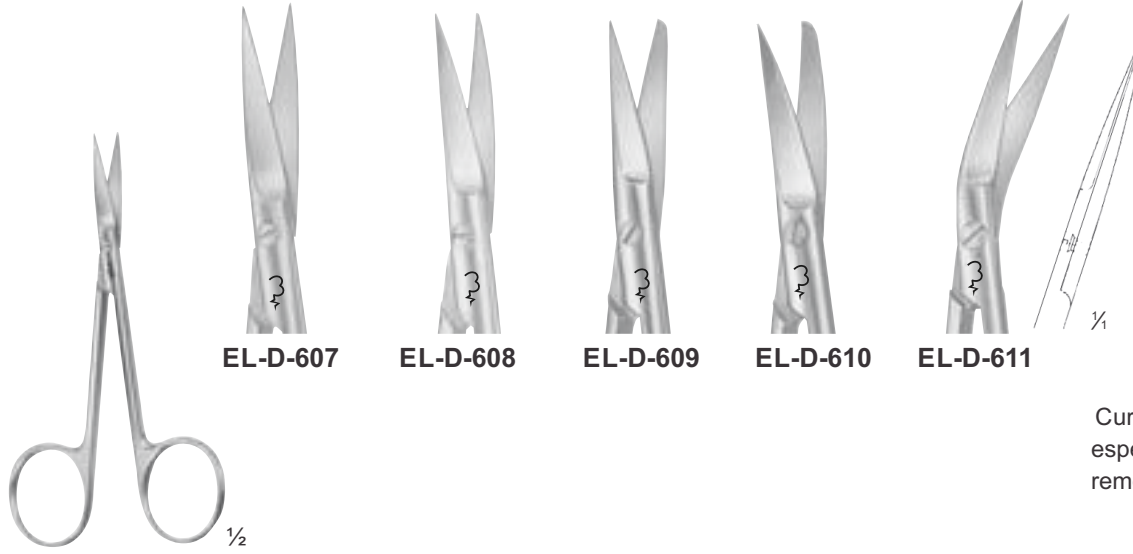
DE BAKEY  
**EL-D-598**  
175 mm, 7"



**Dental Surgery**



**Delicate Scissors**



**EL-D-607**

**EL-D-608**

**EL-D-609**

**EL-D-610**

**EL-D-611**

**EL-D-607-EL-D-611**

110 mm, 4 $\frac{3}{8}$ "

Curved to side,  
especially suited to  
remove ligatures



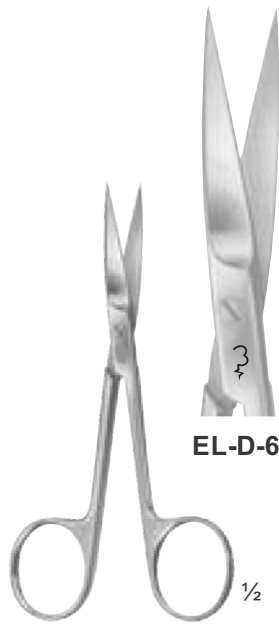
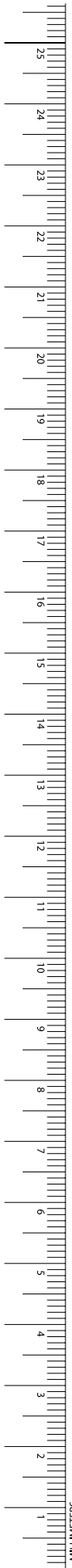
**EL-D-612**

**EL-D-613**

**EL-D-612-EL-D-613**

120 mm, 4 $\frac{3}{4}$ "

INCHES



**EL-D-614**



**EL-D-615** 1/4



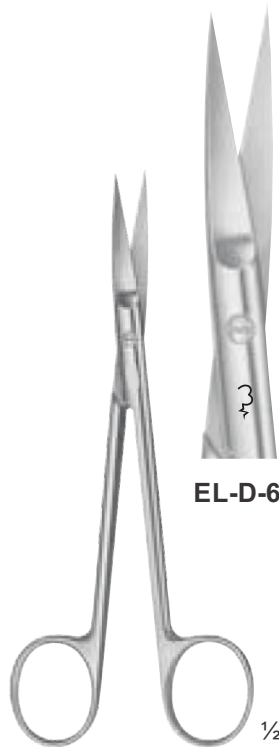
**EL-D-616**



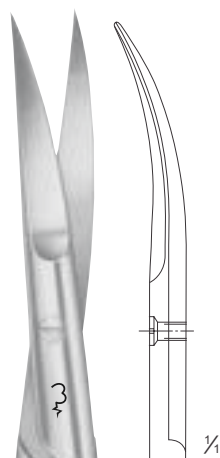
**EL-D-617** 1/4

**EL-D-614-EL-D-615**  
120 mm, 4 3/4"

**EL-D-616-EL-D-617**  
130 mm, 5 1/8"



**EL-D-618**



**EL-D-619** 1/4



**EL-D-620**



**EL-D-621** 1/4

**JOSEPH**  
**EL-D-618-EL-D-619**  
150 mm, 6"

**KELLY**  
**EL-D-620**  
175 mm, 7"

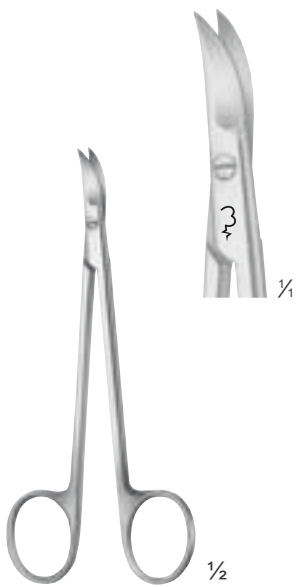




LA GRANGE

**EL-D-622**

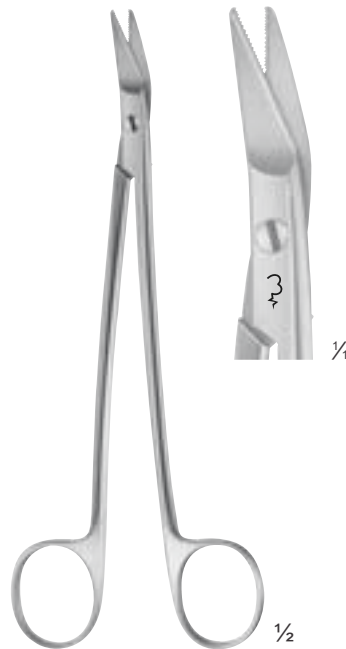
1 Blade toothed  
110 mm, 4 3/8"



CHADWICK

**EL-D-623**

115 mm, 4 1/2"



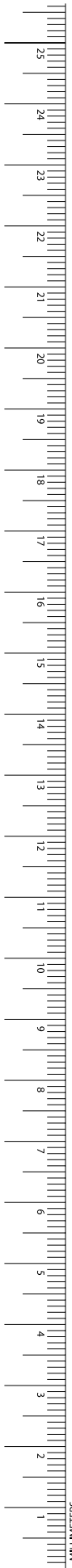
DEAN

**EL-D-624**

Blades serrated  
170 mm, 6 3/4"



# Dental Surgery



**EL-D-625**  
very delicate

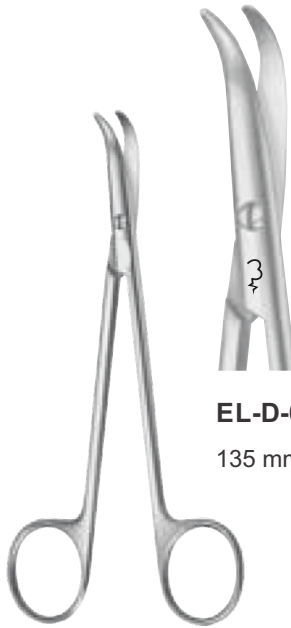
1/2

**TOENNIS-ADSON**  
**EL-D-625-EL-D-626**  
175 mm, 7"



**EL-D-626**  
delicate

1/4



**EL-D-627**  
135 mm, 5 1/4"

**FOMON**  
**EL-D-627-EL-D-628**



**EL-D-628**  
115 mm, 4 1/2"

1/4



**LEXER**  
**EL-D-629-EL-D-630**  
165 mm, 6 1/2"

1/2



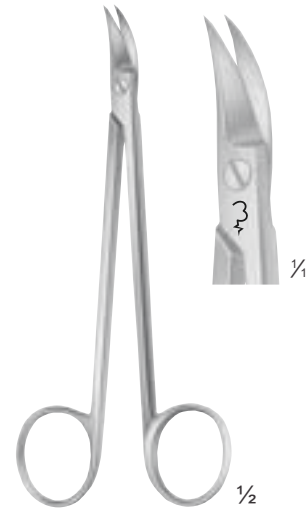
**EL-D-629**

**EL-D-630**

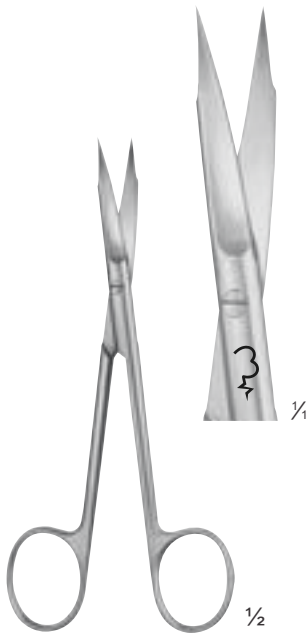
1/4



**EL-D-631**  
120 mm, 4 3/4"



QUINBY  
**EL-D-632**  
130 mm, 5 1/8"



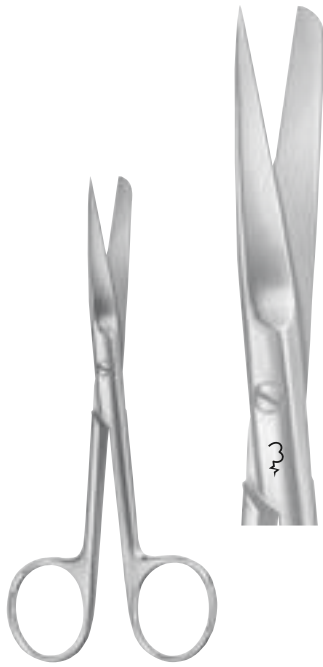
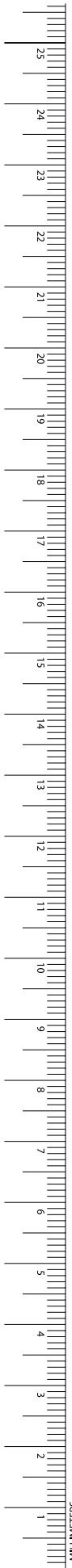
GOLDMAN-FOX  
**EL-D-633**  
1 Blade toothed, fine  
130 mm, 5"



LOCKLIN  
**EL-D-634**  
Angled to side, 1 blade toothed  
155 mm, 6"



Dental Surgery



**EL-D-635-EL-D-636**  
Slender patterns



**EL-D-635**  
130 mm, 5 1/8"



**EL-D-636**  
145 mm, 5 3/4"



**EL-D-637-EL-D-638**  
Slender patterns



**EL-D-637**  
130 mm, 5 1/8"

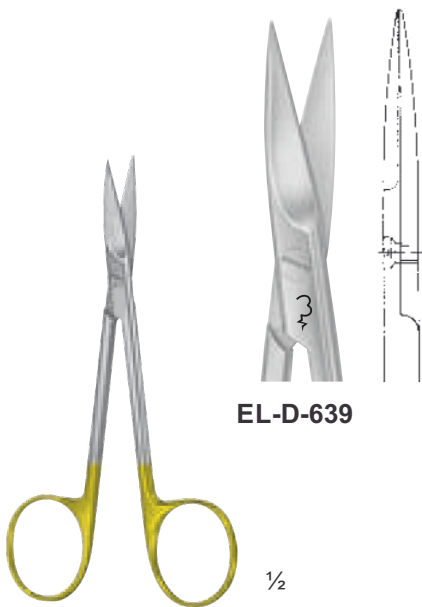


**EL-D-638**  
145 mm, 5 3/4"

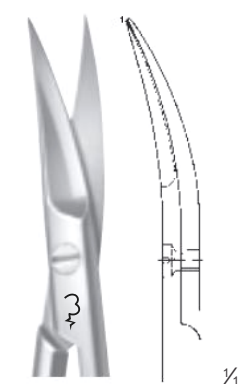
Scissors  
with inserted carbide cutting edges

- 3 Years guarantee!
- Excellent cutting accuracy
- Long working life
- Gold-plated rings

»delicate«



**EL-D-639**



**EL-D-640**

**EL-D-639-EL-D-640**

120 mm, 4 3/4"

»delicate«



**EL-D-642**

**GOLDMAN-FOX**

**EL-D-641**

1 Blade serrated

130 mm, 5 1/8"



## Dental Surgery

Scissors  
with inserted carbide cutting edges

- 3 Years guarantee!
- Excellent cutting accuracy
- Long working life
- Gold-plated rings

### **Wavecut**

**W**-Cut prevents tissue from slipping out



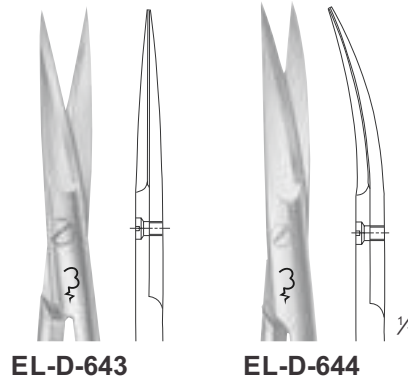
**W**-Cut directly after the catalog number indicates that the resp. item has one serrated cutting edge.

(When ordering please indicate **W**-cut together with the catalog number

»delicate«

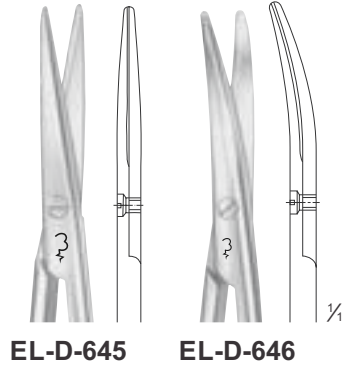
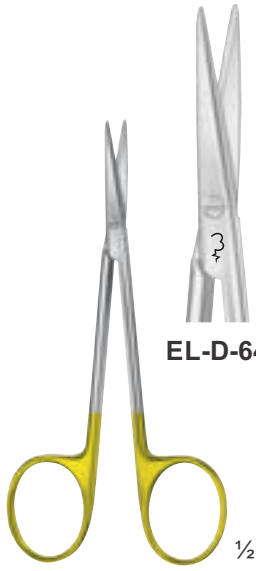


**EL-D-643-EL-D-644**  
110 mm, 4 3/8"

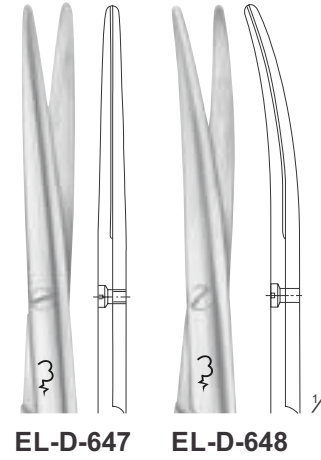


**EL-D-643**

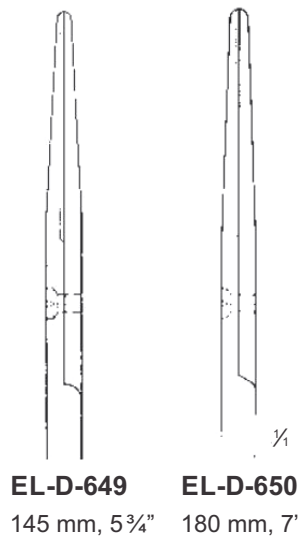
**EL-D-644**



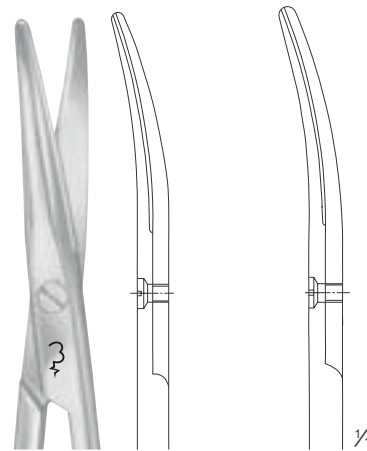
**EL-D-645-EL-D-646**  
115 mm, 4 1/2"



**BABY-METZENBAUM**  
**EL-D-647-EL-D-648**  
145 mm, 5 3/4"



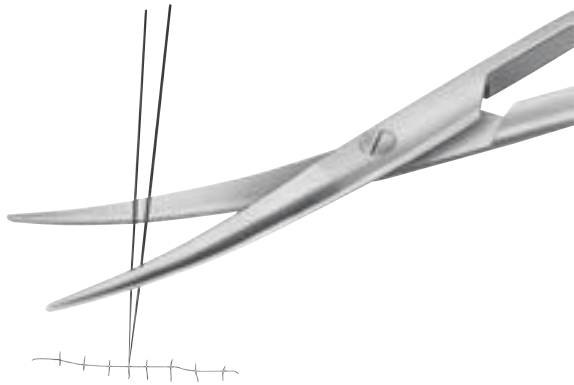
**METZENBAUM**  
**EL-D-649-EL-D-652**



**EL-D-651**    **EL-D-652**  
145 mm, 5 3/4"    180 mm, 7"



## Dental Surgery

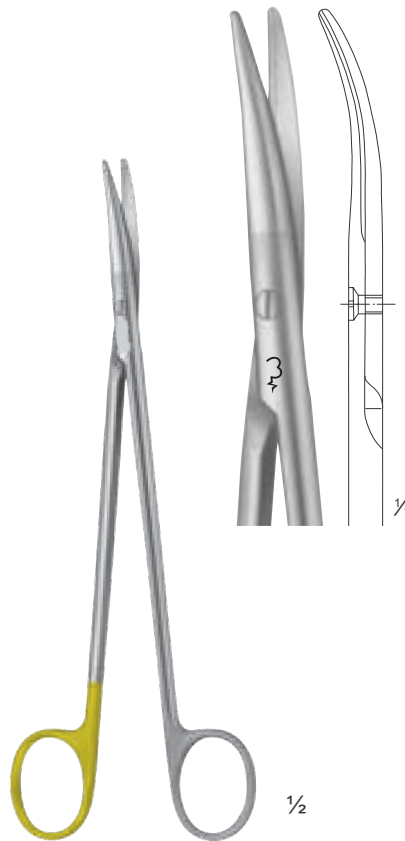


Especially for cutting suture materials

- Carbide inserts guarantee permanent cutting edge (also in the distal area of the blades)
- **Wavecut**-Cut prevents suture materials from slipping out
- **DUROTIP™** ligature scissors are identified by
  - 1 black and
  - 1 goldplated ring



**EL-D-653**  
Ligature scissors  
145 mm, 5 3/4"



**EL-D-654**  
Ligature scissors  
180 mm, 7"



The special qualities of the Noir™ dissection scissors allow dissection that is finer than ever before. Gentle dissection with minimum use of force.



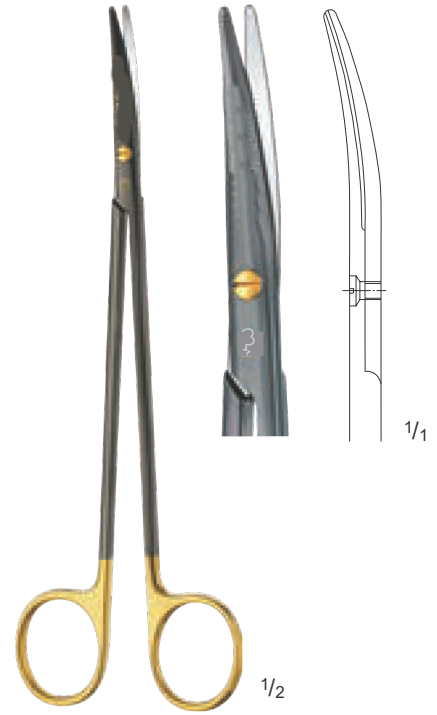
**EL-D-655**



**BABY-METZENBAUM**

**EL-D-656**

145 mm, 5 3/4"



**METZENBAUM**

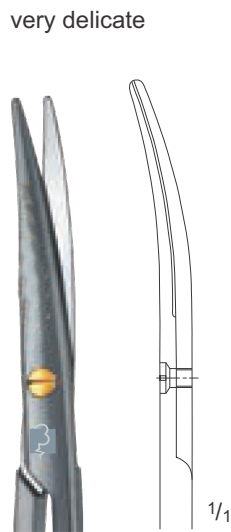
**EL-D-657**

145 mm, 5 3/4"



**METZENBAUM**

**EL-D-658**



**EL-D-660**



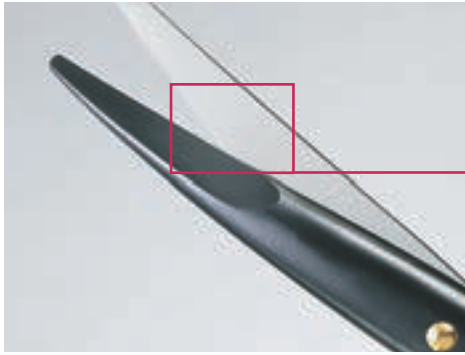
**METZENBAUM**

**EL-D-661**

200 mm, 8"



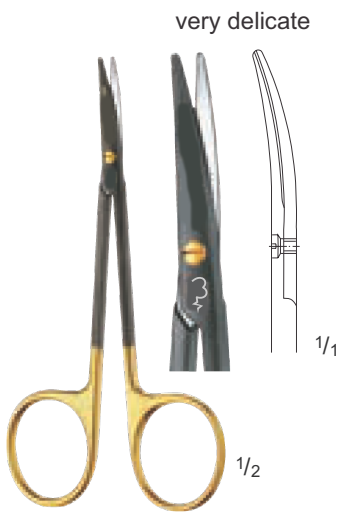
## Dental Surgery



Microtome edge - the extremely sharp cutting edge of the scissors blade facilitates gentle cutting of tissue with minimal use of force.



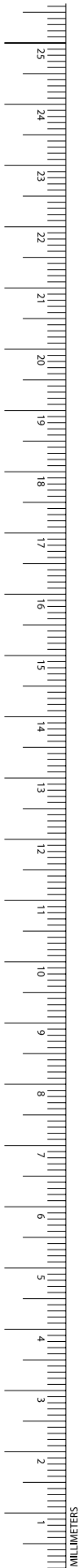
Wavecut prevents tissue from slipping out during the cutting process.



**METZENBAUM**  
**EL-D-664**  
115 mm, 4 1/2"



**BABY-METZENBAUM**  
**EL-D-665**  
145 mm, 5 3/4"

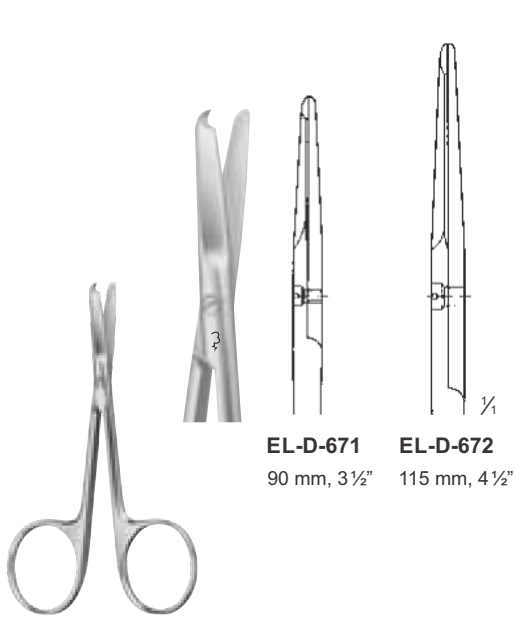
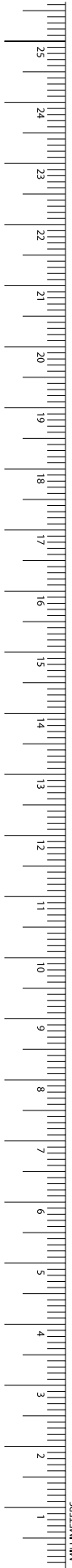


The combination of the renowned Elite tungsten carbide technology with the Noir™ coating results in an extremely high surface hardness and therefore high wear resistance in daily hospital use.

The extremely hard (2000HV) and low reflection Noir coating leads to high wear resistance of the instruments and at the same time provides high resistance against corrosion.

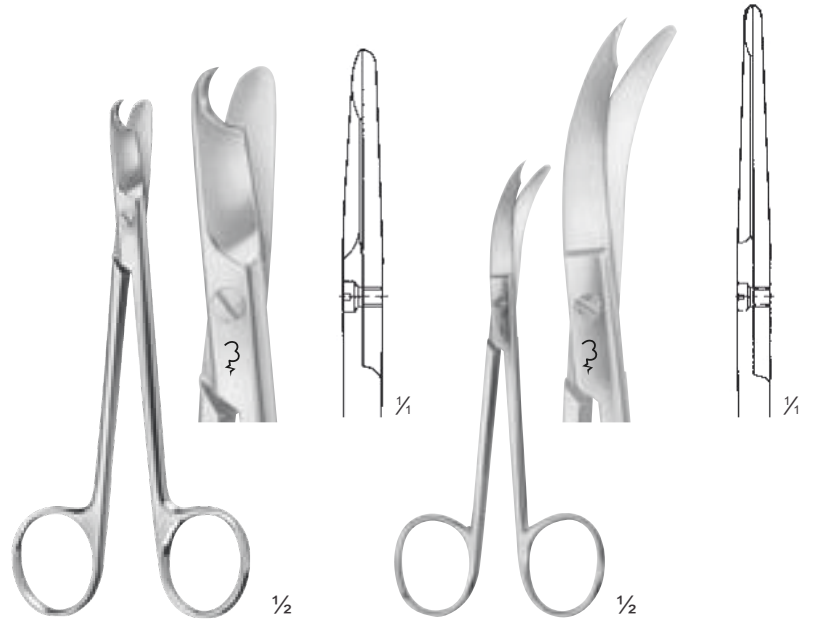


# Dental Surgery



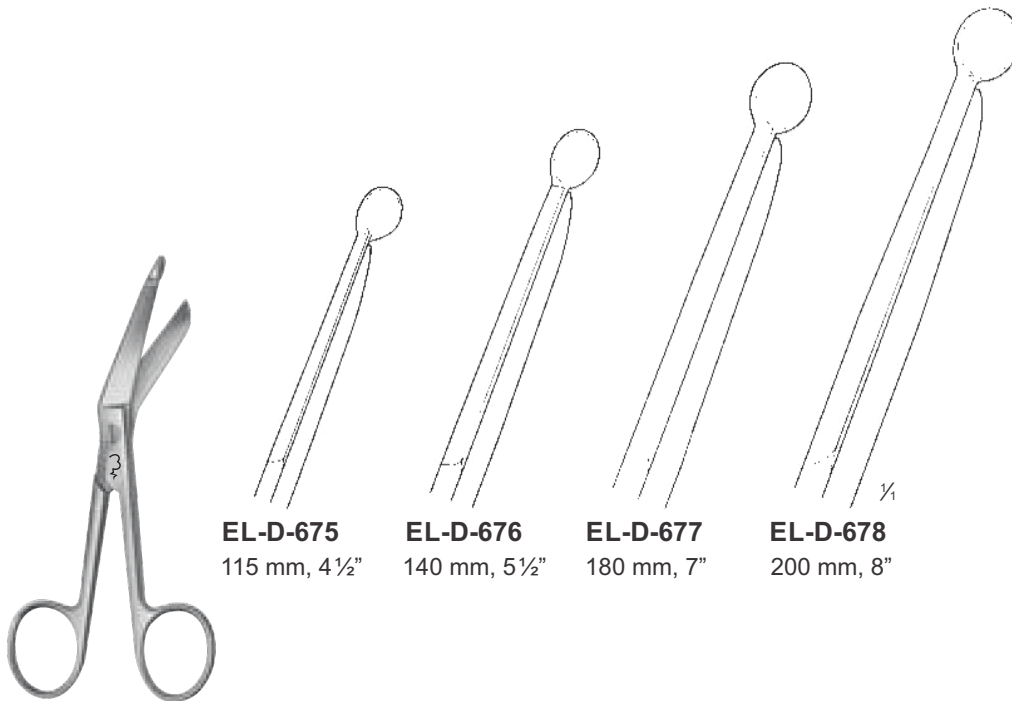
**EL-D-671** 90 mm, 3 1/2"  
**EL-D-672** 115 mm, 4 1/2"

**SPENCER**  
**EL-D-671-EL-D-672**  
 Ligature scissors



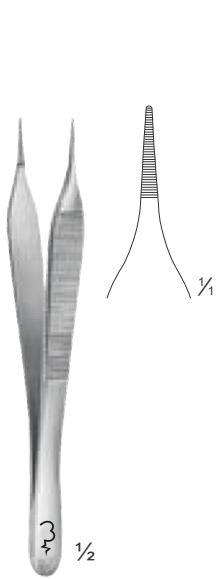
**LITTAUER**  
**EL-D-673**  
 Ligature scissors  
 135 mm, 5 1/4"

**NORTHBENT**  
**EL-D-674**  
 Ligature scissors  
 120 mm, 4 3/4"

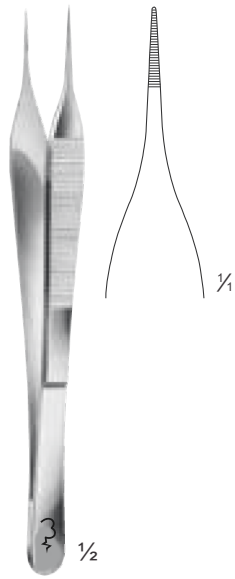


**EL-D-675** 115 mm, 4 1/2"  
**EL-D-676** 140 mm, 5 1/2"  
**EL-D-677** 180 mm, 7"  
**EL-D-678** 200 mm, 8"

**LISTER**  
**EL-D-675-EL-D-678**  
 Bandage and cloth scissors



MICRO-ADSON  
**EL-D-679**  
120 mm, 4 3/4"



MICRO-ADSON  
**EL-D-680**  
150 mm, 6"



**EL-D-681-EL-D-685**



**EL-D-681**  
90 mm,  
3 1/2"



**EL-D-682**  
105 mm,  
4 1/8"



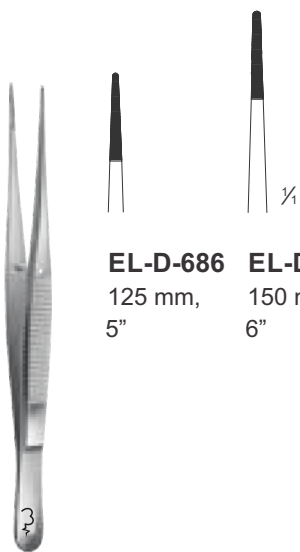
**EL-D-683**  
115 mm,  
4 1/2"



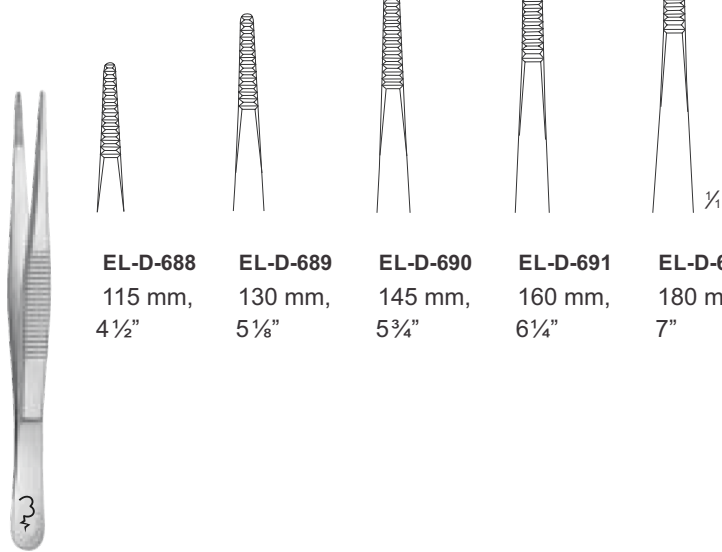
**EL-D-684**  
130 mm,  
5 1/8"



**EL-D-685**  
145 mm,  
5 3/4"



SEMKEN  
**EL-D-686-EL-D-687**



**EL-D-688-EL-D-692**  
medium



**EL-D-688**  
115 mm,  
4 1/2"



**EL-D-689**  
130 mm,  
5 1/8"



**EL-D-690**  
145 mm,  
5 3/4"

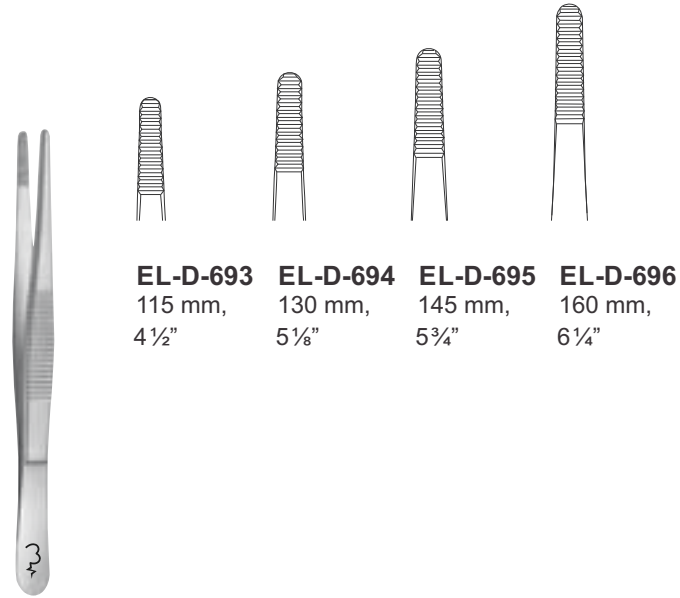
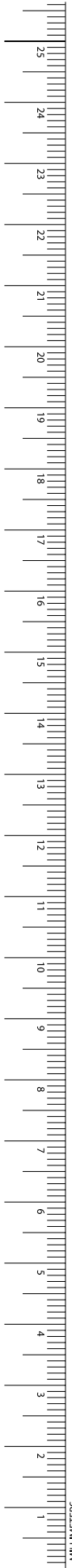


**EL-D-691**  
160 mm,  
6 1/4"



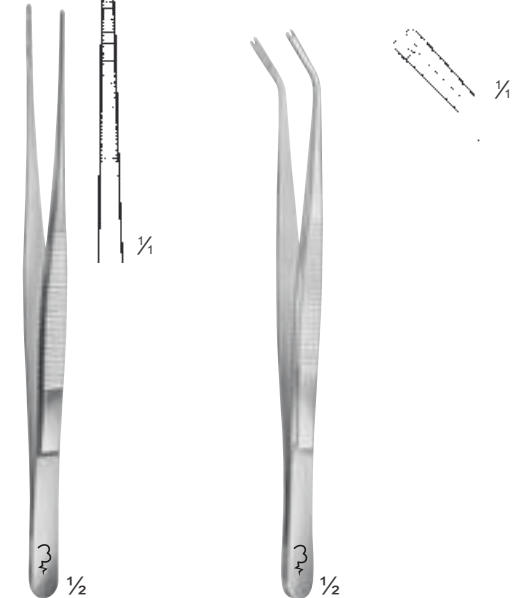
**EL-D-692**  
180 mm,  
7"

# Dental Surgery



**EL-D-693** 115 mm, 4½"  
**EL-D-694** 130 mm, 5⅛"  
**EL-D-695** 145 mm, 5¾"  
**EL-D-696** 160 mm, 6¼"

STANDARD  
**EL-D-693-EL-D-696**



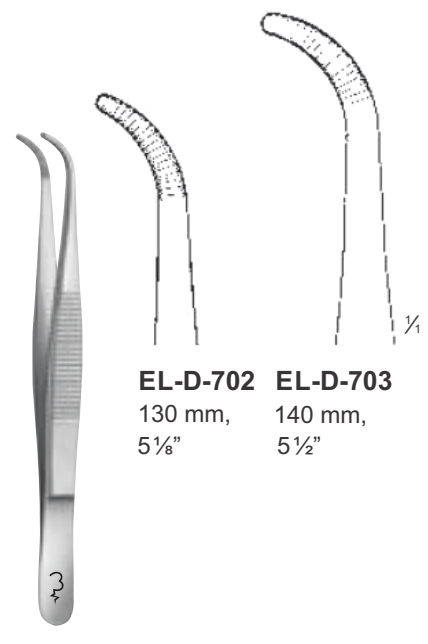
**EL-D-697**  
 155 mm, 6"

**EL-D-698**  
 Suture forceps, angulated  
 150 mm, 6"



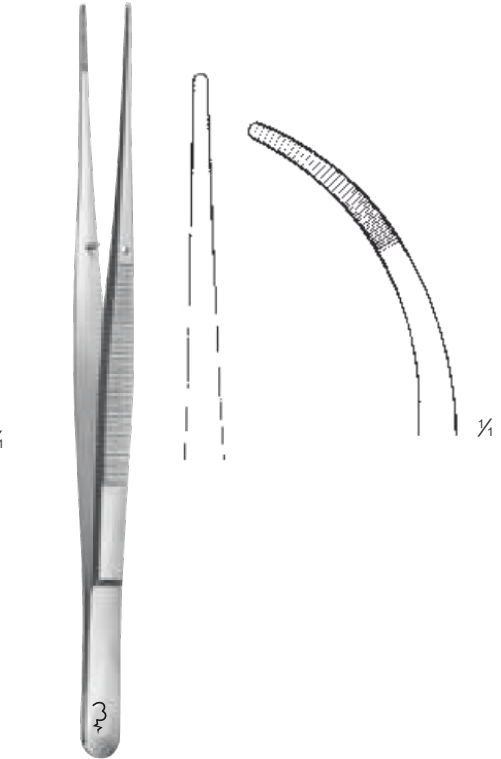
**EL-D-699**  
 dissecting, straight  
 180 mm, 7"

**EL-D-700**  
 dissecting, curved  
 175 mm, 6¾"



**EL-D-701**  
 medium

**EL-D-702** 130 mm, 5⅛"  
**EL-D-703** 140 mm, 5½"

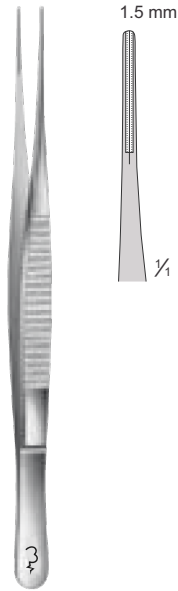


BROPHY  
**EL-D-704**  
 200 mm, 8"

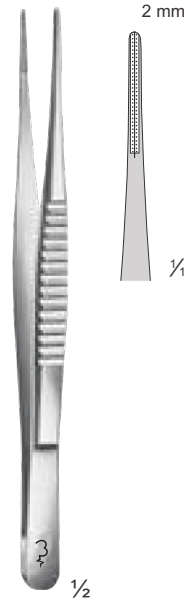
## Dissecting Forceps, ATRAUMATA Forceps ERGOPLANT Forceps

### ATRAUMATA

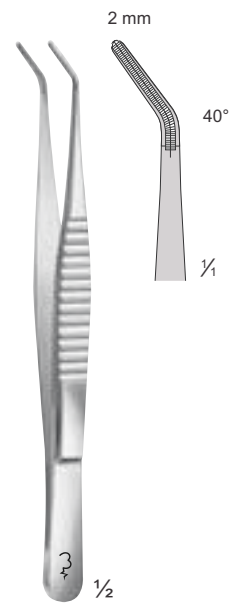
Toothing DE BAKEY



DE BAKEY  
**EL-D-705**  
150 mm, 6"



DE BAKEY  
**EL-D-706**  
150 mm, 6"



DE BAKEY  
**EL-D-707**  
150 mm, 6"



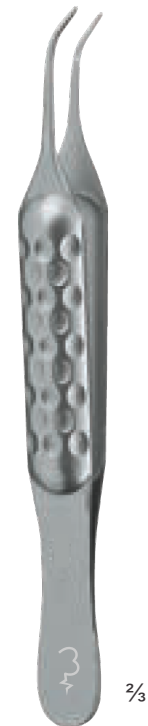
**EL-D-708**  
atraumata, straight  
180 mm, 7"



**EL-D-709**  
atraumata, curved  
175 mm, 6 3/4"



ERGOPLANT  
**EL-D-710**  
120 mm, 4 3/4"



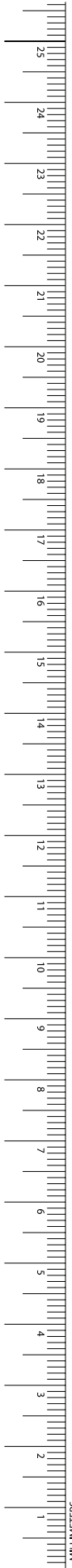
ERGOPLANT  
**EL-D-711**  
For soft tissue  
140 mm, 5 1/2"



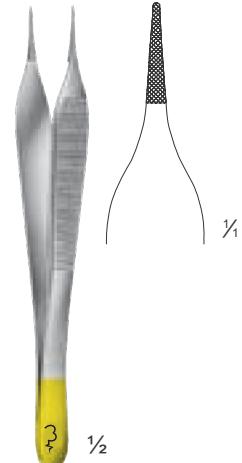
# Dental Surgery

- Precisely worked out fine structure of carbide inserts
  - thus firm and non-traumatic gripping of tissue
  - universal in use
  - long working life

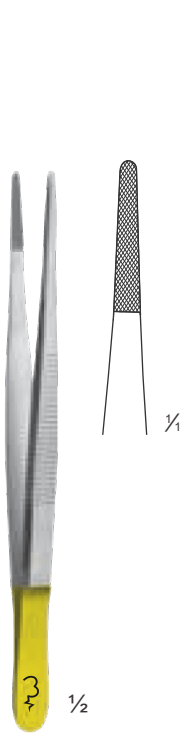
Dissecting Forceps with carbide inserts  
 Identification: gold-plated end



ERGOPLANT  
**EL-D-712**  
 120 mm, 4 3/4"



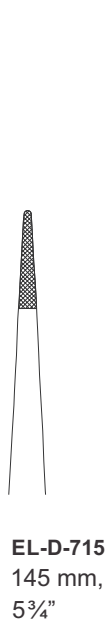
ADSON  
**EL-D-713**  
 120 mm, 4 3/4"



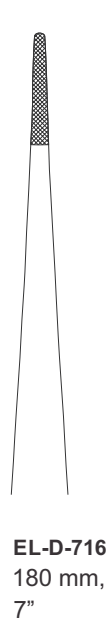
STANDARD  
**EL-D-714**  
 145 mm, 5 3/4"



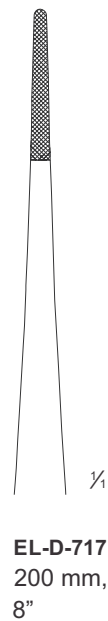
**EL-D-715-EL-D-717**



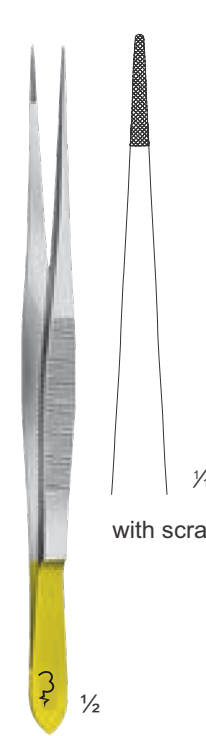
**EL-D-715**  
 145 mm,  
 5 3/4"



**EL-D-716**  
 180 mm,  
 7"



**EL-D-717**  
 200 mm,  
 8"



CUSHING  
**EL-D-718**  
 180 mm, 7"



**EL-D-719**  
 150 mm, 6"

For secure grasping of matrices  
 and interdental wedges



# Non-traumatic Dissecting Forceps, ERGOPLANT Forceps, Surgical Forceps



**EL-D-720**  
115 mm,  
4½"

**EL-D-721**  
130 mm,  
5⅛"

**EL-D-722**  
145 mm,  
5¾"

**EL-D-723**  
145 mm,  
5¾"

**EL-D-724**  
160 mm,  
6¼"

**EL-D-725**  
180 mm,  
7"

**EL-D-726**  
200 mm,  
8"

**EL-D-720-EL-D-726**

medium



**EL-D-727**  
surgical, straight  
180 mm, 7"



**EL-D-728**  
surgical, curved  
175 mm, 6¾"



**EL-D-729**  
145 mm,  
5¾"

**EL-D-730**  
160 mm,  
6¼"

**EL-D-729-EL-D-730**



STANDARD  
**EL-D-731-EL-D-737**



**EL-D-731**  
105 mm,  
4⅞"



**EL-D-732**  
115 mm,  
4½"



**EL-D-733**  
130 mm,  
5⅞"



**EL-D-734**  
145 mm,  
5¾"



**EL-D-735**  
160 mm,  
6¼"



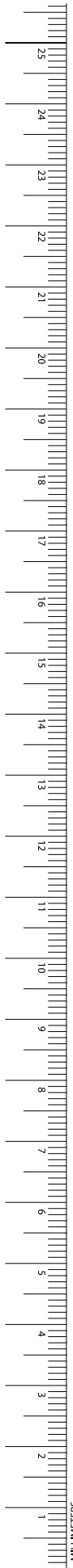
**EL-D-736**  
180 mm,  
7"



**EL-D-737**  
200 mm,  
8"



# Dental Surgery



SEMKEN  
EL-D-738-EL-D-739



**EL-D-738**  
125 mm, 5"



**EL-D-739**  
145 mm, 5¾"



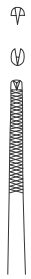
MC INDOE  
EL-D-740  
150 mm, 6"



GILLIES  
EL-D-741  
155 mm, 6"



WAUGH  
EL-D-742-EL-D-743



**EL-D-742**  
180 mm, 7"



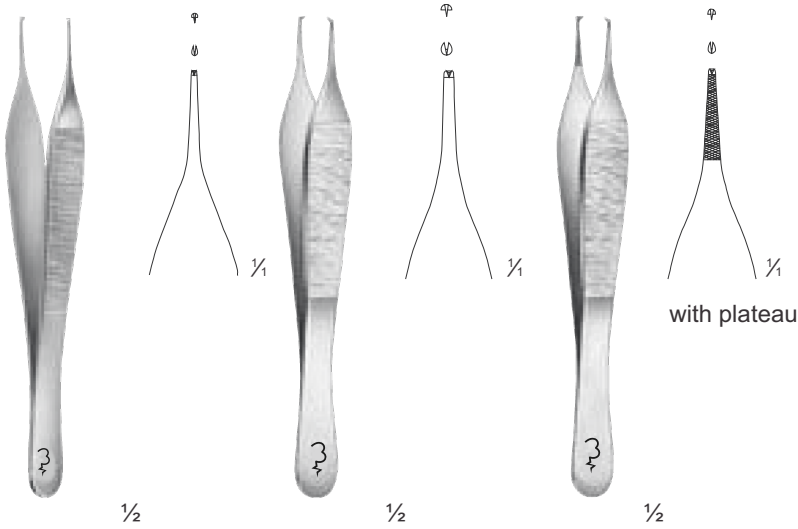
**EL-D-743**  
200 mm, 8"



GERALD  
EL-D-744  
175 mm, 7"



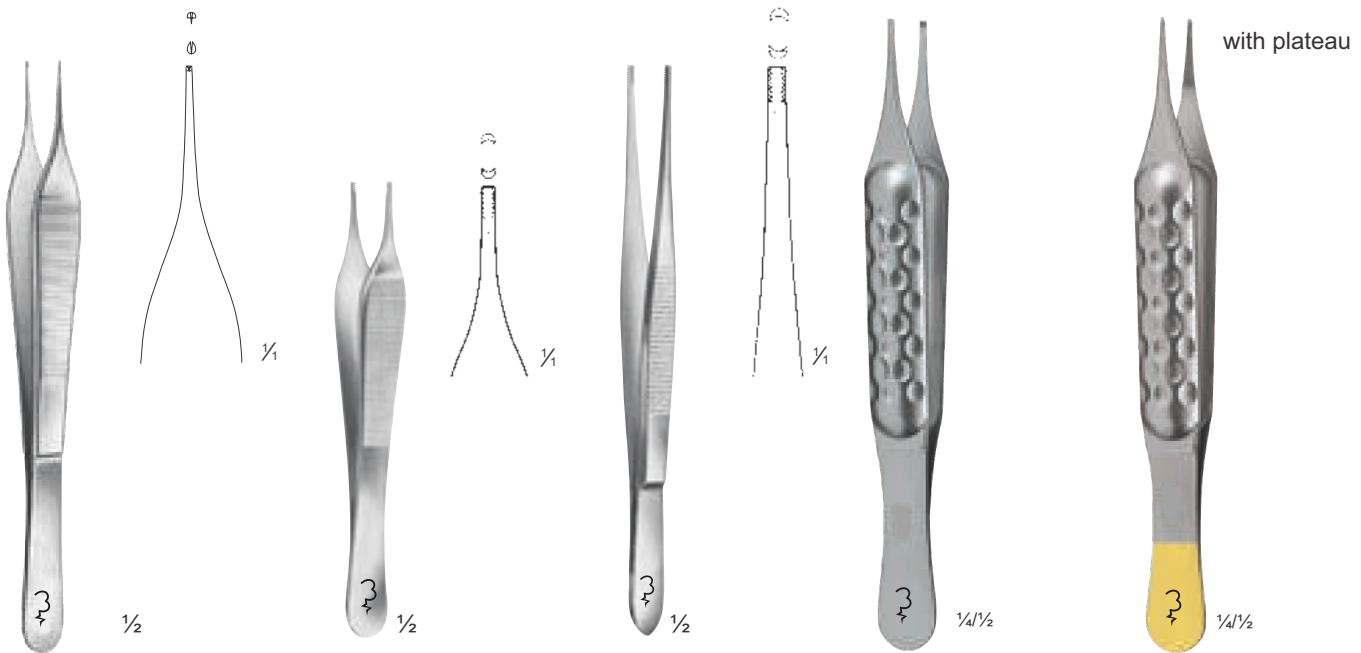
BROPHY  
EL-D-745  
200 mm, 8"



MICRO-ADSON  
**EL-D-746**  
120 mm, 4 3/4"

ADSON  
**EL-D-747**  
120 mm, 4 3/4"

ADSON  
**EL-D-748**  
120 mm, 4 3/4"



MICRO-ADSON  
**EL-D-749**  
150 mm, 6"

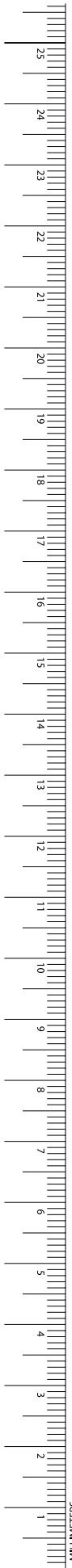
ADSON-BROWN  
**EL-D-750**  
120 mm, 4 3/4"

BROWN  
**EL-D-751**  
150 mm, 6"

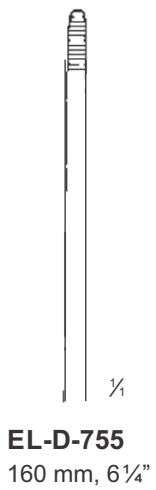
ERGOPLANT  
**EL-D-752**  
120 mm, 4 3/4"

ERGOPLANT  
**EL-D-753**  
120 mm, 4 3/4"



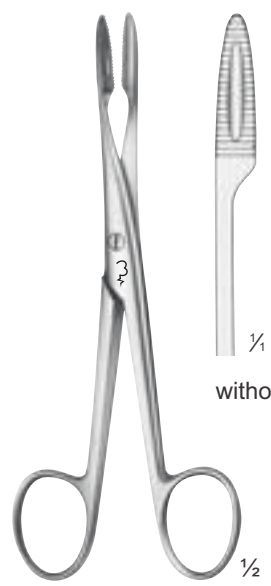


**EL-D-754**  
130 mm, 5 1/8"



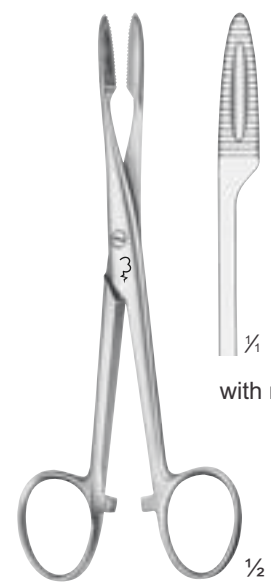
**EL-D-755**  
160 mm, 6 1/4"

**LISTER**  
**EL-D-754-EL-D-755**  
Sponge and dressing  
forceps



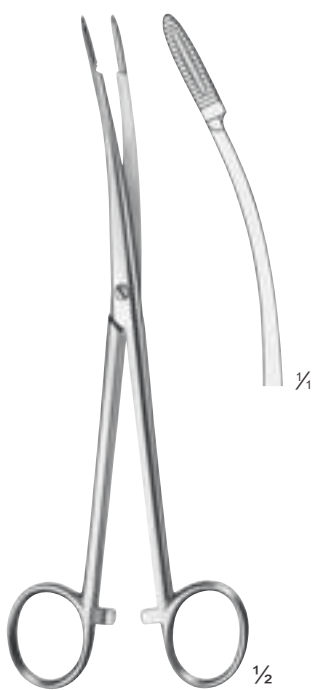
without ratchet

**EL-D-756**  
Sponge and dressing  
forceps  
145 mm, 5 3/4"

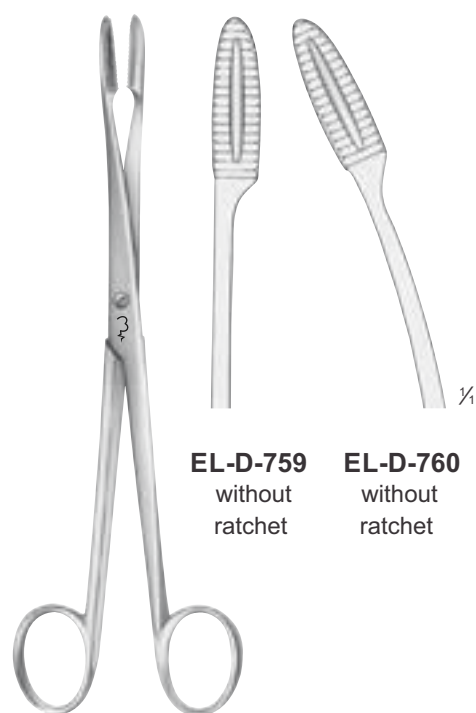


with ratchet

**EL-D-757**  
Sponge and dressing  
forceps  
145 mm, 5 3/4"



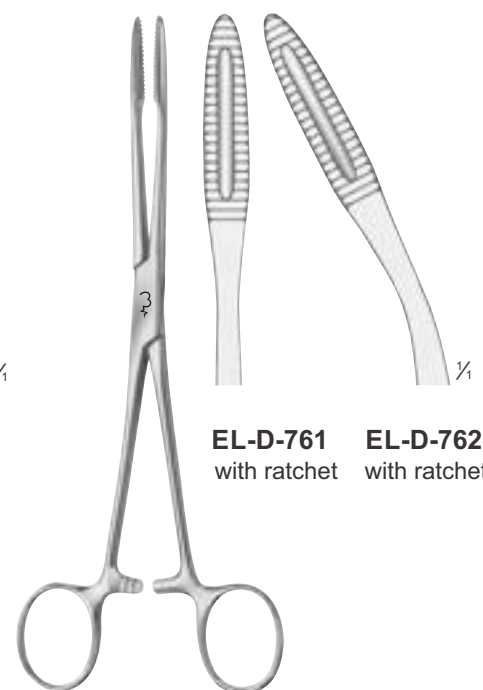
**EL-D-758**  
Sponge and dressing  
forceps  
175 mm, 7"



**EL-D-759**  
without  
ratchet

**EL-D-760**  
without  
ratchet

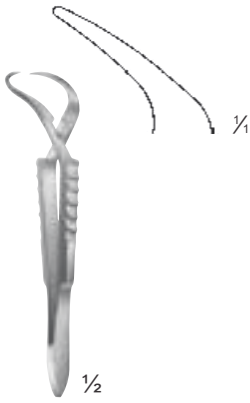
**GROSS**  
**EL-D-759-EL-D-760**  
Sponge and dressing  
forceps  
200 mm, 8"



**EL-D-761**  
with ratchet

**EL-D-762**  
with ratchet

**GROSS**  
**EL-D-761-EL-D-762**  
Sponge and dressing  
forceps  
200 mm, 8"



JONES

**EL-D-763**

Towel Clamp  
85 mm, 3 3/8"



ENGL. MOD.

**EL-D-764**

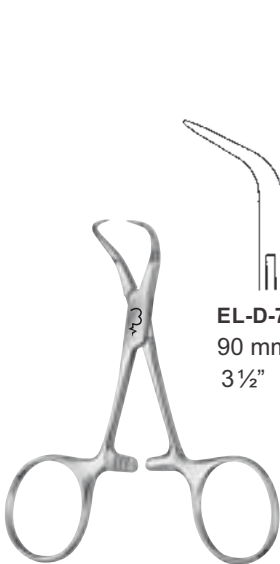
Towel Clamp  
85 mm, 3 3/8"



SCHAEDEL

**EL-D-765**

Towel Clamp  
85 mm, 3 3/8"



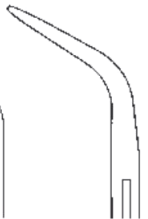
BACKHAUS

**EL-D-766-EL-D-768**

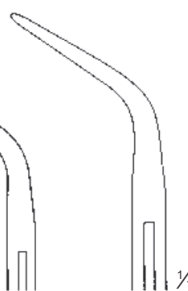
Towel Clamp



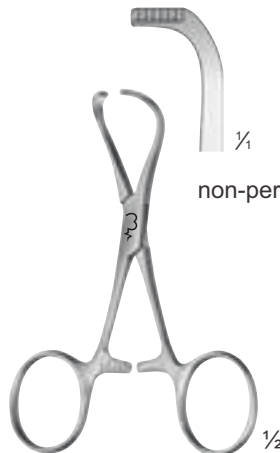
**EL-D-766**  
90 mm,  
3 1/2"



**EL-D-767**  
110 mm,  
4 3/8"



**EL-D-768**  
135 mm,  
5 1/4"



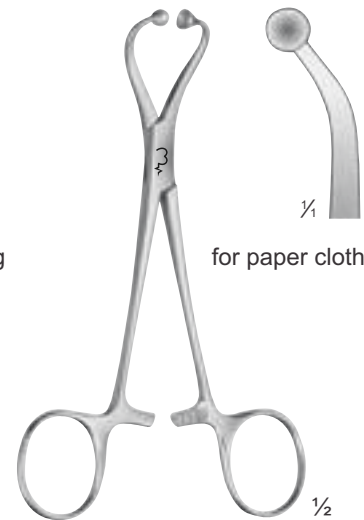
LORNA

**EL-D-769**

Towel Clamp  
95 mm, 3 3/4"



non-perforating



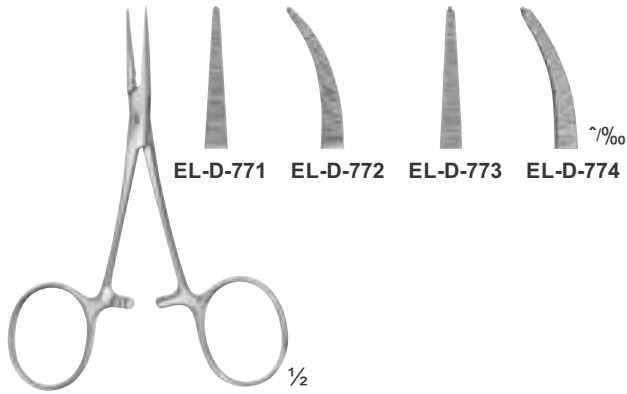
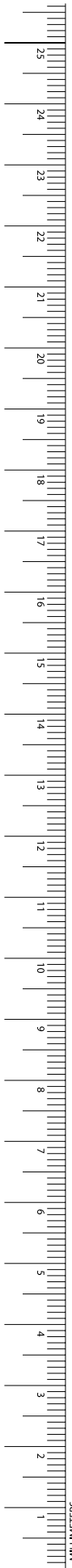
**EL-D-770**

Towel Clamp  
140 mm, 5 1/2"

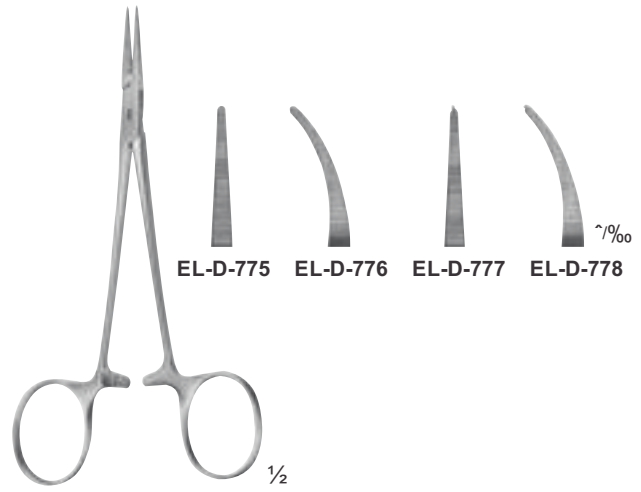


for paper cloths

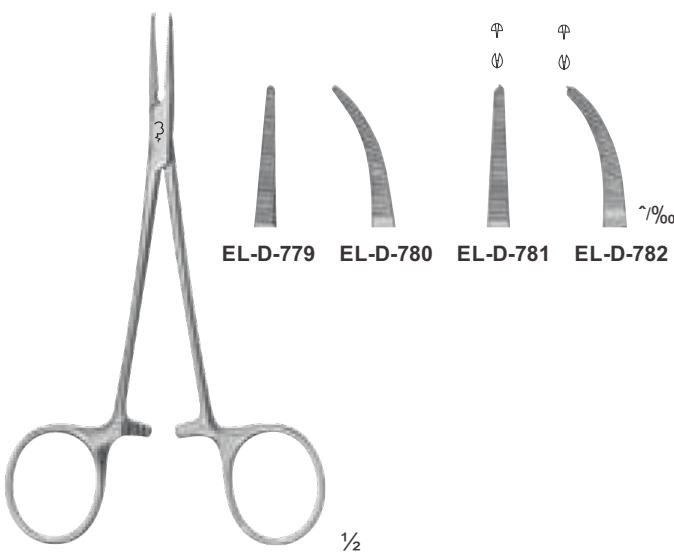
# Dental Surgery



**BABY-MOSQUITO (HARTMANN)**  
**EL-D-771-EL-D-774**  
 100 mm, 4"



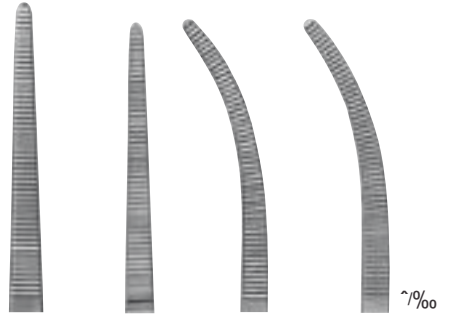
**MICRO-HALSTED**  
**EL-D-775-EL-D-778**  
 125 mm, 5"



**HALSTED-MOSQUITO**  
**EL-D-779-EL-D-782**  
 125 mm, 5"



**PEAN**  
**EL-D-783-EL-D-784**



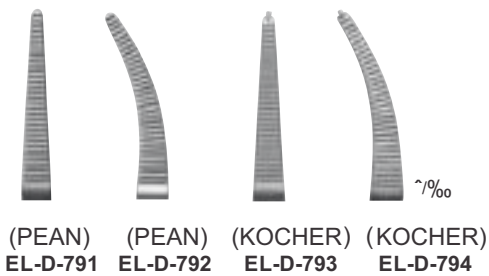
**EL-D-785** 130 mm, 5 1/8"  
**EL-D-786** 140 mm, 5 1/2"  
**EL-D-787** 130 mm, 5 1/8"  
**EL-D-788** 140 mm, 5 1/2"

**PEAN**  
**EL-D-785-EL-D-788**  
 Slender type



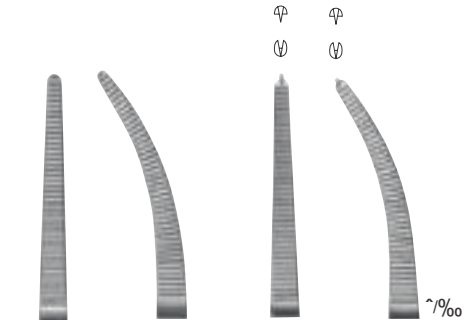
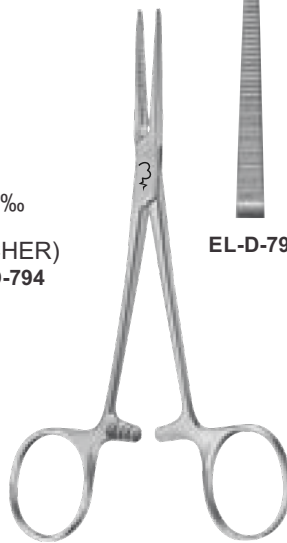
**EL-D-789**    **EL-D-790**

**KELLY**  
**EL-D-789-EL-D-790**  
 140 mm, 5 1/2"



(PEAN) **EL-D-791**    (PEAN) **EL-D-792**  
 (KOCHER) **EL-D-793**    (KOCHER) **EL-D-794**

**BABY-CRILE**  
**EL-D-791-EL-D-794**  
 140 mm, 5 1/2"

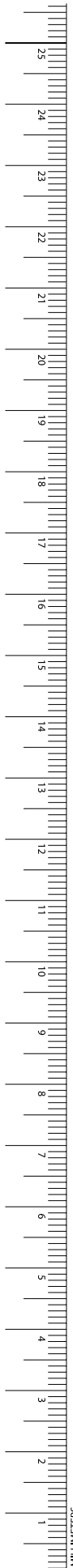


**EL-D-795**    **EL-D-796**    **EL-D-797**    **EL-D-798**

**CRILE**  
**EL-D-795-EL-D-798**  
 140 mm, 5 1/2"



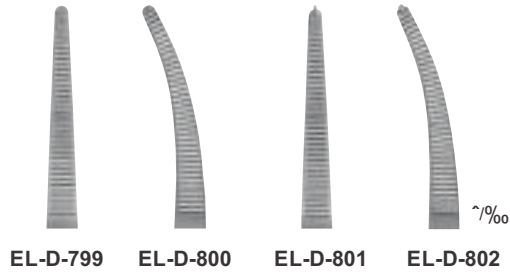
# Dental Surgery



1/2

**HALSTED**  
**EL-D-799-EL-D-802**

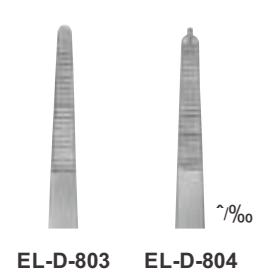
Hemostatic forceps  
185 mm, 7 1/4"



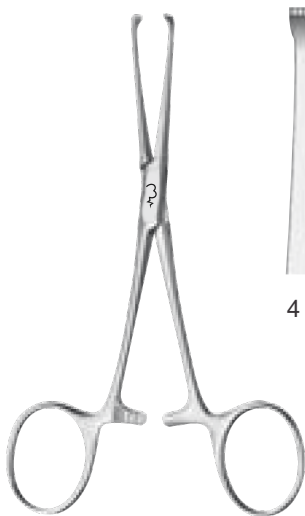
1/2

**FICKLING**  
**EL-D-803-EL-D-804**

Hemostatic forceps  
180 mm, 7"



1 x 2 teeth



1/2

**BABY-ALLIS**  
**EL-D-805**

Tissue grasping forceps  
130 mm, 5 1/8"



4 x 5 teeth



1/2

**ALLIS**  
**EL-D-806**

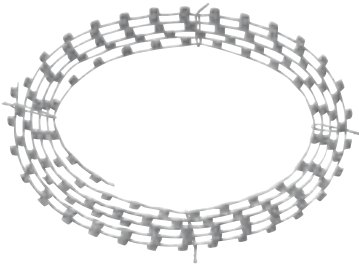
Tissue grasping forceps  
155 mm, 6"



5 x 6 teeth



## Hemostatic Forceps, Tissue Grasping Forceps Wire and Ligature Forceps, Awls



### EL-D-807

Arch bar = splint with hooks,  
in coils of approx. 40"



OBWEGESER

### EL-D-808

Wire and ligature forceps  
140 mm, 5 1/2"



OBWEGESER

### EL-D-809

Mandibular awl  
140 mm, 5 1/2"



OBWEGESER  
**EL-D-810**

Awl for  
zygomatic arch  
230 mm, 9"



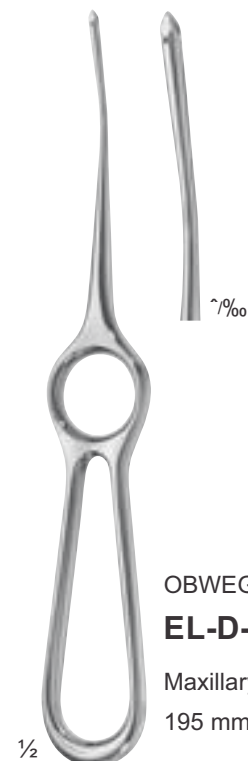
KELSEY FRY  
**EL-D-811**

Awl, straight  
150 mm, 5 1/2"



KELSEY FRY  
**EL-D-812**

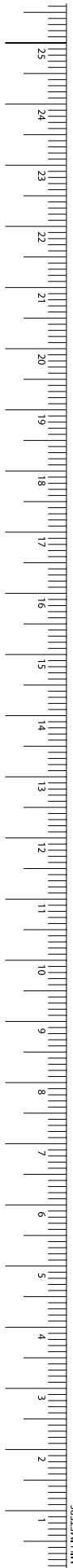
Awl, curved  
175 mm, 7"



OBWEGESER  
**EL-D-813**

Maxillary awl  
195 mm, 7 3/4"





PRICHARD  
**EL-D-814**  
Raspatory  
185 mm, 7 1/4"



PRICHARD  
**EL-D-815**  
Raspatory delicate  
185 mm, 7 1/4"



BUSER  
**EL-D-816**  
Raspatory  
185 mm, 7 1/4"



**BUSER**  
**EL-D-817**  
 Micro-Raspatory  
 180 mm, 7½"



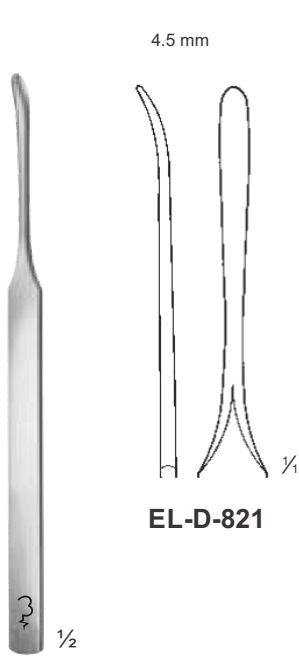
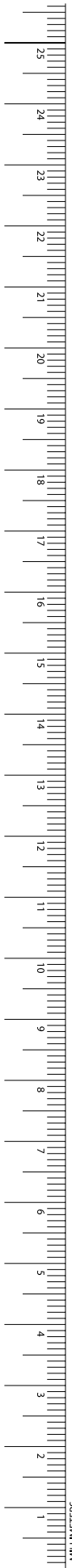
**GLICKMAN**  
**EL-D-818**  
 Raspatory  
 185 mm, 7¼"



**LANGE**  
**EL-D-819**  
 Raspatory  
 180 mm, 7½"



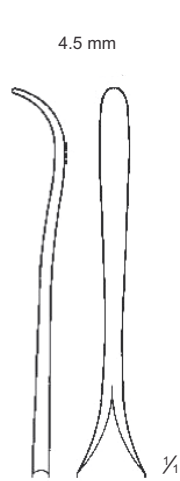
**FREER**  
**EL-D-820**  
 Raspatory  
 sharp/blunt  
 190 mm, 7½"



4.5 mm

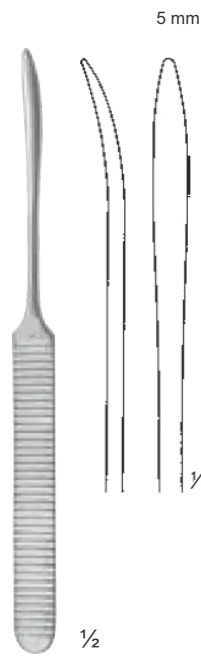
**EL-D-821**

**KÖNIG**  
**EL-D-821-EL-D-822**  
155 mm, 6"



4.5 mm

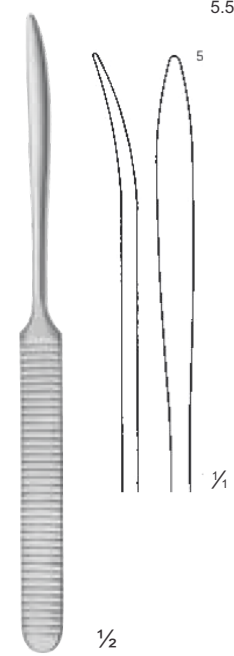
**EL-D-822**



5 mm

**WILLIGER**  
**EL-D-823**

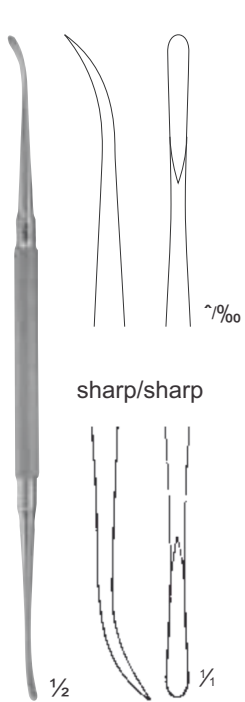
165 mm, 6 1/2"



5.5 mm

**WILLIGER**  
**EL-D-824**

170 mm, 6 3/4"



sharp/sharp

**FREER-YASARGIL**

**EL-D-825**

185 mm, 7 1/4"



blunt

3.3 mm

**HALLE**

**EL-D-826**

180 mm, 7"



sharp

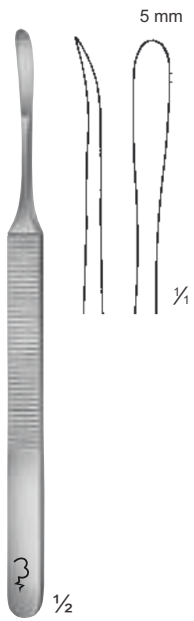
4.3 mm

**SYME**

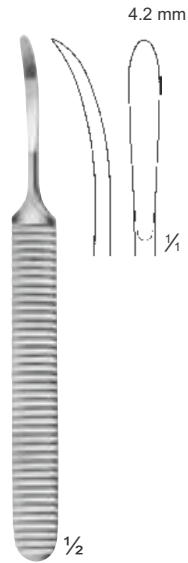
**EL-D-827**

185 mm, 7 1/4"

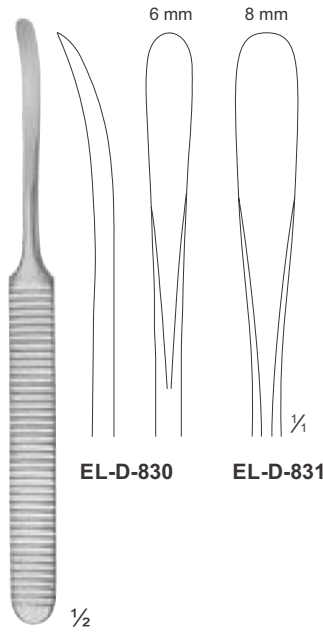
## Elevators, Raspatories



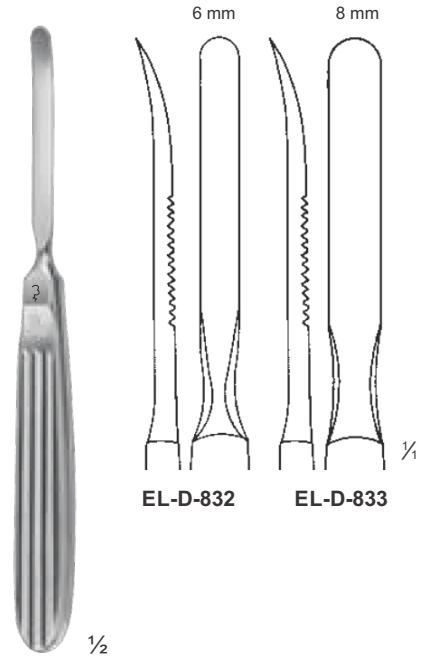
**KÖNIG**  
**EL-D-828**  
155 mm, 6"



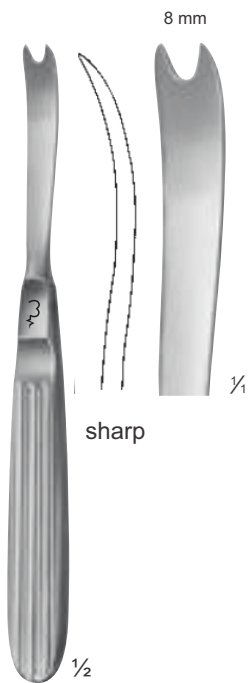
**WILLIGER**  
**EL-D-829**  
140 mm, 5 1/2"



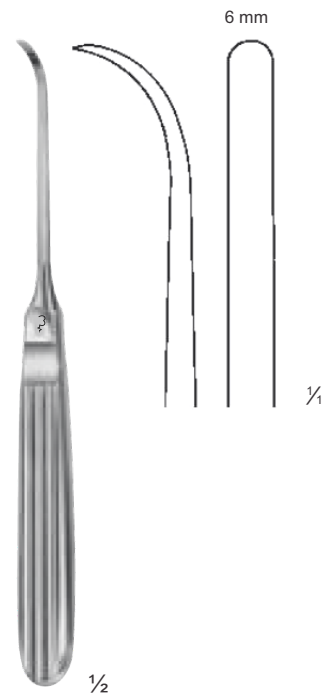
**WILLIGER**  
**EL-D-830-EL-D-831**  
160 mm, 6 1/4"



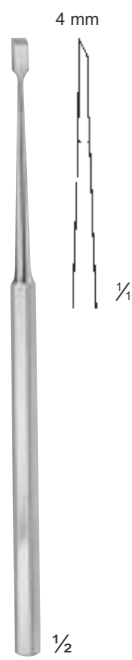
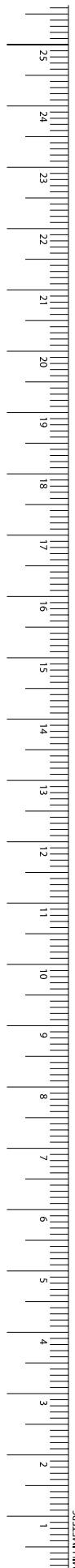
**EL-D-832-EL-D-833**  
165 mm, 6 1/2"



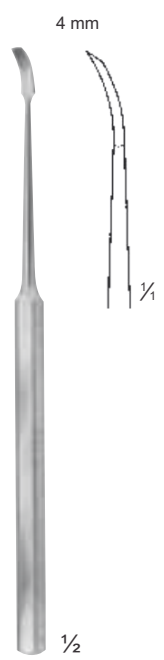
**OBWEGESER**  
**EL-D-834**  
170 mm, 6 3/4"



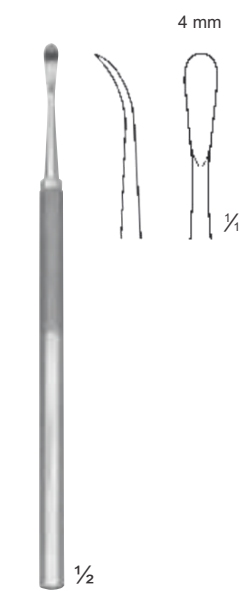
**EL-D-835**  
170 mm, 6 3/4"



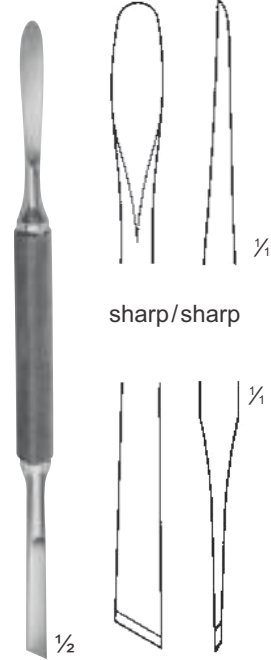
**FREER**  
**EL-D-836**  
160 mm, 6 1/4"



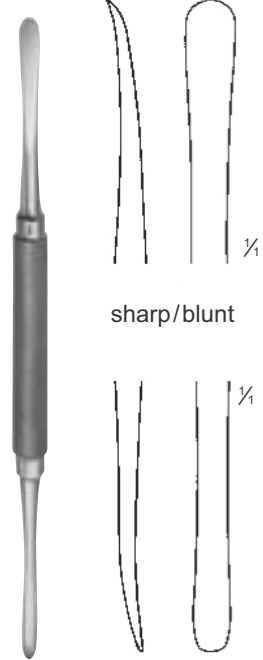
**FREER**  
**EL-D-837**  
160 mm, 6 1/4"



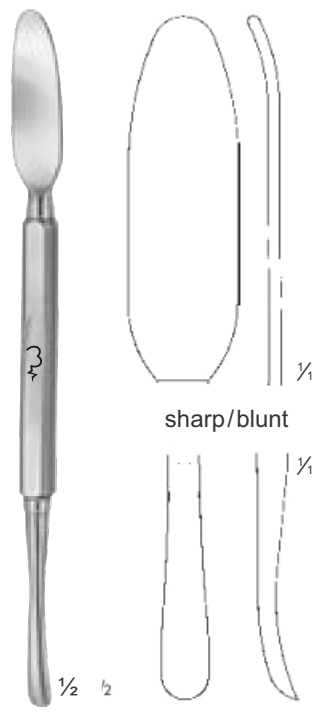
**PARTSCH, mod. LANGE**  
**EL-D-838**  
145 mm, 5 3/4"



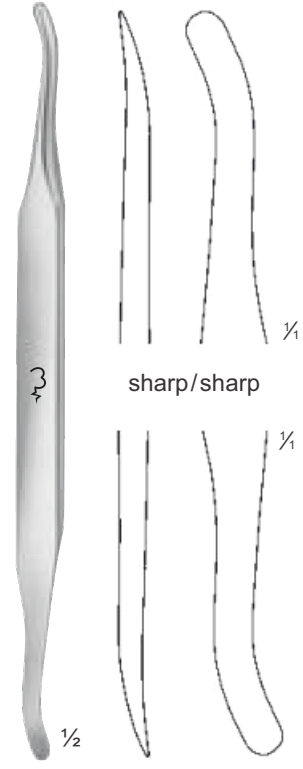
**MEAD**  
**EL-D-839**  
165 mm, 6 1/4"



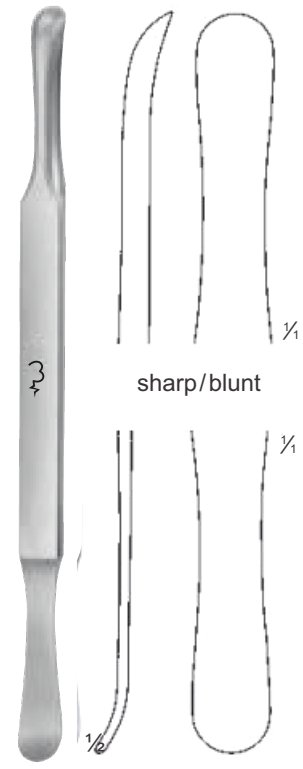
**MOLT**  
**EL-D-840**  
180 mm, 7"



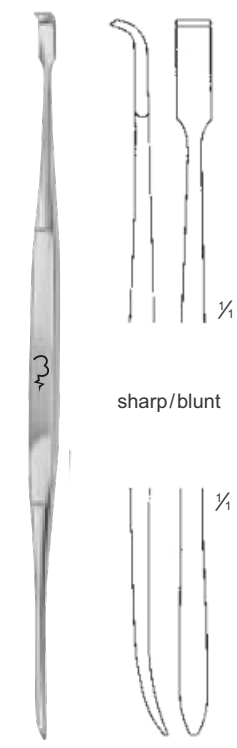
**ROBERTS**  
**EL-D-841**  
185 mm, 7 1/4"



**SELDIN**  
**EL-D-842**  
195 mm, 7 3/4"

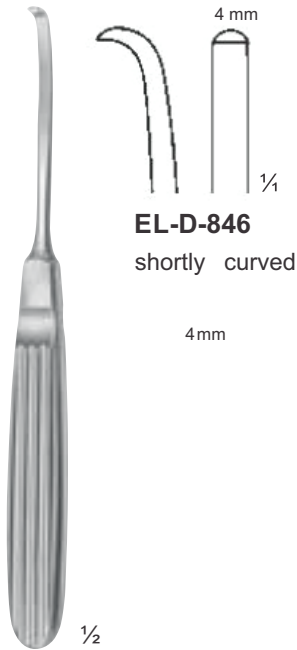


**SELDIN**  
**EL-D-843**  
200 mm, 8"



**HOWARTH**  
**EL-D-844**  
215 mm, 8 1/2"

## Raspatories



**EL-D-846**  
shortly curved

4 mm

1/2

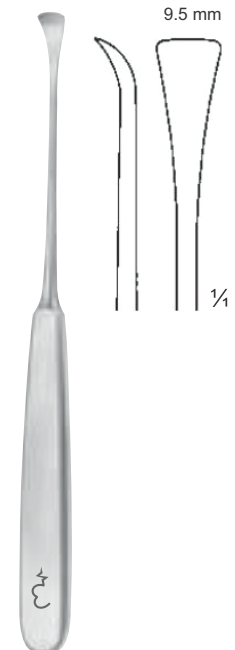
MÜHLING

**EL-D-845**

170 mm, 6 3/4"

### Range of application:

- For loosening parts of the mucosa
- For cyst resection
- For periodontal surgery



BÜCHS

**EL-D-847**

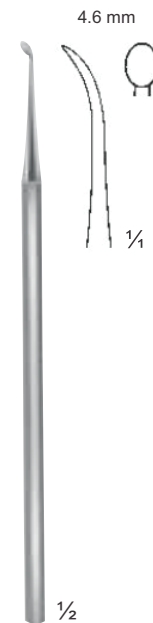
190 mm, 7 1/2"



**EL-D-848**  
for palate, left  
140 mm, 5 1/2"



**EL-D-849**  
for palate, right  
140 mm, 5 1/2"



PARTSCH

**EL-D-850**  
150 mm, 6"

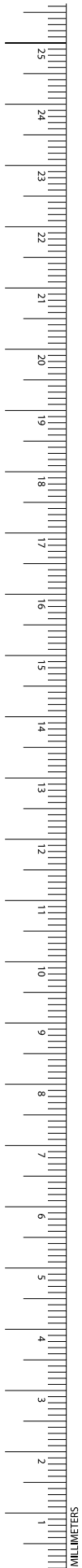


WARD

**EL-D-851**  
170 mm, 6 3/4"



# Dental Surgery



LUCAS

**EL-D-852**

Bone curettes,  
small  
180 mm, 7"



LUCAS

**EL-D-853**

Bone curettes,  
large  
180 mm, 7"





HEMINGWAY

**EL-D-854**

Fig. 0

170 mm, 6¾"



HEMINGWAY

**EL-D-855**

Fig. 1

170 mm, 6¾"



HEMINGWAY

**EL-D-856**

Fig. 2

170 mm, 6¾"



HEMINGWAY

**EL-D-857**

Fig. 3

170 mm, 6¾"



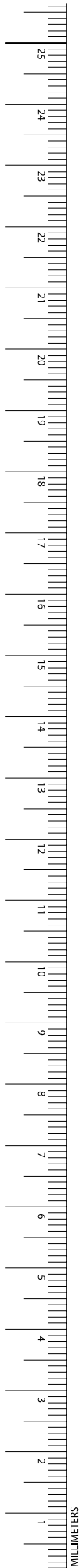
HEMINGWAY

**EL-D-858**

Fig. 4

170 mm, 6¾"

# Dental Surgery



**EL-D-859**

160 mm, 6 1/4"



JANSEN

**EL-D-860**

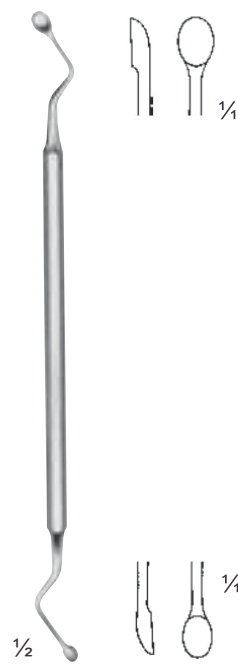
160 mm, 6 1/4"



HEMINGWAY

**EL-D-861**

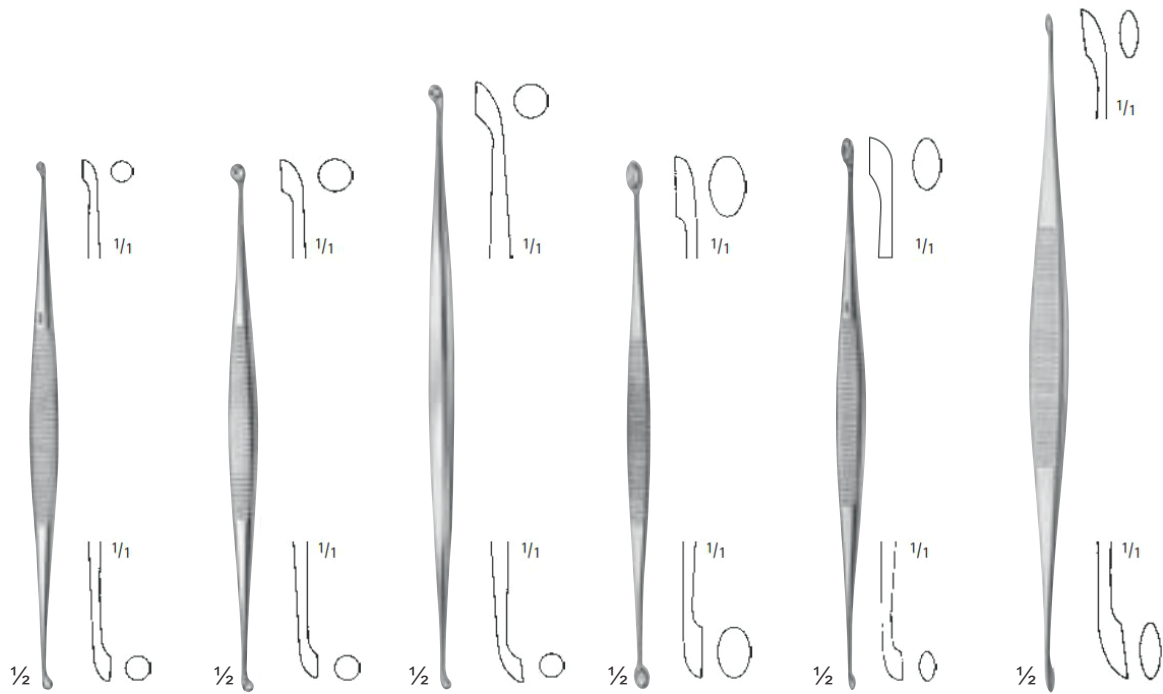
170 mm, 6 3/4"



HEMINGWAY

**EL-D-862**

170 mm, 6 3/4"



MARTINI

**EL-D-863**

140 mm, 5½"

MARTINI

**EL-D-864**

140 mm, 5½"

JANSEN

**EL-D-865**

160 mm, 6¼"

JACOBSON

**EL-D-866**

140 mm, 5½"

WILLIGER

**EL-D-867**

145 mm, 5¾"

BARTH

**EL-D-868**

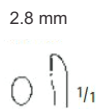
180 mm, 7"



VOLKMANN

**EL-D-869-EL-D-874**

170 mm, 6¾"



**EL-D-869**  
Fig. 0000



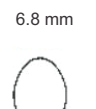
**EL-D-870**  
Fig. 000



**EL-D-871**  
Fig. 00



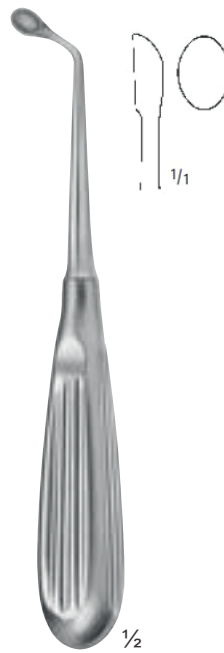
**EL-D-872**  
Fig. 0



**EL-D-873**  
Fig. 1



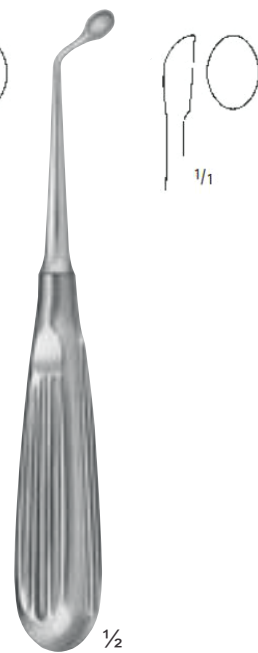
**EL-D-874**  
Fig. 2



UFFENORDE

**EL-D-875**

170 mm, 6¾"



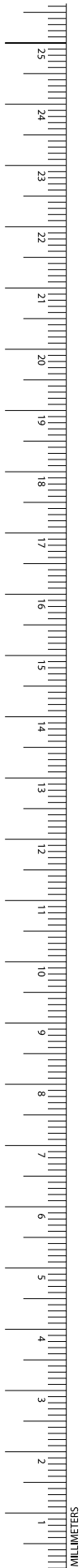
UFFENORDE

**EL-D-876**

170 mm, 6¾"



## Dental Surgery



MILLER

**EL-D-877**

Bone Curette

180 mm, 7"



MILLER

**EL-D-878-EL-D-880**

Bone files

180 mm, 7"



**EL-D-878**



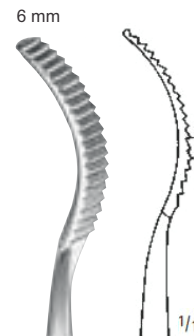
5 mm



**EL-D-879**



4.3 mm

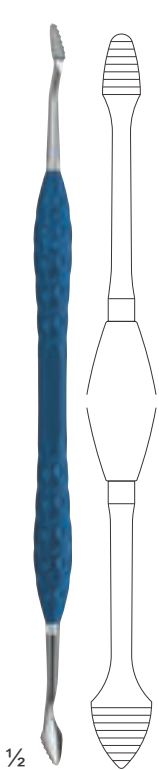
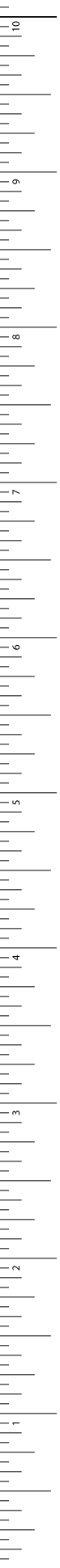


**EL-D-880**

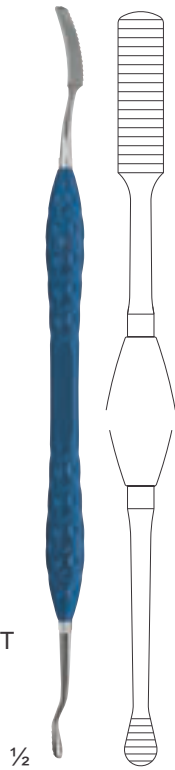


5 mm

# Bone Curettes, Files, Osteotomes, Chisels



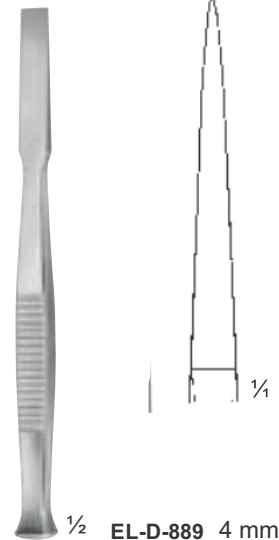
**MILLER**  
**EL-D-881**  
ERGOPLANT  
Bone file  
195 mm, 7<sup>3</sup>/<sub>4</sub>"



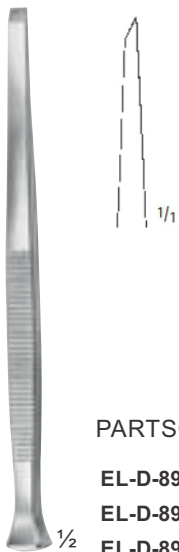
**MILLER**  
**EL-D-882**  
ERGOPLANT  
Bone file  
200 mm, 8"



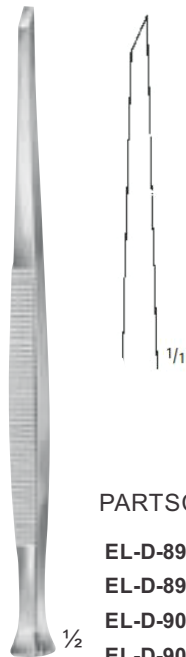
**LAMBOTTE**  
**EL-D-883** 4 mm  
**EL-D-884** 6 mm  
**EL-D-885** 8 mm  
**EL-D-886** 10 mm  
**EL-D-887** 12 mm  
**EL-D-888** 15 mm  
Osteotomes  
125 mm, 5"



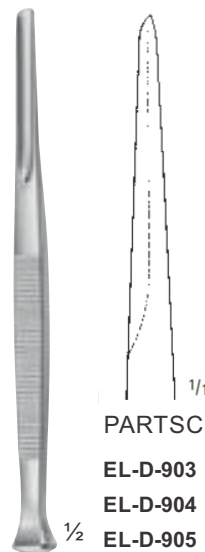
**EL-D-889** 4 mm  
**EL-D-890** 6 mm  
**EL-D-891** 8 mm  
**EL-D-892** 10 mm  
**EL-D-893** 12 mm  
Osteotomes  
140 mm, 5<sup>1</sup>/<sub>2</sub>"



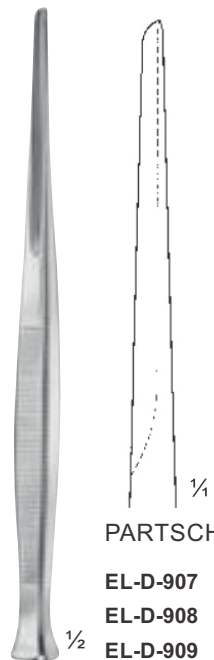
**PARTSCH**  
**EL-D-894** 3 mm  
**EL-D-895** 4 mm  
**EL-D-896** 5 mm  
**EL-D-897** 6 mm  
Chisels  
140 mm, 5<sup>1</sup>/<sub>2</sub>"



**PARTSCH**  
**EL-D-898** 3 mm  
**EL-D-899** 4 mm  
**EL-D-900** 5 mm  
**EL-D-901** 6 mm  
**EL-D-902** 7 mm  
Chisels  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

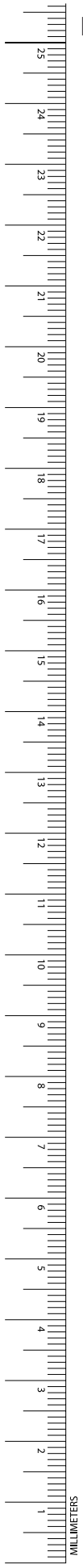


**PARTSCH**  
**EL-D-903** 3 mm  
**EL-D-904** 4 mm  
**EL-D-905** 5 mm  
**EL-D-906** 6 mm  
Gouges  
140 mm, 5<sup>1</sup>/<sub>2</sub>"



**PARTSCH**  
**EL-D-907** 3 mm  
**EL-D-908** 4 mm  
**EL-D-909** 5 mm  
**EL-D-910** 6 mm  
**EL-D-911** 7 mm  
Gouges  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

# Dental Surgery



**FREER**  
**EL-D-912** 4 mm  
 Chisel  
 160 mm, 6 1/4"



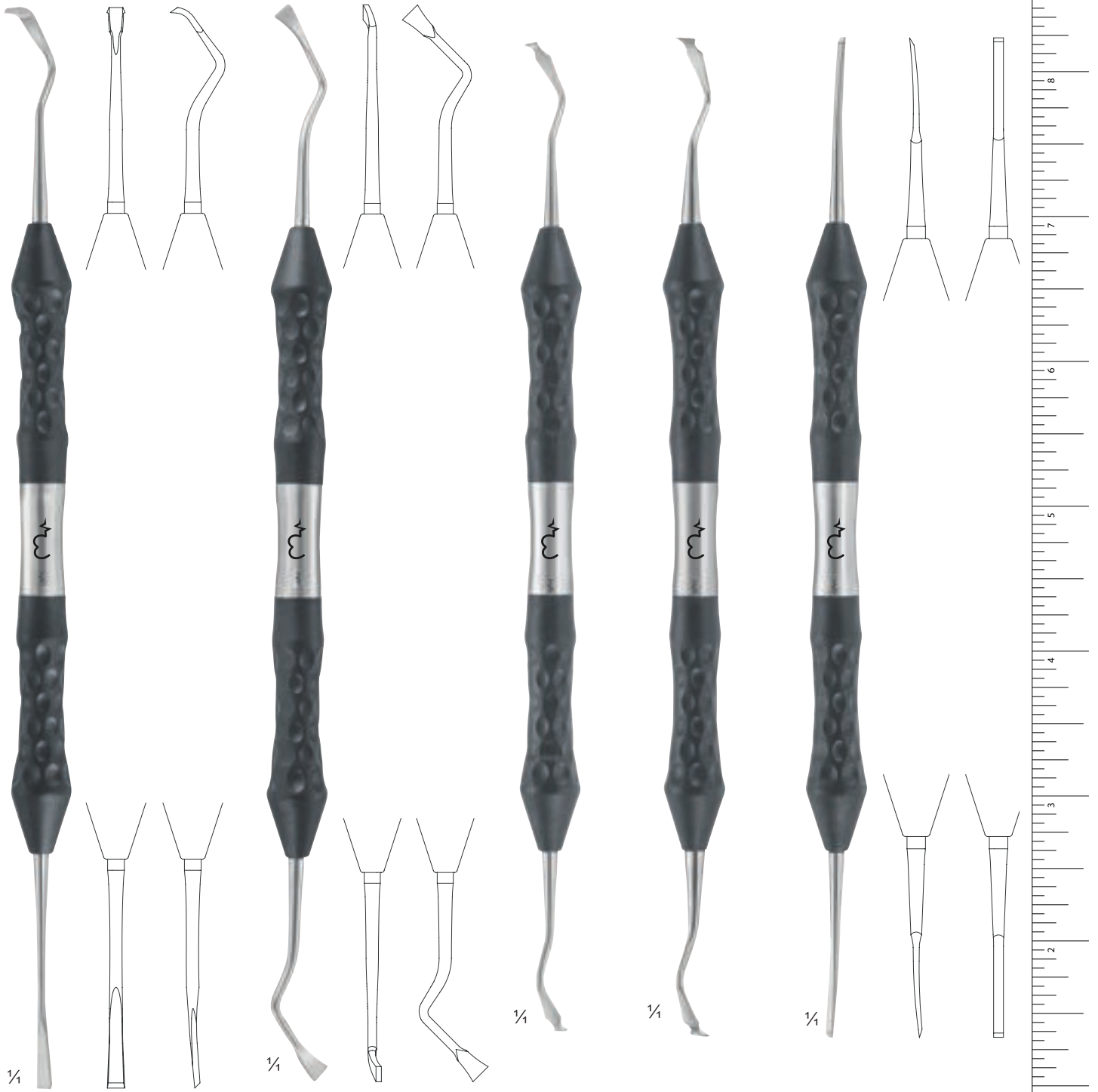
**FREER**  
**EL-D-913** 4 mm  
 Chisel, curved  
 160 mm, 6 1/4"



**LUCAS**  
**EL-D-914** 4 mm  
 Chisel  
 160 mm, 6 1/4"



**LUCAS**  
**EL-D-915** 3 mm  
 Gouges  
 160 mm, 6 1/4"



**KIRKLAND  
EL-D-916**

Fig. S13K/TG  
Mini chisel  
190 mm, 7½"

**OCHSENBEIN  
EL-D-917**

Fig. 4  
Mini chisel  
190 mm, 7½"

**RHODES  
EL-D-918**

Fig. M CR 36/37  
Mini chisel  
175 mm, 7"

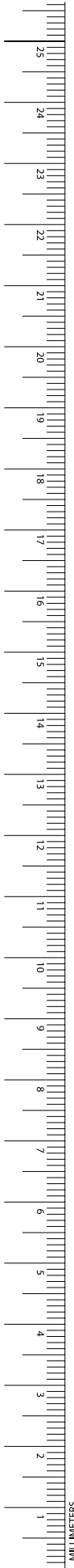
**RHODES  
EL-D-919**

Fig. CR 36/37  
Mini chisel  
175 mm, 7"

**KRAMER-NEVINS  
EL-D-920**

Fig. M CKN 1/2  
Mini chisel  
175 mm, 7"

# Dental Surgery



○ **EL-D-921**  
Ø 3 mm

○ **EL-D-922**  
Ø 5 mm

○ **EL-D-923**  
Ø 7 mm

○ **EL-D-924**  
Ø 9 mm

□ **EL-D-925**  
2.5 mm

□ **EL-D-926**  
3.5 mm

## EL-D-921-EL-D-924

Tampers for bone grafts  
can also be used as  
hemostatic chisels  
160 mm, 6½"

## PASSOW

### EL-D-925-EL-D-926

Tampers for bone grafts  
can also be used as  
hemostatic chisels  
120 mm, 4¾"

## OBWEGESER

### EL-D-927 11 mm

Pterygomaxillary  
osteotome, curved, for  
anterior displacement  
of maxilla  
235 mm, 9¼"

## NIEDERDELLMANN

### EL-D-928 8 mm

### EL-D-929 10 mm

Osteotomes, curved,  
for sagittal splitting  
procedure of the lower  
jaw  
250 mm, 10"

## COTTLE

- EL-D-930** 4 mm
- EL-D-931** 6 mm
- EL-D-932** 8 mm
- EL-D-933** 10 mm
- EL-D-934** 12 mm

Osteotome with  
depth markings  
180 mm, 7"

## COTTLE

- EL-D-935** 4 mm
- EL-D-936** 7 mm
- EL-D-937** 9 mm
- EL-D-938** 12 mm

Chisel-Osteotomes  
with depth markings  
180 mm, 7"

## COTTLE

### EL-D-939 6 mm

Osteotome with  
depth markings  
180 mm, 7"

## EAST GRINSTEAD (WARD)

### EL-D-940 3 mm

### EL-D-941 5 mm

Chisels  
180 mm, 7"

## EAST GRINSTEAD (WARD)

### EL-D-942 3 mm

### EL-D-943 5 mm

Osteotomes  
180 mm, 7"



Chisels for bone transplantation



- EL-D-944 10 mm
- EL-D-945 15 mm
- EL-D-946 20 mm

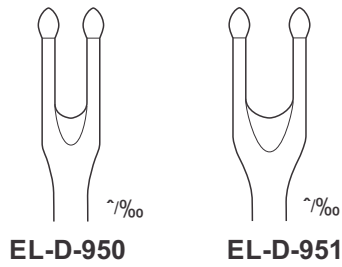
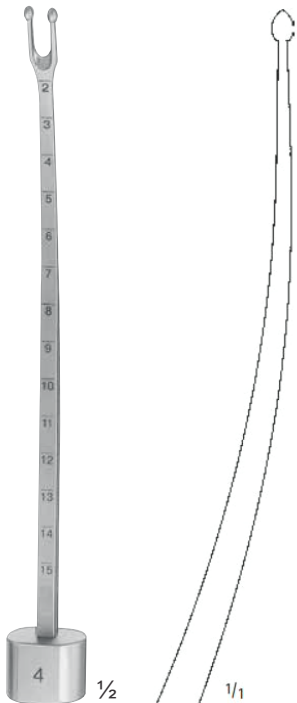
Chisel, straight  
with PEEK-handle  
200 mm, 8"

Chisels for bone transplantation



- EL-D-947 10 mm
- EL-D-948 15 mm
- EL-D-949 20 mm

Chisel, curved  
with PEEK-handle  
200 mm, 8"



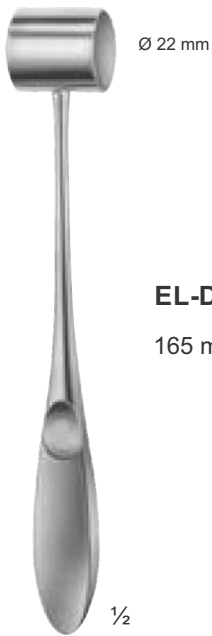
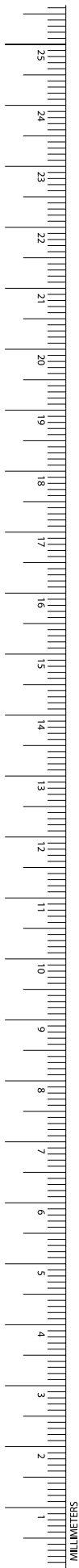
- EL-D-952 4 mm
- EL-D-953 6 mm

Osteotome  
185 mm, 7 1/4"



## Dental Surgery

Weights refer to the heads of the mallets



Ø 22 mm

**EL-D-954** 80 g  
165 mm, 6½"

½



Ø 25 mm

**EL-D-955** 155 g  
190 mm, 7½"

½

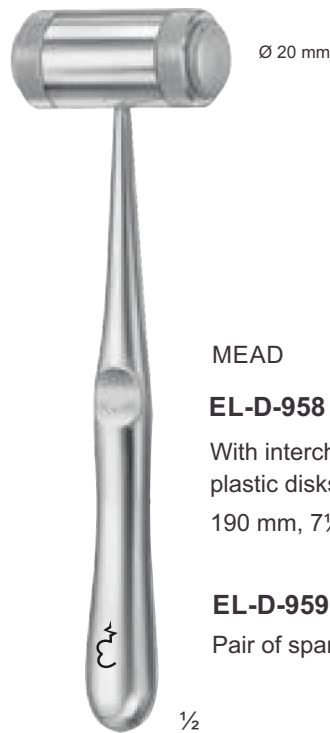


Ø 25 mm

**EL-D-956** 135 g  
With interchangeable  
plastic disks  
185 mm, 7¼"

**EL-D-957**  
Pair of spare disks

½



Ø 20 mm

MEAD  
**EL-D-958** 180 g  
With interchangeable  
plastic disks  
190 mm, 7½"

**EL-D-959**  
Pair of spare disks

½



30 Ømm

COTTLE

**EL-D-960** 235 g

1 Side flat  
1 Side convex  
185 mm, 7¼"

½



27 mm

HAJEK

**EL-D-961** 135 g

220 mm, 8¾"

½



Ø 25 mm

**EL-D-962** 135 g

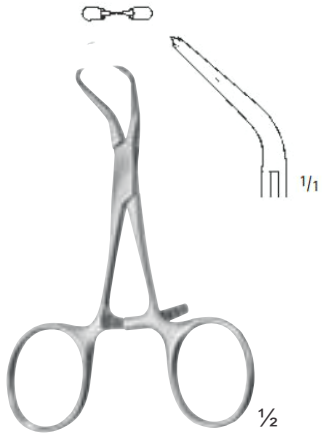
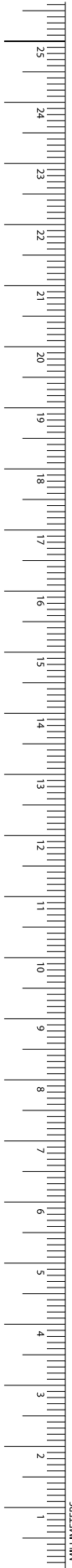
ERGOPLANT Mallet,  
with interchangeable plastic disks  
200 mm, 8"

**EL-D-963**

Pair of spare disks

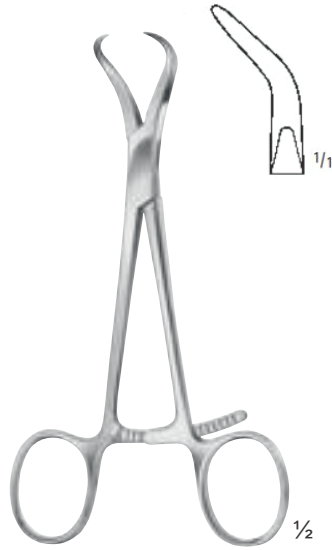
½

## Dental Surgery



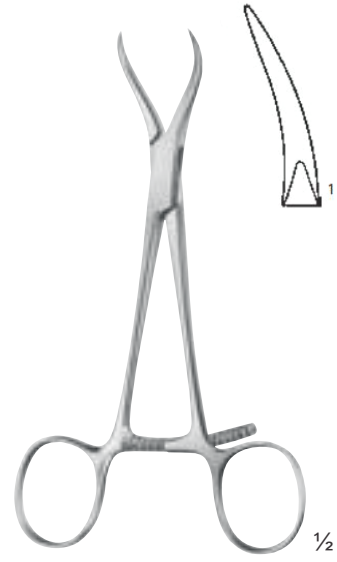
**EL-D-964**

Reposition forceps with stepped tips,  
long ratchet  
95 mm, 3 $\frac{3}{4}$ "



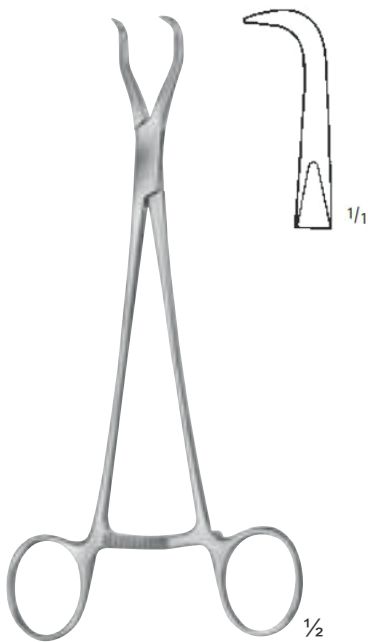
**EL-D-965**

Reposition forceps for small fragments  
135 mm, 5 $\frac{1}{4}$ "



**EL-D-967**

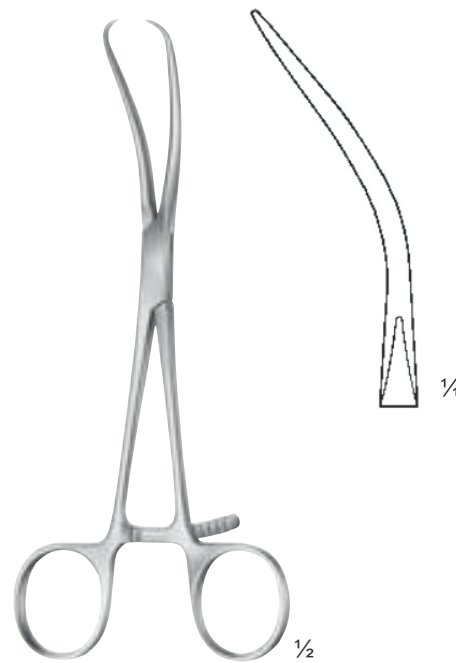
Reposition forceps,  
especially for maxillary reposition  
135 mm, 5 $\frac{1}{4}$ "



**HAASE**

**EL-D-968**

Reposition forceps for mandibular fractures  
165 mm, 6 $\frac{1}{2}$ "



**REILL**

**EL-D-969**

Reposition forceps  
170 mm, 6 $\frac{3}{4}$ "



**EL-D-970**  
Bone holding forceps  
200 mm, 8"



**EL-D-971**  
Bone fixation forceps



**EL-D-972**  
Bone processing forceps



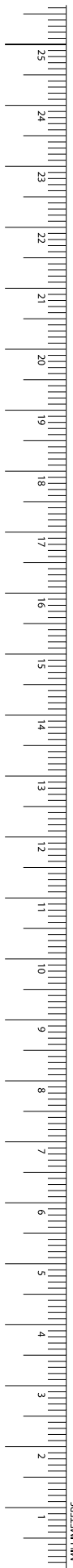
DINGMANN  
**EL-D-973**  
Bone holding forceps  
185 mm, 7 1/4"



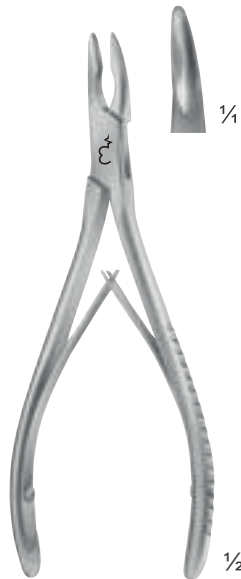
DINGMANN, modif.  
**EL-D-974**  
Bone holding forceps  
185 mm, 7 1/4"



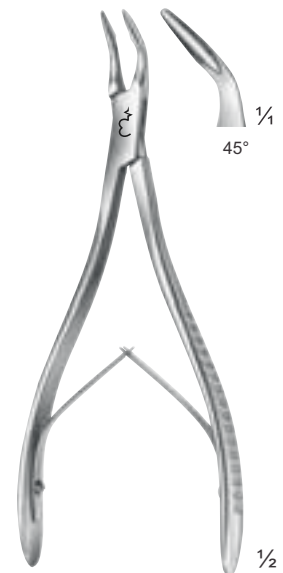
# Dental Surgery



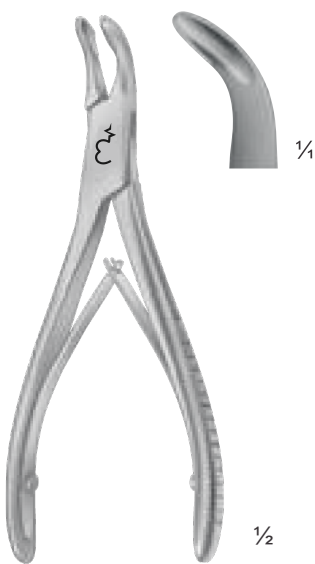
**LUER-FRIEDMANN**  
**EL-D-975**  
ERGOPLANT  
145 mm, 5<sup>3</sup>/<sub>4</sub>"



**LUER-FRIEDMANN**  
**EL-D-976**  
145 mm, 5<sup>3</sup>/<sub>4</sub>"



**EL-D-977**  
150 mm, 6"



**EL-D-978**  
140 mm, 5<sup>1</sup>/<sub>2</sub>"



**LUER**  
**EL-D-979**  
150 mm, 6"



**LUER**  
**EL-D-980**  
155 mm, 6"

Bone Rongeurs



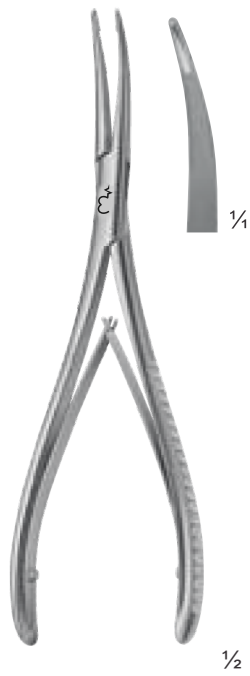
SCHWARZ  
**EL-D-981**  
145 mm, 5<sup>3</sup>/<sub>4</sub>"



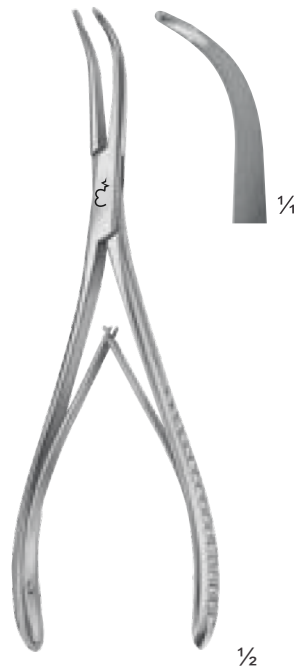
BLUMENTHAL  
**EL-D-982**  
155 mm, 6"



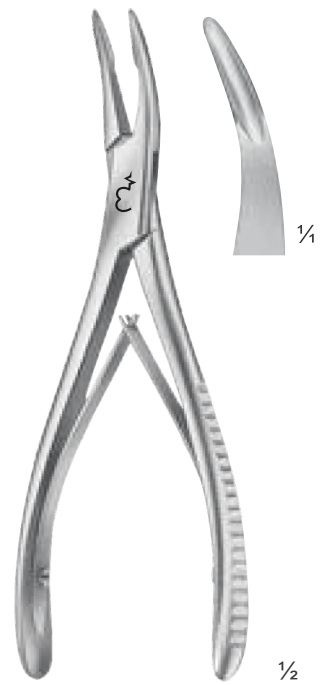
BLUMENTHAL  
**EL-D-983**  
155 mm, 6"



STELLBRINK  
**EL-D-984**  
175 mm, 7"



STELLBRINK  
**EL-D-985**  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



BEYER  
**EL-D-986**  
180 mm, 7"



# Dental Surgery



**STAMM**  
**EL-D-987**  
 Bone cutting forceps  
 150 mm, 6"



**MEAD**  
**EL-D-988**  
 Bone rongeur  
 165 mm, 6½"



**BANE-HARTMANN**  
**EL-D-989**  
 Bone rongeur  
 175 mm, 7"



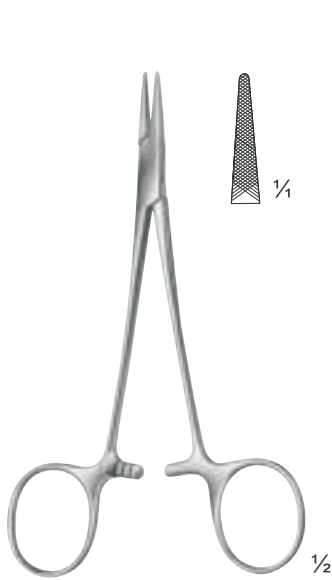
**BEYER**  
**EL-D-991**

**EL-D-990**  
 Bone rongeur  
 180 mm, 7"



**ZAUFAL-JANSEN**  
**EL-D-992**





**HALSEY**

**EL-D-993**

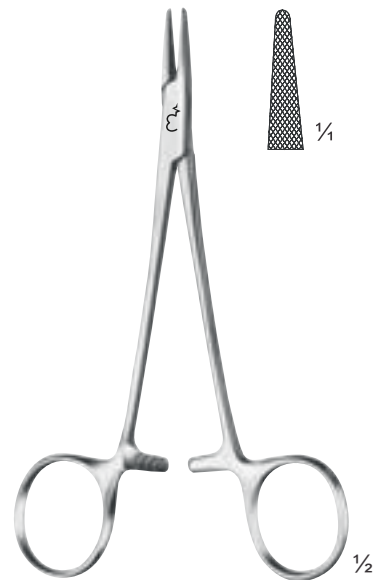
Needle holder  
130 mm, 5<sup>1</sup>/<sub>8</sub>"



**BAUMGARTNER**

**EL-D-994**

Needle holder  
145 mm, 5<sup>3</sup>/<sub>8</sub>"



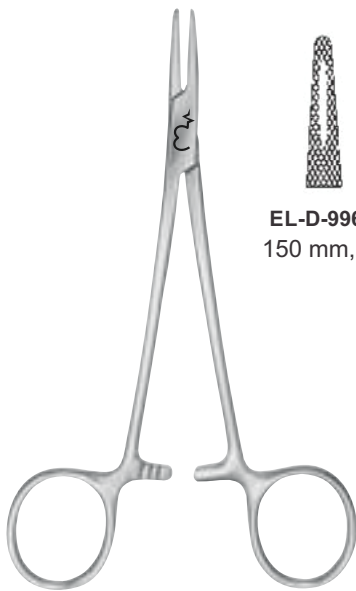
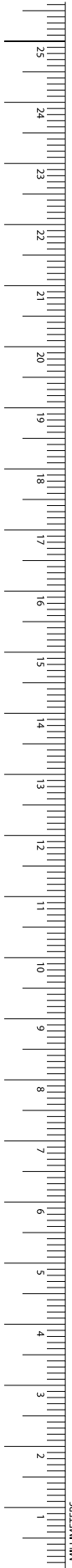
**CRILE-MURRAY**

**EL-D-995**

Needle holder  
150 mm, 6"



# Dental Surgery



**MAYO-HEGAR**  
**EL-D-996-EL-D-998**  
 Needle holder  
 medium fine patterns



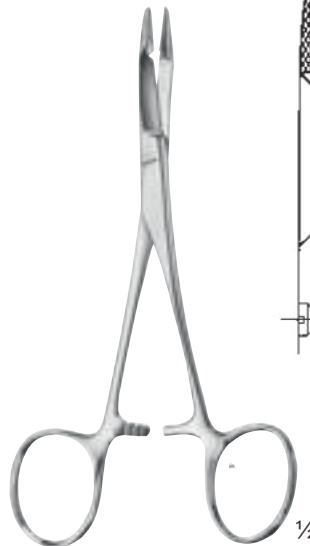
**EL-D-996**  
 150 mm, 6"



**EL-D-997**  
 185 mm, 7 1/4"



**EL-D-998**  
 200 mm, 8"



**HEGAR-OLSEN**  
**EL-D-999**  
 Needle holders with scissors  
 140 mm, 5 1/2"



1/1

1/2



**GILLIES**  
**EL-D-1000**  
 Needle holder with scissors  
 150 mm, 6"



1/1

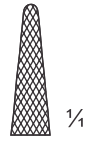
1/2



MATHIEU

**EL-D-1001-EL-D-1003**

Needle holder



**EL-D-1001**  
140 mm, 5½"



**EL-D-1002**  
170 mm, 6¾"



**EL-D-1003**  
200 mm, 8"



CRILE

**EL-D-1004**

Needle holder

150 mm, 6"



TOENNIS

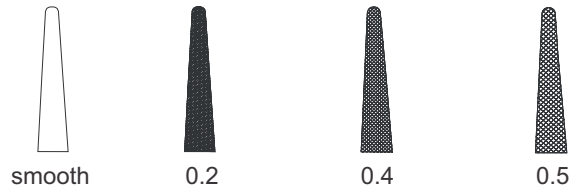
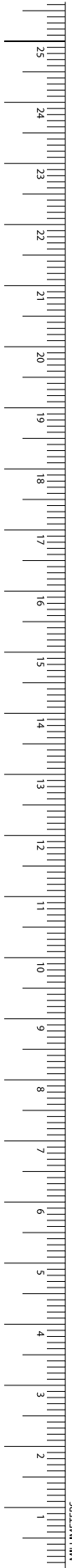
**EL-D-1005**

Needle holder, elastic pattern

180 mm, 7"



# Dental Surgery



needle holders have jaws with carbide inserts and according to the use required the resp. structure can be chosen. A smooth jaw surface as well as 3 different serrations enable a sure "grip" of the resp. needle.

We recommend carbide inserts  
 with smooth jaw surface for suture material 9/0 – 11/0  
 with 0.2 mm pitch of serration for suture material 6/0 – 10/0  
 0.4 mm 4/0 – 6/0  
 0.5 mm up to 3/0



Needle holders see page 141  
 Needle holders with carbide inserts  
 Identification: gold-plated rings, handle ends and ratchets



**EL-D-1006**  
 Suture forceps, angulated  
 150 mm, 6"

For holding tissue and membranes. The slit in the working tip serves for precise positioning of the needle.



**CASTROVIEJO EL-D-1007**  
 Needle holder  
 145 mm, 5 1/4"

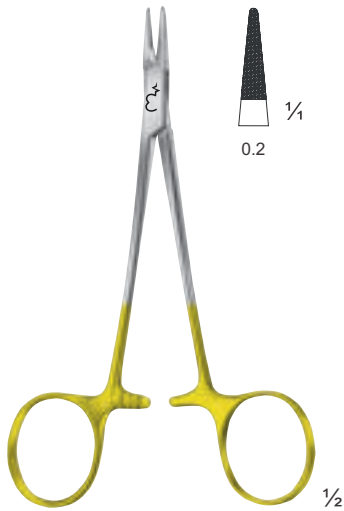


**EL-D-1008**  
 Needle holder  
 180 mm, 6 3/4"



**EL-D-1009-EL-D-1010**  
 Micro needle holder for suture material 6/0 – 8/0  
 180 mm, 7"

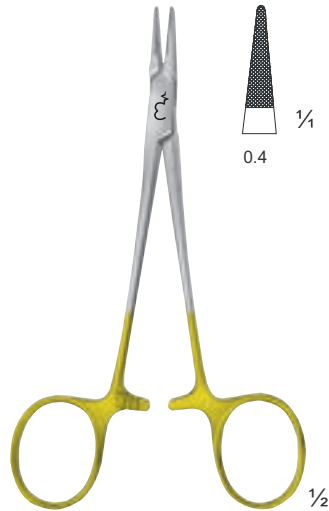
»delicate«



CONVERSE

**EL-D-1011**

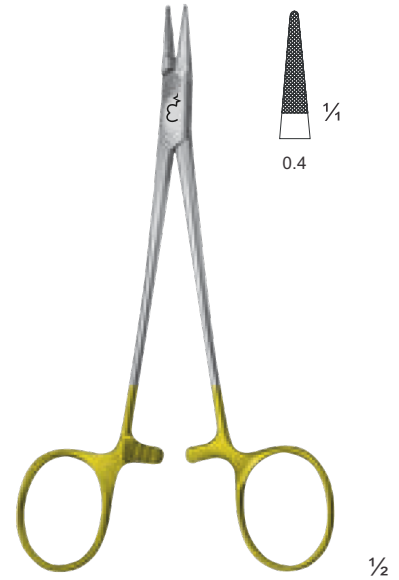
very delicate  
130 mm, 5 1/8"



HALSEY

**EL-D-1012**

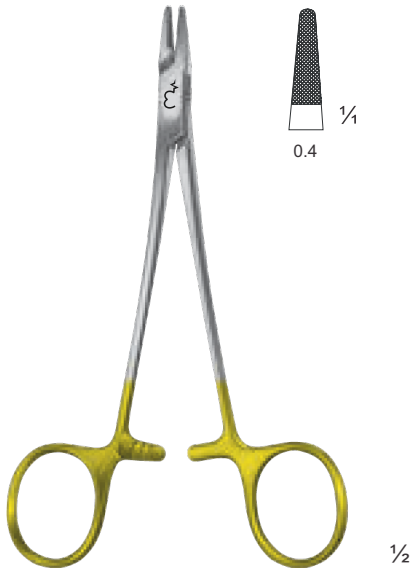
130 mm, 5 1/8"



BABY-CRILE-WOOD

**EL-D-1013**

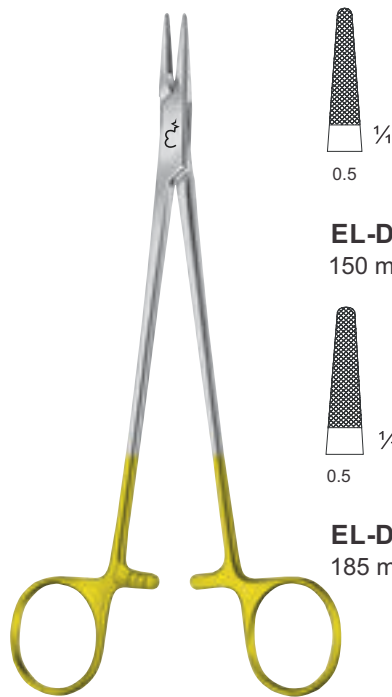
150 mm, 6"



CRILE-WOOD

**EL-D-1014**

145 mm, 5 3/4"



HEGAR-MAYO

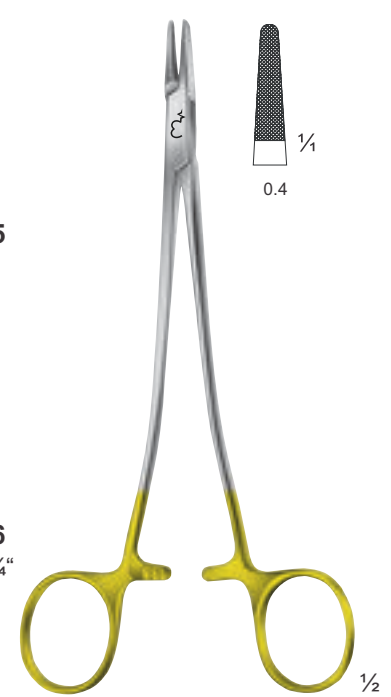
**EL-D-1015-EL-D-1016**

**EL-D-1015**

150 mm, 6"

**EL-D-1016**

185 mm, 7 1/4"



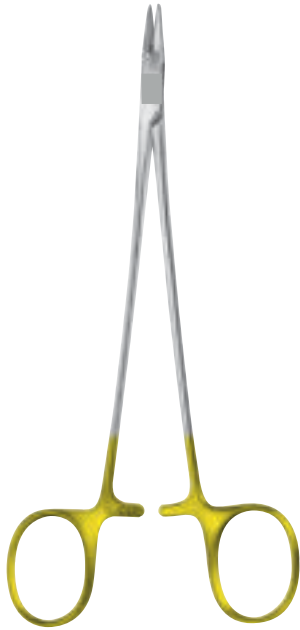
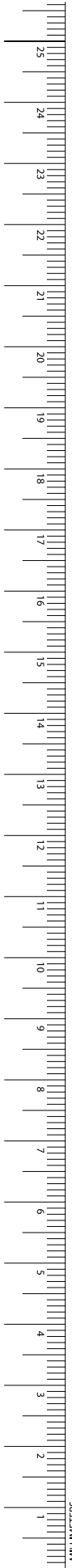
SAROT

**EL-D-1017**

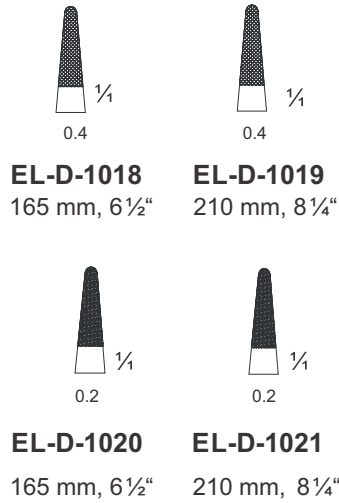
175 mm, 7"



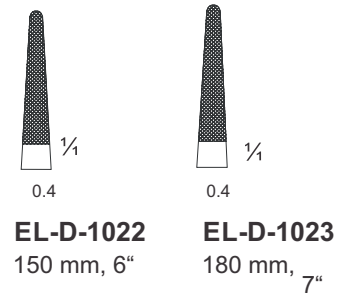
# Dental Surgery



DE BAKEY  
**EL-D-1018-EL-D-1021**  
very delicate



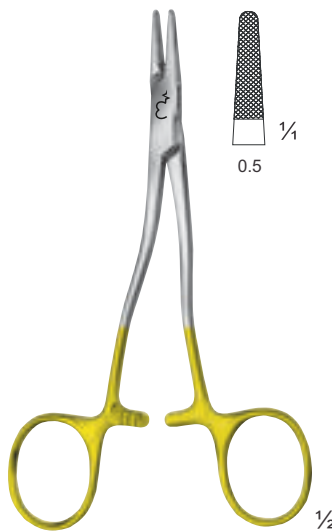
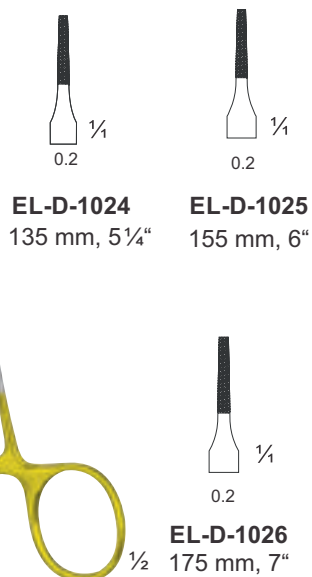
DE BAKEY  
**EL-D-1022-EL-D-1023**



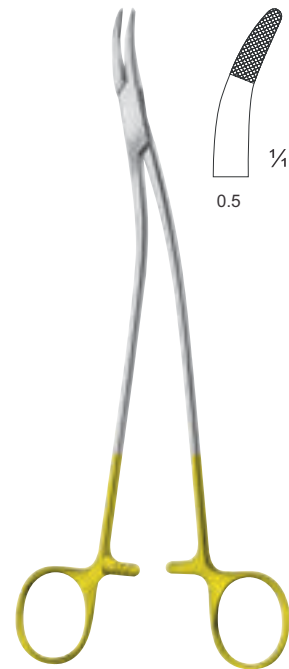
»delicate«



RYDER  
**EL-D-1024-EL-D-1026**  
very delicate



KILNER  
**EL-D-1027**  
135 mm, 5 1/4"



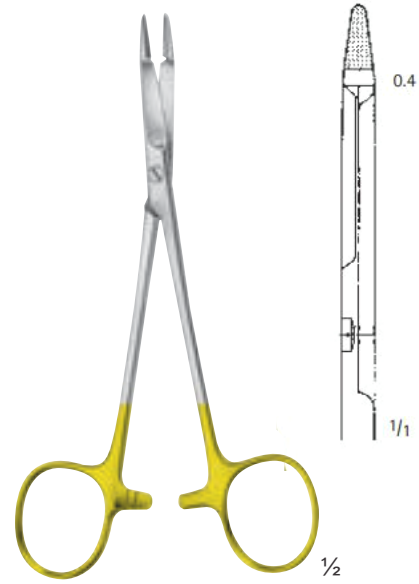
STRATTE  
**EL-D-1028**  
210 mm, 8 1/4"



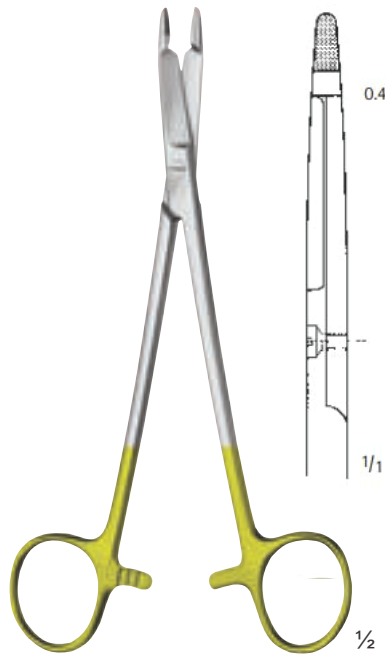
Needle holder with scissors, one blade fine serrated



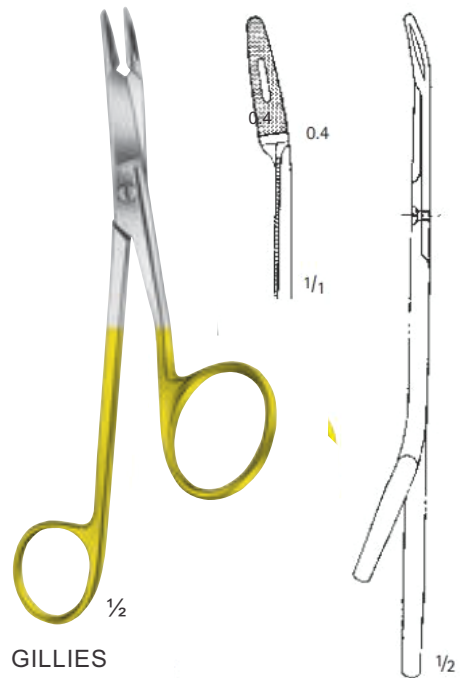
**EL-D-1029**  
With smooth jaws  
125 mm, 5"



HEGAR-OLSEN modif. LANGE  
**EL-D-1030**  
145 mm, 5¾"



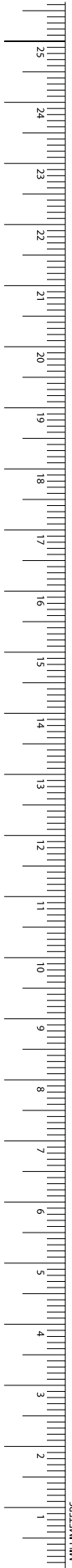
HEGAR-OLSEN  
**EL-D-1031**  
165 mm, 6½"



GILLIES  
**EL-D-1032**  
160 mm, 6¼"



# Dental Surgery



**TOENNIS**  
**EL-D-1033**  
 Elastic pattern  
 180 mm, 7"



**EL-D-1034**  
 200 mm, 8"



**LANGENBECK**  
**EL-D-1035**  
 200 mm, 8"

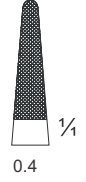
»delicate«



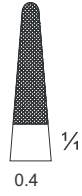
»delicate«



**EL-D-1036**  
140 mm,  
5½"



**EL-D-1037**  
170 mm,



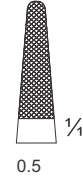
**EL-D-1038**  
200 mm,

MATHIEU  
**EL-D-1036-EL-D-1038**

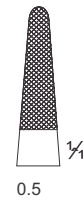
Needle holder, delicate pattern



**EL-D-1039**  
140 mm,  
5½"



**EL-D-1040**  
170 mm,  
6¾"

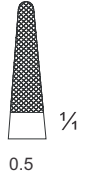


**EL-D-1041**  
200 mm,  
8"

MATHIEU-STANDARD  
**EL-D-1039-EL-D-1041**

Needle holder

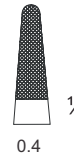
»delicate«



LICHTENBERG

**EL-D-1042**

Needle holder, elastic pattern  
195 mm, 7¾"



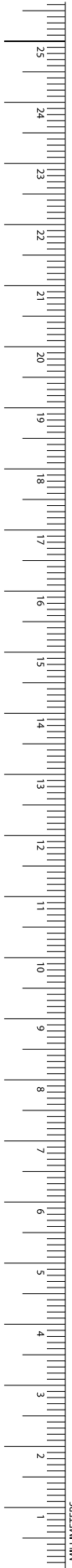
HÖSEL

**EL-D-1043**

Needle holder with long neck  
205 mm, 8"



## Dental Surgery



**EL-D-1044** 70 x 53 x 9 mm  
Needle case



**EL-D-1045** 150 x 90 x 10 mm  
Needle case



**EL-D-1046** 50 x 25 x 5 mm  
**EL-D-1047** 50 x 30 x 6 mm  
**EL-D-1048** 75 x 25 x 5 mm  
Needle case



**EL-D-1049** 65 x 13 mm  
**EL-D-1050** 95 x 16 mm  
Needle case complete,  
with interior box



**EL-D-1051** 62 x 11 mm  
**EL-D-1052** 90 x 14 mm  
Interior box only,  
perforated



BOWMAN

- EL-D-1053** 0.7+ 0.8 mm Ø, Fig. 00/0
- EL-D-1054** 0.9+ 1.1 mm Ø, Fig. 1/2
- EL-D-1055** 1.3+ 1.4 mm Ø, Fig. 3/4
- EL-D-1056** 1.5+ 1.6 mm Ø, Fig. 5/6
- EL-D-1057** 1.8+ 1.9 mm Ø, Fig. 7/8

Probes, malleable  
130 mm, 5 1/8"



diam. of tips

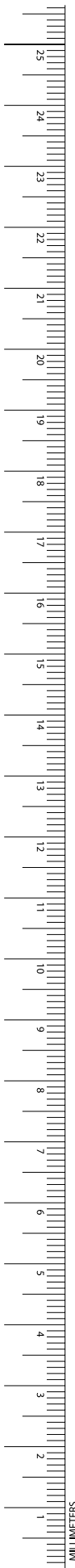
- Probes
- 1 mm
  - 1.5 mm
  - 2 mm

Length

- EL-D-1058** 130 mm, 5 1/8"
- EL-D-1059** 145 mm, 5 3/4"
- EL-D-1060** 160 mm, 6 1/4"



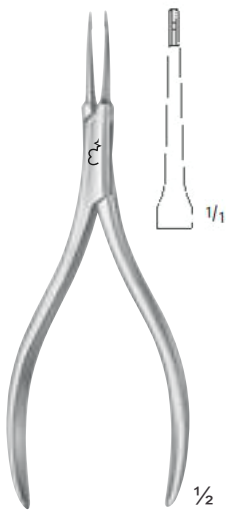
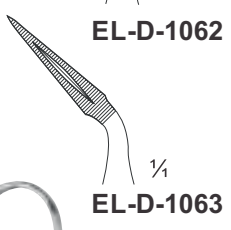
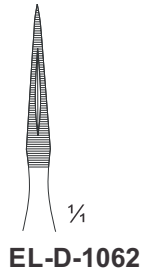
# Dental Surgery



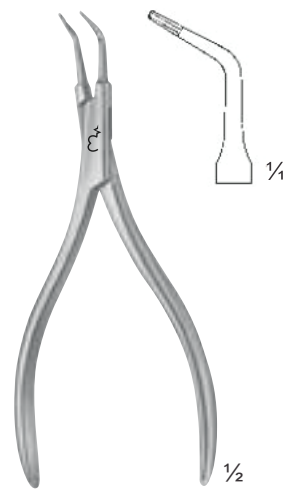
**HAUER**  
**EL-D-1061**  
 Medicine applicator  
 135 mm, 5 1/4"



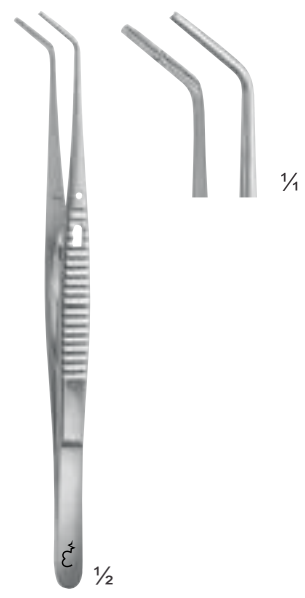
**STIEGLITZ**  
**EL-D-1062-EL-D-1063**  
 Splinter forceps  
 140 mm, 5 1/2"



**EL-D-1064**  
 Nerve instrument  
 for broken nerve instrument  
 130 mm, 5 1/8"



**EL-D-1065**  
 Nerve instrument  
 for broken nerve instrument  
 125 mm, 5"

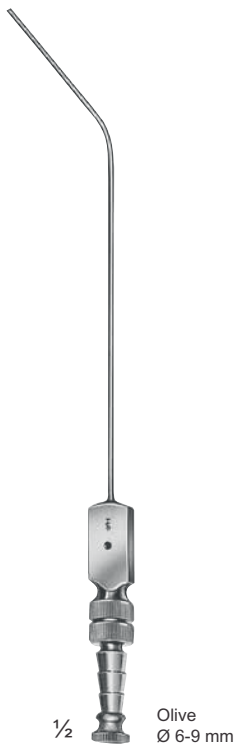
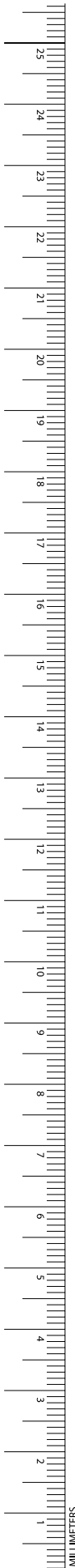


**EL-D-1066**  
 Pin holding forceps  
 with lock  
 150 mm, 6"



With notch at the working end to prevent premature suction

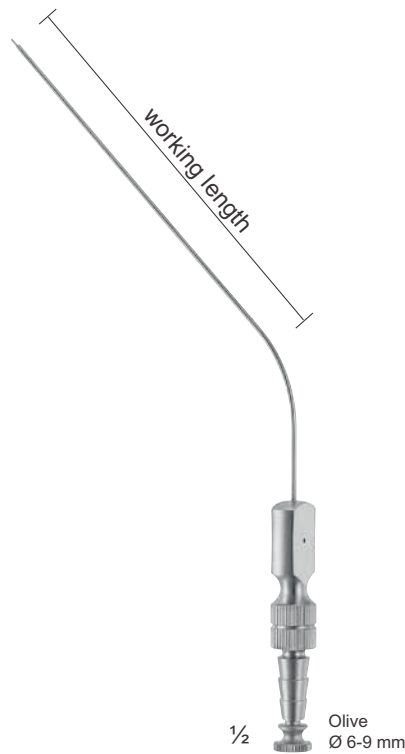
# Dental Surgery



## PLESTER

- EL-D-1077 Ø 1.5 mm
- EL-D-1078 Ø 2.0 mm
- EL-D-1079 Ø 2.5 mm
- EL-D-1080 Ø 3.0 mm

With finger cut-off and stylet,  
thumb piece parallel to curve, with LUER hub  
195 mm, 7 3/4"



## FERGUSSON

Ø/diam.	Working length	Working length
1.5 mm	EL-D-1081	EL-D-1087
2 mm	EL-D-1082	EL-D-1088
2.5 mm	EL-D-1083	EL-D-1089
3 mm	EL-D-1084	EL-D-1090
4 mm	EL-D-1085	EL-D-1091
5 mm	EL-D-1086	EL-D-1092

With finger cut-off and stylet, thumb piece 90° to curve, with LUER hub  
180 mm, 7"

**Cartridge Syringe "Aspira-plus II"  
made of stainless instrument-steel (no chrome),  
with aspiration device**

After having inserted the ampulla and the cannula, the syringe is immediately ready for injection.

By a slight twist of the piston rod to the right the double corkscrew tip will grasp the foam rubber of the ampulla .

This enables a controlled aspiration.

**Advantages:**

- Easy and safer processing by using corrosion- and acid resistant instrument steel instead of chrome material
- Easy cartridge insert and ejection by folding back the bush
- Enables controlled aspiration



1/2

**EL-D-1093** 2.2 ml  
Syringe with crutch handle,  
with long needle attachment



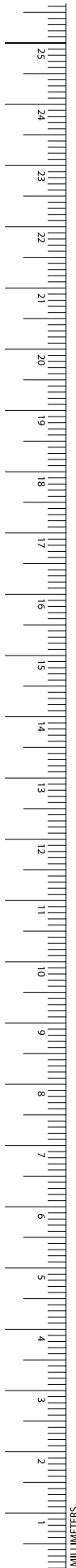
1/4

**EL-D-1094**  
Needle attachment, long, suitable for  
all disposable needles with a thread  
diameter of 6 mm and long cartridge  
pick (e.g. Sterican Z, B. Braun etc.)

\* Delivered without canula



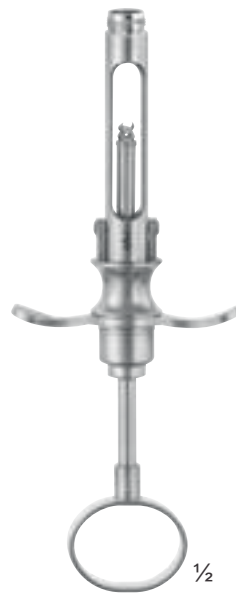
## Dental Surgery



**EL-D-1095** 2.2 ml  
Syringe with short needle attachment (SL033R)



**EL-D-1096**  
Short needle attachment only, for American disposable needles with small thread (5.5 mm diam.) and short cartridge pick



**EL-D-1097** 1.8 ml  
Syringe without needle attachment



**EL-D-1098**  
Short needle attachment only, for disposable needles, with large thread (6 mm diam.) and short cartridge pick.

\* Delivered without canula





**EL-D-1099**  
Small dish  
50 x 30 x 20 mm



**EL-D-1100-EL-D-1105**  
Round bowls

	Capacity (litre)	Dimensions in cm (upper x lower x height)
<b>EL-D-1100</b>	0.02	4.0 x 2.8 x 1.9
<b>EL-D-1101</b>	0.06	6.1 x 4.2 x 3.0
<b>EL-D-1102</b>	0.16	8.3 x 5.4 x 4.1
<b>EL-D-1103</b>	0.4	11.1 x 7.2 x 5.6
<b>EL-D-1104</b>	1.0	15.1 x 10.0 x 7.3
<b>EL-D-1105</b>	2.5	21.1 x 14.5 x 9.6



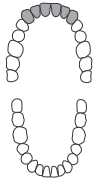
## Tooth Extraction

### Anatomica-Tooth Forceps

- Anatomically shaped for precise and reliable grip on teeth and roots.
- Slender shape handling.



Special Forceps, square profiles enable reliable grip



**EL-D-1106**  
Fig. 2  
For upper incisors and canines



**EL-D-1107**  
Fig. 2  
For upper incisors and canines



**EL-D-1108**  
Fig. 1  
For upper incisors and canines, wide



**EL-D-1109**  
Fig. 1  
For upper incisors and canines, wide



**EL-D-1110**  
Fig. 3  
For upper crowded incisors and canines



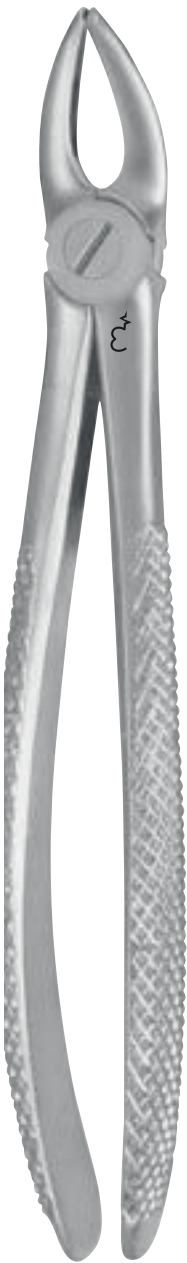
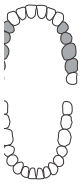
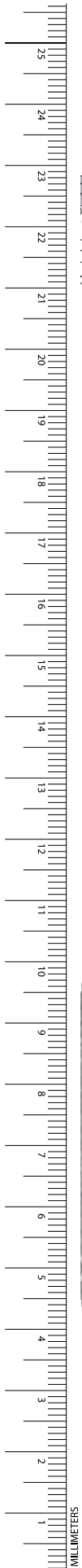
TROTTER  
**EL-D-1111**  
Fig. 168  
For upper canines



**EL-D-1112**  
Fig. 107  
With short beaks, for upper canines



# Tooth Extraction



GUY

**EL-D-1113**

Fig. 136

For upper premolars



**EL-D-1114**

Fig. 136

For upper premolars



**EL-D-1115**

Fig. 7

For upper premolars



**EL-D-1116**

Fig. 7

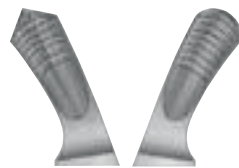
For upper premolars



**EL-D-1117**

Fig. 17

For upper molars, right



**EL-D-1118**

Fig. 17

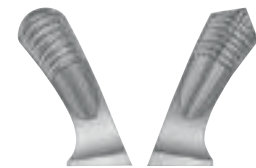
For upper molars, right



**EL-D-1119**

Fig. 18

For upper molars, left

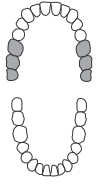


**EL-D-1120**

Fig. 18

For upper molars, left





**EL-D-1121**  
Fig. 18 A  
For upper molars, either side

**EL-D-1122**  
Fig. 19  
For upper molars and wisdom teeth

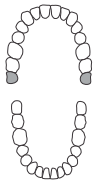
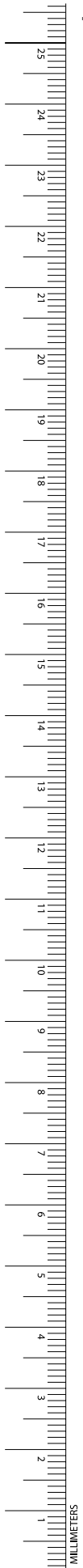


**EL-D-1123**  
Fig. 89  
For upper molars, right, gripping in depth

**EL-D-1124**  
Fig. 90  
For upper molars, left, gripping in depth



# Tooth Extraction



**EL-D-1125**

Fig. 67

For upper wisdom teeth,  
narrow



**EL-D-1126**

Fig. 67

For upper wisdom teeth,  
narrow



**EL-D-1127**

Fig. 67 A

For upper wisdom teeth,  
wide

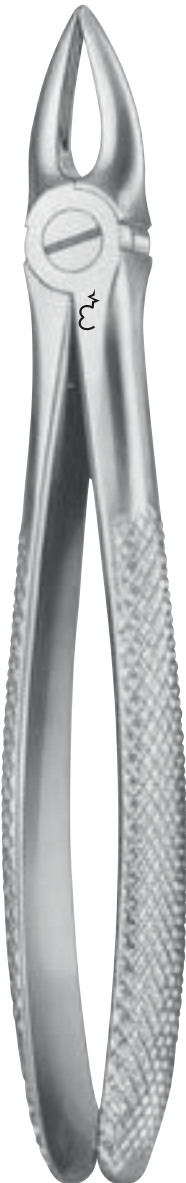
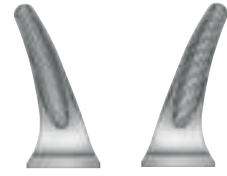
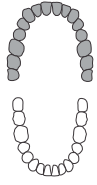


**FELSCH**

**EL-D-1128**

Fig. 121

For upper wisdom teeth,  
with retaining device



When applied, the jaw of KAISER tooth forceps are almost parallel, thus avoiding the feared pinching off of the roots. The sharp edges and tips of the jaws, as well as the deep grooves and the horizontal cut inside the jaws enable a firm grip of the roots.

**EL-D-1129**  
Fig. 29  
For upper front roots

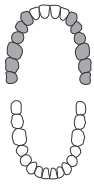
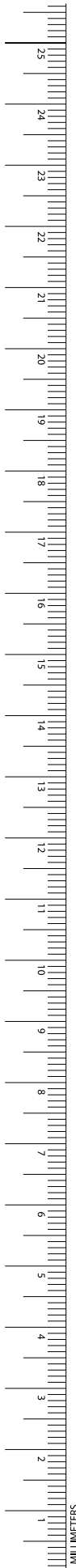
**EL-D-1130**  
Fig. 30  
For upper roots

**READ**  
**EL-D-1131**  
Fig. 76  
For upper roots

**KAISER**  
**EL-D-1132**  
For upper front roots

**READ**  
**EL-D-1133**  
Fig 76 N  
For upper roots, narrow

# Tooth Extraction



**EL-D-1134**  
Fig. 51 A  
For upper front roots, narrow beaks



**EL-D-1135**  
Fig. 51  
For upper roots, short and narrow beaks



**EL-D-1136**  
Fig. 51 AL  
For upper roots, long pattern, narrow beaks



**EL-D-1137**  
Fig. 51 A  
For upper front roots, narrow beaks

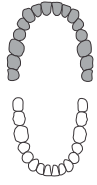


**EL-D-1138**  
Fig. 51  
For upper roots, short and narrow beaks



**EL-D-1139**  
Fig. 51 AL  
For upper roots, long pattern, narrow beaks





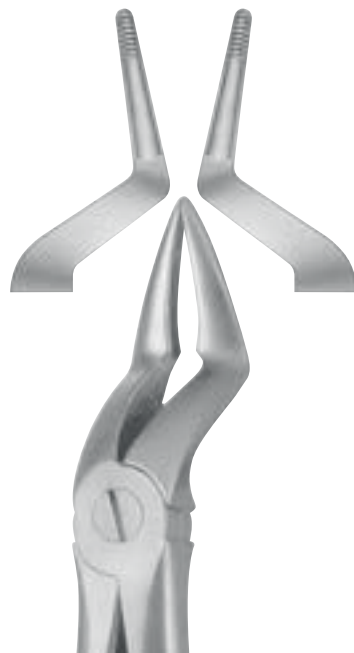
**EL-D-1140**  
Fig. 52  
For upper roots,  
short and wide beaks



**FEINER**  
**EL-D-1141**  
For upper roots,  
with especially long beaks



**EL-D-1142**  
Fig. 97  
For very fine upper roots,  
gripping in depth



**KAISER**  
**EL-D-1143**  
For upper roots

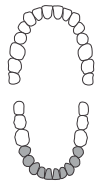
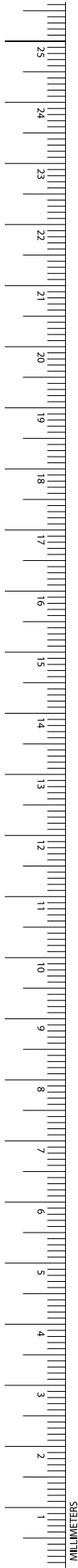
When applied, the jaws of KAISER tooth forceps are almost parallel, thus avoiding the feared pinching of the roots. The sharp edges and tips of the jaws, as well as the deep grooves and the horizontal cut inside the jaws enable a firm grip of the roots.



**EL-D-1144**  
Fig. 55  
Separating forceps for  
separating upper molar roots



# Tooth Extraction



**EL-D-1145**  
Fig. 4  
For lower canines



**EL-D-1146**  
Fig. 13  
For lower canines and premolars



**EL-D-1147**  
Fig. 13  
For lower canines and premolars



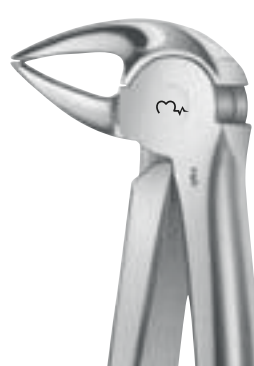
**EL-D-1148**  
Fig. 75  
For lower canines and premolars



**EL-D-1149**  
Fig. 33  
For lower incisors, premolars and roots



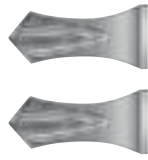
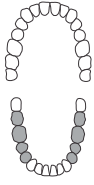
**EL-D-1150**  
Fig. 33  
For lower incisors, premolars and roots



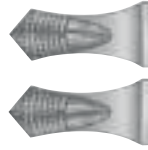
**EL-D-1151**  
Fig. 33 A  
For lower roots, with narrow beaks



**EL-D-1152**  
Fig. 33 A  
For lower roots, with narrow beaks



**EL-D-1153**  
Fig. 22  
For lower molars,  
either side



**EL-D-1154**  
Fig. 22  
For lower molars,  
either side



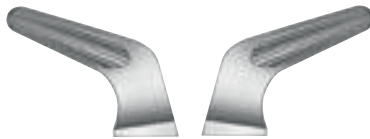
**EL-D-1155**  
Fig. 23  
For lower molars, right



**EL-D-1156**  
Fig. 24  
For lower molars, left



TROTTER  
**EL-D-1157**  
Fig. 169  
For lower canines and  
premolars

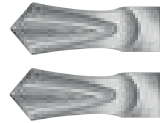
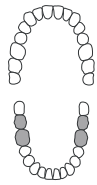
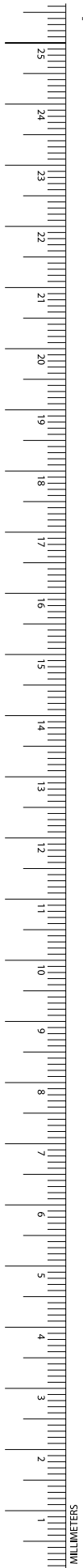


**EL-D-1158**  
Fig. 31  
For lower premolars and  
roots

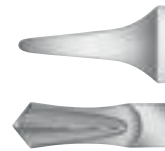


**EL-D-1159**  
Fig. 8  
For lower premolars

# Tooth Extraction



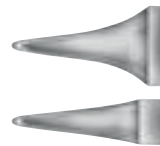
**EL-D-1160**  
Fig. 73  
For lower molars



**WOOD**  
**EL-D-1161**  
Fig. 99  
For lower molars



**PASSOW**  
**EL-D-1162**  
Fig. 99 1/4  
For lower molars



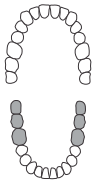
**EL-D-1163**  
Fig. 86 C  
For lower molars, gripping in depth, lateral



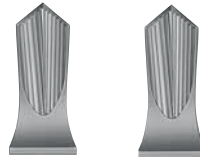
**EL-D-1164**  
Fig. 86  
For lower molars, gripping in depth, lateral



**EL-D-1165**  
Fig. 87  
Cowhorn, for lower molars, gripping in depth, facial



- Special type with bayonet shaped bend
- anatomical design for easy access
  - convenient grip
  - freely movable for luxation and extraction
  - no injury of the corner of the mouth
  - improved sight



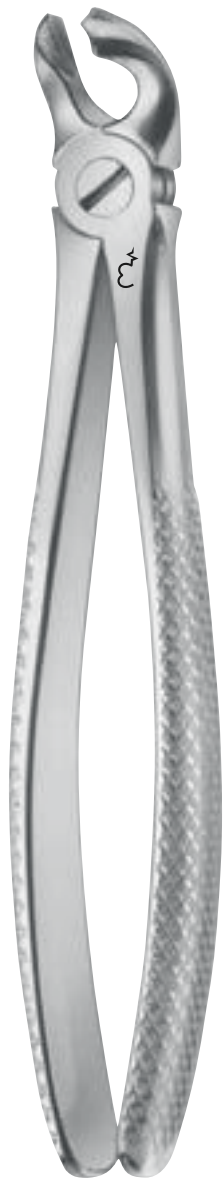
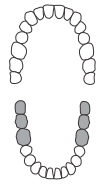
**ROUTURIER**  
**EL-D-1166**  
For lower molars and  
wisdom teeth, left



**ROUTURIER**  
**EL-D-1167**  
For lower molars and  
wisdom teeth, right



# Tooth Extraction



**EL-D-1168**  
Fig. 21

For lower wisdom teeth and  
molars



**EL-D-1169**  
Fig. 79

For lower wisdom teeth



**EL-D-1170**  
Fig. 79

For lower wisdom teeth



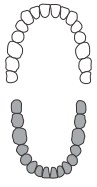
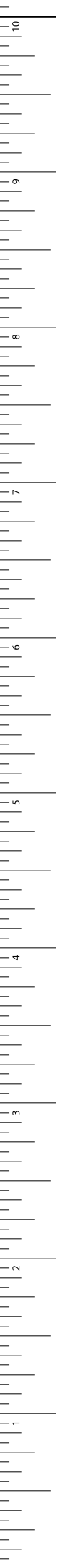
**EL-D-1171**  
Fig. 79 A

For lower wisdom teeth



**EL-D-1172**  
Fig. 79 A

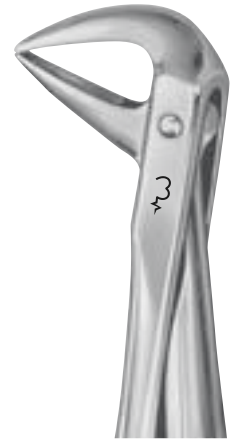
For lower wisdom teeth



**EL-D-1173**  
Fig. 74  
For lower roots,  
beaks 4.5 mm wide



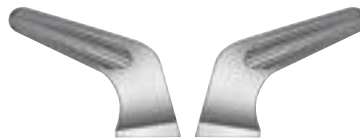
**EL-D-1174**  
Fig. 74  
For lower roots,  
beaks 4.5 mm wide



**EL-D-1175**  
Fig. 74 M  
For lower roots,  
beaks 4 mm wide

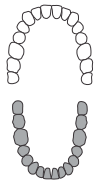
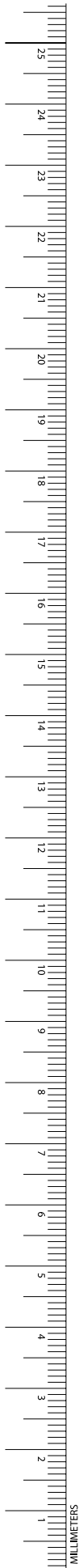


**EL-D-1176**  
Fig. 74 N  
For lower roots and crowded  
incisors, beaks 2.8 mm wide



**EL-D-1177**  
Fig. 31  
For lower premolars and roots

# Tooth Extraction



**EL-D-1178**

Fig. 33 A

For lower roots,  
with narrow beaks

**EL-D-1179**

Fig. 33 A

For lower roots,  
with narrow beaks

**EL-D-1180**

Fig. 33

For lower incisors,  
premolars and roots

**EL-D-1181**

Fig. 33

For lower incisors,  
premolars and roots



KAISER

FEINER

**EL-D-1182**

Fig. 46 L

For very fine lower  
roots, gripping in depth

**EL-D-1183**

Special pattern for  
lower roots

**EL-D-1184**

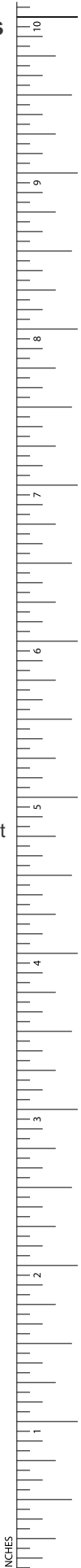
Special pattern for  
lower roots, with extra  
long beaks

**EL-D-1185**

Fig. 56

For separating lower  
molar roots

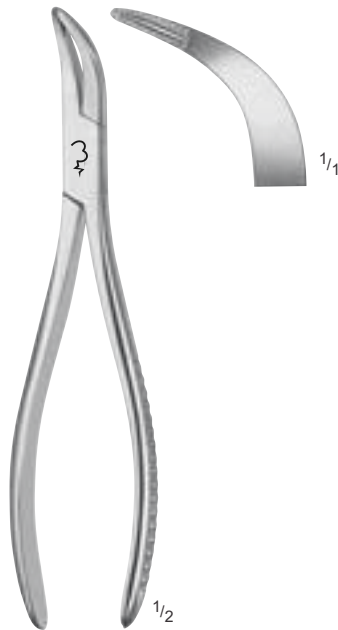




WITZEL modif.

**EL-D-1186**

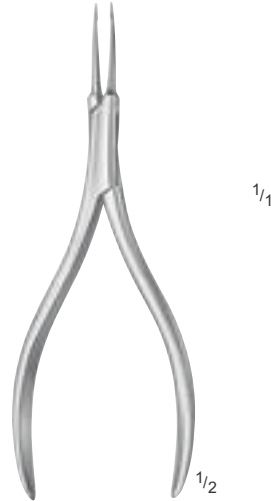
Root splinter forceps  
160 mm, 6 1/4"



WITZEL modif.

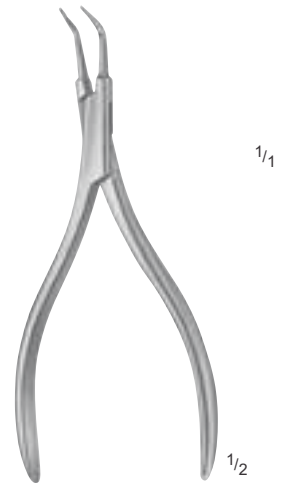
**EL-D-1187**

Root splinter forceps  
165 mm, 6 1/2"



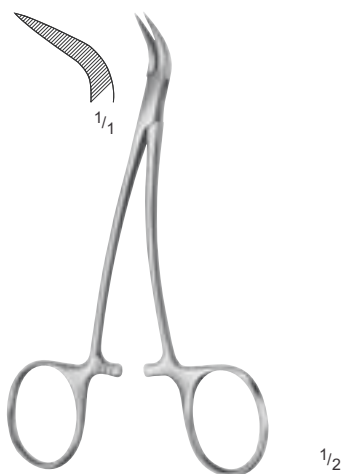
**EL-D-1188**

Nerve instrument  
for broken nerve instrument  
130 mm, 5 1/8"



**EL-D-1189**

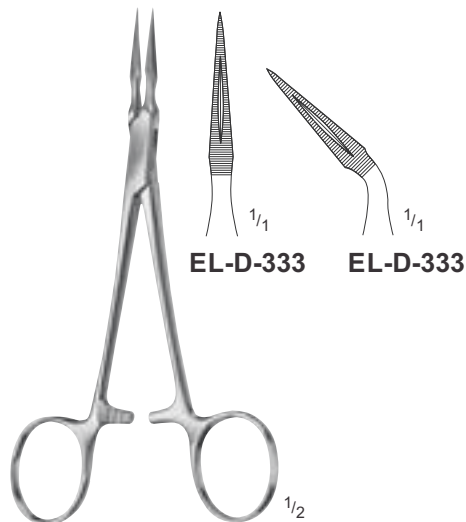
Nerve instrument  
for broken nerve instrument  
125 mm, 5"



PEET

**EL-D-1190**

Splinter forceps  
110 mm, 4 3/4"

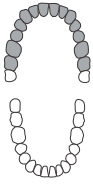
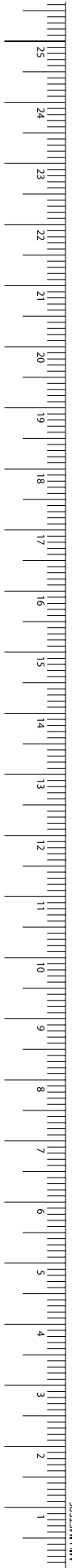


STIEGLITZ

**EL-D-1191**

Splinter forceps  
140 mm, 5 1/2"

# Tooth Extraction



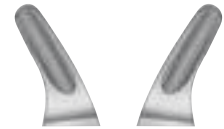
**EL-D-1192**  
Fig. 37  
For upper incisors



**EL-D-1193**  
Fig. 39  
For upper molars,  
either side, wide



**EL-D-1194**  
Fig. 158  
For upper molars,  
either side, small



**EL-D-1195**  
Fig. 51 S  
For upper roots

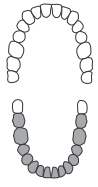


**EL-D-1196**  
Fig. 39 R  
For upper molars, right



**EL-D-1197**  
Fig. 39 L  
For upper molars, left

**EL-D-1198**  
Fig. 159  
For upper premolars



**EL-D-1199**  
Fig. 13 S  
For lower incisors and premolars



GRAY  
**EL-D-1200**  
Fig. 22 S  
For lower molars



**EL-D-1201**  
Fig. 161  
For lower molars



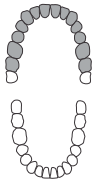
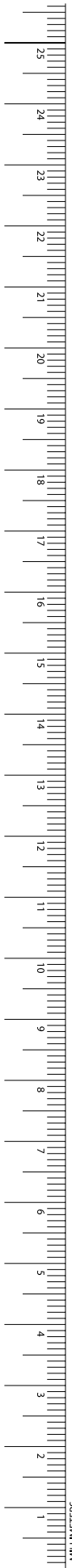
**EL-D-1202**  
Fig. 33 S  
For lower roots



GRAY  
**EL-D-1203**  
Fig. 162  
For lower roots and incisors



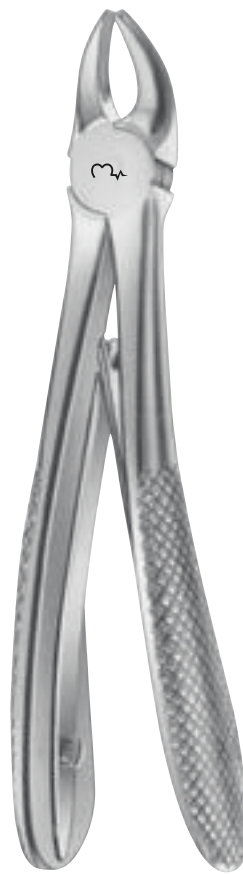
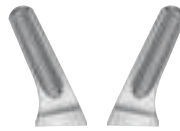
# Tooth Extraction



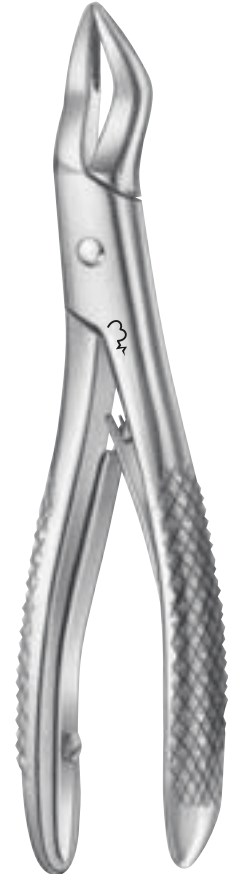
**KLEIN**  
**EL-D-1204**  
For upper incisors



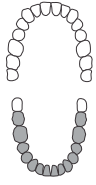
**KLEIN**  
**EL-D-1205**  
For upper molars



**SCHMIDT**  
**EL-D-1206**  
For upper milk molars



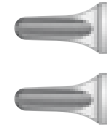
**SCHMIDT**  
**EL-D-1207**  
For upper roots



KLEIN  
**EL-D-1208**  
For lower incisors



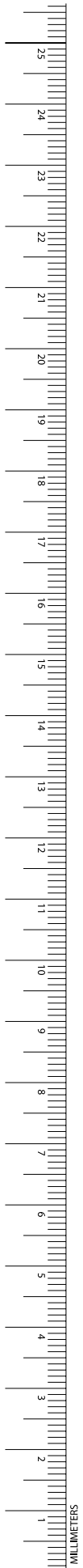
KLEIN  
**EL-D-1209**  
For lower molars



KLEIN  
**EL-D-1210**  
For lower roots



# Tooth Extraction



## EL-D-1211

Fig. 1  
For upper incisors, canines, premolars and roots

## HULL

## EL-D-1212

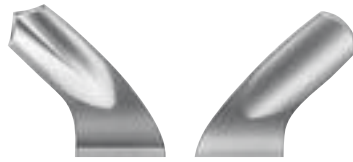
Fig. 101  
For canines and premolars, universal tooth forceps and tooth forceps for children



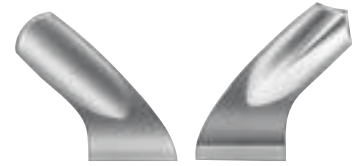
## CRYER

## EL-D-1213

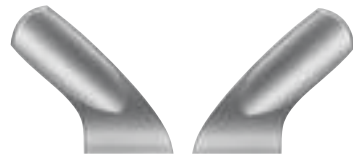
Fig. 150  
For upper incisors, canines, premolars and roots



HARRIS  
**EL-D-1214**  
 Fig. 18 R  
 For upper molars, right



HARRIS  
**EL-D-1215**  
 Fig. 18 L  
 For upper molars, left



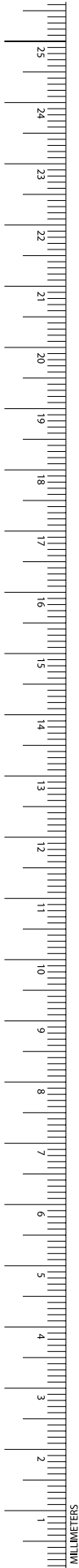
**EL-D-1216**  
 Fig. 24  
 For upper molars, either side



**EL-D-1217**  
 Fig. 210  
 For third molars, either side



# Tooth Extraction



**EL-D-1218**  
Fig. 53 R  
For upper molars, right



**EL-D-1219**  
Fig. 53 L  
For upper molars, left



NEVIUS  
**EL-D-1220**  
Fig. 88 R  
For upper molars, right, gripping in depth



NEVIUS  
**EL-D-1221**  
Fig. 88 L  
For upper molars, left, gripping in depth



TOOTH FORCEPS, AMERICAN PATTERN



**EL-D-1222**

Fig. 65

For deeply located upper roots



PARMLY

**EL-D-1223**

Fig. 32 A

For upper roots and premolars with narrow beaks (can also be used for molars)



TOMES

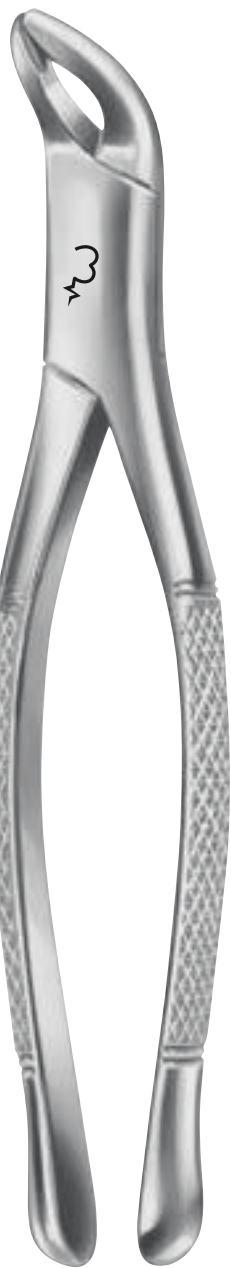
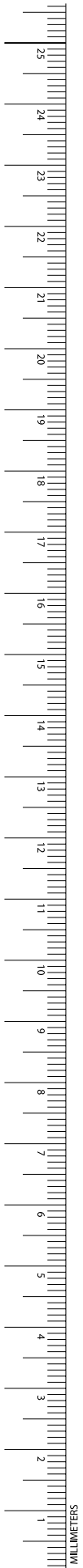
**EL-D-1224**

Fig. 69

For narrow roots and root splinters, for upper and lower jaws



# Tooth Extraction



**EL-D-1225**

Fig. 23

For lower molars, either side



**EL-D-1226**

Fig. 17

For lower molars

TOOTH FORCEPS, AMERICAN PATTERN



**EL-D-1227**

Fig. 16

For lower molars, either side, gripping in depth



CRYER

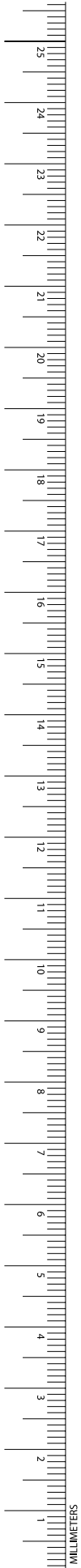
**EL-D-1228**

Fig. 151

For lower incisors, canines, premolars and roots



# Tooth Extraction



**EL-D-1229**  
 Fig. 222  
 For lower wisdom teeth



PHYSICK  
**EL-D-1230**  
 Fig. 5  
 For lower wisdom teeth

The tooth forceps is positioned between the 7th and 8th tooth. By pressing the working ends together, the wisdom tooth can be removed.



**HULL**  
**EL-D-1231**  
Fig. 101  
Universal tooth forceps



**CRYER**  
**EL-D-1232**  
Fig. 150 S  
Tooth forceps for children for upper incisors,  
canines and premolars



**CRYER**  
**EL-D-1233**  
Fig. 151 S  
Tooth forceps for children for lower incisors,  
canines, premolars and molars



## Tooth Extraction

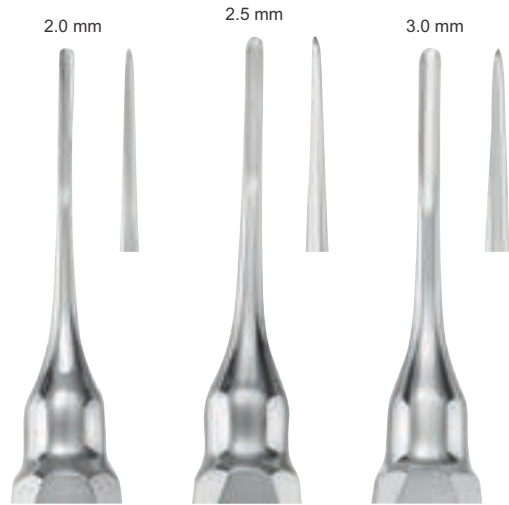
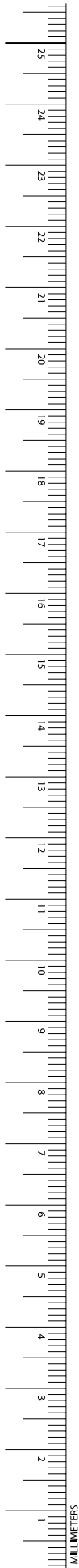
### Special Features:

- Very slender working ends
- The working ends are available in 0.5 mm steps from 2.0 to 5.0 mm
- Gouge-like working end
- Handle with depression for thumb

### Benefits:

- Easy access to the roots even in areas difficult to reach
- Greater sensitivity during operation
- More gentle clearance of the alveoli
- Better guidance
- Better grip

The straight model is particularly suitable for removing root residues.



**EL-D-1234**

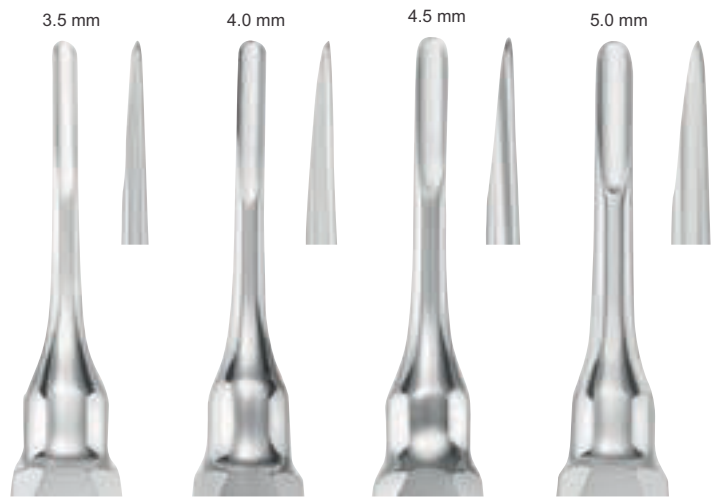
Fig. 6S  
150 mm, 6"

**EL-D-1235**

Fig. 5S  
150 mm, 6"

**EL-D-1236**

Fig. 4S  
150 mm, 6"



**EL-D-1237**

Fig. 3S  
150 mm, 6"

**EL-D-1238**

Fig. 2S  
150 mm, 6"

**EL-D-1239**

Fig. 1S  
150 mm, 6"

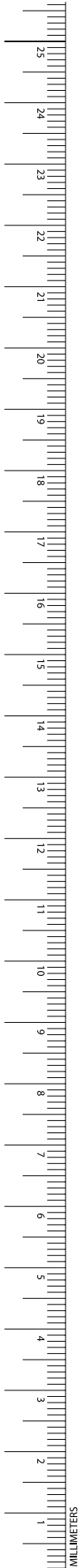
**EL-D-1240**

Fig. 0S  
150 mm, 6"

The curved elevators permit better access to the maxillary molar roots.



# Tooth Extraction



2 mm



BEIN

**EL-D-1248**

For upper roots,  
round point

3 mm



BEIN

**EL-D-1249**

For upper roots,  
round point

4 mm



BEIN

**EL-D-1250**

For upper roots,  
round point

3 mm



BEIN

**EL-D-1251**

For upper roots,  
square point

4.2 mm



WHITE

**EL-D-1252**

For upper roots, straight

4.4 mm



WHITE

**EL-D-1253**

For upper roots, curved



HEIDBRINK root apex elevators  
 Fine, pointed elevators with extremely long working ends,  
 for removing fractured root apex.



HEIDBRINK  
**EL-D-1254**  
 For lower roots



HEIDBRINK  
**EL-D-1255**  
 For lower roots



HEIDBRINK  
**EL-D-1256**  
 For upper roots



HEIDBRINK  
**EL-D-1257**  
 Fig. 1



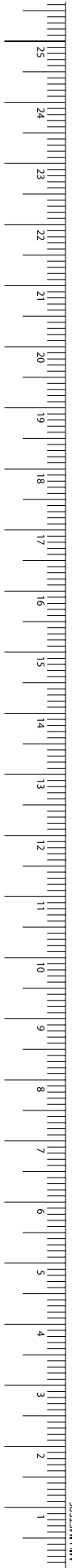
HEIDBRINK  
**EL-D-1258**  
 Fig. 2



HEIDBRINK  
**EL-D-1259**  
 Fig. 3



# Tooth Extraction



**FLOHR  
EL-D-1260**

For upper roots,  
spoon-shaped



**FLOHR  
EL-D-1261**

For upper roots,  
pointed



**HYLIN  
EL-D-1264**



**HYLIN  
EL-D-1265**



**FLOHR  
EL-D-1262**

For lower roots



**FLOHR  
EL-D-1263**

For lower roots



**HYLIN  
EL-D-1266**



**HYLIN  
EL-D-1267**

With a slight rotary movement, the LINDO-LEVIAN root elevators are pushed between the alveolus and root until the groove becomes in the roots. By pulling the root elevator straight down, the bar effect arises in which the root is extracted without leverage.



COUPLAND  
EL-D-1268

Fig. 1



COUPLAND  
EL-D-1269

Fig. 2



COUPLAND  
EL-D-1270

Fig. 3



LINDO-LEVIAN  
EL-D-1271



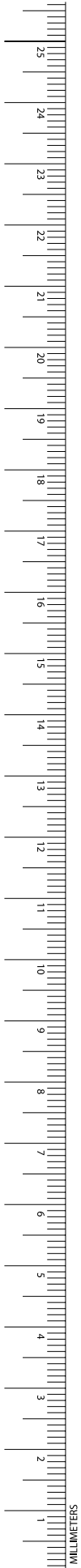
LINDO-LEVIAN  
EL-D-1272



LINDO-LEVIAN  
EL-D-1273



# Tooth Extraction



**CRYER  
EL-D-1274**  
For lower roots, narrow pattern



**CRYER  
EL-D-1275**  
For lower roots, narrow pattern



**CRYER-WHITE  
EL-D-1276**  
For lower roots, wide pattern



**CRYER-WHITE  
EL-D-1277**  
For lower roots, wide pattern



**SELDIN**  
**EL-D-1278**  
For lower roots



**SELDIN**  
**EL-D-1279**  
For lower roots



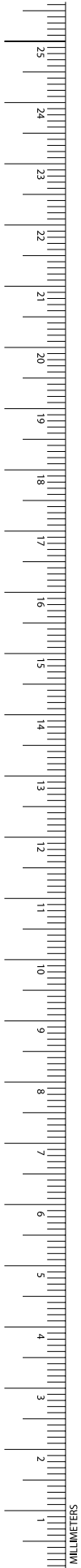
**WINTER**  
**EL-D-1280**  
For lower roots



**WINTER**  
**EL-D-1281**  
For lower roots



# Tooth Extraction



WARWICK-JAMES

**EL-D-1282**

For upper roots



WARWICK-JAMES

**EL-D-1283**

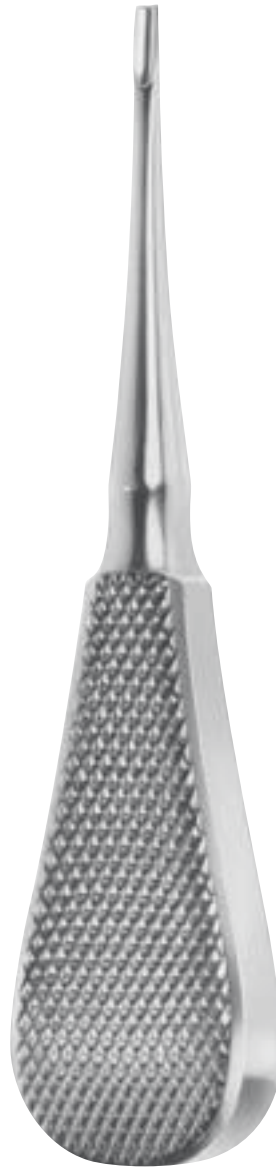
For lower roots



WARWICK-JAMES

**EL-D-1284**

For lower roots



LONDON HOSPITAL COLEMAN

**EL-D-1285**

For upper roots



GABKA

**EL-D-1286**

**Elevators**



BARRY

**EL-D-1287**

For lower roots



BARRY

**EL-D-1288**

For lower roots



BARRY

**EL-D-1289**

For lower roots



BARRY

**EL-D-1290**

For lower root



WINTER

**EL-D-1292**

For lower roots

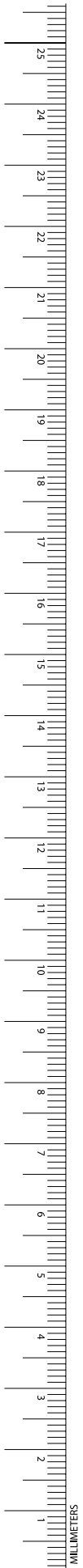
WINTER

**EL-D-1291**

For lower roots



# Tooth Extraction



**EL-D-1293**  
Elevator for lower roots



**EL-D-1294**  
Elevator for lower roots



- good overview due to elegant access
- quick and efficient working
- good and controlled guidance of the instrument due to ergonomically designed handle and support recesses on the working end
- soft tissue is not crushed
- the alveolar bone is not damaged
- reduced risk of root fractures



ROSIN

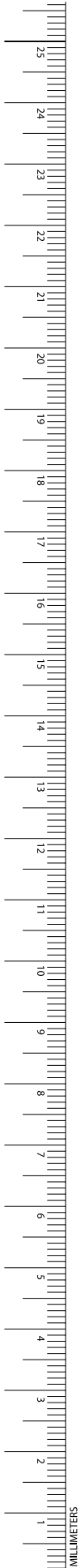
**EL-D-1295**

Luxator for upper wisdom teeth

160 mm, 6 1/4"



# Tooth Extraction



**EL-D-1296**

Desmotome, straight  
filigree  
160 mm, 6 1/4"



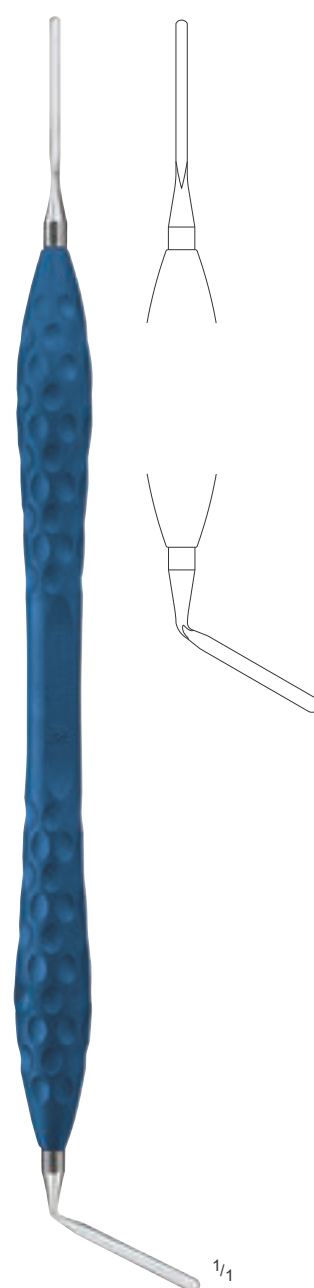
**EL-D-1297**

Desmotome, left  
filigree  
170 mm, 7"



**EL-D-1298**

Desmotome, right  
filigree  
170 mm, 7"



**EL-D-1299**

ERGOPLANT Periotome  
170 mm, 7"



CHOMPRET  
**EL-D-1300**  
Syndesmotome  
150 mm, 6"

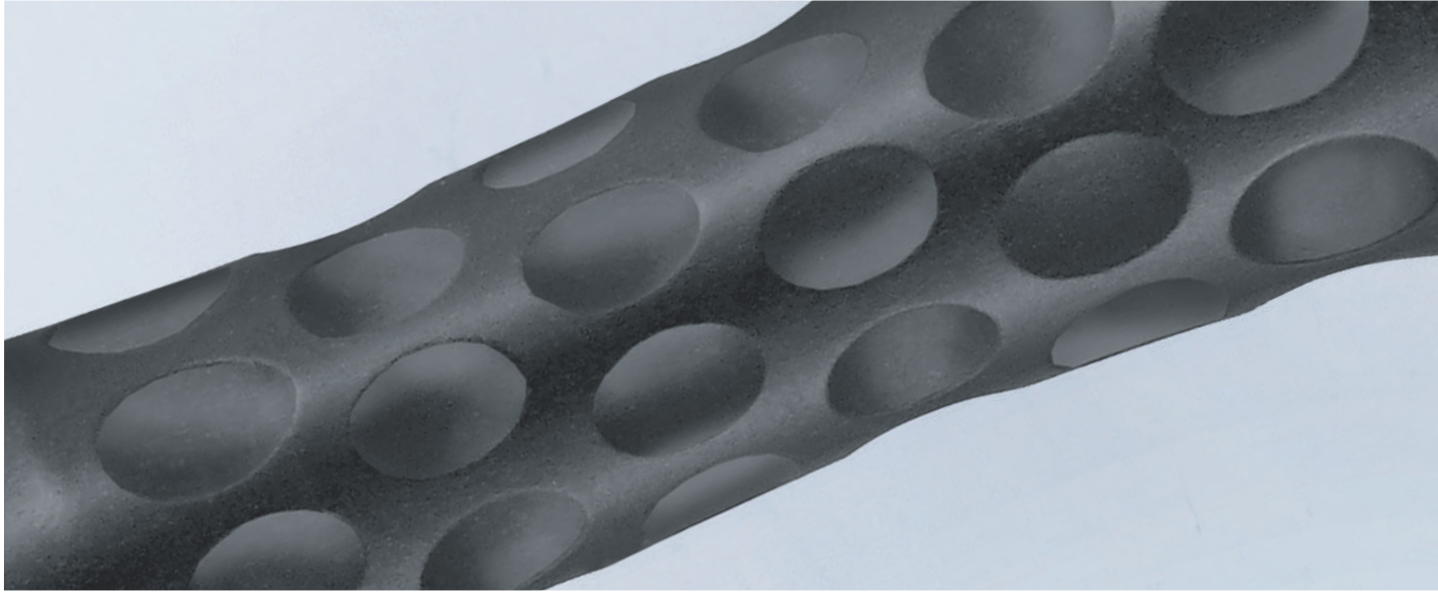


CHOMPRET  
**EL-D-1301**  
Syndesmotome  
150 mm, 6"



CHOMPRET  
**EL-D-1302**  
Syndesmotome  
150 mm, 6"





Continuous corrosion-resistant special instrument steel

Instrument tightly-covered by a special PEEK handle

Ergonomic handle design

Hardwearing working tips

Satin finish working tips

In close collaboration with **Dr. Dr. Andres Stricker, Freiburg University**, an instrument range especially designed for dental implantology has been developed for ergonomics concerning the working tips and handle for any specific indication.

ERGOPLANT thus enables working efficiently with minimum physical strain under practice conditions.

All ERGOPLANT instruments are suitable for steam sterilization 275°F (Autoclav).



sterile

Blades heat-treated in vacuum



**EL-D-1303** Ø 22 mm  
**EL-D-1304** Ø 24 mm  
 Mouth mirror, Rhodium  
 Specially recommended for dental implantology  
 Sales unit: PAK =  
 Package of 12 pieces



**EL-D-1308**  
 Scalpel handle  
 145 mm, 5¾"



**EL-D-1306**  
 Sterile scalpel blade  
 Sales unit: PAK =  
 Package of 100 pieces



**EL-D-1307**  
 Sterile scalpel blade  
 Sales unit: PAK =  
 Package of 100 pieces



**EL-D-1309**  
 Sterile scalpel blade  
 Sales unit: PAK =  
 Package of 100 pieces

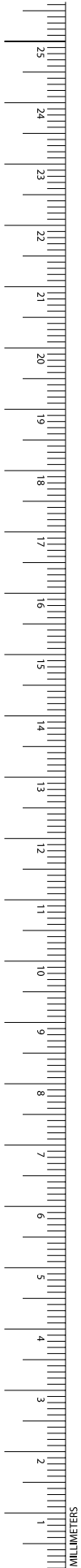


**EL-D-1310**  
 Sterile scalpel blade  
 Sales unit: PAK =  
 Package of 100 pieces



**EL-D-1311**  
 Sterile scalpel blade, double cutting,  
 Sales unit: PAK =  
 Package of 100 pieces

# Dental Implantology



**PRICHARD**  
**EL-D-1312**  
 Raspatory  
 185 mm, 7¼"



**PRICHARD**  
**EL-D-1313**  
 Raspatory  
 delicate  
 185 mm, 7¼"



**FREER**  
**EL-D-1314**  
 Raspatory  
 sharp/blunt  
 190 mm, 7½"



LUCAS

**EL-D-1315**

Bone curettes,  
small

180 mm, 7"



LUCAS

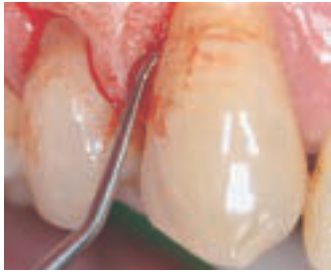
**EL-D-1316**

Bone curettes,  
large

180 mm, 7"



# Dental Implantology



Atraumatic dissecting of the flap by means of the papilla elevator without any damage to the papillae.



PHW  
**EL-D-1317**

Atraumatic  
papilla elevator  
190 mm, 7 1/2"



BUSER  
**EL-D-1318**

Raspatory  
185 mm, 7 1/4"







**BUSER**  
**EL-D-1319**  
 Micro-Raspatory  
 180 mm, 7 1/2"



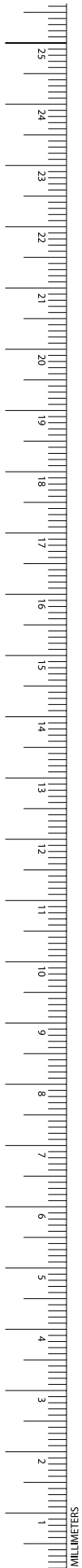
**ORBAN**  
**EL-D-1320**  
 Gingivectomy knives  
 165 mm, 6 1/2"



**KIRKLAND**  
**EL-D-1321**  
 Gingivectomy knives  
 175 mm, 7"



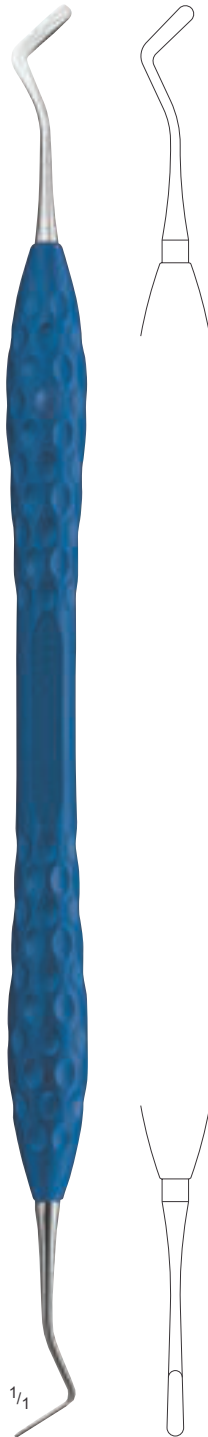
# Dental Implantology



STRICKER

**EL-D-1322**

ERGOPLANT  
Spatula, sharp  
special for soft tissue  
190 mm, 7 1/2"



HEIDEMANN

**EL-D-1323**

ERGOPLANT  
Spatula,  
delicate  
190 mm, 7 1/2"

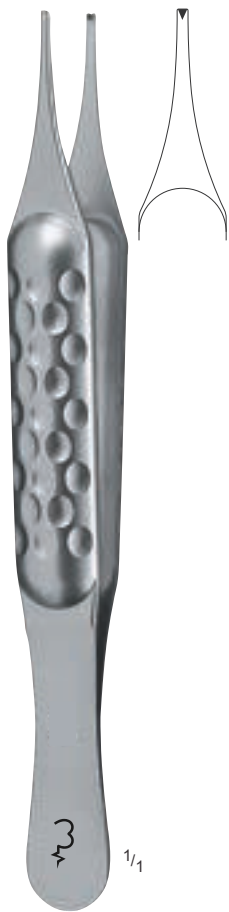


**EL-D-1324**

ERGOPLANT  
Periotome  
170 mm, 6 3/4"



DUROGRIP  
=  
with tungsten carbide inserts



**EL-D-1325**  
ERGOPLANT  
Tissue forceps  
120 mm, 4 3/4"



**EL-D-1326**  
ERGOPLANT  
Tissue forceps,  
with plateau DX051R  
120 mm, 4 3/4"



**EL-D-1327**  
ERGOPLANT  
Non-traumatic  
dissecting forceps  
120 mm, 4 3/4"



**EL-D-1328**  
ERGOPLANT  
Soft tissue forceps  
140 mm, 5 1/2"

# The New Class of Excellence

## Micro Forceps



### Parallel closing working tips

- Enables to grab the soft tissue of the total length of the plateau
- To reduce the contact pressure
- To preserve the delicate soft tissue structures

### The size of the working tip plateaus

- Enables micro surgery
- Allows a precise grabbing of soft tissue and sutures (until 6/0)
- Mitigates the risk of damaging the soft tissue structures

### Shape and Design

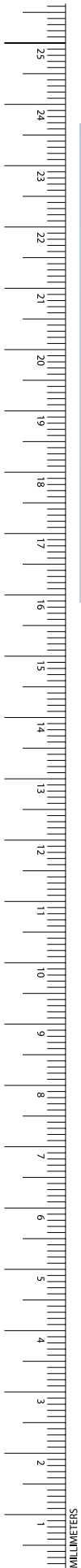
- The waisted shape for a comfortable feel
- The round handle enables the rotation of the instruments with the tips of the fingers
- Well balanced instruments with a centric balance point



Parallel closing working tips



Straight and curved working tips





**EL-D-1329**  
dissecting, straight  
180 mm, 7"



**EL-D-1330**  
dissecting, curved  
175 mm, 6<sup>3</sup>/<sub>4</sub>"



Dental Implantology



**EL-D-1331**  
atraumata, straight  
180 mm, 7"



**EL-D-1332**  
atraumata, curved  
175 mm, 6 3/4"

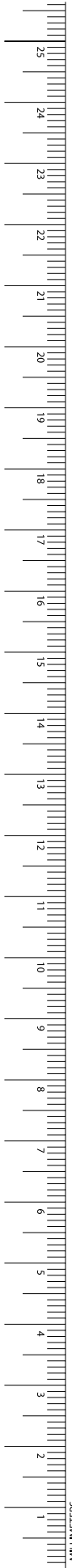


**EL-D-1333**  
surgical, straight  
180 mm, 7"



**EL-D-1334**  
surgical, curved  
175 mm, 6¾"





**EL-D-1335**  
Delicate scissors, curved  
105 mm, 4 1/8"

LOCKLIN  
**EL-D-1336**  
Gum scissors, angled to side,  
1 blade toothed  
155 mm, 6"

HALSTED-MOSQUITO  
**EL-D-1337**  
Hemostatic forceps  
125 mm, 5"





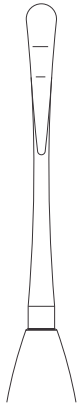
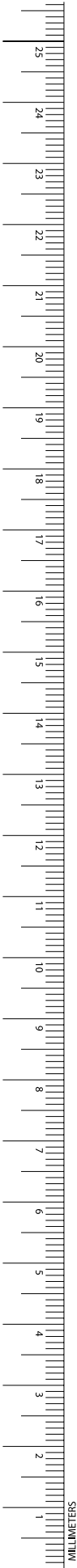
HEGAR-MAYO  
**EL-D-1338**  
 Needle holder  
 for suture material up to 3/0  
 150 mm, 6"

with tungsten carbide inserts

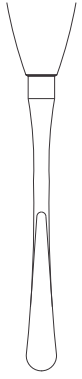


**EL-D-1339**  
 Needle holder  
 for suture material 4/0–6/0  
 180 mm, 7"



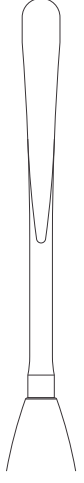


1/1

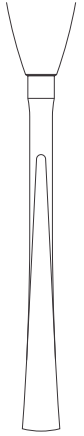


STRICKER  
**EL-D-1340**  
ERGOPLANT  
Sinus elevator,  
universal  
200 mm, 8"

1/1

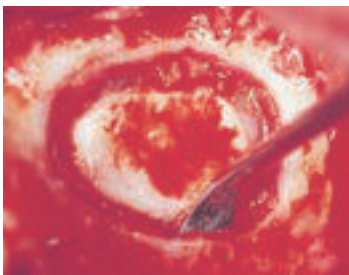


1/1

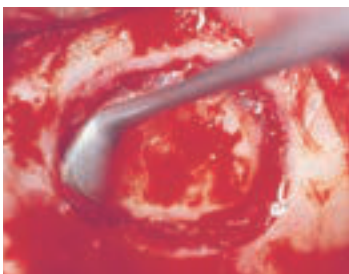


STRICKER  
**EL-D-1341**  
ERGOPLANT  
Sinus elevator  
220 mm, 8 1/4"

1/1



The Schneiderian membrane of the sinus can be detached with elevator by 1- 2 mm along the total cortical bone



Elevator is particularly useful in the lower part for detaching the membrane further. The same goes for the caudal area, especially when the membrane is 4-5 mm above the base of the maxillary sinus and the maxillary sinus is built up with granular material.



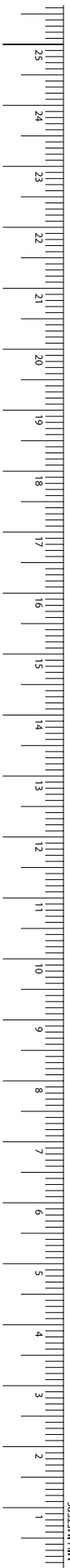
**EL-D-1342**  
Elevator  
190 mm, 7 1/2"



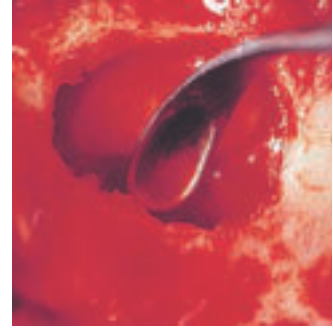
**EL-D-1343**  
Elevator  
190 mm, 7 1/2"



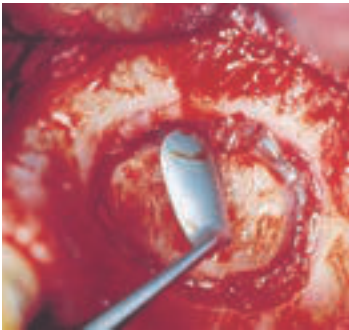
# Dental Implantology



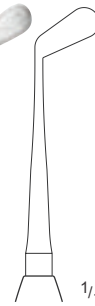
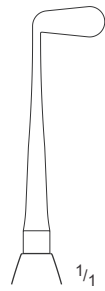
Elevator makes it possible to lift the membrane further in mesial region. One working tip is specially designed for the right maxillary sinus and the other for the left maxillary sinus.



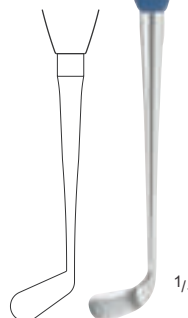
With the aid of elevator the sinus membrane is further detached over a broad area in the inner region, especially along the roof of the palate. Condenser permits positioning of the filling material.



With elevator the sinus membrane is further elevated in the upper and posterior part of the maxillary sinus wall.



**EL-D-1344**  
Elevator  
185 mm, 7 1/4"



**EL-D-1345**  
Elevator  
190 mm, 7 1/2"



**EL-D-1346**  
Elevator  
195 mm, 7¾"

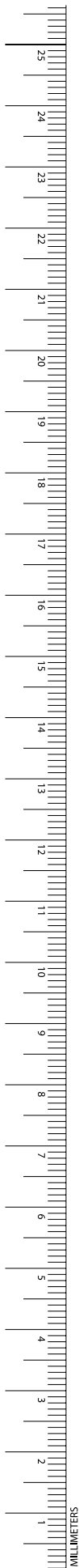


**STRICKER**  
**EL-D-1347**  
ERGOPLANT  
Applicator for  
bone material  
195 mm, 7¾"



**EL-D-1348**  
Dissector/Raspator  
180 mm, 7"

# Dental Implantology



Scaling in steps of 2 mm

Big marking after 10 mm as security zone

Laser marked size



**EL-D-1349**  
straight, Ø 2.2 mm



**EL-D-1350**  
straight, Ø 2.8 mm



**EL-D-1351**  
straight, Ø 3.5 mm

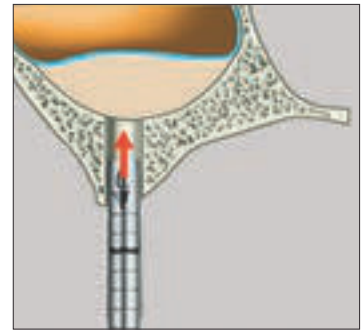


**EL-D-1352**  
straight, Ø 4.2 mm



**EL-D-1353**  
straight, Ø 4.8 mm

**EL-D-1349-EL-D-1353**  
ERGOPLANT  
Sinutomes  
160 mm, Ø"



This illustration shows the technique of the percrestal sinus elevation.



**EL-D-1354**  
ERGOPLANT  
Sinutomes  
180 mm, 7"



**EL-D-1355**  
bayonet, Ø 2.2 mm



**EL-D-1356**  
bayonet, Ø 2.8 mm



**EL-D-1357**  
bayonet, Ø 3.5 mm



**EL-D-1358**  
bayonet, Ø 4.2 mm



**EL-D-1359**  
bayonet, Ø 4.8 mm



## Dental Implantology

Bone fixation forceps:

- **Adaptable**  
The working tips adapt to the respective anatomical situation.
- **Delicate**  
The delicate working tips enable drilling and screwing even in smaller bone blocks.
- **Universal**  
The shape of the forceps allows for universal application in the upper and lower jaw.



Clinical Case:



**EL-D-1360**

Plate cutter



**EL-D-1361**

Bone fixation forceps



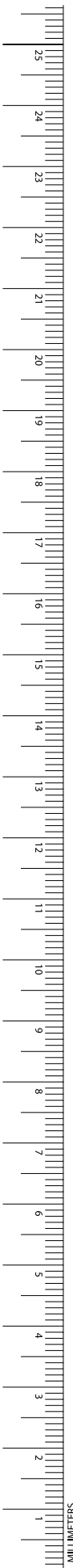
**EL-D-1362**

Bone processing forceps



## Dental Implantology

Autogenous bone in augmentation has been established as the "golden standard". The region where to harvest the bone (Bone Harvesting) and the required consistency for augmentation can vary, depending on the case. Here the ERGOPLANT Micro Bone Mill shows its flexibility where a high yield of bone-grist is always ensured.

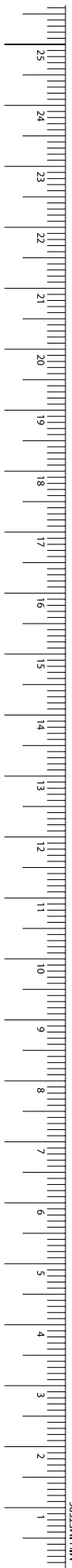




**ERGOPLANT Micro bone-mill**

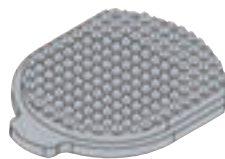
- Small and handy
- Interchangeable cutting disks
- Cutting disks available for finer or coarser bone particles
- Easy to clean due to special cleaning instruments
- Easy mounting and demounting
- High bone yield requires less bone harvesting





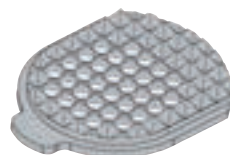
**EL-D-1363**

ERGOPLANT  
Micro bone-mill  
(delivered with coarse  
cutting disk DX803R)



**EL-D-1364**

ERGOPLANT  
Cutting disk for DX801R, fine



**EL-D-1365**

ERGOPLANT  
Cutting disk for DX801R, coarse



**EL-D-1366**

ERGOPLANT  
Bone-mill-cleaner fine  
195 mm, 7/4"



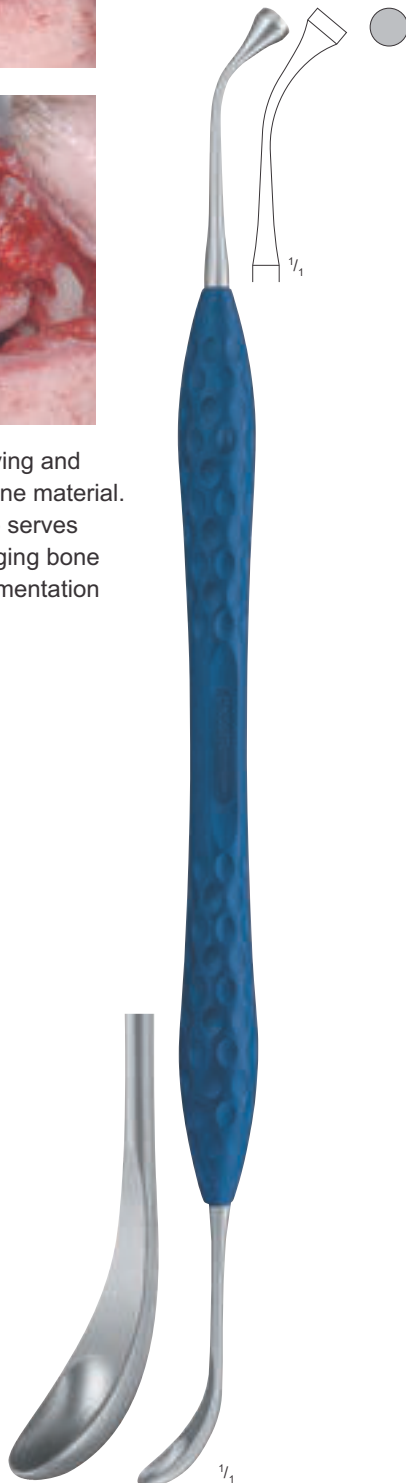
**EL-D-1367**

ERGOPLANT  
Bone-mill-cleaner coarse  
195 mm, 7/4"

Cleaning fork for punching out  
valuable bone material of all cutting  
disk holes at once in a row.

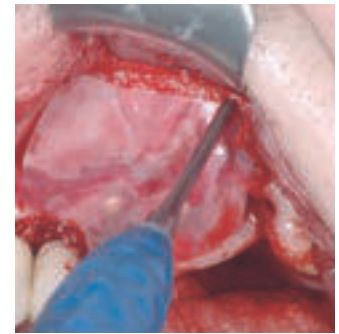


Enables secure carrying and placing of enough bone material. The other working tip serves for pushing and plugging bone material into the augmentation area.



STRICKER

**EL-D-1368**  
ERGOPLANT  
Applicator for bone material  
195 mm, 7<sup>3</sup>/<sub>4</sub>"



The small surface of the pointed tip avoids the sticking of the humid membrane. The small spatula on the other end, helps to take out bone material of, for instance, the bone files as shown on page 197

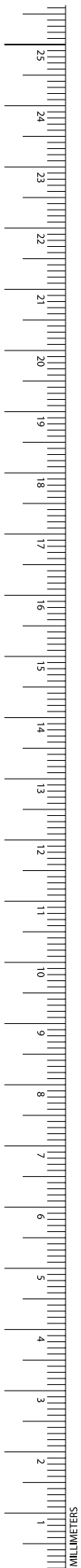


STRICKER

**EL-D-1369**  
ERGOPLANT  
Membrane placing instrument  
190 mm, 7<sup>1</sup>/<sub>2</sub>"



# ERGOPLANT - Bone Harvesting

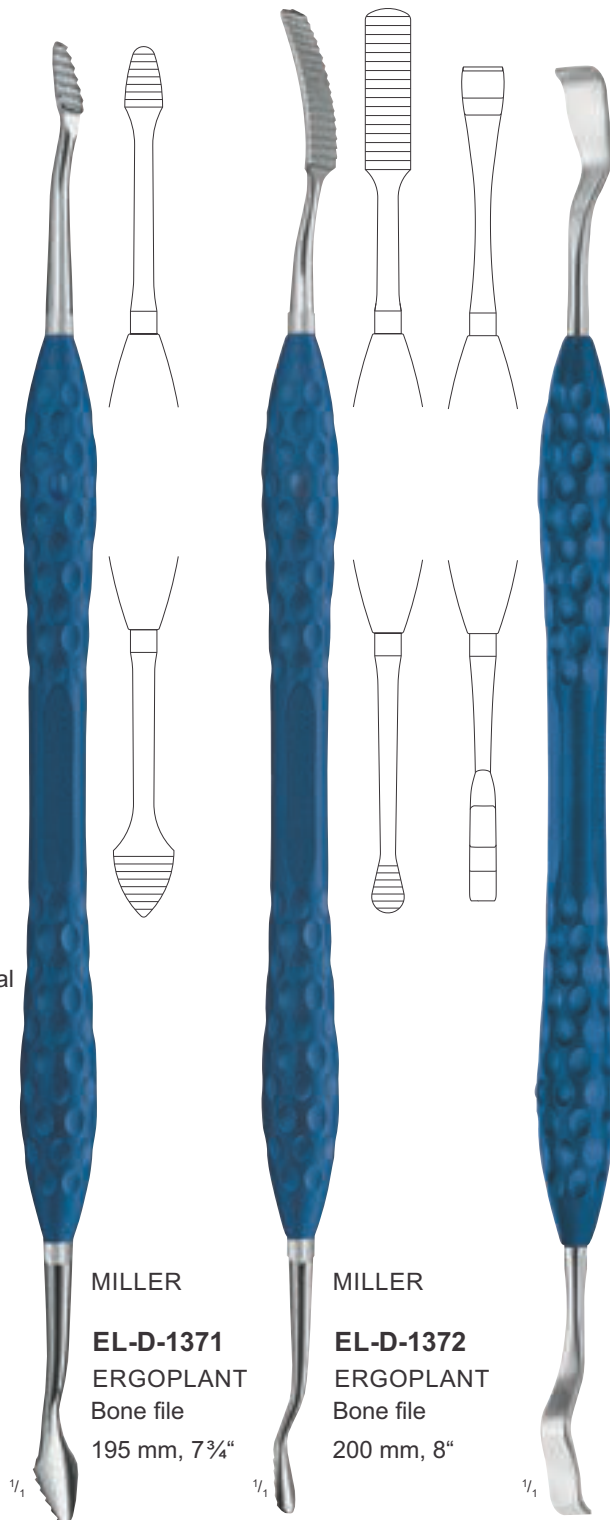


LUER-FRIEDMANN

**EL-D-1370**  
ERGOPLANT  
Bone rongeur  
145 mm, 5 3/4"



If smaller quantity of bone material is required, with the bone files can be harvested directly from the jaw-bone, without additional trauma for the patient. The quantity is often sufficient, for augmentation around the implant-neck.



MILLER  
**EL-D-1371**  
ERGOPLANT  
Bone file  
195 mm, 7<sup>3</sup>/<sub>4</sub>"

MILLER  
**EL-D-1372**  
ERGOPLANT  
Bone file  
200 mm, 8"

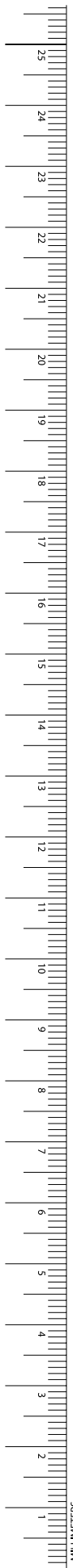
BUSER  
**EL-D-1373**  
ERGOPLANT  
Bone raspatory, 3 / 5 mm  
190 mm, 7<sup>1</sup>/<sub>2</sub>"



With this raspatory fine bone particles can be harvested by simply scratching over the jaw-bone.



# ERGOPLANT - Bone Harvesting / Bone Split



**EL-D-333**  
1 Pair of spare plastic disks

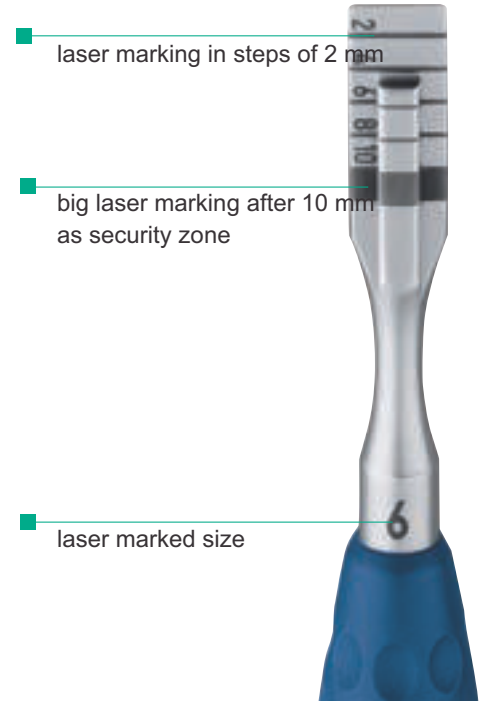
1/4

**EL-D-1374**  
ERGOPLANT Mallet 135 g with interchangeable plastic disks, 200 mm, 8"

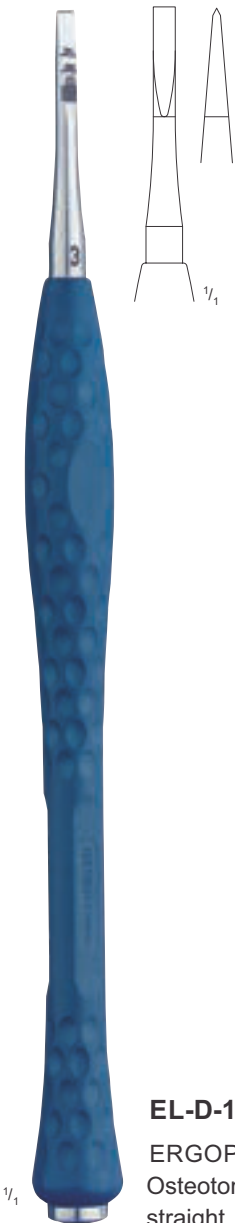


1/4

**STRICKER**  
**EL-D-1375**  
ERGOPLANT Step-Osteotome 6 mm 160 mm, 6 1/3"



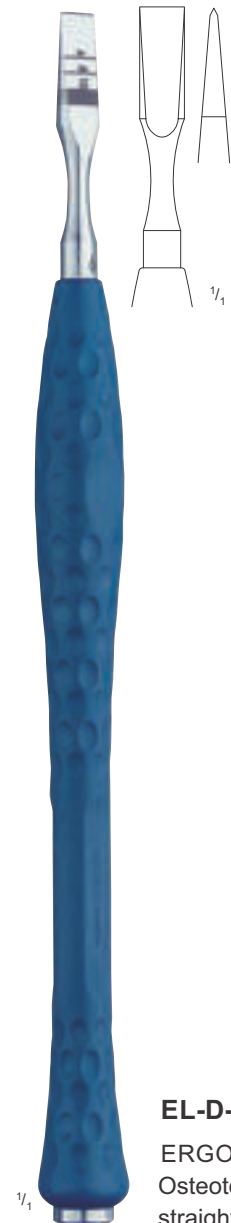
The Step-Osteotome was specially developed for secure bone-splitting with simultaneous stepwise widening. Due to the specially designed working tips, the maxillary crest will be first expanded towards palatal and only afterwards towards vestibular. At the same time spongy bone in the center will be condensed. After removing the Step-Osteotome, a pre-selection point for the implant bur can be clearly seen.



**EL-D-1376**  
 ERGOPLANT  
 Osteotome  
 straight, 3 mm  
 160 mm, 6 2/3"



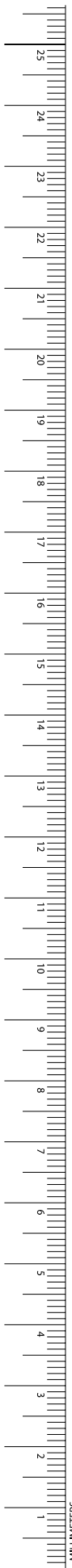
**EL-D-1377**  
 ERGOPLANT  
 Osteotome  
 straight, 4 mm  
 160 mm, 6 2/3"



**EL-D-1378**  
 ERGOPLANT  
 Osteotome  
 straight, 6 mm  
 160 mm, 6 2/3"



# ERGOPLANT - Bone Split



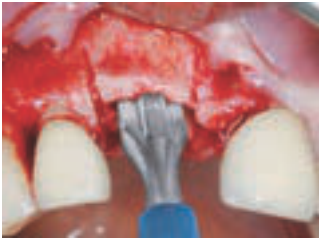
**EL-D-1379**  
 ERGOPLANT  
 Osteotome  
 straight, 8 mm  
 160 mm, 6 1/8"



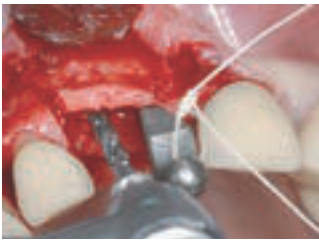
**EL-D-1380**  
 ERGOPLANT  
 Osteotome  
 curved, 4 mm  
 160 mm, 6 1/8"



**EL-D-1381**  
 ERGOPLANT  
 Osteotome  
 curved, 6 mm  
 160 mm, 6 1/8"



The maxillary crest is split transversal by the Step-Osteotome.



The bone split is kept apart by the retractor.



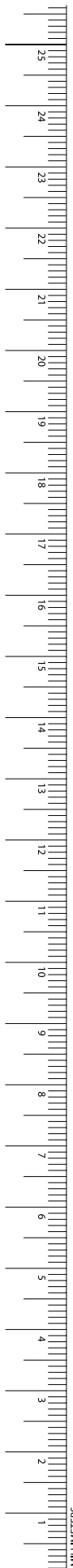
The implant can be positioned by using the existing bone.



After splitting the maxillary crest the bone split is closed within a short period of time. This leads to an unwished unnecessary bone loss when drilling afterwards. This ca the risk of an implant that is not exactly positioned and additional augmentative treatments could be necessary. The bone split is kept apart by the retractor. Thus, the existing bone can be used better to position the implant.



# ERGOPLANT - Bone Split



**EL-D-1382**  
 ERGOPLANT  
 Applicator for bone  
 split retractors



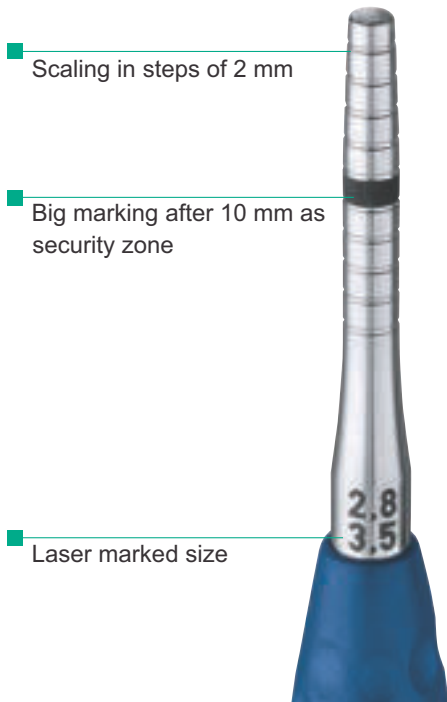
**EL-D-1383**  
 ERGOPLANT  
 Titanium bone split  
 retractor, 3 x 5 mm



**EL-D-1384**  
 ERGOPLANT  
 Titanium bone split  
 retractor, 4 x 6 mm



**EL-D-1385**  
 Rack for 4 bone split retractors, can be  
 easily fastened in Elite dental trays, incl  
 . 2 fixation pins



**EL-D-1386**  
straight, 1.5-2.2 mm



**EL-D-1387**  
straight, 2.2-2.8 mm



**EL-D-1388**  
straight, 2.8-3.5 mm



**EL-D-1389**  
ERGOPLANT  
Bone condenser  
160 mm, 6 1/3"



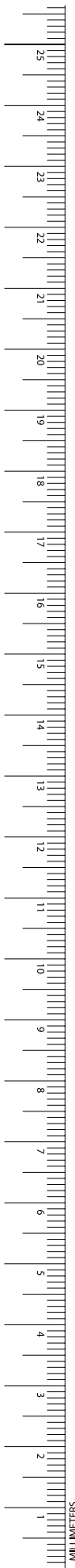
**EL-D-1390**  
straight, 3.5-4.2 mm



**EL-D-1391**  
straight, 4.2-4.8 mm



# ERGOPLANT - Bone Condensing



**EL-D-1392**  
ERGOPLANT  
Bone condenser  
180 mm, 7"



**EL-D-1393**  
bayonet, 1.5-2.2 mm



**EL-D-1394**  
bayonet, 2.2-2.8 mm



**EL-D-1395**  
bayonet, 2.8-3.5 mm



**EL-D-1396**  
bayonet, 3.5-4.2 mm



**EL-D-1397**  
bayonet, 4.2-4.8 mm



**EL-D-1398**  
145 mm, 5¾"  
Titanium-microblade holder with round handle, light. Easily rotated and easy to handle for precision incisions.



**ERGOPLANT**  
**EL-D-1403**  
150 mm, 6"  
Microblade holder with round handle, for precision incisions.



**EL-D-1399 EL-D-1400**  
Sales unit: **PAK** = package of 10 pieces



**EL-D-1401 EL-D-1402**  
Sales unit: **PAK** = package of 1 piece

Microsurgical blade stainless steel, sterile packed

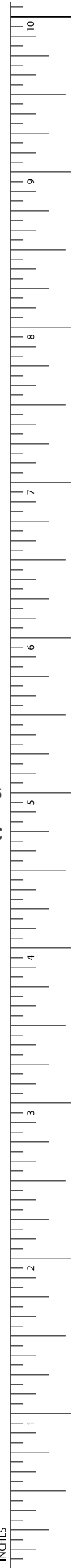


**EL-D-1407**  
145 mm, 5¾"  
Scalpel blade holder with round handle

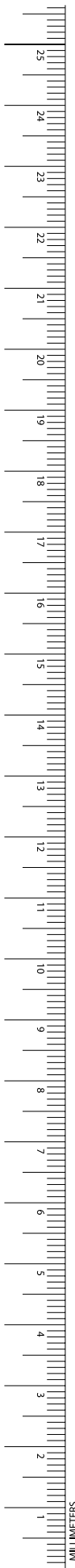


**EL-D-1404 EL-D-1405 EL-D-1406**  
Fig. 11 Fig. 15 Fig. 15-C

Scalpel blades, vacuum heat treated, sterile packed  
Sales unit: **PAK** = package of 100 pieces



Micro Surgery



DIADUST™

= with tungsten carbide inserts

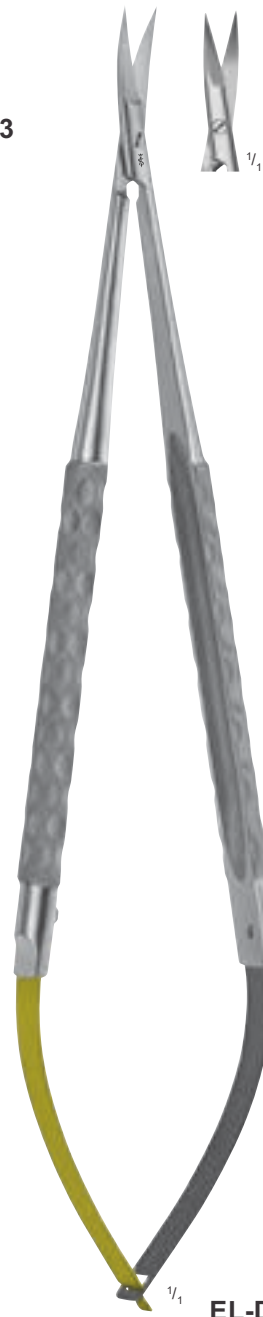
= Diamond Powder Coated Needle Holders



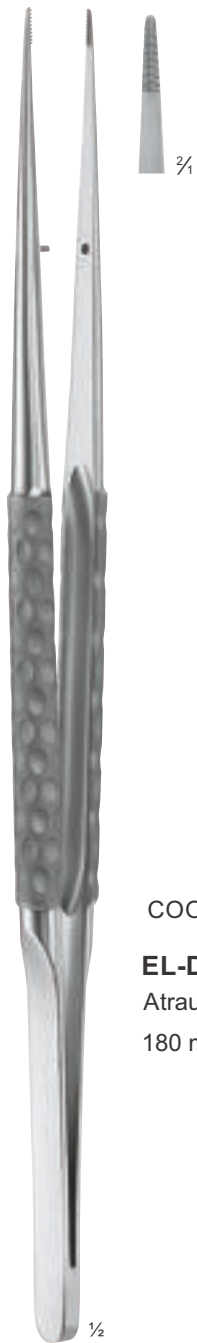
**EL-D-1408**  
 needle holder  
 with carbide inserts for  
 suture material 4/0 - 6/0  
 180 mm, 7"



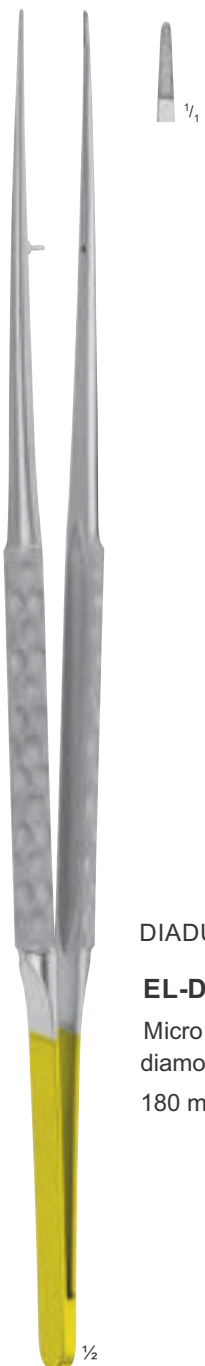
DIADUST™  
**EL-D-1409**  
 Micro needle holder  
 for suture material  
 6/0 - 9/0  
 180 mm, 7"



**EL-D-1410**  
 Micro ligature scissors,  
 curved, one blade  
 serrated  
 180 mm, 7"



**COOLEY**  
**EL-D-1411**  
 Atraumatic micro forceps  
 180 mm, 7"



**DIADUST™**  
**EL-D-1412**  
 Micro dissecting forceps,  
 diamond dust coated  
 180 mm, 7"

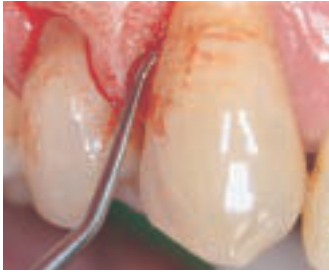
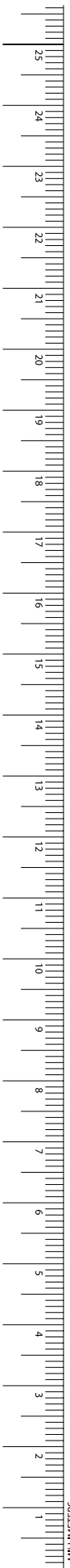


**DIADUST™**  
**EL-D-1413**  
 Micro tissue  
 forceps  
 180 mm, 7"





# Micro Surgery



Atraumatic dissecting of the flap by means of the papilla elevator without any damage to the papillae.



**PHW**  
**EL-D-1414**  
 Atraumatic papilla elevator  
 190 mm, 7 1/2"



**BUSER**  
**EL-D-1415**  
 Micro-Raspatory  
 180 mm, 7 1/2"

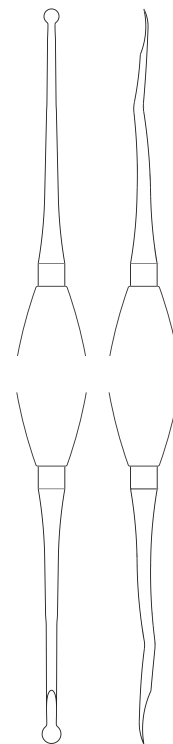




Rounded plate-shaped working tips allow more movement, and significantly increase the radius of mobilization in frontal and lateral sub-periosteal preparation.

The sharpened edge of the instrument tips also allows sulcular as well as tunnel technique preparation (as with the envelope technique).

The design and angle of the working tips significantly facilitates preparation in convex areas.



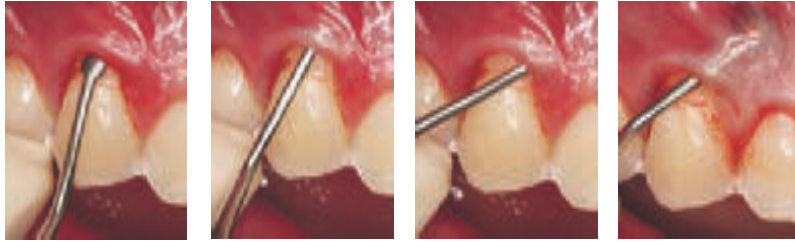
**STRICKER  
EL-D-1416**

The straight tunnelling instrument is mainly used in the upper jaw, in the frontal and lateral region. This allows large areas of the gingiva to be undermined using both tunnel and sulcular techniques.

180 mm, 7½"



## Instruments for tunnel technique for periodontal recession



**STRICKER**

### EL-D-1417

The angled tunnelling instrument is primarily used for preparing lateral, buccal regions. It can also be used distally, without tearing the mucosal tissue and also for the lower jaw.

180 mm, 7½"

### EL-D-1418

Original Arkansas grinding stone, for grinding on tunnelling instruments

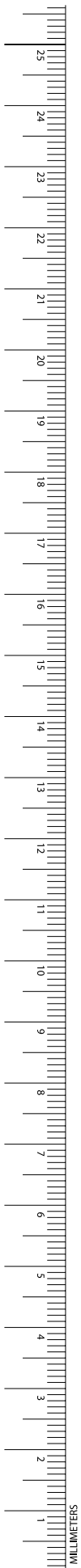
75 x 25 x 7 mm



### EL-D-1419

Sterilit® Elite<sup>®</sup> oil for grinding stones

Contents: 50 ccm



## Dental Implantology



- Very delicate working tips facilitate access to dental implant collar
- No risk of infection from curette abrasion
- Low implant damage risk
- May be manually sharpened

To ensure the long-term success of an implant, consistent aftercare is very important. To eliminate plaque on the implant-abutment interface, titanium curettes can be preferable.



LANGER  
**EL-D-1420**  
 L 1/2  
 Premolars  
 Molars  
 universal  
 mandible

$\frac{1}{16}$  175 mm, 7"



LANGER  
**EL-D-1421**  
 L 3/4  
 Premolars  
 Molars  
 universal  
 maxilla

$\frac{1}{16}$  175 mm, 7"

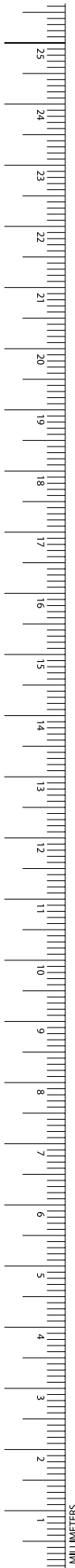


LANGER  
**EL-D-1422**  
 L 5/6  
 Anteriors  
 universal

$\frac{1}{16}$  175 mm, 7"



## Dental Implantology



### Force-controlled periodontal probe

- Defined probing force of 0.2 N (20 g)
  - Low implant damage risk
- Titanium nitride coating
  - Exact marking and smooth transition
  - No abrasion



**EL-D-1423**

UNC 15  
165 mm, 6 1/2"



WHO  
**EL-D-1424**

PCP 11,5 C  
165 mm, 6 1/2"



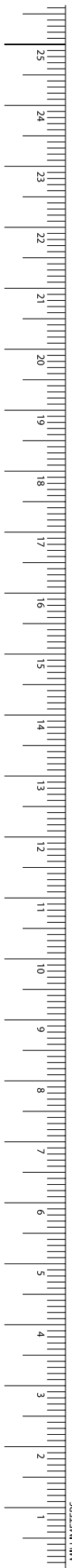
These instruments were developed to hold back lips, cheeks, tongue and lingual mucous membrane. Due to the ergonomic handle design, a more relaxed working with minimal physical strain is possible, even in long operations.



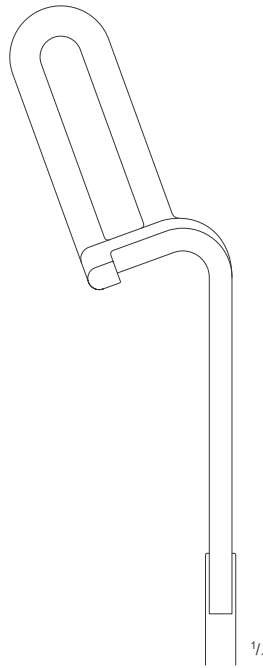
**EL-D-1425**

ERGOPLANT  
Cheek retractor  
215 mm, 8½"

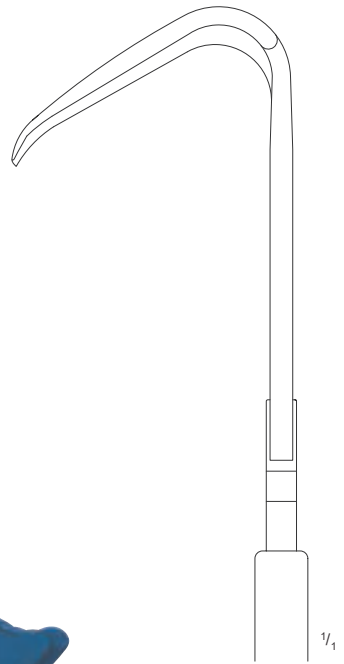
**ERGOPLANT - Retractors**



**EL-D-1426**  
 ERGOPLANT  
 Vestibulum hook  
 220 mm, 8¾"



**BÜCHS**  
**EL-D-1427**  
 ERGOPLANT  
 Soft tissue retractor  
 200 mm, 8"





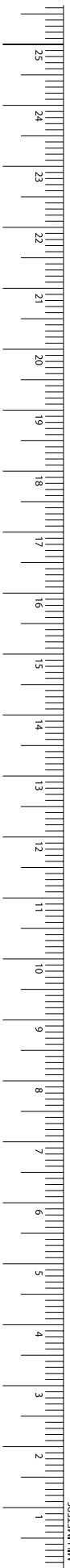


**EL-D-1428**

ERGOPLANT  
Tongue retractor  
190 mm, 7 1/2"



# ERGOPLANT - Retractors, Mouth Props, Tongue Retractors



The mouth wedges are particularly advantageous for longer implantations and also provide support for the patient.

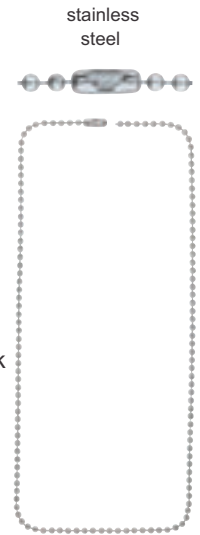
Latex free



### EL-D-1429

Sales unit: PAK = Package of 2 pieces suitable for steam sterilization 134°C (Autoclav)

stainless steel



### EL-D-1430

Chain with clip lock for DX113-DX115 450 mm, 17"



### EL-D-1431

ERGOPLANT  
Silicone mouth wedge  
Size: S



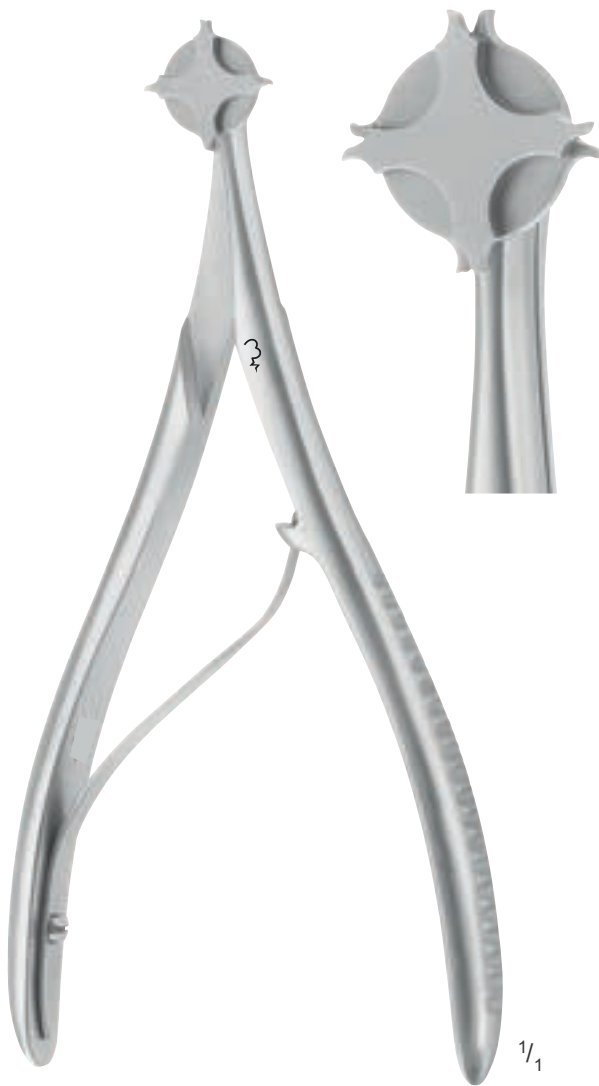
### EL-D-1432

ERGOPLANT  
Silicone mouth wedge with metal core  
Size: M



### EL-D-1433

ERGOPLANT  
Silicone mouth wedge with metal core  
Size: L



PLANERT  
**EL-D-1434**  
 140 mm, 5½"



At the beginning the crown is slit parallel with a relatively thin instrument.

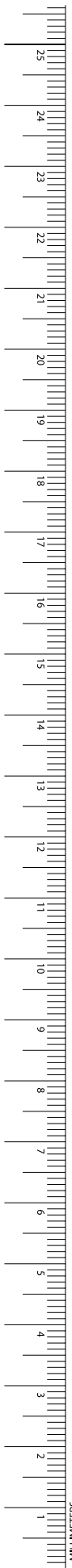


To produce parallel slit edges which can be easily gripped with the pliers, a cylindrical instrument with diam. of approx 1.0 mm is guided perpendicular to the tooth center line.



### **PLANERT Crown widening pliers**

- universally applicable in the upper and lower jaws
- essential time saving
- protection of the periodontium
- no stump beaks and no periodontal membrane contusions
- no slipping off of the instruments and no risk of injury to the oral cavity soft tissue
- frequent reusability of the crowns and bridges as temporary measure
- use also possible with thin walled crowns and hard alloys



## Impression Trays

JESCO™ - Form impression trays, impression trays acc. WÖSTMANN perforated pattern. Using plastic or resilient impression compounds, these materials will penetrate the holes and give the necessary support for a correct impression. The impression trays are made of stainless steel 18/8.

The impression trays for lower jaw acc. WÖSTMANN in addition have the following characteristics and advantages:

- Modified tray shield and changed tray curve.
- Lengthened tray with simultaneous reduction of transversal expansion.
- All teeth are seized, incl. the third molars
- Sufficient and uniform thickness of the impression compounds in the area of lingual undercut of the teeth.




---

\* The shapes of the impression trays are based on an analysis of naturally toothed patients of:

PD. Dr. B. Wöstmann  
 Zentrum für Zahn-, Mund- und Kieferheilkunde  
 der Julius-Liebig-Universität  
 Abteilung für Zahnärztliche Prothetik  
 Schlangenzahl 14; D-35392 Gießen

## JESCO™ Form Impression Trays for Upper Jaw

A = width of impression tray  
 B = depth of impression tray

Using plastic or resilient impression compounds, these materials will penetrate the holes and give the necessary support for a correct impression.

For resilient impression compounds

JESCO-Form impression trays  
 for toothed upper jaws

JESCO-Form impression trays  
 for partly toothed upper jaws



A B

- EL-D-1435** OB 1 66 mm x 52 mm
- EL-D-1436** OB 2 71 mm x 62 mm
- EL-D-1437** OB 3 71 mm x 64 mm
- EL-D-1438** OB 4 80 mm x 70 mm



A B

- EL-D-1439** OP 1 62 mm x 50 mm
- EL-D-1440** OP 2 70 mm x 56 mm

JESCO-Form impression trays  
 for edentulous upper jaws



A B

- EL-D-1441** OU 1 65 mm x 46 mm
- EL-D-1442** OU 2 68 mm x 53 mm
- EL-D-1443** OU 3 79 mm x 61 mm



## Dental Prosthetics

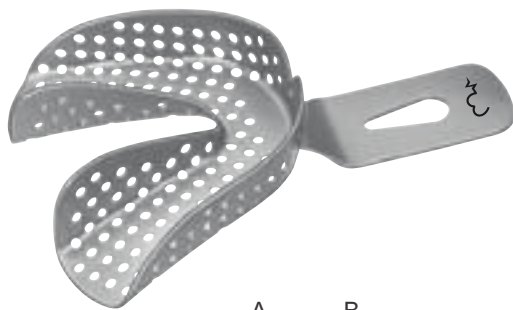
A = width of impression tray

B = depth of impression tray

Using plastic or resilient impression compounds, these materials will penetrate the holes and give the necessary support for a correct impression.

For resilient impression compounds

According to WÖSTMANN  
Impression trays for toothed lower jaws



		A	B
<b>EL-D-1444</b>	UB 1	69 mm	54 mm
<b>EL-D-1445</b>	UB 2	73 mm	58 mm
<b>EL-D-1446</b>	UB 3	79 mm	64 mm
<b>EL-D-1447</b>	UB 4	80 mm	71 mm

JESCO™ Form impression trays  
for edentulous lower jaws



		A	B
<b>EL-D-1448</b>	UU 1	70 mm	48 mm
<b>EL-D-1449</b>	UU 2	70 mm	53 mm
<b>EL-D-1450</b>	UU 3	72 mm	57 mm
<b>EL-D-1451</b>	UU 4	70 mm	58 mm

JESCO-Form impression trays  
for partly toothed lower jaws



		A	B
<b>EL-D-1452</b>	UP 1	70 mm	55 mm
<b>EL-D-1453</b>	UP 2	78 mm	59 mm



**EL-D-1454**  
150 mm (6") lang  
Steel ruler, stainless,  
graduated in millimeters and  
inches,  
150 mm (6") long



ZIELINSKY  
**EL-D-1455**  
Caliper



BEERENDONK  
**EL-D-1456**  
Caliper

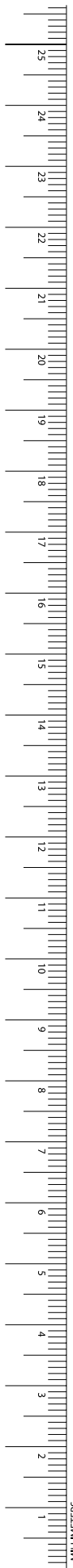


**EL-D-1457**  
Forceps for  
articulating paper  
150 mm, 6"





**Instruments for Measuring, Applicator for Retraction Sutures, Retraction Thread Packer, Mixing Tablets**



BÜCHS

**EL-D-1458**

Applicator for retraction sutures  
185 mm, 7 1/4"



**EL-D-1459**

Retraction thread packer, flexible  
175 mm, 7"



**EL-D-1460**

130 x 80 mm  
Mixing tablet, glass  
5 x 3 1/4"



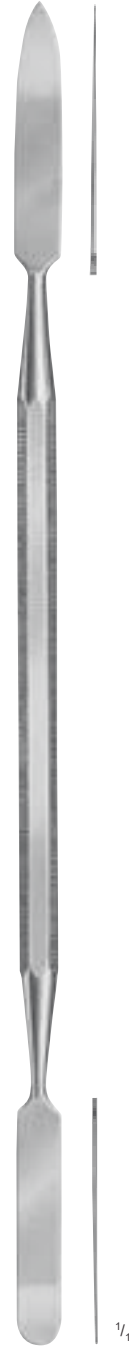
**EL-D-1461**  
150 mm, 6"



**EL-D-1462**  
165 mm, 6 1/2"



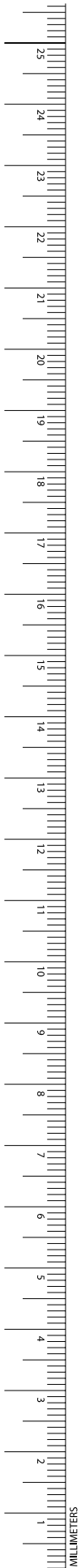
**EL-D-1463**  
especially flexible  
185 mm, 7 1/4"



**EL-D-1464**  
180 mm, 7"



# Cement Spatulas



**EL-D-1465**  
175 mm, 7"



**EL-D-1466**  
180 mm, 7"



**EL-D-1467**  
180 mm, 7"

**DIADUST™**



**EL-D-1469**

slender pattern  
 the diamond powder  
 coated gripping surfaces  
 allow an especially  
 firm grip  
 140 mm, 5 1/2"



BÖHM

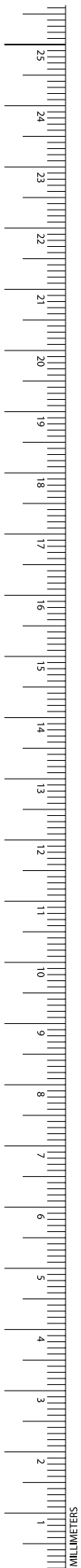
**EL-D-1468**

Telescope pliers firmly grip the inner crown so that the outer one can be separated easily. To avoid damage to the crown in too stern a pressure, the set screw can be adjusted.

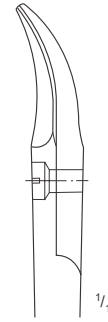
BÖHM	a	b	c	d
	3.3	4.0	2.3	3.0 mm



Telescope Pliers, Crown Scissors



EL-D-1471



EL-D-1472



BEEBE

EL-D-1470

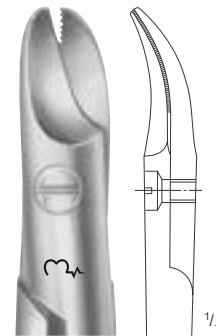
Crown scissors

110 mm, 4 3/8"



EL-D-1473

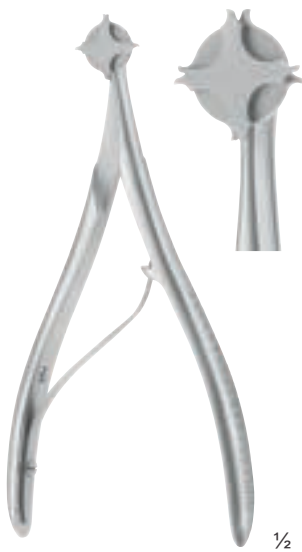
broad blades



EL-D-1474

1 blade serrated

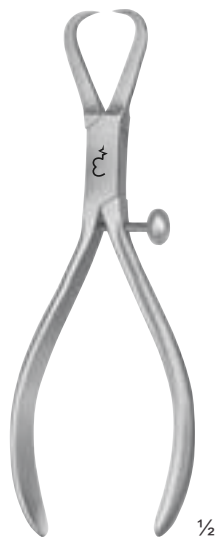
- universally applicable in the upper and lower jaws
- essential time saving
- protection of the periodontium
- no stump beaks and no periodontal membrane contusions



PLANERT

**EL-D-1475**

Crown widening pliers, for removing crowns and bridges  
140 mm, 5½"



FURRER

**EL-D-1476**

Coperring, temporary measure and crown removing pliers  
145 mm, 5¾"



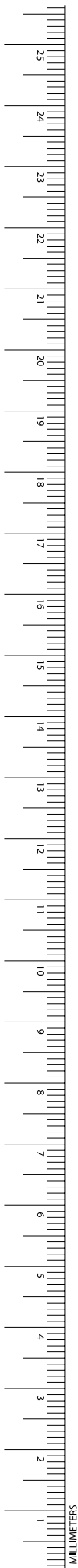
MERSHON

**EL-D-1477**

Crown depressor  
145 mm, 5½"



# Crown Removers



**TREYMANN**  
**EL-D-1478**  
 Crown remover  
 255 mm, 10"

**EL-D-333**  
 Crown and bridge remover, complete, with 3 points



**EL-D-1479**  
 Handle only



**EL-D-1480**  
 Point, only



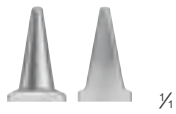
**EL-D-1481**  
 Point, only



**EL-D-1482**  
 Point, only



1/2



1/2



1/2



1/2



1/2

JARABAK  
**EL-D-1483**

140 mm, 5 3/4"

Light wire pliers

- for shaping and closing loops
- with 3 holding grooves
- max.wire size 028"



1/2

ANGLE  
**EL-D-1484**

125 mm, 5"

Bird beak pliers

- with tungsten carbide inserts (can be replaced)
- max.wire size 028"



1/2

ANGLE  
**EL-D-1485**

125 mm, 5"

Bird beak pliers

- max.wire size 028"



1/2

ANGLE  
**EL-D-1486**

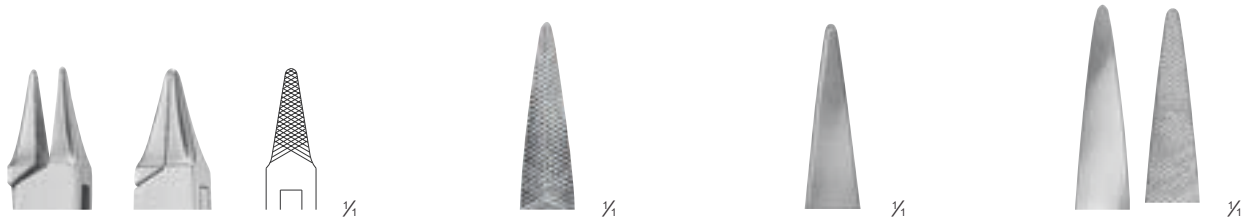
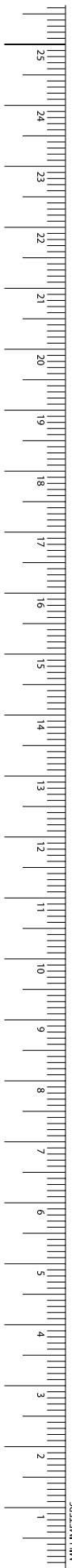
125 mm, 5"

Wire bending pliers

- max.wire size 028"



# Flat Pliers



**EL-D-1487**  
125 mm, 5"  
Flat pliers

- mouth parts serrated
- with short mouth parts, for better transmission of force



**EL-D-1488**  
140 mm, 5½"  
Flat pliers

- mouth parts serrated



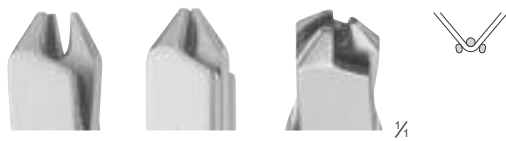
**EL-D-1489**  
140 mm, 5½"  
Flat pliers

- smooth mouth parts



**GOSLEE EL-D-1490**  
140 mm, 5½"  
Flat pliers

- one smooth mouth part, one serrated



ADERER  
**EL-D-1491**  
120 mm, 4<sup>3</sup>/<sub>4</sub>"

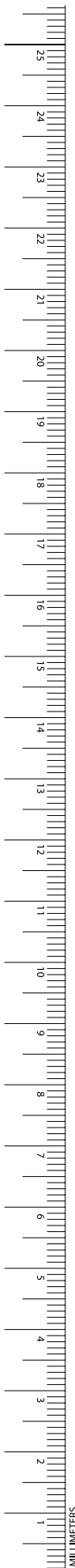
Three-finger pliers ■ For use with hard wires and spring hard wires in the application of orthodontic appliances, quad-helix appliances, Nance appliances and many other appliances  
■ max. wire size: 0.7 mm (.028")



ADERER  
**EL-D-1492**  
125 mm, 5"

Three-finger pliers  
■ max. wire size: 0.9 mm (.036")

### Three-finger Pliers, Round Pliers, Round-nosed Pliers



**EL-D-1493**  
140 mm, 5½"  
Round pliers  
■ delicate pattern



**ANDERSEN**  
**EL-D-1494**  
130 mm, 5¼"  
Round-nosed pliers  
■ for bending loops  
■ max. wire size:  
1.0 mm (.040")



**PEESO**  
**EL-D-1495**  
 Wire bending pliers  
 135 mm, 5 1/4"



**EL-D-1496**  
 Wire bending pliers  
 125 mm, 5"



**EL-D-1497**  
 Wire bending pliers  
 135 mm, 5 1/4"

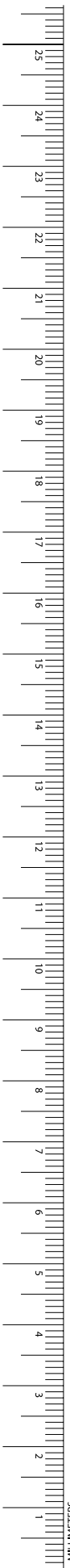
for wire up to  
 0.7 diam.

1.0 diam.



INCHES

Wire bending Pliers, Round nose Pliers



**EL-D-1498**  
Wire bending pliers  
serrated jaws



**EL-D-1499**  
140 mm, 5½"



**EL-D-1500**  
145 mm, 5¾"



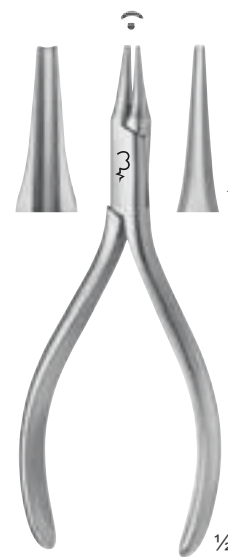
**EL-D-1501**  
140 mm, 5½"



**ANDRESEN**  
**EL-D-1502**  
Wire bending pliers  
for bending loops  
130 mm, 5⅛"

for wire up to  
0.7 mm diam.

1.0 mm diam.



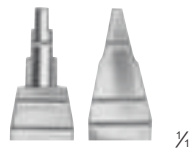
**SCHWARZ**  
**EL-D-1503**  
Wire bending pliers  
for bending loops  
135 mm, 5¼"

for wire up to  
0.5 mm diam.

0.7 mm diam.



¼



¼



¼



½

**KÖHLER**  
**EL-D-1504**

120 mm, 4¾"

Triangular bending clamp pliers

- for fast and exact bending of arrow-head clasps
- max. wire size: 0.7 mm (.028")



½

**YOUNG**  
**EL-D-1505**

140 mm, 5½"

Loop bending pliers

- for loops of any dimension
- particularly suitable for labial bows
- max. wire size: 0.7 mm (.028") springy



½

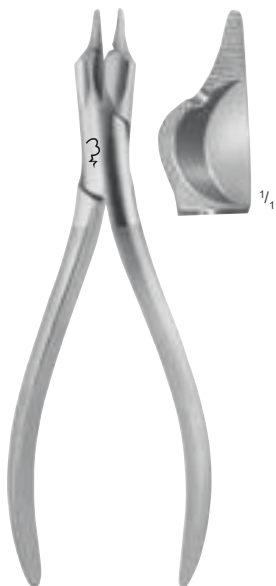
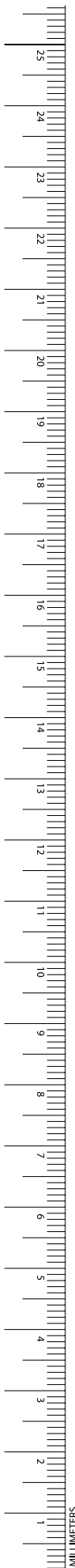
**EL-D-1506**

140 mm, 5½"

Schlaufenbiegezange

- max. Drahtstärke: 1,0mm (.040") federhart

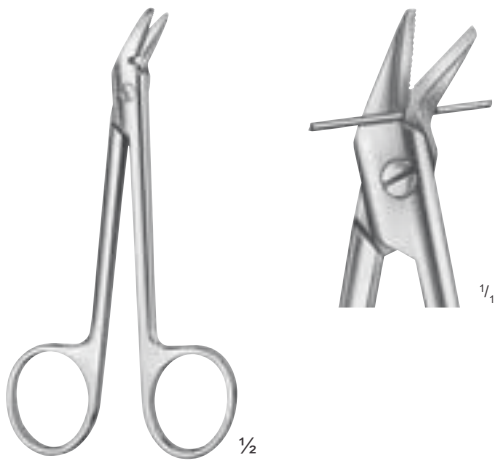
## Wire bending Pliers, Pin- and Wire Cutters



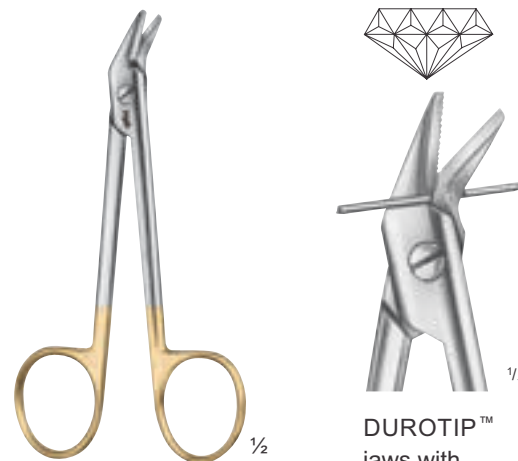
**EL-D-1507**  
Pin- and wire cutters  
for soft wire up to diam 1.5 mm, for hard wire up to diam 1.0 mm  
150 mm, 6"



**EL-D-1508**  
Pin- and wire cutters  
for soft wire up to diam 1.5 mm, for hard wire up to diam 1.2 mm  
160 mm, 6 1/4"



**EL-D-1509**  
 Wire scissors, 1 blade serrated  
 for soft wire up to diam. 1.2 mm,  
 for hard wire up to diam. 0.6 mm  
 120 mm, 4<sup>3</sup>/<sub>4</sub>"

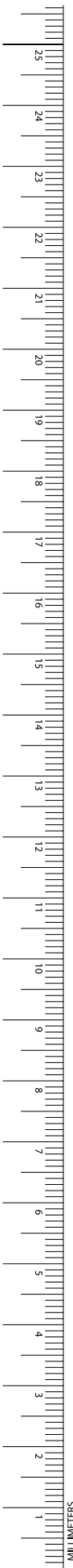


**EL-D-1510**  
 Wire scissors, 1 blade serrated  
 for soft wire up to diam. 1.2 mm,  
 for hard wire up to diam. 0.8 mm  
 120 mm, 4<sup>3</sup>/<sub>4</sub>"

**DUROTIP™**  
 jaws with  
 tungsten carbide inserts



**Wire Scissors, Wire Cutters, Wire Bending Pliers**



specially hardened cutting edges

**EL-D-1511**  
Wire cutter  
for soft wire up to diam 1.5 mm,  
for hard wire up to diam 1.0 mm  
145 mm, 5 3/4"



specially hardened cutting edges

**EL-D-1512**  
Wire cutter  
for soft wire up to diam. 1.5 mm,  
for hard wire up to diam. 1.0 mm  
140 mm, 5 1/2"



ANGLE  
**EL-D-1513**  
Wire cutter  
for soft wire up to 0.5 mm,  
for hard wire up to 0.3 mm  
130 mm, 5 1/8"



specially hardened cutting edges

ANGLE  
**EL-D-1514**  
Wire cutter  
for soft wire up to 0.6 mm,  
for hard wire up to 0.4 mm  
130 mm, 5 1/8"



specially hardened cutting edges

for cutting off wires close to the bone

REILL

**EL-D-1505**

Wire cutter  
for soft wire up to diam. 2.0 mm  
for hard wire up to diam 1.5 mm  
175 mm, 7"

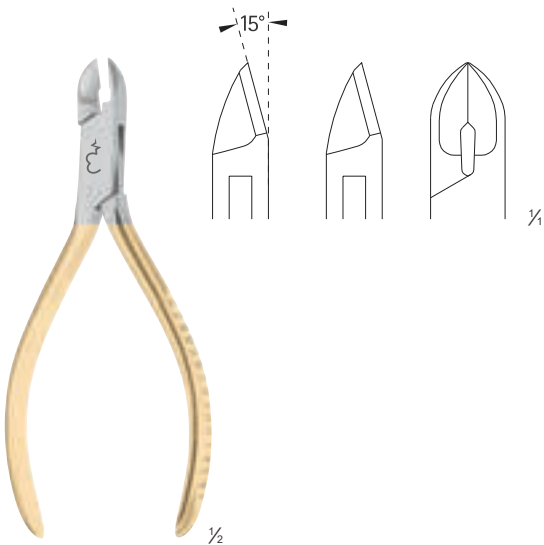
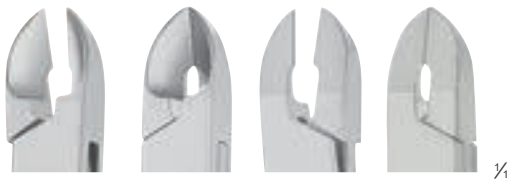


specially hardened cutting edges

**EL-D-1506**

Wire cutter  
for soft wire up to diam. 3.0 mm  
for hard wire up to diam 2.2 mm  
235 mm, 9 1/4"

## Orthodontics



### EL-D-1507

125 mm, 5"

Hard wire cutter

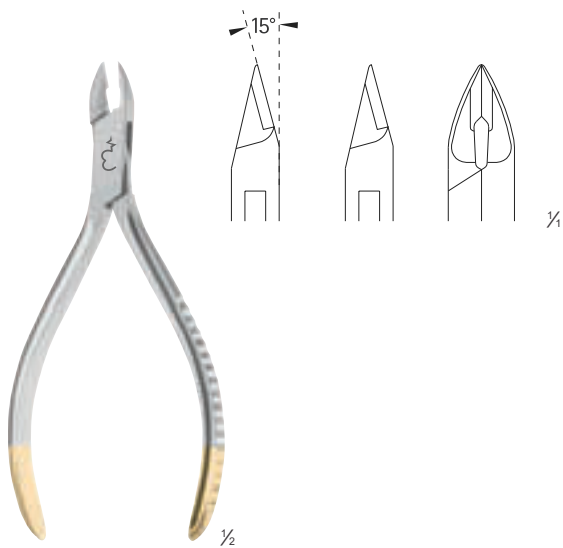
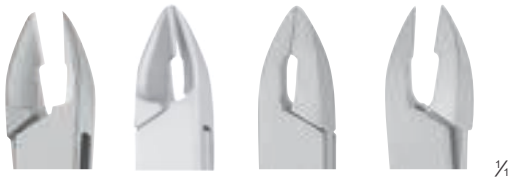
- with tungsten carbide inserts (can be sharpened/replaced)
- for cutting all orthodontic wires
- wires can be cut without deformation
- max. wire size: .022 x .028"

### ER-D-1508

125 mm, 5"

Distal end cutter

- with tungsten carbide inserts (can be sharpened/replaced)
- for intraoral cutting, with safety hold, from wire size .014" upwards
- max. wire size: .021 x .025"



**EL-D-1509**

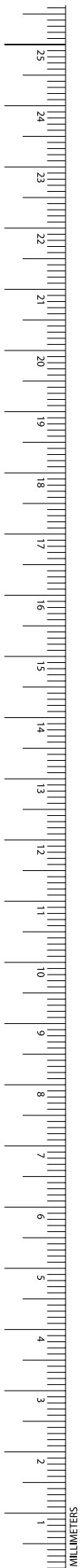
125 mm, 5"

Ligature cutter

- with tungsten carbide inserts  
(can be sharpened/replaced)
- fine cutting jaws and their 15° angular offset enable cutting close to the bracket
- max. wire size: .014"



# Orthodontics



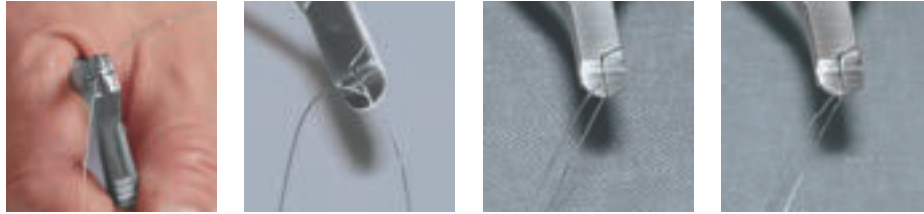
**WEINGART**  
**EL-D-1510**  
130 mm, 5 1/8"

Universal orthodontic pliers

- used as a retaining instrument and to insert archwires in the tube
- enables easy intraoral activation of archwires
- short jaws for better transmission of force



**WEINGART**  
**EL-D-1511**  
130 mm, 5 1/8"



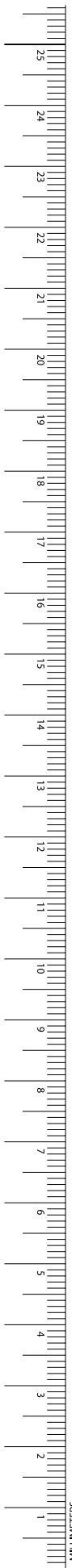
TWEED  
**EL-D-1512**  
 125 mm, 5"

Torque pliers

- with tungsten carbide inserts (can be replaced)
- for exact, sharp-edged bending thanks to sturdy tungsten carbide inserts
- max. wire size: .028"



# Orthodontics

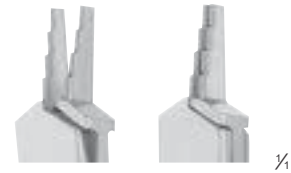
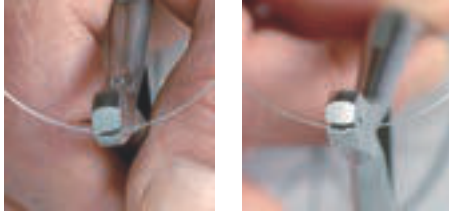


## EL-D-1513

135 mm, 5 1/4"

Loop forming pliers

- sturdy, rounded jaw part in size 2 and 2.5 mm (for the inner diameter of the loop)
- flat jaw part serrated for good fixation of the archwire
- sufficient room for the safe and torque-free formation of loops
- max. wire size: .019 x .025"



De La ROSA  
**EL-D-1514**

125 mm, 5"

Arch bending pliers

- for forming the desired curvature
- the curved design of the jaws allows the curvature of the wires to be adjusted in small steps
- the spring-loaded handle opens the pliers automatically, which facilitates the work
- suitable for all orthodontic wires

NANCE

**EL-D-1515**

125 mm, 5"

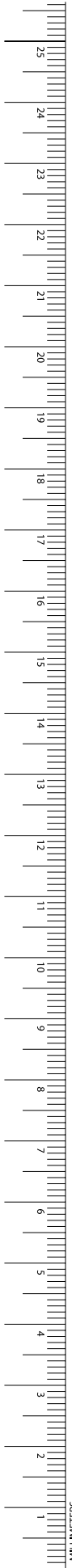
Step loop bending pliers

- Steps of 3, 4, 5 and 6 mm enable exact, even bending, e. g. for utility arches





# Orthodontics



1/4



1/4



1/4



1/4



1/2

JARABAK  
**EL-D-1516**

140 mm, 5 1/4"

Light wire pliers

- for shaping and closing loops
- with 3 holding grooves
- max.wire size 028"



1/2

ANGLE  
**EL-D-1517**

125 mm, 5"

Bird beak pliers

- with tungsten carbide inserts (can be replaced)
- max.wire size 028"



1/2

ANGLE  
**EL-D-1518**

125 mm, 5"

Bird beak pliers

- max.wire size 028"



1/2

ANGLE  
**EL-D-1519**

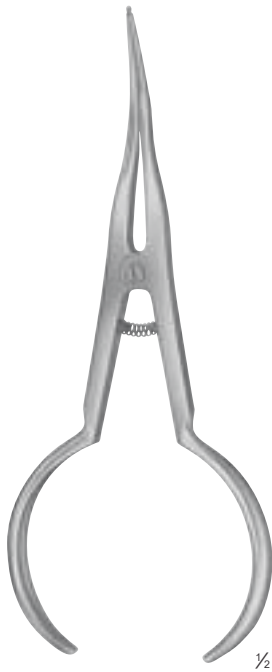
125 mm, 5"

Wire bending pliers

- max.wire size 028"



**Band removing pliers**  
To remove bands, the plastic tip is placed on the occlusal surface and the metal beak is placed under the tube or cleat, and the bands are removed in small steps with alternating forces buccally and lingually/palatally.



### EL-D-1520

175 mm, 7"

Separating pliers

- for applying separators



### EL-D-1521

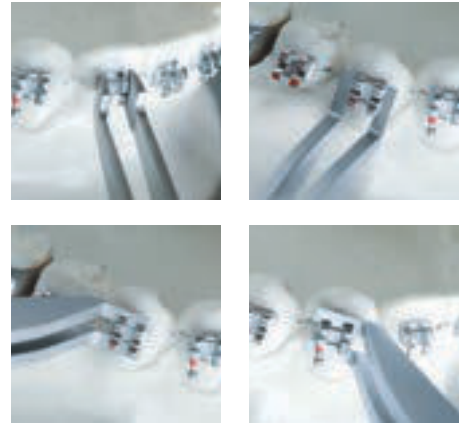
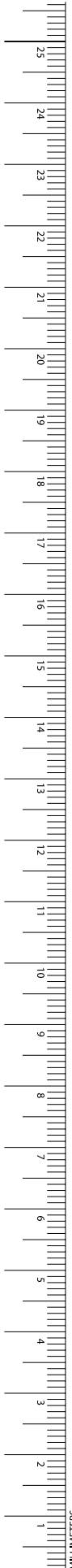
140 mm, 5½"

Band remover

- with tungsten carbide insert (can be replaced)
- replaceable plastic tip
  - to plug in (Art.no. DP744202)
  - to screw (Art.no. DP744205)



# Orthodontics



Holds the clamped brackets automatically. The delicate forceps tips can be placed medially/distally and also under the wings. The end of the forceps can be used to adjust the bracket position.



1/4



1/4



1/2

## EL-D-1522

125 mm, 5"

Combination clamp forceps

- straight
- mouth parts serrated
- for positioning brackets
- spindle on forceps end is used for adjusting the brackets.



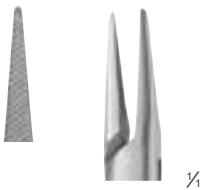
1/2

## EL-D-1523

125 mm, 5"

Combination clamp forceps

- angled
- mouth parts serrated
- particularly suitable for positioning brackets in the posterior teeth
- spindle on forceps end is used for adjusting the brackets



**EL-D-1524**

140 mm, 5½"

Alastik holder (MATHIEU)

- with delicate, serrated mouth parts
- for applying rubber ligatures
- Spring enables single-handed use
- the single-step locking mechanism facilitates the work and makes it easier to remove the clamp from the patient.



HALSTED-MOSQUITO

**EL-D-1525**

125 mm, 5"

Forceps, straight  
Forceps, curved

- mouth parts serrated
- for applying rubber ligatures



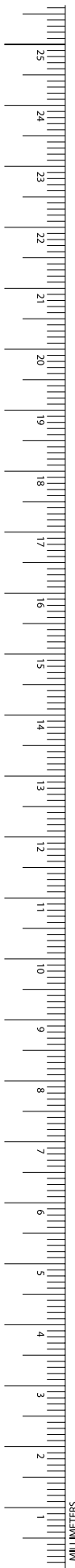
HALSTED-MOSQU

**EL-D-1526**

125 mm, 5"



# Orthodontics

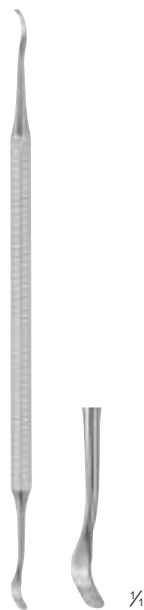


### EL-D-1527

175 mm, 7"

Scaler

- for removing adhesive and cement residues



### SCHURE

### EL-D-1528

160 mm, 7"

Scaler/Pusher

- for positioning and removing bands and for removing cement and adhesive residues

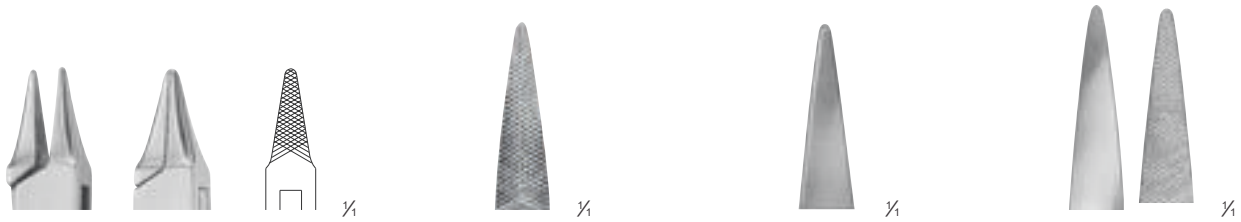


### EL-D-1529

150 mm, 6"

Orthodontic probe

- short, strong tip
- among other things, suitable for removing ligatures and adjusting brackets



**EL-D-1530**

125 mm, 5"

Flat pliers

- mouth parts serrated
- with short mouth parts, for better transmission of force



**EL-D-1531**

140 mm, 5½"

Flat pliers

- mouth parts serrated



**EL-D-1532**

140 mm, 5½"

Flat pliers

- smooth mouth parts



**GOSLEE  
EL-D-1533**

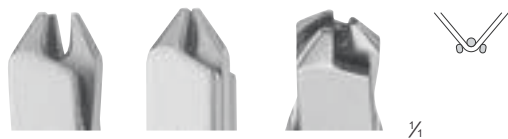
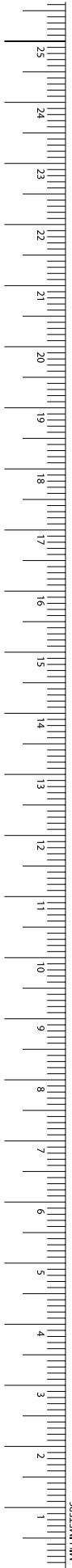
140 mm, 5½"

Flat pliers

- one smooth mouth part, one serrated



# Orthodontics



ADERER  
**EL-D-1534**  
120 mm, 4 3/4"

ADERER  
**EL-D-1535**  
125 mm, 5"

Three-finger pliers ■ For use with hard wires and spring hard wires in the application of orthodontic appliances, quad-helix appliances, Nance appliances and many other appliances

- max. wire size: 0.7 mm (.028")

Three-finger pliers

- max. wire size: 0.9 mm (.036")



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