

# Bio Medical Instruments

Manufacture & Exporter of Surgical and Dental Instruments

## SURGICAL INSTRUMENTS



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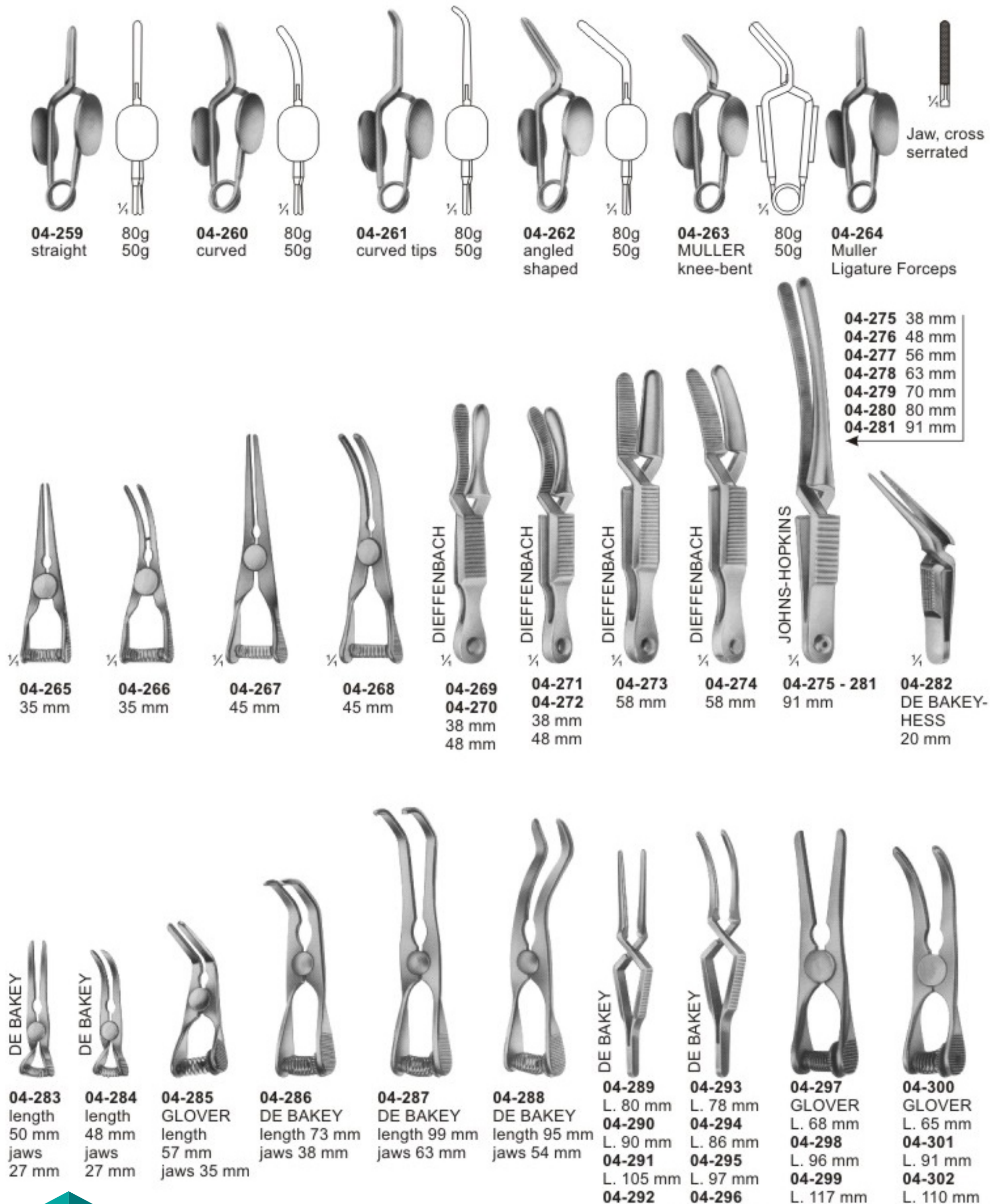
# Vessel Clips, Bulldog Clamps, Haemostatic Forceps



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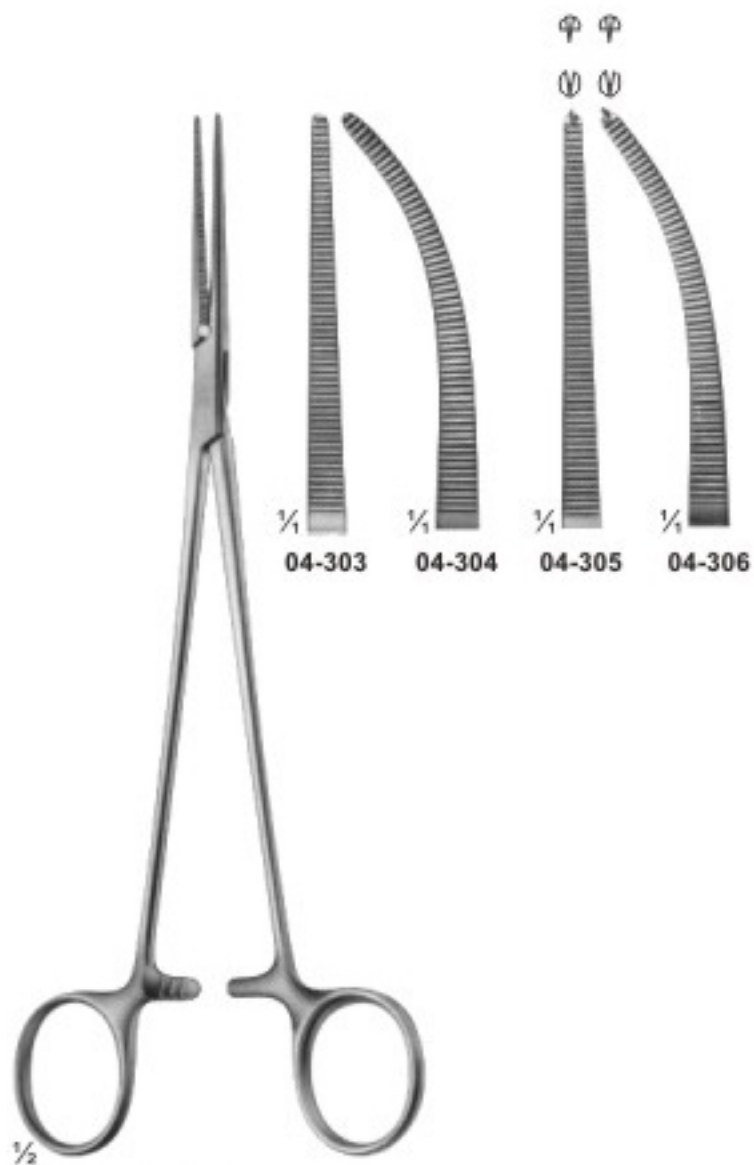
## Closing force



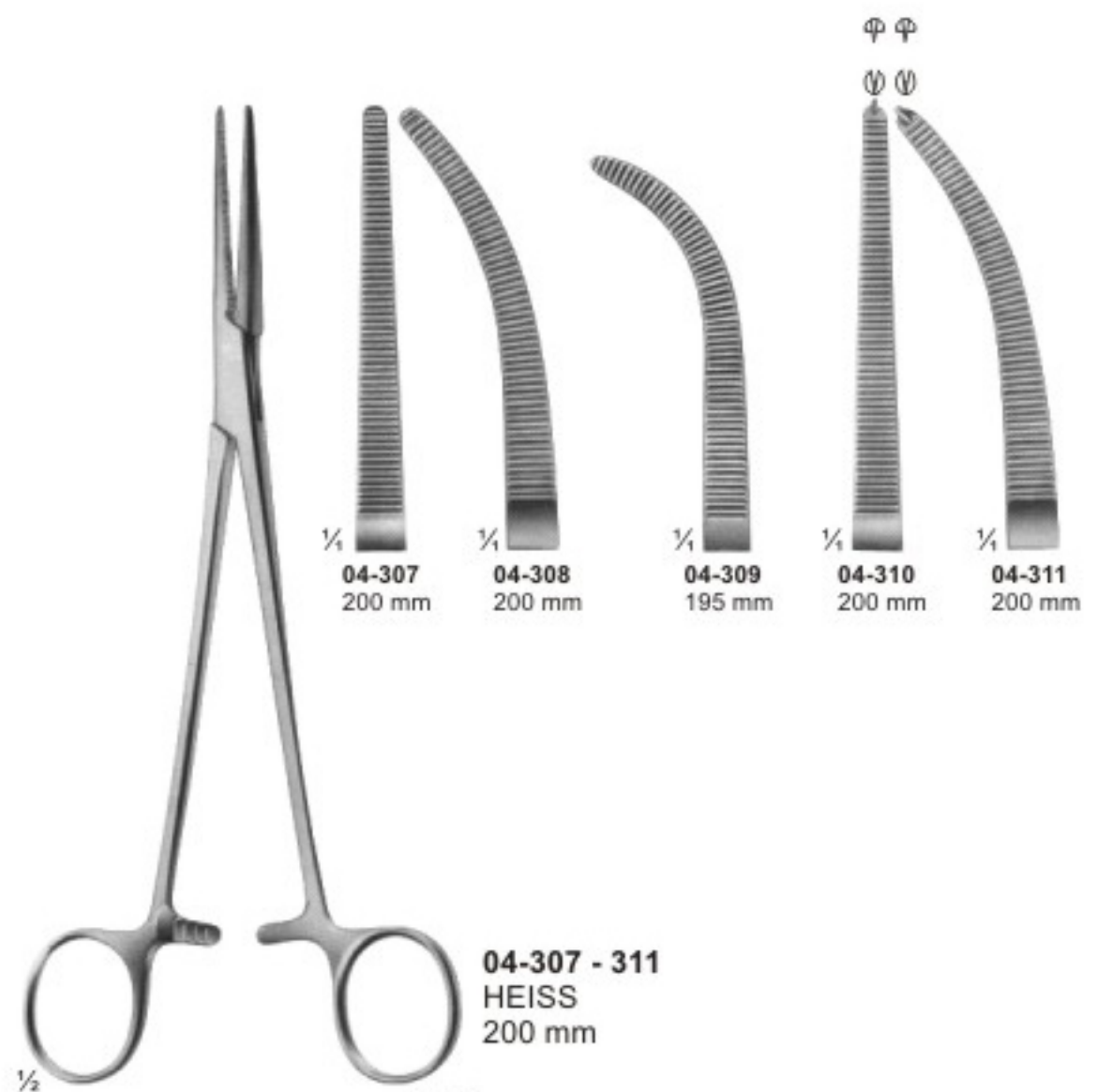


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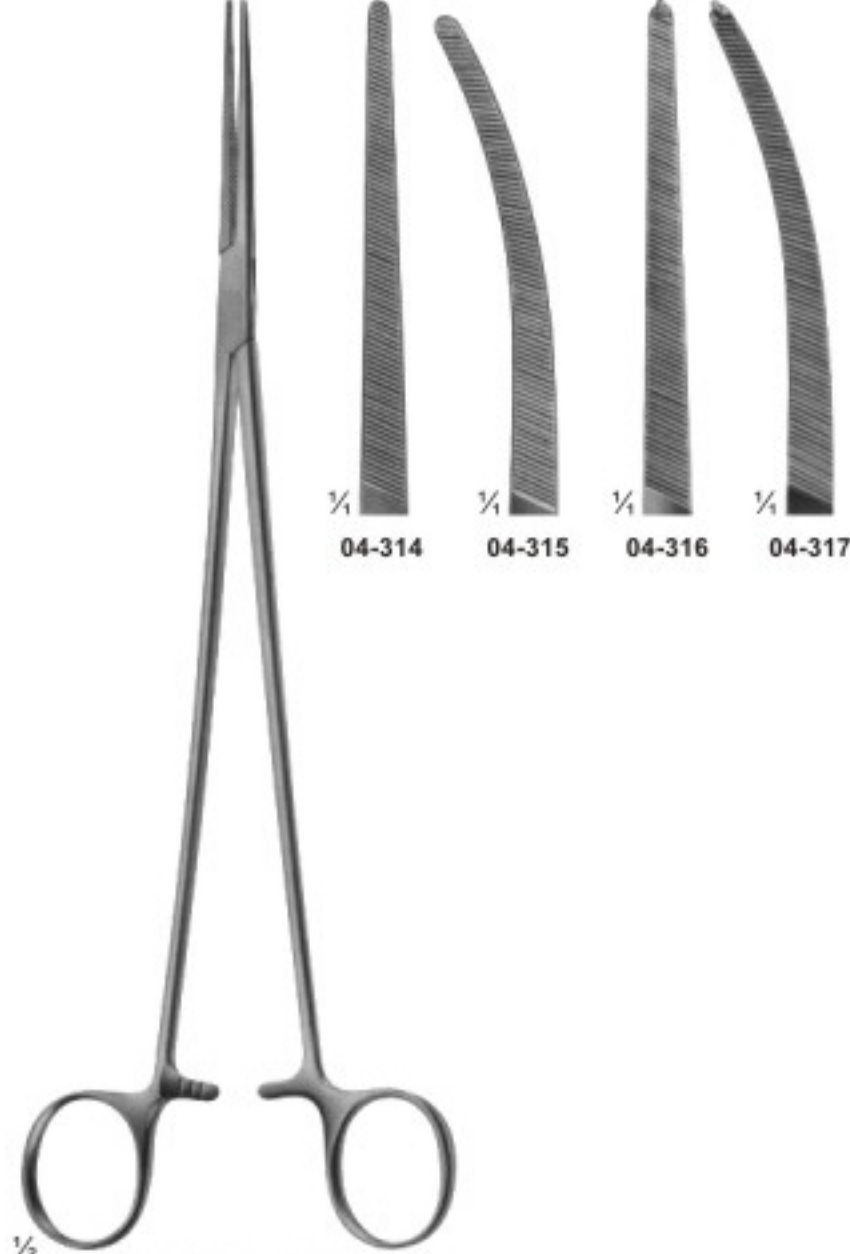
**04-303 - 306**  
HALSTED-MOSQUITO  
200 mm



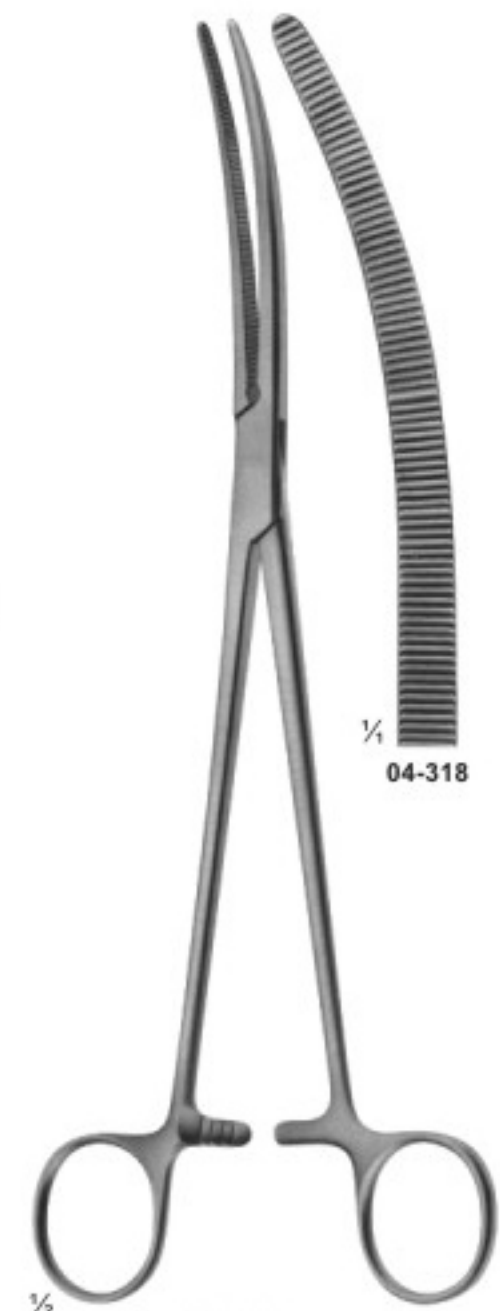
**04-307 - 311**  
HEISS  
200 mm



**04-312 - 313**  
HALSTED  
215 mm



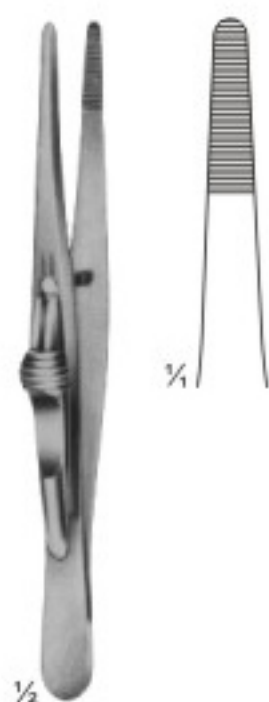
**04-314 - 317**  
BENGOLEA  
245 mm



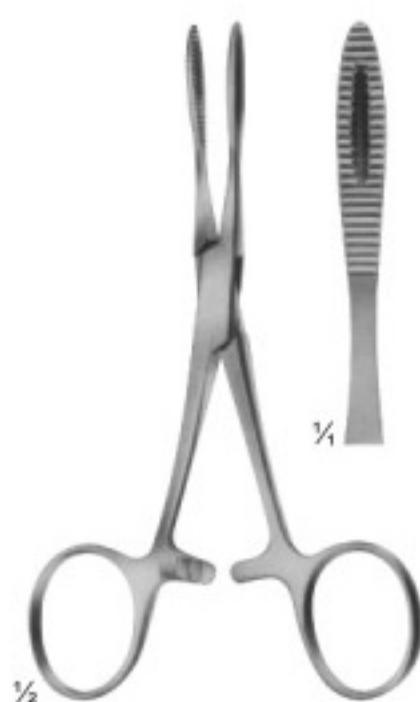
**04-318**  
CRAFOORD  
245 mm

# Bio Medical Instruments

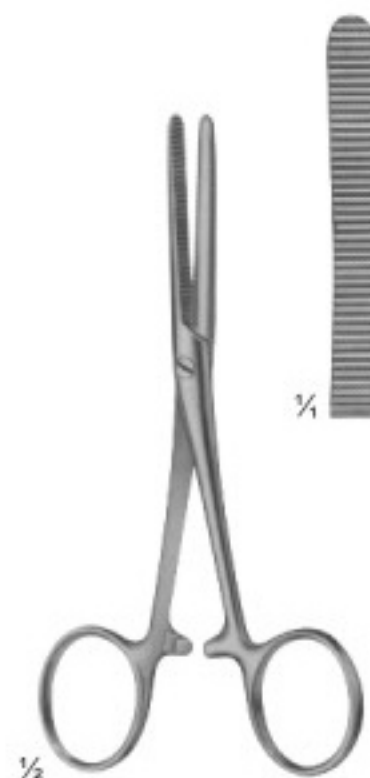
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**04-319**  
**FRICKE**  
Artery forceps  
130 mm



**04-320**  
**KRONLEIN**  
130 mm



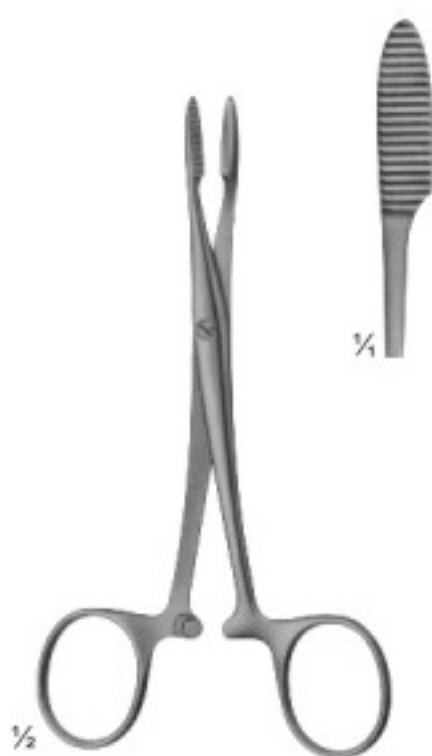
**04-321**  
**PEAN**  
125 mm



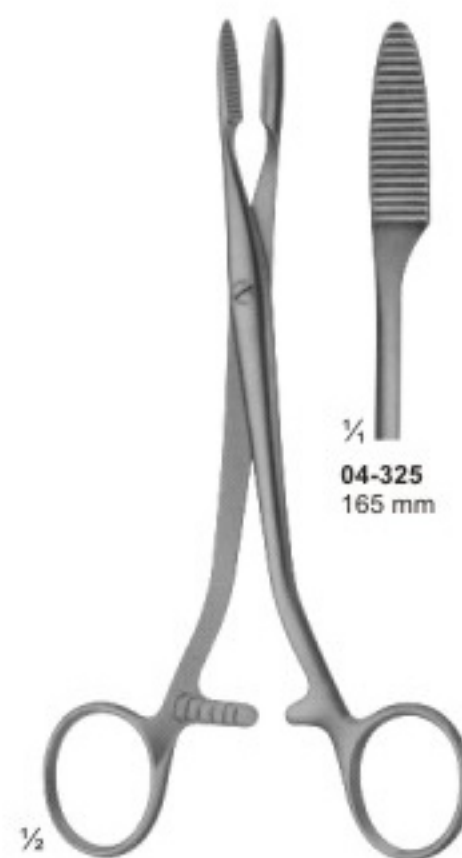
**04-322 - 323**  
**PEAN**



**04-323**  
140 mm



**04-324**  
**PEAN**  
125 mm



**04-325 - 326**  
**PEAN**

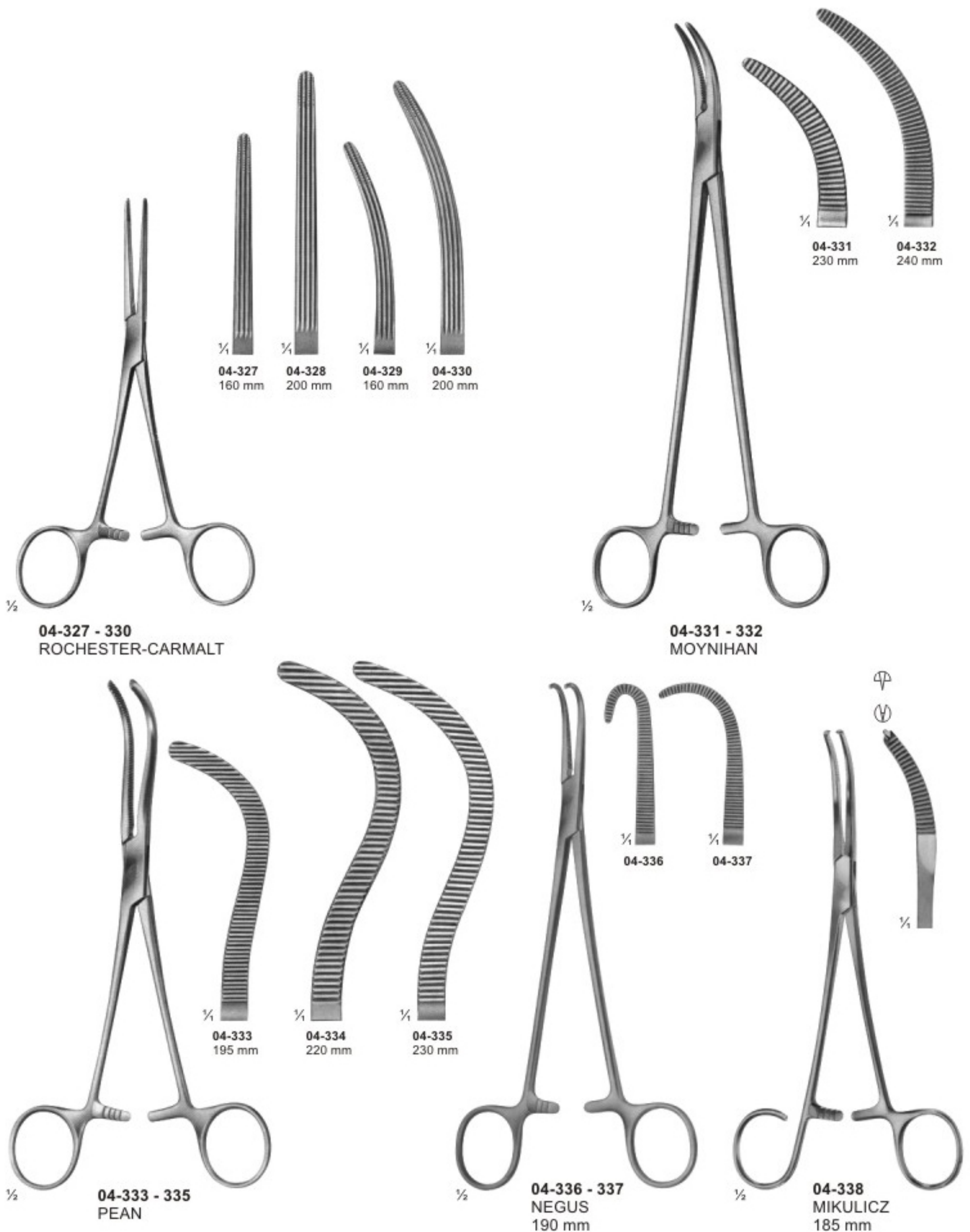


**04-326**  
185 mm



# Bio Medical Instruments

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# Anaesthesia/Other Instruments





## Stethoscopes Stethoskope



**01-110**  
PINARD (Aluminum)  
Size: 155 mm

1/2



**01-111**  
wooden  
Size: 145 mm

1/2



**01-112**  
BOWLES  
Stethoscope  
with diaphragm

1/4



**01-113**  
ANESTOPHON

1/3



**01-114**  
FORD-BOWLES  
Dual chest piece  
with two outlets

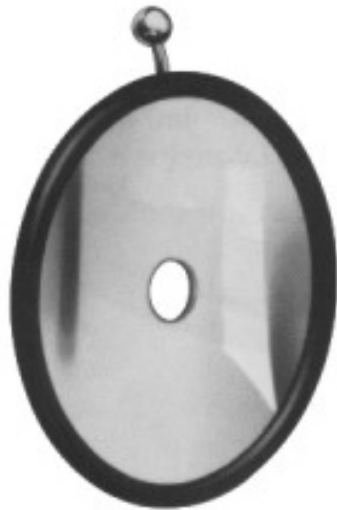
1/4



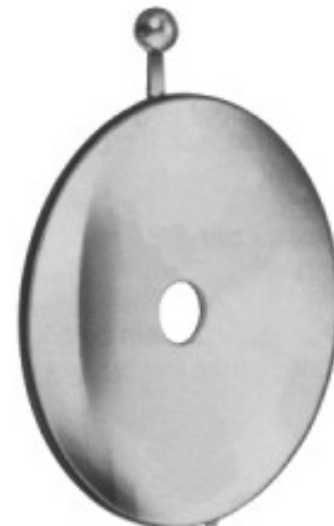
**01-115**  
BOWLES

1/4

## Head Mirrors and Head Bands Reflexspiegel und Stirnbander



**01-116**  
ZIEGLER Ø 90mm  
head mirror only  
with rubber coating

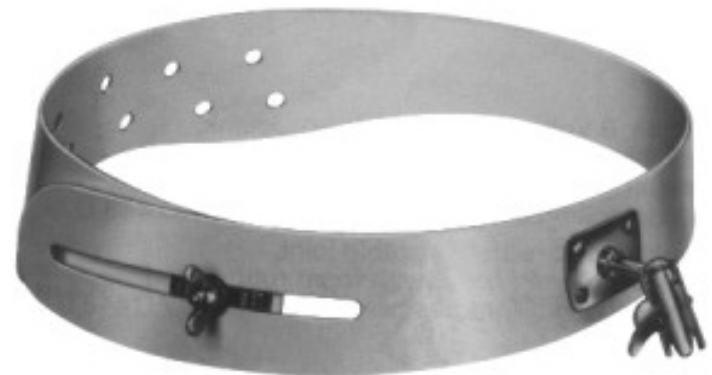


**01-117**  
ZIEGLER Ø 90mm  
head mirror only  
with metal coating



**01-118**  
ZIEGLER  
head band of plastic black

**01-119**  
ZIEGLER  
head band of plastic white



**01-120**  
MURPHY  
head band of celluloid, white



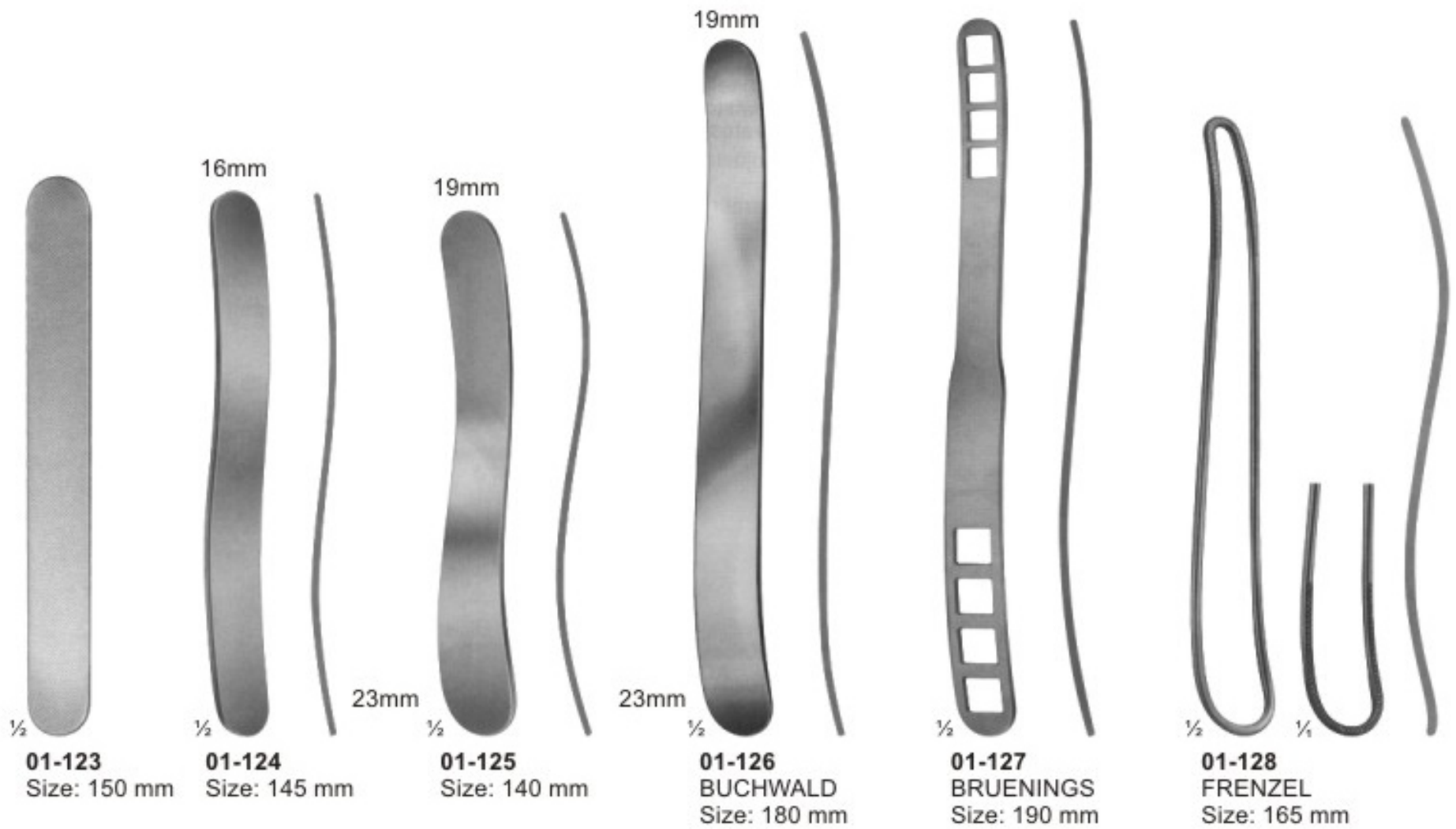
**01-121**  
head band of plastic,  
white, soft pattern



**01-122**  
head mirror with black  
plastic head band.



---



## Instruments for Anaesthesia and Tongue Forceps Narkoseinstrumente und Zungenzangen



**01-134**  
**SCHIMMELBUSCH**  
Ether mask



**01-135**  
**HEISTER**  
Mouth gag  
Size: 130 mm



**01-136**  
**FERGUSON-ACKLAND**  
Mouth gag  
Size: 145 mm



**01-137**  
**DENHARDT**  
Mouth gag with silicon  
inserts, interchangeable  
Size: 125 mm



**01-138**  
**ROSER KOENIG**  
Mouth gag  
Size: 160 mm, 185 mm



**01-139**  
**YOUNG**  
Size: 165 mm



1 Pair Of  
Rubber Pads



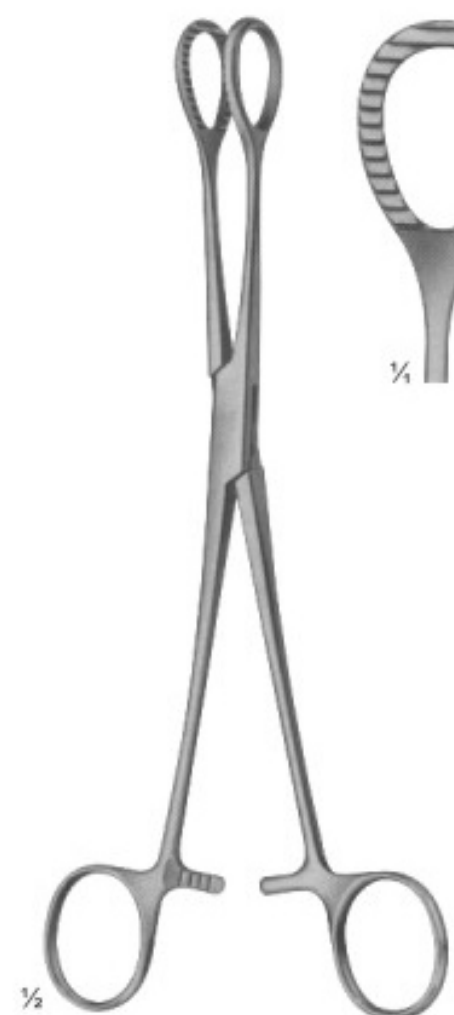
**01-140**  
**COLLIN**  
Size: 160 mm, 170 mm



Size: 160 mm



Size: 170 mm



**01-141**  
**HEYWOOD-SMITH modif.**  
Size: 215 mm



## Blood Lancets and Laryngeal Mirrors Blutentnahmenadeln und Kehlkopfspiegel



**01-142**  
**FRANCKE**  
Automatic blood lancet



**01-144**  
**KOLLE**  
Microscopic Needle  
Holder with plastic handle  
Size: 240 mm



**01-145**  
Mirror handle  
Size: 110 mm



**01-146**  
Mirror handle  
Size: 105 mm



**01-143**  
Laryngeal mirrors with  
hexagonal handle  
Size: 180 mm



Fig. 000  
Ø6mm



Fig. 00  
Ø8mm



Fig. 0  
Ø10mm



Fig. 1  
Ø12mm



Fig. 2  
Ø14mm



Fig. 3  
Ø16mm

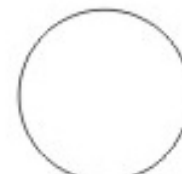


Fig. 4  
Ø18mm

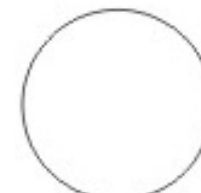


Fig. 5  
Ø20mm

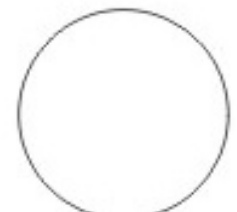


Fig. 6  
Ø22mm

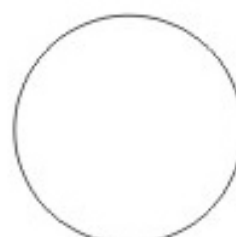


Fig. 7  
Ø24mm

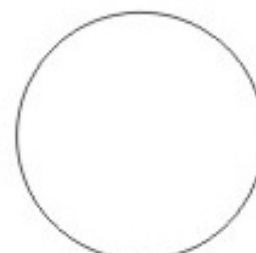


Fig. 8  
Ø26mm

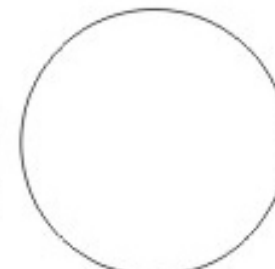


Fig. 9  
Ø28mm

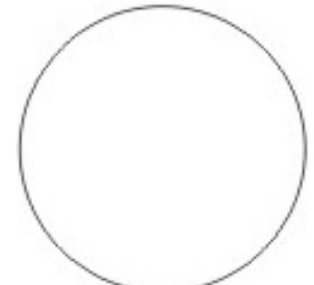
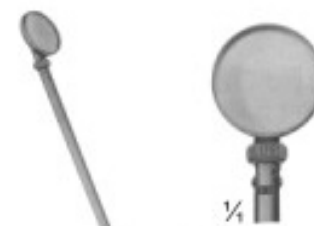


Fig. 10  
Ø30mm



**01-148**  
Spare mirrors only  
Size: 12 mm



**01-149**  
Spare mirrors only  
Size: 14 mm



**01-147**  
**MICHEL**  
Rhinoscopic mirrors with  
interchangeable mirror inserts  
Size: 250 mm

## Laryngoscope and Diagnostic Sets Laryngoskope und Diagnostikbestecke



**01-150 - 152**  
MAGILL



**01-150**  
Infants  
Size: 150 mm



**01-151**  
Children  
Size: 200 mm



**01-152**  
Adults  
Size: 250 mm



**01-153**  
Medium battery handle  
only, 25 mm diam.



**01-153-A**  
Spare bulb  
2.7 volt, for  
otoscopes



**01-153-B**  
Spare bulb  
2.6 volt, for  
ophthalmoscopes



**01-154**  
Otoscope set, consists of  
battery handle without batteries,  
3 ear specula, 1 bulb in velvet lined case



**01-155**  
Diagnostic set, otoscope with three specula,  
nasal speculum, lamp holder, two laryngeal  
mirrors, tongue blade holder

## Laryngoscopes Laryngoskope



### 01-156 MILLER

Laryngoscope set, consists of battery handle ( without battery )  
with four miller laryngoscope blades

Fig. 0

Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 0 Working Length, 55 mm (Baby's)  
Fig. 1 Working Length, 80 mm (Children's)  
Fig. 2 Working Length, 130 mm (Adolescent's)  
Fig. 3 Working Length, 170 mm (Women's)  
Fig. 4 Working Length, 180 mm (Men's)



### 01-157 GUEDEL-NEGUS

Laryngoscope set, consists of battery handle ( without battery )  
with four miller laryngoscope blades

Fig. 1

Fig. 2

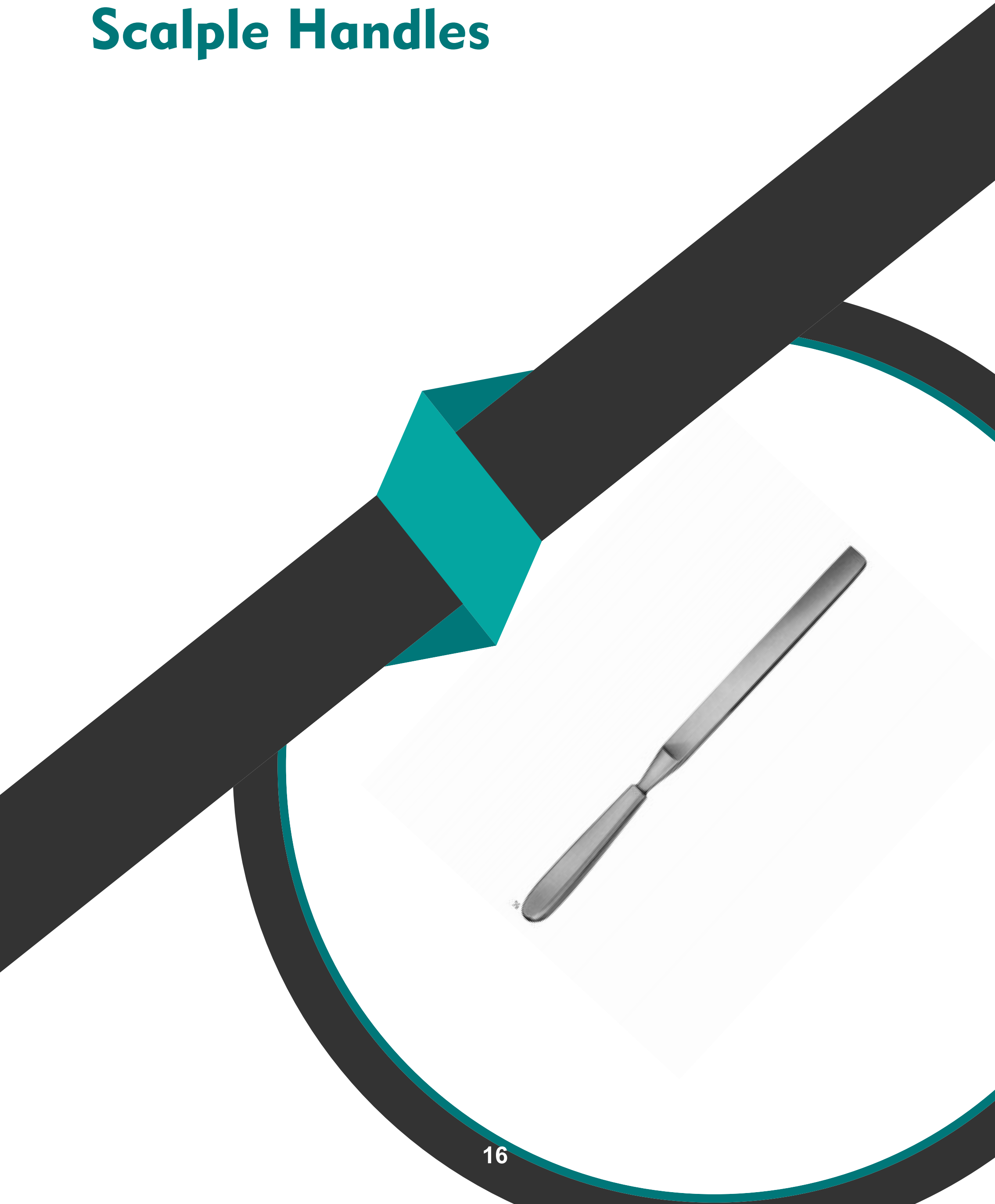
Fig. 3

Fig. 4

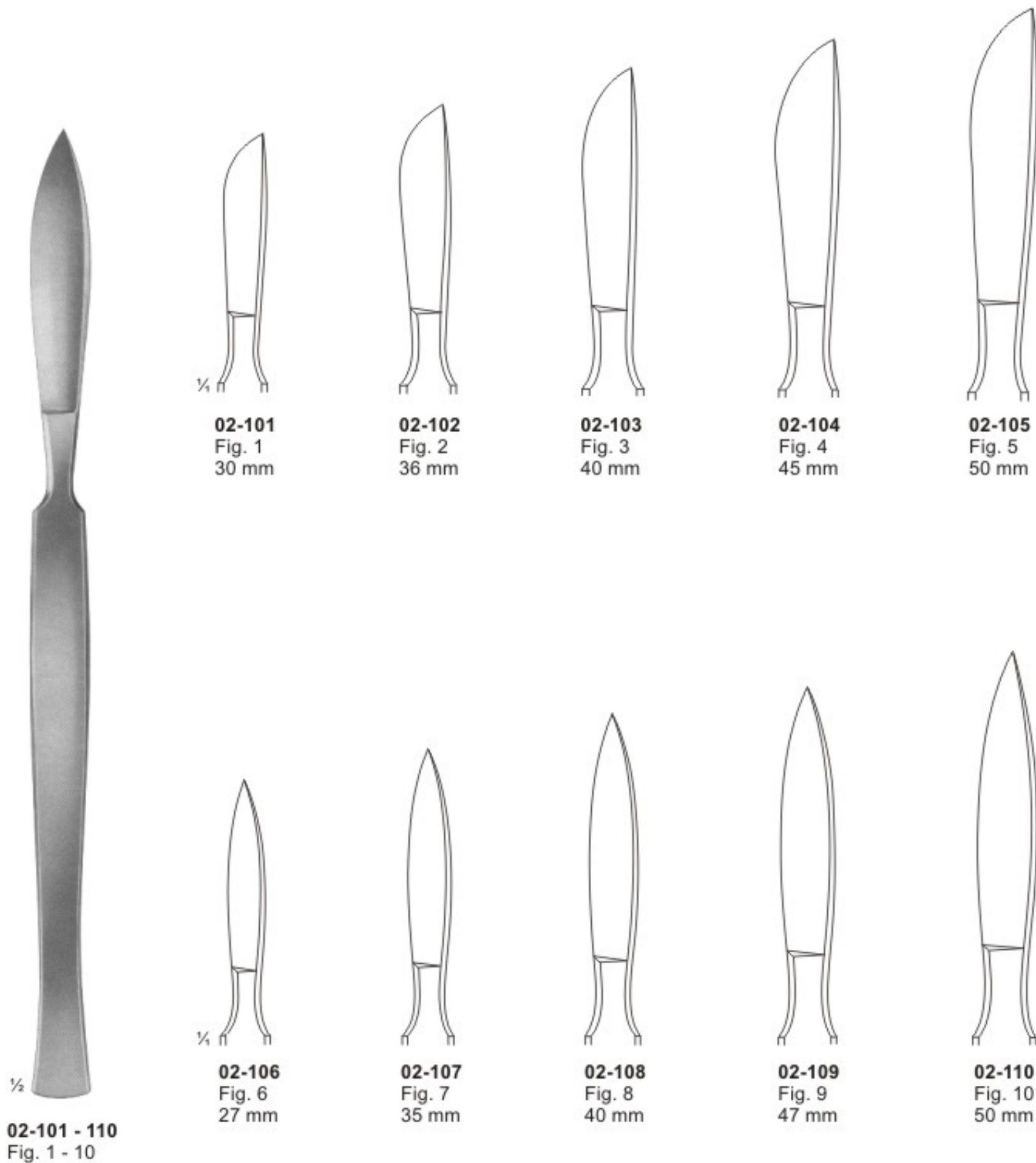
Fig. 1 Working Length, 70 mm (Children's)  
Fig. 2 Working Length, 90 mm (Adolescent's)  
Fig. 3 Working Length, 110 mm (Women's)  
Fig. 4 Working Length, 135 mm (Men's)



# Scalples, Knives and Scalple Handles



## Dissecting Knives Anatomische Skalpelle



## Amputating Knives, Cartilage Knives and Autopsy Knives Amputationsmesser, Knorpelmesser und Seziermesser



**LISTON**  
**02-111**  
Size: 130 mm  
**02-112**  
Size: 160 mm  
**02-113**  
Size: 190 mm  
**02-114**  
Size: 200 mm

Blade length  
Amputating Knives

**02-115**  
**CATLIN**  
Size: 160 mm  
Blade length  
Amputating  
Knives

**02-116**  
**LANGENBECK**  
Size: 120 mm  
Blade length  
Flap Knives

**02-117**  
Size: 110 mm  
Blade length  
Interosseous  
Knives

**02-118**  
Size: 55 mm  
Blade length  
with raspatory,  
Wooden handle

**02-119**  
Size: 70 mm  
Blade length  
Wooden handle

**02-120**  
Size: 80 mm  
Blade length  
Metal handle

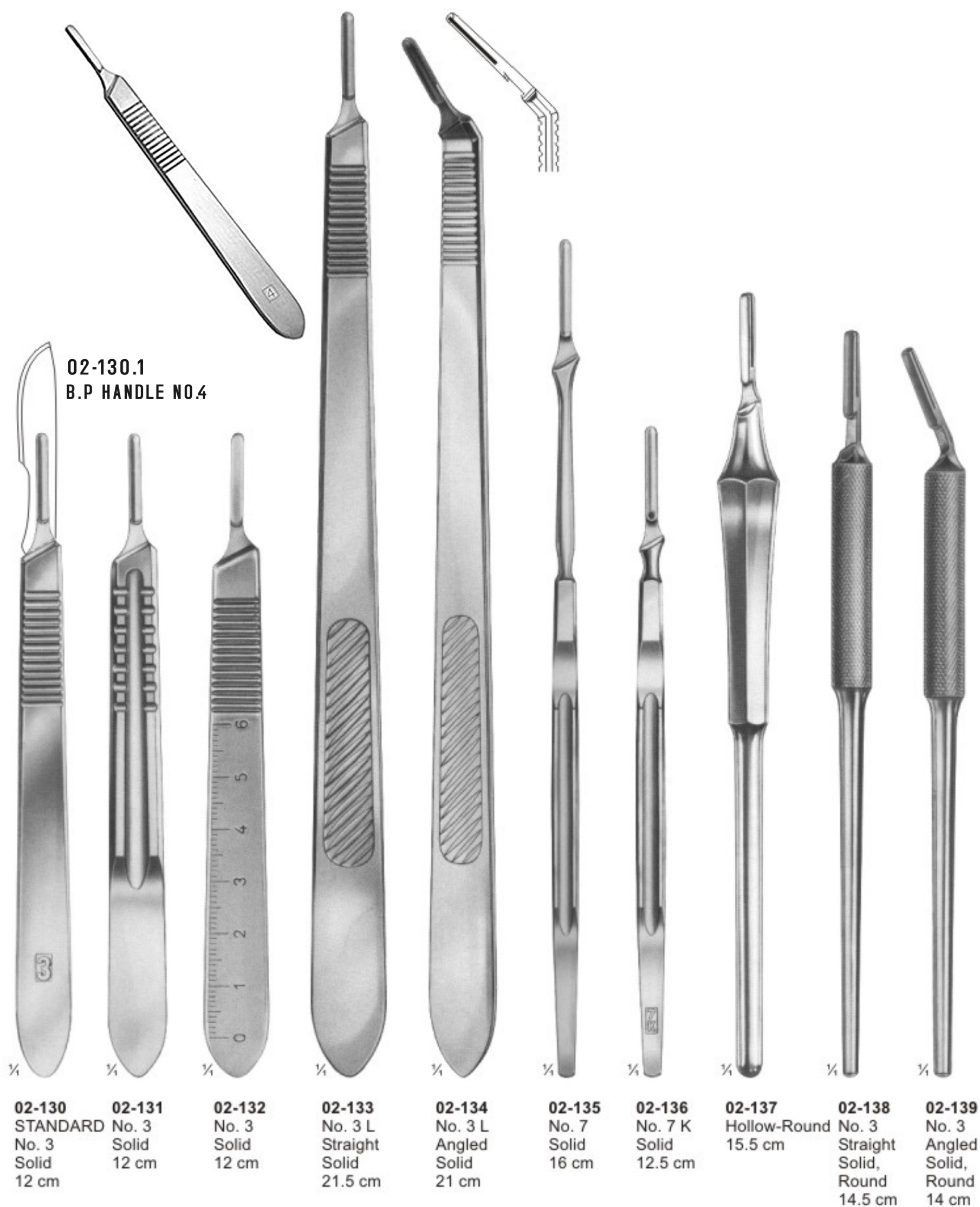
**02-121**  
Size: 195 mm  
Blade length  
Metal handle



## Cone Knives, Myomatome, Trigeminal and Tonsil Knives Konisationsmesser, Myommesser, Trigeminus und Tonsillenmesser



## Scalpel Handles Skalpellgriffe

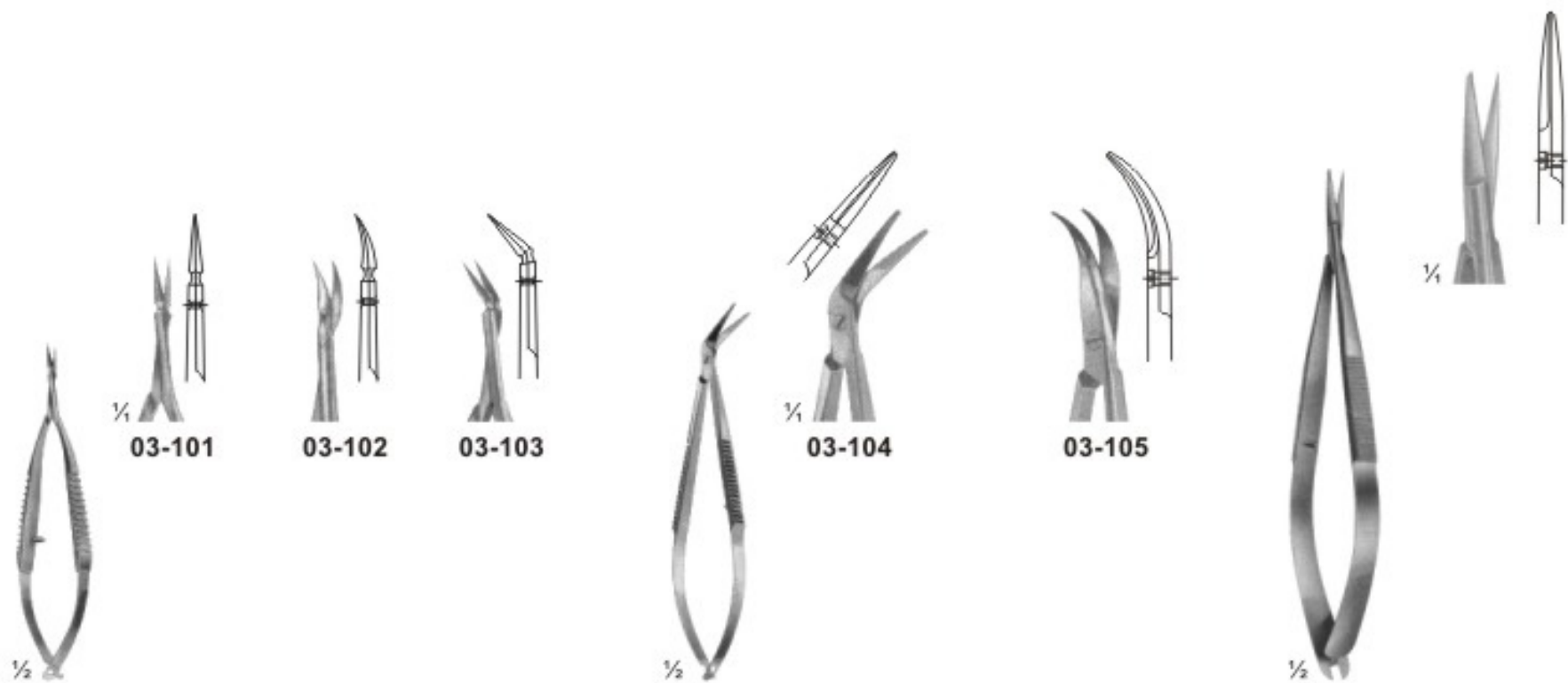


# Surgical Scissors





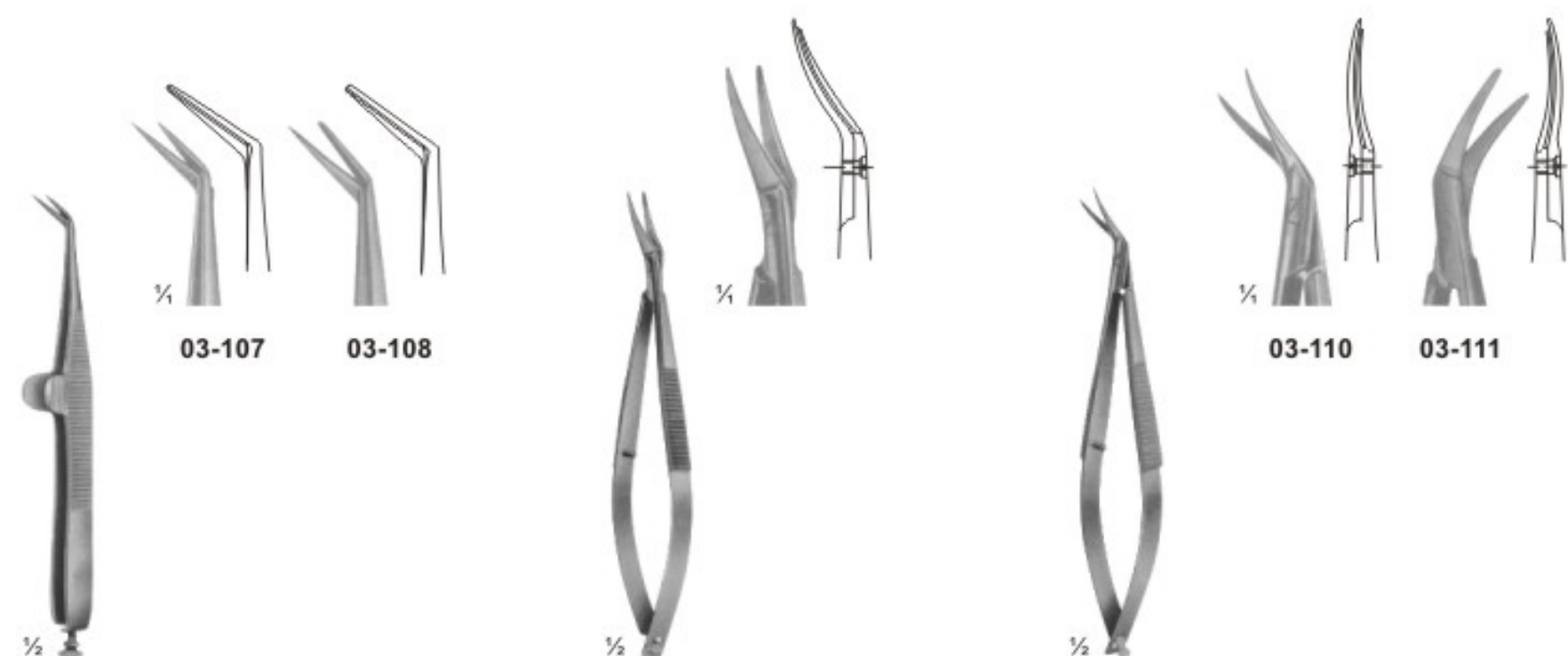
## Micro Scissors (Spring Type) with Flat Handles Mikro-Federschere mit Flachgriffen



**03-101 - 103**  
VANNAS  
Size: 85 mm

**03-104 - 105**  
CASTROVIEJO  
Size: 95 mm

**03-106**  
NOYES  
Size: 125 mm

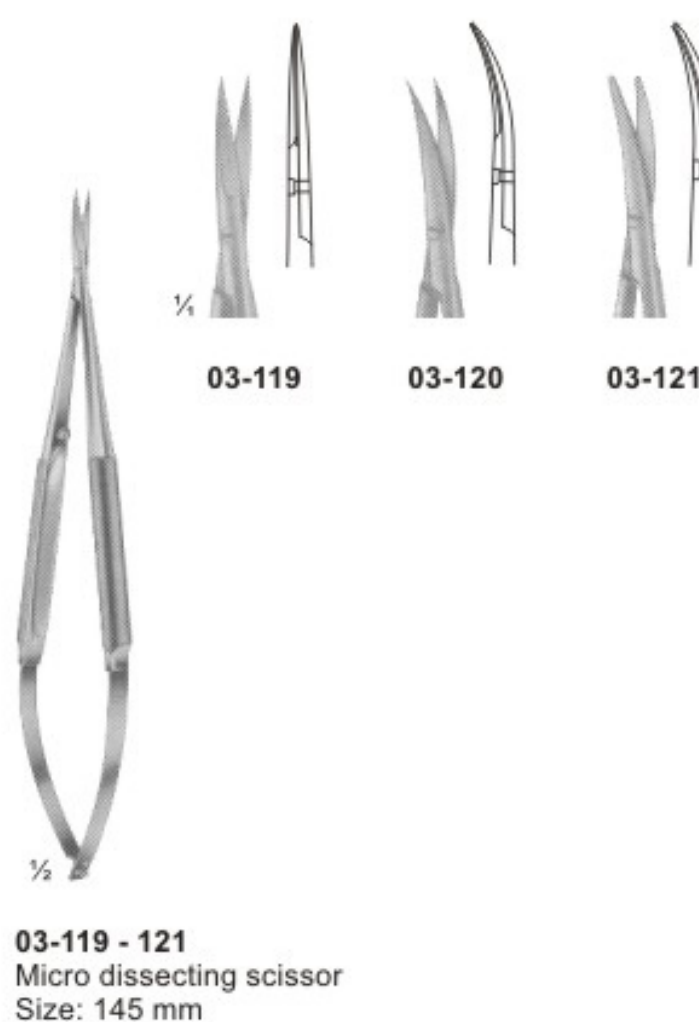
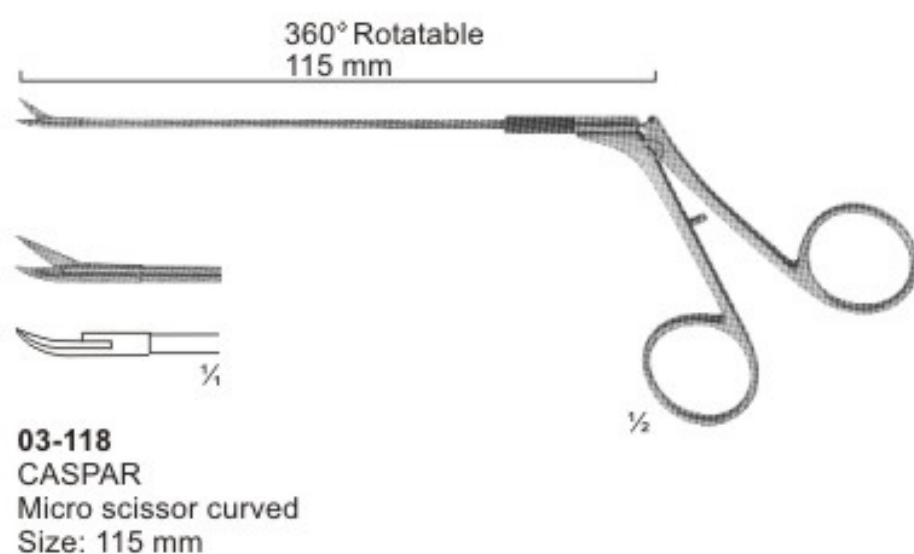
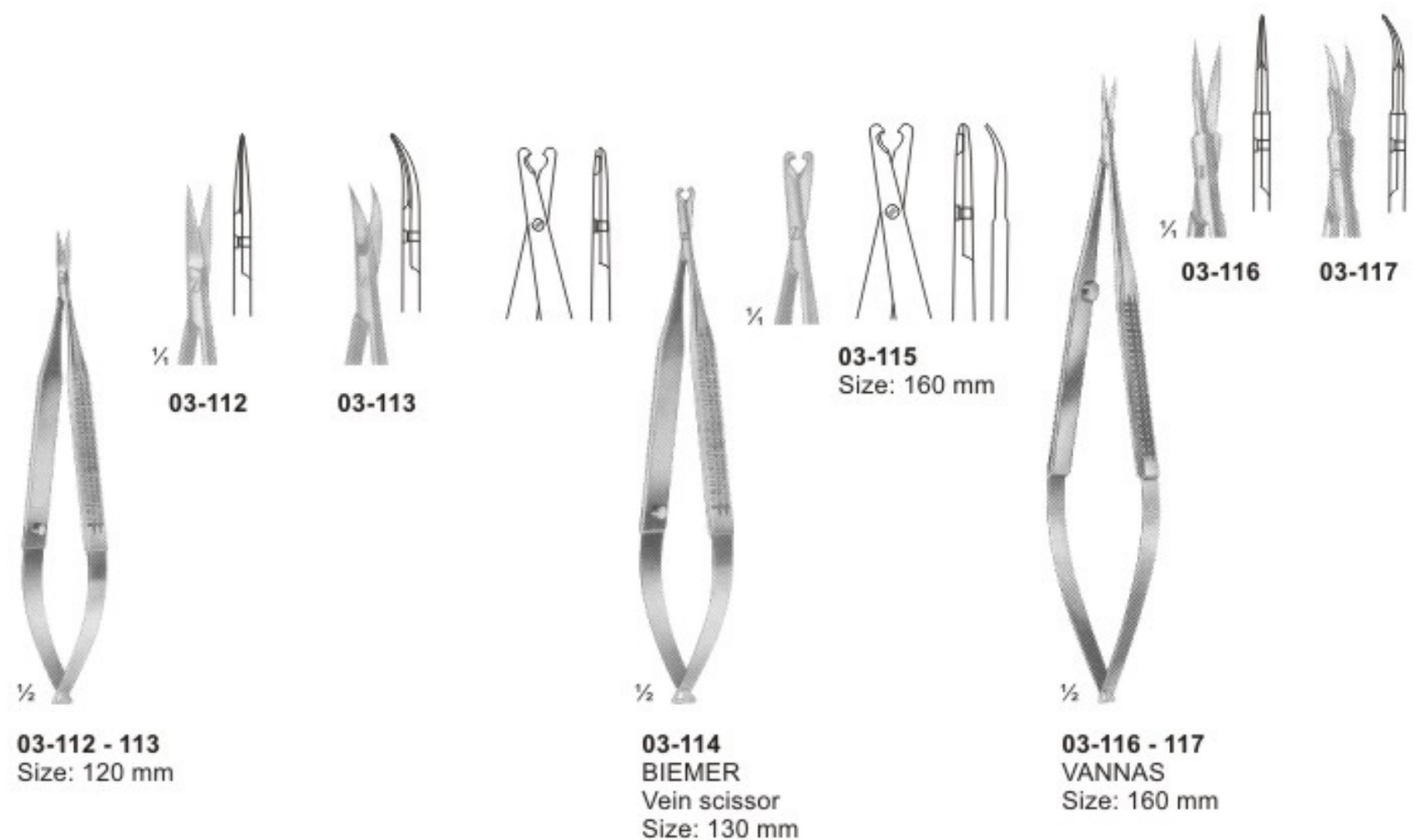


**03-107 - 108**  
WECKER  
Eye scissor  
Size: 110 mm

**03-109**  
CASTROVIEJO  
Eye scissor  
Size: 115 mm

**03-110 - 111**  
CASTROVIEJO  
Eye scissor  
Size: 110 mm

## Micro Scissors (Spring Type) with Flat Handles Mikro-Federschere mit Flachgriffen



## Micro Scissors (Spring Type) bayonet-Shaped Mikro-Federschere, bajonettformig



**03-122**  
YASARGIL  
Size: 245 mm



**03-123**  
45°



**03-124**  
45°



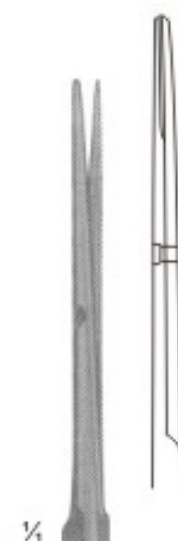
**03-123 - 124**  
laterally angled  
Size: 200 mm



**125°**



**03-126**  
laterally angled  
Size: 130 mm



**03-126**



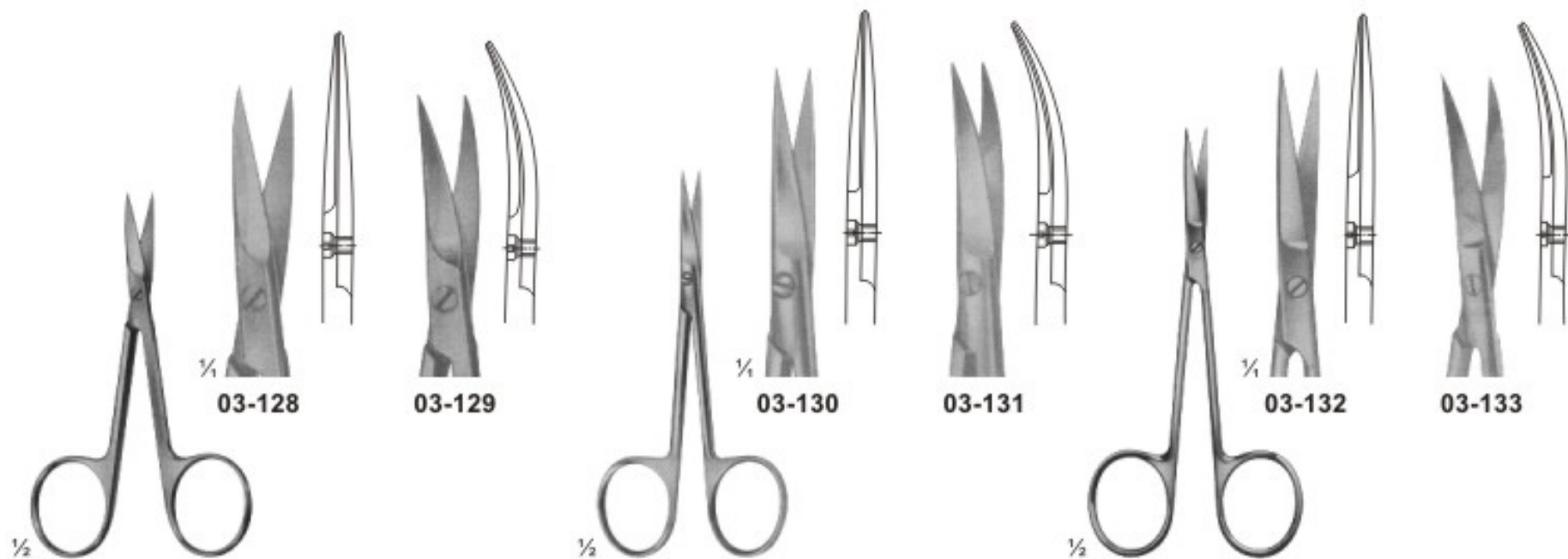
**03-127**



**03-126 - 127**  
YASARGIL  
Size: 325 mm



## Delicate Scissors Feine Scheren



**03-128 - 129**  
Size: 90 mm

**03-130 - 131**  
Size: 95 mm

**03-132 - 133**  
Size: 105 mm



**03-134 - 135**  
Size: 120 mm

**03-136 - 137**  
Size: 115 mm

## Delicate Scissors Feine Scheren



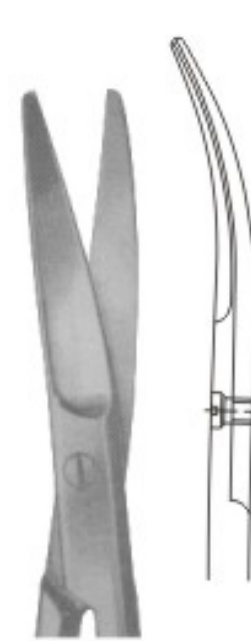
**03-138 - 140**  
Size: 120 mm



**03-138**



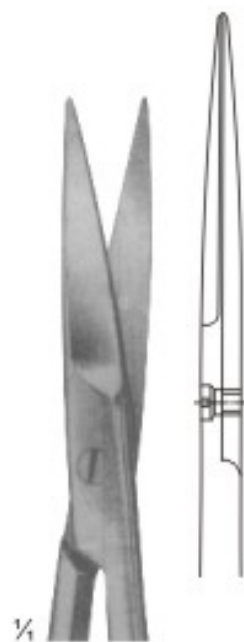
**03-139**



**03-140**



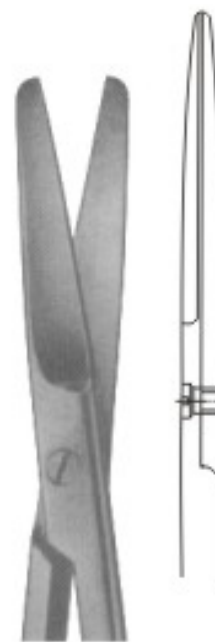
**03-141 - 144**  
Size: 130 mm



**03-141**



**03-142**

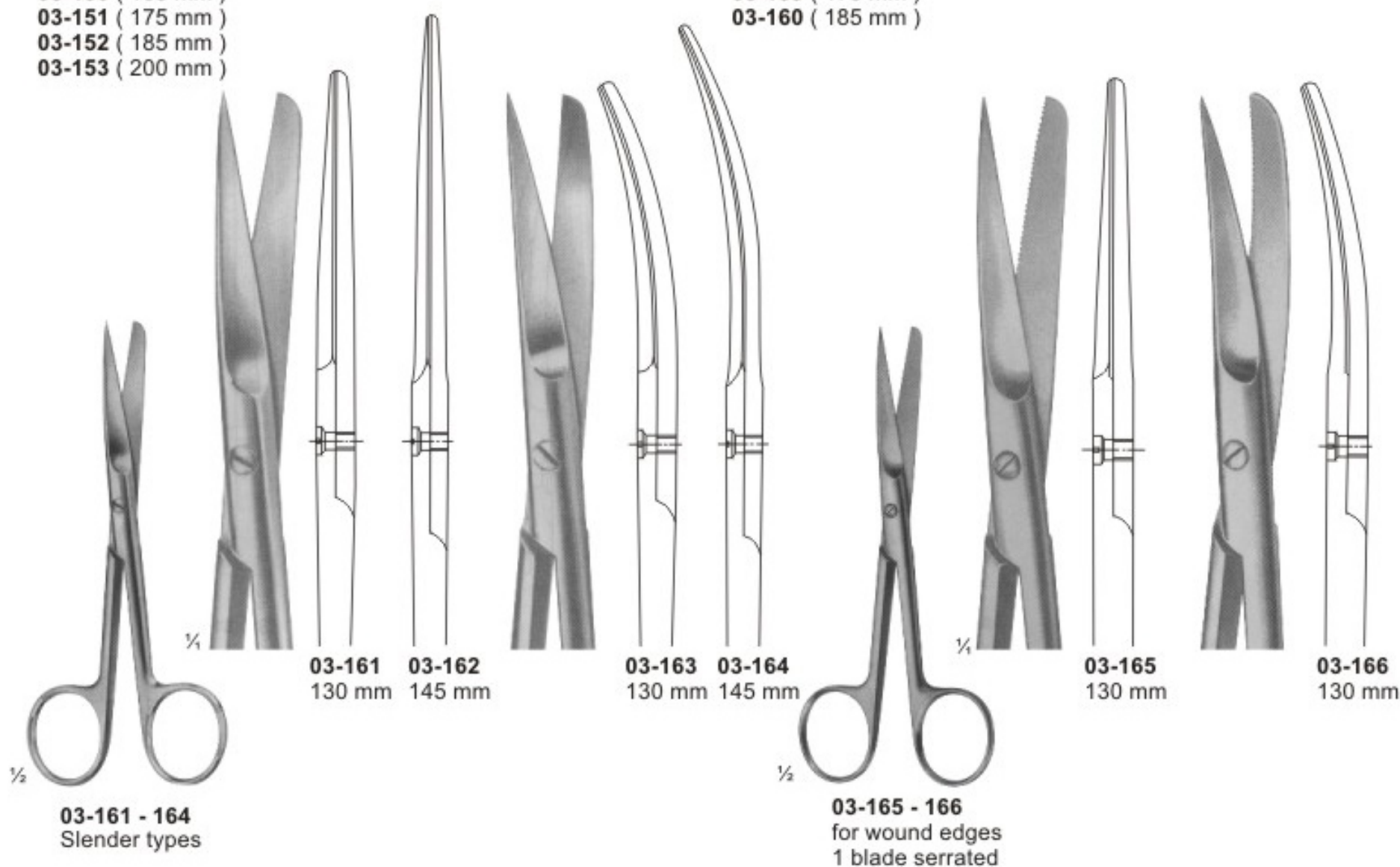
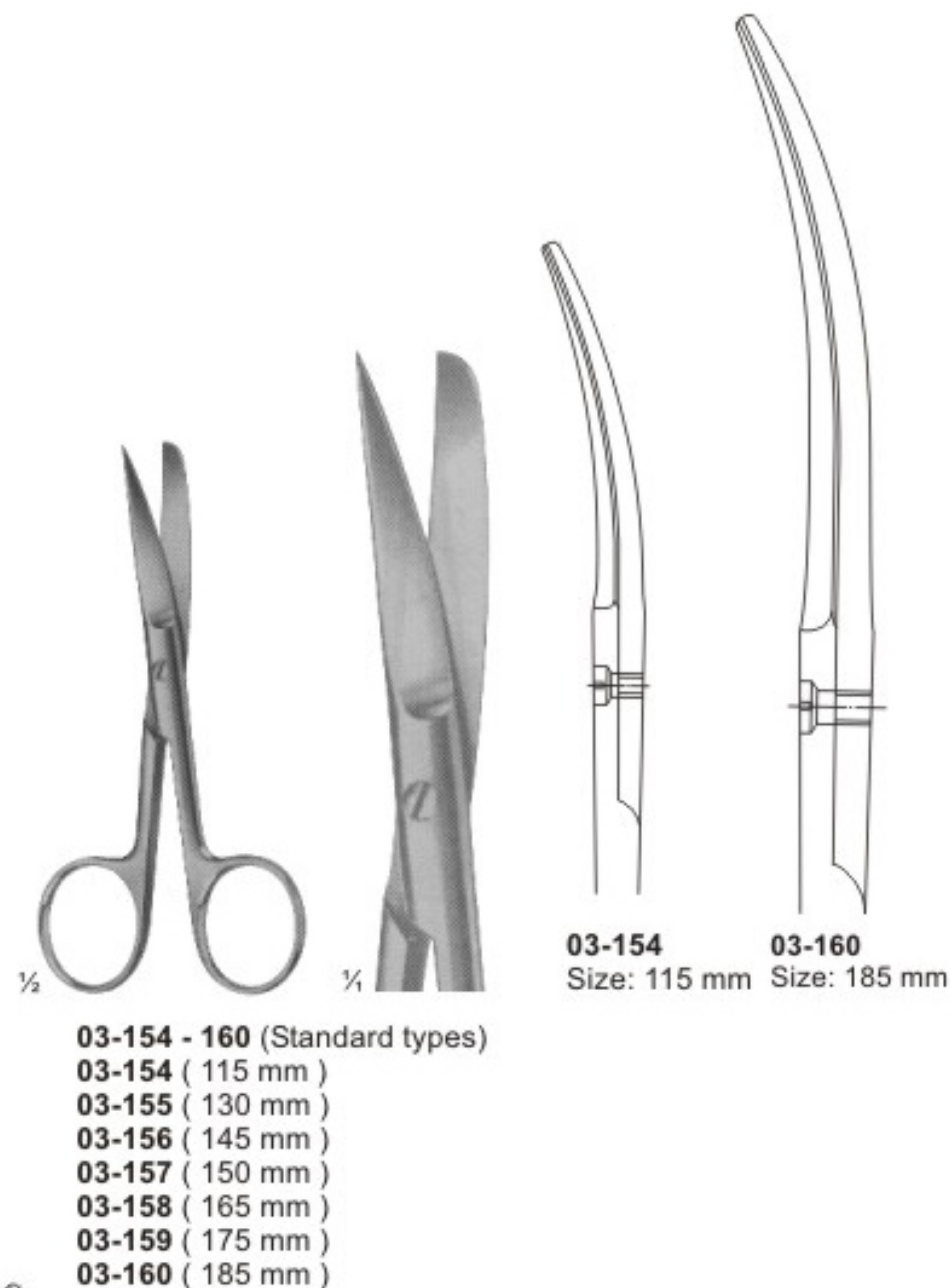
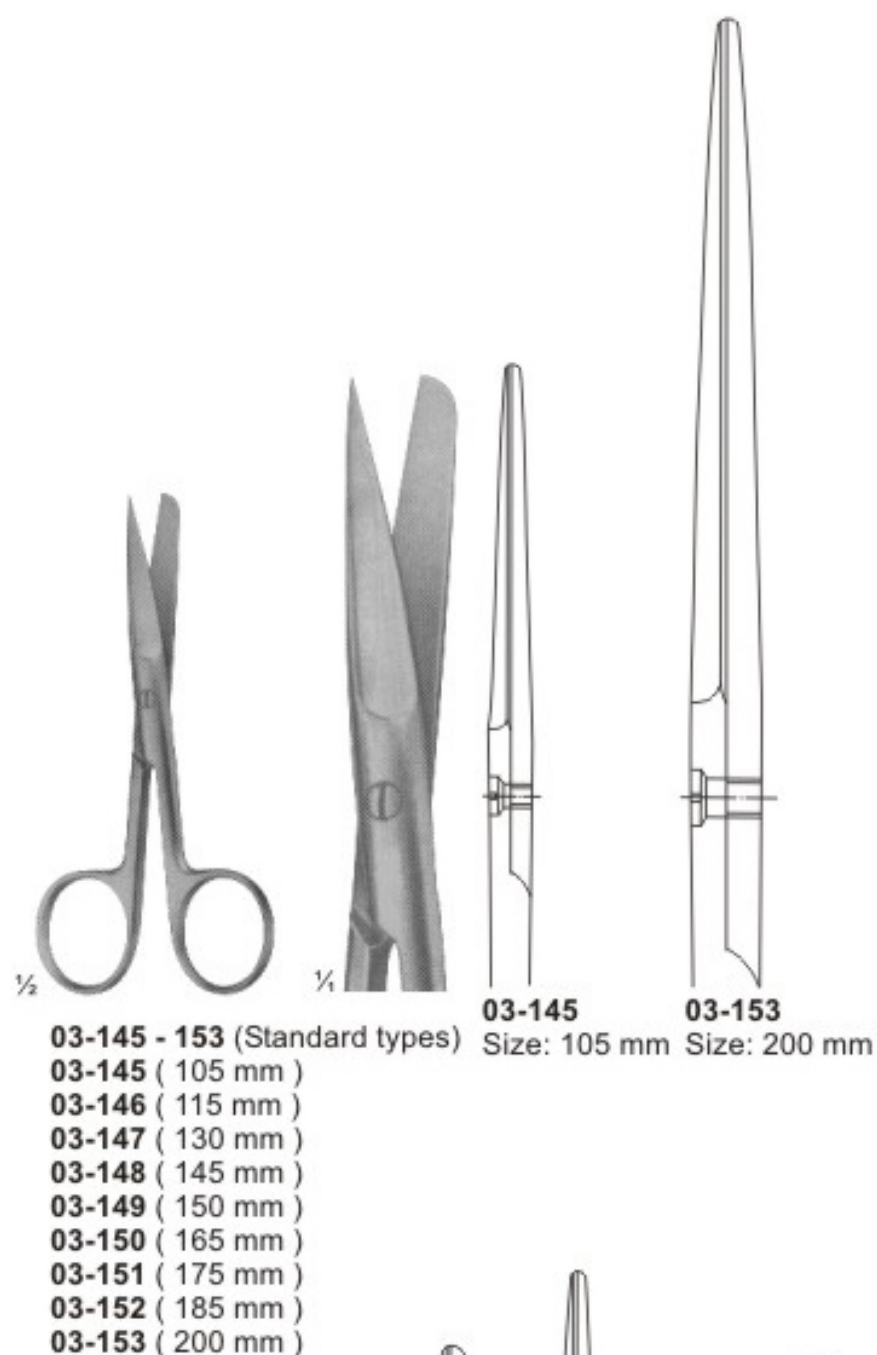


**03-143**



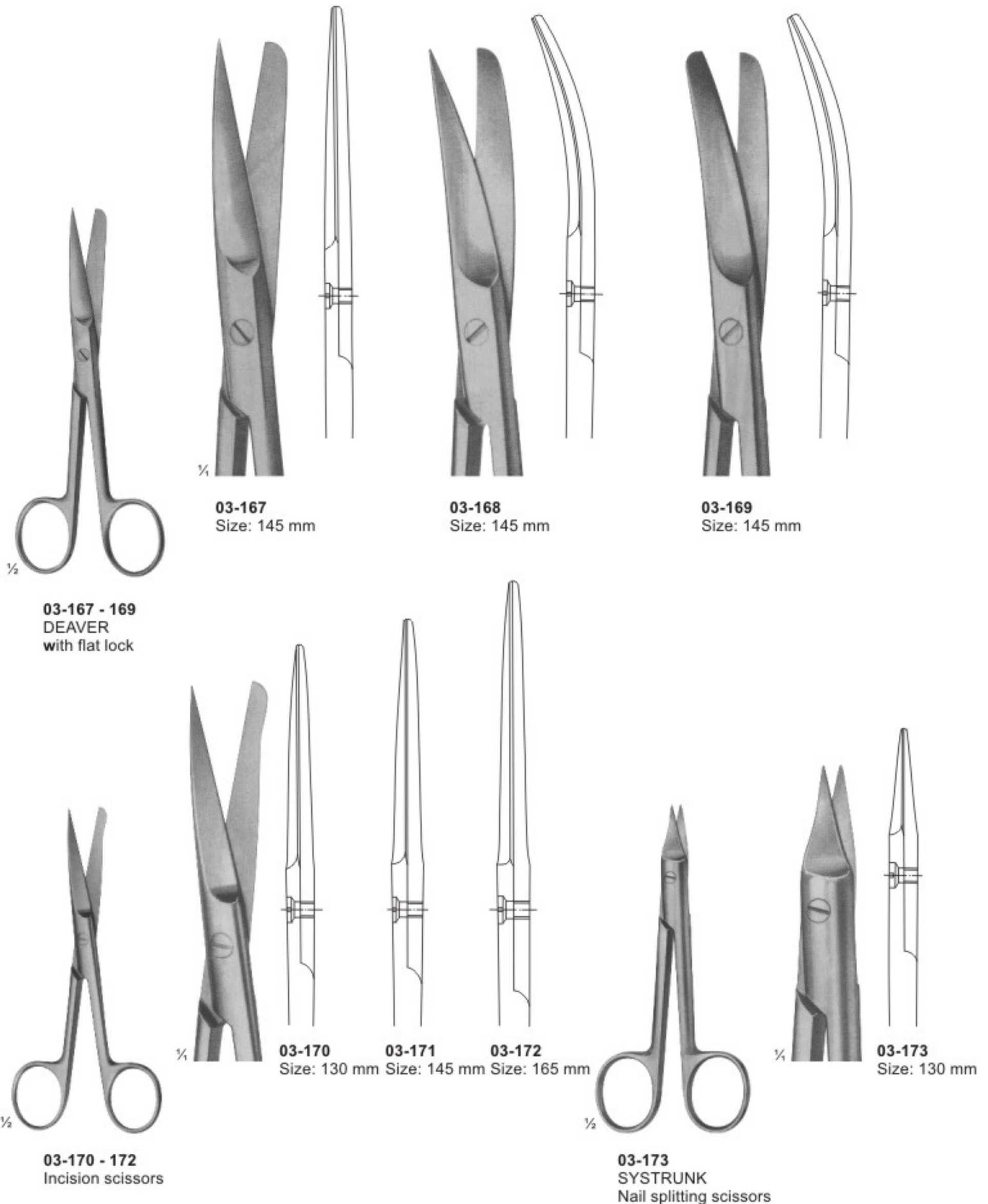
**03-144**

## Surgical Scissors Chirurgische Scheren

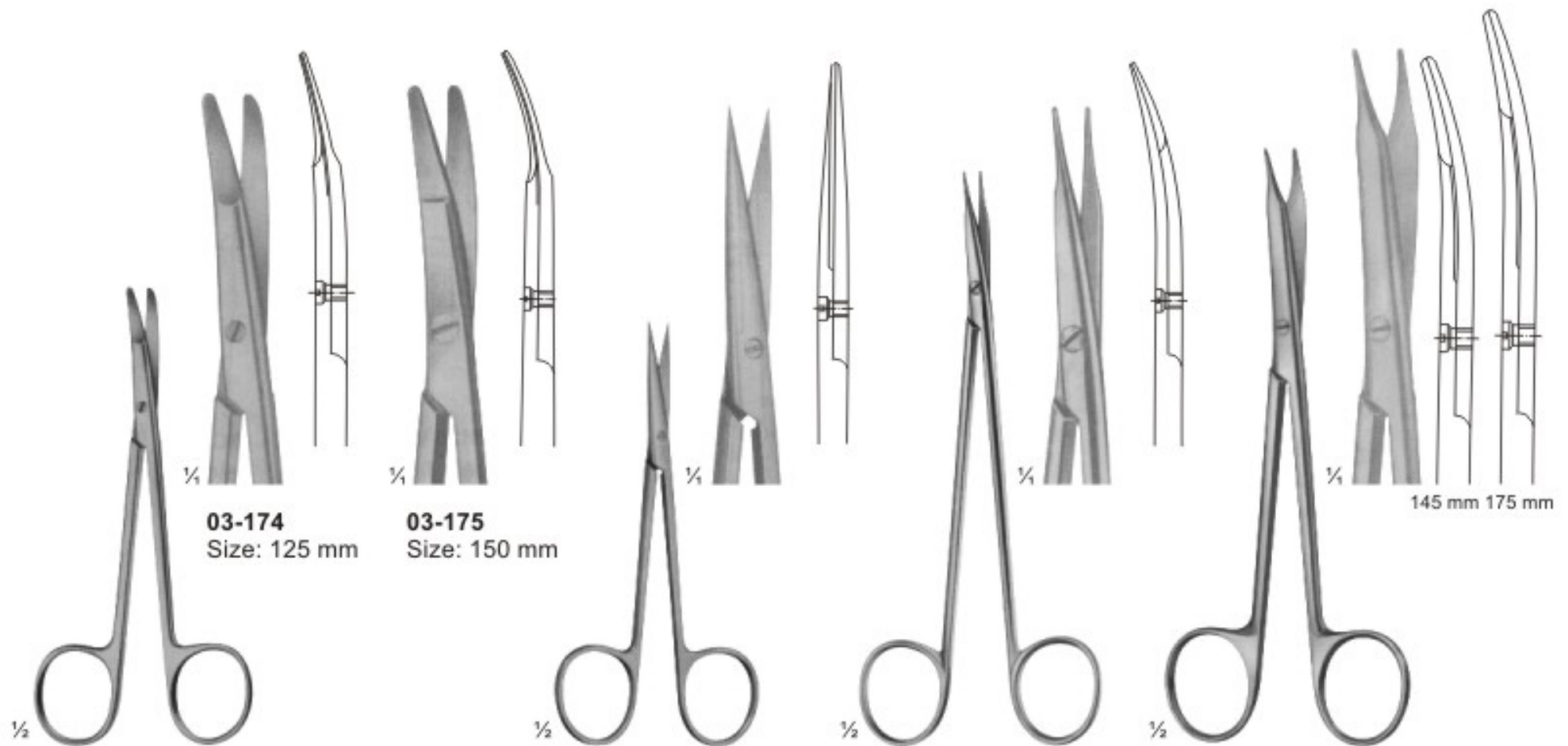




## Surgical Scissors Chirurgische Scheren



## Dissecting Scissors Praparierscheren

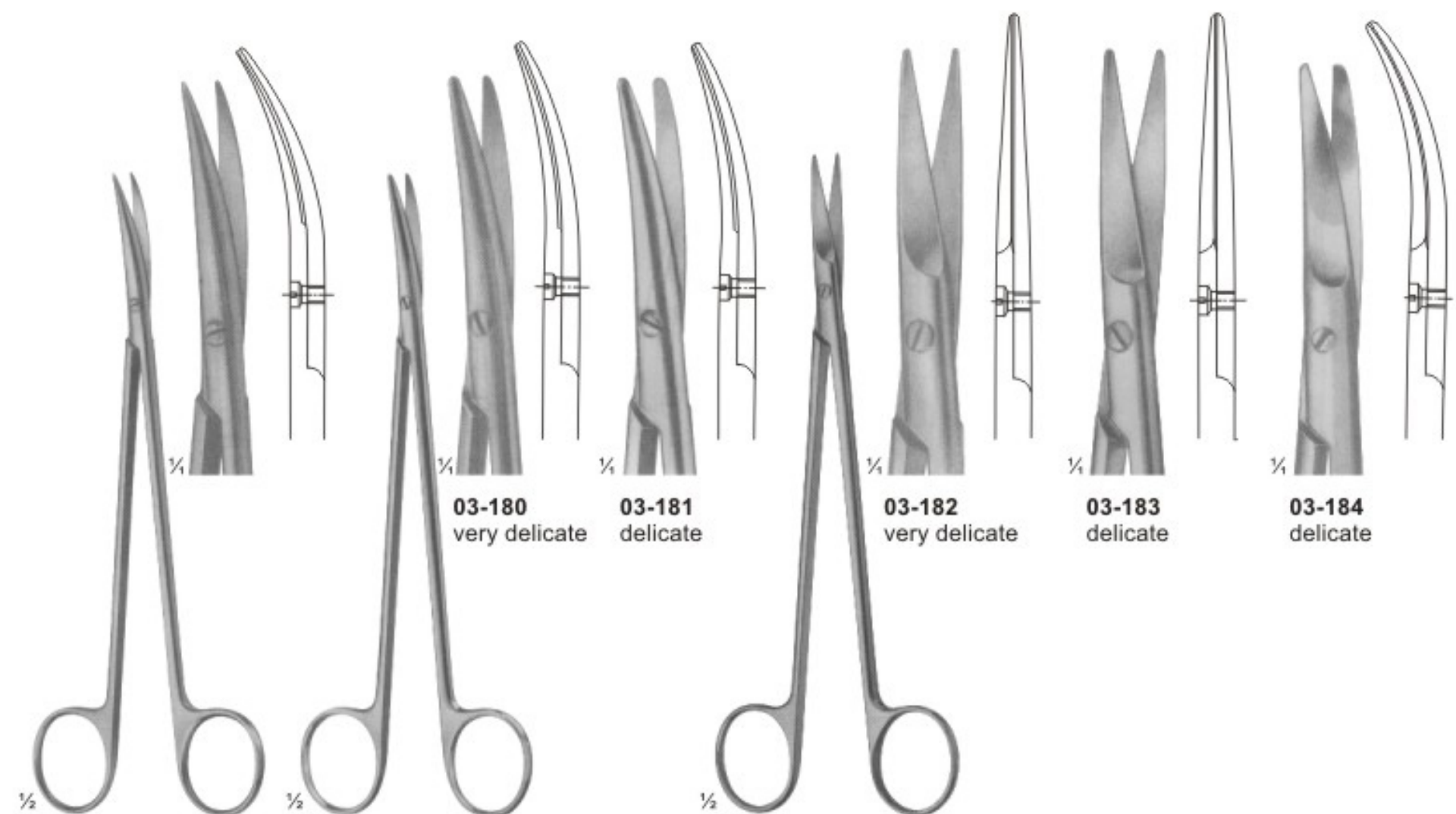


**03-174 - 175**  
KILNER  
Special flat points for dissecting  
and undermining the skin

**03-176**  
KILNER  
Fine dissecting scissors  
Size: 115 mm

**03-177**  
JAMESON  
Dissecting scissors  
Size: 150 mm

**03-178**  
REYNOLDS  
Dissecting scissors  
Size: 145 - 175 mm



**03-179**  
DE BAKEY  
Arteriotomy scissors  
Size: 175 mm

**03-180 - 181**  
TOENNIS ADSON  
Dissecting scissors  
Size: 175 mm

**03-182 - 184**  
TOENNIS  
Dissecting scissors  
Size: 180 mm

# Bio Medical Instruments

Manufacture & Exporter of Surgical And Dental Instruments



**03-185**  
**IRIS & LIGATUR**  
**SCISSOR STRAIGHT 115MM**



**03-186**  
**LISTER BANDAGE**  
**SCISSOR 145MM**



**03-187**  
**METZENBAUM SCISSORS**  
**STR BLUNT/BLUNT 145MM**



**03-188**  
**BRAUN STADLER EPISIOTOMY**  
**SCISSORS 145MM**

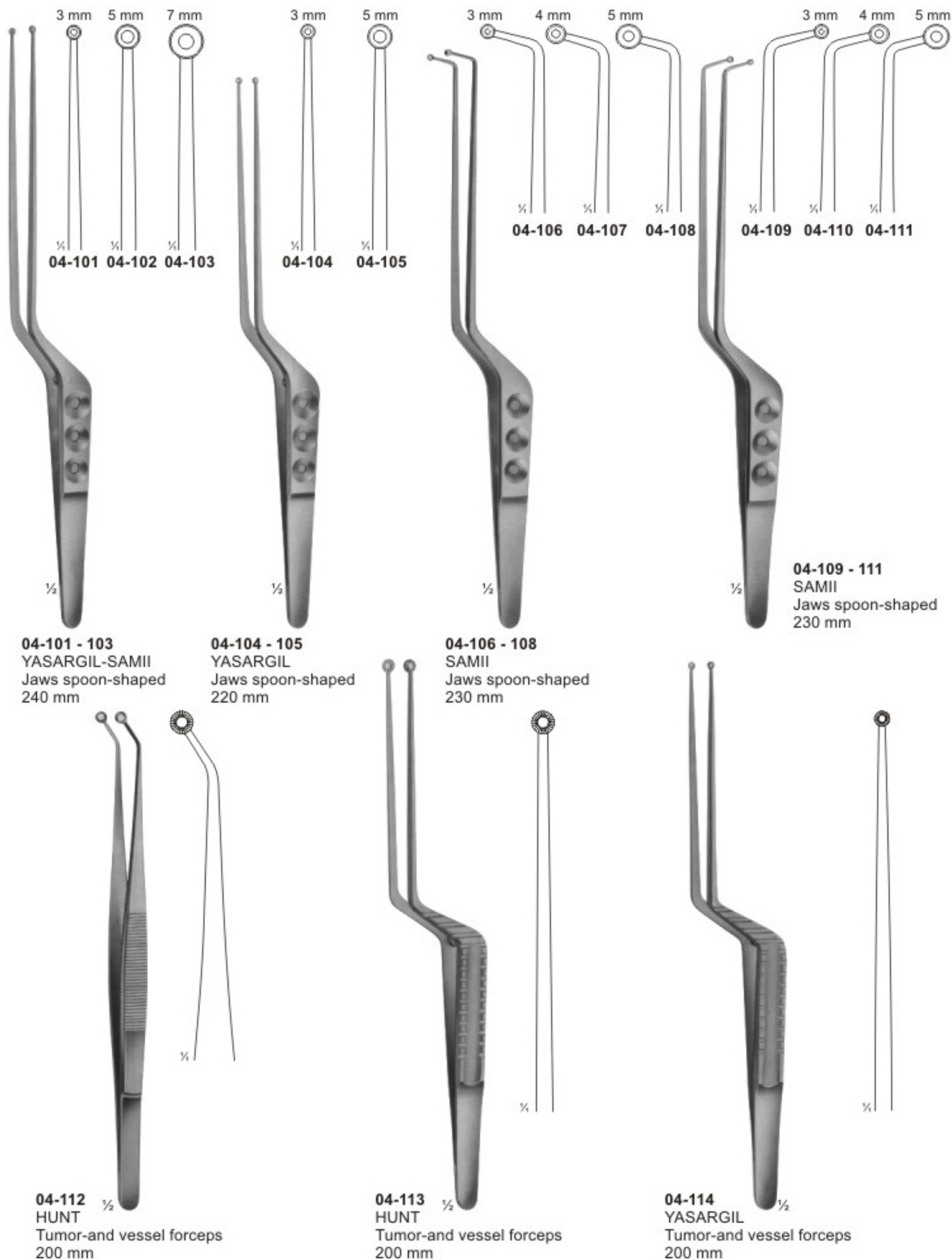


# Dissecting & Tissue Forceps

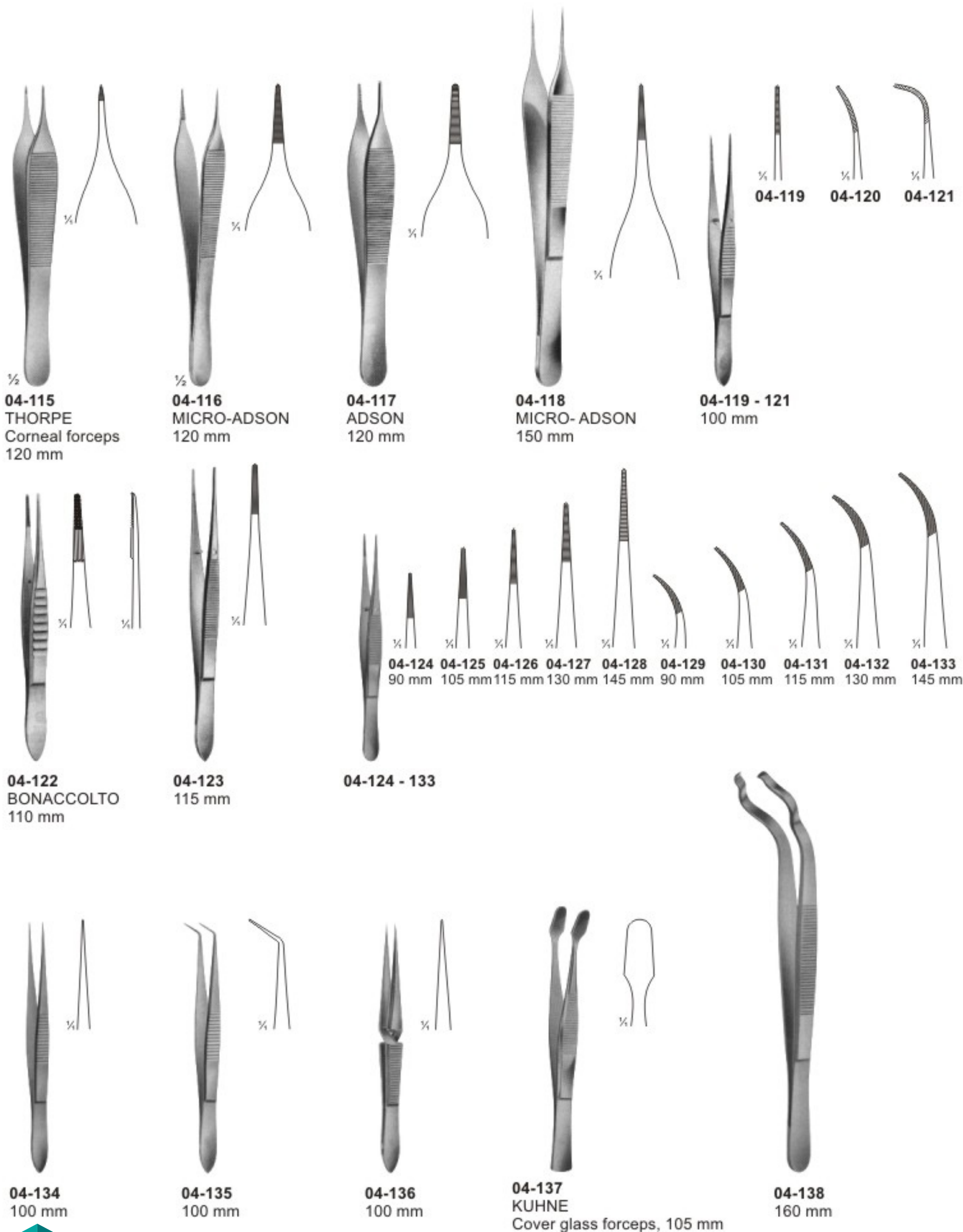


Forceps for grasping tissue, tumors etc.

Pinzetten zum Fassen von Gewebe Tumoren usw.

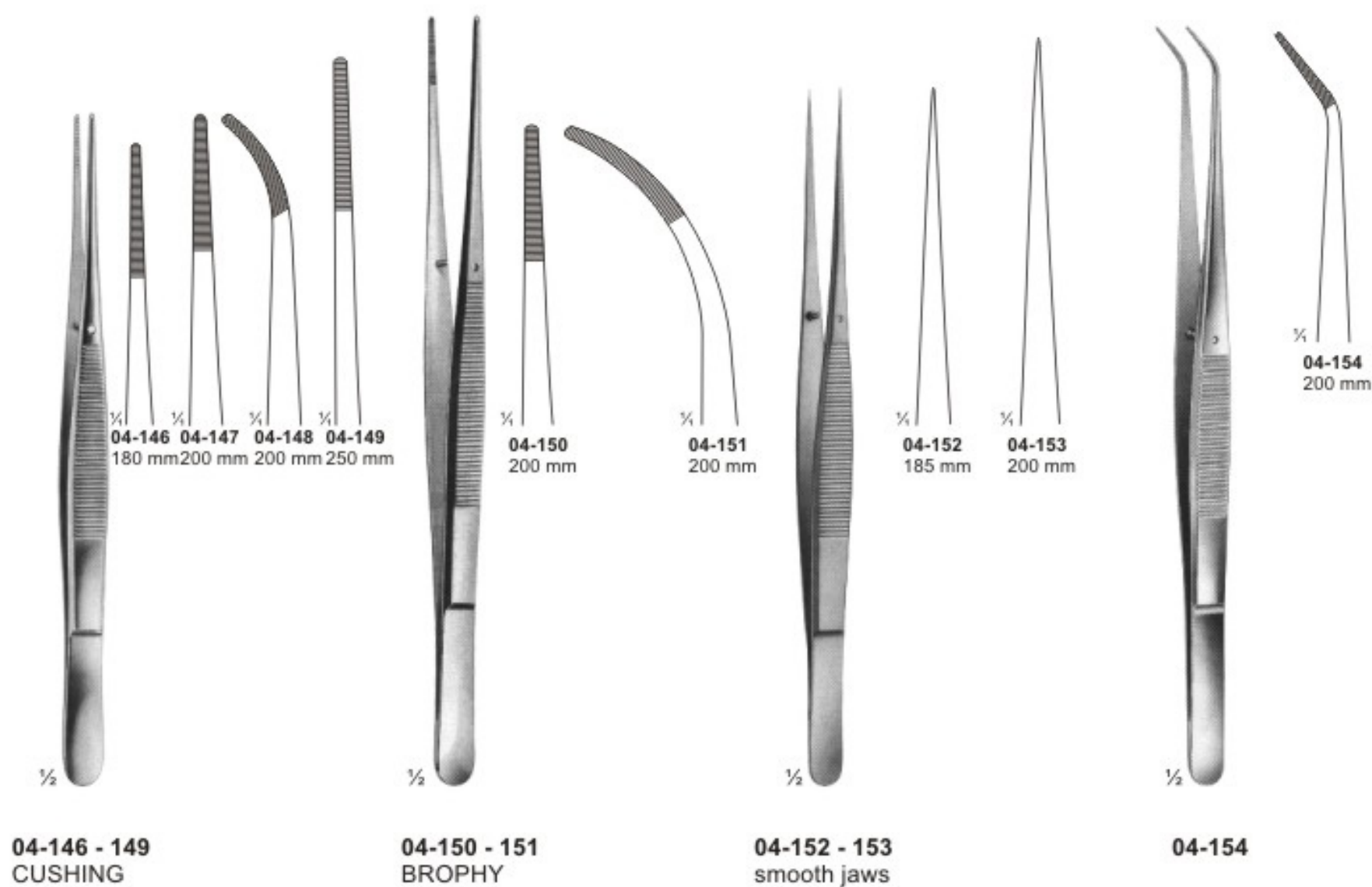
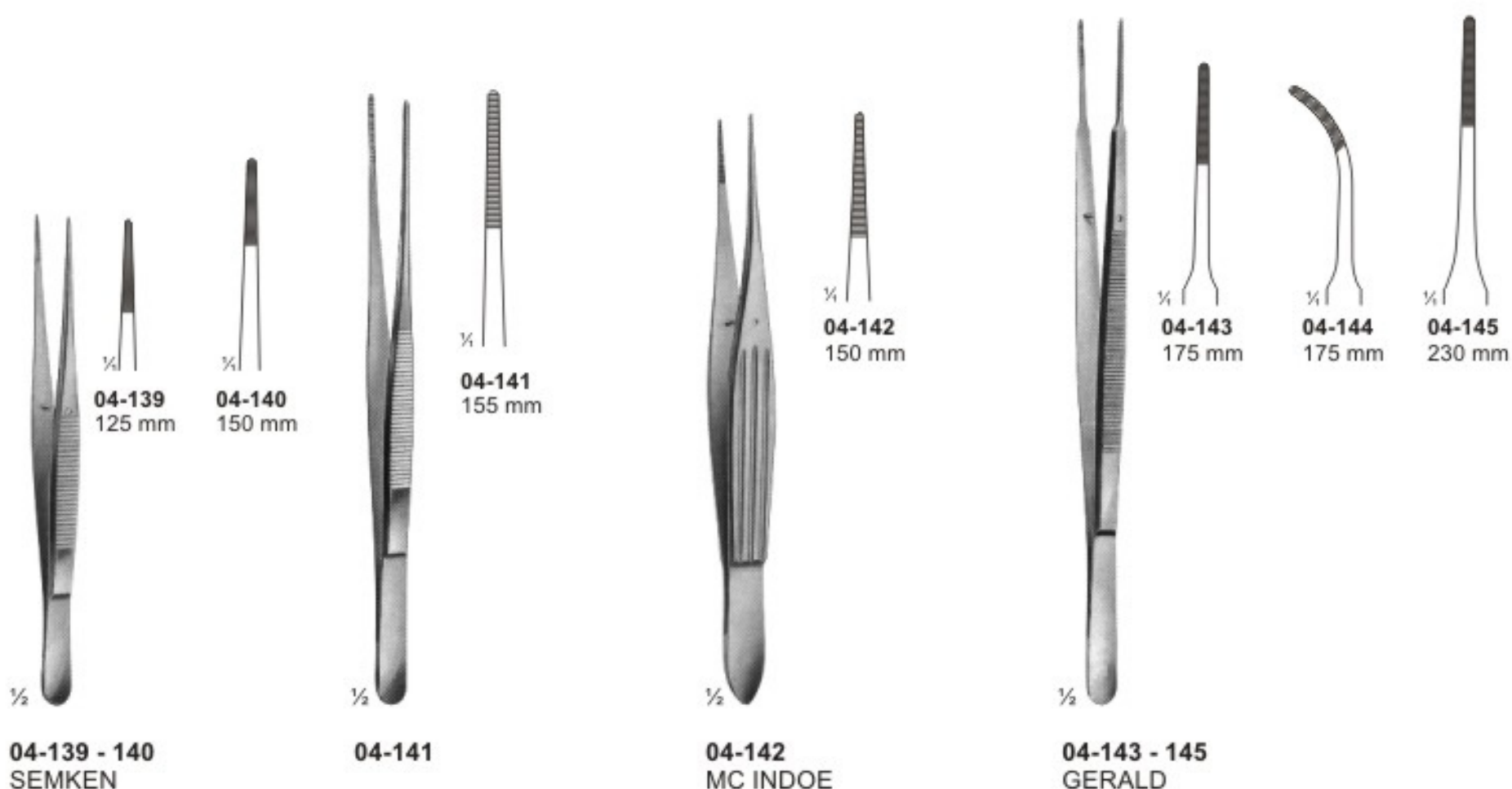


## Delicate Dissecting, Microscopic, Sterilizing Forceps Feine anatomische, Mikroskopier, Sterillisierpinzette

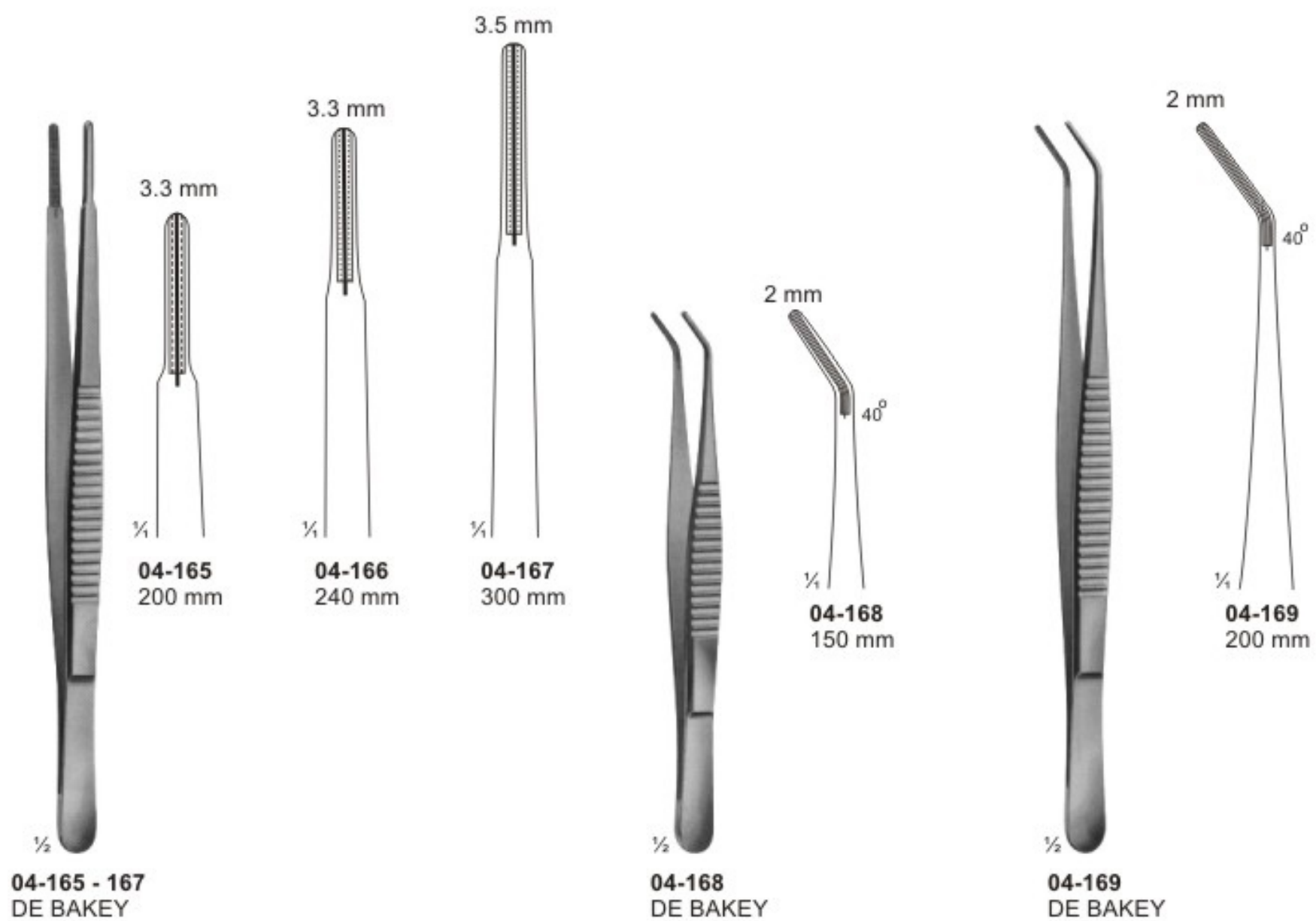
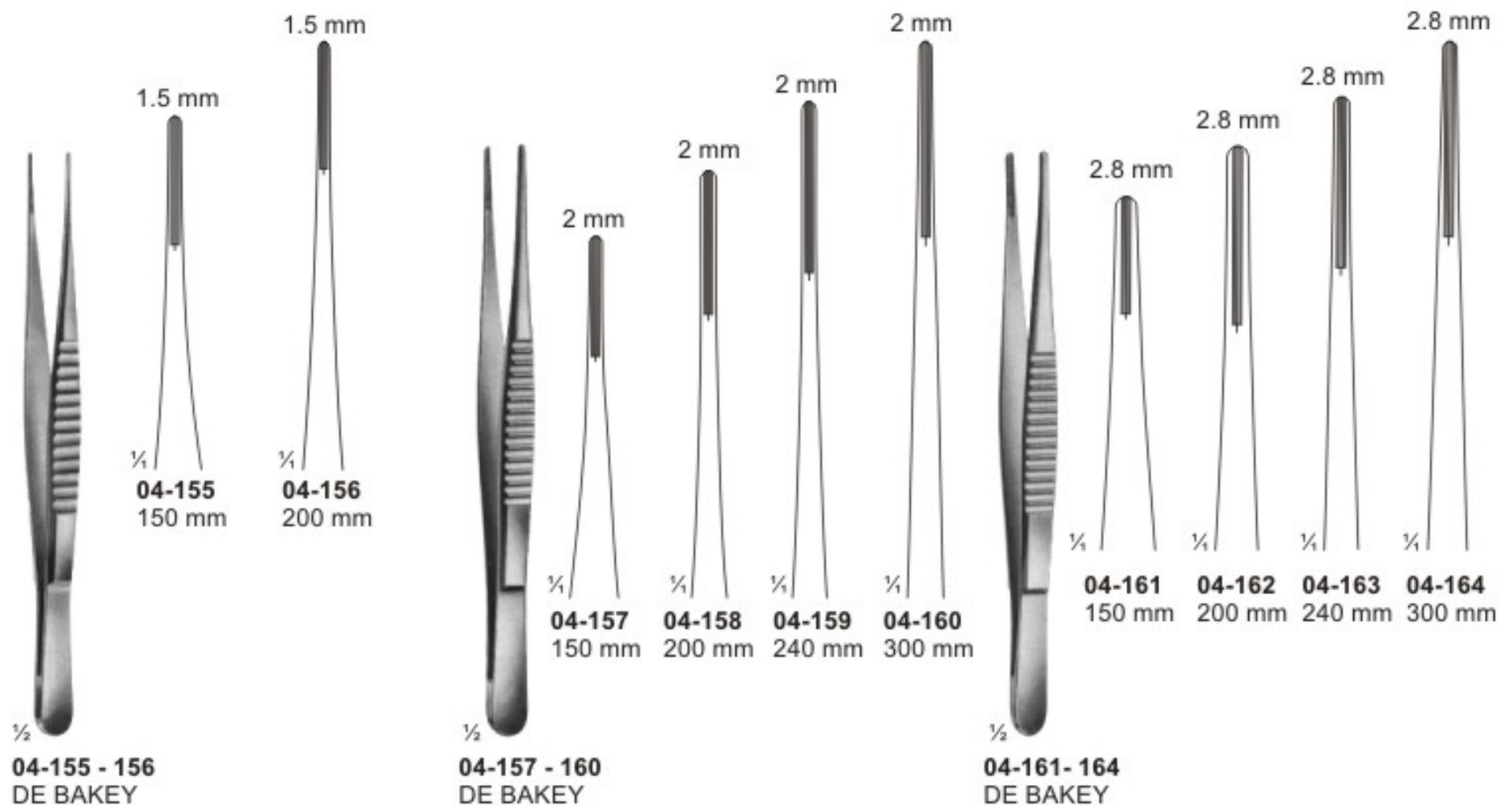




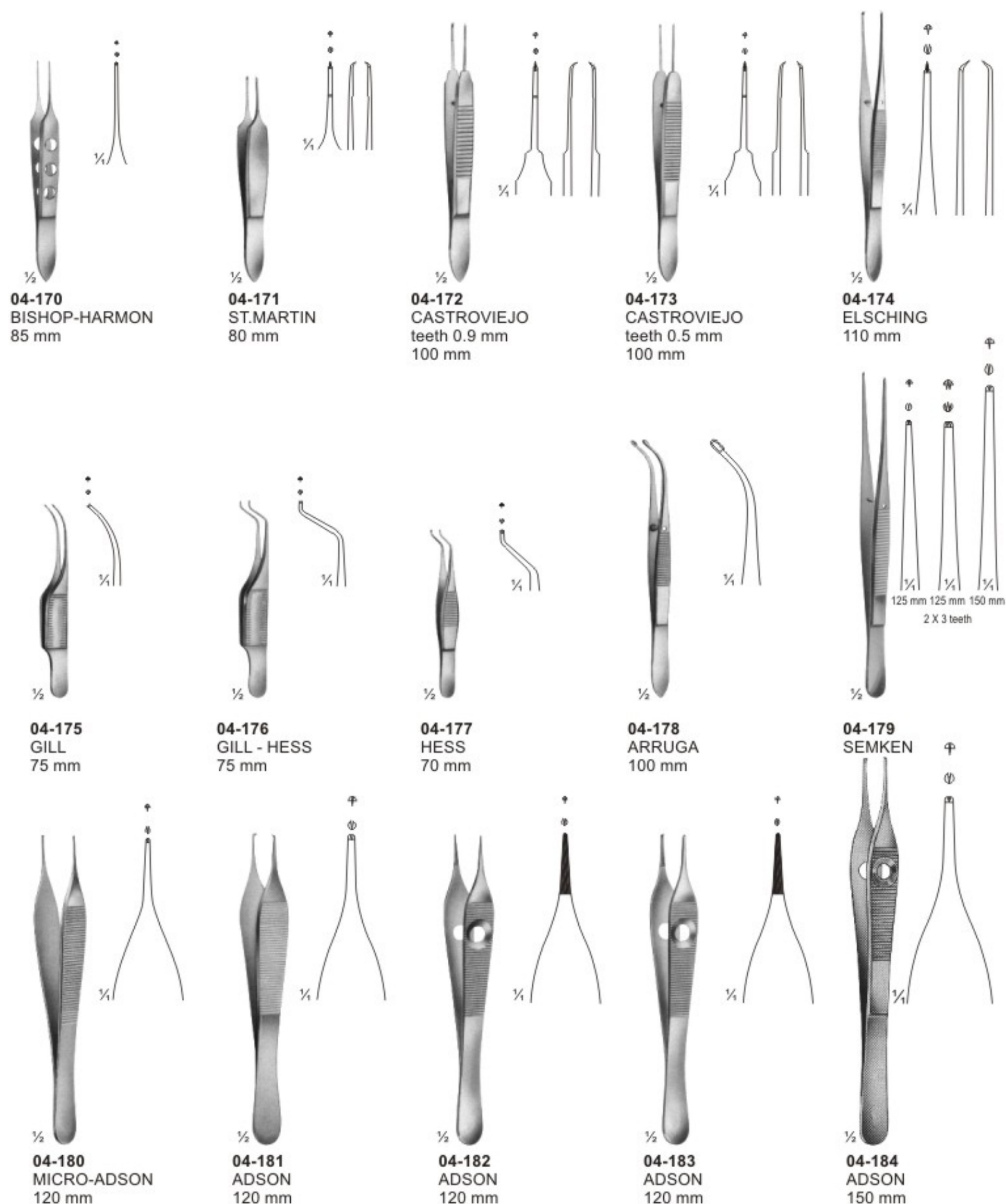
## Delicate Dissecting Forceps Feine anatomische Pinzetten



## Forceps Pinzetten

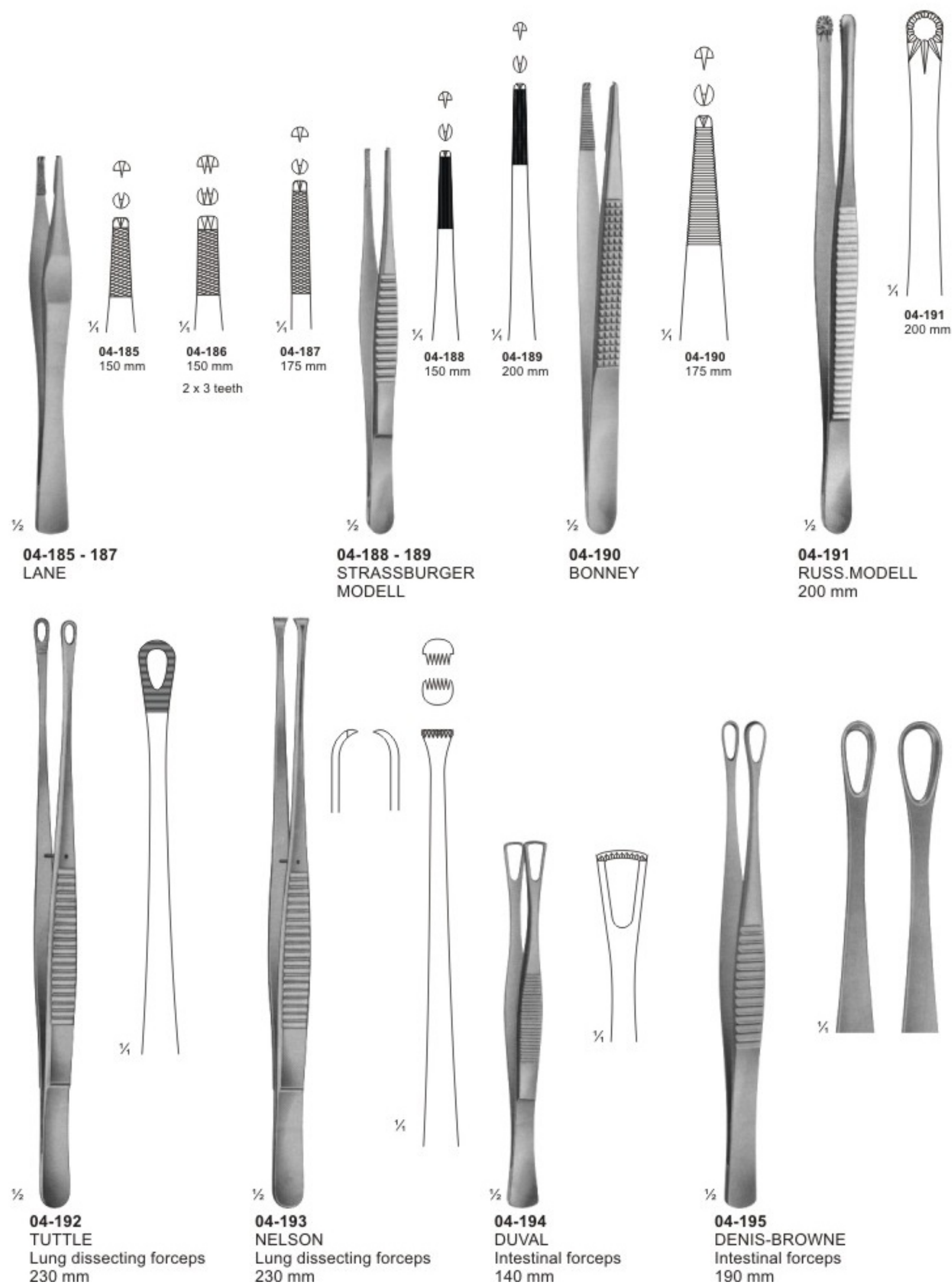


## Delicate Tissue Forceps Feine chirurgische Pinzetten

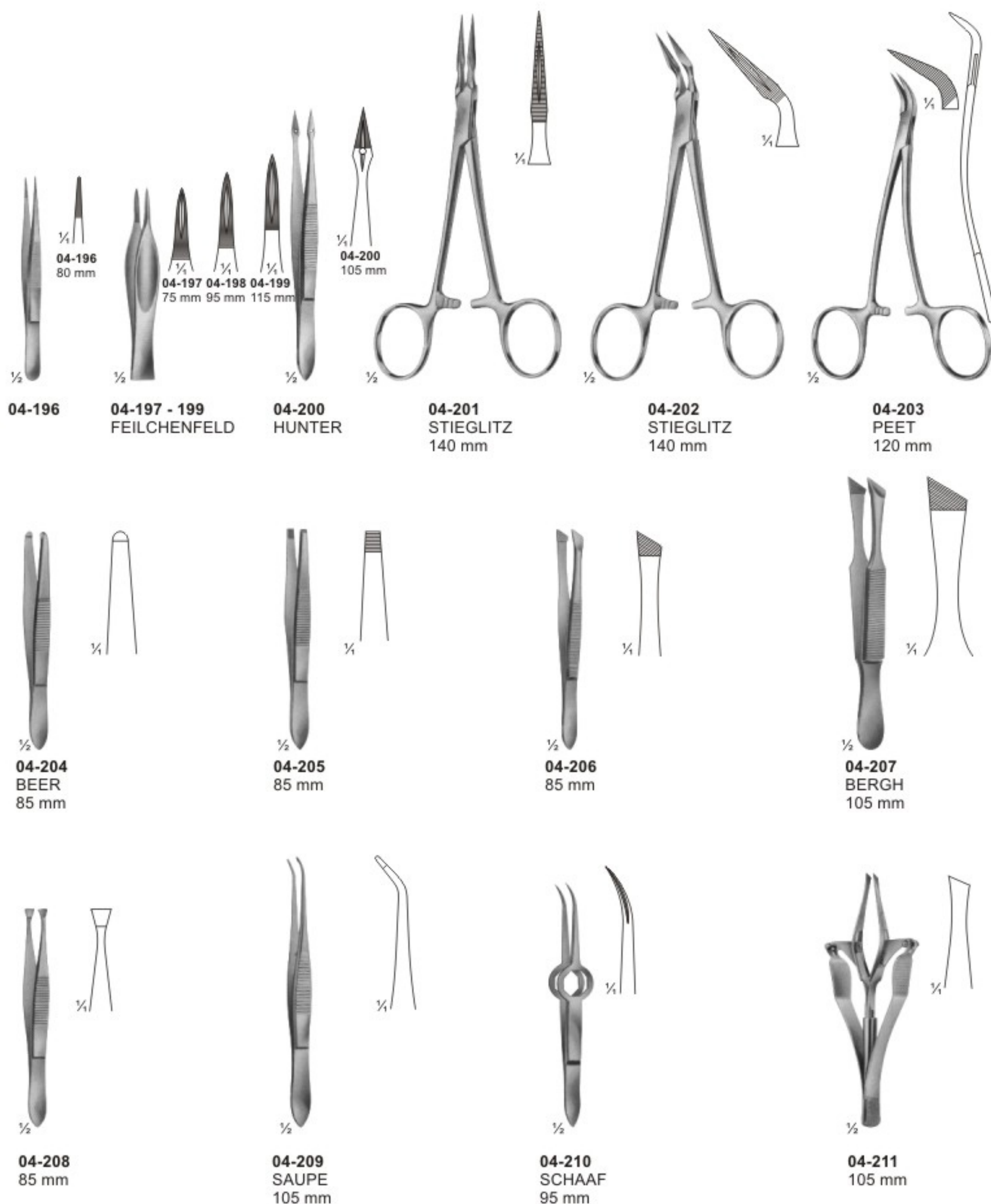




## Tissue Forceps, Lung Dissecting Forceps Chirurgische Pinzetten, Lungenfaßpinzetten



## Splinter and Cilia Forceps Splitter und Clienpinzetten

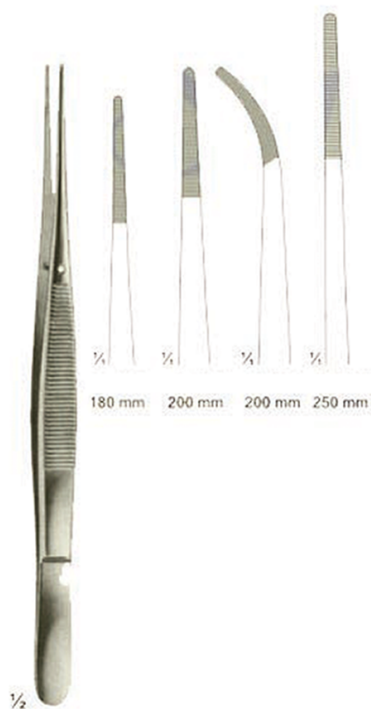


# Bio Medical Instruments

Manufacture & Exporter of Surgical And Dental Instruments



**04-212**  
**KOCHER ARTERY FORCEP**  
**1X2 TEETH STR 145MM**



**04-213**  
**CUSHING DISSECTING**  
**FORCEP 200MM**



**04-214**  
**FEILCHENFELD SPLINTER**  
**FORCEPS 110MM**



**04-215**  
**ADSON DISSECTING**  
**FORCEP 120MM**



**04-216**  
**STANDARD DISSECTING**  
**FORCEP 145MM**



# **Sponge, Dressing & Tissue Grasping Forceps, Towel Clamps**



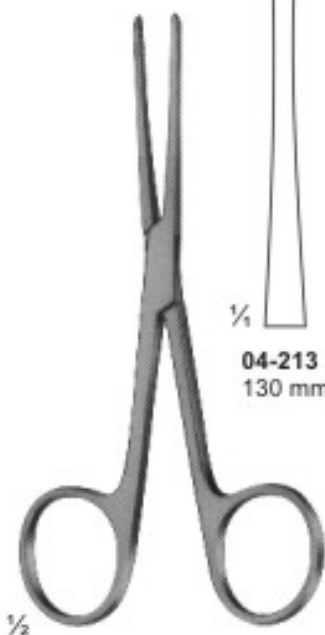
## Sponge and Dressing Forceps Kron und Tupferzangen



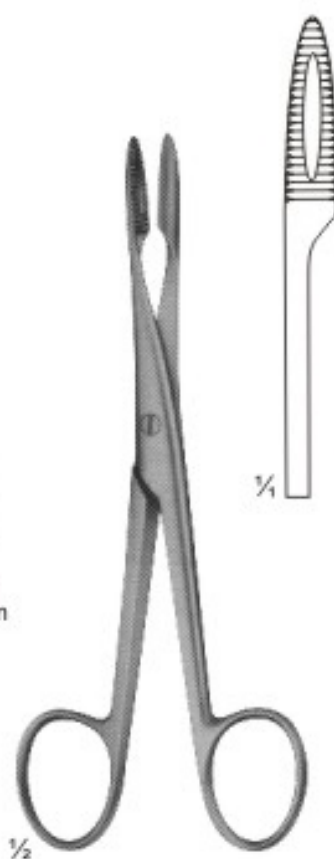
03-189  
GROSS SPONGE FORCEP  
CURVED 180MM



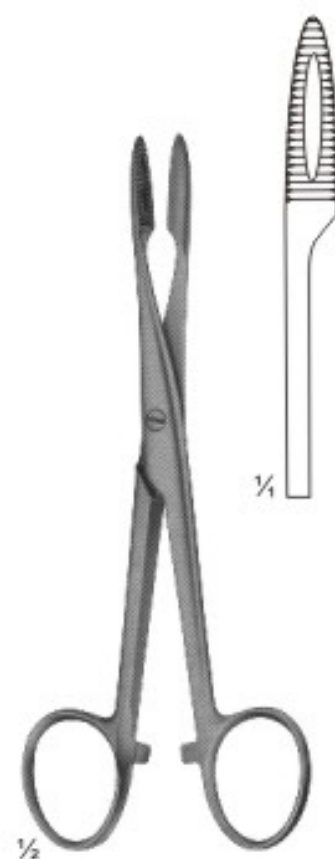
04-212  
KOCHER ARTERY FORCEP  
1X2 TEETH STR 145MM



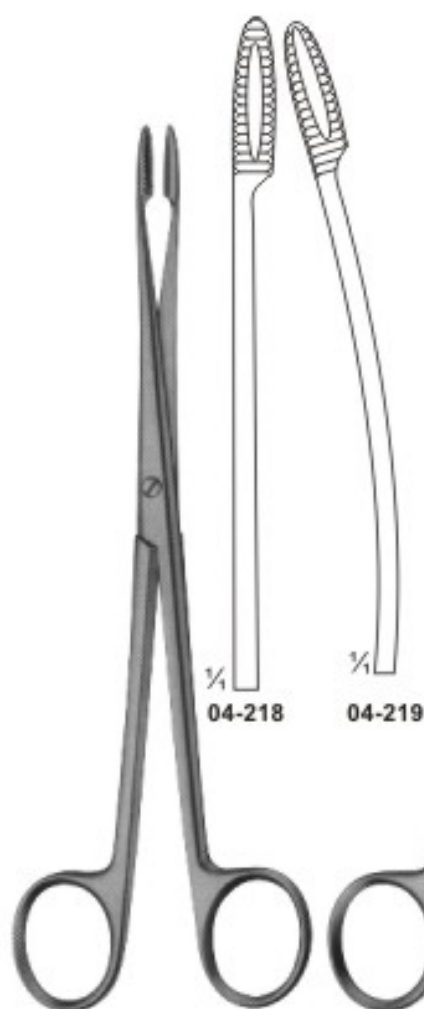
04-213 - 215  
LISTER  
Sinus forceps



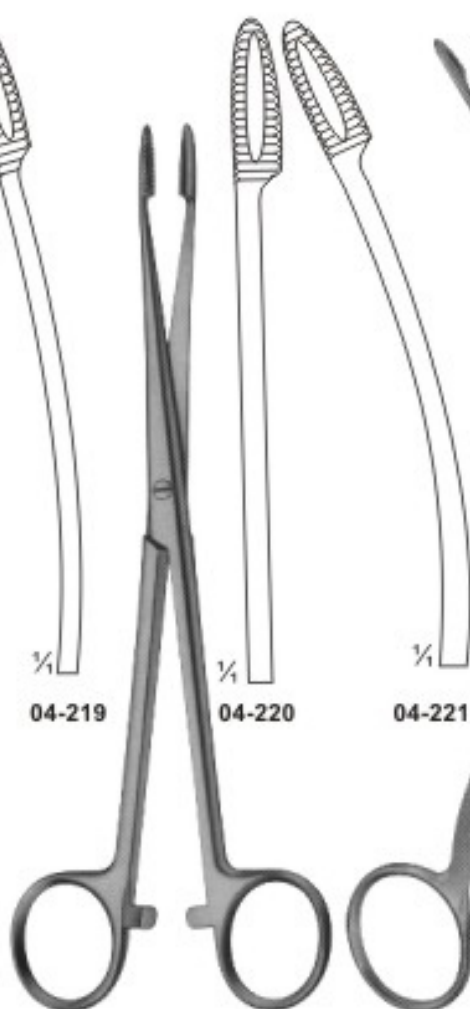
04-216  
without ratchet  
145 mm



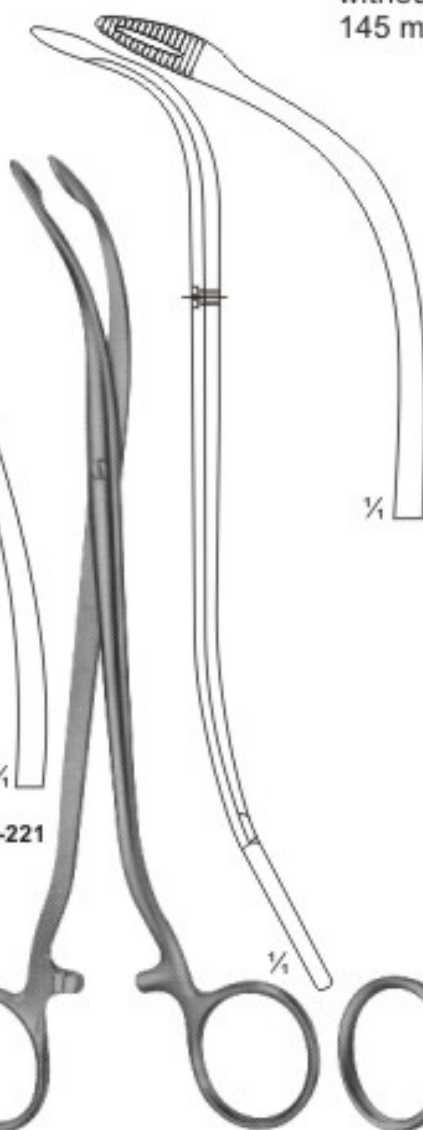
04-217  
with ratchet  
145 mm



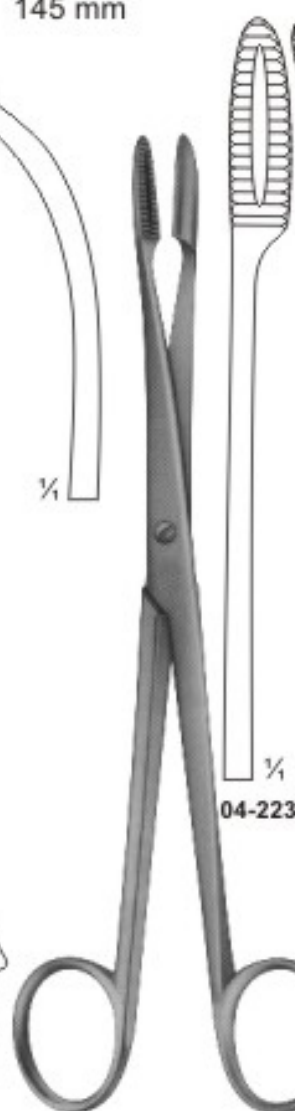
04-218 - 219  
GROSS  
without ratchet  
180 mm



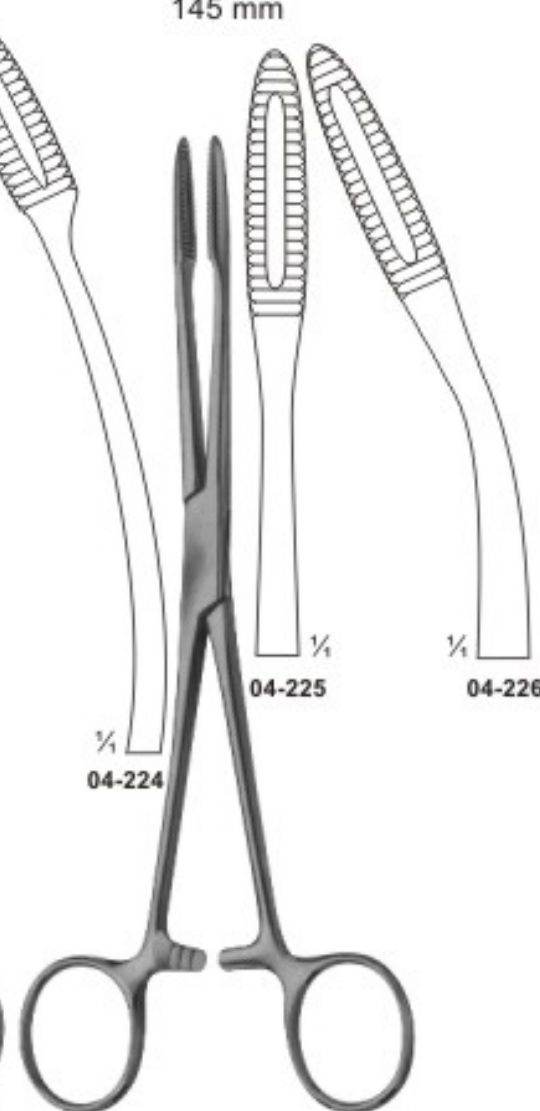
04-220 - 221  
GROSS  
with ratchet  
180 mm



04-222  
DUPLAY  
190 mm

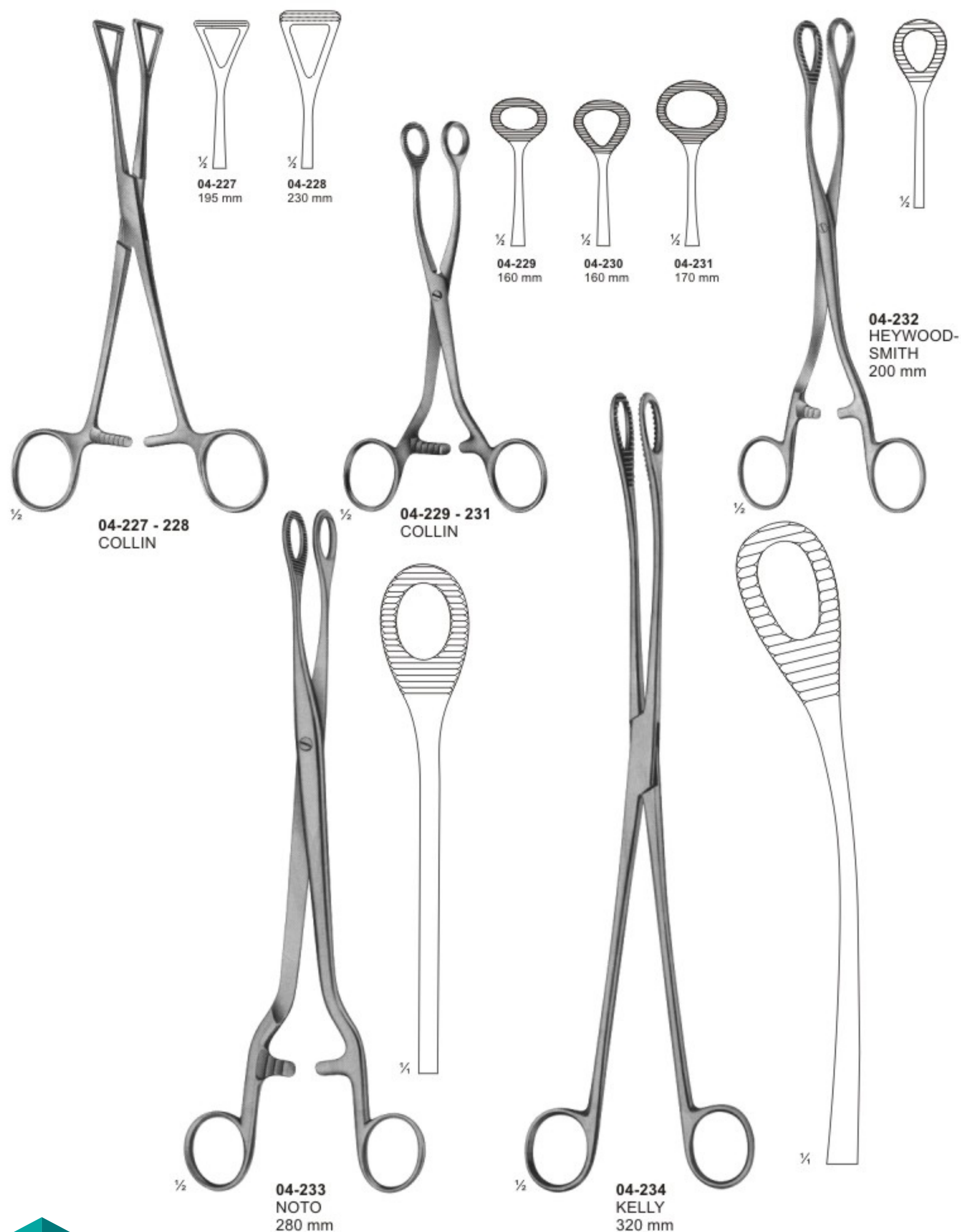


04-223 - 224  
GROSS  
without ratchet  
200 mm



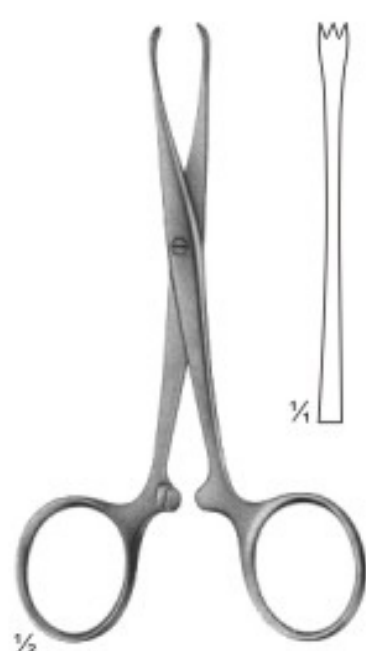
04-225 - 226  
GROSS  
200 mm

## Dressing-, Sponge holding-, Organ- and Tissue Grasping Forceps Tupfer-, Schwamm-, Organ- und Gewebefabzangen

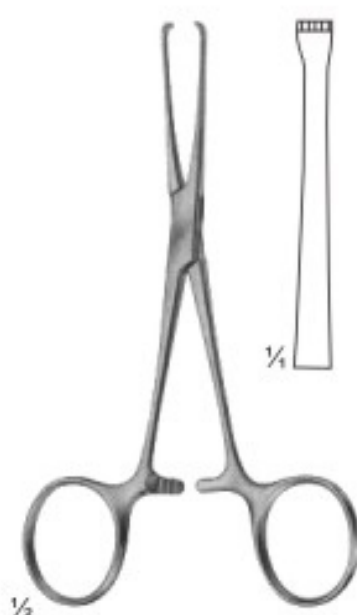




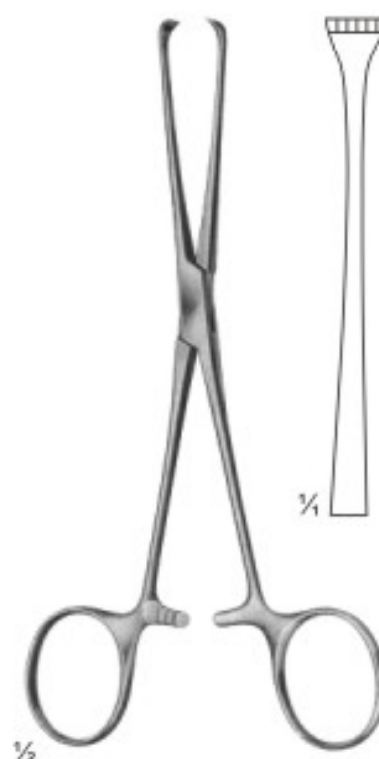
## Artery Traction - and Tissue Grasping Forceps Arterein- und GewebefabZangen



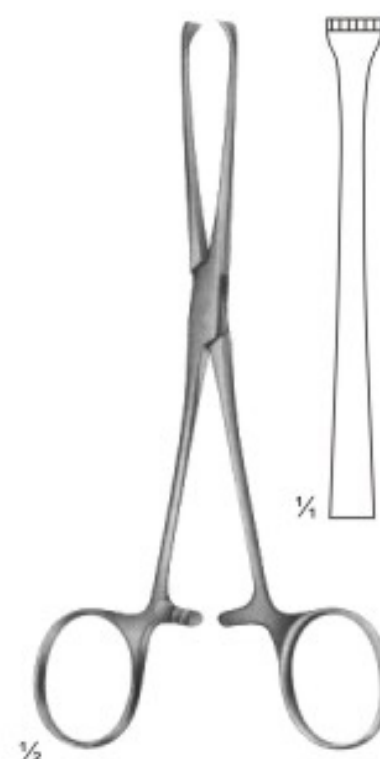
**04-235**  
CHAPUT  
2 x 3 teeth  
125 mm



**04-236**  
BABY-ALLIS  
4 x 5 teeth  
130 mm



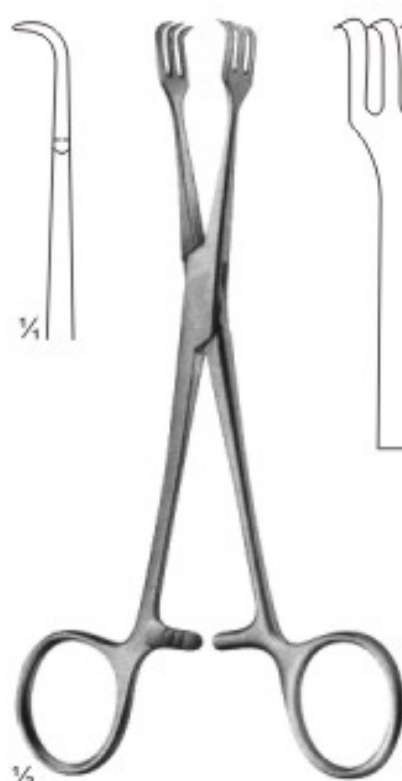
**04-237**  
BOYS-ALLIS  
5 x 6 teeth sharp  
155 mm



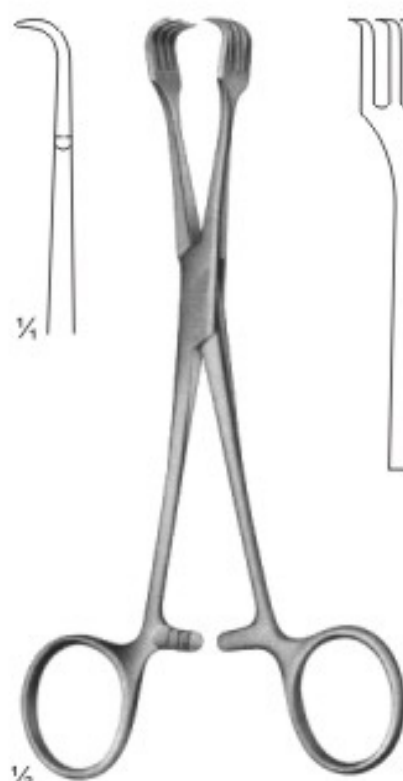
**04-238**  
ALLIS  
5 x 6 teeth  
155 mm



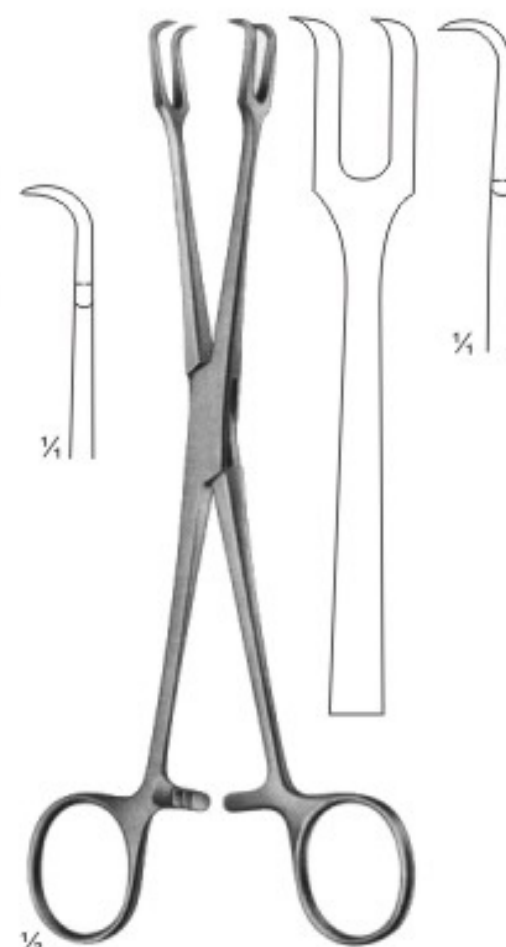
**04-239**  
LAHEY  
155 mm



**04-240**  
LAHEY  
155 mm



**04-241**  
BRAUN  
155 mm



**04-242**  
MUSEUX  
200 mm

# Ligature, Hysterectomy and Compression Forceps, Vaginal Clamps



## Dissecting- and Ligature Forceps Praparier-und Ligaturklemmen



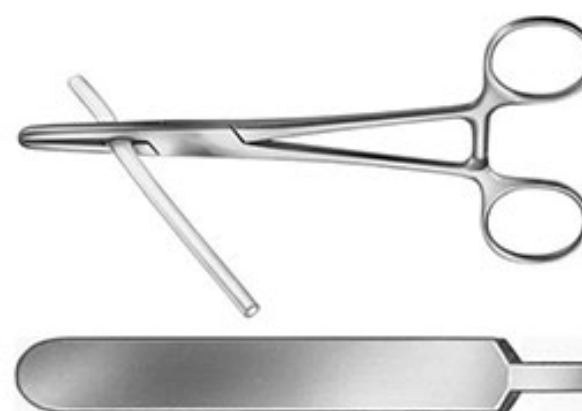
04-339  
STANDARD TISSUE FORCEPS,  
1X2 TEETH STRAIGHT, 145MM



04-340  
PEAN ARTERY FORCEPS  
STR 140MM



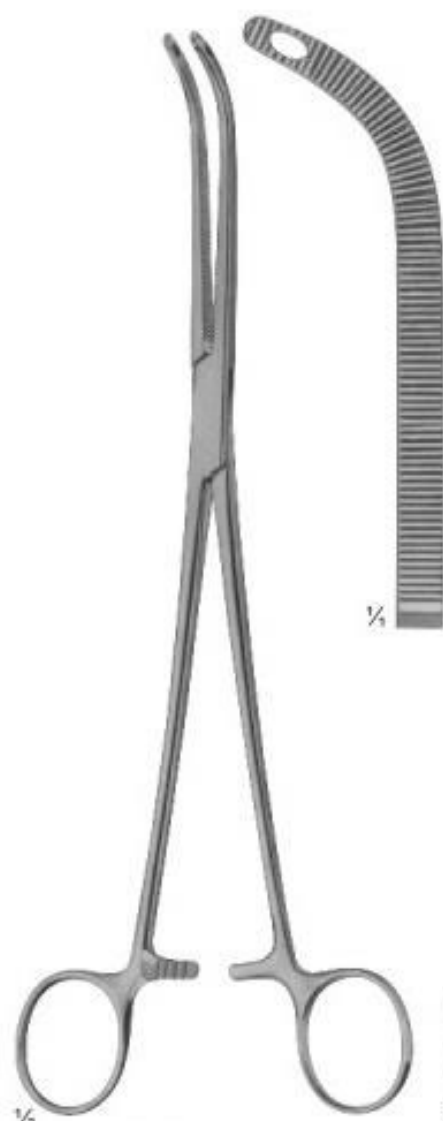
04-341  
PEAN ARTERY FORCEPS  
CURVED 180MM



04-342  
TUBE CLAMP  
SMOOTH JAW, 165MM



04-343 - 345  
RUMEL  
240 mm



04-346  
FINOCHIETTO  
245 mm



04-347  
MIXTER  
230 mm



04-348  
LAWRENCE  
270 mm



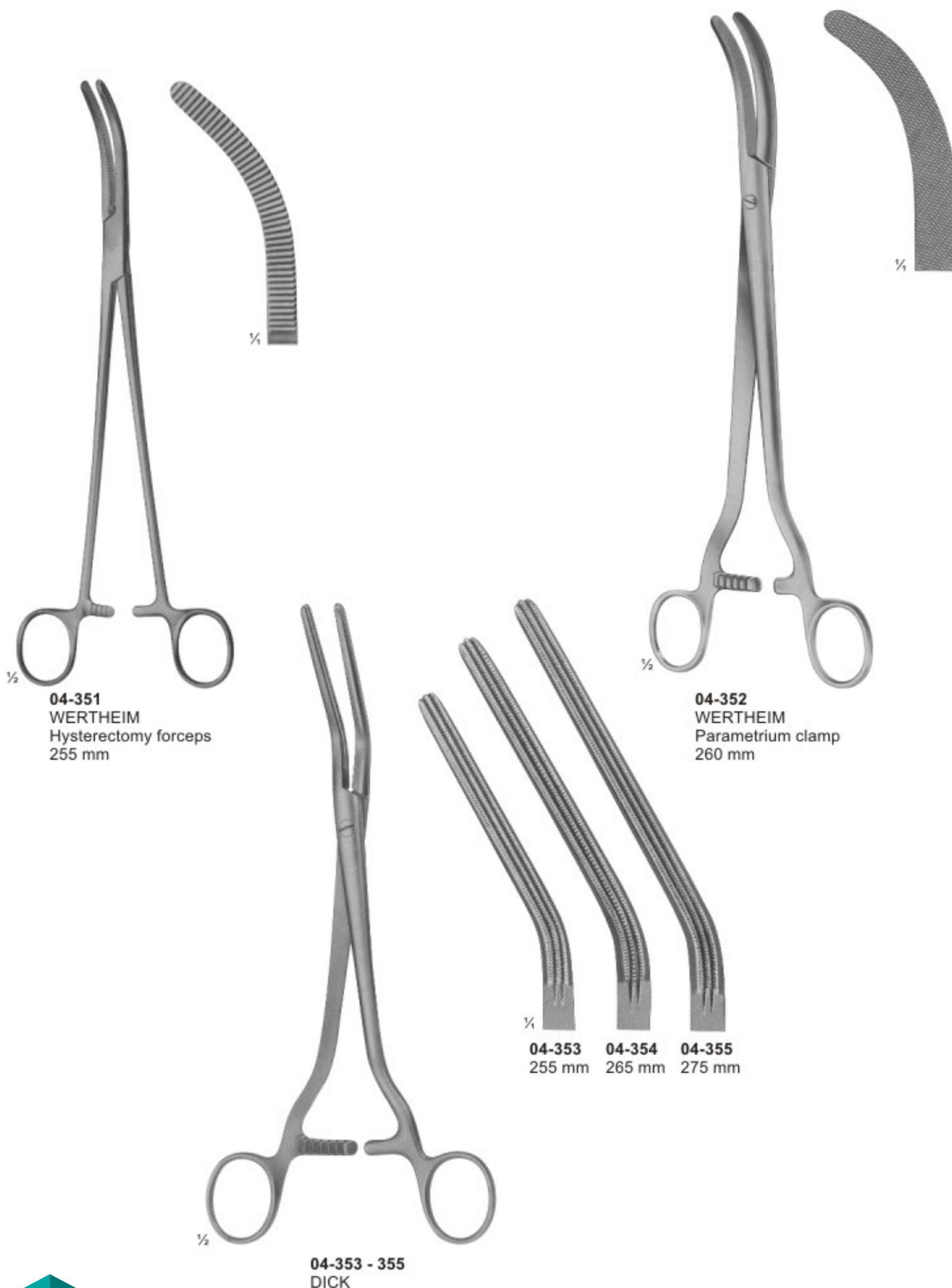
04-349 - 350  
ZENKER



04-350  
290 mm



## Hysterectomy Forceps, Vaginal Clamps and Compression Forceps Hysterektomie, Vaginalklemmen und klemmzangen



## Hysterectomy Forceps, Vaginal Clamps and Compression Forceps

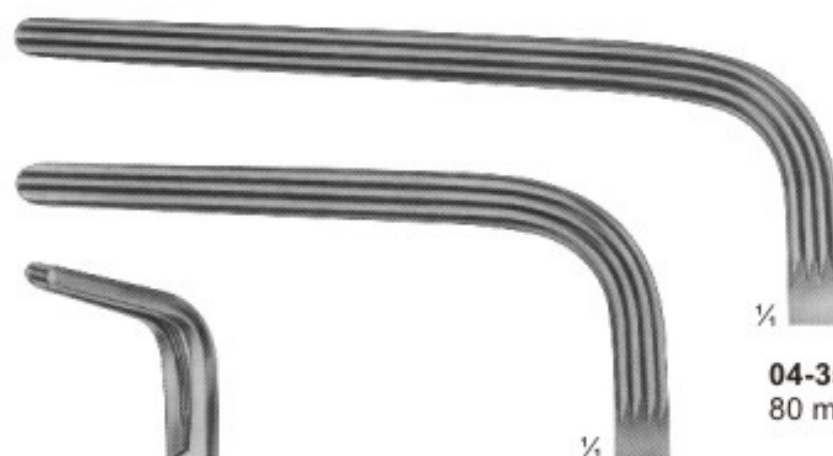
Hysterektomie, Vaginalklemmen und klemmzangen



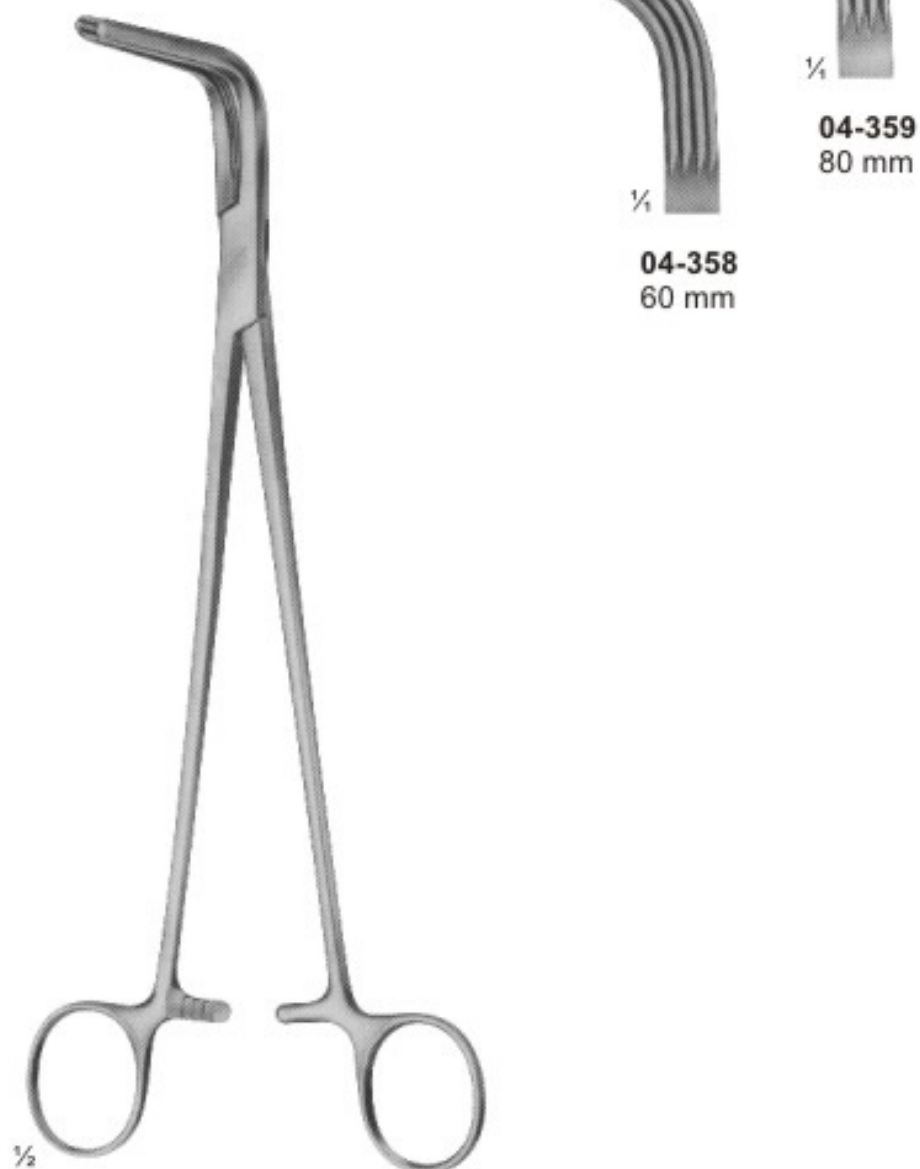
**04-356**  
WERTHEIM  
250 mm



**04-357**  
WERTHEIM-CULLEN  
215 mm



**04-358**  
60 mm



**04-359**  
80 mm

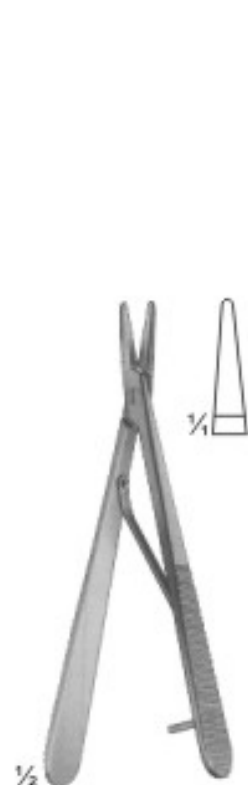
**04-358 - 359**  
230 mm

# Needle Holders, Suture Instruments





## Needle Holders for micro surgery Nadelhalter für Mikorchirurgie



**05-101**  
**ROHRSCHEIDER**  
with copper inserts  
100 mm



**05-102**  
**KALT**  
with catch  
135 mm



**05-103**  
**ARRUGA**  
with catch  
135 mm



**05-104 - 105**  
**CASTROVIEJO**  
with catch  
145 mm



**05-106 - 107**  
without Catch  
160 mm



**05-108 - 109**  
without catch  
185 mm



**05-110 - 111**  
**JACOBSON**  
185 mm

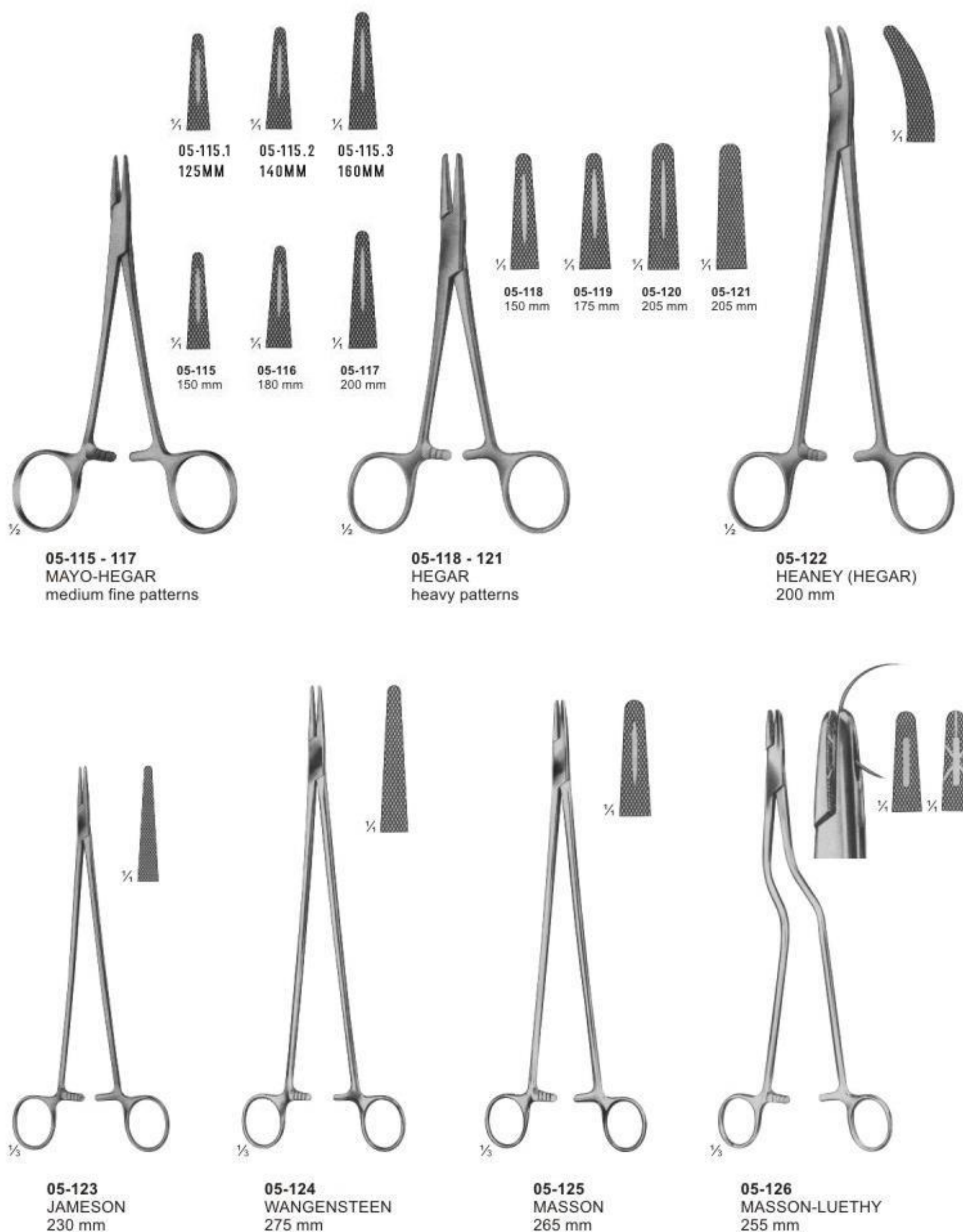


**05-112**  
without catch  
195 mm

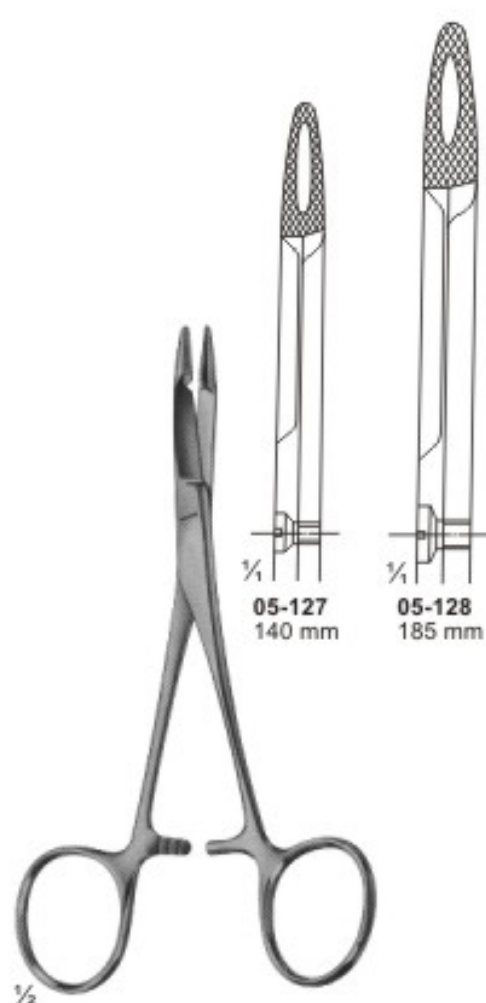


**05-113 - 114**  
**YASARGIL**  
with catch  
200 mm

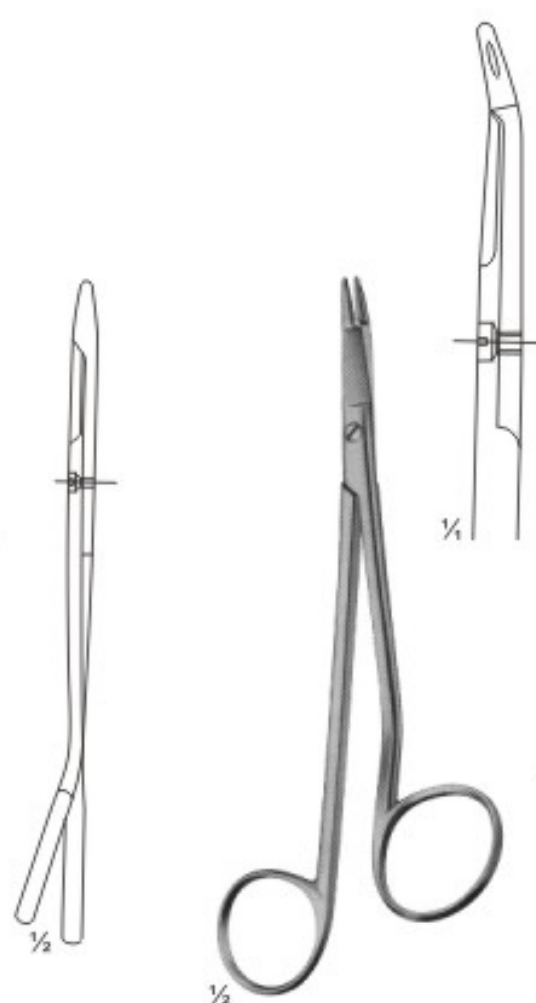
## Needle Holders Nadelhalter



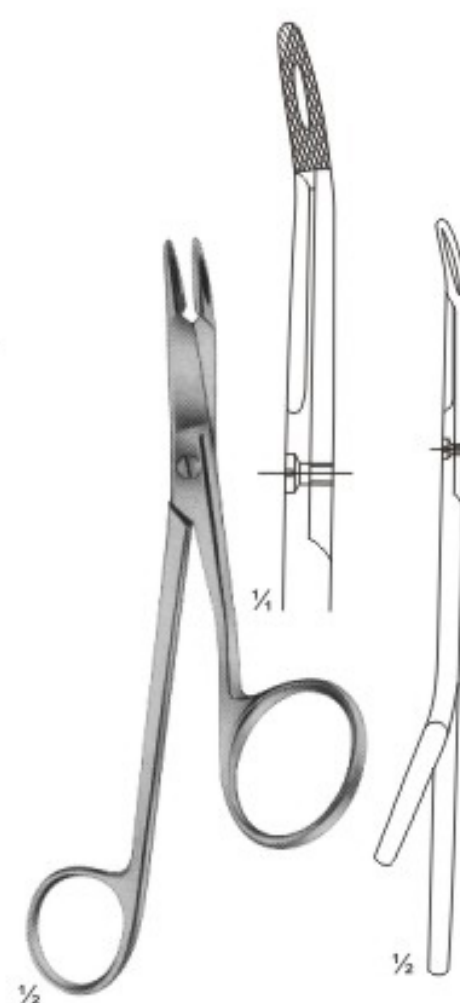
## Needle Holders Nadelhalter



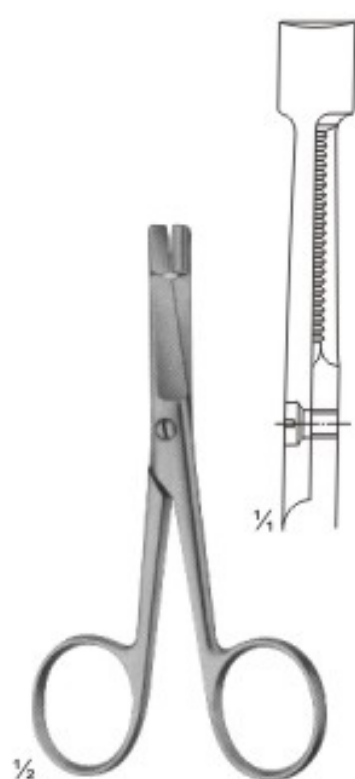
**05-127 - 128**  
HEGAR-OLSEN  
255 mm



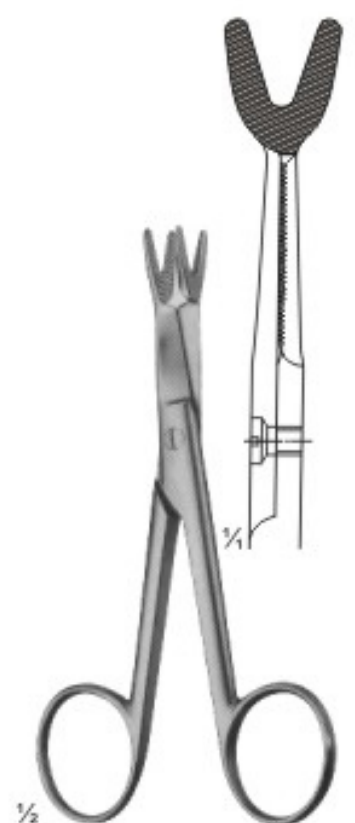
**05-129**  
GILLIES  
150 mm



**05-130**  
GILLIES  
160 mm



**05-131**  
EISELSBERG  
115 mm



**05-132**  
SCHOEMAKER-LOTH  
125 mm



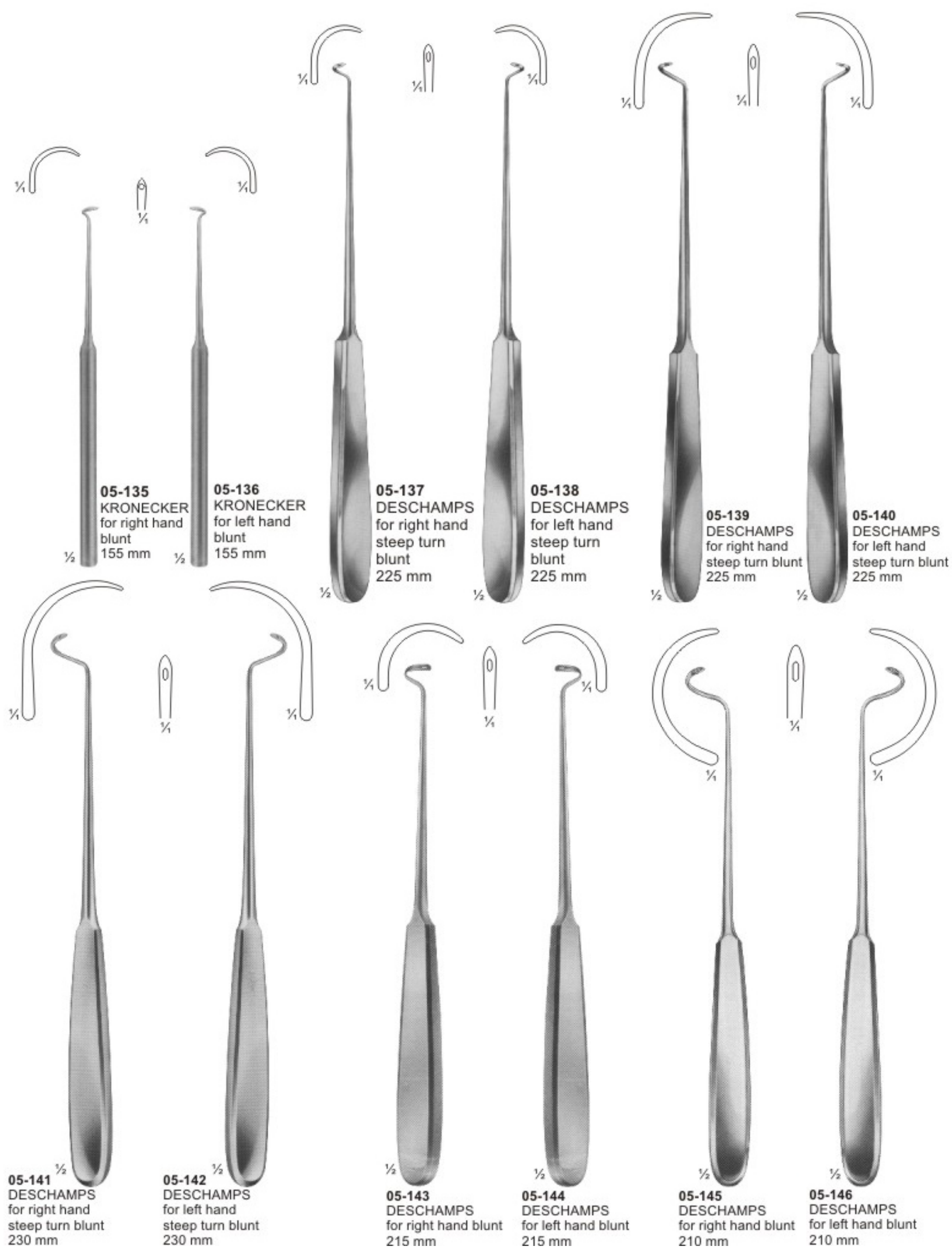
**05-133**  
CRILE  
150 mm



**05-134**  
TOENNIS  
Elastic pattern for  
dura-or intestinal suture  
180 mm



## Suture Instruments - Reverdin Needles Naht-Instrumente-Reverdin-Nadeln





# Probes, Pocket, Instruments Sets



## Probes Sonden



## Probes Sonden



**05-159** 145 mm  
**05-160** 160 mm  
**05-161** 200 mm  
Probes with eye



**05-162**  
Myrtle leaf probe  
145 mm



**05-163** 130 mm  
**05-164** 145 mm  
**05-165** 160 mm  
**05-166** 180 mm  
**05-167** 200 mm



**05-168**  
Probes



**05-169** 1/2  
Double ended probe,  
malleable, diam. of tips  
3 mm with hole  
190 mm



**05-170**  
Double ended probes,  
tin, malleable,  
diam. of tips  
3,5 mm with hole  
250 mm, 300 mm



**05-171**  
Double ended probes,  
tin, malleable,  
diam. of tips 4 mm  
400 mm



**05-172** 1,5 mm  
**05-173** 2,0 mm  
**05-174** 2,5 mm  
300 mm

## Suturing Instrument Set, Pocket Instrument Set Wundnahtbesteck, Chirurgisches Taschenbesteck



### 05-175

Suturing instruments set, in metal case consisting of: Scissors, curved, sharp/sharp, 115mm  
25 MICHEL clip, 16 x 3mm  
1 Delicate tissue forceps, 130mm  
1 Scalpel, bellied  
1 MATHIEU needle holder, 140mm  
1 Perforated metal case, stainless containing:  
1 Suture needle  
1 item 1 item



### 05-176

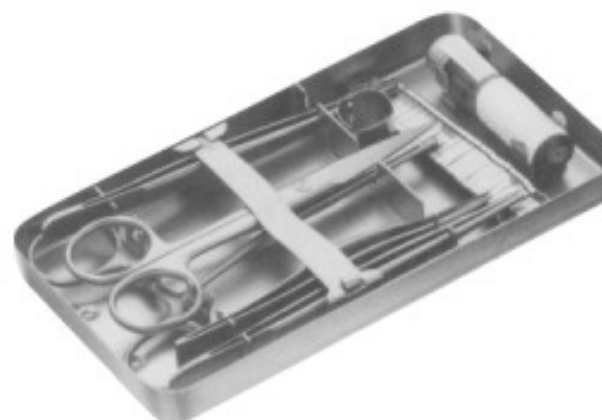
Pocket instrument set, in metal case consisting of:

#### Bottom tray

1 MATHIEU needle holder, 140mm  
1 MICHEL clip forceps, combined  
1 Myrtle leaf probe, 130mm  
1 Sharp double curette  
1 Skin hook  
1 Detachable scalpel handle, no.4  
1 Perforated metal case, containing  
6 Scalpel blades  
1 Perforated metal case, stainless, containing  
1 Suture needle  
1 item  
1 item

#### Top tray

1 Tissue forceps, 130mm  
1 KOCHER haemostatic forceps, 130mm  
1 Straight surgical scissors, 130mm  
1 Dissecting forceps, 130mm  
1 FEILCHENFELD splinter forceps, 115mm  
25 MICHEL clip, 16 x 3mm  
1 Flacon of suture skin, sterile in alcohol



### 05-177

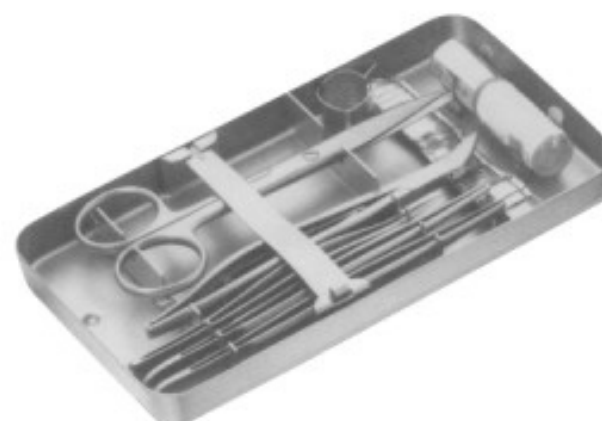
Pocket instrument set, in metal case consisting of:

#### Bottom tray

1 MAYO-HEGER needle holder, 150mm  
1 MICHEL clip forceps, combined  
1 Myrtle leaf probe, 130mm  
1 Sharp double curette  
1 Skin hook  
1 Detachable scalpel handle, no. 4  
1 Perforated metal case, consisting  
6 Scalpel blades  
1 Perforated metal case, stainless, consisting:  
1 Suture needle  
1 item, & 1 item

#### Top tray

1 Tissue forceps, 130mm  
1 CRILE haemostatic forceps, 140mm  
1 Straight surgical scissors, 130mm  
1 Dissecting forceps, 130mm  
1 FEILCHENFELD splinter forceps, 115mm  
25 MICHEL clip, 16 x 3mm  
1 Flacon of suture silk, sterile in alcohol

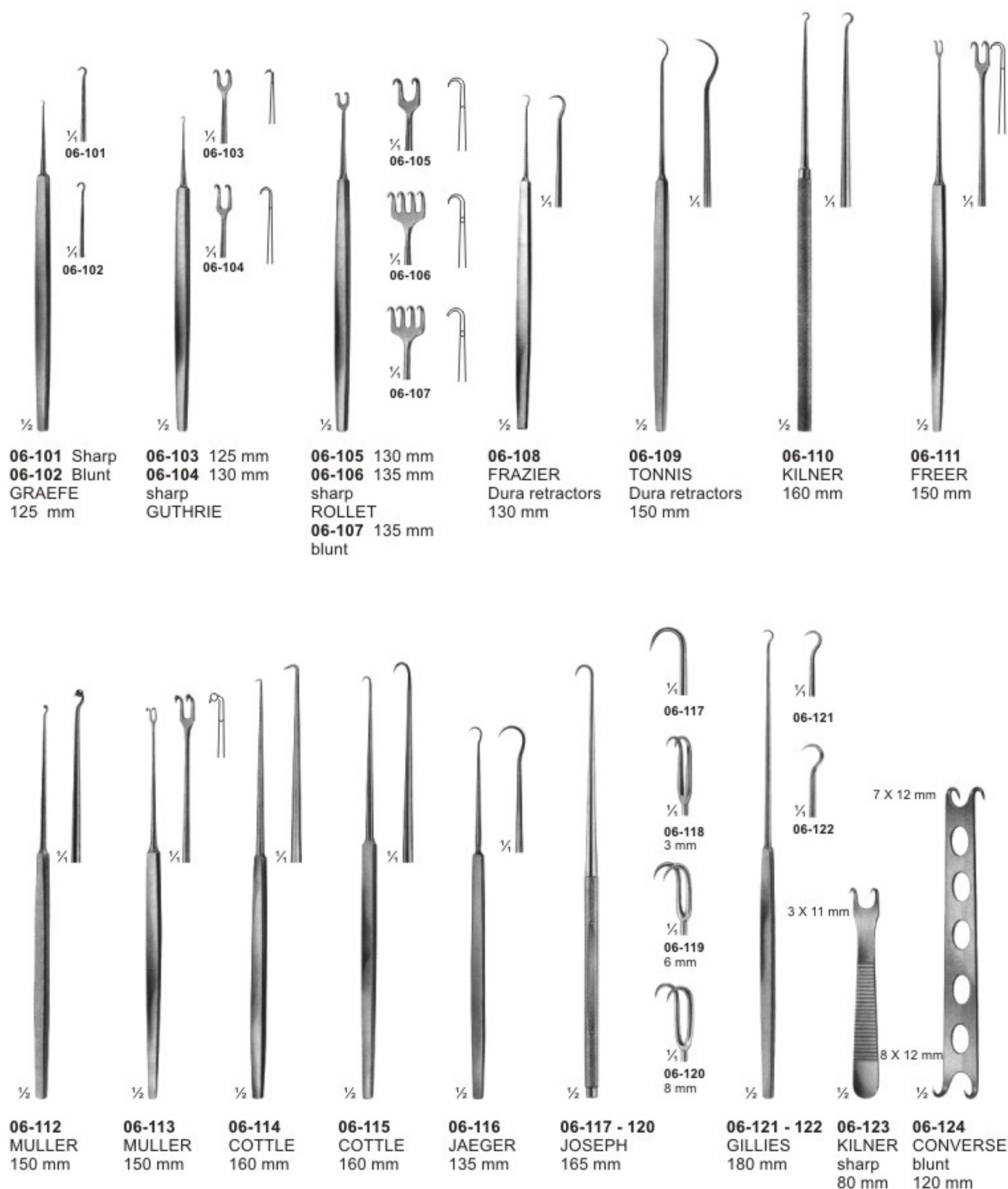




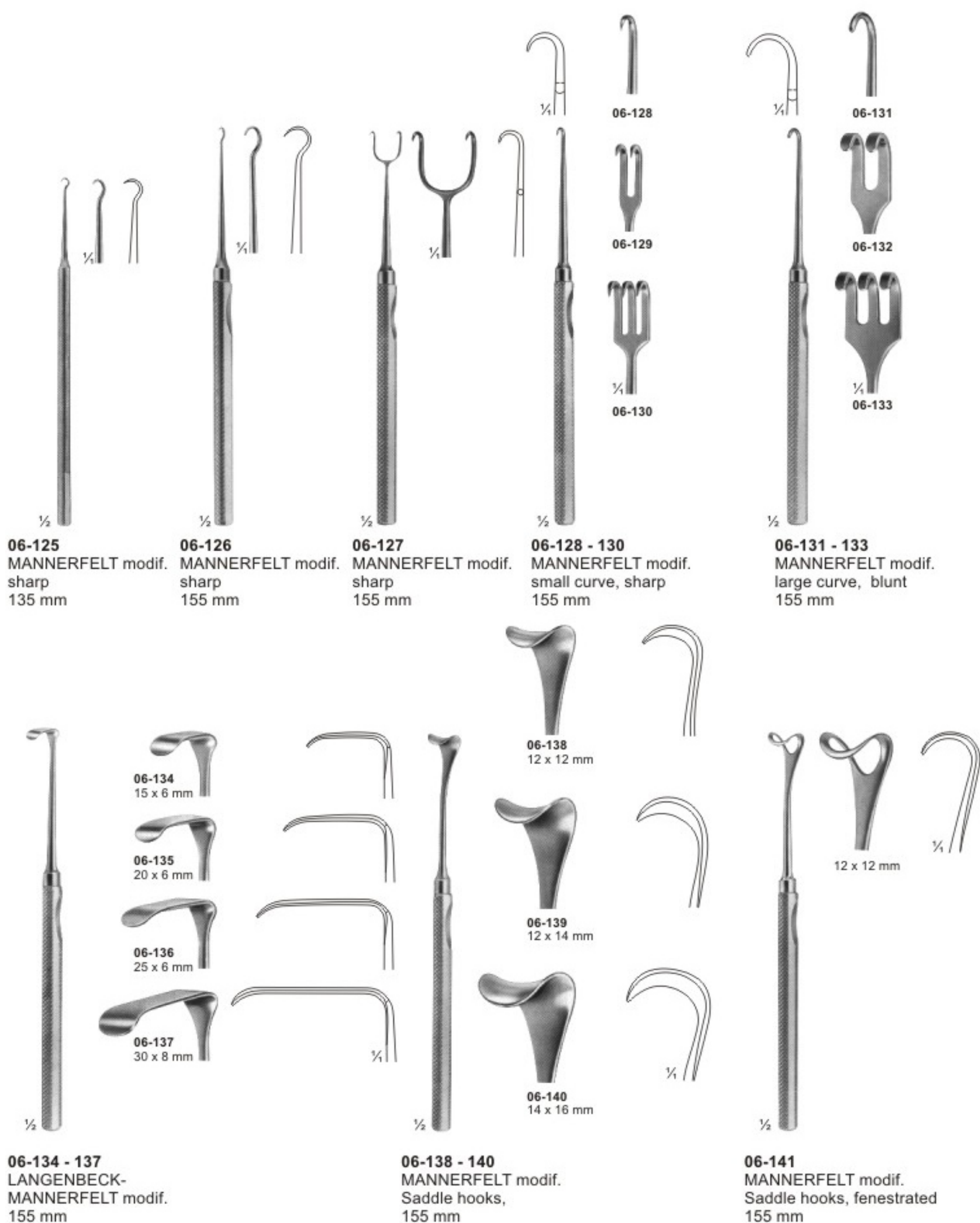
# Wound Retractors



## Fine Wound Retractors (Dura- and Skin Retractors) Feine Wundhakchen (Dura- und Hauthakchen)

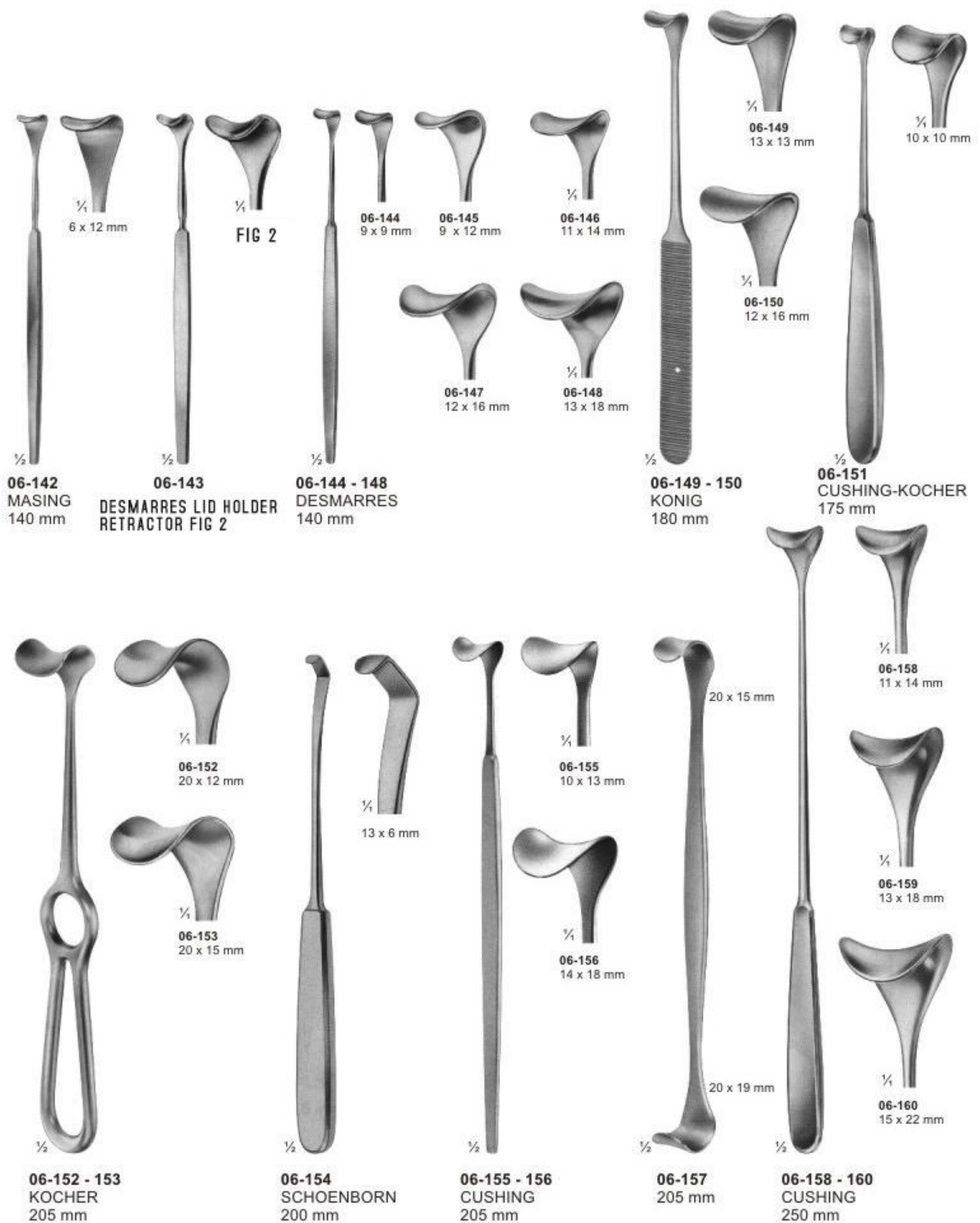


## Retractors With treangle handle Wundhaken mit Treangle-Griff



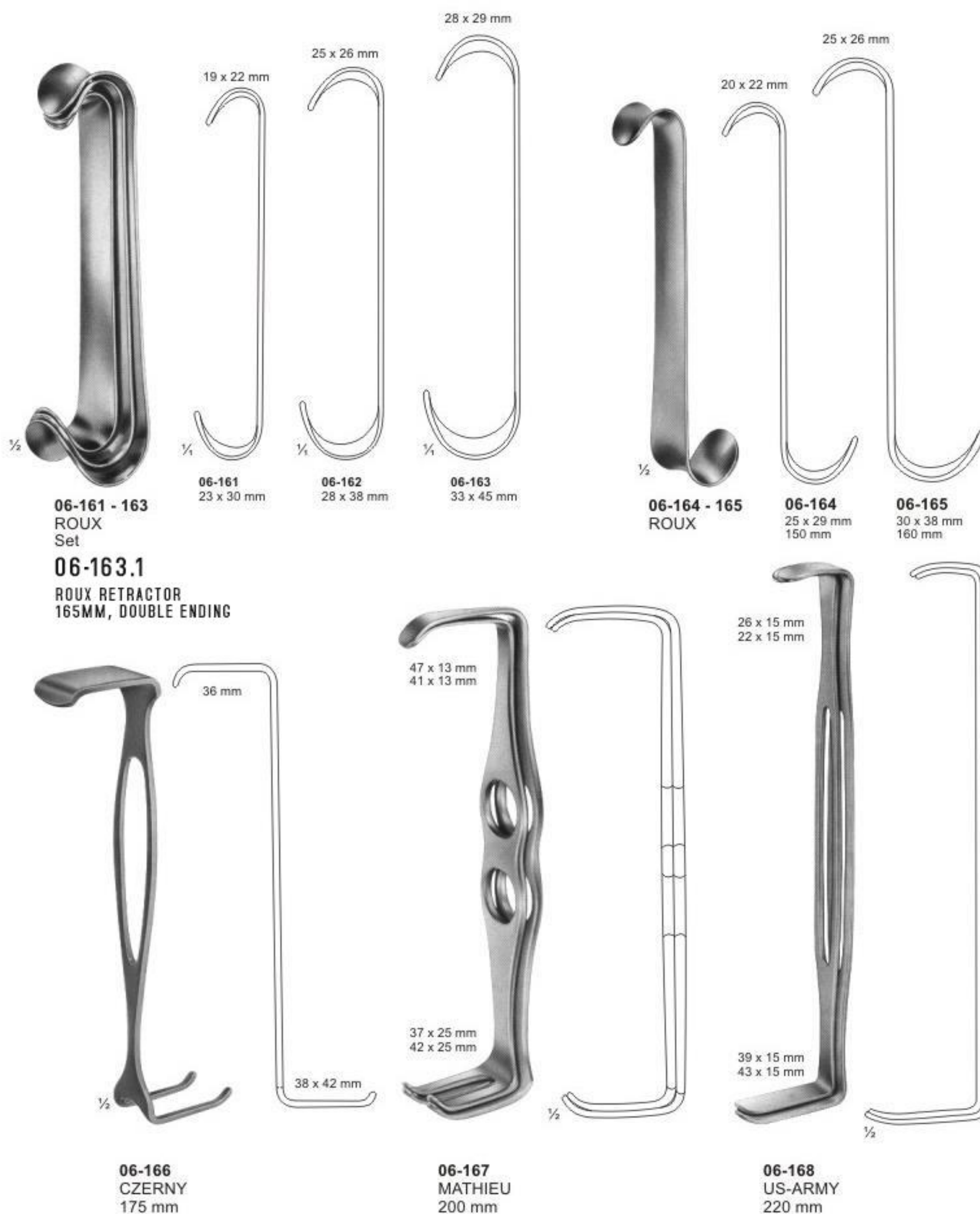


## Retractors Wundhaken





## Retractors Wundhaken



## Bone Retractors and Retractors Knochen- und Wundhaken



**06-169**  
KOCHER  
sharp  
205 mm



**06-170**  
KOCHER  
sharp  
220 mm



**06-171**  
KOCHER  
sharp  
220 mm



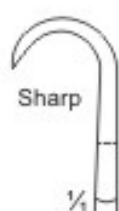
**06-172**  
VOLKMANN  
blunt  
220 mm



**06-173**  
VOLKMANN  
sharp  
220 mm



**06-174 - 181**  
VOLKMANN  
225 mm



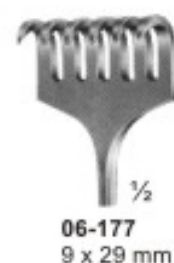
**06-174**  
9 x 8 mm



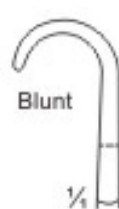
**06-175**  
9 x 13 mm



**06-176**  
9 x 19 mm



**06-177**  
9 x 29 mm



**06-178**  
8,5 x 8 mm



**06-179**  
8,5 x 13 mm

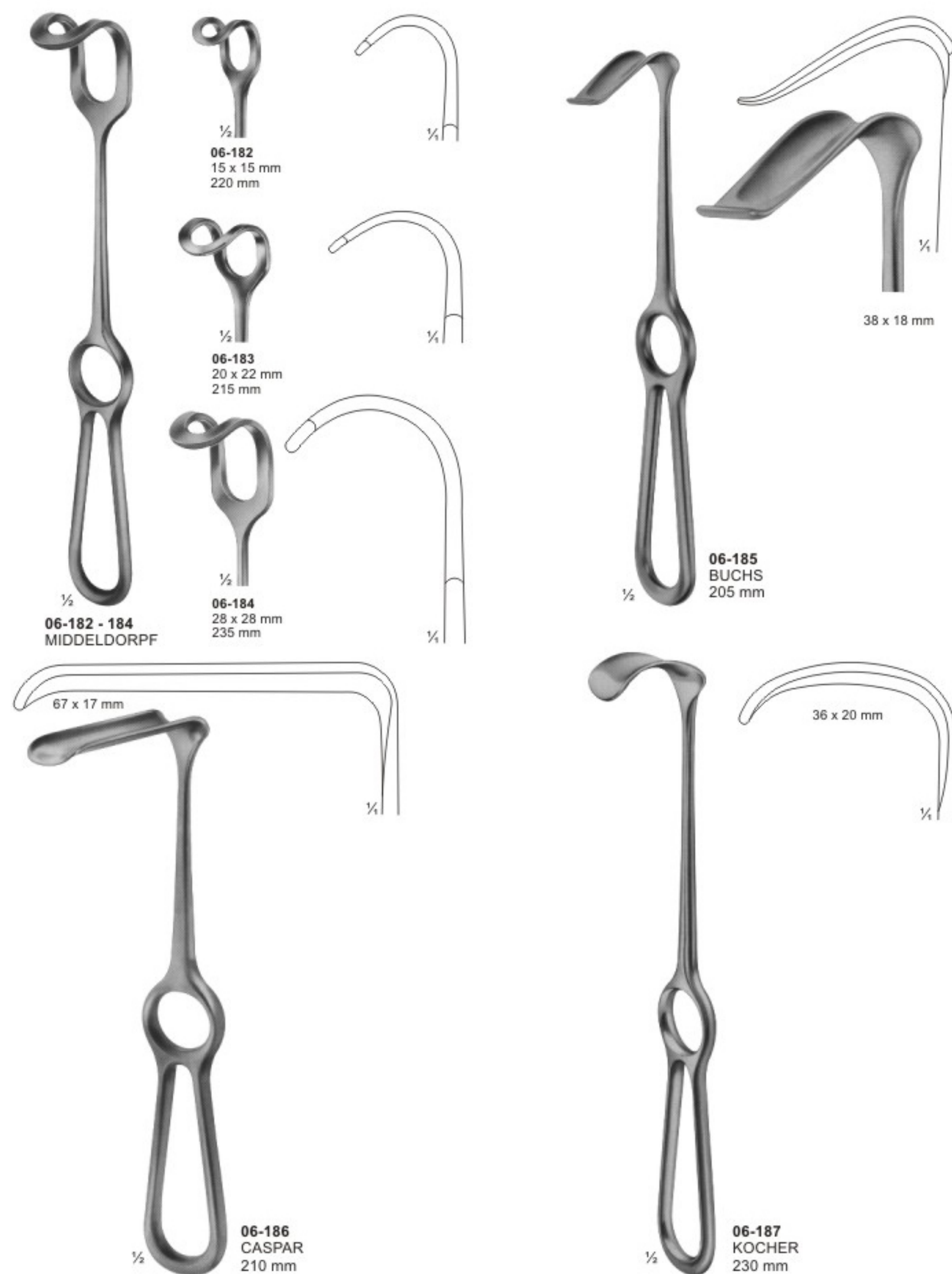


**06-180**  
8,5 x 19 mm



**06-181**  
8,5 x 29 mm

## Retractors Wundhaken



## Retractors, Vario Retractor System Wundhaken, Vario- Wundhaken-System



**06-188 - 194**  
BRUNNER  
275 mm

<b>06-188</b>	80 x 20
<b>06-189</b>	100 x 25
<b>06-190</b>	120 x 25
<b>06-191</b>	130 x 30
<b>06-192</b>	140 x 30
<b>06-193</b>	160 x 30
<b>06-194</b>	180 x 30

1/2"

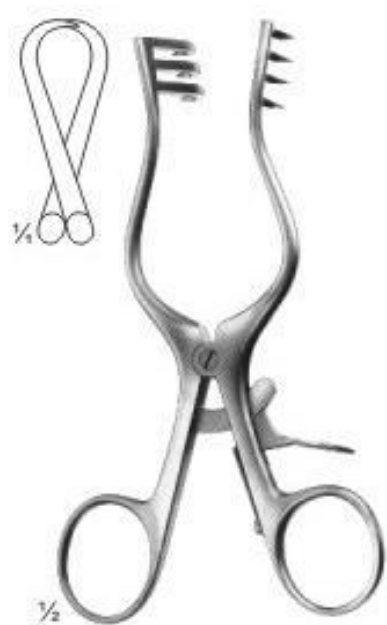




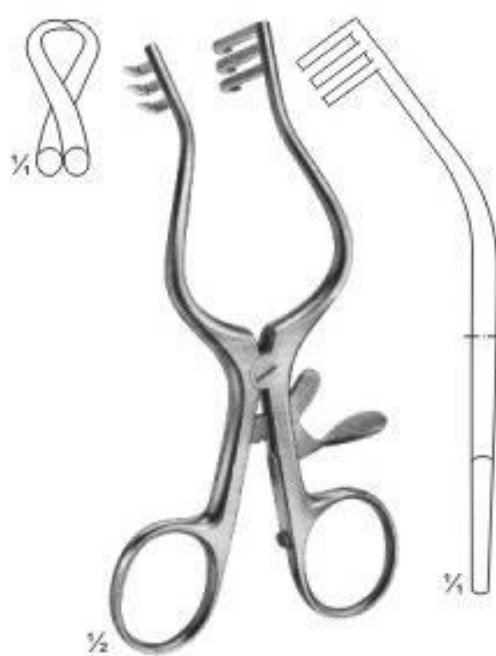
# Self Retaining Retractors, Abdominal Retractors



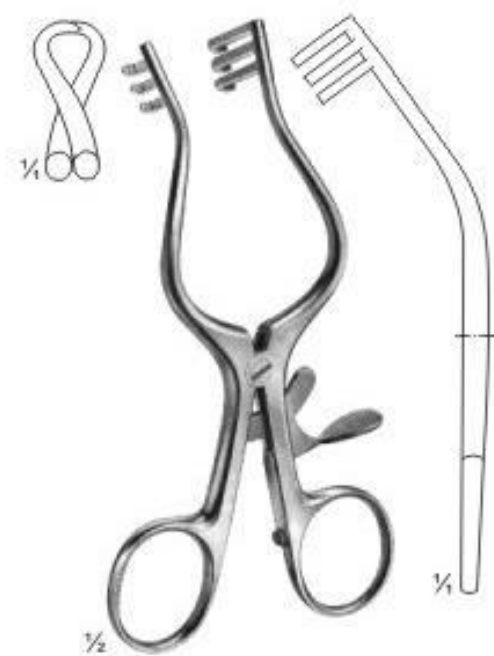
## Self-Retaining Retractors Wundspreizer



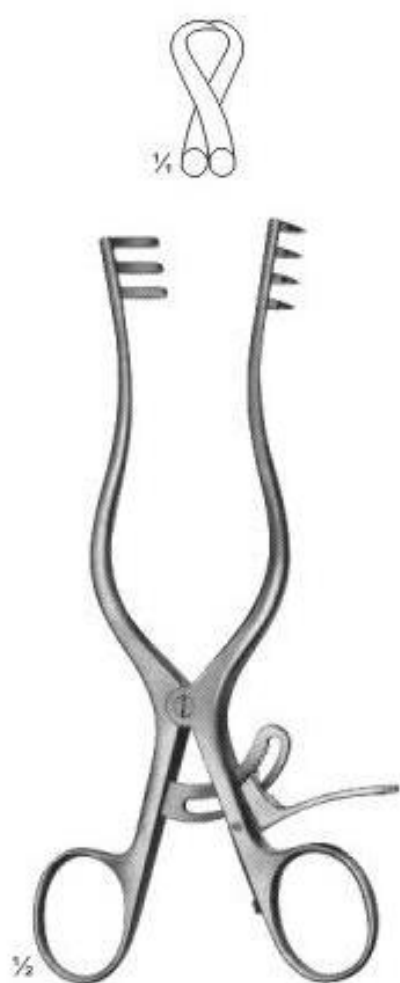
**06-225**  
WEITLANER  
sharp  
130 mm



**06-226**  
WULLSTEIN  
sharp  
130 mm



**06-227**  
WULLSTEIN  
blunt  
130 mm



**06-228**  
WEITLANER  
sharp  
165 mm



**06-228.1**  
WEITLANER SELF RETAINING  
RETRACTOR 110MM



**06-229**  
PLESTER  
blunt  
110 mm

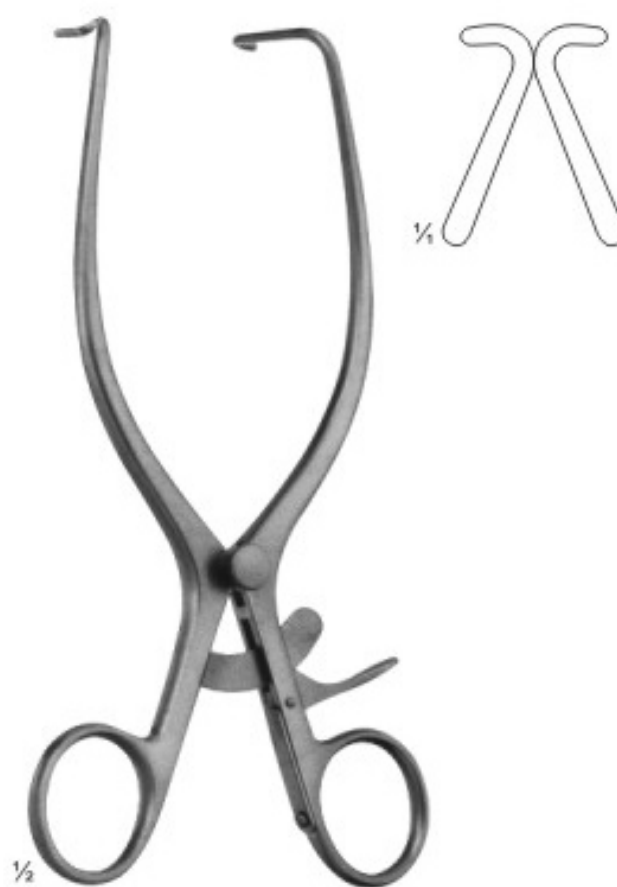


**06-230**  
PERKINS  
130 mm

## Special Retractors Spezialwundspreizer



**06-231**  
**JOLL ( FRIEDMAN )**  
Thyroid and vaginal retractor  
155 mm



**06-232**  
**JACKSON BURROWS**  
Retractor (Adult)  
155 mm



**06-233**  
**GILLIS**  
Vaginal retractor  
155 mm



**06-234**  
**GILLIS**  
Gillie and vaginal retractor  
175 mm



**06-235**  
**DE BAKEN**  
Femur retractor  
155 mm

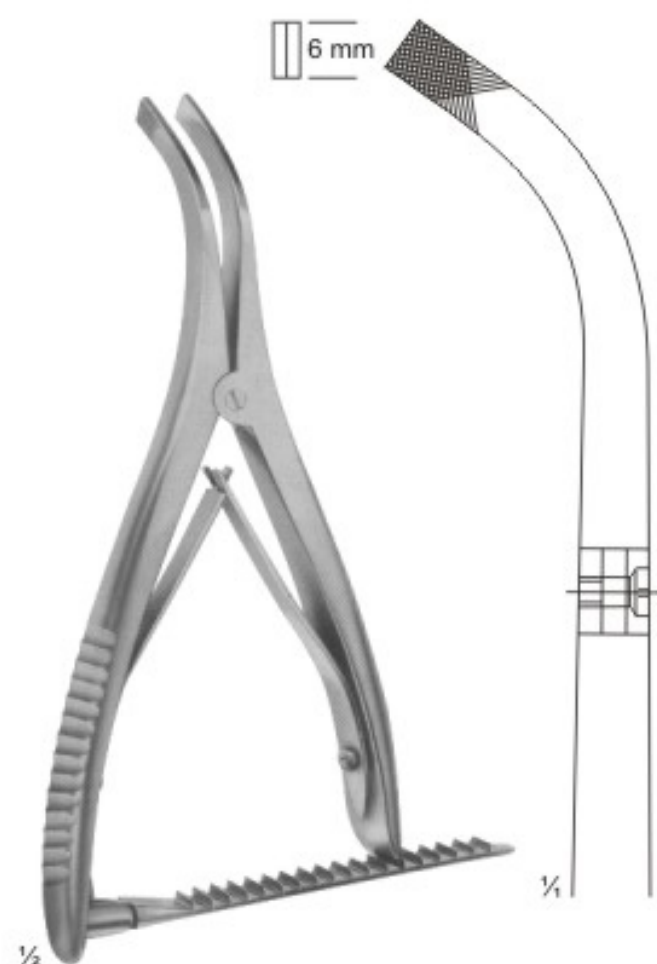
## Lamina Spreaders Wirbelkorperspreizer



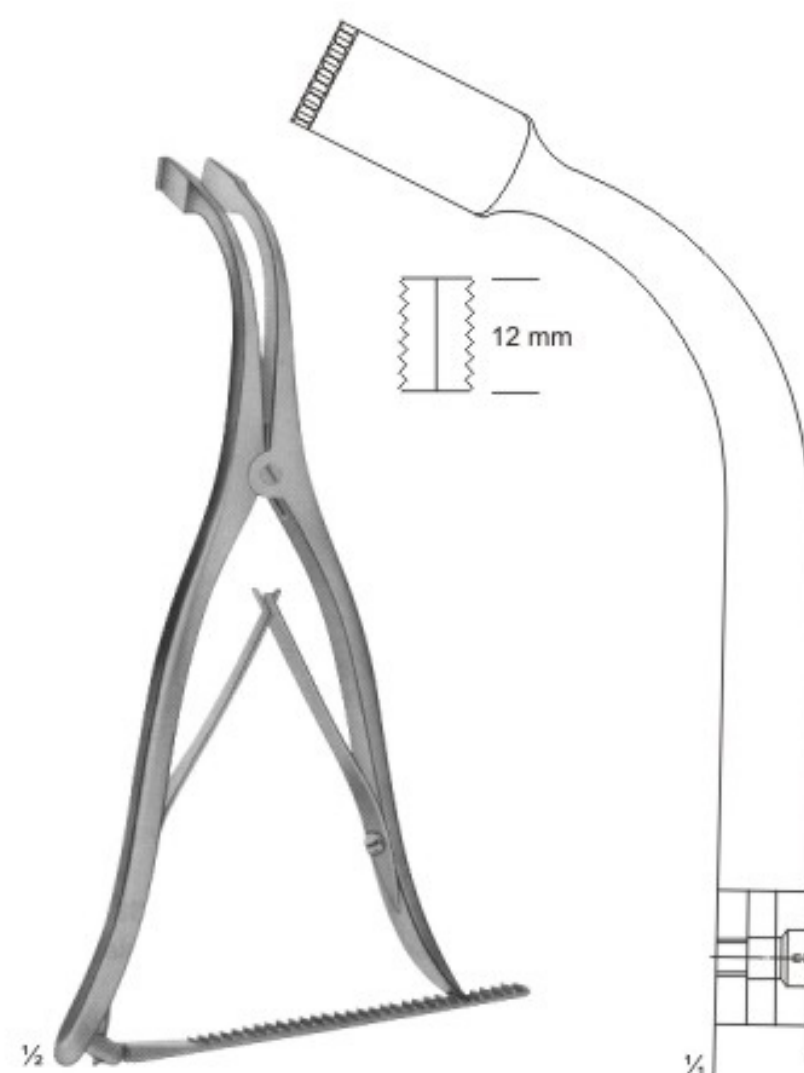
**06-236**  
CLOWARD  
155 mm



**06-237**  
CLOWARD  
135 mm



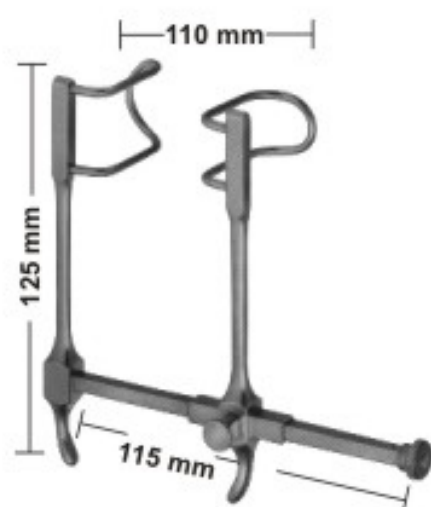
**06-238**  
INGE  
170 mm



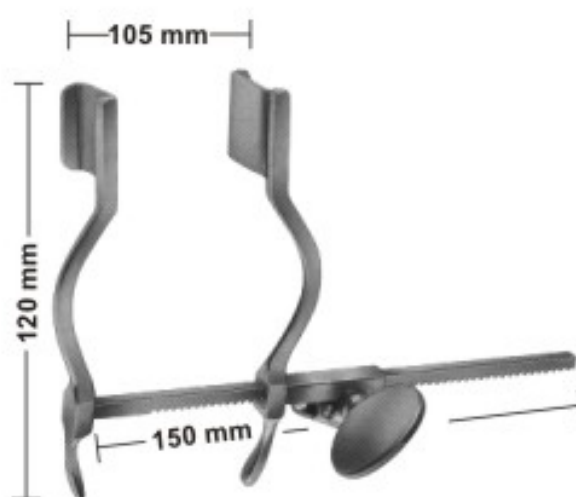
**06-239**  
INGE  
275 mm



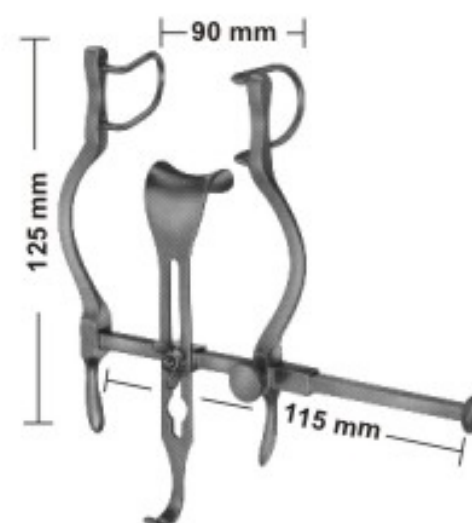
## Abdominal Retractors Bauchdeckenhalter



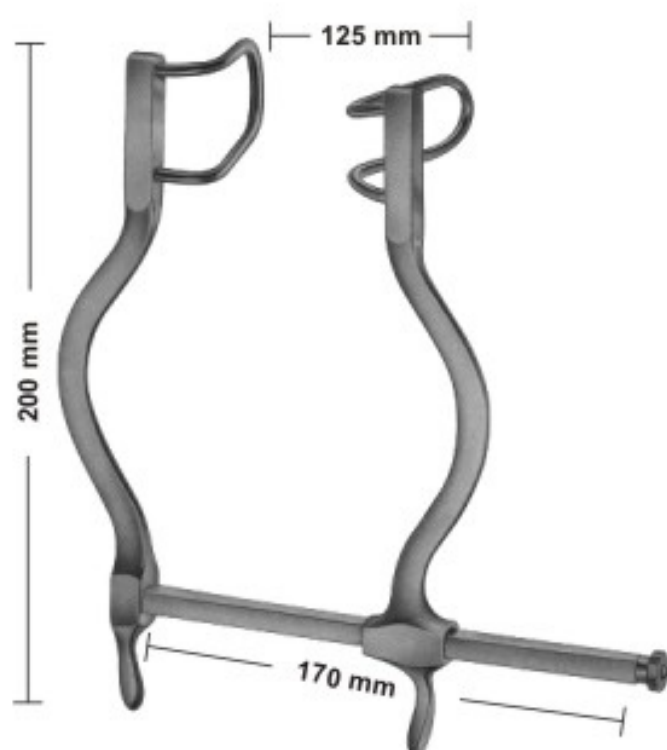
**06-240**  
GOSSET  
Blades: 38 mm deep



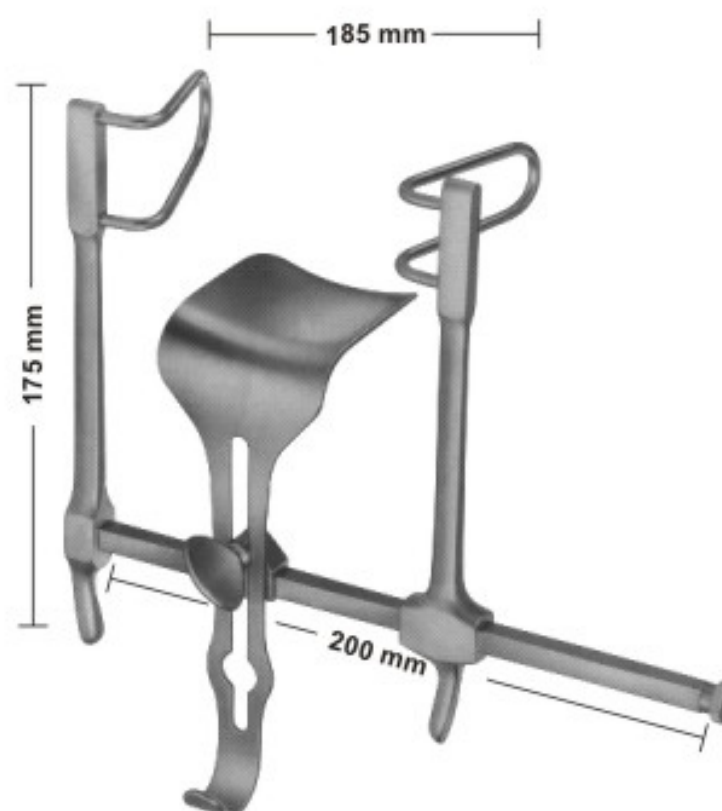
**06-241**  
HERTZLER  
Blades 20 X 25 mm



**06-242**  
BALFOUR-BABY  
Lateral blades 27 mm deep  
Center blade 21x24 mm

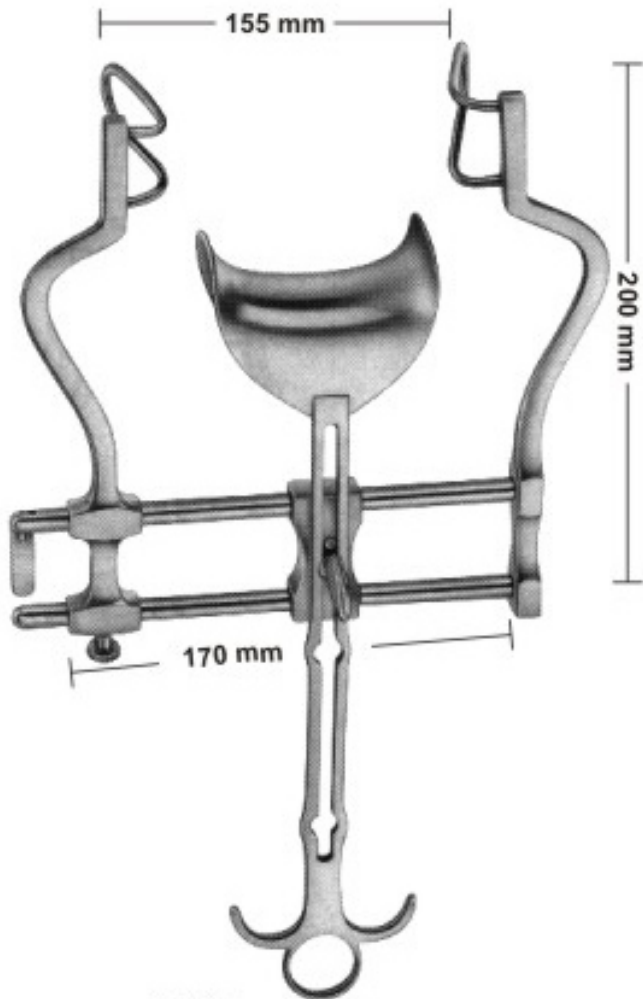


**06-243**  
GOSSET  
Blades: 55 mm deep

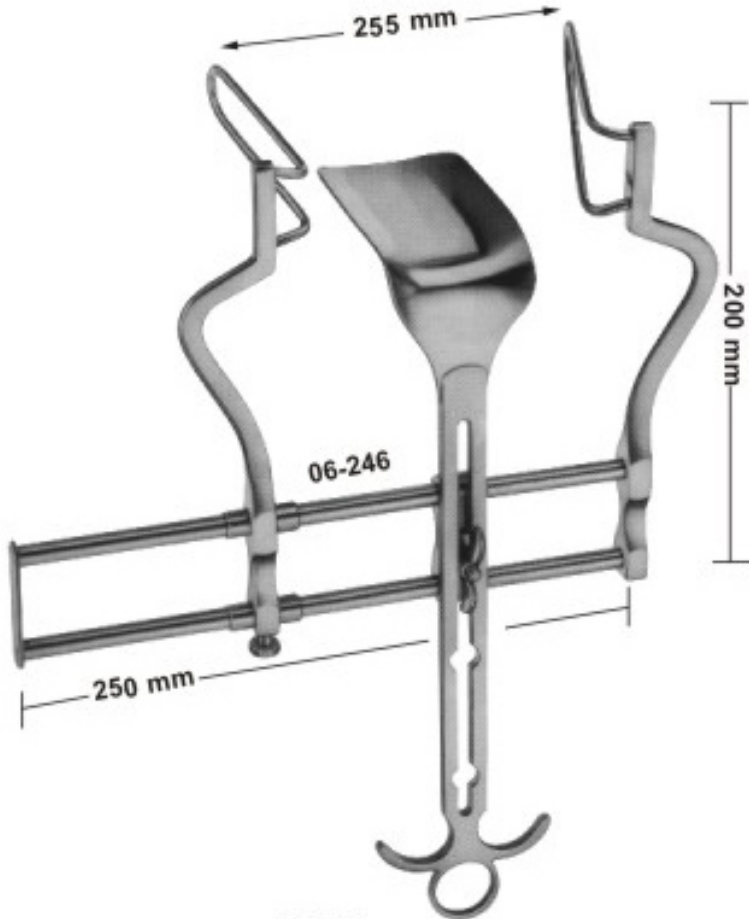


**06-244**  
GOSSET  
Lateral blades 58 mm deep  
Center blade 59 x 57 mm

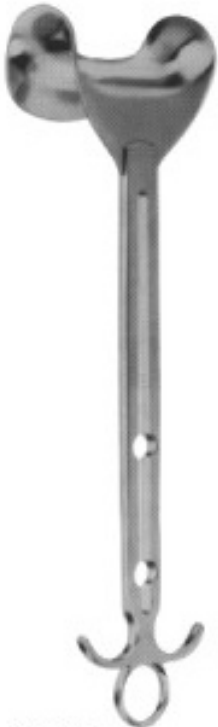
## Abdominal Retractors Bauchdeckenhalter



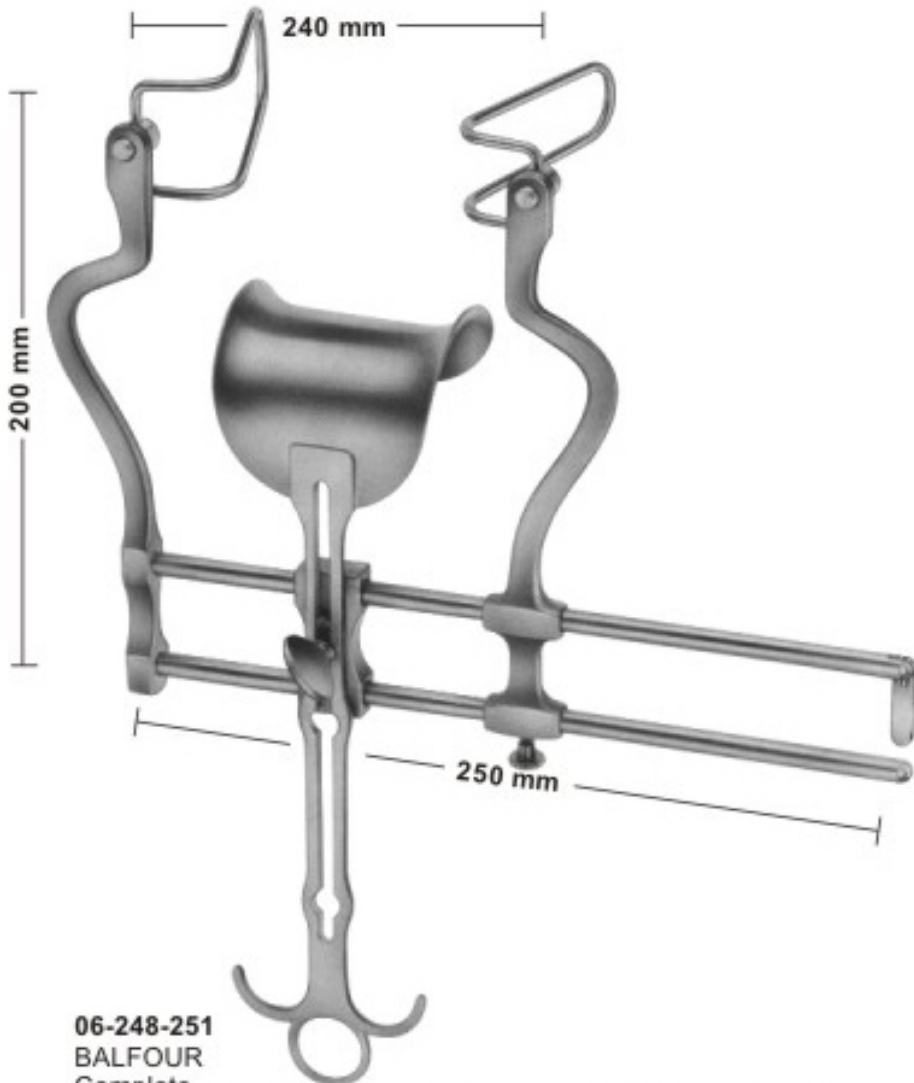
**06-245**  
BALFOUR  
Lateral blades 60 mm deep  
Center blade 47 x 80 mm



**06-246**  
BALFOUR  
Lateral blades 105 mm deep  
Center blade 107x 59 mm



**06-247**  
Center blade only  
54x80 mm



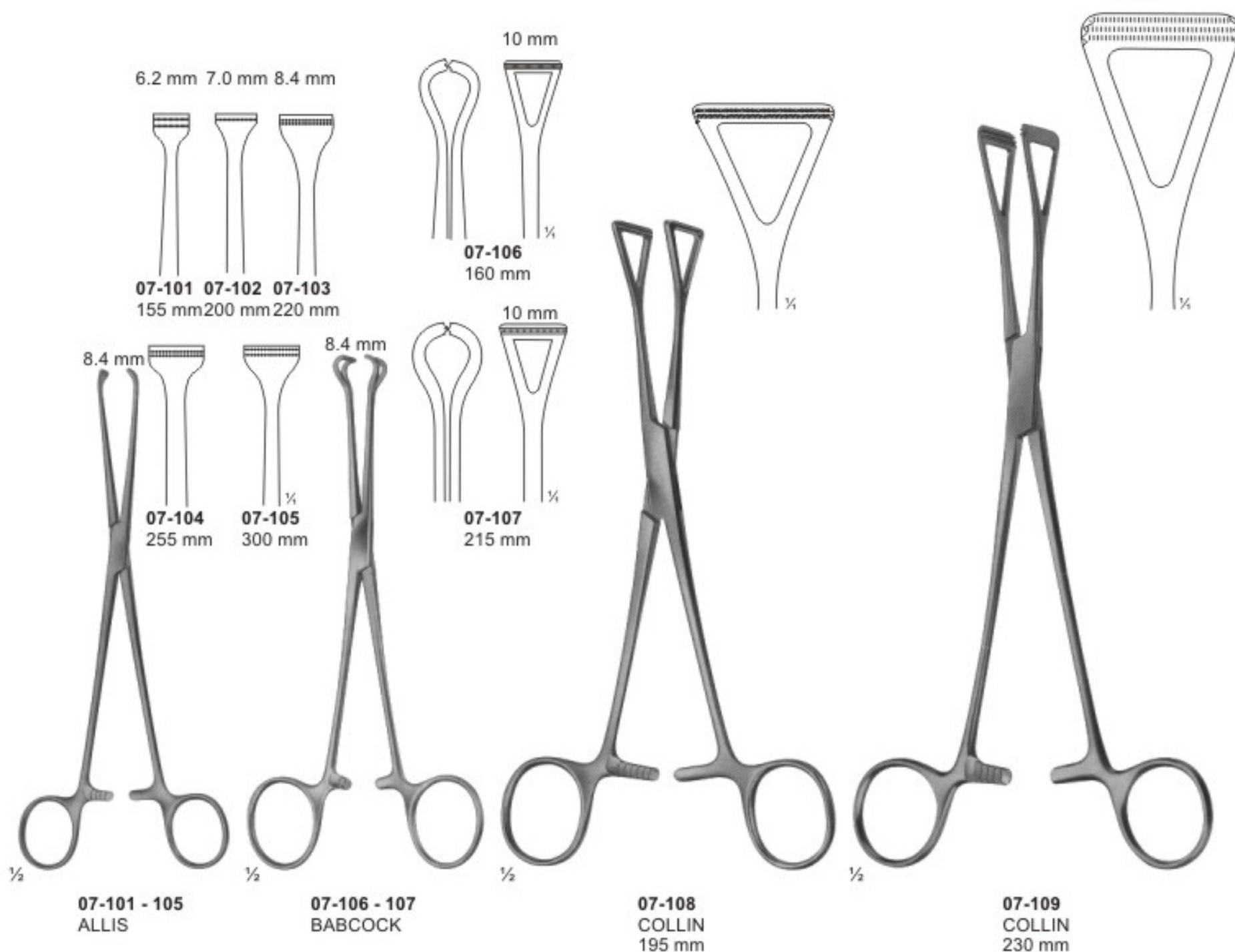
**06-248-251**  
BALFOUR  
Complete  
Spreader only  
Lateral blades 50 mm 60 mm 75 mm 90 mm  
Center blade 47 x 80 mm 62x76 mm 80x80 mm 80x80 mm



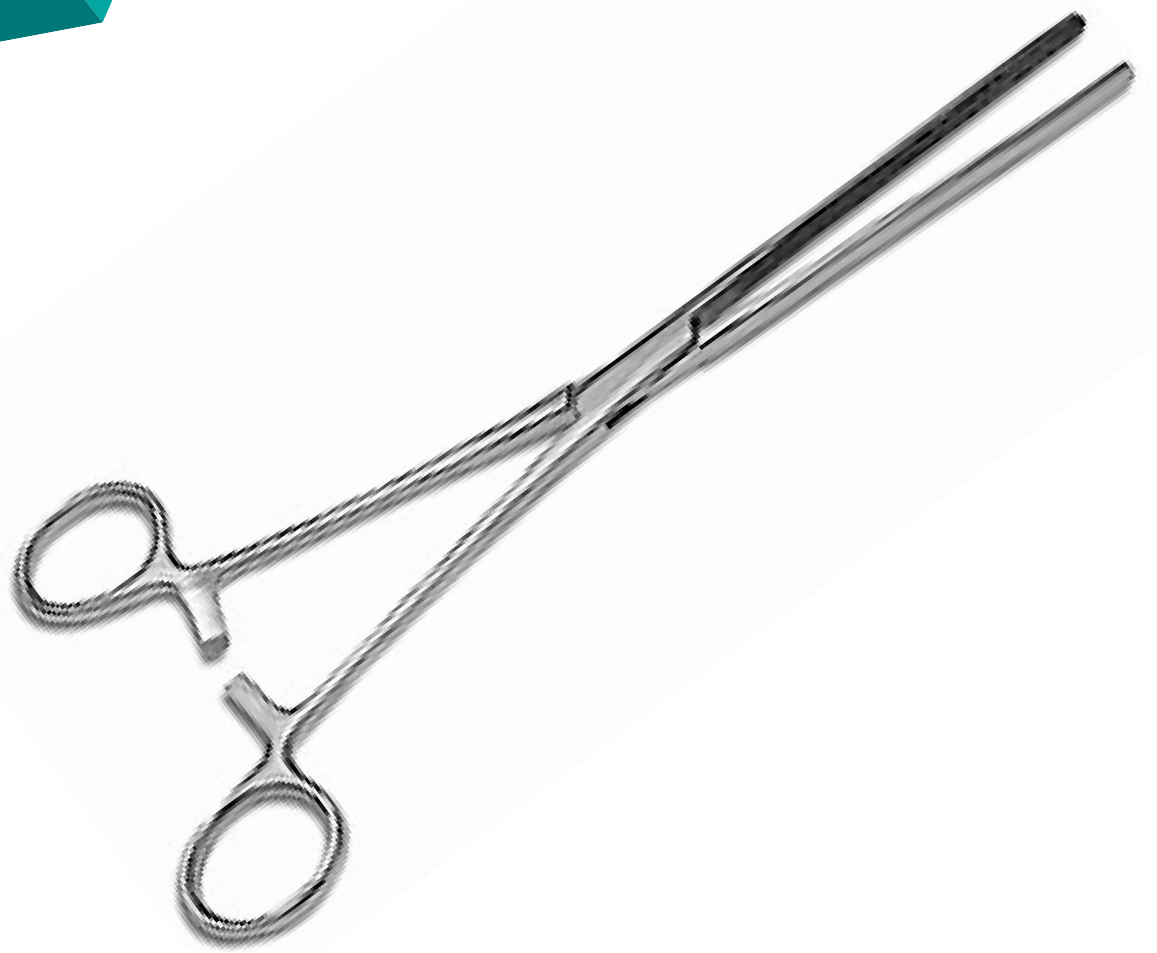
Sales Unit of blades:PR = pair

Lateral blades  
**06-252** 50 mm deep  
**06-253** 60 mm deep  
**06-254** 75 mm deep  
**06-255** 90 mm deep

## Organ-, Tissue and Intestinal Grasping Forceps Organ-, Gewebe- und Darmfaßzangen

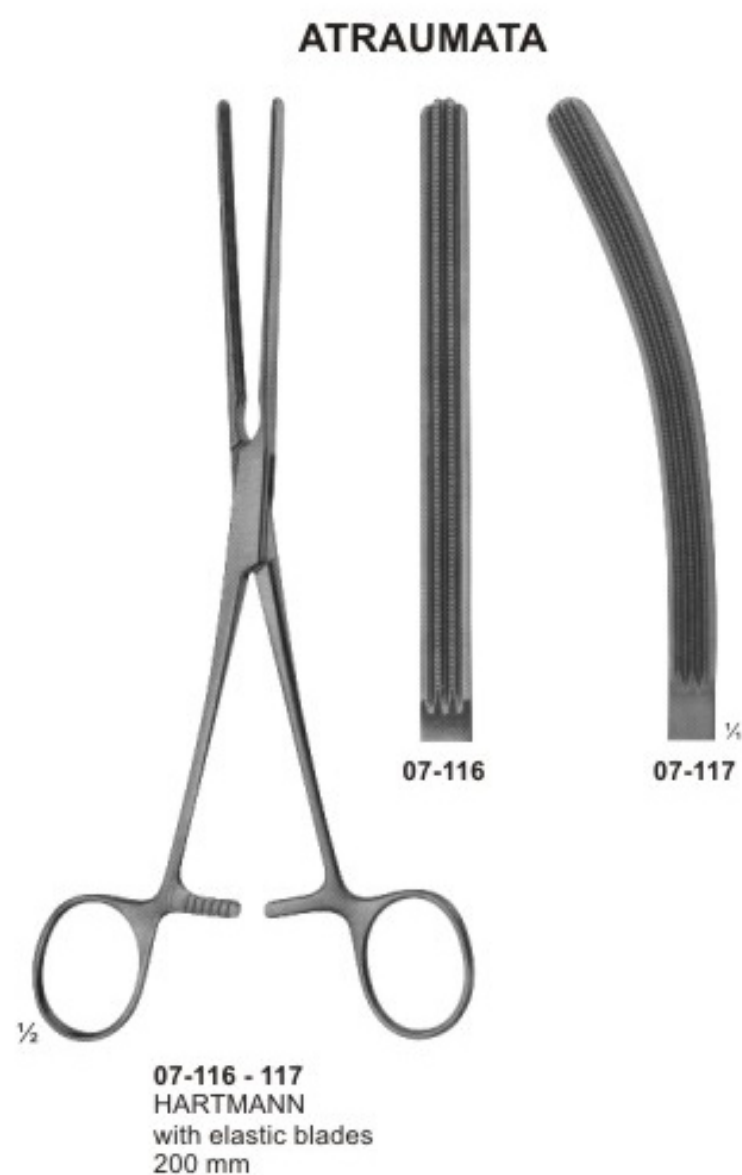
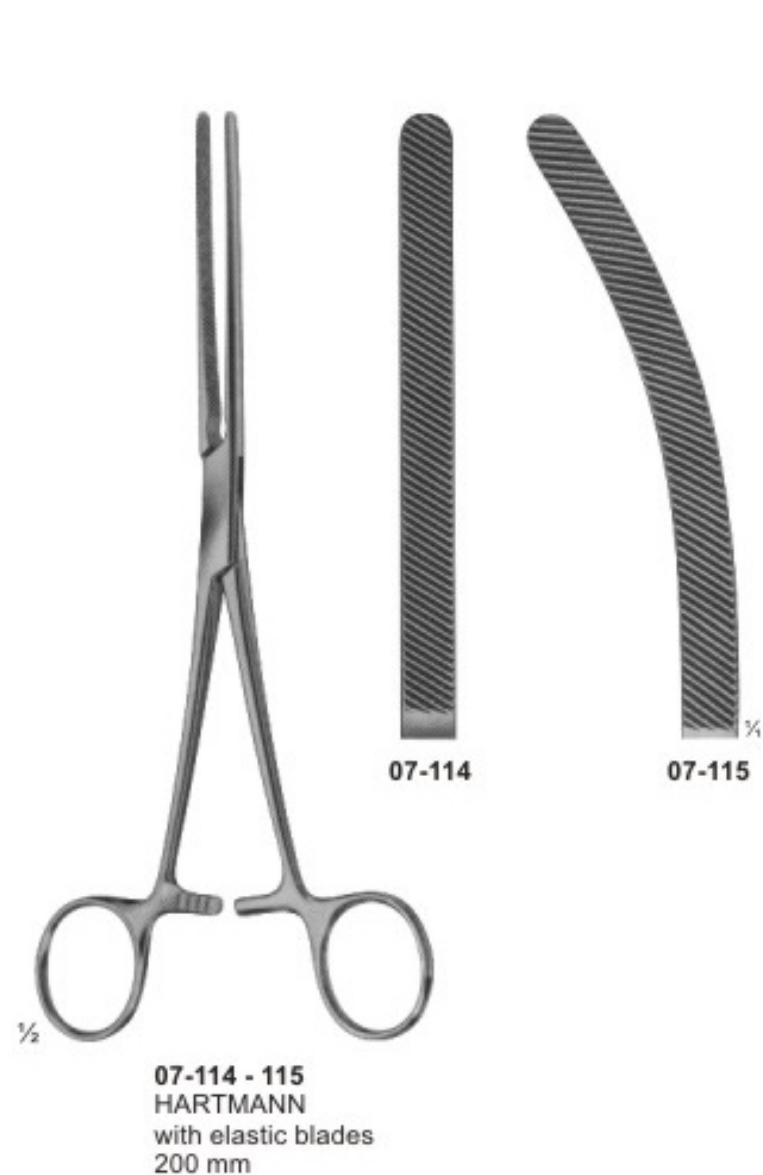
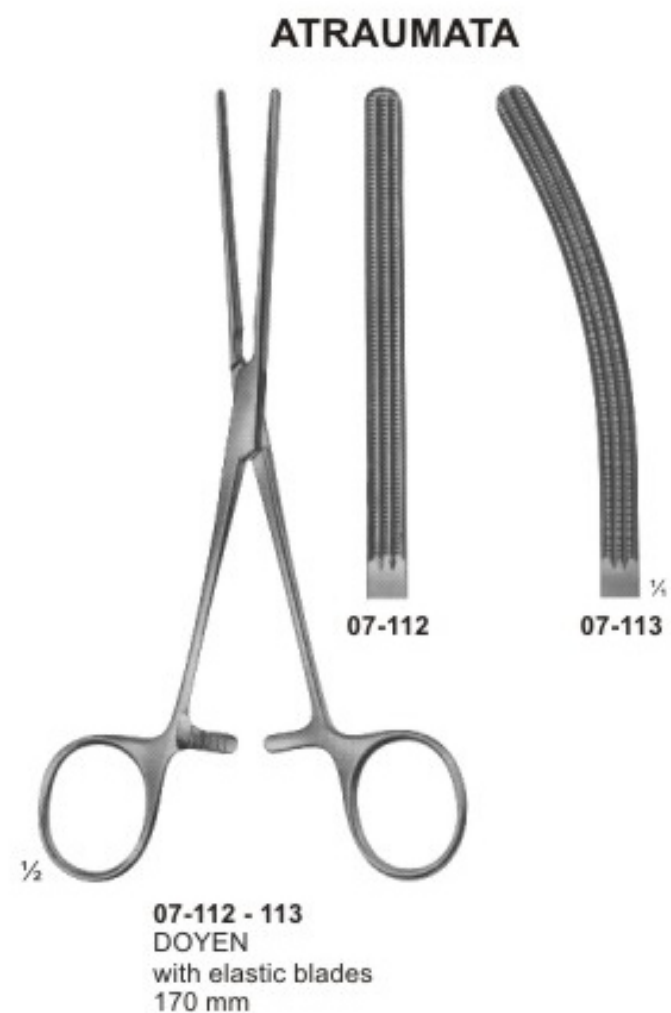
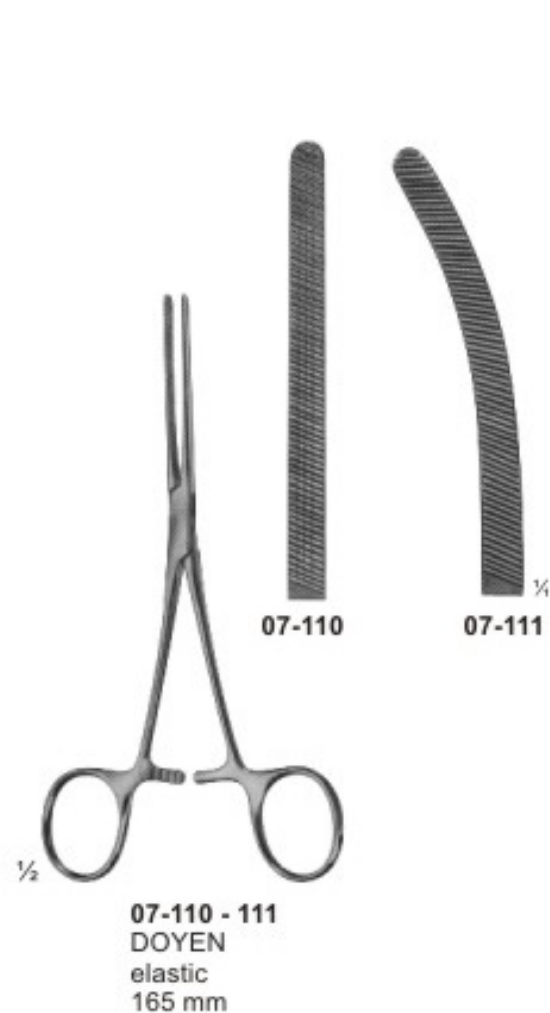


# Abdominal Surgery, Intestinal and Rectal Instruments





## Intestinal Clamps, soft elastic Darmklemmen, weich federnd



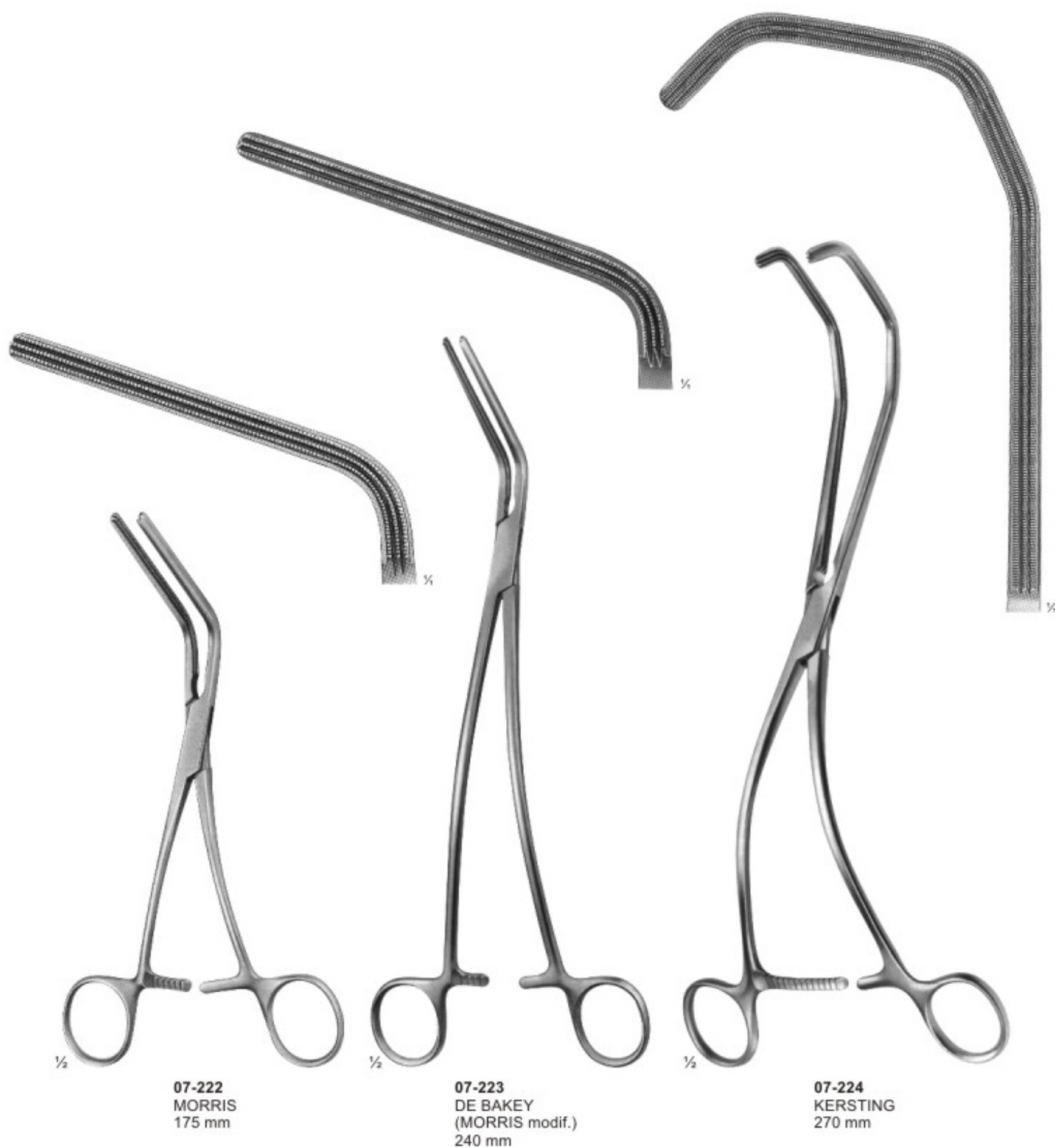
## Intestinal and Pylorus Clamps Darm- und Magenquetschklemmen



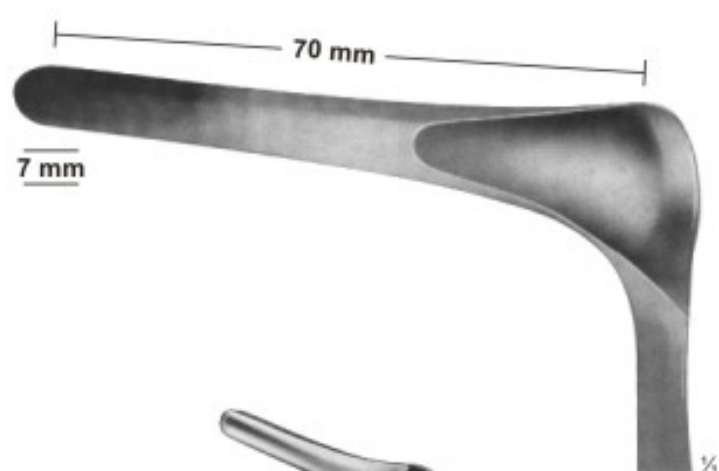
## ATRAUMATA

### Sigmoid Anastomosis Forceps

### Rektum-Anastomosenklemmen



## Rectal Specula Mastdarm-Rektum-Spekula



**08-101**  
KILLIAN  
for children  
145 mm



**08-102**  
SIMS  
160 mm



**08-103**  
SIMS  
160 mm



## Anuscope-Sphincteroscopes Anuscope-Sphinkterskope



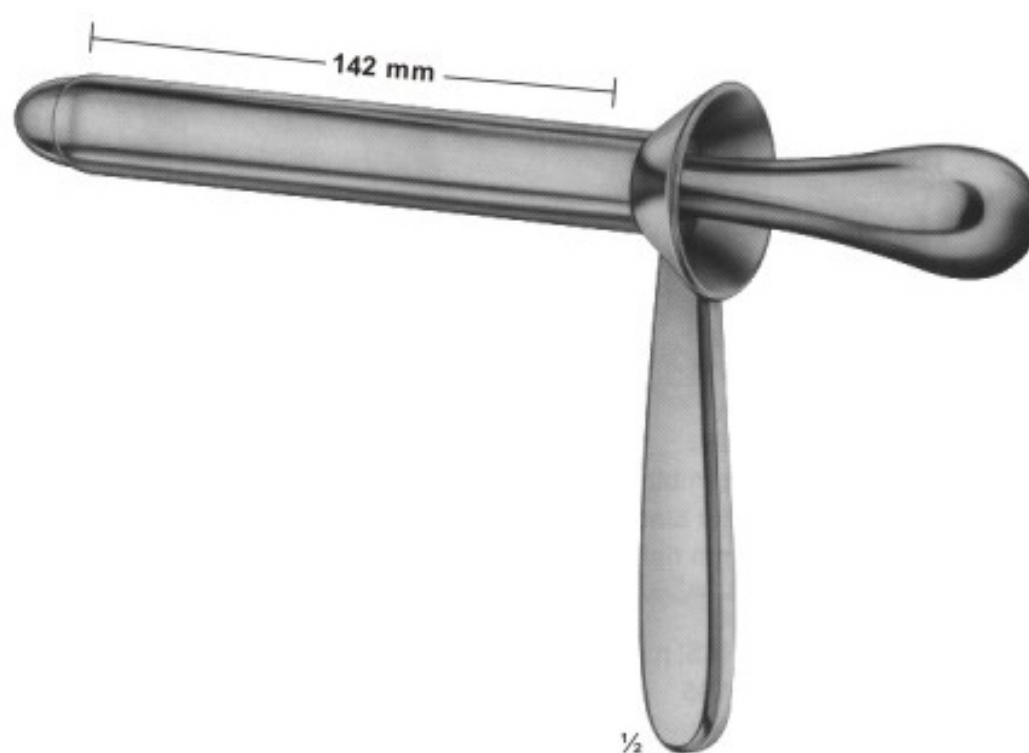
**08-104**  
IVES-FANSLER  
Anuscope  
145 mm  
Ø24mm



**08-105**  
KELLY  
Sphincteroscope  
160 mm  
Ø21mm

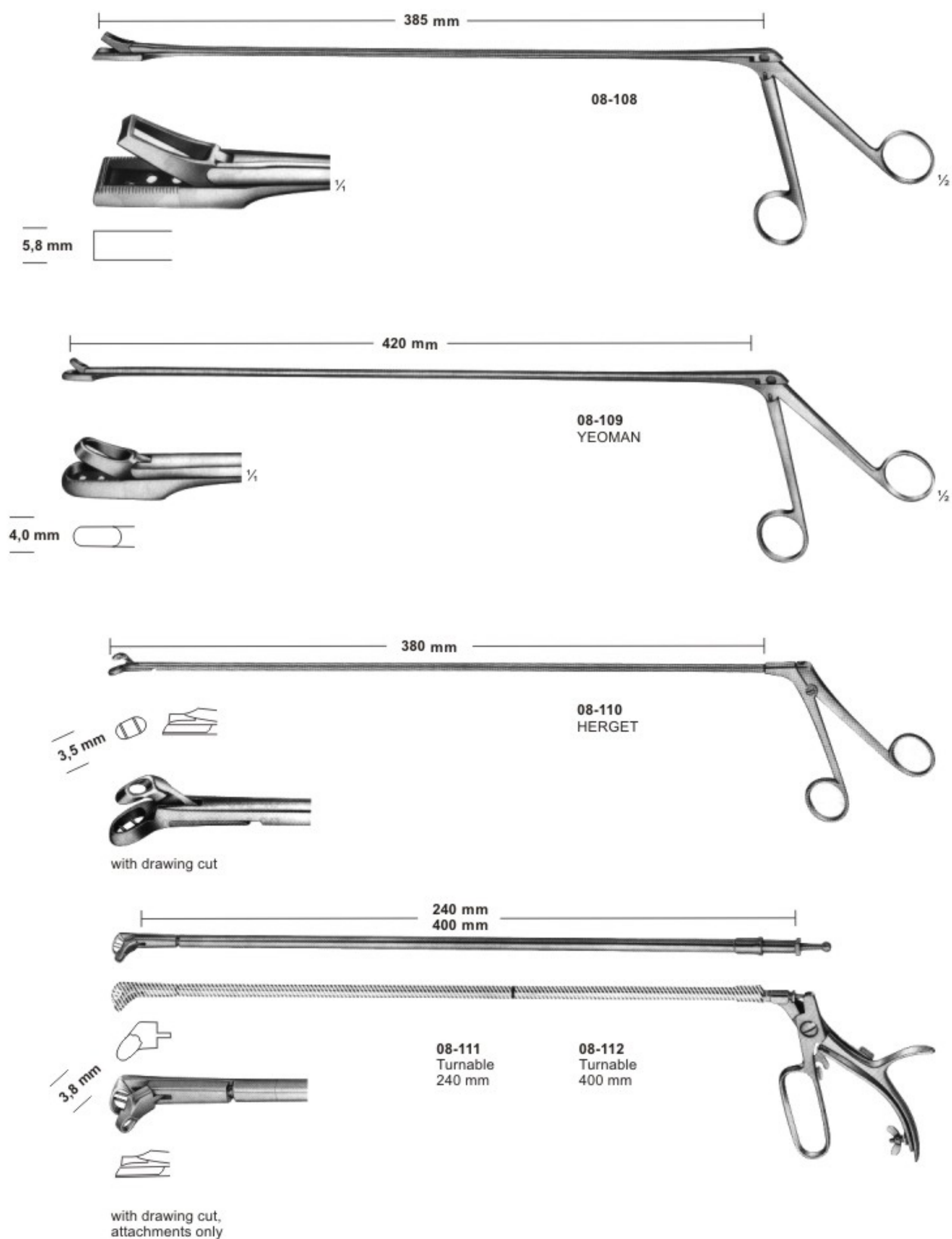


**08-106**  
KELLY  
Sphincteroscope  
160 mm  
Ø27mm



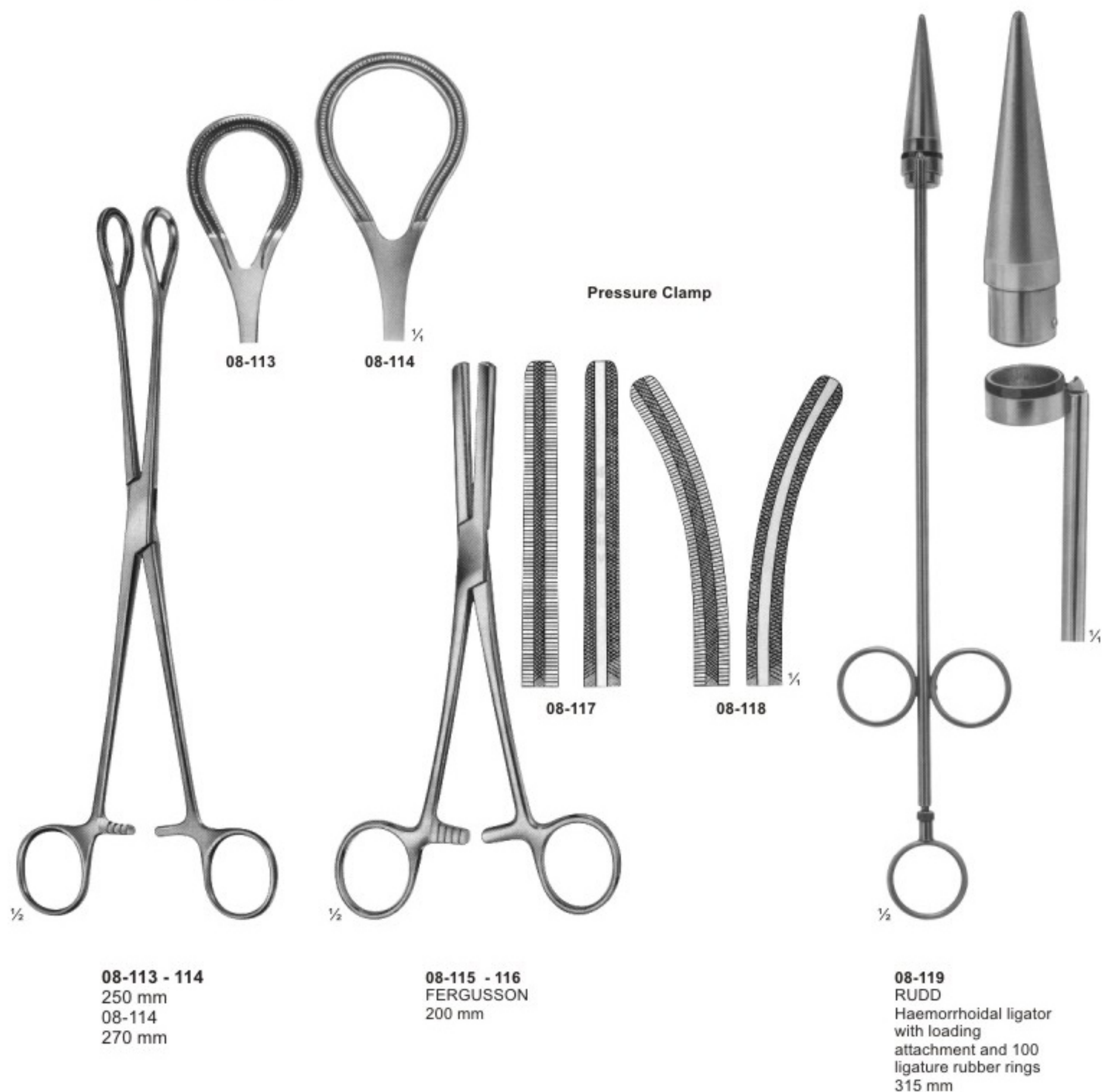
**08-107**  
KELLY  
Proctoscope  
140 mm  
Ø22mm

## Biopsy forceps for rectum Biopsiezangen für Rektum

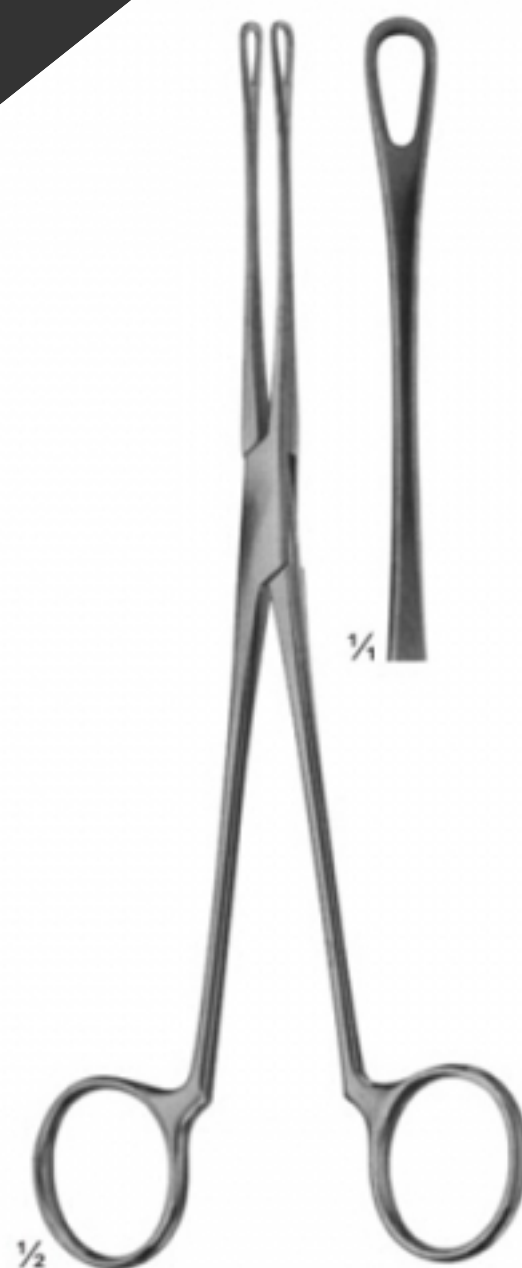


## Haemorrhoidal Forceps Hamorrhoidenklemmen

### ATRAUMATA



# Gall Bladder, Liver and Spleen Instruments





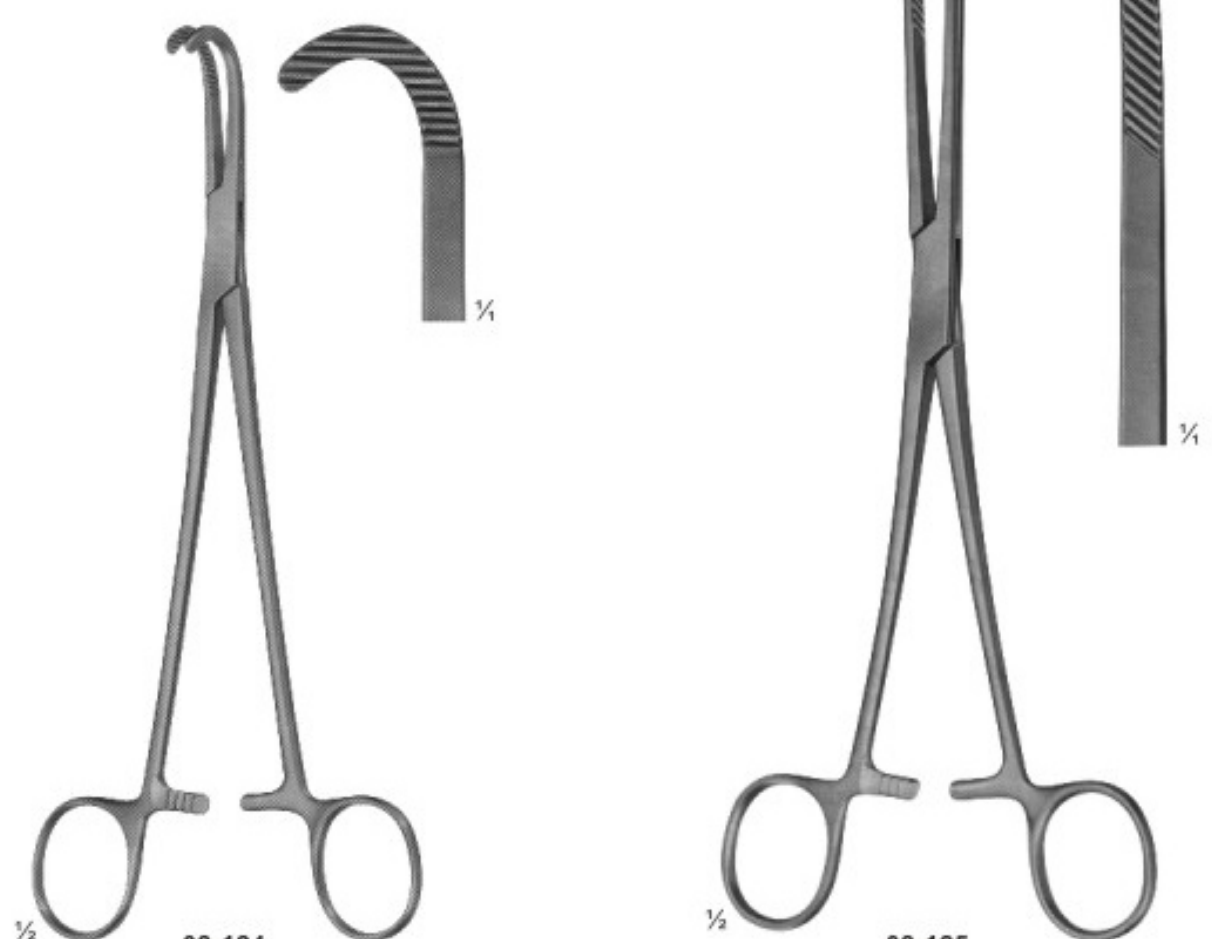
## Gall Duct Forceps Gallenkanal-Klemmzangen



**08-120**  
LOWER  
180 mm

**08-121**  
LAHEY ( SWEET )  
190 mm

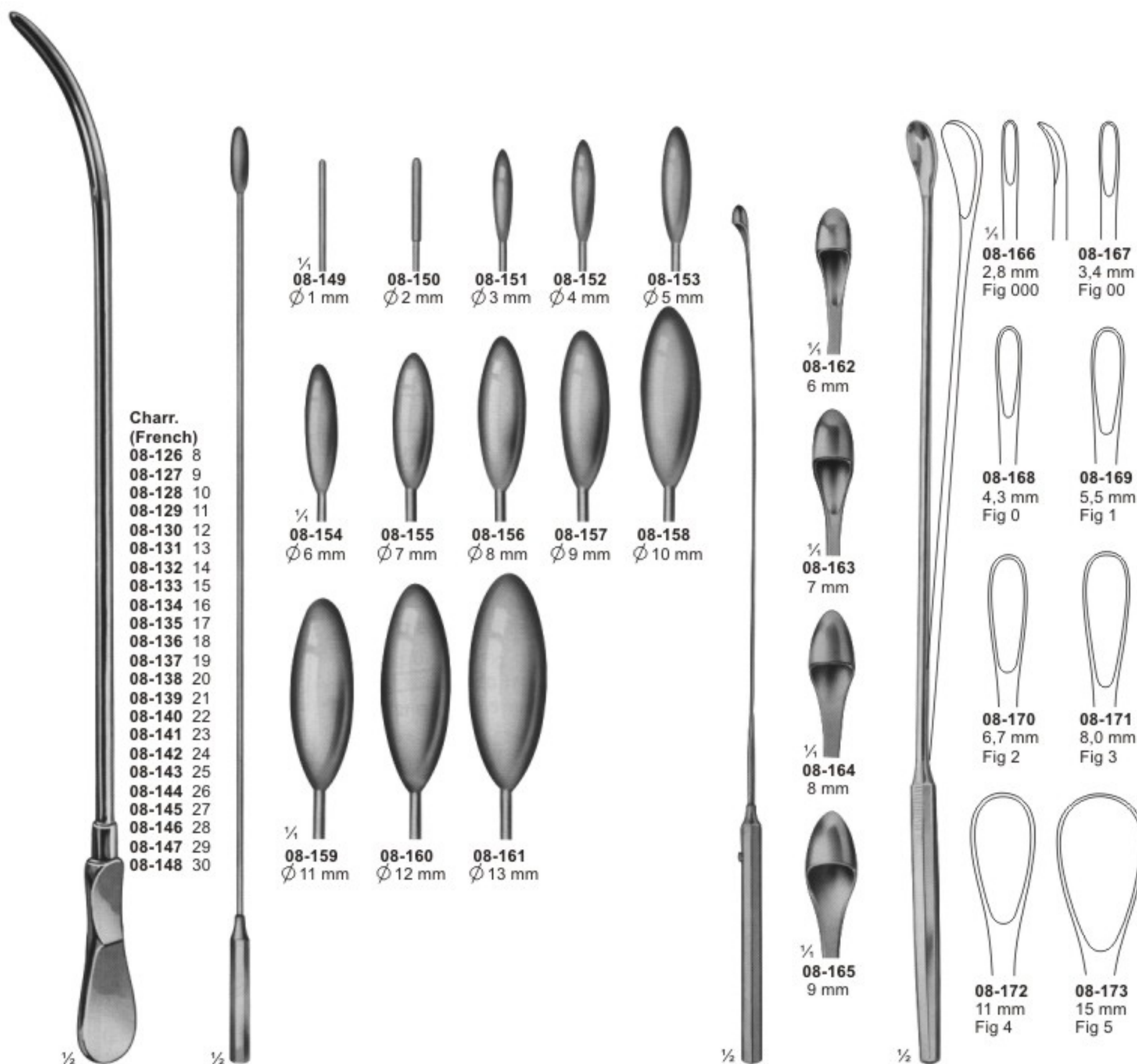
**08-123**  
LAHEY  
220 mm



**08-124**  
DESJARDINS  
Gall duct-and cystic forceps  
210 mm

**08-125**  
NISSEN  
Gall duct-and cystic forceps  
215 mm

## Gall Duct Dilators and Gall Stone Scoops Gallengangdilatoren und Gallensteinloeffel



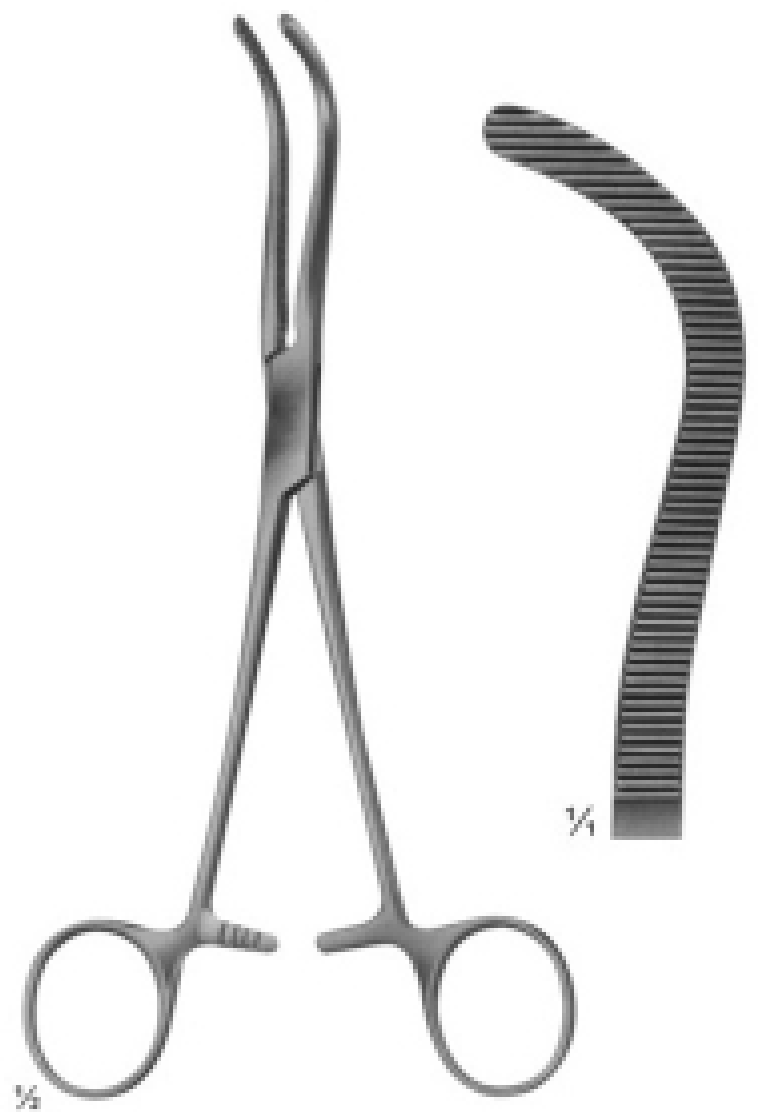
**08-126 - 148**  
**DITTEL**  
Metall bougies and  
dilating sounds, stiff  
345 mm

**08-149 - 161**  
**BAKES**  
Common bile duct  
dilators, malleable  
08-149-153 315 mm  
08-154-161 320 mm

**08-162 - 165**  
**DESJARDINS**  
Probe and catch  
with flexible shaft  
300 mm

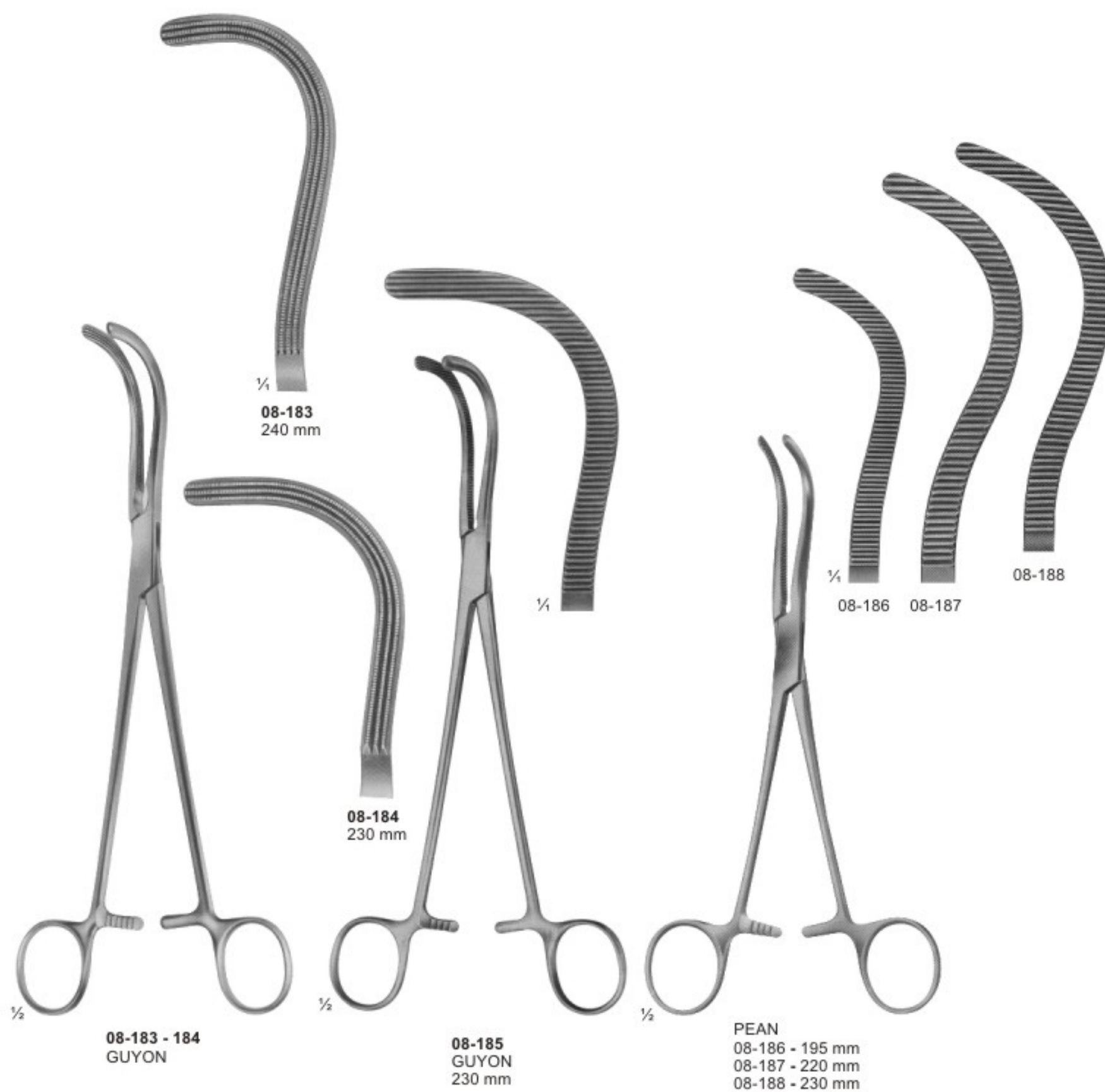
**08-166 - 173**  
**LUER-KOERTE modif**  
with malleable shaft  
310 mm

# Genito-Urinary Instruments and Trocars



## Kidney Clamps Nierenklemmen

### ATRAUMATA





## Kidney Stone Forceps Nierensteinzangen



08-189



08-190



08-191



$\frac{1}{4}$   
08-192



08-189 - 192  
RANDALL  
225 mm



08-193



08-194

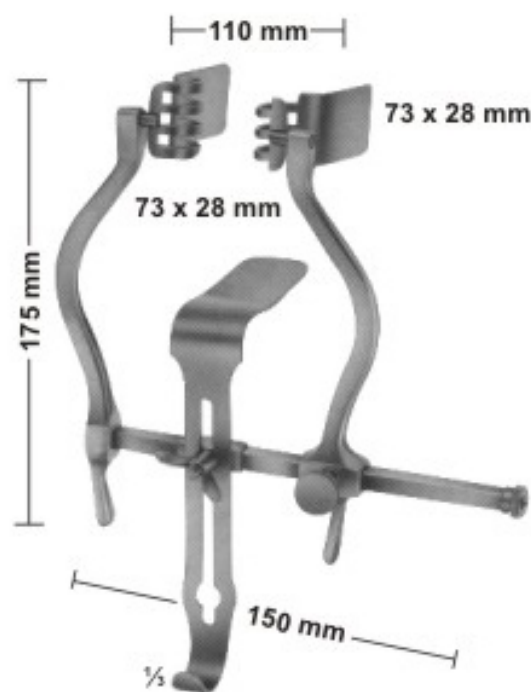


$\frac{1}{4}$   
08-195

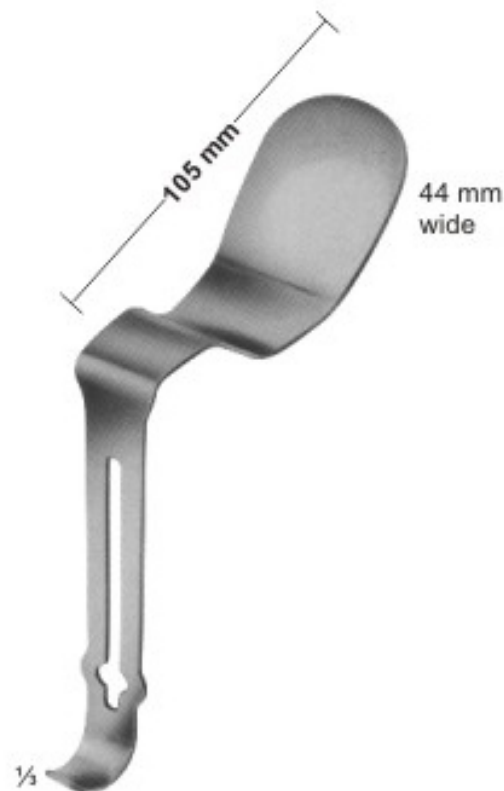


08-193 - 195  
RANDALL  
190 mm

## Bladder Retractors Blasenwundspreizer



**09-101**  
**JUDD-MASSON**  
Bladder-and suprapubic  
retractor



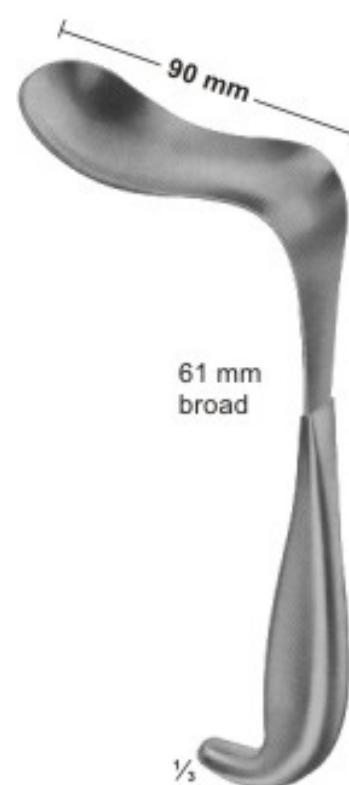
**09-102**  
**MILLIN**  
Center bladder for  
retro pubic prostatectomy



**09-103**  
**MILLIN**  
Bladder retractor, complete  
105X45 mm

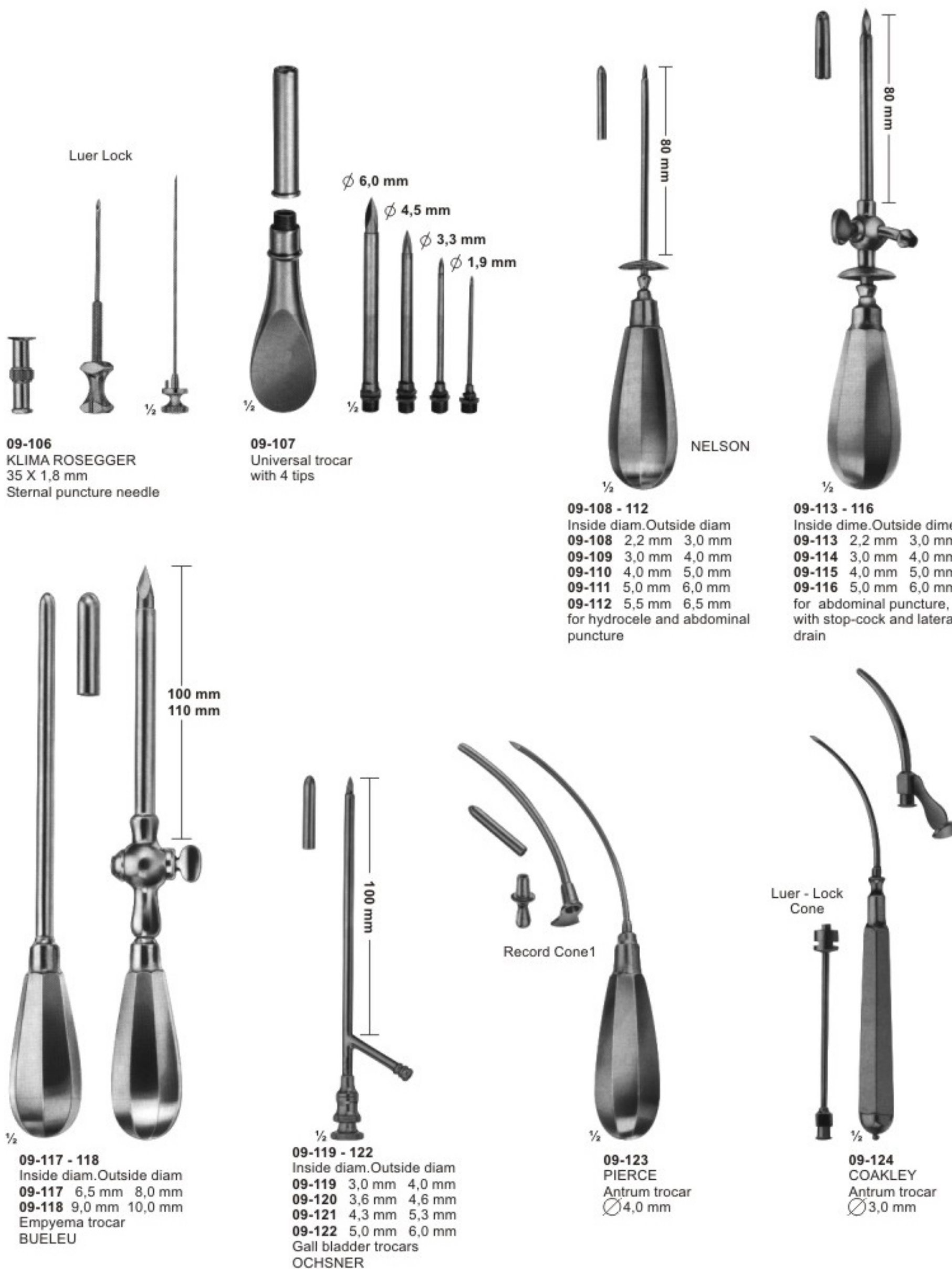


**09-104**  
**LEGUEU**  
Bladder retractor  
Center blade  
80 x 31 mm



**09-105**  
**KOCHER**  
Bladder spatula  
235 mm

## Trocars Trokare

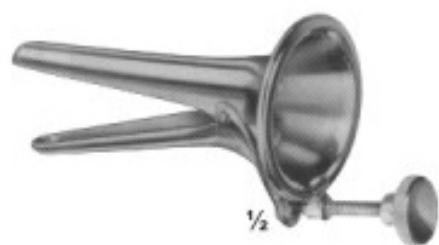


# Vaginal Specula and Uterine Dialators

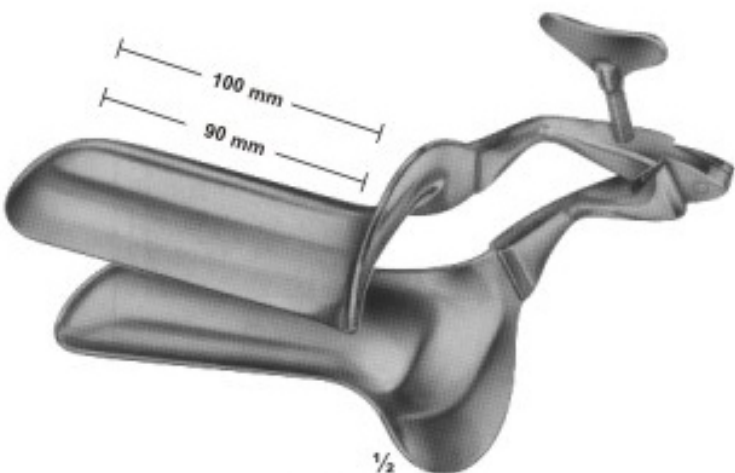




## Vaginal Specula Scheidenspekula



**10-101**  
COLLIN  
for children  
53 x 10 mm



**10-102 - 105**  
COLLIN  

<b>10-102</b>	100/90mm	28 mm
<b>10-103</b>	100/90mm	32 mm
<b>10-104</b>	105/95mm	35 mm
<b>10-105</b>	115/105mm	40 mm
Total length/working length		width



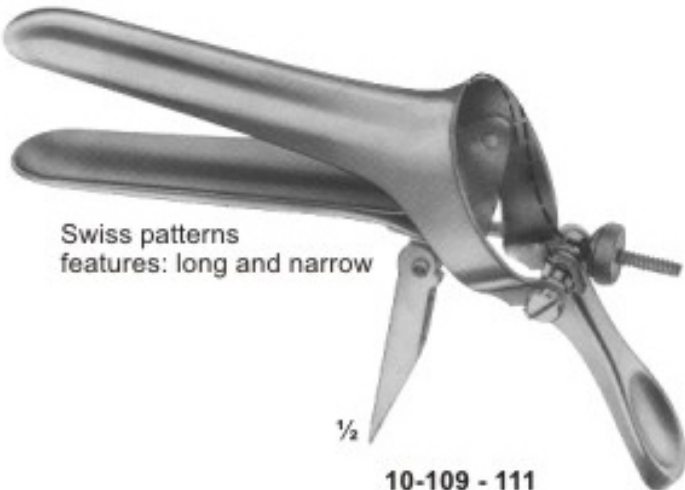
**10-106**  
COLLIN  
for virgins  
95/85 x 18 mm



**10-107**  
CUSCO  
for virgins  
75 x17 mm



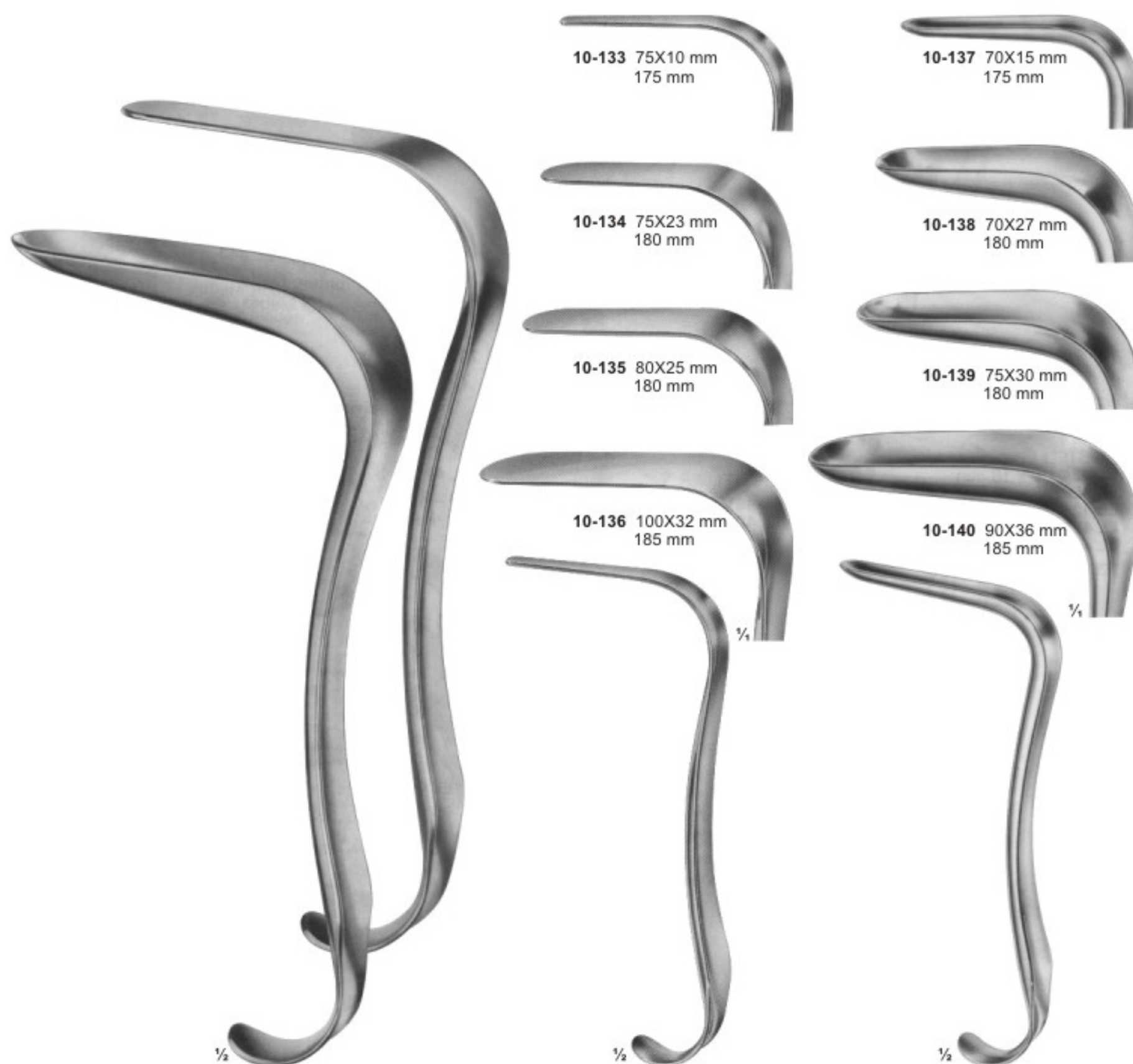
**10-108**  
CUSCO  
for virgins  
75 x17 mm



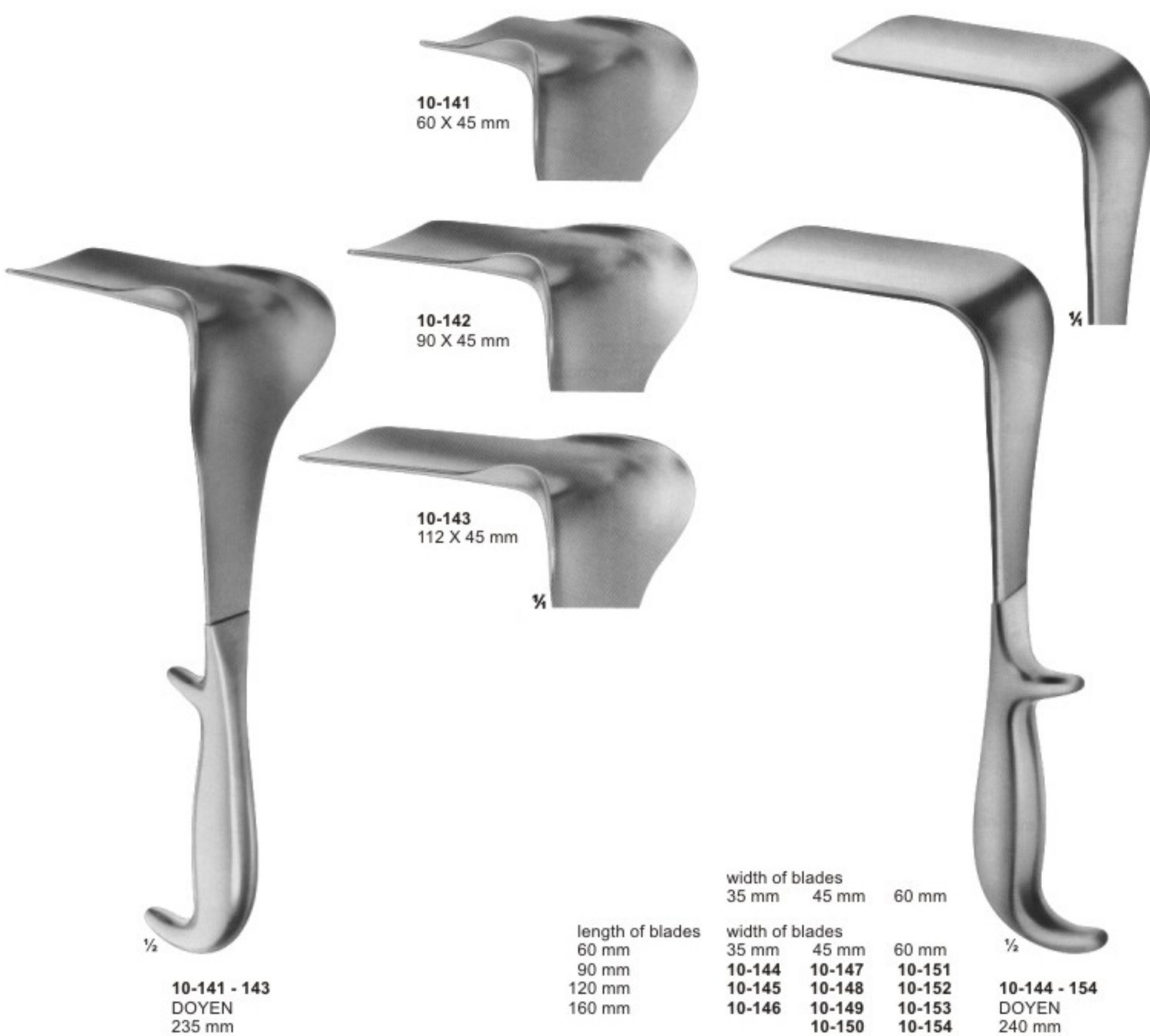
**10-109 - 111**  
CUSCO  

<b>10-109</b>	92X23-25 mm
<b>10-110</b>	100x25-27 mm
<b>10-111</b>	110x27-30 mm

## Vaginal Specula- upper and lower blades Scheidenspekula-obere und untere Blatter



## Vaginal Specula Scheidenspekula



## Vaginal Retractors Vulva-Spreizer



**10-155**  
JOLL (FRIEDMAN)  
155 mm



**10-156**  
RICHTER  
170 mm



**10-157**  
GELPI  
135 mm



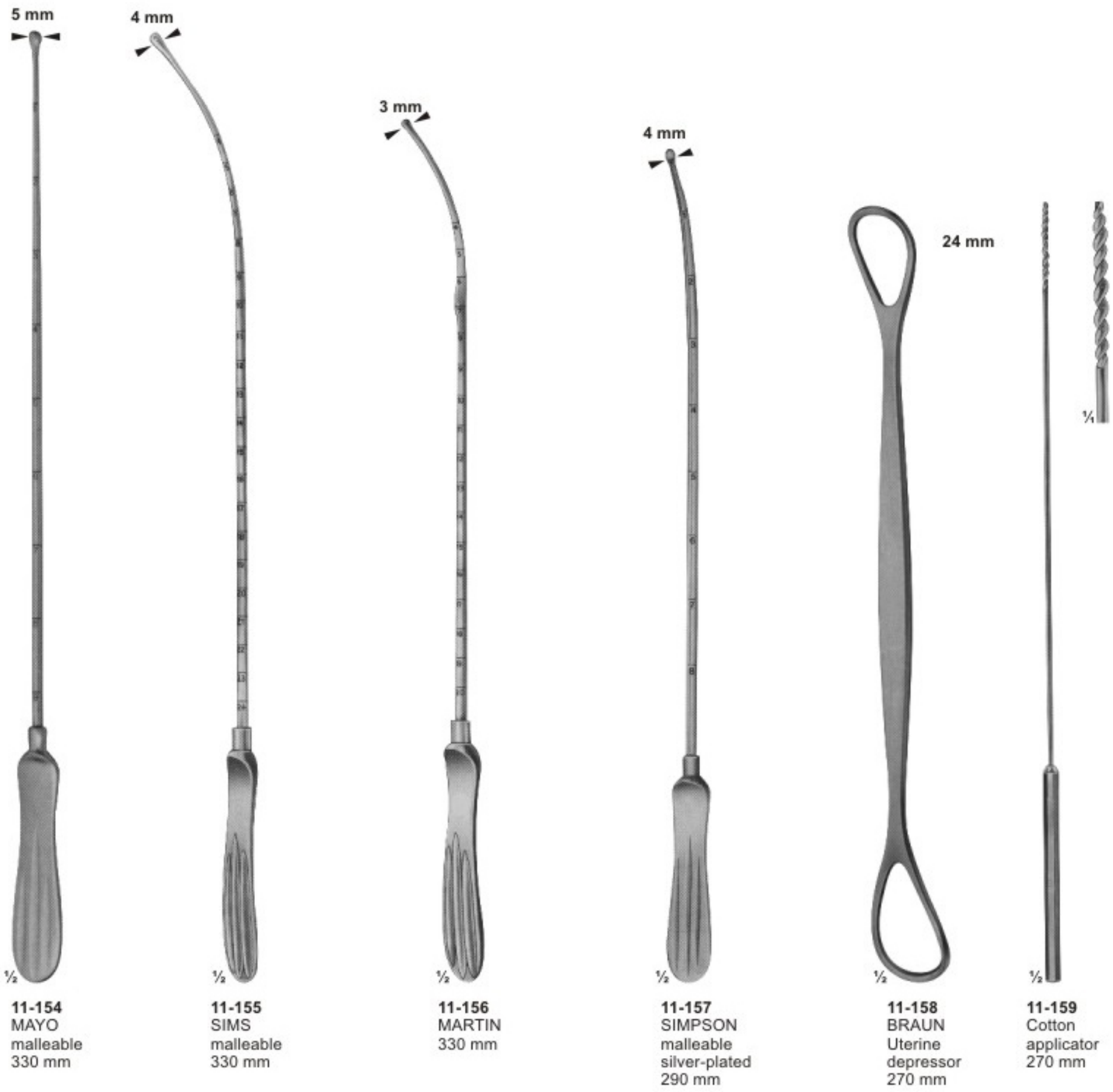
**10-158**  
GELPI  
175 mm



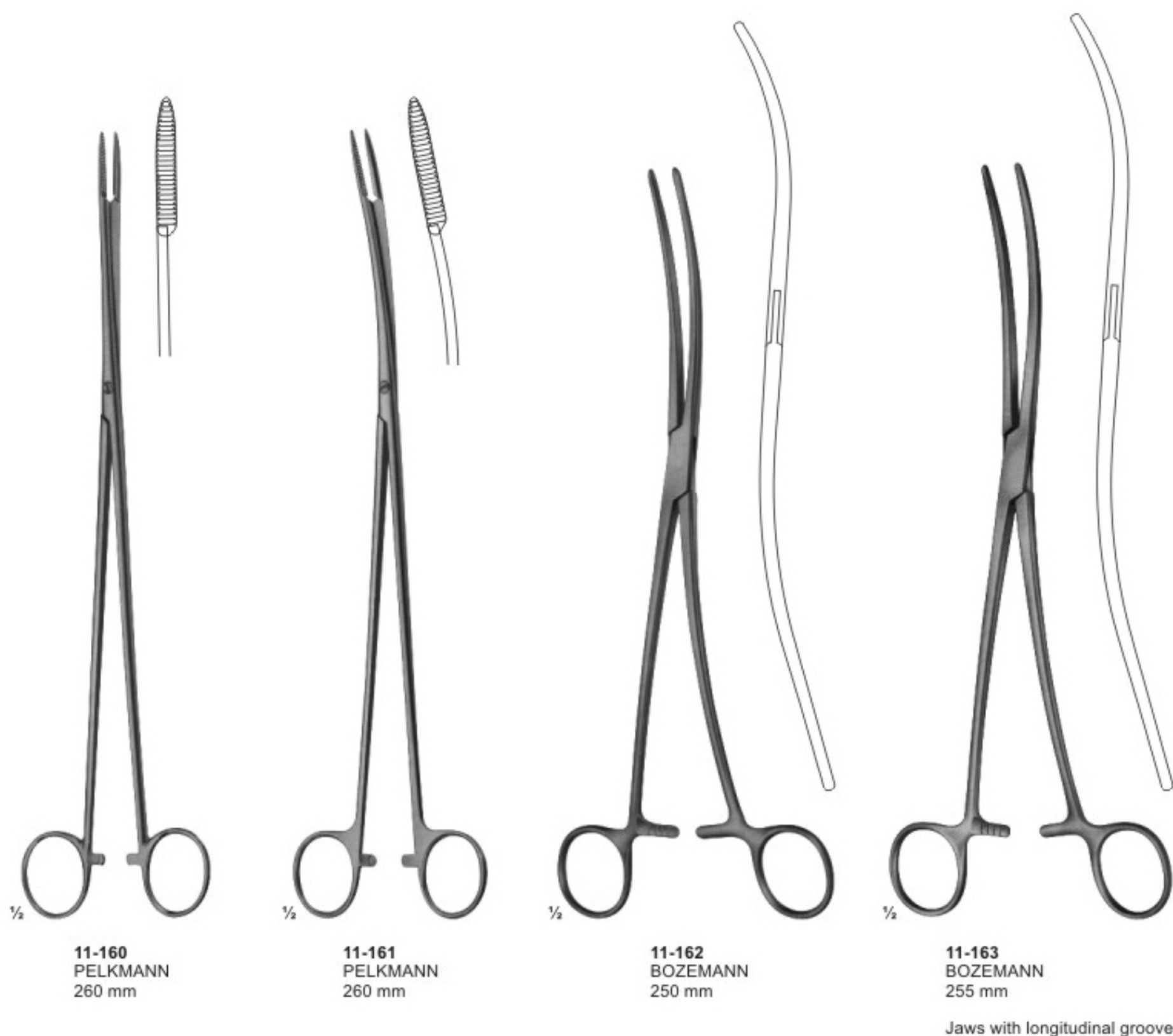
# Uterine Probes, Uterine Dressing, Polypus and Ovum Forceps



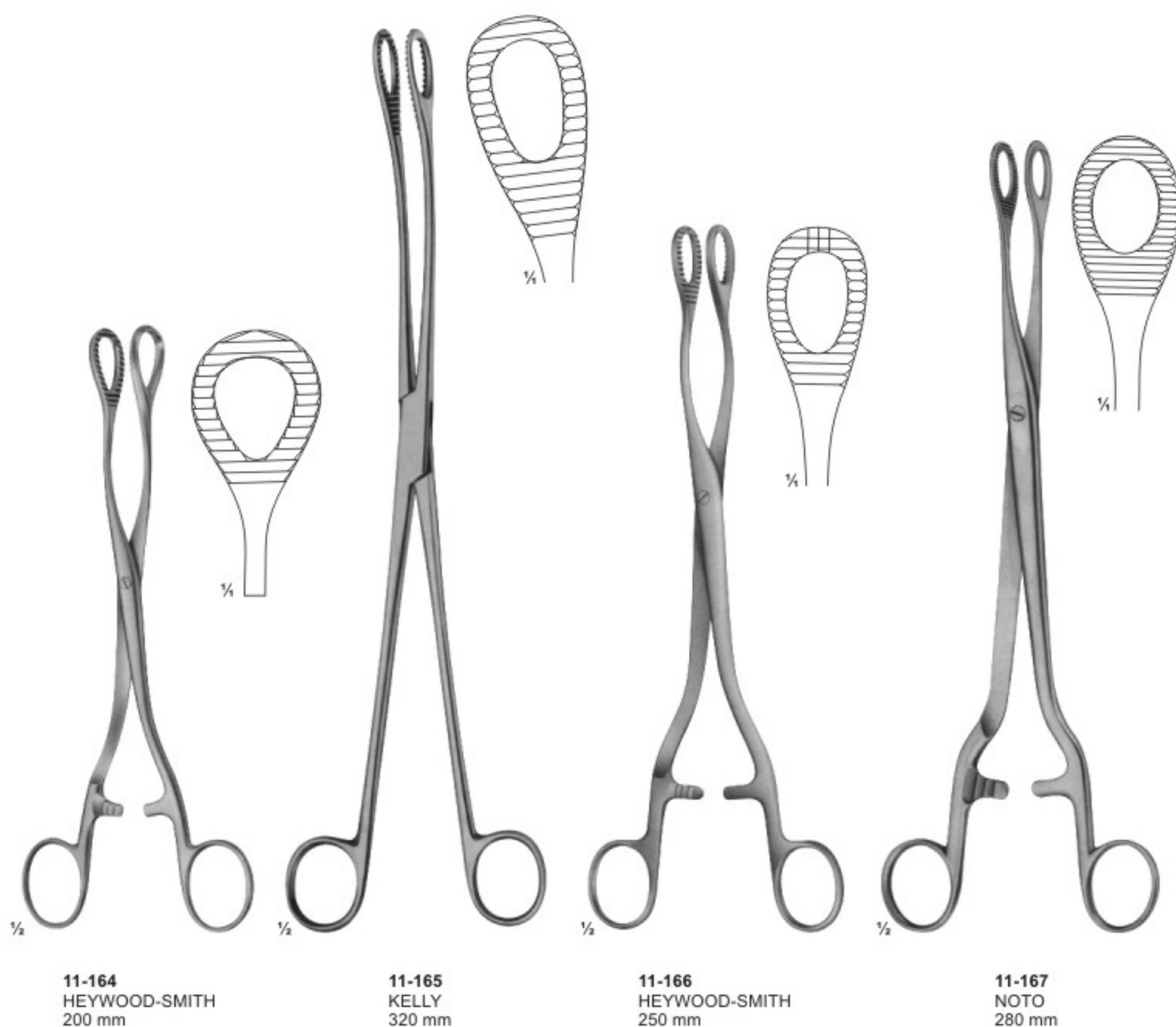
## Uterine Probes Uterussonden



## Uterine Dressing Forceps Tamponzangen



## Polypus-and Ovum Forceps Polypen- und Ovarienzangen

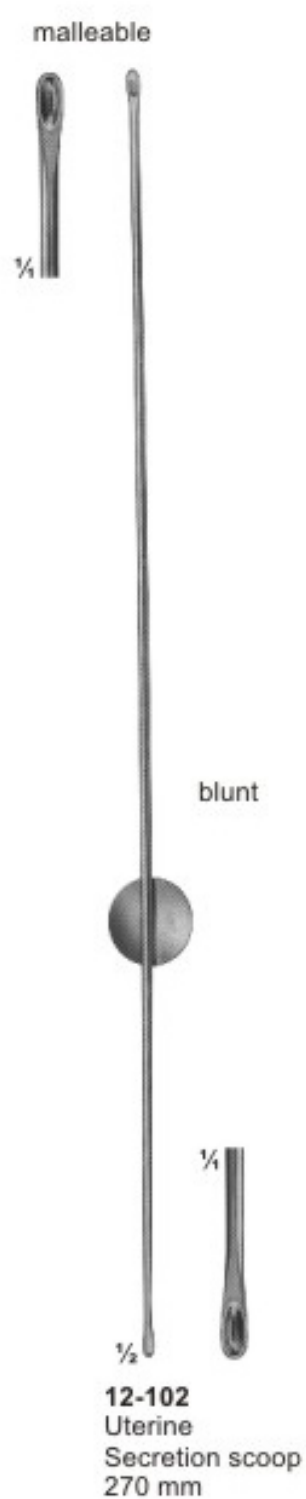
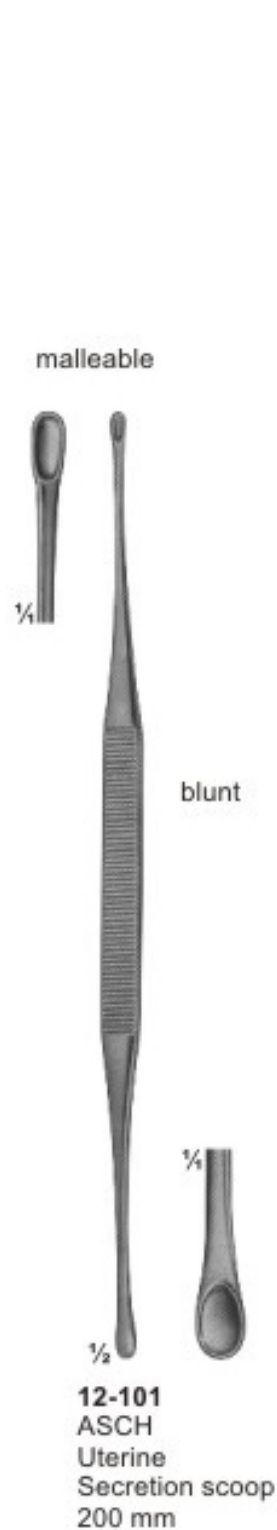




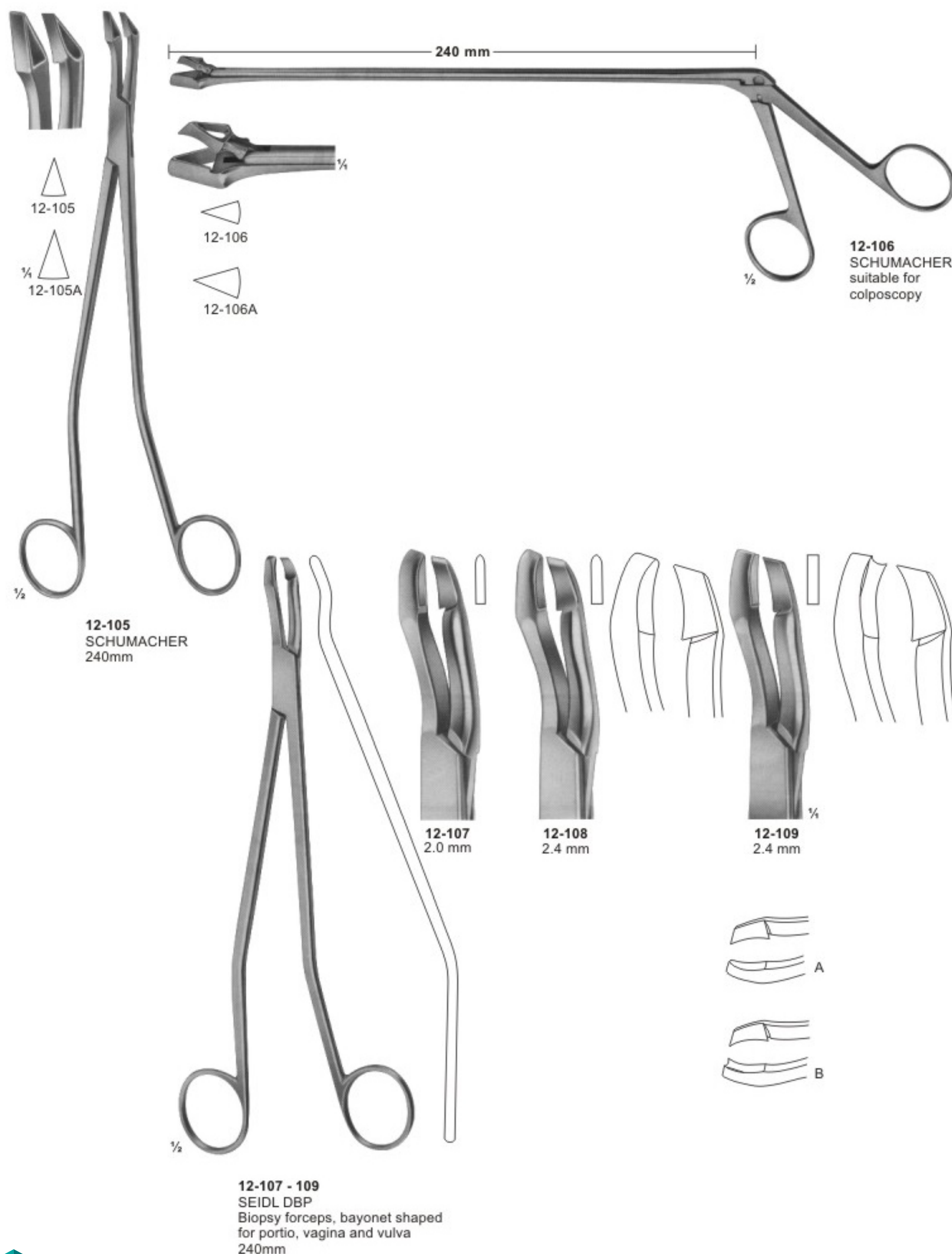
# Biopsy Instruments and Curettes



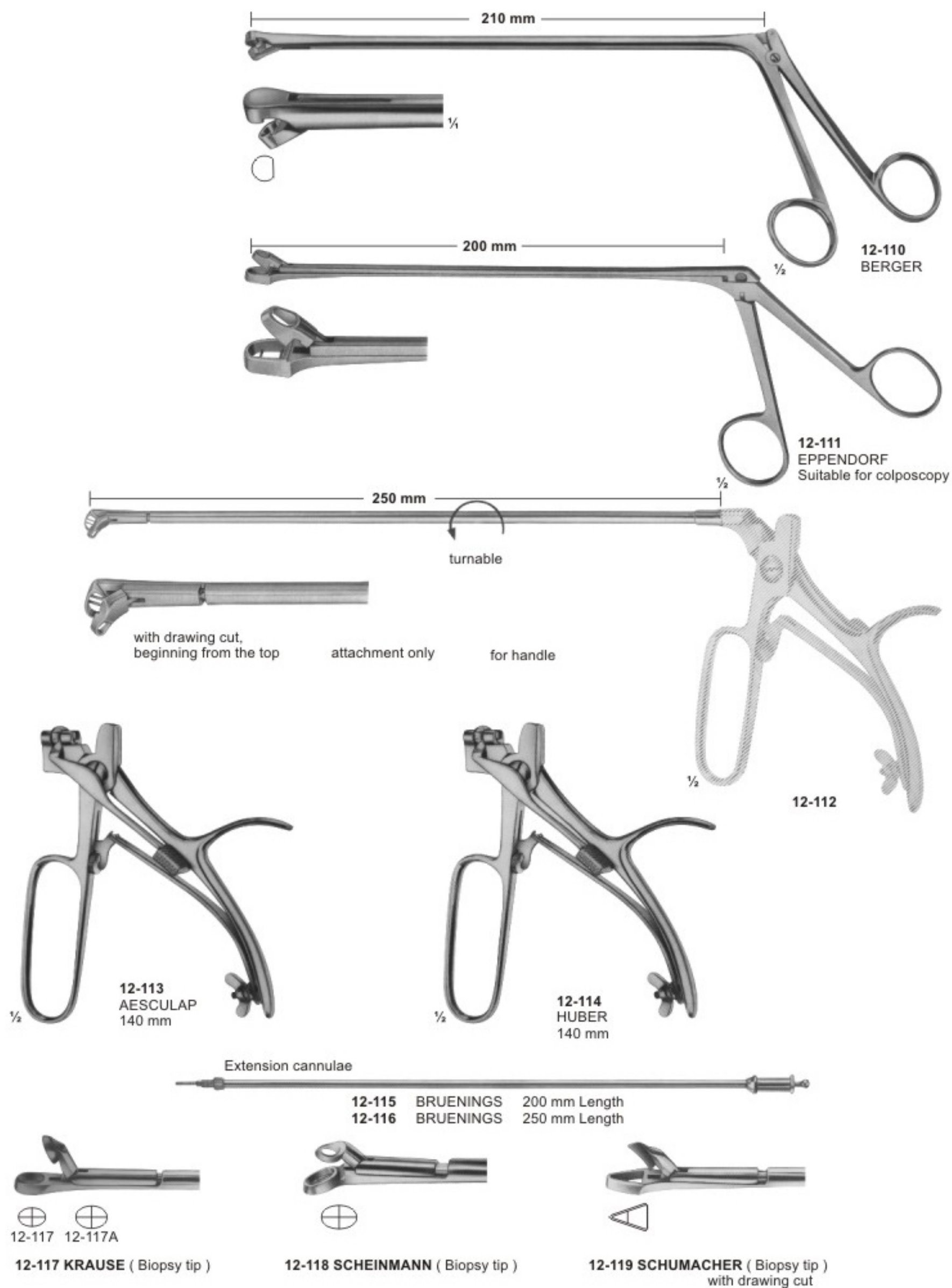
## Biopsy Curettes Biopsiekuretten



## Biopsy Forceps Biopsiezangen

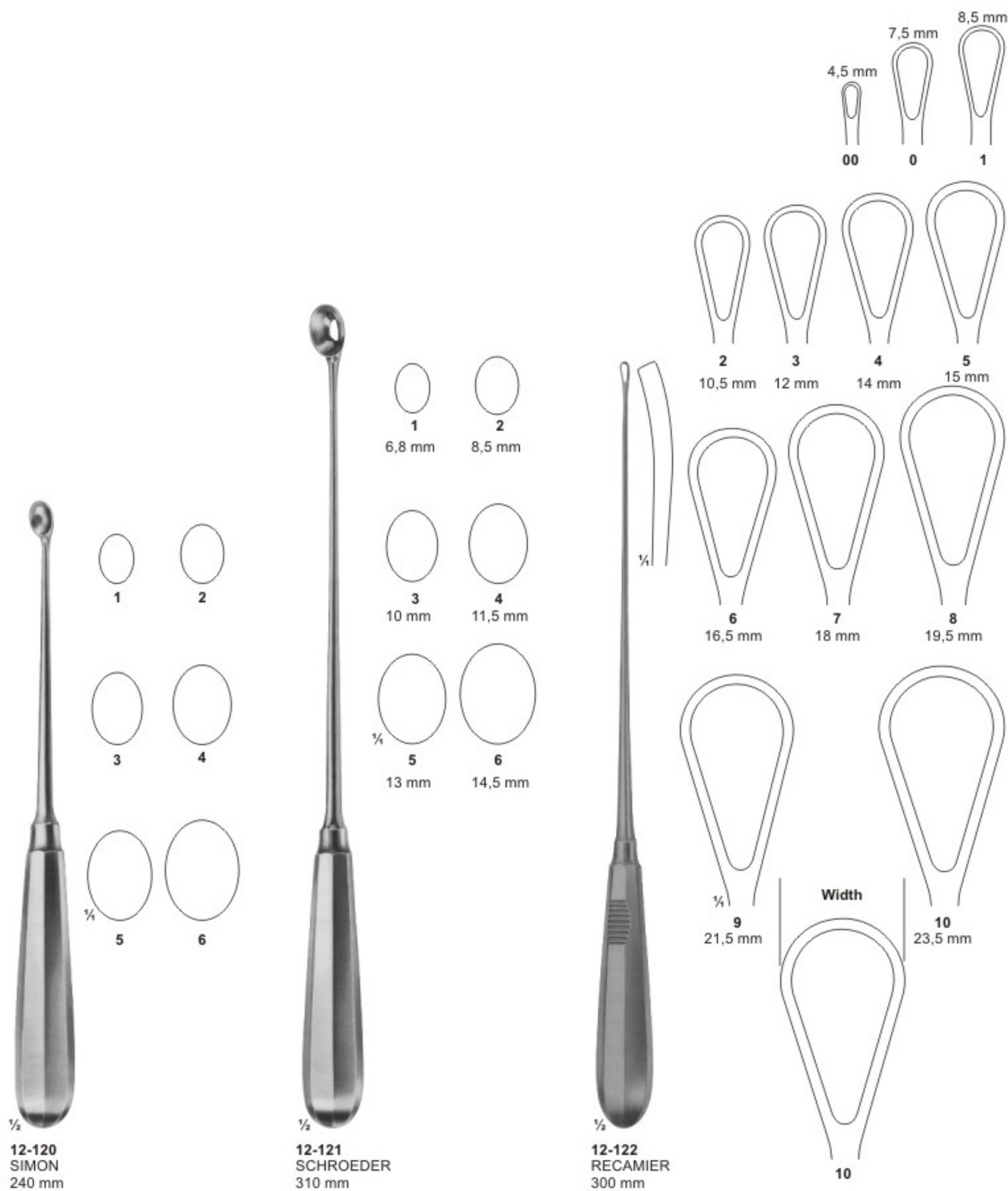


## Biopsy Forceps Biopsiezangen

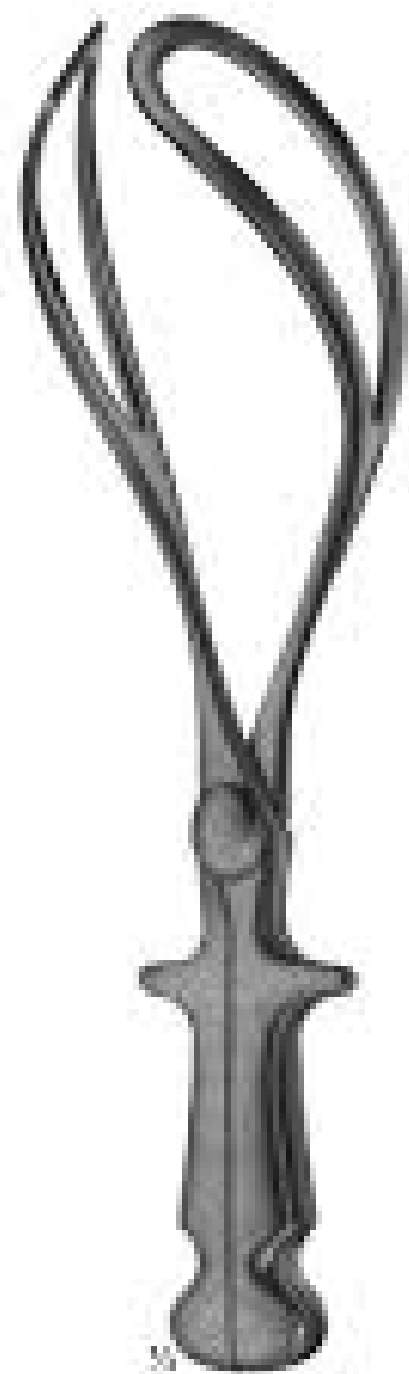




## Uterine Scoops Uterusloffel



# Obstetric and Tracheotomy



## Obstetrical Forceps Geburtszangen

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**13-101**  
NAEGELE  
355 mm

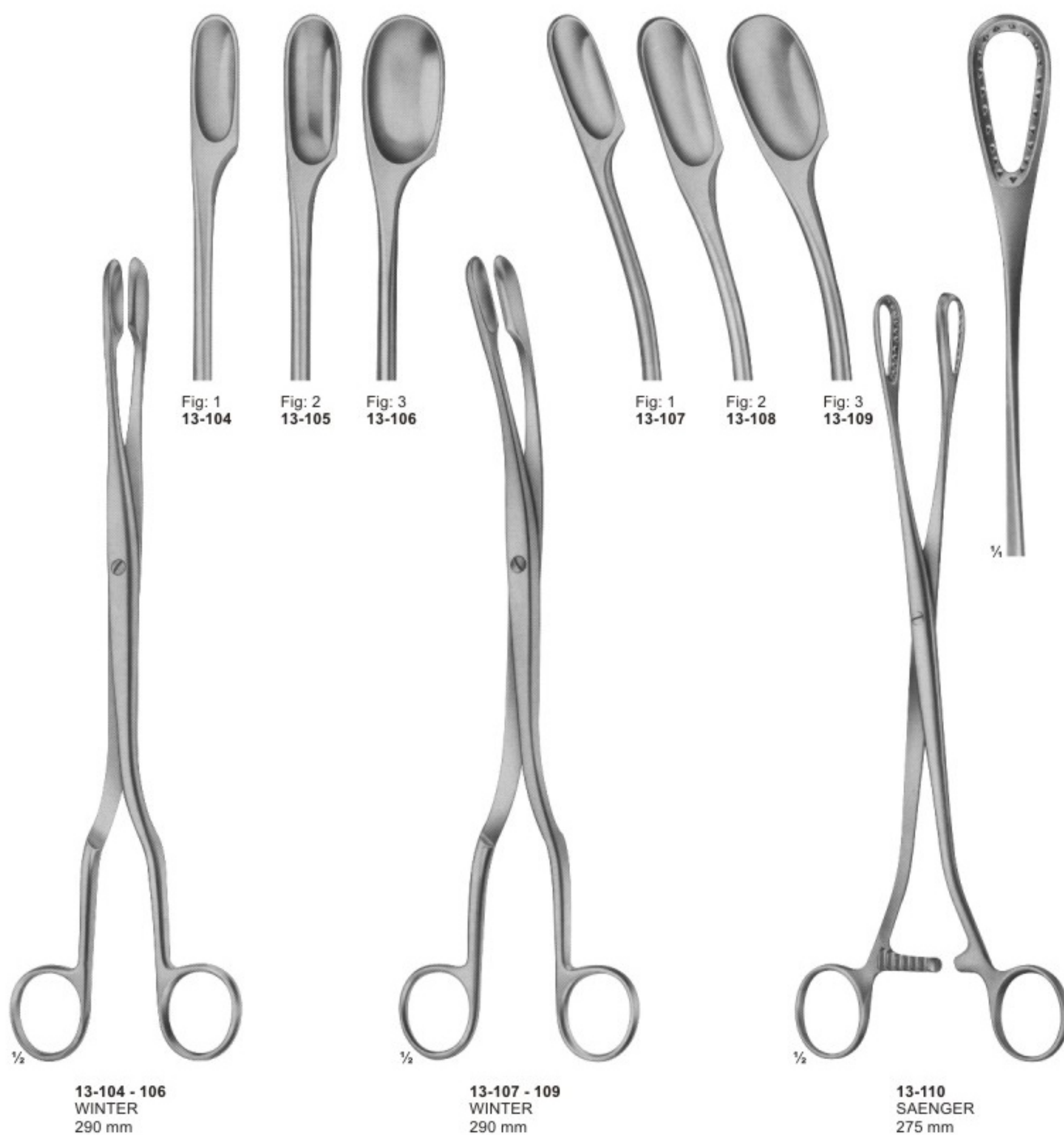


**13-102**  
NAEGELE  
400 mm



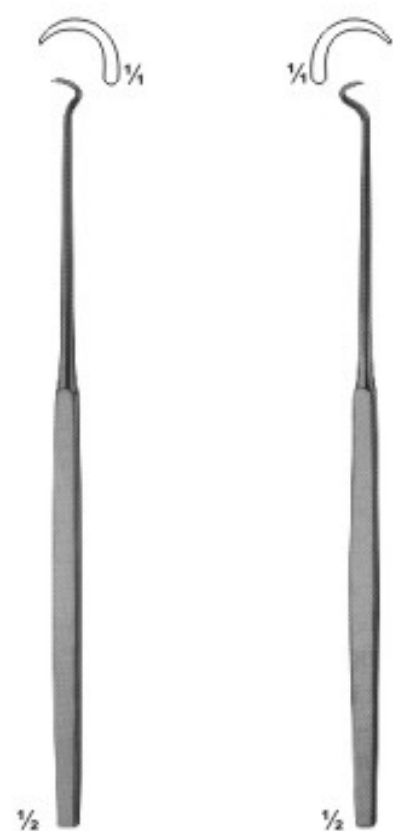
**13-103**  
SIMPSON-BRAUN  
305mm

## Obstetrics- Placenta and Ovum Forceps Geburtshilfe- Plazentar- und Abortuszangen





## Tound-and Tracheal Hooks and Dilators Tund-, Trachealhakchen, dilatatoren



**13-111**  
BOSE  
165 mm



**13-112**  
BOSE  
165 mm



**13-113 - 115**  
180 mm

**13-113**  
sharp



**13-114**  
blunt



**13-115**  
stumpf/blunt



**13-116**  
FINSEN  
50 mm



**13-117**  
FINSEN  
70 mm



**13-118**  
TROUSSEAU  
120 mm



**13-119**  
LABORDE  
125 mm



**13-120**  
LABORDE  
strong pattern  
135 mm

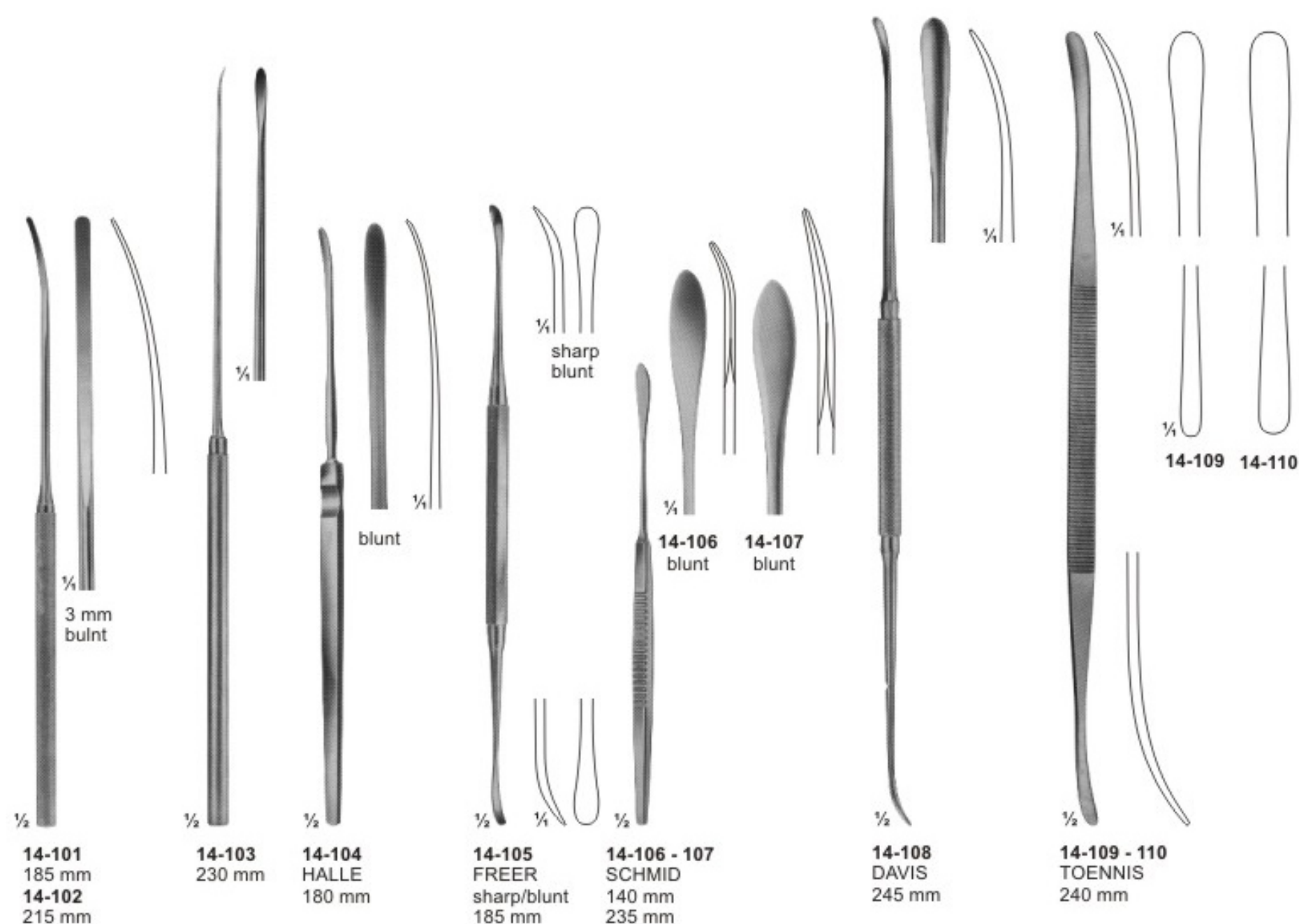


**13-121**  
Cleaning Brush  
for tracheal tubes  
285 mm

# Cardiovascular and Thoracic Surgery Instruments



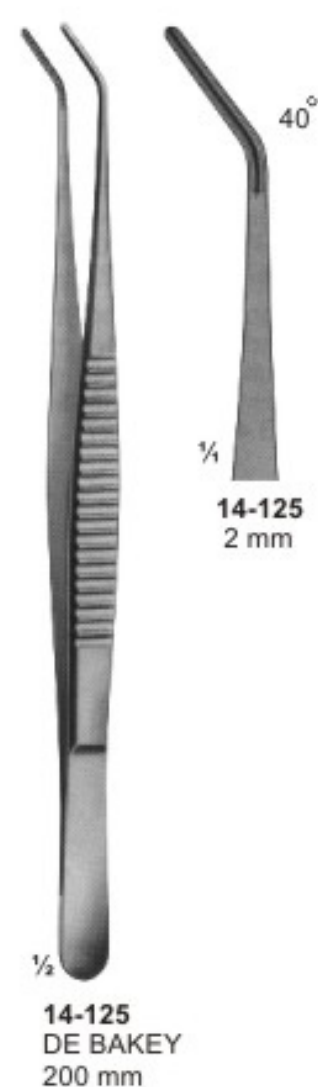
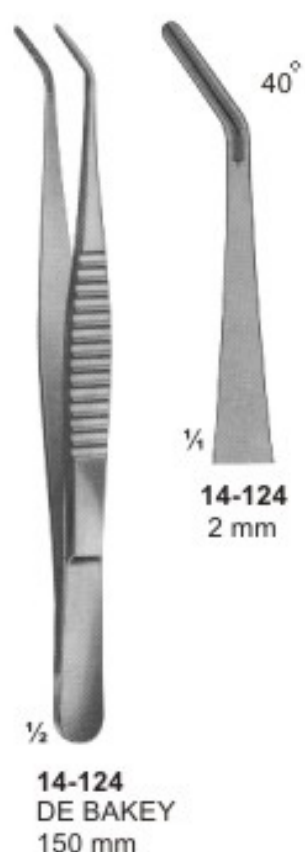
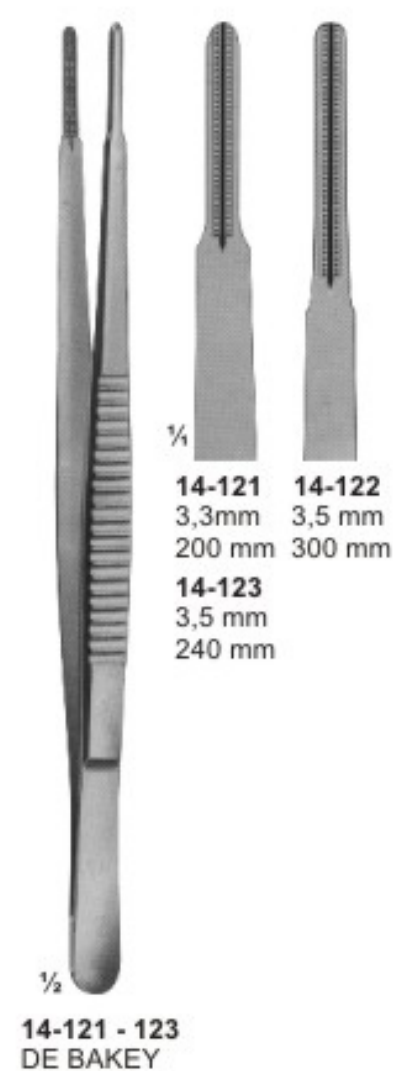
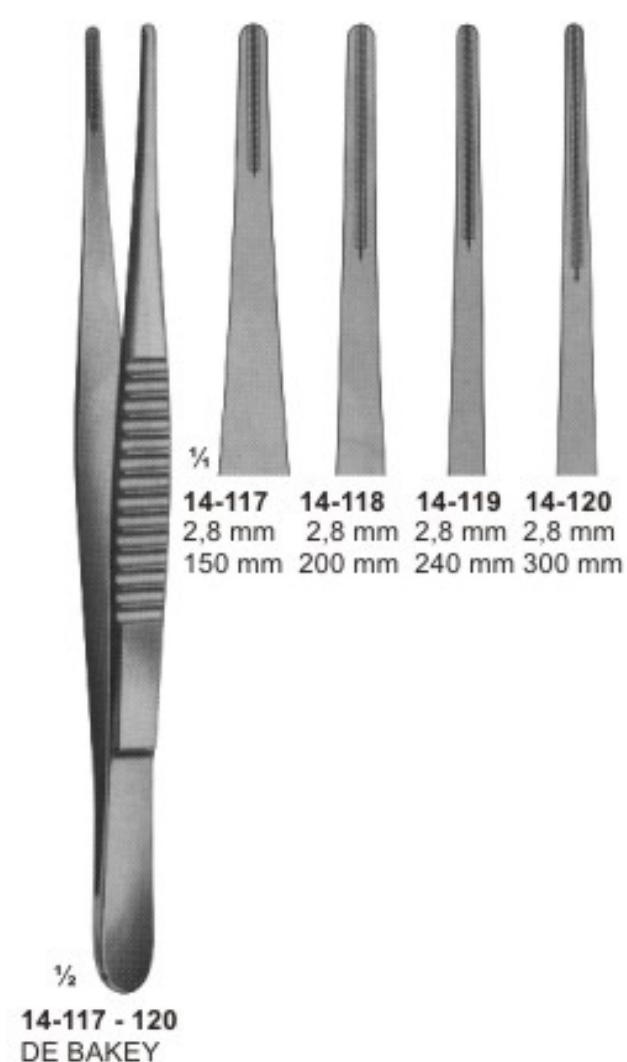
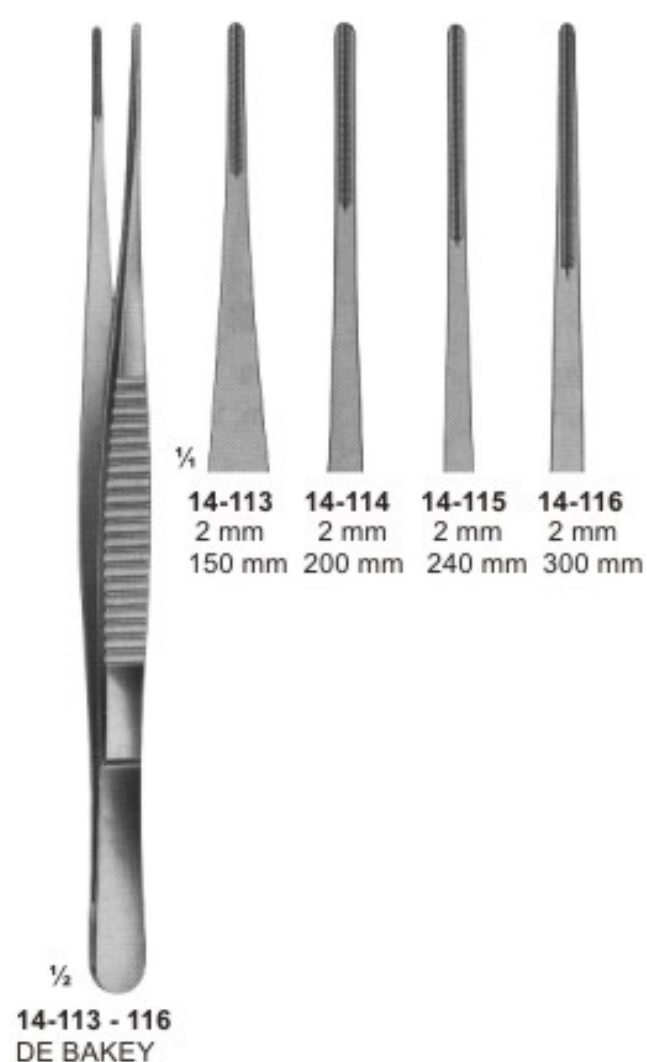
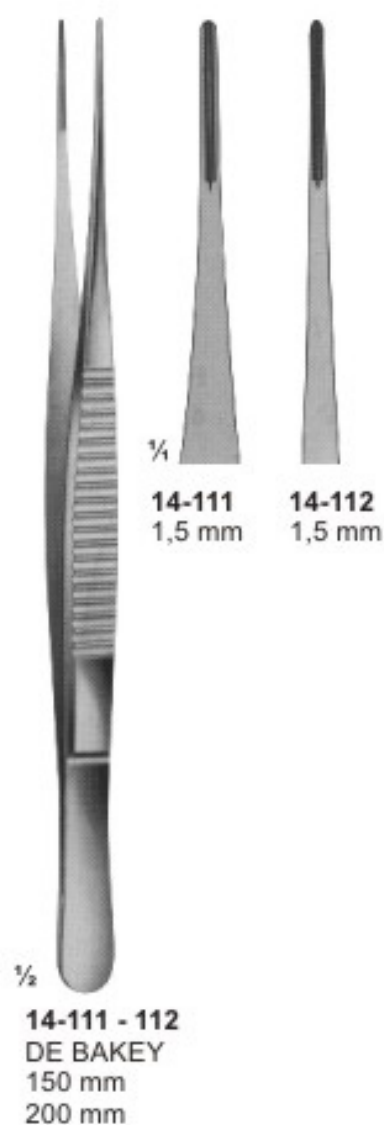
## Vascular Spatulas GefaBspatel



## ATRAUMATA

### Forceps

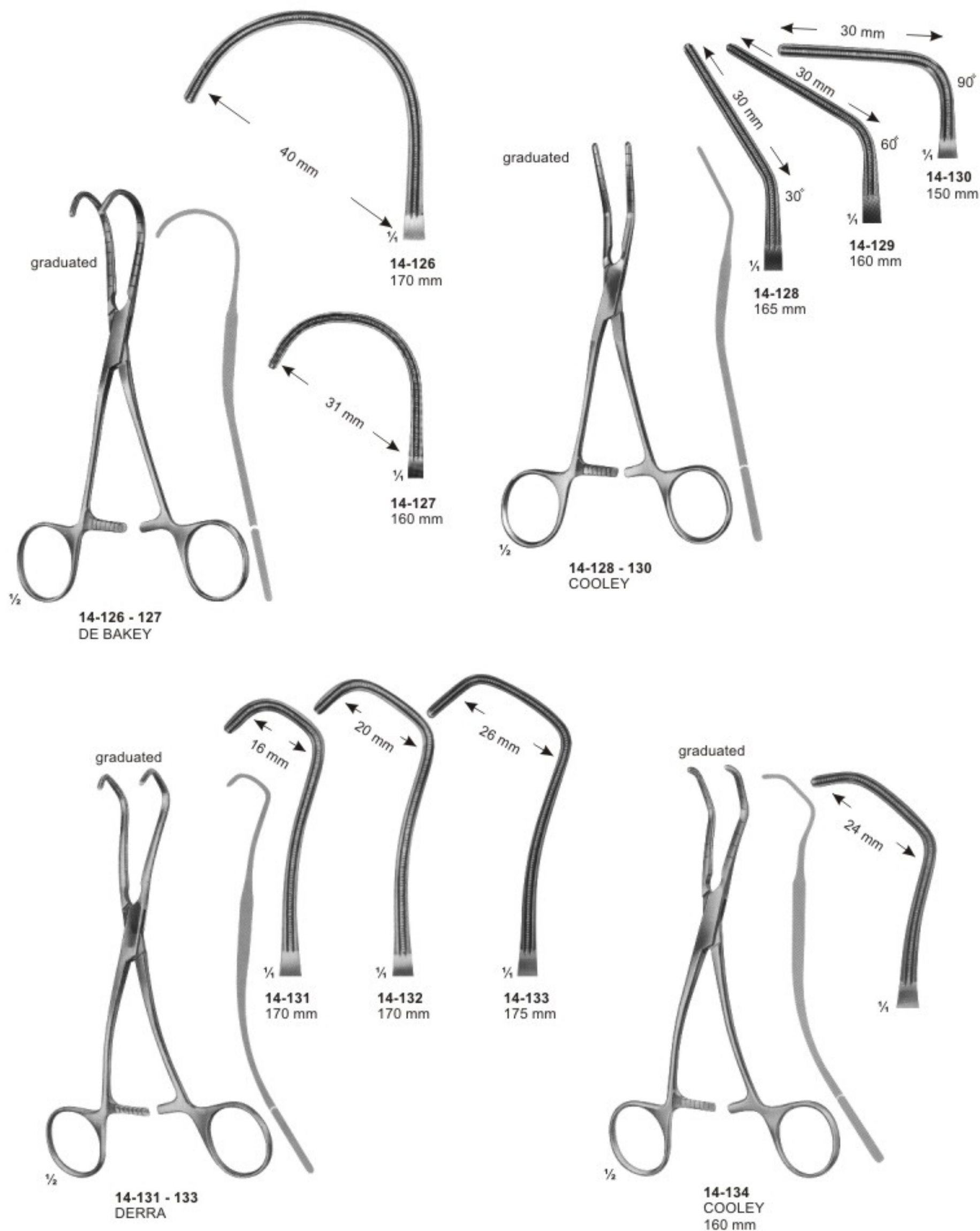
### Pinzetten





## ATRAUMATA

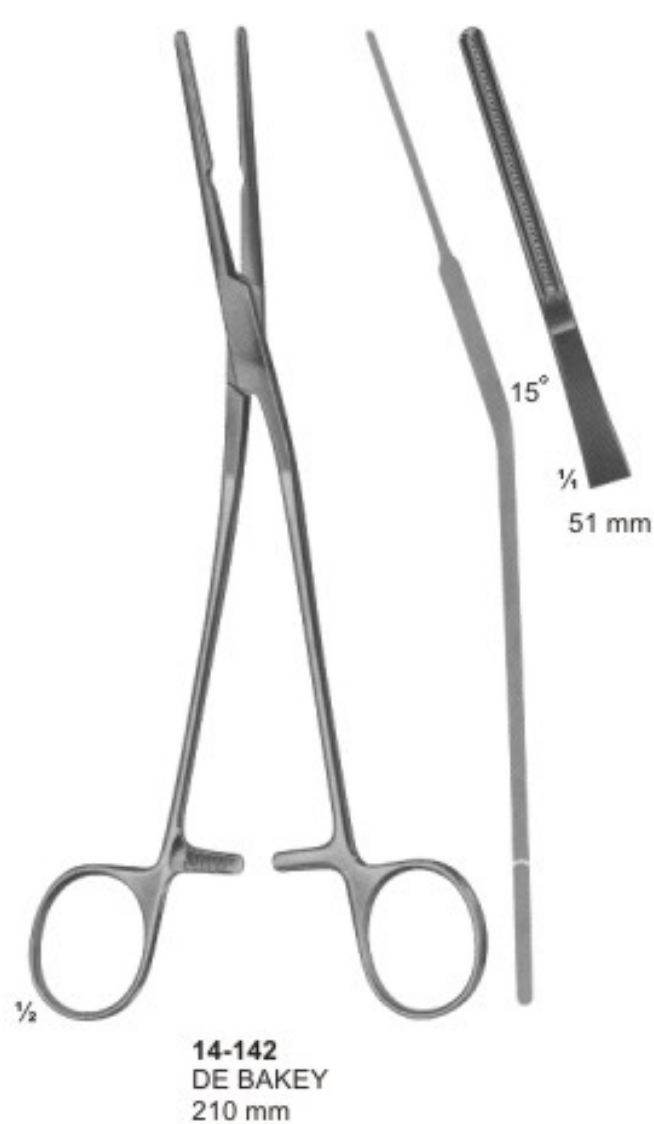
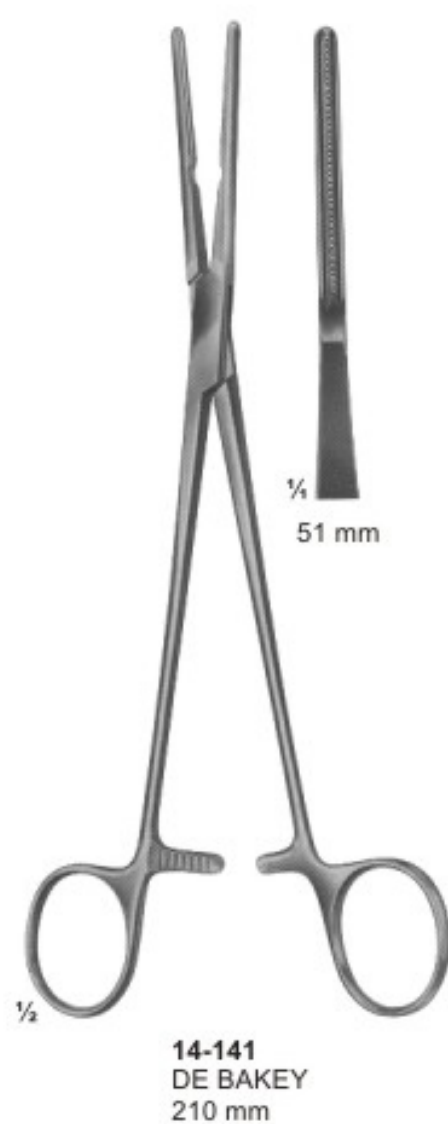
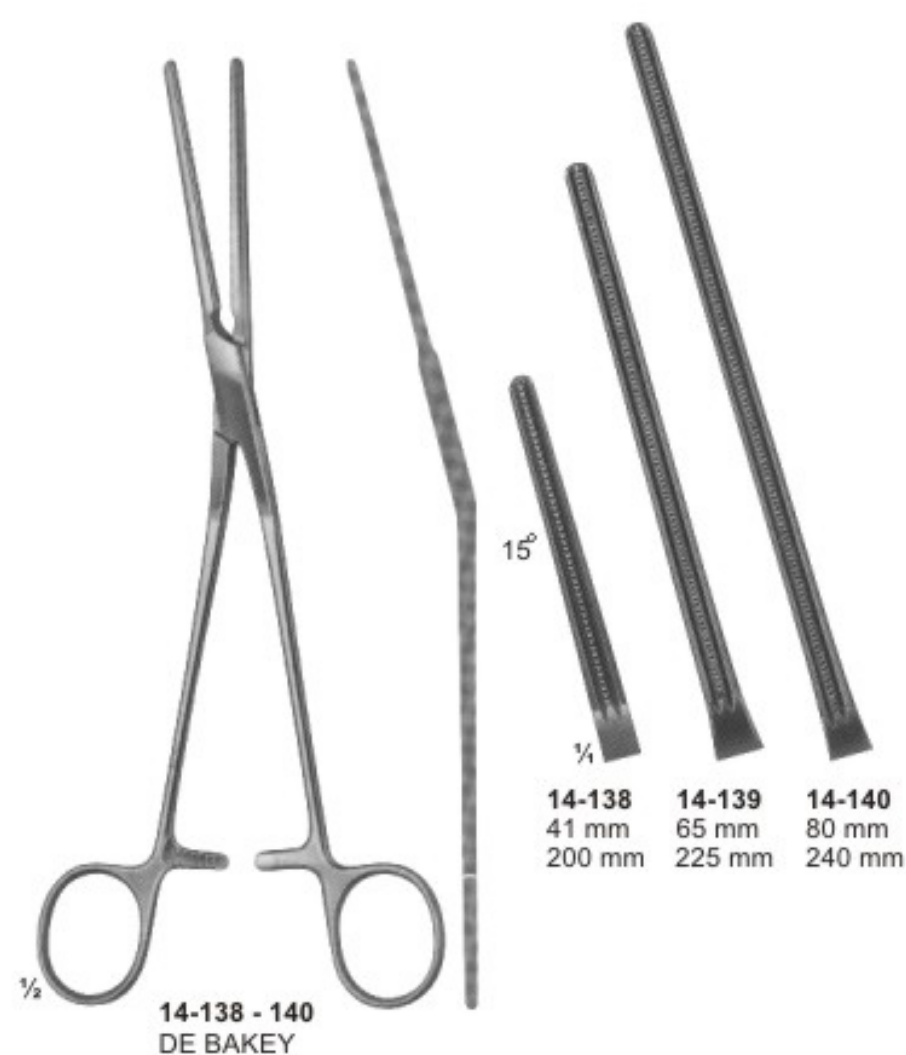
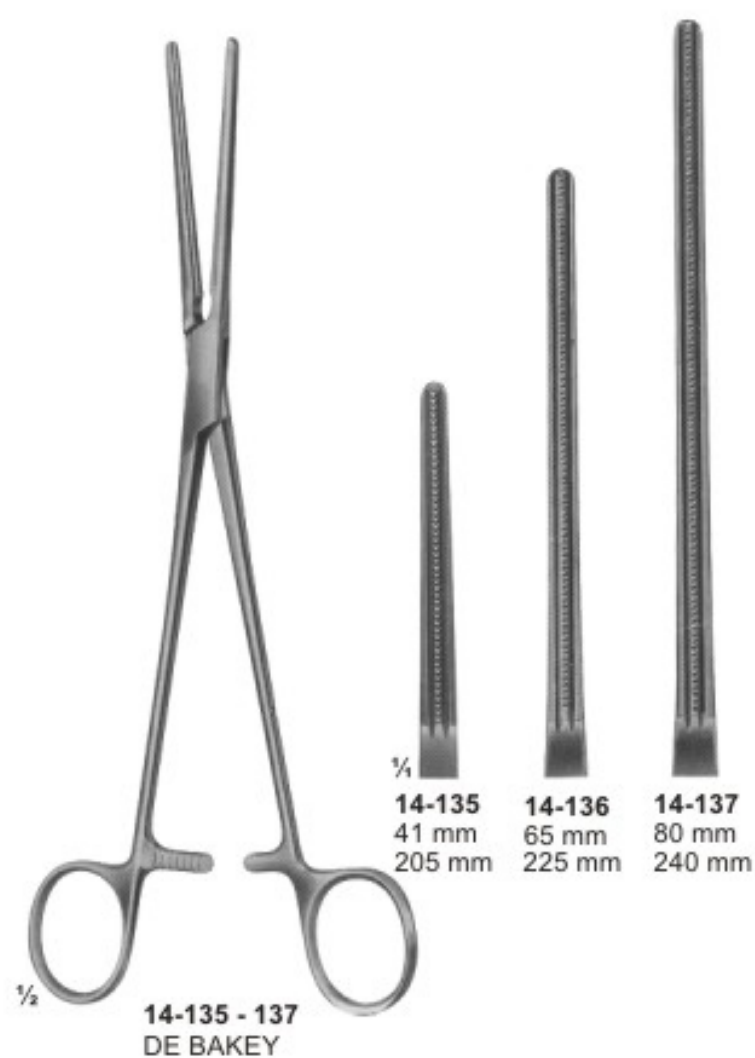
### Anastomosis- and Multi- Purpose- Clamps- Pediatric types Anastomosen- und Mehrzweckklemmen- Kinder- Modelle



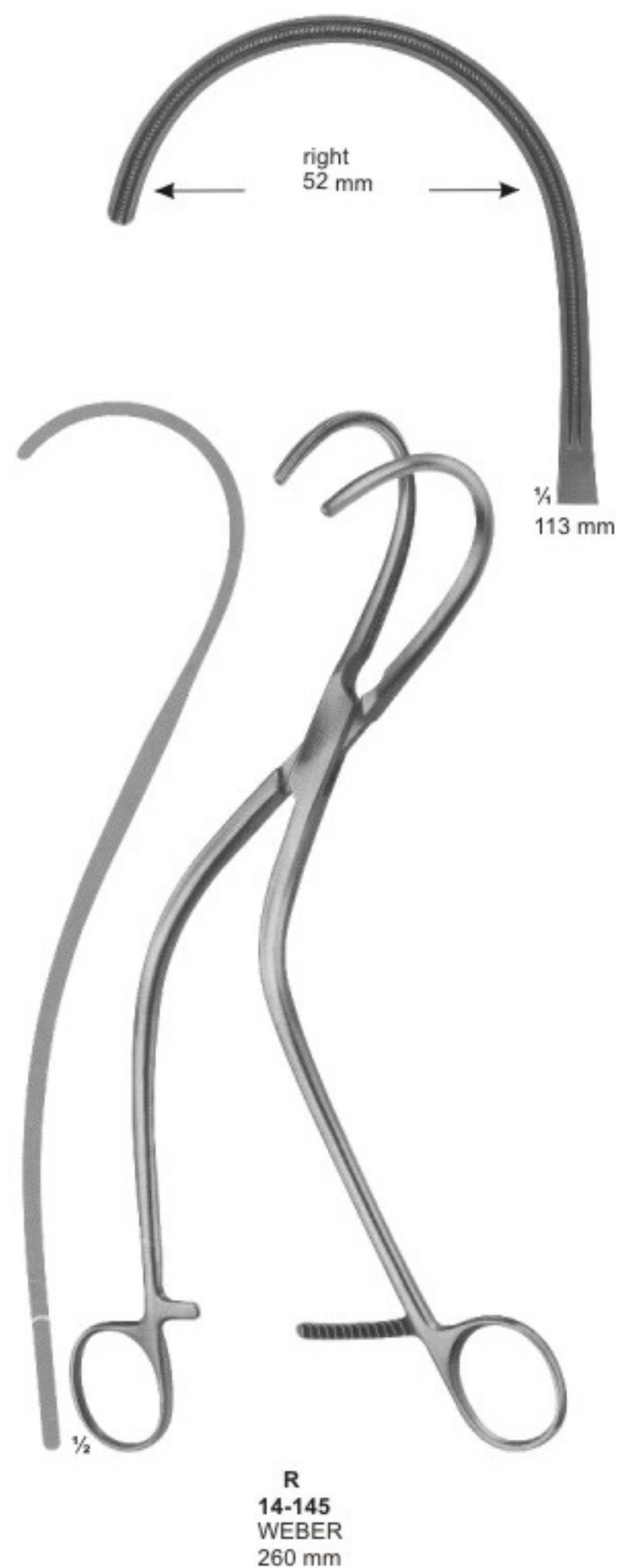
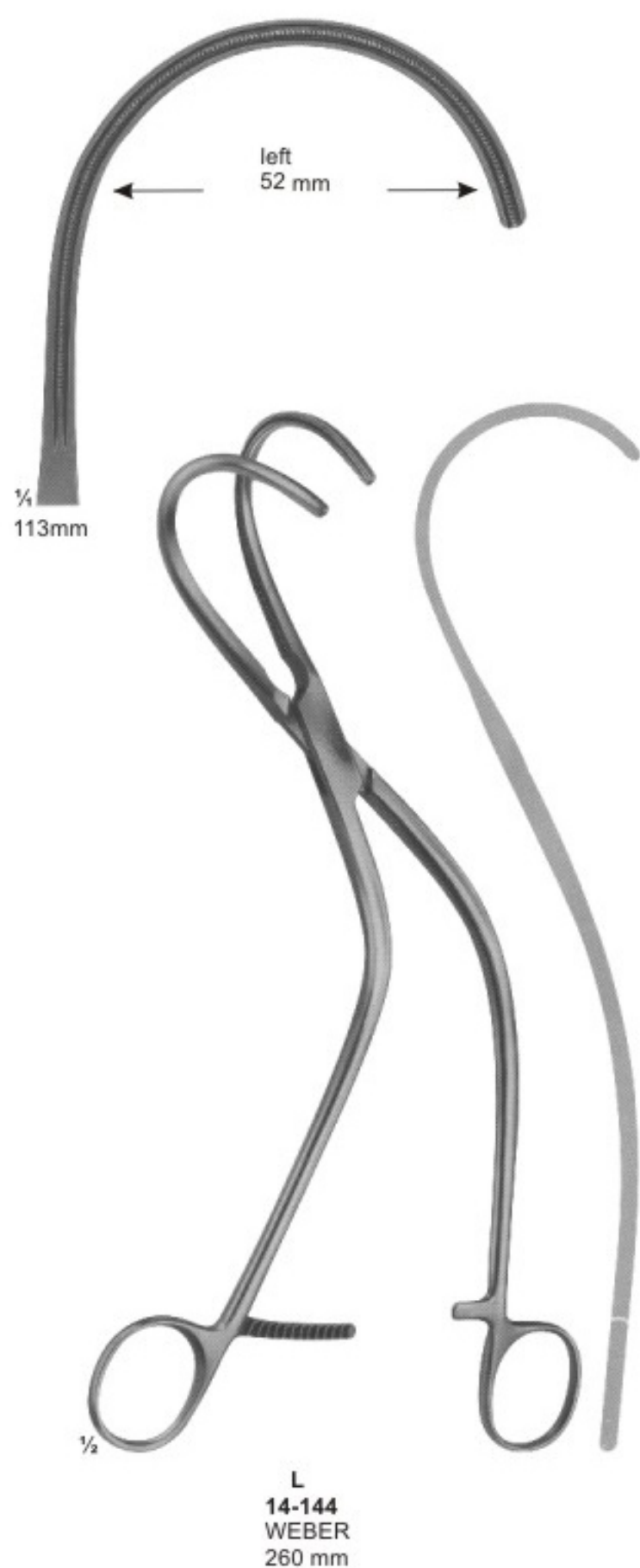
## ATRAUMATA

### Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamps

### Coarctationsklemmen, Patent-Ductus und Peripheralklemmen



## Aorta- Anastomosis Clamps Aorta- Anastomosenklemmen

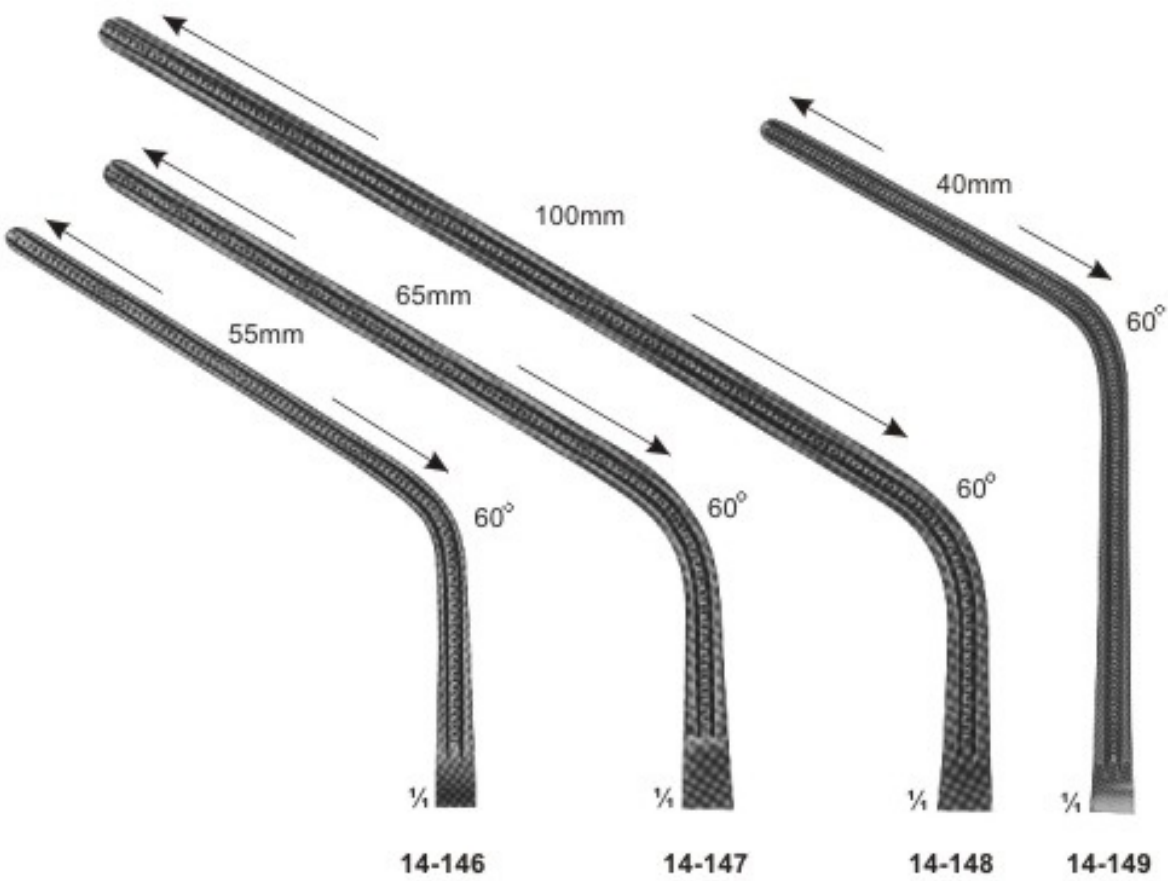




## Multi- Purpose-Clamps Mehrzweckklemmen



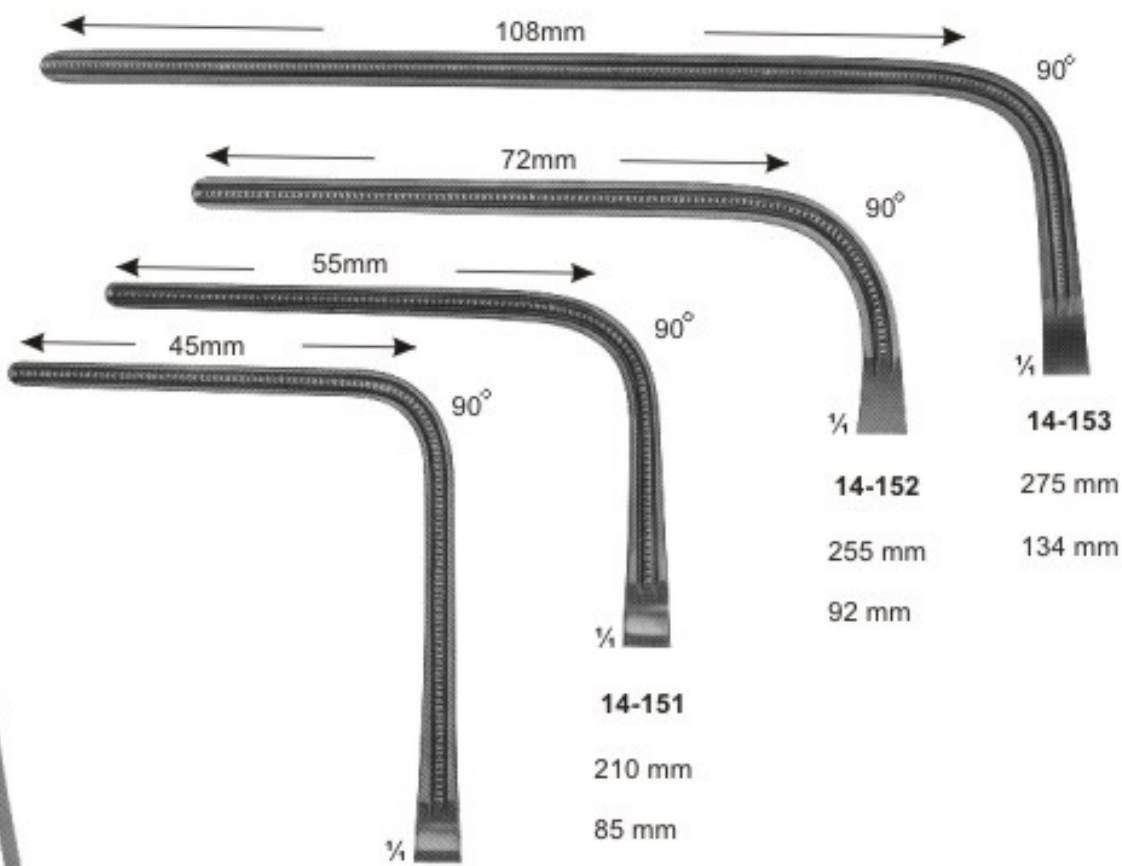
14-146 - 149  
DE BAKEY



Total Length:	230 mm	280 mm	305 mm	240 mm
Length of jaws:	85 mm	100 mm	135 mm	93 mm



14-150 - 153  
DE BAKEY



Total Length:	225 mm
Length of jaws:	93 mm



## Sternum Instruments and Rib Shears Sternum Instrumente und Rippenscheren



**14-154**  
SCHUMACHER  
Sternum shears  
210 mm



**14-155**  
LEBSCHKE  
Sternum chisel  
200 mm



**14-156**  
230 mm



**14-157**  
COLLIN  
195 mm



**14-158**  
GLUCK  
190 mm



**14-159**  
BETHUNE  
340 mm

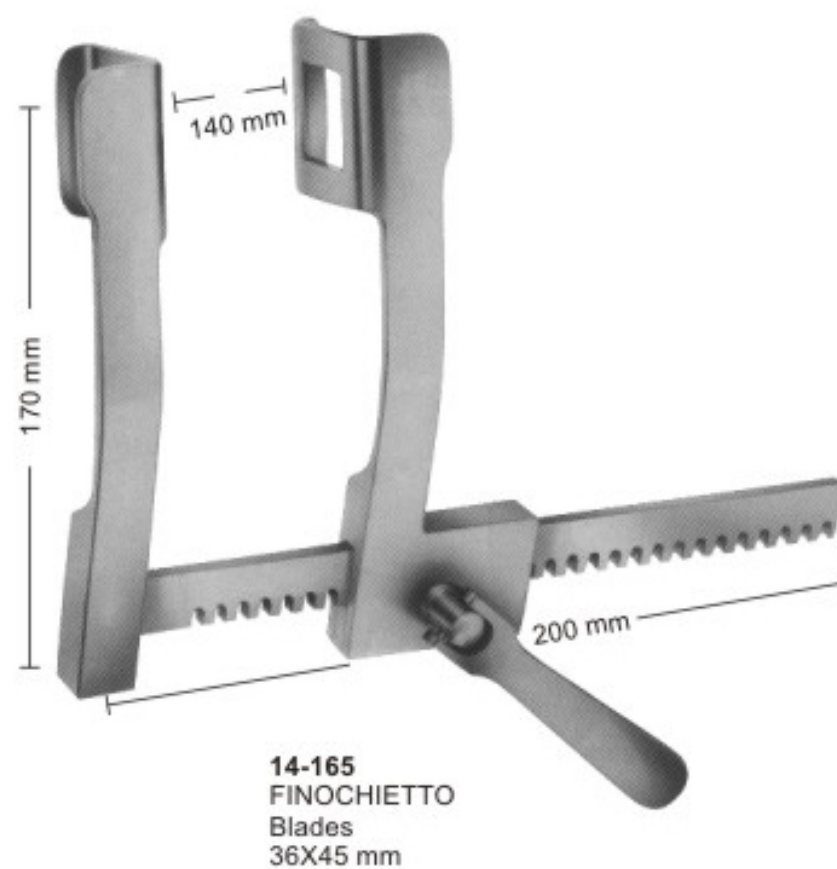
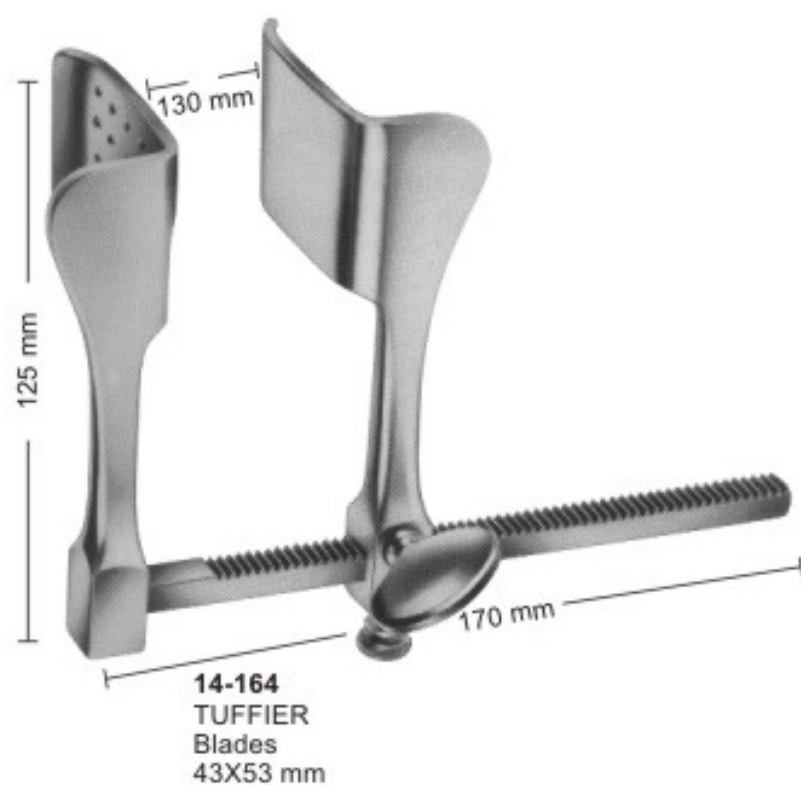
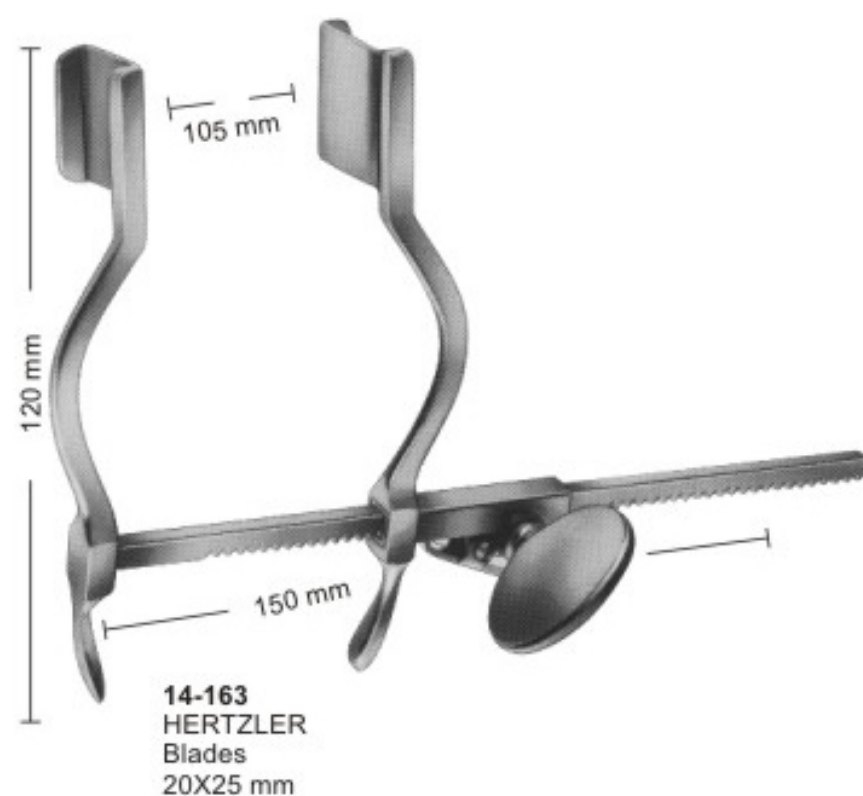
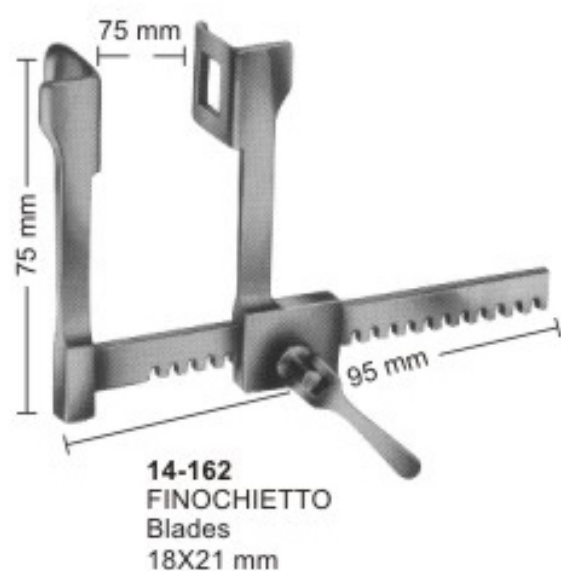


**14-160**  
BRUNNER  
Universal pattern  
340 mm



**14-161**  
GIERTZ-STILLE  
250 mm

## Rib Spreaders Rippensperrer



# Bone Punches & Rongeurs



## Punches Stanzen

**130°**

upwards cutting

**15-101**

1 mm



KERRISON - JACOBY

FERRIS-SMITH-KERRISON

**15-102**

2 mm



**15-103**

3 mm



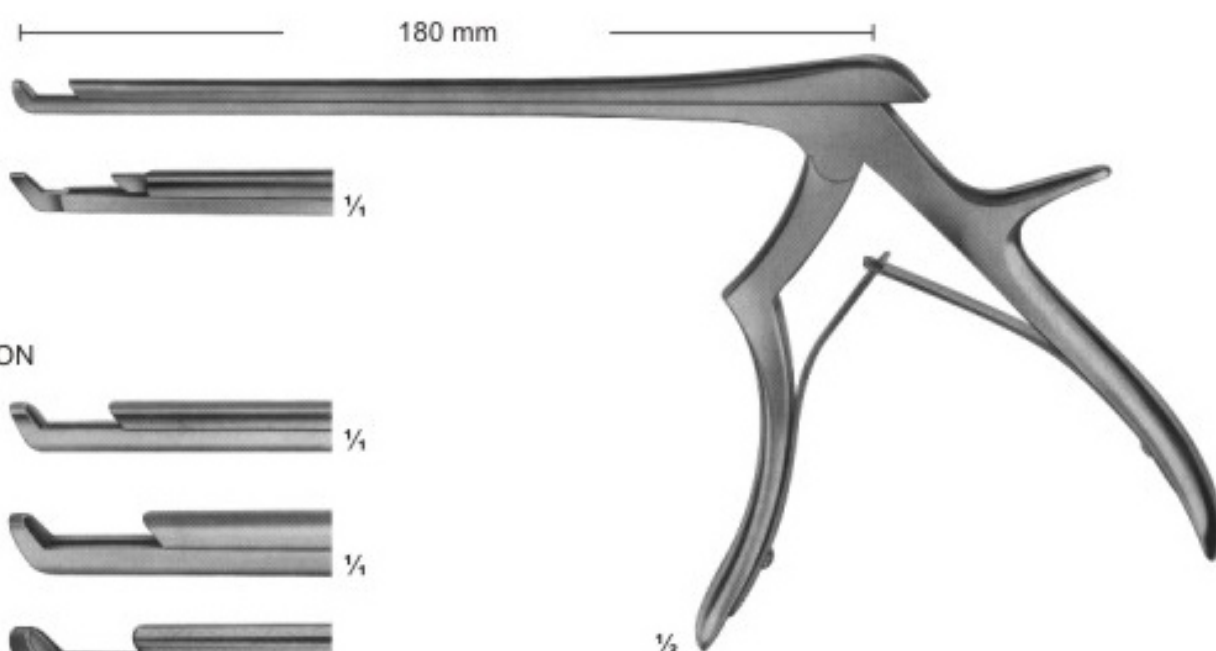
**15-104**

4 mm



**15-105**

5 mm



15-101 - 105

**90°**

upwards cutting

KERRISON - JACOBY

**15-106**

1 mm



**15-107**

2 mm



FERRIS-SMITH-KERRISON

**15-108**

3 mm



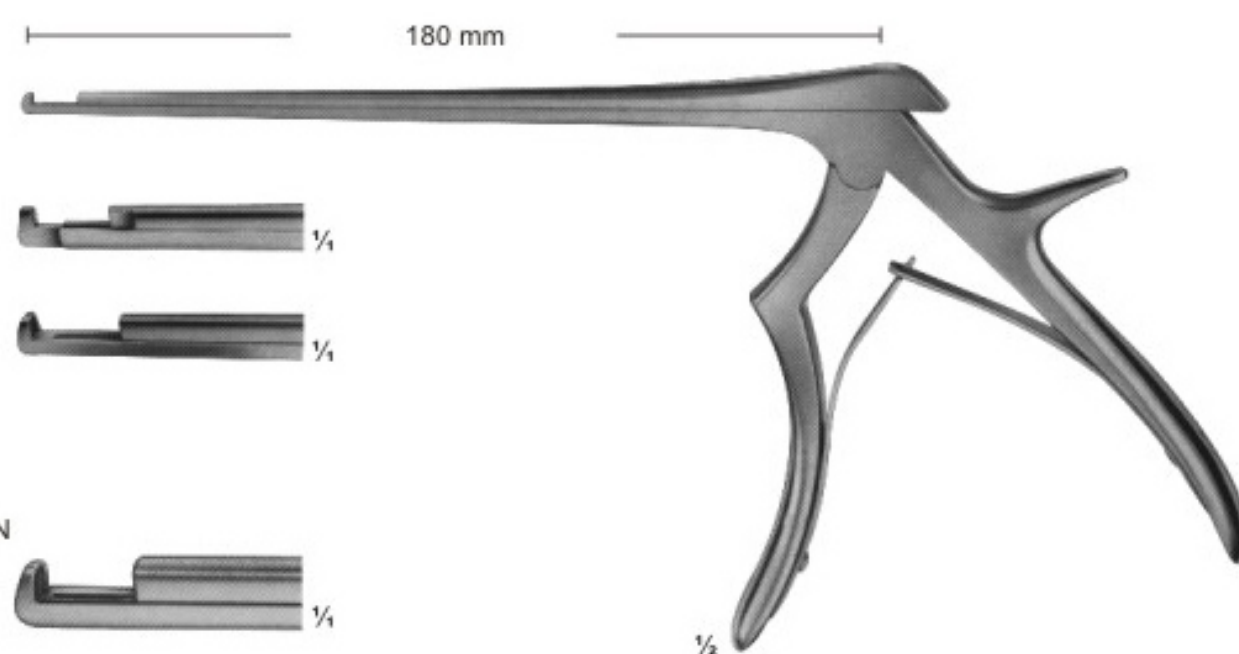
**15-109**

4 mm



**15-110**

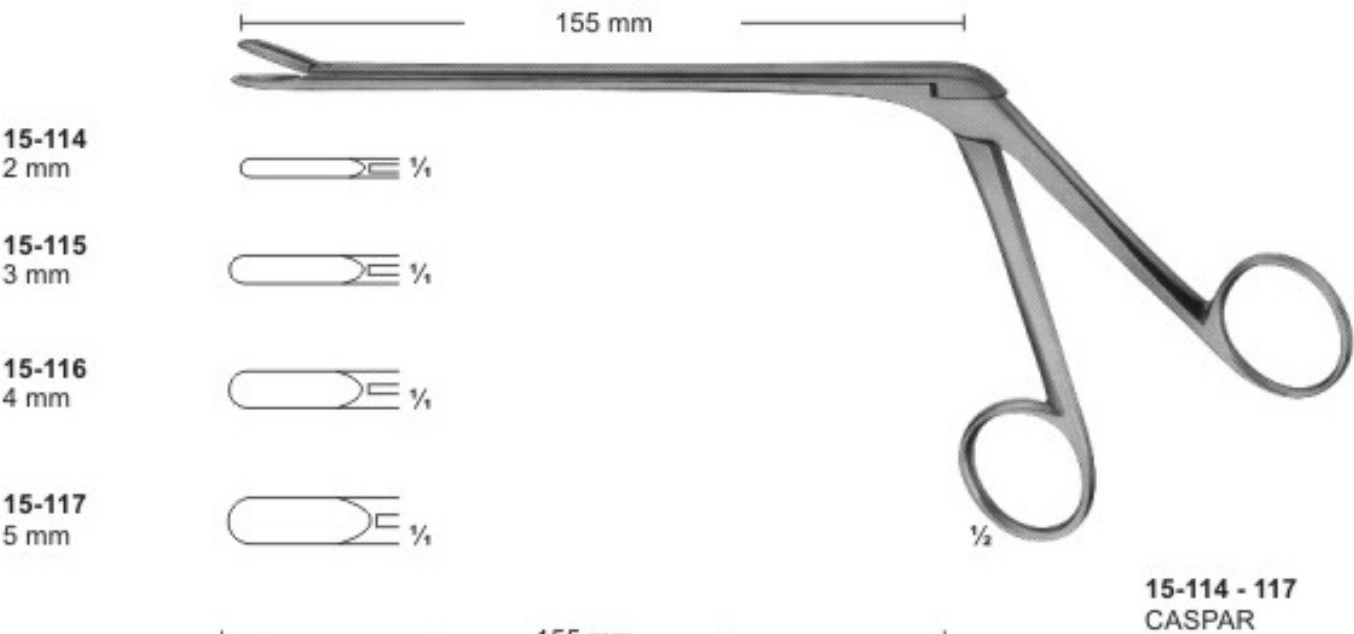
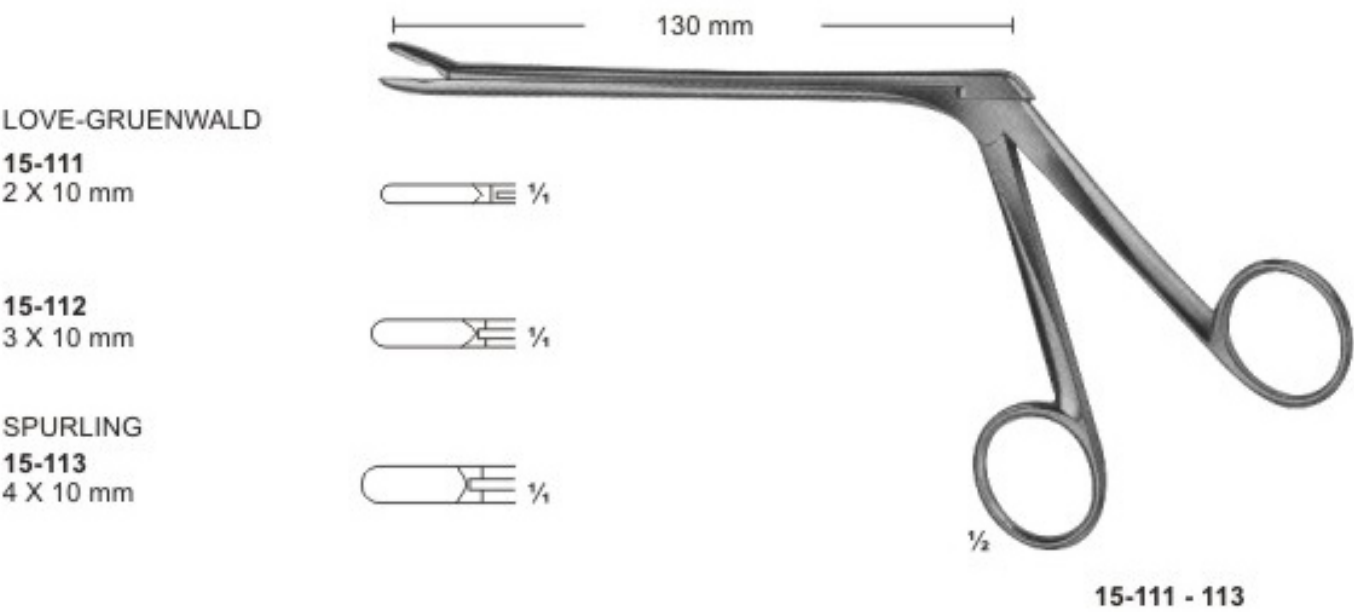
5 mm



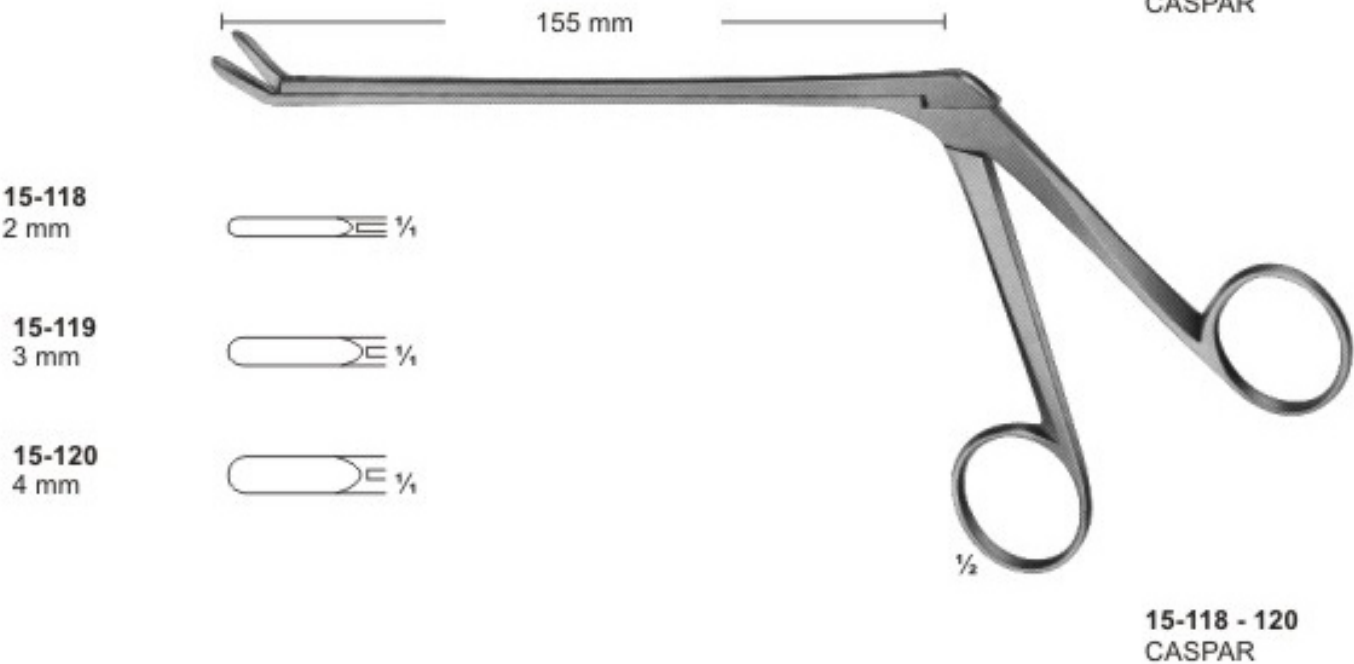
15-106 - 110



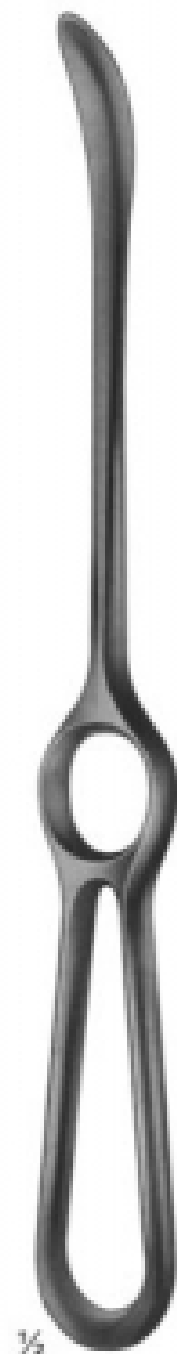
## Rongeurs Rongeurs



150°

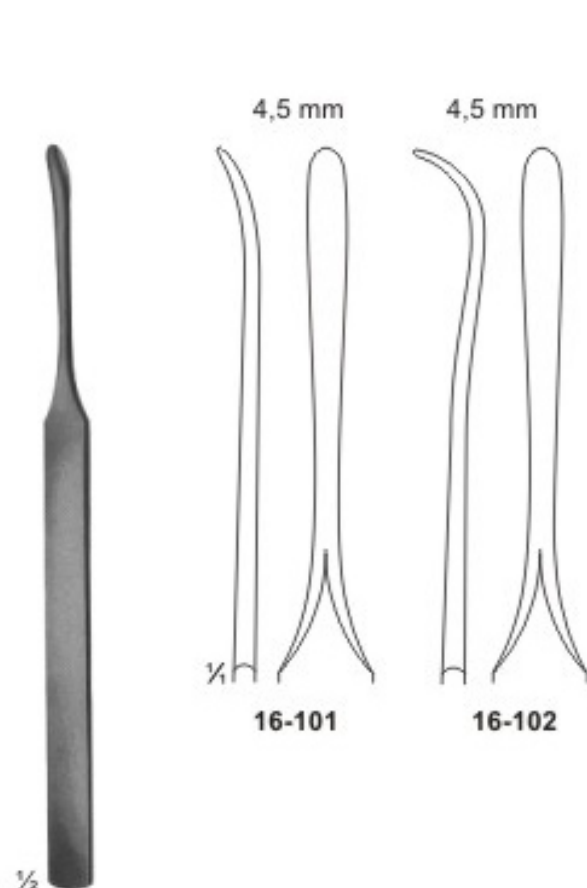


# Elevators, Bone Levers, Raspatories Bone Files, Bone Curettes



## Elevators and Bone Levers

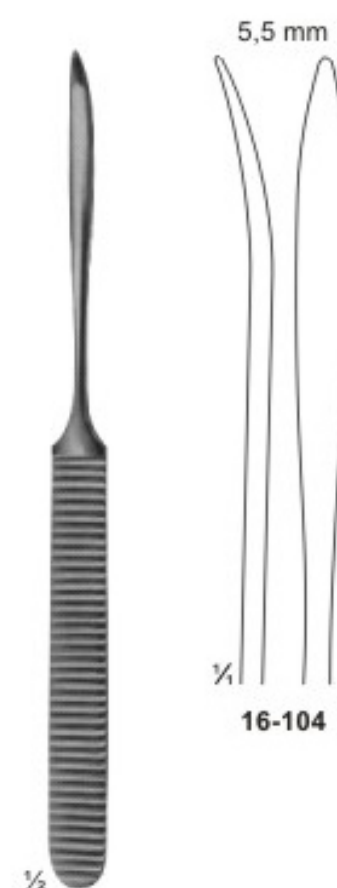
## Elevatoren und Knochenhebel



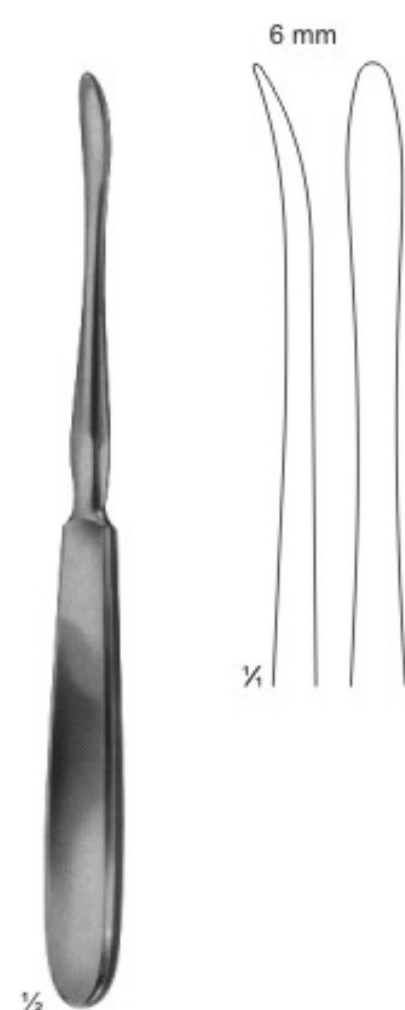
**16-101 - 102**  
KONIG  
155 mm



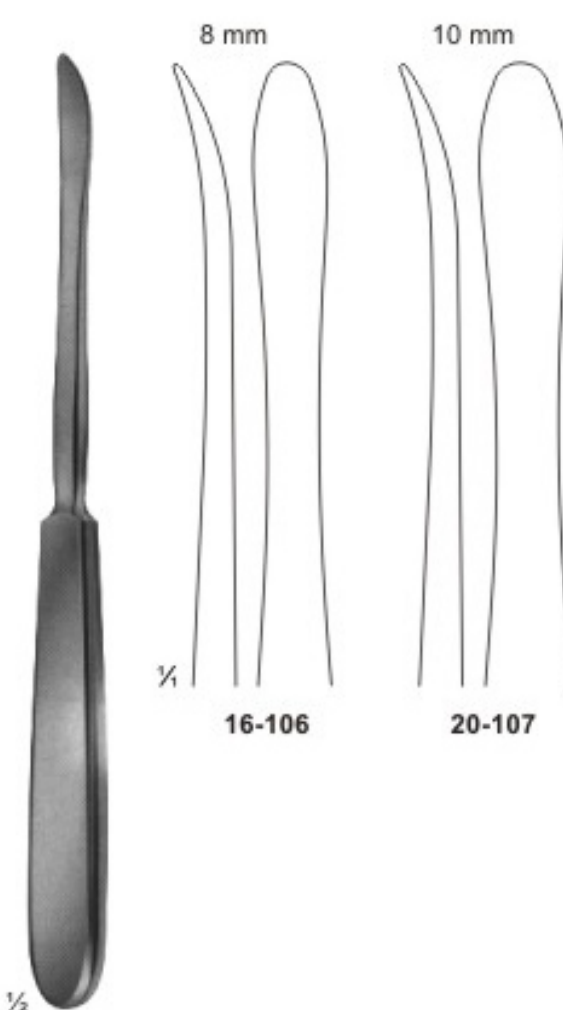
**16-103**  
WILLIGER  
165 mm



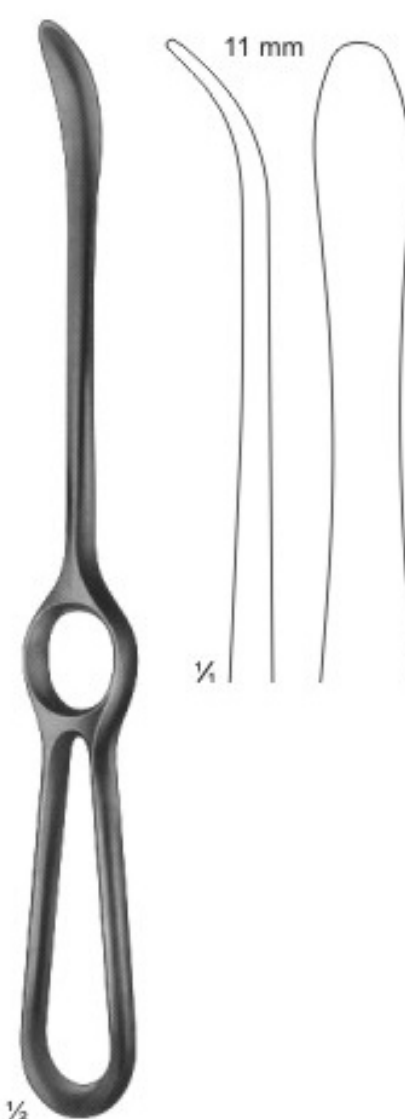
**16-104**  
WILLIGER  
170 mm



**16-105**  
QUERVAIN  
195 mm



**16-106 - 107**  
LANGENBACK  
195 mm



**16-108**  
LANGENBACK  
230mm

## Bone Levers Knochenheber

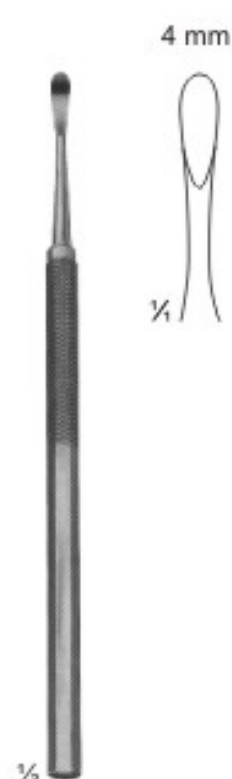




## Raspatories Raspatorien



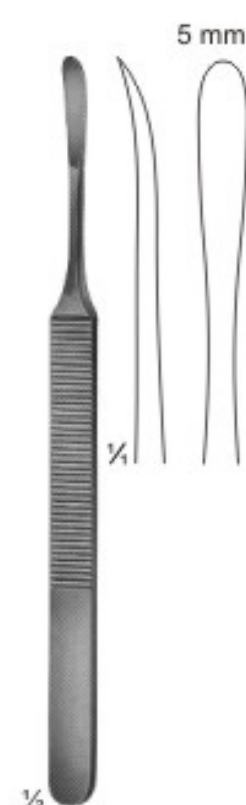
**16-117 - 118**  
PARTSCH  
150 mm



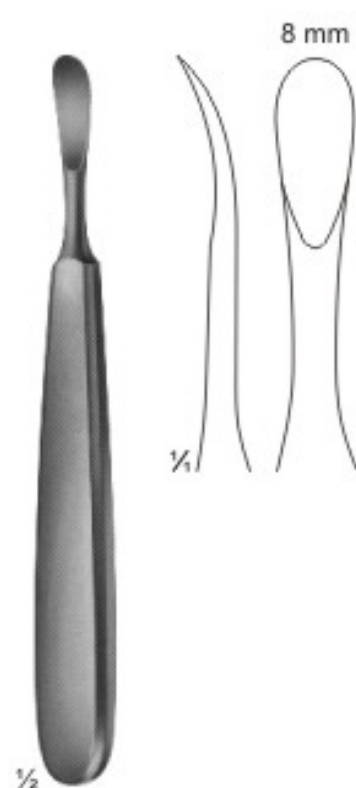
**16-119**  
PARTSCH mod. LANGE  
145 mm



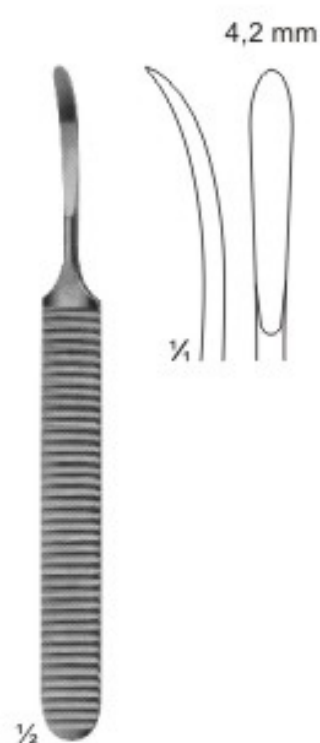
**16-120**  
MC KENTY  
155 mm



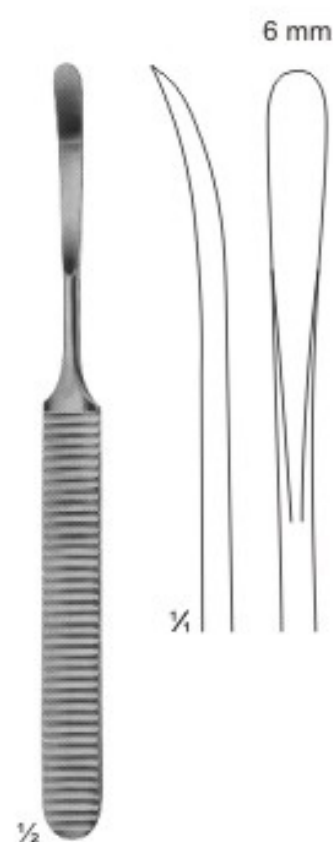
**16-121**  
KOENIG  
155 mm



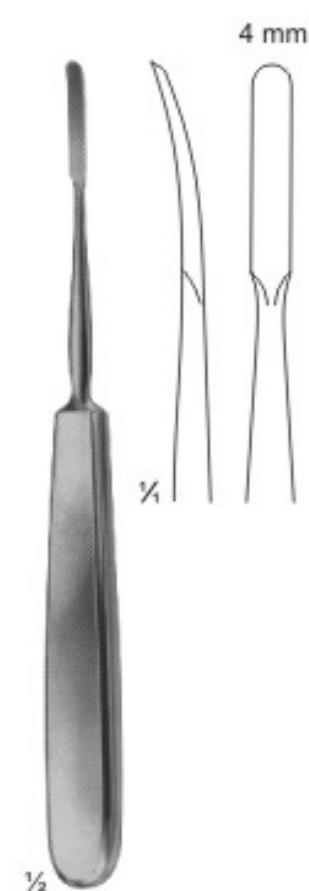
**16-122**  
TRELAT  
150 mm



**16-123**  
WILLIGER  
140 mm

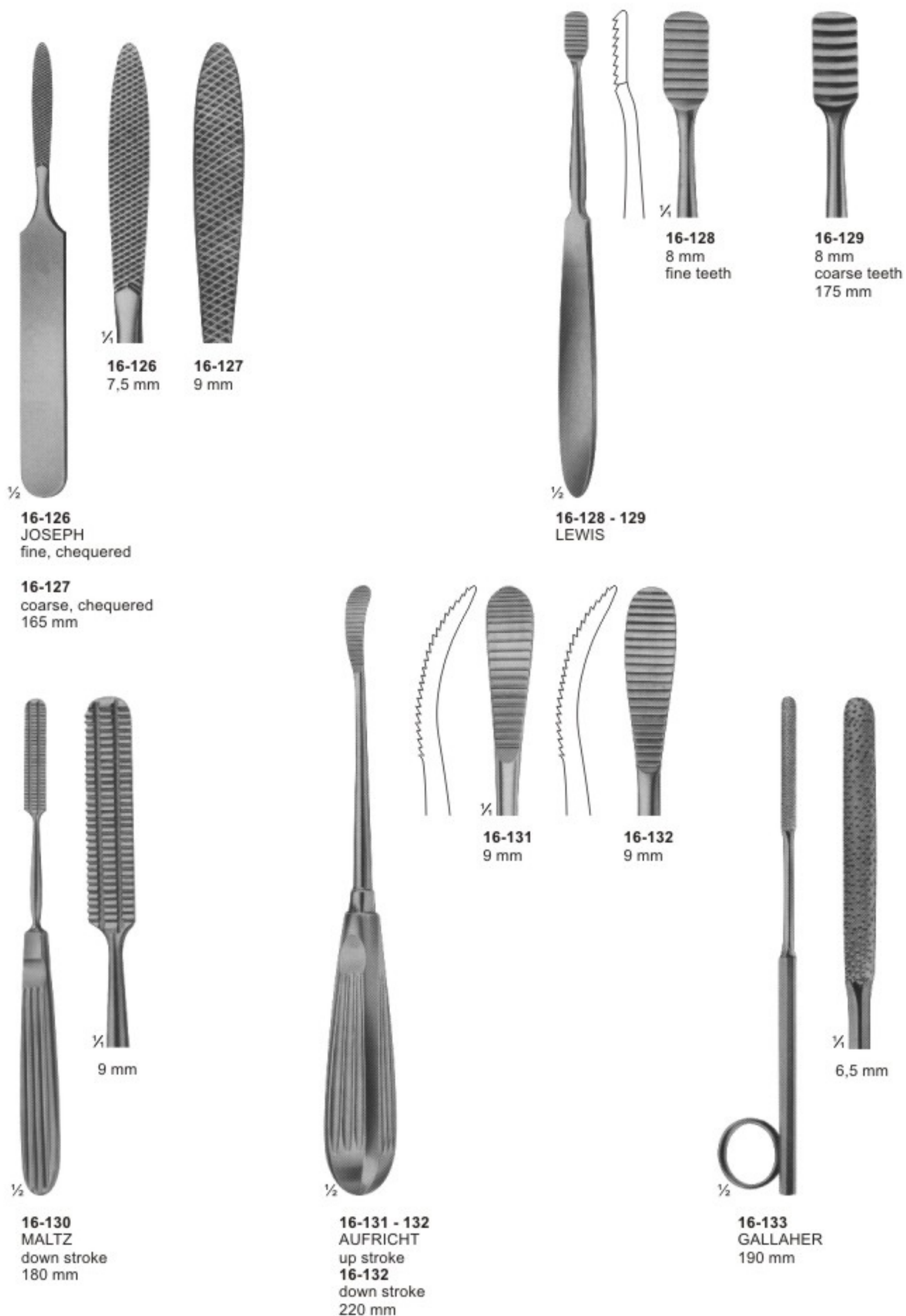


**16-124**  
WILLIGER  
160 mm

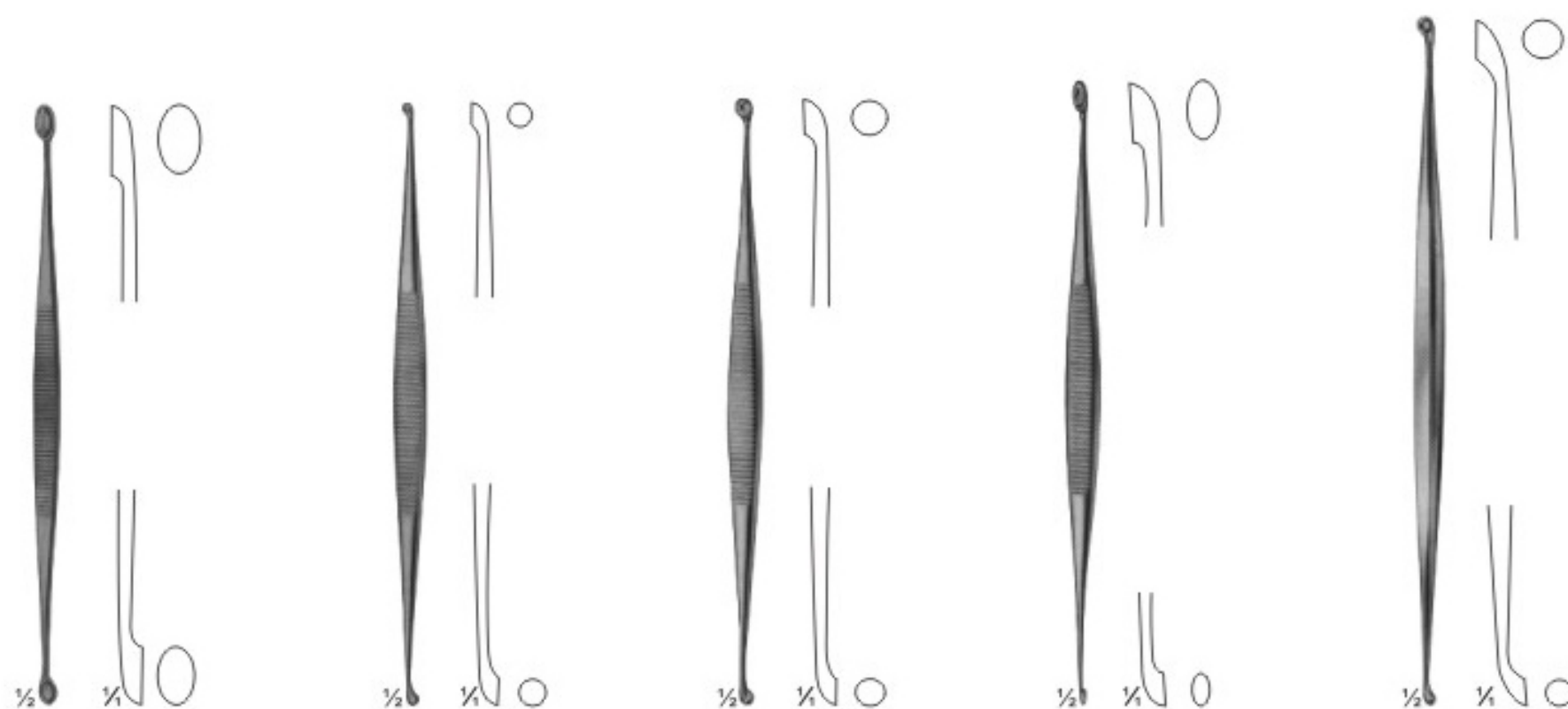


**16-125**  
JOSEPH  
170 mm

## Bone File and Rasps Knochen-Feilen und - Raspein



## Bone Currettes Scharfe Loffel



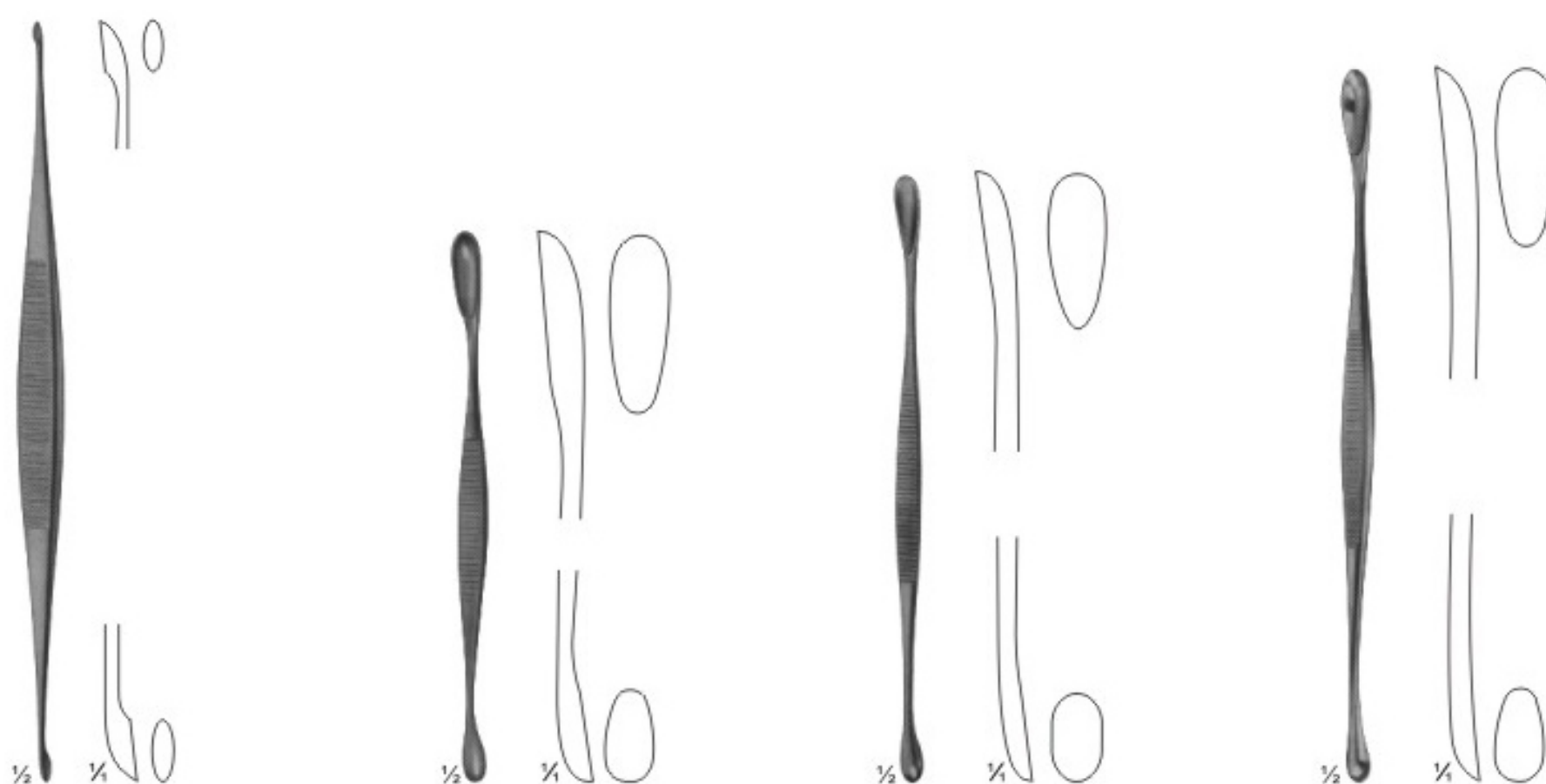
**16-134**  
JACOBSON  
140 mm

**16-135**  
MARTINI  
140 mm

**16-137**  
MARTINI  
140 mm

**16-138**  
WILLIGER  
145 mm

**16-139**  
JANSEN  
160 mm



**16-140**  
BARTH  
180 mm

**16-141**  
VOLKMANN  
130 mm

**16-142**  
VOLKMANN  
145 mm

**16-143**  
VOLKMANN  
170 mm



**16-144**  
**BONE CURETTE**  
**DOUBLE END 210MM**



**16-145**  
**BONE CURETTE TYPE JANSEN**  
**DOUBLE ENDED 160MM**



**16-146**  
**VOLKMANN BONE CURETTE**  
**FIG 1, 170MM**



**16-147**  
**VOLKMANN BONE CURETTE**  
**FIG 0, 170MM**



# Mallets, Chisels and Gouges



**Mallets** Weights refer to the heads of the mallets

**Hammer** Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers



Ø 20 mm

1/2

**17-101**  
MEAD  
185 g  
with interchangeable  
plastic disks  
190 mm  
**17-102**  
pair of spare disks



Ø 25 mm

1/2

**17-103**  
140 g  
with interchangeable  
plastic disks  
185 mm  
**17-104**  
pair of spare disks



Ø 30 mm

1/2

**17-105**  
COTTLE  
140 g  
1 Side Flat  
1 Side convex  
185 mm



Ø 22 mm

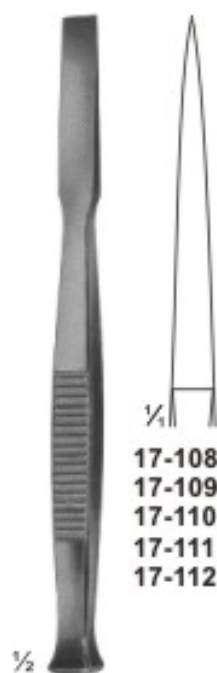
1/2

**17-106**  
165 g  
lead filled head  
190 mm

## Osteotomes, Chisels and Gouges Osteotome, Flach- und Hohlmeißel

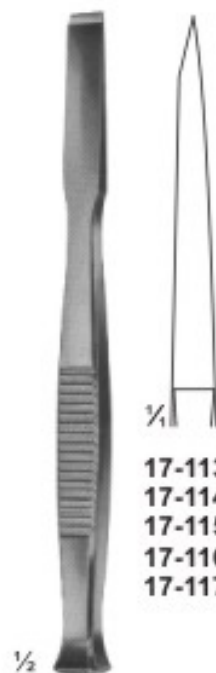


**17-107**  
**MANNERFELT**  
Gouge  
155 mm



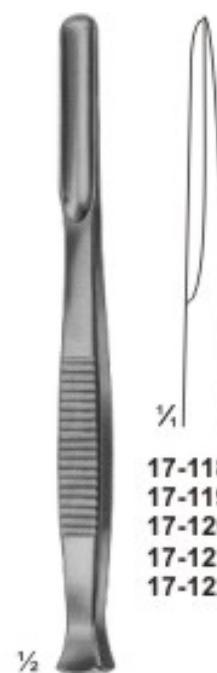
**17-108 - 112**  
**Osteotomes**  
140 mm

**17-108** 4 mm  
**17-109** 6 mm  
**17-110** 8 mm  
**17-111** 10 mm  
**17-112** 12 mm



**17-113 - 117**  
**Chisels**  
140 mm

**17-113** 4 mm  
**17-114** 6 mm  
**17-115** 8 mm  
**17-116** 10 mm  
**17-117** 12 mm



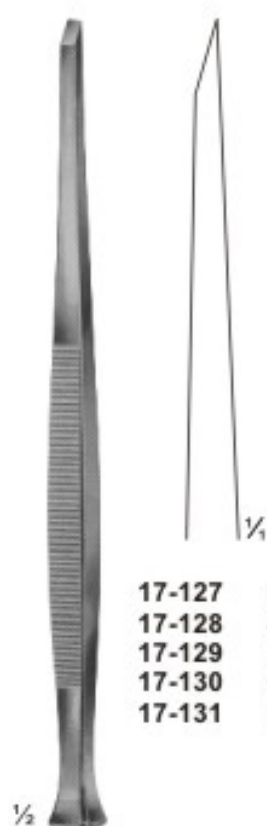
**17-118 - 122**  
**Gouges**  
140 mm

**17-118** 4 mm  
**17-119** 6 mm  
**17-120** 8 mm  
**17-121** 10 mm  
**17-122** 12 mm



**PARTSCH**  
**17-123 - 126**  
**Chisels**  
140 mm

**17-123** 3 mm  
**17-124** 4 mm  
**17-125** 5 mm  
**17-126** 6 mm



**PARTSCH**  
**17-127 - 131**  
**Chisels**  
170 mm

**17-127** 3 mm  
**17-128** 4 mm  
**17-129** 5 mm  
**17-130** 6 mm  
**17-131** 7 mm



**PARTSCH**  
**17-132 - 135**  
**Gouges**  
140 mm

**17-132** 3 mm  
**17-133** 4 mm  
**17-134** 5 mm  
**17-135** 6 mm



**PARTSCH**  
**17-136 - 140**  
**Gouges**  
170 mm

**17-136** 3 mm  
**17-137** 4 mm  
**17-138** 5 mm  
**17-139** 6 mm  
**17-140** 7 mm



**LUCAS**  
**17-141 - 142**  
**Chisels**  
160 mm

**17-141** 4 mm  
**17-142** 6 mm



**LUCAS**  
**17-143 - 144**  
**Gouges**  
160 mm

**17-143** 3 mm  
**17-144** 5 mm

# Bone Holding Forceps, Bone Rongeurs, Bone Cutting Forceps





## Reposition Forceps, Bone Holding Forceps Repositionszangen, Knochenhaltezangen



**17-145**  
Patella forceps  
185 mm



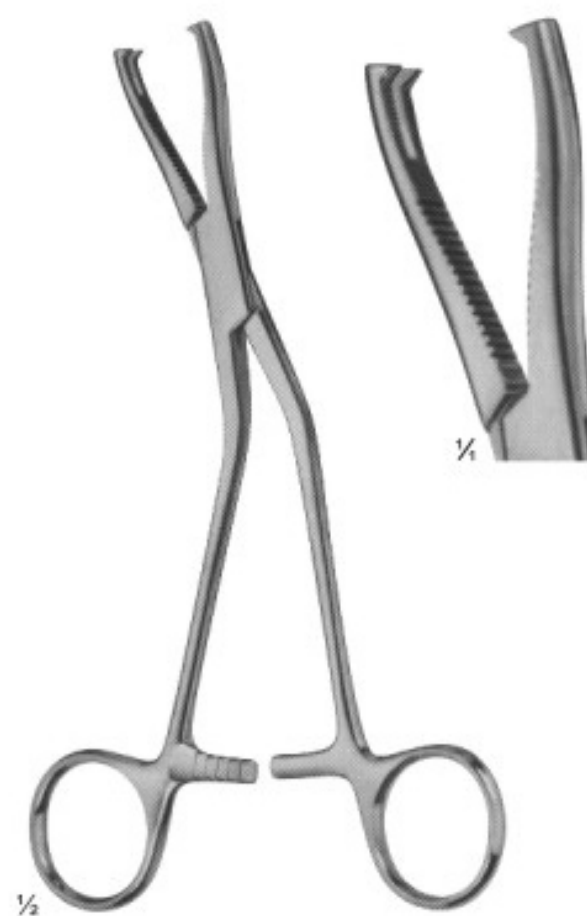
**17-146**  
Forceps with  
ratchet fixation  
140 mm



**17-147**  
Forceps with  
thread fixation  
170 mm



**17-148**  
Forceps with  
thread fixation  
235 mm



**17-149**  
DINGMANN  
185 mm

## Bone Holding Forceps Knochenhaltezaugen

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**17-150**  
KERN-LANE  
240 mm



**17-151**  
LANE  
330 mm



**17-152**  
KERN-LANE  
240 mm

## Bone Clamps Knochenhalteklammen

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**17-153 - 154**  
LOWMAN  
17-153 170 mm  
17-154 205 mm



**17-155**  
LOWMAN-GERSTER  
210 mm

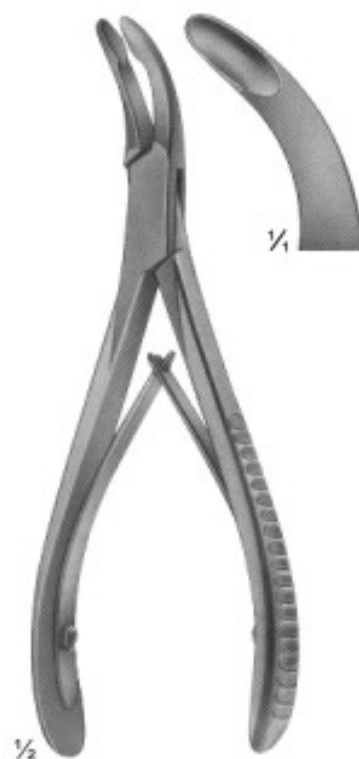


**17-156**  
LOWMAN-HOGLUND  
175 mm

## Bone Rongeurs Hohlmeißelzangen



**17-157**  
LUER  
150 mm



**17-158**  
LUER  
155 mm



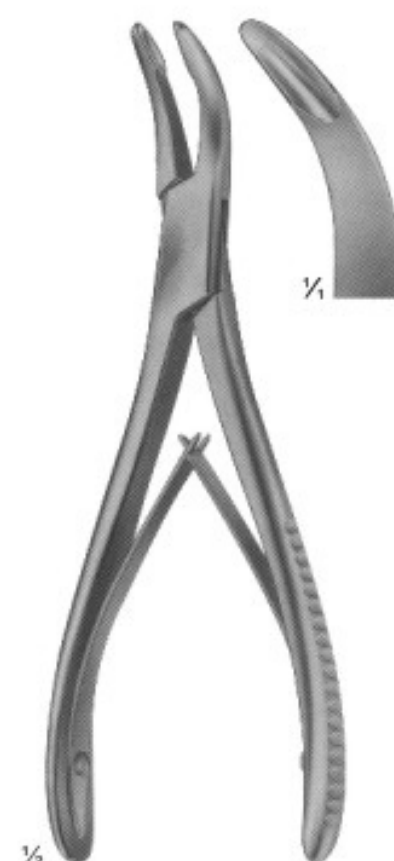
**17-159**  
BLUMENTHAL  
155 mm



**17-160**  
BLUMENTHAL  
150 mm



**17-161 - 162**  
JANSEN  
175 mm



**17-163**  
BANE-HARTMANN  
175 mm



## Bone Rongeurs Hohlmeißelzangen



**17-164**  
**STILLE**  
235 mm

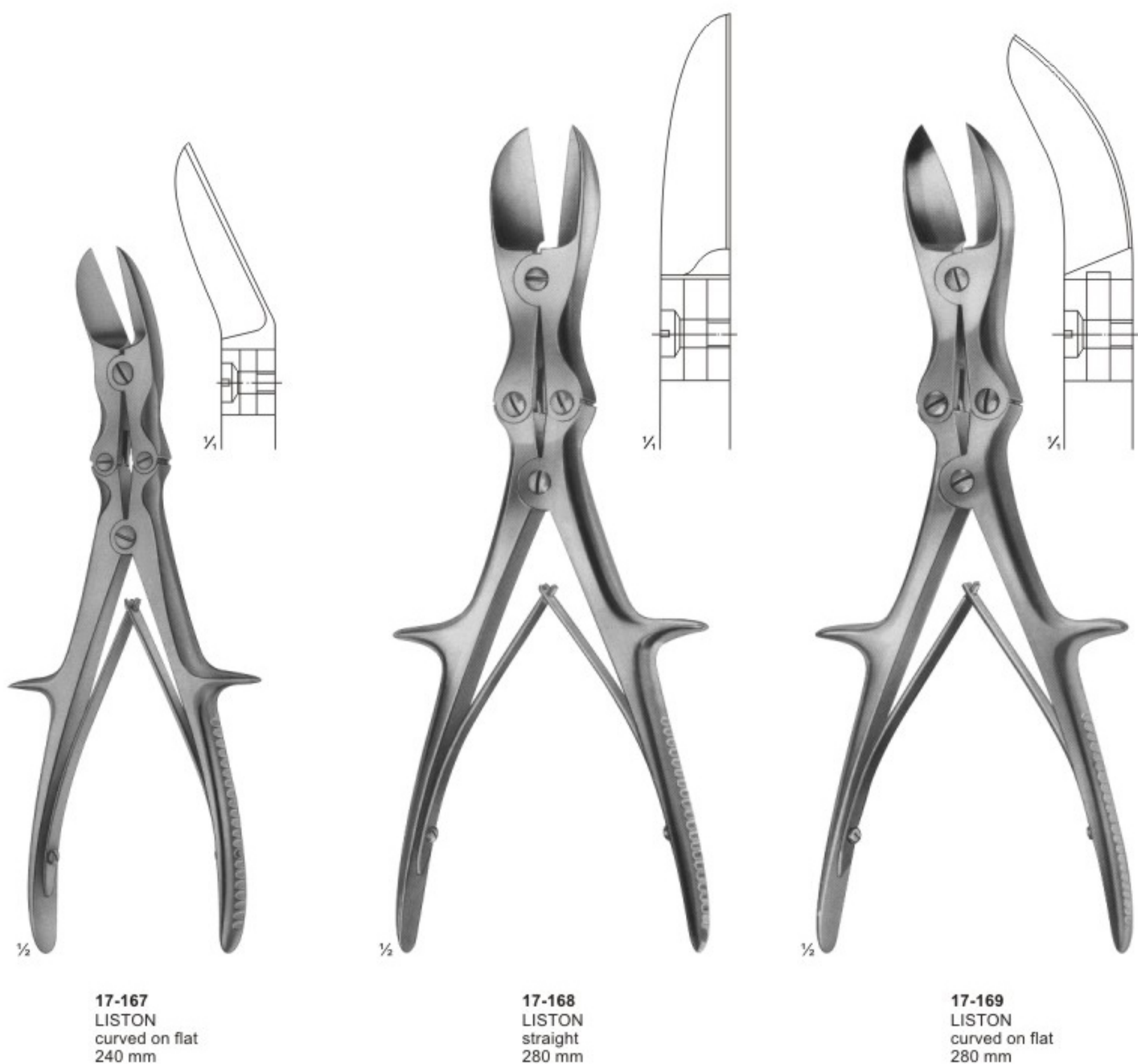


**17-165**  
**LEKSELL-STILLE**  
240mm



**17-166**  
**STILLE-RUSKIN**  
240mm

## Bone Cutting Forceps Knochensplitterzangen



# Plaster Instruments



## Plaster Shears Gipsscheren



**17-170**  
STILLE-AESCULAP  
260 mm



**17-171**  
STILLE-AESCULAP  
360 mm



## Plaster Spreader, Plaster Breakers Gipsspreizer, Gipsabreißzangen



**17-172**  
HENING  
270 mm



**17-173**  
MOD.USA  
230 mm



**17-174**  
290 mm



with removable jaws

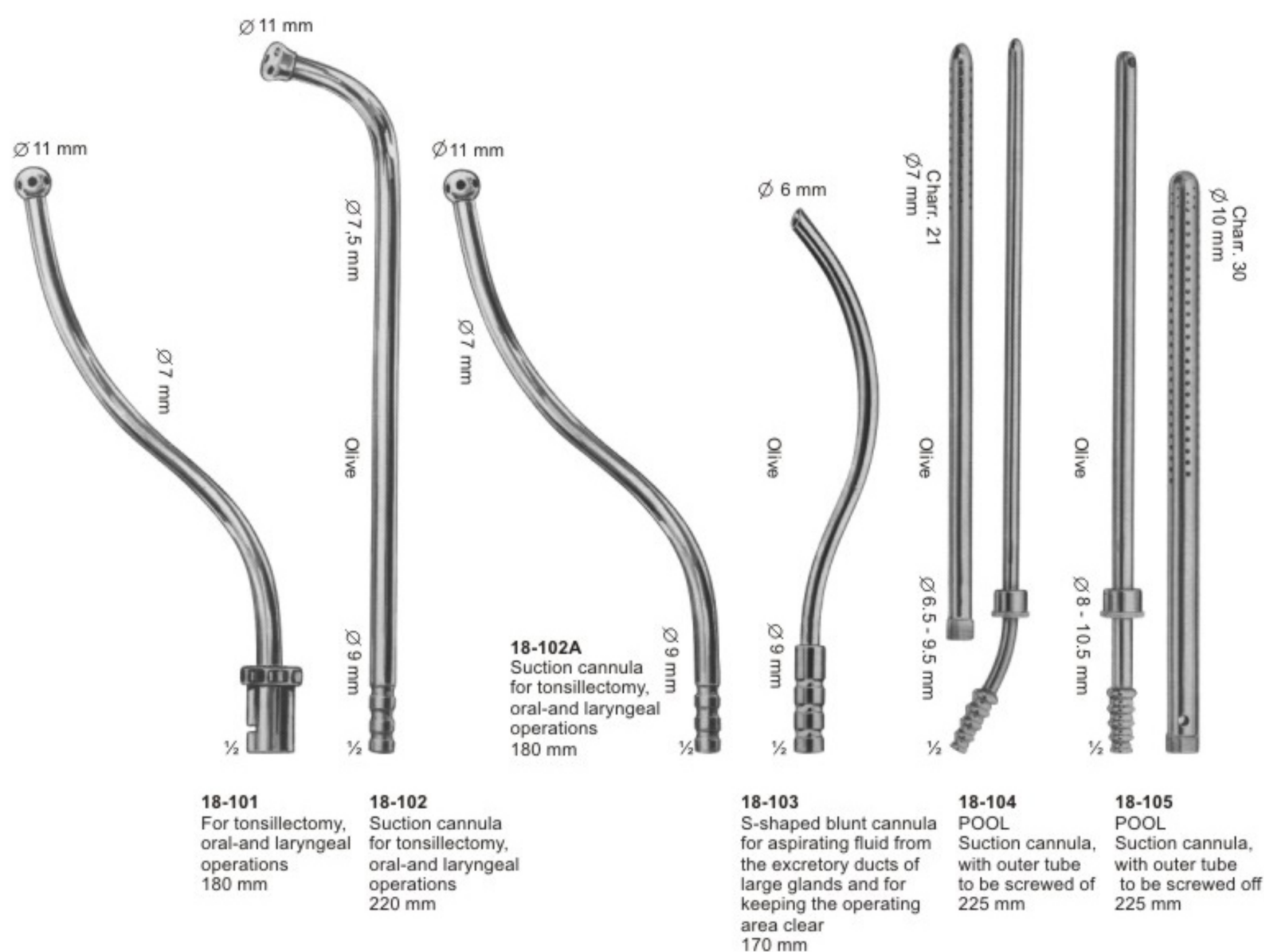


**17-175 - 176**  
WOLFF  
**17-175** 180 mm  
**17-176** 240 mm  
plaster breakers

# Suction Instruments



## Suction Instruments Sauginstrumente



## Suction Instruments Sauginstrumente

