



## SURGICAL INSTRUMENTS CATALOG

PRECISION • QUALITY • RELIABILITY



PRECISE  
PERFORMANCE








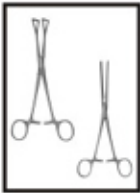
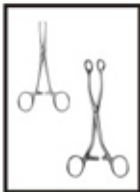
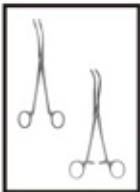


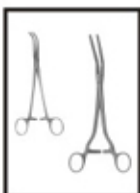





PREMIUM  
QUALITY

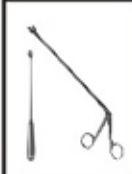

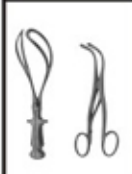










BUILT FOR  
PROFESSIONALS

# Table Of Contents

Diagnostic, Anaesthesia and other instruments	Page Seite 1 - 10		Probes, Pocket Instruments sets	Page Seite 66 - 68	
Scalpels, knives and Scalpel Handles	11 - 14		Wound Retractors	69 - 80	
Scissors	15 - 31		Self-Retaining Retractors, Abdominal Retractors	81 - 85	
Dissecting-and Tissue Forceps	32 - 42		Abdominal Surgery Intestinal-and Rectal Instruments	86 - 93	
Sponge, Dressing and Tissue Grasping Forceps Towel Clamps	43 - 48		Gall Bladder-, Liver-and Spleen Instruments	94 - 96	
Vessel Clips, Bulldog Clamps Haemostatic Forceps	49 - 57		Genito-Urinary Instruments and Trocars	97 - 100	
Ligature, Hysterectomy and Compression Forceps Vaginal Clamps	58 - 60		Vaginal Specula and Uterine Dilators	101 - 106	
Needle Holders, Suture Instruments	61 - 65		Uterine Probes, Uterine Dressing-, Polypus-and Ovum Forceps	107 - 109	

# Table Of Contents

Biopsy Instruments and Curettes	Page Seite  110 - 116		Suction Instruments	Page Seite  158 - 166	
Obstetrics and Tracheotomy	117 - 119		Hospital Wares	167 - 174	
Cardiovascular-and Thoracic Surgery	120 - 128		TC Instruments	175 - 187	
Bone Punches, Rongeurs	129 - 134				
Elevators, Bone Levers, Raspatories, Bone Files, Bone Curettes	135 - 139				
Mallets, Chisels and Gouges	140 - 141				
Bone Holding Forceps, Bone Rongeurs, Bone Cutting Forceps	142 - 146				
Plaster Instruments	147 - 157				

## Percussion Hammers and Aesthesiometers



**Stethoscopes**



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

½



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

½



**01-112**  
BOWLES  
Stethoscope  
with diaphragm

¼



**01-113**  
ANESTOPHON

½



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

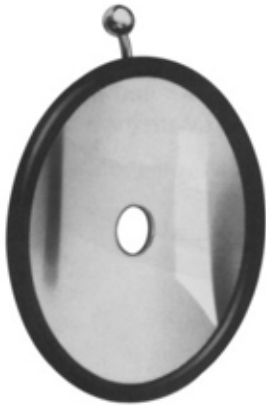
¼



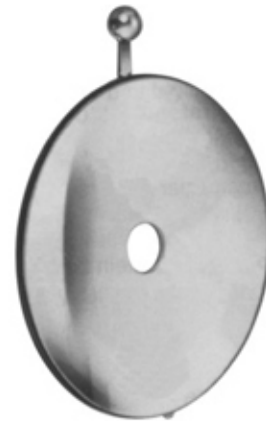
**01-115**  
BOWLES

¼

## Head Mirrors and Head Bands



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

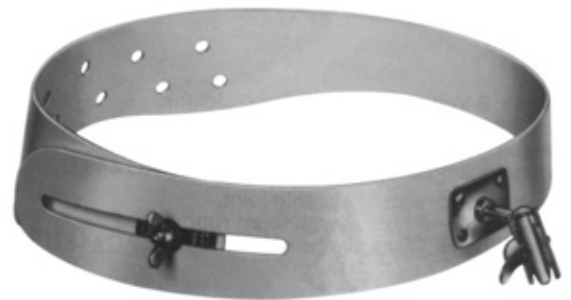


**01-117**  
ZIEGLER Ø 90mm  
head mirror only  
with metal coating



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

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



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

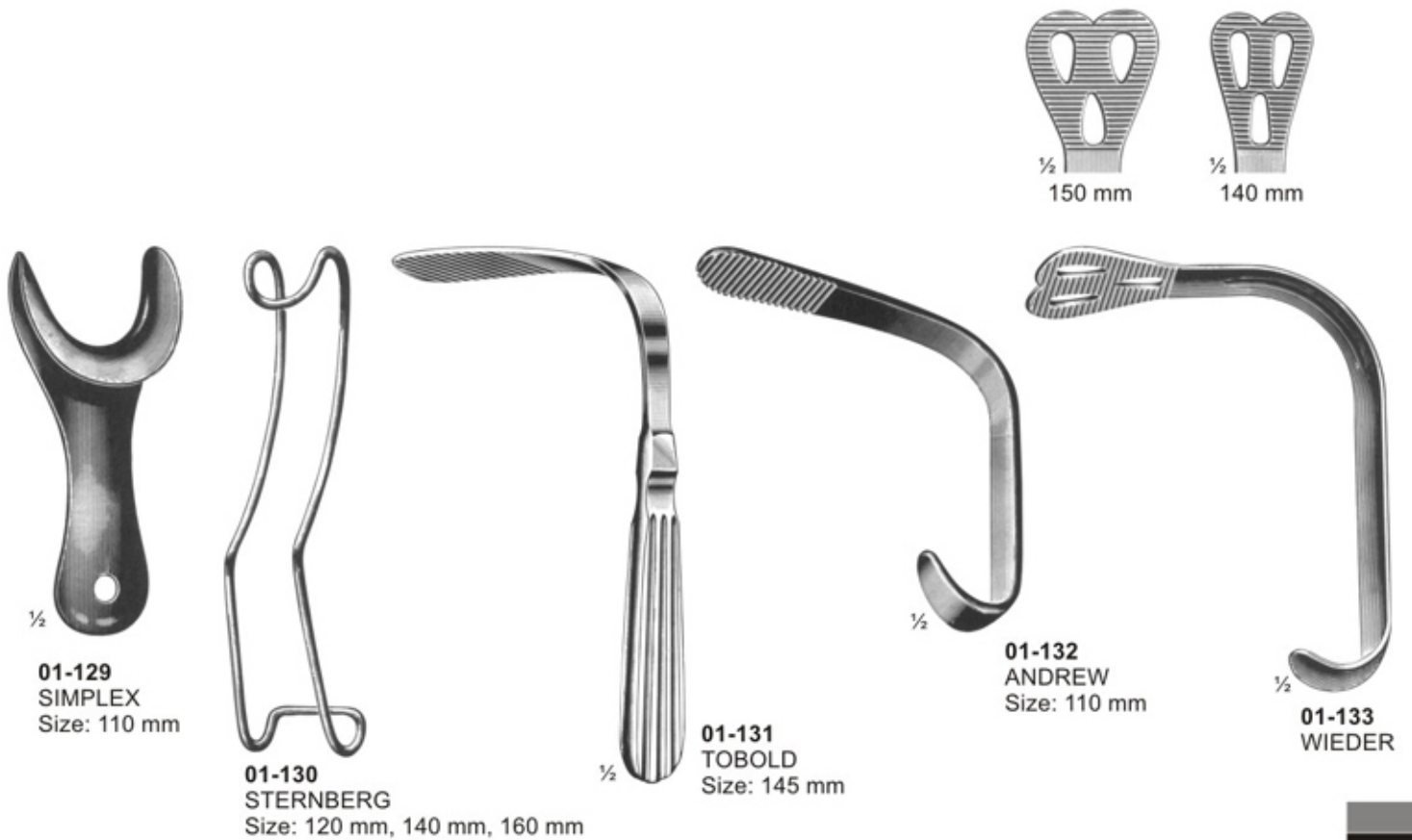
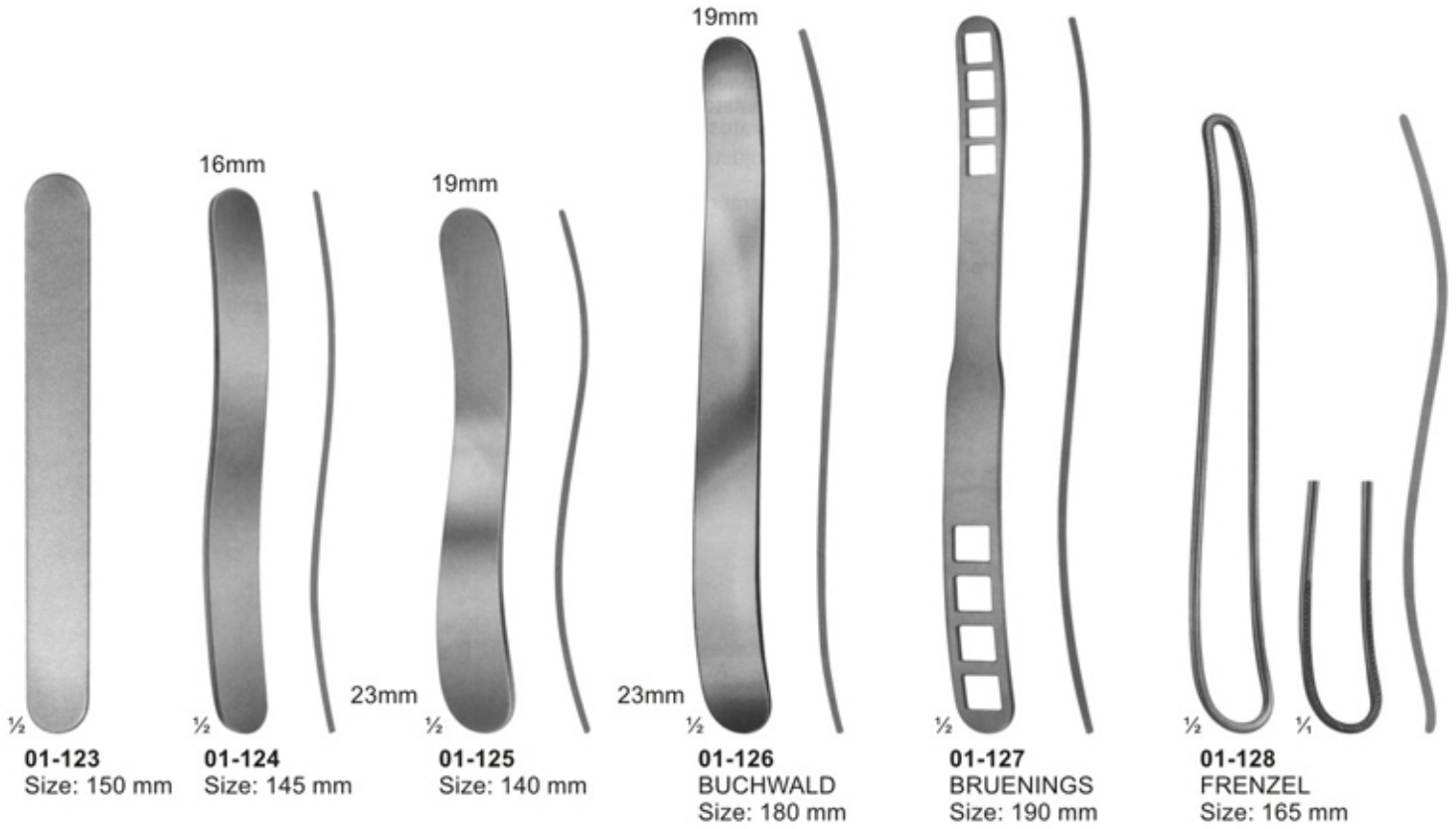


**01-121**  
head band of plastic,  
white, soft pattern



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

# Tongue Depressors



**Instruments for Anaesthesia  
and Tongue Forceps**



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



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



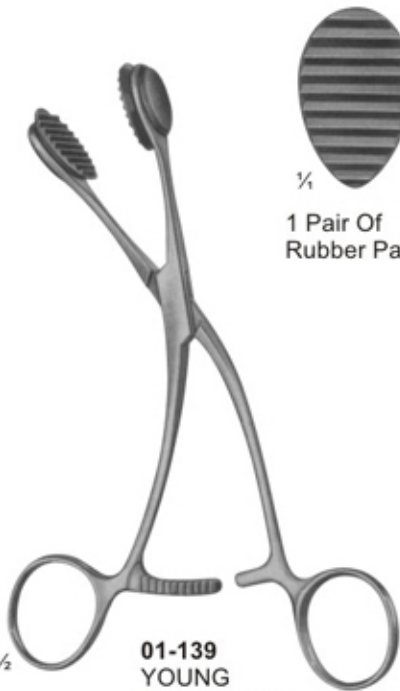
**01-136**  
**FERGUSSON-ACKLAND**  
Mouth gag  
Size: 145 mm



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



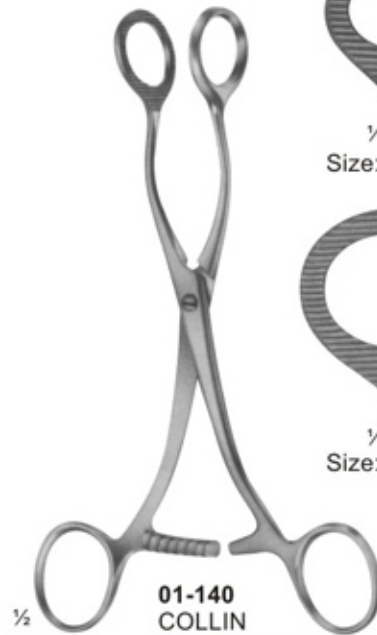
**01-138**  
**ROSER KOENIG**  
Mouth gag  
Size: 160 mm, 185 mm



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



1 Pair Of  
Rubber Pads



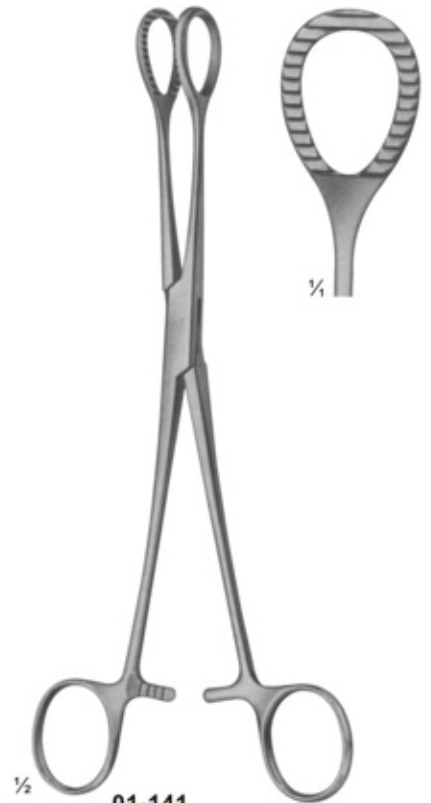
**01-140**  
**COLLIN**  
Size: 160 mm,  
170 mm



Size: 160 mm



Size: 170 mm

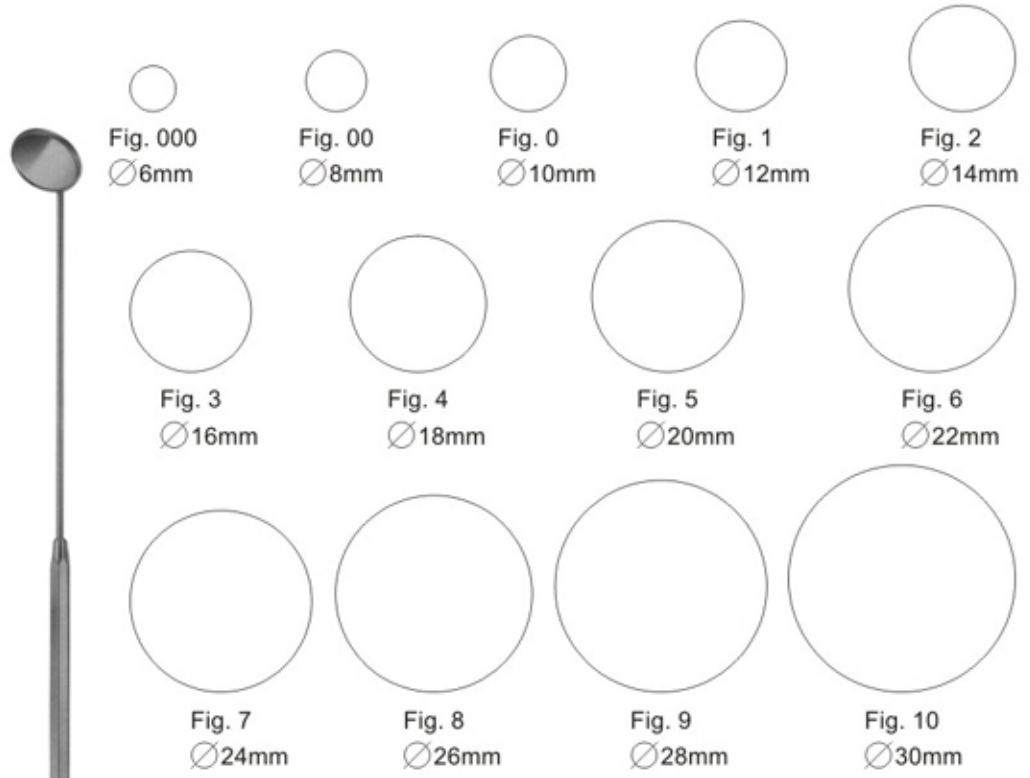


**01-141**  
**HEYWOOD-SMITH**  
modif. Size: 215 mm

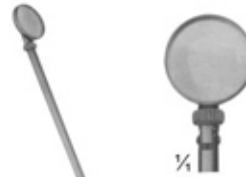
# Blood Lancets and Laryngeal Mirrors



**01-142**  
FRANCKE  
Automatic blood lancet



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



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



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



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



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

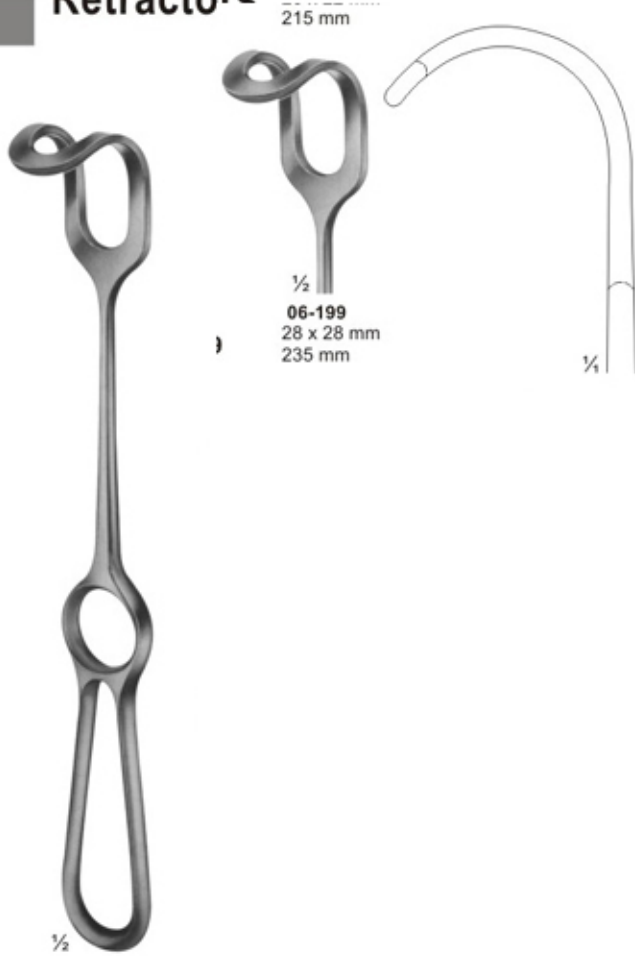


**01-146**  
Mirror handle  
Size: 105 mm



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

# Retractors



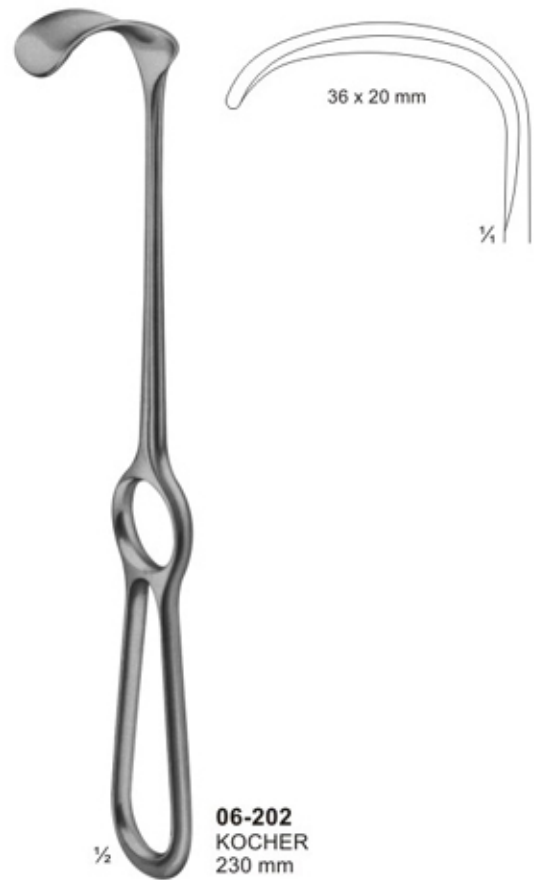
**06-197 - 06-199**  
MIDDELDORPF



**06-200**  
BUCHS  
205 mm



**06-201**  
CASPAR  
210 mm



**06-202**  
KOCHER  
230 mm

## Laryngoscope and Diagnostic Sets



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



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



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



**01-150 - 152**  
MAGILL



**01-154**



**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



**01-155**



**01-156**  
Otoscope set, consists of  
battery handle without batteries,  
3 ear specula, 1 bulb in valvet lined case



**01-157**  
Diagnostic set, otoscope with three specula,  
nasal speculam, lamp holder, two laryngeal  
mirrors, tongue blade holder

# Laryngoscopes



1/2

**01-158  
MILLER**  
Laryngoscope set, consists of battery handle ( without battery )  
with four miller laryngoscope blades

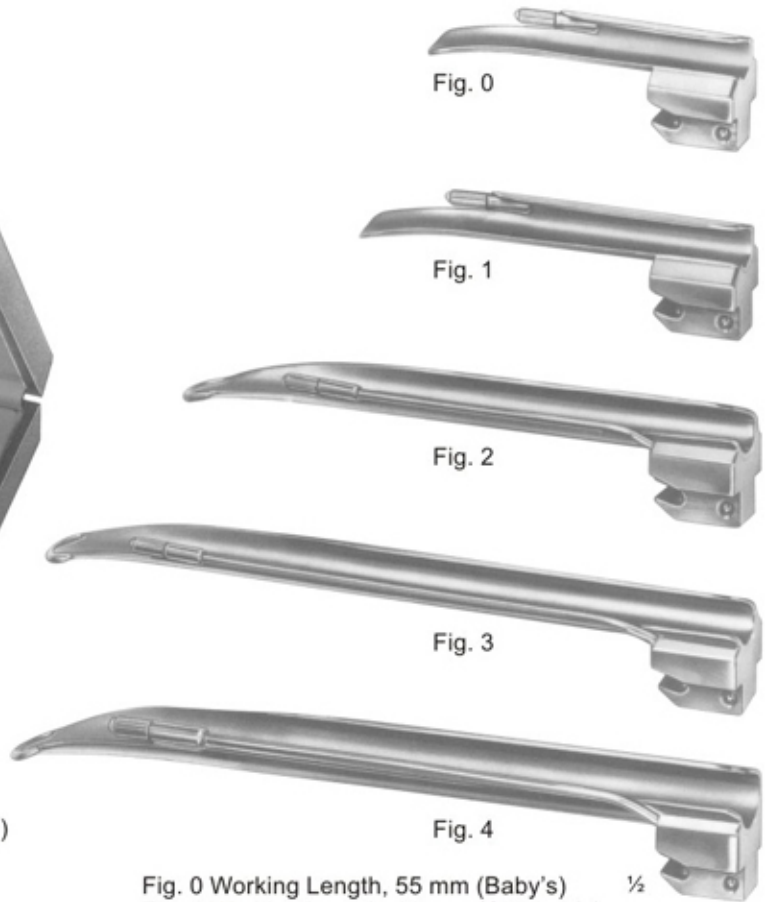


Fig. 0 Working Length, 55 mm (Baby's) 1/2  
Fig. 1 Working Length, 80 mm (Children's)  
Fig. 2 Working Length, 130 mm (Adolescent's)  
Fig. 3 Working Length, 170 mm (Women's)  
Fig. 4 Working Length, 180 mm (Men's)



1/2

**01-159  
GUEDEL-NEGUS**  
Laryngoscope set, consists of battery handle ( without battery )  
with four miller laryngoscope blades

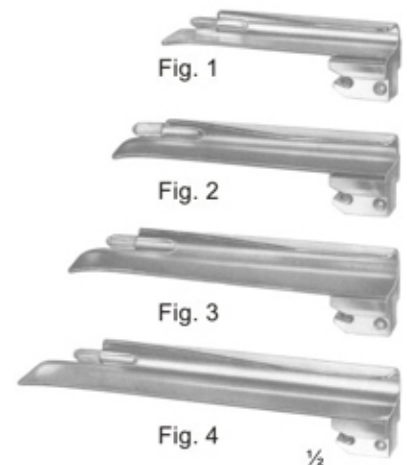
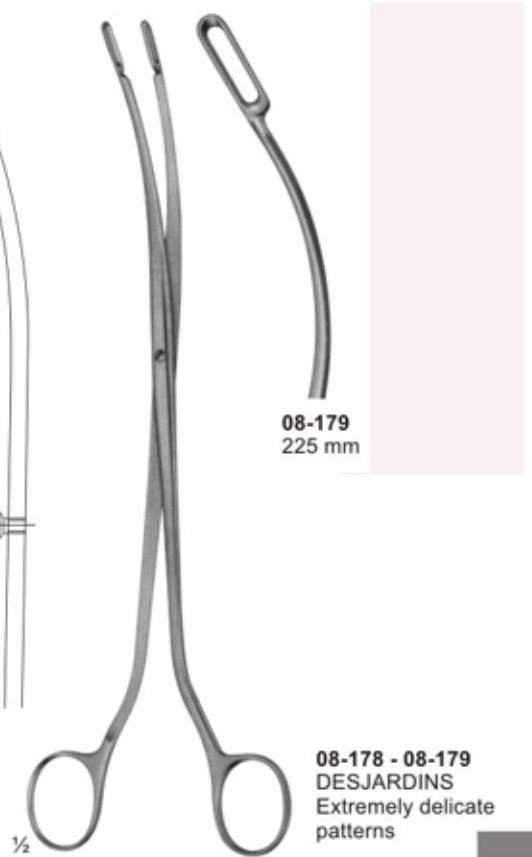
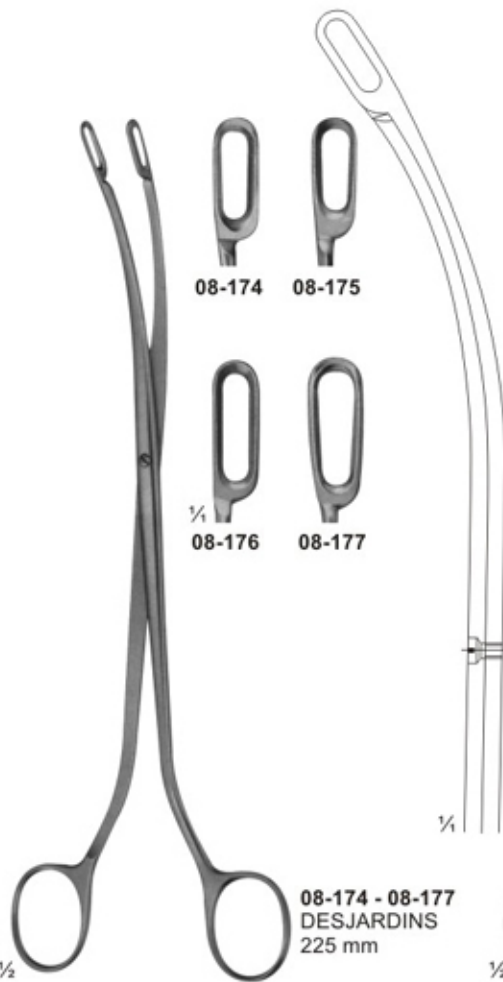
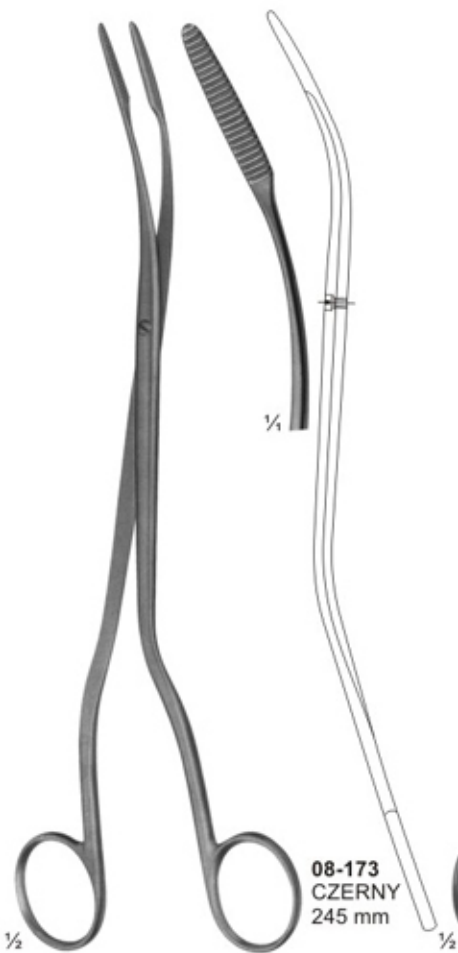
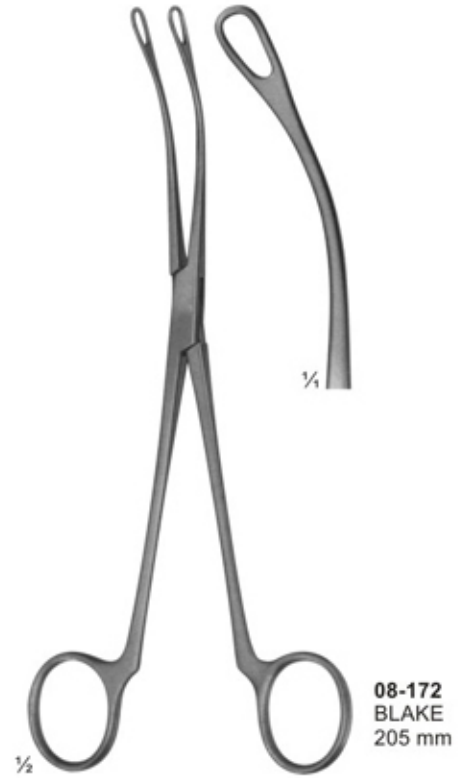


Fig. 1 Working Length, 70 mm (Children's) 1/2  
Fig. 2 Working Length, 90 mm (Adolescent's)  
Fig. 3 Working Length, 110 mm (Women's)  
Fig. 4 Working Length, 135 mm (Men's)

## Gall Stone Forceps



# Laryngoscopes



1/3

**01-160**  
McINTOSH  
Laryngoscope Set, Consists Of Battery Handle ( Without Battery )  
With Three McIntosh Blades, Fig. 1, Fig. 2, Fig. 3

**01-161**  
McINTOSH  
Laryngoscope Set, Consists Of Battery Handle ( Without Battery )  
With Five McIntosh Blades, Fig. 0, Fig. 1, Fig. 2, Fig. 3, Fig. 4



Fig. 0



Fig. 1



Fig. 2

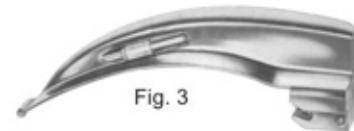


Fig. 3



Fig. 4

1/2

01-161 A Fig. 0 Working Length, 55 mm (Baby's)  
01-161 B Fig. 1 Working Length, 75 mm (Children's)  
01-161 C Fig. 2 Working Length, 90 mm (Adolescent's)  
01-161 D Fig. 3 Working Length, 110 mm (Women's)  
01-161 E Fig. 4 Working Length, 135 mm (Men's)

**01-162**  
FOREGGER  
Laryngoscope Set, Consists Of Battery Handle ( Without Battery )  
With Three Foregger Blades,  
Fig. 1, Fig. 2, Fig. 3,



1/3

**01-163**  
FOREGGER  
Laryngoscope Set, Consists Of Battery Handle ( Without Battery )  
With Four Foregger Blades,  
Fig. 1, Fig. 2, Fig. 3, Fig. 4,



Fig. 1



Fig. 2



Fig. 3

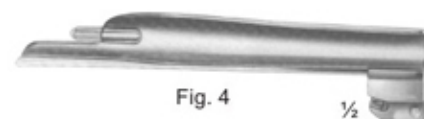


Fig. 4

1/2

01-162 A Fig. 1 Working Length, 70 mm (Children's)  
01-162 B Fig. 2 Working Length, 90 mm (Adolescent's)  
01-162 C Fig. 3 Working Length, 110 mm (Women's)  
01-162 D Fig. 4 Working Length, 135 mm (Men's)



1/2

**01-164**  
Fiber Optic  
Battery Handle  
30mm diam.



1/2

**01-165**  
Fiber Optic  
Battery Handle  
18mm diam.



1/4

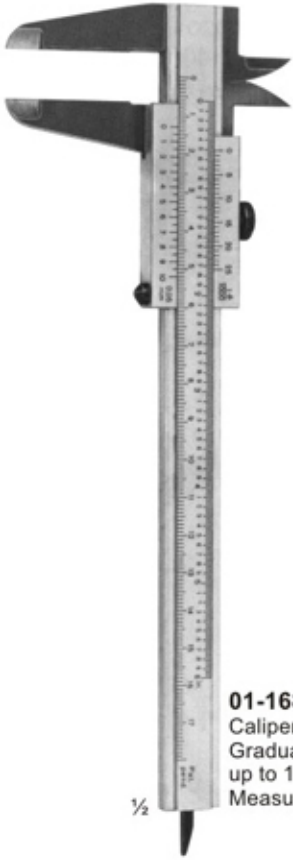
**01-166**  
Replacement Lamp  
( Krypton ) 2.5 V



1/4

**01-167**  
Replacement Lamp  
( Halogen ) 2.5 V

## Examination & Measuring Instruments



**01-168**  
Caliper Of Aluminium  
Graduated in mm & inches  
up to 180mm  
Measuring Range up to 139mm



**01-169**  
VERNIER  
Universal Caliper Of Steel  
Graduated in mm & inches  
up to 180mm  
Measuring Range up to 120mm  
with Vernier in 1/10mm & 1/16"



**01-170**  
CARROLL  
Size: 145 mm  
Finger Goniometer



**01-171**  
TOWNLEY  
Graduated in  
mm & inches  
Size: 115 mm



**01-172**  
COLLIN  
Druck Pressure 72 kg  
Size: 125 mm



**01-173**  
BERTILLON  
Caliper For Measuring The Head  
Size: 320 mm



**01-174**  
CASTROVIEJO  
Caliper  
Size: 75mm



**01-175**  
MOLTGEN  
Goniometer



**01-176**  
Size: 150 mm



**01-177**  
Size: 500 mm



# Dissecting Knives



1/2

**02-101 - 110**  
Fig. 1 - 10



1/4

**02-101**  
Fig. 1  
30 mm



**02-102**  
Fig. 2  
36 mm



**02-103**  
Fig. 3  
40 mm



**02-104**  
Fig. 4  
45 mm



**02-105**  
Fig. 5  
50 mm



1/4

**02-106**  
Fig. 6  
27 mm



**02-107**  
Fig. 7  
35 mm



**02-108**  
Fig. 8  
40 mm



**02-109**  
Fig. 9  
47 mm



**02-110**  
Fig. 10  
50 mm

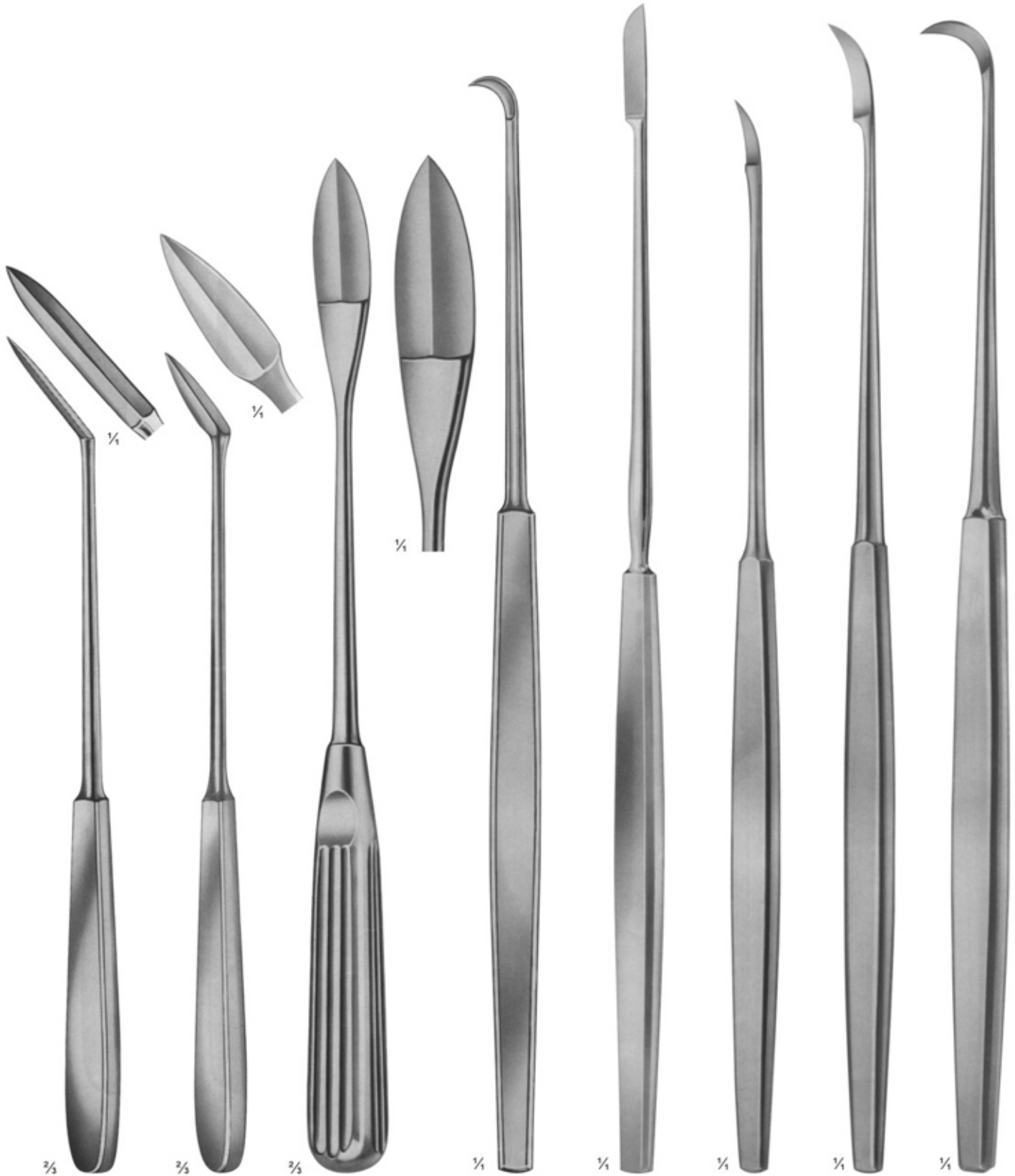
**Amputating Knives, Cartilage Knives  
and Autopsy Knives**



- |  |  |  |   |  |   |  |   |
|--|--|--|---|--|---|--|---|
| <b>LISTON</b><br><b>02-111</b><br>Size: 130 mm | <b>02-115</b><br><b>CATLIN</b><br>Size: 160 mm | <b>02-116</b><br><b>LANGENBECK</b><br>Size: 120 mm | <b>02-117</b><br>Size: 110 mm<br>Blade length | <b>02-118</b><br>Size: 55 mm<br>Blade length<br>with raspatory,<br>Wooden handle | <b>02-119</b><br>Size: 70 mm<br>Blade length<br>Wooden handle | <b>02-120</b><br>Size: 80 mm<br>Blade length<br>Metal handle | <b>02-121</b><br>Size: 195 mm<br>Blade length<br>Metal handle |
| <b>02-112</b><br>Size: 160 mm                  | Blade length<br>Amputating<br>Knives           | Blade length<br>Flap Knives                        | Interosseous<br>Knives                        |  |   |  |   |
| <b>02-113</b><br>Size: 190 mm                  |  |  |   |  |   |  |   |
| <b>02-114</b><br>Size: 200 mm                  |  |  |   |  |   |  |   |

Blade length  
Amputating Knives

**Cone Knives, Myomatome, Trigeminal  
and Tonsil Knives**



**02-122**  
AYRE  
Size: 235 mm  
Cone Knife

**02-123**  
Size: 230 mm  
Cone Knife

**02-124**  
SEGOND  
Size: 270 mm  
Myomatome

**02-125**  
OLIVECRONA  
Size: 205 mm  
Trigeminal  
Knife

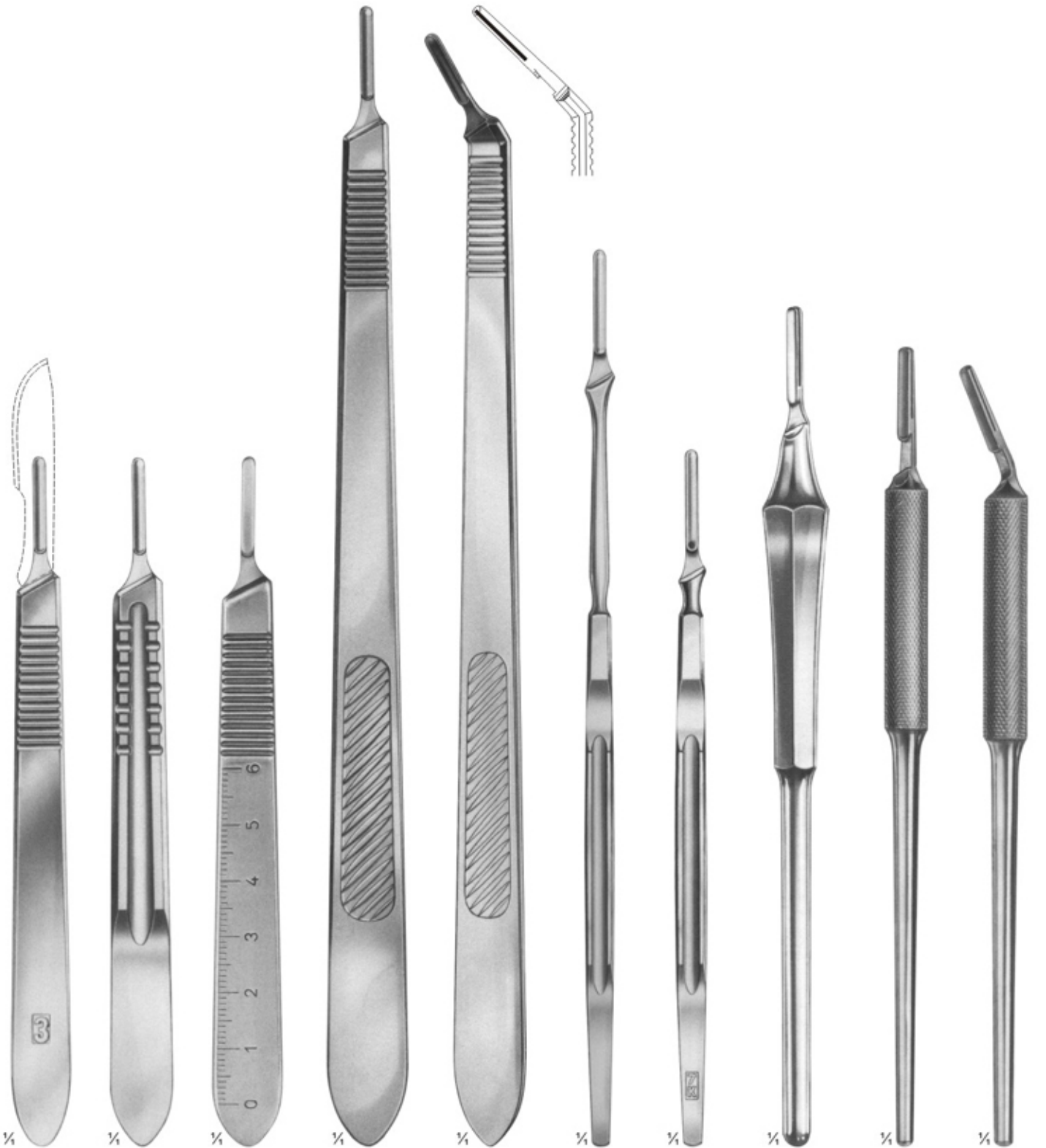
**02-126**  
Size: 230 mm  
Trigeminal  
Knife

**02-127**  
FOWLER  
Size: 200 mm  
Tonsil Knife

**02-128**  
ABRAHAM  
Size: 215 mm  
Tonsil Knife

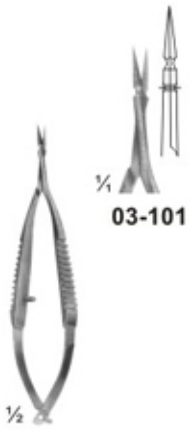
**02-129**  
BRUNINGS  
Size: 215 mm  
Tonsil Knife

## Scalpel Handles



$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
<b>02-130</b> STANDARD No. 3 Solid 12 cm	<b>02-131</b> No. 3 Solid 12 cm	<b>02-132</b> No. 3 Solid 12 cm	<b>02-133</b> No. 3 L Straight Solid 21.5 cm	<b>02-134</b> No. 3 L Angled Solid 21 cm	<b>02-135</b> No. 7 Solid 16 cm	<b>02-136</b> No. 7 K Solid 12.5 cm	<b>02-137</b> Hollow-Round 15.5 cm	<b>02-138</b> No. 3 Straight Solid, Round 14.5 cm	<b>02-139</b> No. 3 Angled Solid, Round 14 cm

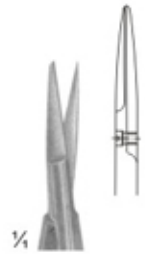
## Micro Scissors (Spring Type) with Flat Handles



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



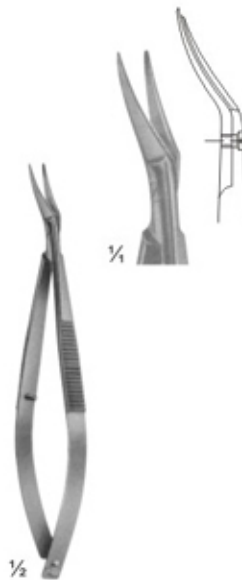
**03-104 - 105**  
CASTROVIEJO  
Size: 95 mm



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



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

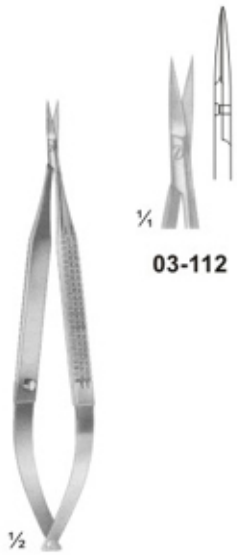


**03-109**  
CASTROVIEJO  
Eye scissor  
Size: 115 mm



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

## Micro Scissors (Spring Type) with Flat Handles



1/4  
**03-112**



**03-113**



1/2  
**03-114**  
BIEMER  
Vein scissor  
Size: 130 mm



1/4  
**03-115**  
Size: 160 mm



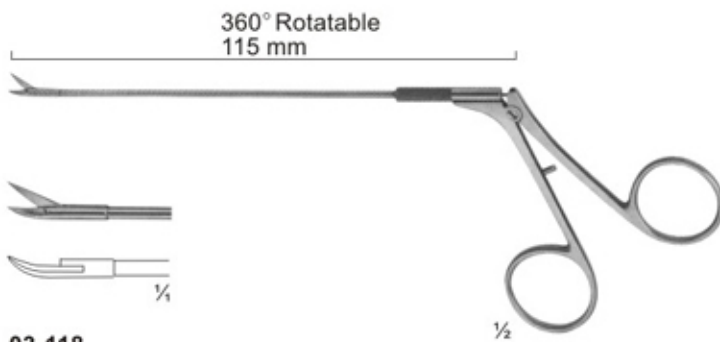
1/2  
**03-116 - 117**  
VANNAS  
Size: 160 mm



1/4  
**03-116**



**03-117**



**03-118**  
CASPAR  
Micro scissor curved  
Size: 115 mm



1/4  
**03-119**



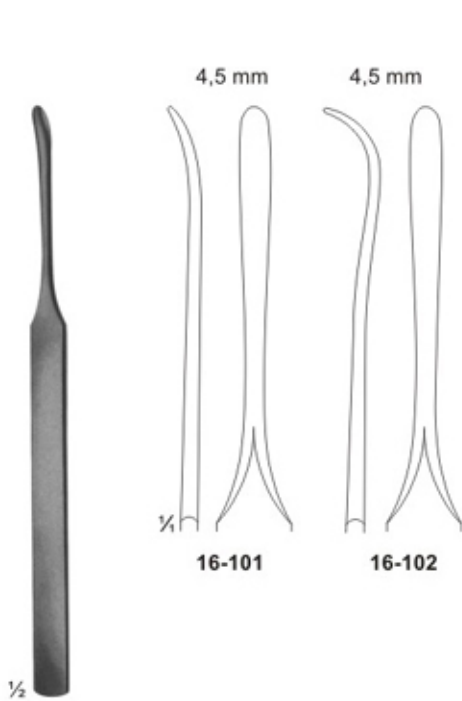
**03-120**



**03-121**

1/2  
**03-119 - 121**  
Micro dissecting scissor  
Size: 145 mm

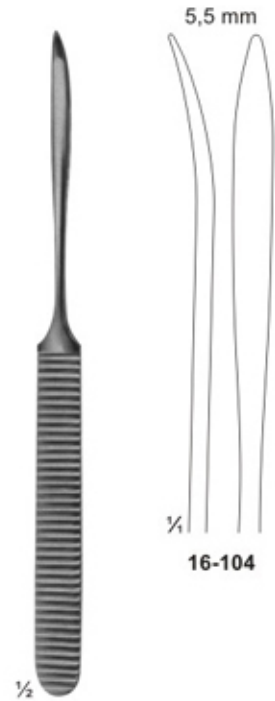
## Elevators and Bone Levers



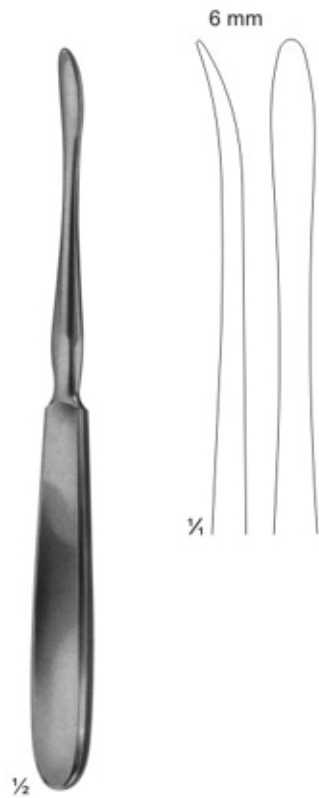
**16-101 - 102  
KONIG**  
155 mm



**16-103  
WILLIGER**  
165 mm



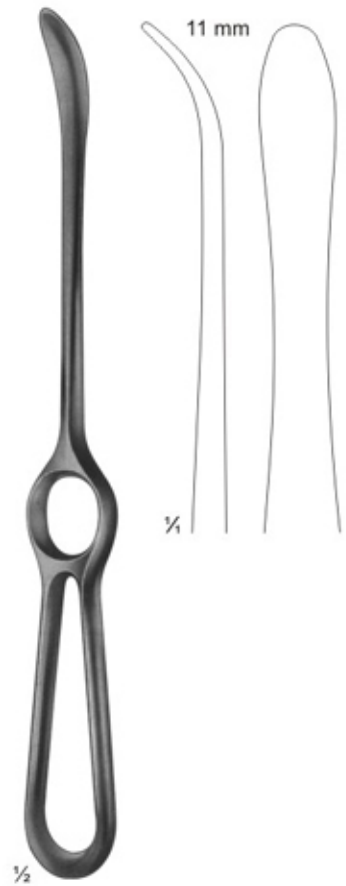
**16-104  
WILLIGER**  
170 mm



**16-105  
QUERVAIN**  
195 mm

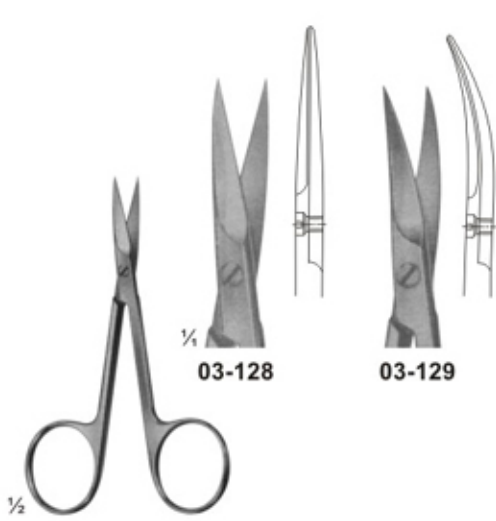


**16-106 - 107  
LANGENBACK**  
195 mm



**16-108  
LANGENBACK**  
230mm

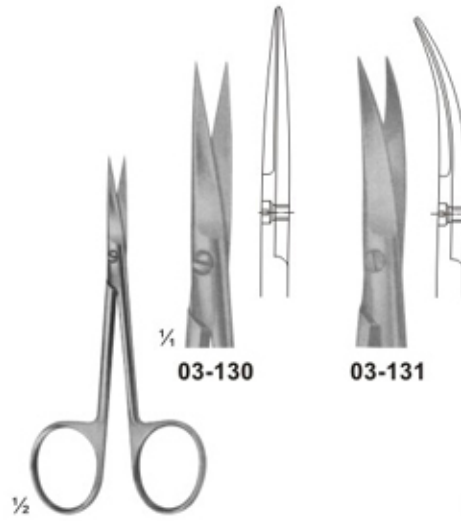
## Delicate Scissors



03-128

03-129

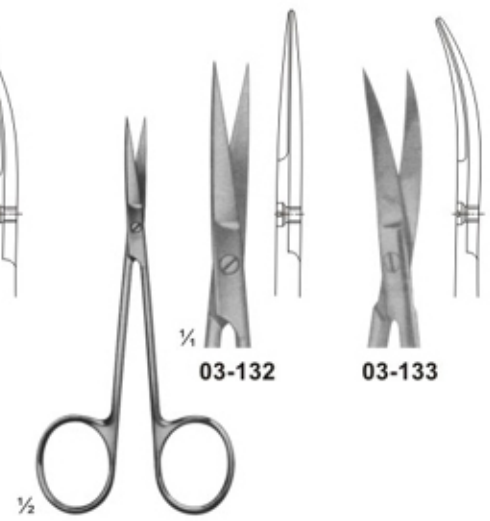
**03-128 - 129**  
Size: 90 mm



03-130

03-131

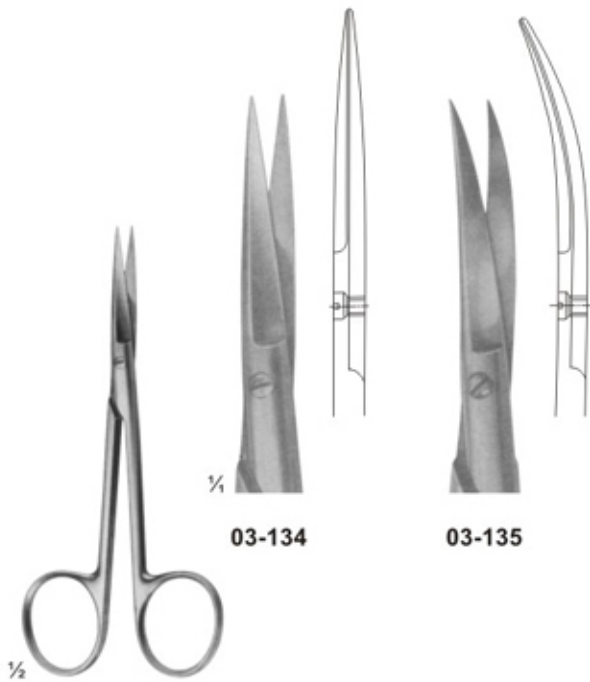
**03-130 - 131**  
Size: 95 mm



03-132

03-133

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



03-134

03-135

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



03-136

03-137

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

## Delicate Scissors



½

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



¼

**03-138**



**03-139**



**03-140**



½

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



¼

**03-141**



**03-142**



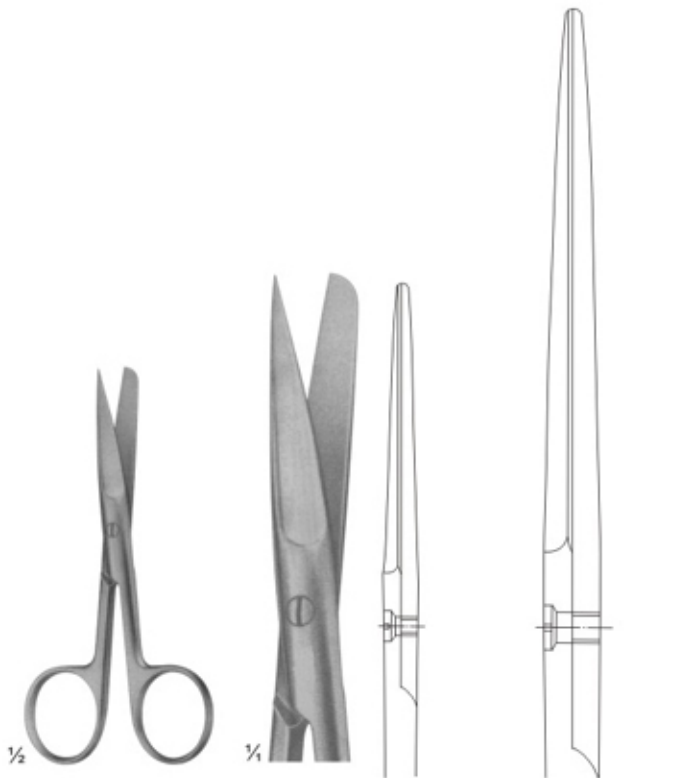
**03-143**



**03-144**



# Surgical Scissors



**03-145 - 153 (Standard types)**  
**03-145** ( 105 mm )  
**03-146** ( 115 mm )  
**03-147** ( 130 mm )  
**03-148** ( 145 mm )  
**03-149** ( 150 mm )  
**03-150** ( 165 mm )  
**03-151** ( 175 mm )  
**03-152** ( 185 mm )  
**03-153** ( 200 mm )

**03-145**  
Size: 105 mm

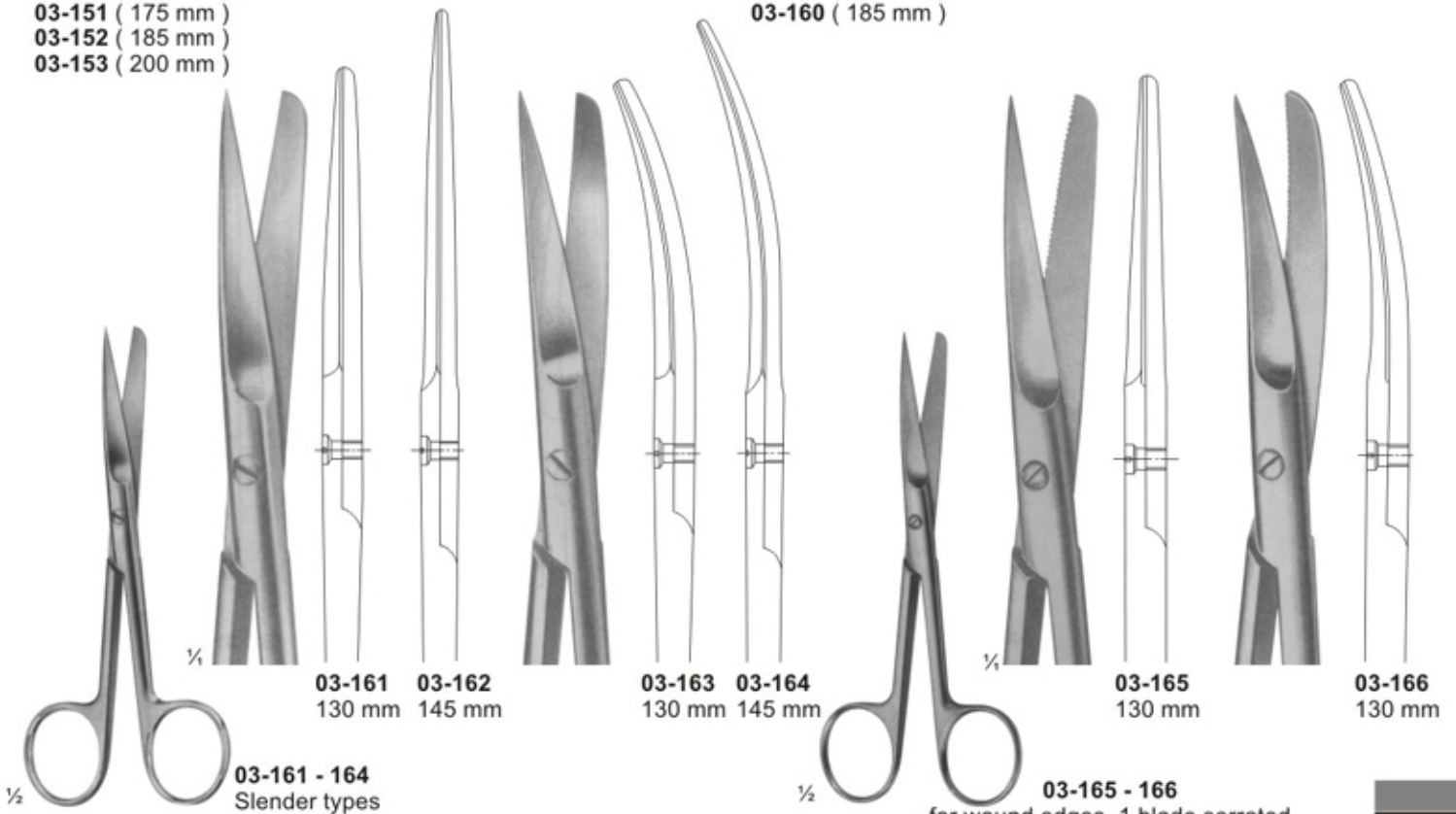
**03-153**  
Size: 200 mm



**03-154 - 160 (Standard types)**  
**03-154** ( 115 mm )  
**03-155** ( 130 mm )  
**03-156** ( 145 mm )  
**03-157** ( 150 mm )  
**03-158** ( 165 mm )  
**03-159** ( 175 mm )  
**03-160** ( 185 mm )

**03-154**  
Size: 115 mm

**03-160**  
Size: 185 mm



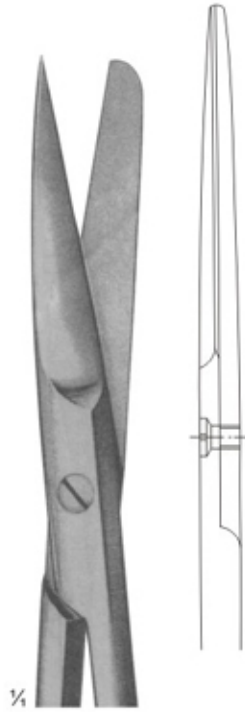
**03-161 - 164**  
Slender types

**03-165 - 166**  
for wound edges. 1 blade serrated

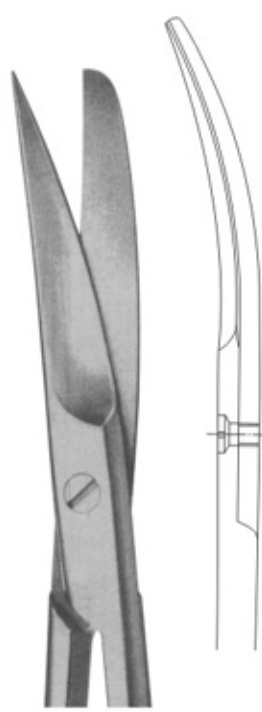
# Surgical Scissors



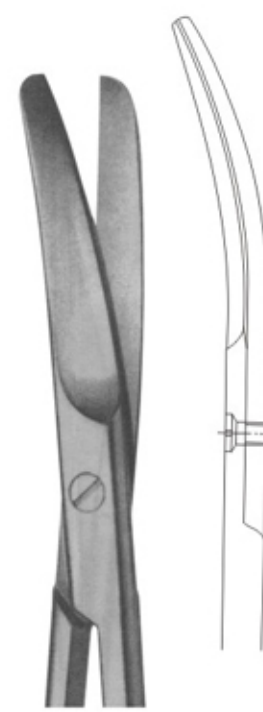
**03-167 - 169**  
DEAVER  
with flat lock



**03-167**  
Size: 145 mm



**03-168**  
Size: 145 mm



**03-169**  
Size: 145 mm



**03-170 - 172**  
Incision scissors



**03-170**  
Size: 130 mm



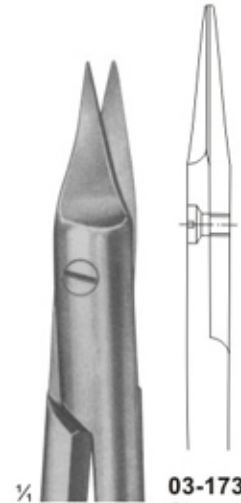
**03-171**  
Size: 145 mm



**03-172**  
Size: 165 mm

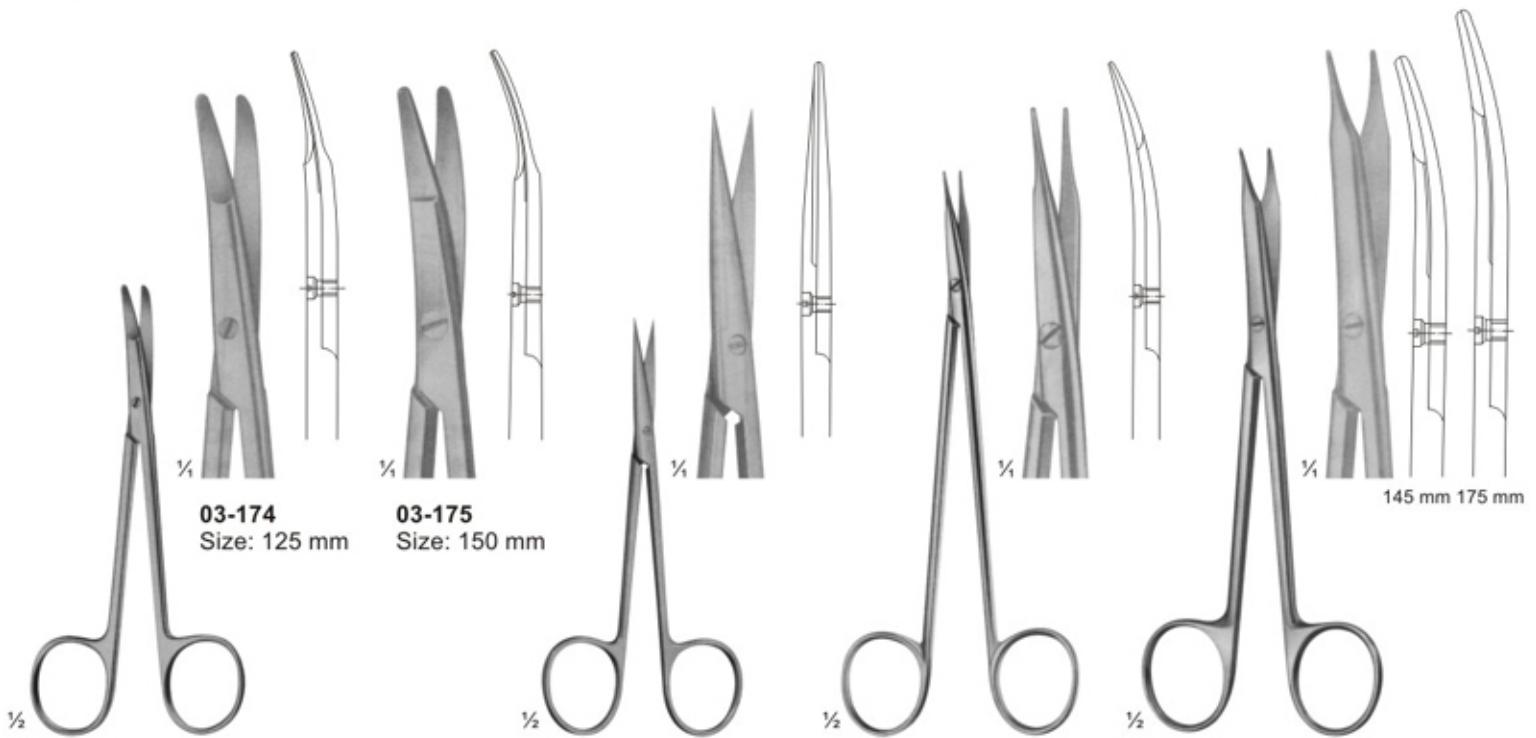


**03-173**  
SYSTRUNK  
Nail splitting scissors



**03-173**  
Size: 130 mm

# Dissecting Scissors



**03-174**  
Size: 125 mm

**03-175**  
Size: 150 mm

**03-176**  
Size: 115 mm

**03-177**  
Size: 150 mm

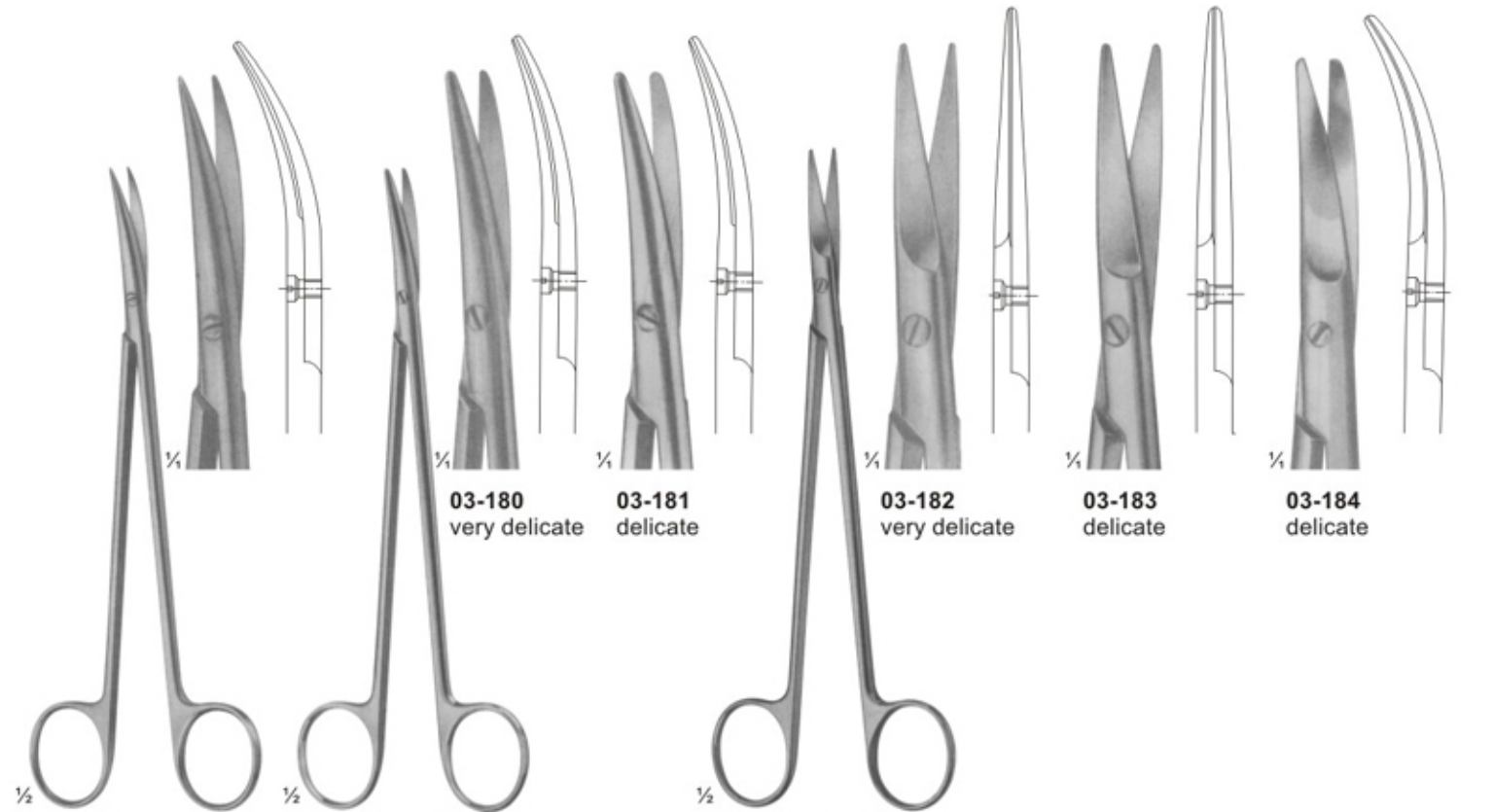
**03-178**  
Size: 145 mm 175 mm

**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

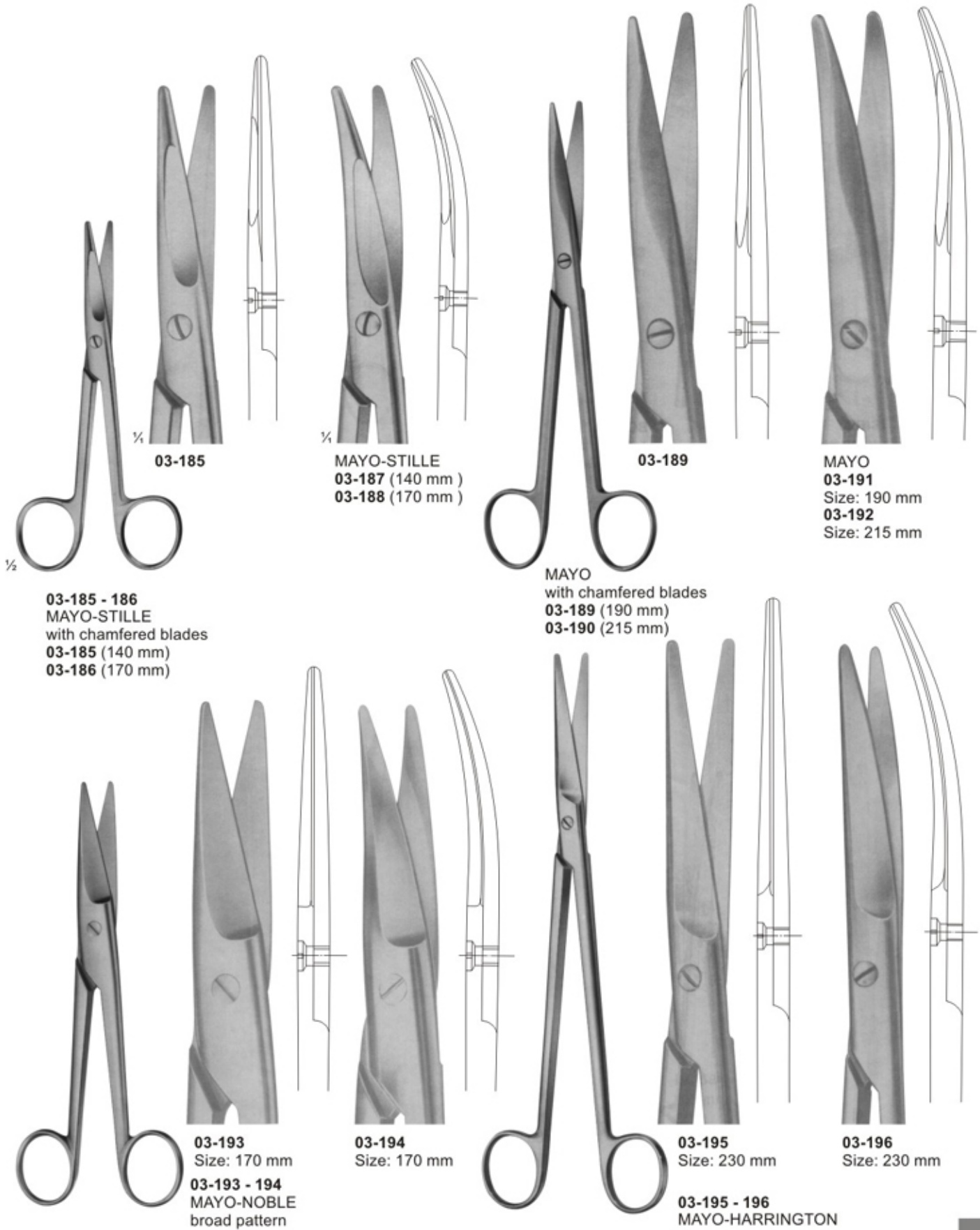


**03-179**  
**DE BAKEY**  
Arteriotomy scissors  
Size: 175 mm

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

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

## Dissecting Scissors




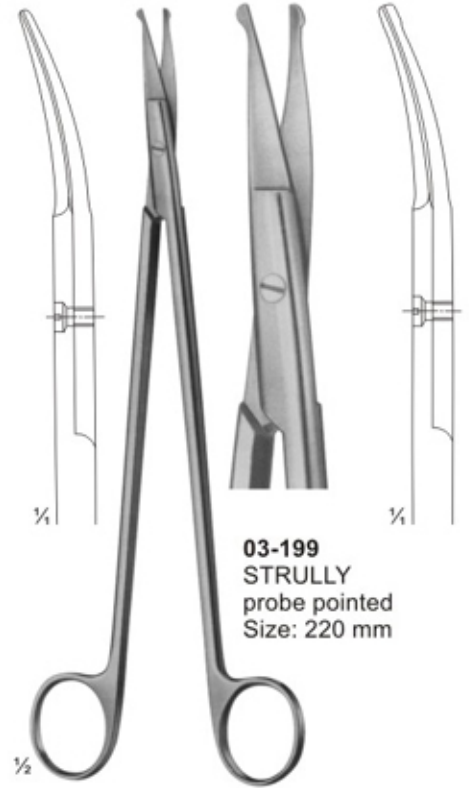
# Scissors for Cardiovascular and Neuro-Surgery



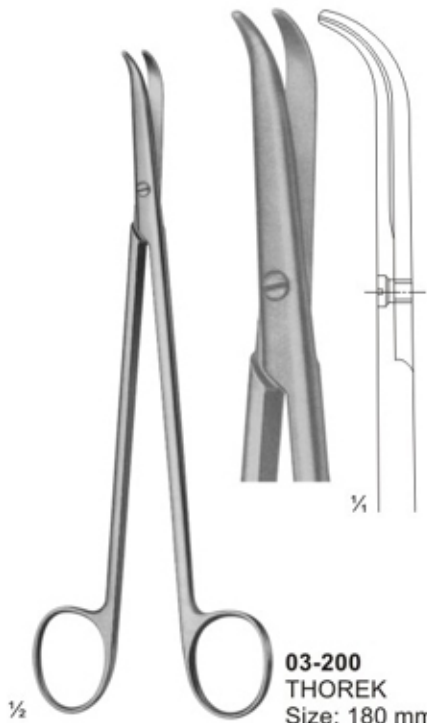
1/2   
**03-197**  
OLIVECRONA  
Dura scissors



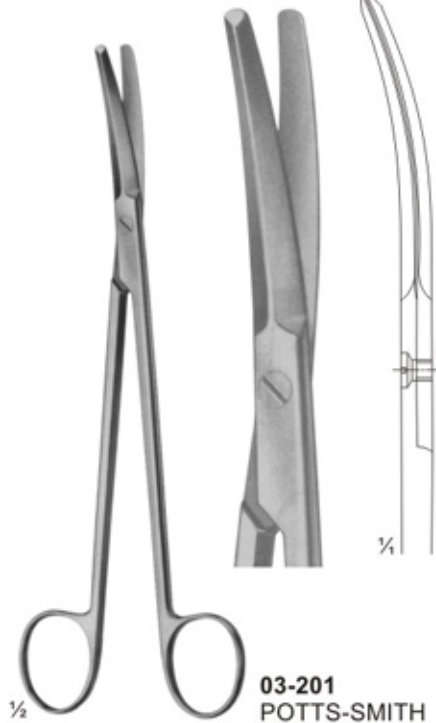
1/2   
**03-198**  
STRULLY  
pointed  
Size: 220 mm




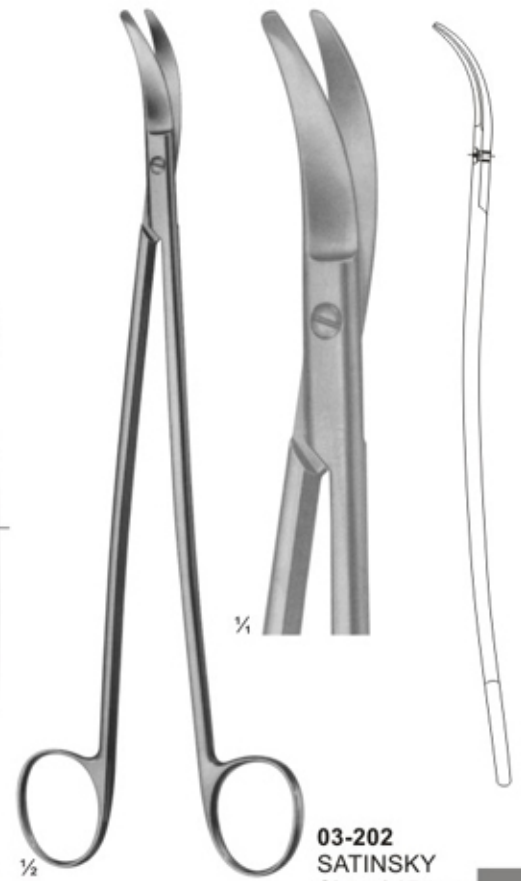
**03-199**  
STRULLY  
probe pointed  
Size: 220 mm




1/2   
**03-200**  
THOREK  
Size: 180 mm



1/2   
**03-201**  
POTTS-SMITH  
Size: 190 mm



1/2   
**03-202**  
SATINSKY  
Size: 245 mm

## Delicate, Nasal and Tonsil Scissors

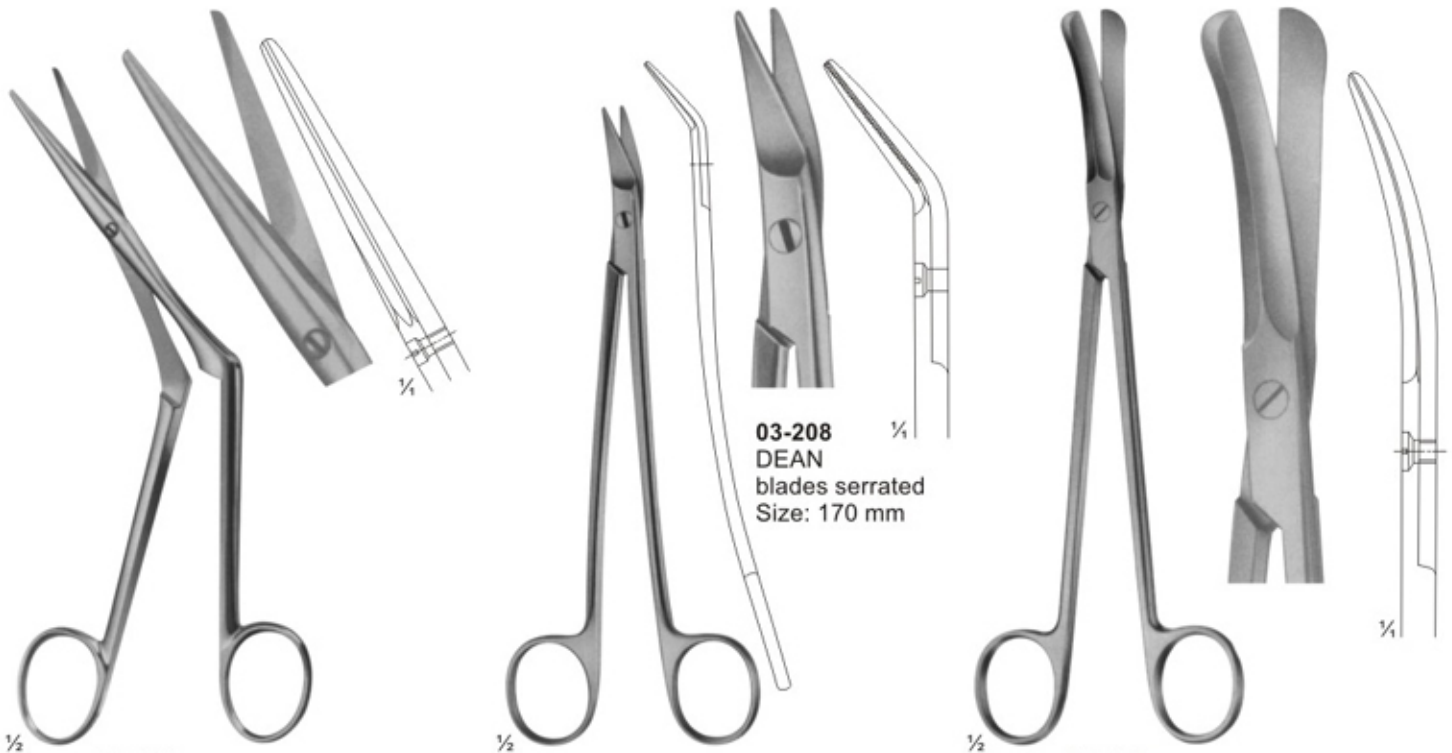


**03-203**  
1 finely toothed blade  
Size: 130 mm

**03-204**  
**LOCKLIN**  
curved sideways,  
1 toothed blade  
Size: 155 mm

**03-205**  
**FOMON**  
blades serrated  
Size: 145 mm

**03-206**  
**COTTLE**  
Size: 165 mm

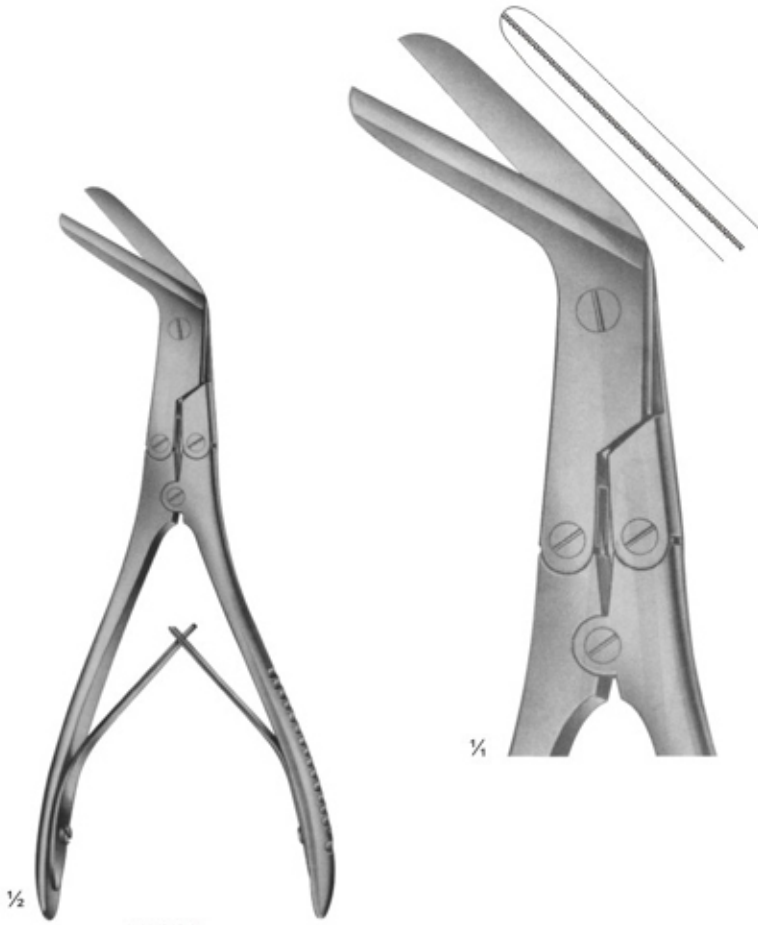


**03-207**  
**HEYMANN-KNIGHT**  
Size: 175 mm

**03-208**  
**DEAN**  
blades serrated  
Size: 170 mm

**03-209**  
**GOOD**  
Size: 195 mm

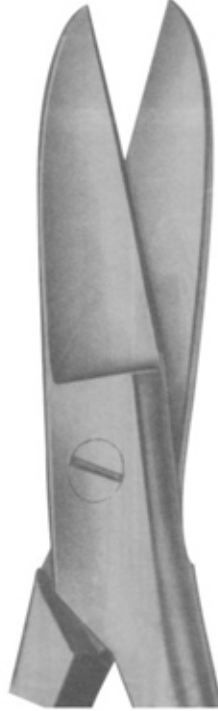
**Bone Shears**



**03-210**  
KILLIAN  
Size: 200 mm



**03-211 - 03-212**



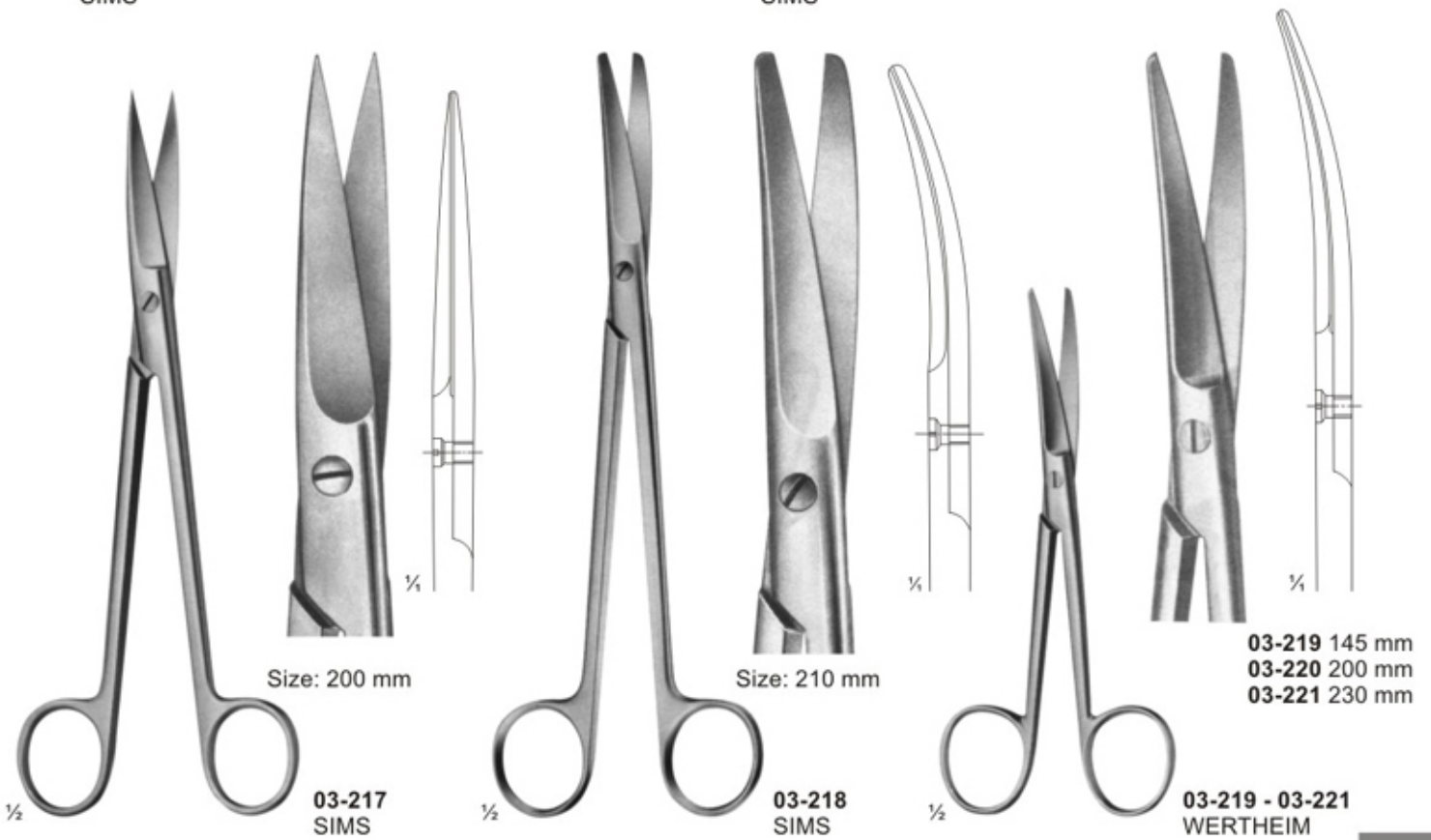
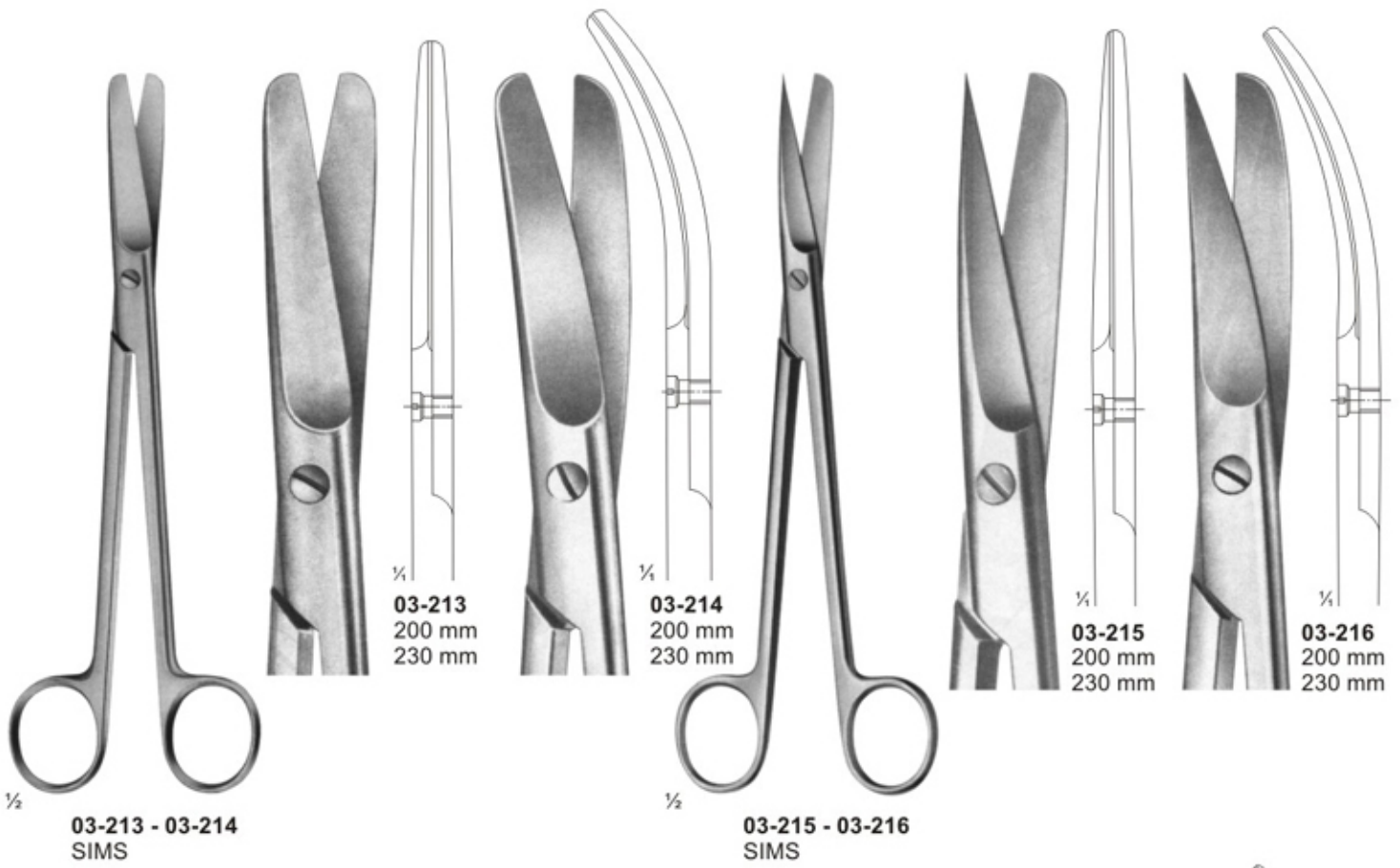
**03-211**  
195 mm



**03-212**  
225 mm



**Scissors for deep operations and  
for Gynaecology**



## Scissors for Obstetrics

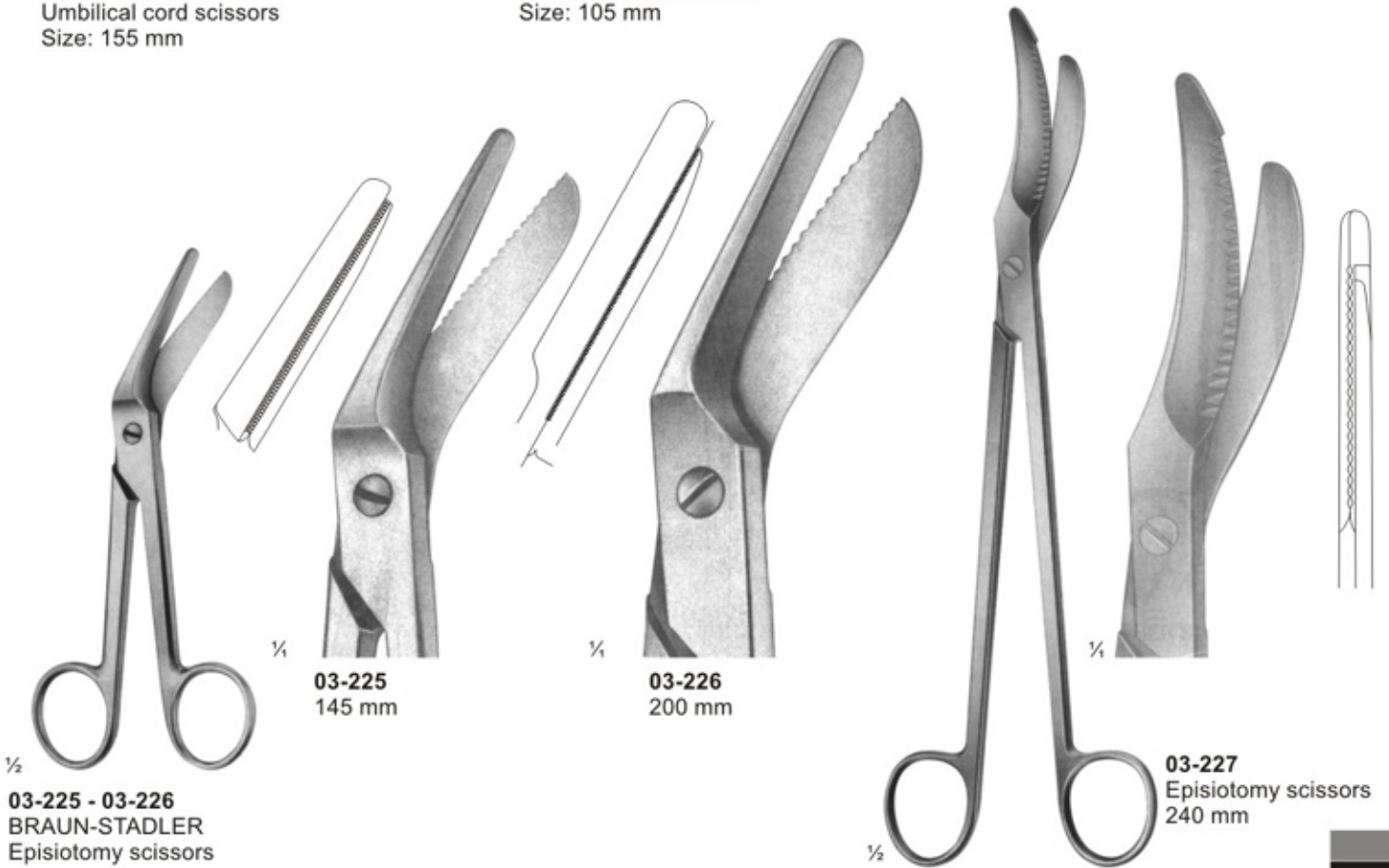


**03-222**  
**SCHUMACHER**  
Umbilical cord scissors  
Size: 155 mm

**03-223**  
Umbilical cord scissors  
Size: 105 mm

**03-224**  
Umbilical cord scissors

135 mm



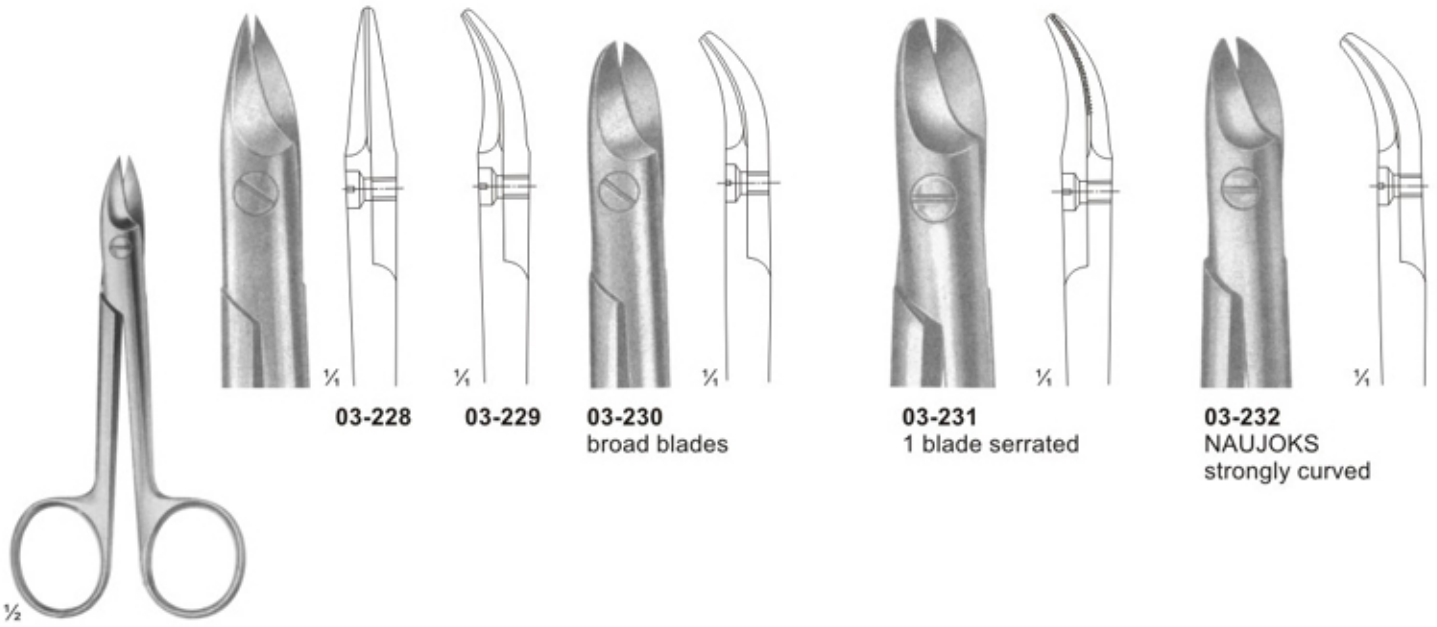
**03-225 - 03-226**  
**BRAUN-STADLER**  
Episiotomy scissors

**03-225**  
145 mm

**03-226**  
200 mm

**03-227**  
Episiotomy scissors  
240 mm

## Wire and Plate Scissors



03-228

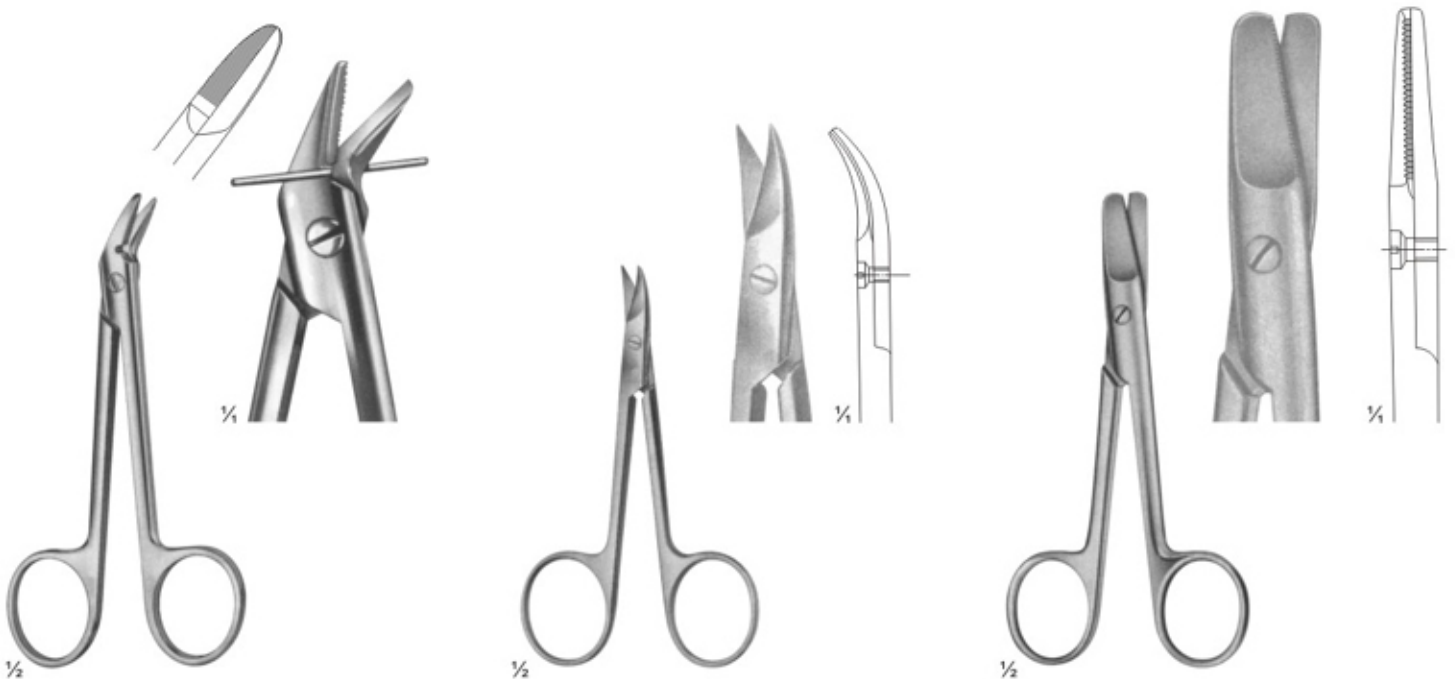
03-229

03-230  
broad blades

03-231  
1 blade serrated

03-232  
NAUJOKS  
strongly curved

03-228 - 03-232  
BEEBE  
Size: 110 mm



03-233  
1 blade serrated  
Size: 120 mm

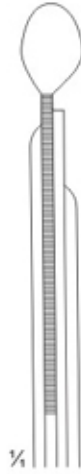
03-234  
STRACK  
Size: 100 mm

03-235  
HARVEY  
blades serrated  
Size: 125 mm

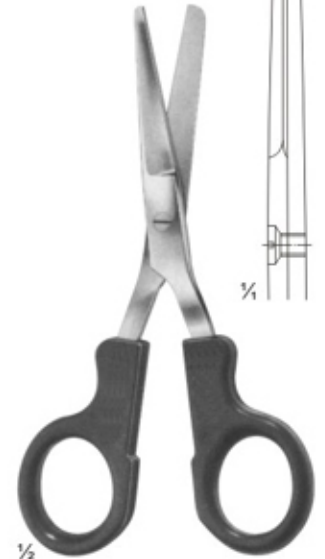
## Bandage and Cloth Scissors



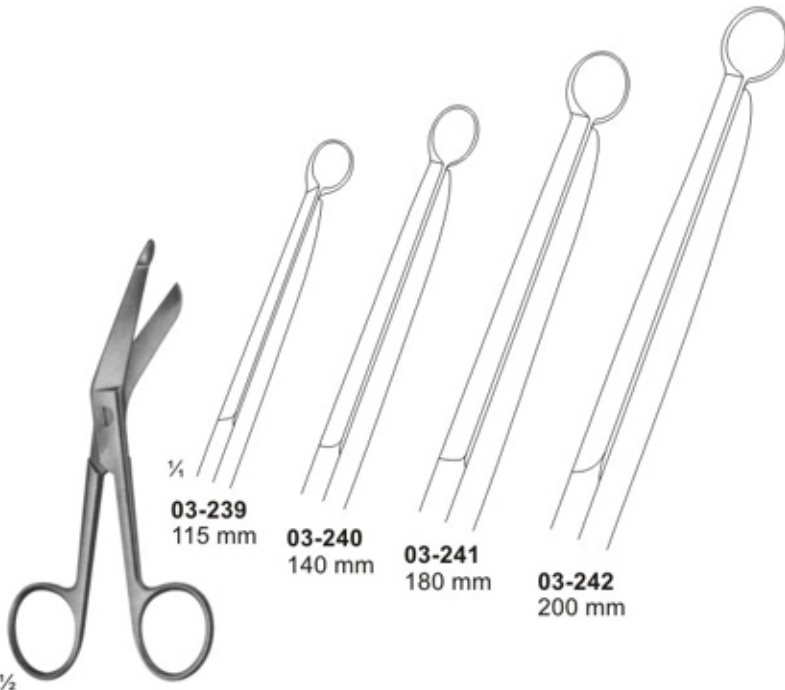
**03-236**  
Universal bandage and cloth scissors,  
with toothed edges  
180 mm



**03-237**  
LISTER  
Universal bandage and cloth scissors,  
with toothed edges  
Size: 145 mm



**03-238**  
LISTER  
Nurse's scissors  
Size: 145 mm



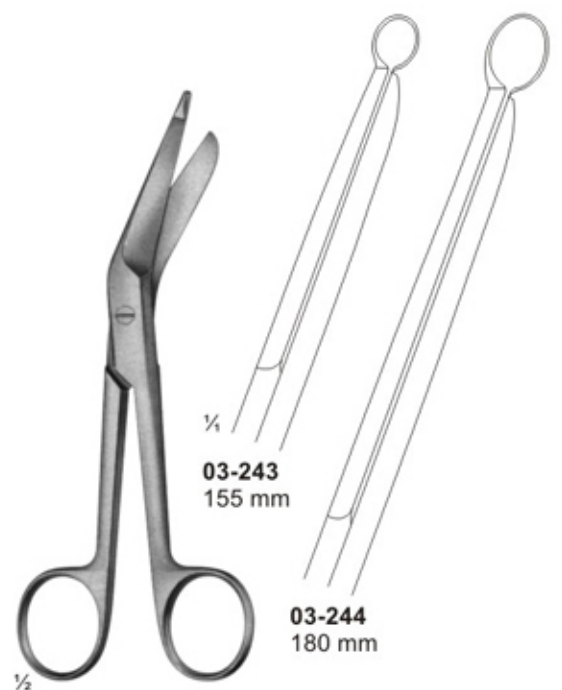
**03-239 - 03-242**  
LISTER

**03-239**  
115 mm

**03-240**  
140 mm

**03-241**  
180 mm

**03-242**  
200 mm



**03-243 - 03-244**  
LISTER

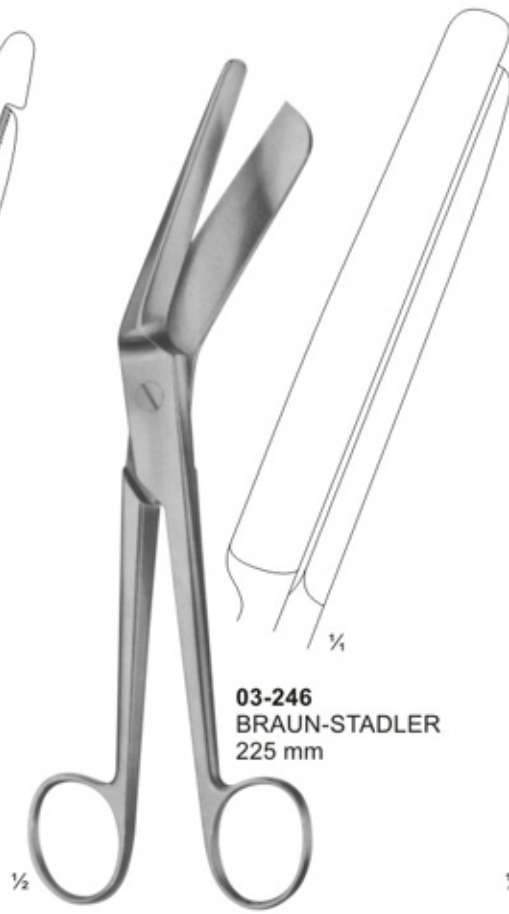
**03-243**  
155 mm

**03-244**  
180 mm

## Bandage-, Cloth-, and Plaster Scissors



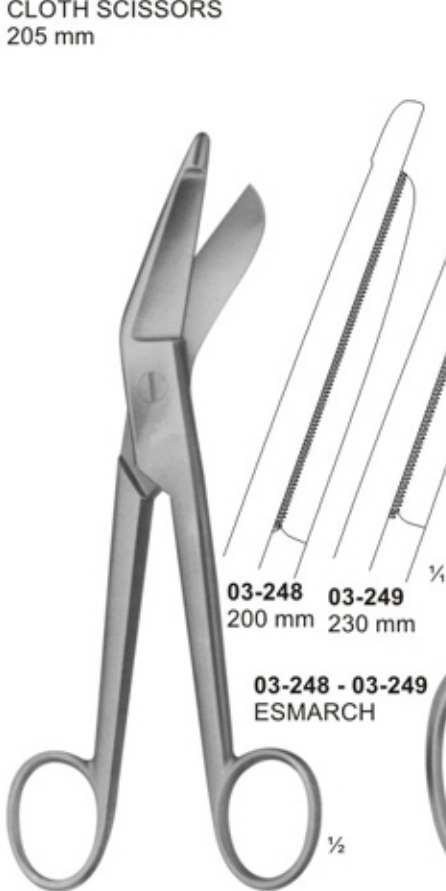
**03-245**  
CLOTH SCISSORS  
205 mm



**03-246**  
BRAUN-STADLER  
225 mm

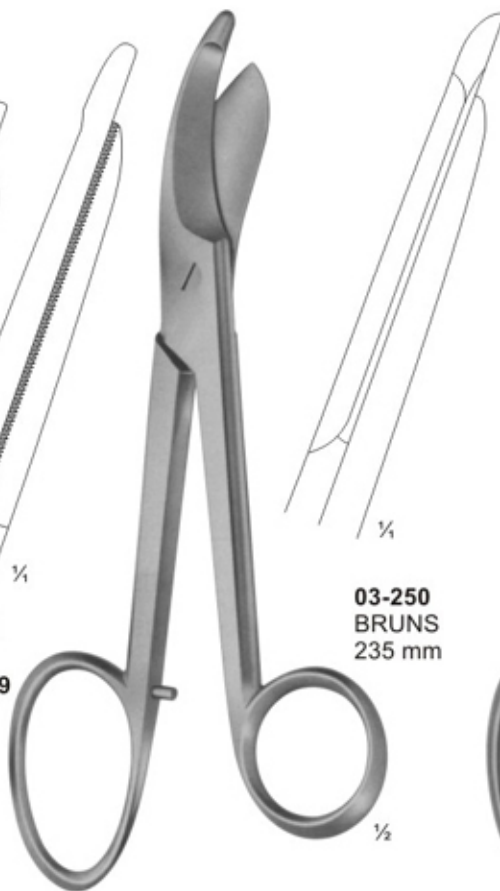


**03-247**  
SEUTIN  
230 mm

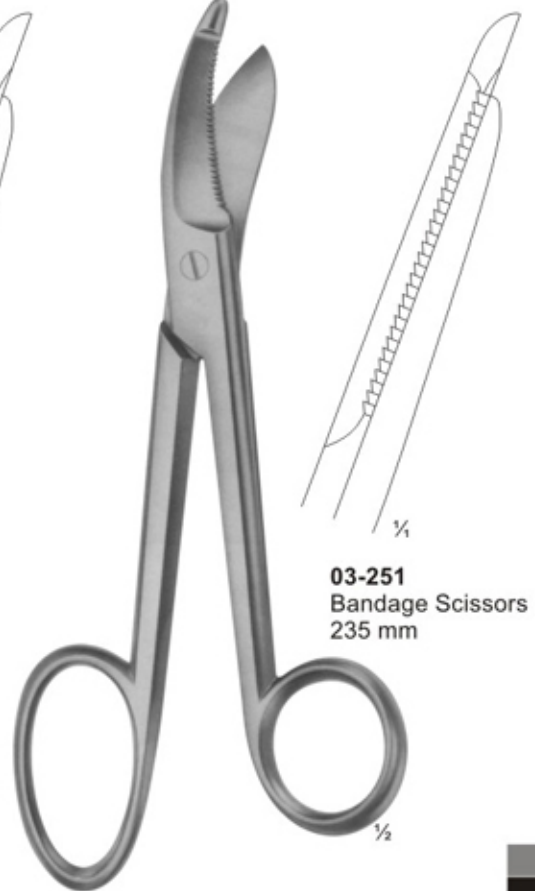


**03-248** 200 mm  
**03-249** 230 mm

**03-248 - 03-249**  
ESMARCH



**03-250**  
BRUNS  
235 mm



**03-251**  
Bandage Scissors  
235 mm

**Forceps for grasping tissue, tumors etc.**



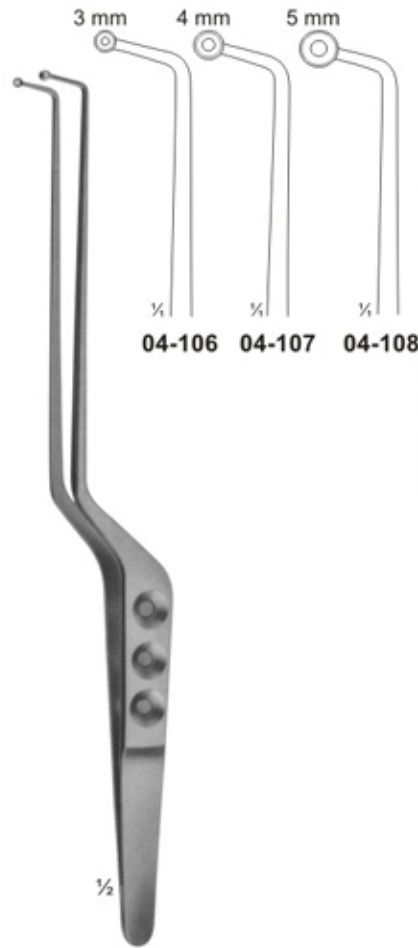
04-101 04-102 04-103

**04-101 - 103**  
YASARGIL-SAMII  
Jaws spoon-shaped  
240 mm



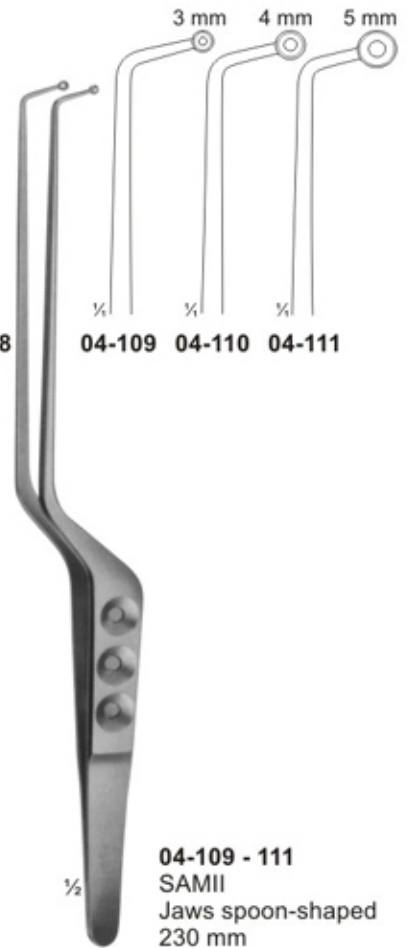
04-104 04-105

**04-104 - 105**  
YASARGIL  
Jaws spoon-shaped  
220 mm



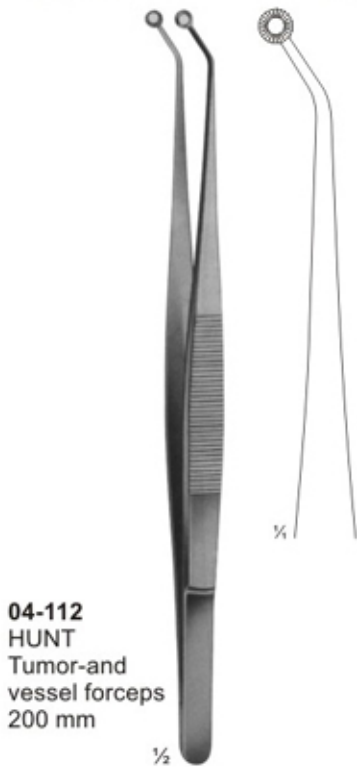
04-106 04-107 04-108

**04-106 - 108**  
SAMII  
Jaws spoon-shaped  
230 mm



04-109 04-110 04-111

**04-109 - 111**  
SAMII  
Jaws spoon-shaped  
230 mm



**04-112**  
HUNT  
Tumor-and  
vessel forceps  
200 mm



**04-113**  
HUNT  
Tumor-and  
vessel forceps  
200 mm

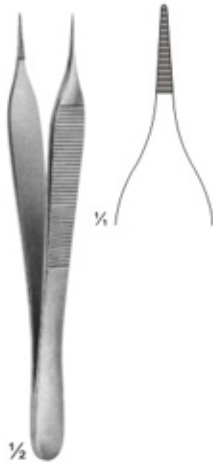


**04-114**  
YASARGIL  
Tumor-and  
vessel forceps  
200 mm

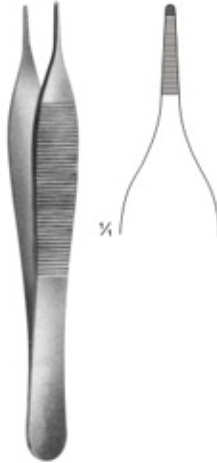
**Delicate Dissecting, Microscopic,  
Sterilizing Forceps**



**04-115**  
**THORPE**  
Corneal forceps  
120 mm



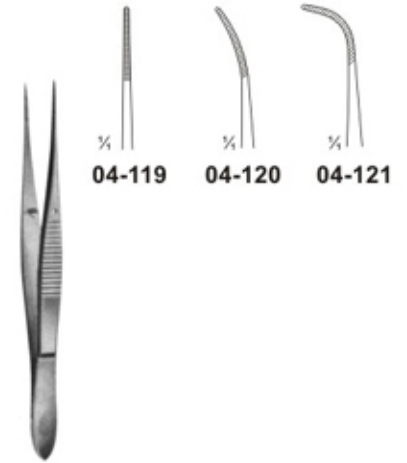
**04-116**  
**MICRO-ADSON**  
120 mm



**04-117**  
**ADSON**  
120 mm



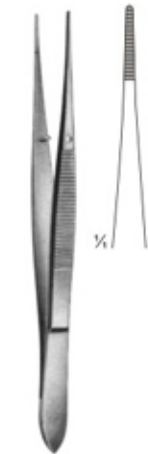
**04-118**  
**MICRO-ADSON**  
150 mm



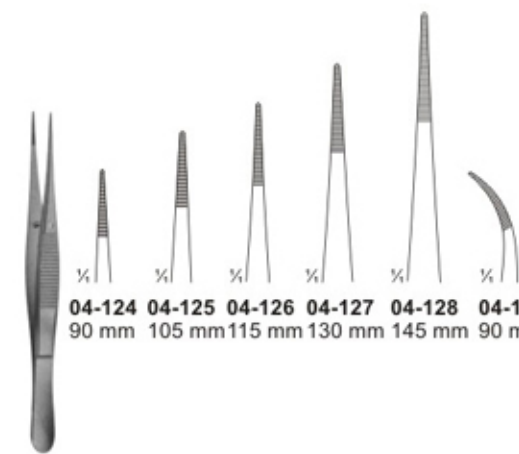
**04-119 - 121**  
100 mm



**04-122**  
**BONACCOLTO**  
110 mm



**04-123**  
115 mm



**04-124 - 133**

**04-124** 90 mm **04-125** 105 mm **04-126** 115 mm **04-127** 130 mm **04-128** 145 mm **04-129** 90 mm **04-130** 105 mm **04-131** 115 mm **04-132** 130 mm **04-133** 145 mm



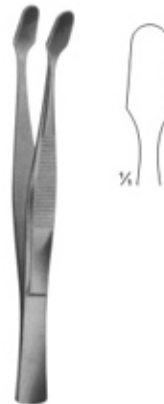
**04-134**  
100 mm



**04-135**  
100 mm



**04-136**  
100 mm

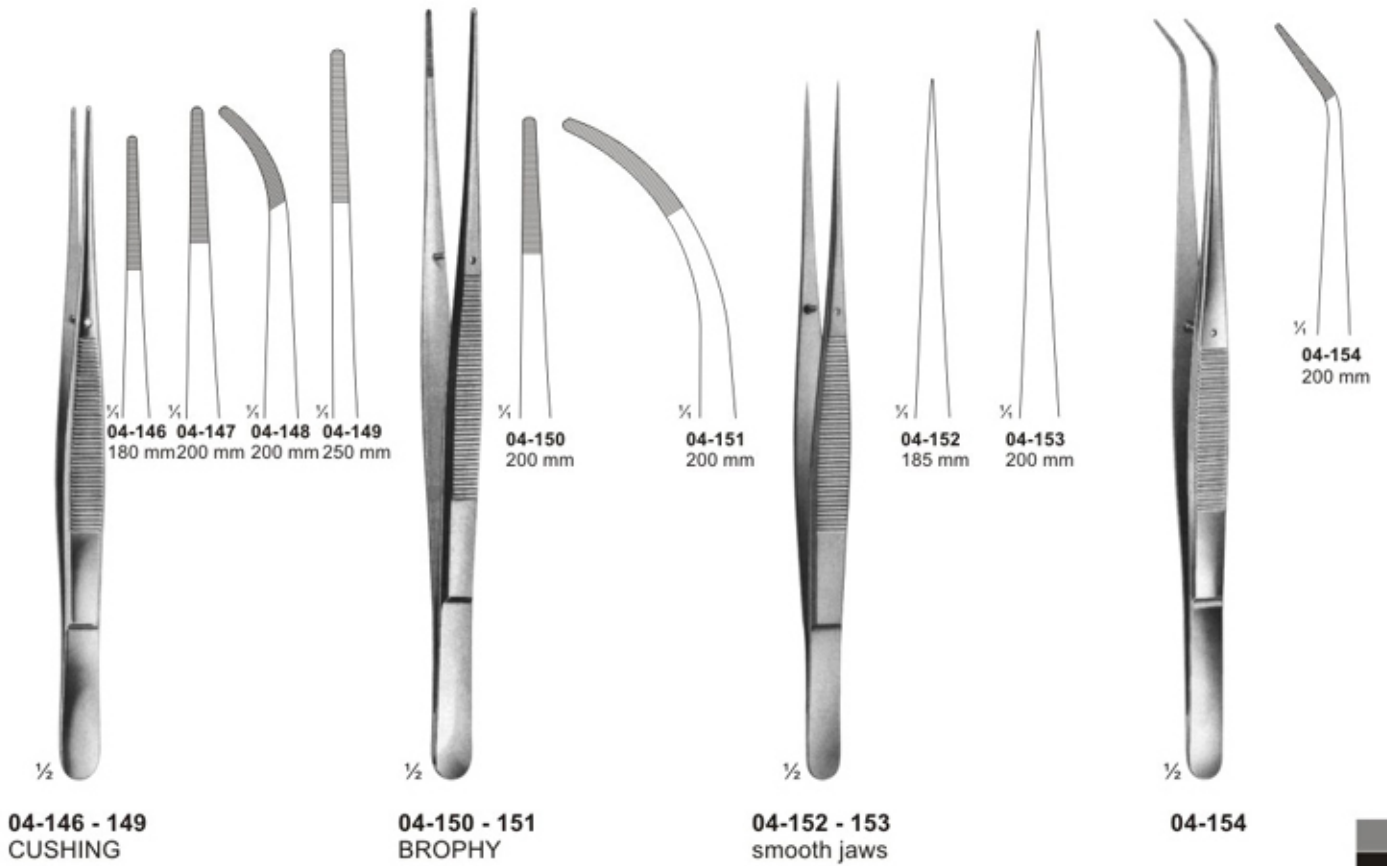
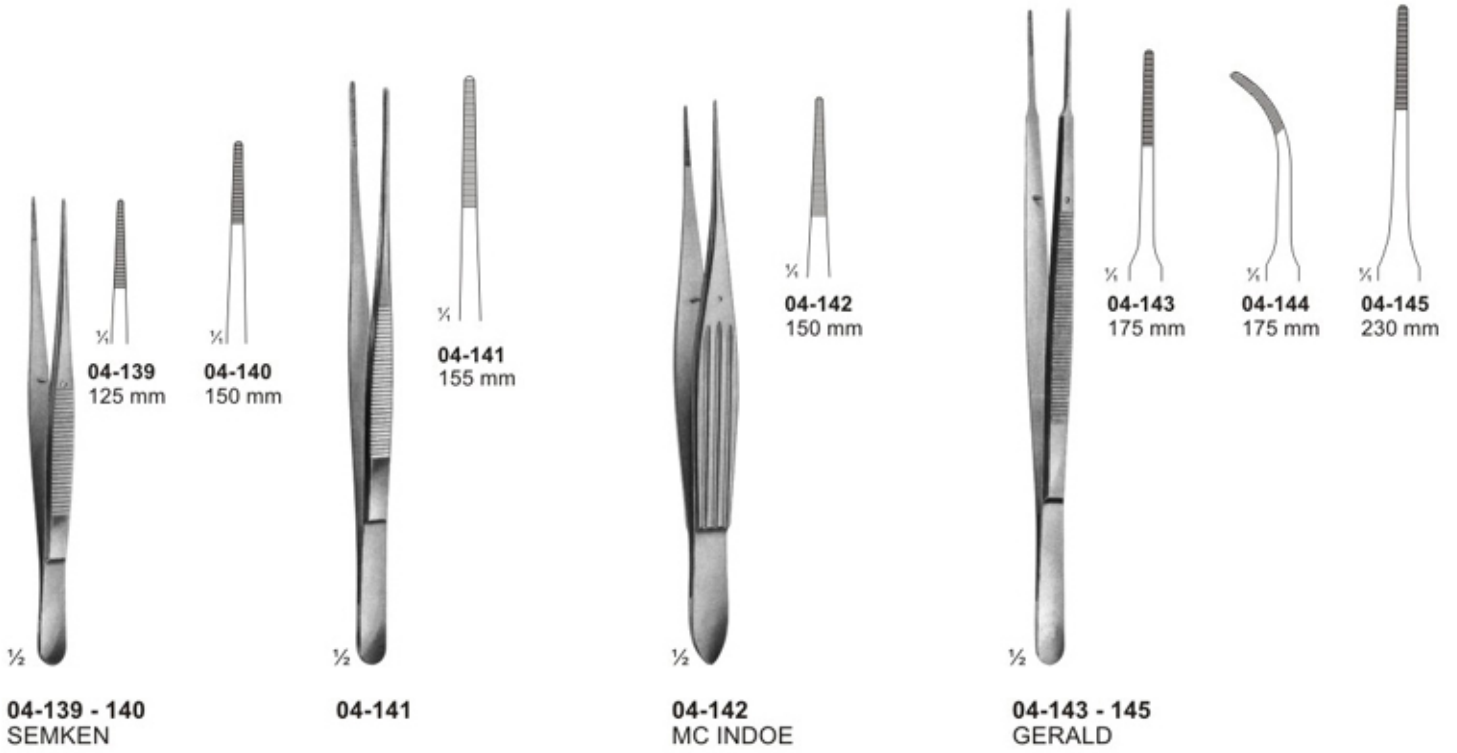


**04-137**  
**KUHNE**  
Cover glass forceps, 105 mm

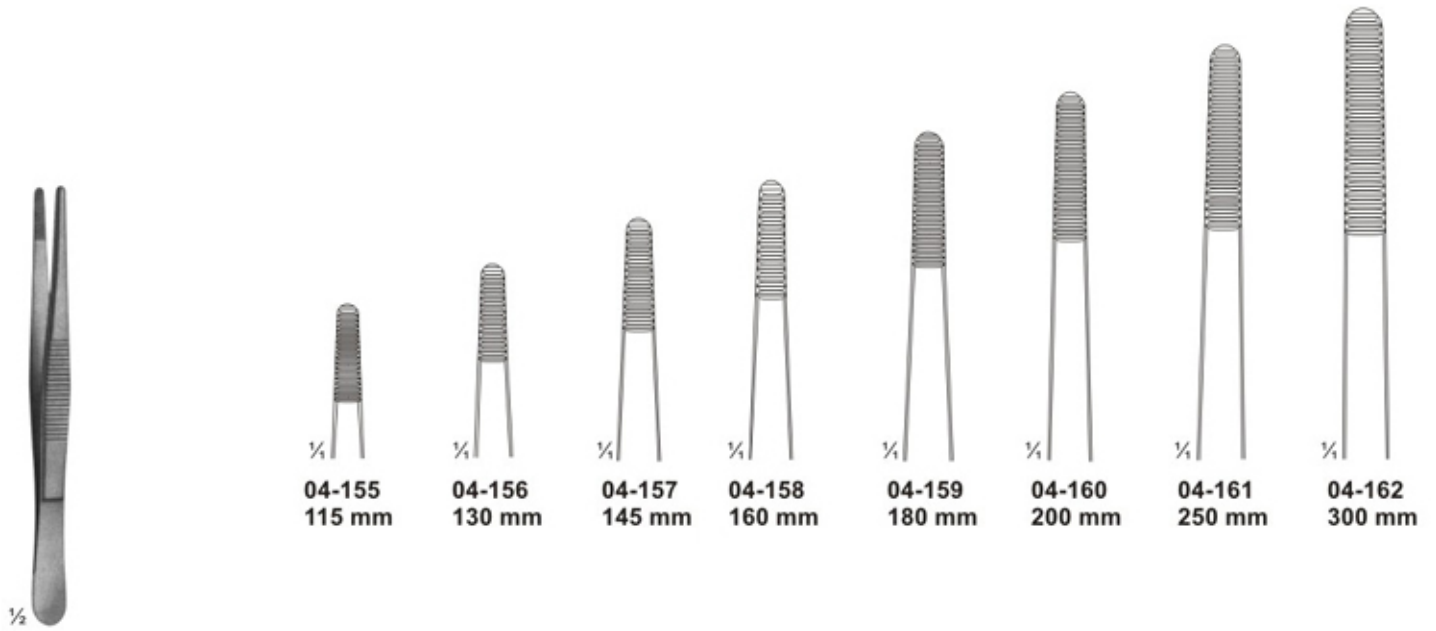


**04-138**  
160 mm

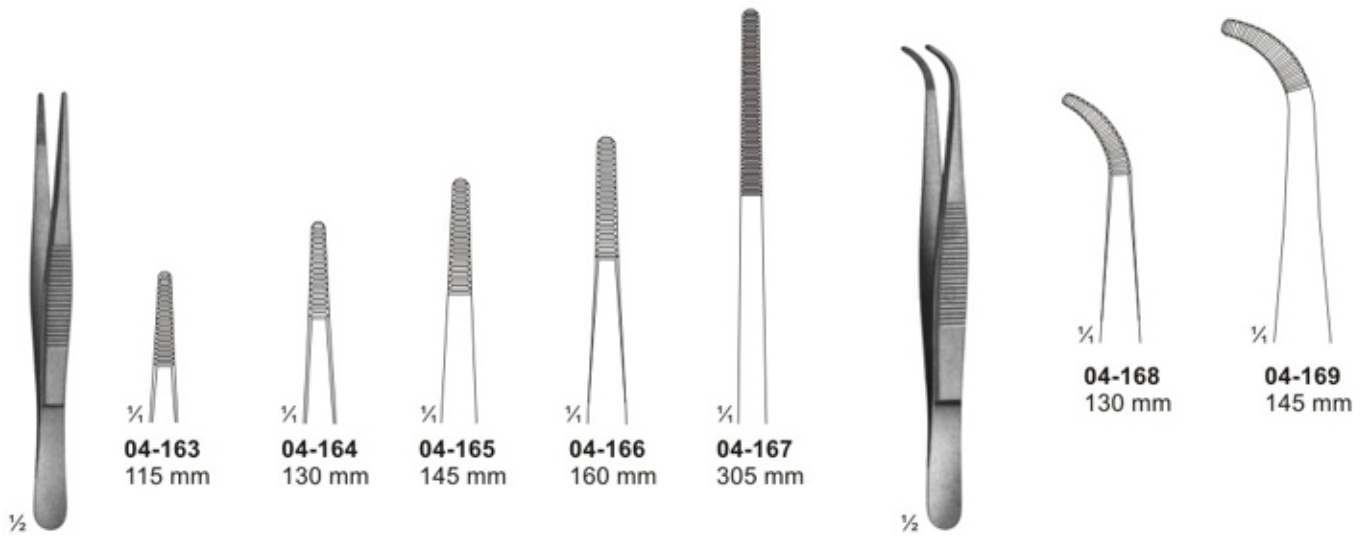
# Delicate Dissecting Forceps



# Dissecting Forceps



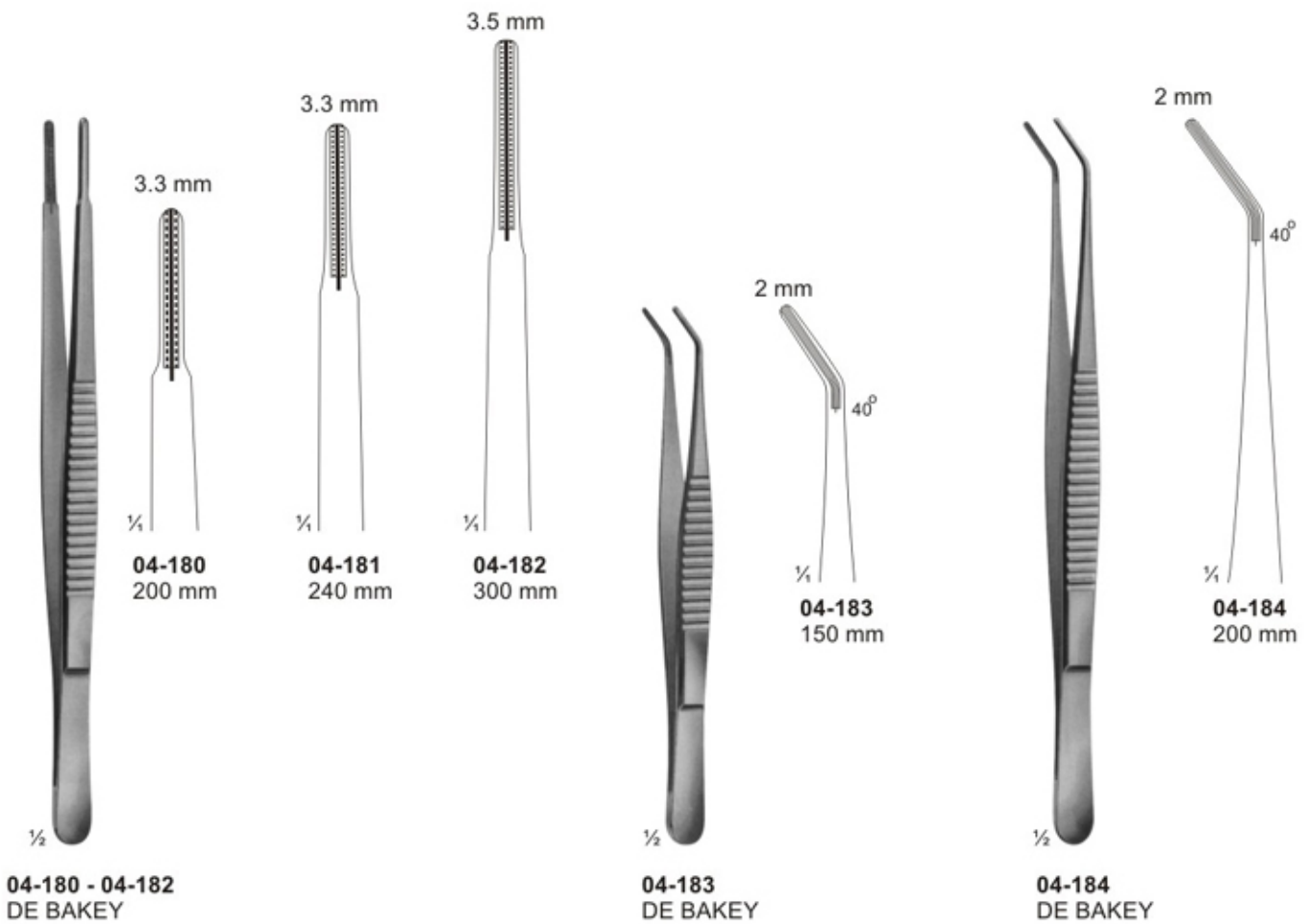
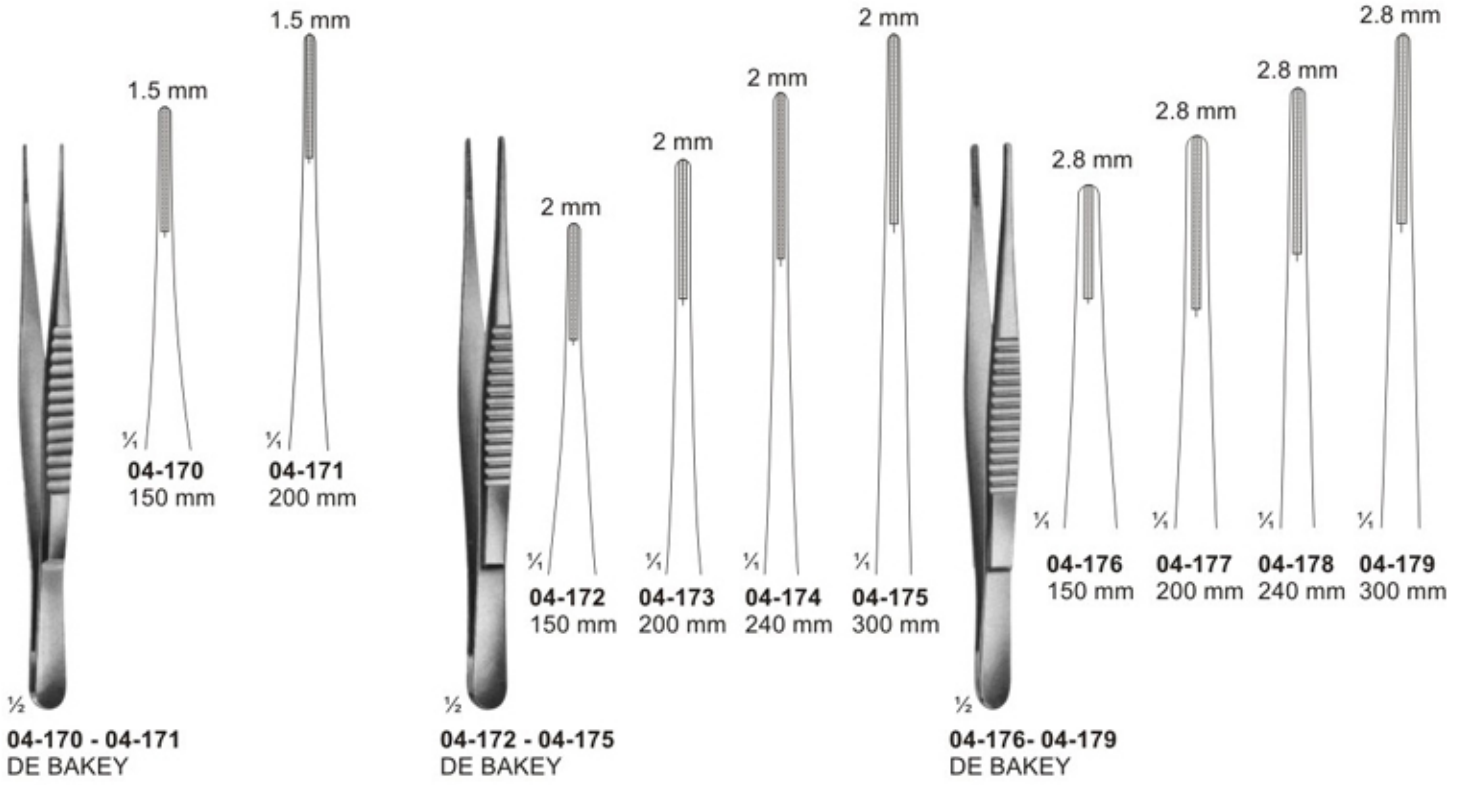
**04-155 - 04-162**  
STANDARD



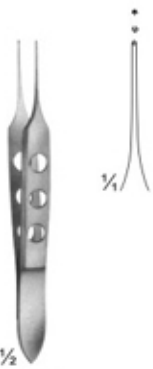
**04-163 - 04-167**  
MEDIUM

**04-168 - 04-169**  
MEDIUM

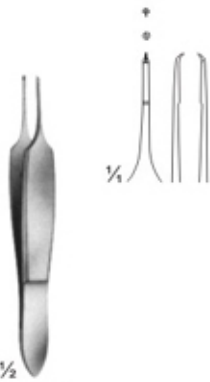
# Forceps



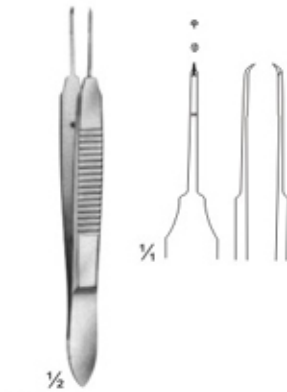
## Delicate Tissue Forceps



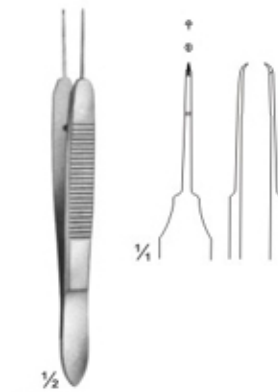
**04-185**  
BISHOP-HARMON  
85 mm



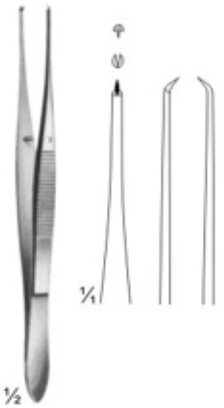
**04-186**  
ST.MARTIN  
80 mm



**04-187**  
CASTROVIEJO  
teeth 0.9 mm  
100 mm



**04-188**  
CASTROVIEJO  
teeth 0.5 mm  
100 mm



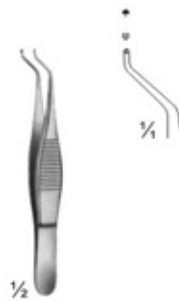
**04-189**  
ELSCHING  
110 mm



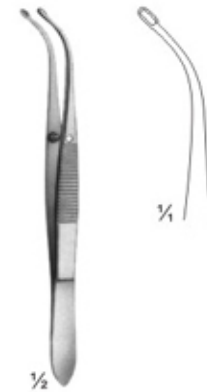
**04-190**  
GILL  
75 mm



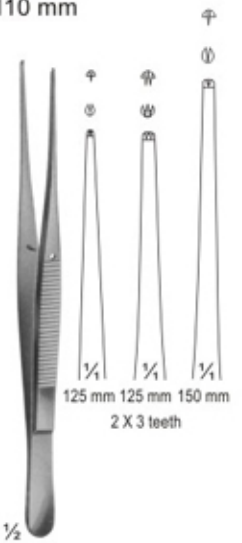
**04-191**  
GILL - HESS  
75 mm



**04-192**  
HESS  
70 mm



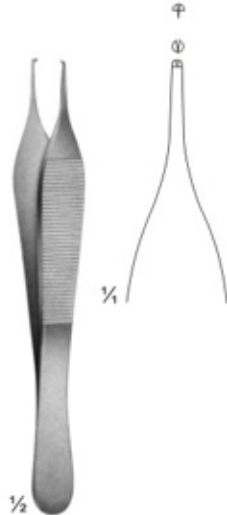
**04-193**  
ARRUGA  
100 mm



**04-194**  
SEMKEN



**04-195**  
MICRO-ADSON  
120 mm



**04-196**  
ADSON  
120 mm



**04-197**  
ADSON  
120 mm

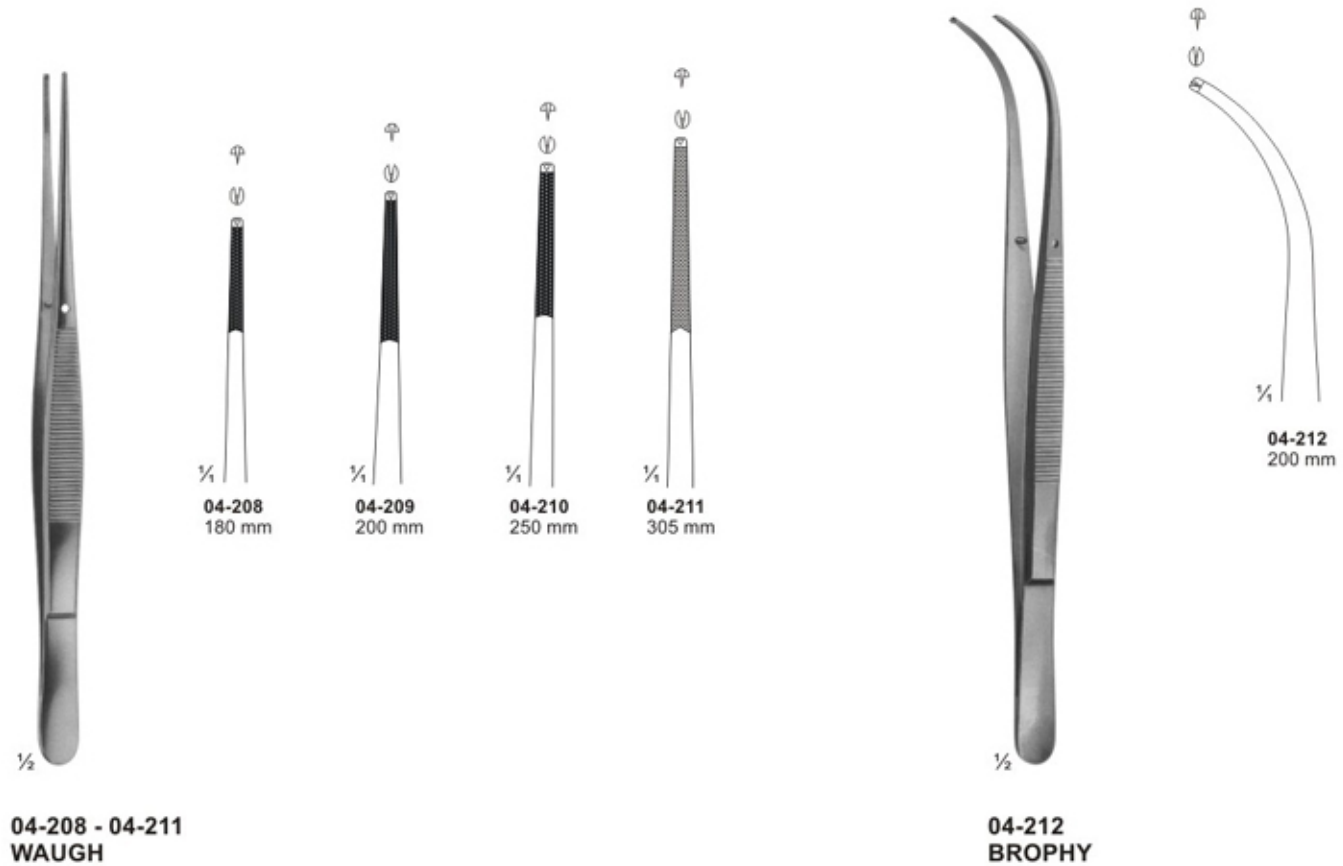
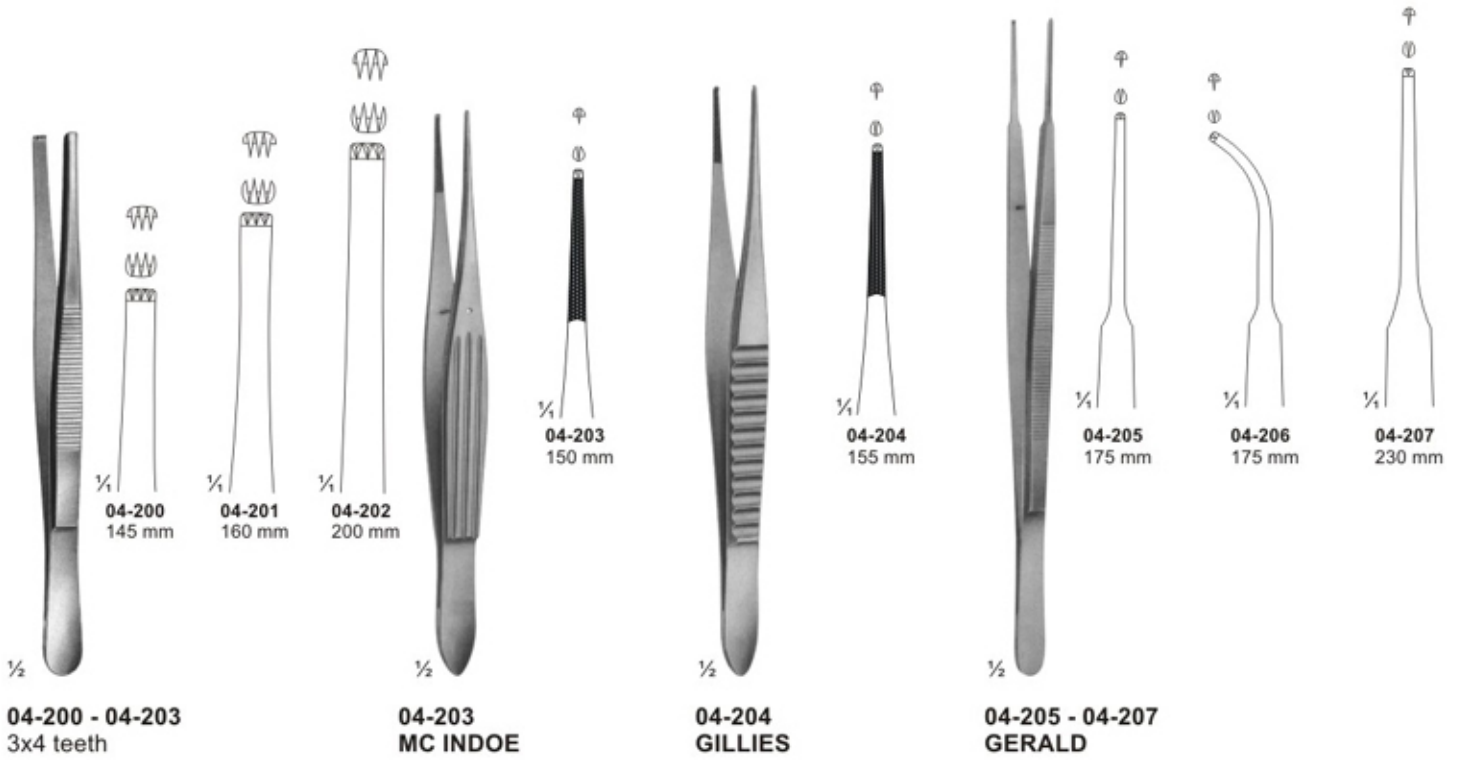


**04-198**  
ADSON  
120 mm

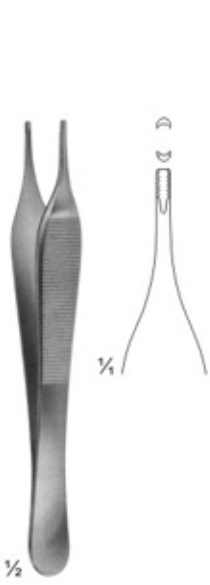


**04-199**  
ADSON  
150 mm

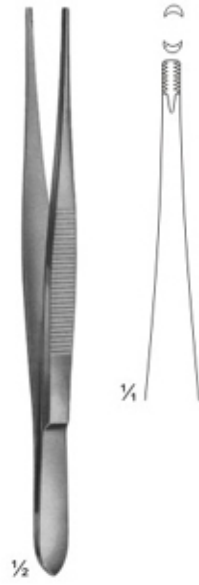
# Tissue Forceps



# Tissue Forceps



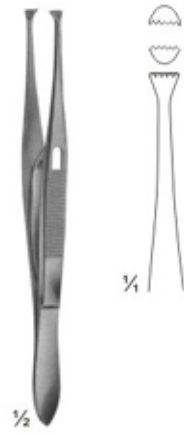
**04-213**  
**ADSON - BROWN**  
Non-traumatic  
120 mm



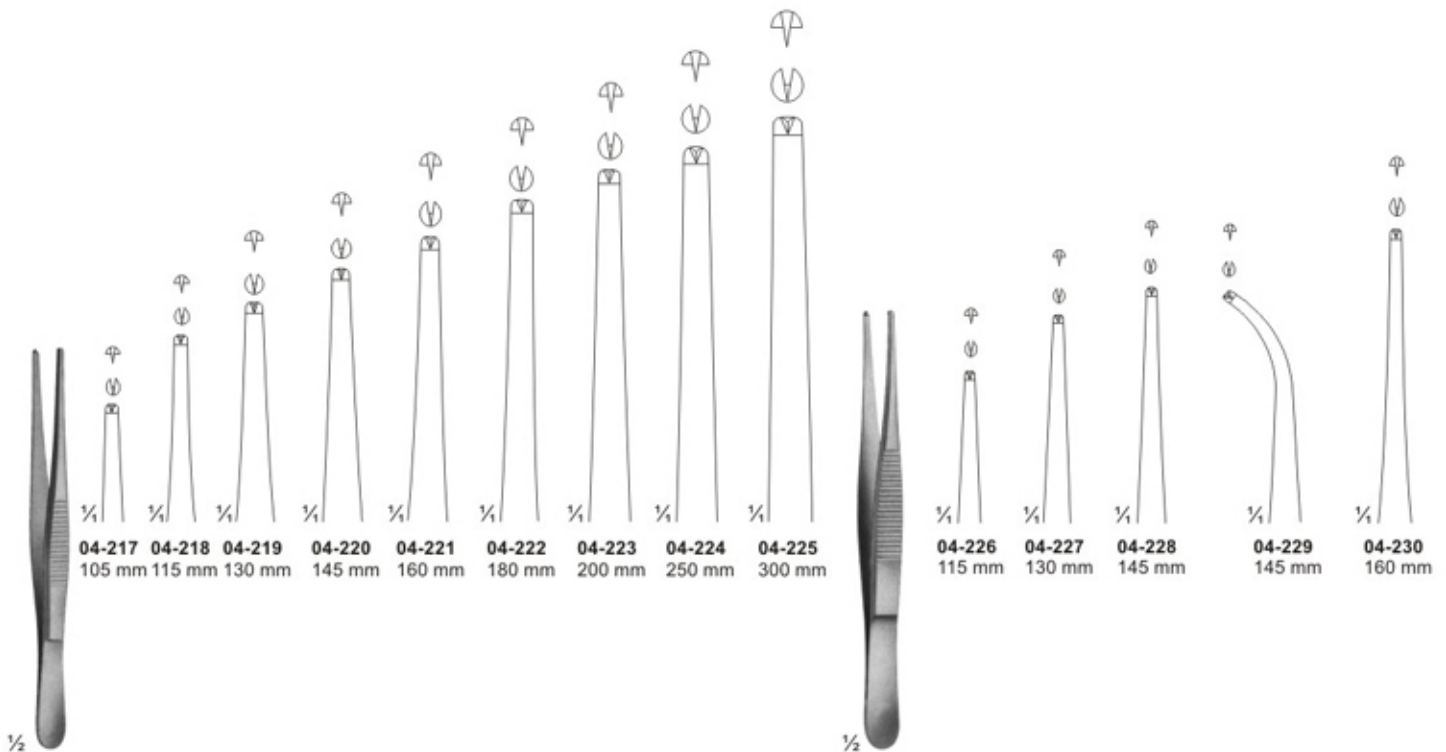
**04-214**  
**BROWN**  
120 mm



**04-215**  
**GRAEFE**  
110 mm



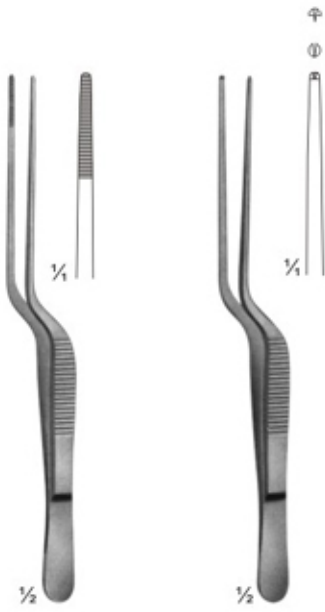
**04-216**  
**GRAEFE**  
With Catch  
110 mm



**04-217 - 04-225**  
**STANDARD**

**04-226 - 04-230**  
**GRAEFE**  
110 mm

## Forceps, Bayonet - Shaped



**04-231**  
**LUCAE**  
140 mm



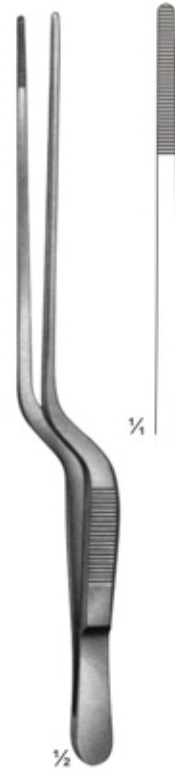
**04-232**  
**LUCAE**  
1x2 teeth  
140 mm



**04-233**  
**COTTLE**  
Forceps with  
jaws toothed  
and serrated  
140 mm



**04-234**  
**JANSEN**  
160 mm



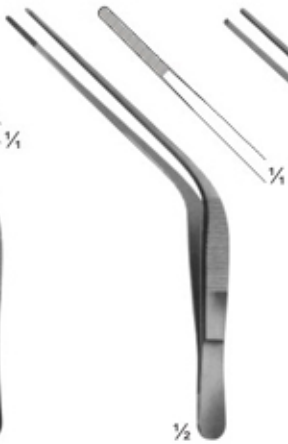
**04-235**  
**GRUENWALD**  
200 mm



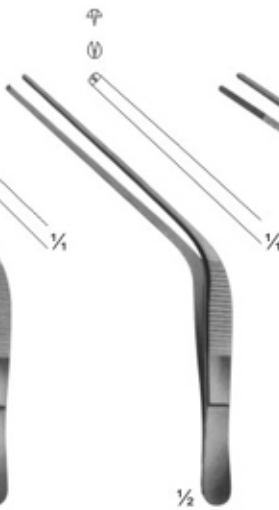
**04-236**  
1x2 teeth  
200 mm



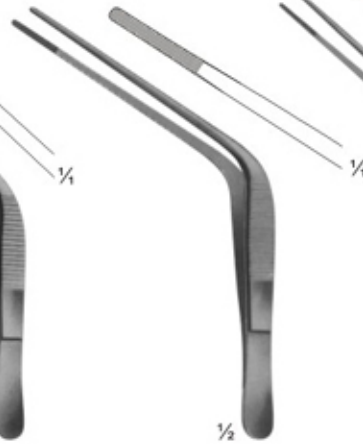
**04-237**  
**TROELTSCH**  
100 mm



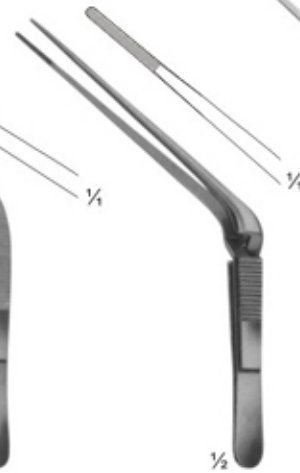
**04-238**  
**TROELTSCH**  
115 mm



**04-239**  
**TROELTSCH**  
1X2 teeth  
115 mm



**04-240**  
**WILDE**  
115 mm

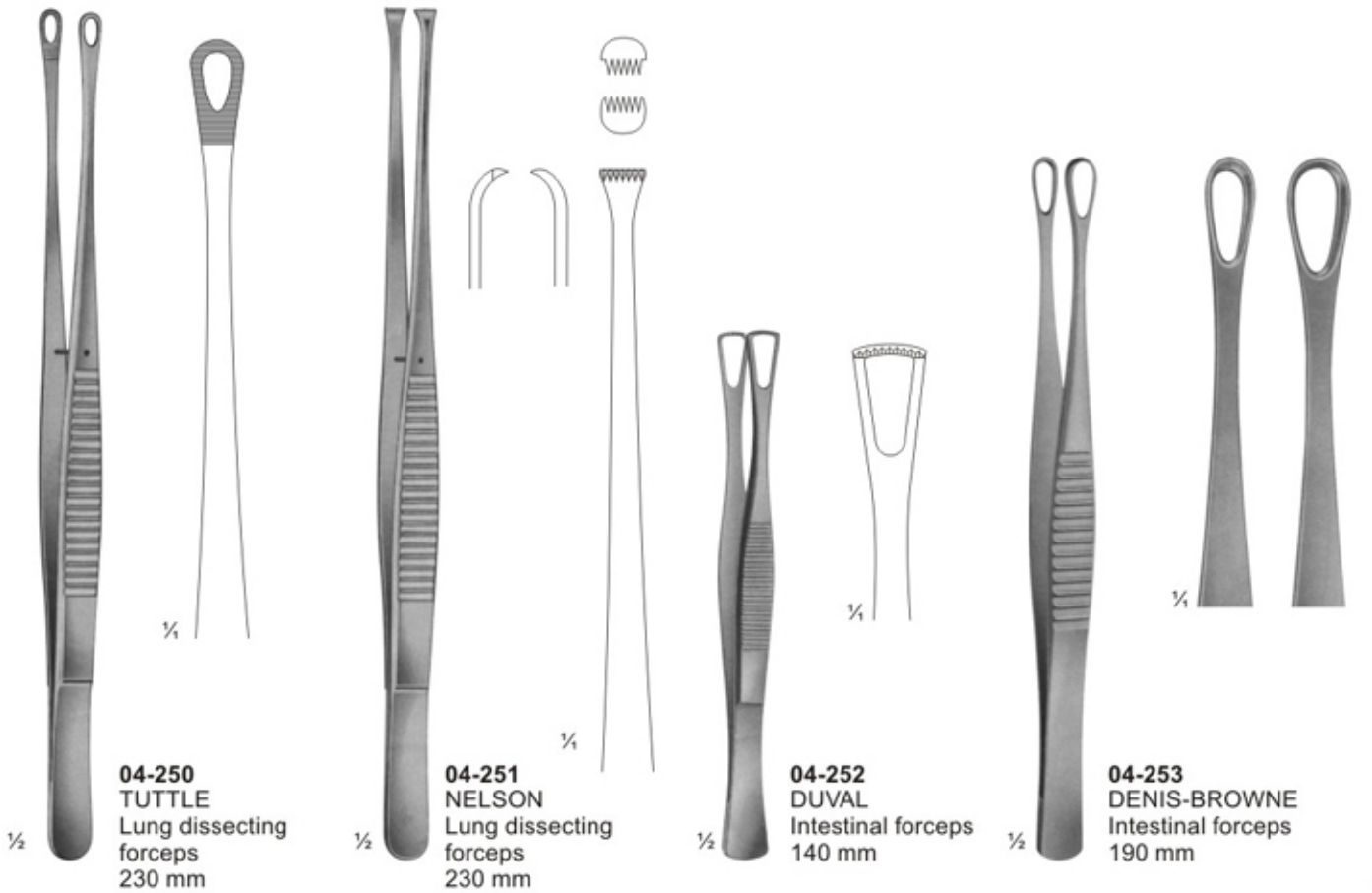
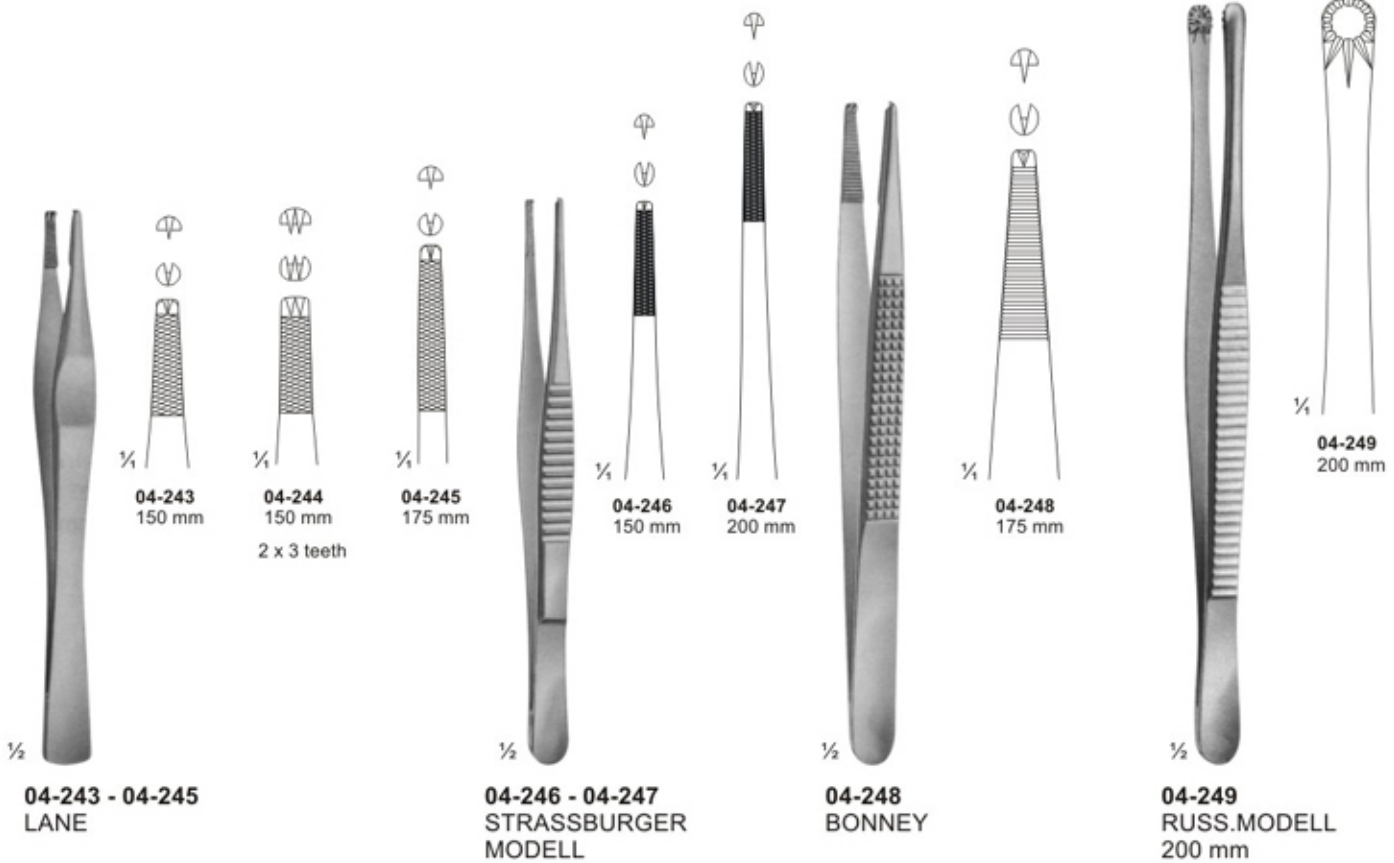


**04-241**  
**TROELTSCH**  
Cross action  
120 mm

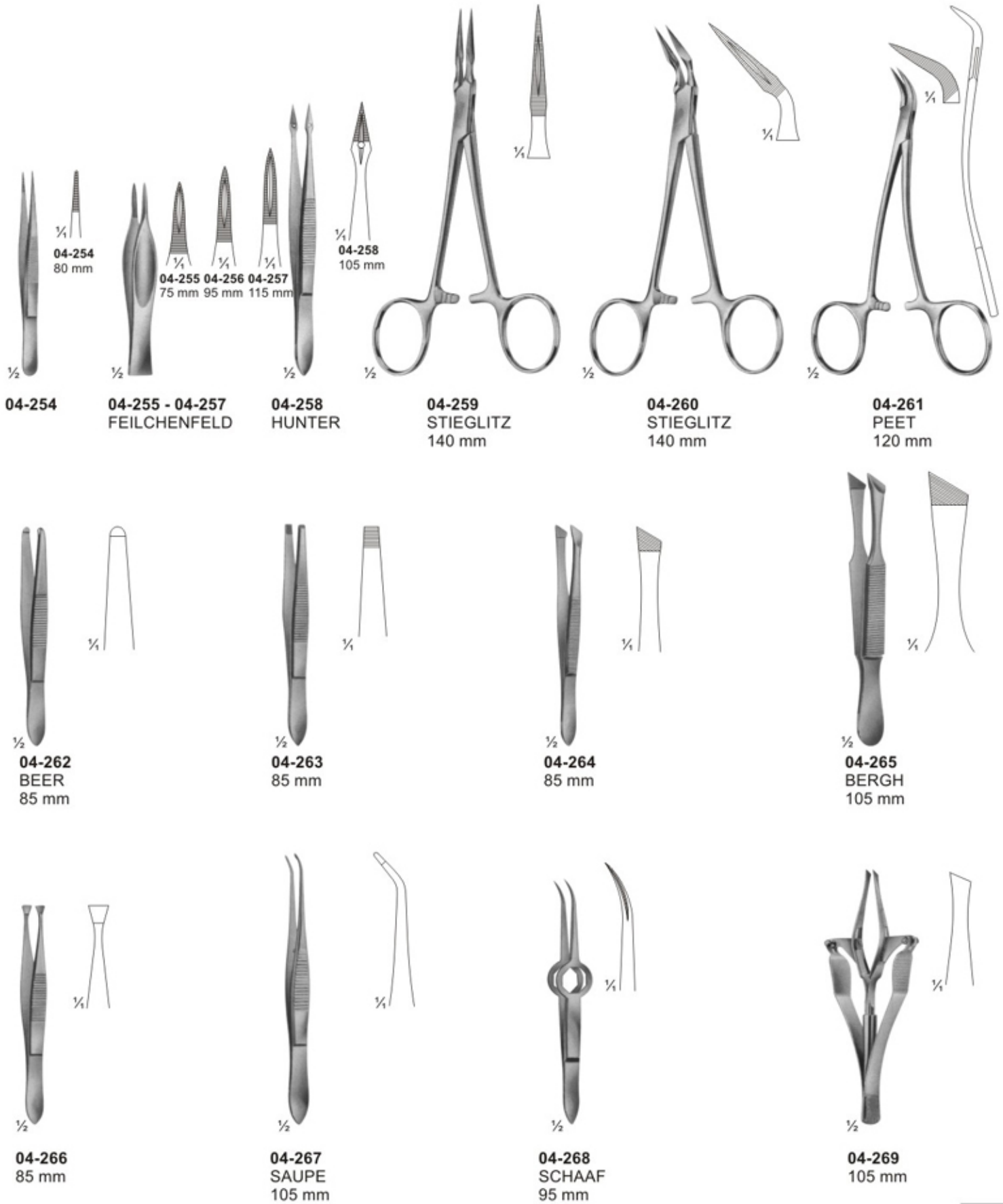


**04-242**  
**TROELTSCH**  
140 mm

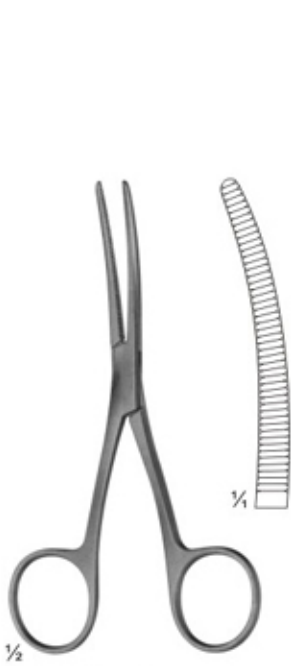
# Tissue Forceps, Lung Dissecting Forceps



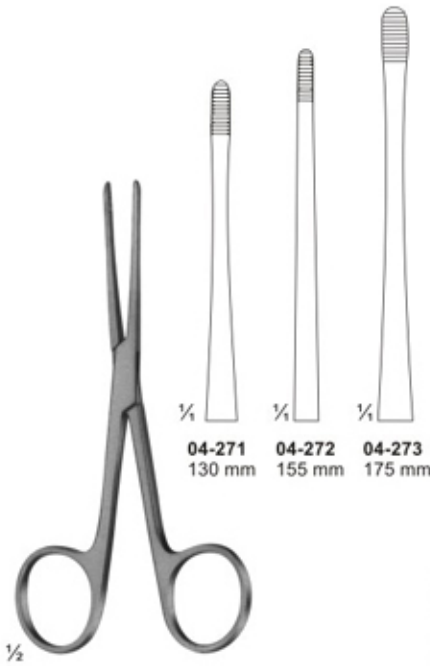
## Splinter and Cilia Forceps



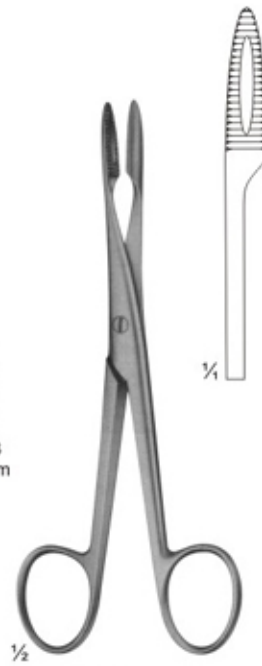
## Sponge and Dressing Forceps



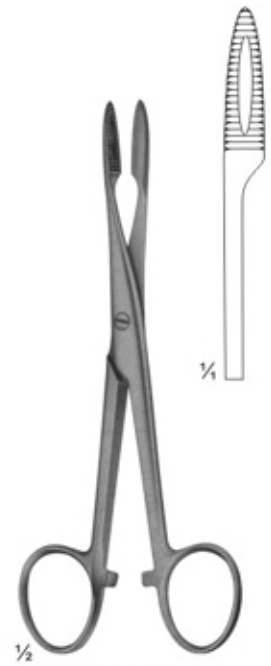
**04-270**  
BRYANT  
130 mm



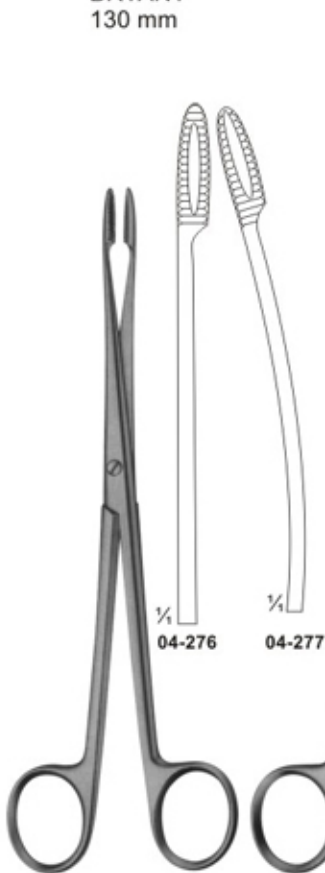
**04-271 - 04-273**  
LISTER  
Sinus forceps



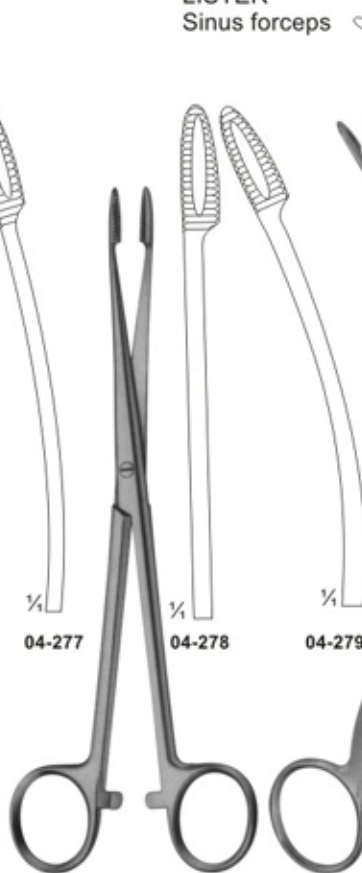
**04-274**  
without ratchet  
145 mm



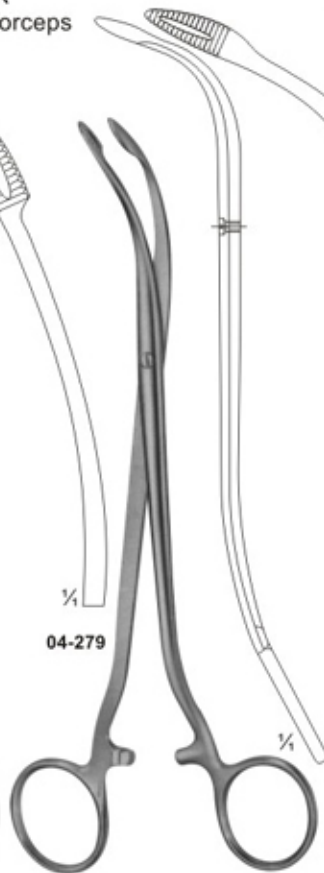
**04-275**  
with ratchet  
145 mm



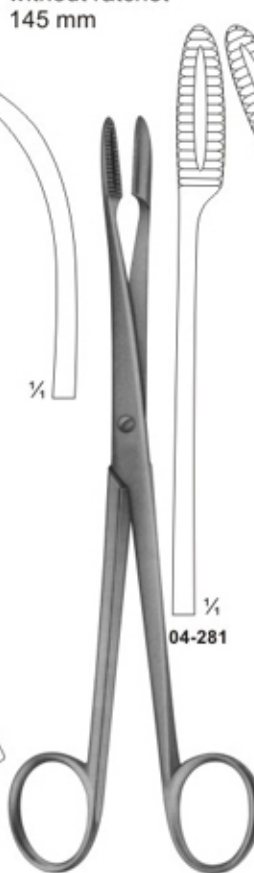
**04-276 - 04-277**  
GROSS  
without ratchet  
180 mm



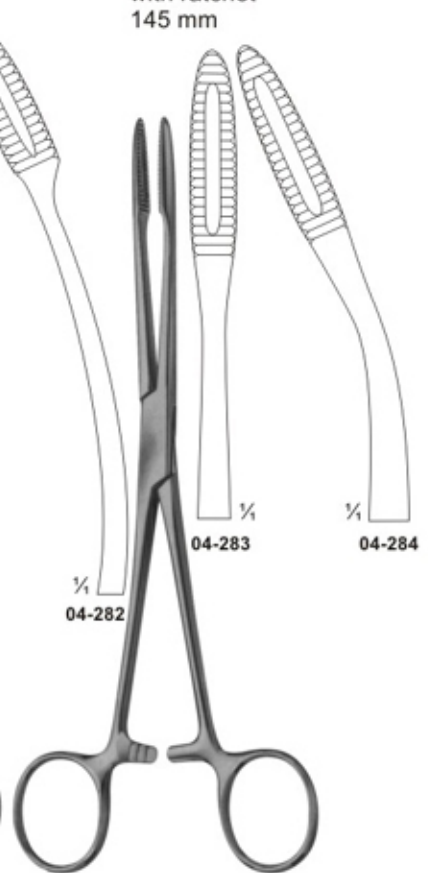
**04-278 - 04-279**  
GROSS  
with ratchet  
180 mm



**04-280**  
DUPLAY  
190 mm

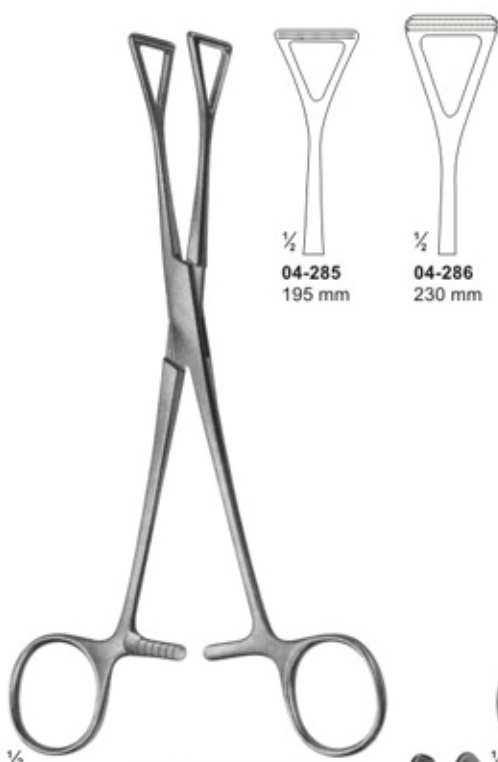


**04-281 - 04-282**  
GROSS  
without ratchet  
200 mm

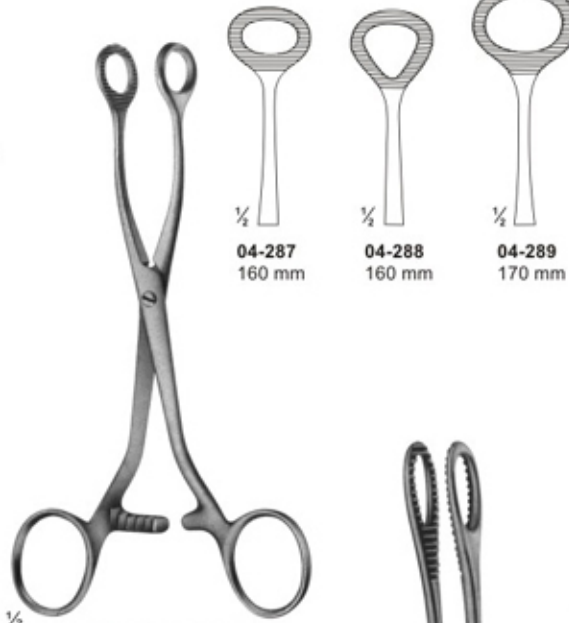


**04-283 - 04-284**  
GROSS  
200 mm

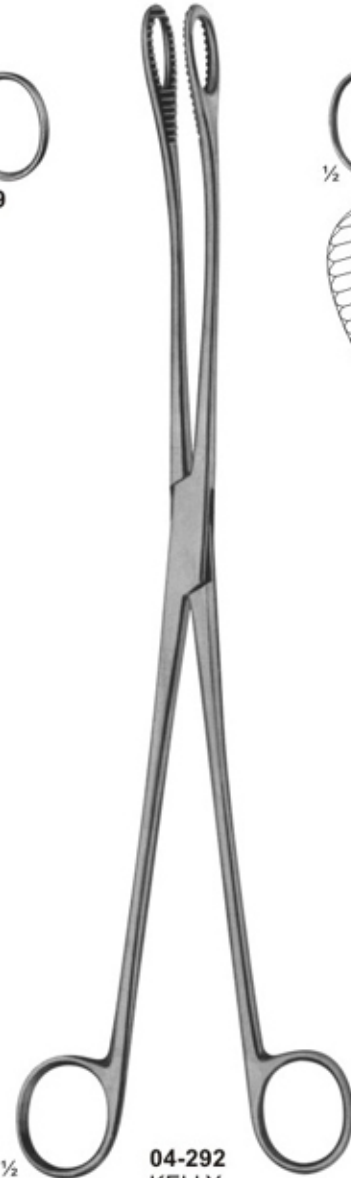
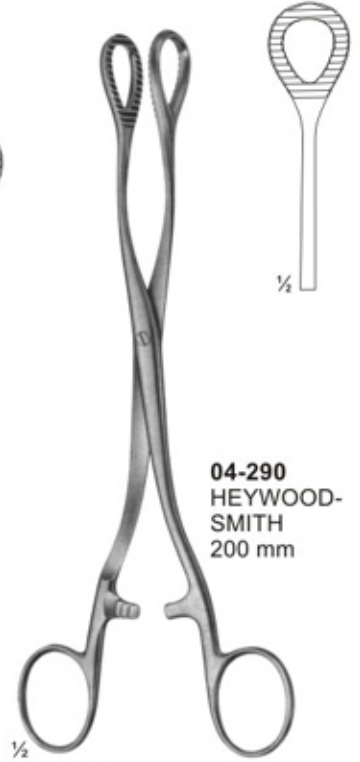
**Dressing-, Sponge holding-, Organ- and Tissue Grasping Forceps**



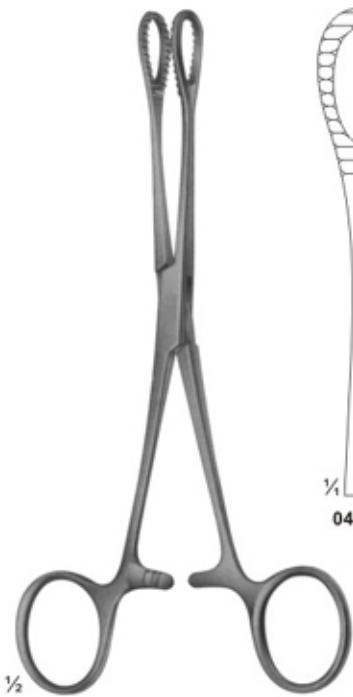
**04-285 - 04-286**  
COLLIN



**04-287 - 04-289**  
COLLIN



**Dressing, Sponge holding, Organ  
and Tissue Grasping Forceps**



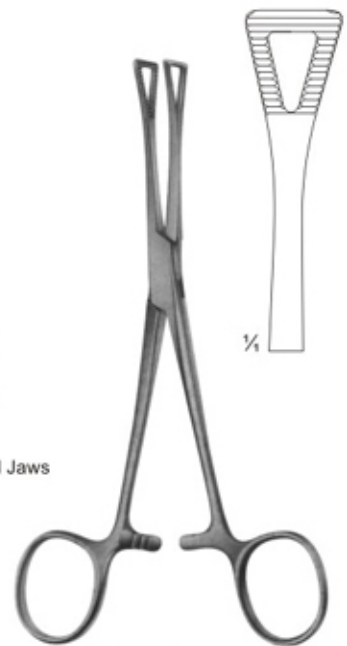
1/2  
**04-293 - 04-294**  
**FOERSTER-BALLENGER**  
180 mm



1/2  
**04-295 - 04-296**  
**RAMPLEY**

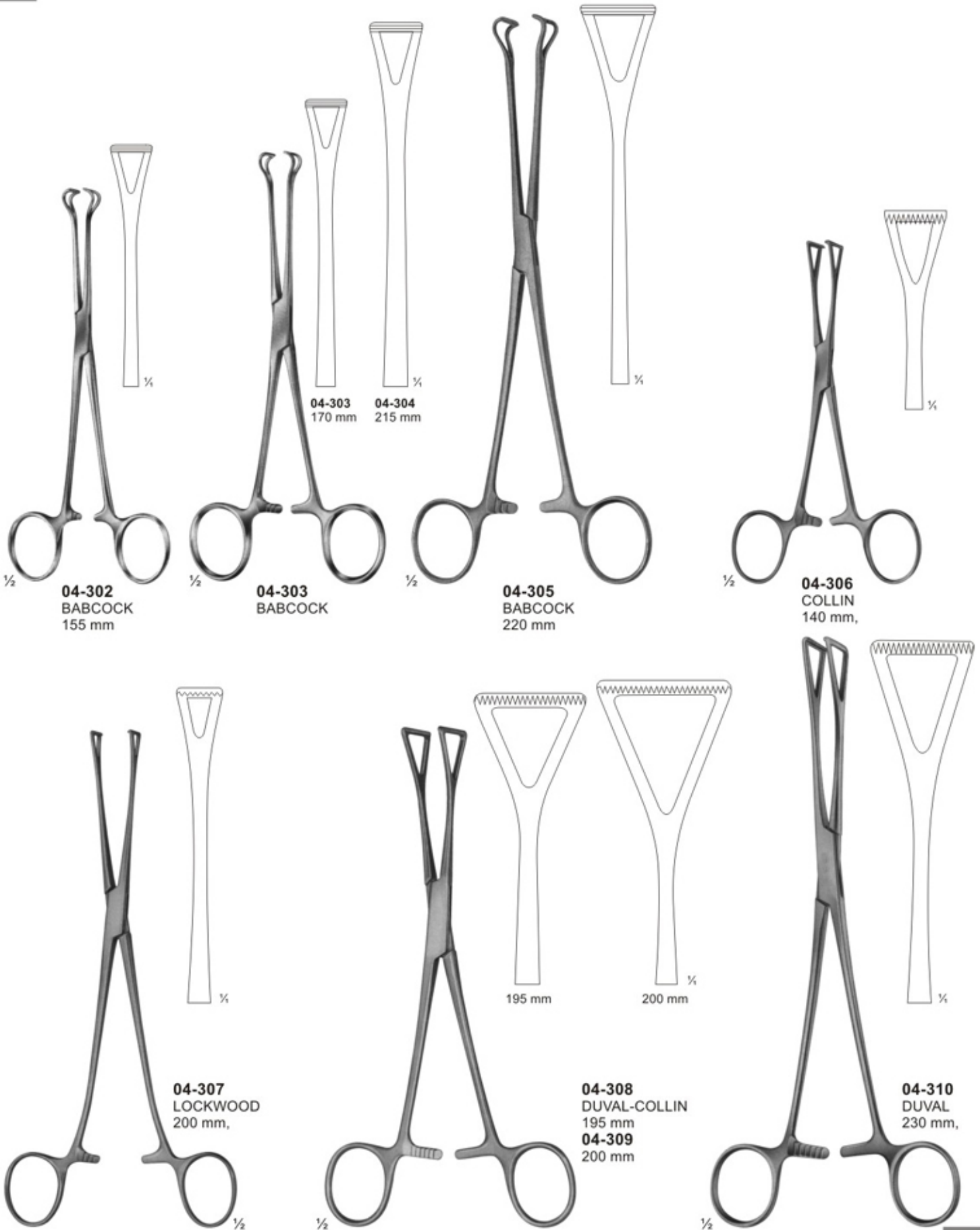


1/2  
**04-297 - 04-300**  
**FOERSTER-BALLENGER**  
240 mm

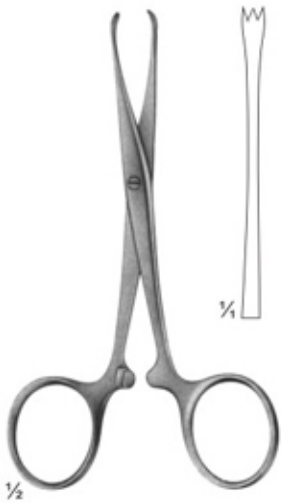


**04-301**  
**PENNINGTON**  
155 mm

## Intestinal Grasping Forceps

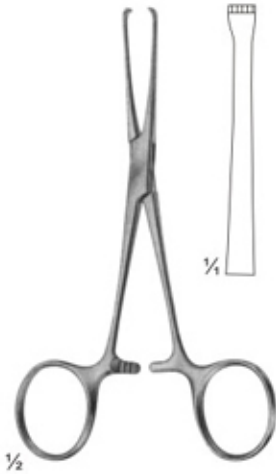


## Artery Traction - and Tissue Grasping Forceps



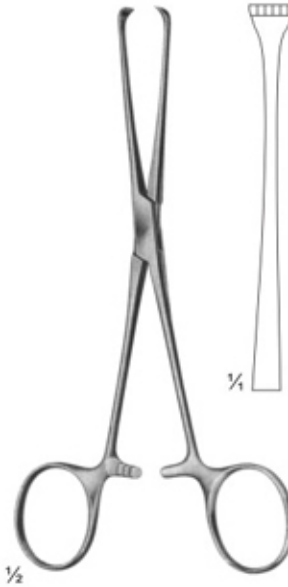
1/2

**04-311**  
**CHAPUT**  
2 x 3 teeth  
125 mm



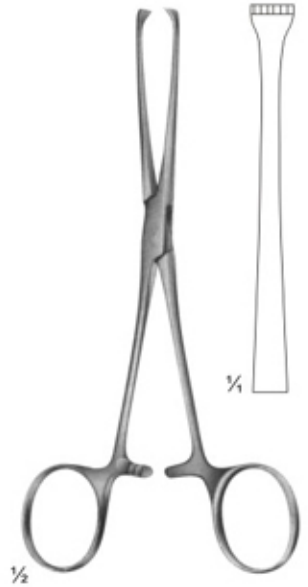
1/2

**04-312**  
**BABY-ALLIS**  
4 x 5 teeth  
130 mm



1/2

**04-313**  
**BOYS-ALLIS**  
5 x 6 teeth sharp  
155 mm



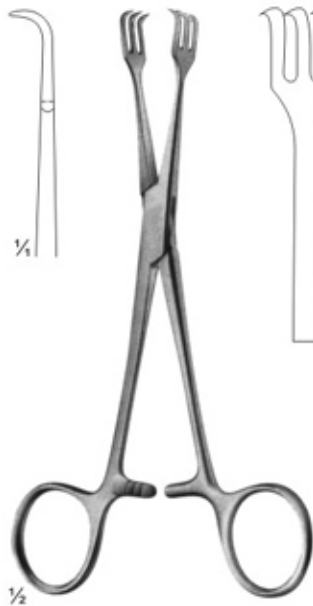
1/2

**04-314**  
**ALLIS**  
5 x 6 teeth  
155 mm



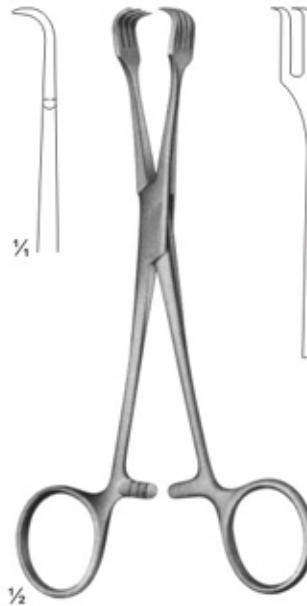
1/2

**04-315**  
**LAHEY**  
155 mm



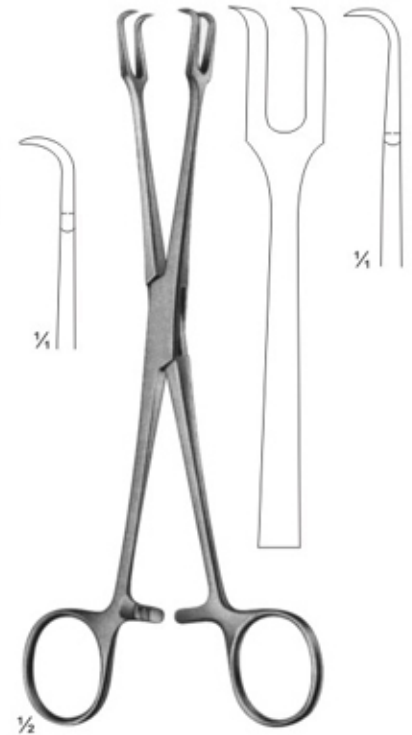
1/2

**04-316**  
**LAHEY**  
155 mm



1/2

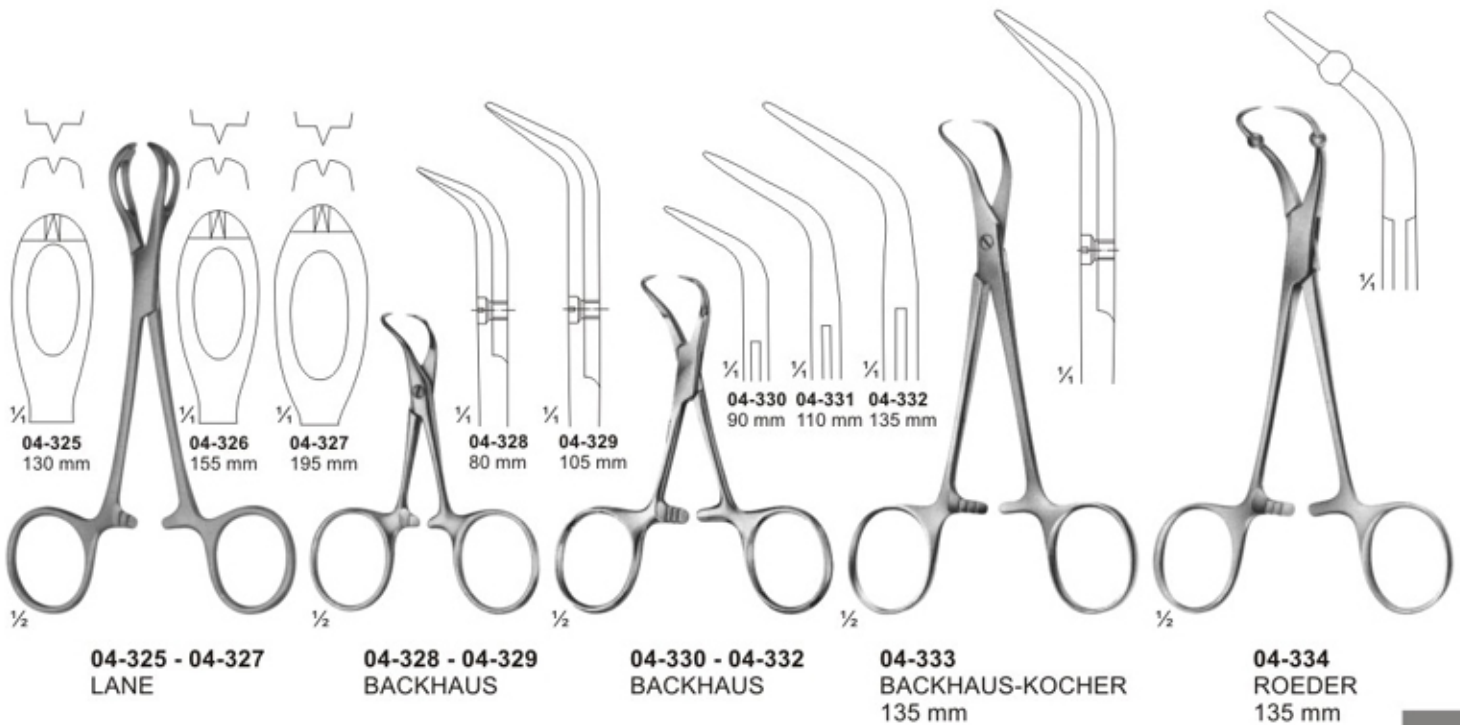
**04-317**  
**BRAUN**  
155 mm



1/2

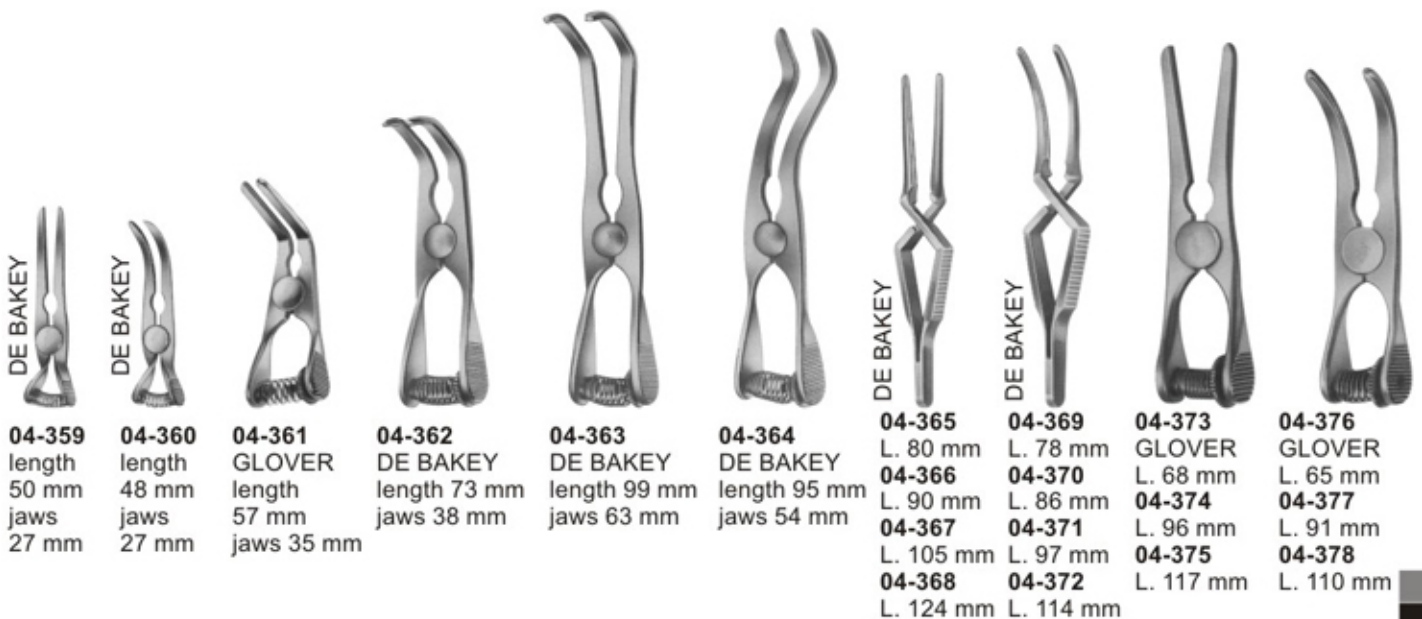
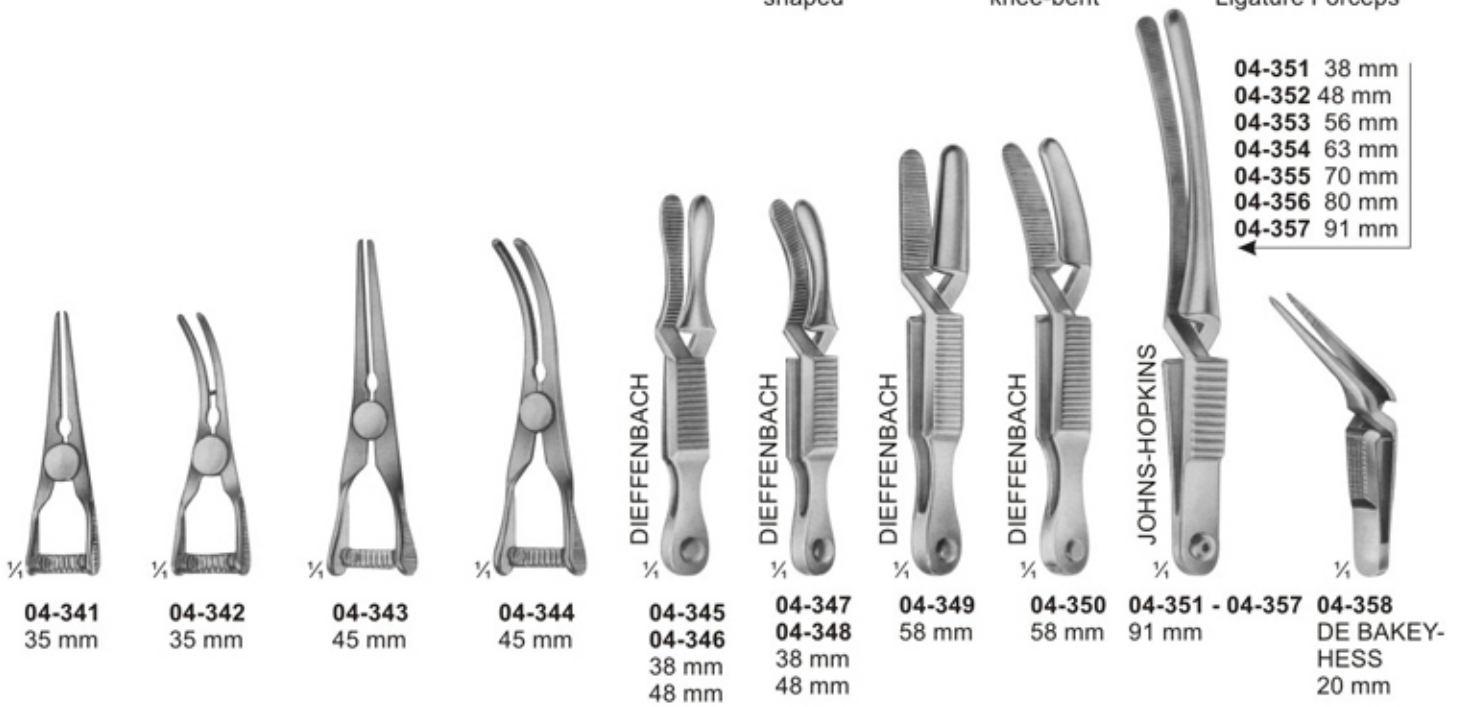
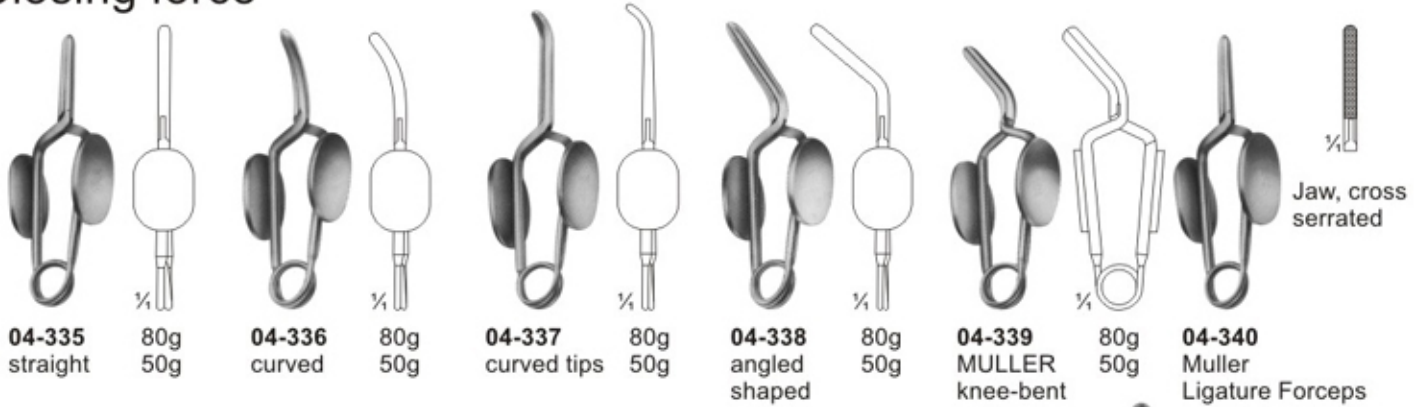
**04-318**  
**MUSEUX**  
200 mm

# Towel Clamps

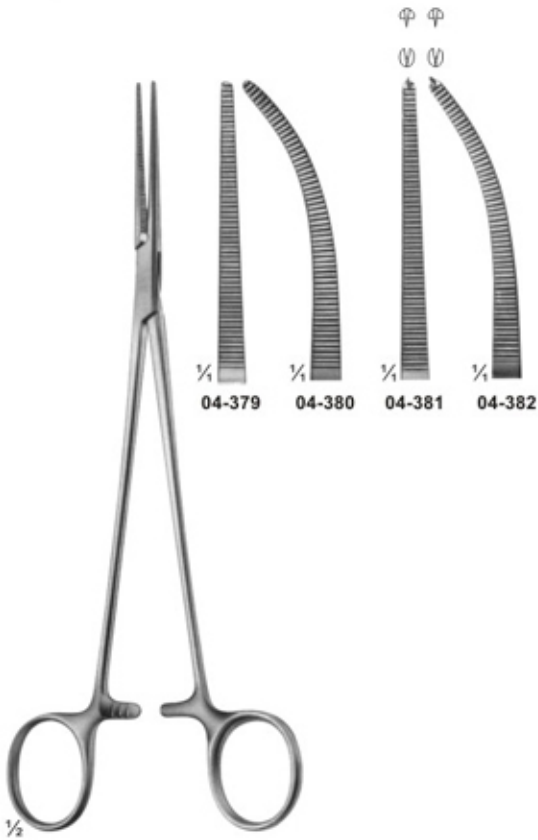


# Muller Vessel Clips and Bulldog Clamps

## Closing force



# Delicate Haemostatic Forceps



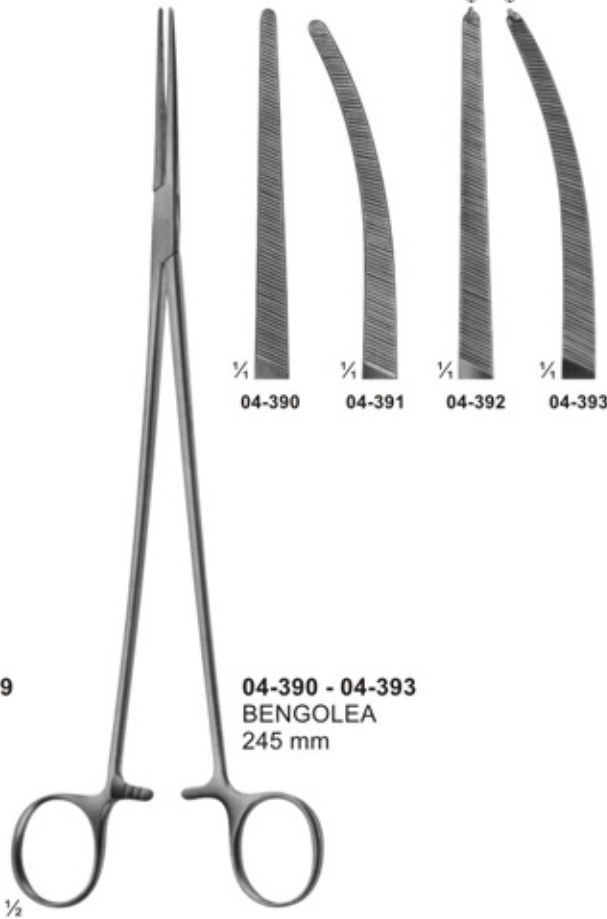
**04-379 - 04-382**  
HALSTED-MOSQUITO  
200 mm



**04-383 - 04-387**  
HEISS  
200 mm



**04-388 - 04-389**  
HALSTED  
215 mm



**04-390 - 04-393**  
BENGOLEA  
245 mm



**04-394**  
CRAFOORD  
245 mm

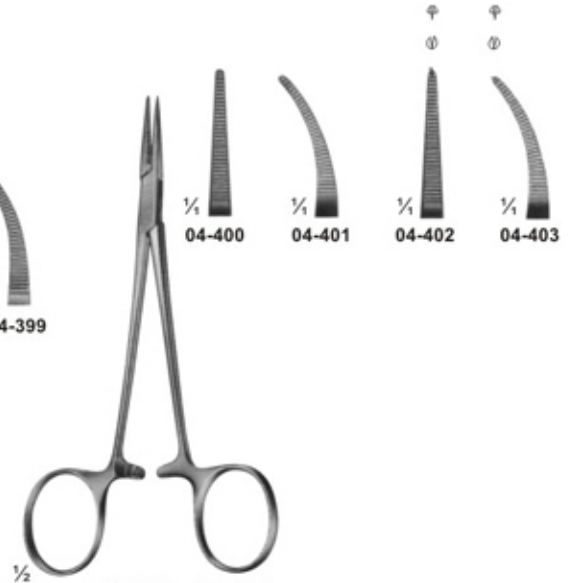
## Delicate Haemostatic Forceps



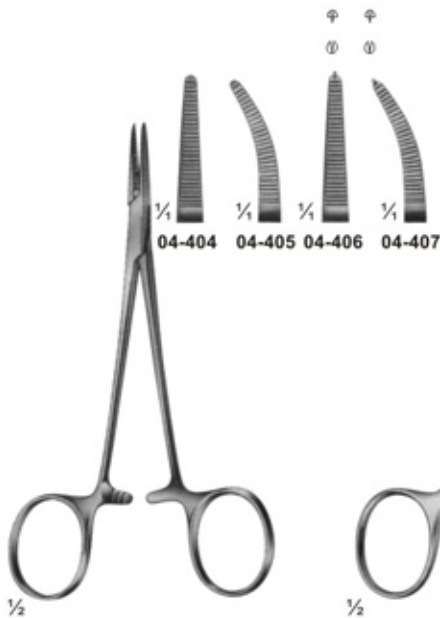
**04-395**  
CARREL  
85 mm



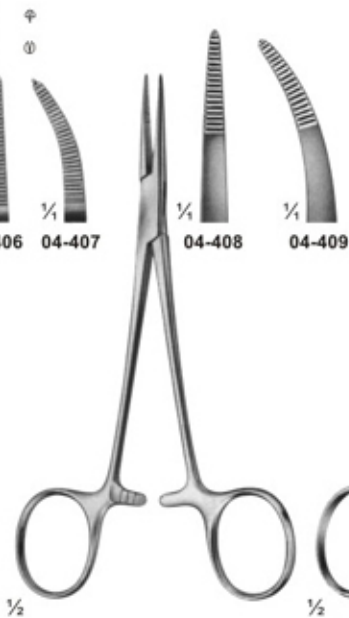
**04-396 - 04-399**  
BABY-MOSQUITO  
(HARTMANN)  
100 mm



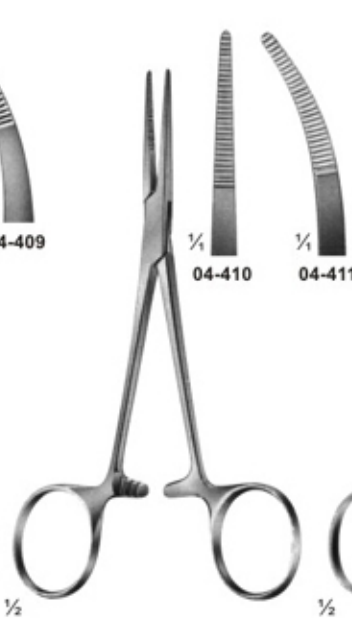
**04-400 - 04-403**  
MICRO-HALSTED  
125 mm



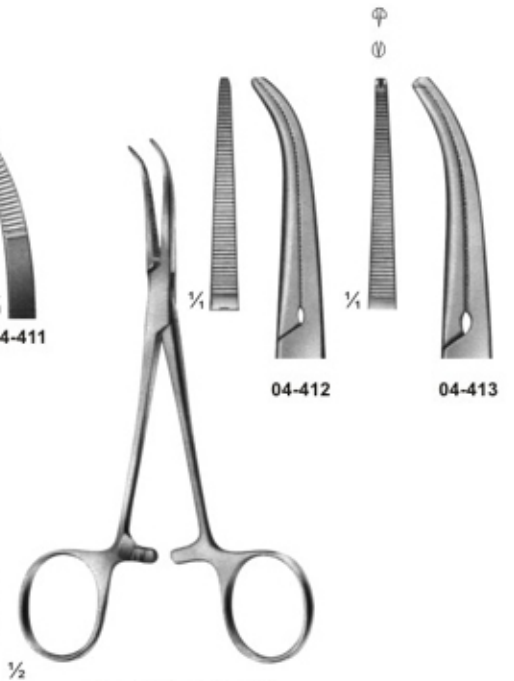
**04-404 - 04-407**  
HALSTED-MOSQUITO  
125 mm



**04-408 - 04-409**  
PROVIDENCE-HOSPITAL  
140 mm

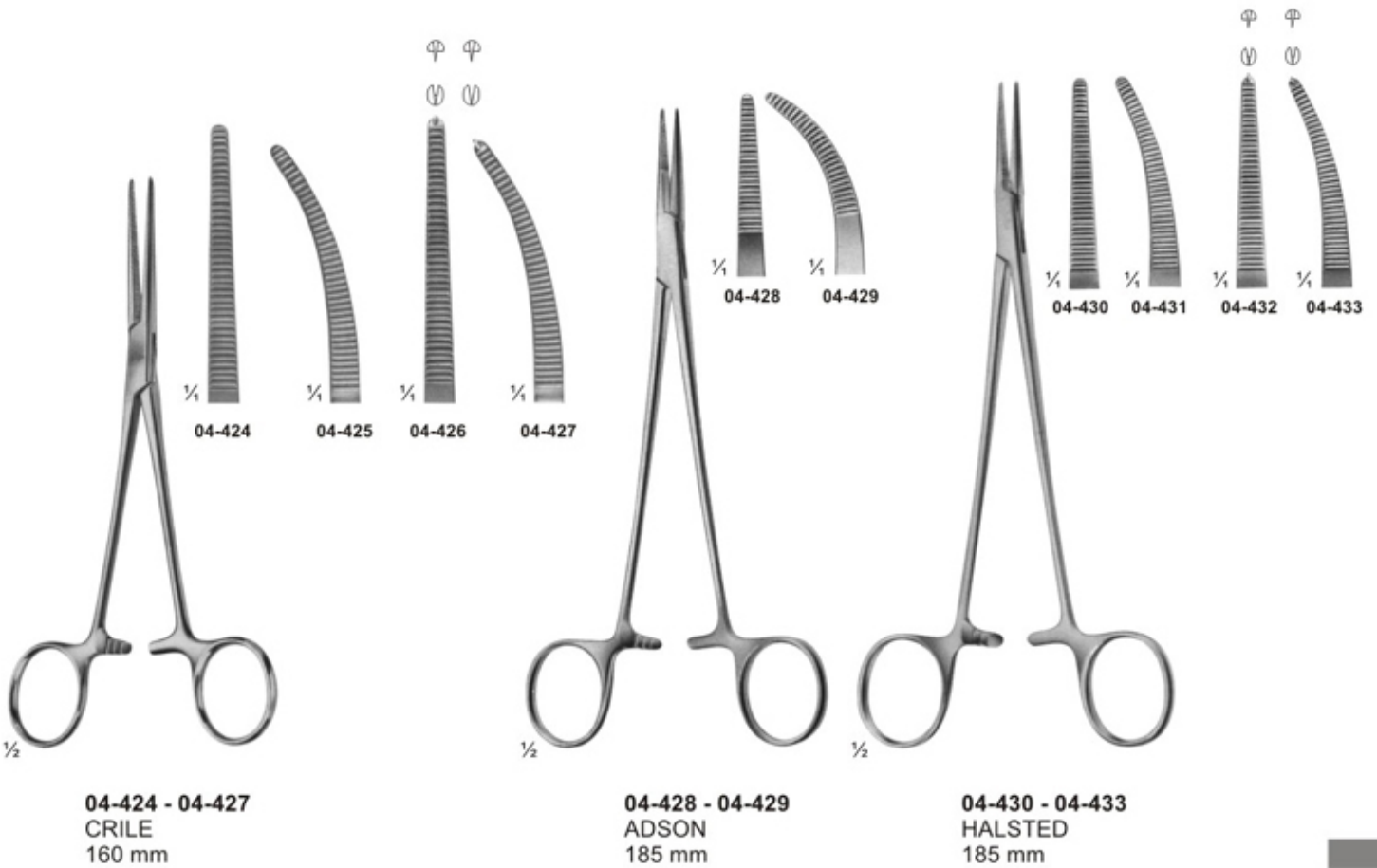
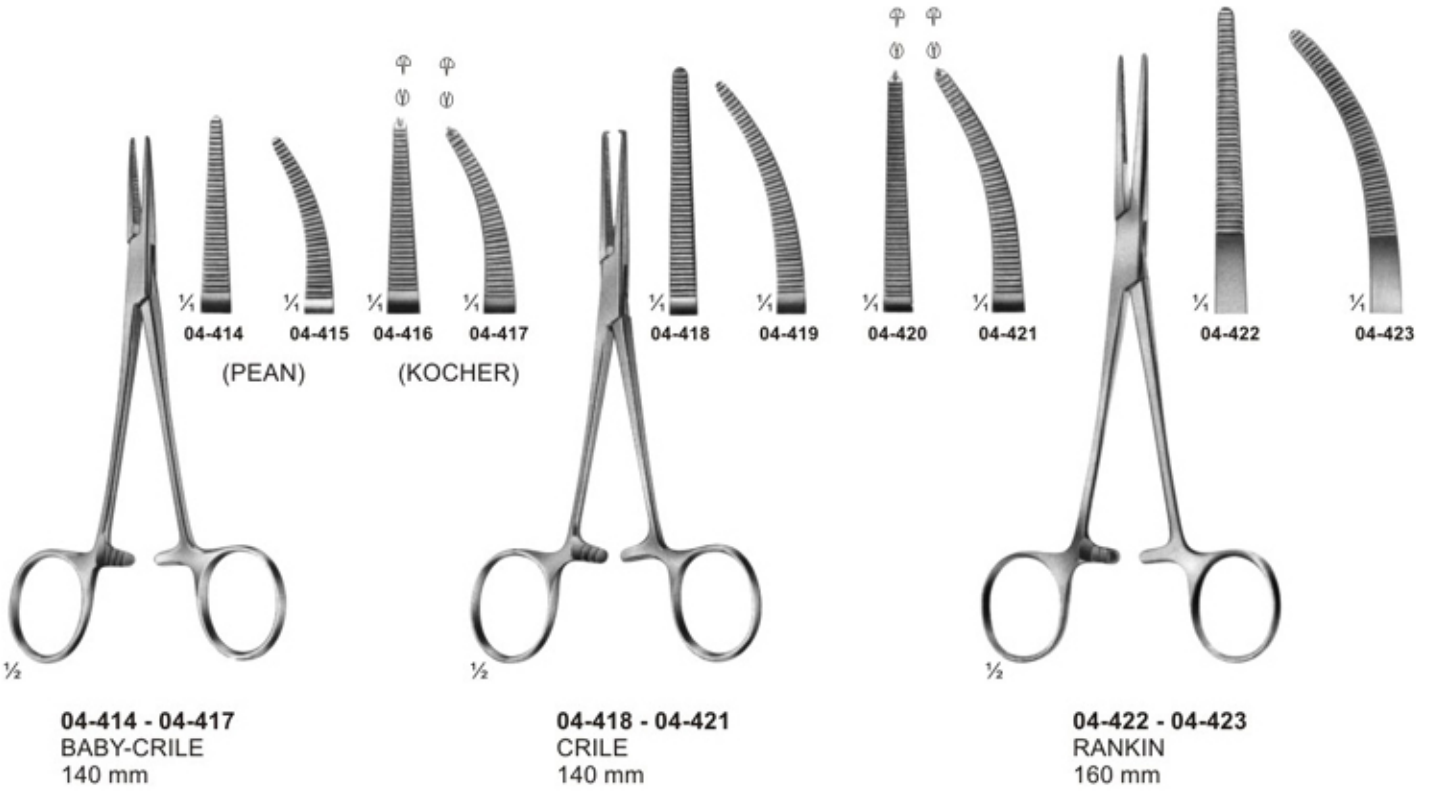


**04-410 - 04-411**  
KELLY  
140 mm

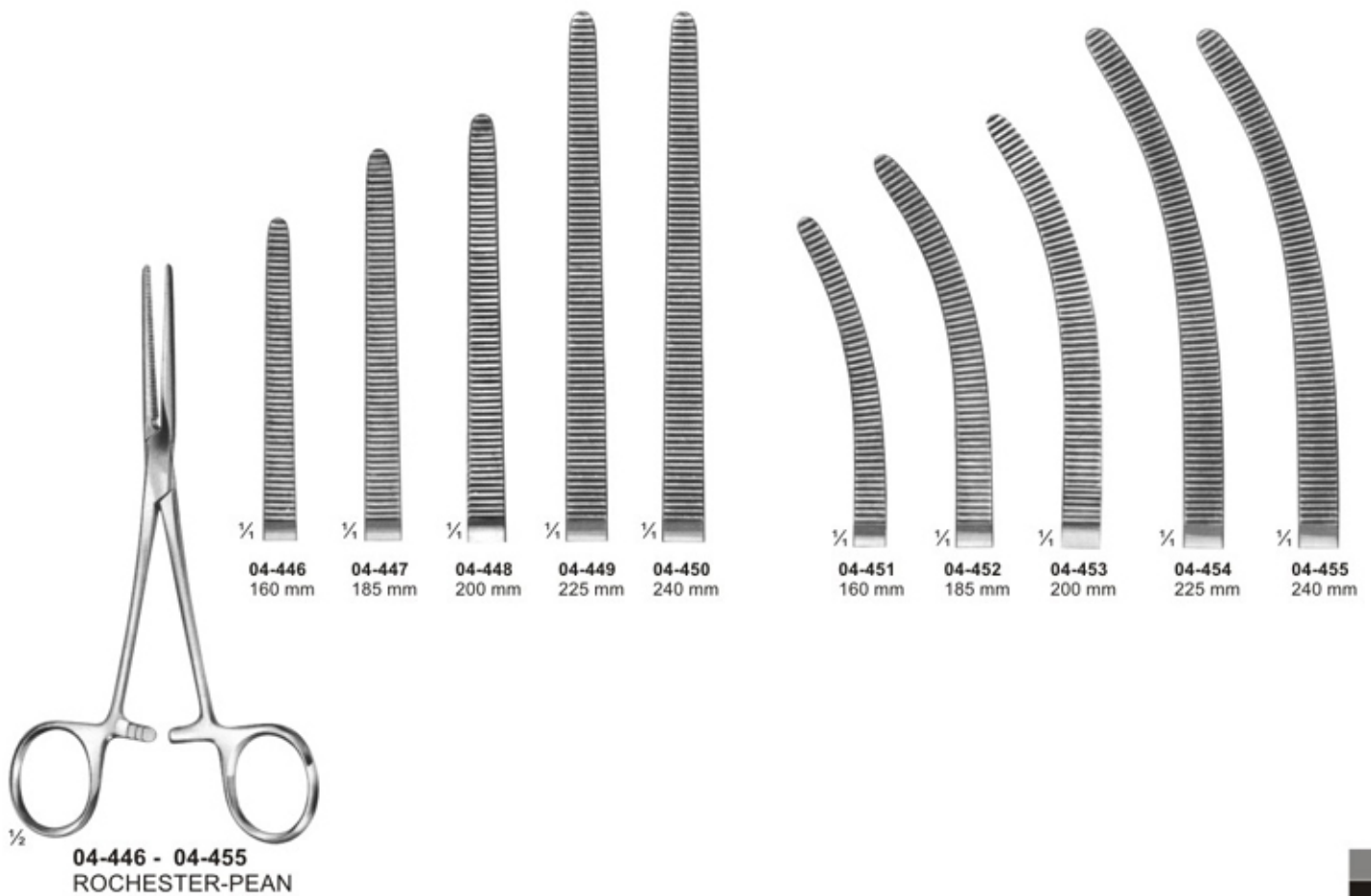
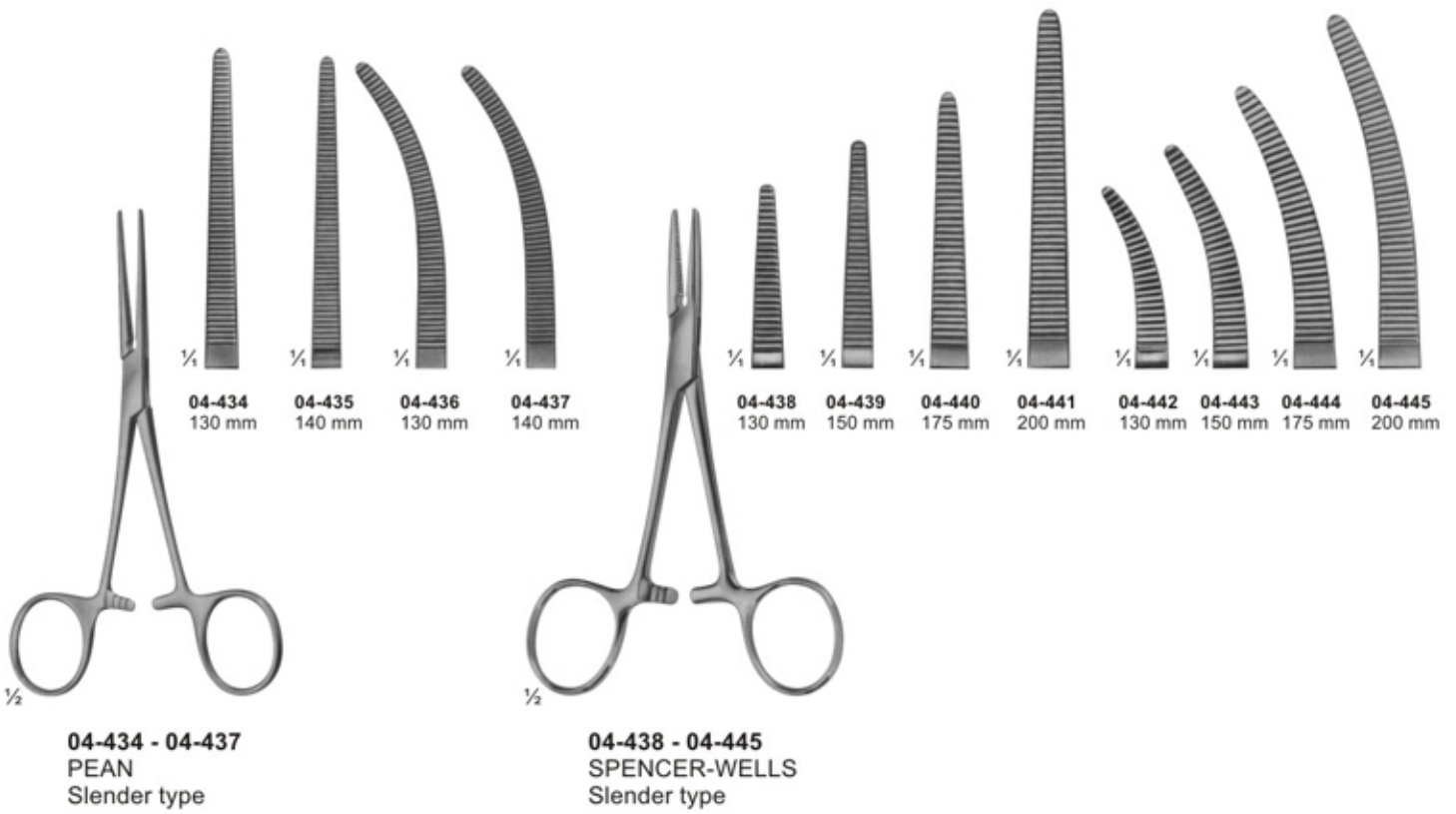


**04-412 - 04-413**  
DANDY  
Curved sideways  
140 mm

## Delicate Haemostatic Forceps



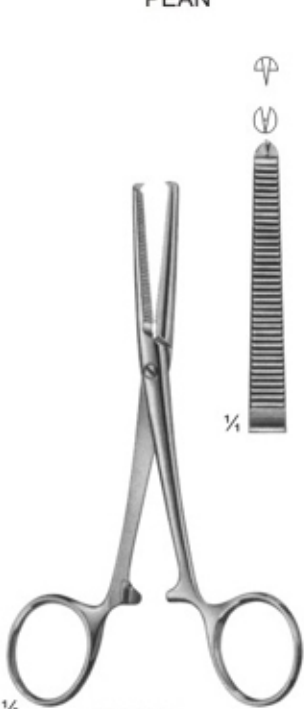
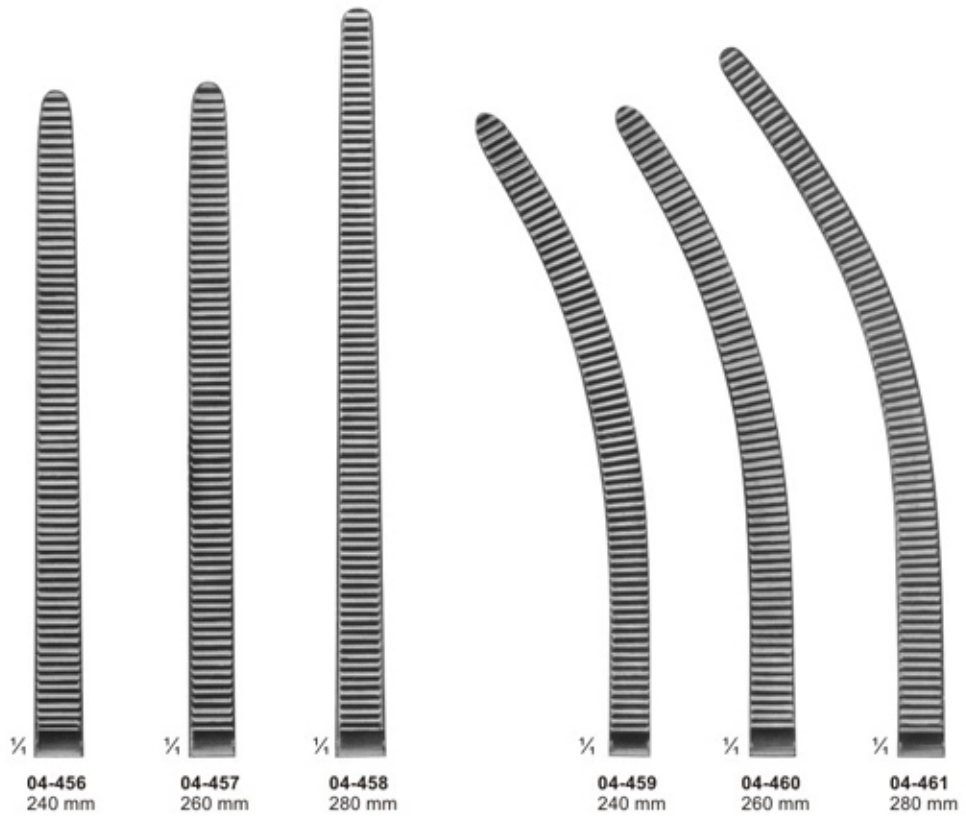
# Haemostatic Forceps



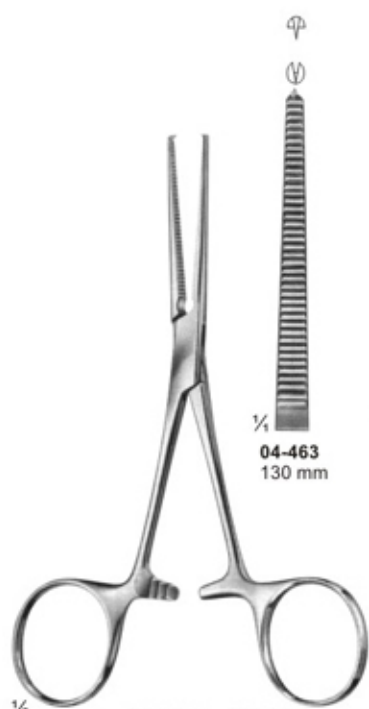
# Haemostatic Forceps



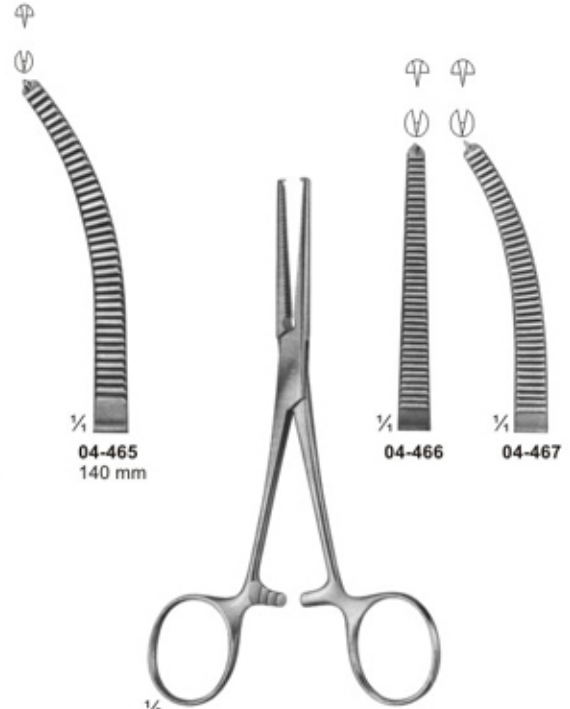
**04-456 - 04-461**  
PEAN



**04-462**  
KOCHER  
Strong Pattern  
145 mm

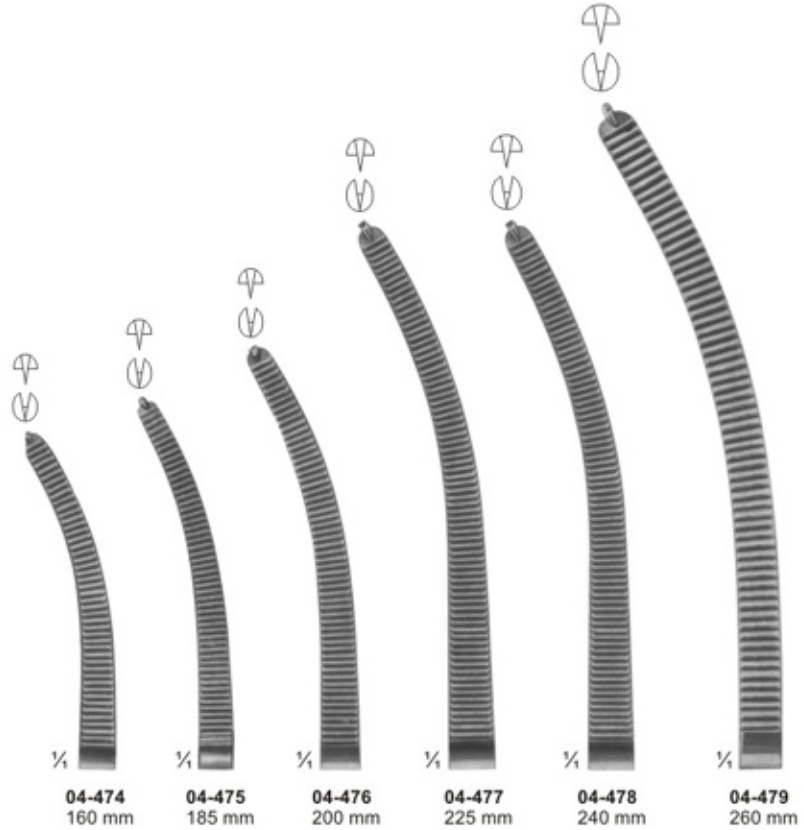
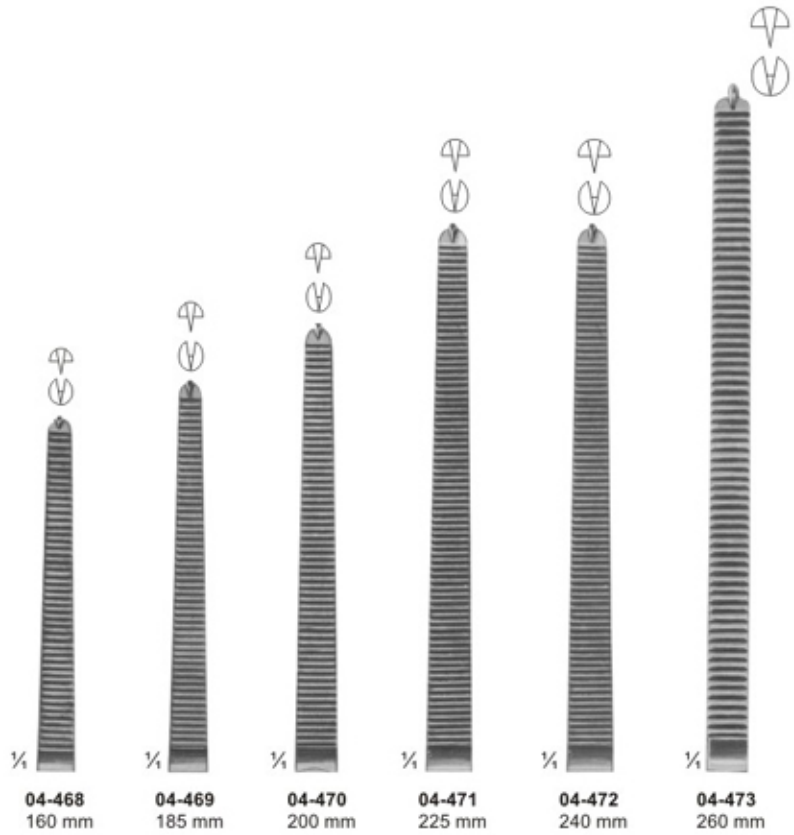


**04-463 - 04-465**  
KOCHER



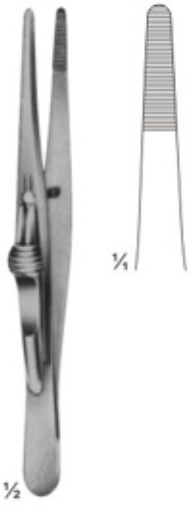
**04-466 - 04-467**  
ROCHESTER-OGHSNER  
140 mm

# Haemostatic Forceps



**04-468 - 04-479**  
**KOCHER-OCHSNER**

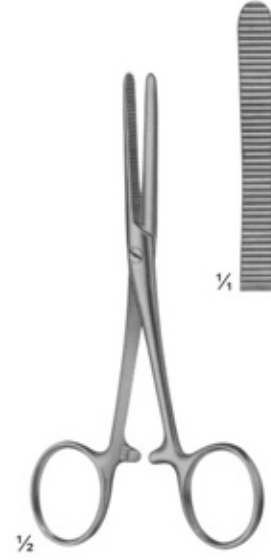
## Haemostatic Forceps



**04-480**  
**FRICKE**  
Artery forceps  
130 mm



**04-481**  
**KRONLEIN**  
130 mm



**04-482**  
**PEAN**  
125 mm

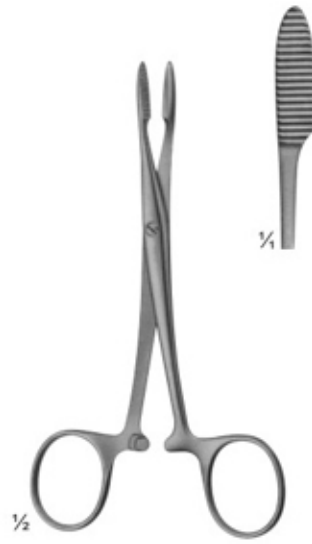


**04-483**  
125 mm

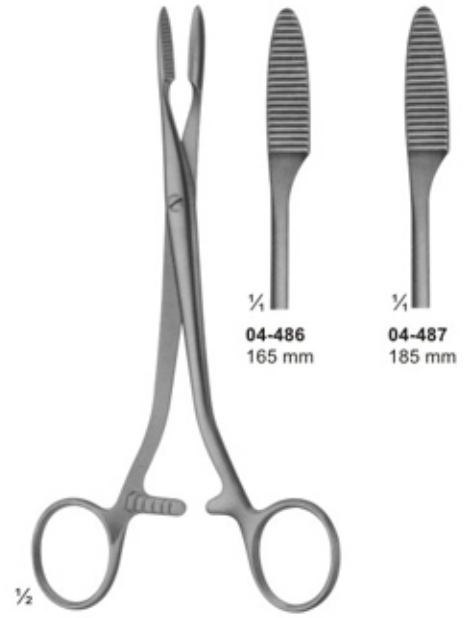


**04-484**  
140 mm

**04-483 - 04-484**  
**PEAN**



**04-485**  
**PEAN**  
125 mm

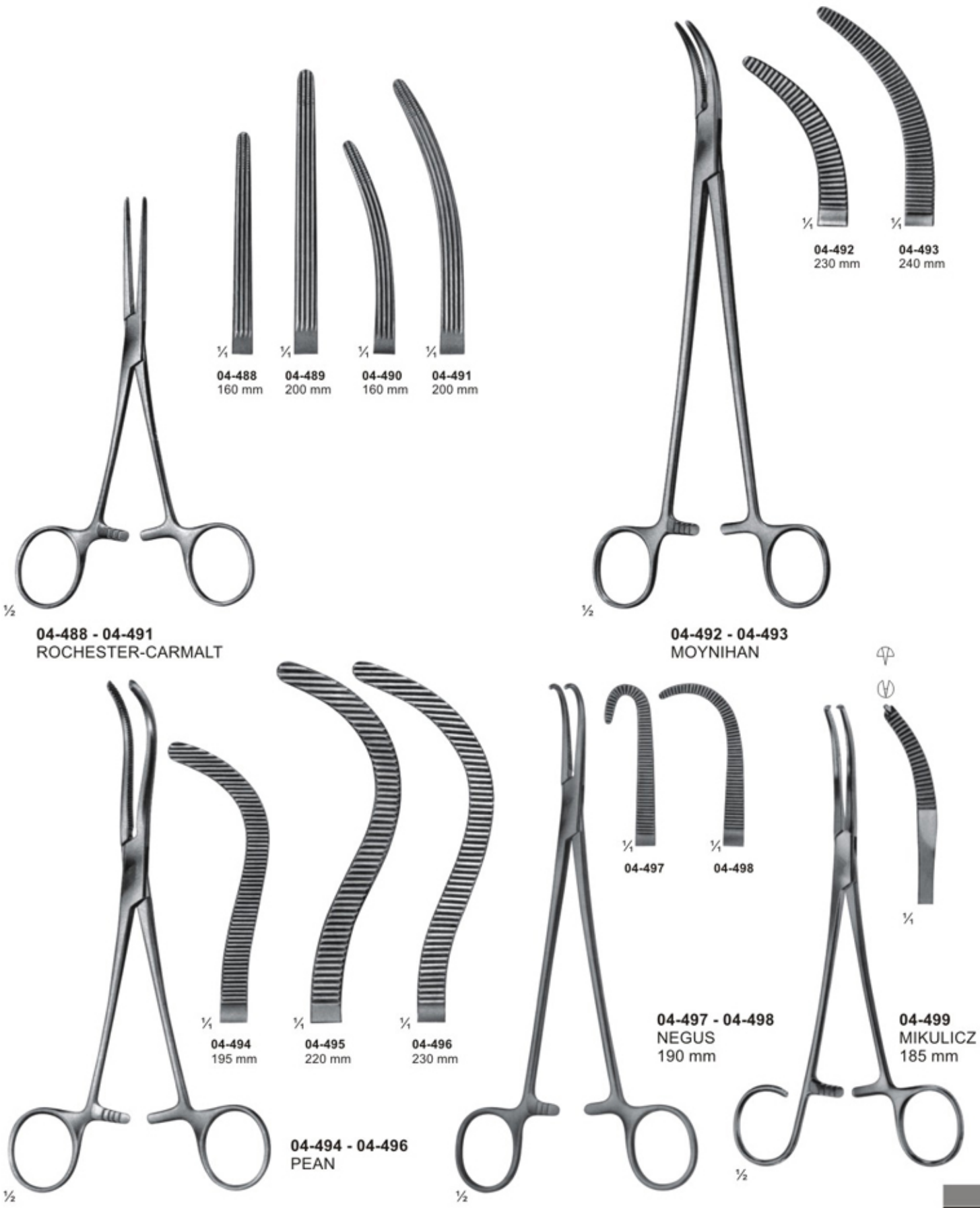


**04-486**  
165 mm

**04-487**  
185 mm

**04-486 - 04-487**  
**PEAN**

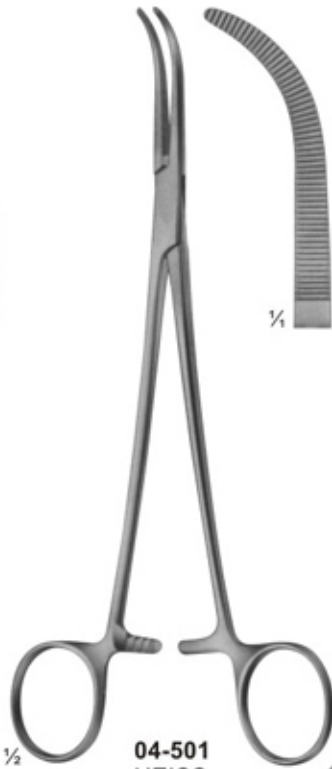
# Haemostatic Forceps, Special Pattern, Tonsil Forcep



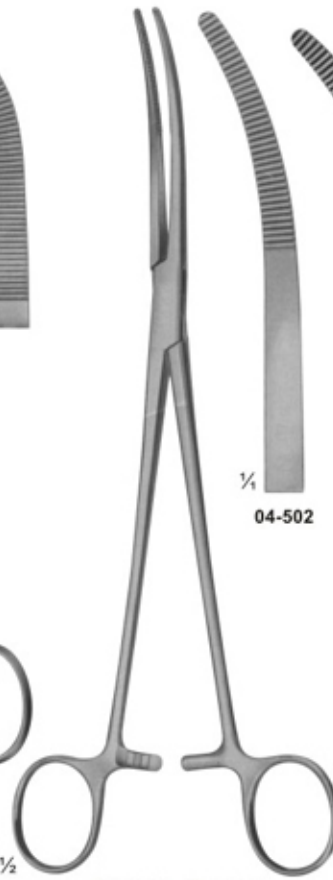
## Dissecting- and Ligature Forceps



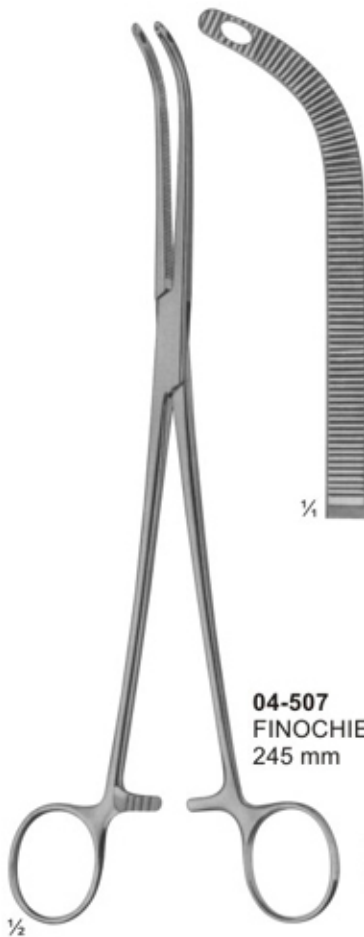
**04-500**  
MIXTER-O'SHAUGHNESSY  
190 mm



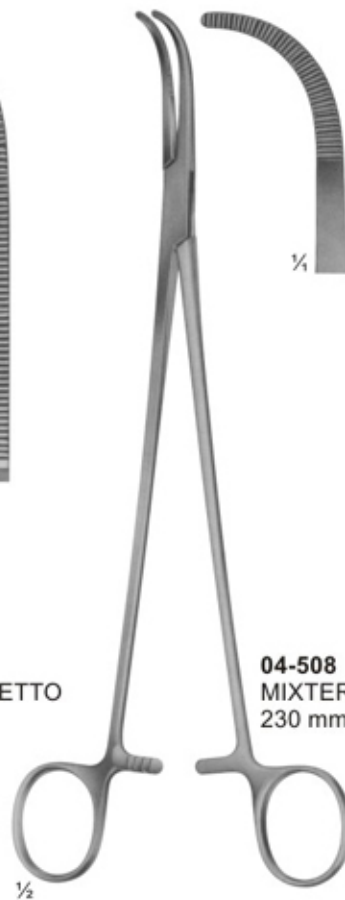
**04-501**  
HEISS  
195 mm



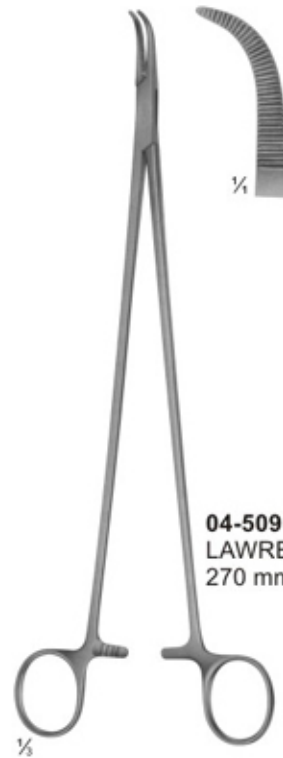
**04-502 - 04-506**  
RUMEL  
240 mm



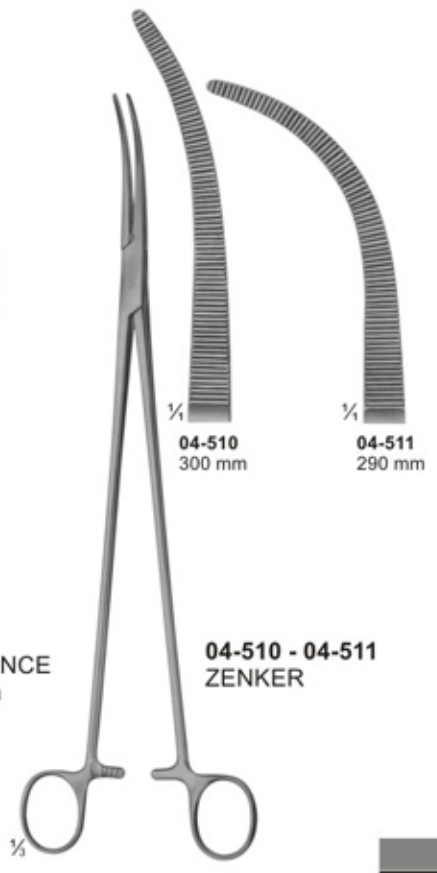
**04-507**  
FINOCHIETTO  
245 mm



**04-508**  
MIXTER  
230 mm



**04-509**  
LAWRENCE  
270 mm

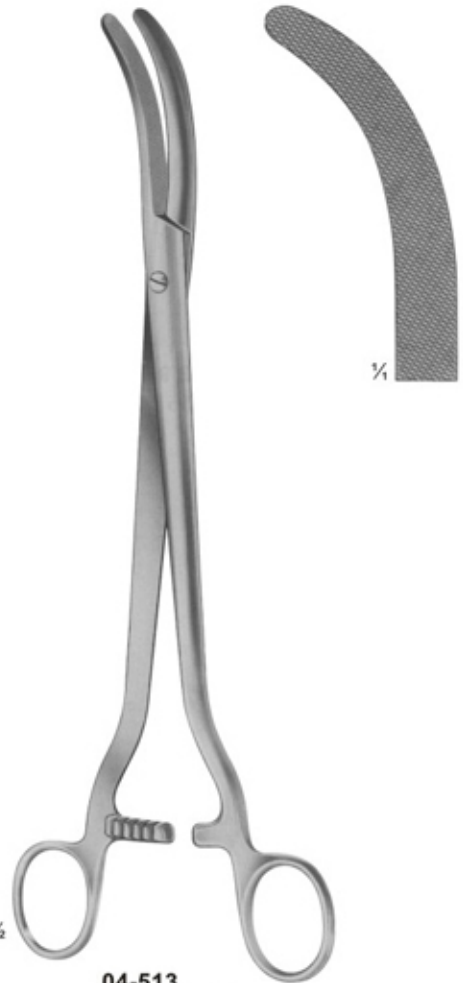


**04-510 - 04-511**  
ZENKER

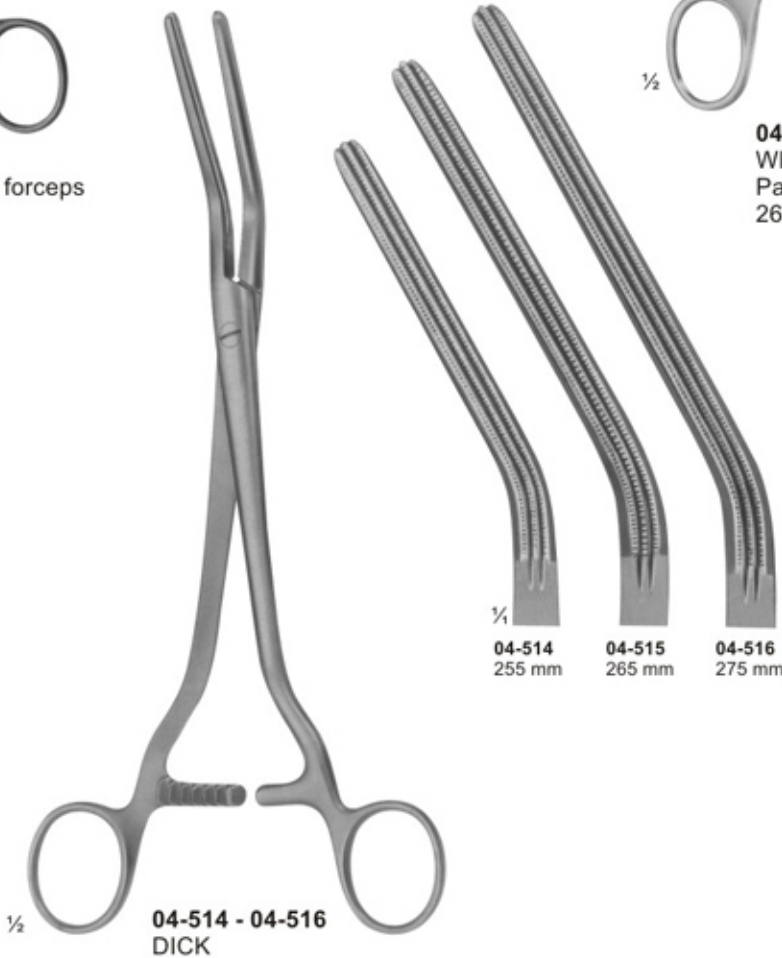
**Hysterectomy Forceps, Vaginal Clamps  
and Compression Forceps**



**04-512**  
WERTHEIM  
Hysterectomy forceps  
255 mm



**04-513**  
WERTHEIM  
Parametrium clamp  
260 mm



**04-514** 255 mm  
**04-515** 265 mm  
**04-516** 275 mm

**04-514 - 04-516**  
DICK

**Hysterectomy Forceps, Vaginal Clamps  
and Compression Forceps**



**04-517**  
WERTHEIM  
250 mm

½



¼

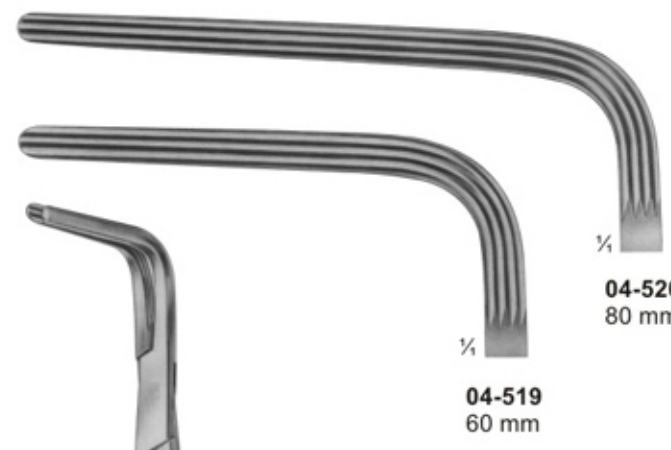


**04-518**  
WERTHEIM-CULLEN  
215 mm

½

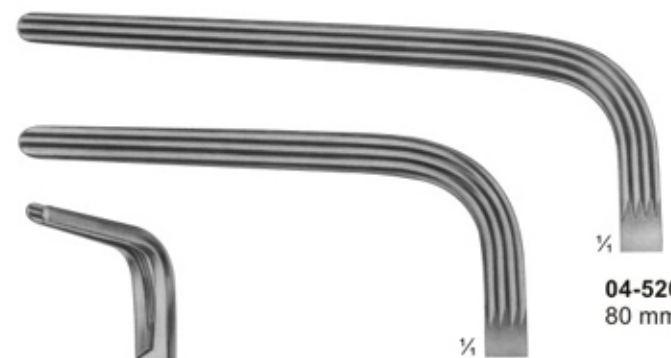


¼



**04-519**  
60 mm

½



¼

**04-520**  
80 mm

**04-519 - 04-520**  
230 mm

## Needle Holders for micro surgery



**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

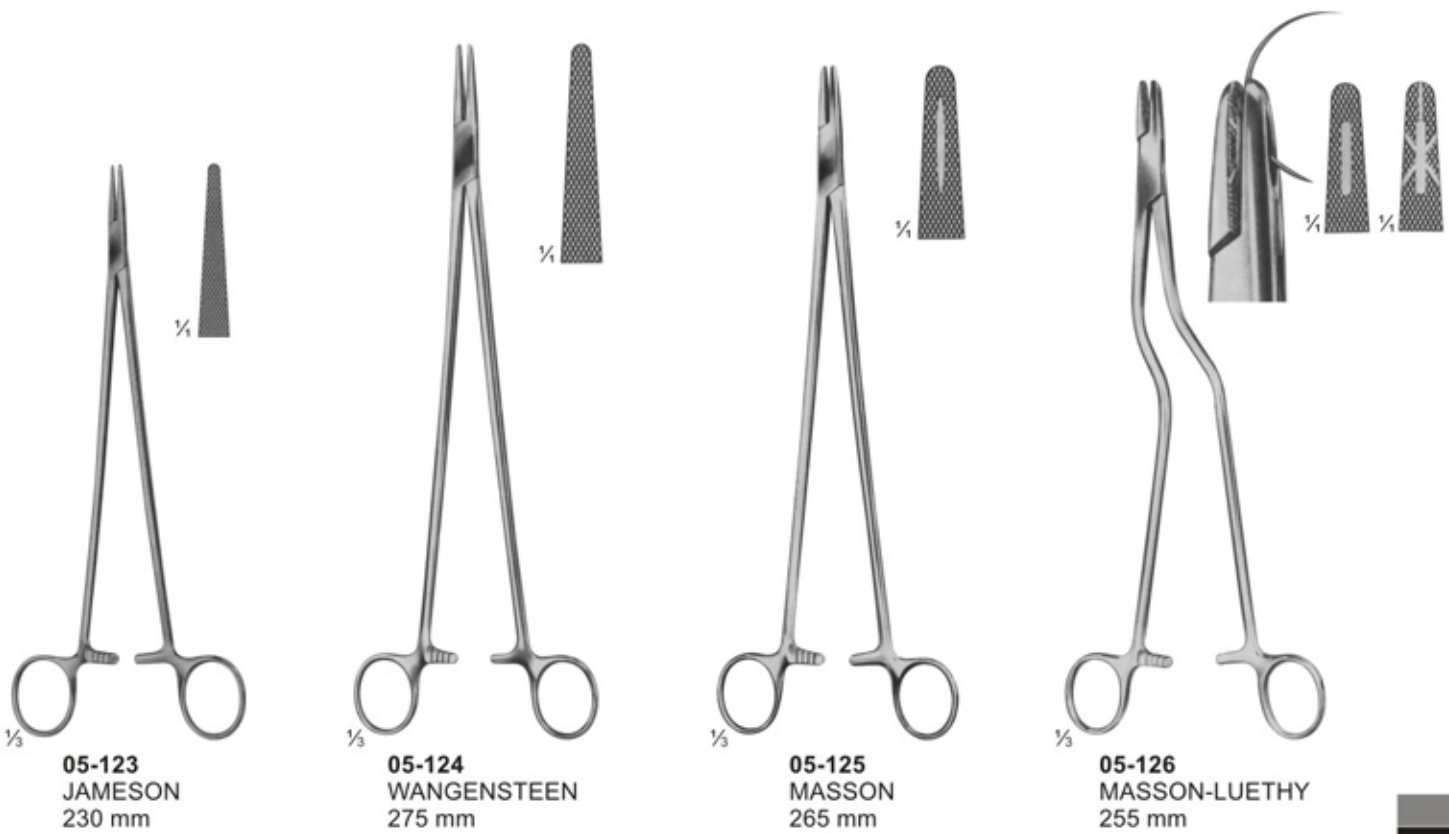


**05-112**  
without catch  
195 mm



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

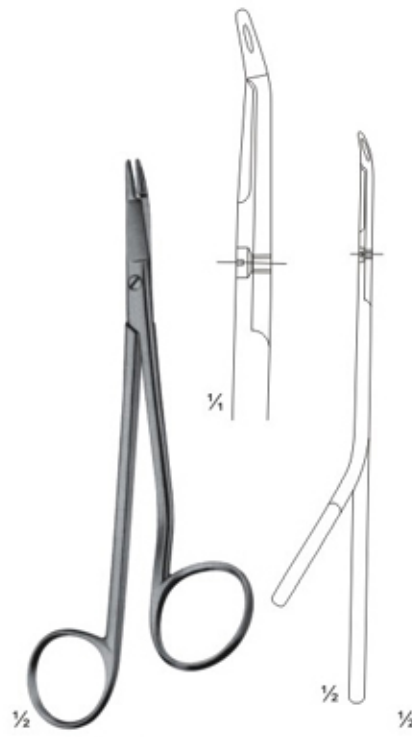
## Needle Holders



## Needle Holders



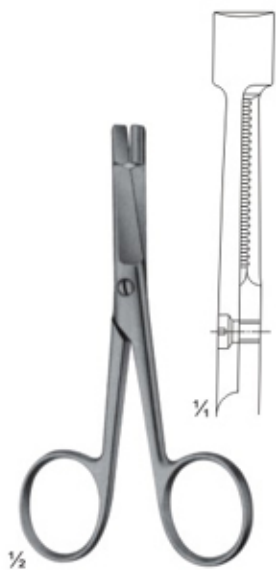
**05-127 - 128**  
**HEGAR-OLSEN**  
255 mm



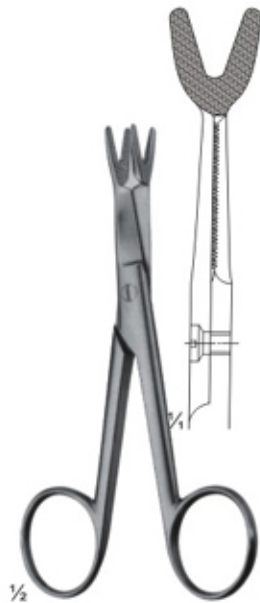
**05-129**  
**GILLIES**  
150 mm



**05-130**  
**GILLIES**  
160 mm



**05-131**  
**EISELSBERG**  
115 mm



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

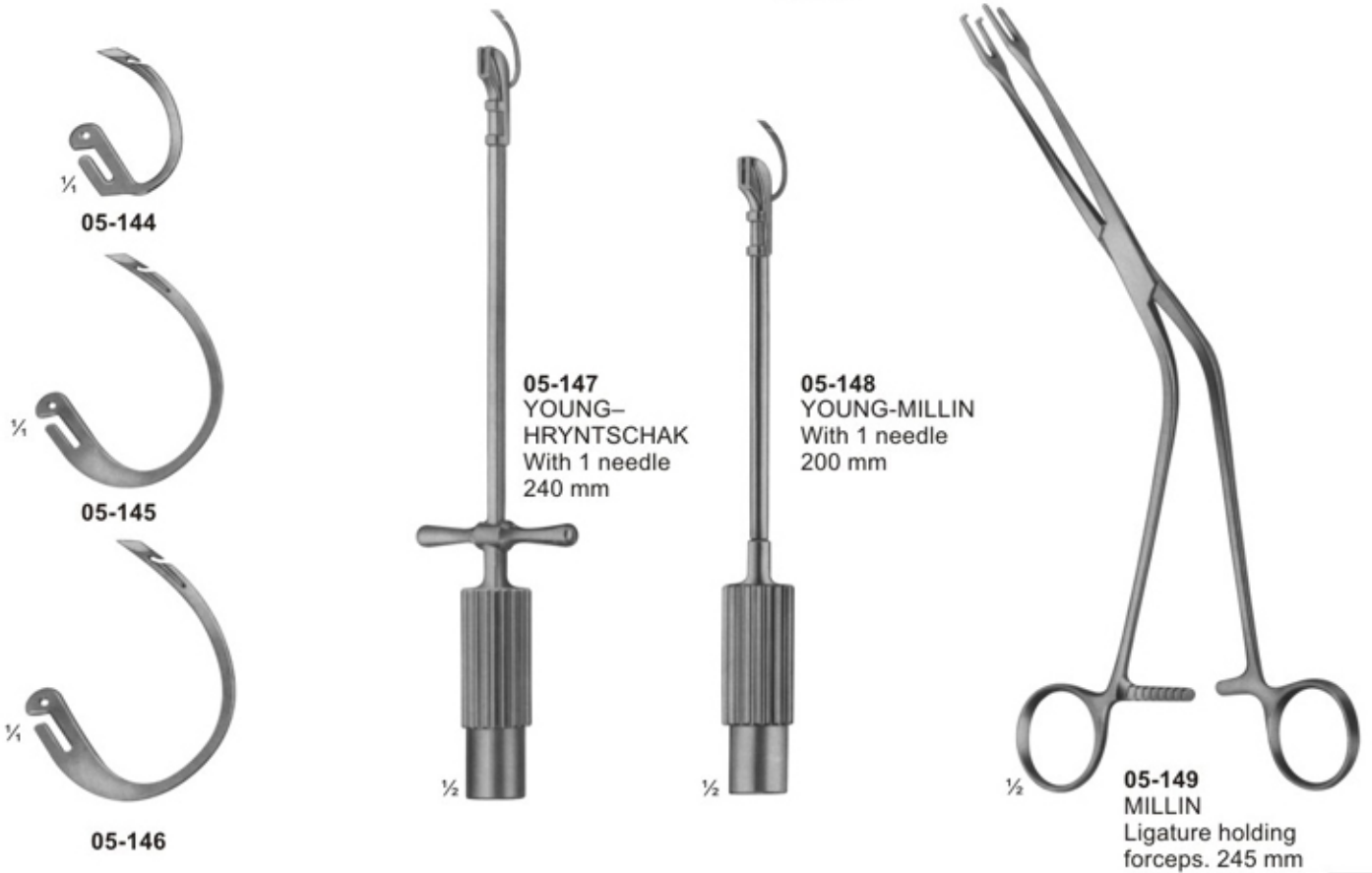
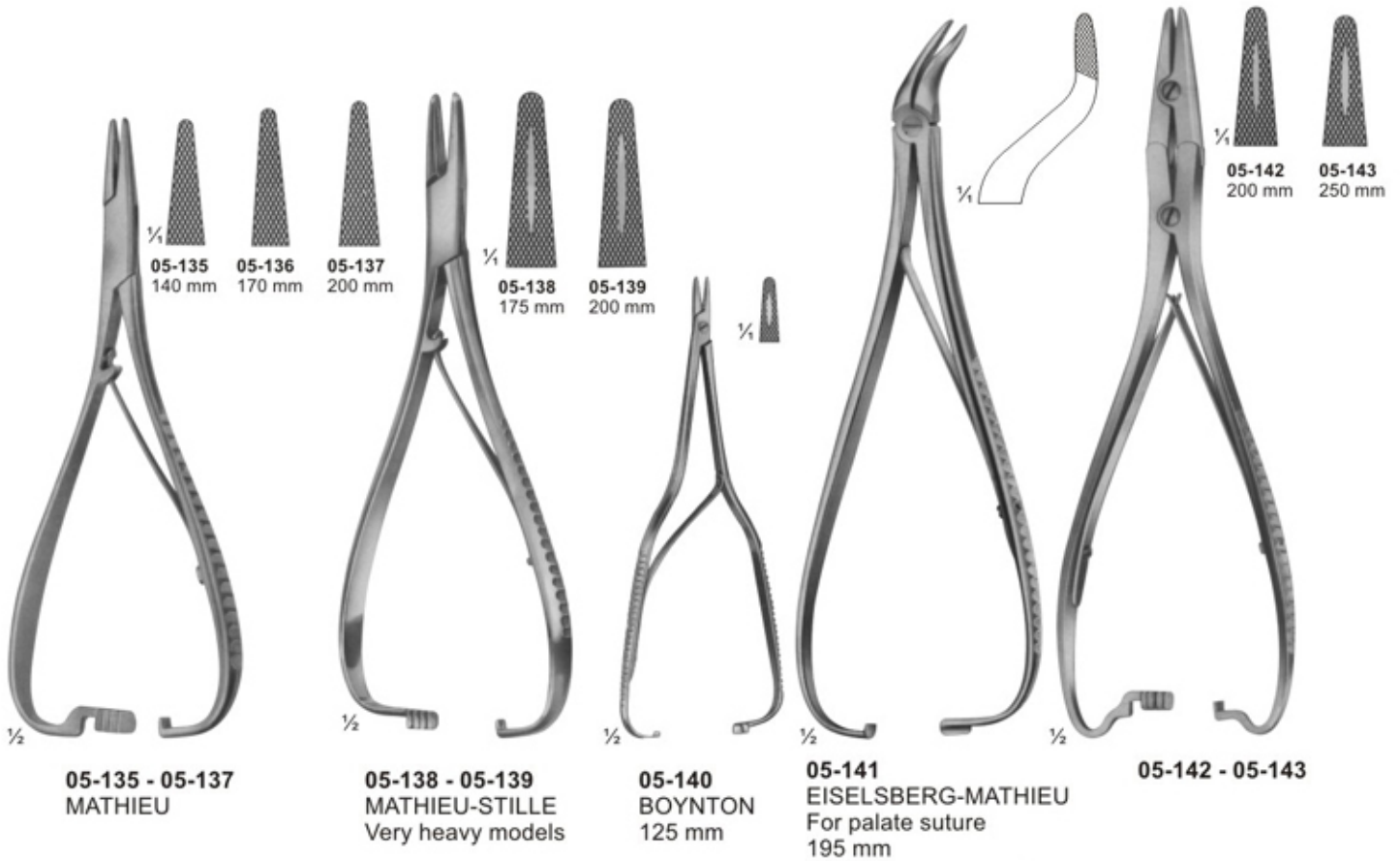


**05-133**  
**CRILE**  
150 mm

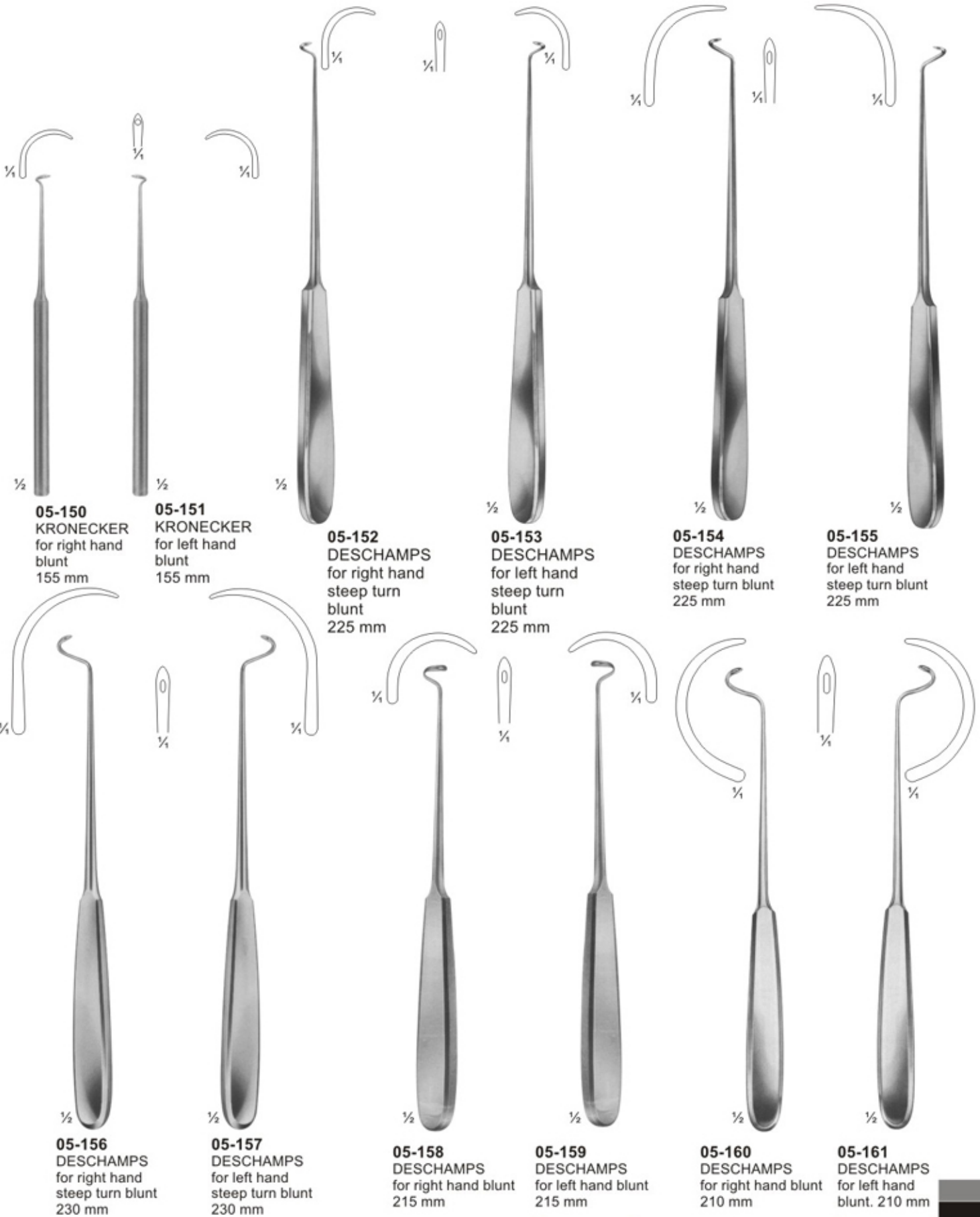


**05-134**  
**TOENNIS**  
Elastic pattern for dura-or  
intestinal suture. 180 mm

# Needle Holders



## Suture Instruments - Reverdin Needles



**Probes**



**05-162** 130 mm  
**05-163** 145 mm  
**05-164** 160 mm  
Directors



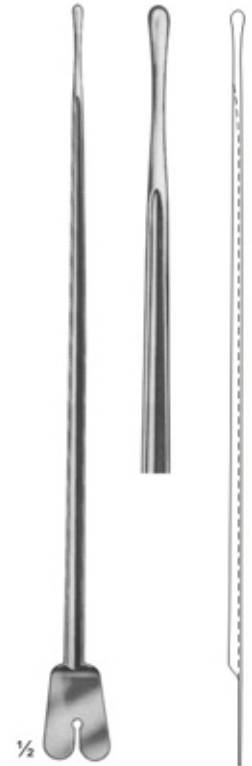
**05-165**  
**DOYEN**  
145 mm  
Directors



**05-166**  
**NELATON**  
160 mm  
Directors



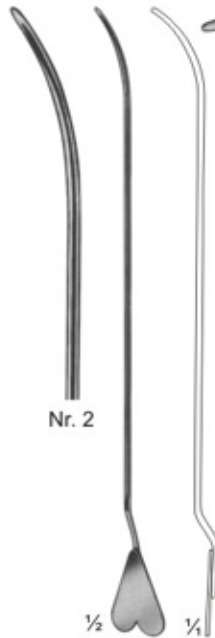
**05-167**  
Director with tip  
Diam. Of tip 3,3 mm  
140 mm



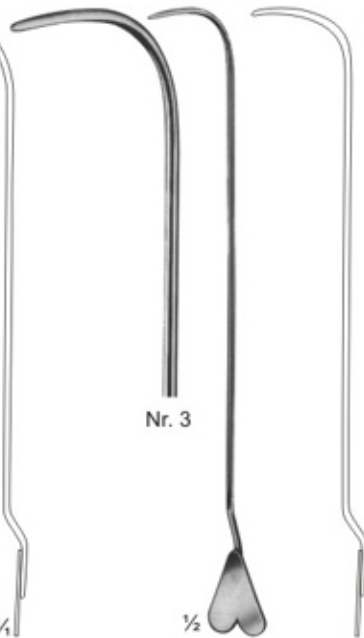
**05-168**  
**BRODIE**  
Director with tip,  
Diam. Of tip 3,5 mm  
200 mm



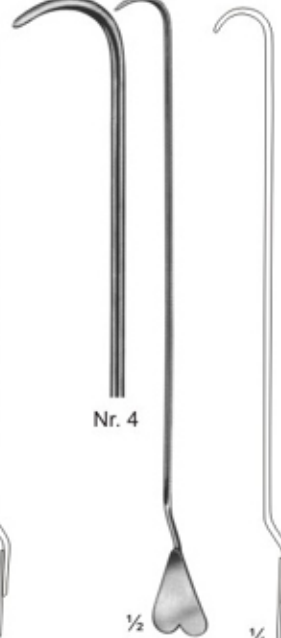
**05-169**  
**LOCKHART-MUMMERY**  
165 mm



**05-170**  
**LOCKHART-MUMMERY**  
165 mm



**05-171**  
**LOCKHART-MUMMERY**  
165 mm



**05-172**  
**LOCKHART-MUMMERY**  
165 mm



**05-173**  
Director with wire  
loop, malleable  
190 mm

# Probes



05-174 145 mm  
05-175 160 mm  
05-176 200 mm  
Probes with eye



05-177  
Myrtle leaf probe  
145 mm



05-178 130 mm  
05-179 145 mm  
05-180 160 mm  
05-181 180 mm  
05-182 200 mm



05-183  
Probes



05-184  
Double ended probe,  
malleable, diam. of tips  
3 mm with hole  
190 mm



05-185  
Double ended probes,  
tin, malleable,  
diam. of tips  
3,5 mm with hole  
250 mm, 300 mm



05-186  
Double ended probes,  
tin, malleable,  
diam. of tips 4 mm  
400 mm



05-187 1,5 mm  
05-188 2,0 mm  
05-189 2,5 mm  
300 mm

## Suturing Instrument Set, Pocket Instrument Set



### 05-190

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



### 05-191

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



### 05-192

Pocket instrument set, in metal case consisting of:

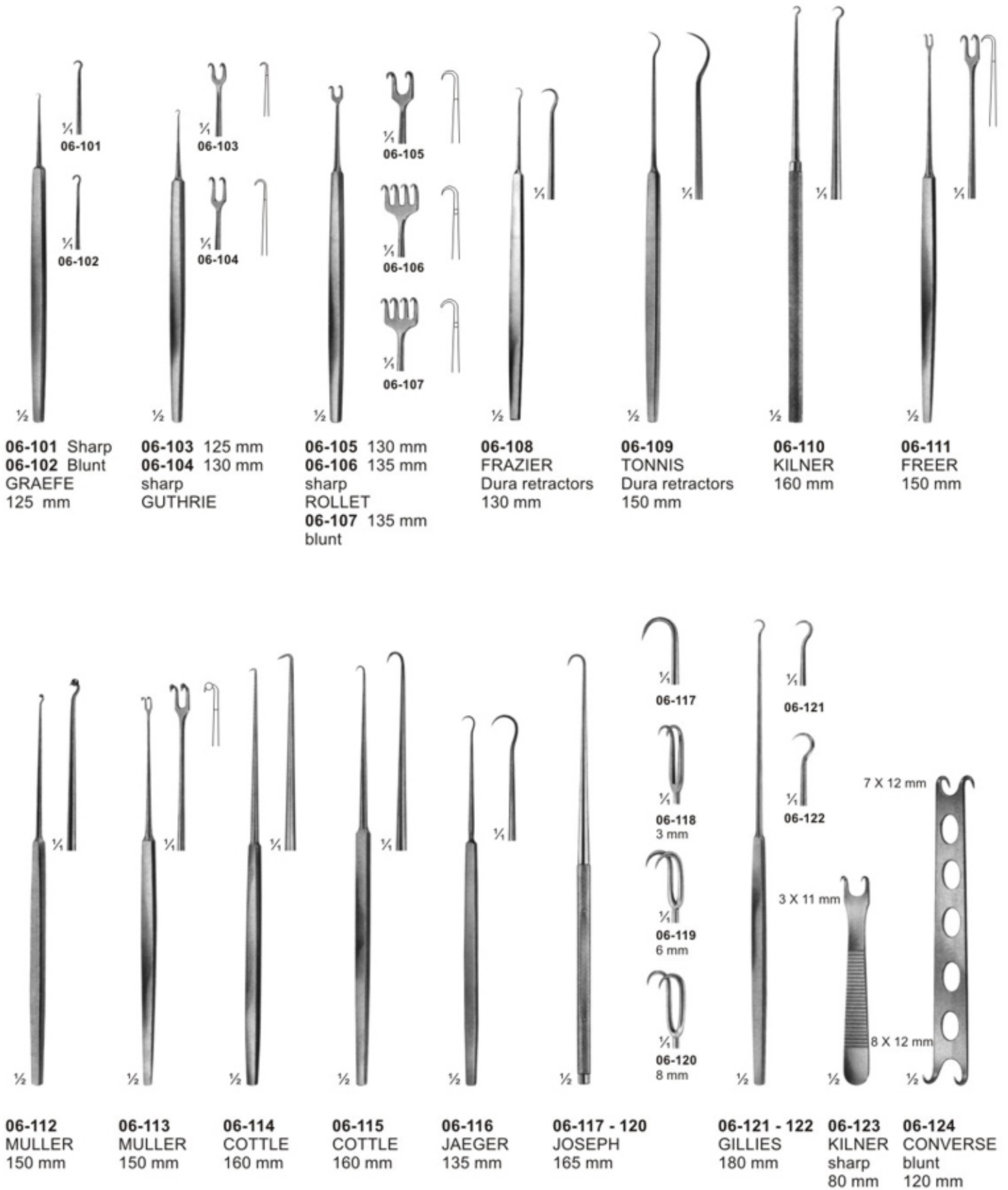
#### Bottom tray

1 MAYO-HÉGER 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

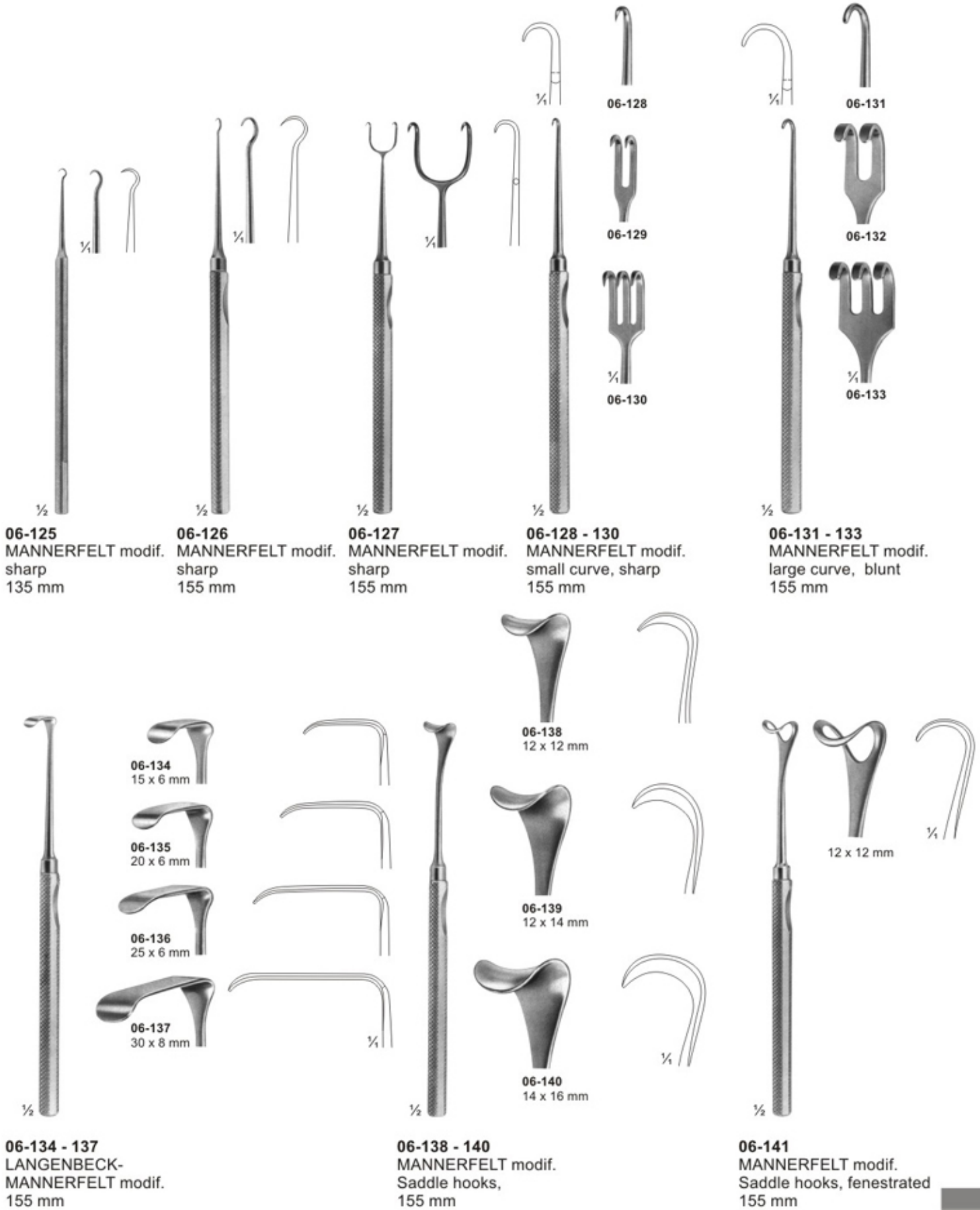
#### Top tray

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

## Fine Wound Retractors (Dura- and Skin Retractors)



## Retractors With treangle handle



# Retractors



1/2  
**06-142**  
MASING  
140 mm



1/2  
**06-143**  
COTTLE  
140 mm



1/2  
**06-144 - 148**  
DESMARRES  
140 mm



1/4  
**06-145**  
9 x 12 mm



1/4  
**06-146**  
11 x 14 mm



1/4  
**06-147**  
12 x 16 mm



1/4  
**06-148**  
13 x 18 mm



1/4  
**06-149**  
13 x 13 mm



1/4  
**06-150**  
12 x 16 mm



1/4  
**06-151**  
10 x 10 mm

1/2  
**06-149 - 150**  
KONIG  
180 mm

1/2  
**06-151**  
CUSHING-KOCHER  
175 mm



1/4  
**06-152**  
20 x 12 mm



1/4  
**06-153**  
20 x 15 mm



1/4  
**06-154**  
13 x 6 mm



1/4  
**06-155**  
10 x 13 mm



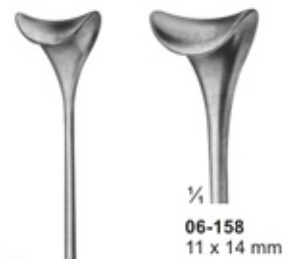
1/4  
**06-156**  
14 x 18 mm



20 x 15 mm

20 x 19 mm

1/2  
**06-157**  
205 mm



1/4  
**06-158**  
11 x 14 mm



1/4  
**06-159**  
13 x 18 mm



1/4  
**06-160**  
15 x 22 mm

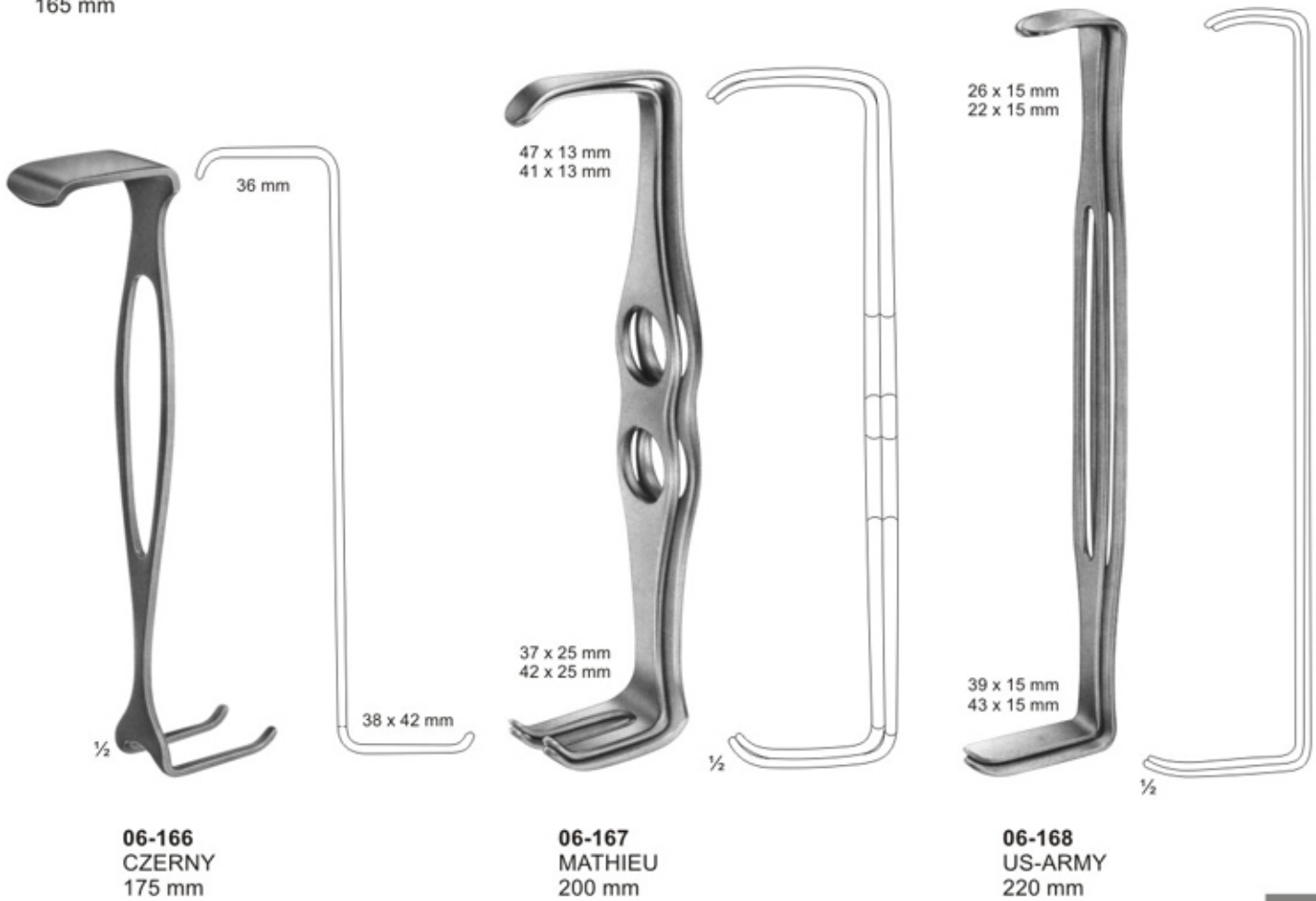
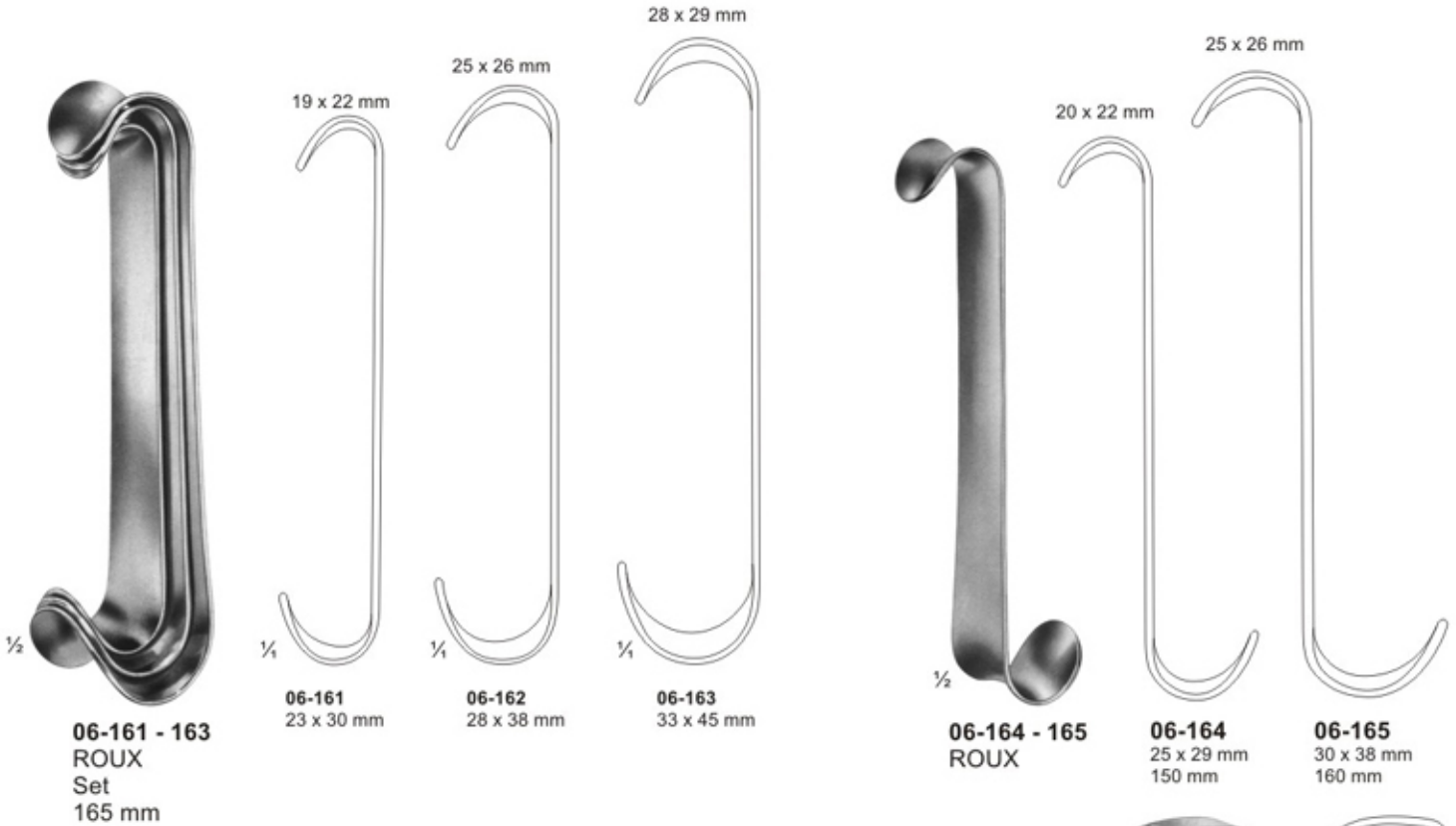
1/2  
**06-158 - 160**  
CUSHING  
250 mm

1/2  
**06-152 - 153**  
KOCHER  
205 mm

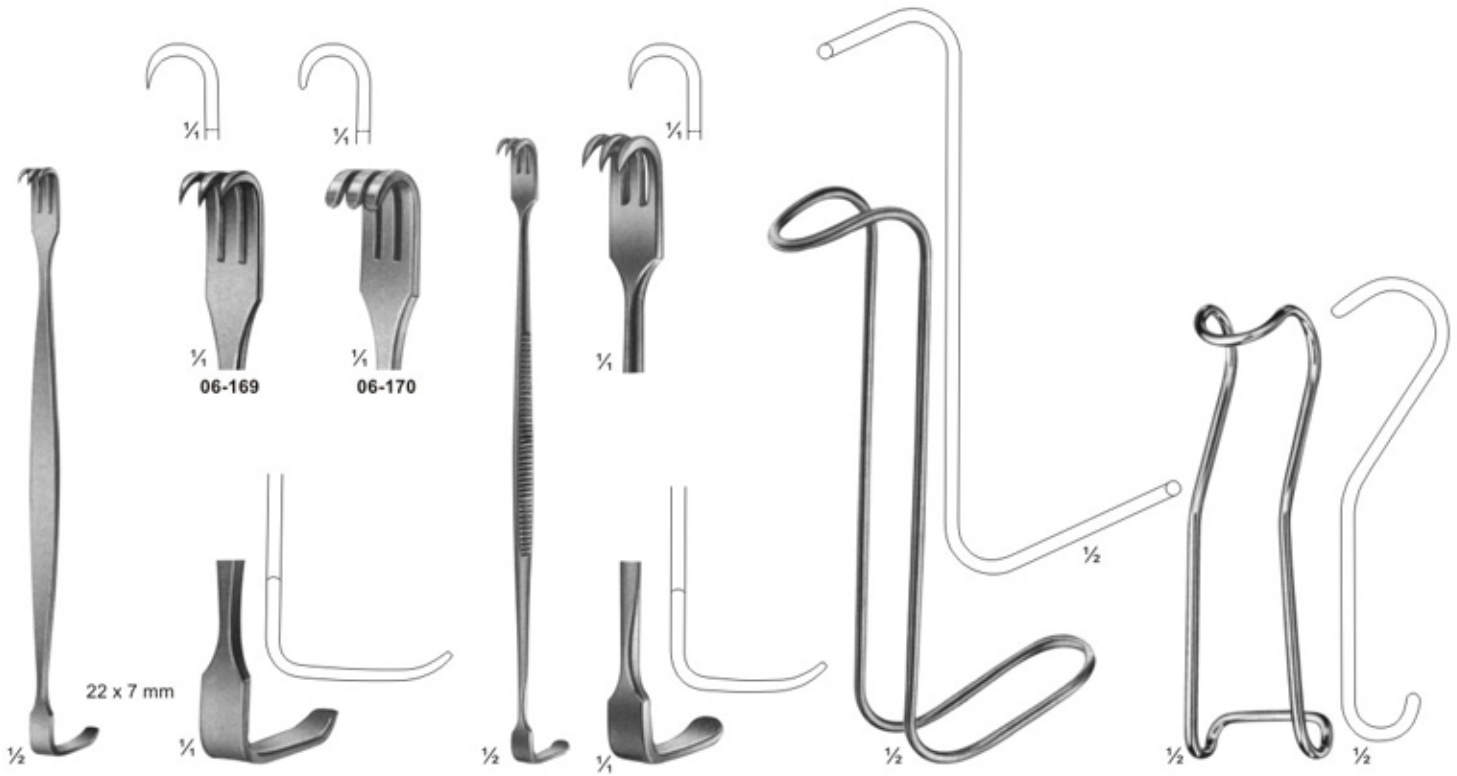
1/2  
**06-154**  
SCHOENBORN  
200 mm

1/2  
**06-155 - 156**  
CUSHING  
205 mm

# Retractors



## Retractors

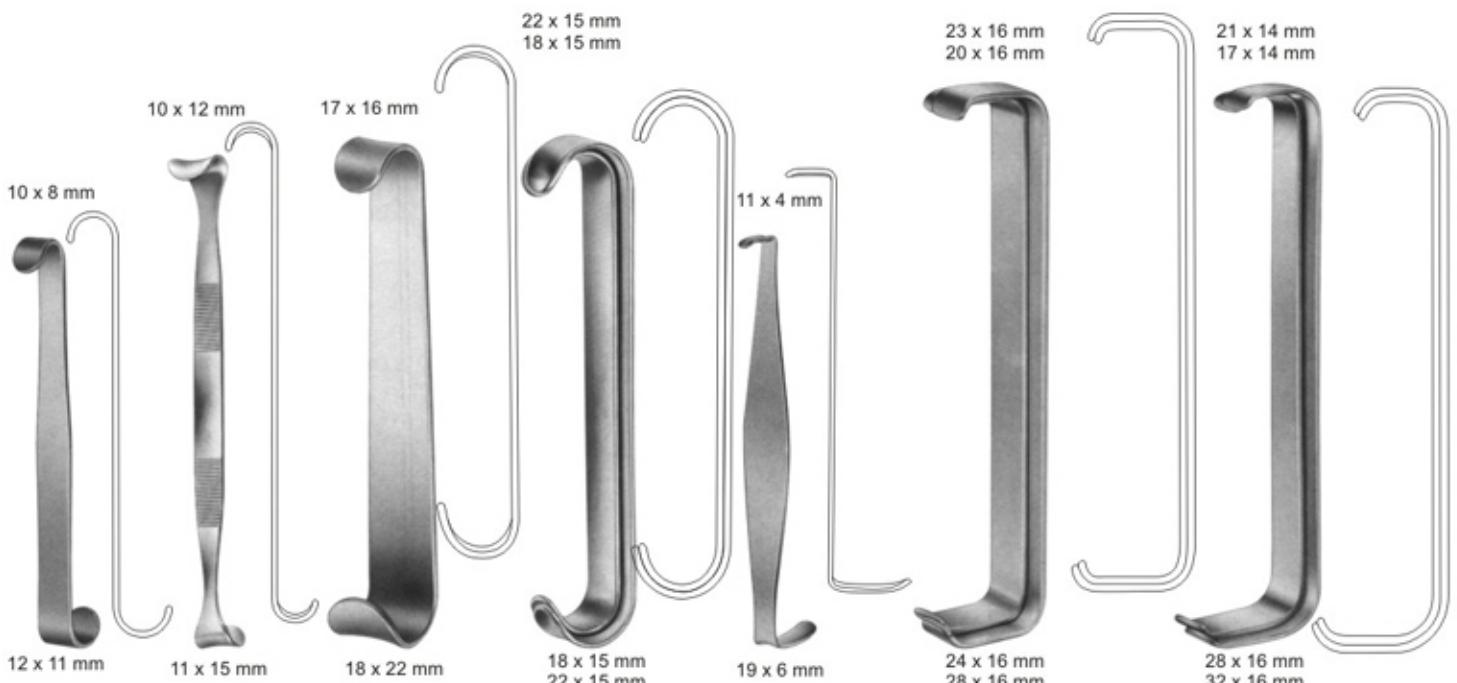


**06-169 - 06-170**  
**BABY-SENN-MILLER**  
155 mm

**06-171**  
**SENN-MILLER**  
165 mm

**06-172**  
**COLLIN-HARTMANN**  
150 mm

**STERBERG**  
**06-173** 120 mm  
**06-174** 130 mm  
**06-175** 135 mm  
**06-176** 140 mm



**06-177**  
**LUER**  
110 mm

**06-178**  
**ROSE**  
130 mm

**06-179**  
**BABY-ROUX**  
135 mm

**06-180**  
**PARKER**  
135 mm

**06-181**  
**CRILE**  
110 mm

**06-182**  
**FARABEU**  
150 mm

**06-183**  
**COLLIN**  
150 mm

## Bone Retractors and Retractors



**06-184**  
KOCHER  
sharp  
205 mm



**06-185**  
KOCHER  
sharp  
220 mm



**06-186**  
KOCHER  
sharp  
220 mm



**06-187**  
VOLKMANN  
blunt  
220 mm



**06-188**  
VOLKMANN  
sharp  
220 mm



**06-189 - 06-196**  
VOLKMANN  
225 mm



**06-189**  
9 x 8 mm



**06-190**  
9 x 13 mm



**06-191**  
9 x 19 mm



**06-192**  
9 x 29 mm



**06-193**  
8,5 x 8 mm



**06-194**  
8,5 x 13 mm

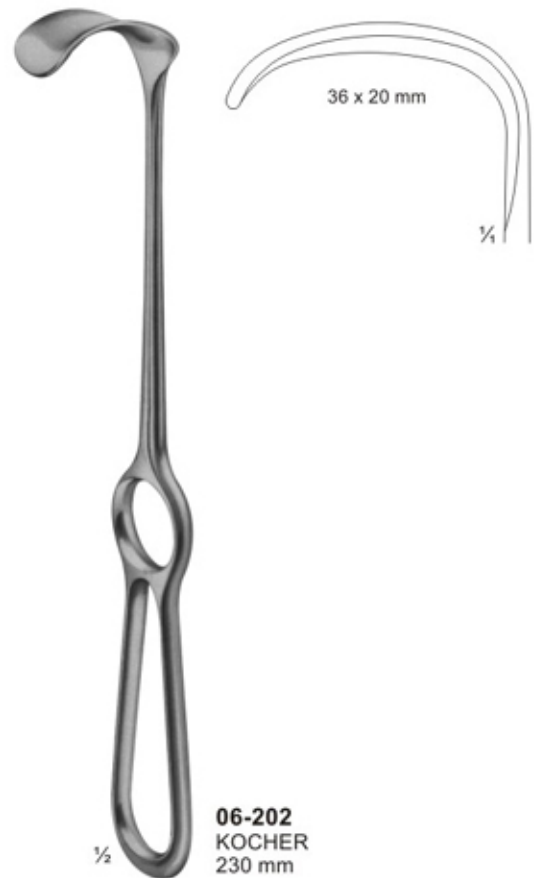
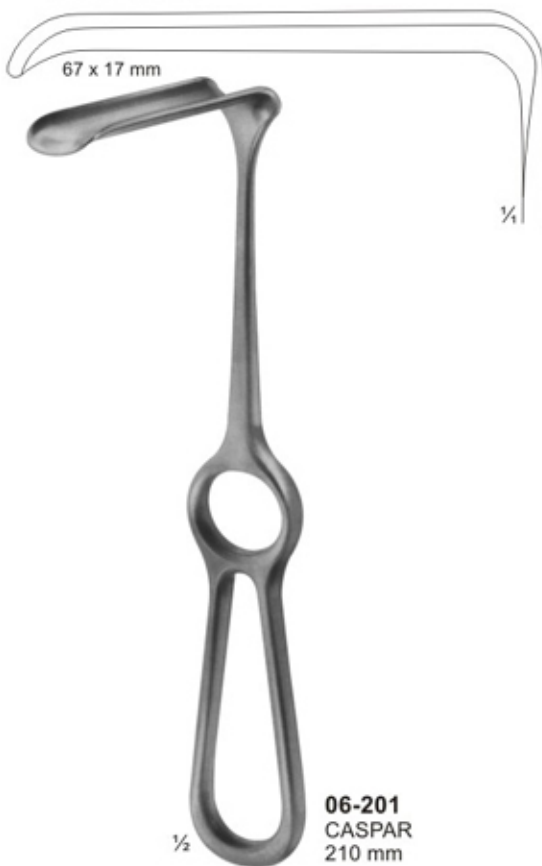
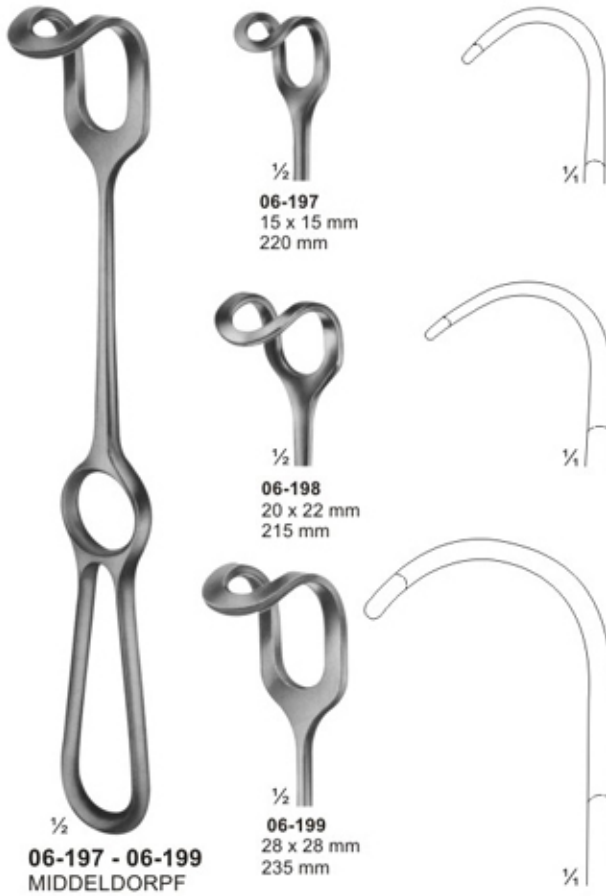


**06-195**  
8,5 x 19 mm



**06-196**  
8,5 x 29 mm

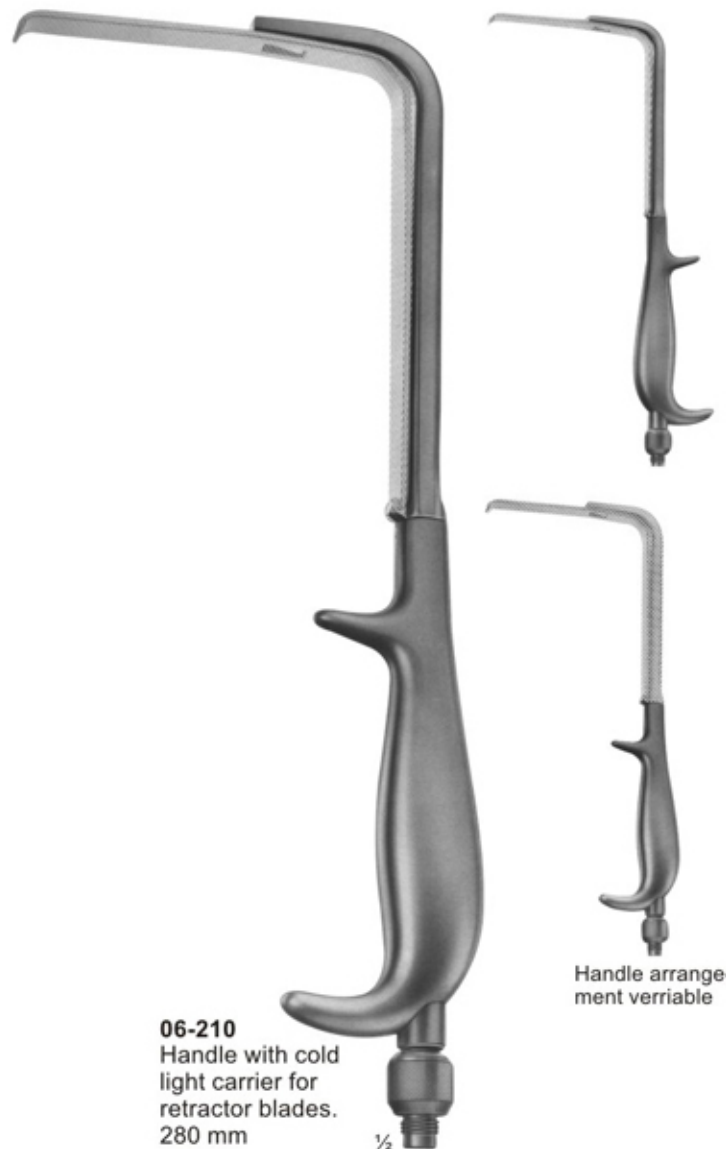
# Retractors



# Retractors, Vario Retractor System



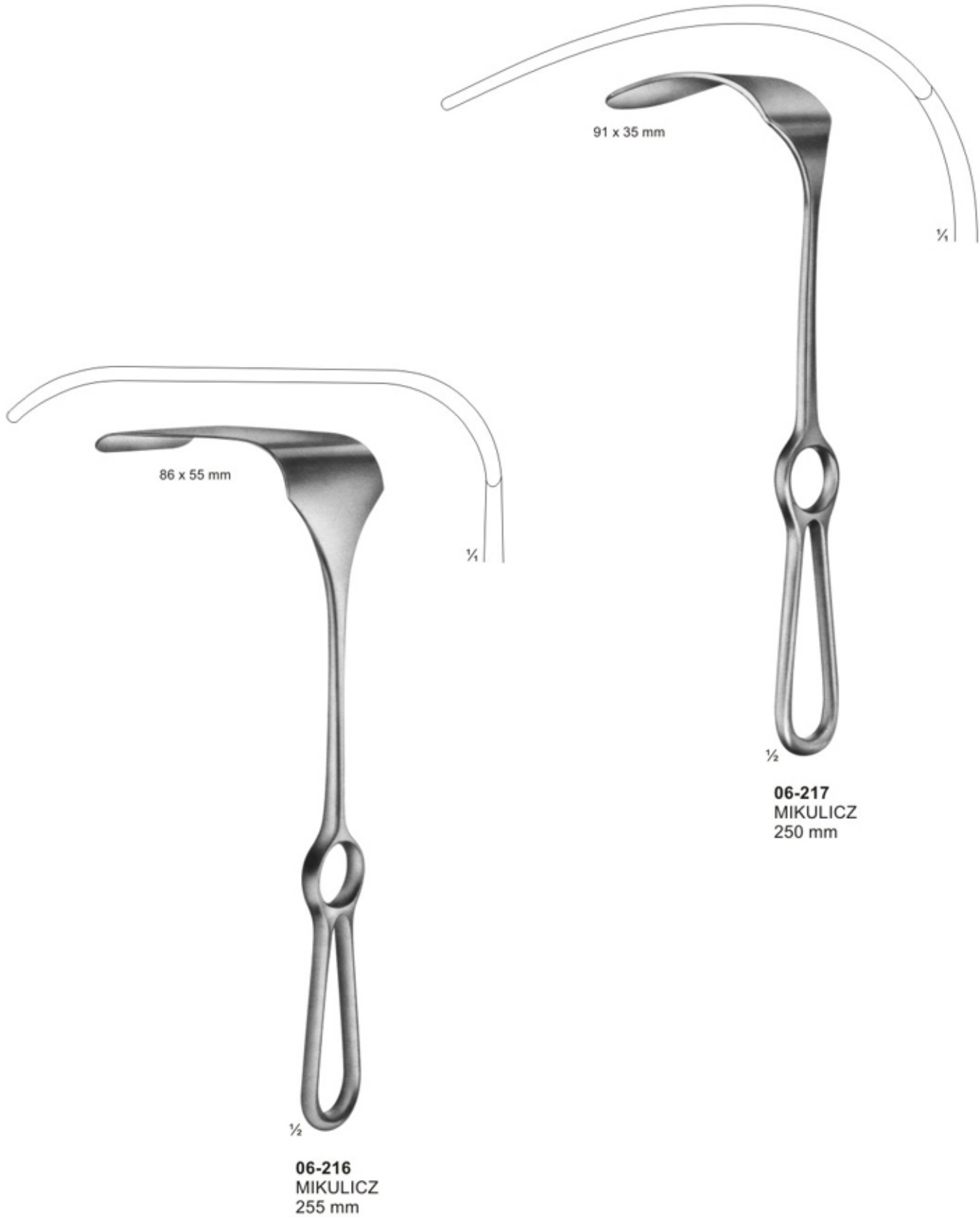
- 06-203-06-209**  
BRUNNER  
275 mm
- 06-203 80 x 20
  - 06-204 100 x 25
  - 06-205 120 x 25
  - 06-206 130 x 30
  - 06-207 140 x 30
  - 06-208 160 x 30
  - 06-209 180 x 30



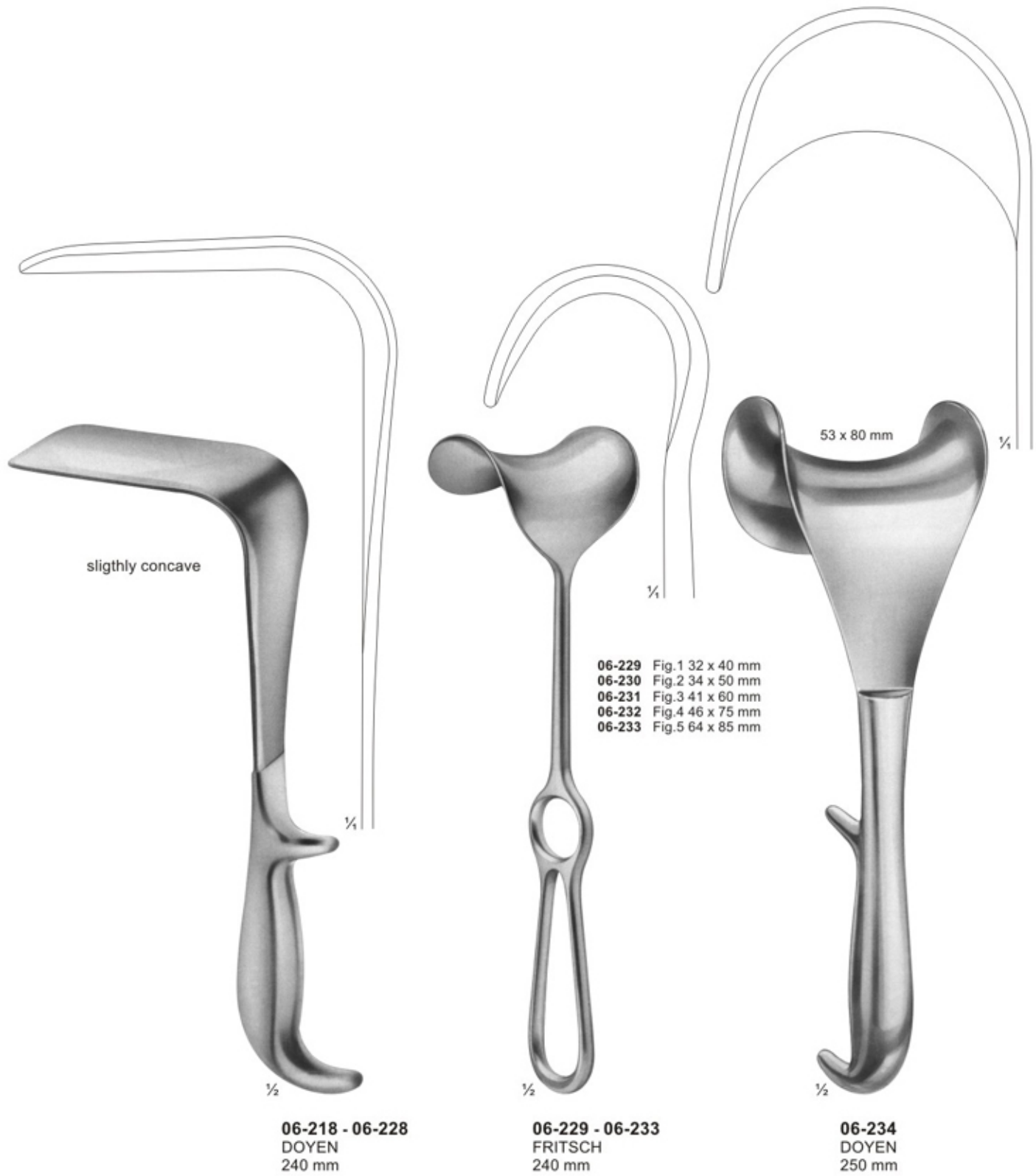
## Retractors, Lung Spatulas



**Retractors for deep surgery**  
**(Abdominal Retractors)**



## Retractors, Abdominal Retractors



	width of blades	35 mm, 45 mm, 60 mm
length of blades	06-218, 06-222, 06-226	62 mm
	06-219, 06-223, 06-227	92 mm
	06-220, 06-224, 06-228	122 mm
	06-221, 06-225	160 mm

**Abdominal- and Intestinal Spatulas**  
**Bauch- und Darmspatel**



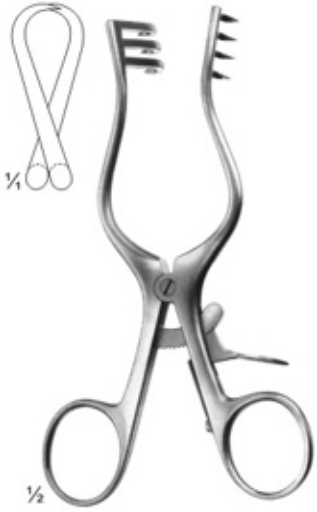
**06-235**  
LERICHE  
255 mm

**06-236**  
KUMMEL  
Mealleable  
285 mm

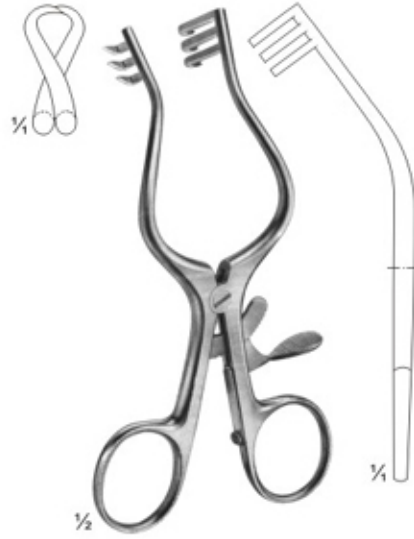
**06-237**  
MIKULICZ  
29 mm  
250 mm

**06-238 - 06-239**  
KADER  
**06-238** 30 mm  
**06-239** 40 mm  
270 mm

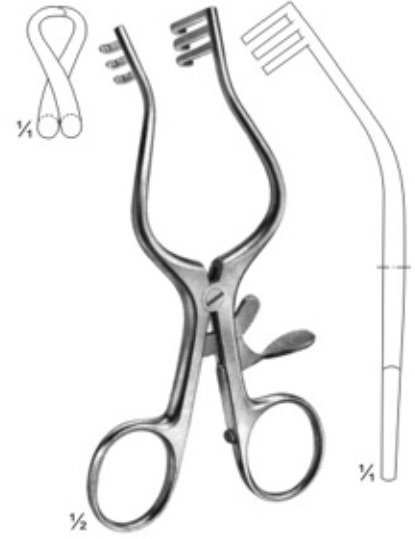
## Self-Retaining Retractors



**06-240**  
WEITLANER  
sharp  
130 mm



**06-241**  
WULLSTEIN  
sharp  
130 mm



**06-242**  
WULLSTEIN  
blunt  
130 mm



**06-243**  
WEITLANER  
sharp  
165 mm



**06-244**  
PLESTER  
blunt  
110 mm

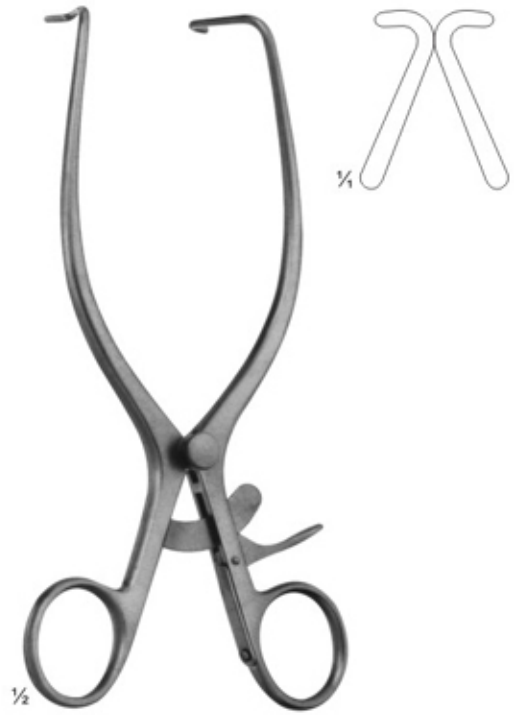


**06-245**  
PERKINS  
130 mm

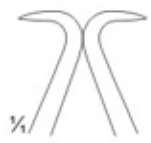
**Special Retractors**



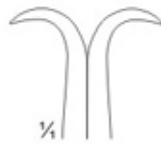
**06-246**  
**JOLL ( FRIEDMAN )**  
Thyroid- and vaginal retractor  
155 mm



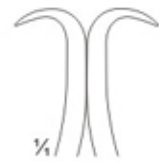
**06-247**  
**JACKSON BURROWS**  
Retractor, blunt  
185 mm



**06-248**  
**GELPI**  
Vaginal retractor  
135 mm



**06-249**  
**GELPI**  
Skin- and vaginal retractor  
175 mm



**06-250**  
**DE BAKEY**  
Femur retractor  
145 mm

## Lamina Spreaders



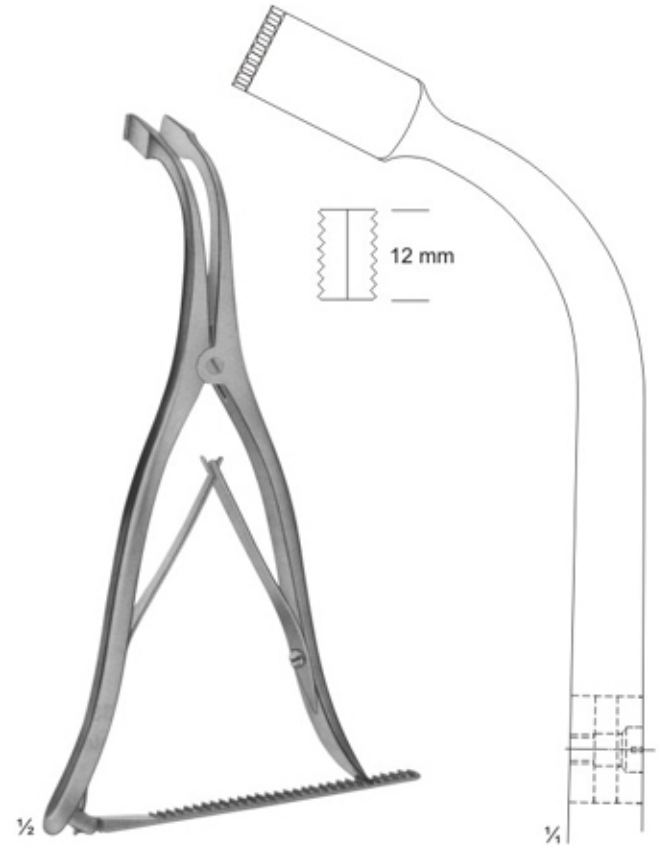
**06-251**  
CLOWARD  
155 mm



**06-252**  
CLOWARD  
135 mm



**06-253**  
INGE  
170 mm

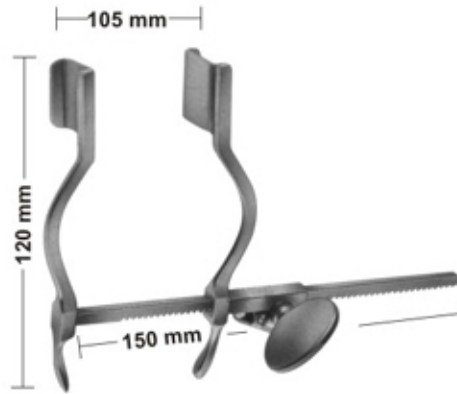


**06-254**  
INGE  
275 mm

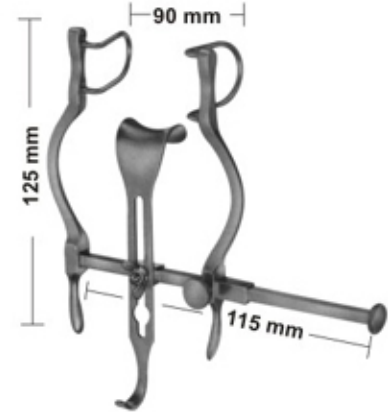
## Abdominal Retractors



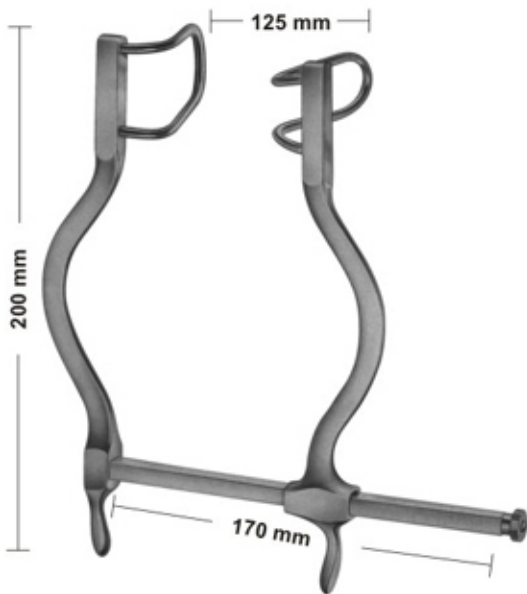
**06-255**  
**GOSSET**  
Blades: 38 mm deep



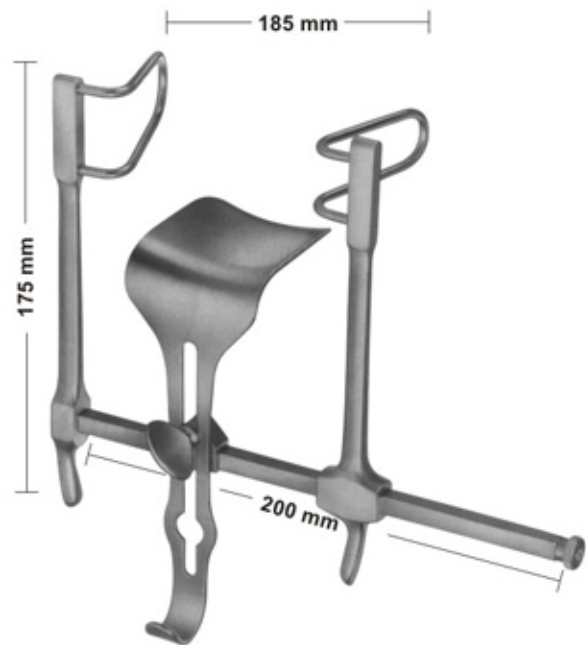
**06-256**  
**HERTZLER**  
Blades 20 X 25 mm



**06-257**  
**BALFOUR-BABY**  
Lateral blades 27 mm deep  
Center blade 21x24 mm

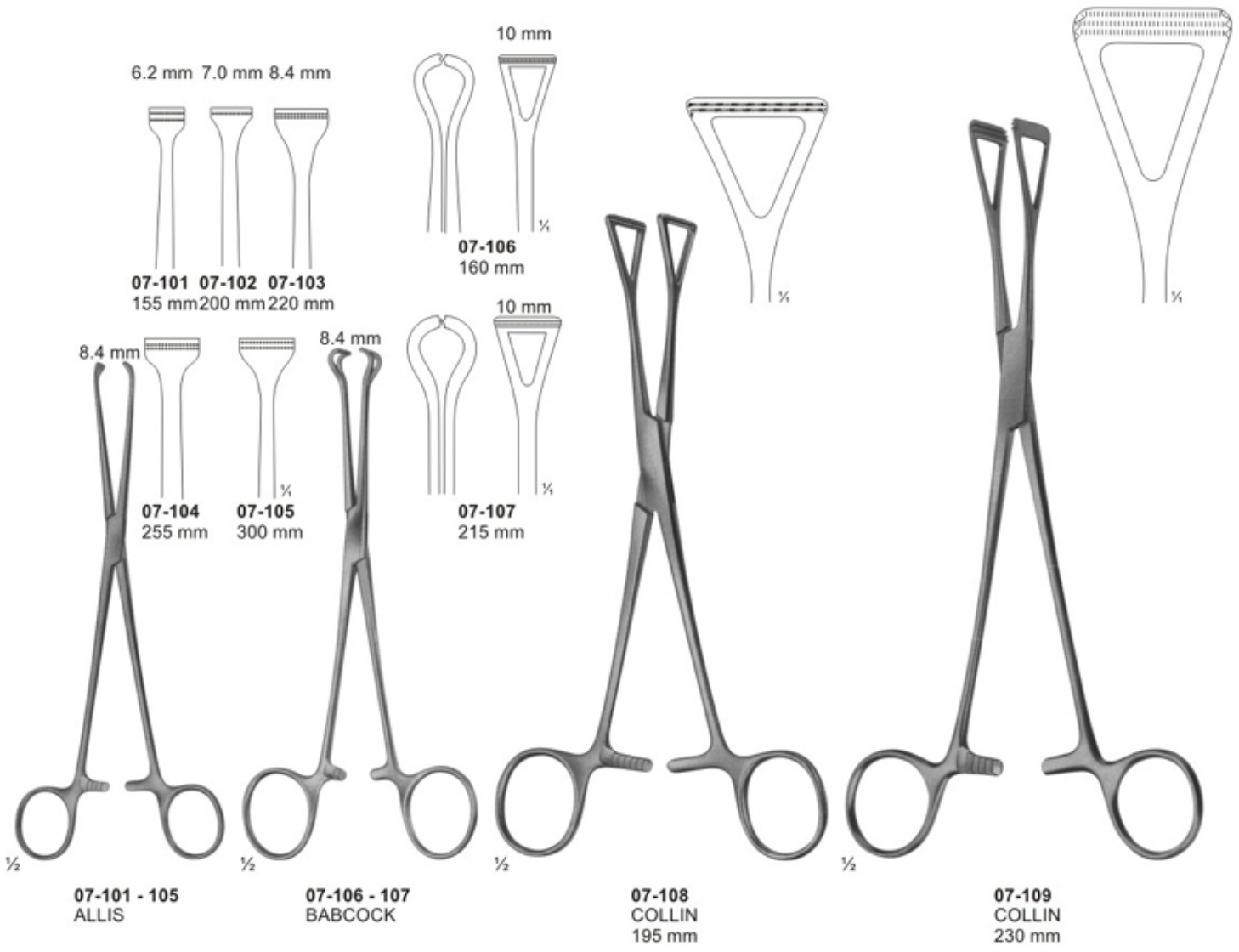


**06-258**  
**GOSSET**  
Blades: 55 mm deep



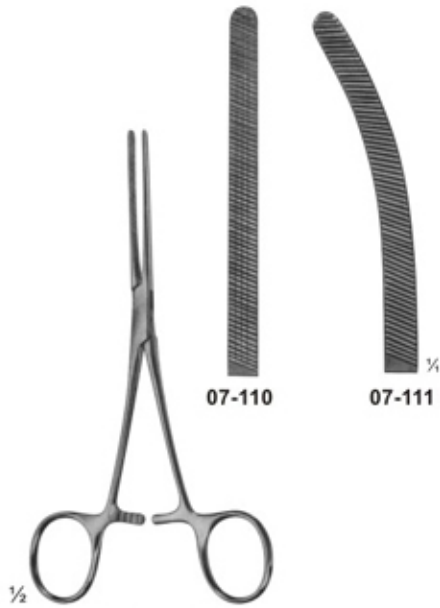
**06-259**  
**GOSSET**  
Lateral blades 58 mm deep  
Center blade 59 x 57 mm

# Organ-, Tissue and Intestinal Grasping Forceps

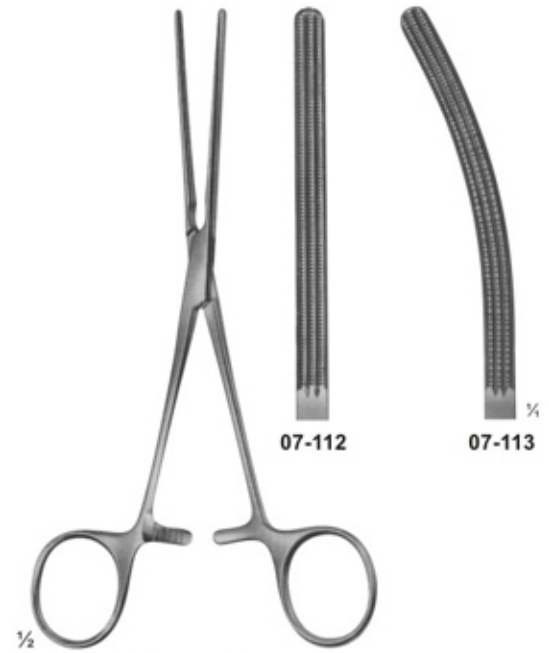


**Intestinal Clamps, soft elastic**

**ATRAUMATA**

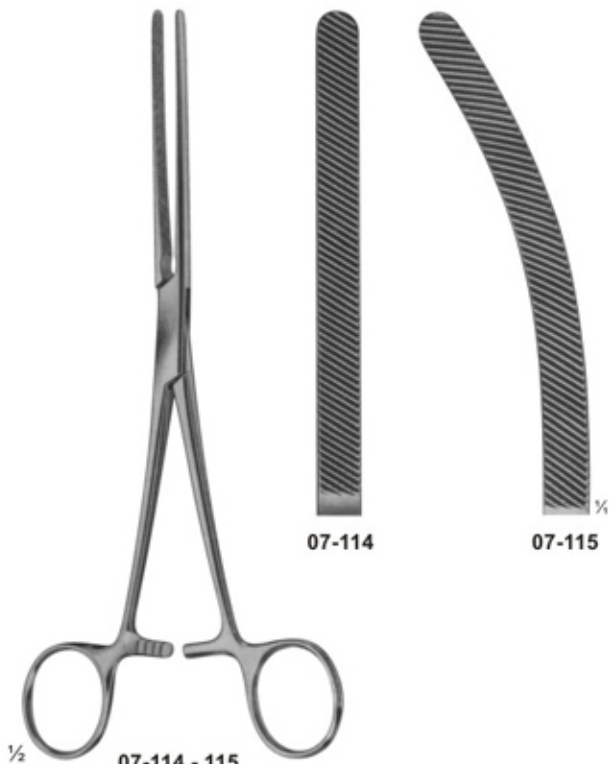


**07-110 - 111**  
**DOYEN**  
elastic  
165 mm

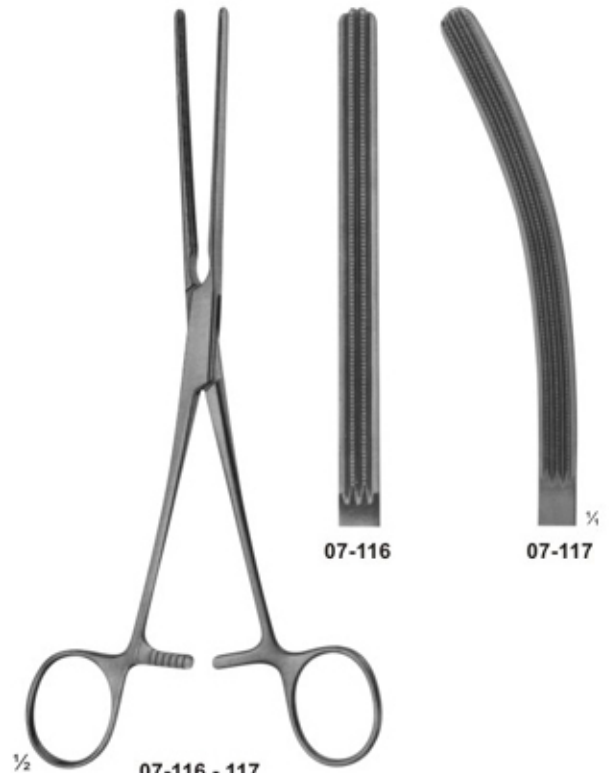


**07-112 - 113**  
**DOYEN**  
with elastic blades  
170 mm

**ATRAUMATA**



**07-114 - 115**  
**HARTMANN**  
with elastic blades  
200 mm



**07-116 - 117**  
**HARTMANN**  
with elastic blades  
200 mm

## Intestinal and Pylorus Clamps



½  
**07-118**  
PAYR  
Intestinal clamp  
light pattern,  
for children  
180 mm

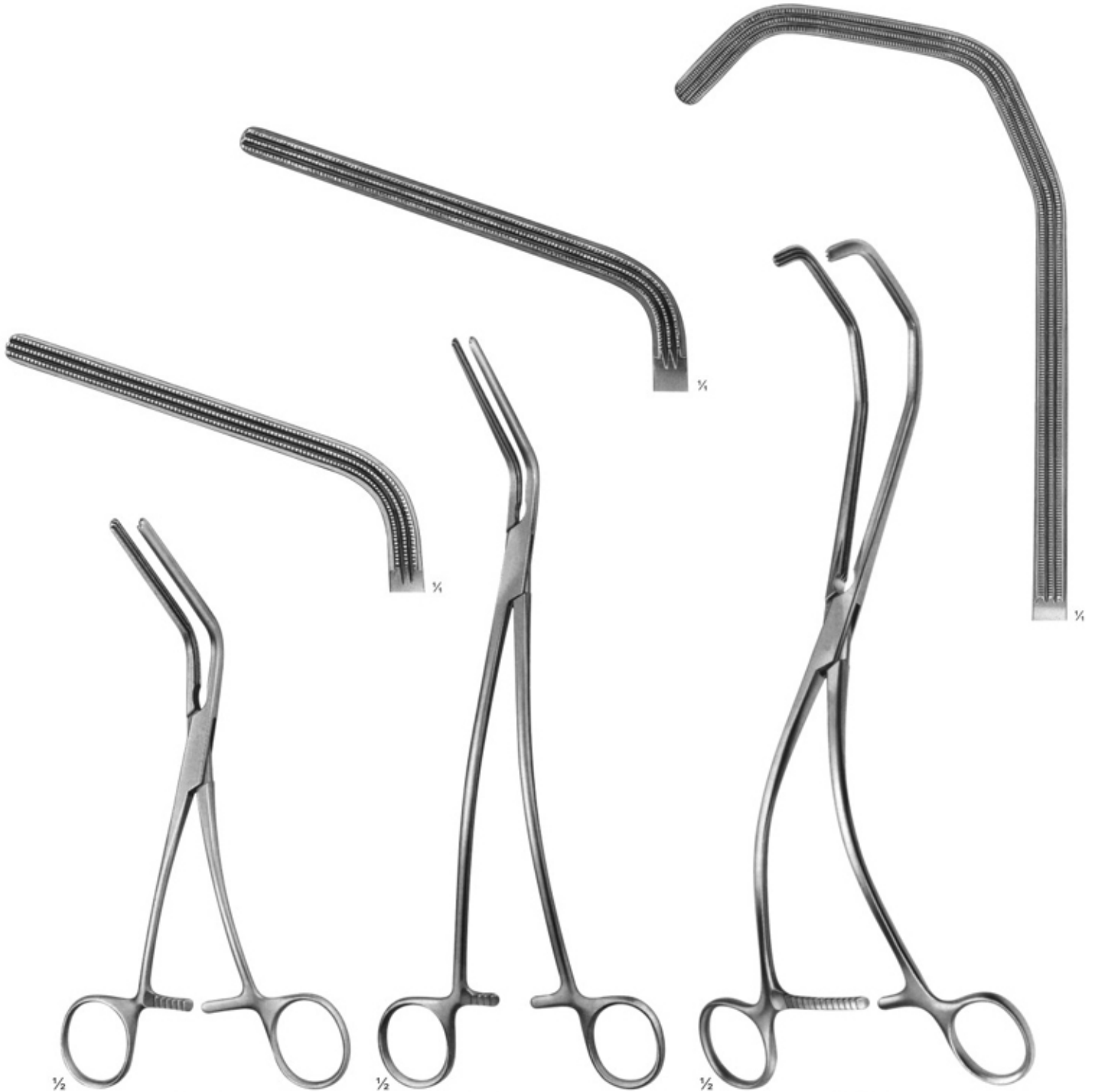
½  
**07-119**  
PAYR  
200 mm

½  
**07-120**  
PAYR  
275 mm

½  
**07-121**  
PAYR  
Pylorus clamp  
315 mm

**ATRAUMATA**

**Sigmoid Anastomosis Forceps**



**07-122**  
**MORRIS**  
175 mm

**07-123**  
**DE BAKEY**  
(MORRIS modif.)  
240 mm

**07-124**  
**KERSTING**  
270 mm

# Nasal Specula



**08-101**  
Martin  
13 cm / 5 1/8"



**08-102**  
SIMS  
160 mm



**08-103**  
Tieck-Halle  
13 cm / 5 1/8"



**08-104**  
Killian

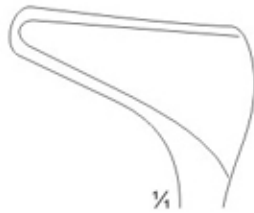


Fig. 1  
14 cm 5 4/8"  
35 mm

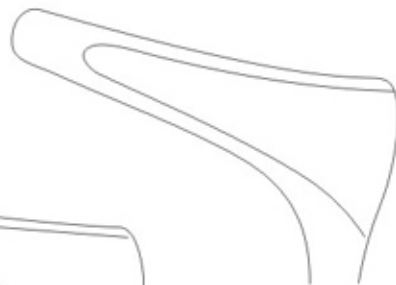


Fig. 2  
14,5 cm / 5 4/8"  
50 mm

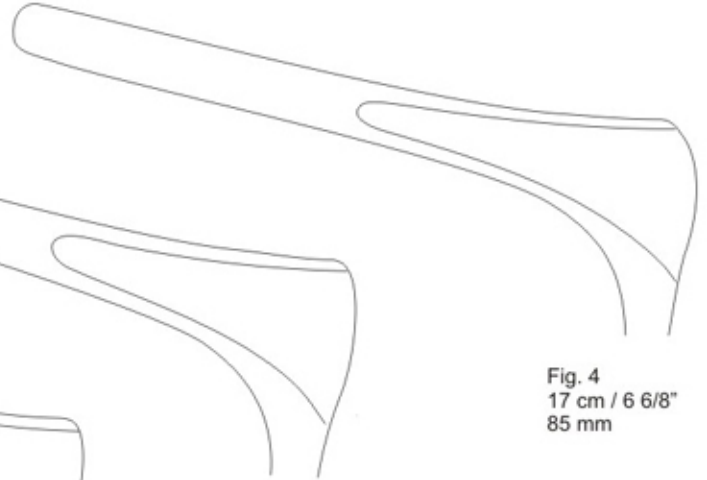


Fig. 3  
16 cm / 6 2/8"  
75 mm

Fig. 4  
17 cm / 6 6/8"  
85 mm

# Nasal Specula



**08-105**  
Cottle

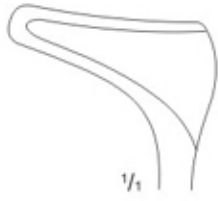


Fig. 1  
13,5 cm / 5 3/8"  
35 mm

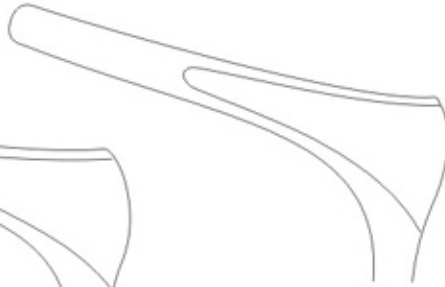


Fig. 2  
14 cm / 5 4/8"  
50 mm

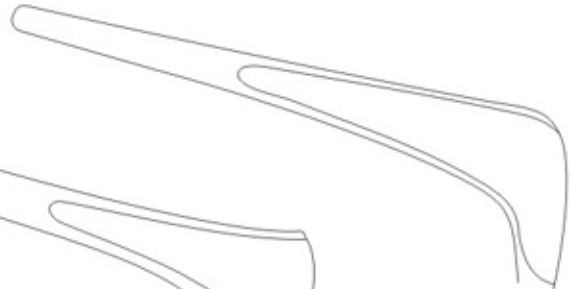


Fig. 3  
16 cm / 6 2/8"  
75 mm

Fig. 4  
16 cm / 6 2/8"  
85 mm



**08-106**  
Goldsmith (Thudichum)  
6,5 cm / 2 4/8"

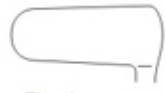


Fig. 1  
21,0 x 9,5 mm



Fig. 2  
21,0 x 10,5 mm



Fig. 3  
21,0 x 11,5 mm



**08-107**  
Mod. Wien 2  
13,5 cm / 5 7/8"

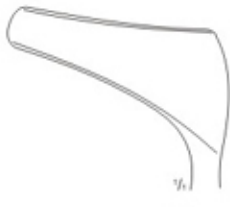


Fig. 1  
30 mm



**08-108**  
Hartmann-Halle  
16 cm / 6 7/8"



Fig. 1  
27 mm



Fig. 2  
31 mm

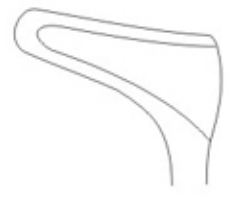


Fig. 3  
35 mm

## Anuscopy-Sphincteroscopes



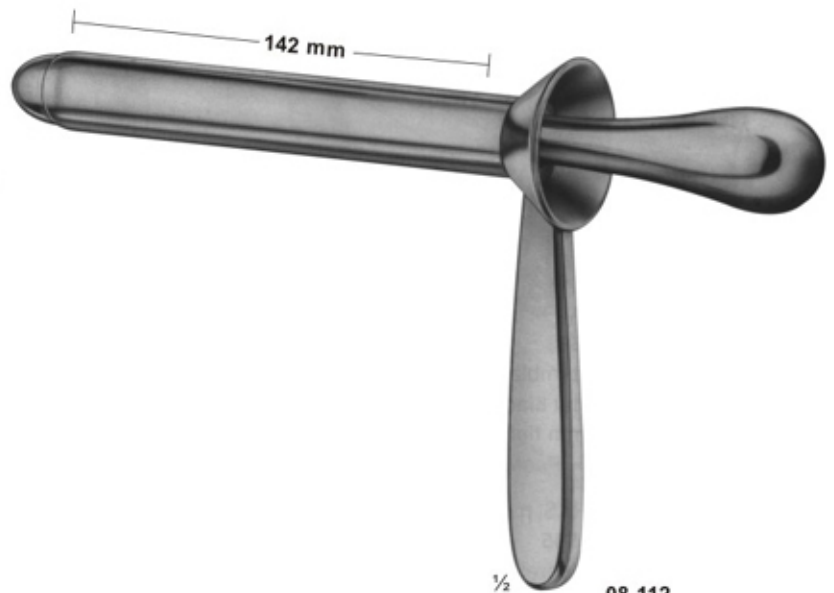
**08-109**  
IVES-FANSLER  
Anuscopy  
145 mm  
Ø24mm



**08-110**  
KELLY  
Sphincteroscope  
160 mm  
Ø21mm



**08-111**  
KELLY  
Sphincteroscope  
160 mm  
Ø27mm

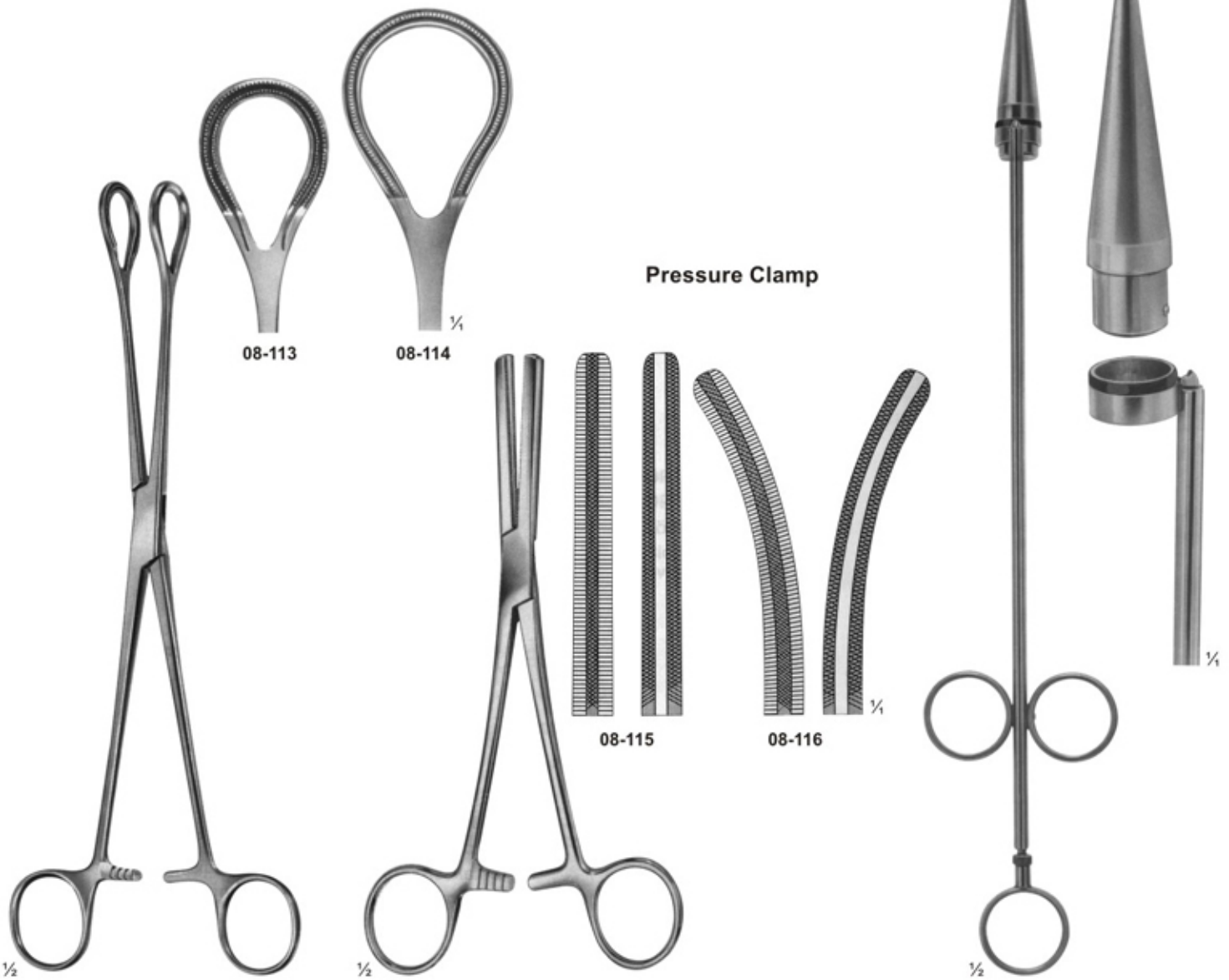


**08-112**  
KELLY  
Proctoscope  
140 mm  
Ø22mm

# Haemorrhoidal Forceps

## ATRAUMATA

## Pressure Clamp



**08-113 - 08-114**  
250 mm  
08-114  
270 mm

**08-115 - 08-116**  
FERGUSON  
200 mm

**08-117**  
RUDD  
Haemorrhoidal ligator  
with loading  
attachment and 100  
ligature rubber rings  
315 mm

## Gall Duct Forceps



**08-118**  
LOWER  
180 mm



**08-119**  
LAHEY ( SWEET )  
190 mm



**08-120**  
LAHEY  
220 mm

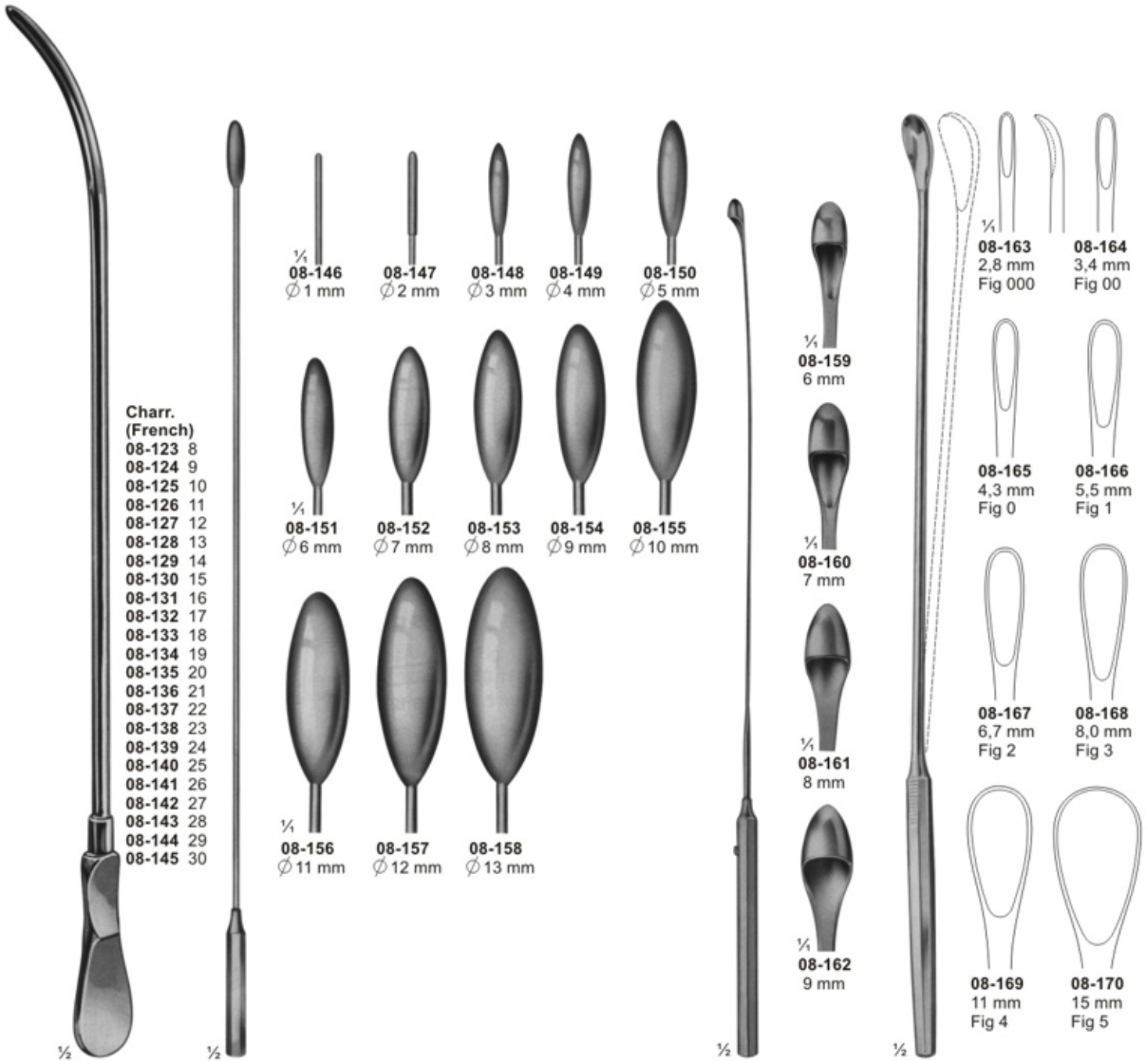


**08-121**  
DESJARDINS  
Gall duct-and cystic forceps  
210 mm



**08-122**  
NISSEN  
Gall duct-and cystic forceps  
215 mm

## Gall Duct Dilators and Gall Stone Scoops



**Charr.  
(French)**  
08-123 8  
08-124 9  
08-125 10  
08-126 11  
08-127 12  
08-128 13  
08-129 14  
08-130 15  
08-131 16  
08-132 17  
08-133 18  
08-134 19  
08-135 20  
08-136 21  
08-137 22  
08-138 23  
08-139 24  
08-140 25  
08-141 26  
08-142 27  
08-143 28  
08-144 29  
08-145 30

1/4  
08-146  
Ø 1 mm

08-147  
Ø 2 mm

08-148  
Ø 3 mm

08-149  
Ø 4 mm

08-150  
Ø 5 mm

1/4  
08-151  
Ø 6 mm

08-152  
Ø 7 mm

08-153  
Ø 8 mm

08-154  
Ø 9 mm

08-155  
Ø 10 mm

1/4  
08-156  
Ø 11 mm

08-157  
Ø 12 mm

08-158  
Ø 13 mm

1/4  
08-159  
6 mm

1/4  
08-160  
7 mm

1/4  
08-161  
8 mm

1/4  
08-162  
9 mm

1/4  
08-163  
2,8 mm  
Fig 000

08-164  
3,4 mm  
Fig 00

08-165  
4,3 mm  
Fig 0

08-166  
5,5 mm  
Fig 1

08-167  
6,7 mm  
Fig 2

08-168  
8,0 mm  
Fig 3

08-169  
11 mm  
Fig 4

08-170  
15 mm  
Fig 5

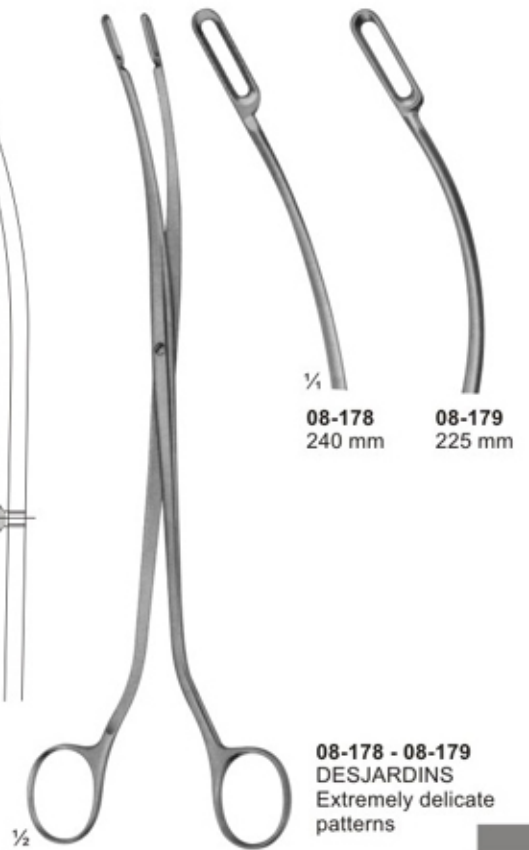
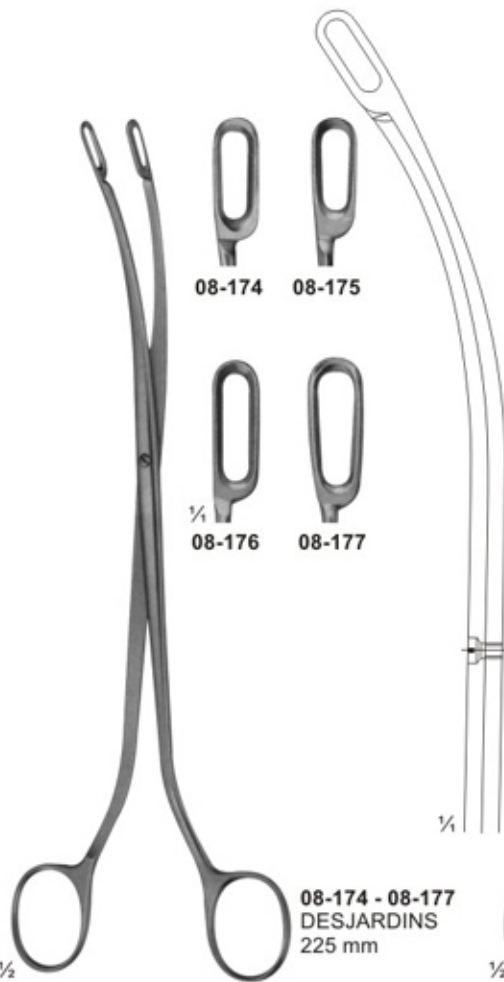
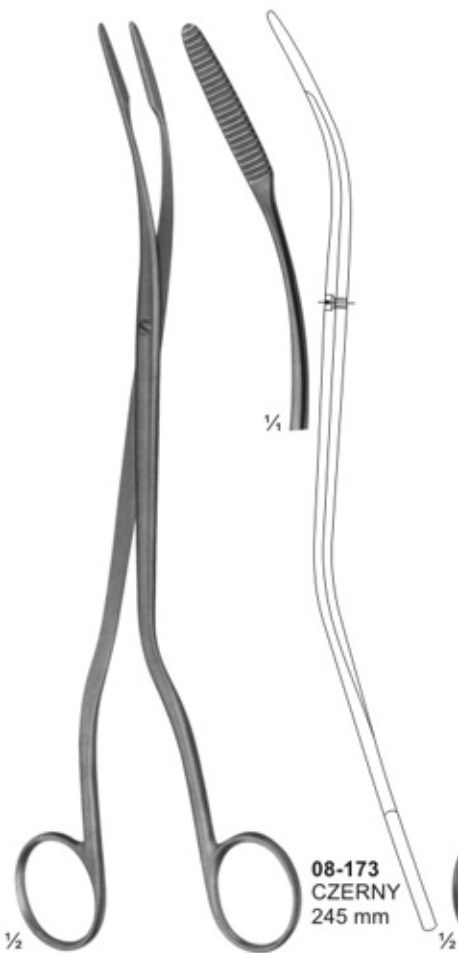
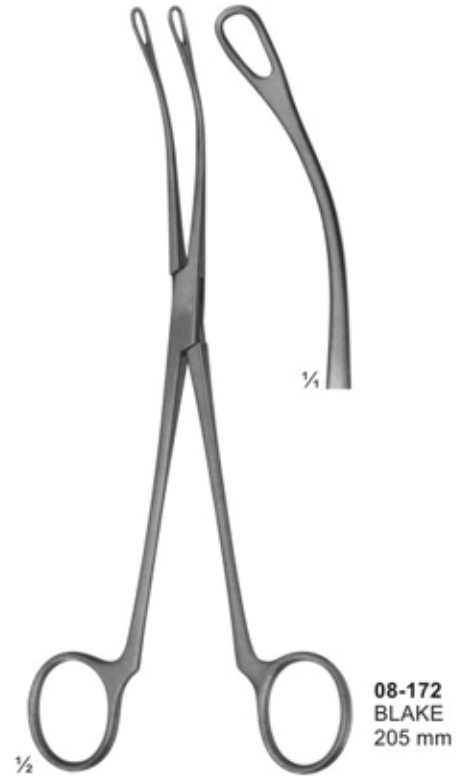
**08-123 - 08-145**  
**DITTEL**  
Metall bougies and  
dilating sounds, stiff  
345 mm

**08-146 - 08-158**  
**BAKES**  
Common bile duct  
dilators, malleable  
**08-146 - 08-150** 315 mm  
**08-151 - 08-158** 320 mm

**08-159 - 08-162**  
**DESJARDINS**  
Probe and catch  
with flexible shaft  
300 mm

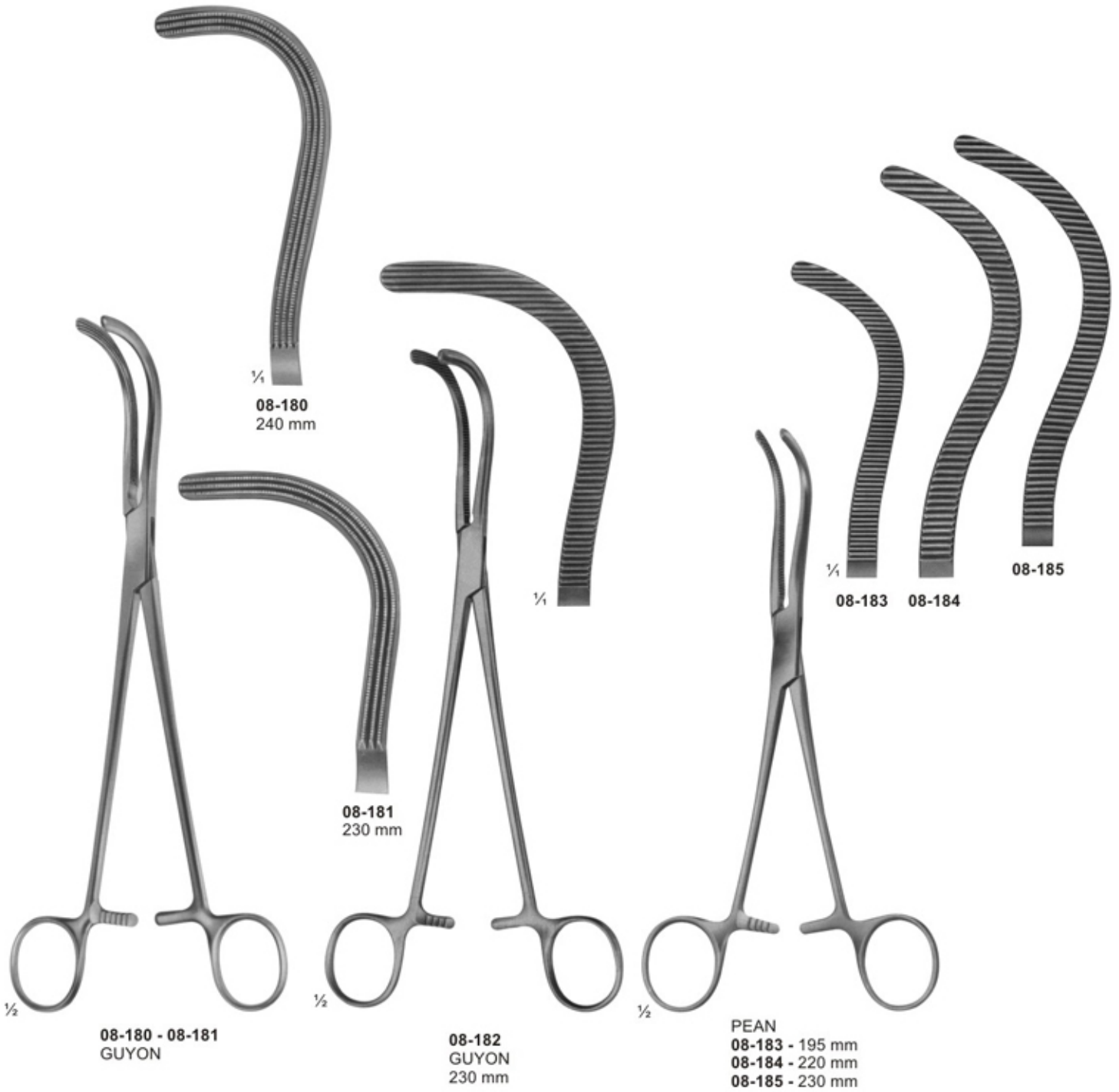
**08-163 - 08-170**  
**LUER-KOERTE modif**  
with malleable shaft  
310 mm

## Gall Stone Forceps



# Kidney Clamps

## ATRAUMATA



# Kidney Stone Forceps



08-186



08-187



08-188



1/4  
08-189



08-190



08-191



1/4  
08-192



1/2

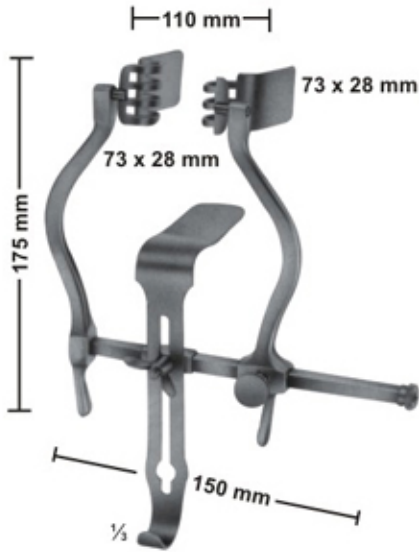
08-186 - 08-189  
RANDALL  
225 mm



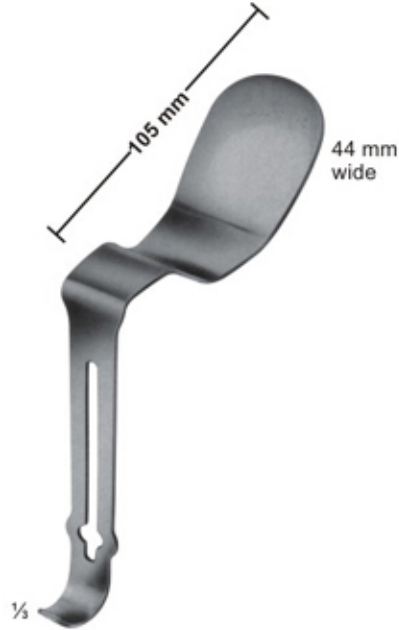
1/2

08-190 - 08-192  
RANDALL  
190 mm

# Bladder Retractors



**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



**09-106**  
**KLIMA ROSEGGER**  
35 X 1,8 mm  
Sternal puncture needle



**09-107**  
Universal trocar  
with 4 tips



**NELSON**



**09-108 - 112**  
Inside diam. Outside diam  
**09-108** 2,2 mm 3,0 mm  
**09-109** 3,0 mm 4,0 mm  
**09-110** 4,0 mm 5,0 mm  
**09-111** 5,0 mm 6,0 mm  
**09-112** 5,5 mm 6,5 mm  
for hydrocele and abdominal  
puncture

**09-113 - 116**  
Inside dime. Outside dime  
**09-113** 2,2 mm 3,0 mm  
**09-114** 3,0 mm 4,0 mm  
**09-115** 4,0 mm 5,0 mm  
**09-116** 5,0 mm 6,0 mm  
for abdominal puncture,  
with stop-cock and lateral  
drain



**09-117 - 118**  
Inside diam. Outside diam  
**09-117** 6,5 mm 8,0 mm  
**09-118** 9,0 mm 10,0 mm  
Empyema trocar  
**BUELEU**



**09-119 - 122**  
Inside diam. Outside diam  
**09-119** 3,0 mm 4,0 mm  
**09-120** 3,6 mm 4,6 mm  
**09-121** 4,3 mm 5,3 mm  
**09-122** 5,0 mm 6,0 mm  
Gall bladder trocars. **OCHSNER**



**09-123**  
**PIERCE**  
Antrum trocar  
Ø 4,0 mm

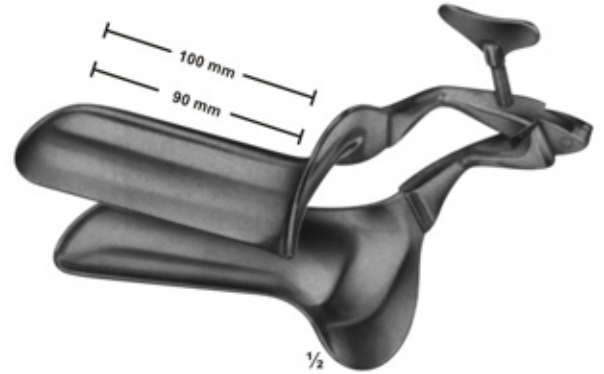


**09-124**  
**COAKLEY**  
Antrum trocar  
3,0 mm

## Vaginal Specula



**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



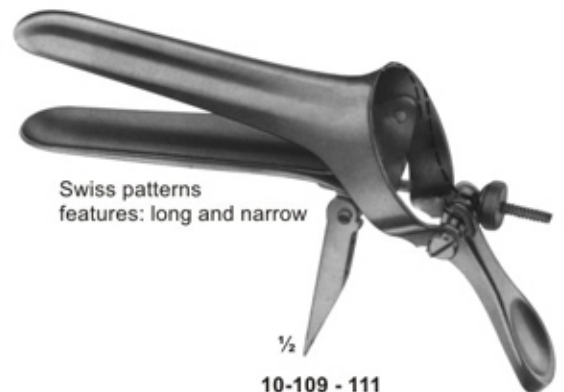
**10-106**  
COLLIN  
for virgins  
95/85 x 18 mm



**10-107**  
CUSCO  
for virgins  
75 x 17 mm



**10-108**  
CUSCO  
for virgins  
75 x 17 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- Sets, upper and lower blades**



**10-112 - 114**  
**GRAVE**  
10-112 75X20 mm  
10-113 95X30 mm  
10-114 105X33 mm

½



**10-115 - 116**  
**PEDERSON**  
10-115 100X22 mm  
10-116 120X25 mm

½



**10-117 - 118**  
**BRIESKY**  
10-117 72X25 mm / 77X30 mm 140 mm  
10-118 75X30 mm / 92X38 mm 170 mm

½



**10-119**  
**SIMS**  
70 X 26 mm / 75 X 30 mm  
75 X 30 mm / 80 X 35 mm  
80 X 36 mm / 90 X 40 mm  
175 mm

½



**10-120 - 122**  
**SEIDL**  
10-120 80X8 mm  
10-121 80X10 mm  
10-122 90X14 mm  
For children and infants  
170 mm

½



**10-123**  
**KRISTELLER**  
70X15 mm, ( 170 mm )  
For children

½



**10-124 - 10-126**  
**KRISTELLER**  
10-124 70X27 mm  
10-125 75X30 mm  
10-126 90X36 mm  
175 mm

½

## Vaginal Specula- upper and lower blades



**10-132** 75X10 mm  
175 mm

**10-136** 70X15 mm  
175 mm

**10-133** 75X23 mm  
180 mm

**10-137** 70X27 mm  
180 mm

**10-134** 80X25 mm  
180 mm

**10-138** 75X30 mm  
180 mm

**10-135** 100X32 mm  
185 mm

**10-139** 90X36 mm  
185 mm

**10-127 - 131**  
KRISTELLER  
10-127 110X18 mm  
10-128 110X20 mm  
10-129 110X27 mm  
10-130 110X30 mm  
10-131 110X36 mm  
220 mm

**10-132 - 10-135**  
KRISTELLER  
Upper blades

**10-136 - 10-139**  
KRISTELLER  
Lower blades

**Vaginal Specula**



**10-140**  
60 X 45 mm

**10-141**  
90 X 45 mm

**10-142**  
112 X 45 mm

**10-140 - 143**  
DOYEN  
235 mm

**10-143 - 10-153**  
DOYEN  
240 mm

	width of blades		
	35 mm	45 mm	60 mm
length of blades	60 mm	45 mm	60 mm
	90 mm	<b>10-143</b>	<b>10-146</b>
	120 mm	<b>10-144</b>	<b>10-147</b>
	160 mm	<b>10-145</b>	<b>10-148</b>
		<b>10-149</b>	<b>10-152</b>
			<b>10-153</b>

**Vaginal Retractors**



1/2

**10-154  
JOLL (FRIEDMAN)**  
155 mm



1/2

**10-155  
RICHTER**  
170 mm

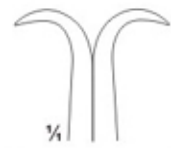


1/4



1/2

**10-156  
GELPI**  
135 mm



1/4



1/2

**10-157  
GELPI**  
175 mm

## Uterine Dilators



½

**11-101 - 143**  
HEGAR  
with very conical point  
185 mm

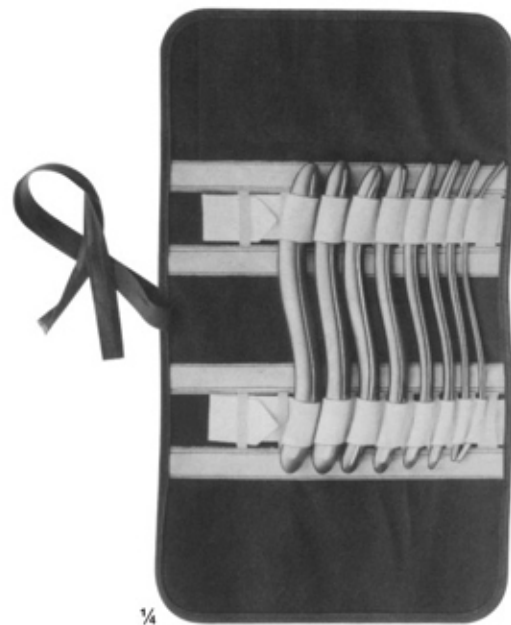
11-101	1	mm	11-123	23	mm
11-102	2	mm	11-124	24	mm
11-103	3	mm	11-125	25	mm
11-104	4	mm	11-126	26	mm
11-105	5	mm	11-127	1	½mm
11-106	6	mm	11-128	2	½mm
11-107	7	mm	11-129	3	½mm
11-108	8	mm	11-130	4	½mm
11-109	9	mm	11-131	5	½mm
11-110	10	mm	11-132	6	½mm
11-111	11	mm	11-133	7	½mm
11-112	12	mm	11-134	8	½mm
11-113	13	mm	11-135	9	½mm
11-114	14	mm	11-136	10	½mm
11-115	15	mm	11-137	11	½mm
11-116	16	mm	11-138	12	½mm
11-117	17	mm	11-139	13	½mm
11-118	18	mm	11-140	14	½mm
11-119	19	mm	11-141	15	½mm
11-120	20	mm	11-142	16	½mm
11-121	21	mm	11-143	17	½mm
11-122	22	mm			



½

**11-144 - 152**  
HEGAR  
205 mm

11-144	1+2	mm
11-145	3+4	mm
11-146	5+6	mm
11-147	7+8	mm
11-148	9+10	mm
11-149	11+12	mm
11-150	13+14	mm
11-151	15+16	mm
11-152	17+18	mm



¼

**11-153**  
HEGAR  
Uterine dilator set, in canvas  
roll with 8 dilators.

## Uterine Probes



**11-154**  
MAYO  
malleable  
330 mm



**11-155**  
SIMS  
malleable  
330 mm



**11-156**  
MARTIN  
330 mm



**11-157**  
SIMPSON  
malleable  
silver-plated  
290 mm



**11-158**  
BRAUN  
Uterine  
depressor  
270 mm



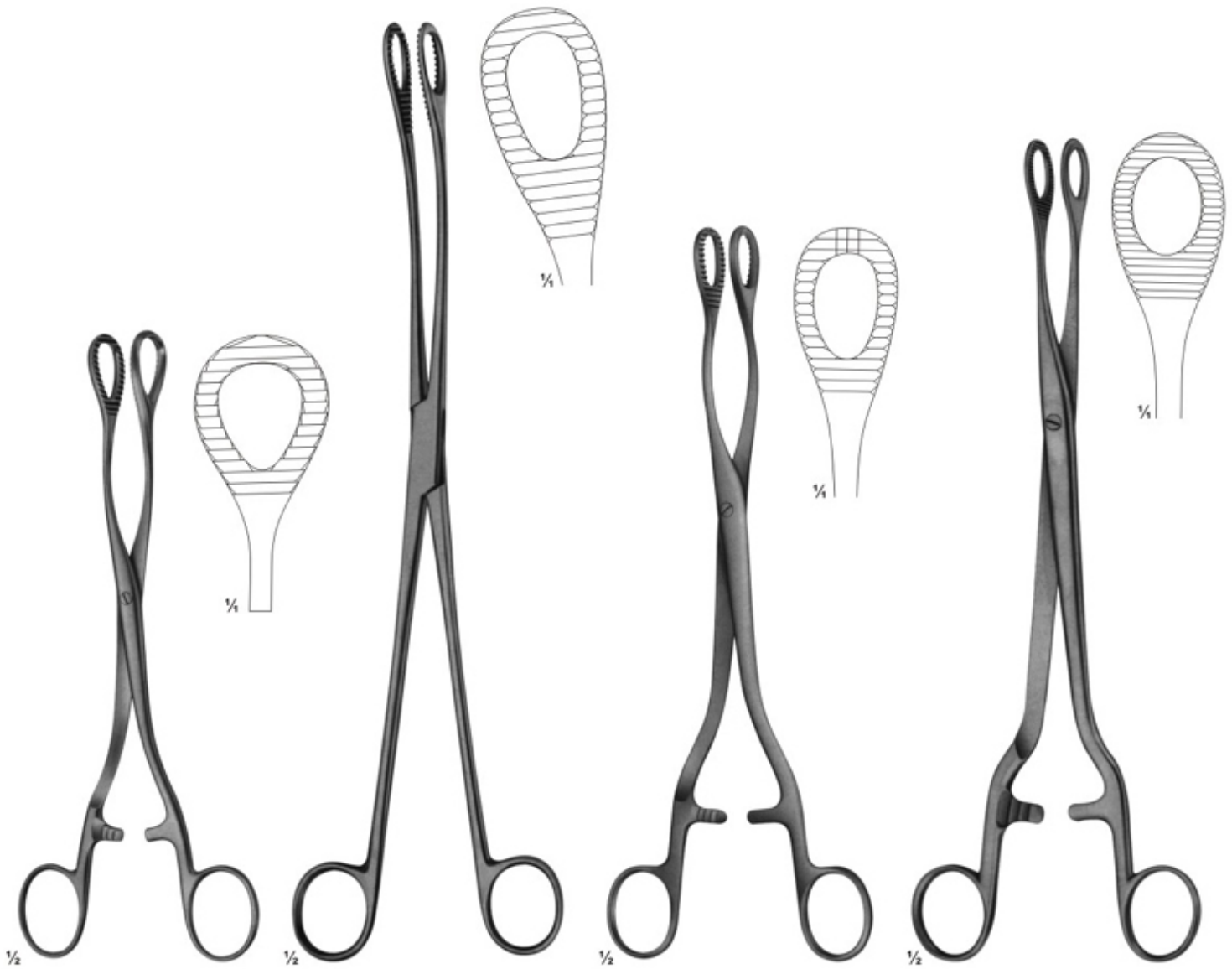
**11-159**  
Cotton  
applicator  
270 mm

## Uterine Dressing Forceps



Jaws with longitudinal groove

**Polypus-and Ovum Forceps**



**11-164**  
HEYWOOD-SMITH  
200 mm

**11-165**  
KELLY  
320 mm

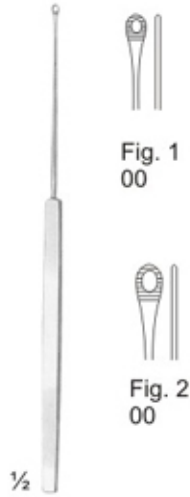
**11-166**  
HEYWOOD-SMITH  
250 mm

**11-167**  
NOTO  
280 mm

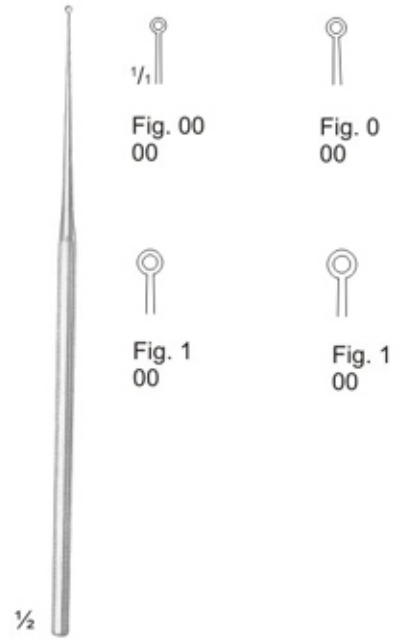
# Ear Currettes



**12-101**  
Langenbeck  
13 cm / 5 1/8"



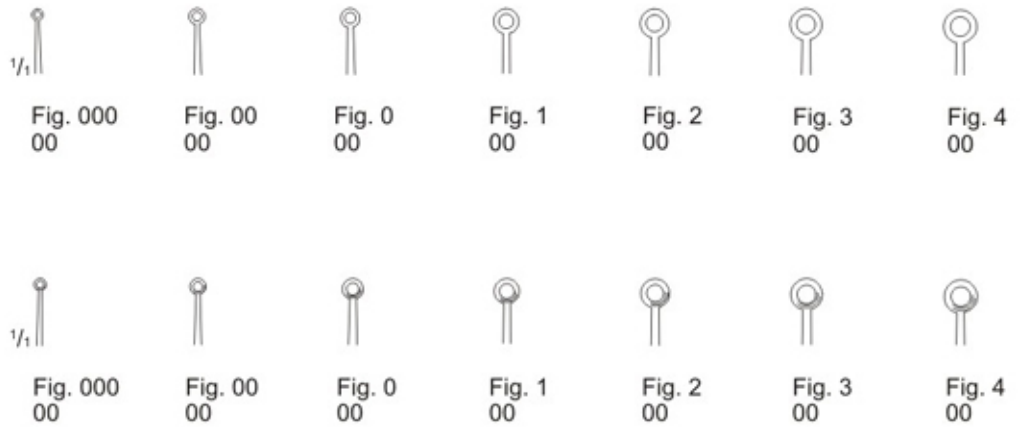
**12-102**  
Shapleigh  
15 cm / 5 1/8"



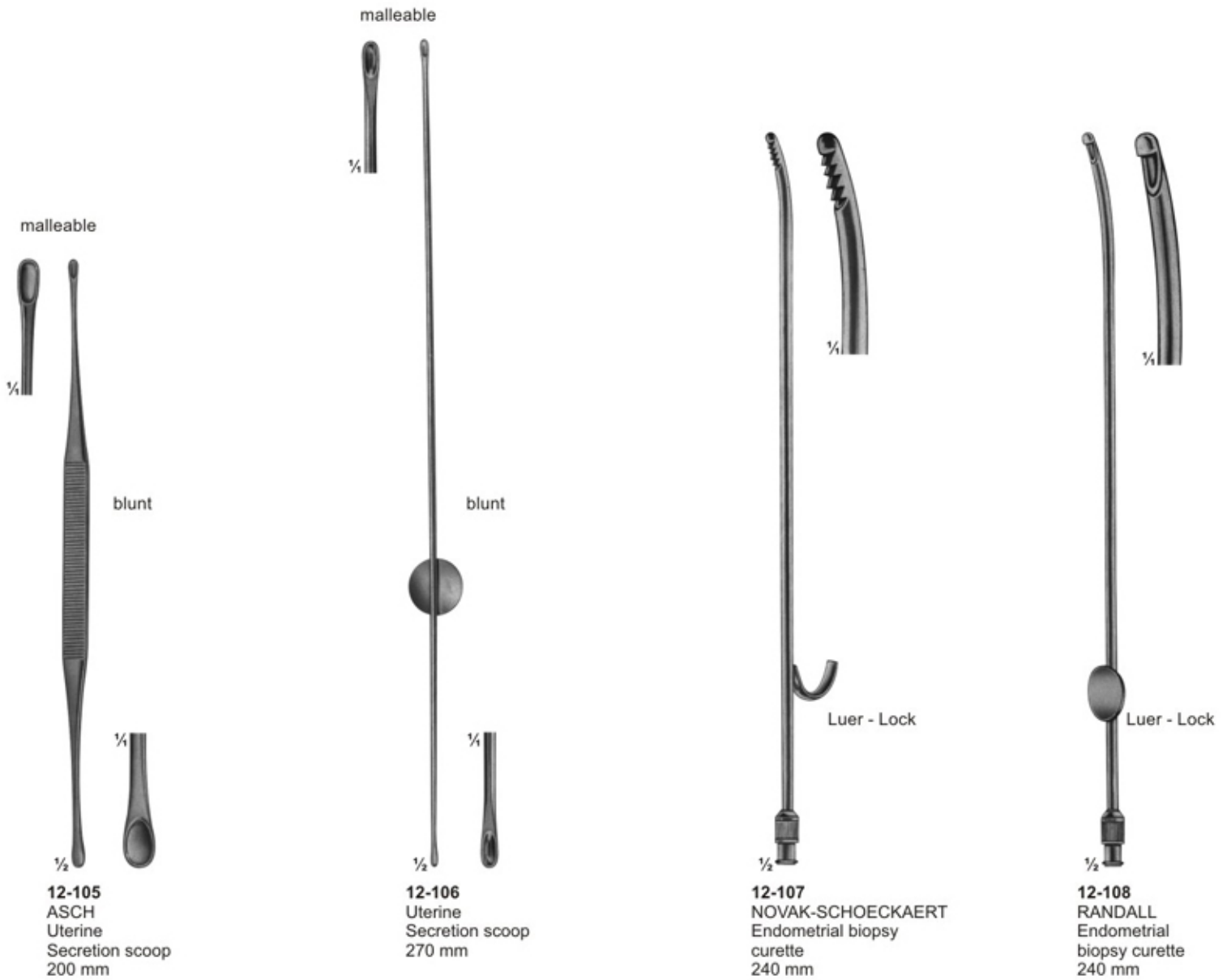
**12-103**  
Buck  
17cm / 6 6/8"



**12-104**  
Buck  
15 cm / 6 6/8"



## Biopsy Curettes



## Ear Polypus Forceps



**12-109**  
Hartmann-Wullstein  
shaft length  
85 mm



**12-110**  
Hartmann-Wullstein  
shaft length  
85 mm

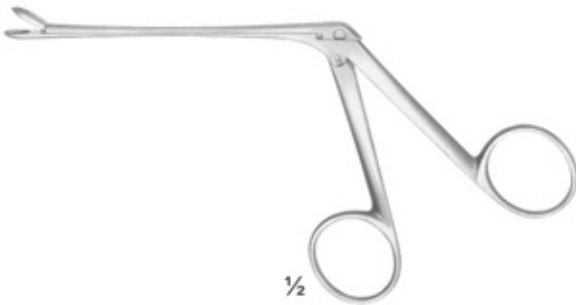


**12-111**  
Hartmann  
shaft length  
85 mm



**12-112**  
Hartmann  
shaft length  
85 mm

**12-113**  
14 cm / 5 4/8"  
shaft length  
140 mm



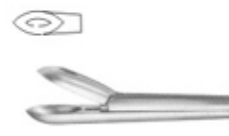
**12-109 - 12-119**



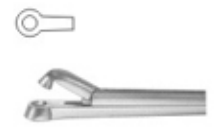
**12-114**  
Hartmann-Herzfelr  
2,0 mm  
shaft length  
85mm



**12-115**  
Hartmann  
3 mm  
shaft length  
85mm



**12-116**  
shaft length  
85mm

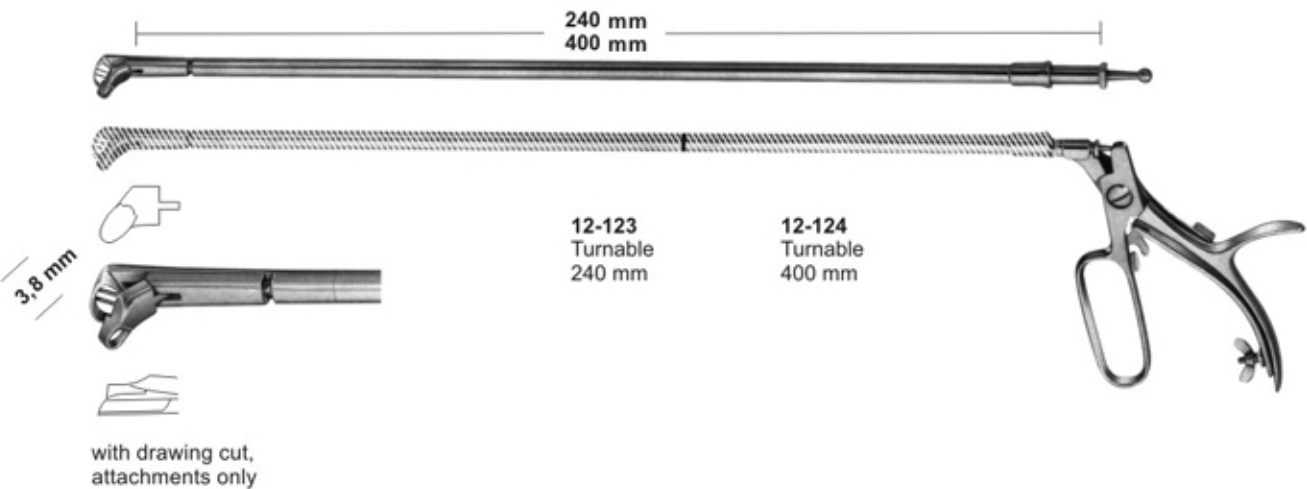
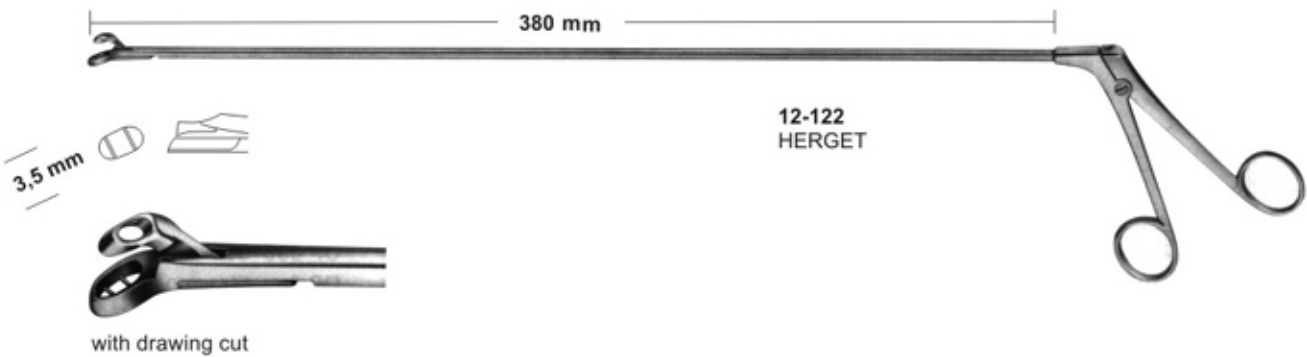
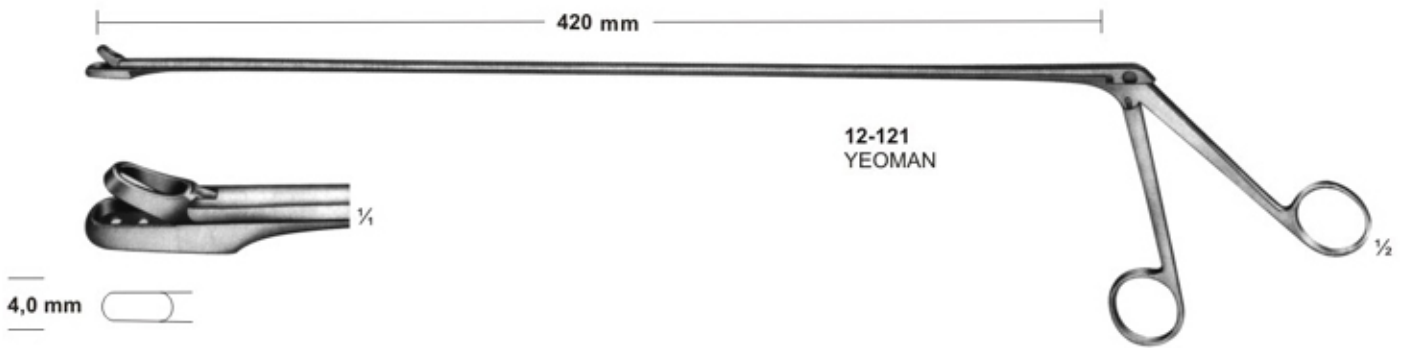
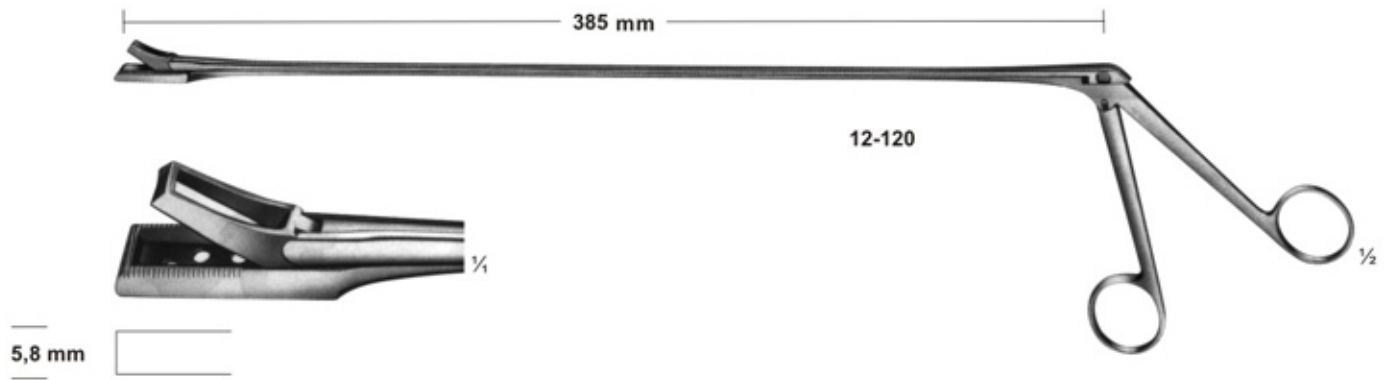


**12-117**  
Hartmann-Hoffmar  
2,0 mm  
85mm

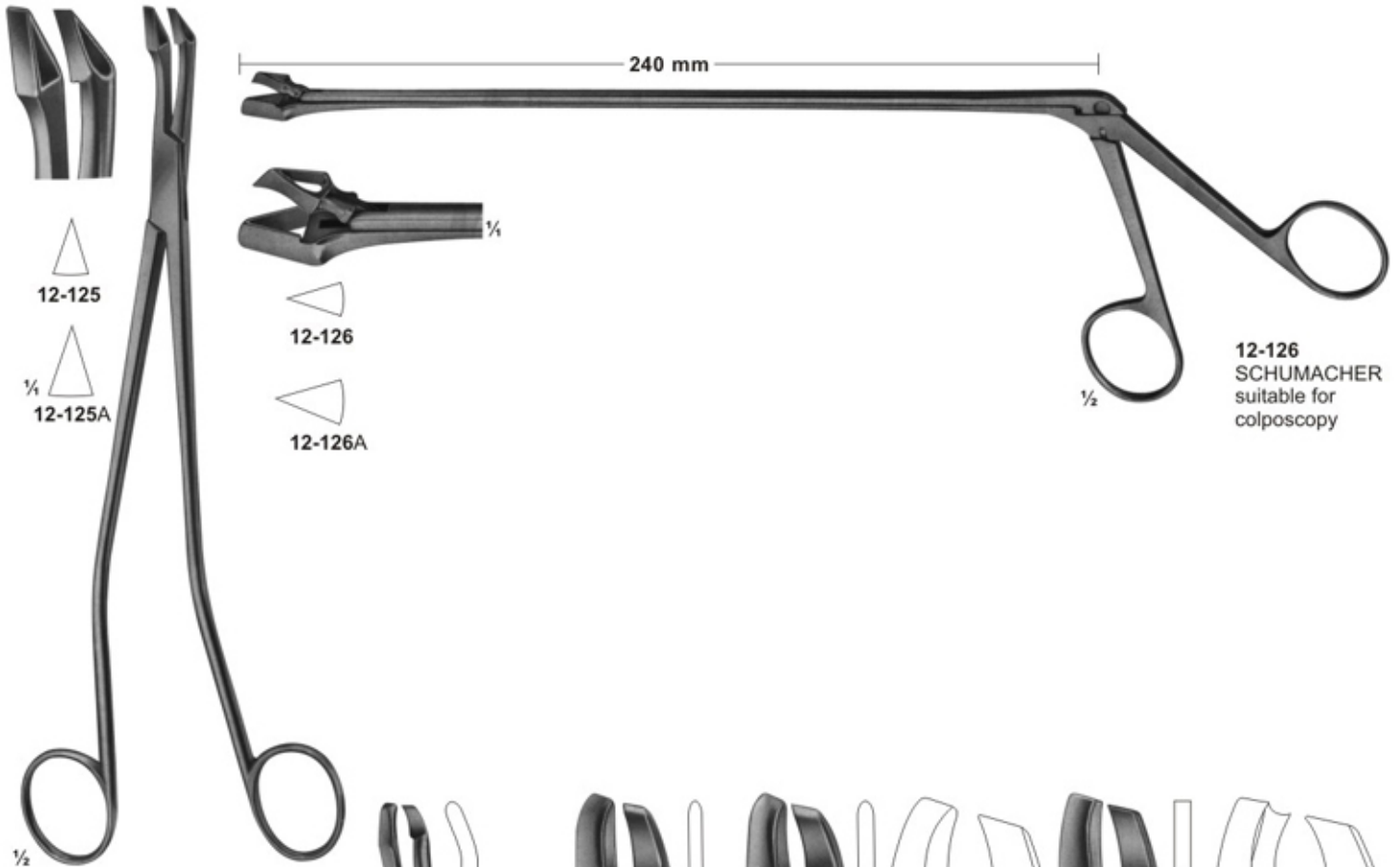
**12-118**  
2,5 mm  
85 mm

**12-119**  
3,0 mm  
85 mm

## Biopsy forceps for rectum



# Biopsy Forceps



**12-126**  
SCHUMACHER  
suitable for  
colposcopy



**12-125**



**12-125A**



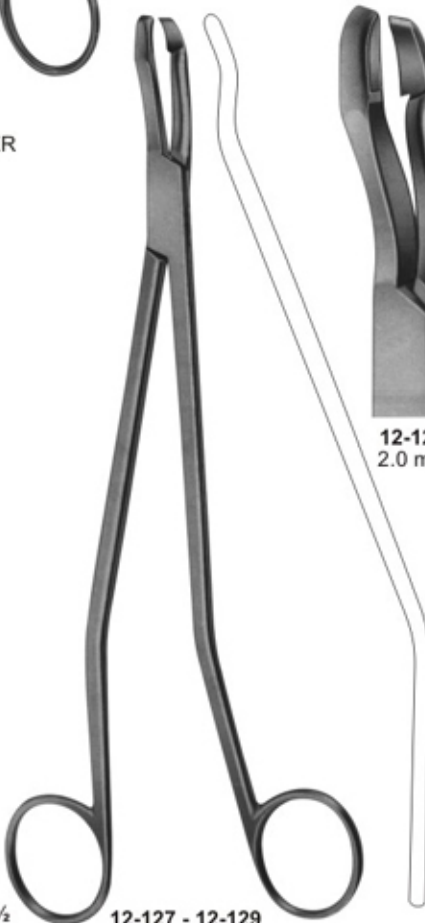
**12-126**



**12-126A**

1/2

**12-125**  
SCHUMACHER  
240mm



**12-127 - 12-129**  
SEIDL DBP  
Biopsy forceps, bayonet shaped  
for portio, vagina and vulva  
240mm



**12-127**  
2.0 mm



**12-128**  
2.4 mm



**12-129**  
2.4 mm

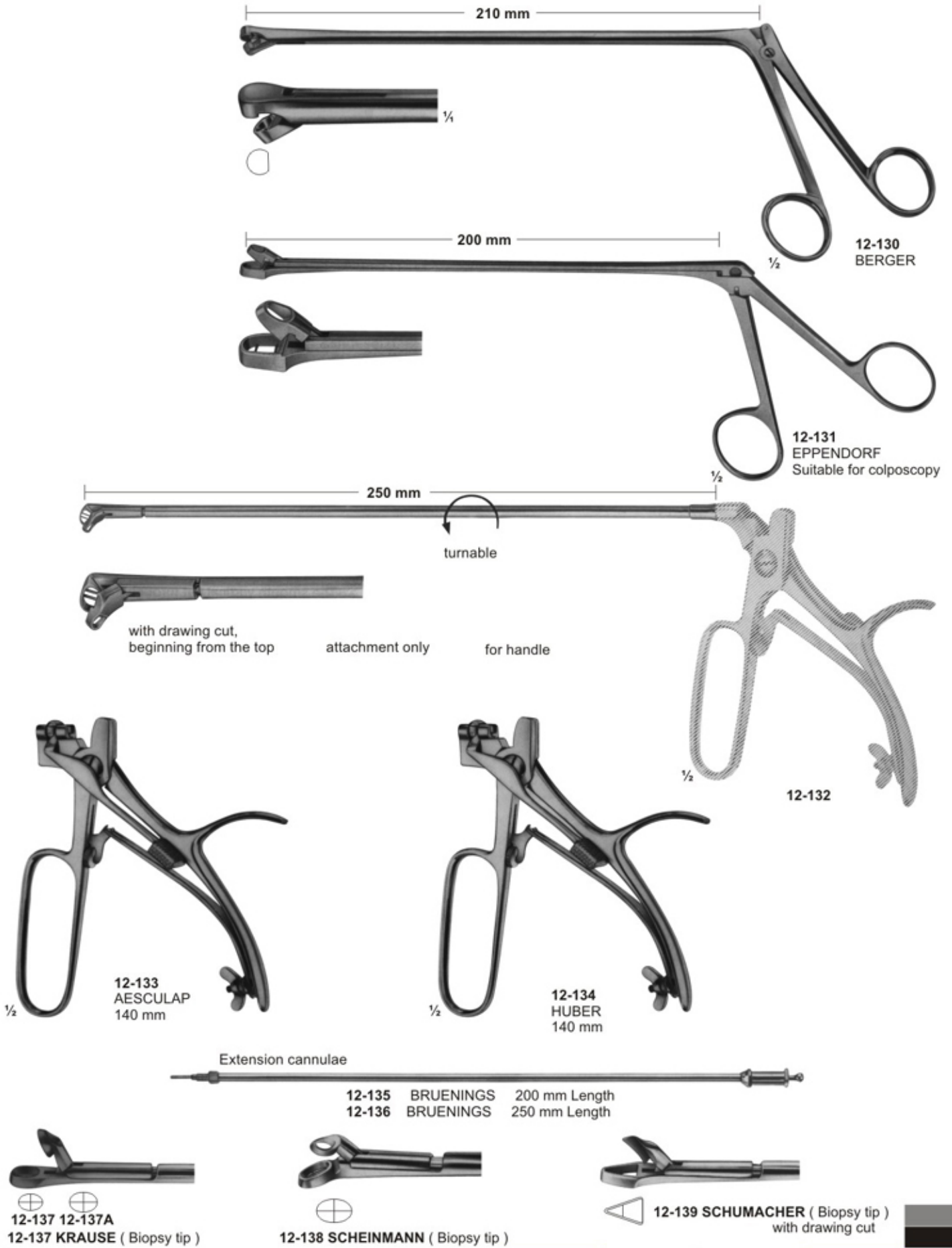


A

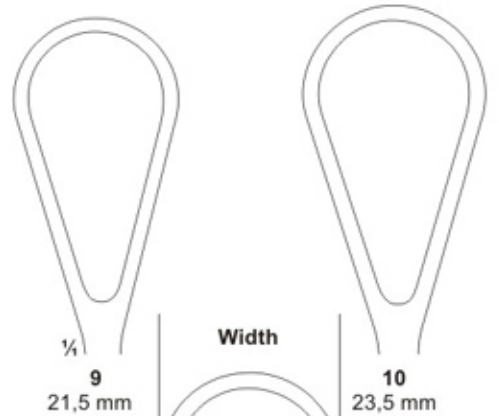
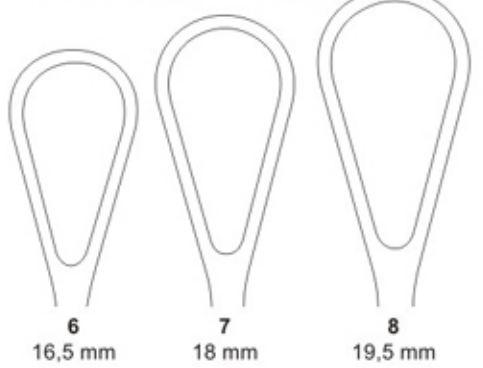
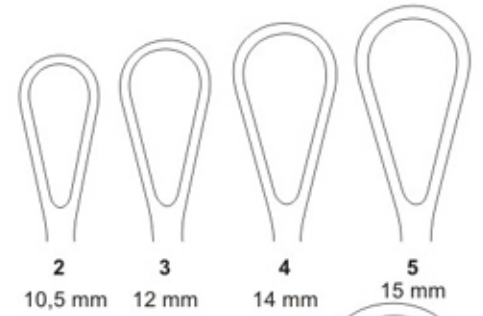
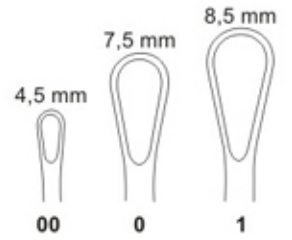


B

# Biopsy Forceps



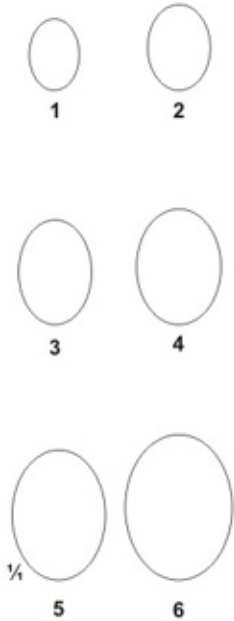
# Uterine Scoops



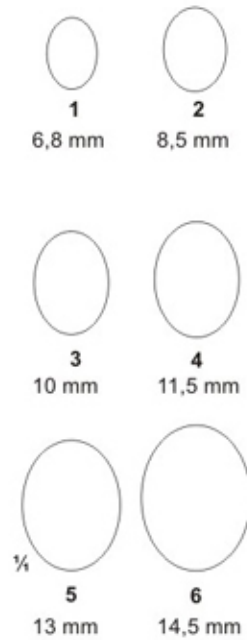
Width



1/2  
**12-140**  
SIMON  
240 mm



1/2  
**12-141**  
SCHROEDER  
310 mm



1/2  
**12-142**  
RECAMIER  
300 mm

**Obstetrical Forceps**



1/3

**13-101**  
**NAEGELE**  
355 mm



1/3

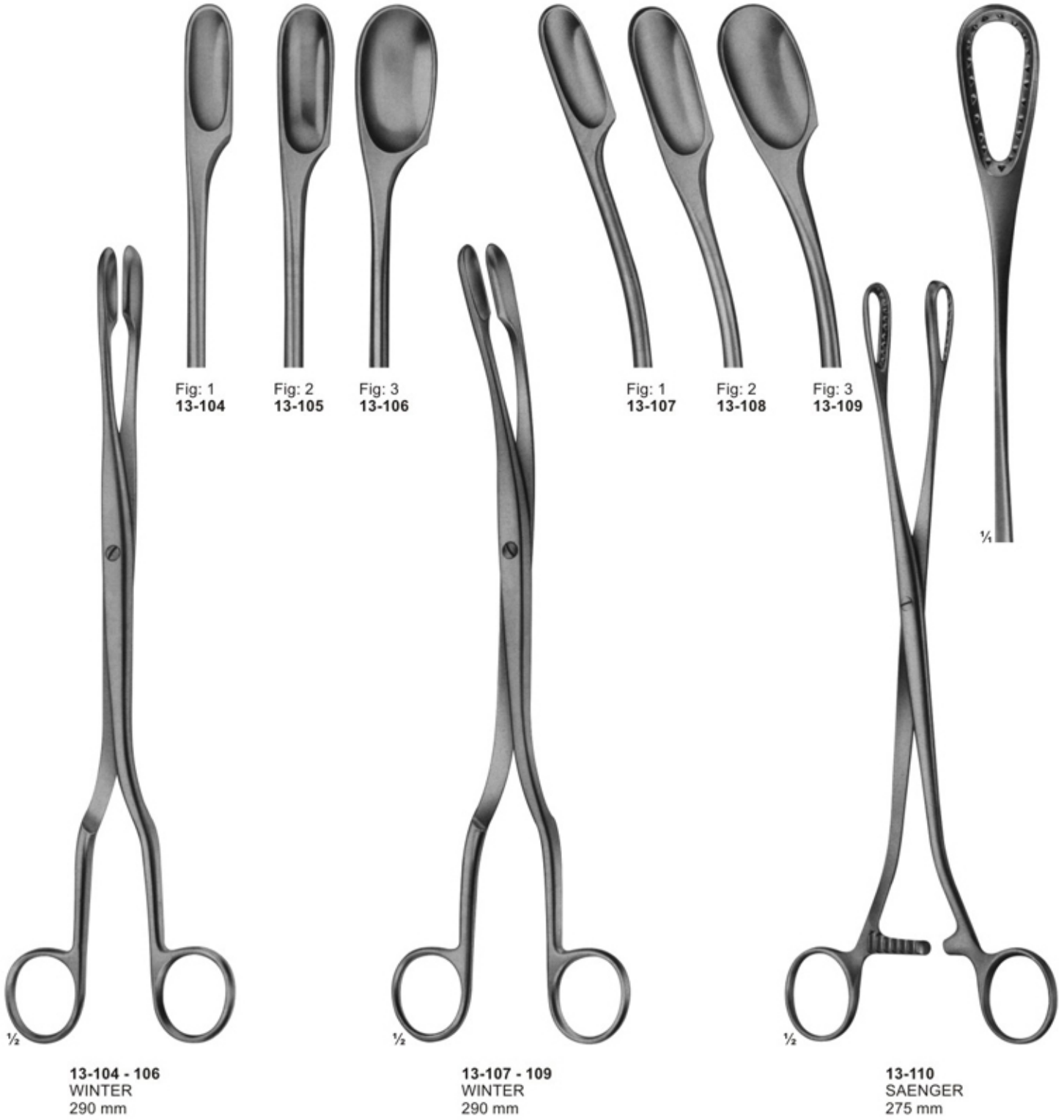
**13-102**  
**NAEGELE**  
400 mm



1/3

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

# Obstetrics- Placenta and Ovum Forceps

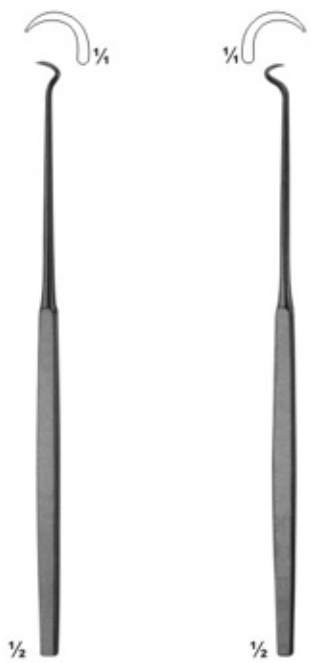


**13-104 - 106**  
WINTER  
290 mm

**13-107 - 109**  
WINTER  
290 mm

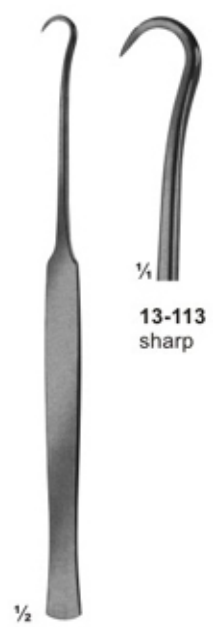
**13-110**  
SAENGER  
275 mm

# Tound-and Tracheal Hooks and Dilators



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

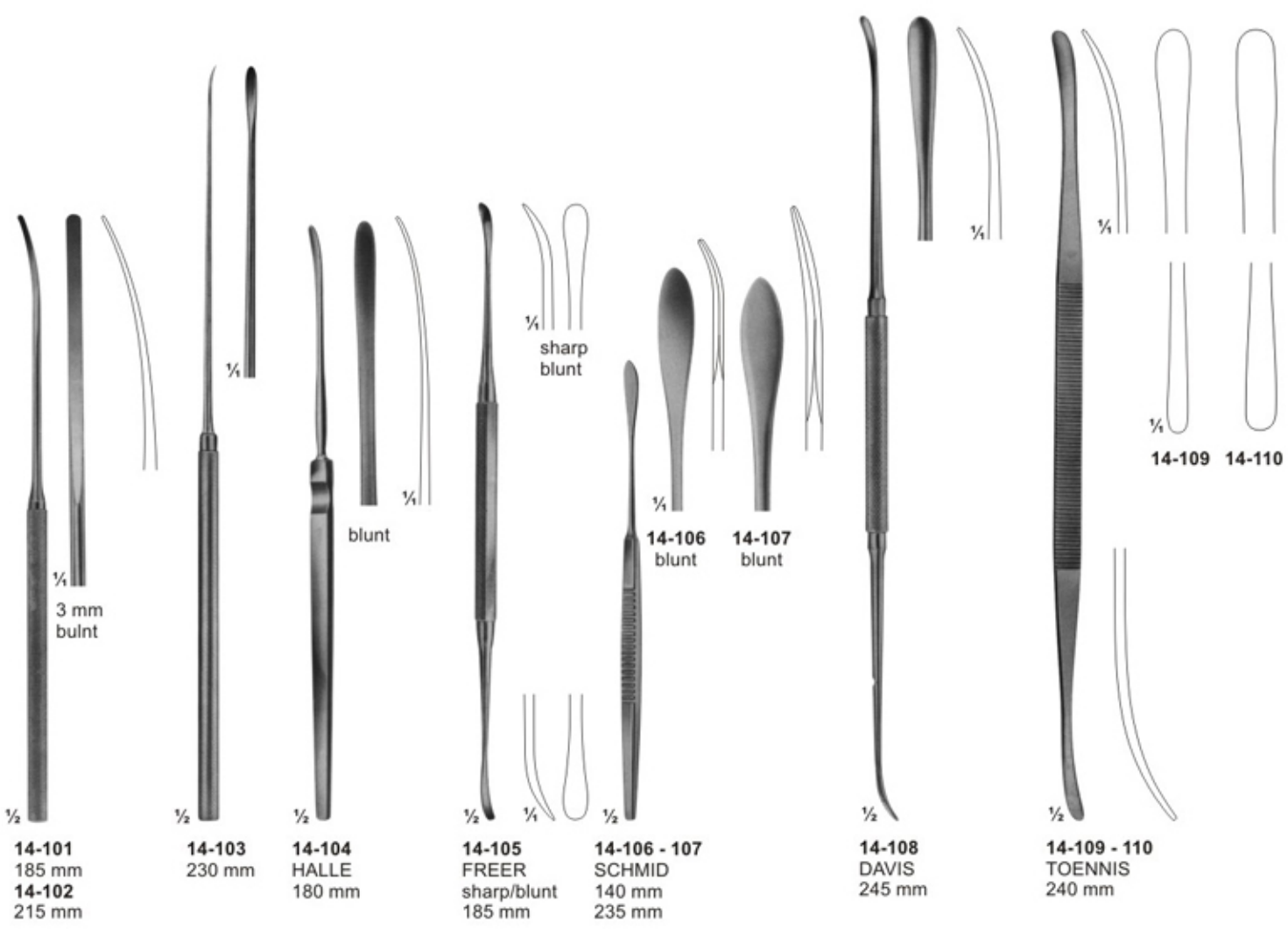


13-120  
LABORDE  
strong pattern  
135 mm

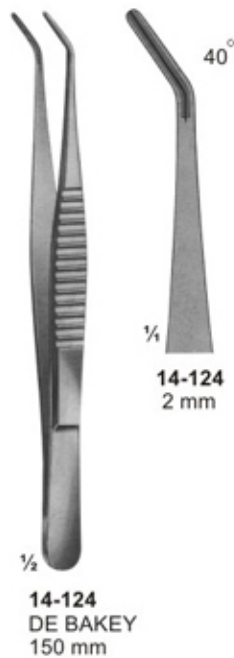
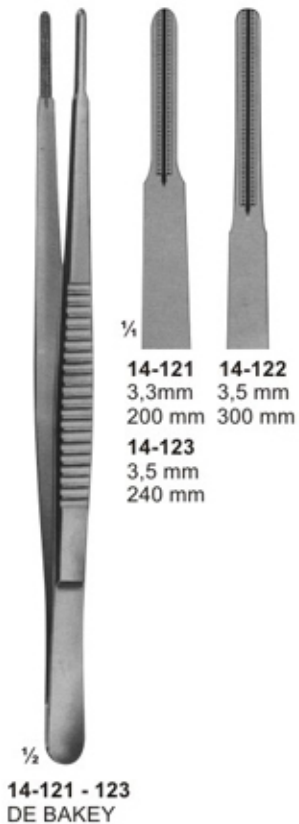
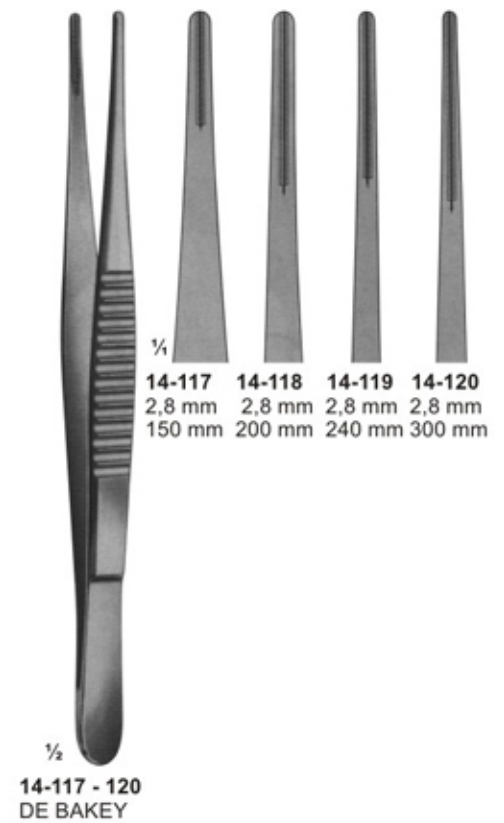
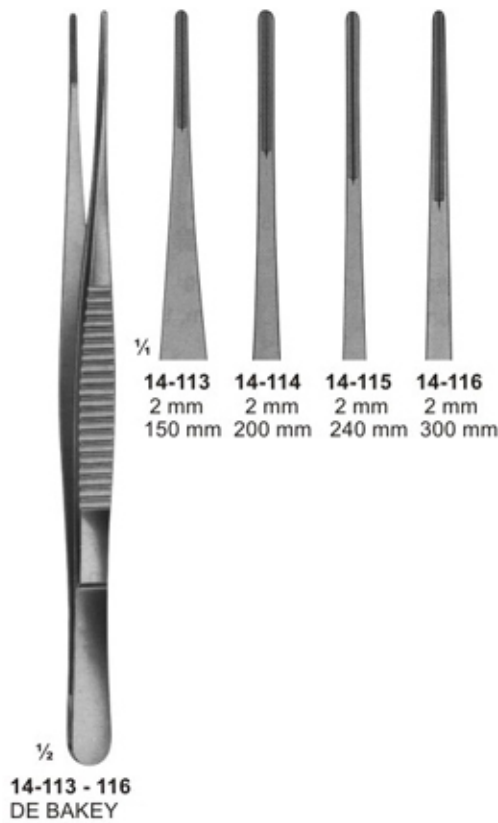
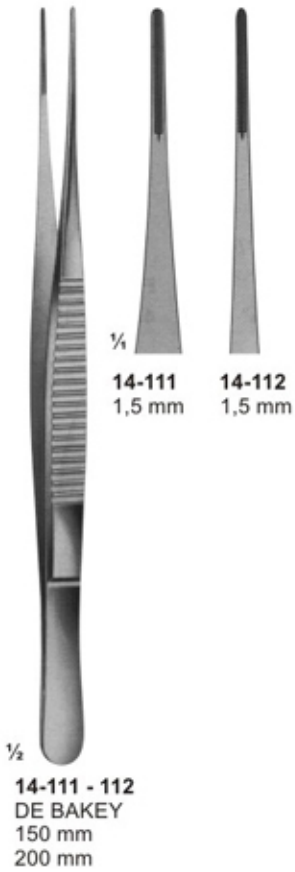


13-121  
Cleaning Brush  
for tracheal tubes  
285 mm

# Vascular Spatulas

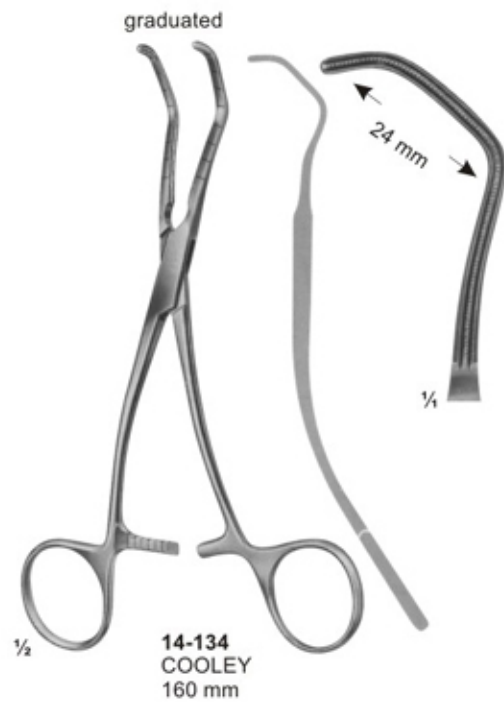
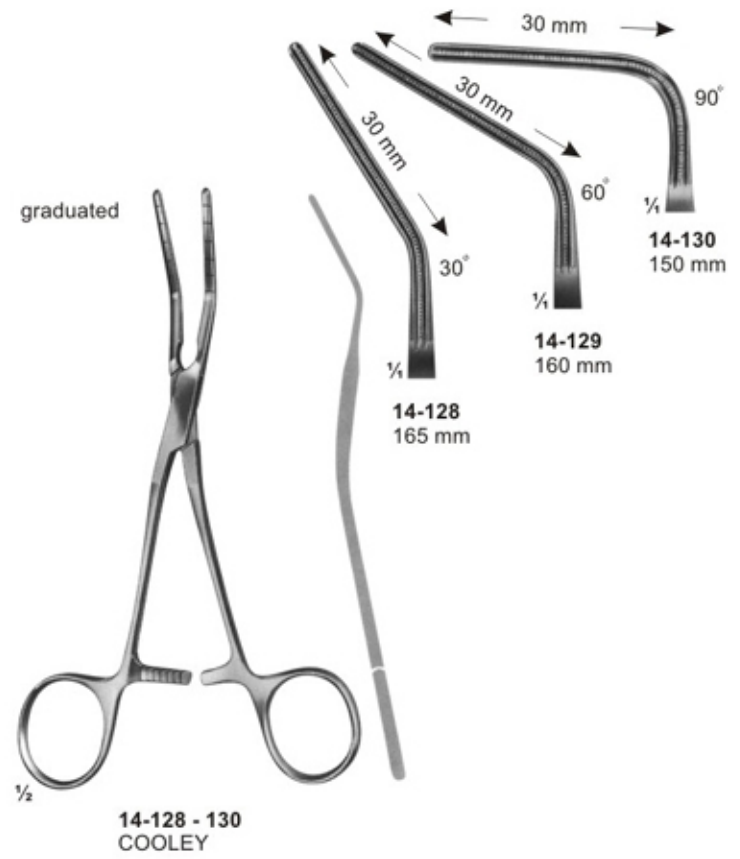
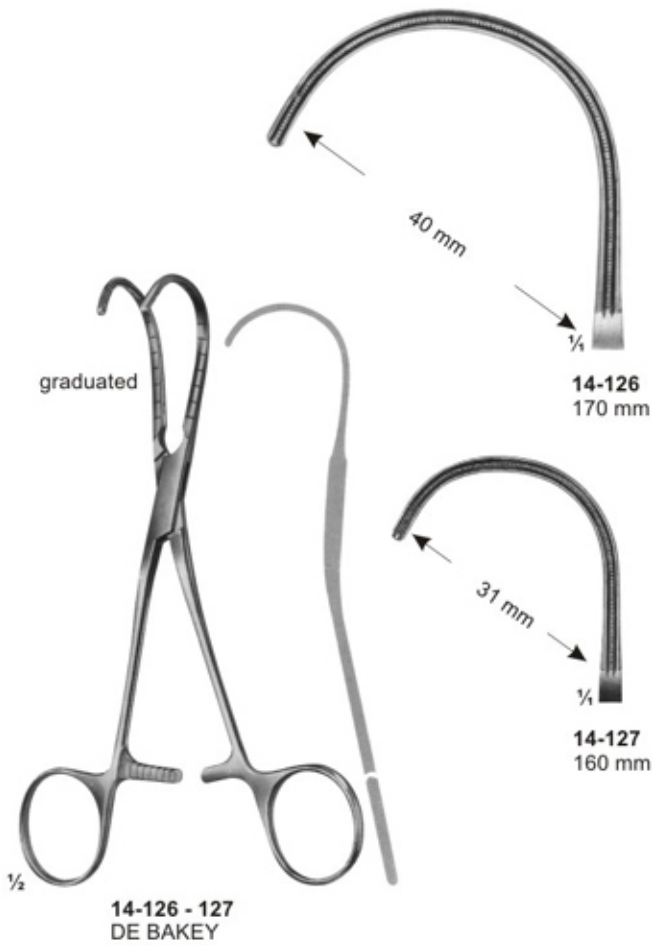


**ATRAUMATA**  
**Forceps**



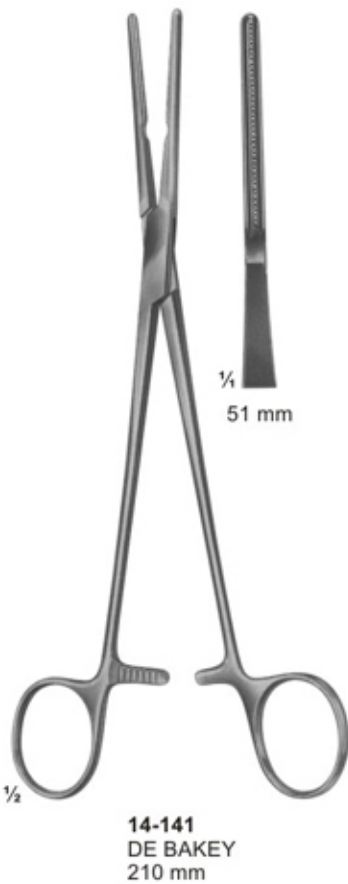
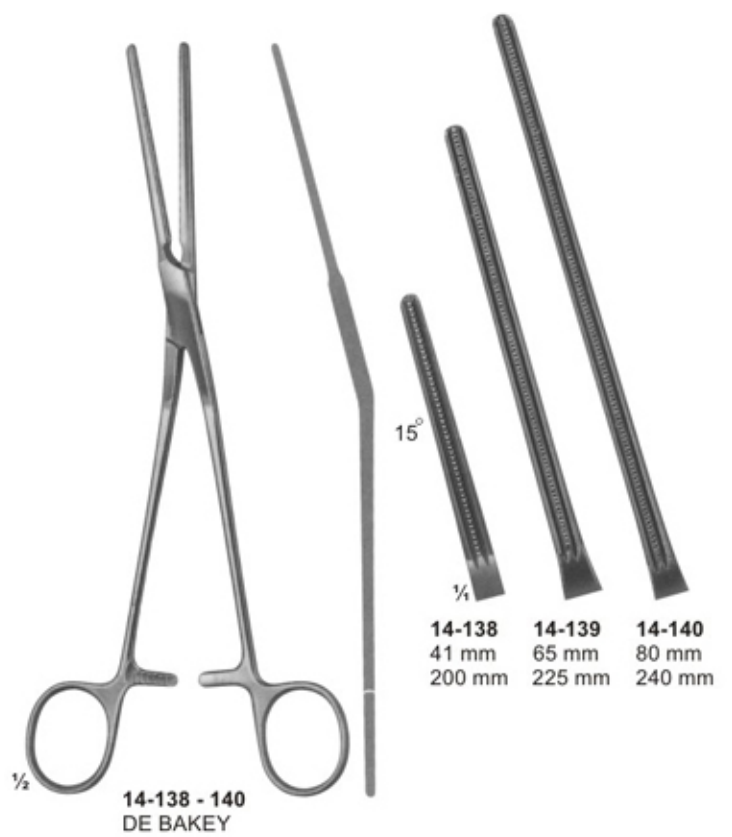
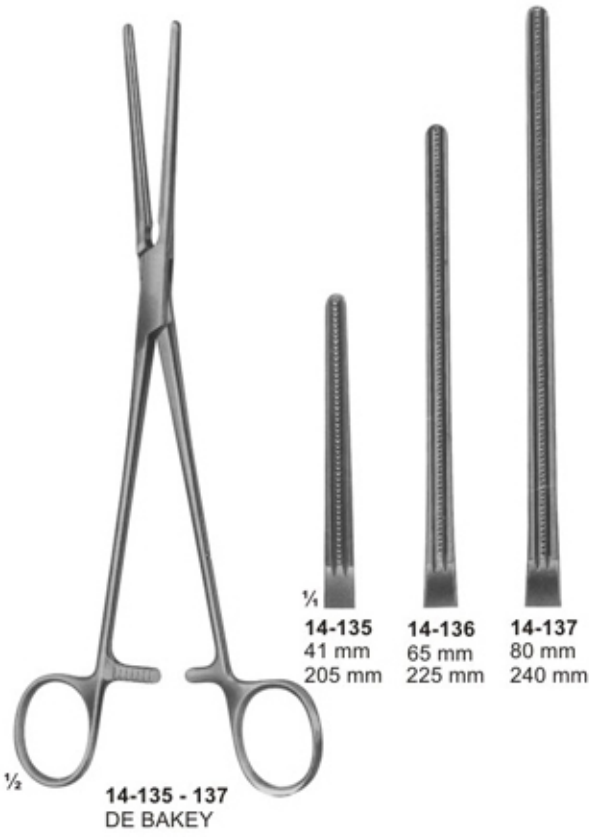
**ATRAUMATA**

**Anastomosis- and Multi- Purpose- Clamps- Pediatric types**



**ATRAUMATA**

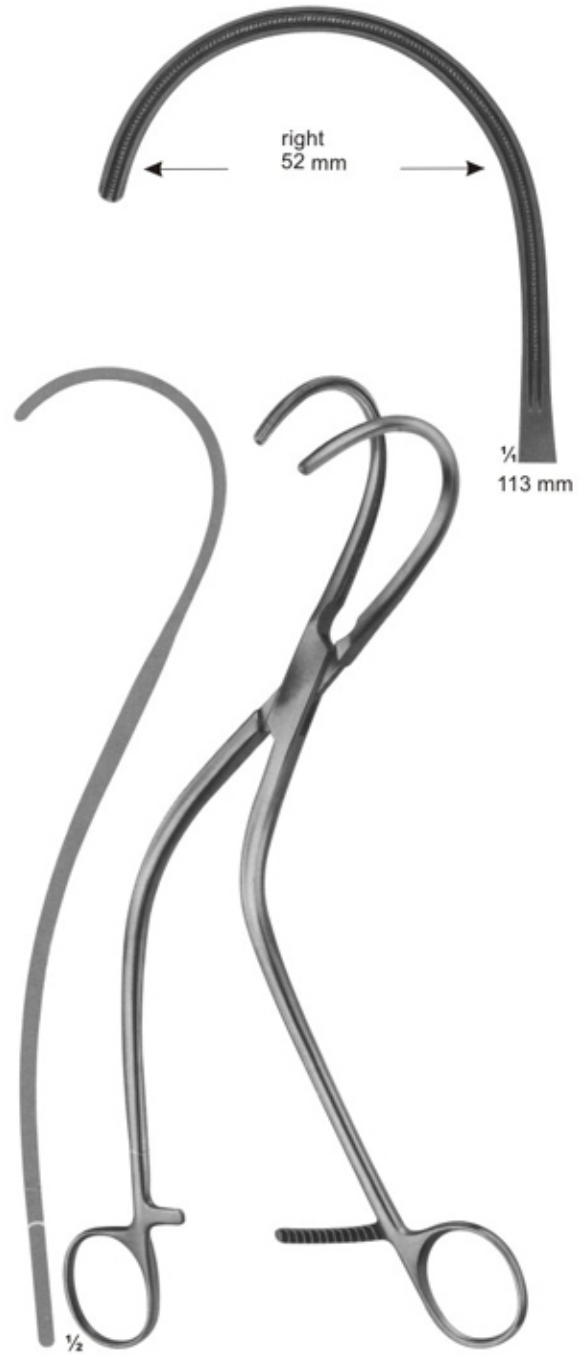
**Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamps**



# Aorta- Anastomosis Clamps



**L**  
**14-144**  
**WEBER**  
**260 mm**

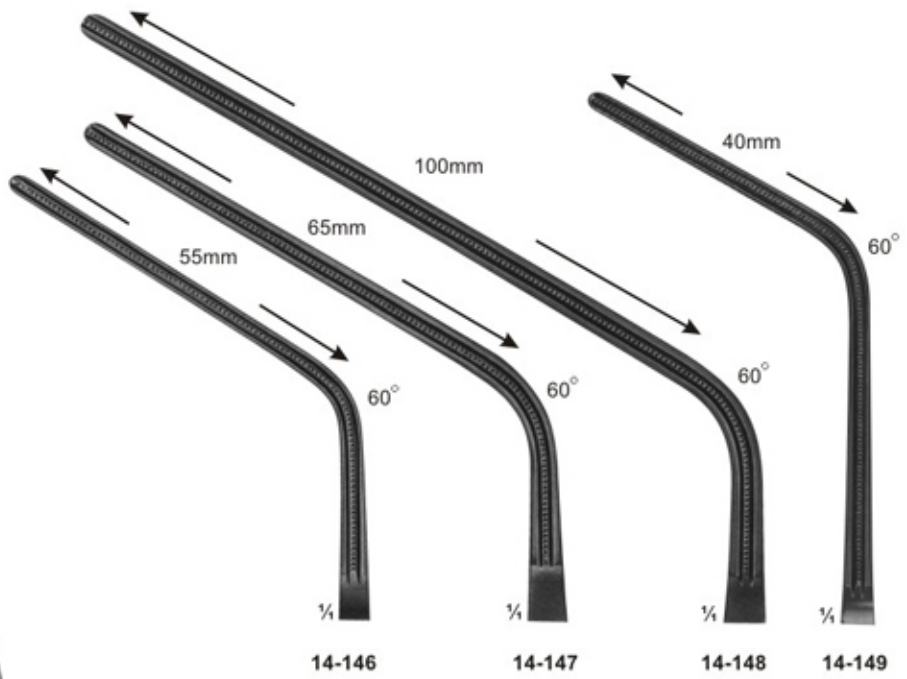


**R**  
**14-145**  
**WEBER**  
**260 mm**

## Multi- Purpose-Clamps



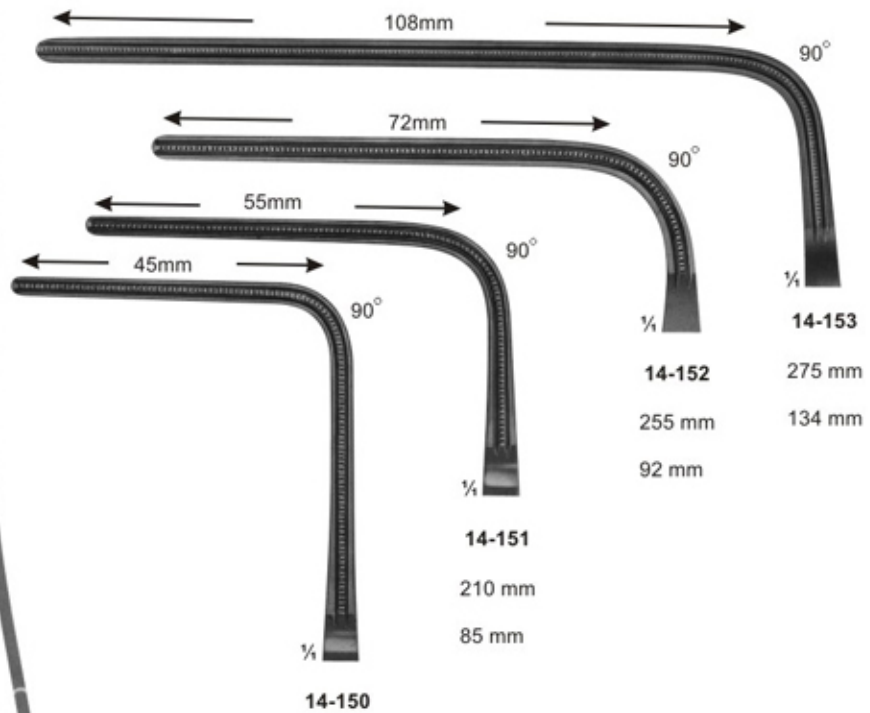
1/2 **14-146 - 149**  
DE BAKEY



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



1/2 **14-150 - 153**  
DE BAKEY



Total Length:	225 mm
Length of jaws:	93 mm

## Sternum Instruments and Rib Shears



**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

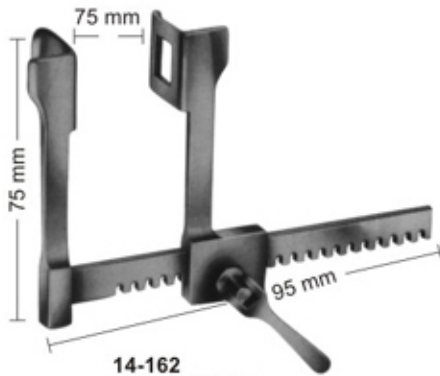


**14-160**  
BRUNNER  
Universal pattern  
340 mm

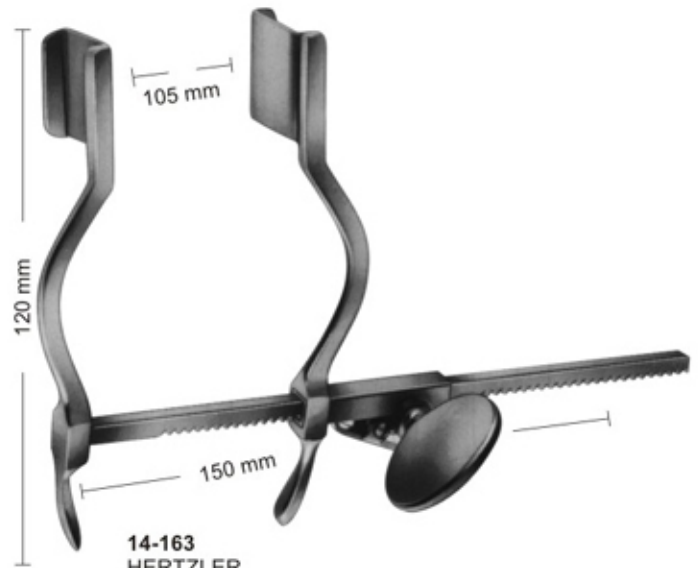


**14-161**  
GIERTZ-STILLE  
250 mm

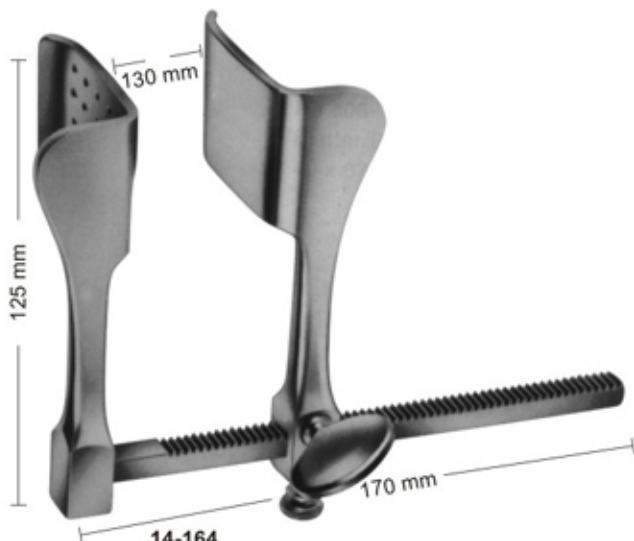
## Rib Spreaders



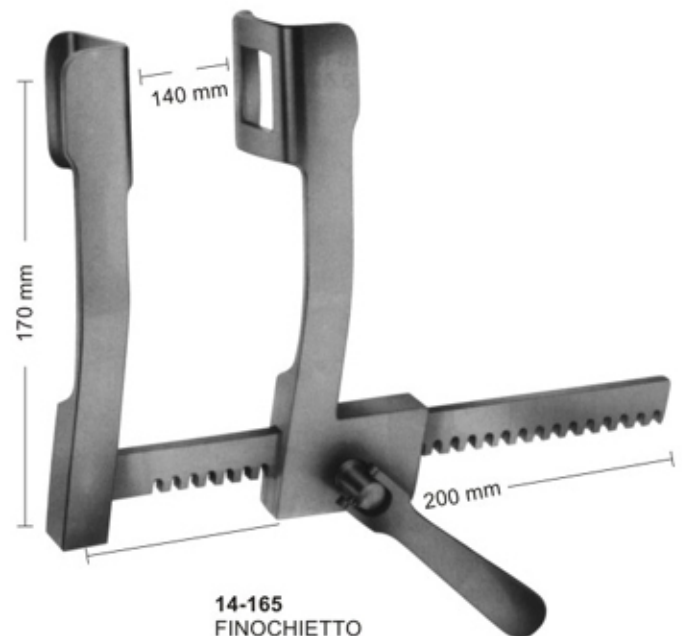
**14-162**  
**FINOCHIETTO**  
Blades  
18X21 mm



**14-163**  
**HERTZLER**  
Blades  
20X25 mm



**14-164**  
**TUFFIER**  
Blades  
43X53 mm



**14-165**  
**FINOCHIETTO**  
Blades  
36X45 mm

# Rib Spreaders-and Contractors



**14-166  
SELLORS**  
Rib spreader-and contractor  
with swivel blades  
200 mm



**14-167  
BAILEY**  
150 mm



**14-168**  
for children

**14-169**  
for adults

**14-168 - 169  
BAILEY**  
200 mm

# Punches


**130°** upwards cutting


**15-101**  
1 mm 

KERRISON - JACOBY

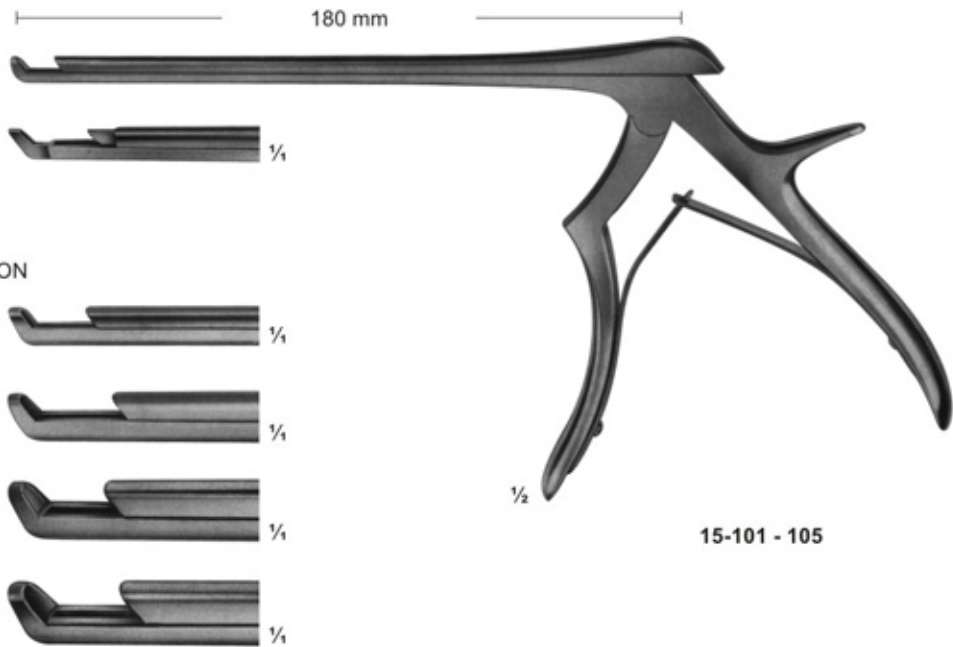
FERRIS-SMITH-KERRISON

**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 

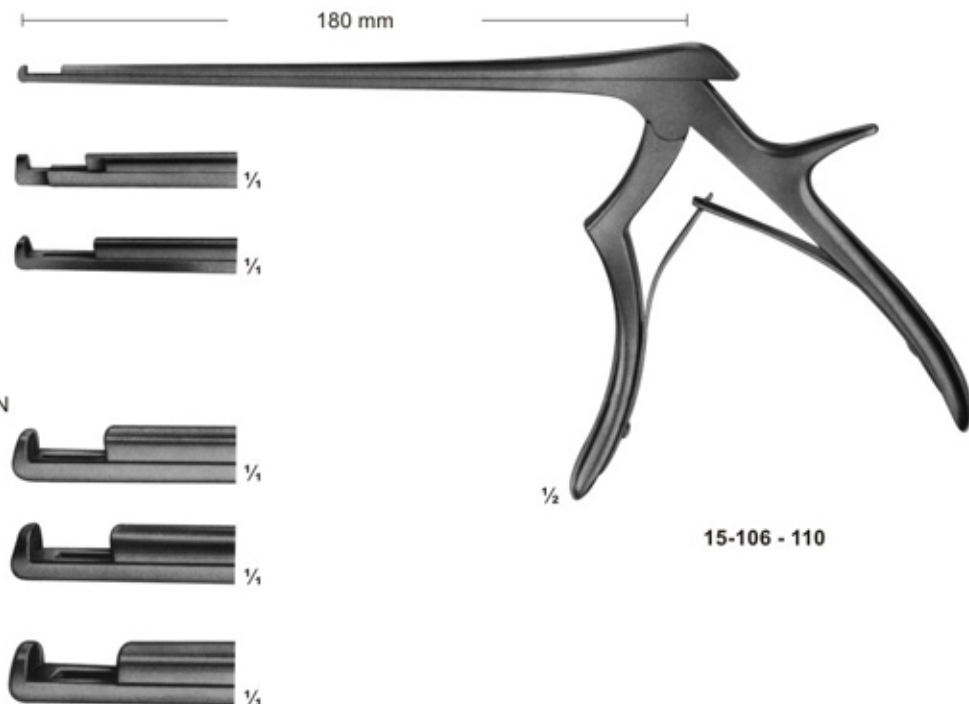
**15-107**  
2 mm 

FERRIS-SMITH-KERRISON

**15-108**  
3 mm 

**15-109**  
4 mm 

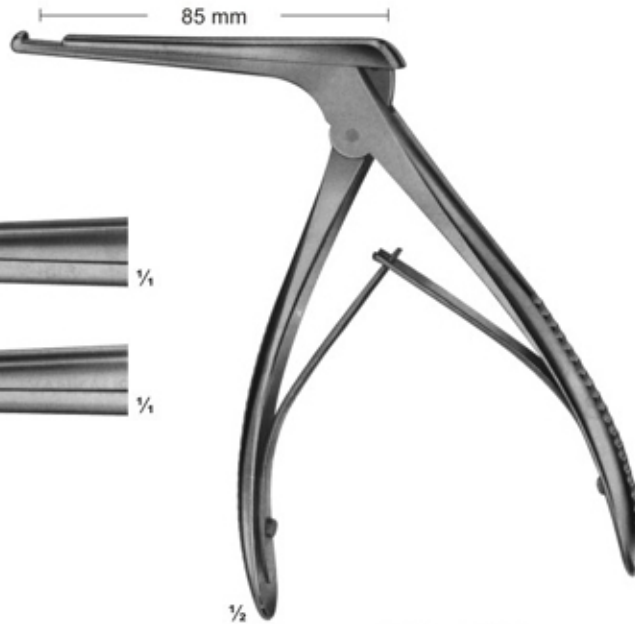
**15-110**  
5 mm 



15-106 - 110

# Punches

90° upwards cutting



15-111  
4 mm



1/4

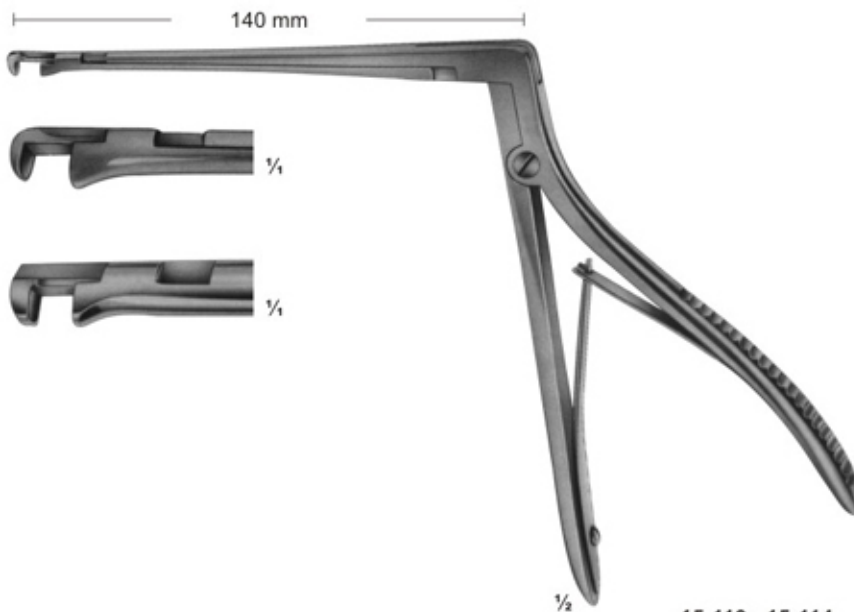
15-112  
5 mm



1/4

15-111 - 15-112  
KERRISON

90° upwards cutting



15-113  
3,3 mm



1/4

15-114  
4,0 mm



1/4

15-113 - 15-114  
HAJEK-KOFLER

**Rongeurs**

**LOVE-GRUENWALD**

**15-115**  
2 X 10 mm



**15-116**  
3 X 10 mm



**SPURLING**  
**15-117**  
4 X 10 mm



**15-115 - 15-117**

**15-118**  
2 mm



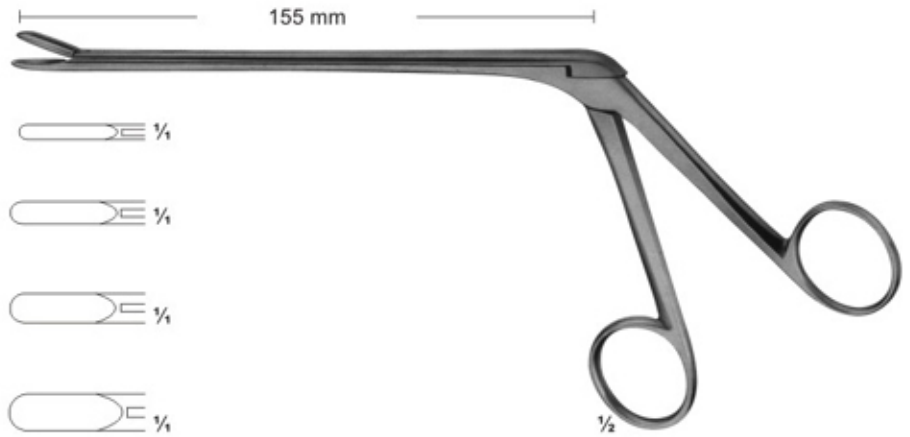
**15-119**  
3 mm



**15-120**  
4 mm



**15-121**  
5 mm



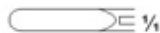
**15-118 - 15-121**  
**CASPAR**

**150°**

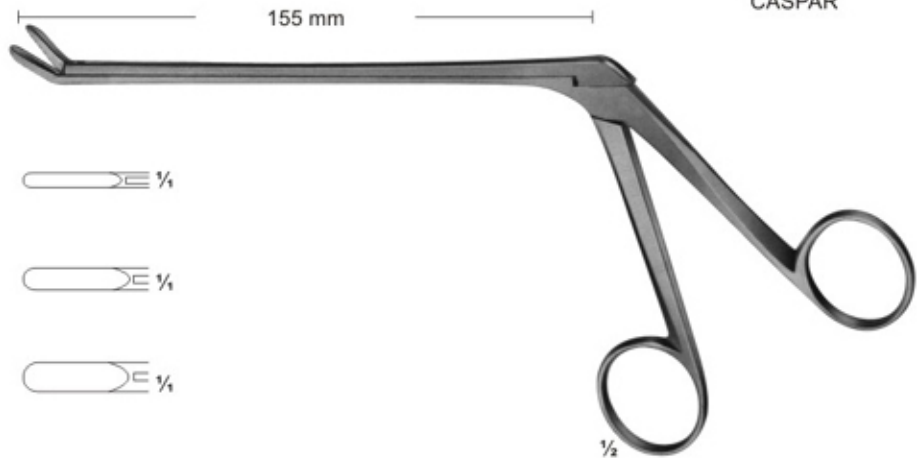
**15-122**  
2 mm



**15-123**  
3 mm



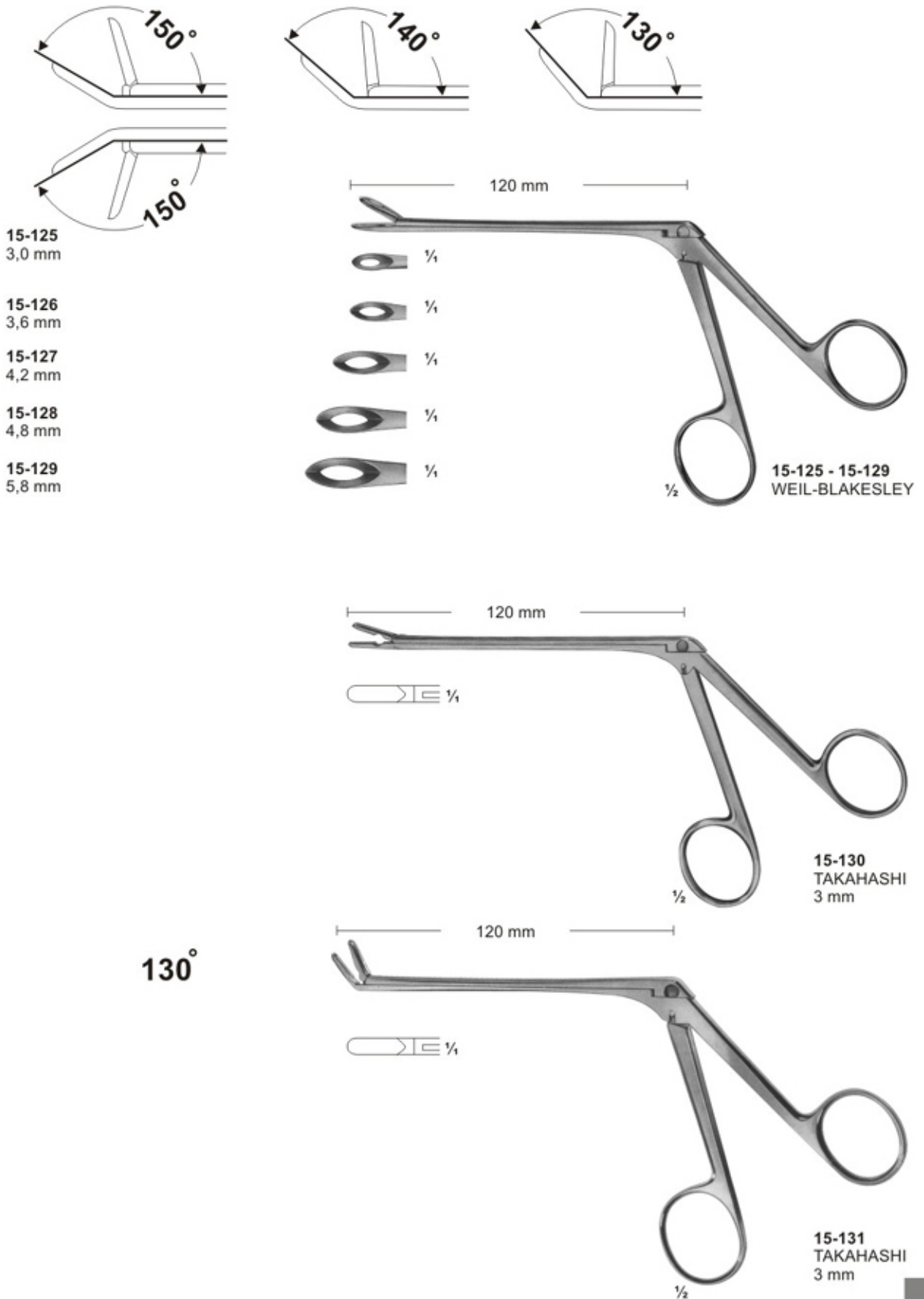
**15-124**  
4 mm



**15-122 - 15-124**  
**CASPAR**

# Rongeurs

Angled positions for rongeurs



# Rongeurs

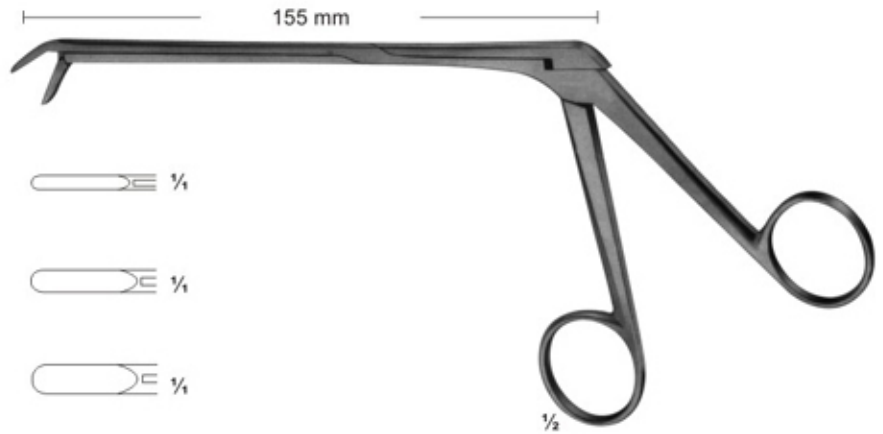
**150°**

Lower part of jaws movable

**15-132**  
2 mm

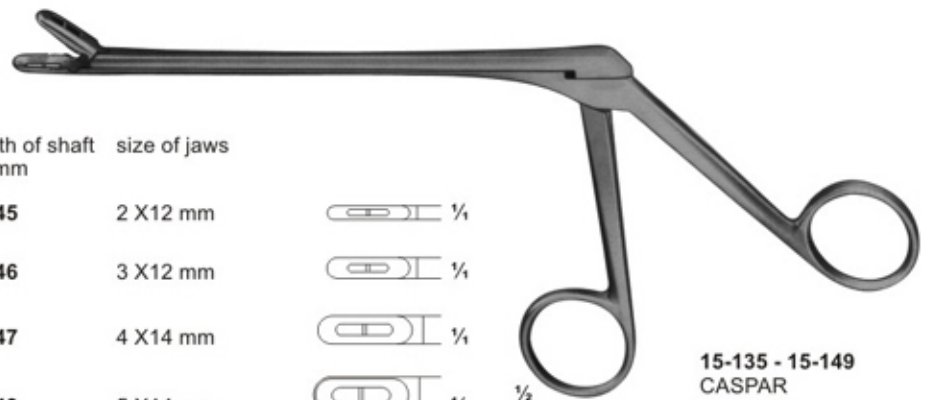
**15-133**  
3 mm

**15-134**  
4 mm



**15-132 - 15-134**  
CASPAR

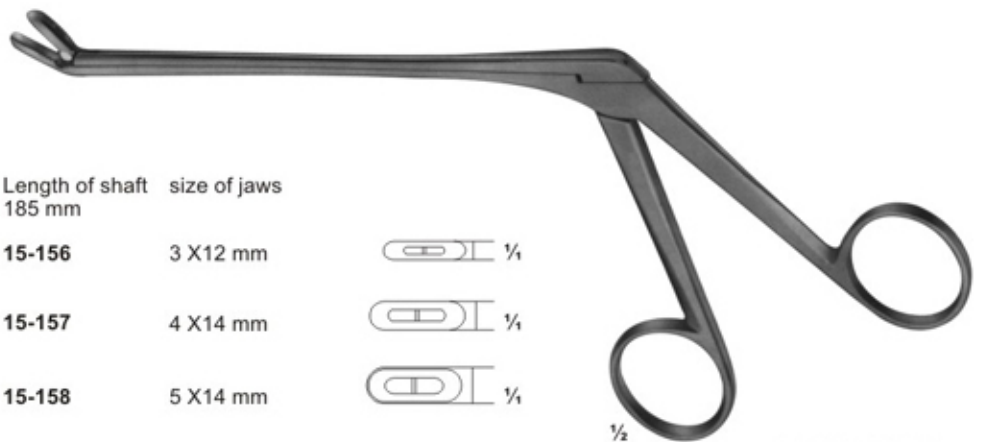
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
<b>15-135</b>	<b>15-140</b>	<b>15-145</b>	2 X12 mm
<b>15-136</b>	<b>15-141</b>	<b>15-146</b>	3 X12 mm
<b>15-137</b>	<b>15-142</b>	<b>15-147</b>	4 X14 mm
<b>15-138</b>	<b>15-143</b>	<b>15-148</b>	5 X14 mm
<b>15-139</b>	<b>15-144</b>	<b>15-149</b>	6 X16 mm



**15-135 - 15-149**  
CASPAR

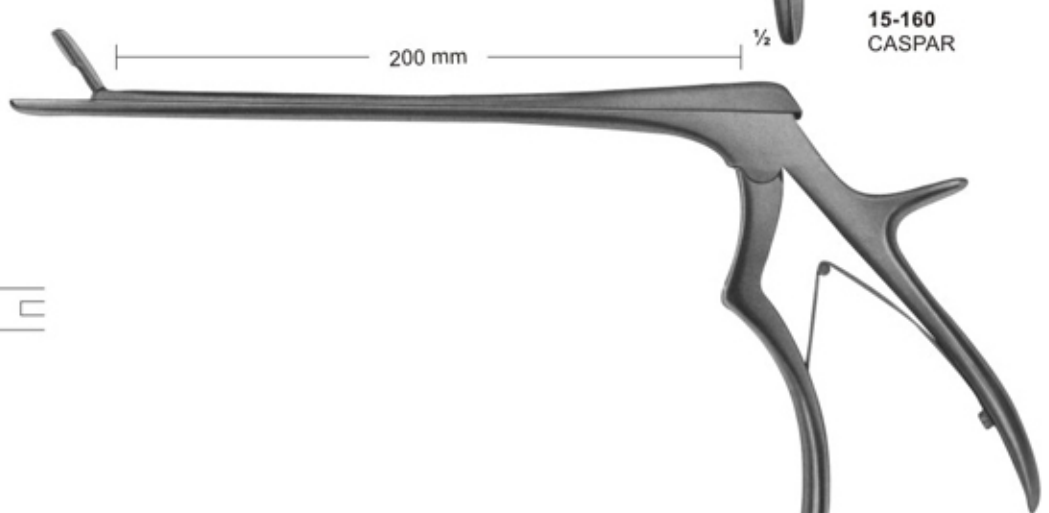
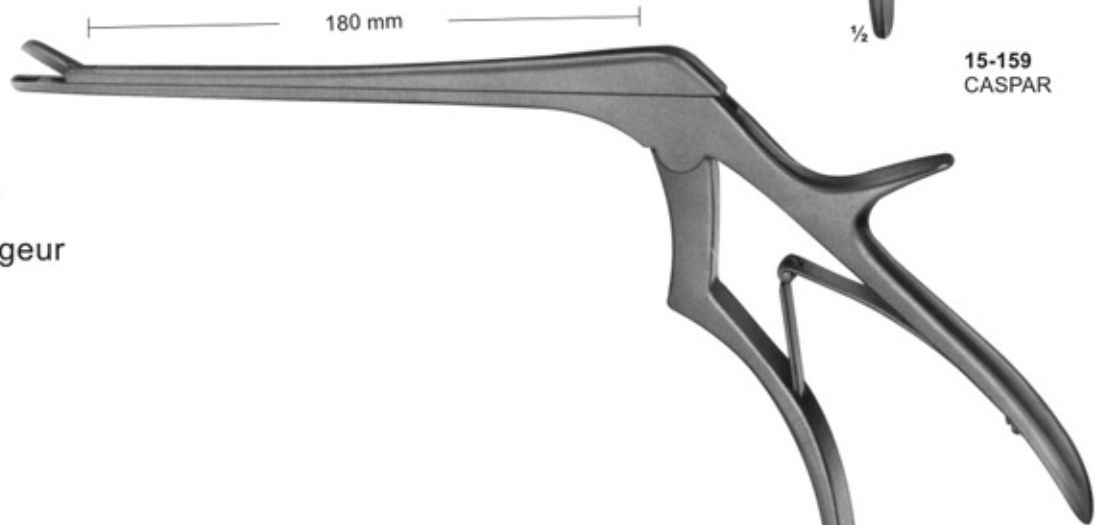
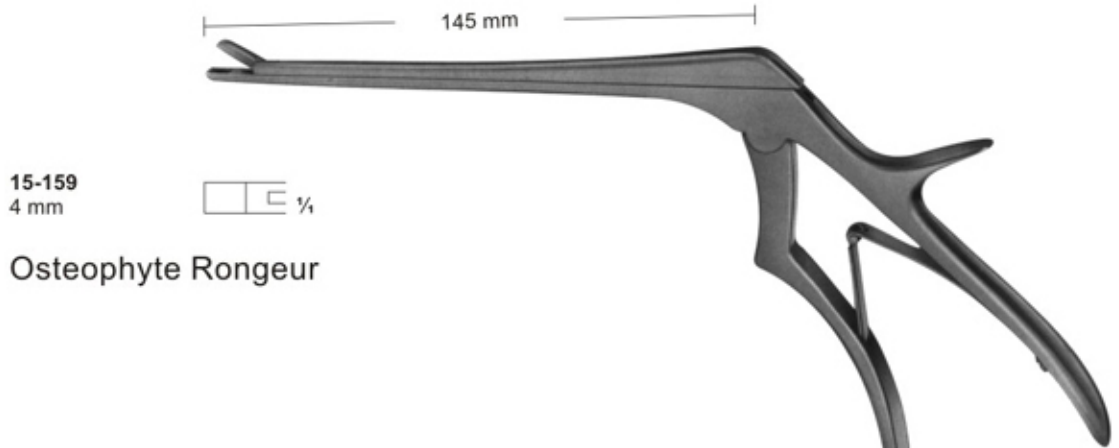
**150°**

Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
<b>15-150</b>	<b>15-153</b>	<b>15-156</b>	3 X12 mm
<b>15-151</b>	<b>15-154</b>	<b>15-157</b>	4 X14 mm
<b>15-152</b>	<b>15-155</b>	<b>15-158</b>	5 X14 mm



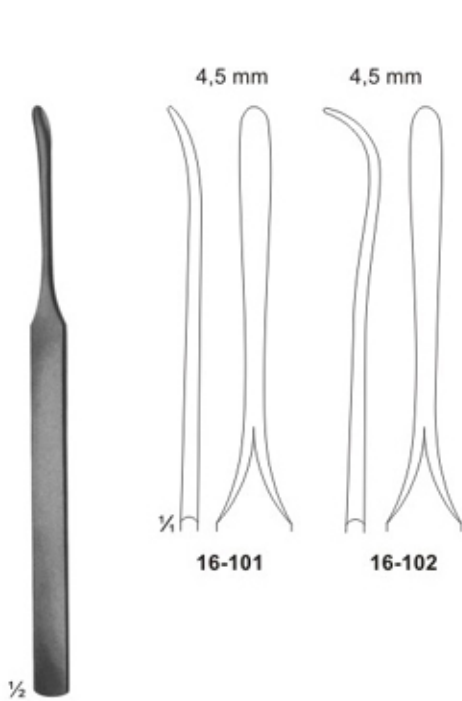
**15-150 - 15-158**  
CASPAR

**Rongeurs**



15-161  
WAGNER

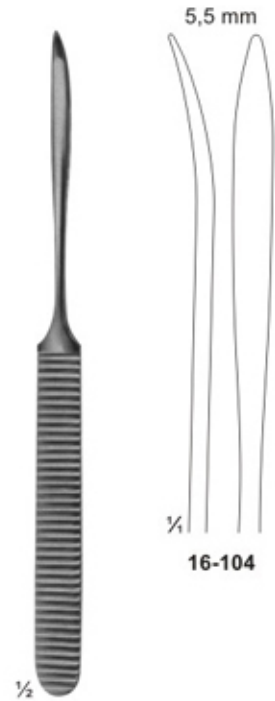
## Elevators and Bone Levers



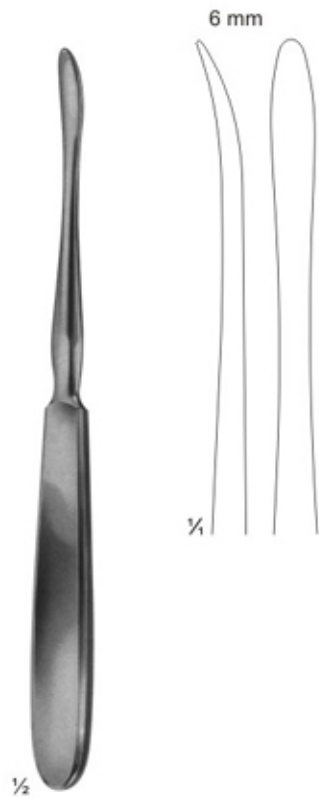
**16-101 - 102  
KONIG**  
155 mm



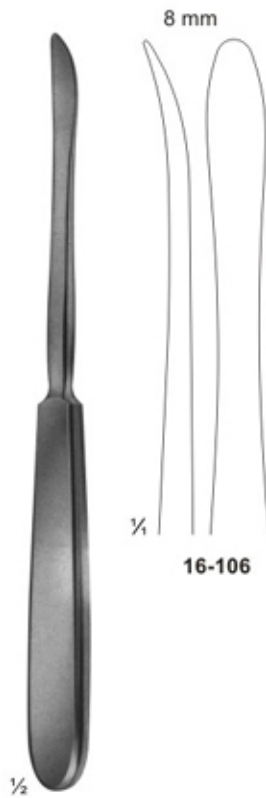
**16-103  
WILLIGER**  
165 mm



**16-104  
WILLIGER**  
170 mm



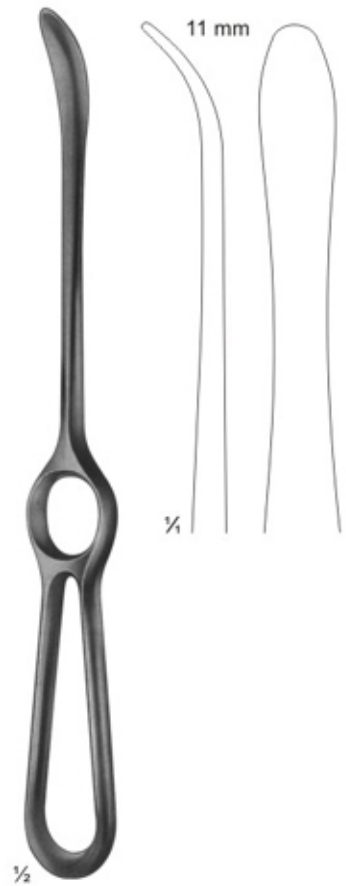
**16-105  
QUERVAIN**  
195 mm



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

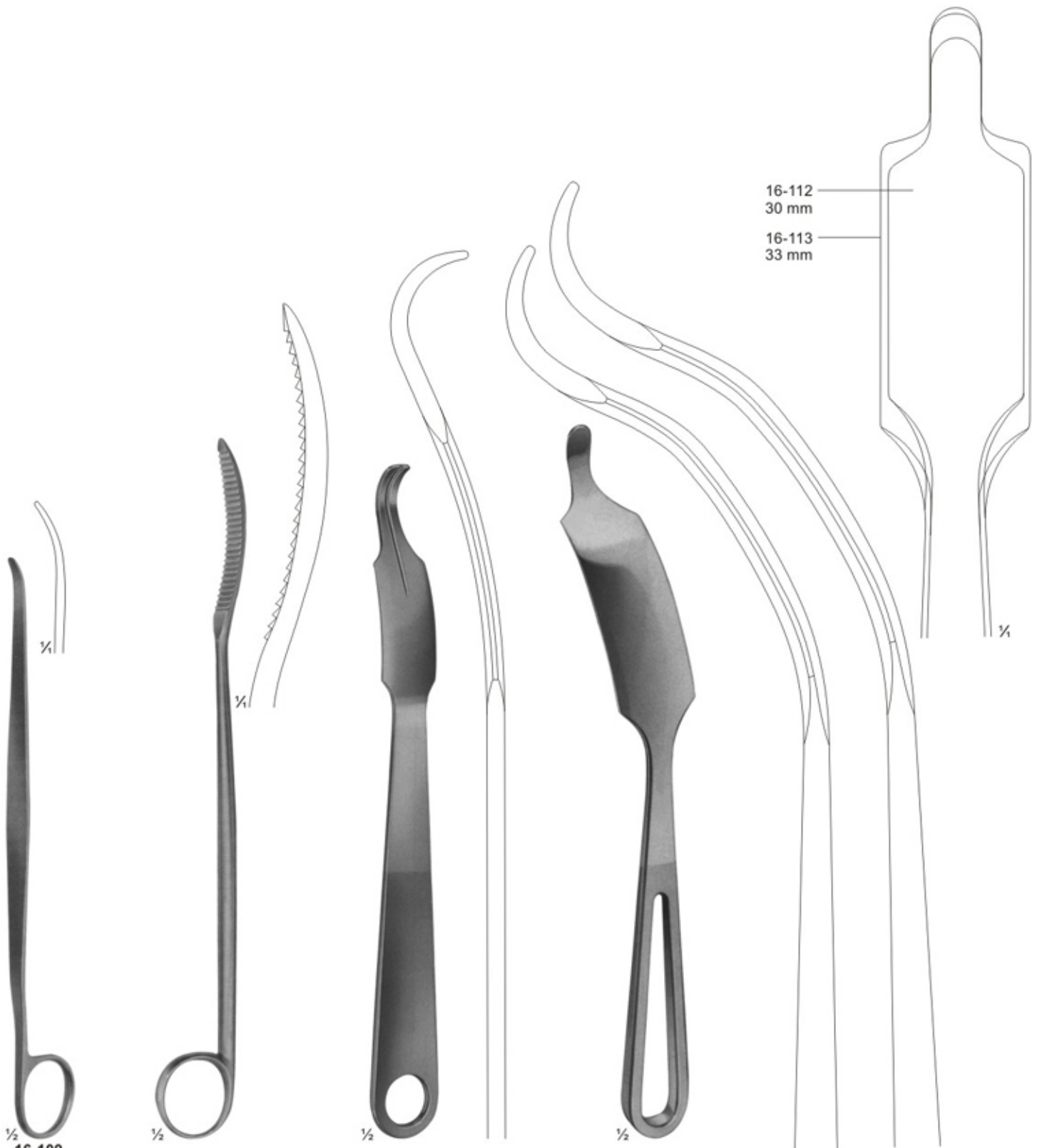


**16-107**



**16-108  
LANGENBACK**  
230mm

**Bone Levers**



**16-109**  
LANE TRETHOWAN  
215mm

**16-110**  
LANE  
255mm

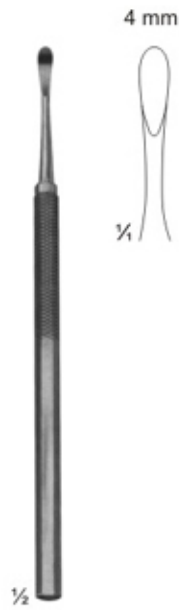
**16-111**  
LANGE-HOHMANN  
250mm

**16-112 - 113**  
LANGE-HOHMANN modif.  
**16-112** 265mm  
**16-113** 280mm

# Raspatories



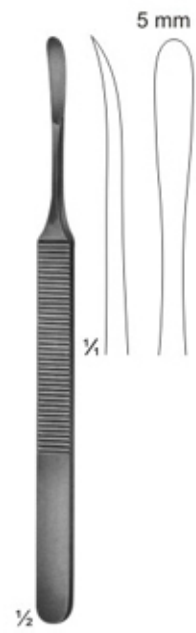
**16-114**  
PARTSCH  
150 mm



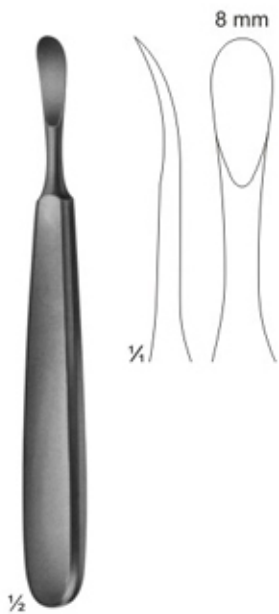
**16-116**  
PARTSCH mod. LANGE  
145 mm



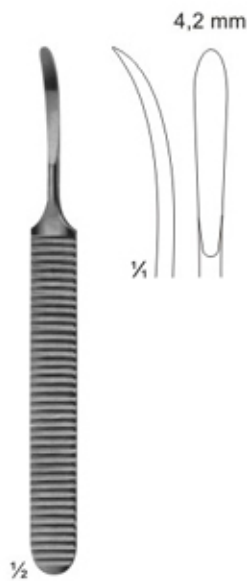
**16-117**  
MC KENTY  
155 mm



**16-118**  
KOENIG  
155 mm



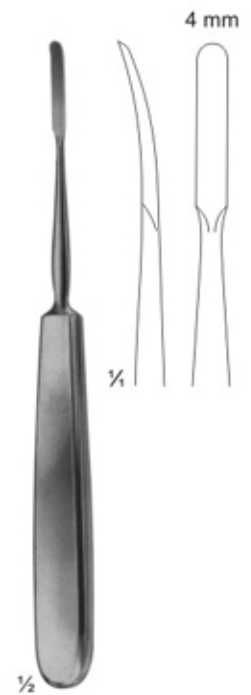
**16-119**  
TRELAT  
150 mm



**16-120**  
WILLIGER  
140 mm

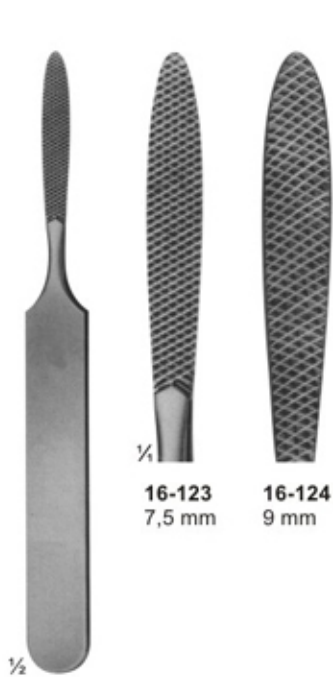


**16-121**  
WILLIGER  
160 mm



**16-122**  
JOSEPH  
170 mm

## Bone File and Rasps

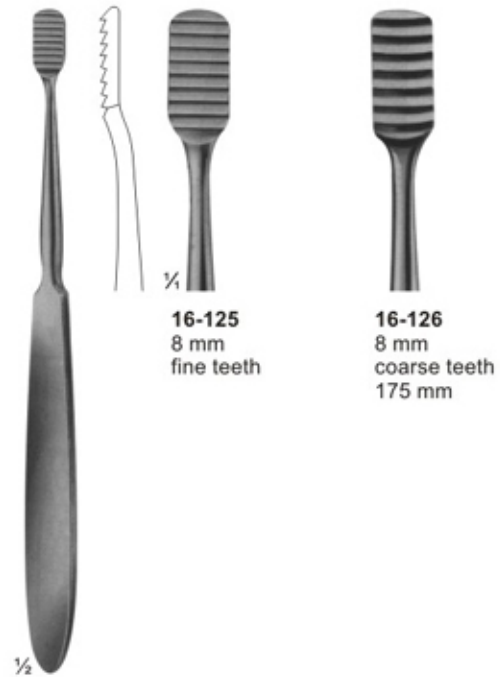


16-123  
7,5 mm

16-124  
9 mm

16-123  
JOSEPH  
fine, chequered

16-124  
coarse, chequered  
165 mm



16-125  
8 mm  
fine teeth

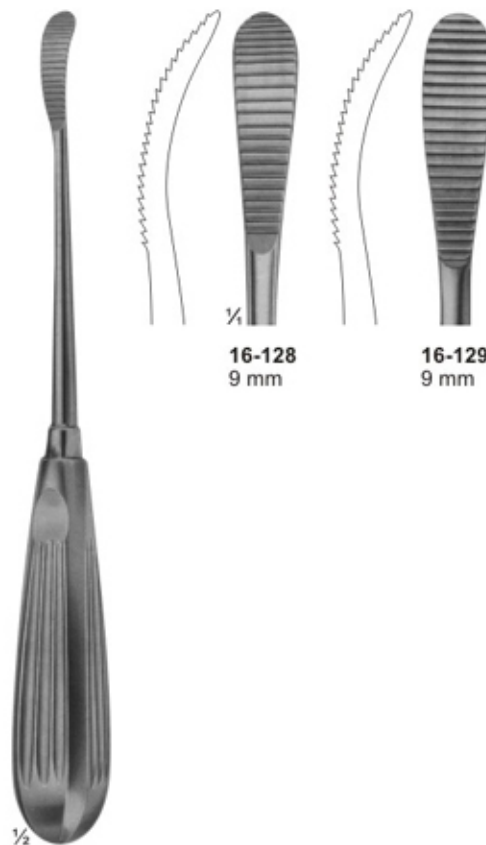
16-126  
8 mm  
coarse teeth  
175 mm

16-125 - 16-126  
LEWIS



16-127  
9 mm

16-127  
MALTZ  
down stroke  
180 mm



16-128  
9 mm

16-129  
9 mm

16-128 - 16-129  
AUFRICHT  
up stroke  
16-129  
down stroke  
220 mm



16-130  
6,5 mm

16-130  
GALLAHER  
190 mm

## Bone Currettes



**16-131**  
JACOBSON  
140 mm



**16-132**  
MARTINI  
140 mm



**16-133**  
MARTINI  
140 mm



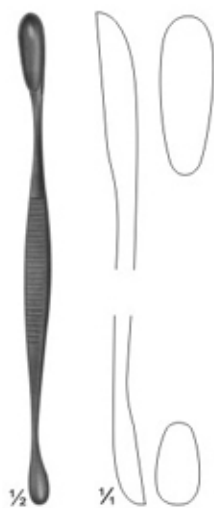
**16-134**  
WILLIGER  
145 mm



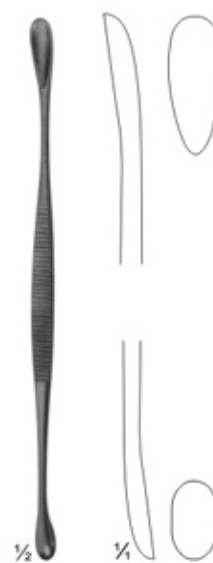
**16-135**  
JANSEN  
160 mm



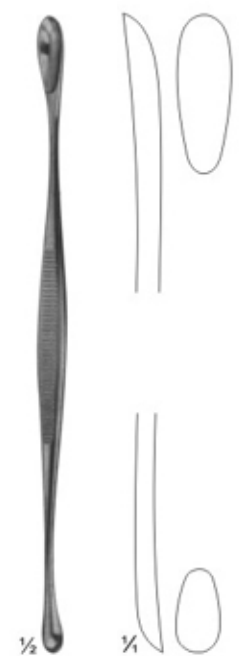
**16-136**  
BARTH  
180 mm



**16-137**  
VOLKMANN  
130 mm



**16-138**  
VOLKMANN  
145 mm



**16-139**  
VOLKMANN  
170 mm

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

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



∅ 20 mm

½

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



∅ 25 mm

½

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



∅ 30 mm

½

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

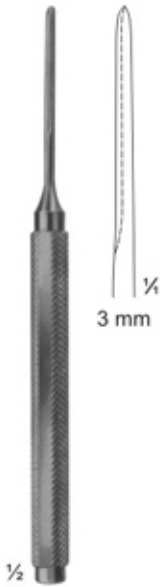


∅ 22 mm

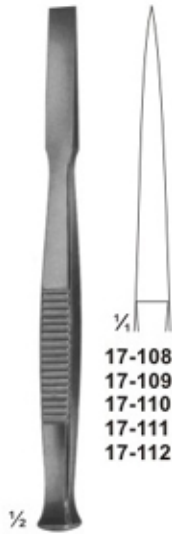
½

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

# Osteotomes, Chisels and Gouges

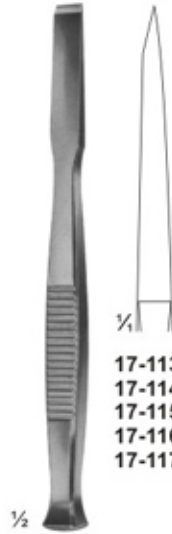


**17-107**  
**MANNERFELT**  
Gouge  
155 mm



**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



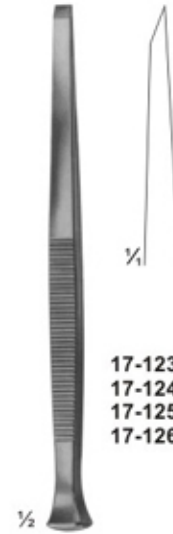
**17-113 - 117**  
Chisels  
140 mm

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



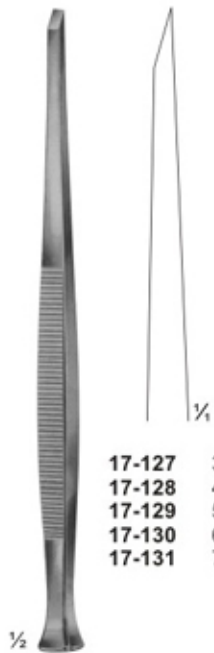
**17-118 - 122**  
Gouges  
140 mm

**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



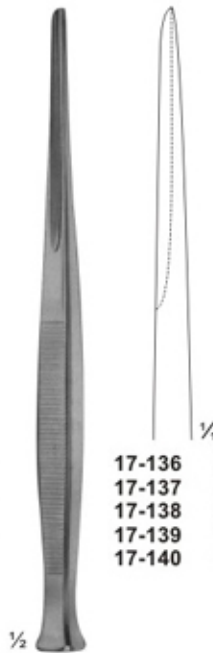
**PARTSCH**  
**17-127 - 131**  
Chisels  
170 mm

**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

## Reposition Forceps, Bone Holding Forceps



**17-145**  
Patella forceps  
185 mm



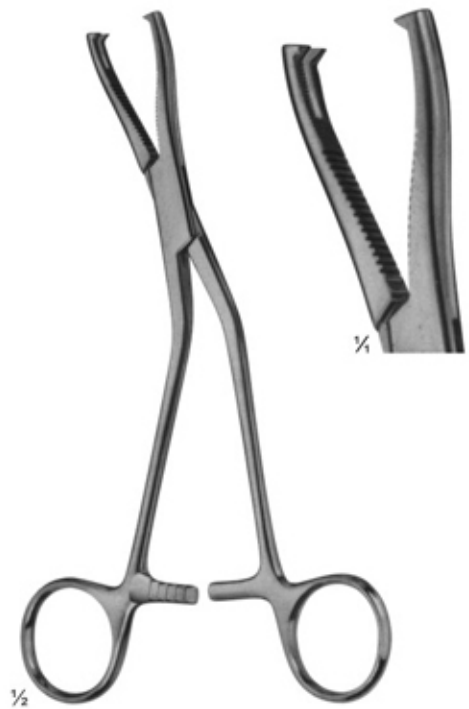
**17-146**  
Forceps with  
ratchet fixation  
140 mm



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



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



**17-149**  
DINGMANN  
185 mm

## Bone Holding Forceps & Bone Clamps



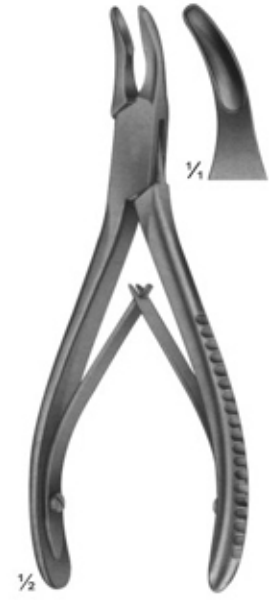
## Bone Rongeurs



**17-158**  
LUER  
150 mm



**17-159**  
LUER  
155 mm



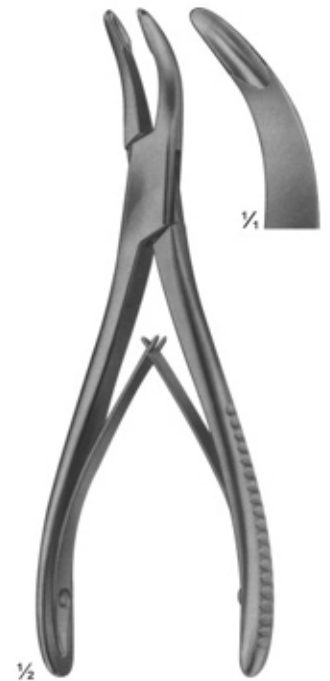
**17-160**  
BLUMENTHAL  
155 mm



**17-161**  
BLUMENTHAL  
150 mm



**17-162 - 163**  
JANSEN  
175 mm



**17-164**  
BANE-HARTMANN  
175 mm

**Bone Rongeurs**



**17-165**  
STILLE  
235 mm

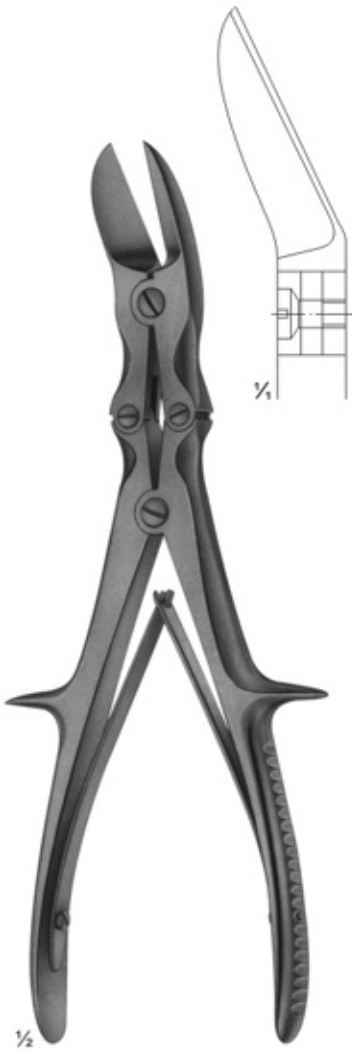


**17-166**  
LEKSELL-STILLE  
240mm

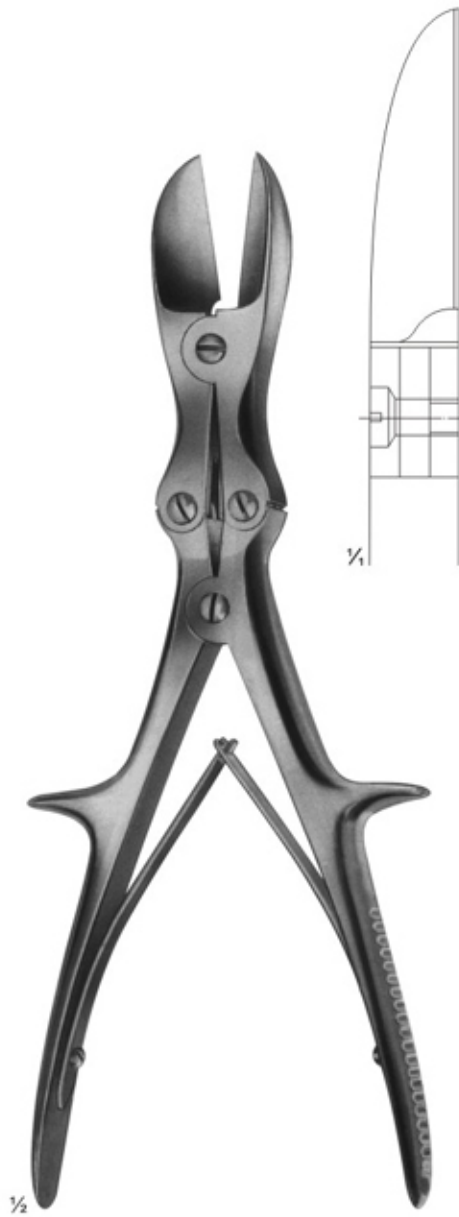


**17-167**  
STILLE-RUSKIN  
240mm

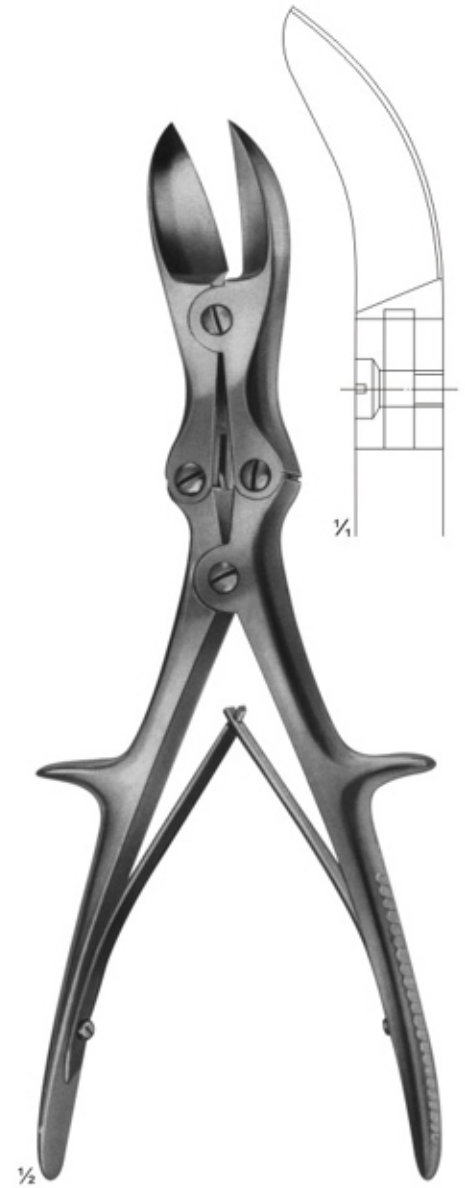
## Bone Cutting Forceps



**17-168**  
LISTON  
curved on flat  
240 mm

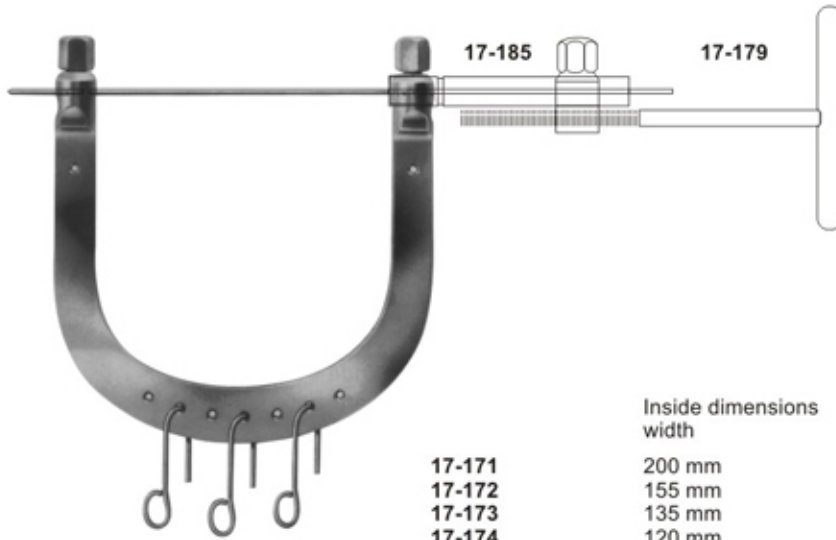


**17-169**  
LISTON  
straight  
280 mm



**17-170**  
LISTON  
curved on flat  
280 mm

# Wire Extension



**17-171 - 17-177**  
**KIRSCHNER**  
 Wire traction bows,  
 to be used with  
 KIRSCHNER-wires  
 up to 2.5 mm diam.,  
 With 3 hooks,  
 stainless steel

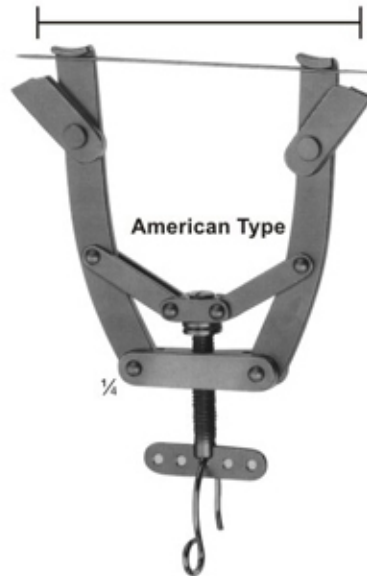
	Inside dimensions width	depth	
17-171	200 mm	155 mm	for the hip
17-172	155 mm	155 mm	for the femur
17-173	135 mm	130 mm	for the knee
17-174	120 mm	120 mm	for the knee
17-175	105 mm	100 mm	for the knee
17-176	95 mm	110 mm	for the calcaneus
17-177	95 mm	70 mm	for the arm and elbow



**17-178**  
 Wrench, double - ended,  
 for wire traction bows



**17-179**  
 Wire tightener, with  
 clamping jaws



<b>17-182</b>	max. 105 mm
<b>17-183</b>	max. 160 mm
<b>17-184</b>	max. 200 mm
<b>17-182</b>	80-95 mm
<b>17-183</b>	90-120 mm
<b>17-184</b>	140-170 mm
diam upto	
<b>17-182</b>	1,6 mm
<b>17-183</b>	2,0 mm
<b>17-184</b>	2,5 mm

**17-182 - 17-184**  
**KIRSCHNER**  
 Wire traction bows, modified,  
 adjustable in width, holds wire  
 securely, with 1 hook



**17-180**  
 Traction hook only,  
 large size

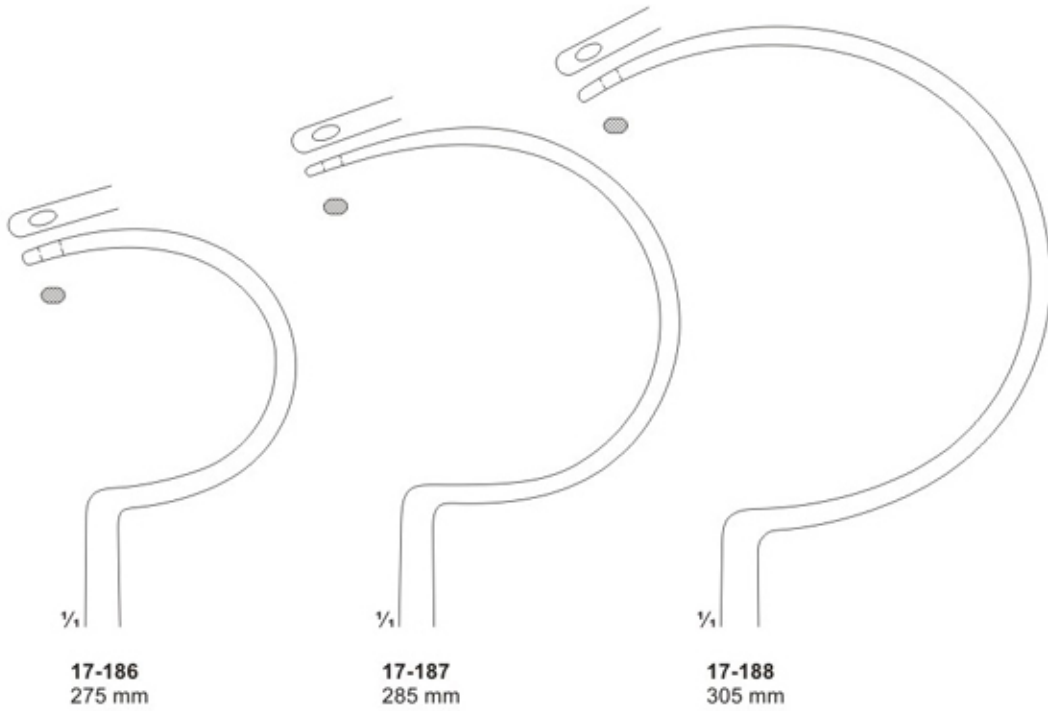


**17-181**  
 Traction hook only,  
 small size

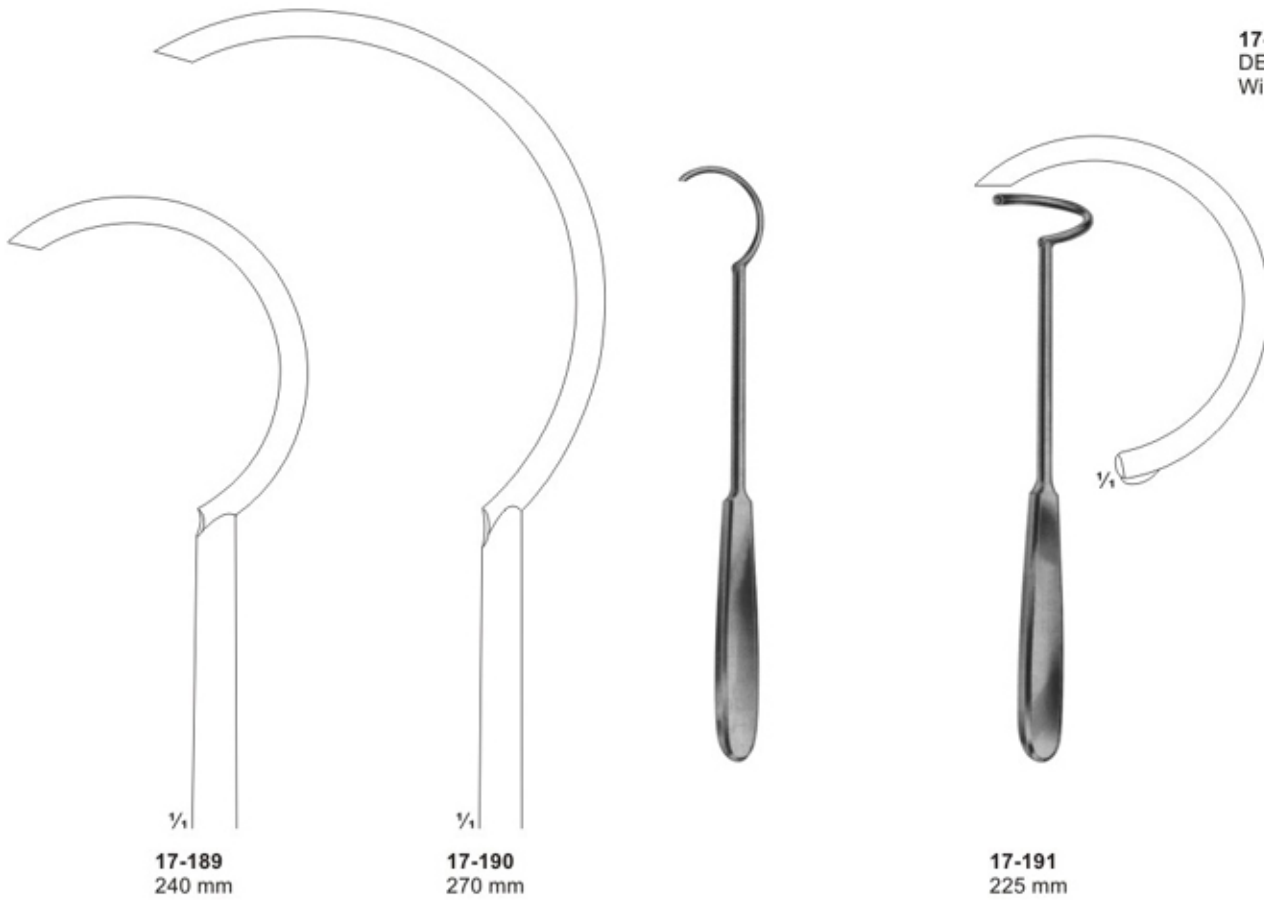


**17-185**  
 Fixation clamp, to secure clamping  
 jaws of 17-179 stainless steel

# Cerclage Instruments



17-186 - 17-188  
DEMEL  
Wire guides



**Wire Holding forceps, Wire Tightening Pliers,  
Flat-nosed Pliers DUROGRIP with Hard Metal  
Inserts**



**17-192**  
DUROGRIP  
Holding forceps for cerclage  
wire, with lateral jaws to avoid  
wire slipping off  
170 mm



**17-193**  
DUROGRIP  
Wire, tightening pliers,  
Ligature pliers  
150 mm



**17-194**  
DUROGRIP  
Wire, tightening pliers,  
Ligature pliers  
150 mm



**17-195**  
with serrated jaws  
140 mm



**17-196**  
one jaw smooth,  
one jaw serrated  
140 mm

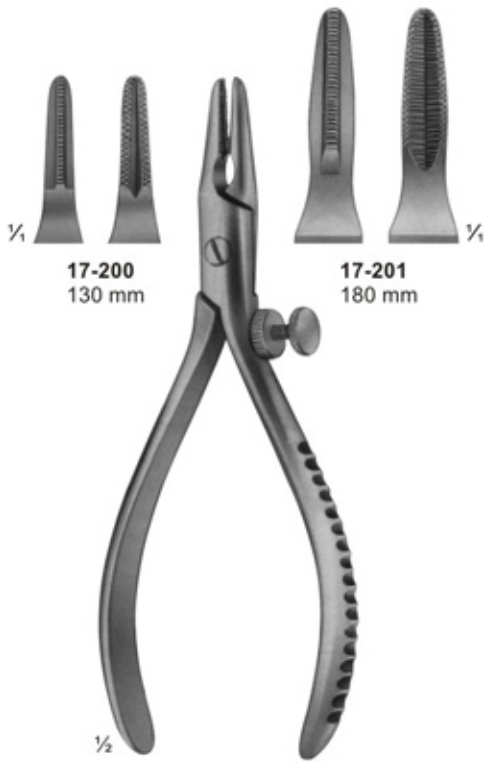


**17-197**  
with serrated jaws  
**17-198**  
with longitudinal and  
transversal grooves  
170 mm



**17-199**  
190 mm

**Wire Holding forceps, Flat-nosed Pliers,  
Pliers for bending and cutting wires**



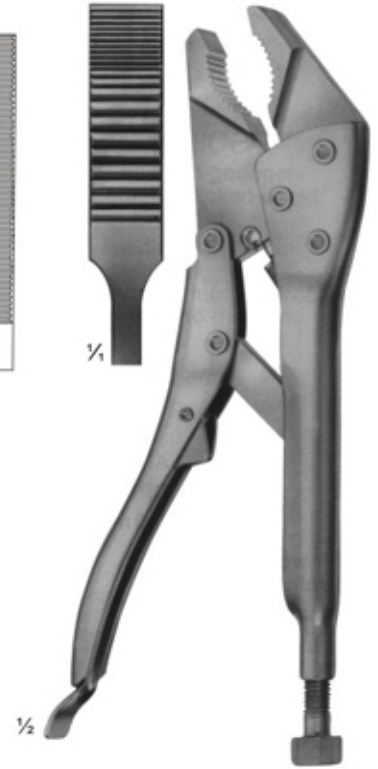
**17-200**  
130 mm

**17-201**  
180 mm

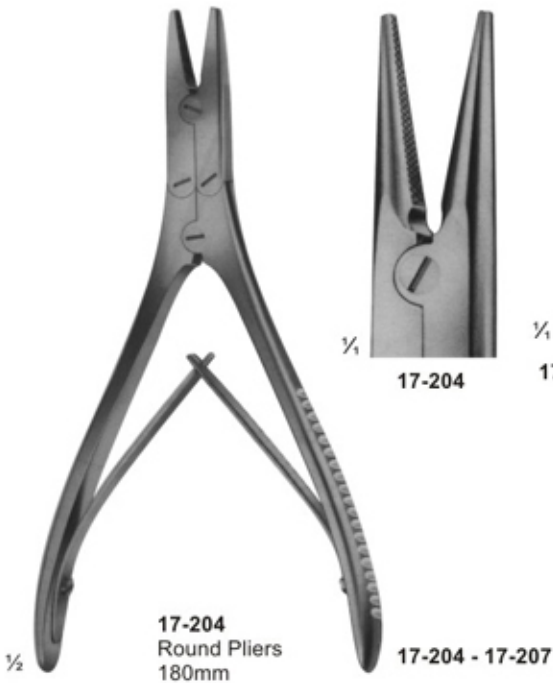
**17-200 - 17-201**  
Extraction pliers  
for boring wires



**17-202**  
Flat-nosed pliers,  
parallel  
185 mm

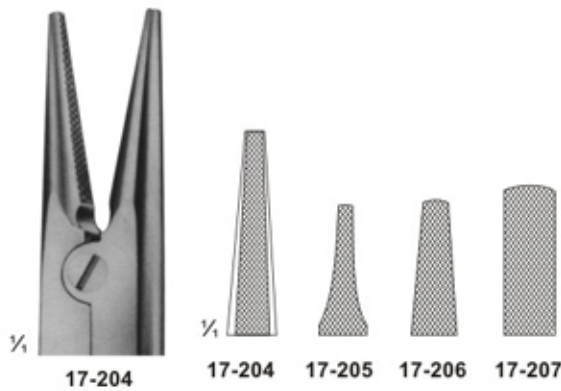


**17-203**  
Vise grip  
200 mm



**17-204**  
Round Pliers  
180mm

**17-204 - 17-207**



**17-205** 145 mm  
**17-206** 180 mm  
**17-207** 180 mm  
Extraction pliers for wires



**17-208**  
Bending pliers  
for wires up to  
1.8 mm diam.

**Wire Cutters and wire Cutting Scissors**  
**DUROTIP with Carbide Cutting Edges**



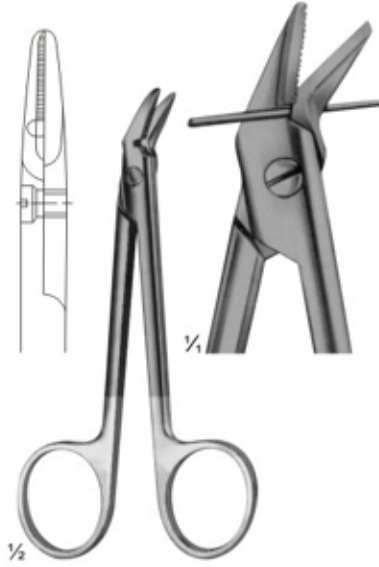
**17-209**  
ANGLE  
130 mm

for soft wire  
up to diam.  
for hard wire  
up to diam.

0,5 mm  
0,3 mm

**17-210**  
DUROTIP  
ANGLE  
130 mm

0,6 mm  
0,4 mm



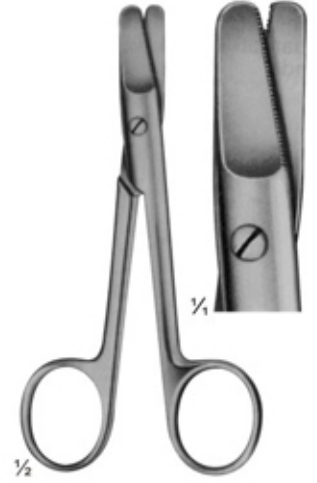
**17-211**  
120 mm

for soft wire  
up to diam.  
for hard wire  
up to diam.

1,2 mm  
0,8 mm

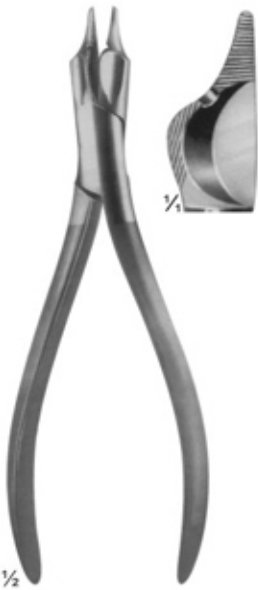
**17-212**  
DUROTIP  
120 mm

1,2 mm  
0,8 mm



**17-213**  
HARVEY  
125 mm

0,4 mm  
0,3 mm



**17-214**  
150 mm

for soft wire  
up to diam  
for hard wire  
up to diam

1,5 mm  
1,0 mm



**17-215**  
160 mm

1,5 mm  
1,2 mm



**17-216**  
140 mm  
DUROTIP  
1,5 mm

1,0 mm

## Wire Cutting Pliers, Lateral Cutting Action



**17-217**  
180 mm

for soft wire  
up to diam. 2,0 mm  
For hard wire 1,5 mm  
up to diam  
specially hardened  
cutting edges, front  
and lateral cutting  
action



**17-218**  
REILL  
175 mm

for soft wire  
up to diam. 2,0 mm  
For hard wire 1,6 mm  
up to diam  
specially hardened  
cutting edges, for  
cutting off wires close  
to the bone



**DUROTIP**

**17-219**  
235 mm

for soft wire  
up to diam. 3,0 mm  
For hard wire 2,2 mm  
up to diam

# Wire Cutting Pliers, Lateral and Front Cutting Action



**17-220**  
240 mm

for soft wire up to diam. 2,0 mm  
For hard wire up to diam 1,6 mm



**17-221**  
145 mm

for soft wire up to diam. 1,5 mm  
For hard wire up to diam 1,0 mm



**17-222**  
145 mm

for soft wire up to diam. 2,0 mm  
For hard wire up to diam 1,5 mm



**17-223**  
220 mm

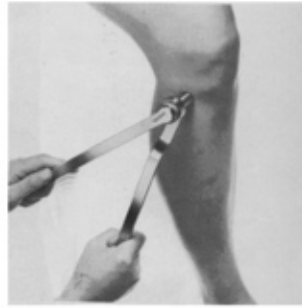
for soft wire up to diam. 3,5 mm  
For hard wire up to diam 2,5 mm

## Wire Cutting Pliers



**17-224**  
320 mm

for soft wire  
up to diam. 3,0 mm  
For hard wire  
up to diam. 3,0 mm



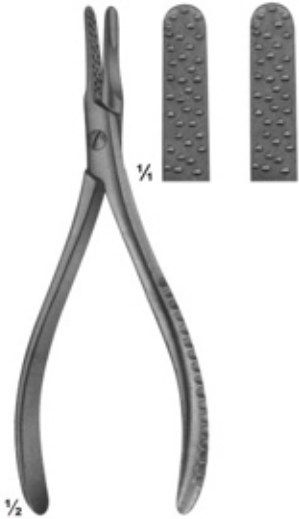
Cutter for cutting off  
KIRSCHNER wires,  
Tibia head screws,  
bolts, pins, up to 3 mm diam.



**DUROTIP**

**17-225**  
Cutter for cutting off  
KIRSCHNER wires,  
Tibia head screws,  
bolts, pins, up to 6 mm diam.  
470 mm

## Finger Nail Instruments



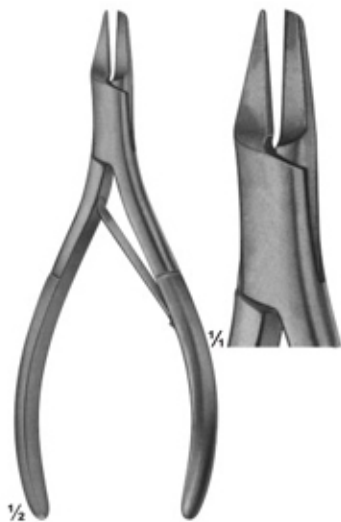
**17-226**  
Nail extracting  
forceps  
135 mm



**17-227**  
Nail extracting  
forceps  
145 mm



**17-228**  
Finger nail drill  
with 3 drill points



**17-231**  
Nail splitting  
forceps  
135 mm



**17-232**  
SYSTRUNK  
Scissors, for splitting  
finger nails  
130 mm



**17-233**  
Finger ring saw  
150 mm

**Plaster Shears**



**17-235**  
STILLE-AESCULAP  
260 mm



**17-236**  
STILLE-AESCULAP  
360 mm

**Plaster Spreader, Plaster Breakers**



**17-237**  
HENING  
270 mm



**17-238**  
MOD.USA  
230 mm



**17-239**  
290 mm

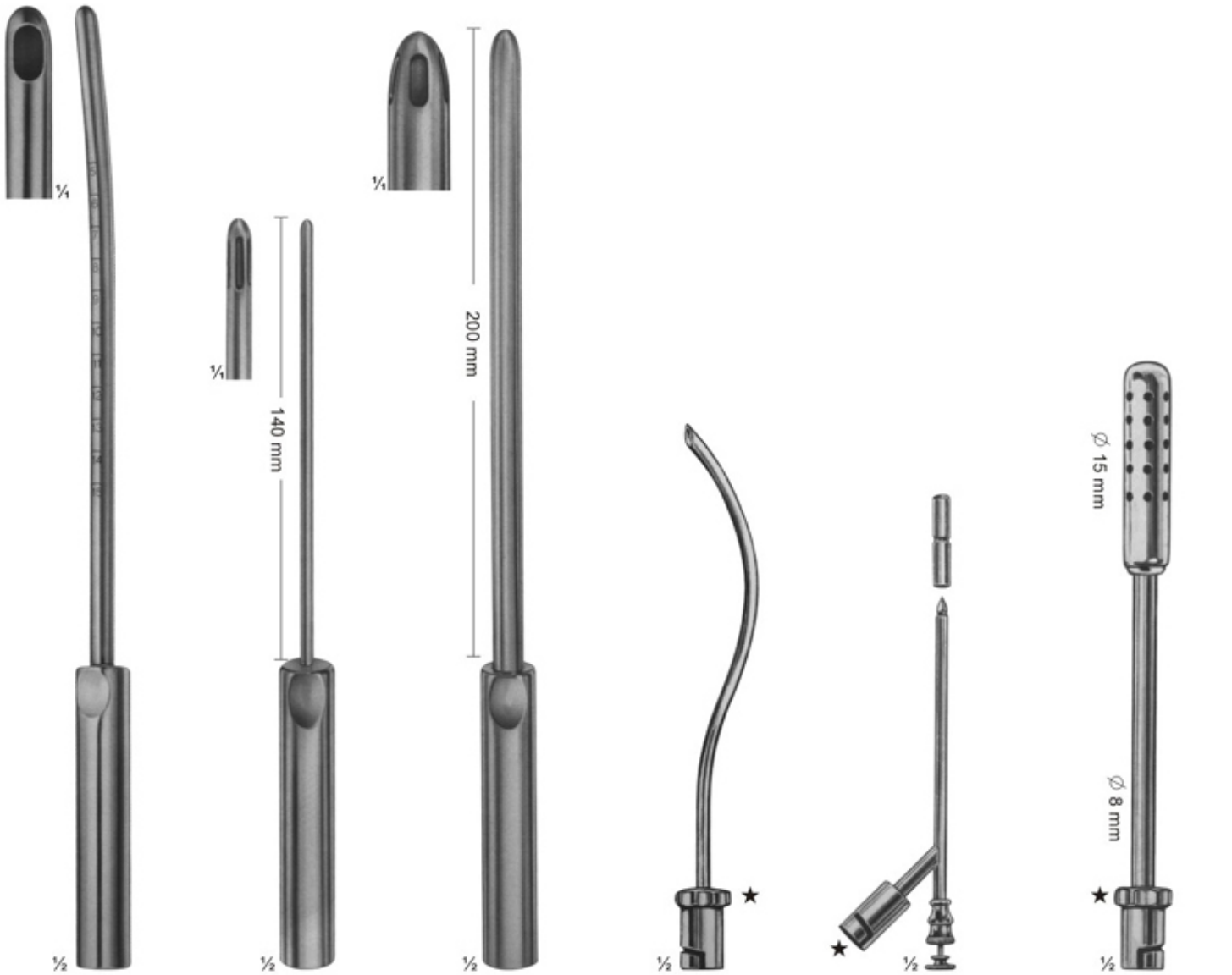


with removable jaws



**17-240 - 17-241**  
WOLFF  
17-240 180 mm  
17-241 240 mm  
plaster breakers

## Vacuum Curettes for Aspiration Lipectomy, Suction Instruments



**18-101 - 18-106**  
BIEMER  
18-101  $\varnothing$  4 mm  
18-102  $\varnothing$  6 mm  
18-103  $\varnothing$  8 mm  
18-104  $\varnothing$  10 mm  
18-105  $\varnothing$  12 mm  
18-106  $\varnothing$  14 mm  
Curettes for aspiration lipectomy, graduated, slightly curved

**18-107 - 18-108**  
BIEMER  
18-107  $\varnothing$  4 mm  
18-108  $\varnothing$  6 mm  
Curettes for aspiration lipectomy, with three apertures, slightly curved malleable

**18-109 - 18-111**  
BIEMER  
18-109  $\varnothing$  8 mm  
18-110  $\varnothing$  10 mm  
18-111  $\varnothing$  12 mm  
Curettes for aspiration lipectomy, with three apertures, slightly curved malleable

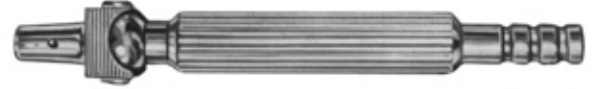
**18-112**  
For aspirating fluid from the excretory ducts of large glands and for keeping the operating area clear  
170 mm

**18-113**  
Trocar  
For puncturing  
150 mm

**18-114**  
For clearing large quantities of fluid  
190 mm

## Suction Instruments

**18-115** 150mm  
Suction handle, with vacuum regulator and finger cut-off, brass, mirror-finish chromium-plated



olive  
Ø9 mm

**18-116** 170mm  
Suction handle, with hand regulation valve and quick-shutter, brass, mirror-finish chromium-plated



Both suction handles have bayonet fitting Olive and can be used for the suction cannulae. Ø9 mm



**18-117**  
Trocar  
For puncturing  
170 mm



**18-118**  
Hollow needle,  
sharp  
150 mm



**18-119**  
double curved  
For general  
surgery  
230 mm



**18-120**  
For tonsillectomy,  
oral and laryngeal  
operations  
190 mm



**18-121**  
For tonsillectomy,  
oral and laryngeal  
operations  
220 mm

★ With bayonet fitting to be used with suction handles (18-115 - 18-116)

# Suction Instruments

**18-122**  
WULLSTEIN  
Suction tube, conical, silver, olive  
with LUER hub  
160 mm

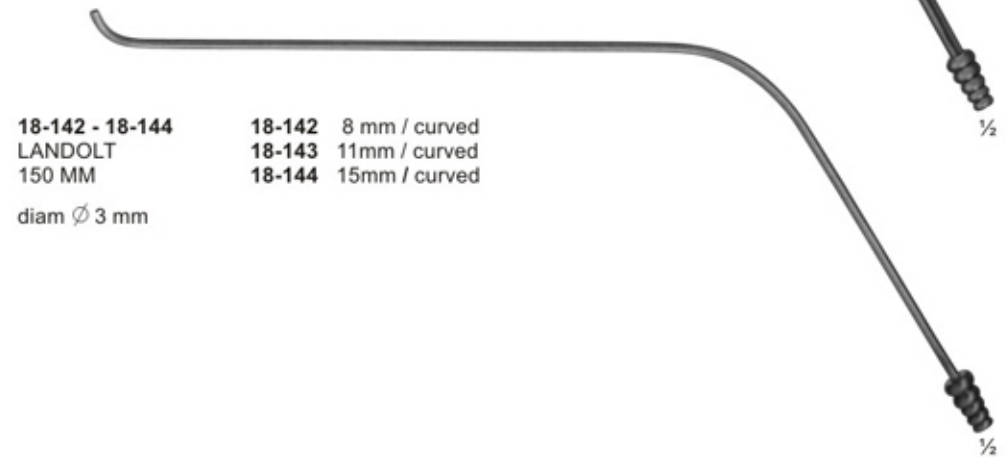


**18-123** 1,5 mm  
**18-124** 2,0 mm  
WULLSTEIN  
Suction tube, cylindrical, silver, with  
stylet olive with LUER hub  
160 mm



Usable length

YASARGIL usable length diam.		YASARGIL usable length diam.	
<b>18-125</b>	130 mm 1,5 mm	<b>18-133</b>	130 mm 2,5 mm
<b>18-126</b>	150 mm 1,5 mm	<b>18-134</b>	150 mm 2,5 mm
<b>18-127</b>	180 mm 1,5 mm	<b>18-135</b>	180 mm 2,5 mm
<b>18-128</b>	220 mm 1,5 mm	<b>18-136</b>	220 mm 2,5 mm
<b>18-129</b>	130 mm 2,0 mm	<b>18-137</b>	130 mm 3,5 mm
<b>18-130</b>	150 mm 2,0 mm	<b>18-138</b>	150 mm 3,5 mm
<b>18-131</b>	180 mm 2,0 mm	<b>18-139</b>	180 mm 3,5 mm
<b>18-132</b>	220 mm 2,0 mm	<b>18-140</b>	220 mm 3,5 mm
		<b>18-141</b>	180 mm 4,5 mm



**18-142 - 18-144**  
LANDOLT  
150 MM  
diam  $\varnothing 3 \text{ mm}$

**18-142** 8 mm / curved  
**18-143** 11mm / curved  
**18-144** 15mm / curved

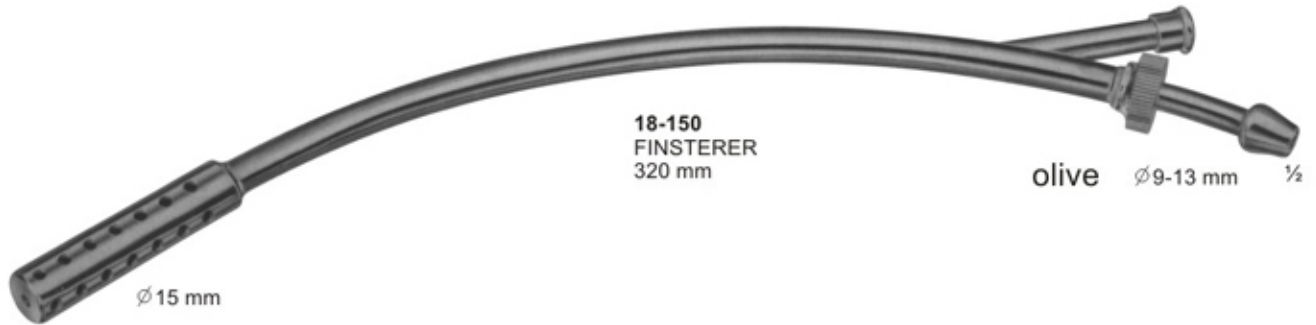


**18-145** 500 mm  
**18-146** 350 mm  
with rubber tip,  
with LUER hub

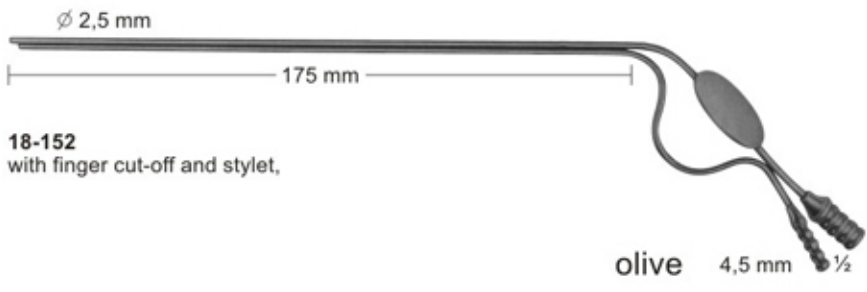
**18-147** 2,0 mm diam  
**18-148** 2,5 mm diam  
**18-149** 3,0 mm diam  
with finger cut-off,  
thumb piece 90° to  
curve, with LUER hub  
250 mm



**Combined Suction and Irrigation Cannulae,  
Coagulation Suction Cannulae**



**18-151**  
**YASARGIL**  
LUER-LOCK cone  
200 mm

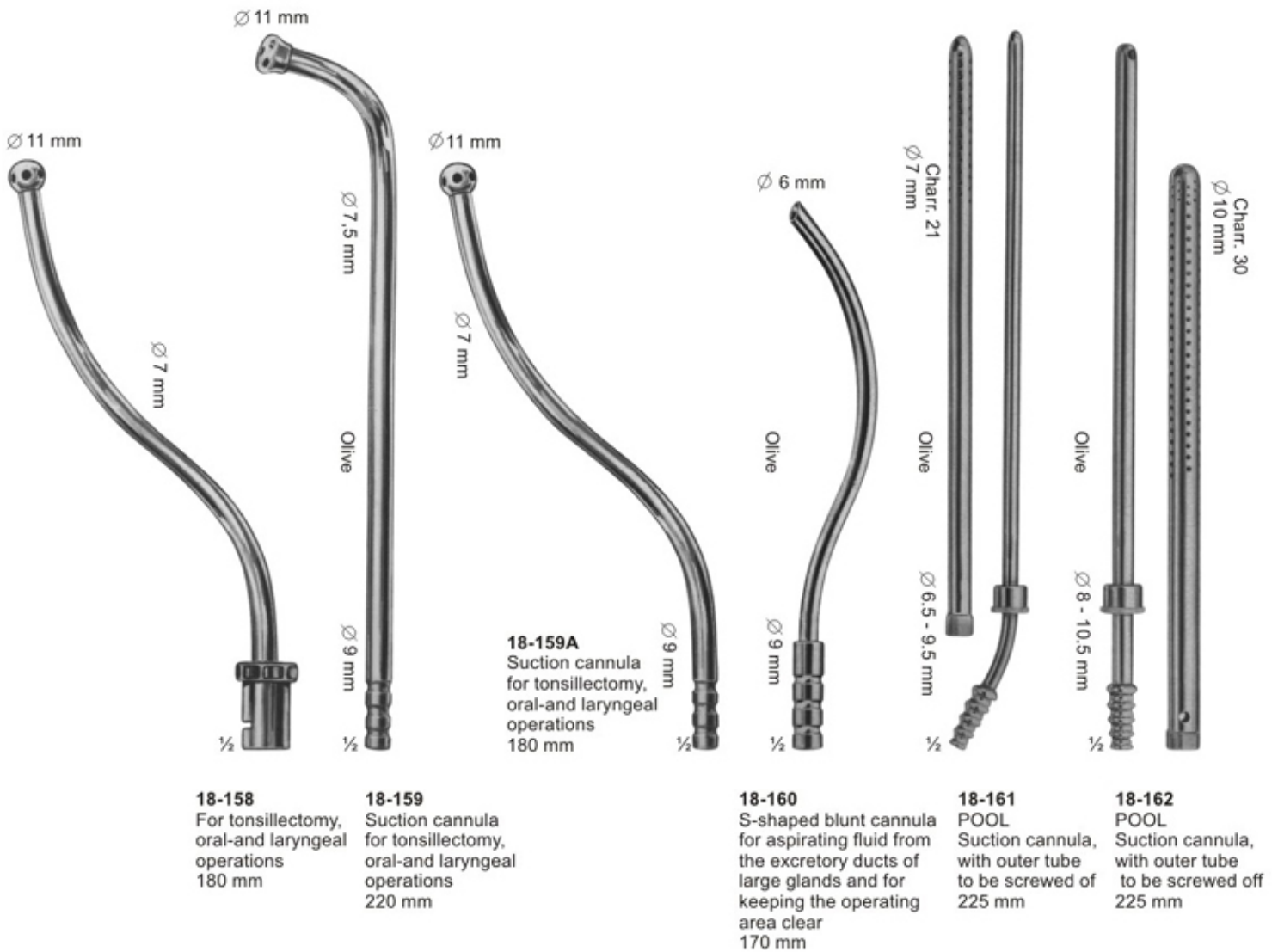


**18-153 - 18-155**  
**HOUSE**

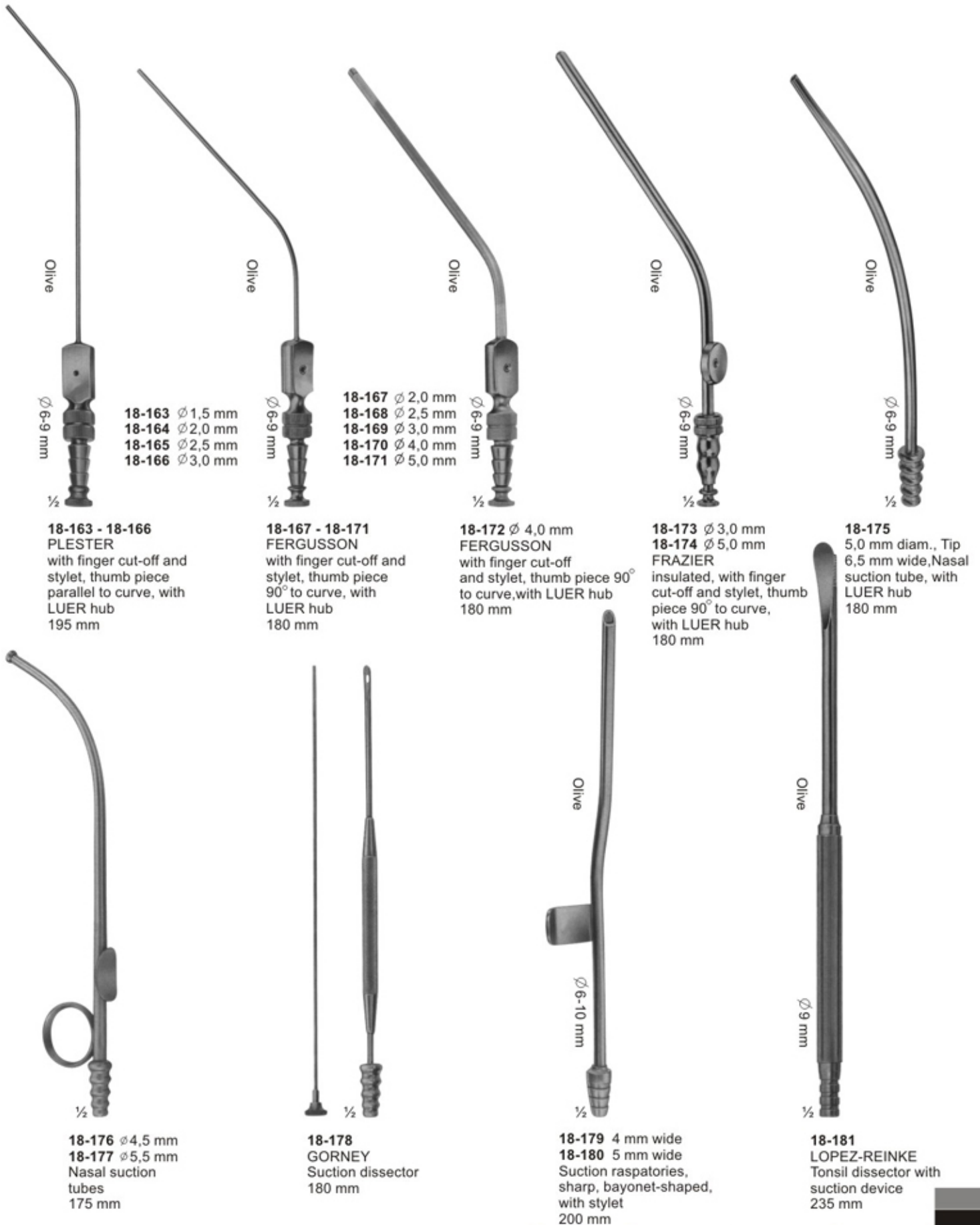


4 mm diam., Untarnished contact to be touched by HF-electrodes

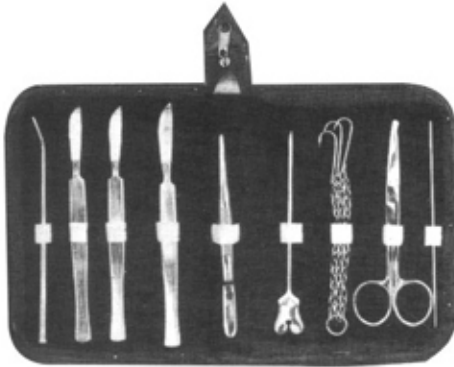
## Suction Instruments



## Suction Instruments

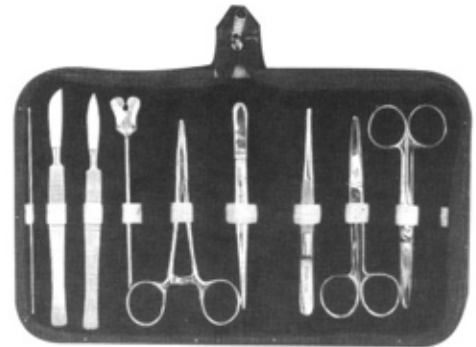


## Dissection Instruments



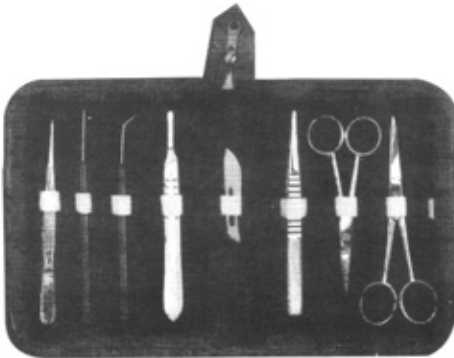
### 18-182

- 1- Blow pipe .
- 2- 3 PCS .scalpel.
- 3- Dissecting forcep 13 cm.
- 4- Grooved director with tounge tie 13 cm.
- 5- Triple chain hook.
- 6- Dressing scissors probe pointed 13 cm.
- 7- Probe double 13 cm.
- 8- Zipper case inside red velvet.



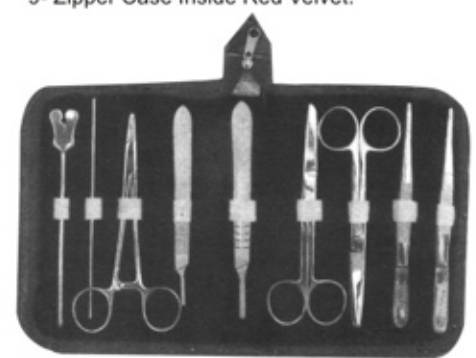
### 18-183

- 1- Probe Double 13 cm
- 2- 2 PCS. Scalpel S.S
- 3- Grooved Director With tongue Tie 13 cm
- 4- Mayo Hegar Needle Holder 13cm
- 5- Disscting Forcep 13 cm 1x2 Teeth
- 6- Dressing Forcep 13 CMS Serrated.
- 7- Dressing Scissor 13 cm S/B STR.
- 8- Dressing Scissor 13 cm S/B CVD.
- 9- Zipper Case Inside Red Velvet.



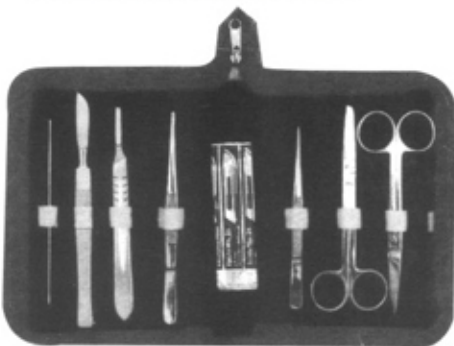
### 18-184

- 1- Dissecting Forcep 11.5 cm Sharp Point.
- 2- Iris Scissor
- 3- B.P Handle No. 4
- 4- Teasing Needle Sharp angular.
- 5- Blade No. 22
- 6- Thumb Forceps T.O.E 13 cm
- 7- Dissecting Scissor STR 11.5 cm
- 8- Dissecting Scissor STR 13 cm
- 9- Zipper case Inside Red Velvet



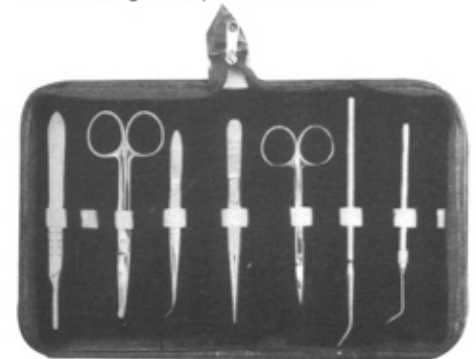
### 18-185

- 1- Grooved Director with Tongue Tie 14 cm
- 2- Probe Double 14cm
- 3- Mayo Hegar Needle Holder 14 cm
- 4- BP. Handle no.3
- 5- BP. Handle no.4
- 6- Dressing Scissor 14 cm S/B STR
- 7- Dressing Scissor 14 cm S/B CVD.
- 8- Dressing Forcep 1x2 Teeth 14 cm
- 9- Dressing Forcep Serrated 14 cm



### 18-186

- 1- Probe double 12.5 cm
- 2- Scalpel
- 3- B.P Handle No. 4
- 4- 6 PCS Blade 2 each no. 21, 22, 23
- 5- Dissecting Forcep 12.5 cm
- 6- Dissecting Forcep 11.5 cm sharp Point
- 7- Dissecting Scissor S/B STR 13 cm
- 8- Dissecting Scissor S/S STR 13 cm



### 18-187

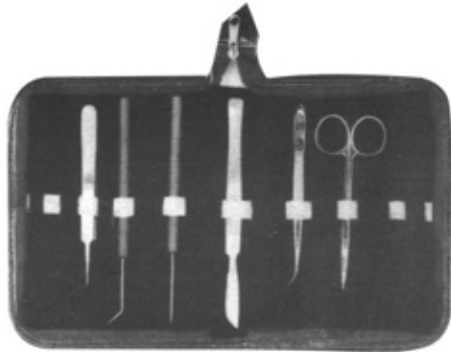
- 1- Teasing Needle with Chuck CVD.
- 2- Huber Probe
- 3- Iris Scissor
- 4- Dissecting Forcep Fine 14 cm.
- 5- Dissecting Forcep Fine CVD. 12 cm
- 6- Operating Scissor with Probe 14 cm.
- 7- B.P. Handle no. 4

## Dissection Instruments



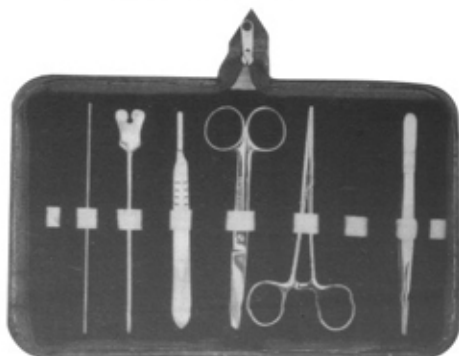
### 18-188

- 1- Probe with eye
- 2- Dissecting Forcep cvd fine 12 cm.
- 3- Iris Scissor
- 4- Operating Scissor S/B str 14 cm
- 5- Grooved Director and Tongue tie
- 6- Huber Probe
- 7- Triple Chain Hook
- 8- B.P Handle No. 4
- 9- B.P Handle No. 3
- 10- Teasing Needle with Chuck cvd.
- 11- Teasing Needle with Chuck str.
- 12- Dissecting Forceps Fine 14 cm.



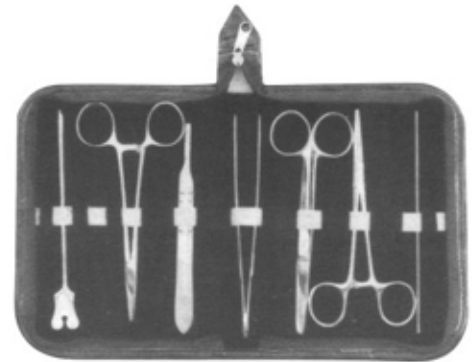
### 18-190

- 1- Iris Scissor STR
- 2- Dissecting Forceps CVD 12 cm.
- 3- Scapel
- 4- Teasing Needle STR wooden handle.
- 5- Teasing Needle CVD wooden handle.
- 6- Watchmaker fine point.



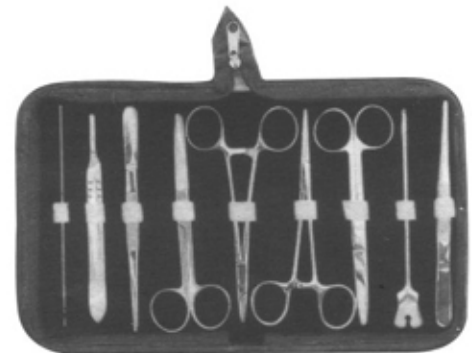
### 18-192

- 1- Probe double end.
- 2- Grooved director and tounge tie.
- 3- B.P handle no.4
- 4- Operating scissor STR S/b14cm.
- 5- Kelly forceps STR 14cm.
- 6- Dissecting forceps thumb 13cm.



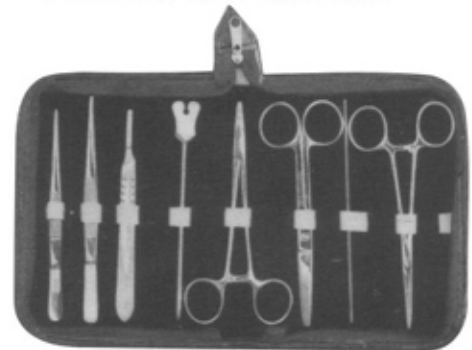
### 18-189

- 1- Grooved Director and Tongue tie
- 2- Mayo Hearg Needle Holder 14 cm
- 3- B.P Handle No. 4
- 4- Dissecting Forceps Thump 14 cm.
- 5- Operating Scissor S/B str 14 cm
- 6- Kelly Forcep STR 14 cm.
- 7- Probe Double end



### 18-191

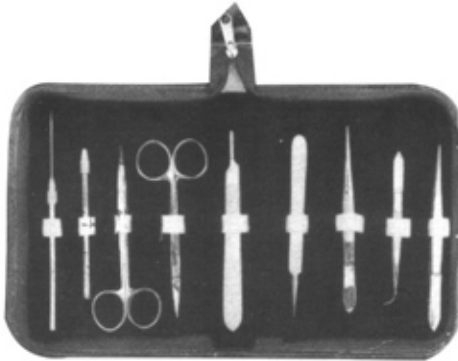
- 1- Probe Double end
- 2- B.P Handle No. 4
- 3- Dissecting Forcep 1x2 Teeth 14 cm.
- 4- Operating Scissor S/B str 14 cm
- 5- Mayo Hearg Needle Holder 14 cm
- 6- Kelly Forcep STR 14 cm.
- 7- Operating Scissor S/B CVD 14 cm
- 8- Grooved Director and Tongue tie
- 9- Dissecting Forceps Thumb 14 cm.



### 18-193

- 1- Dissecting Forceps Thumb 14 cm
- 2- Dissecting Forcep 1x2 Teeth 14 cm.
- 3- B.P Handle No. 3
- 4- Grooved Director and Tongue tie
- 5- Mayo Hearg Needle Holder 14 cm
- 6- Operating Scissor S/B str 14 cm
- 7- Probe Double end
- 8- Kelly Forcep STR 14 cm.

## Dissection Instruments



### 18-194

- 1- Dissecting Forcep Fine 14cm.
- 2- Dissecting Forcep Fine CVD 12cm
- 3- Dissecting Forcep with Pin 14cm.
- 4- Watchmaker Fine point
- 5- Iris scissor STR
- 6- Iris scissor CVD.
- 7- Teasing Needle holder
- 8- Teasing Needle STR.
- 9- B.P. Handle no. 3



### 18-195

- 1- Teasing Needle STR.
- 2- Grooved Director and Tongue Tie.
- 3- Teasing Needle CVD.
- 4- Dissecting Forcep with Pin 12 cm Fine
- 5- Operating Scissor S/B STR 14 cm
- 6- Triple Chain Hook
- 7- Probe with eye
- 8- Probe Double end
- 9- Probe and Hook
- 10- Dissecting Forcep Fine 14 cm
- 11- Iris Scissor
- 12- Huber Probe
- 13- B.P. Handle no.3
- 14- B.P. Handle no.4



### 18-196

- 1- Dissecting forcep fine STR with pin 12cm.
- 2- Iris scissor STR.
- 3- Probe with eye.
- 4- Probe and hook.
- 5- Operating scissor S/B STR 14cm
- 6- Triple chain hook.
- 7- B.P. handle no.4
- 8- Humber probe.
- 9- B.P.handle no.3
- 10- Teasing needle STR plastic handle.
- 11- Teasing needle CVD plastic handle.
- 12- Grooved director and tongue tie.
- 13- Probe double end.



### 18-197

- 1- Dissecting Forceps Thumb 14 cm.
- 2- Dissecting Forcep 1x2 Teeth 14 cm.
- 3- B.P Handle No. 3
- 4- Grooved Director and Tongue tie
- 5- Mayo Hearn Needle Holder 14 cm
- 6- Operating Scissor S/B str 14 cm
- 7- Probe Double end
- 7- Kelly Forcep STR 14 cm.



**19-101 - 115**  
Schimmelbusch

	Ø x H sizes in mm
<b>19-101</b>	80 x 80
<b>19-102</b>	105 x 120
<b>19-103</b>	140 x 140
<b>19-104</b>	160 x 120
<b>19-105</b>	160 x 150
<b>19-106</b>	190 x 150
<b>19-107</b>	190 x 190
<b>19-108</b>	240 x 160
<b>19-109</b>	240 x 240
<b>19-110</b>	290 x 160
<b>19-111</b>	290 x 240
<b>19-112</b>	340 x 160
<b>19-113</b>	340 x 340
<b>19-114</b>	390 x 190
<b>19-115</b>	390 x 290



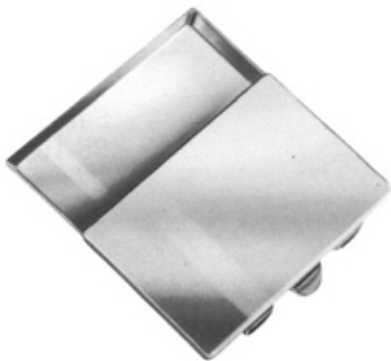
**19-116**  
Box  
120 x 65 x 13mm  
(without Bulldog clamps,  
without silicone tape)



**19-117**  
Box with support  
120 x 65 x 13 mm  
(ohne Bulldogklemmen)



**19-118**  
Box with support for  
needle electrodes,  
without instruments



**19-119 - 121**  
50 x 25 x 4,5 mm  
**19-120**  
65 x 42 x 8 mm  
**19-121**  
75 x 25 x 4,5 mm



**19-122**  
Ø 65mm x 15mm



19-123 - 131

	Ø x H
19-123	30 x 90 mm
19-124	50 x 100 mm
19-125	50 x 130 mm
19-126	50 x 175 mm
19-127	75 x 100 mm
19-128	75 x 130 mm
19-129	75 x 175 mm
19-130	100 x 175 mm
19-131	100 x 200 mm



19-141 - 142

- 19-141 Martin Sterilizing Forceps consisting of:  
1 Sterilizing Forceps, curved, 25 cm, without ratchet, with lid for jar  
1 jar with bottom plate (anti-tilt)
- 19-142 ditto, with 32 cm long Sterilizing Forceps



19-132 - 139

19-132	165 x 85 x 35 mm
19-133	200 x 100 x 35 mm
19-134	200 x 100 x 50 mm
19-135	230 x 130 x 50 mm
19-136	260 x 150 x 50 mm
19-137	270 x 235 x 50 mm
19-138	300 x 200 x 50 mm
19-139	325 x 275 x 50 mm



19-140  
205 x 105 x 35 mm

## Round Metal Boxes and Medicine Cups



19-143 - 148

	Ø x H
19-143	75 x 60 mm
19-144	75 x 75 mm
19-145	100 x 60 mm
19-146	100 x 100 mm
19-146A	125 x 80 mm
19-147	125 x 125 mm
19-148	150 x 150 mm



19-149  
25 cc

19-150  
50 cc



19-151  
20 cc  
Medicine Spoon



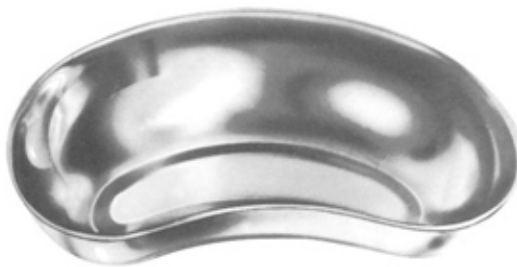
19-152  
Ø 75 x 12 mm  
Tablet Tray



19-153  
Ø 90 x 90 mm  
Metal Cup



19-154  
Ø 75 x 80 mm  
Sputum Cup



Kidney Dish



19-155 - 157

19-155	170 x 100 x 35 mm
19-156	250 x 140 x 40 mm
19-157	275 x 150 x 45 mm

## Hospital Wares



**19-158 - 165**



**19-166 - 170**

	Ø x H	
<b>19-158</b>	40 x 19 mm	0.05L
<b>19-159</b>	61 x 30 mm	0.07L
<b>19-160</b>	80 x 40 mm	0.14L
<b>19-161</b>	116 x 50 mm	0.35L
<b>19-162</b>	128 x 55 mm	0.45L
<b>19-163</b>	147 x 65 mm	0.70L
<b>19-164</b>	167 x 75 mm	1.10L
<b>19-165</b>	187 x 85 mm	1.60L

<b>19-166</b>	116 x 35 mm	0.30L
<b>19-167</b>	128 x 38 mm	0.40L
<b>19-168</b>	147 x 40 mm	0.50L
<b>19-169</b>	157 x 45 mm	0.75L
<b>19-170</b>	187 x 45 mm	1.00L



**19-171**  
Ø 110 x 28 mm 0.15L



**19-172**  
100 cc 0.1L



**19-173 - 176**  
**19-173** 0,25L  
**19-174** 0,50L  
**19-175** 1,00L  
**19-176** 2,00L



**19-177**  
235 x 190 x 40 mm



**19-178**  
Ø 220 x 70 mm



**19-179**  
∅ 50 x 100 mm  
Powder Pot



**19-180**  
∅ 50 x 75 mm  
Methot With Lid



**19-181**  
∅ 50 x 75 mm  
Methot Without Lid



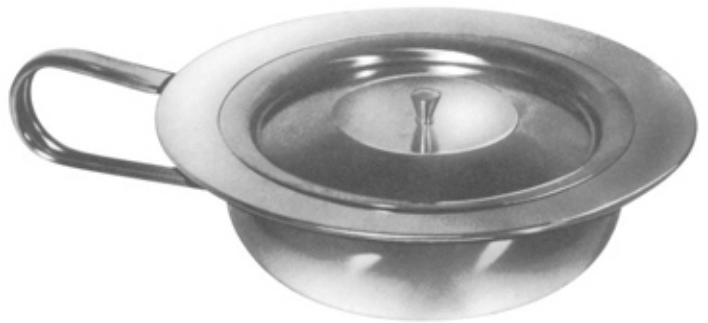
**19-182**



**19-183**



**19-184**



**19-185 - 186**

**19-185** ∅ 235 mm  
**19-186** ∅ 310 mm

## Needle Cases



**19-187**  
Sauerbruch  
210 x 125 x 17 mm



**19-188**  
Sauerbruch  
210 x 125 x 17 mm



**19-189**  
150 x 95 x 13 mm



**19-190**  
150 x 95 x 13 mm



**19-191**  
150 x 95 x 13 mm



**19-192**  
150 x 95 x 13 mm



**19-193**  
150 x 95 x 13 mm



**19-194**  
150 x 95 x 13 mm



**19-195**  
150 x 95 x 11 mm

## Storing Cases



19-199 - 209

19-199	230 x 130 x 50	mm
19-200	260 x 150 x 50	mm
19-201	275 x 235 x 50	mm
19-202	300 x 200 x 50	mm
19-203	325 x 275 x 50	mm
19-204	420 x 175 x 50	mm
19-205	230 x 130 x 75	mm
19-206	260 x 150 x 75	mm
19-207	300 x 200 x 75	mm
19-208	325 x 275 x 75	mm
19-209	420 x 175 x 75	mm



**19-196**  
Deponette  
245 x 135 x 35mm

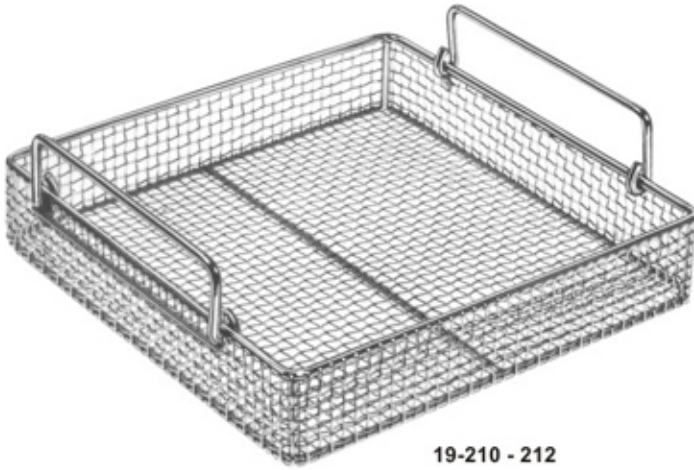


**19-197**  
Deponette  
245 x 135 x 50mm



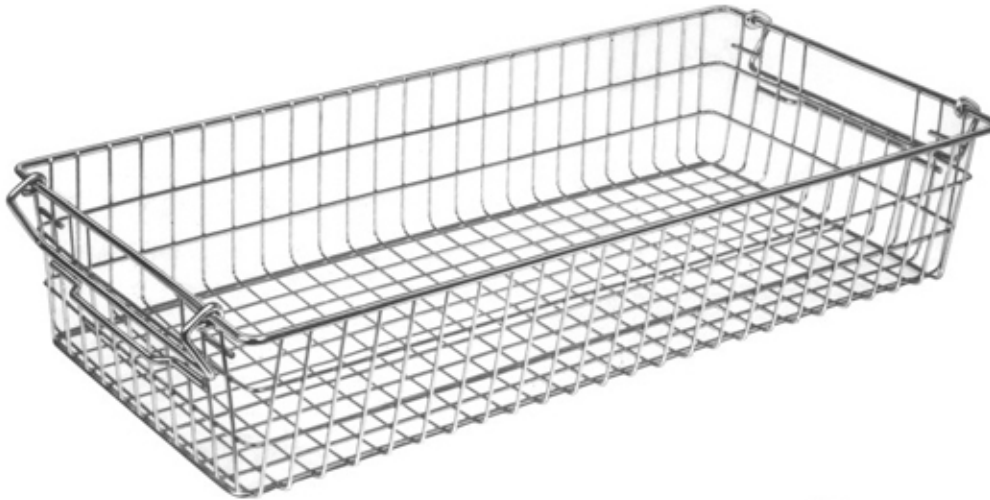
**19-198**  
Deponette  
245 x 135 x 60mm

## Sterilizing Baskets / Trays

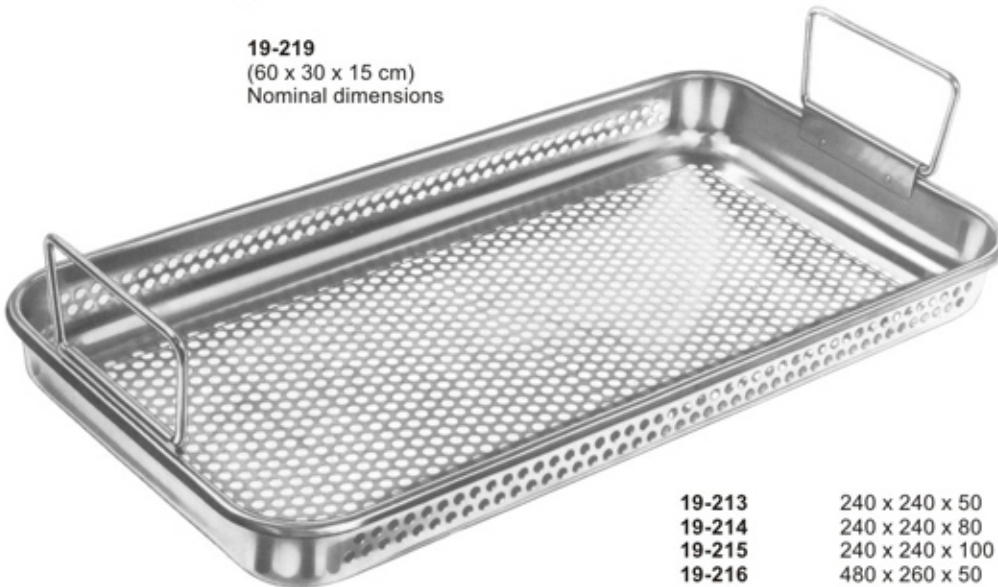


19-210 - 212

19-210	480 x 250 x 50	mm
19-211	520 x 250 x 75	mm
19-212	520 x 250 x 100	mm



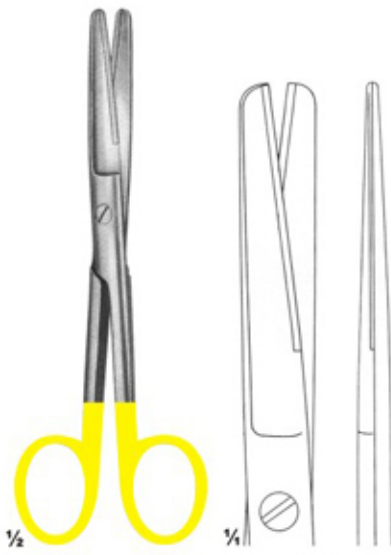
**19-219**  
(60 x 30 x 15 cm)  
Nominal dimensions



19-213 - 218

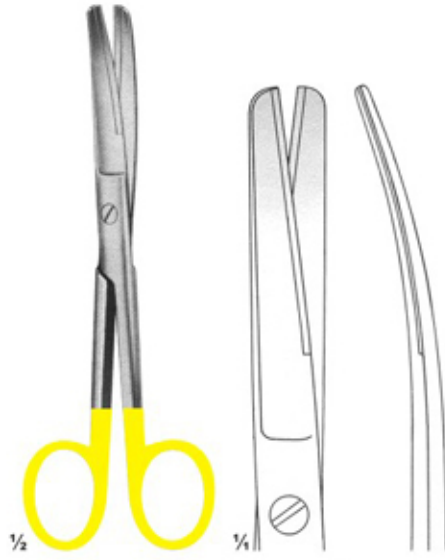
19-213	240 x 240 x 50	mm
19-214	240 x 240 x 80	mm
19-215	240 x 240 x 100	mm
19-216	480 x 260 x 50	mm
19-217	520 x 260 x 80	mm
19-218	520 x 260 x 100	mm

## Scissors with Tungsten Carbide Inserts



**26-101**  
Standard

14,5cm  
16,5cm  
18,5cm



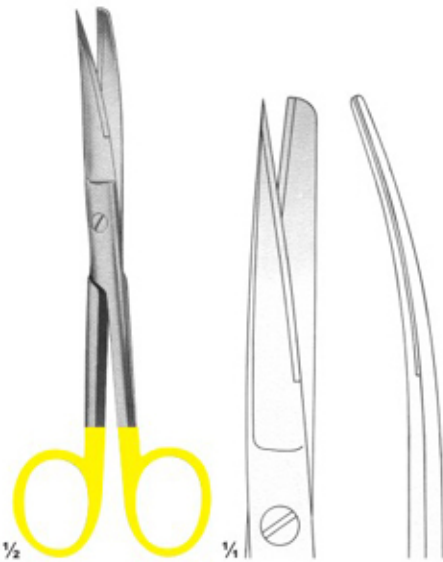
**26-102**  
Standard

14,5cm  
16,5cm  
18,5cm



**26-103**  
Standard

14,5cm  
16,5cm  
18,5cm



**26-104**  
Standard

14,5cm  
16,5cm  
18,5cm



**26-105**  
Standard

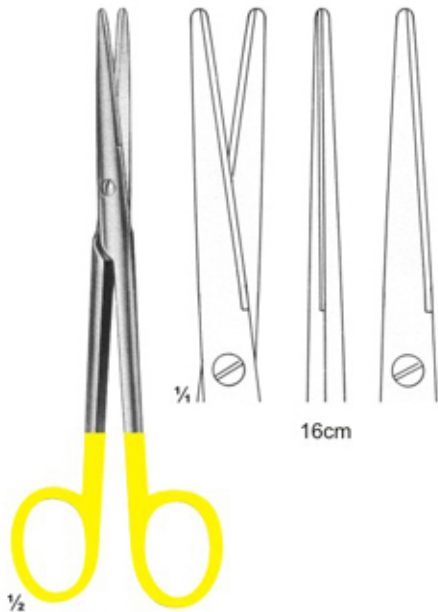
14,5cm  
16,5cm  
18,5cm



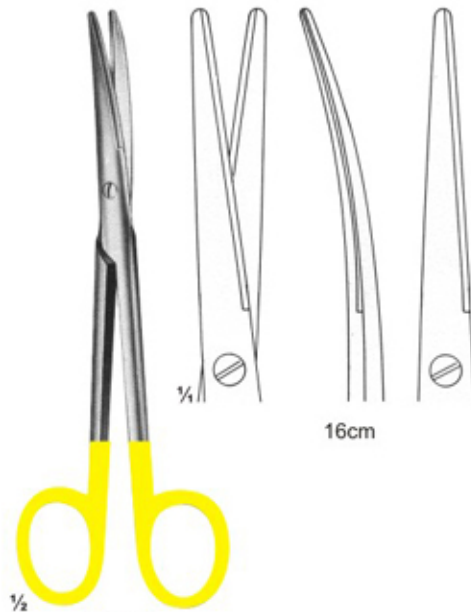
**26-106**  
Standard

14,5cm  
16,5cm  
18,5cm

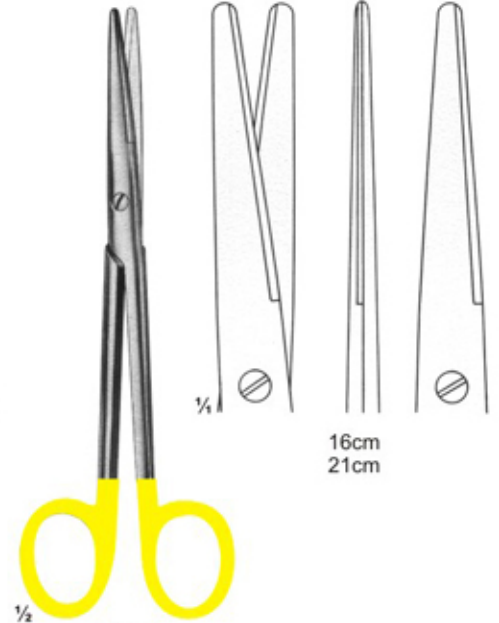
## Scissors with Tungsten Carbide Inserts



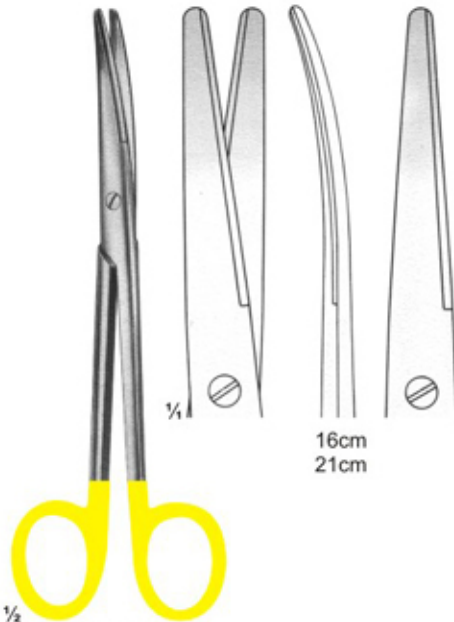
1/2  
**26-107**  
Mayo-Lexer



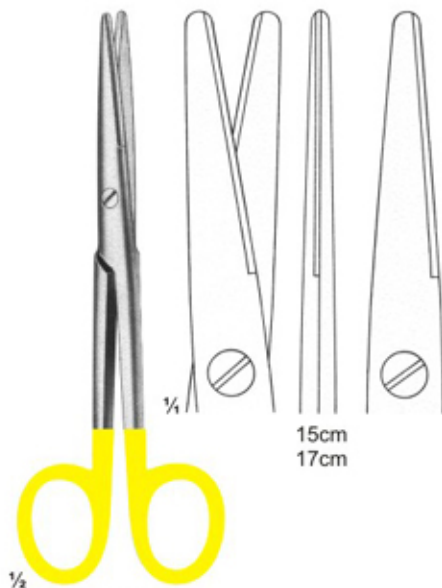
1/2  
**26-108**  
Mayo-Lexer



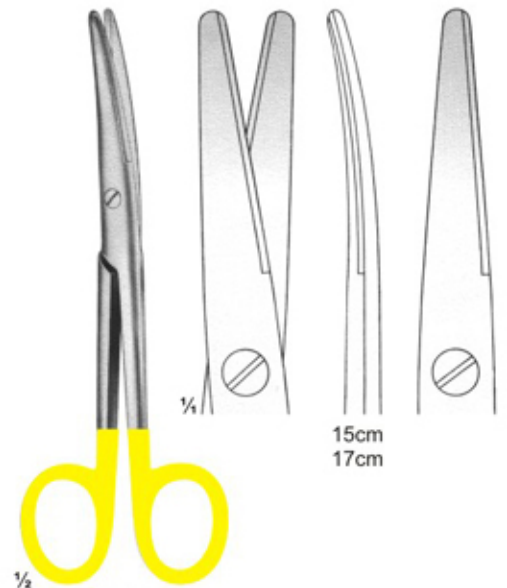
1/2  
**26-109**  
Lexer



1/2  
**26-110**  
Lexer

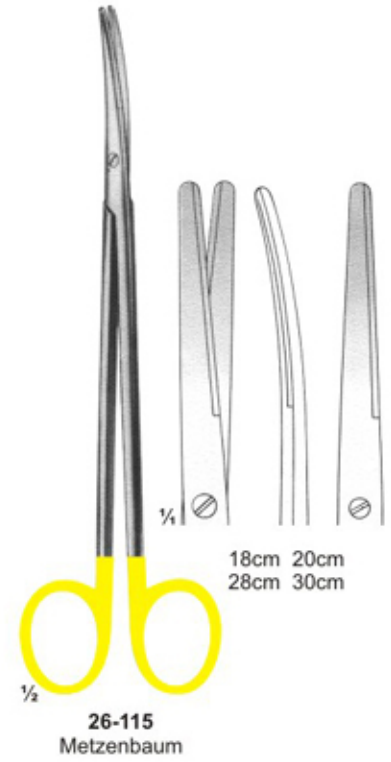
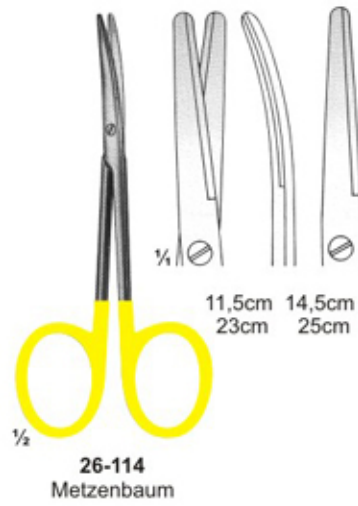
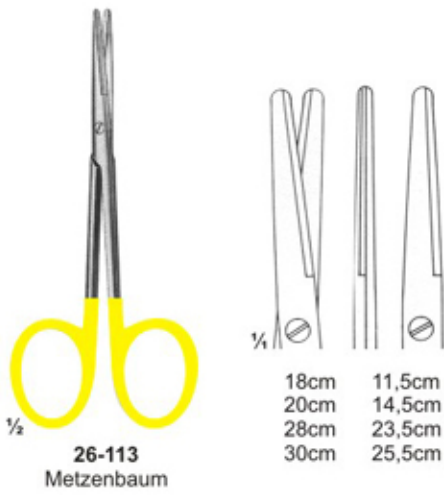


1/2  
**26-111**  
Mayo-Stille

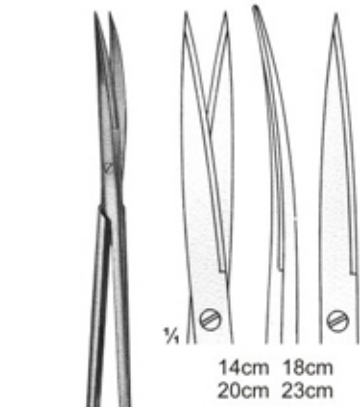


1/2  
**26-112**  
Mayo-Stille

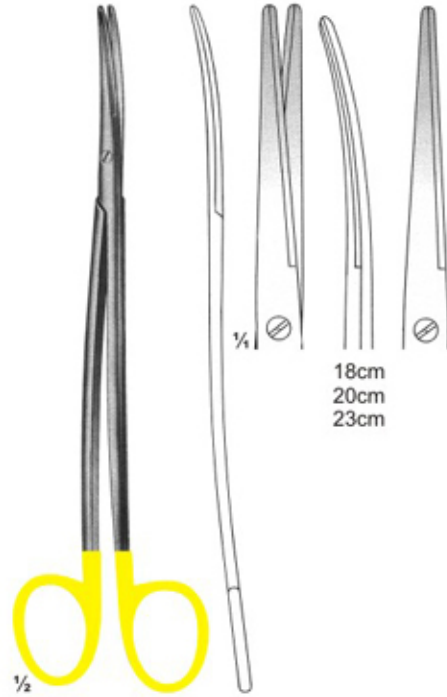
## Scissors with Tungsten Carbide Inserts



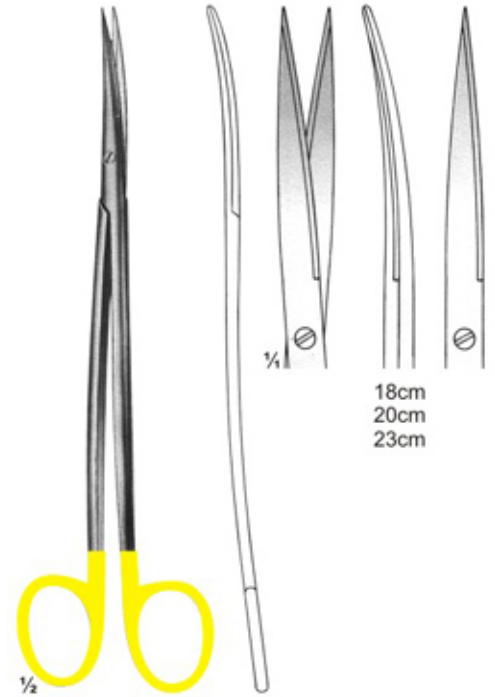
## Scissors with Tungsten Carbide Inserts



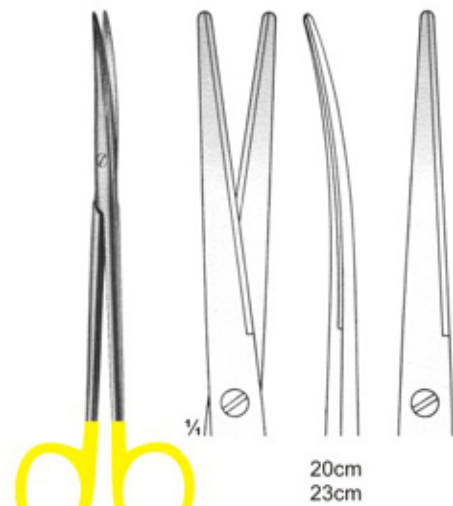
1/2  
**26-119**  
Metzenbaum-Fino



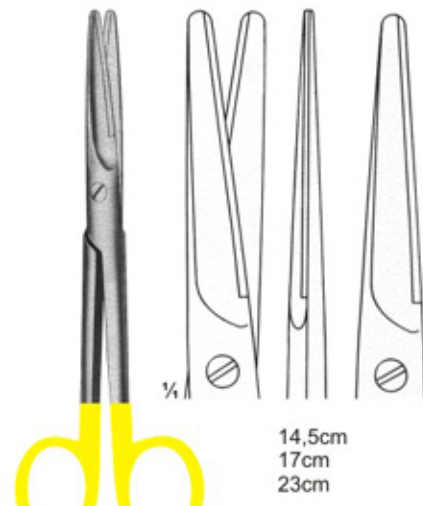
1/2  
**26-120**  
Metzenbaum-Fino



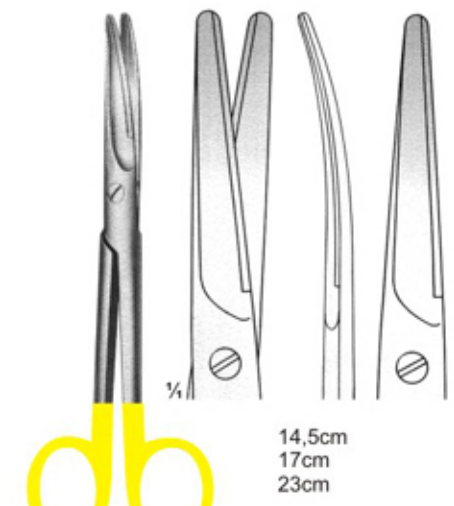
1/2  
**26-121**  
Metzenbaum-Fino



1/2  
**26-122**  
Metzenbaum

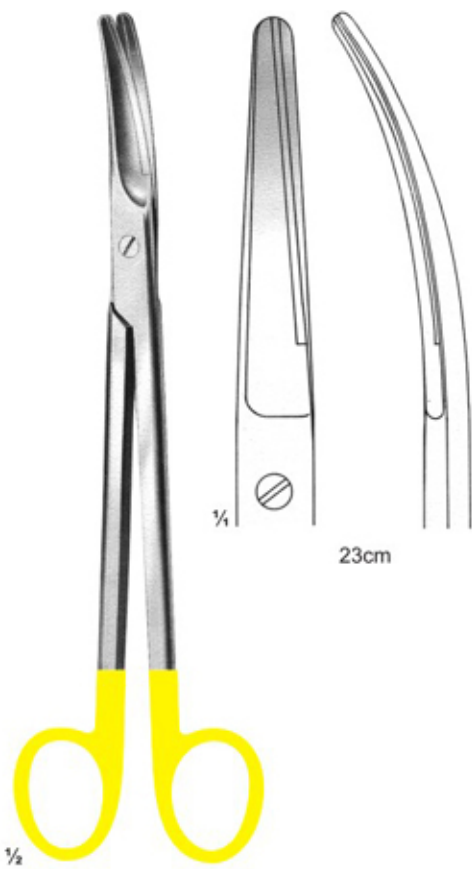


1/2  
**26-123**  
Mayo

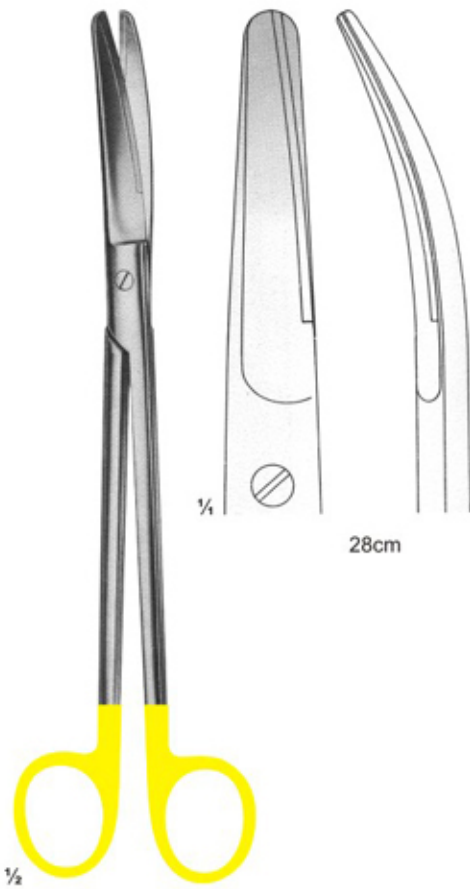


1/2  
**26-124**  
Mayo

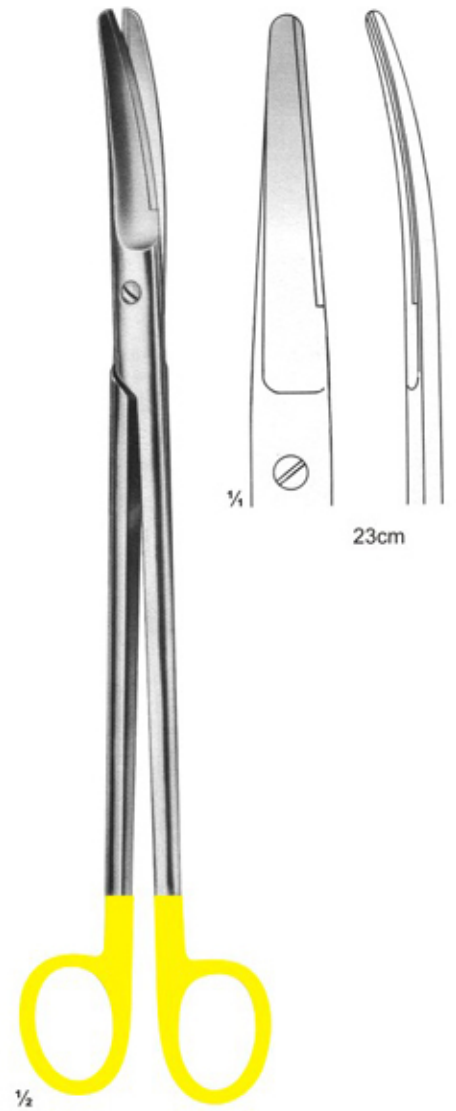
**Scissors with Tungsten Carbide Inserts**



**26-125**  
Parametrium

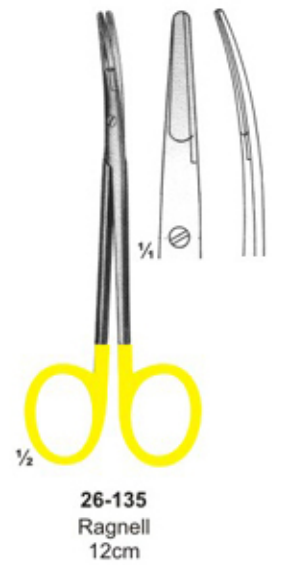
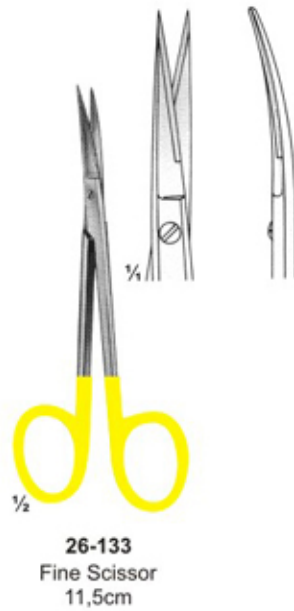
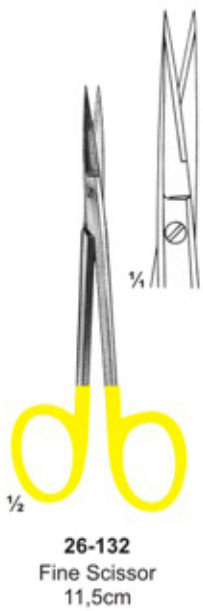
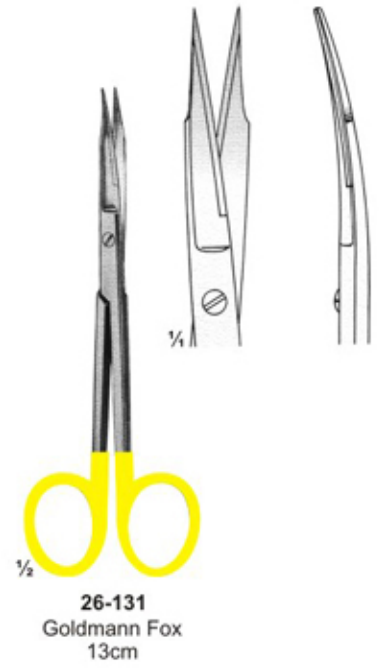
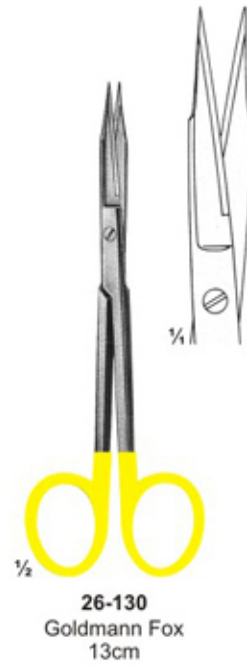
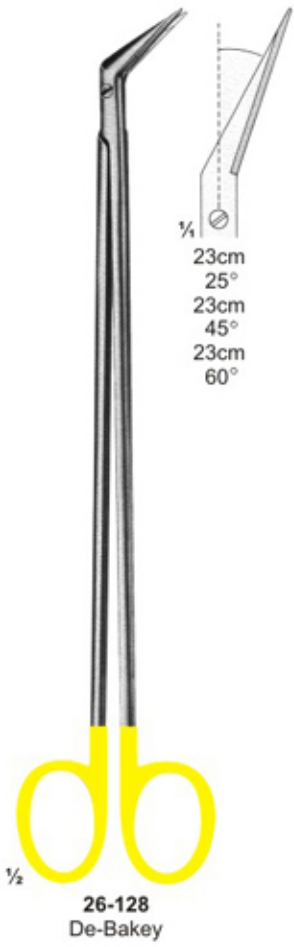


**26-126**  
Mayo-Harrington

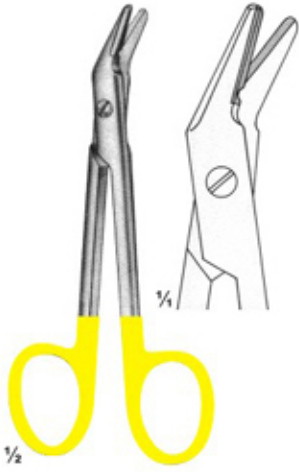


**26-127**  
Sims

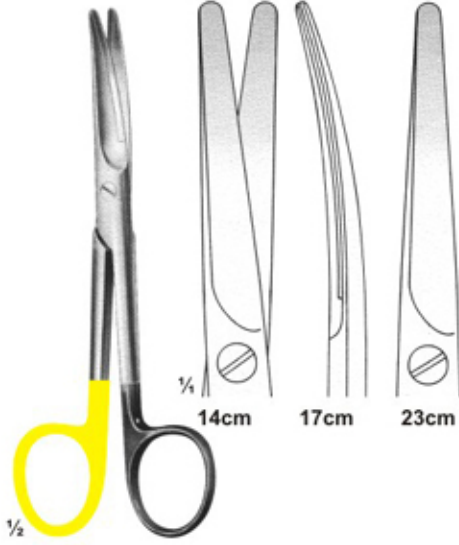
## Scissors with Tungsten Carbide Inserts



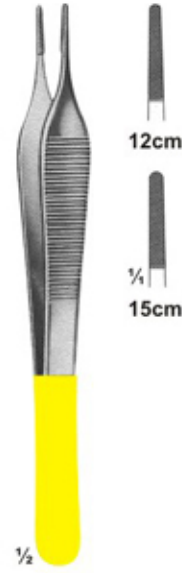
# Scissors & Dissecting Forceps with Tungsten Carbide Inserts



**26-136**  
Universal  
12cm



**26-137**  
Ligature Scissors  
1 Black & 1 Goldplated ring



**26-138**  
Adson



**26-139**  
Cushing  
17,5cm



**26-140**  
Cushing  
18cm



**26-141**  
Cushing-Taylor  
18cm

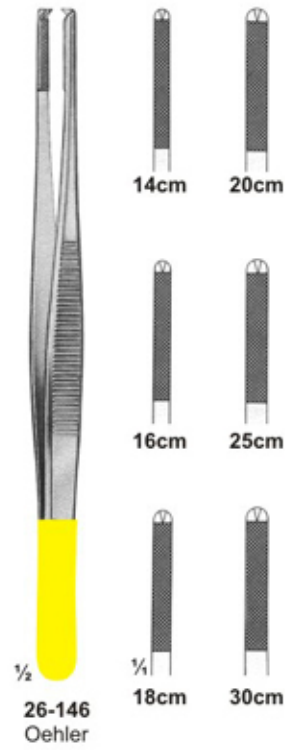
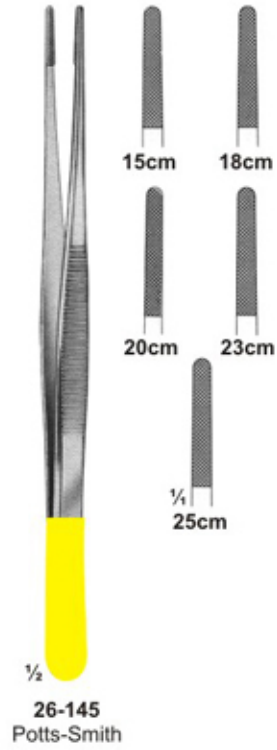
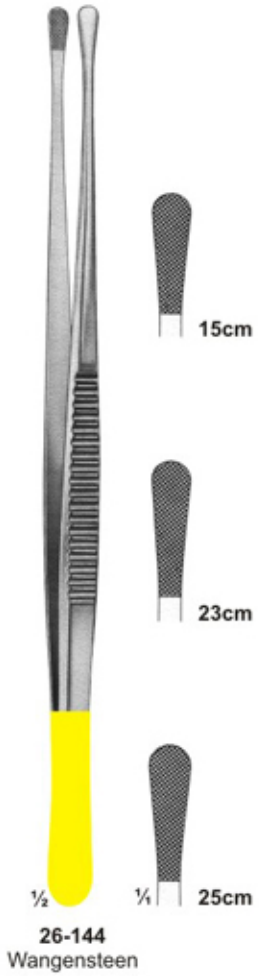


**26-142**  
Dissecting Forceps  
15cm



**26-143**  
Semken  
15cm

## Dissecting Forceps and Needle holders with



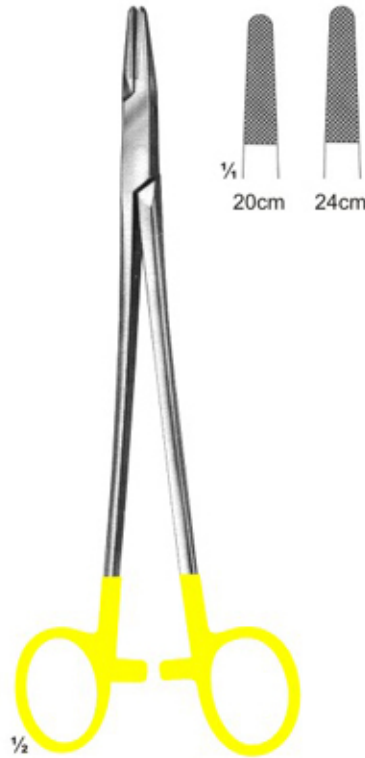
## Needle holders with Tungsten Carbide Inserts



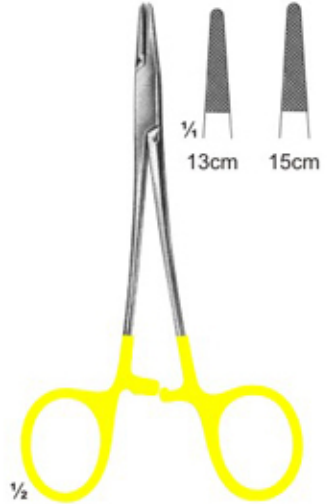
**26-152**  
Arruga  
16cm



**26-153**  
Castroviejo  
13cm



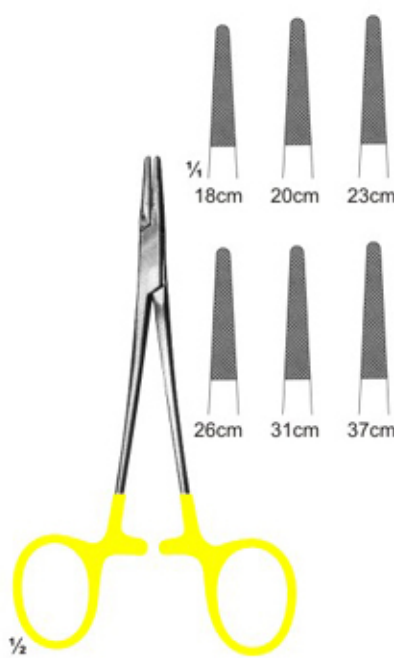
**26-154**  
Hegar  
20cm 24cm



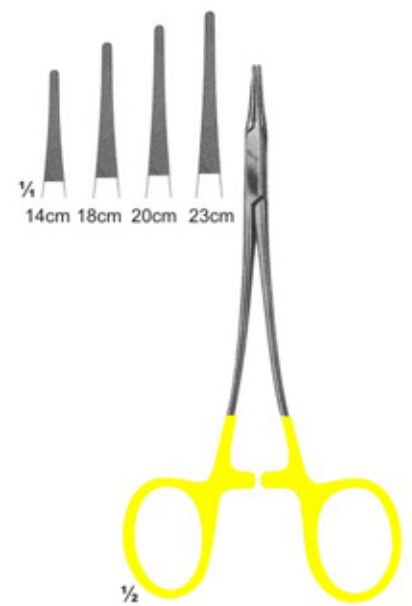
**26-155**  
Halsey  
13cm 15cm



**26-156**  
Mayo-Hegar  
16cm 18cm 20cm  
24cm 26cm 30cm



**26-157**  
De-Bakey  
18cm 20cm 23cm  
26cm 31cm 37cm



**26-158**  
Hegar-Vascular  
14cm 18cm  
20cm 23cm

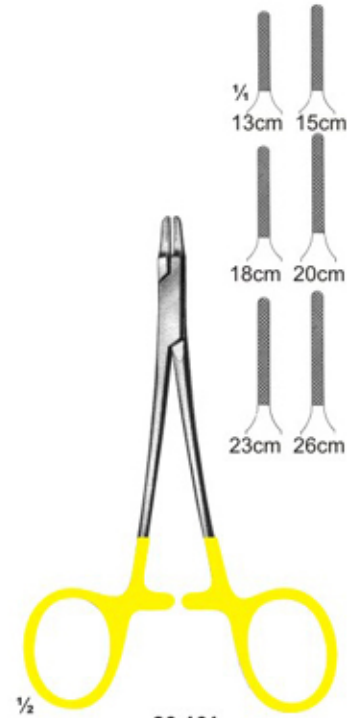
## Needle holders with Tungsten Carbide Inserts



$\frac{1}{2}$   
**26-159**  
Bozemann-Wertheim  
20cm 24cm 26cm



$\frac{1}{2}$   
**26-160**  
Stratte  
22cm 23cm



$\frac{1}{2}$   
**26-161**  
Ryder  
13cm 15cm 18cm  
20cm 23cm 26cm



$\frac{1}{2}$   
**26-162**  
Ryder-Vascular  
13cm 15cm 18cm  
20cm 23cm 26cm



$\frac{1}{2}$   
**26-163**  
Martin  
15cm 17cm 20cm



$\frac{1}{2}$   
**26-164**  
Sarot  
18cm 20cm 26cm

## Needle holders with Tungsten Carbide Inserts



## Needle holders with Tungsten Carbide Inserts



1/2  
**26-172**  
Mathieu-Ryder  
17cm  
20cm 24cm



1/2  
**26-173**  
Lichtenberg  
20cm



1/2  
**26-174**  
Langhals  
20cm 25cm



1/2  
**26-175**  
Lichtenberg  
20cm 25cm



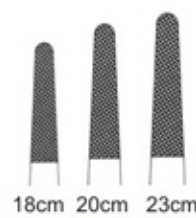
1/2  
**26-176**  
Luehty-Beck  
20cm 25cm



1/2  
**26-177**  
Luehty-Beck  
20cm 25cm



1/2  
**26-178**  
Langebeck  
18cm  
20cm 23cm



1/2  
**26-179**  
Langebeck-beck  
18cm  
20cm 23cm

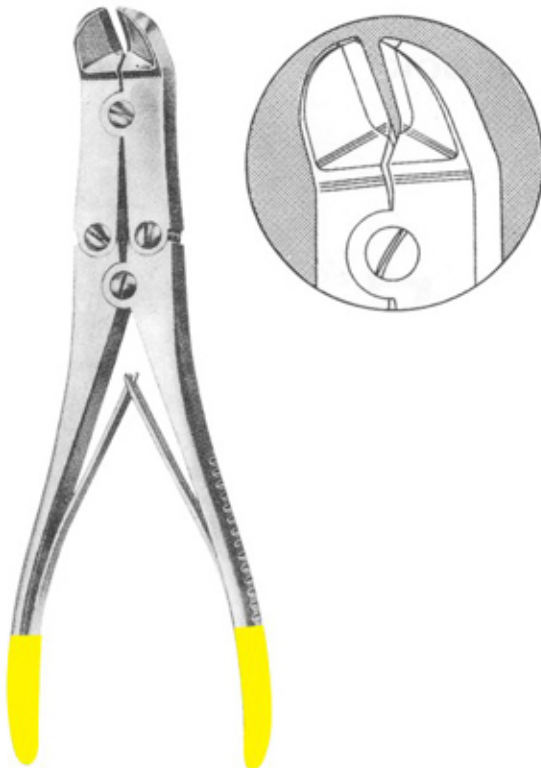
**Wire Cutting Plier With T.C. Inserts**



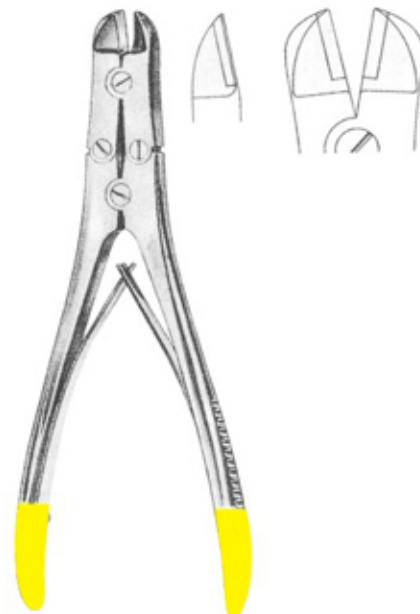
**26-180**  
**TOENNIS**  
Elastic pattern for  
dura-or intestinal suture  
180 mm



**26-181**  
Cutting Plier  
12 cm



**26-182**  
**MULLAR CLAUS**  
22 cm



**26-183**  
Plier  
17.5 cm

## Alphabetical Index

<b>A</b>			
ABRAHAM, tonsil knife	13	BRUNS, plaster scissor	64
ADSON, forceps	33	BRYANT, sponge forceps	43
ADSON, forceps	37	BROPY, Tissue Forceps	38
ALLIS, artery traction forceps	47	BROWN, Tissue Forceps	39
ALLIS, intestinal grasping forceps	86	BUCHS, retractors	75
ALY, aesthesiometer	01	BUCHWALD, tongue depressor	04
AMPUTATING KNIVES	12	BUCK, neurological hammer	01
ANDREW, tongue depressor	04	BUMM, ovum forceps	230
ANESTOPHON, stethoscope	02	BUCK, Ear Curettes	110
ARRUGA, forceps	37		
ARRUGA, needle holder	61	<b>C</b>	
ASCH, biopsy curettes	112	CASPAR, retractor	75
AUFRIEHT, rasps	138	CASPAR, Micro scissor 115mm	16
AYRE, cone knife, 235mm	13	CASTROVIEJO, tissue forceps	37
ADSON - BROWN, Tissue Forceps	39	CASTROVIEJO, micro spring scissor	15
ADSON, Haemostatic Forceps	52	CASTROVIEJO, needle holder	61
ANGLE, Wire Cutters Cutting Scissors	151	CASTROVIEJO, eye scissor 110mm	15
		CASTROVIEJO, eye scissor 115mm	15
<b>B</b>		CATLIN, amputating knife 160mm	12
BABCOCK, intestinal grasping forceps	86	CALIPER, Examination & Measuring Instruments	10
BABY-ALLIS, artery traction forceps	47	CARREL, Haemostatic Forceps	51
BACKHAUS, towel clamps	48	CARROLL, Examination & Measuring Instruments	10
BACKHAUS-KOCHER, towel clamps	48	CASPAR, Rongeurs	133
BAILEY, rib spreaders	128	CASPAR, Rongeurs	134
BAKES, gall duct dilators	95	CASTROVIEJO, Examination & Measuring Instruments	10
BALFOUR, abdominal retractors	85	CHAPUT, artery traction forceps	47
BALFOUR-BABY, abdominal retractors	84	CLOWARD, lamina Spreaders	83
BANE-HARTMANN, bone rongeurs	144	CLAUS PLIER, Wire Cutting Plier With T.C. Inserts	187
BARTH, bone curettes	139	CLAUS PLIER, Wire Cutting Plier With T.C. Inserts	187
BABY-MOSQUITO, Haemostatic Forceps	51	COAKLEY, antrum trocars	100
BABY-ROUX, Retractors	73	COLLIN, intestinal grasping forceps	86
BABY-SENN-MILLER, Retractors	73	COLLIN, rib shears	126
BEEBE wire scissor	29	COLLIN, sponge and dressing forceps	44
BEER, cilia forceps	42	COLLIN, tongue forceps	05
BENGOLEA, delicate forceps	50	COLLIN, vaginal spatula	101
BERGER, biopsy forceps	115	CONE KNIFE 235mm11	13
BERLINER, percussion hammer	01	CONVERSE, fine wound retractor	69
BENDING PLIERS, Wire Holding forceps	150	COOLEY, multi purpose clamps	122
BERTILLON, Examination & Measuring Instruments	10	COTTLE, retractors	71
BIEMER, vein scissor	16	COTTLE, nasal scissor	25
BISHOP-HARMON, forceps	37	COTTLE, fine wound retractor	69
BIEMER, Suction Instruments	158	COTTLE, mallets	140
BLAKE, gall stone forceps	96	COLLIN, Examination & Measuring Instruments	10
BLUMENTHAL, bone rongeurs	144	COLLIN, Intestinal Grasping Forceps	46
BONNEY, tissue forceps	41	COLLIN, Retractors	73
BOSE, tracheal hooks	119	COLLIN-HARTMANN, Retractors	73
BOWLES, stethoscope	02	COTTLE, Forceps, Bayonet - Shaped	40
BOYS-ALLIS, artery traction forceps	47	COTTLE, Nasal Specula	91
BOZEMANN, dressing forceps	108	CRILE, Haemostatic Forceps	52
BOYNTON, Needle Holders	47	CRILE, Haemostatic Forceps	52
BRAUN, artery traction forceps	107	CRILE, Retractors	73
BRAUN, uterine probes	28	CUTTING PLIER, Wire Cutting Plier With T.C. Inserts	187
BRAUN-STADLER episiotomy scissor	31	CRAFOORD, haemostatic forceps	50
BRAUN-STADLER, bandage scissors	102	CRILE, needle holder	63
BRIESKY, vaginal specula	66	CUSCO, vaginal specula	101
BRODIE, probes	34	CUSHING, wound and vein retractor	71
BROPY, dissecting forceps	04	CUSHING, dissecting forceps	34
BRUENINGS, tongue depressor	13	CUSHING-KOCHER, retractors	71
BRUNINGS, tonsil knife, 215mm	76	CZERNY, gall stone forceps	96
BRUNNER, retractors	126	CZERNY, retractors	72
BRUNNER, rib shears	31		

# Alphabetical Index

<b>D</b>		<b>F</b>	
DAVIDSON, scapula retractors	77	FARABEUF, Retractors	73
DAVIS, vascular spatulas	120	FEILCHENELD, splinter forceps	42
DANDY, Haemostatic Forceps	51	FERGUSSON, haemorrhoidal forceps	93
DE BAKEY, forceps	36	FERGUSSON, suction instrument	163
DE BAKEY, anastomosis clamps	89	FERGUSSON-ACKLAND, mouth gag	05
DE BAKEY, anastomosis clamps	125	FINOCHIETTO, forceps	58
DE BAKEY, arteriotomy scissor	22	FINOCHIETTO, rib spreader	127
DE BAKEY, vana cava clamps	123	FINSEN, tracheal hooks	119
DE BAKEY, multi purpose clamps	122	FIBER OPTIC, laryngoscopes	09
DE BAKEY, retractors	82	FINGER NAIL DRIL, Finger Nail Instruments	155
DE BAKEY, atraumata	121	FINGER RING SAW, Finger Nail Instruments	155
DEAN, nasal and tonsil scissor	25	FINSTERER, Suction Instruments	161
DEAVER, retractors	77	FLAT-NOSED PLIERS, Wire Holding forceps	150
DEAVER, surgical scissor (flat lock)	21	FOERSTER-BALLENGER, Tissue Grasping Forceps	45
DE-BAKEY, bulldog clamps	49	FORCEPS, Finger Nail Instruments	155
DEJERINE, percussion hammer	01	FOREGGER, laryngoscopes	09
DELICATE DISSECTING FORCEPS	33	FOMON, nasal scissor	19
DELICATE SCISSORS, blunt points	19	FORD-BOWLES, stethoscope	02
DELICATE SCISSORS, sharp points	18	FOWLER, tonsil knife	13
DELICATE SCISSORS, sharp points	19	FRANCKE, blood lancet	06
DENHARDT, mouth gag	05	FRAZIER, fine wound retractor	69
DENIS-BROWENE, intestinal forceps	41	FRAZIER, suction instruments	163
DERRA, multi purpose clamps	122	FREER, fine wound retractor	69
DESCHAMPS, ligature needles	65	FREER, vascular spatulas	120
DESJARDINS, gall duct forceps	95	FRENZEL, tongue depressor	04
DESJARDINS, gall stone forceps	96	FRICKE, haemostatic forceps	56
DESJARDINS, gall stone scoops	95	FRITSCH, retractor	79
DESMARRES, wound and vein retractors	71		
DEMEL, Cerclage Instruments	148	<b>G</b>	
DIAGNOSTIC SETS	07	GALLAHER, rasp	126
DICK, vaginal clamps and compression forceps	59	GELPI, special retractors	82
DIEFFEBACH, bulldog clamps	49	GELPI, vaginal retractors	105
DINGMANN, bone holding forceps	142	GERALD, dissecting forceps	34
DISSECTING KNIVES	11	GIERTZ-STILLE, rib shears	126
Dissection Instruments	164	GILL, tissue forceps	37
Dissection Instruments	165	GILL-HESS, tissue forceps	37
Dissection Instruments	166	GILLIES, fine wound retractor	69
DITTEL, metal bougies	80	GILLIES, needle holder	63
DOYEN, abdominal retractors	79	GLOVER, bulldog clamp	49
DOYEN, intestinal clamps	87	GLUCK, rib shears	126
DOYEN, ovum forceps	230	GOOD, tonsil scissors	25
DOYEN, probes	66	GORNEY, suction instruments	163
DOYEN, towel clamps	48	GOSSET, abdominal retractors	84
DOYEN, vaginal specula	104	GRAEFE, fine wound retractor	69
DUROGRIP, Wire Holding forceps	149	GRAVE, vaginal specula	102
DUROTIP, Cutting Pliers	152	GROSS, dressing forceps	43
DUROTIP, Cutting Pliers	153	GUEDEL-NEGUS, laryngoscope	08
DUROTIP, Wire Cutters Cutting Scissors	151	GUTHRIE, fine wound retractor	69
DUVAL-COLLIN, Intestinal Grasping Forceps	46	GUYON, kidney clamps	97
DUPLAY, sponge and dressing forceps	43	GERALD, Tissue Forceps	38
DUVAL, intestinal forceps	41	GILLIES, Tissue Forceps	38
		GOLDSMITH, Nasal Specula	91
<b>E</b>		GRAEFE, Tissue Forceps	39
EISELSBERD, needle holder	63	GRAEFE, Tissue Forceps	39
ELSCHING, forceps	37	GRUENWALD, Forceps, Bayonet – Shaped	40
ENGL.MOD, towel clamps	48		
EPPENDORF, biopsy forceps	115	<b>H</b>	
ESMARCH, cloth and plaster scissors	31	HALLE, vascular spatulas	120
EISELSBERG-MATHIEU, Needle Holders	64	HALSTED-MOSQUITO, haemostatic forceps	50
EXTRACTION PLIERS, Wire Holding forceps	150	HARTMANN, intestinal clamps	87

## Alphabetical Index

HARVEY, plate scissors	29	KELLY, tissue grasping forceps	44
HAJEK-KOFLER, Punches	130	KERN-LANE, bone holding forceps	143
HALSTED, Haemostatic Forceps	52	KERRISON-JACOBY, punches	129
HALSTED-MOSQUITO, Haemostatic Forceps	51	KERSTING, anastomosis forceps	89
HARTMANN, Ear Polypus Forceps	112	KELLY, Haemostatic Forceps	51
HARTMANN-HALLE, Nasal Specula	91	KERRISON, Punches	130
HARTMANN-HERZFELR, Ear Polypus Forceps	112	KILLIAN, bone shear	26
HARTMANN-HOFFMAR, Ear Polypus Forceps	112	KILLIAN, rectal spatula	90
HARTMANN-WULLSTEIN, Ear Polypus Forceps	112	KILNER, fine dissecting scissors	22
HARVEY, Wire Cutters Cutting Scissors	151	KILNER, fine wound retractor	69
HEANEY, needle holder	62	KILNER, dissecting scissor	22
HEGAR, needle holder	62	KILLIAN, Nasal Specula	90
HEGAR-OLSEN, needle holder	63	KIRSCHNER, Cutting Pliers	154
HEGER, uterine dilators	106	KIRSCHNER, Wire Extension	147
HEISS, haemostatic forceps	50	KOCHER, Haemostatic Forceps	52
HEISS, dressing forceps	58	KOCHER, Haemostatic Forceps	54
HEISTER, mouth gag	05	KOCHER-OCHSNER, Haemostatic Forceps	55
HENING, plaster spreader	157	KLIMA ROSEGGGER, trocars	100
HERGET, biopsy forceps	113	KOCHER, retractor	71
HERTZLER, abdominal retractors	84	KOCHER, bladder retractors	99
HERTZLER, rib spreaders	127	KOCHER, bone retractor	74
HESS, tissue forceps	37	KOCHER, retractors	75
HEYMANN-KNIGHT, scissors	25	KOLLE, blood lancet	06
HEYWOOD-SMITH, ovum forceps	109	KONIG, elevators	135
HEYWOOD-SMITH, sponge holding forceps	44	KONIG, raspatories	137
HEYWOOD-SMITH, tongue forceps	05	KONISATION SMESSER, retractors	57
HOLLOW NEEDLE, Suction Instruments	159	KRAUSE, biopsy tip	115
HOUSE, Suction Instruments	161	KRISTELLER, vaginal specula	102
HUBER, biopsy forceps	115	KRISTELLER, vaginal specula	103
HUNT, tumor & vessel forceps	32	KRONECKER, suture instruments	65
HUNTER, splinter forceps	42	KRONLEIN, haemostatic forceps	56
		KUMMEL, intestinal spatula	80
<b>I</b>		<b>L</b>	
INGE, lamina spreaders	83	LABORDE, tracheal dilators	119
INTEROSSEOUS, cartilage knife	12	LAHEY, artery traction forceps	47
IVES-FANSLER, anoscopies	92	LAHEY, gall duct forceps	94
<b>J</b>		LANE TRETOWAN, bone levers	136
JACKSON BURROWS, retractors	82	LANE, bone holding forceps	143
JACOBSON, bone curettes	139	LANE, bone levers	136
JACOBSON, needle holder	61	LANE, tissue forceps	41
JAEGAR, fine wound retractor	69	LANE, towel clamps	48
JAMESON, dissecting scissor	22	LANGE-HOHMANN, bone levers	136
JAMESON, needle holder	62	LANGENBACK, bone levers	135
JANSEN, bone curettes	139	LANGENBECK, with triangle handle	70
JANSEN, bone rongeurs	144	LANGENBECK, flap knife	12
JOHNS-HOPKING, bulldog clamps	49	LARYNGEAL MIRRORS	06
JOLL (FRIEDMAN), retractors	82	LAWRENCE, ligature forceps	58
JOLL, vaginal retractors	105	LANDOLT, Suction Instruments	160
JONES, towel clamps	48	LANDOLT, Suction Instruments	161
JOSEPH, bone file	138	LANGENBECK, Ear Curettes	110
JOSEPH, dura and skin retractor	69	LEBSCHKE, rib shears	126
JOSEPH, raspatories	137	LEGUEU, bladder retractors	99
JUDD-MASSON, bladder retractors	99	LEKSELL-STILLE, bone rongeurs	145
JANSEN, FORCEPS, Bayonet – Shaped	40	LERICHE, intestinal spatula	80
<b>K</b>		LEWIS, bone file	138
KADER, intestinal spatula	80	LISTER, bandage scissor	30
KALT, needle holder	61	LISTER, cloth scissor	30
KELLY, ovum forceps	109	LISTER, sponge forceps	43
KELLY, anoscopies	92	LISTON, bone cutting forceps	146

# Alphabetical Index

LOCKHART-MUMMERY, probes	66	MULLER, dura and skin retractor	69
LOCKWOOD, Intestinal Grasping Forceps	46	MURPHY, head band	03
LUCAE, FORCEPS, Bayonet – Shaped	40	MUSEUX, tissue grasping forceps	47
LUER, Retractors	73	<b>N</b>	
LOCKLIN, delicate scissor	25	NASAL SCISSORS	25
LOPEZ-REINKE, suction instruments	163	NAUJOKS wire scissors	29
LOWER, gall duct forceps	94	NAIL SPLITTING, Finger Nail Instruments	155
LOWMAN, bone clamps	143	NEEDLE HOLDER, for micro surgery	48
LOWMAN-GERSTER, bone clamps	143	NEGUS, tonsil forceps	57
LOWMAN-HOGLUND, bone clamps	143	NELATON, probes	66
LUCAS, gouges	141	NELSON, lung dissecting forceps	41
LUER-KORTE, gall stone scoops	80	NISSEN, gall duct forceps	94
LURE, bone rongeurs	144	NOTO, ovum forceps	109
<b>M</b>		NOTO, sponge holding forceps	44
MAGILL, laryngoscope	07	NOVAK-SCHOECKAERT, biopsy curettes	111
MALTZ, rasps	138	NOYES, micro spring scissor	15
MANNERFELT, osteotomes	141	<b>O</b>	
MANNERFELT, retractors	70	OLIVECRONA, dura scissors	24
MARTIN, uterine probes	107	OLIVECRONA, trigeminal knife	13
MARTINI, bone curettes	139	OTOSCOPE SETS	07
MASING, retractors	71	OTOSCOPE, Diagnostic Sets	07
MASSON, needle holder	62	<b>P</b>	
MASSON-LUETHY, needle holder	62	PARTSCH, raspatories	137
MATHIEU, retractors	72	PARTSCH, gouges	141
MAYO, dissecting scissors	23	PARTSCH, raspatories	137
MAYO, uterine probes	107	PAYR, pylorus clamps	86
MAYO-HARRINGTON, dissecting scissors	23	PEAN, haemostatic forceps	57
MAYO-NOBLE, dissecting scissors	23	PEAN, haemostatic forceps	51
MAYO-STILLE, dissecting scissors	23	PEAN, kidney clamps	97
MARTIN, Nasal Specula	90	PEDERSON, vaginal specula	102
MATHIEU, Needle Holders	64	PEET, splinter forceps	42
MATHIEU-STILLE, Needle Holders	64	PELKMANN, uterine dressing forceps	108
MC INDOE, forceps	34	PERKINS, self retaining retractors	81
MC KENTY, raspatories	137	PIERCE, trocars	100
MEAD, mallets	140	PINARD, wooden stethoscope	02
MC INDOE, Tissue Forceps	38	PLESTER, retractors	81
MCINTOSH, laryngoscopes	09	PLESTER, suction instruments	163
MEDIUM, Dissecting Forceps	35	POOL, suction instruments	162
MICRO-HALSTED, Haemostatic Forceps	51	POTTS-SMITH, cardiovascular scissor	24
MILLIN, Needle Holders	64	PROBES	67
MICHEL, laryngeal mirrors	06	PARKER, Retractors	73
MICRO SCISSORS, laterally angled	17	PEAN, Haemostatic Forceps	52
MICRO-ADSON, forceps	33	PEAN, Haemostatic Forceps	53
MICRO-ADSON, forceps	37	PEAN, Haemostatic Forceps	54
MIDDELDORPF, retractors	75	PENNINGTON, Tissue Grasping Forceps	45
MIKULICZ, tissue forceps	57	PROVIDENCE-HOSPITAL, Haemostatic Forceps	51
MIKULICZ, intestinal spatula	80	<b>Q</b>	
MIKULICZ, retractors	78	QUERVAIN, bone levers	113
MILLER, laryngoscope	08	<b>R</b>	
MILLIN, bladder retractors	99	RABINER, neurological hammer	01
MIXTER, ligature forceps	58	RANDALL, biopsy curettes	111
MOD.USA, plaster spreader	127	RANDALL, kidney stone forceps	98
MORRIS, anastomosis clamps	89	RECAMIER, uterine scoops	116
MOYNIHAN, haemostatic forceps	57	REYNOLDS, dissecting scissors	22
MOYO-HEGAR, needle holder	62	RICHTER, vaginal retractors	105
MOD. WIEN, Nasal Specula	91	ROCHESTER-CARMALT, haemostatic forceps	57
MOLTGEN, Examination & Measuring Instruments	10	ROEDER, towel clamps	48
MULLAR, Wire Cutting Plier With T.C. Inserts	187		
MULLER LIGATURE FORCEPS	49		
MULLER VESSEL CLIPS	49		

# Alphabetical Index

ROUX, retractors	72
RUDD, haemorrhoidal ligator	93
RUMEL, dissecting forceps	58
RUSS-MODELL, tissue forceps	41
ROHRSCHEIDER, needle holder	61
ROLLET, dura and skin retractor	69
ROSER KONIG, mouth gag	05
RAMPLEY, Tissue Grasping Forceps	45
RANKIN, Haemostatic Forceps	52
REILL, Cutting Pliers	152
REPLACEMENT LAMP, laryngoscopes	09
ROCHESTER-OCHSNER, Haemostatic Forceps	54
ROCHESTER-PEAN, Haemostatic Forceps	53
ROSE, Retractors	73
ROUND PLIERS, Wire Holding forceps	150

## S

SAENGER, ovum forceps	118
SAMII, tumor grasping forceps	32
SATINSKY, vena cava scissors	24
SAUPE, cilia forceps	42
SCALPEL HANDLES	14
SCHAAF, cilia forceps	42
SCHAEDEL, towel clamps	48
SCHEINMANN, biopsy forceps	115
SCHIMMELBUSCH, ether mask	05
SCHMID, vascular spatulas	120
SCHOEMAKER-LOTH, needle holder	63
SCHOENBORN, retractors	71
SCHRODER, uterine scoops	116
SCHUMACHER, rib shears	126
SCHUMACHER, umbilical scissors	28
SCHUMASHER, biopsy forceps	114
SCOVILLE-RICHTER, retractors	67
SEGOND, myomatome	13
SEIDL, vaginal specula	102
SEIDL-DBP, biopsy forceps	114
SELLORS, rib spreaders	128
SEMKEN, dissecting forceps	34
SEMKEN, tissue forceps	37
SENN-MILLER, Retractors	73
SEUTIN, plaster scissor	31
SHAPLEIGH, Ear Curettes	110
SIMON, uterine scoops	116
SIMPLEX, tongue depressor	04
SIMPSON, uterine probes	107
SIMPSON-BRAUN, obstetrics forceps	117
SIMS, gynaecology scissors	27
SIMS, vaginal specula	102
SIMS, rectal specula	90
SIMS, uterine probes	107
SMOOTH JAWS FORCEPS	34
ST.MARTIN, tissue forceps	37
STEMBERG, tongue depressor	04
STIEGLITZ, splinter forceps	42
STILLE, bone rongeurs	145
STILLE-AESULAP, plaster shears	156
STILLE-RUSKIN, bone rongeurs	145
STRACK, wire scissor	29
STRASSBURGER Tissue forceps	41
STANDARD, Dissecting Forceps	35
STANDARD, Tissue Forceps	39

STERBERG, Retractors	
STRULLY, cardiovascular scissors (pointed)	24
SUCTION INSTRUMENTS	162
SURGICAL SCISSORS, incision	21
SURGICAL SCISSORS, serrated	20
SURGICAL SCISSORS, slender type	20
SURGICAL SCISSORS, standard	20
SURGICAL SCISSORS, standard	20
SUTURING INSTRUMENT SET	68
SYSTRUNK, nail splitting scissors	21
SPENCER-WELLS, Haemostatic Forceps	
SYSTRUNK, Finger Nail Instruments	

## T

TAKAHASHI, rongeur	112
TAYLOR, percussion hammer	01
TAKAHASHI, Rongeurs	132
THOREK, cardiovascular scissors	24
THORPE, corneal forceps	33
TIECK-HALLE, Nasal Specula	90
TOENNIS, Wire Cutting Plier With T.C. Inserts	187
TOWNLEY, Examination & Measuring Instruments	10
TOBOLD, tongue depressors	04
TOENNIS ADSON, dissecting scissors	22
TOENNIS, dissecting scissors	22
TOENNIS, fine wound retractor	69
TOENNIS, vascular spatulas	120
TOENNIS, needle holder	63
TRELAT, raspatories	137
TRIGEMINAL KNIFE	13
TROCARS	100
TROEMNER, percussion hammer	01
TROUSSEAU, tracheal dilators	119
TROCAR, Suction Instruments	159
TROELTSCH, FORCEPS, Bayonet – Shaped	40
TUFFIER, rib spreaders	127
TUTTLE, lung dissecting forceps	41

## U

UMBILICAL CORD SCISSORS	28
UNIVERSAL BANDAGE SCISSORS	30
UNIVERSAL TROCARS	100
US-ARMY, retractors	72

## V

VANNAS, micro spring scissors	15
VERNIER, Examination & Measuring Instruments	10
WISE GRIP, Wire Holding forceps	150
VOLKMANN, bone curettes	139
VOLKMANN, bone retractors	74

## Alphabetical Index

### W

WANGENSTEEN, needle holder	62
WARTENMERG, pinwheel	01
WAGNER, Rongeurs	134
WAUGH, Tissue Forceps	38
WEBER, anastomosis clamps	124
WECKER, eye scissors	15
WEIL-BLAKESLEY, rongeurs	112
WEITLANER, self retaining retractors	81
WERTHEIM, gynaecology scissors	27
WERTHEIM, clamps and forceps	59
WERTHEIM-CULLEN, vaginal clamps	60
WIEDER, tongue depressor	04
WEIL-BLAKESLEY, Rongeurs	132
WILLIGER, bone curettes	139
WILLIGER, elevators	135
WILLIGER, raspatories	137
WINTER, ovum forceps	118
WILDE, Forceps, Bayonet – Shaped	40
WOLFF, plaster breakers	157
WULLSTEIN, retractors	81
WULLSTEIN, Suction Instruments	160

### Y

YASARGIL, needle holder	61
YASARGIL, tumor grasping forceps	32
YASARGIL-SAMII, tumor grasping forceps	32
YASARGIL, Suction Instruments	160
YASARGIL, Suction Instruments	161
YASRGIL, micro scissors	17
YEOMAN, biopsy forceps	113
YOUNG, tongue forceps	05
YOUNG– HRYNTSCHAK, Needle Holders	64
YOUNG-MILLIN, Needle Holders	64

### Z

ZENKER, ligature	58
ZENKER, retractors	77
ZIEGLER, head band	03
ZIEGLER, head mirror	03



GET IN TOUCH



1174-1 Nishikasuga Inabe Heights  
301 Takamatsu,  
Kagawa 761-8051



090-1322-4562

FOLLOW US

