

SURGICAL INSTRUMENTS



01-101  
TROEMNER  
Size: 245 mm



01-102  
DEJERINE  
Size: 200 mm



01-103  
DEJERINE  
With Needle  
Size: 210 mm



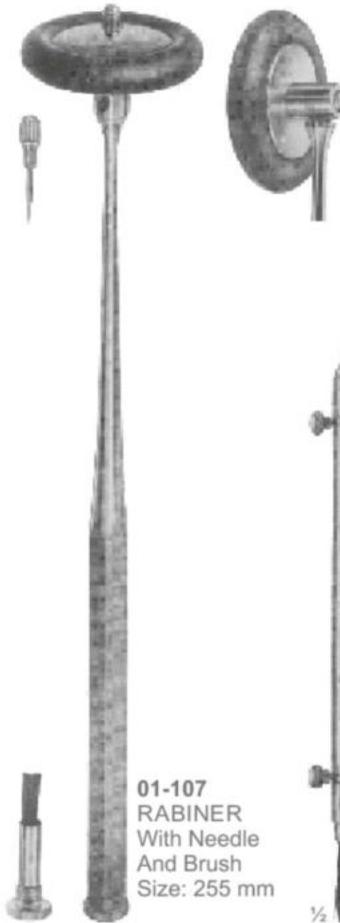
01-104  
TAYLOR  
Size: 195 mm



01-105  
BERLINER  
Size: 200 mm



01-106  
BUCK  
With Needle  
And Brush  
Size: 180 mm



01-107  
RABINER  
With Needle  
And Brush  
Size: 255 mm



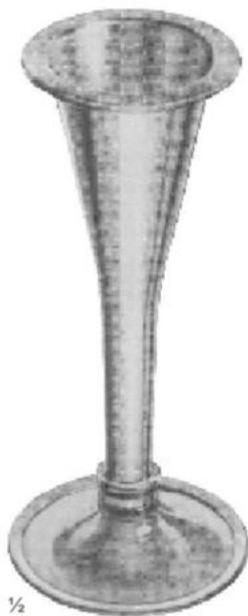
01-108  
ALY  
Size: 190 mm



01-109  
WARTENBERG  
Pinwheel For  
Neurological  
Examination  
Size: 185 mm



SURGICAL INSTRUMENTS



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

1/2



**01-111**  
aus Holz (Wooden)  
Size: 145 mm

1/2



**01-112**  
BOWLES  
Stethoscope  
With Diaphragm

1/4



**01-113**  
ANESTOPHON

1/2



**01-114**  
FORD-BOWLES  
Duel Chest Piece  
With Two Outlets

1/4



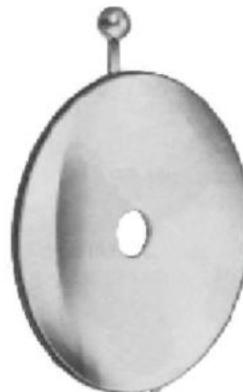
**01-115**  
BOWLES

1/4

SURGICAL INSTRUMENTS



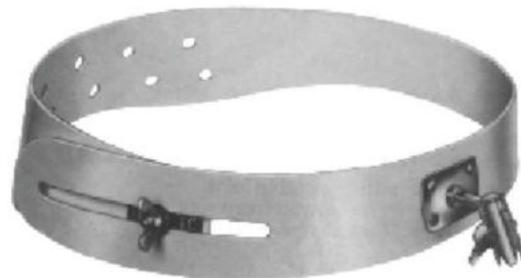
**01-116**  
ZIEGLER Ø mm  
Head mirror only  
with rubber coating



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

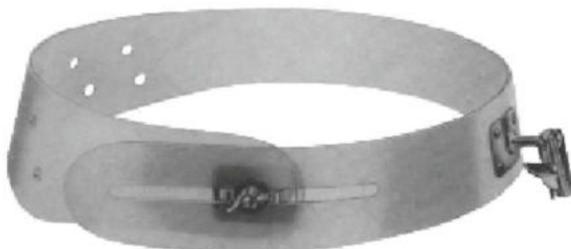


**01-118**  
ZIEGLER  
Head band of plastic black



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

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



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



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



SURGICAL INSTRUMENTS

**01-123**  
 CLAR  
 Head light, 6 volt, with adjustable joint,  
 white celluloid head band,  
 cord with plugs for transformer

**01-124**  
 White celluloid head band, only, for

**01-125**  
 Spare mirror only, for



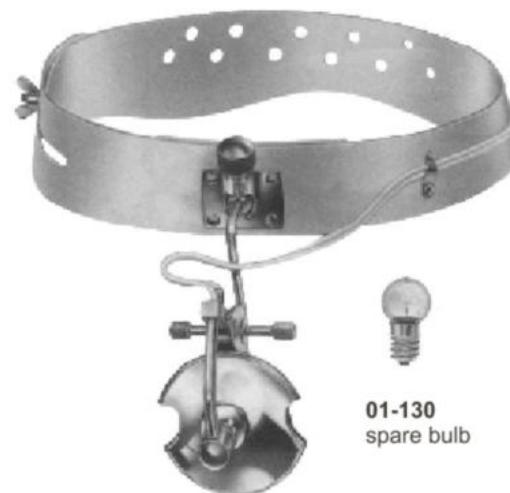
**01-126**  
 spare bulb

**01-127**  
 CLAR  
 Head light, 6 volt, with adjustable joint,  
 white celluloid head band, with foam rubber pad  
 and cord with plugs for transformer

**01-128**  
 White celluloid head band, only, for head light

**01-129**  
 mirror only, for head light

spare foam rubber pad, for head band



**01-130**  
 spare bulb

**01-131**  
 CLAR  
 Head light, 6 volt, with adjustable joint,  
 white plastic head band,  
 cord with plugs for transformer



**01-132**  
 spare bulb



SURGICAL INSTRUMENTS



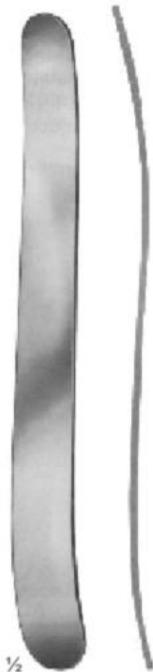
01-133  
Size: 150 mm



01-134  
Size: 145 mm



01-135  
Size: 140 mm



01-136  
BUCHWALD  
Size: 180 mm



01-137  
BRUENINGS  
Size: 190 mm



01-138  
FRENZEL  
Size: 165 mm



1/2  
150 mm



1/2  
140 mm



01-139  
SIMPLEX  
Size: 110 mm



01-140  
STEMBERG  
Size: 120 mm, 140 mm, 160 mm



01-141  
TOBOLD  
Size: 145 mm



01-142  
ANDREW  
Size: 110 mm



01-143  
WIEDER

SURGICAL INSTRUMENTS



**01-144**  
SCHIMMELBUSCH  
Ether Mask



**01-145**  
HEISTER  
Mouth Gag  
Size: 130 mm



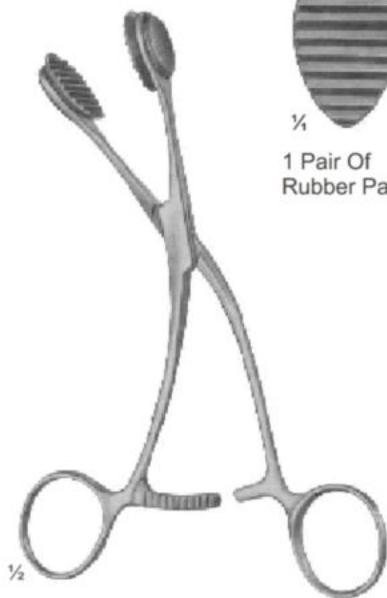
**01-146**  
FERGUSSON-ACKLAND  
Mouth Gag  
Size: 145 mm



**01-147**  
DENHARDT  
Mouth Gag With Silicon  
Inserts, Interchangeable  
Size: 125 mm



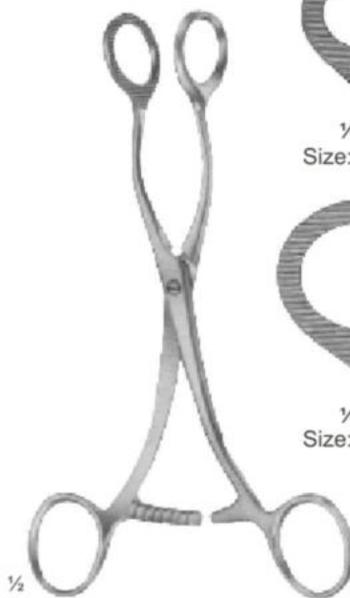
**01-148**  
ROSER KONIG  
Mouth Gag  
Size: 160 mm, 185 mm



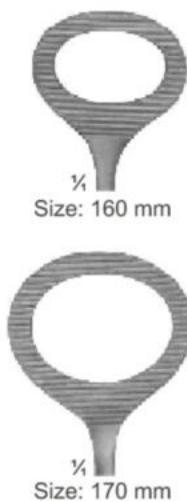
**01-149**  
YOUNG  
Size: 165 mm



$\frac{1}{2}$   
1 Pair Of  
Rubber Pads

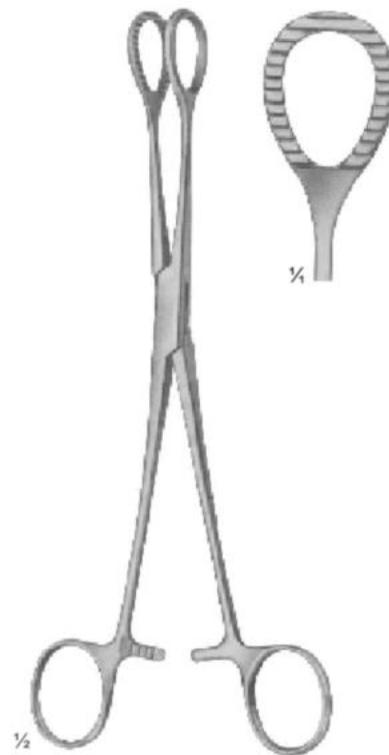


**01-150**  
COLLIN  
Size: 160 mm, 170 mm



$\frac{1}{4}$   
Size: 160 mm

$\frac{1}{4}$   
Size: 170 mm



**01-151**  
HEYWOOD-SMITH modif.  
Size: 215 mm



$\frac{1}{4}$

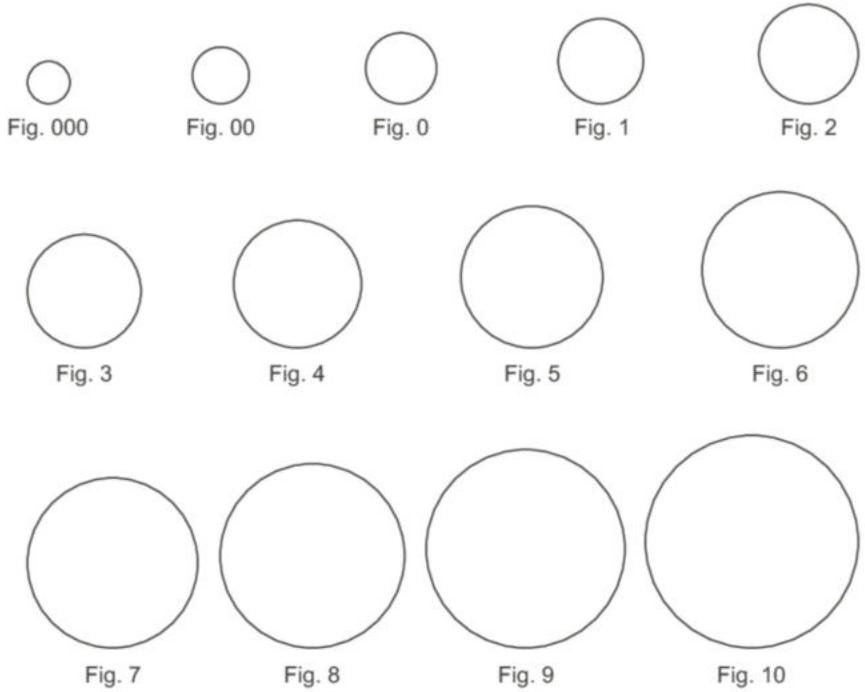
SURGICAL INSTRUMENTS



**01-152**  
FRANCKE  
Automatic Blood Lancet



**01-153**  
KOLLE  
Microscopic Needle Holder  
With Plastic Handle  
Size: 240 mm



**01-158**  
Spare Mirrors Only  
Size: 12 mm



**01-159**  
Spare Mirrors Only  
Size: 14 mm



**01-154**  
Laryngeal Mirrors With  
Hexagonal Handle  
Size: 180 mm



**01-155**  
Mirror Handle  
Size: 110 mm



**01-156**  
Mirror Handle  
Size: 105 mm



**01-157**  
MICHEL  
Rhinoscopic Mirrors With  
Interchangeable Mirror Inserts



SURGICAL INSTRUMENTS



1/2  
**01-160 - 162**  
MAGILL



**01-160**  
Infants  
Size: 150 mm



**01-161**  
Children  
Size: 200 mm



**01-162**  
Adults  
Size: 250 mm



1/2  
**01-163**  
Medium battery handle  
only, 25 mm diam.



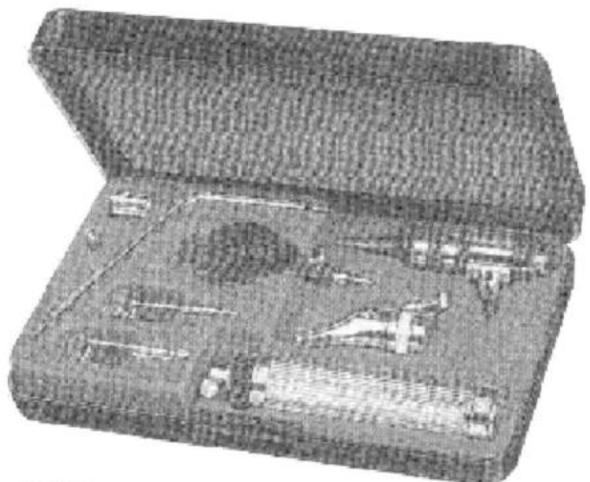
**01-163-A**  
Spare bulb  
2.7 volt, for  
autosopes



**01-163-B**  
Spare bulb  
2.6 volt, for  
ophthalmoscopes



**01-164**  
Otoscope Set, Consists Of  
Battery Handle Without Batteries,  
3 Ear Specula, 1 Bulb In Valvet Lined Case



**01-165**  
Diagnostic Set, Otoscope With Three Specula,  
Nasal Speculam, Lamp Holder, Two Laryngeal  
Mirrors, Tongue Blade Holder

SURGICAL INSTRUMENTS



**01-166**  
**MILLER**  
 Laryngoscope Set, Consists Of Battery Handle ( Without Battery )  
 With Four Miller Laryngoscope Blades

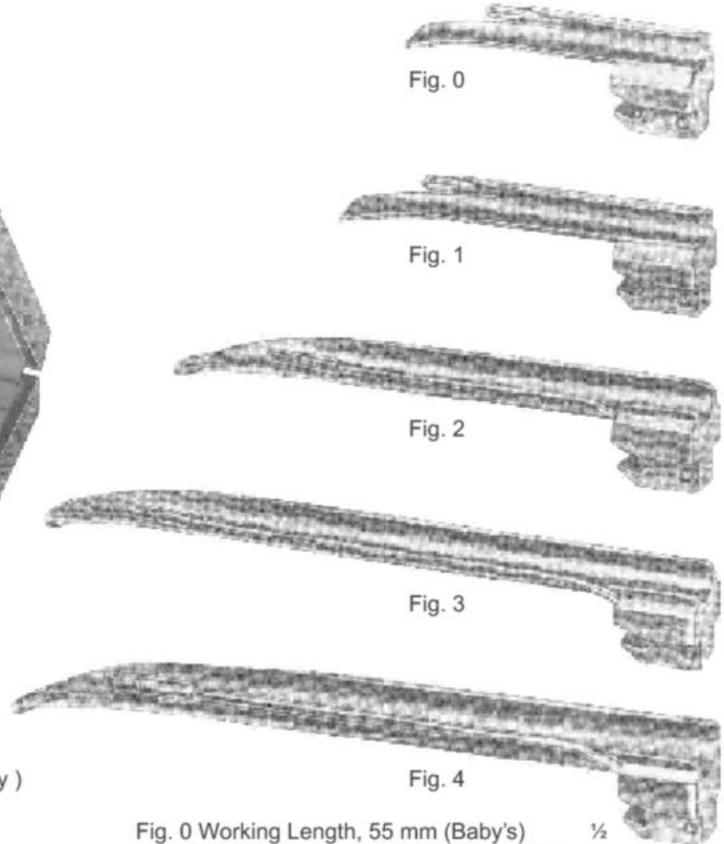


Fig. 0 Working Length, 55 mm (Baby's)  $\frac{1}{2}$   
 Fig. 1 Working Length, 80 mm (Children's)  
 Fig. 2 Working Length, 130 mm (Adolescent's)  
 Fig. 3 Working Length, 170 mm (Women's)  
 Fig. 4 Working Length, 180 mm (Men's)



**01-167**  
**GUEDEL-NEGUS**  
 Laryngoscope Set, Consists Of Battery Handle ( Without Battery )  
 With Four Miller Laryngoscope Blades

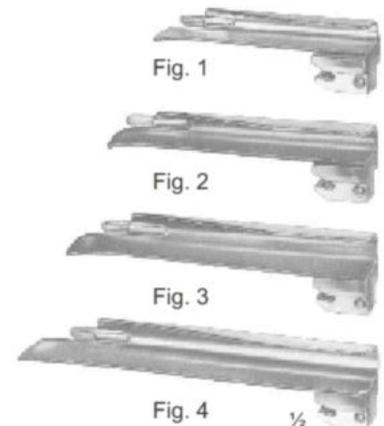


Fig. 1 Working Length, 70 mm (Children's)  
 Fig. 2 Working Length, 90 mm (Adolescent's)  
 Fig. 3 Working Length, 110 mm (Women's)  
 Fig. 4 Working Length, 135 mm (Men's)



SURGICAL INSTRUMENTS



**01-168**  
McIntosh  
Laryngoscope Set, Consists Of Battery Handle ( Without Battery )  
With Three McIntosh Blades, Fig. 1, Fig. 2, Fig. 3

**01-169**  
McIntosh  
Laryngoscope Set, Consists Of Battery Handle ( Without Battery )  
With Five McIntosh Blades, Fig. 1, Fig. 2, Fig. 3, Fig. 4, Fig. 5

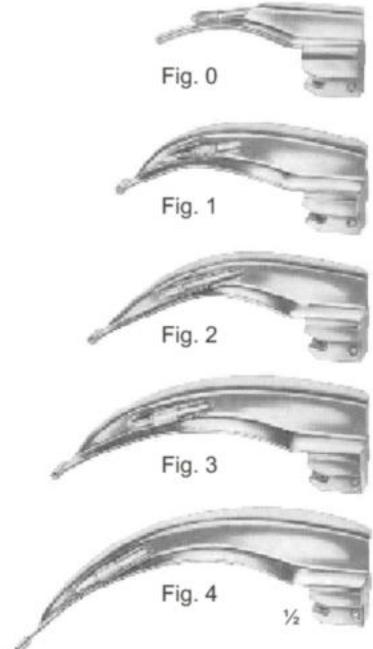
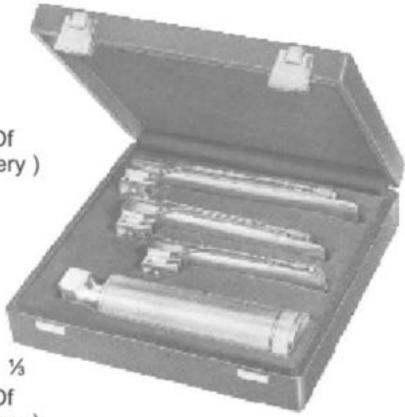


Fig. 0 Working Length, 55 mm (Baby's)  
Fig. 1 Working Length, 75 mm (Children's)  
Fig. 2 Working Length, 90 mm (Adolescent's)  
Fig. 3 Working Length, 110 mm (Women's)  
Fig. 4 Working Length, 135 mm (Men's)



**01-170**  
FOREGGER  
Laryngoscope Set, Consists Of  
Battery Handle ( Without Battery )  
With Three Foregger Blades,  
Fig. 1, Fig. 2, Fig. 3,

**01-171**  
FOREGGER  
Laryngoscope Set, Consists Of  
Battery Handle ( Without Battery )  
With Five Foregger Blades,  
Fig. 1, Fig. 2, Fig. 3, Fig. 4, Fig. 5

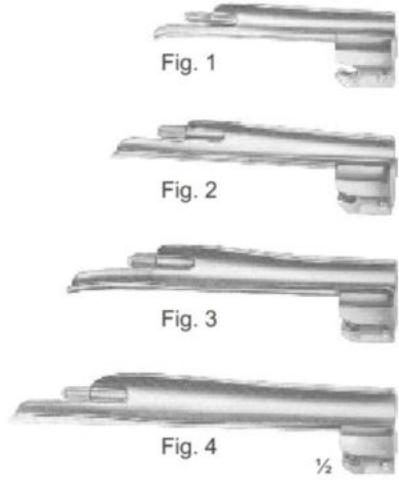


Fig. 1 Working Length, 70 mm (Children's)  
Fig. 2 Working Length, 90 mm (Adolescent's)  
Fig. 3 Working Length, 110 mm (Women's)  
Fig. 4 Working Length, 135 mm (Men's)



**01-172**  
Fiber Optic  
Battery Handle



**01-173**  
Fiber Optic  
Battery Handle



**01-174**  
Replacement Lamp  
( Krypton ) 2.5 V



**01-175**  
Replacement Lamp  
( Halogen ) 2.5 V

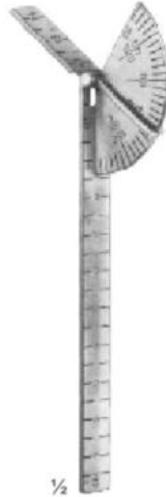
SURGICAL INSTRUMENTS



**01-176**  
Caliper Of Aluminum  
Up To 180 mm



**01-177**  
VERNIER  
Universal Caliper Of Steel  
Up To 120 mm



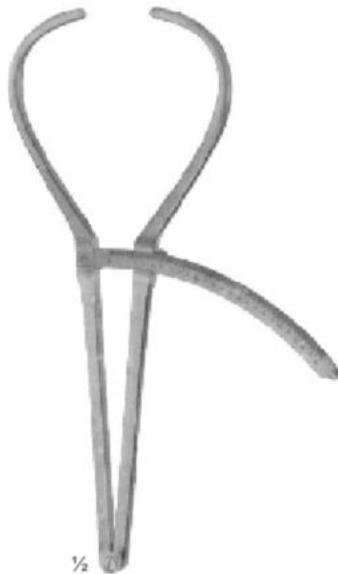
**01-178**  
CAROLL  
Size: 140 mm



**01-179**  
TOWNLEY  
Size: 100 mm



**01-180**  
COLLIN  
Druck Pressure 72 kg  
Size: 125 mm



**01-181**  
BERTILLON  
Caliper For Measuring The Head  
Size: 320 mm



**01-182**  
CASTROVIEJO  
Caliper



**01-183**  
MOLTGEN  
Goniometer



**01-184**  
Size: 500 mm



01-185

SURGICAL INSTRUMENTS



02-101 - 110  
Fig. 1 - 10



02-101  
Fig. 1



02-102  
Fig. 2



02-103  
Fig. 3



02-104  
Fig. 4



02-105  
Fig. 5



02-106  
Fig. 6



02-107  
Fig. 7



02-108  
Fig. 8



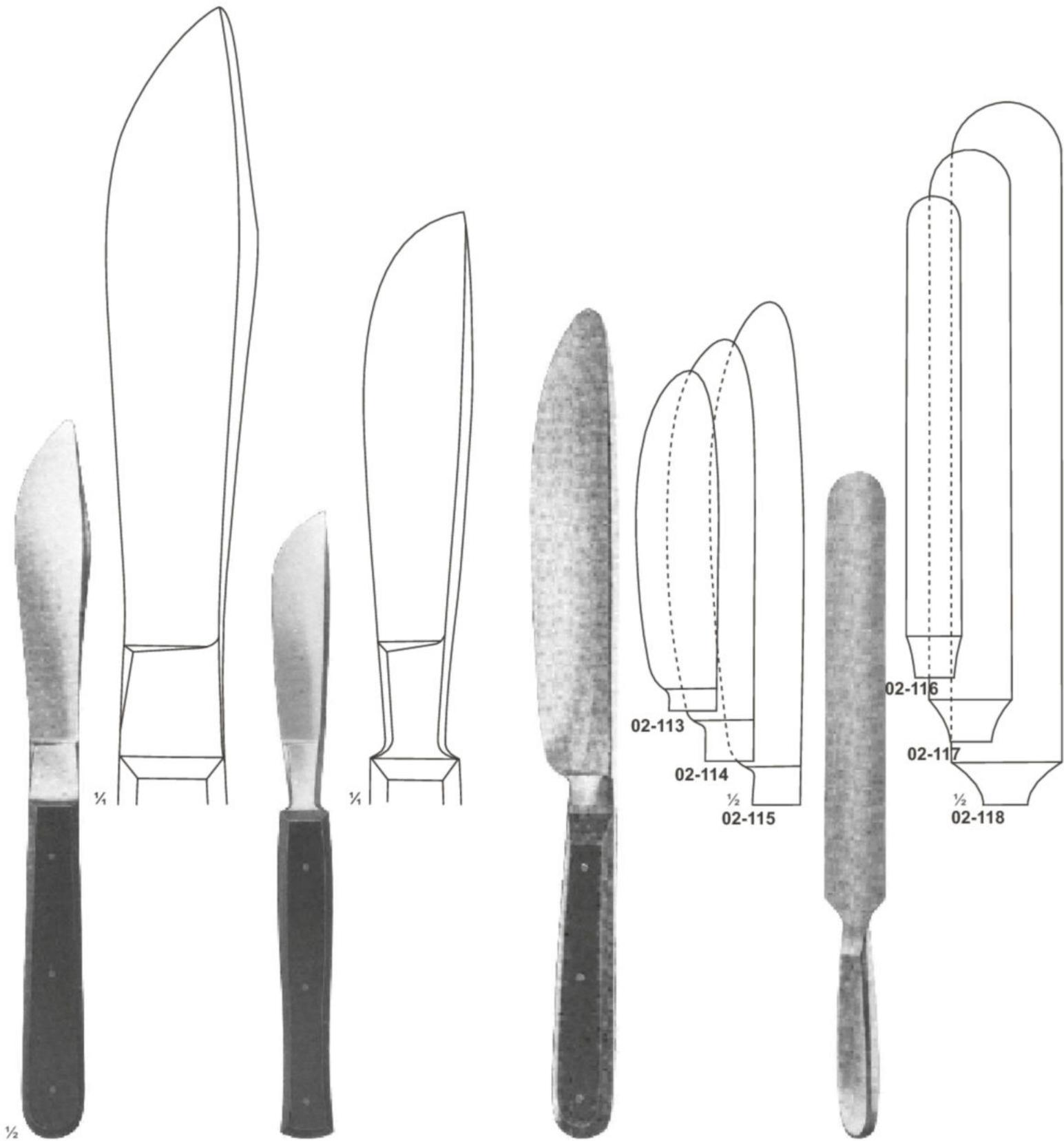
02-109  
Fig. 9



02-110  
Fig. 10



SURGICAL INSTRUMENTS



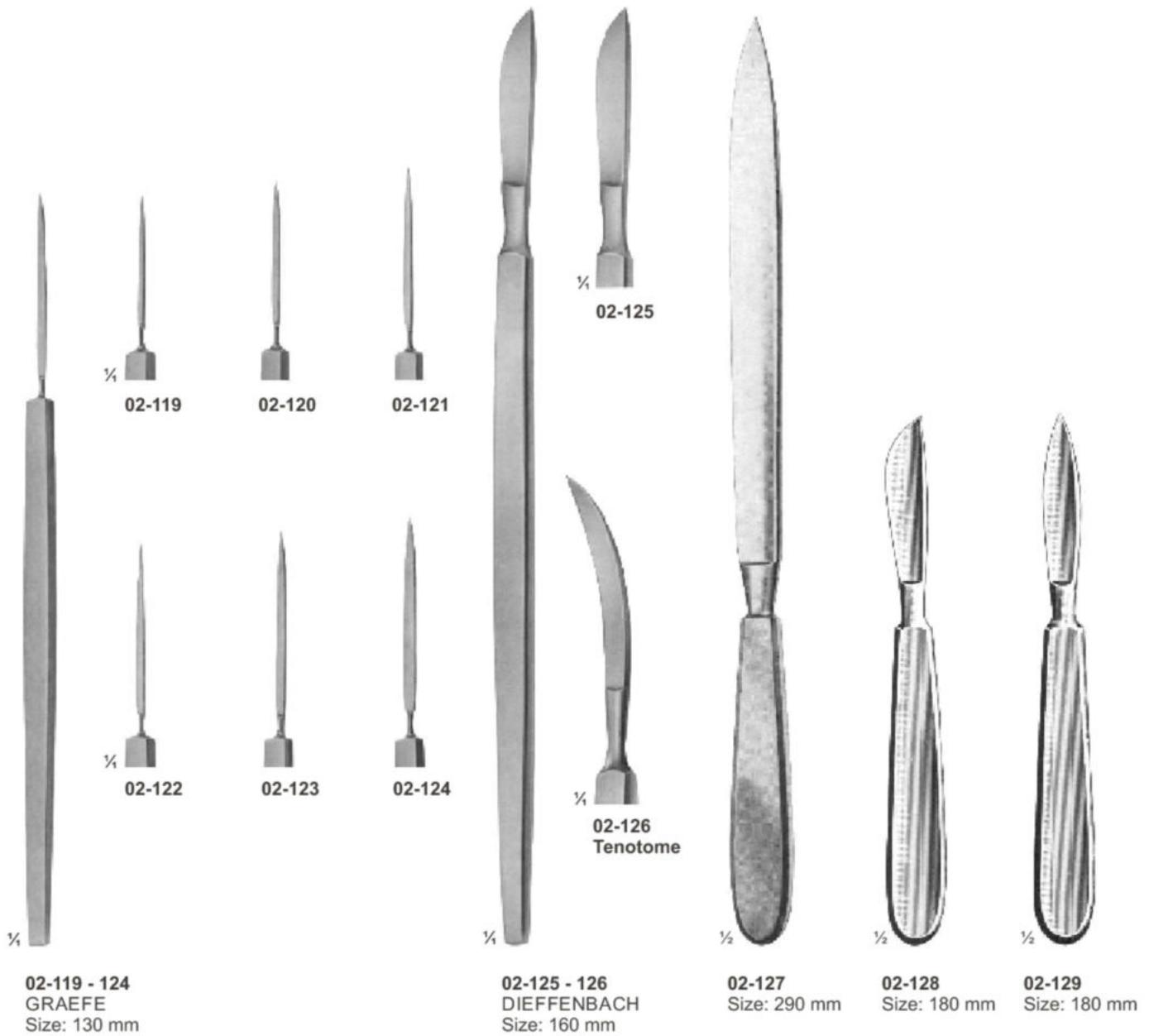
$\frac{1}{2}$   
02-111  
Size: 255 mm

02-112  
VIRCHOW

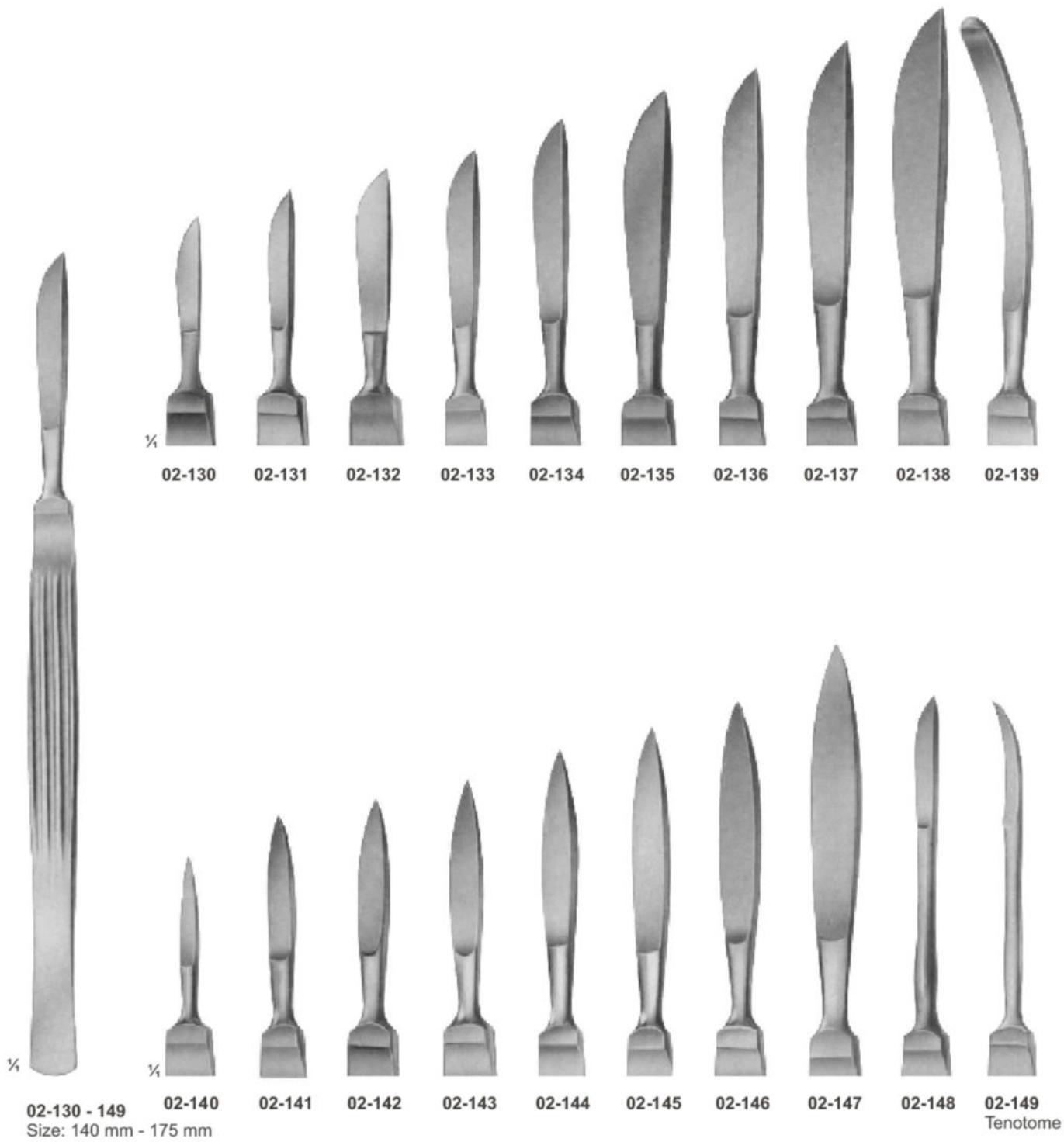
02-113 - 115  
WALB

02-116 - 118  
VIRCHOW

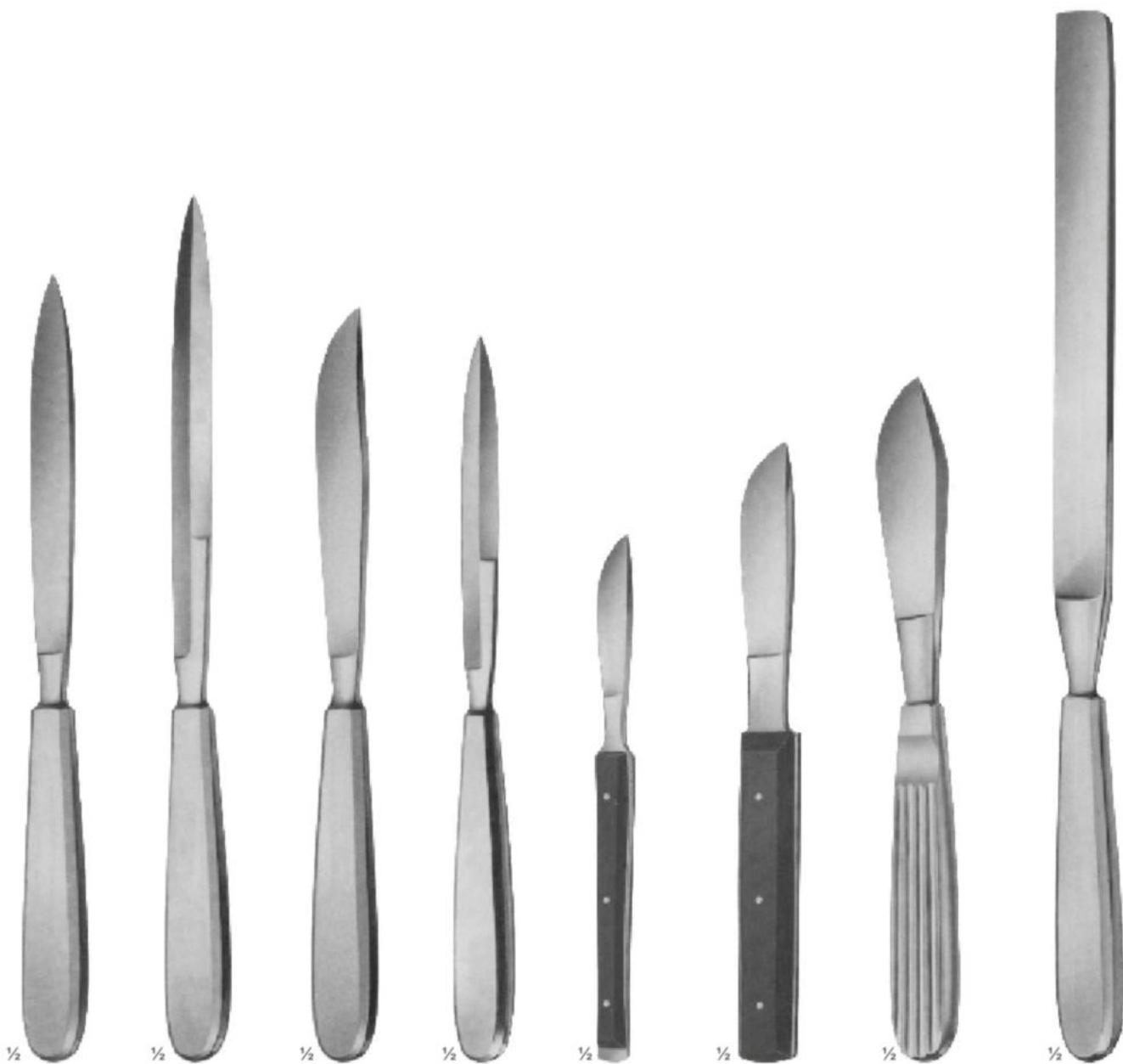
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



**02-150**

Size: 130 mm

**02-151**

Size: 160 mm

**02-152**

Size: 190 mm

**02-153**

Size: 200 mm

Blade Length  
Amputating Knives

**02-154**

CATLIN

Size: 160 mm

Blade Length

Amputating

Knives

**02-155**

LANGENBECK

Size: 120 mm

Blade Length

Flap Knives

**02-156**

Size: 110 mm

Blade Length

Interosseous

Knives

**02-157**

Size: 55 mm

Blade Length

With Raspatory,

Wooden Handle

**02-158**

Size: 70 mm

Blade Length

Wooden Handle

**02-159**

Size: 80 mm

Blade Length

Metal Handle

**02-160**

Size: 195 mm

Blade Length

Metal Handle



SURGICAL INSTRUMENTS



**02-161**  
AYRE  
Size: 235 mm  
Cone Knife

**02-162**  
Size: 230 mm  
Cone Knife

**02-163**  
SEGOND  
Size: 270 mm  
Myomatome

**02-164**  
OLIVECRONA  
Size: 205 mm  
Trigeminal  
Knife

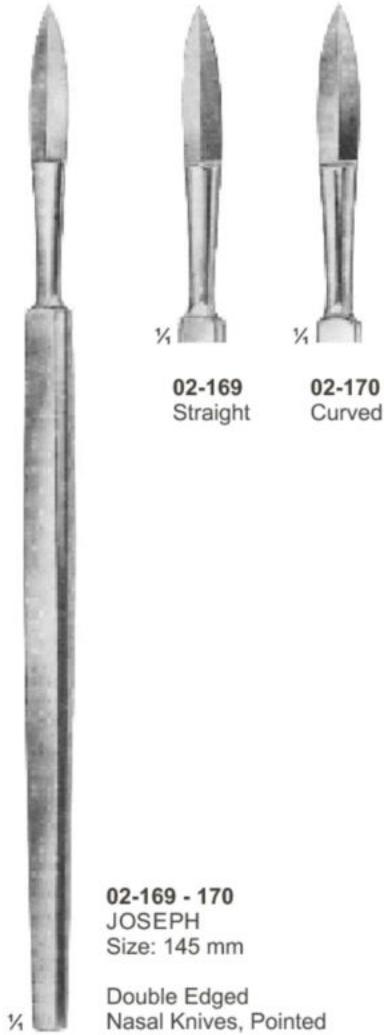
**02-165**  
Size: 230 mm  
Trigeminal  
Knife

**02-166**  
FOWLER  
Size: 200 mm  
Tonsil Knife

**02-167**  
ABRAHAM  
Size: 215 mm  
Tonsil Knife

**02-168**  
BRUNINGS  
Size: 215 mm  
Tonsil Knife

SURGICAL INSTRUMENTS

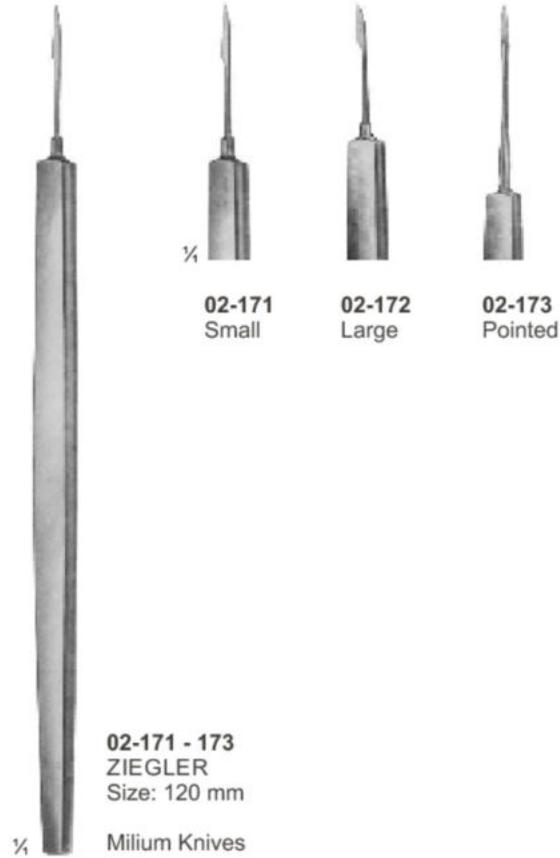


**02-169**  
Straight

**02-170**  
Curved

**02-169 - 170**  
JOSEPH  
Size: 145 mm

Double Edged  
Nasal Knives, Pointed



**02-171**  
Small

**02-172**  
Large

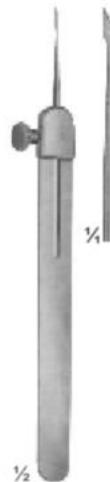
**02-173**  
Pointed

**02-171 - 173**  
ZIEGLER  
Size: 120 mm

Milium Knives



**02-174**  
VIDAL  
Lupus Scraper  
Size: 135 mm



**02-175**  
MONCORPS  
Milium Knives  
Size: 130 mm



**02-176**  
SAALFELD  
Size: 100 mm



**02-177**  
HEBRA  
Size: 180 mm

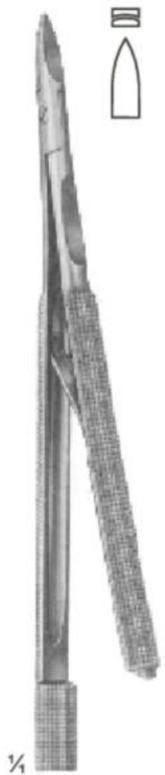


**02-178**  
Size: 145 mm

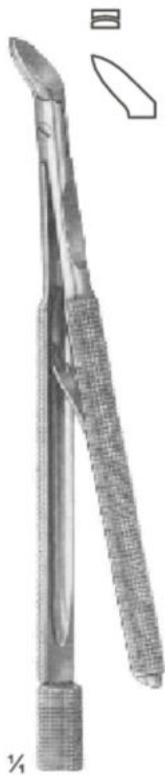


**02-179**  
UNNA  
Size: 145 mm

SURGICAL INSTRUMENTS



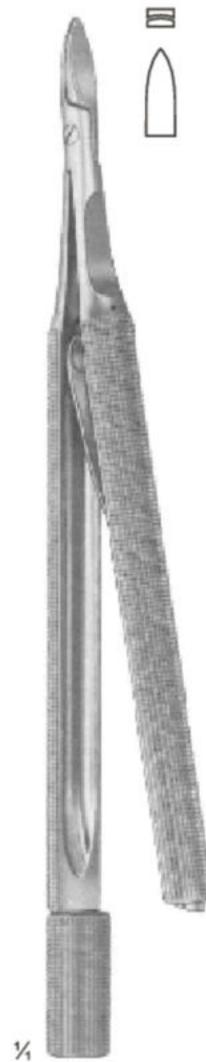
**02-180**  
TROUTMAN-CHRIS  
Size: 100 mm



**02-181**  
TROUTMAN-CHRIS  
Size: 100 mm



**02-182**  
Size: 110 mm

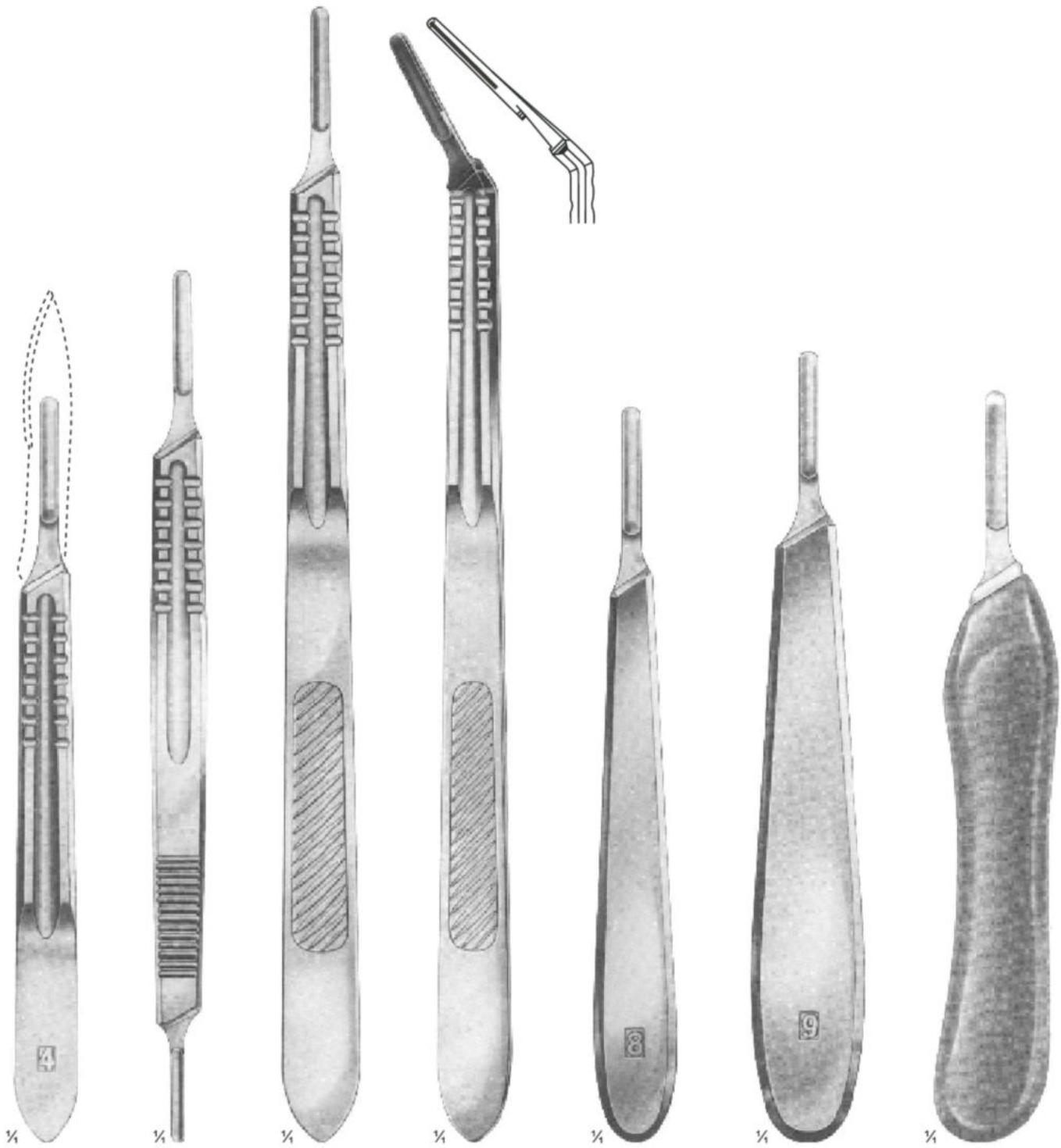


**02-183**  
CASTROVIEJO  
Size: 130 mm



**02-184**  
Size: 185 mm

SURGICAL INSTRUMENTS



**02-185**  
STANDARD  
No. 4  
Solid

**02-186**  
Double Handel  
No. 4 + No. 3  
Solid

**02-187**  
No. 4 L  
Straight  
Solid

**02-188**  
No. 4 L  
Solid Angled

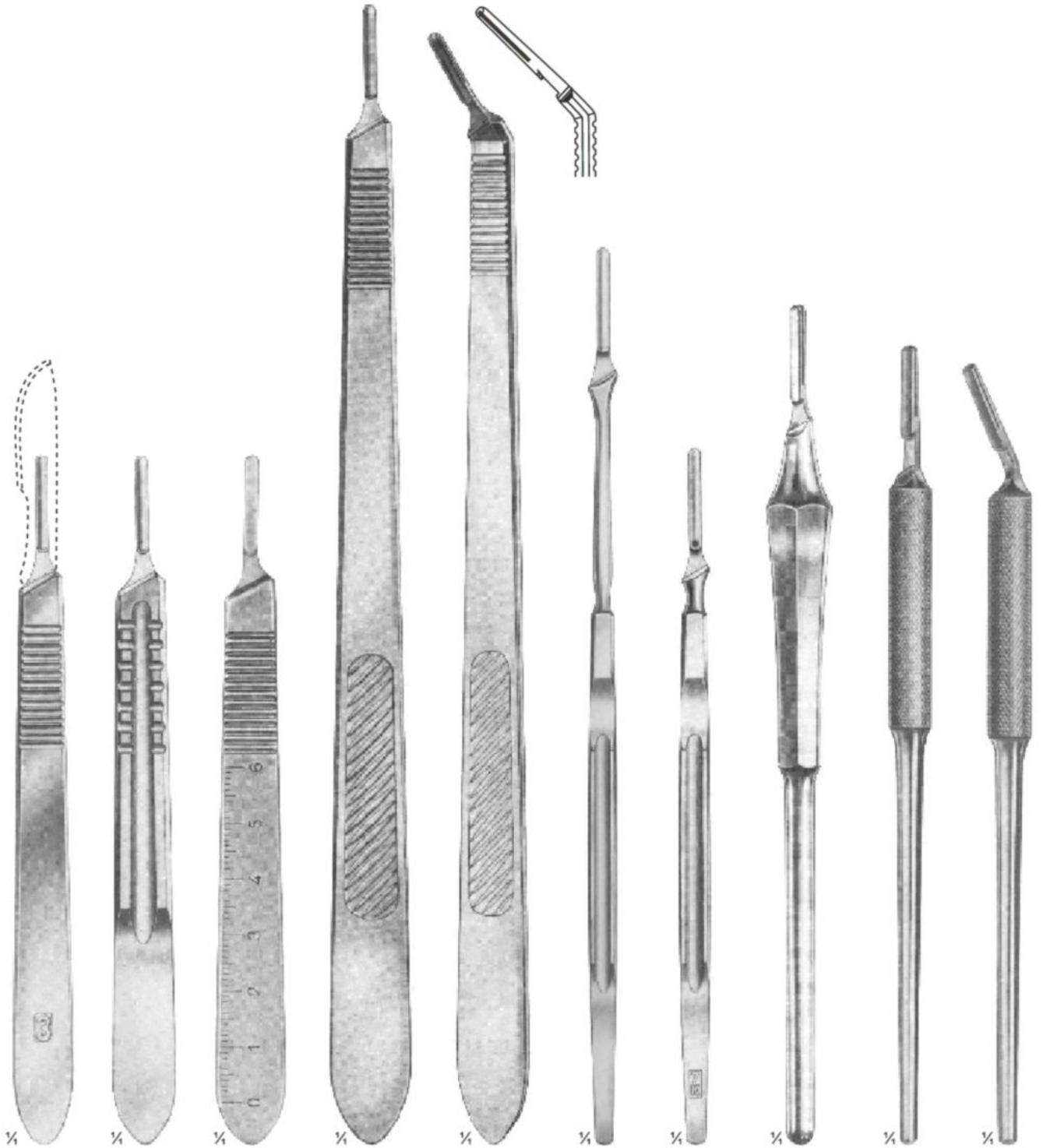
**02-189**  
COLLIN  
No. 8  
Hollow

**02-190**  
COLLIN  
No. 9  
Hollow

**02-191**  
Plastic



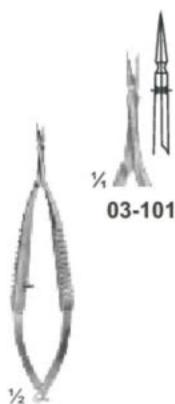
SURGICAL INSTRUMENTS



02-192 STANDARD No. 3 No. 3 Solid	02-193 No. 3 Solid	02-194 No. 3 Solid	02-195 No. 3 L Straight Solid	02-196 No. 3 L Angled Solid	02-197 No. 7 Solid	02-198 No. 7 K Solid	02-199 Hollow-Round	02-200 No. 3 Straight Solid	02-201 No. 3 Angled Solid
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SURGICAL INSTRUMENTS



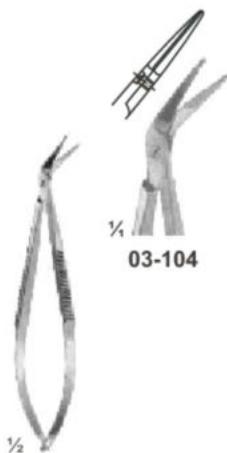
03-101 - 103  
VANNAS  
Size: 85 mm



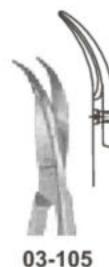
03-102



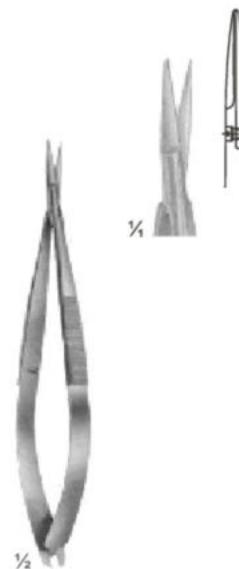
03-103



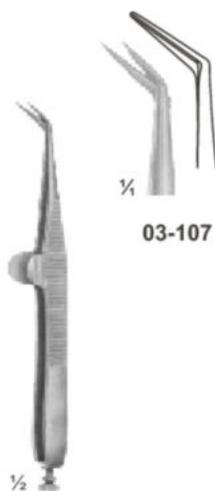
03-104 - 105  
CASTROVIEJO  
Size: 95 mm



03-105



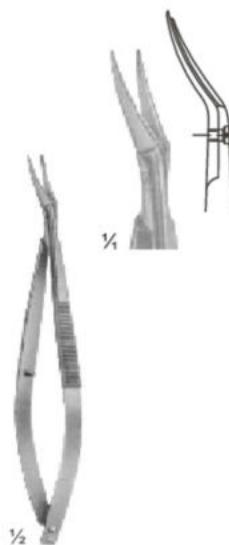
03-106  
NOYES  
Size: 125 mm



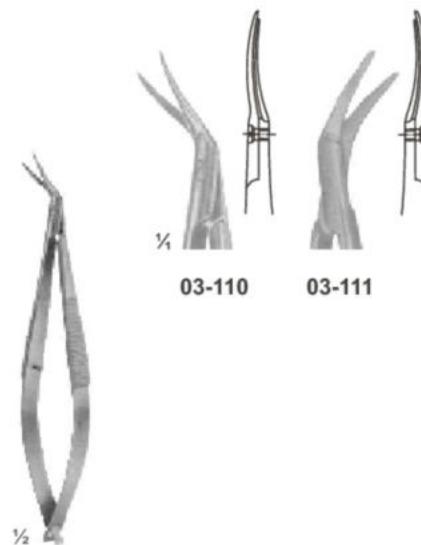
03-107 - 108  
WECKER  
Eye Scissor  
Size: 110 mm



03-108



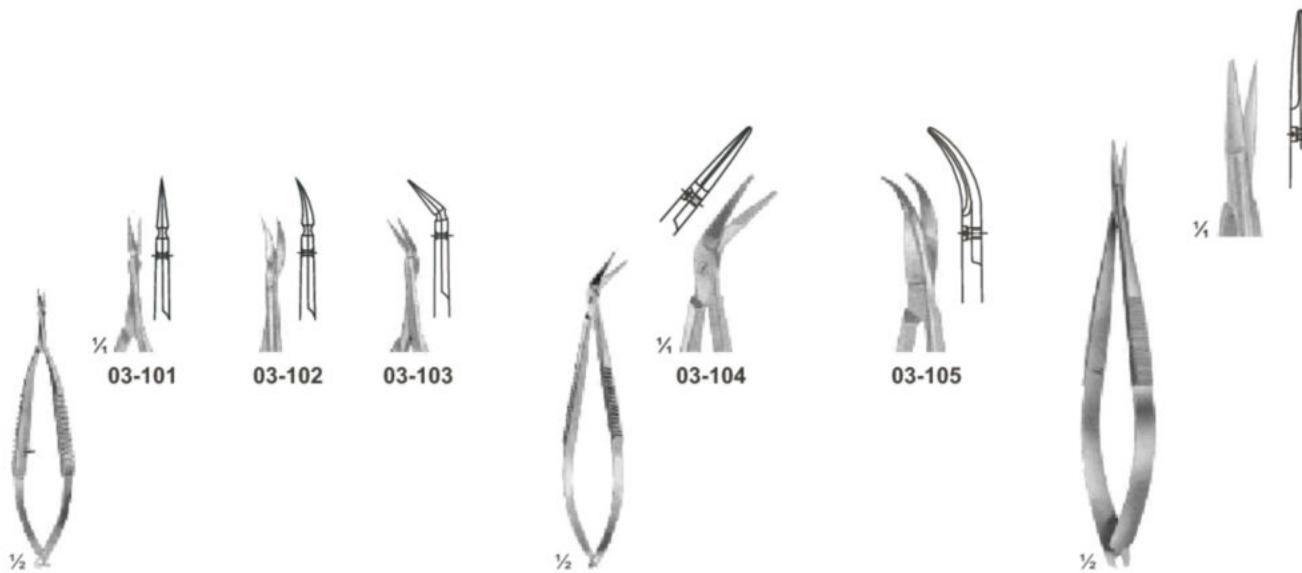
03-109  
CASTROVIEJO  
Eye Scissor  
Size: 115 mm



03-110 - 111  
CASTROVIEJO  
Eye Scissor  
Size: 110 mm

03-111

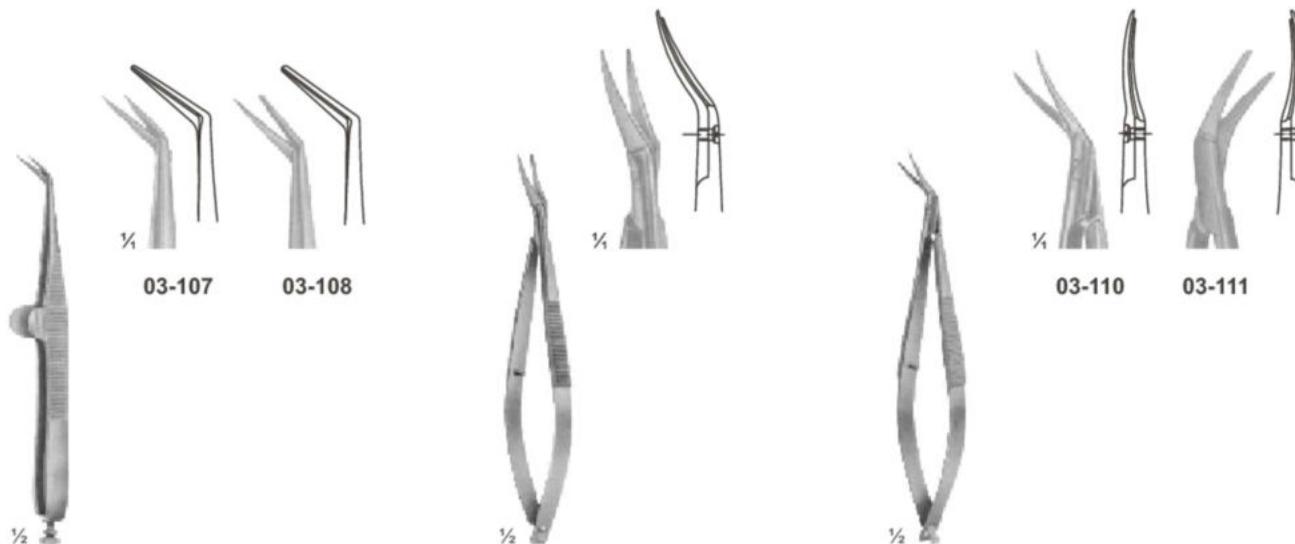
SURGICAL INSTRUMENTS



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

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

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

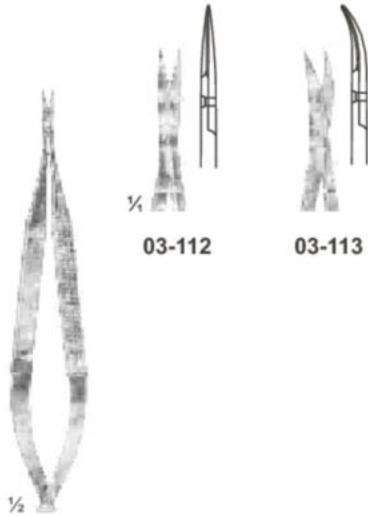


**03-107 - 108**  
WECKER  
Eye Scissor  
Size: 110 mm

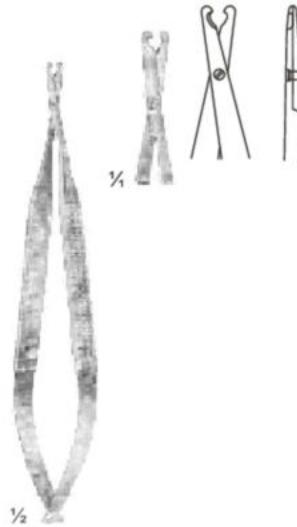
**03-109**  
CASTROVIEJO  
Eye Scissor  
Size: 115 mm

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

SURGICAL INSTRUMENTS

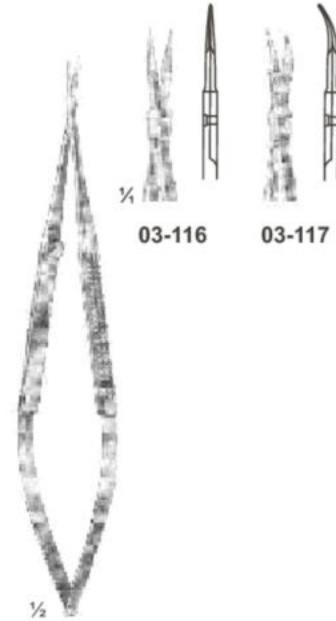


**03-112 - 113**  
Size: 120 mm

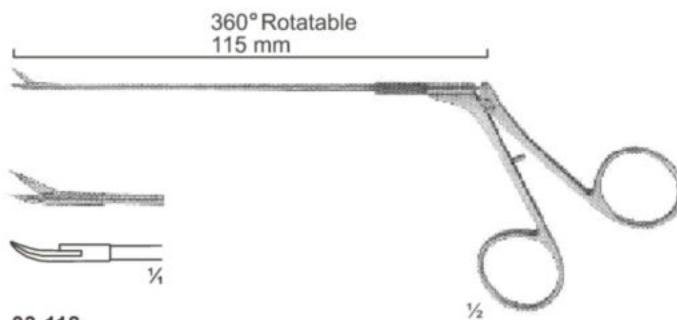


**03-114**  
BIEMER  
Vein Scissor  
Size: 130 mm

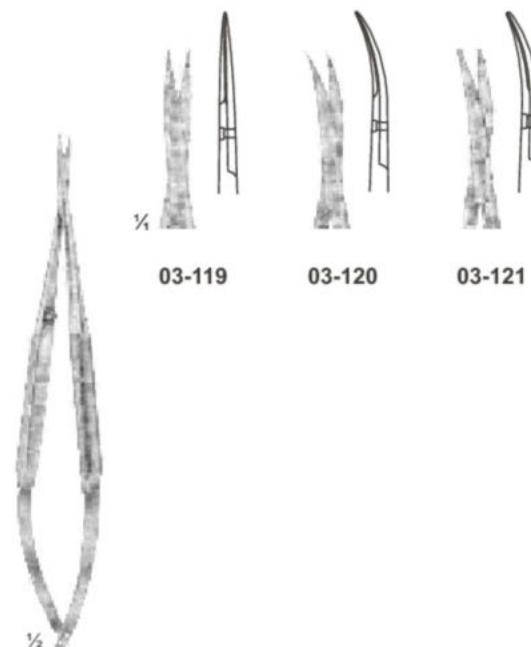
**03-115**  
Size: 160 mm



**03-116 - 117**  
VANNAS  
Size: 160 mm



**03-118**  
CASPAR  
Micro Scissor Curved  
Size: 115 mm



**03-119 - 121**  
Micro Dissecting Scissor  
Size: 145 mm

SURGICAL INSTRUMENTS



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



**03-123**



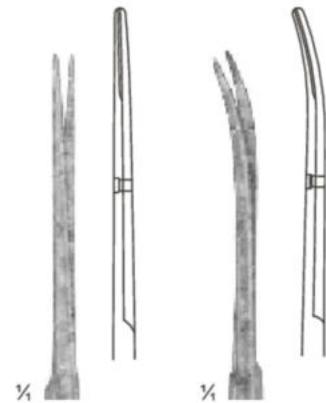
**03-124**



**03-123 - 124**  
Laterally Angled  
Size: 200 mm



**03-125**  
Laterally Angled  
Size: 190 mm



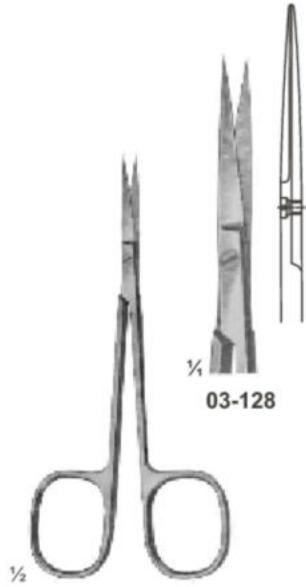
**03-126**

**03-127**



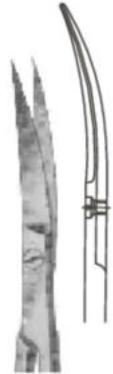
**03-126 - 127**  
YASARGIL  
Size: 225 mm

SURGICAL INSTRUMENTS

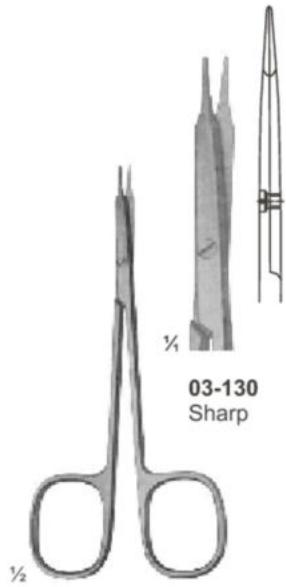


03-128

03-128 - 129  
Size: 120 mm



03-129



03-130  
Sharp

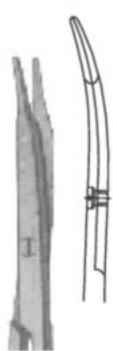
03-130 - 133  
STEVENS  
Dissecting Scissors  
Size: 115 mm



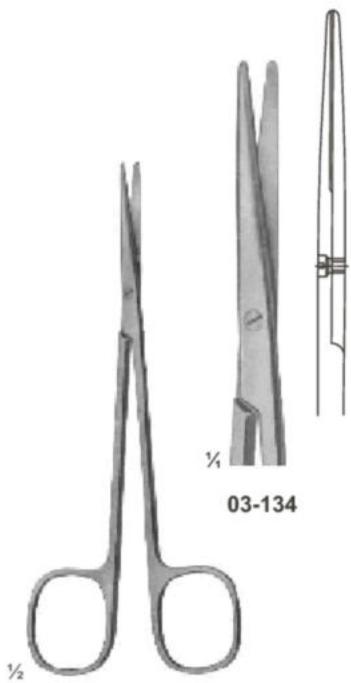
03-131  
Sharp



03-132  
Blunt

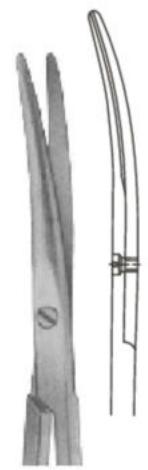


03-133  
Blunt

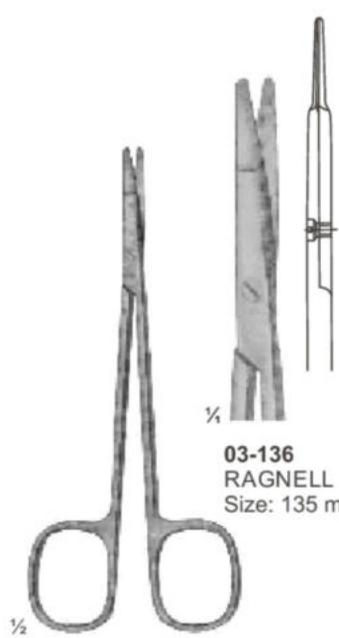


03-134

03-134 - 135  
METZENBAUM  
Dissecting Scissors  
Size: 145 mm

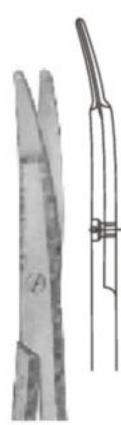


03-135

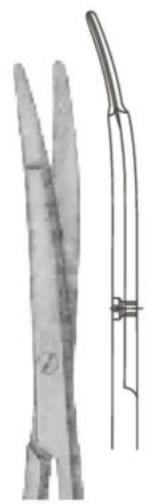


03-136  
RAGNELL  
Size: 135 mm

03-136 - 138  
Special flat points for  
dissecting and  
undermining the skin  
Size: 145 mm



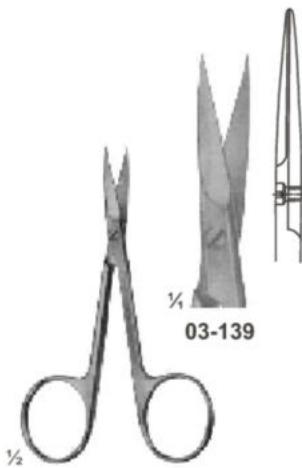
03-137  
RAGNELL  
Size: 135 mm



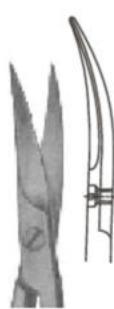
03-138  
Size: 150 mm



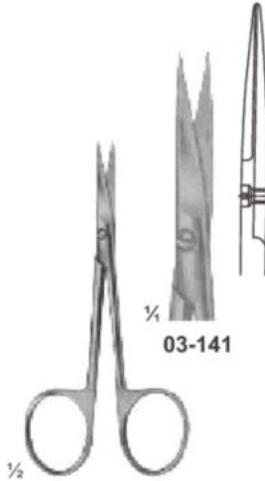
SURGICAL INSTRUMENTS



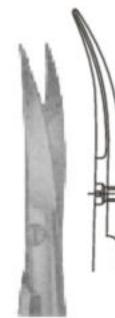
03-139



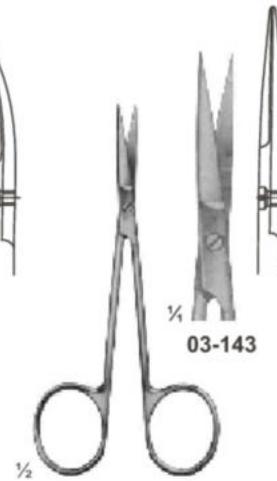
03-140



03-141



03-142



03-143

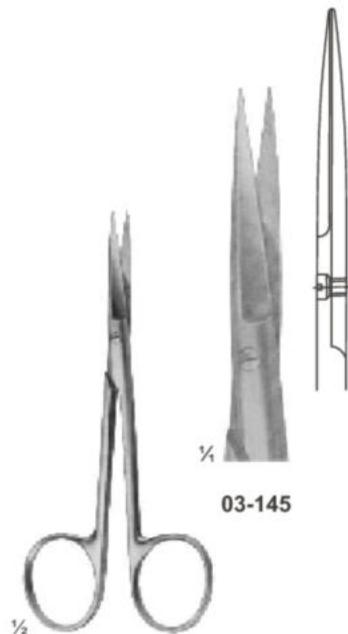


03-144

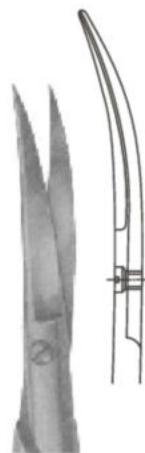
03-139 - 140  
Size: 90 mm

03-141 - 142  
Size: 95 mm

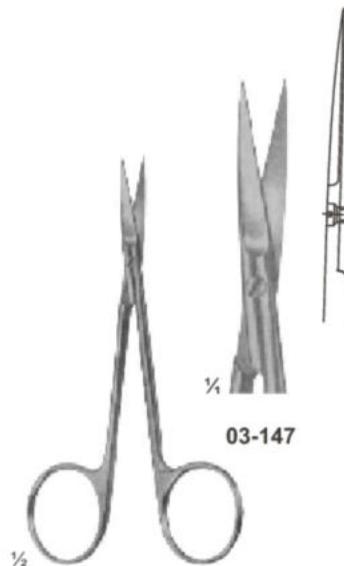
03-143 - 144  
Size: 105 mm



03-145



03-146



03-147



03-148

03-145 - 146  
Size: 120 mm

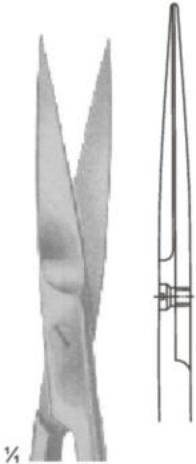
03-147 - 148  
Size: 115 mm



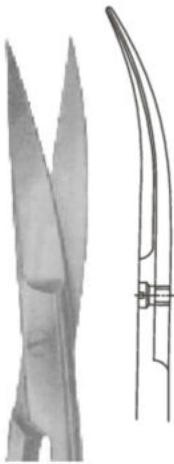
SURGICAL INSTRUMENTS



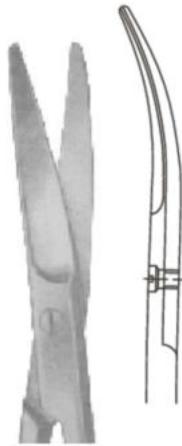
03-149 - 151  
Size: 120 mm



03-149



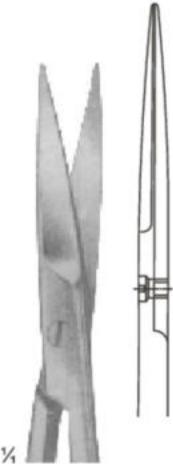
03-150



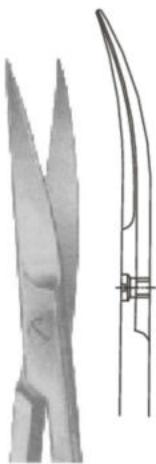
03-151



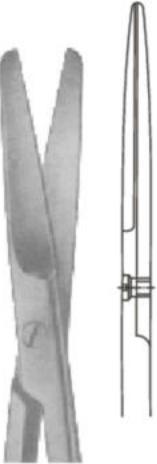
03-152 - 155  
Size: 130 mm



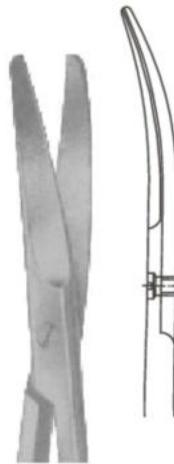
03-152



03-153

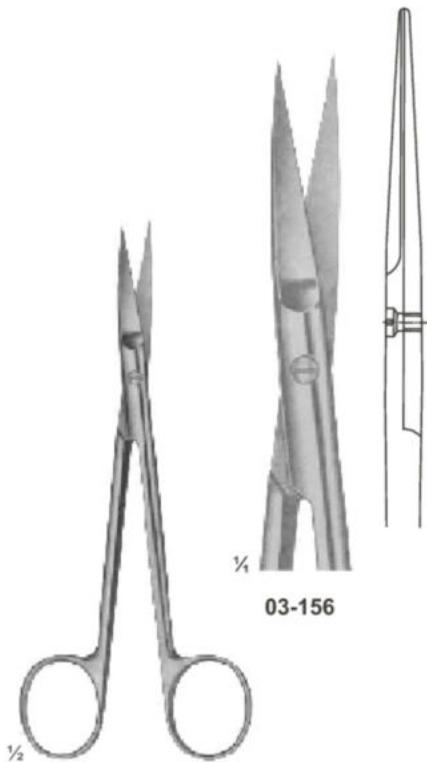


03-154

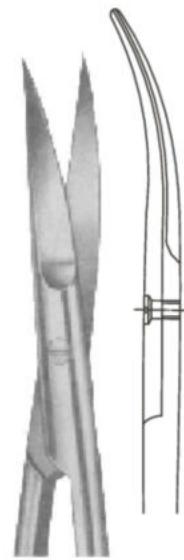


03-155

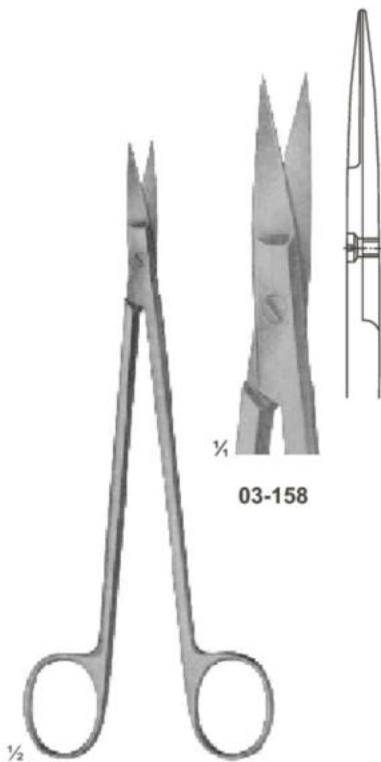
SURGICAL INSTRUMENTS



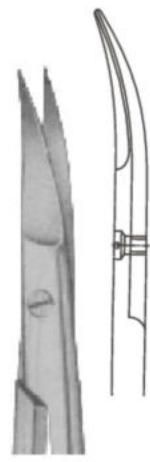
03-156



03-157



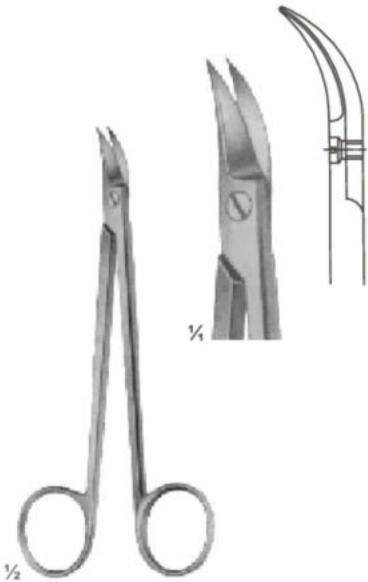
03-158



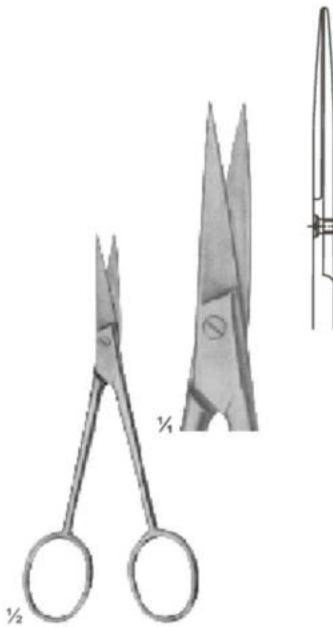
03-159

03-156 - 157  
JOSEPH  
Size: 150 mm

03-158 - 159  
KELLY  
Size: 175 mm

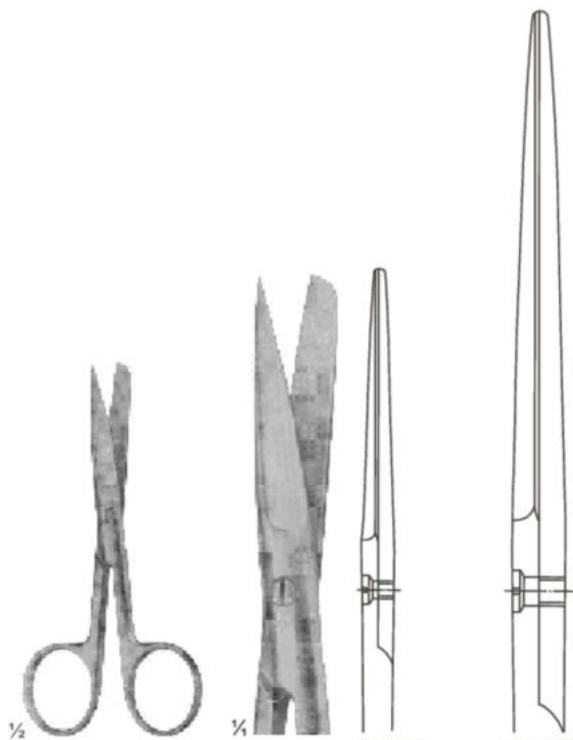


03-160  
QUINBY  
Size: 130 mm



03-161  
Size: 110 mm

SURGICAL INSTRUMENTS

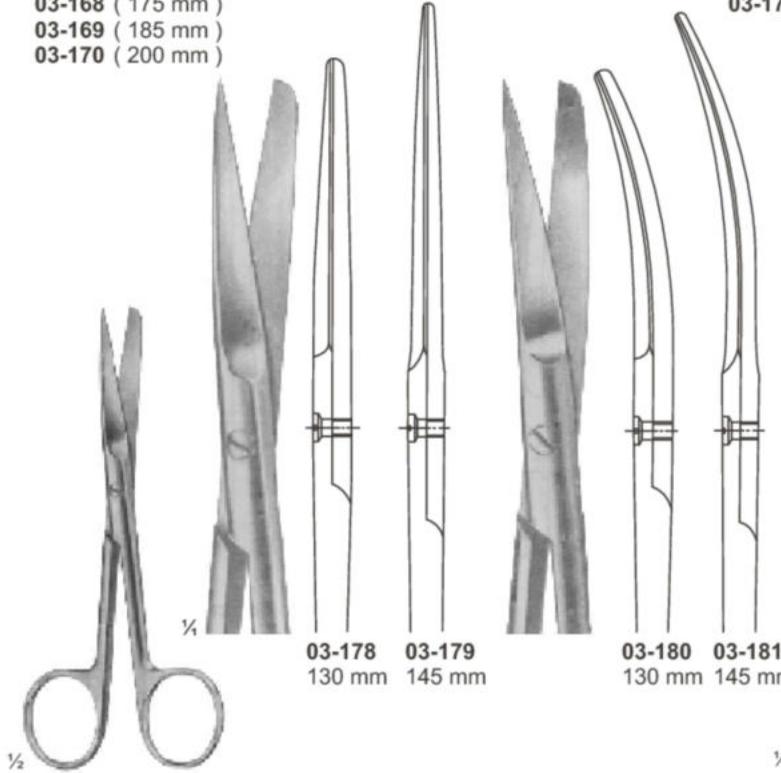


**03-162 - 170 (Standard Types)**  
 03-162 (105 mm)  
 03-163 (115 mm)  
 03-164 (130 mm)  
 03-165 (145 mm)  
 03-166 (150 mm)  
 03-167 (165 mm)  
 03-168 (175 mm)  
 03-169 (185 mm)  
 03-170 (200 mm)

**03-162** Size: 105 mm  
**03-170** Size: 200 mm

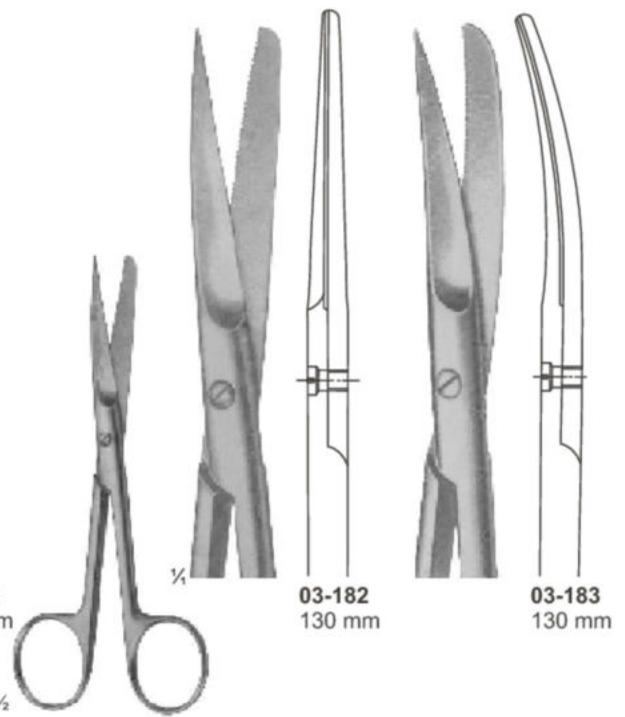


**03-171 - 177 (Standard Types)**  
 03-171 (115 mm)  
 03-172 (130 mm)  
 03-173 (145 mm)  
 03-174 (150 mm)  
 03-175 (165 mm)  
 03-176 (175 mm)  
 03-177 (185 mm)



**03-178 - 181**  
 Slender Types

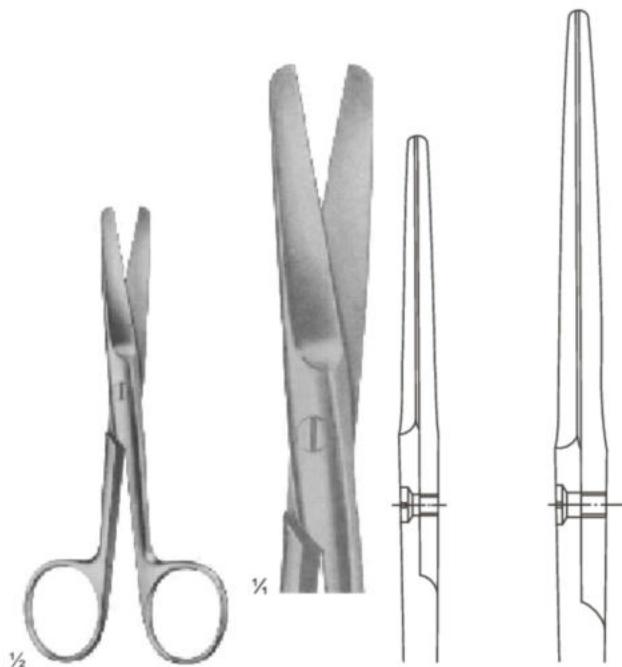
**03-178** 130 mm  
**03-179** 145 mm  
**03-180** 130 mm  
**03-181** 145 mm



**03-182 - 183**  
 For Wound Edges

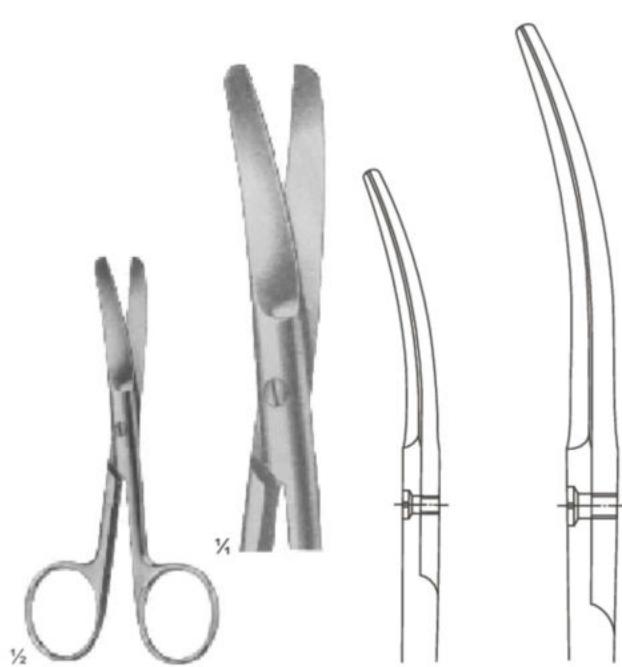
**03-182** 130 mm  
**03-183** 130 mm

SURGICAL INSTRUMENTS



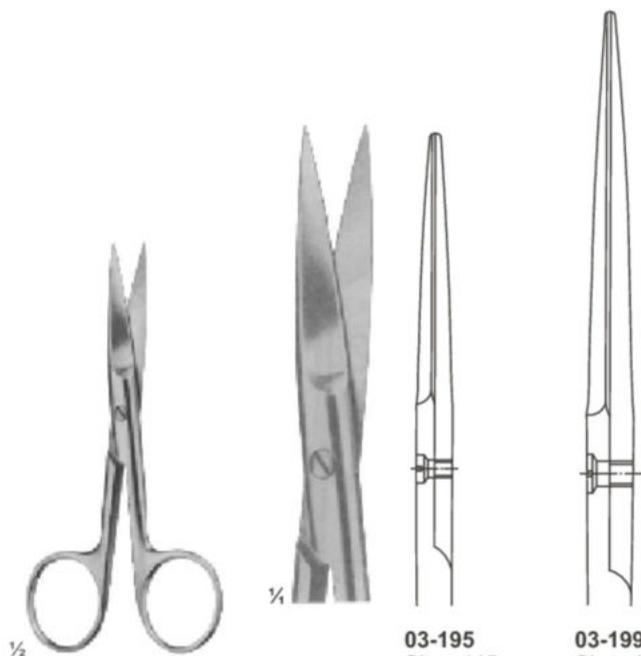
**03-184 - 188** (Standard Types)  
**03-184** ( 130 mm )  
**03-185** ( 145 mm )  
**03-186** ( 150 mm )  
**03-187** ( 165 mm )  
**03-188** ( 175 mm )

**03-184** Size: 130 mm  
**03-188** Size: 175 mm



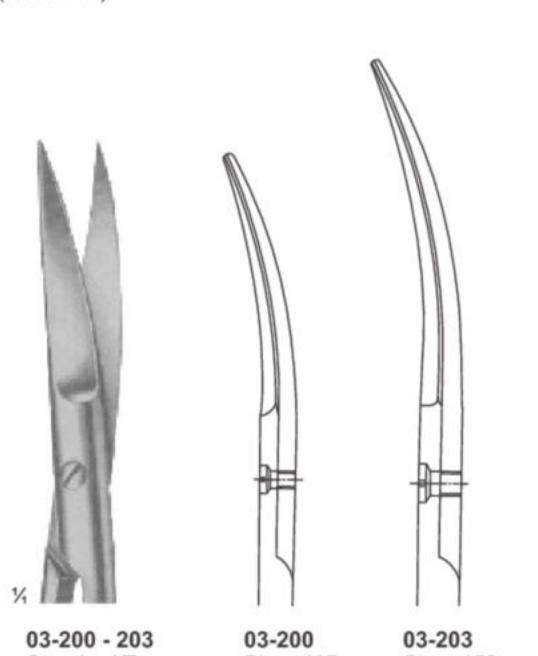
**03-189 - 194 - COOPER**  
 Standard Types  
**03-189** ( 115 mm )  
**03-190** ( 130 mm )  
**03-191** ( 145 mm )  
**03-192** ( 150 mm )  
**03-193** ( 165 mm )  
**03-194** ( 175 mm )

**03-189** Size: 115 mm  
**03-194** Size: 175 mm



**03-195 - 199**  
 Standard Types  
**03-195** ( 115 mm )  
**03-196** ( 130 mm )  
**03-197** ( 145 mm )  
**03-198** ( 150 mm )  
**03-199** ( 165 mm )

**03-195** Size: 115 mm  
**03-199** Size: 165 mm



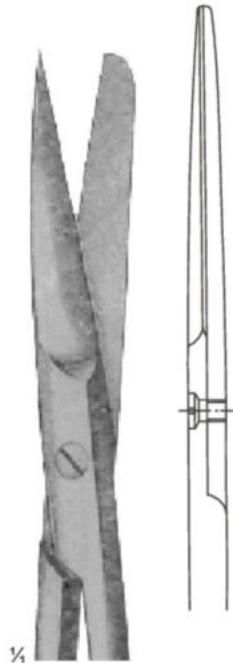
**03-200 - 203**  
 Standard Types  
**03-200** ( 115 mm )  
**03-201** ( 130 mm )  
**03-202** ( 145 mm )  
**03-203** ( 150 mm )

**03-200** Size: 115 mm  
**03-203** Size: 150 mm

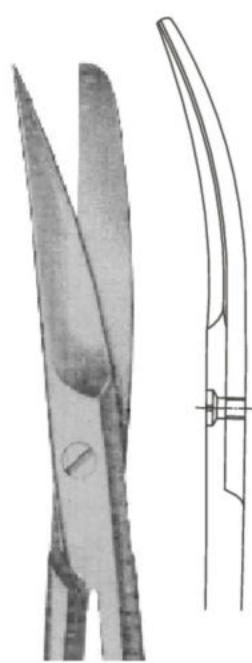
SURGICAL INSTRUMENTS



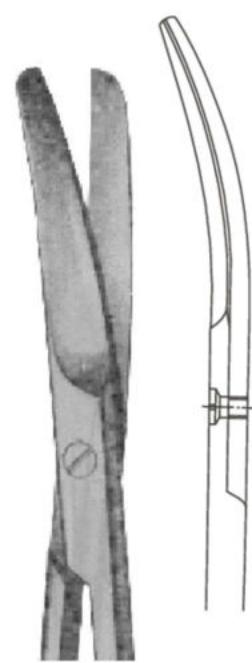
**03-204 - 206**  
DEAVER  
With flat lock



**03-204**  
Size: 145 mm



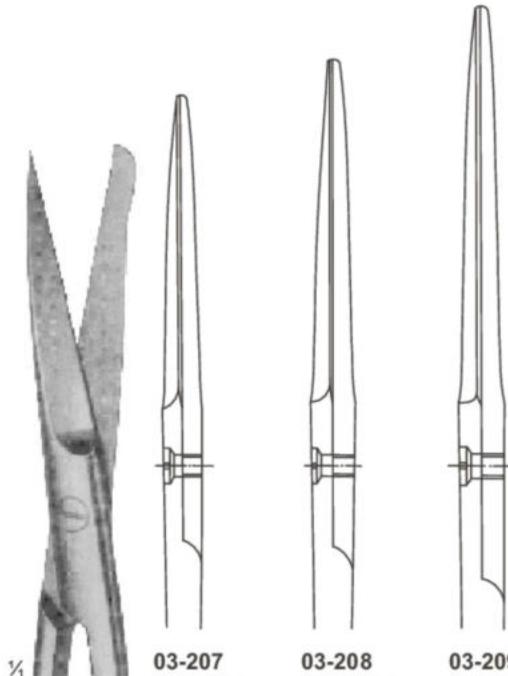
**03-205**  
Size: 145 mm



**03-206**  
Size: 145 mm



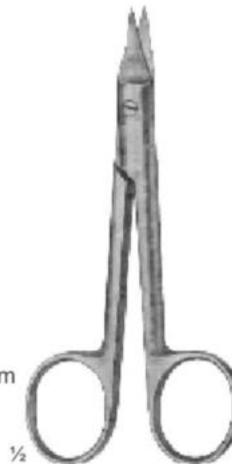
**03-207 - 209**  
Incision Scissors



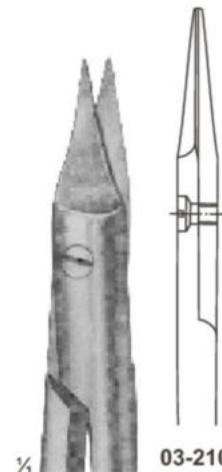
**03-207**  
Size: 130 mm

**03-208**  
Size: 145 mm

**03-209**  
Size: 165 mm

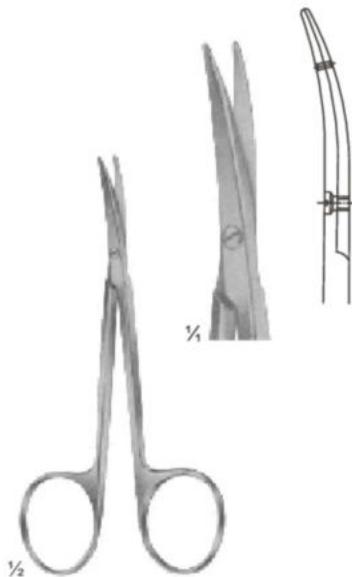


**03-210**  
SYSTRUNK  
Nail Splitting Scissors

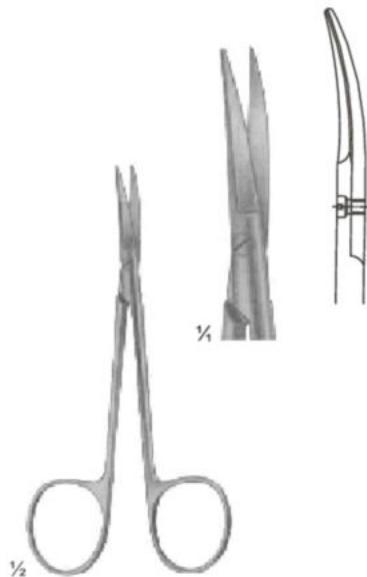


**03-210**  
Size: 130 mm

SURGICAL INSTRUMENTS



**03-211**  
LITTLER  
Dissecting Scissors  
Tips with eye for suture  
Size: 115 mm



**03-212**  
COTTLE  
Bulldog Scissors  
Size: 115 mm

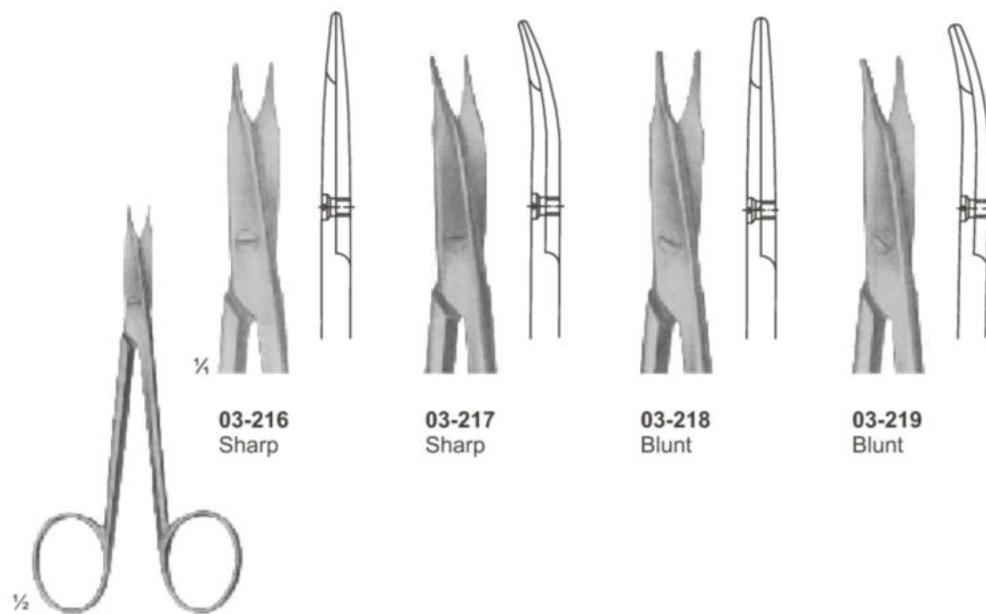


**03-213**      **03-214**  
Size: 100 mm    Size: 100 mm

**03-213 - 214**  
STEVENS  
Vessel and tendon Scissors  
Size: 100 mm



**03-215**  
STEVENS  
Fine Dissecting Scissors  
Size: 110 mm



**03-216 - 219**  
STEVENS  
Vessel and tendon Scissors  
Size: 110 mm

**03-216**  
Sharp

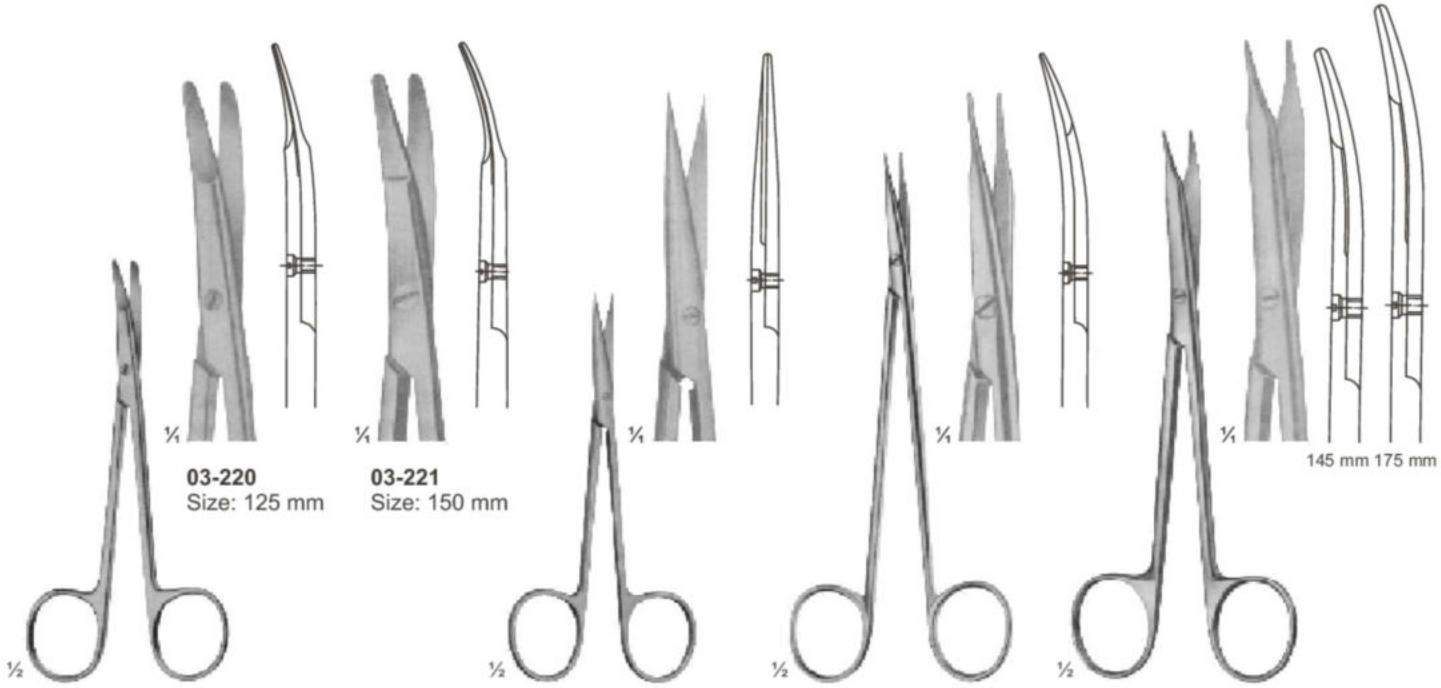
**03-217**  
Sharp

**03-218**  
Blunt

**03-219**  
Blunt



SURGICAL INSTRUMENTS



**03-220**  
Size: 125 mm

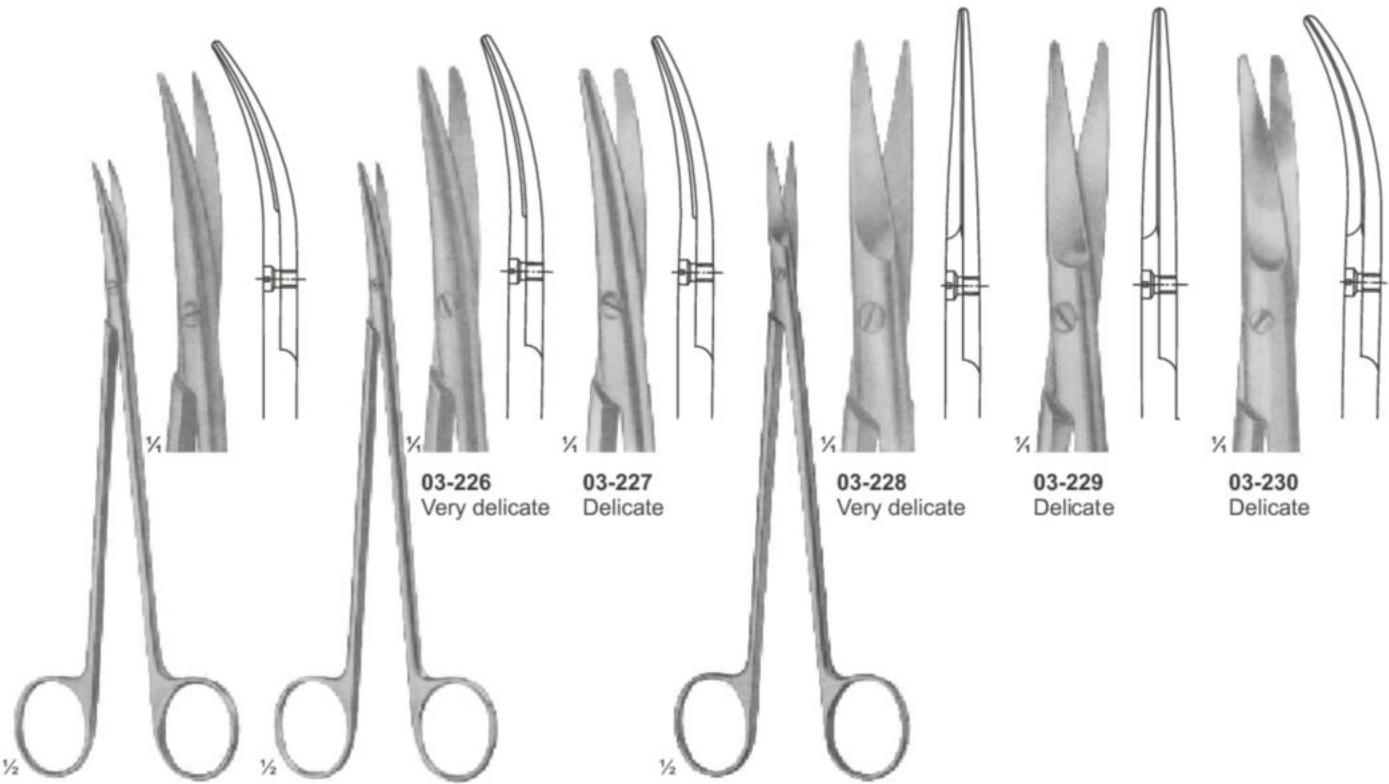
**03-221**  
Size: 150 mm

**03-222**  
KILNER  
Fine dissecting scissors  
Size: 115 mm

**03-223**  
JAMESON  
Dissecting scissors  
Size: 150 mm

**03-224**  
REYNOLDS  
Dissecting scissors  
Size: 145 - 175 mm

**03-220 - 221**  
KILNER  
Special flat points for dissecting and undermining the skin



**03-225**  
DE BAKEY  
Ateriotomy scissors  
Size: 175 mm

**03-226 - 227**  
TOENNIS ADSON  
Dissecting scissors  
Size: 175 mm

**03-228 - 230**  
TOENNIS  
Dissecting scissors  
Size: 150 mm

**03-226**  
Very delicate

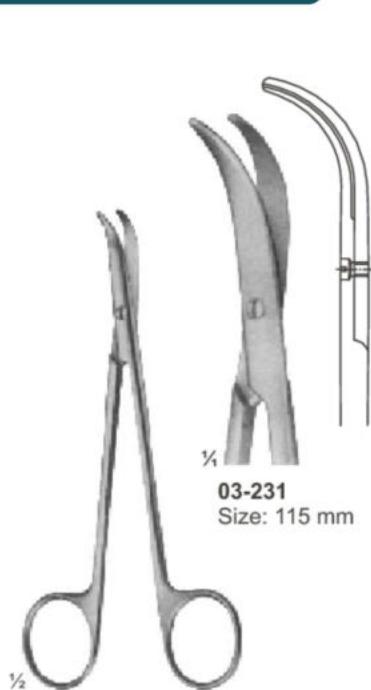
**03-227**  
Delicate

**03-228**  
Very delicate

**03-229**  
Delicate

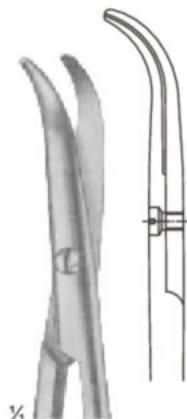
**03-230**  
Delicate

SURGICAL INSTRUMENTS

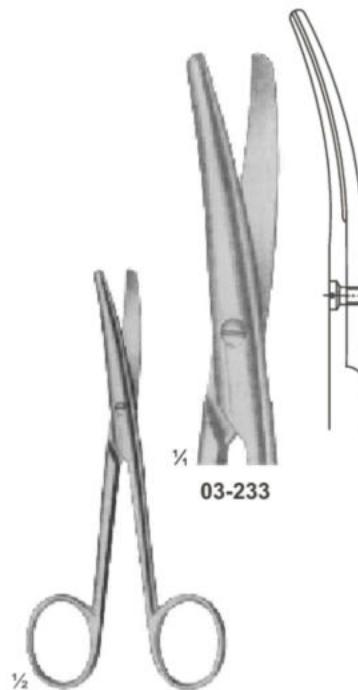


**03-231**  
Size: 115 mm

**03-231 - 232**  
FOMON  
Lower lateral scissors

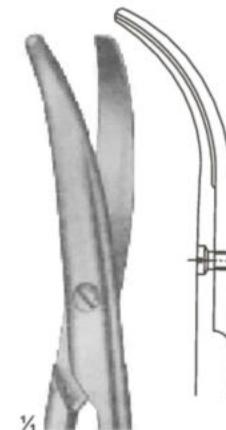


**03-232**  
Size: 135 mm

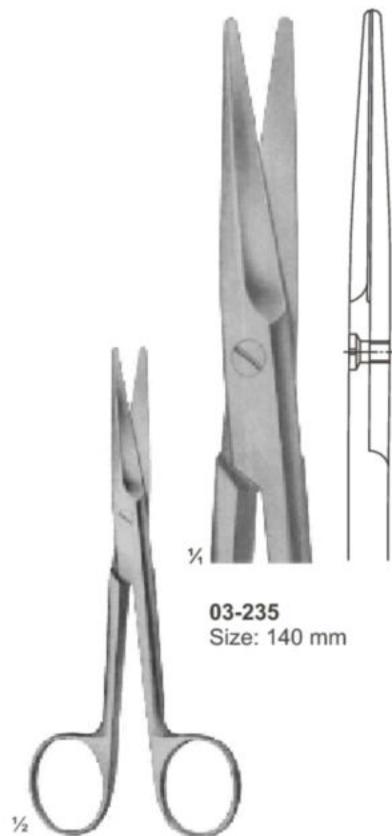


**03-233**

**03-233 - 234**  
LANDOLT  
Enucleation scissors  
Size: 120 mm

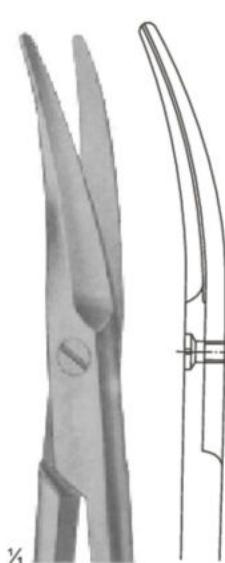


**03-234**

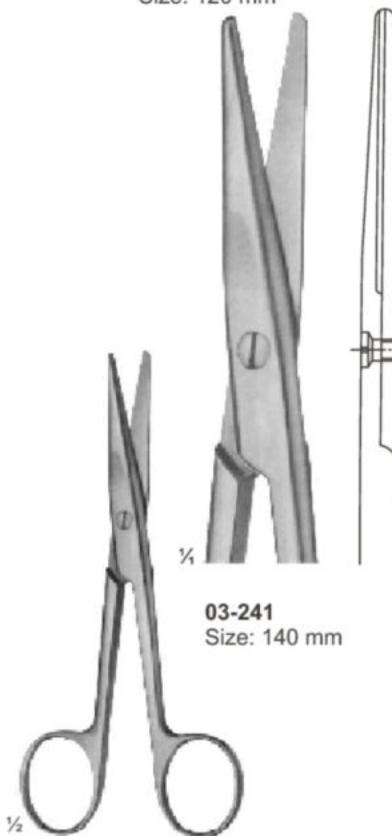


**03-235**  
Size: 140 mm

**03-235 - 237**  
MAYO  
03-235 (140 mm)  
03-236 (155 mm)  
03-237 (170 mm)

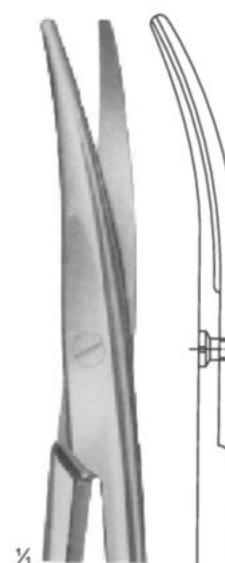


**03-238 - 240**  
MAYO  
03-238 (140 mm)  
03-239 (155 mm)  
03-240 (170 mm)



**03-241**  
Size: 140 mm

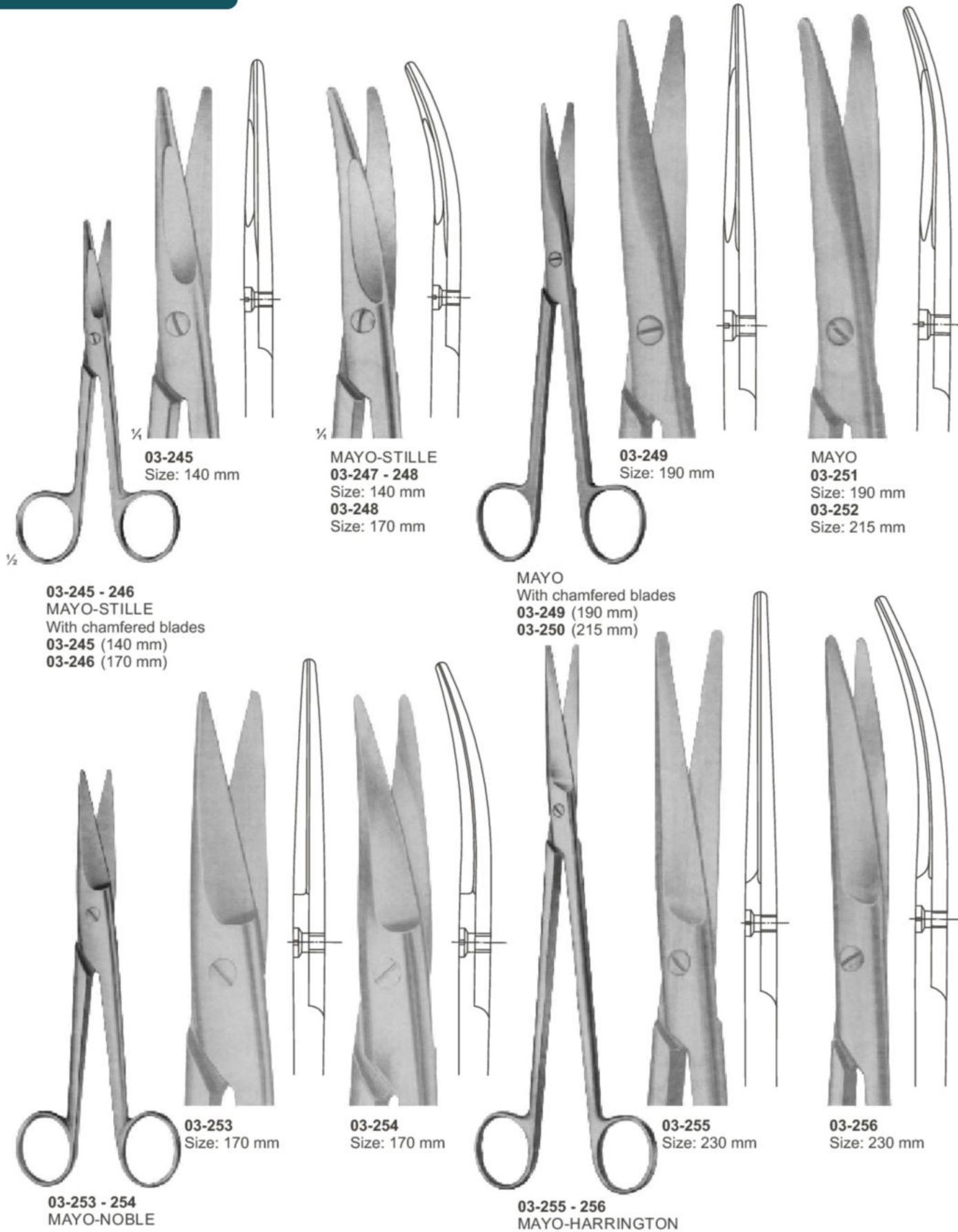
**03-241 - 242**  
MAYO-STILLE  
03-241 (140 mm)  
03-242 (170 mm)



**03-243 - 244**  
MAYO-STILLE  
03-243 (140 mm)  
03-244 (170 mm)



SURGICAL INSTRUMENTS



1/2  
 03-245  
 Size: 140 mm

1/4  
 MAYO-STILLE  
 03-247 - 248  
 Size: 140 mm  
 03-248  
 Size: 170 mm

03-249  
 Size: 190 mm

MAYO  
 03-251  
 Size: 190 mm  
 03-252  
 Size: 215 mm

03-245 - 246  
 MAYO-STILLE  
 With chamfered blades  
 03-245 (140 mm)  
 03-246 (170 mm)

MAYO  
 With chamfered blades  
 03-249 (190 mm)  
 03-250 (215 mm)

03-253  
 Size: 170 mm

03-254  
 Size: 170 mm

03-255  
 Size: 230 mm

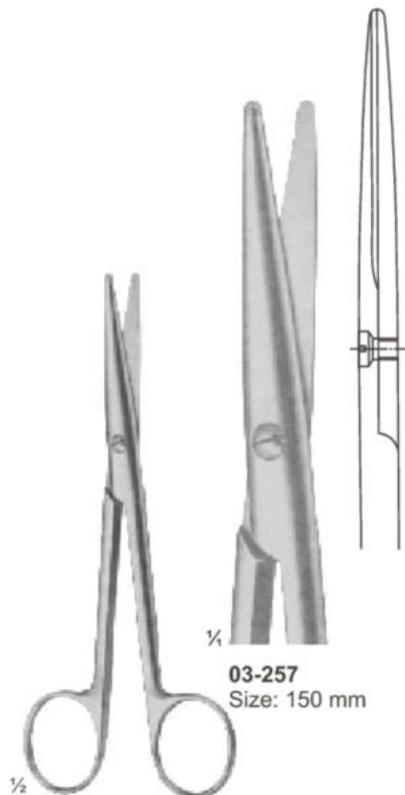
03-256  
 Size: 230 mm

03-253 - 254  
 MAYO-NOBLE

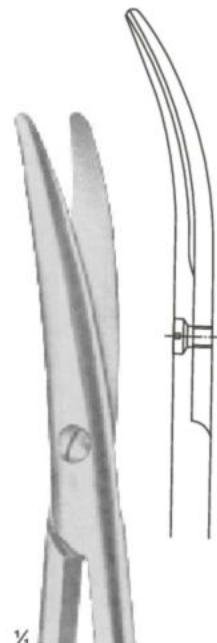
03-255 - 256  
 MAYO-HARRINGTON



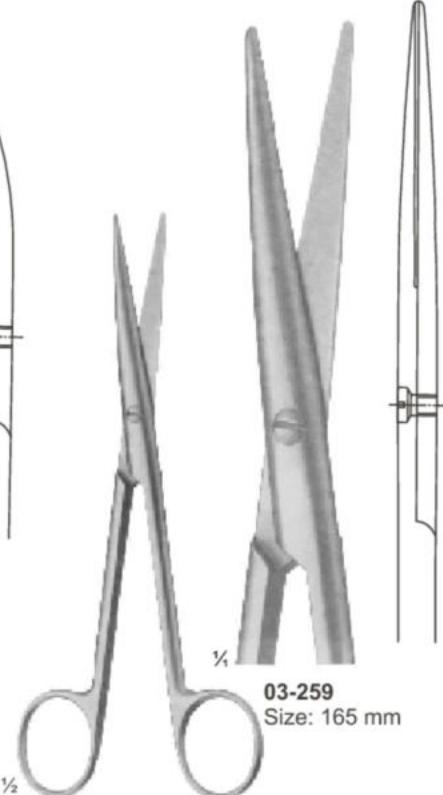
SURGICAL INSTRUMENTS



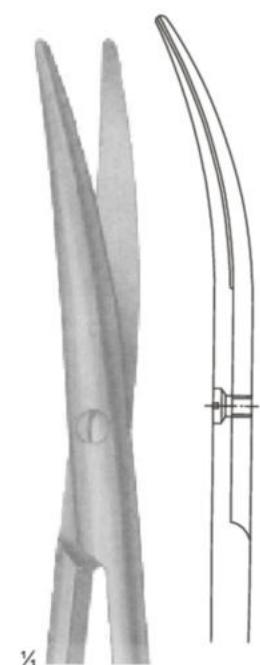
03-257  
Size: 150 mm



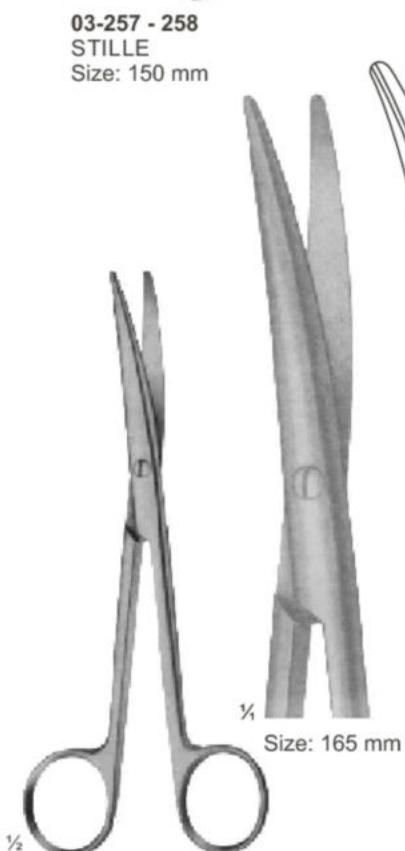
03-258  
Size: 150 mm



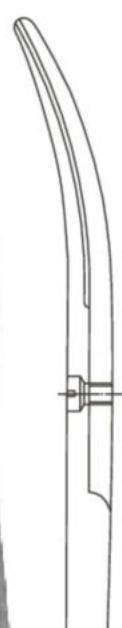
03-259  
Size: 165 mm



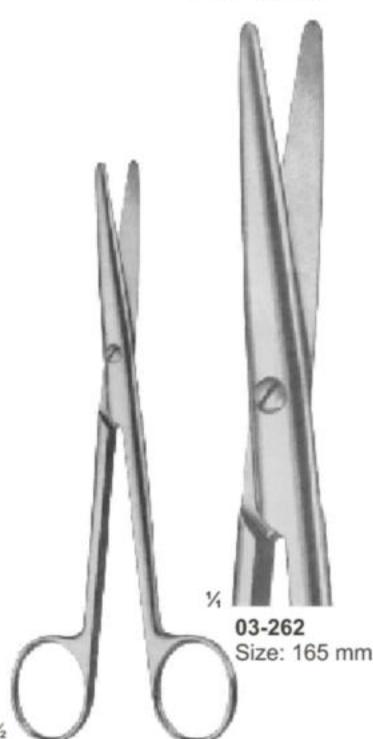
03-260  
Size: 165 mm



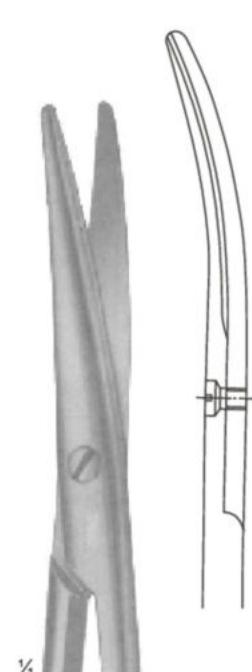
03-261 - 258  
STILLE  
Size: 150 mm



03-259 - 260  
LEXER  
Narrow  
Size: 165 mm



03-262  
Size: 165 mm



MAYO  
03-264 - 266  
Size: 165 mm



03-261  
MAYO-LEXER  
Standard



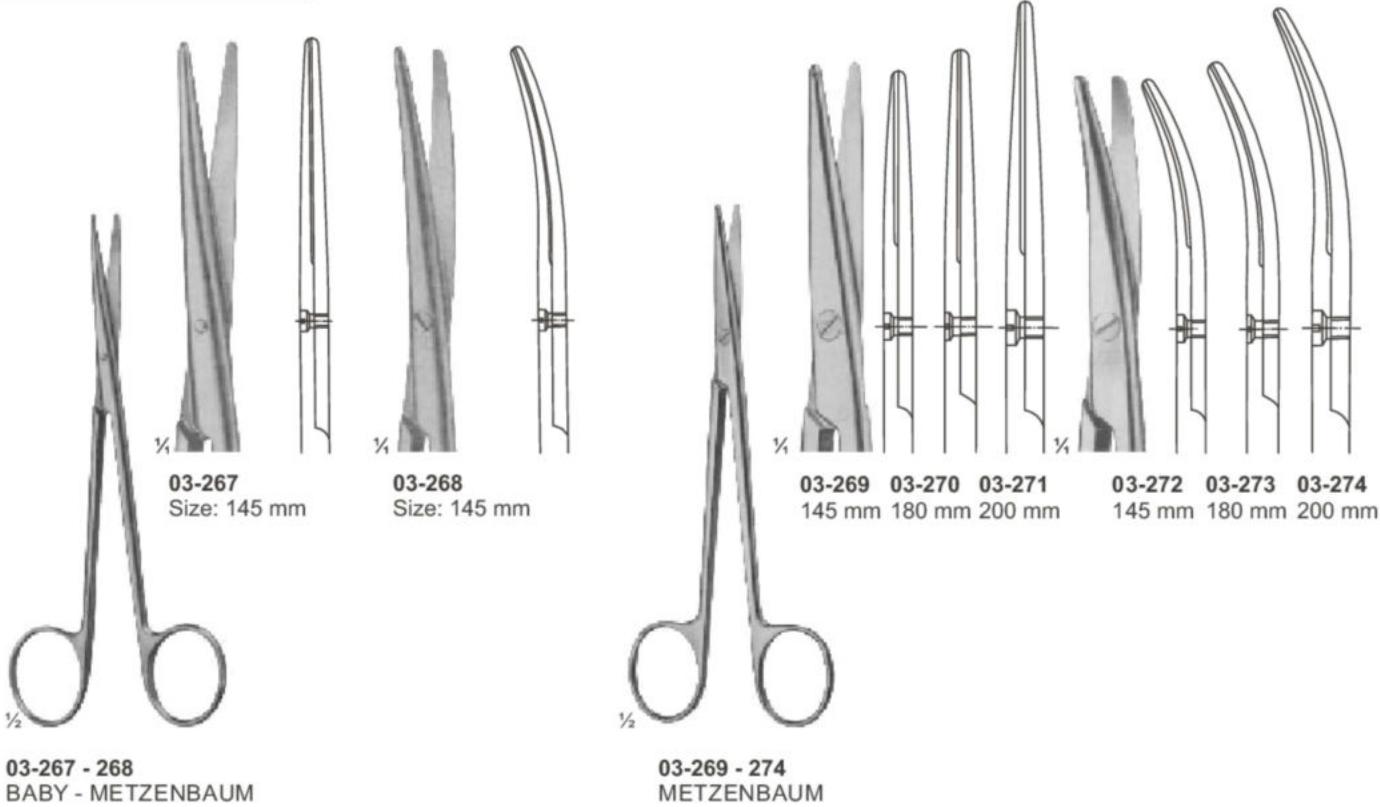
03-262 - 263  
MAYO  
03-262 (165 mm)  
03-263 (200 mm)



03-265  
Size: 200 mm  
03-266  
Size: 210 mm

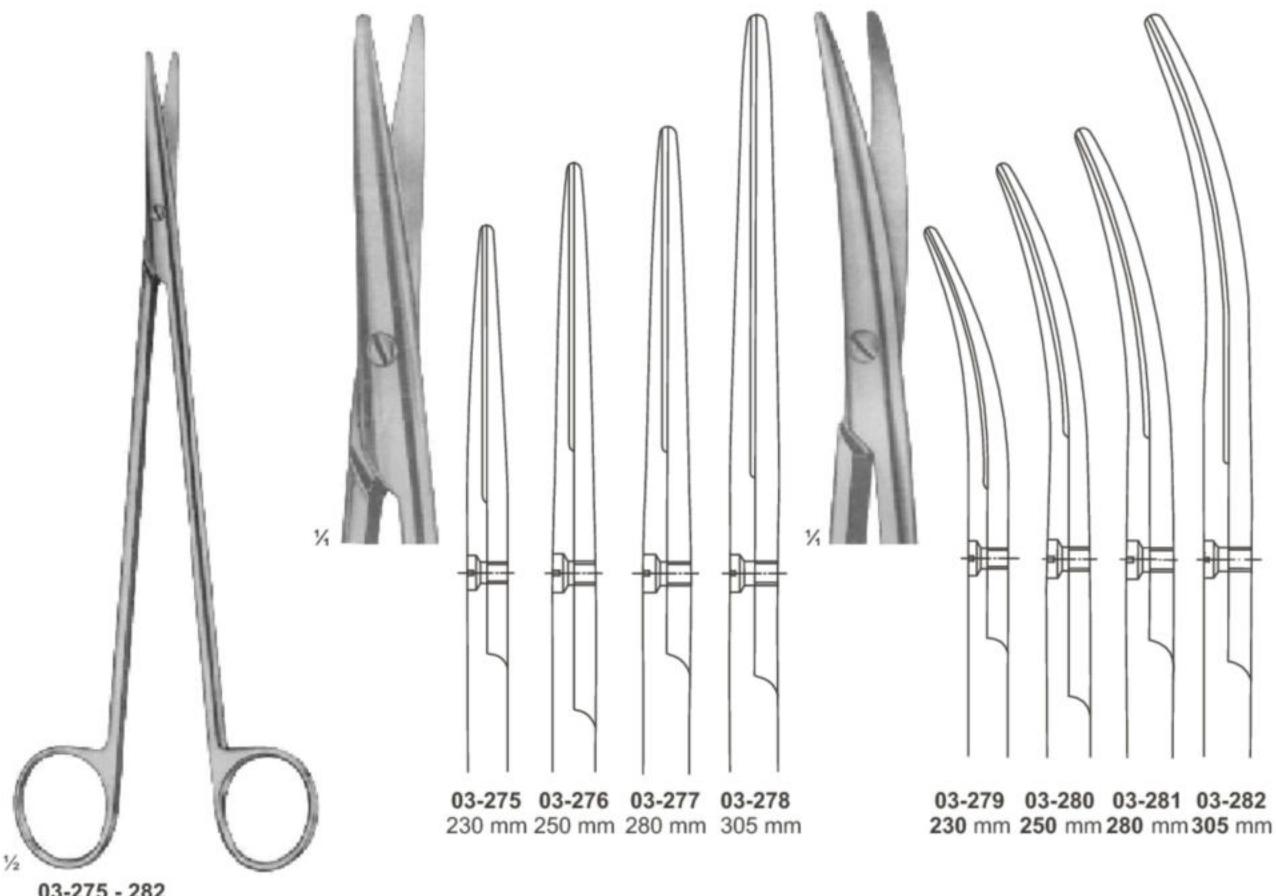


SURGICAL INSTRUMENTS



03-267 - 268  
BABY - METZENBAUM

03-269 - 274  
METZENBAUM

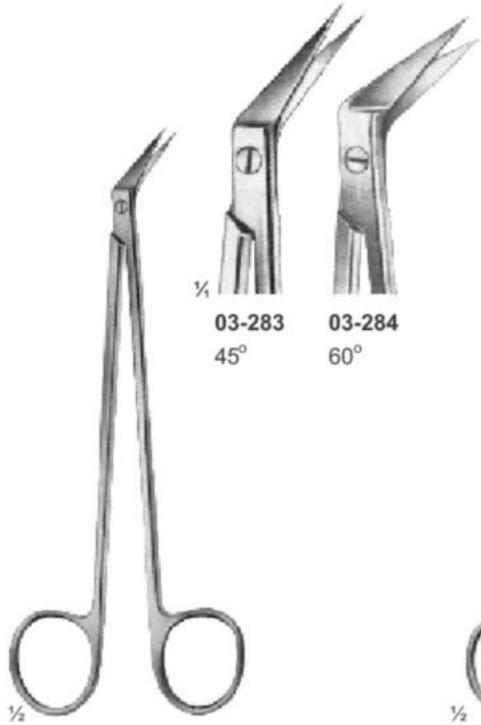


03-275 - 282

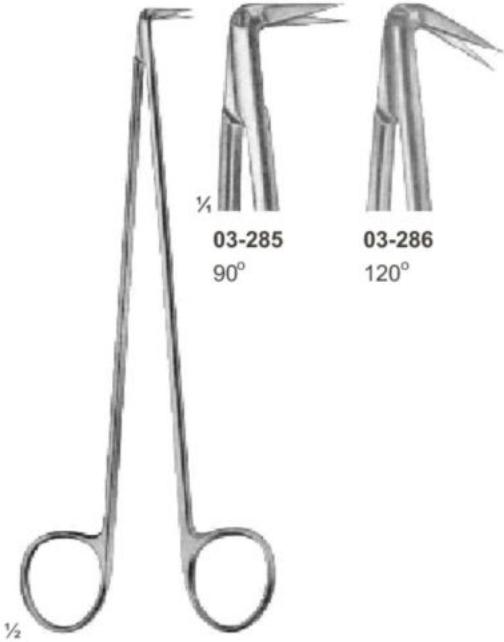
03-275 230 mm   03-276 250 mm   03-277 280 mm   03-278 305 mm

03-279 230 mm   03-280 250 mm   03-281 280 mm   03-282 305 mm

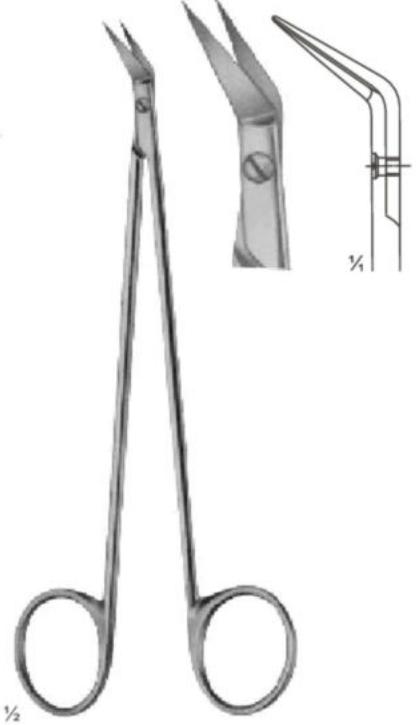
SURGICAL INSTRUMENTS



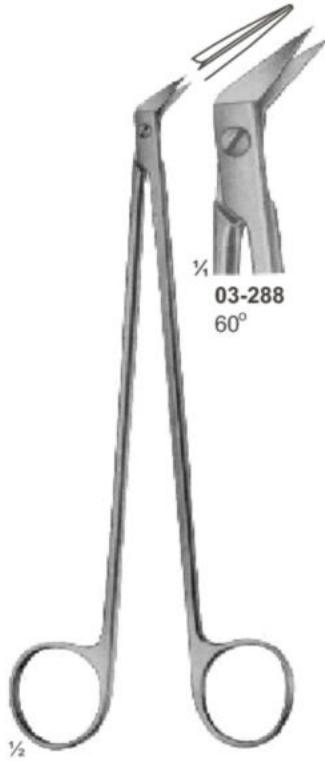
**03-283 - 284**  
DE BAKEY  
Size: 155 mm



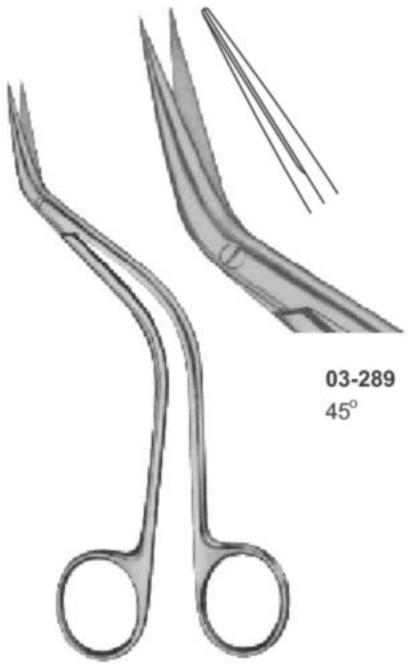
**03-285 - 286**  
DIETRICH  
Size: 170 mm



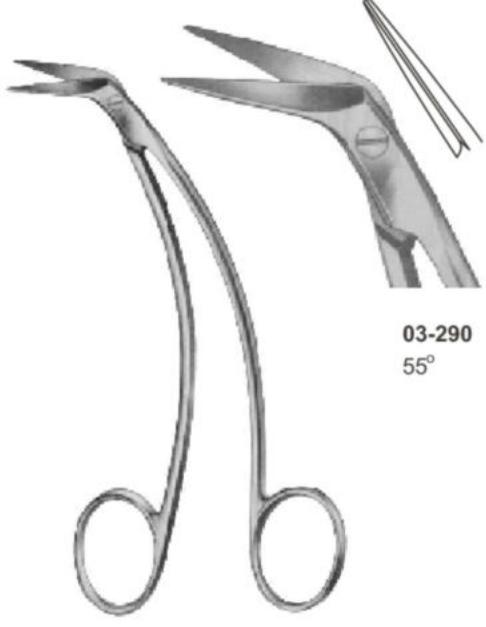
**03-287**  
POTTS-SMITH  
Size: 180 mm



**03-288**  
POTTS-SMITH  
Size: 180 mm



**03-289**  
DEBAKEY  
Size: 155 mm



**03-290**  
FAVOLORO  
Size: 140 mm

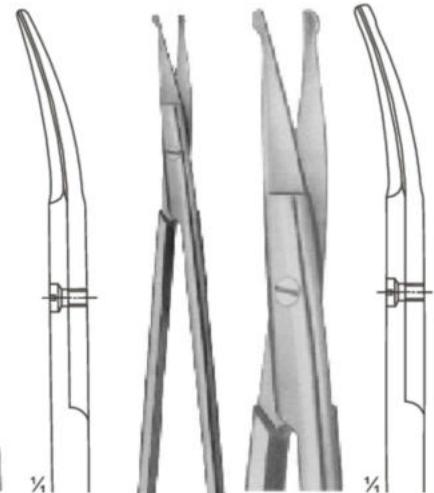
SURGICAL INSTRUMENTS



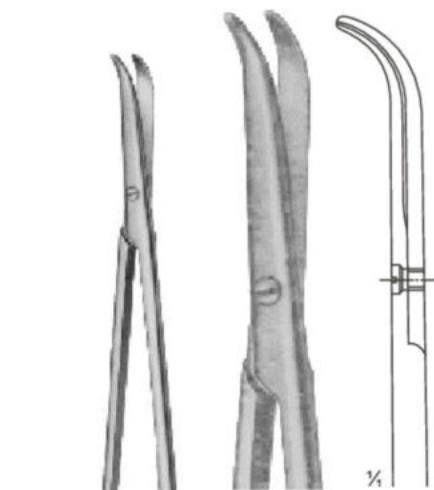
**03-291**  
OLIVECRONA  
Dura Scissors



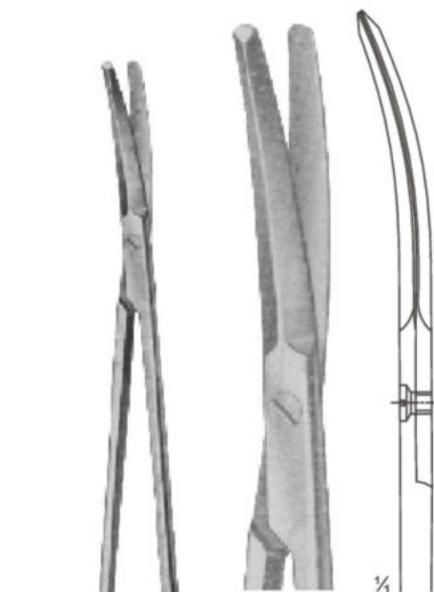
**03-292**  
STRULLY  
Pointed  
Size: 220 mm



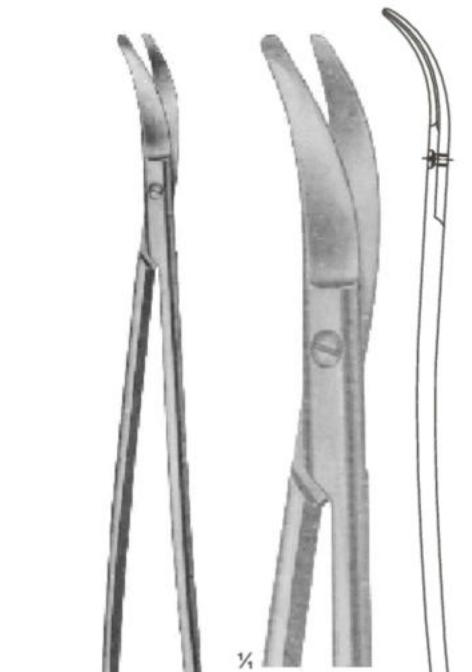
**03-293**  
STRULLY  
Probe Pointed  
Size: 220 mm



**03-294**  
THOREK



**03-295**  
POTTS-SMITH  
Size: 190 mm



**03-296**  
SATINSKY



SURGICAL INSTRUMENTS

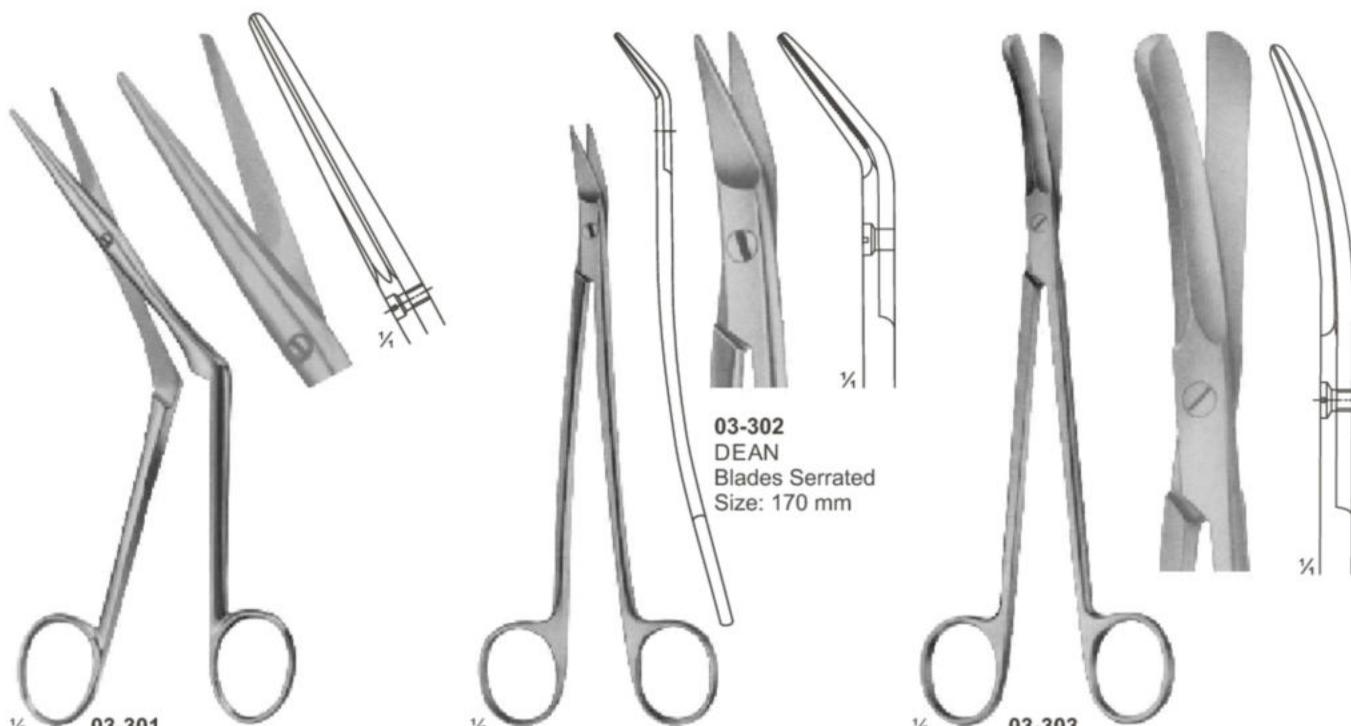


**03-297**  
1 Finlay Toothed Blade  
Size: 130 mm

**03-298**  
LOCKLIN  
Curved Sideways,  
1 Toothed Blade  
Size: 155 mm

**03-299**  
FOMON  
Blades Serrated  
Size: 145 mm

**03-300**  
COTTLE  
Size: 165 mm



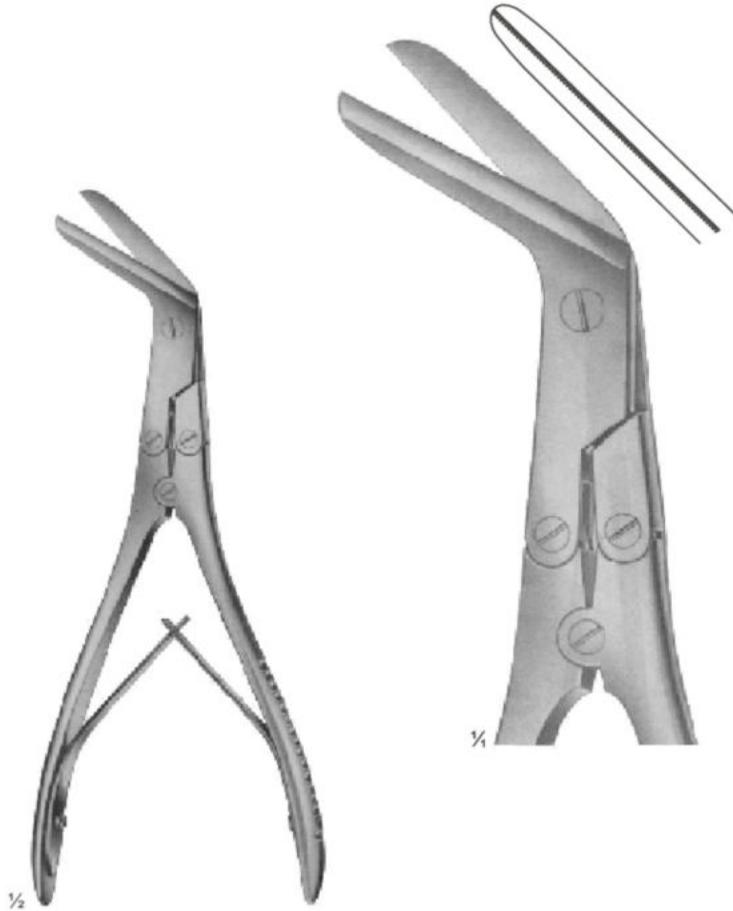
**03-301**  
HEYMANN-KNIGHT

**03-302**  
DEAN  
Blades Serrated  
Size: 170 mm

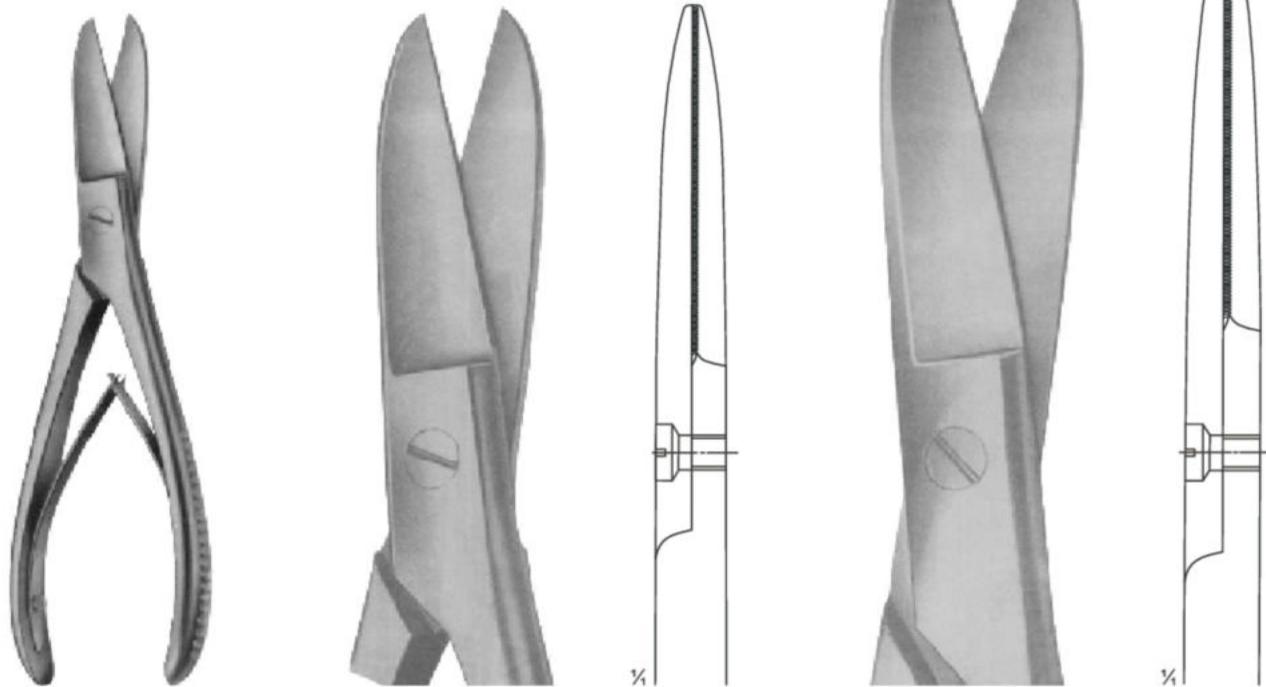
**03-303**  
GOOD



SURGICAL INSTRUMENTS



03-304  
KILLIAN  
Size: 200 mm



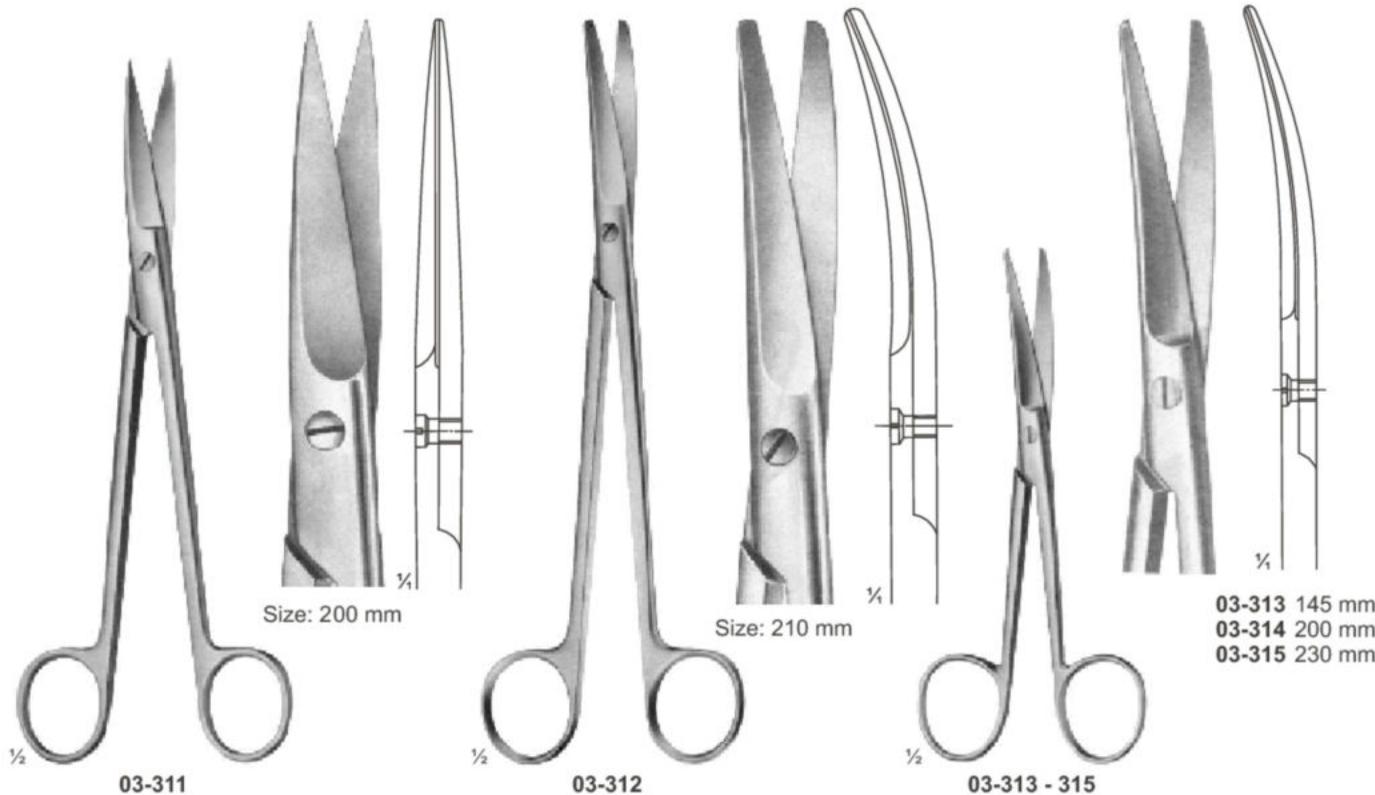
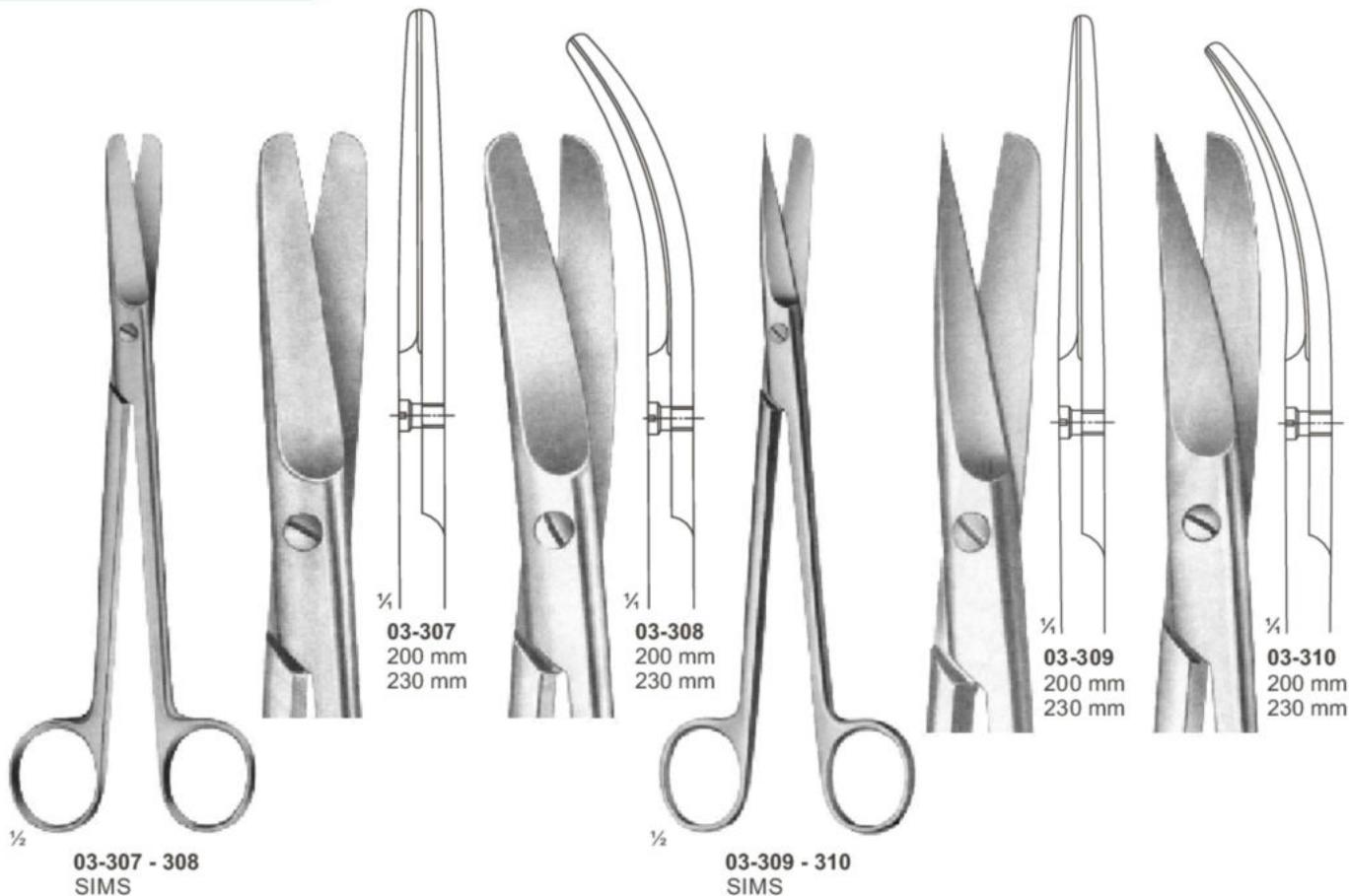
03-305 - 306

03-305

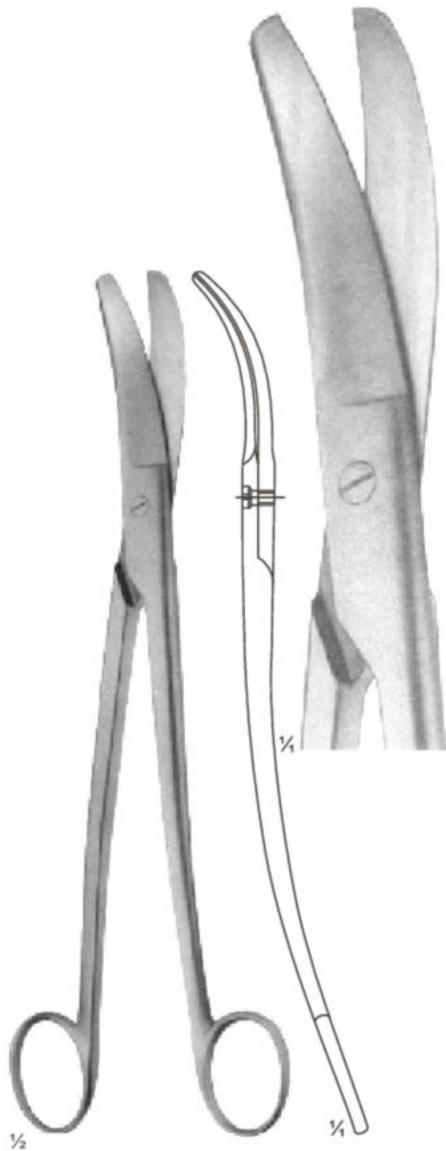
03-306



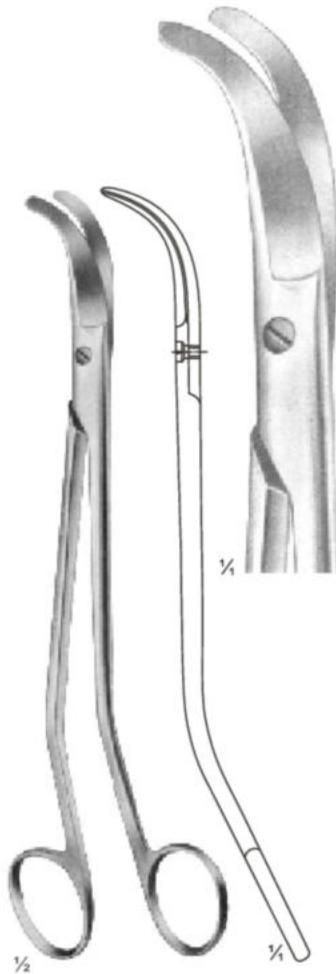
SURGICAL INSTRUMENTS



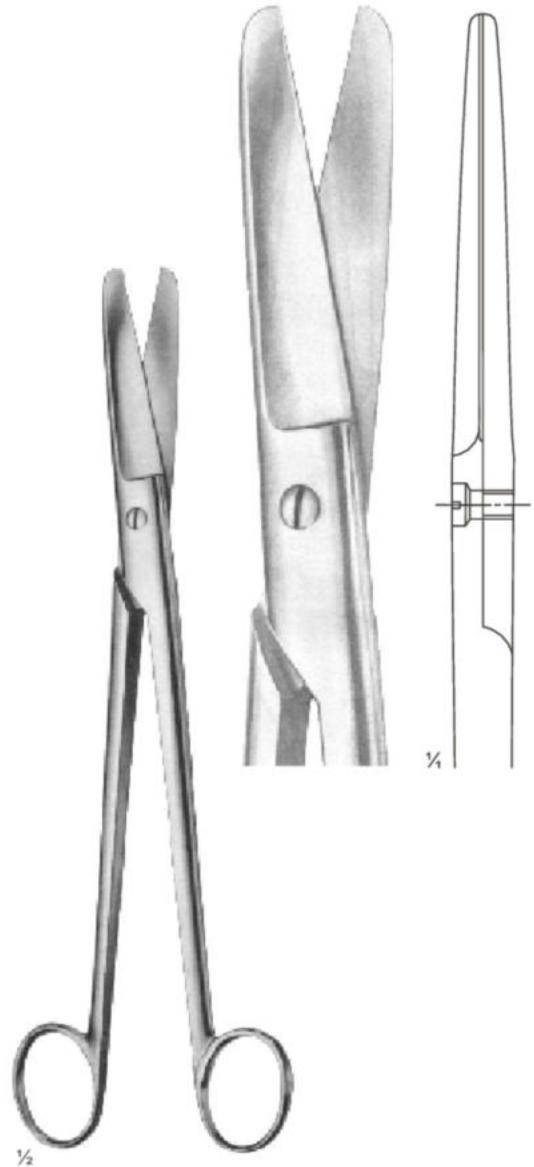
SURGICAL INSTRUMENTS



**03-316**  
SIEBOLD  
Uterine Scissors  
Size: 245 mm



**03-317**  
BOZEMANN  
Uterine Scissors  
Size: 220 mm



**03-318**  
SIMS-SIEBOLD  
Uterine Scissors  
Size: 250 mm

SURGICAL INSTRUMENTS



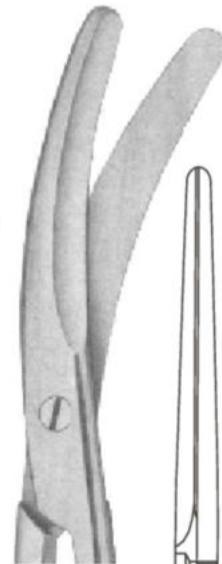
**03-319**  
SCHUMACHER  
Umbilical Cord Scissors  
Size: 155 mm



**03-320**  
Umbilical Cord Scissors  
Size: 105 mm



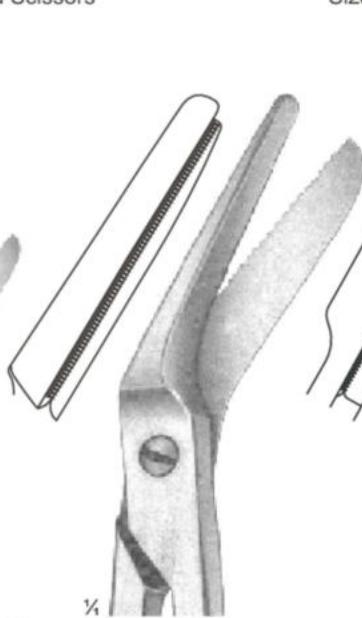
**03-321**  
Umbilical Cord Scissors



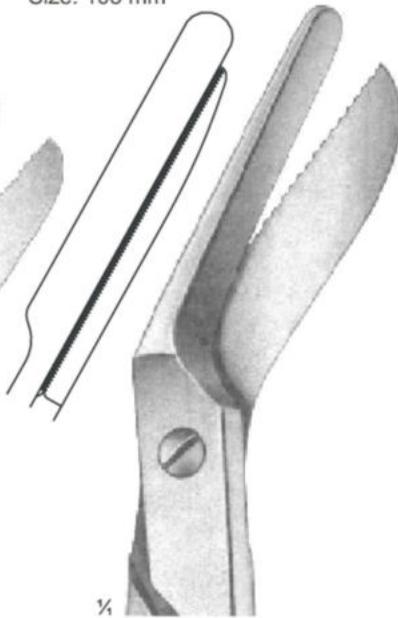
$\frac{1}{2}$   
135 mm



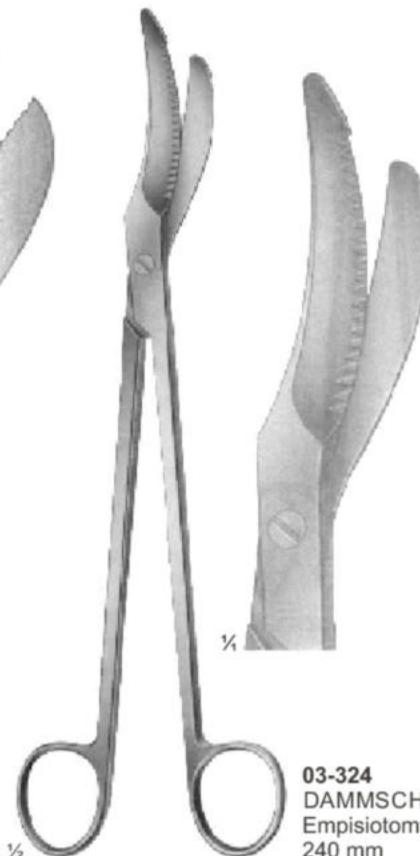
**03-322 - 323**  
BRAUN-STADLER  
Empisiotomy Scissors



**03-322**  
145 mm



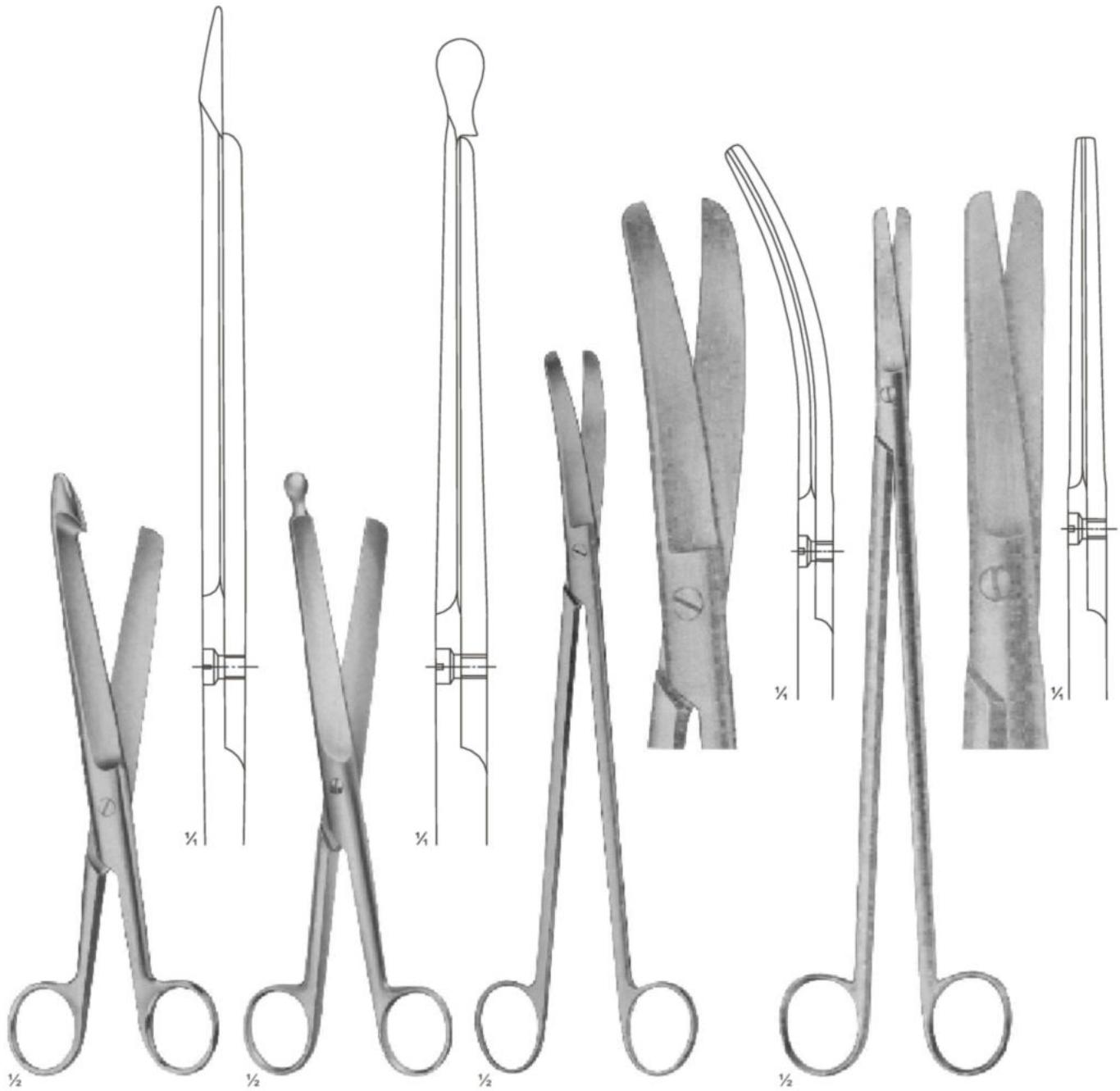
**03-323**  
200 mm



**03-324**  
DAMMSCHERE  
Empisiotomy Scissors  
240 mm



SURGICAL INSTRUMENTS



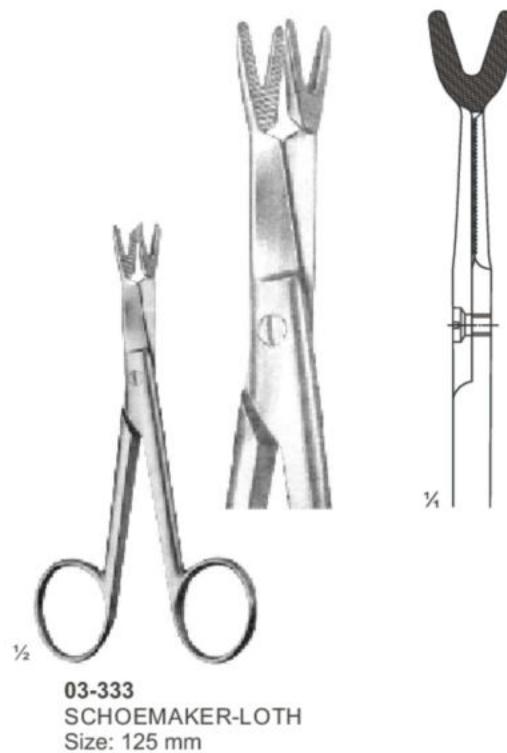
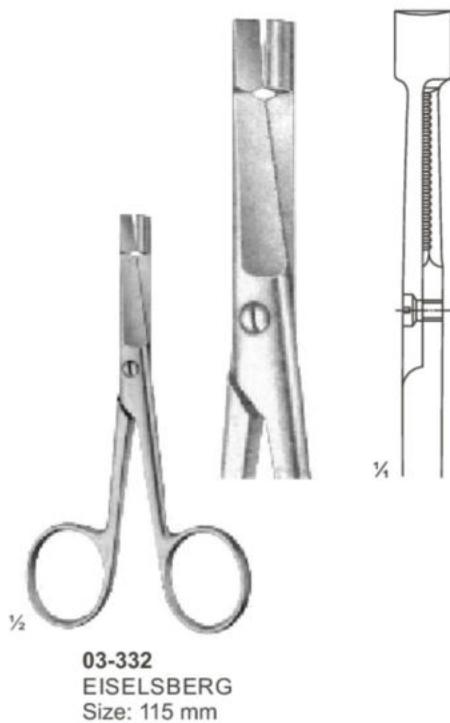
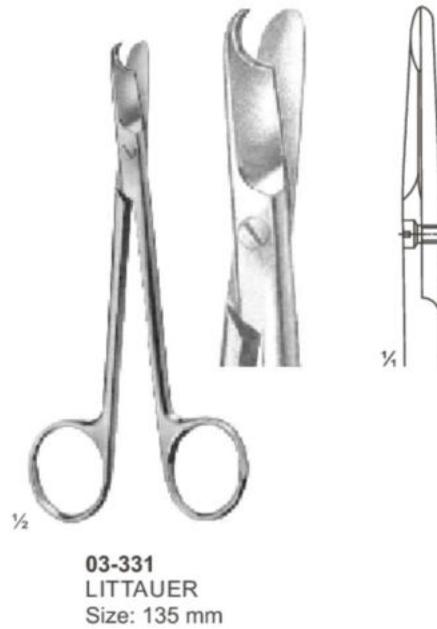
**03-325**  
DAMMSCHERE  
Bowel Scissors  
Size: 210 mm

**03-326**  
DAMMSCHERE  
Bowel Scissors  
Size: 210 mm

**03-327**  
LLOYD-DAVIES  
(GOLIGHER'S)  
Rectal Scissors  
Size: 255 mm

**03-328**  
STELZNER  
Rectal Scissors  
Size: 310 mm

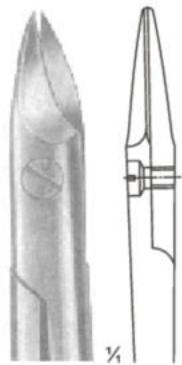
SURGICAL INSTRUMENTS



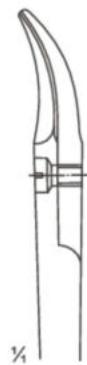
SURGICAL INSTRUMENTS



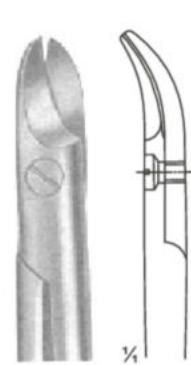
**03-334 - 338**  
BEEBE  
Size: 110 mm



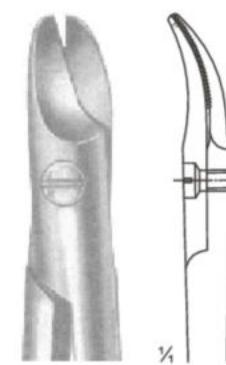
**03-334**



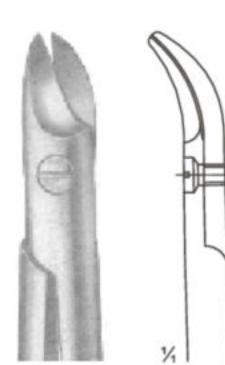
**03-335**



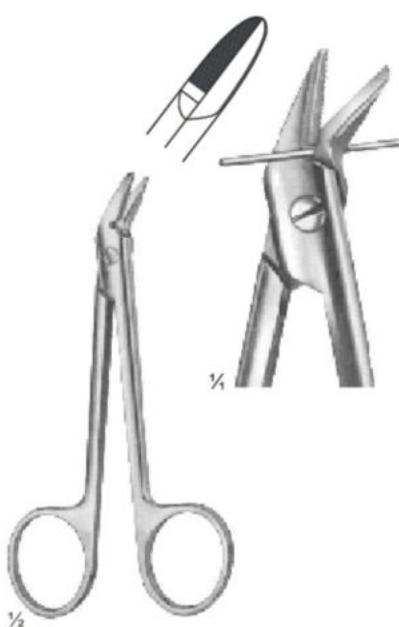
**03-336**  
Broad Blades



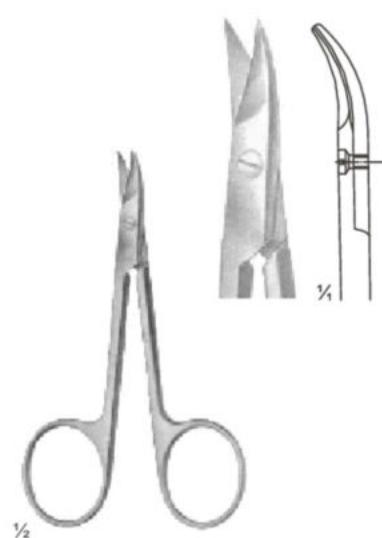
**03-337**  
1 Blade Serrated



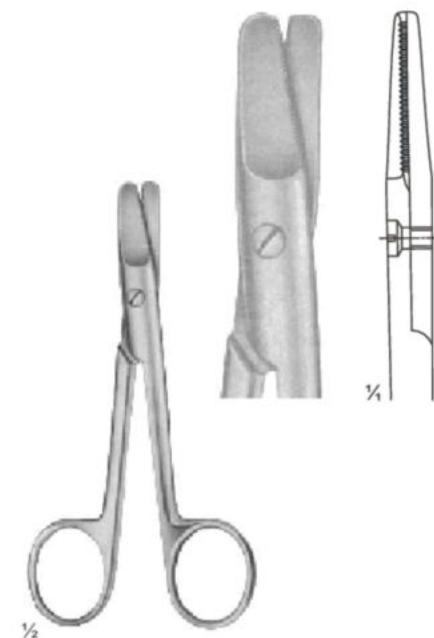
**03-338**  
NAUJOKS  
Strongly Curved



**03-339**  
1 Blade Serrated  
Size: 120 mm



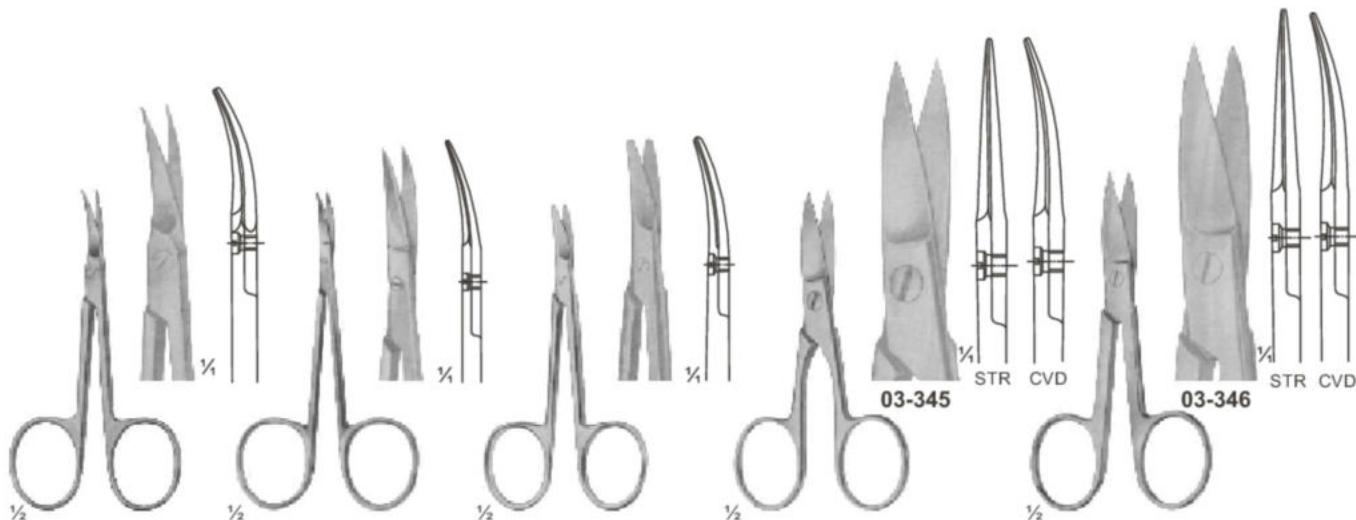
**03-340**  
STRACK  
Size: 100 mm



**03-341**  
HARVEY  
Size: 125 mm



SURGICAL INSTRUMENTS



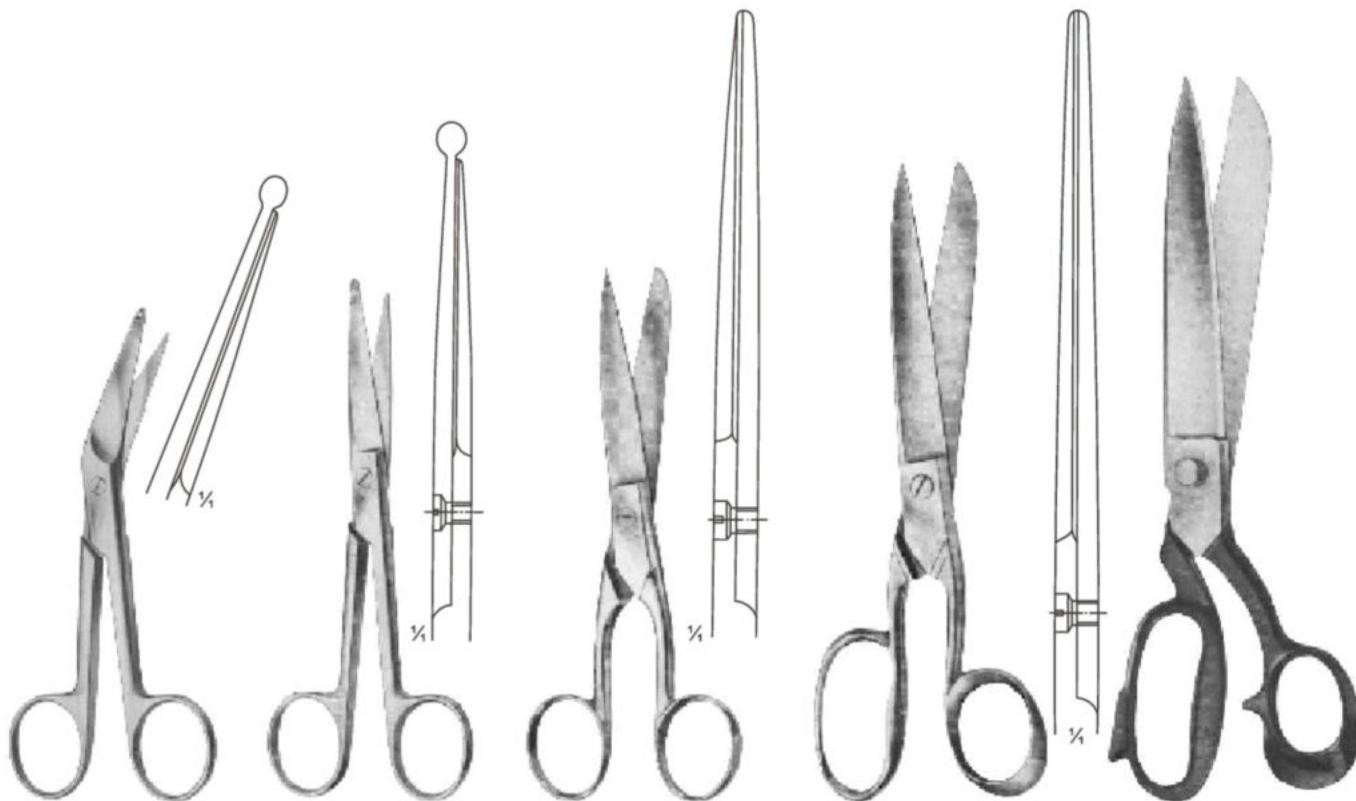
**03-342**  
NAIL SCISSORS  
Size: 90 mm

**03-343**  
NAIL SCISSORS  
Size: 90 mm

**03-344**  
BABY NAIL SCISSORS  
Size: 85 mm

**03-345**  
NAIL SCISSORS  
Size: 90 mm

**03-346**  
NAIL SCISSORS  
Size: 90 mm



**03-347**  
KNOWLES  
Size: 140 mm

**03-348**  
KNOWLES  
Size: 145 mm

**03-349**  
Size: 150 mm

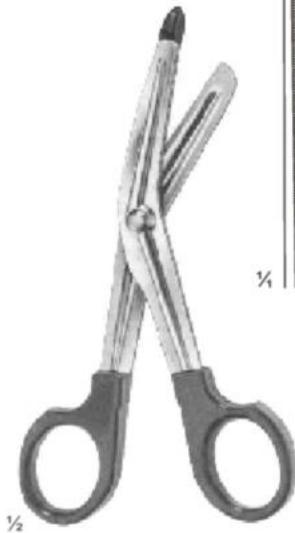
**03-350**  
SMITH  
Size: 180 mm

**03-351**  
Size: 310 mm

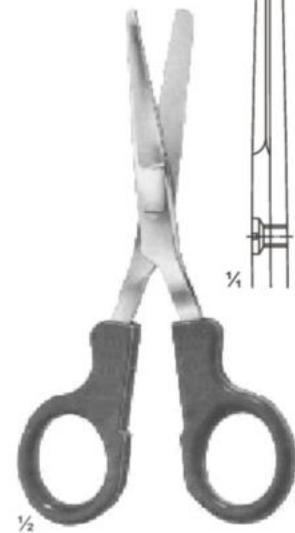
SURGICAL INSTRUMENTS



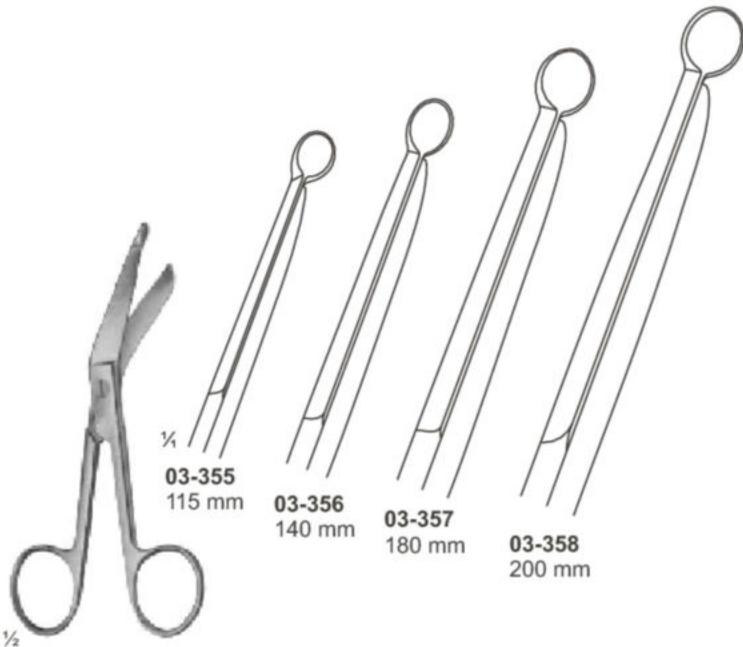
**03-352**  
UNIVERSAL AND BANDAGE SCISSORS  
180 mm



**03-353**  
LISTER  
Size: 145 mm



**03-354**  
LISTER  
Size: 145 mm



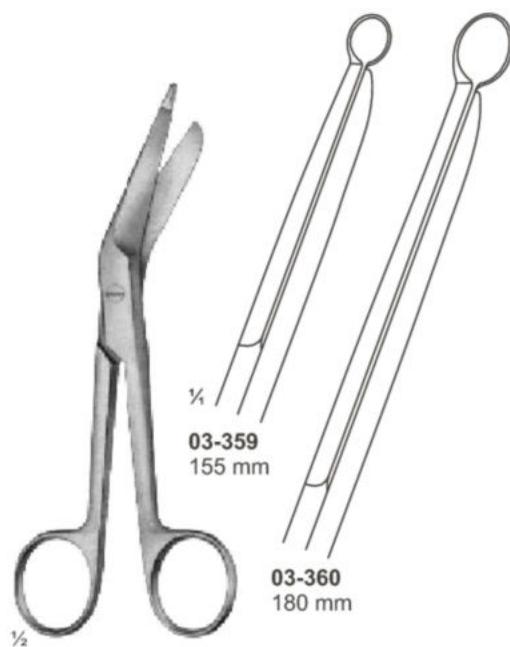
**03-355 - 358**  
LISTER

**03-355**  
115 mm

**03-356**  
140 mm

**03-357**  
180 mm

**03-358**  
200 mm



**03-359 - 360**  
LISTER

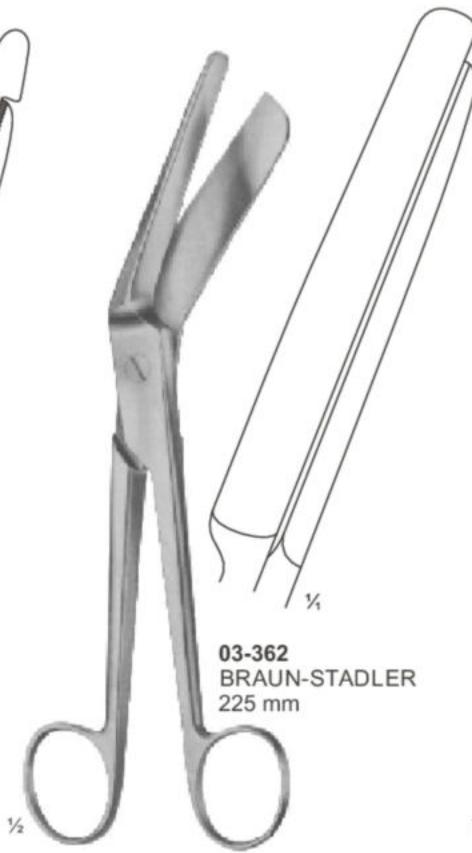
**03-359**  
155 mm

**03-360**  
180 mm

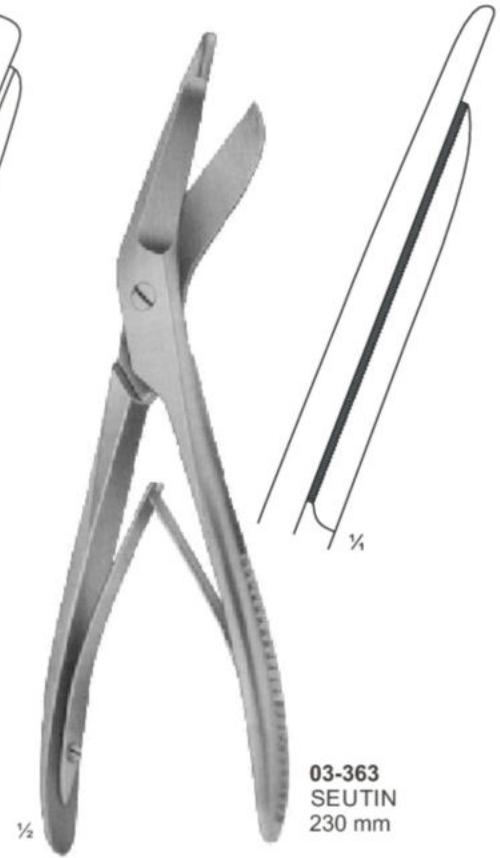
SURGICAL INSTRUMENTS



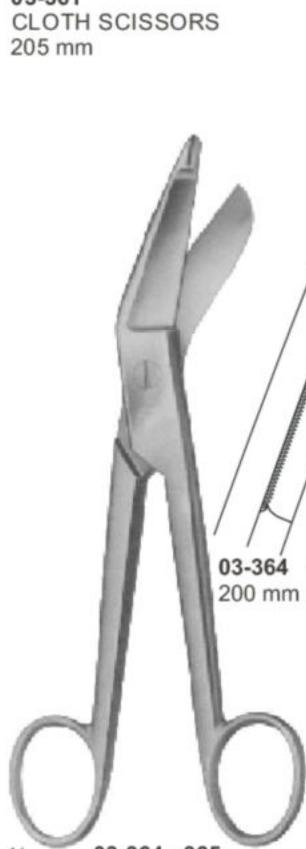
**03-361**  
CLOTH SCISSORS  
205 mm



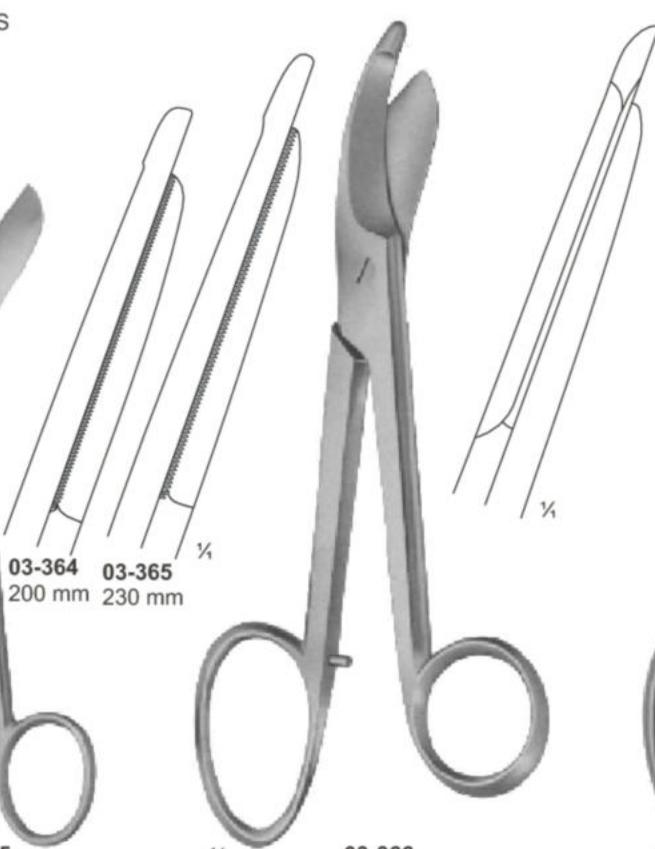
**03-362**  
BRAUN-STADLER  
225 mm



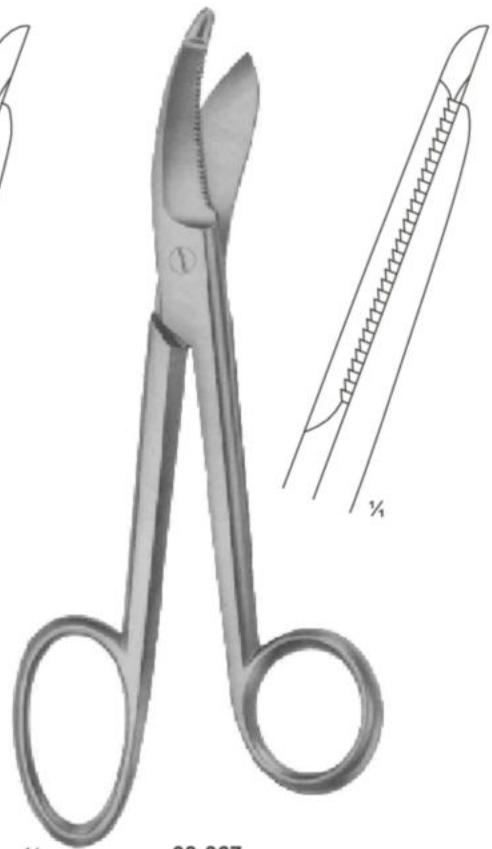
**03-363**  
SEUTIN  
230 mm



**03-364 - 365**  
ESMARCH

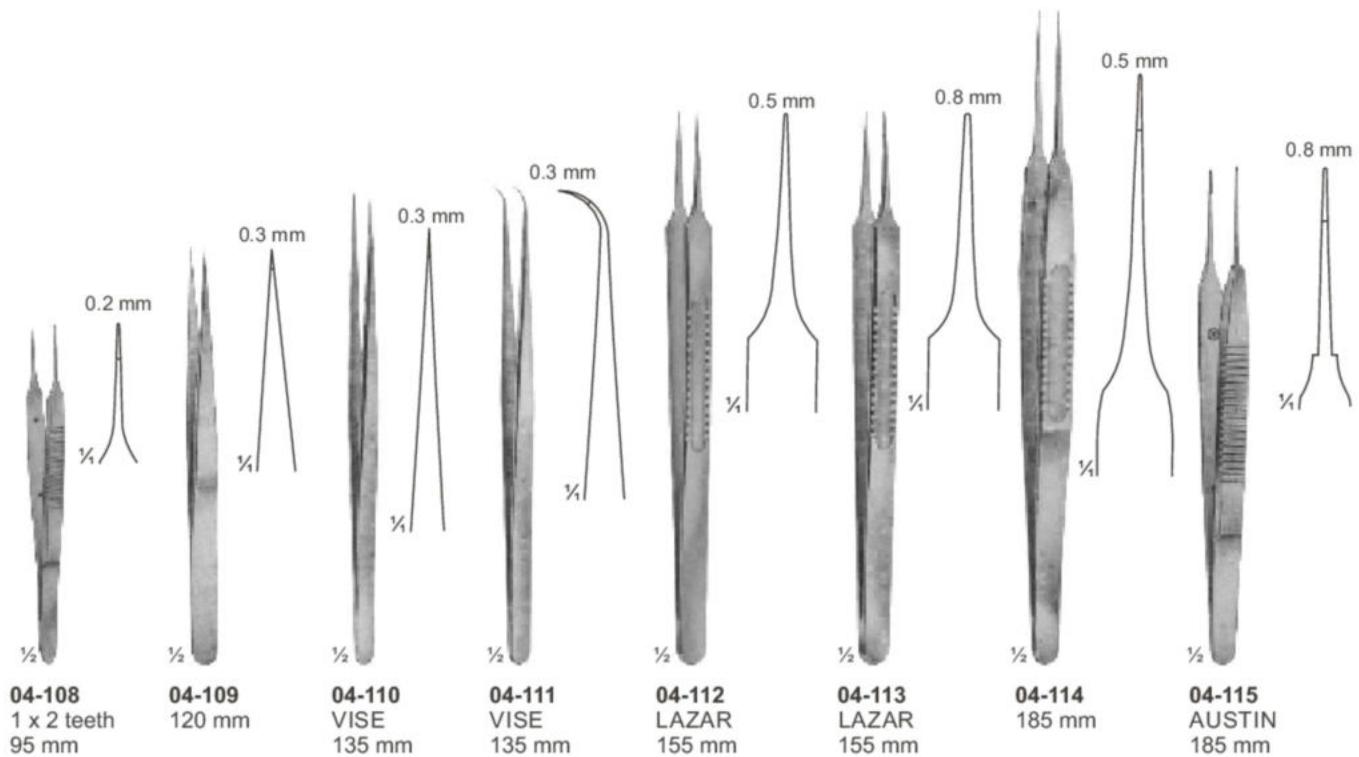
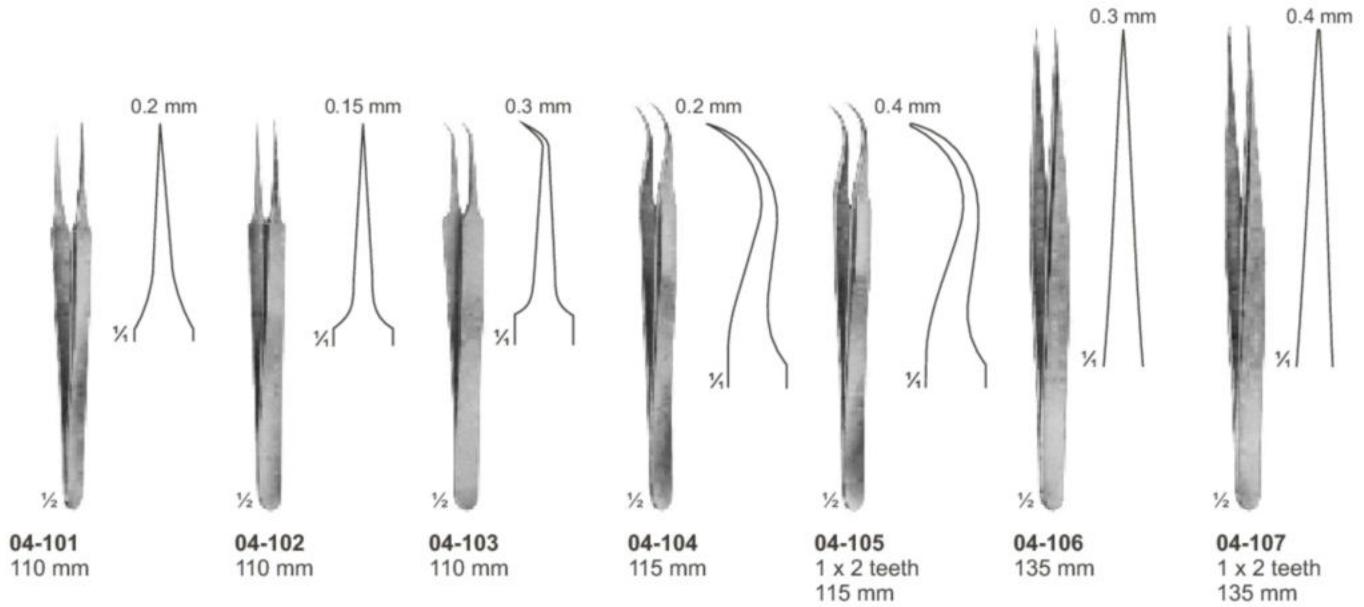


**03-366**  
BRUNS

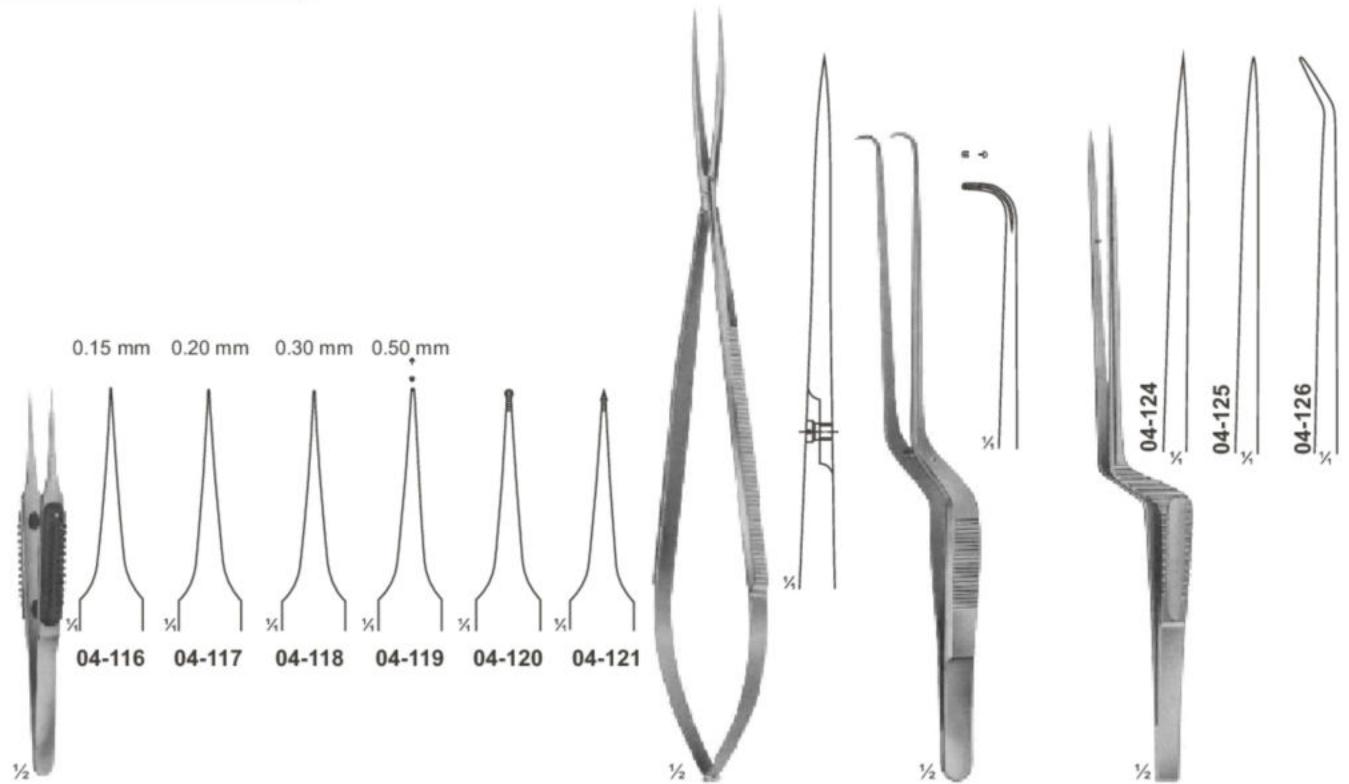


**03-367**  
BRUNS

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS

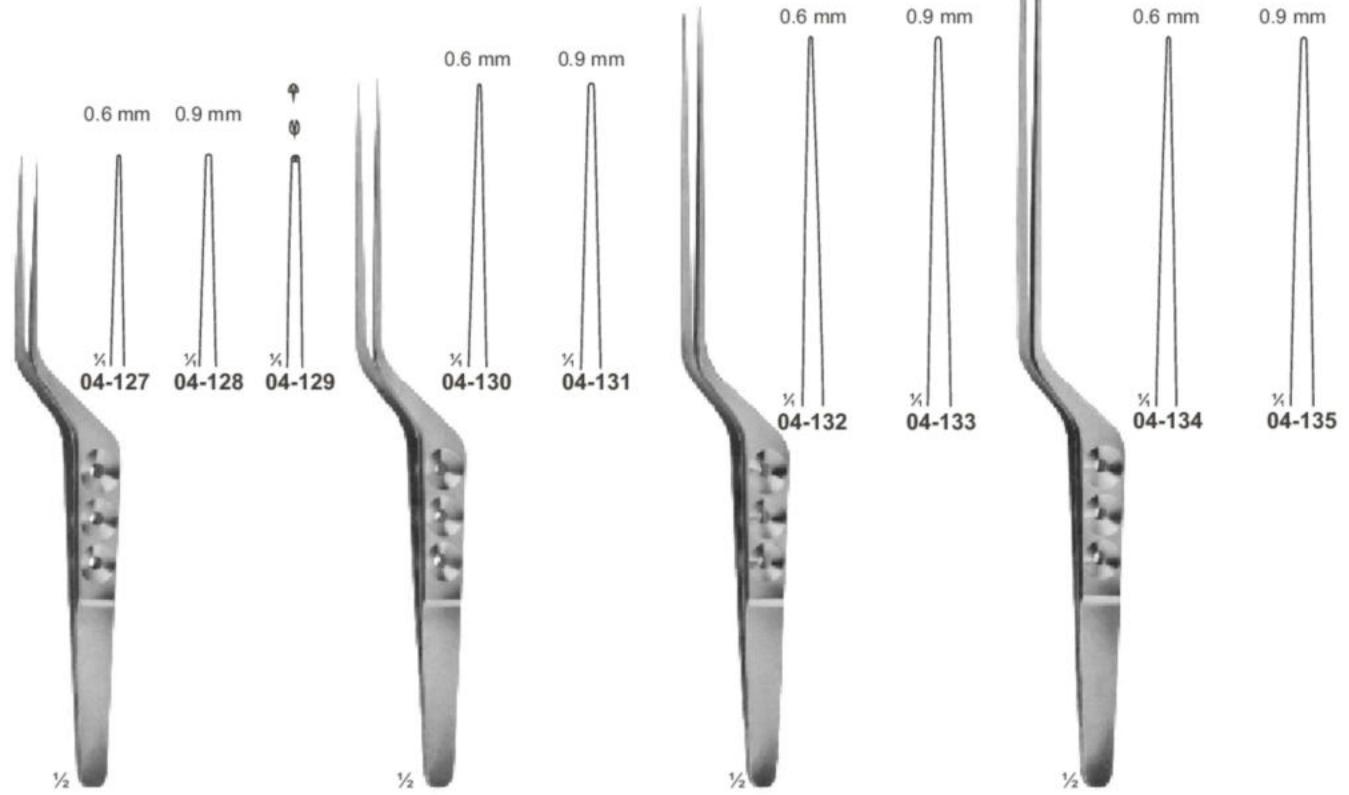


**04-116 - 121**  
MULLER  
110 mm

**04-122**  
LIGATURE FORCEPS  
220 mm

**04-123**  
YASARGIL  
185 mm

**04-124 - 126**  
MICRO FORCEPS  
185 mm



**04-127 - 129**  
YASARGIL  
180 mm

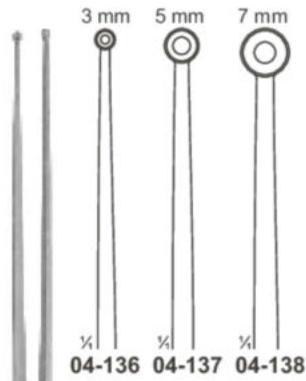
**04-130 - 131**  
YASARGIL  
200 mm

**04-132 - 133**  
YASARGIL  
220 mm

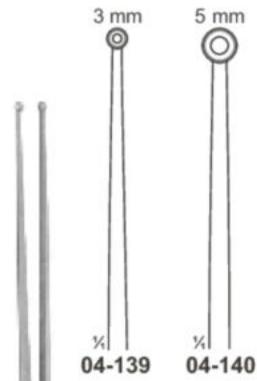
**04-134 - 135**  
YASARGIL  
240 mm



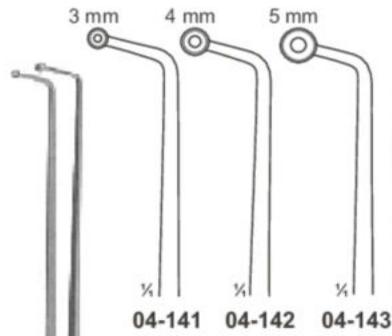
SURGICAL INSTRUMENTS



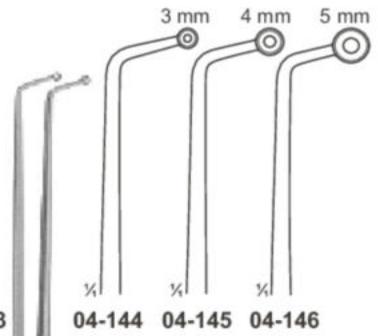
04-136 - 138  
 YASARGIL-SAMII  
 Jaws Spoon-Shaped  
 240 mm



04-139 - 140  
 YASARGIL  
 Jaws Spoon-Shaped  
 220 mm



04-141 - 143  
 SAMII  
 Jaws Spoon-Shaped  
 230 mm



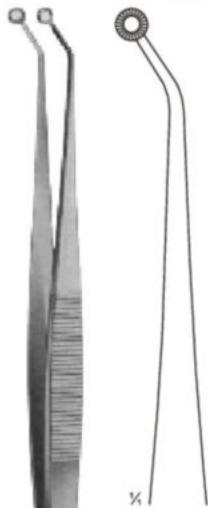
04-144 - 146  
 SAMII  
 Jaws Spoon-Shaped  
 230 mm

½

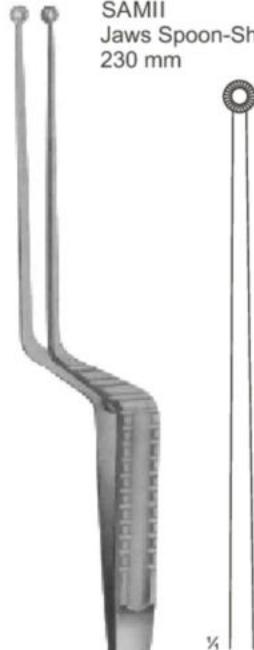
½

½

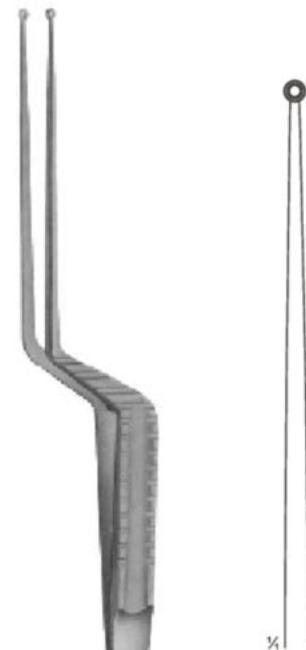
½



04-147  
 HUNT  
 Tumor-and Vessel Forceps  
 200 mm

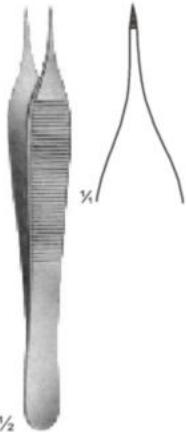


04-148  
 HUNT  
 Tumor-and Vessel Forceps  
 200 mm

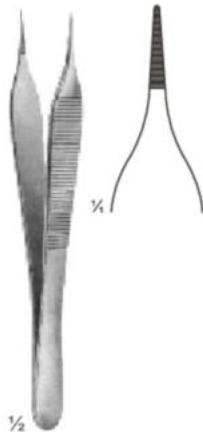


04-149  
 YASARGIL  
 Tumor-and Vessel Forceps  
 200 mm

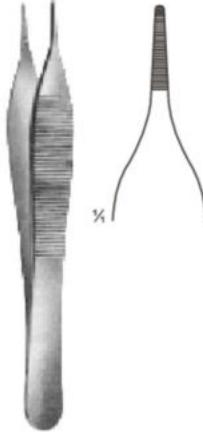
SURGICAL INSTRUMENTS



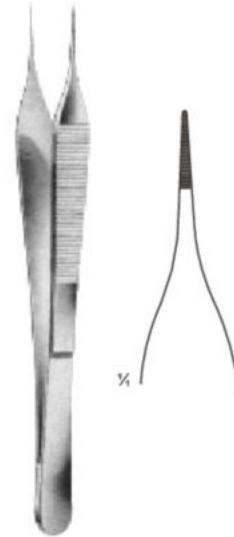
½  
**04-150**  
THORPE  
Corneal Forceps  
120 mm



½  
**04-151**  
MICRO-ADSON  
120 mm



½  
**04-152**  
ADSON  
120 mm



½  
**04-153**  
MICRO-ADSON  
150 mm



½  
**04-154 - 156**  
100 mm



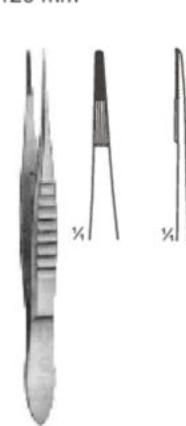
½  
**04-154**



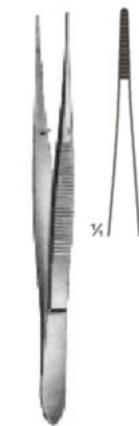
½  
**04-155**



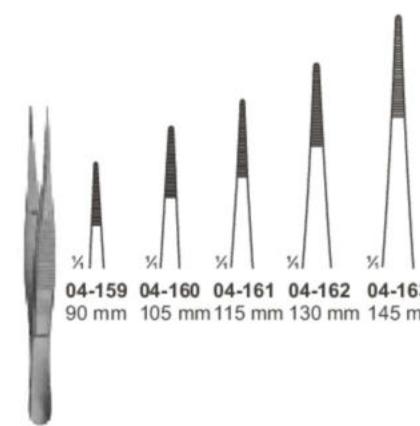
½  
**04-156**



½  
**04-157**  
110 mm



½  
**04-158**  
115 mm



½  
**04-159 - 168**

½  
**04-159**  
90 mm

½  
**04-160**  
105 mm

½  
**04-161**  
115 mm

½  
**04-162**  
130 mm

½  
**04-163**  
145 mm

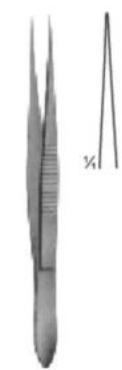
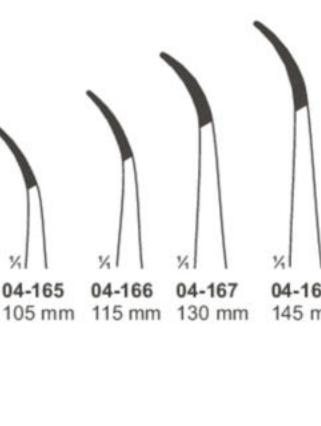
½  
**04-164**  
90 mm

½  
**04-165**  
105 mm

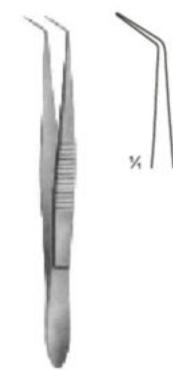
½  
**04-166**  
115 mm

½  
**04-167**  
130 mm

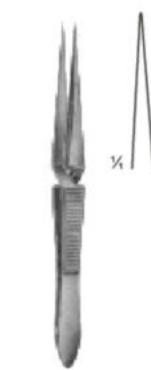
½  
**04-168**  
145 mm



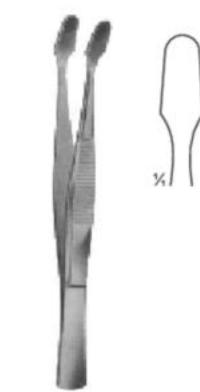
½  
**04-169**  
100 mm



½  
**04-170**  
100 mm



½  
**04-171**  
100 mm



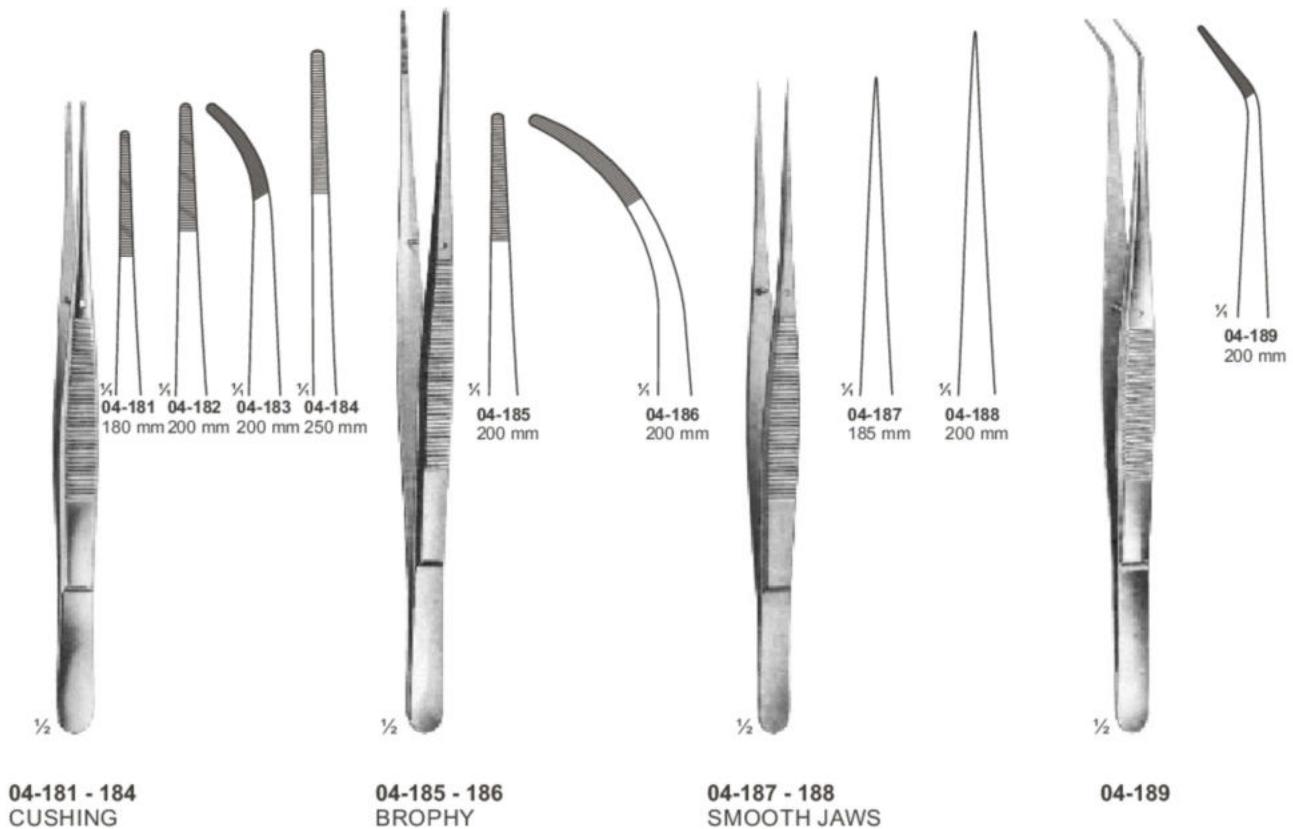
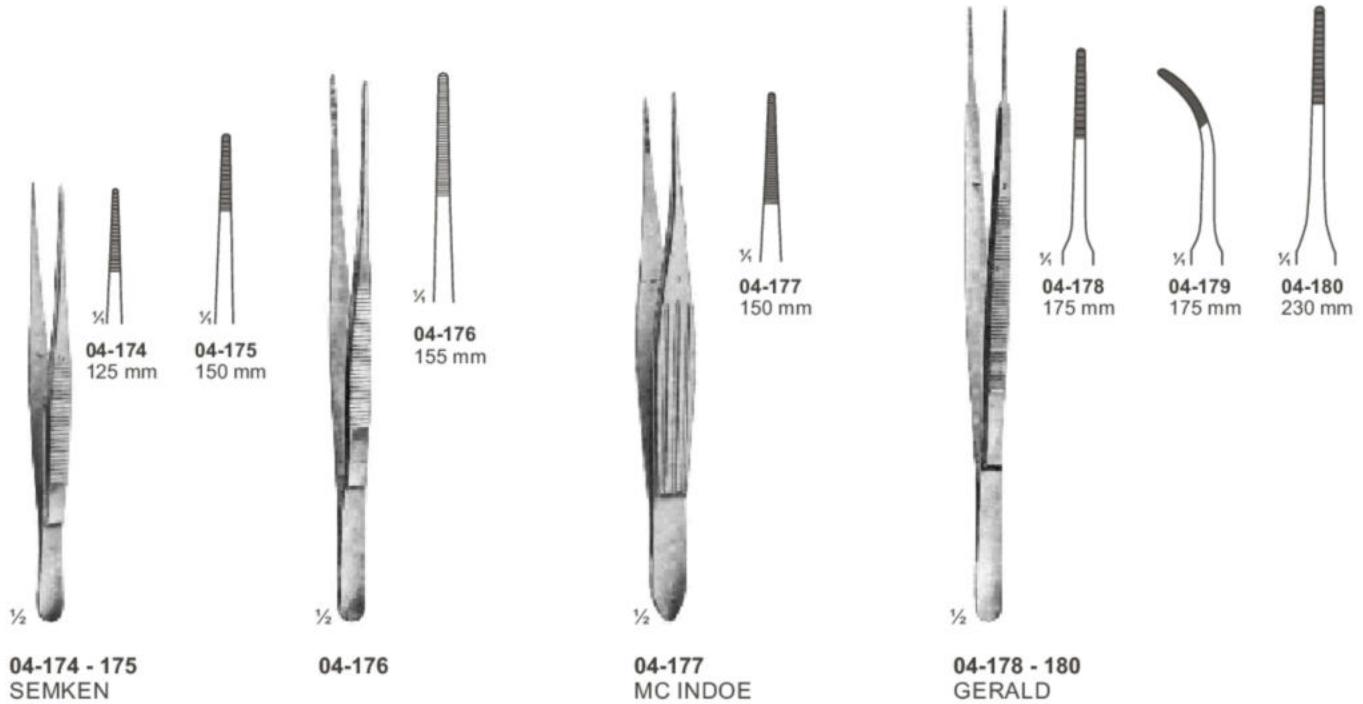
½  
**04-172**  
COVER GLASS FORCEPS  
105 mm



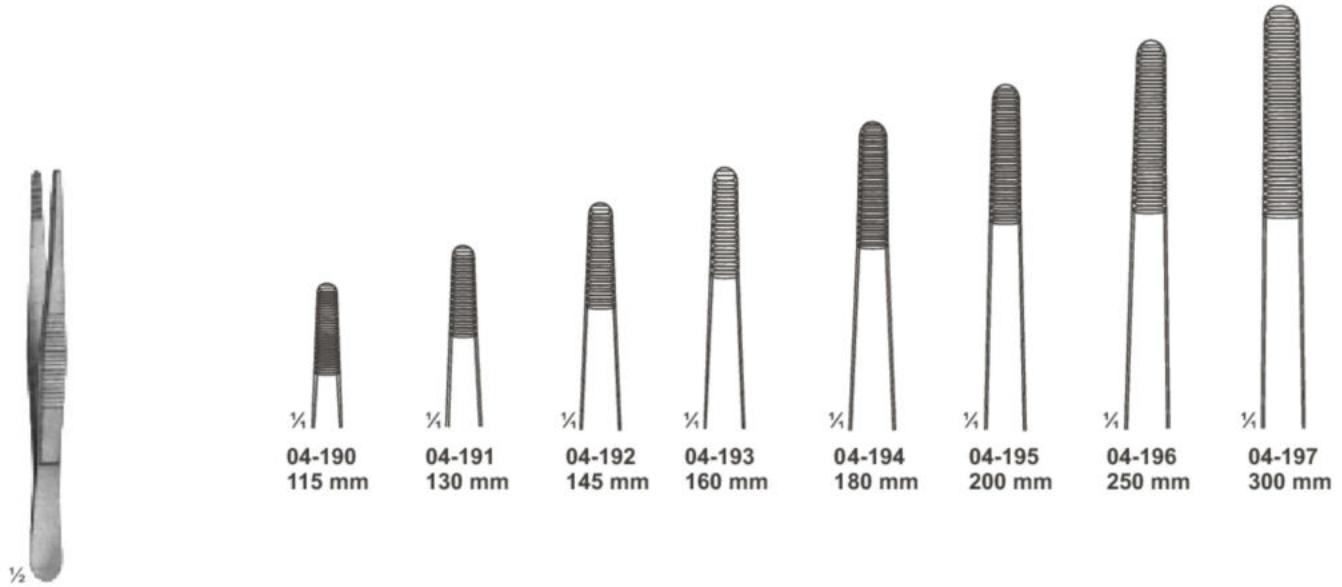
½  
**04-173**  
160 mm



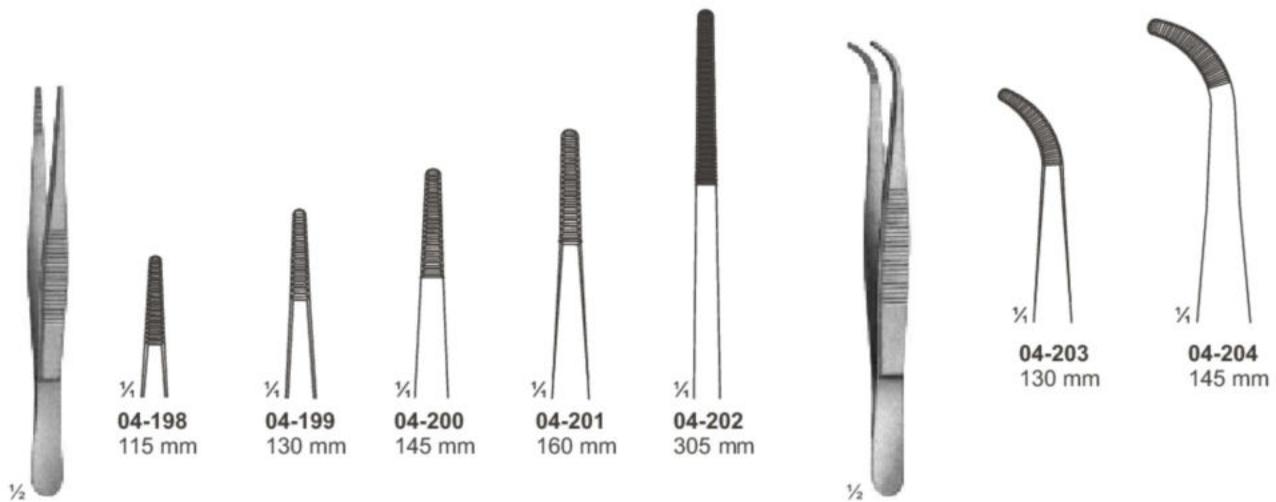
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



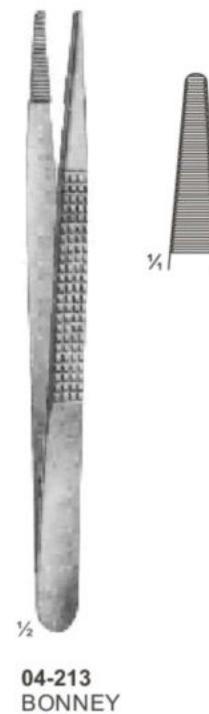
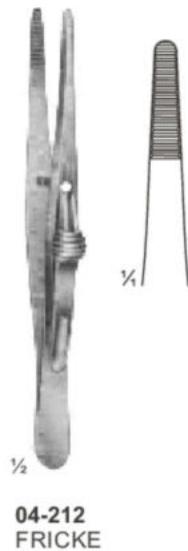
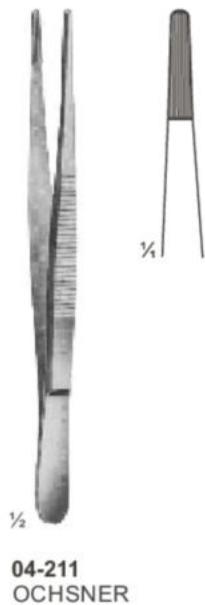
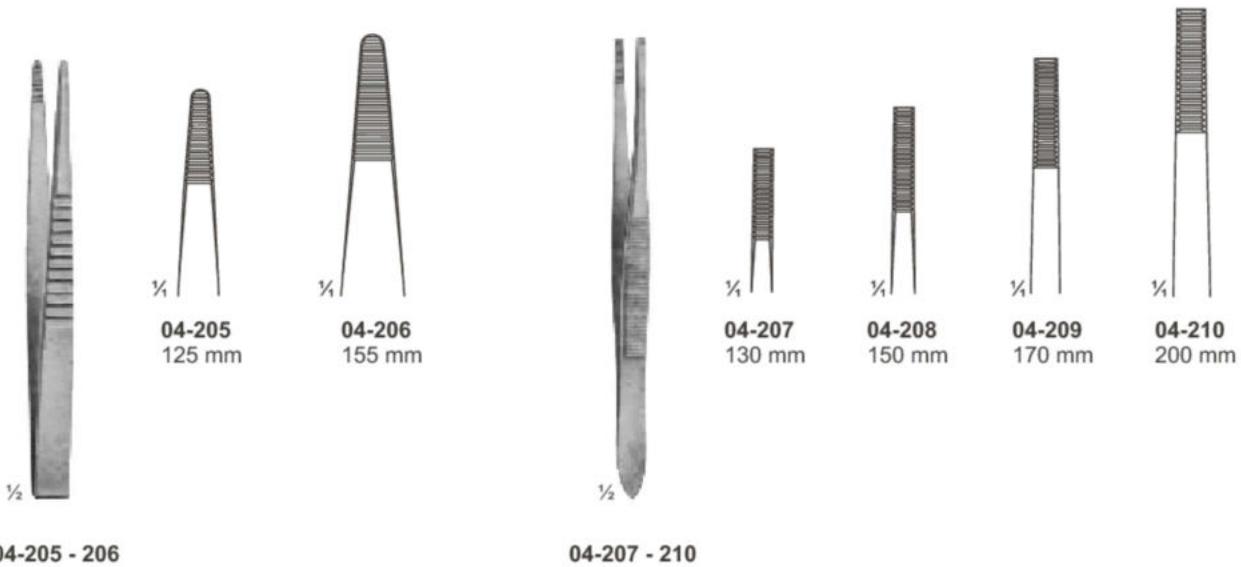
04-190 - 197  
STANDARD



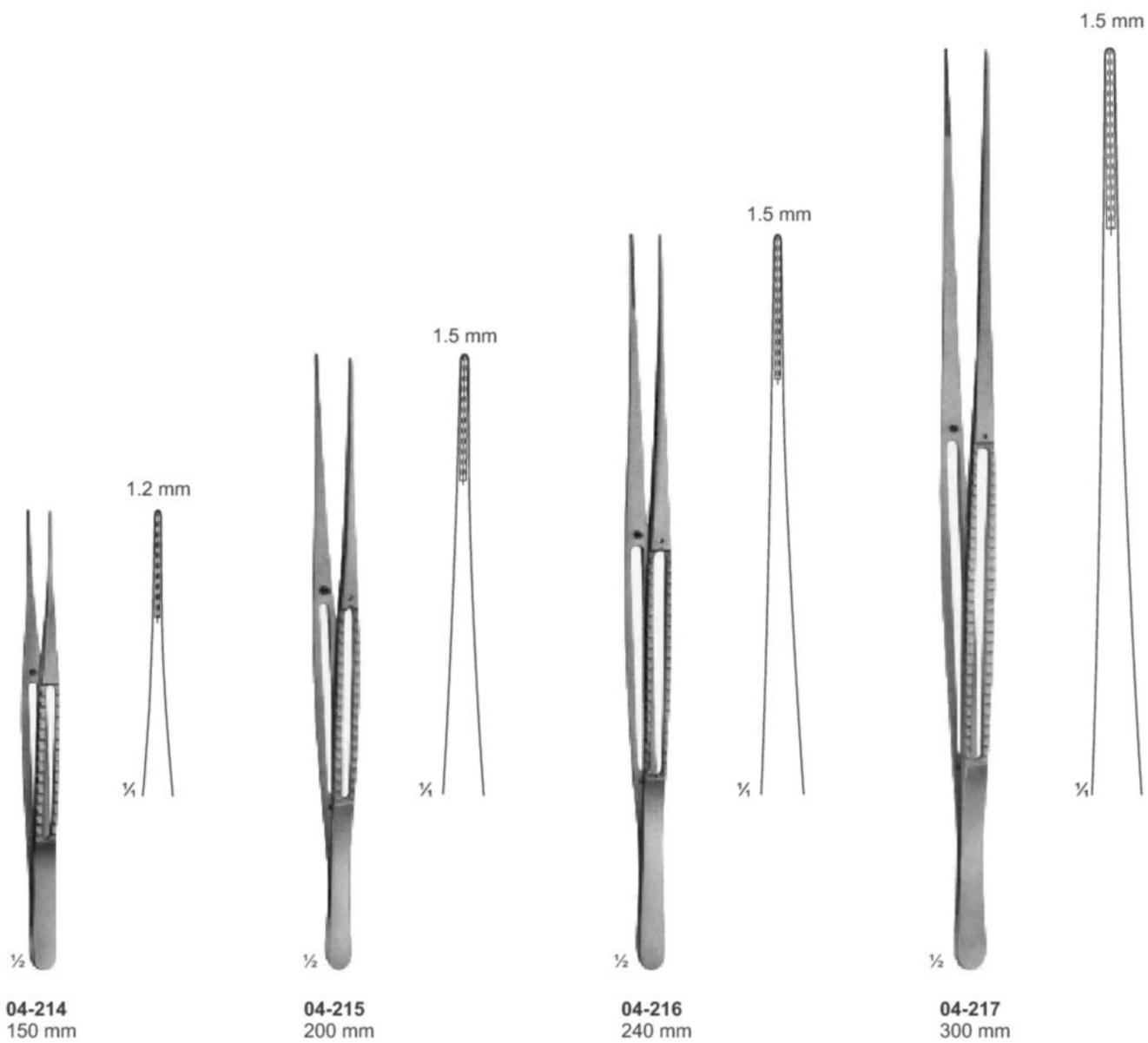
04-198 - 202  
MEDIUM

04-203 - 204  
MEDIUM

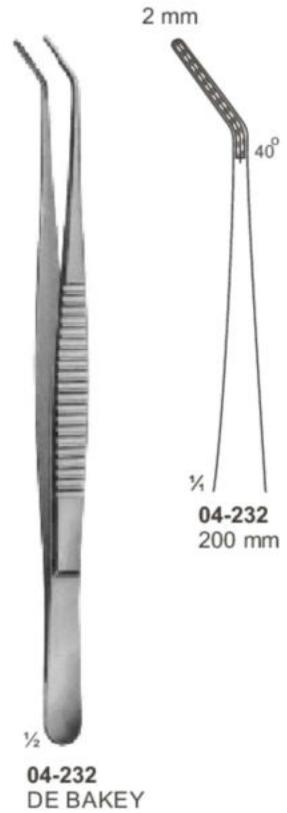
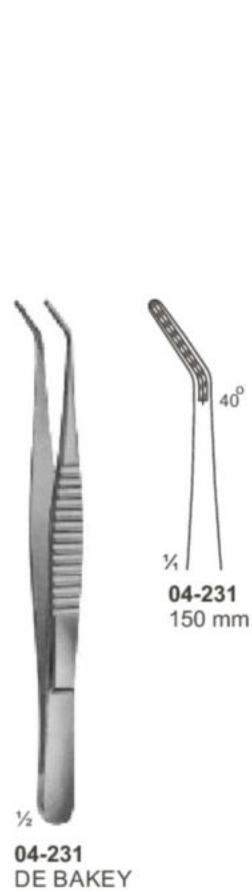
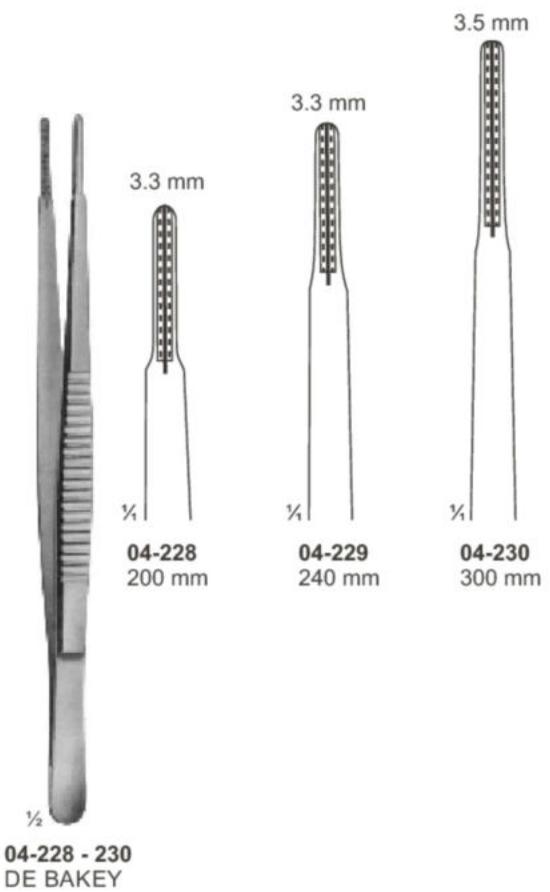
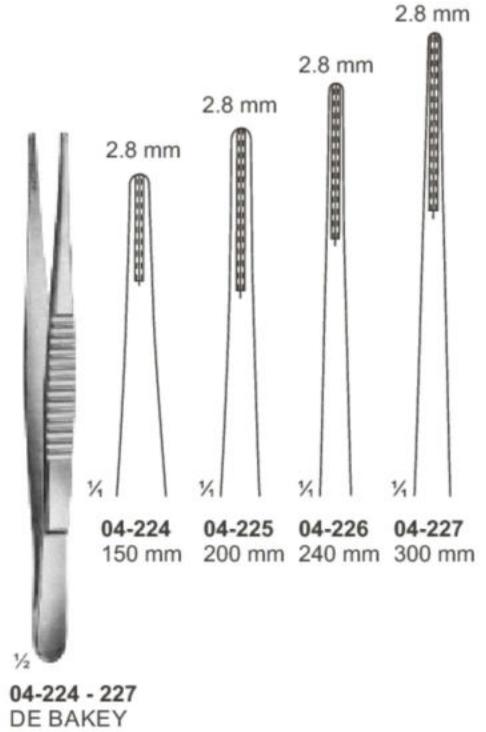
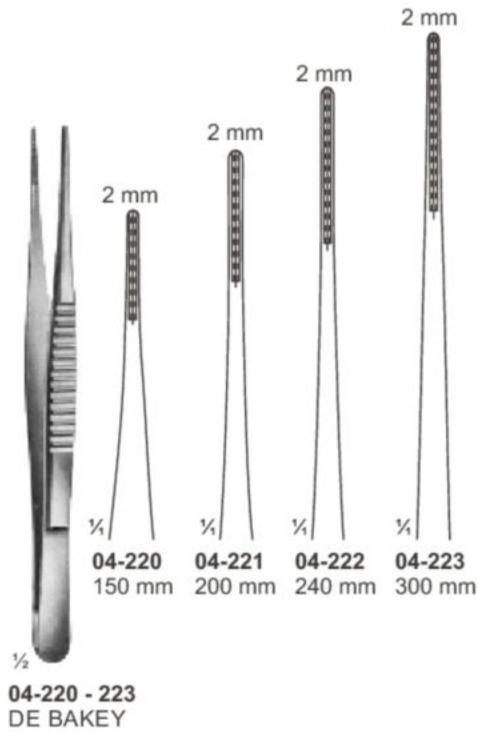
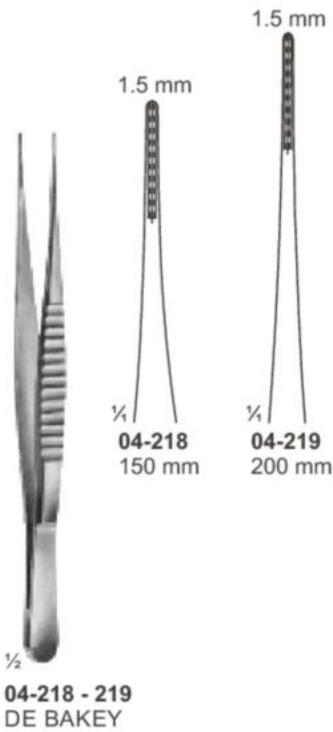
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**04-233**  
LUCAE  
140 mm



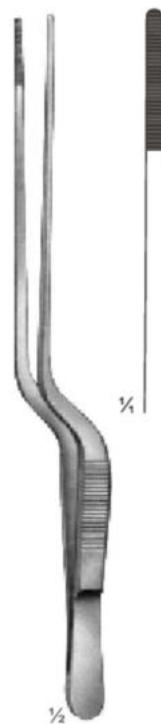
**04-234**  
LUCAE  
1x2 teeth  
140 mm



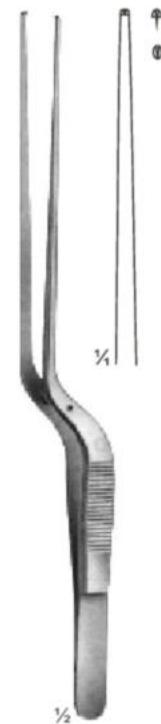
**04-235**  
COTTLE  
Forceps with  
jaws toothed  
and serrated  
140 mm



**04-236**  
JANSEN  
160 mm



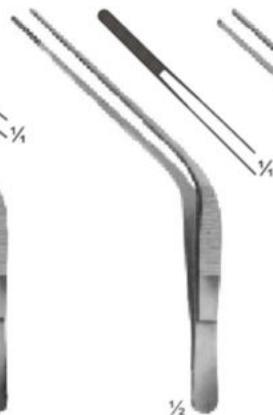
**04-237**  
GRUENWALD  
200 mm



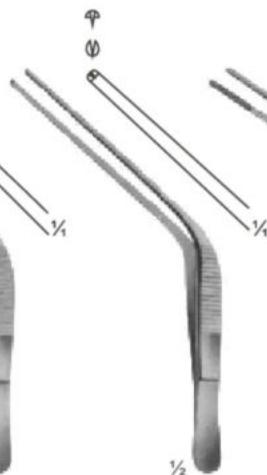
**04-238**  
1x2 teeth  
200 mm



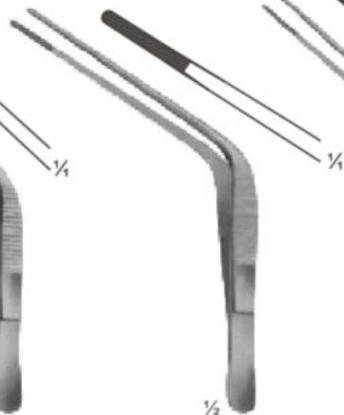
**04-239**  
TROELTSCH  
100 mm



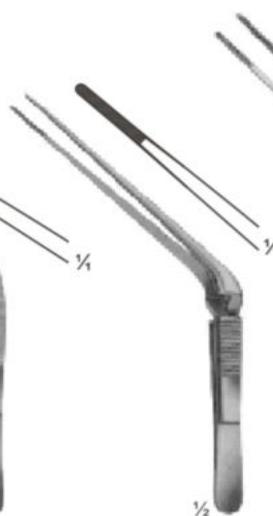
**04-240**  
TROELTSCH  
115 mm



**04-241**  
TROELTSCH  
1X2 teeth  
115 mm



**04-242**  
WILDE  
115 mm



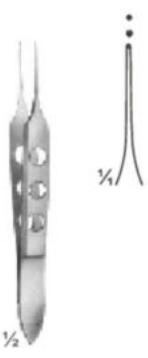
**04-243**  
TROELTSCH  
Cross action  
120 mm



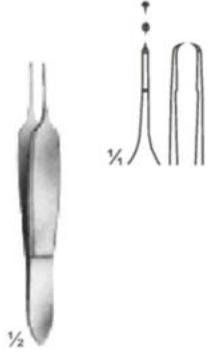
**04-244**  
TROELTSCH  
140 mm



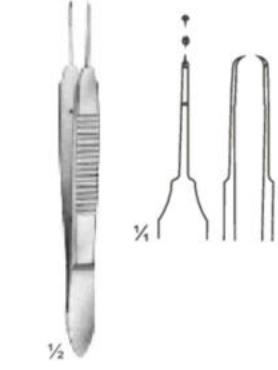
SURGICAL INSTRUMENTS



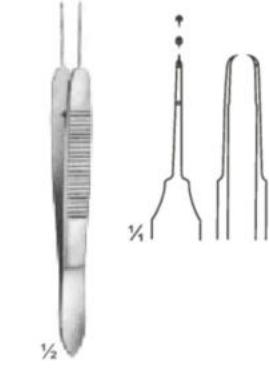
**04-245**  
BISHOP-HARMON  
85 mm



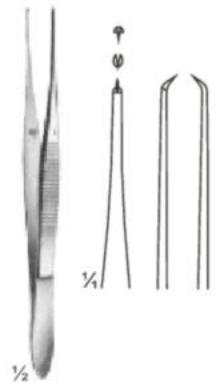
**04-246**  
ST.MARTIN  
80 mm



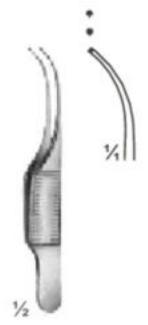
**04-247**  
CASTROVIEJO  
teeth 0.9 mm  
100 mm



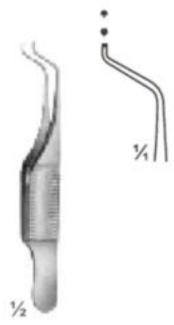
**04-248**  
CASTROVIEJO  
teeth 0.5 mm  
100 mm



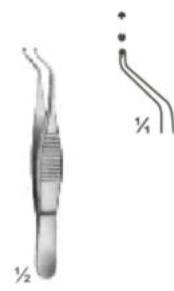
**04-249**  
ELSCHING  
110 mm



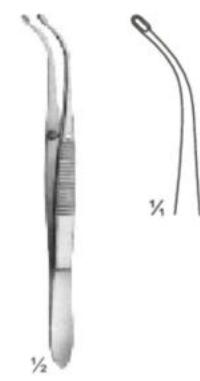
**04-250**  
GILL  
75 mm



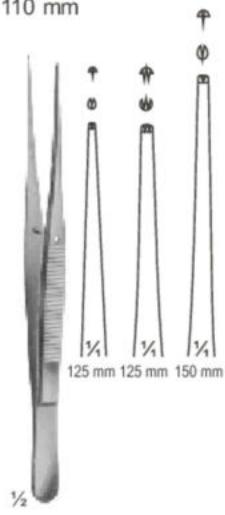
**04-251**  
GILL - HESS  
75 mm



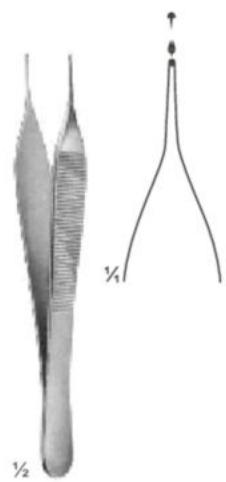
**04-252**  
HESS  
70 mm



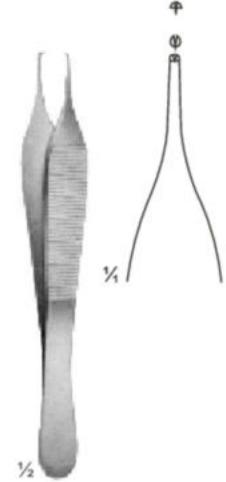
**04-253**  
ARRUGA  
100 mm



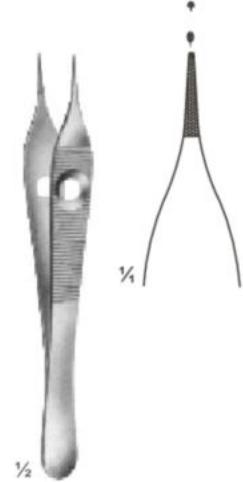
**04-254**  
SEMKEN



**04-255**  
MICRO-ADSON  
120 mm



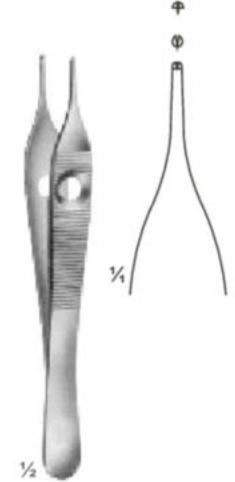
**04-256**  
ADSON  
120 mm



**04-257**  
ADSON  
120 mm



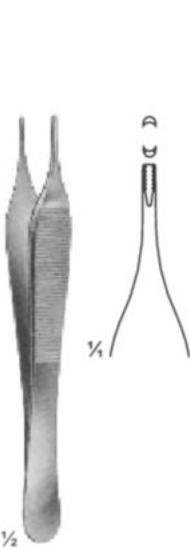
**04-258**  
ADSON  
120 mm



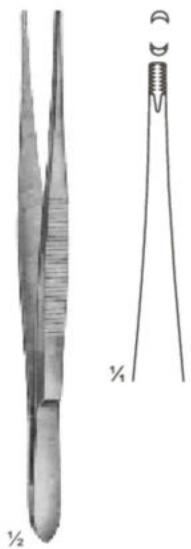
**04-259**  
ADSON  
150 mm



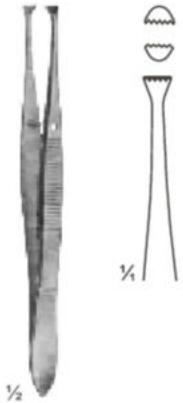
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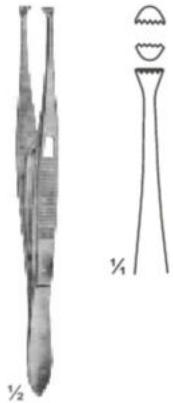
**04-260**  
**ADSON - BROWN**  
Non-traumatic  
120 mm



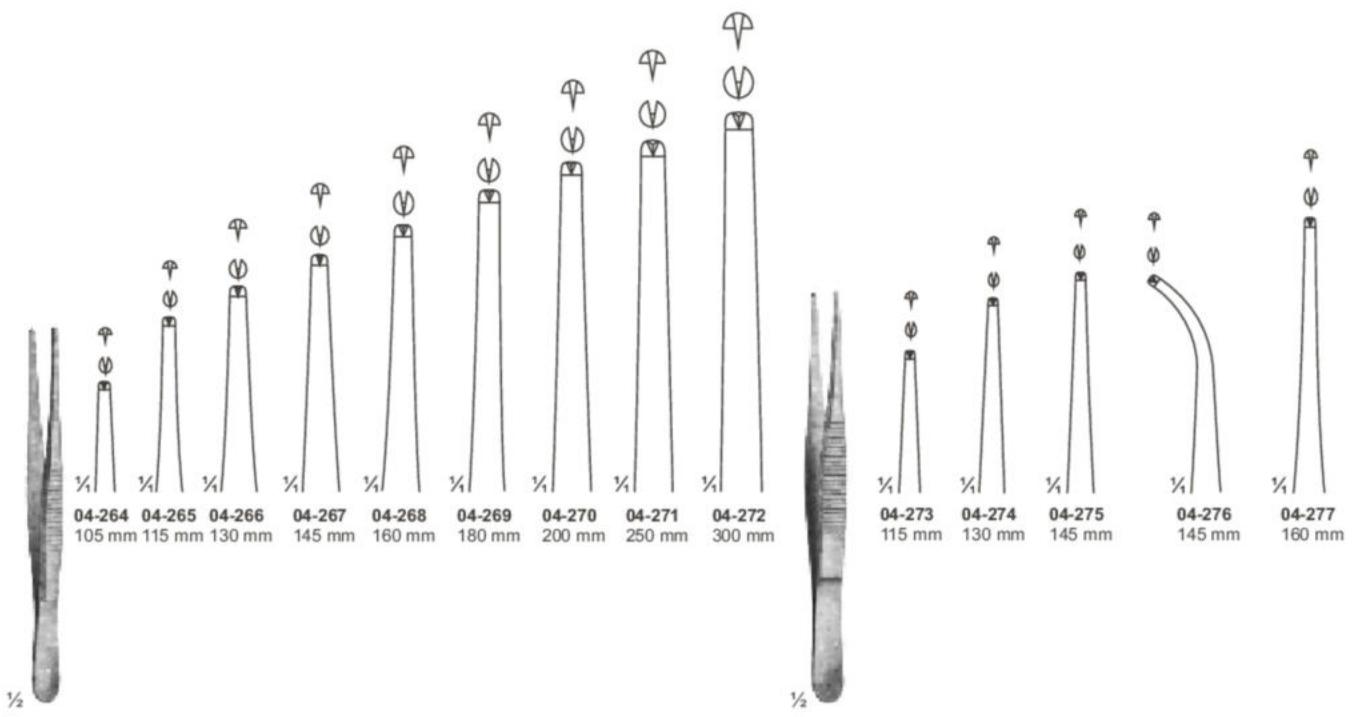
**04-261**  
**BROWN**  
120 mm



**04-262**  
**GRAEFE**  
110 mm



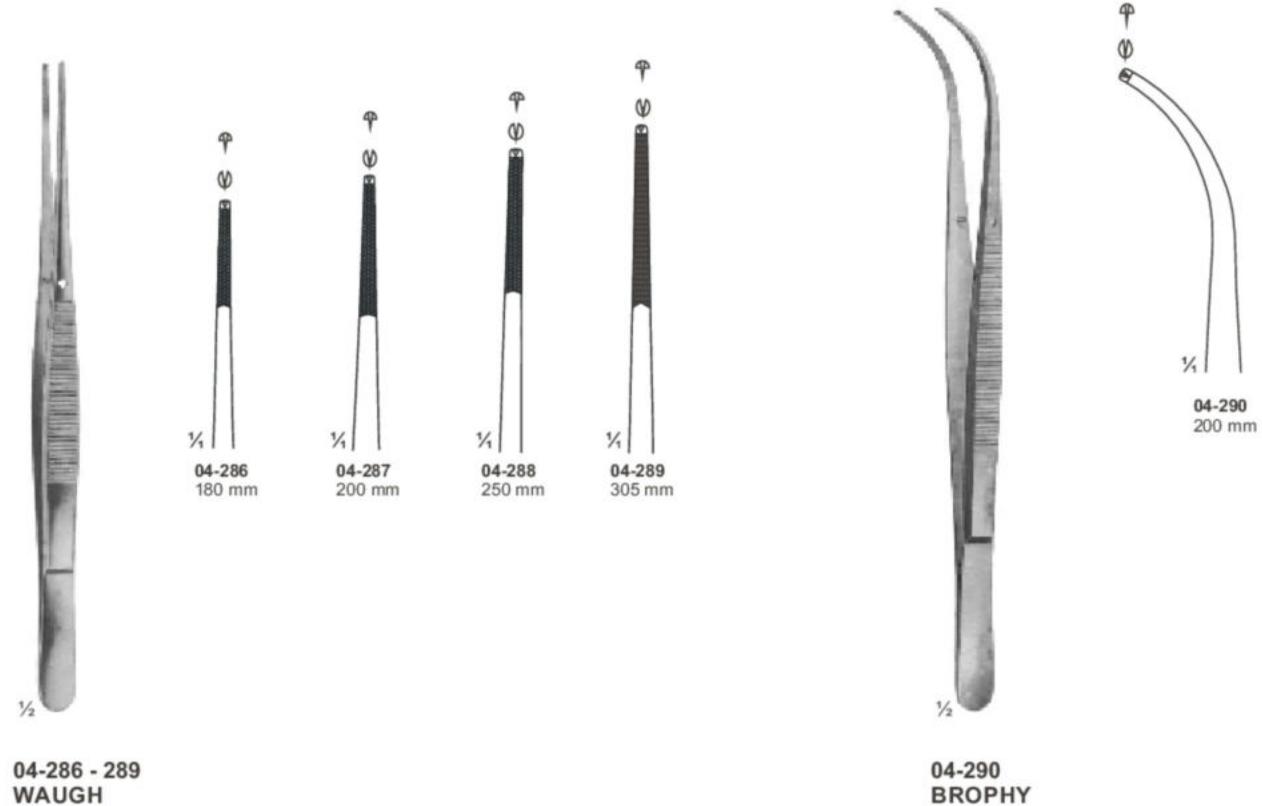
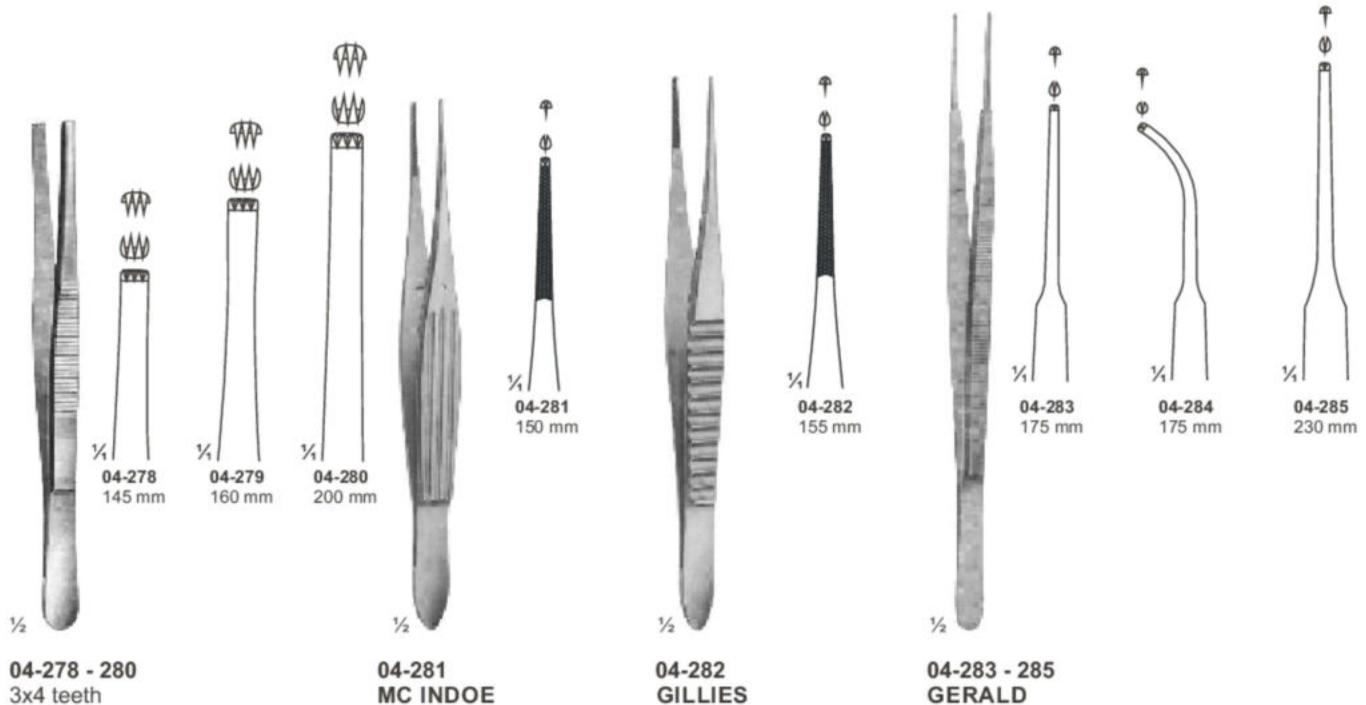
**04-263**  
**GRAEFE**  
With Catch  
110 mm



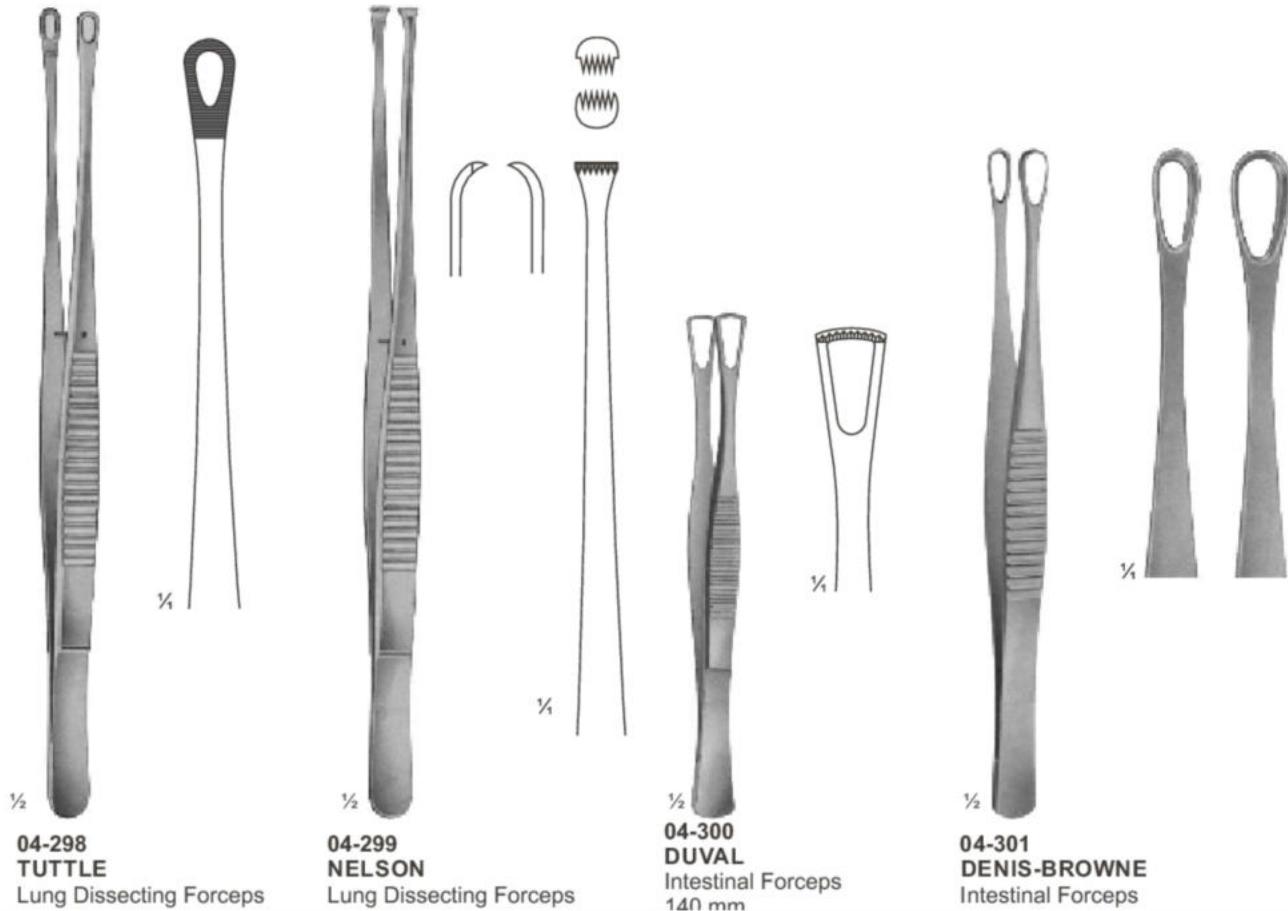
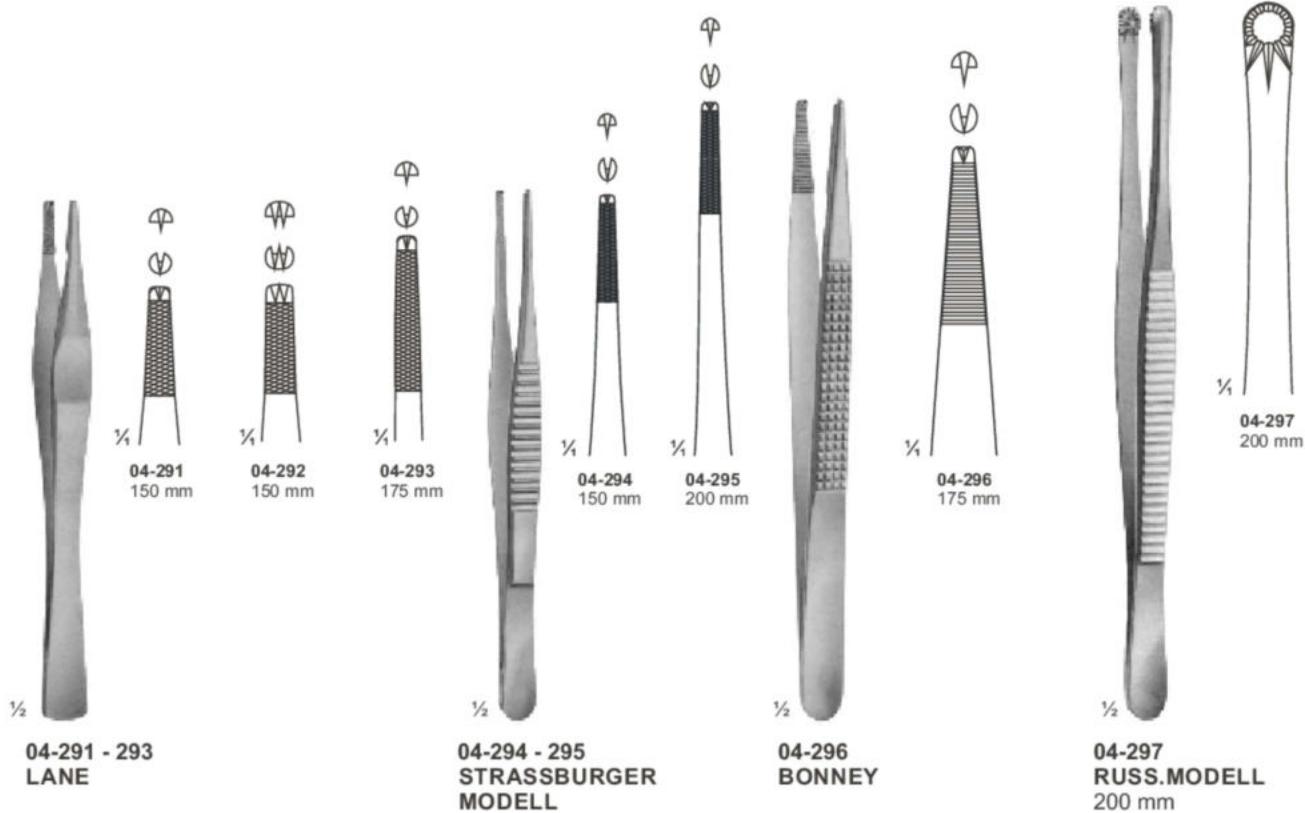
**04-264 - 272**  
**STANDARD**

**04-273 - 277**  
**GRAEFE**  
110 mm

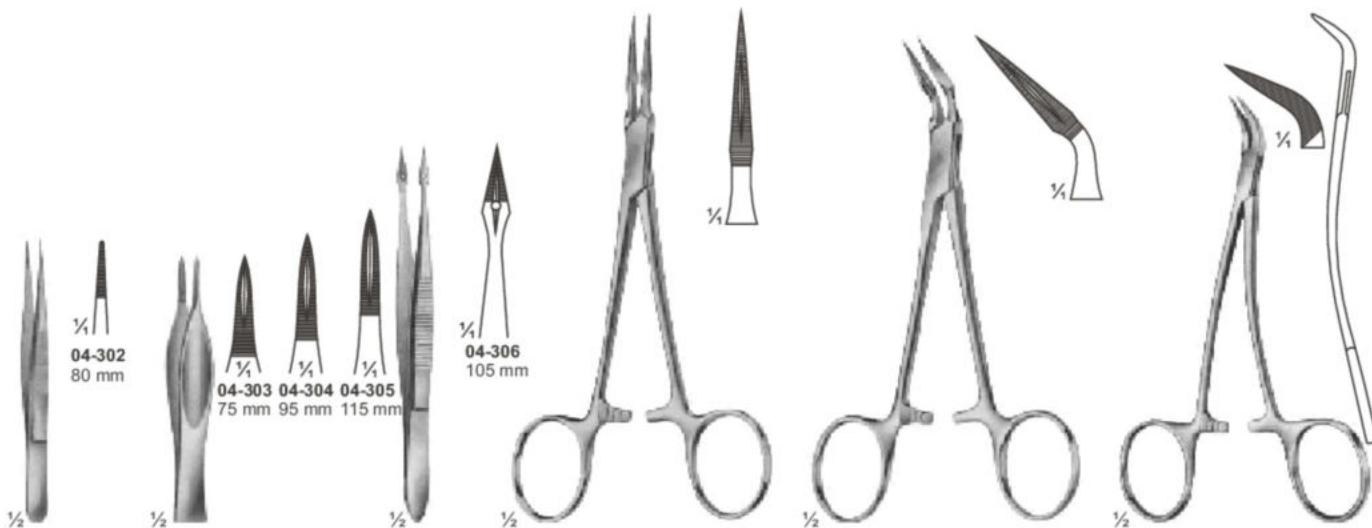
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



04-302

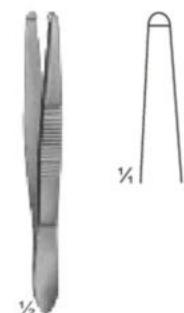
04-303 - 305  
FEILCHENFELD

04-306  
HUNTER

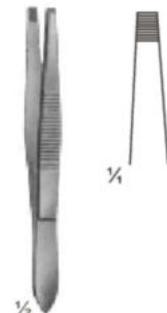
04-307  
STIEGLITZ  
140 mm

04-308  
STIEGLITZ  
140 mm

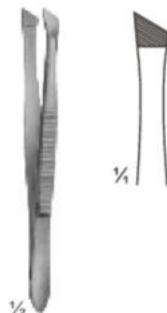
04-309  
PEET  
120 mm



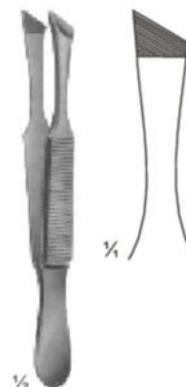
04-310  
BEER  
85 mm



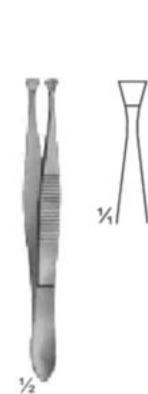
04-311  
85 mm



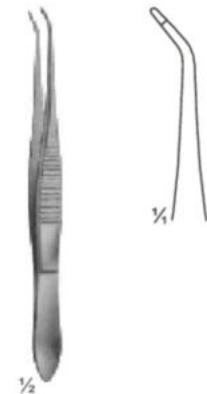
04-312  
85 mm



04-313  
105 mm



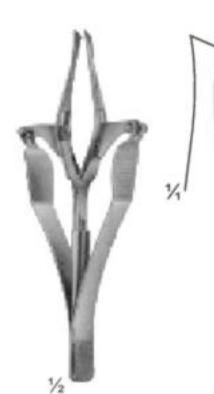
04-314  
105 mm



04-315  
SAUPE  
105 mm



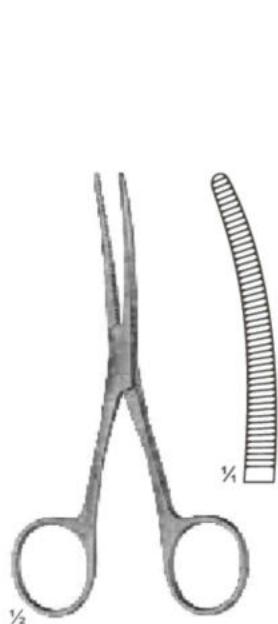
04-316  
SCHAAF  
95 mm



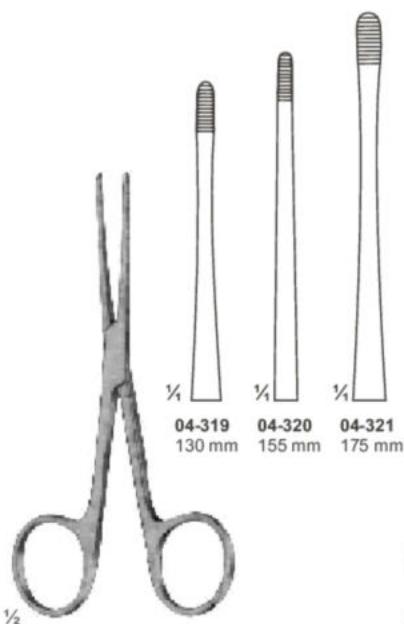
04-317  
105 mm



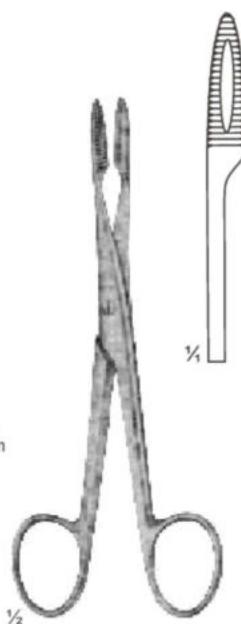
SURGICAL INSTRUMENTS



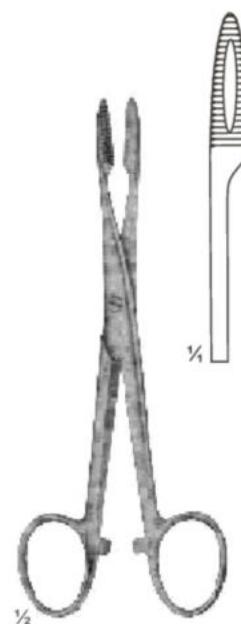
**04-318**  
BRYANT  
130 mm



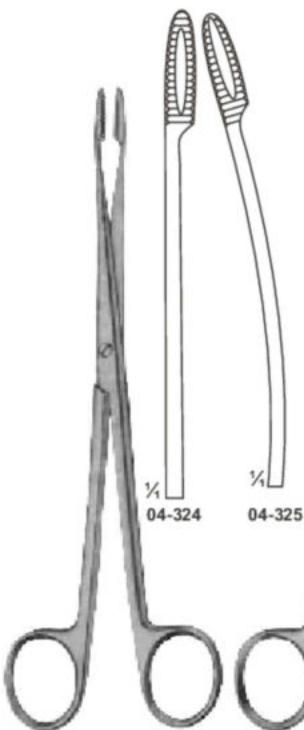
**04-319 - 321**  
LISTER  
Sinus Forceps



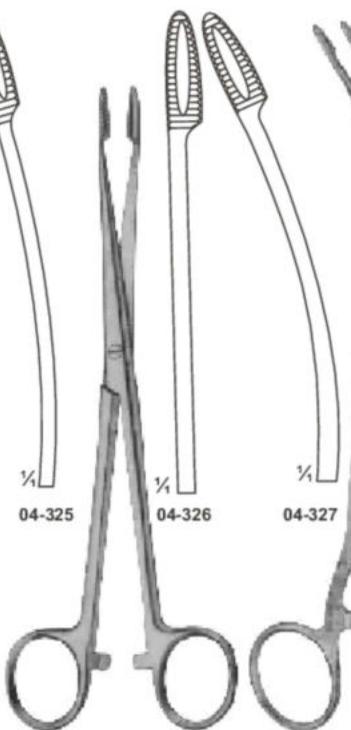
**04-322**  
Without Ratchet  
145 mm



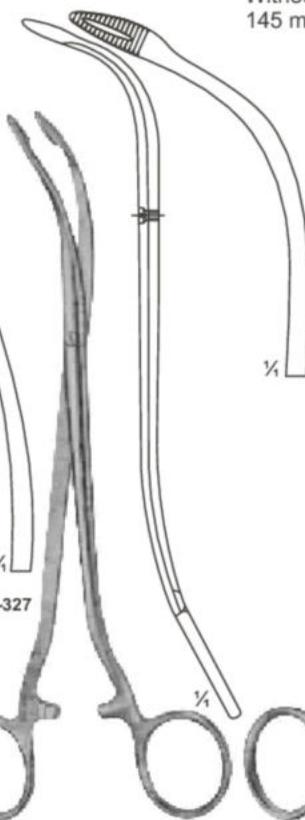
**04-323**  
With Ratchet  
145 mm



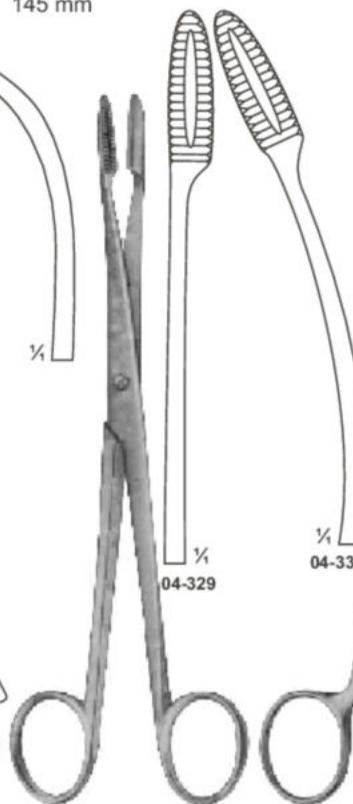
**04-324 - 325**  
GROSS  
Without Ratchet  
200 mm



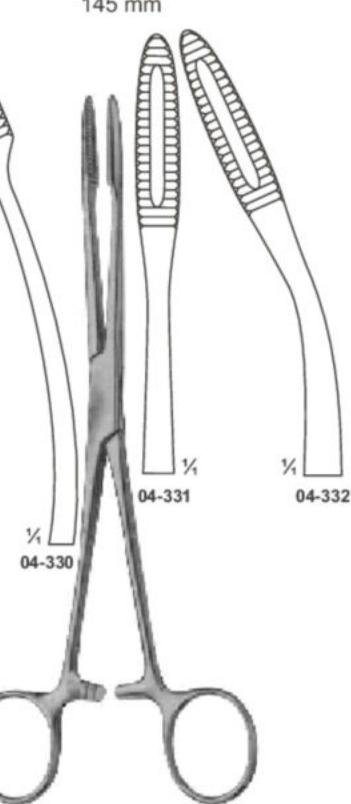
**04-326 - 327**  
GROSS  
With Ratchet  
180 mm



**04-328**  
DUPLAY  
190 mm



**04-329 - 330**  
GROSS  
Without Ratchet  
200 mm



**04-331 - 332**  
GROSS  
With Ratchet  
200 mm

SURGICAL INSTRUMENTS

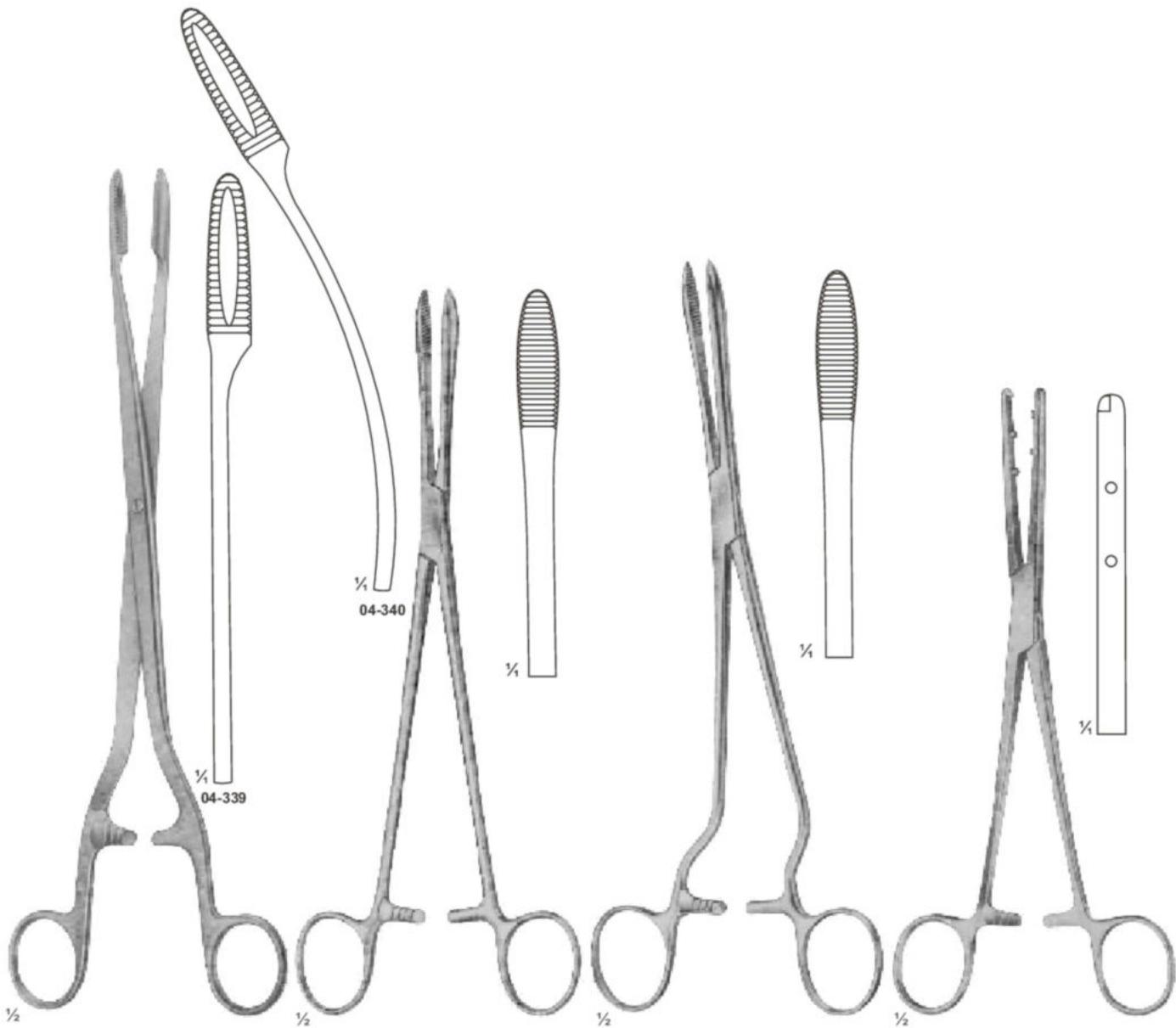


**04-333 - 334**  
AESCULAP  
220 mm

**04-335 - 336**  
MAIER  
Without Ratchet  
265 mm

**04-337 - 338**  
MAIER  
With Ratchet  
265 mm

SURGICAL INSTRUMENTS



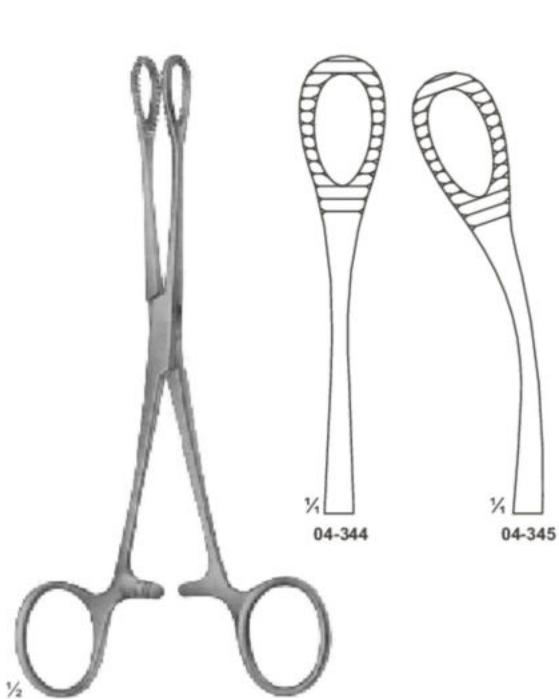
**04-339 - 340**  
SIMS-MAIER  
280 mm

**04-341**  
COLLIN  
240 mm

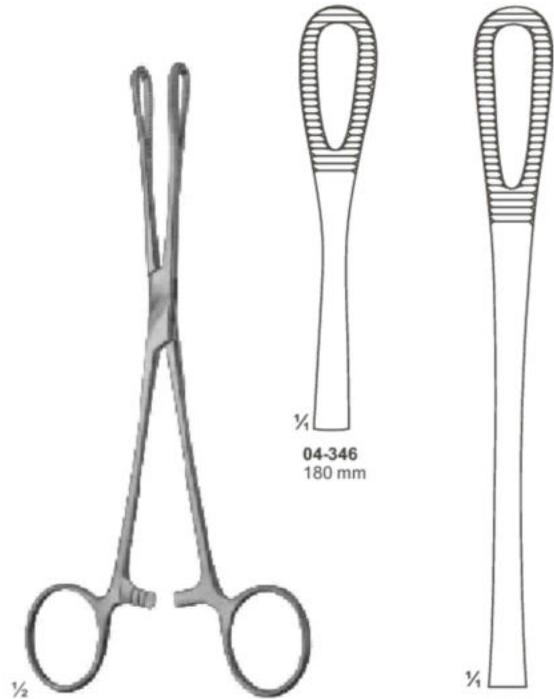
**04-342**  
CHERON  
Handles Laterally Angled  
240 mm

**04-343**  
EMMET  
210 mm

SURGICAL INSTRUMENTS

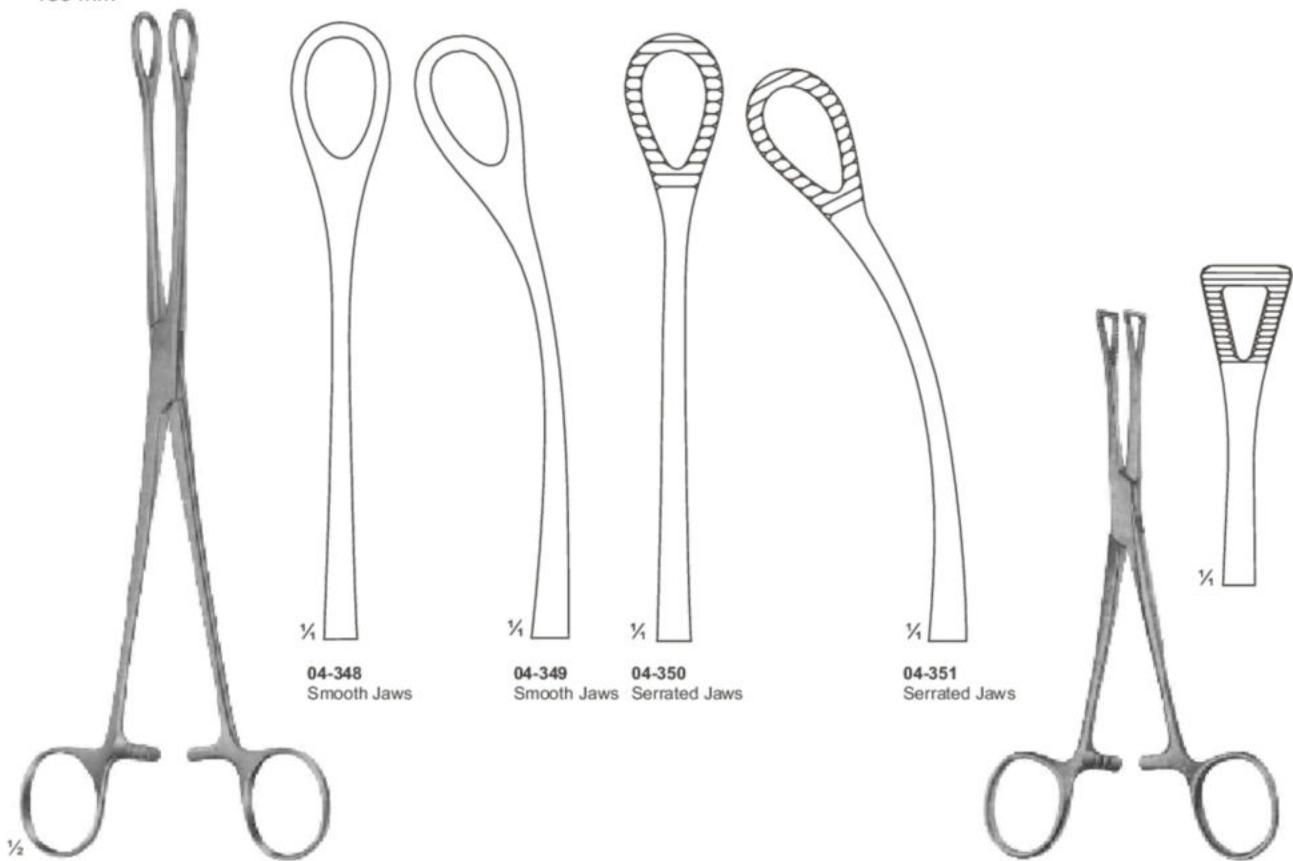


04-344 - 345  
FOERSTER-BALLENGER  
180 mm



04-346 - 347  
RAMPLEY

04-347  
250 mm



04-348 - 351  
FOERSTER-BALLENGER  
240 mm

04-352  
PENNINGTON  
155 mm

04-348  
Smooth Jaws

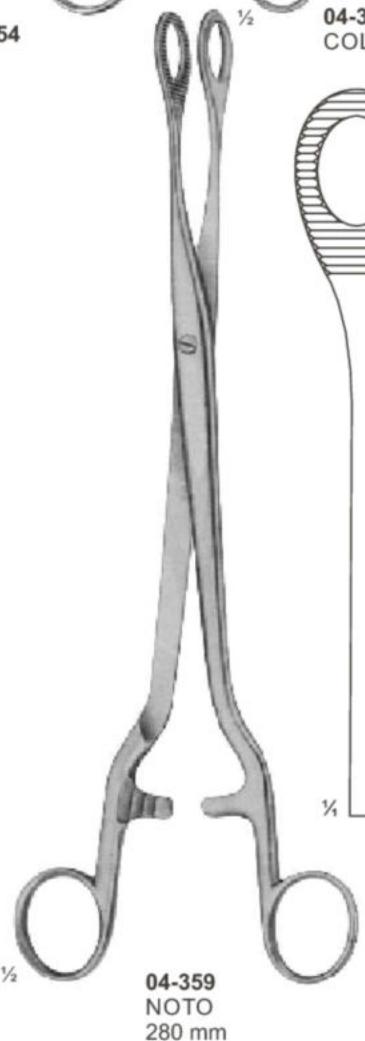
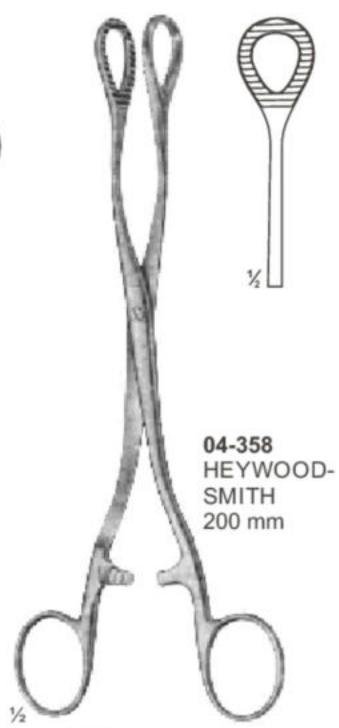
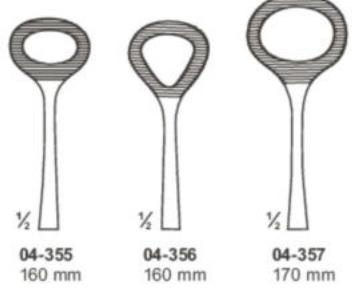
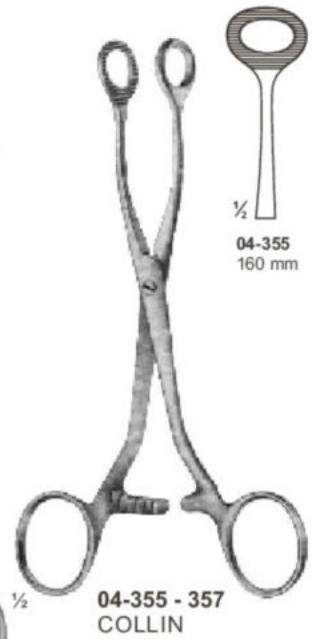
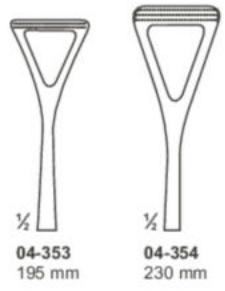
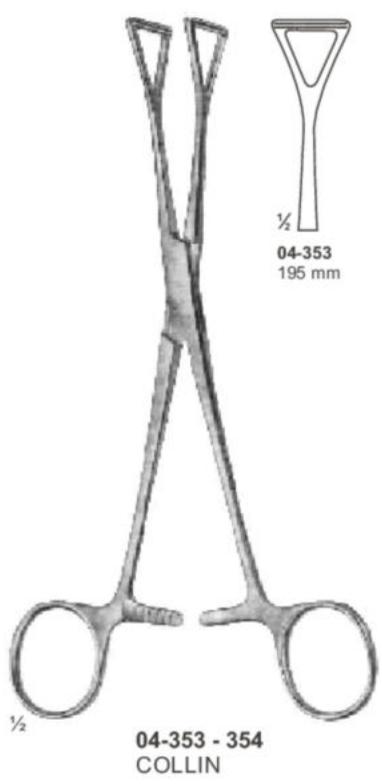
04-349  
Smooth Jaws

04-350  
Serrated Jaws

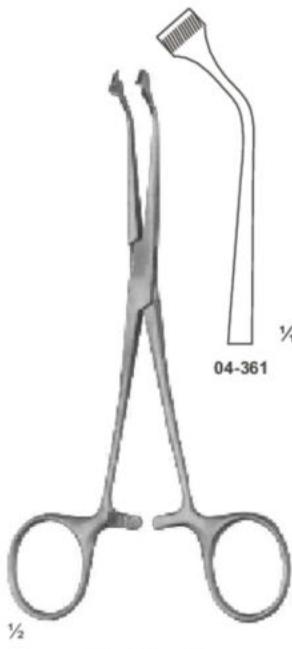
04-351  
Serrated Jaws



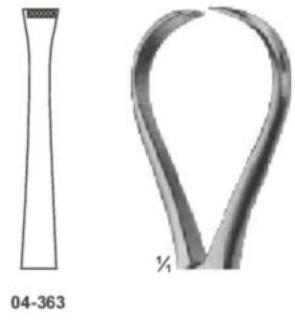
SURGICAL INSTRUMENTS



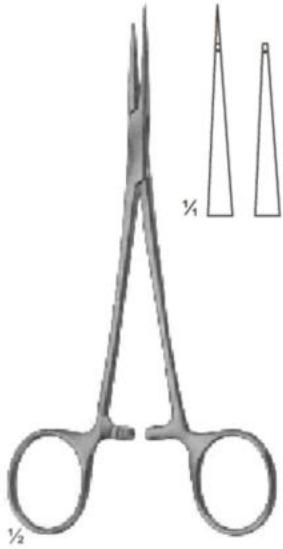
SURGICAL INSTRUMENTS



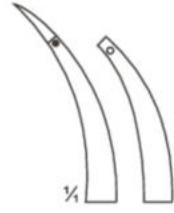
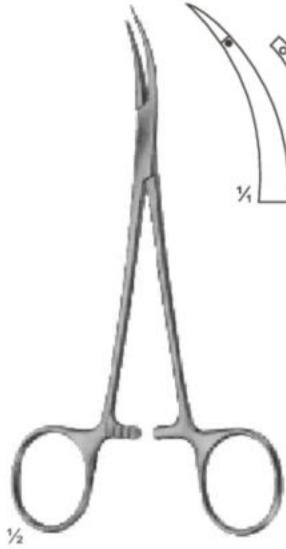
04-361 - 362  
HERZ  
155 mm



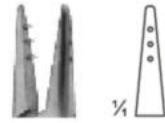
04-363  
JACKSON  
4 x 5 teeth  
150 mm



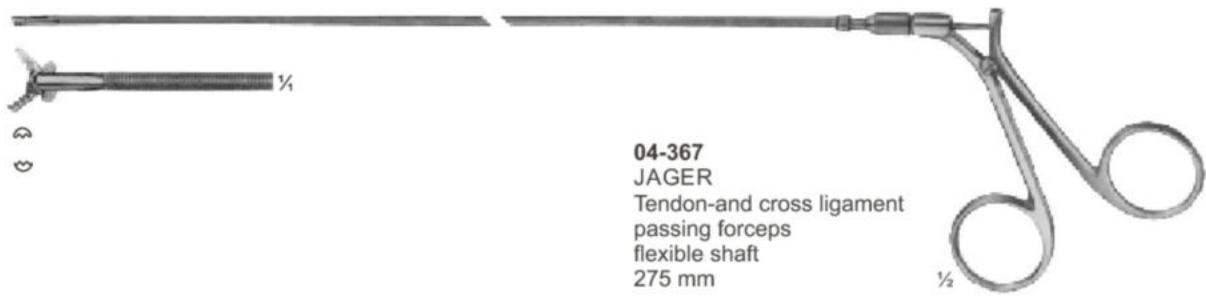
04-364  
150 mm



04-365  
150 mm

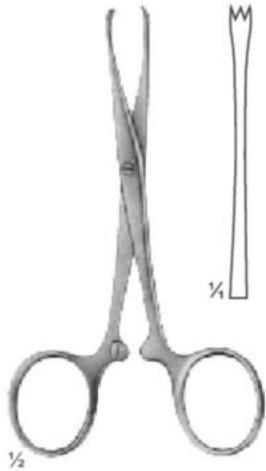


04-366  
120 mm

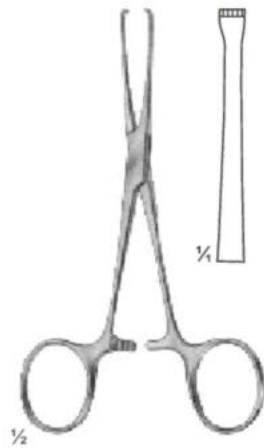


04-367  
JAGER  
Tendon and cross ligament  
passing forceps  
flexible shaft  
275 mm

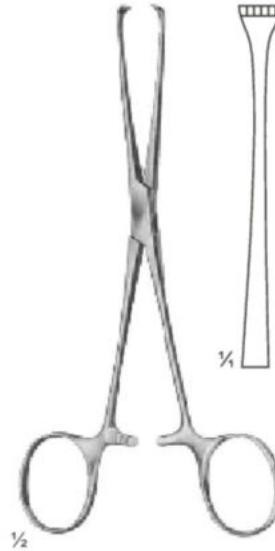
SURGICAL INSTRUMENTS



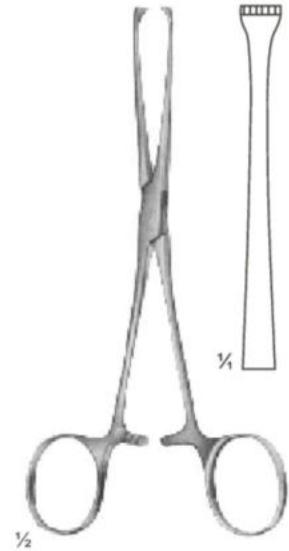
**04-368**  
CHAPUT  
2 x 3 teeth  
125 mm



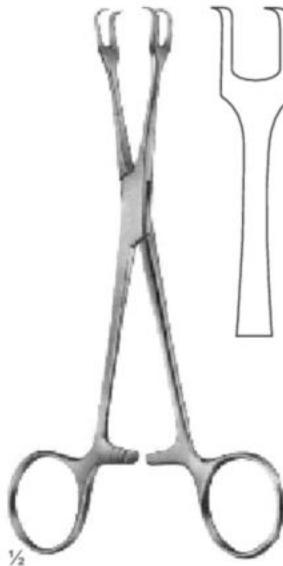
**04-369**  
BABY-ALLIS  
4 x 5 teeth  
130 mm



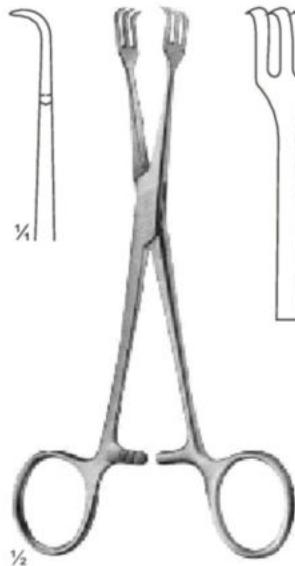
**04-370**  
BOYS-ALLIS  
5 x 6 teeth  
155 mm



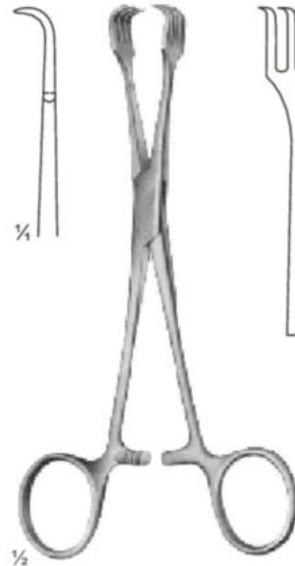
**04-371**  
ALLIS  
5 x 6 teeth  
155 mm



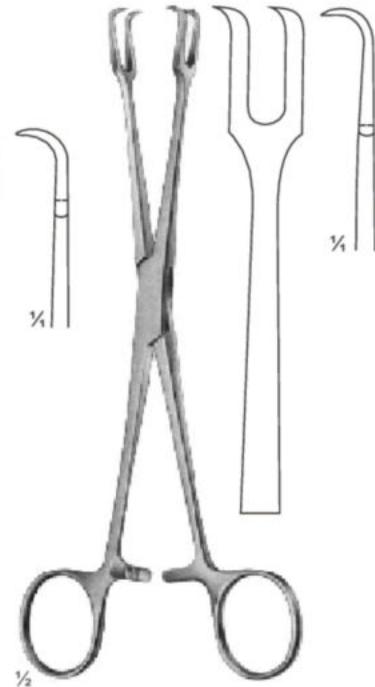
**04-372**  
LAHEY  
135 mm



**04-373**  
LAHEY  
135 mm

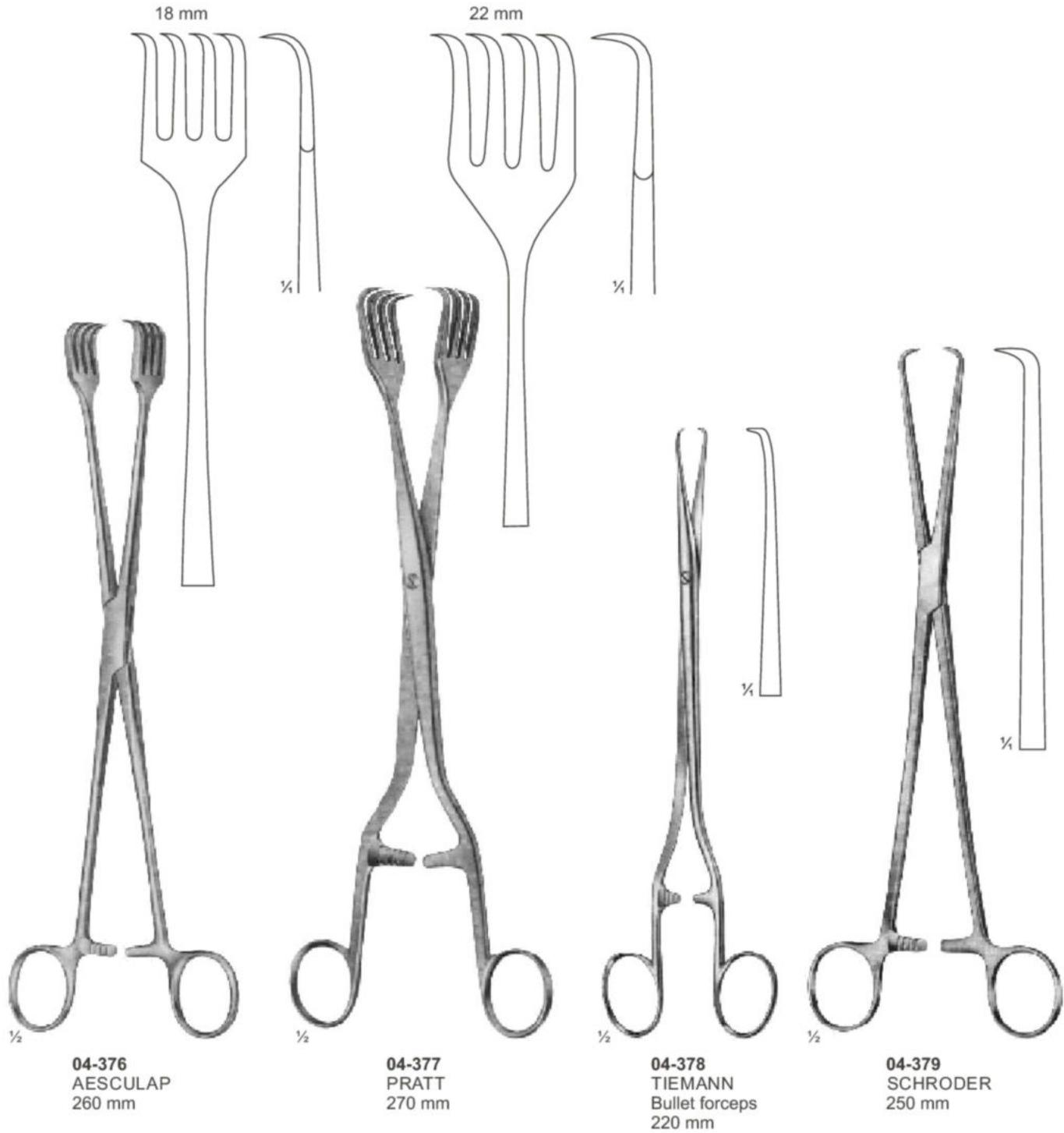


**04-374**  
BRAUN  
155 mm

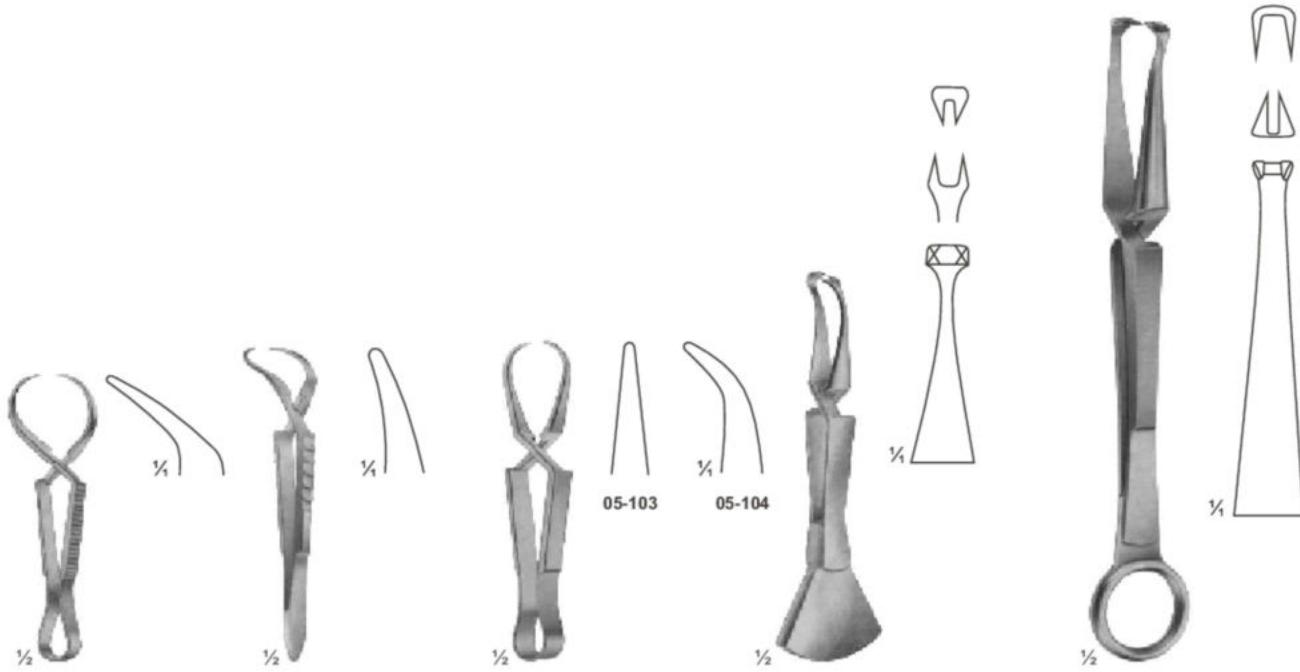


**04-375**  
MUSEUX  
200 mm

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



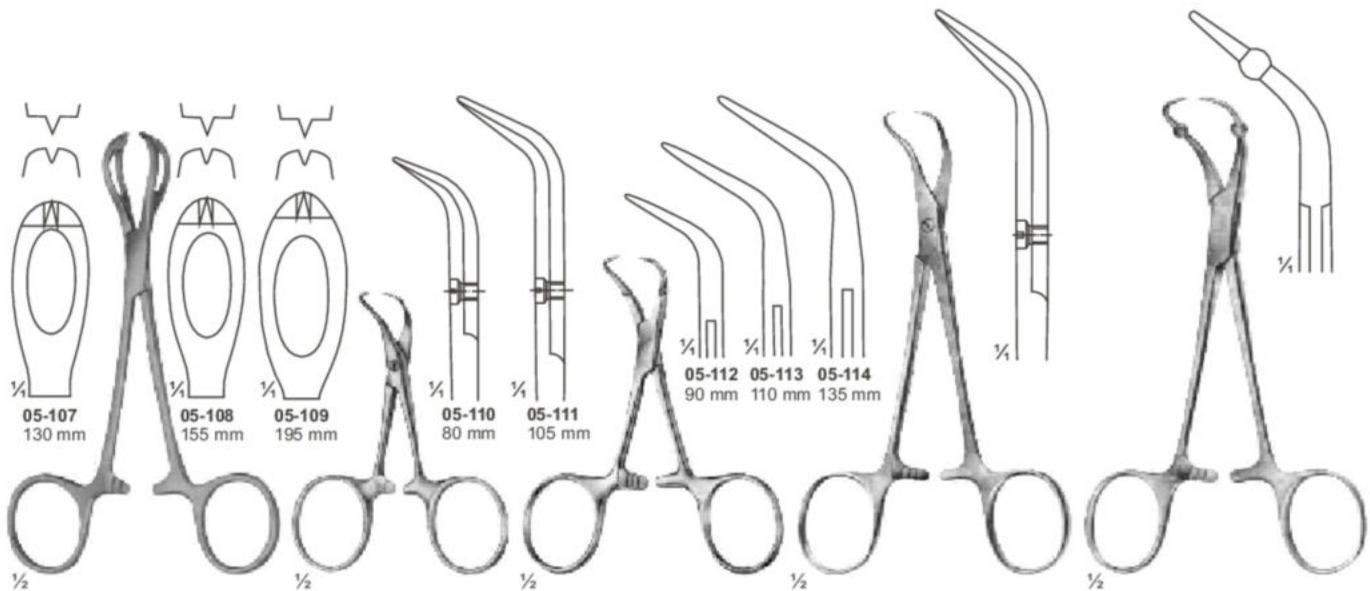
**05-101**  
JONES  
85 mm

**05-102**  
ENGL. MOD.  
85 mm

**05-103 - 104**  
SCHAEDEL  
85 mm

**05-105**  
DOYEN  
110 mm

**05-106**  
DOYEN  
180 mm



**05-107 - 109**  
LANE

**05-110 - 111**  
BACKHAUS

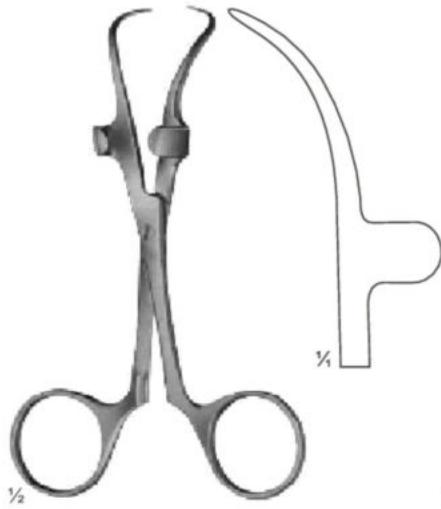
**05-112 - 114**  
BACKHAUS

**05-115**  
BACKHAUS-KOCHER  
135 mm

**05-116**  
ROEDER  
135 mm



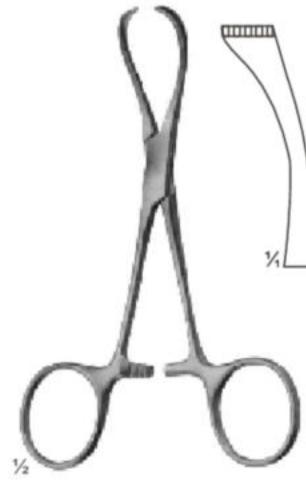
SURGICAL INSTRUMENTS



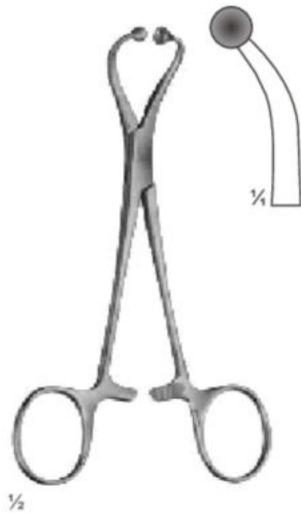
**05-117**  
ROBIN  
with holders for tubing  
up to 13 mm  
135 mm



**05-118**  
with clip for tubing  
up to 15 mm  
110 mm



**05-119**  
LORNA  
non perforating  
130 mm



**05-120**  
for paper cloths  
140 mm



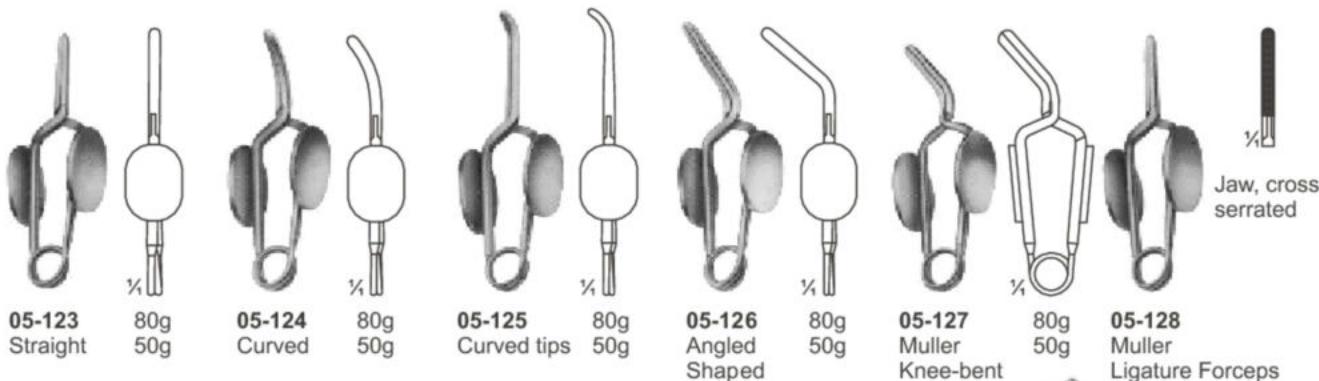
**05-121**  
BUNT  
105 mm



**05-122**  
MAYO  
140 mm

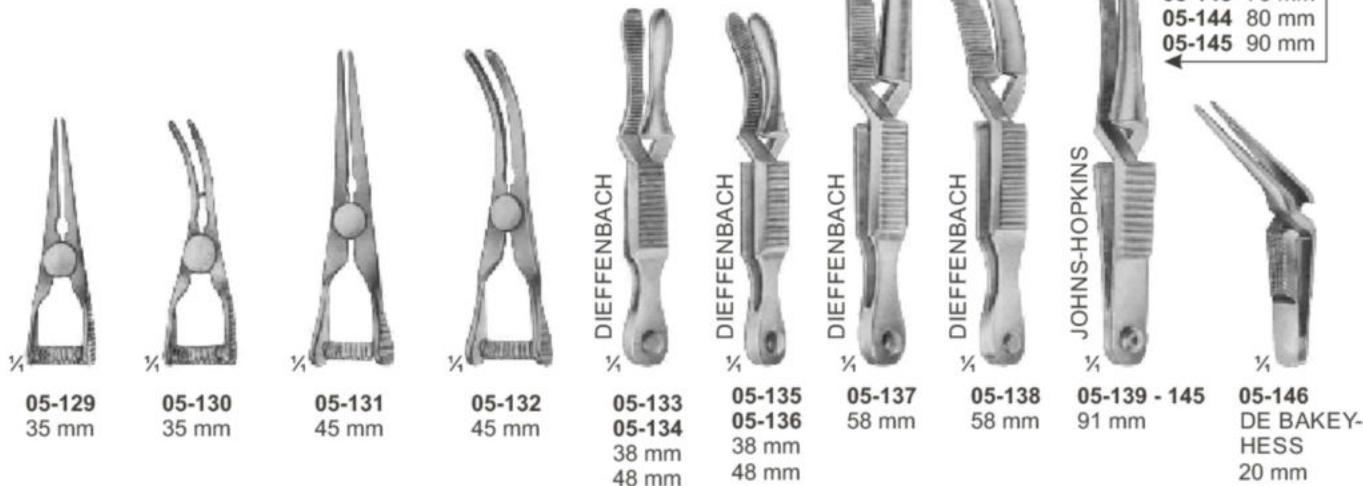
**SURGICAL INSTRUMENTS**

Closing force

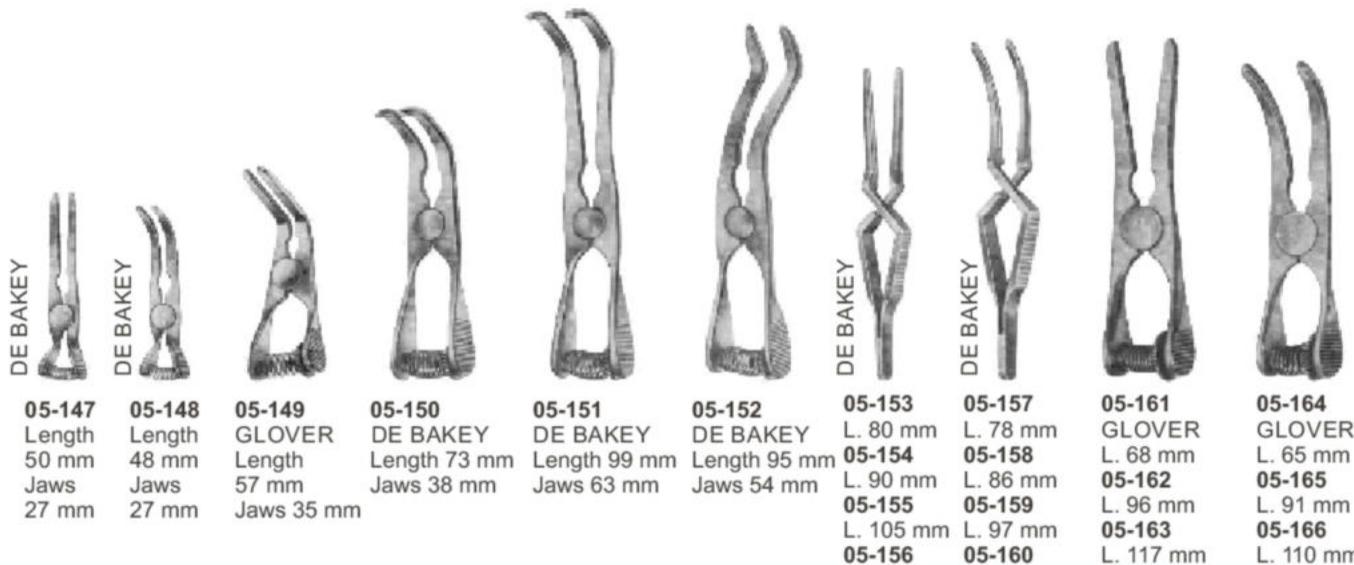


**05-123** Straight 80g 50g  
**05-124** Curved 80g 50g  
**05-125** Curved tips 80g 50g  
**05-126** Angled Shaped 80g 50g  
**05-127** Muller Knee-bent 80g 50g  
**05-128** Muller Ligation Forceps

Jaw, cross serrated



**05-129** 35 mm  
**05-130** 35 mm  
**05-131** 45 mm  
**05-132** 45 mm  
**05-133** 38 mm  
**05-134** 48 mm  
**05-135** 38 mm  
**05-136** 48 mm  
**05-137** 58 mm  
**05-138** 58 mm  
**05-139 - 145** 91 mm  
**05-146** DE BAKEY-HESS 20 mm



**05-147** Length 50 mm Jaws 27 mm  
**05-148** Length 48 mm Jaws 27 mm  
**05-149** GLOVER Length 57 mm Jaws 35 mm  
**05-150** DE BAKEY Length 73 mm Jaws 38 mm  
**05-151** DE BAKEY Length 99 mm Jaws 63 mm  
**05-152** DE BAKEY Length 95 mm Jaws 54 mm  
**05-153** L. 80 mm  
**05-154** L. 90 mm  
**05-155** L. 105 mm  
**05-156** L. 80 mm  
**05-157** L. 78 mm  
**05-158** L. 86 mm  
**05-159** L. 97 mm  
**05-160** L. 117 mm  
**05-161** GLOVER L. 68 mm  
**05-162** L. 96 mm  
**05-163** L. 117 mm  
**05-164** GLOVER L. 65 mm  
**05-165** L. 91 mm  
**05-166** L. 110 mm

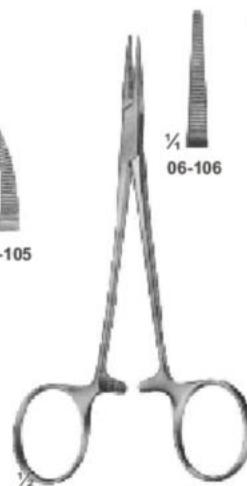
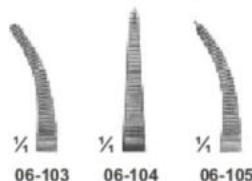
SURGICAL INSTRUMENTS



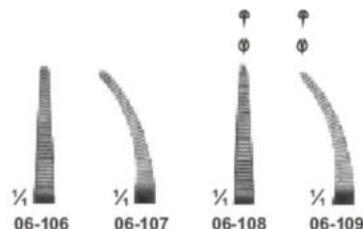
**06-101**  
CARREL  
85 mm



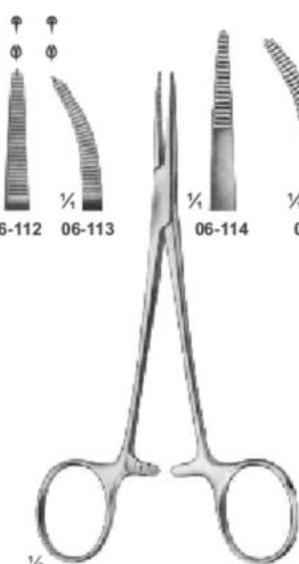
**06-102 - 105**  
BABY-MOSQUITO  
(HARTMANN)  
100 mm



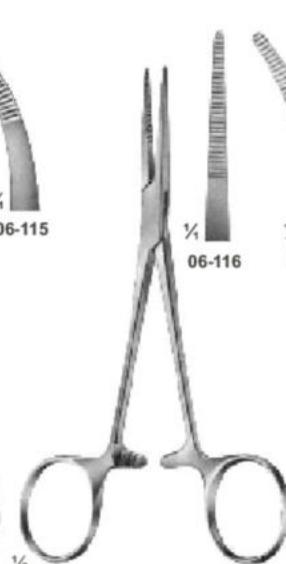
**06-106 - 109**  
MICRO-HALSTED  
125 mm



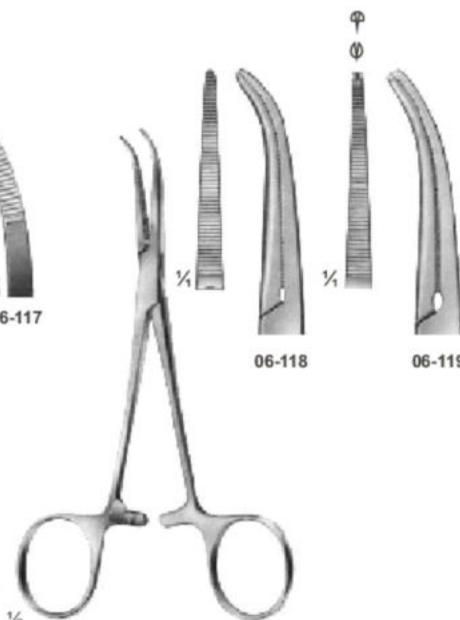
**06-110 - 113**  
HALSTED-MOSQUITO  
125 mm



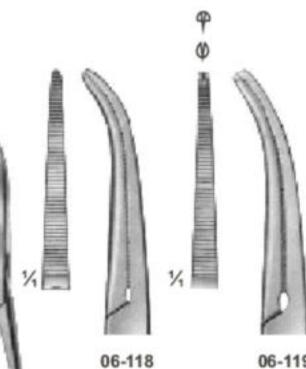
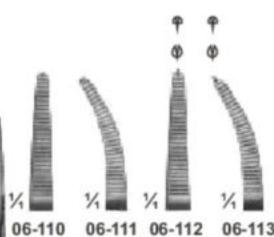
**06-114 - 115**  
PROVIDENCE-HOSPITAL  
140 mm



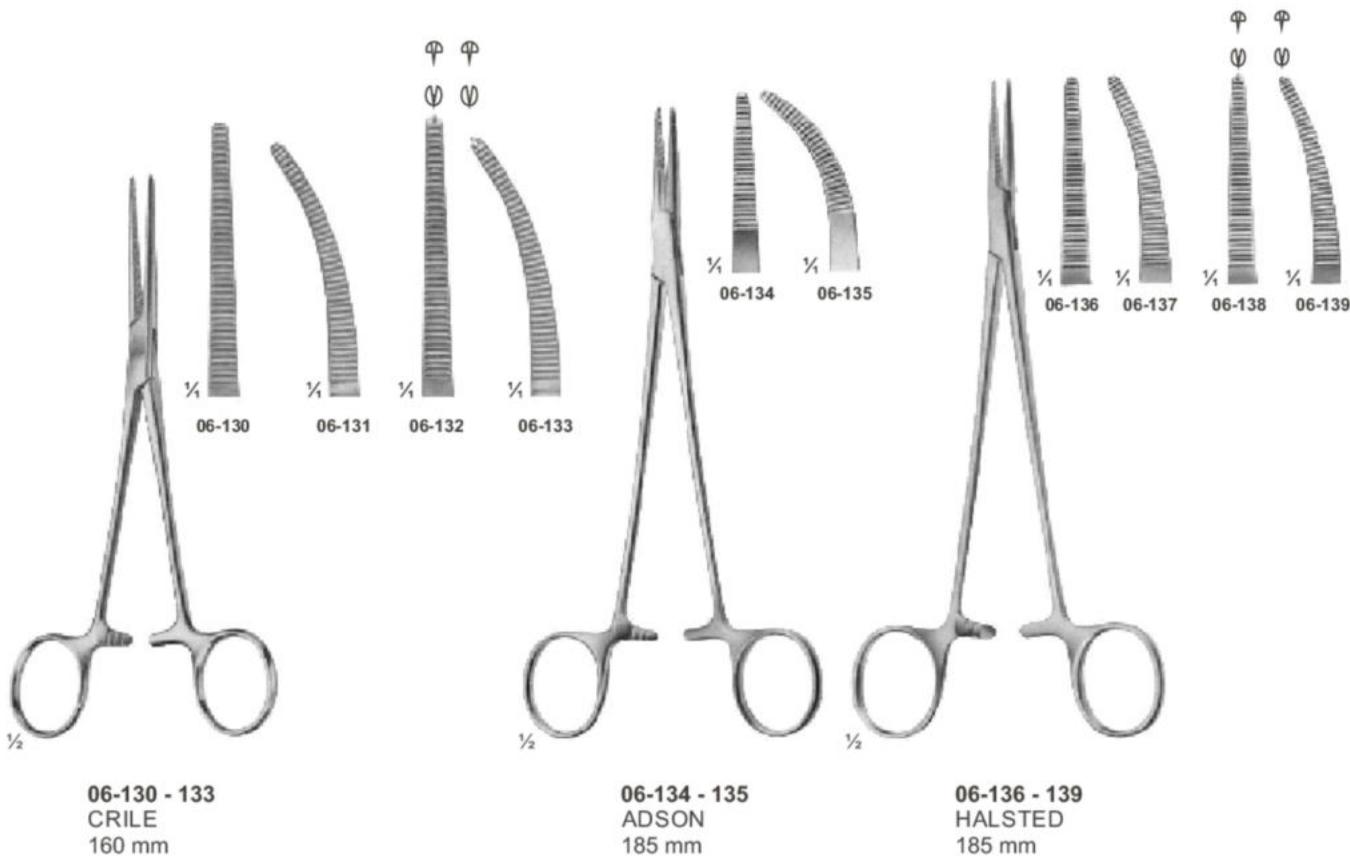
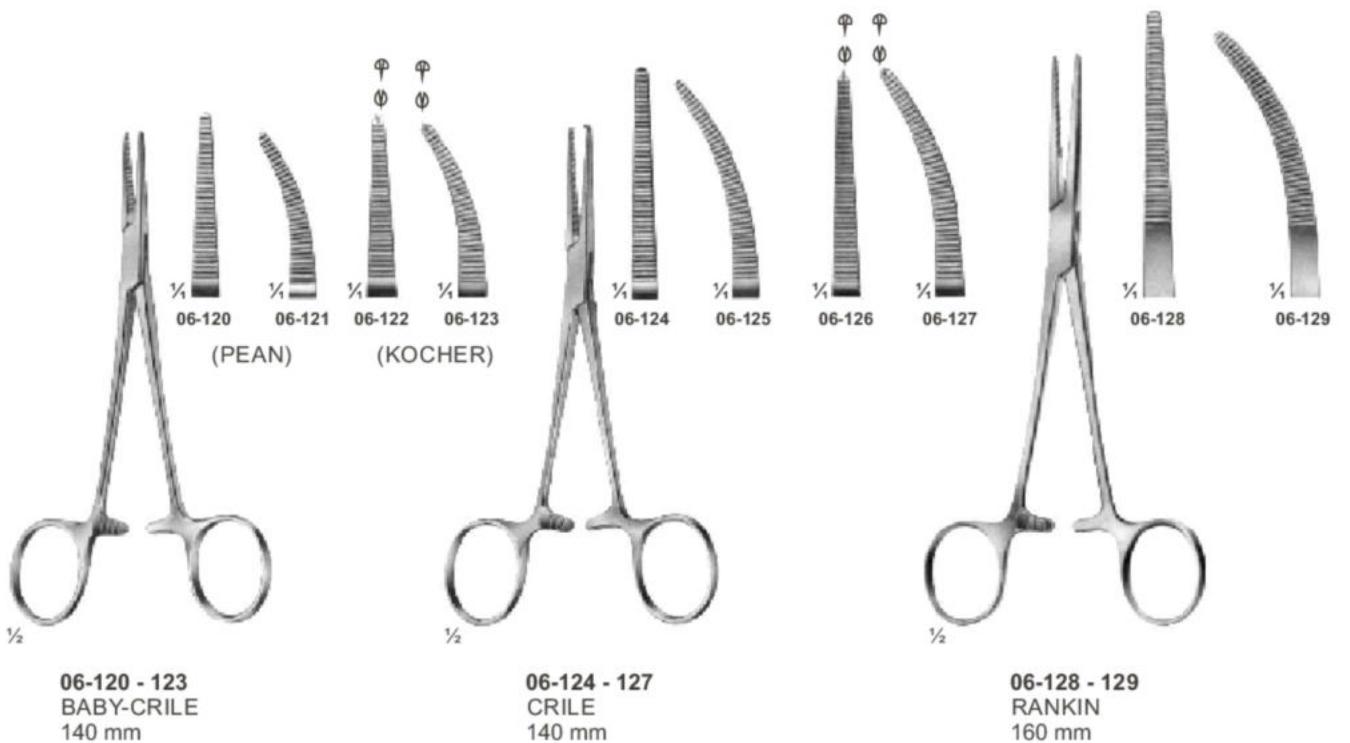
**06-116 - 117**  
KELLY  
140 mm



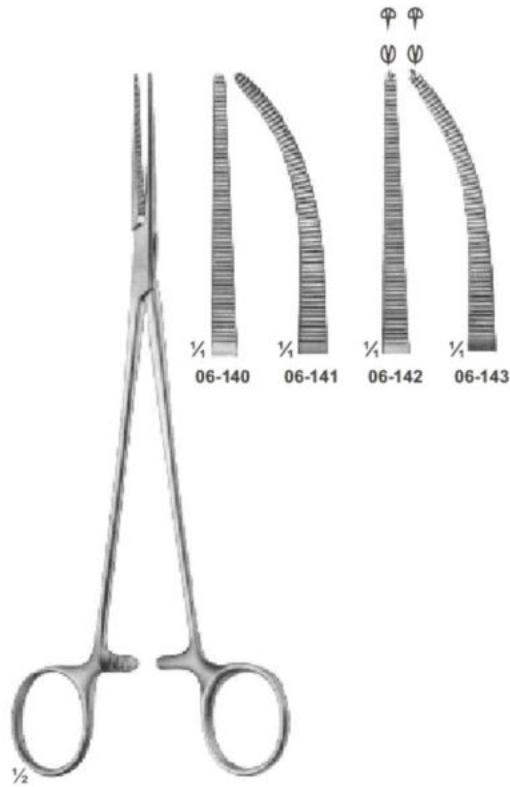
**06-118 - 119**  
DANDY  
Curved sideways  
140 mm



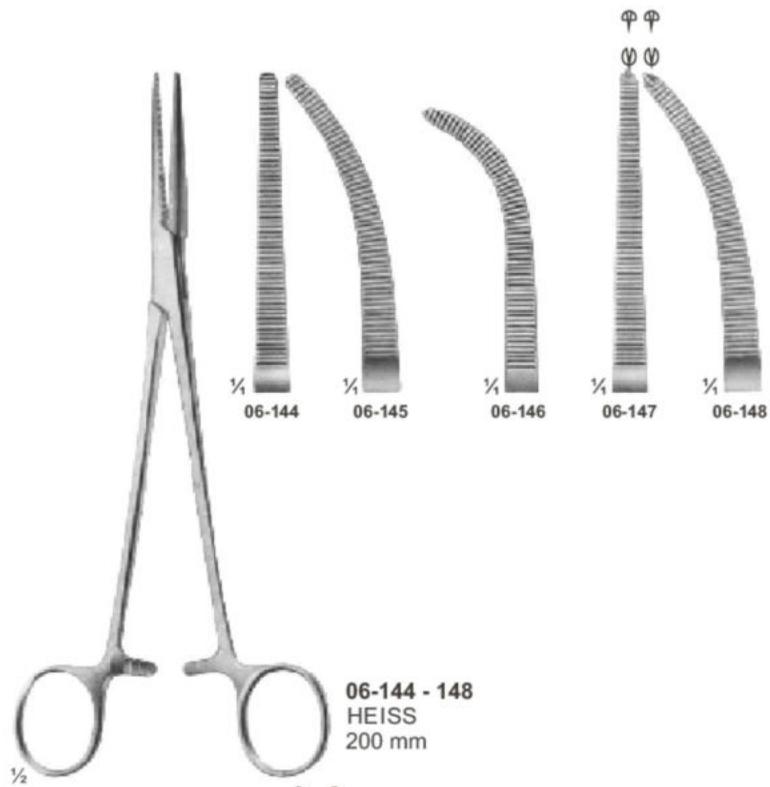
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



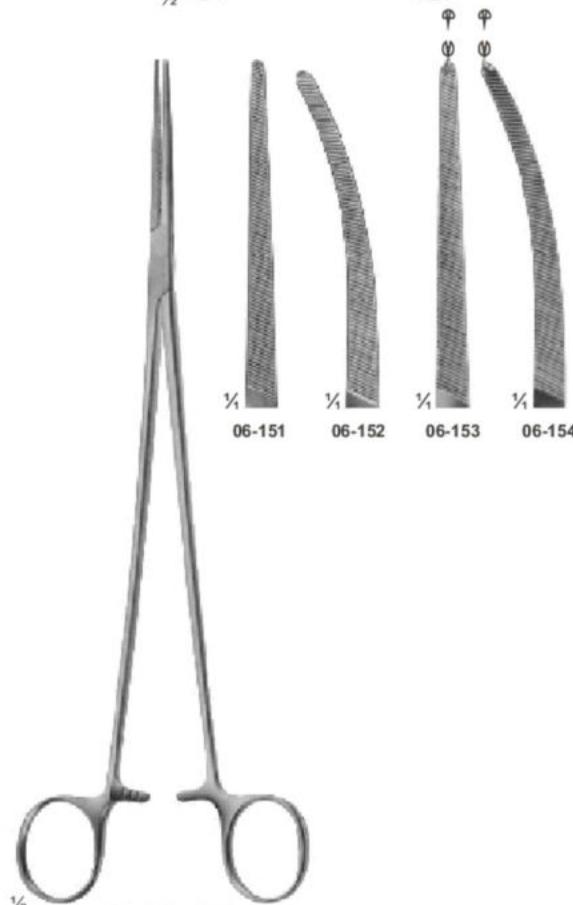
**06-140 - 143**  
HALSTED-MOSQUITO  
200 mm



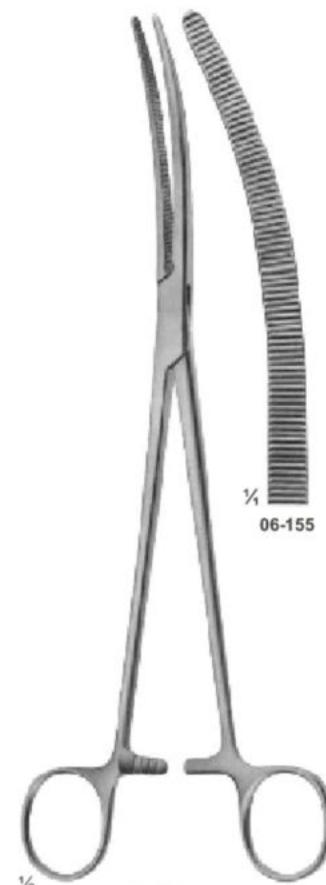
**06-144 - 148**  
HEISS  
200 mm



**06-149 - 150**  
HALSTED  
215 mm



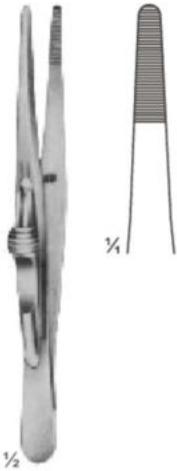
**06-151 - 154**  
BENGOLEA  
245 mm



**06-155**  
CRAFOORD  
245 mm



SURGICAL INSTRUMENTS



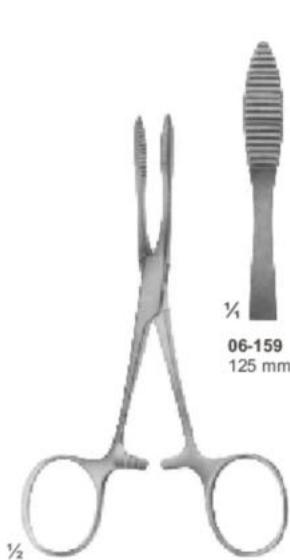
**06-156**  
FRICKE  
Artery forceps  
130 mm



**06-157**  
KRONLEIN  
130 mm



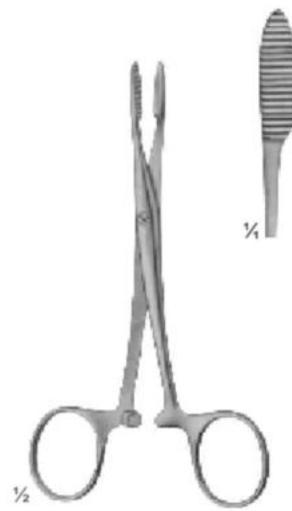
**06-158**  
PEAN  
125 mm



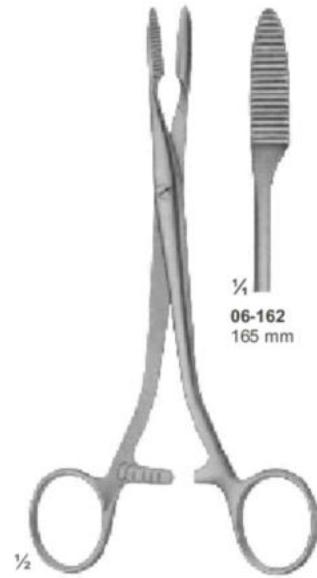
**06-159 - 160**  
PEAN



**06-160**  
140 mm



**06-161**  
PEAN



**06-162 - 163**  
PEAN

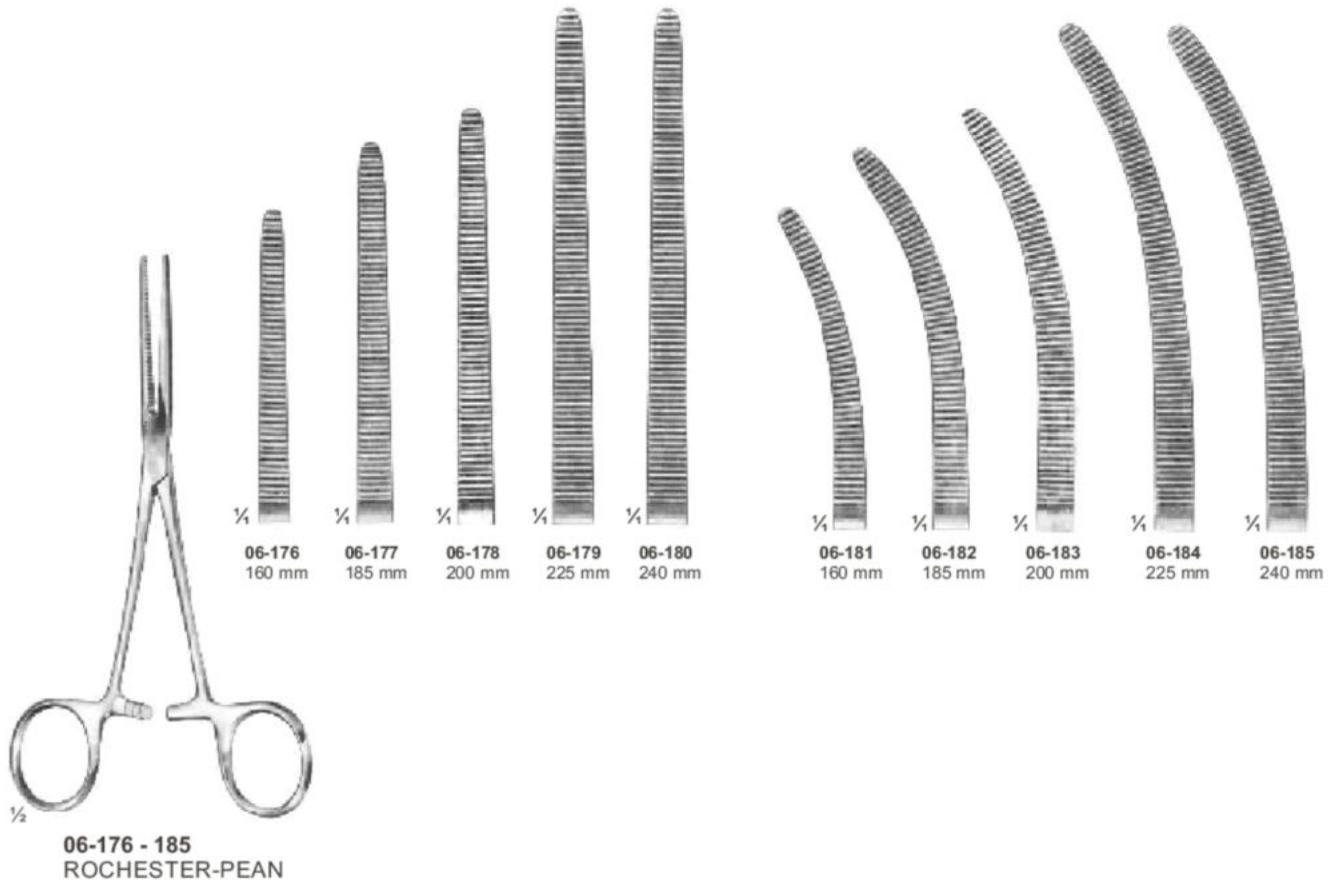
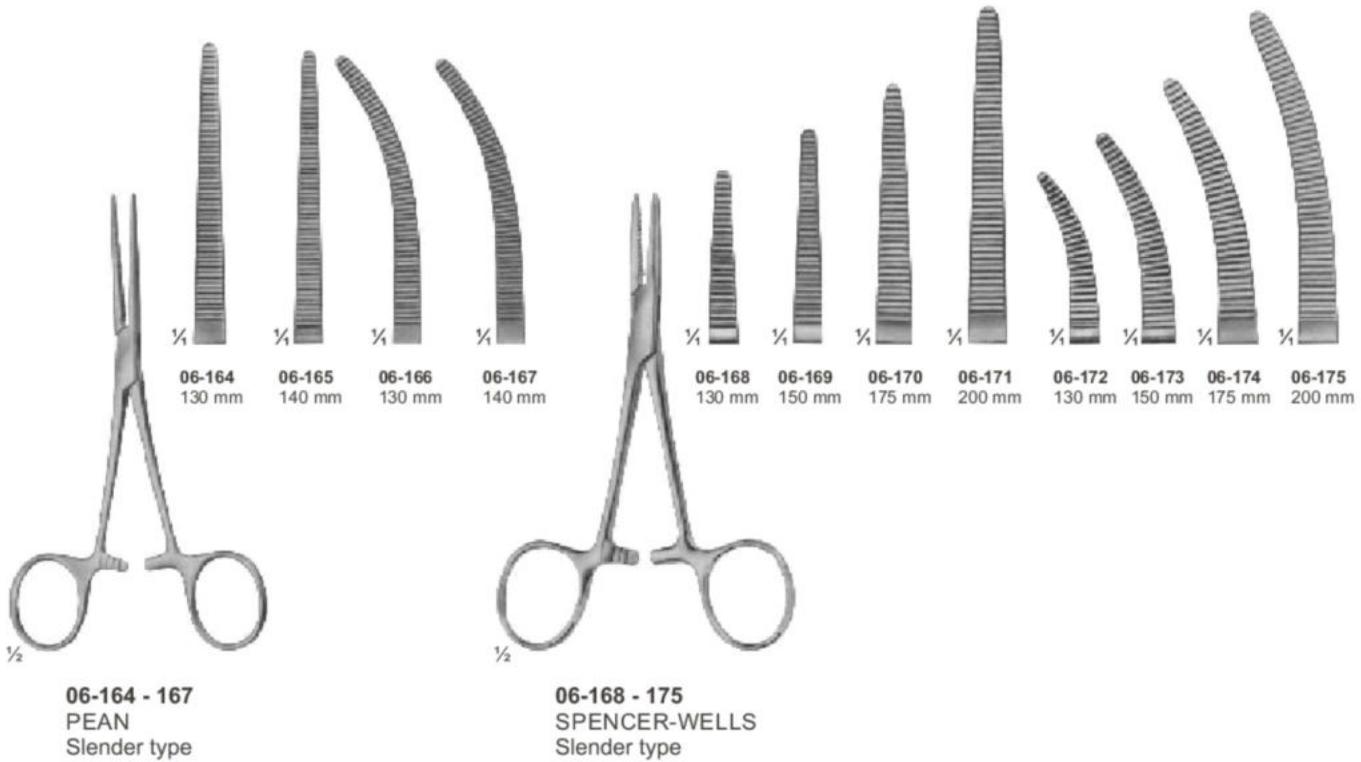


**06-162**  
165 mm



**06-163**  
185 mm

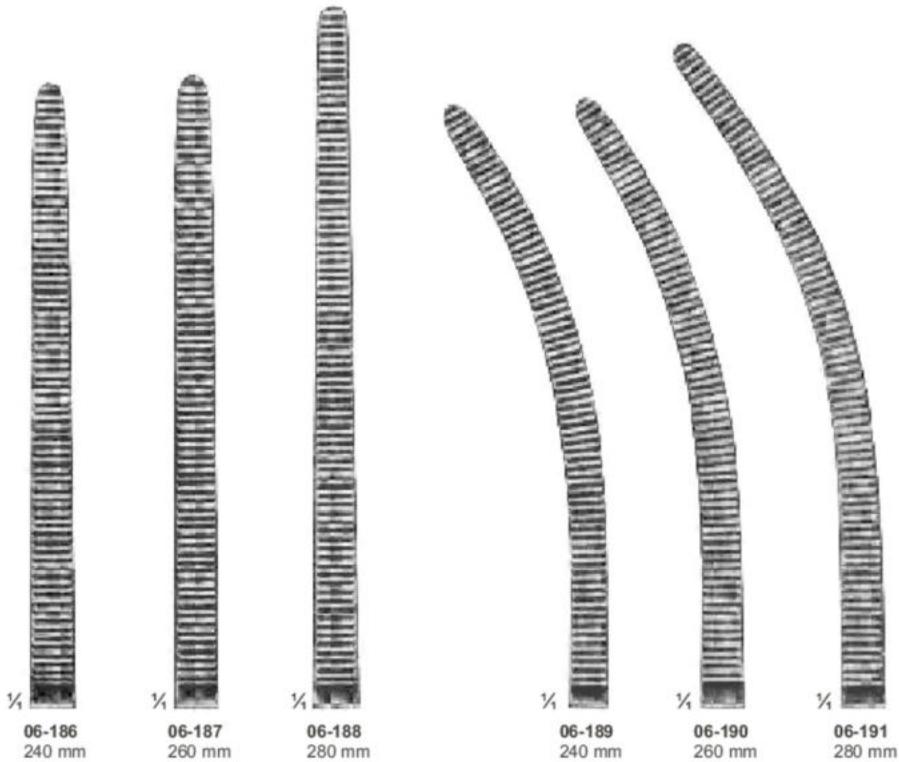
SURGICAL INSTRUMENTS



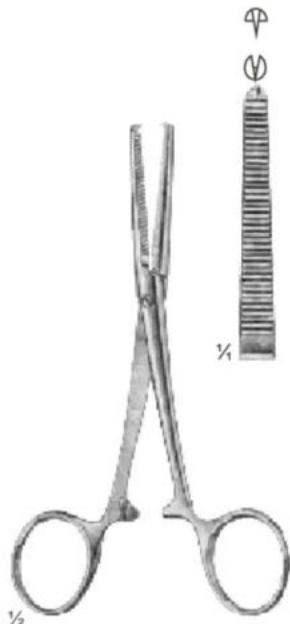
SURGICAL INSTRUMENTS



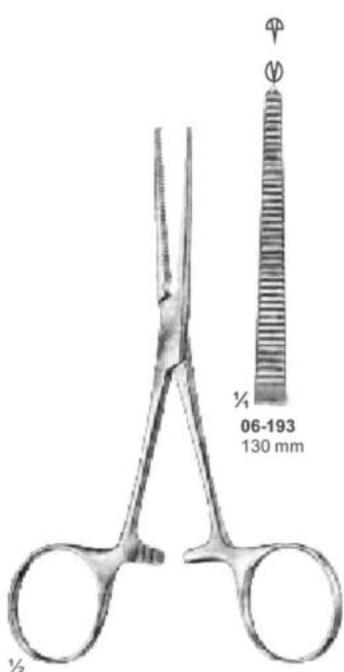
06-186 - 191  
PEAN



¼  
06-186 240 mm    06-187 260 mm    06-188 280 mm    06-189 240 mm    06-190 260 mm    06-191 280 mm



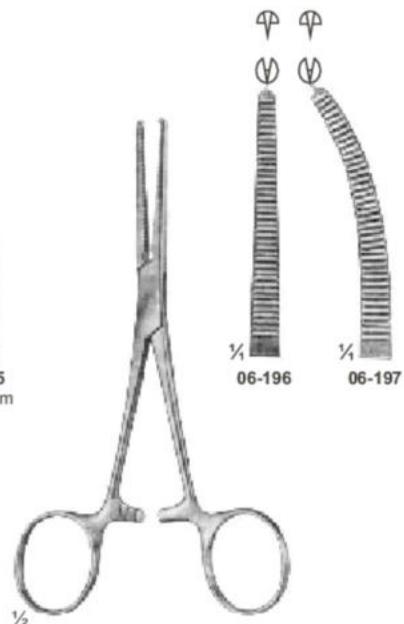
06-192  
KOCHER  
Strong Pattern  
145 mm



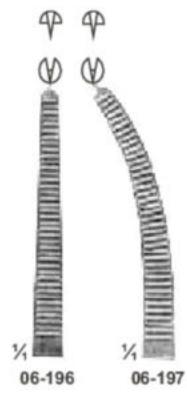
06-193 - 195  
KOCHER



¼  
06-193 130 mm    06-194 140 mm    06-195 140 mm

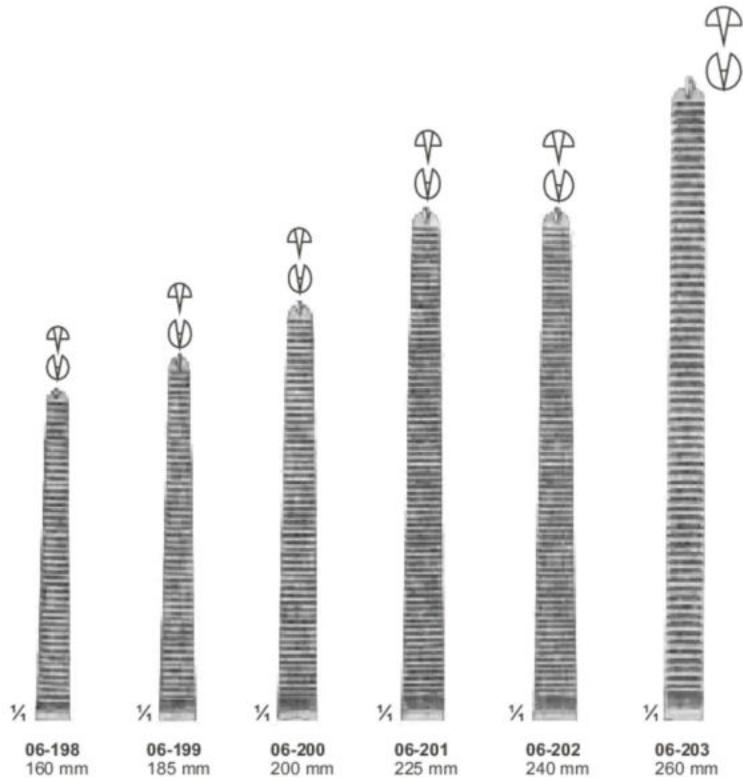


06-196 - 197  
ROCHESTER-OCHSNER  
140 mm

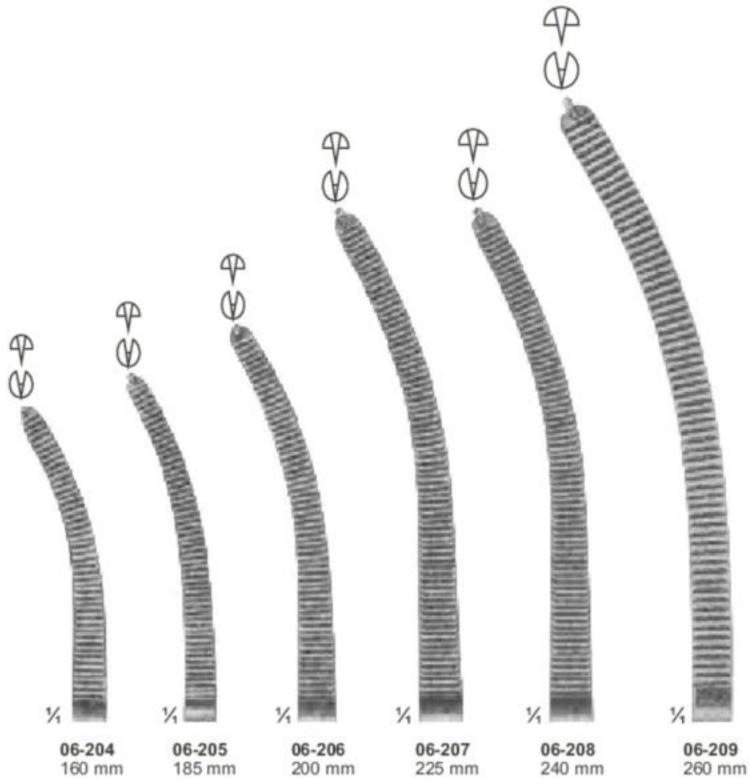


¼  
06-196    06-197

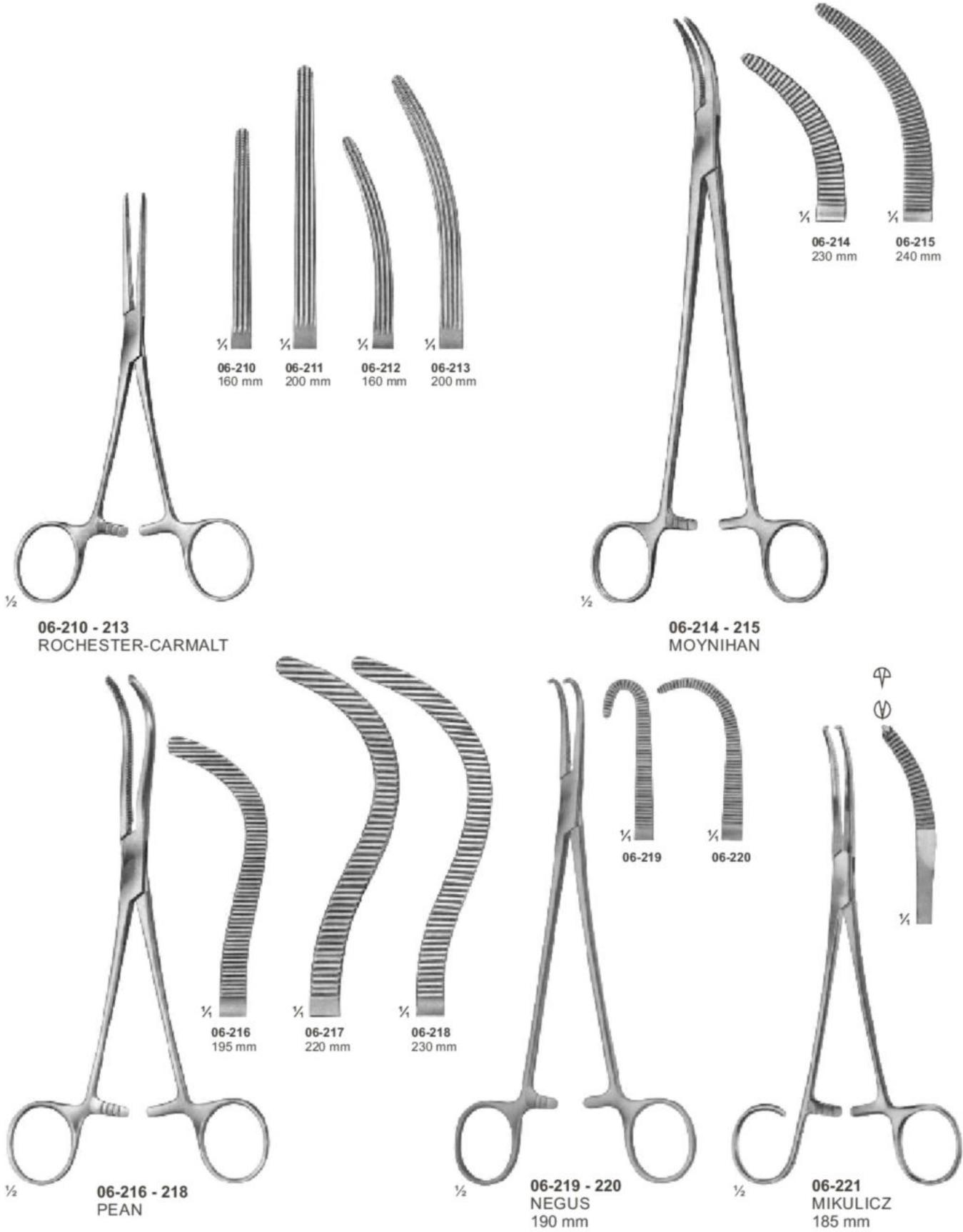
SURGICAL INSTRUMENTS



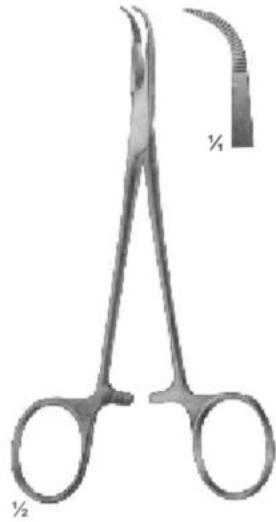
06-198 - 209  
KOCHER-OCHSNER



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



**06-222**  
MICRO-ADSON  
140 mm



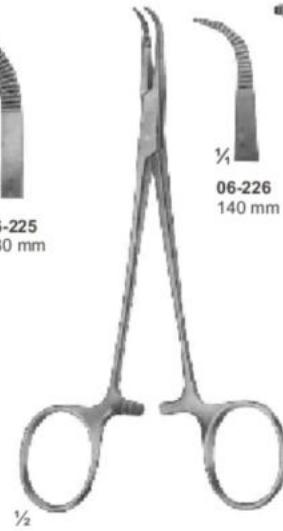
**06-223**  
BABY-OVERHOLT  
135 mm



**06-224 - 225**  
BABY-MIXTER

**06-224**  
140 mm

**06-225**  
180 mm



**06-226 - 227**  
BABY-ADSON

**06-226**  
140 mm

**06-227**  
180 mm



**06-228**  
NISSEN

**06-228**  
185 mm



**06-229 - 230**  
YASARGIL  
195 mm

**06-229**

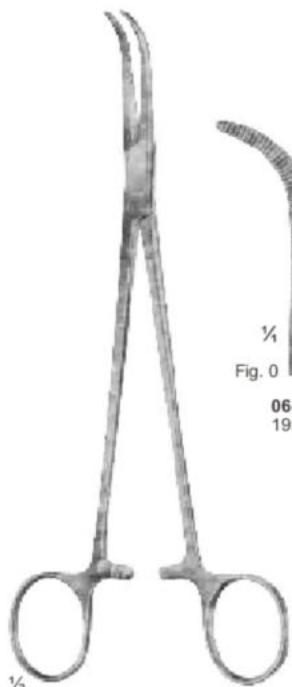
**06-230**



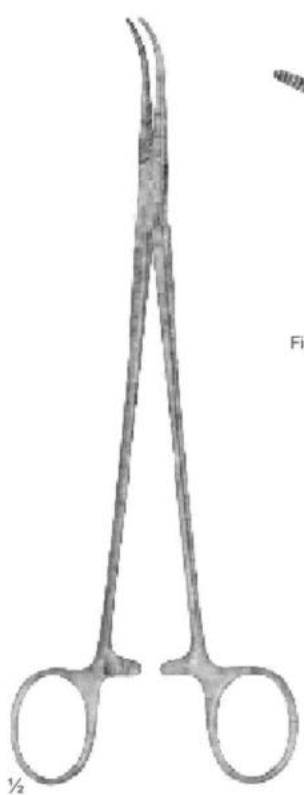
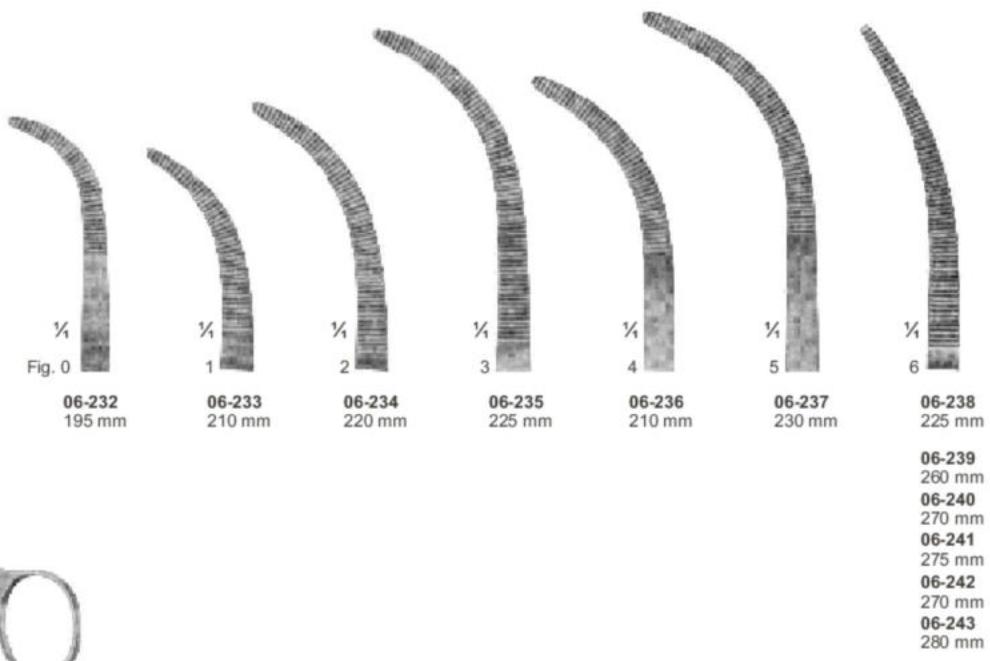
**06-231**  
OVERHOLT-MIXTER

**06-231**  
205 mm

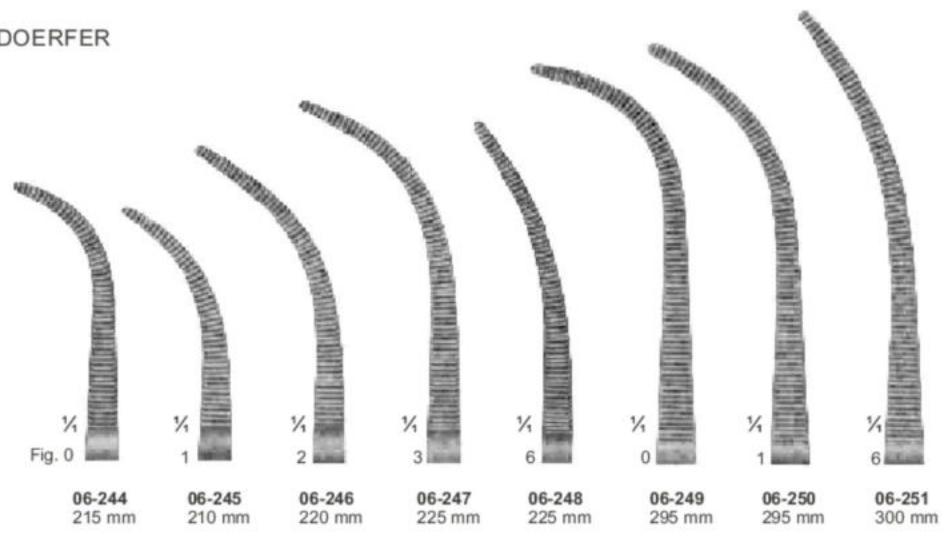
SURGICAL INSTRUMENTS



06-232 - 243  
OVERHOLT-GEISSENDOERFER



06-244 - 251  
OVERHOLT  
fine pattern



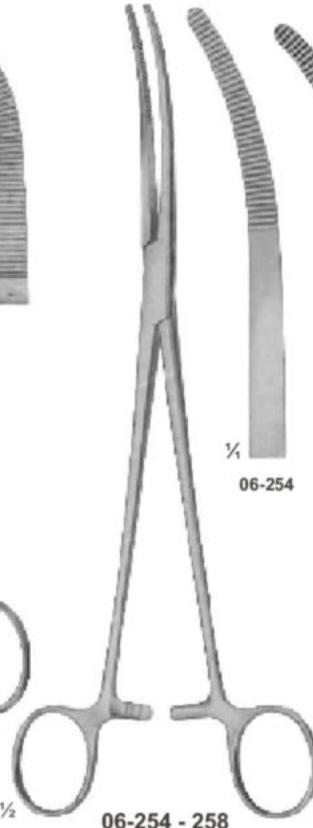
SURGICAL INSTRUMENTS



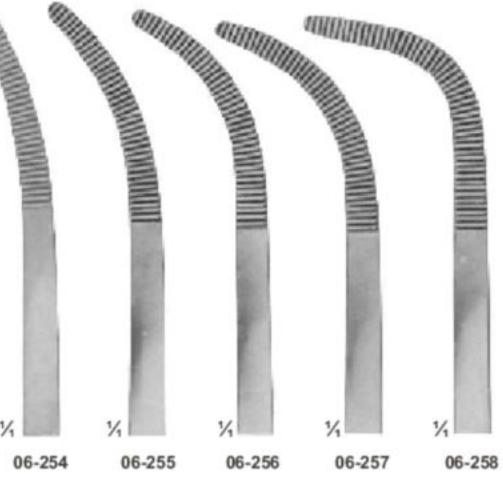
**06-252**  
MIXTER-O'SHAUGNESSY  
190 mm



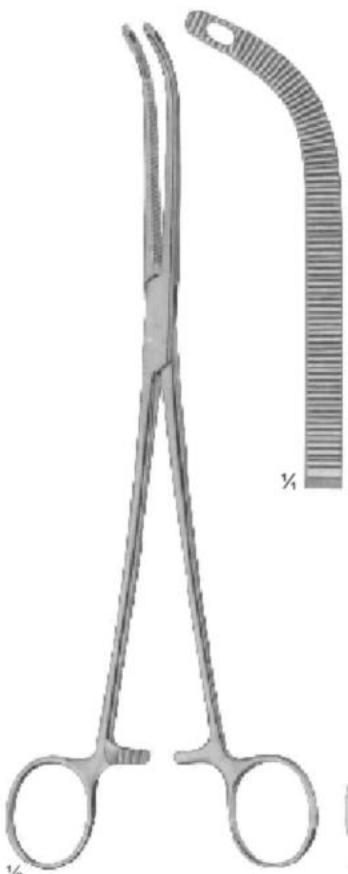
**06-253**  
HEISS  
195 mm



**06-254 - 258**  
RUMEL  
240 mm



**06-254**   **06-255**   **06-256**   **06-257**   **06-258**



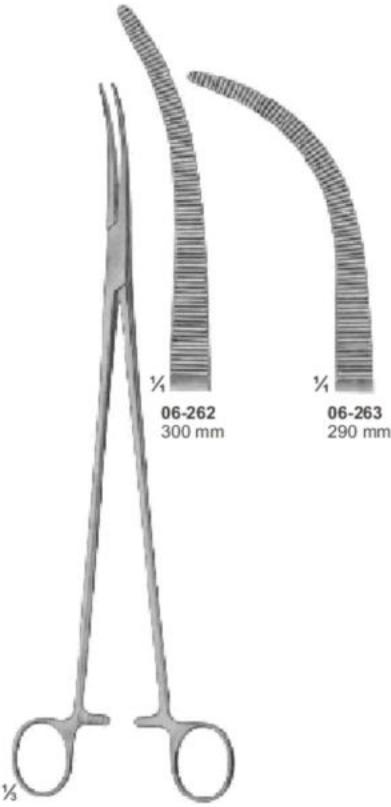
**06-259**  
FINOCHIETTO  
245 mm



**06-260**  
MIXTER  
230 mm



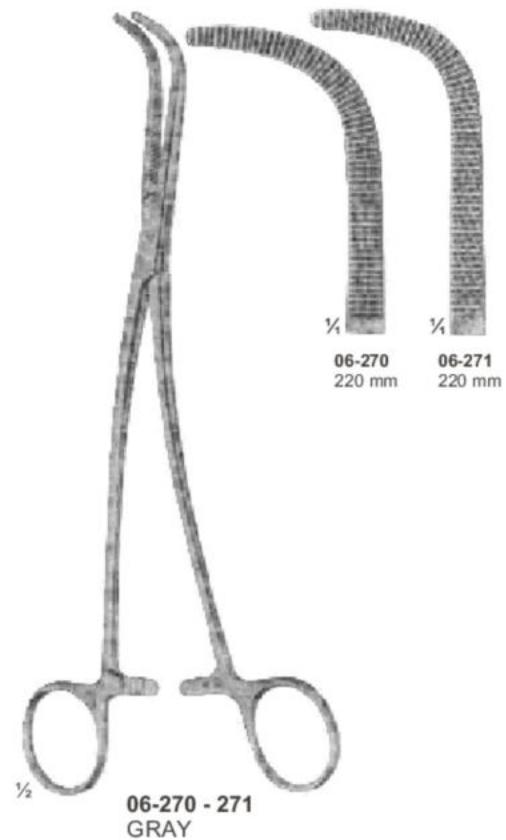
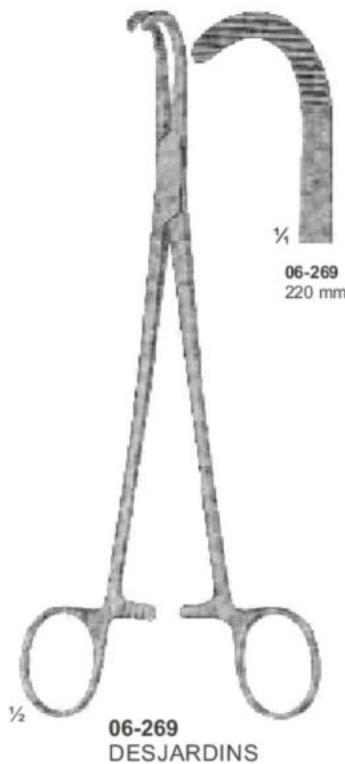
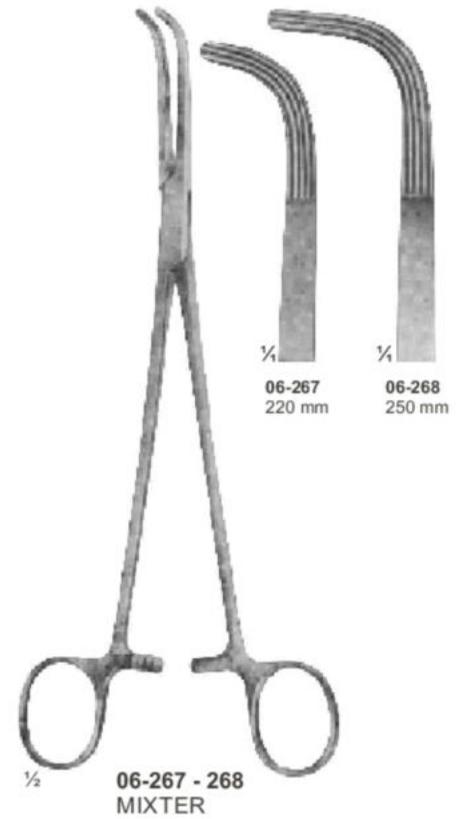
**06-261**  
LAWRENCE  
270 mm



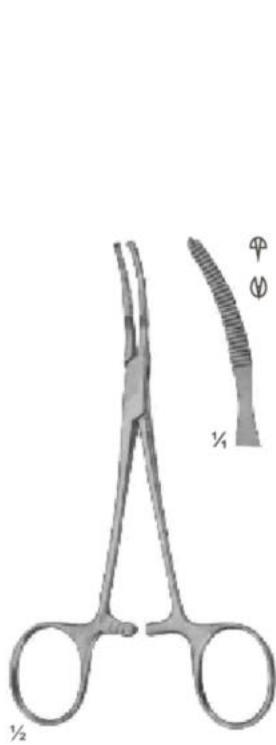
**06-262 - 263**  
ZENKER

**06-262** 300 mm   **06-263** 290 mm

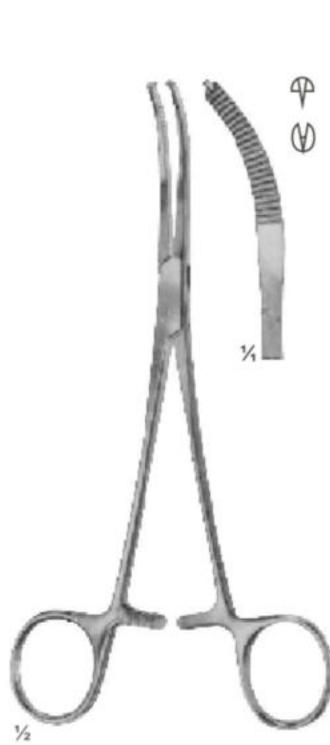
SURGICAL INSTRUMENTS



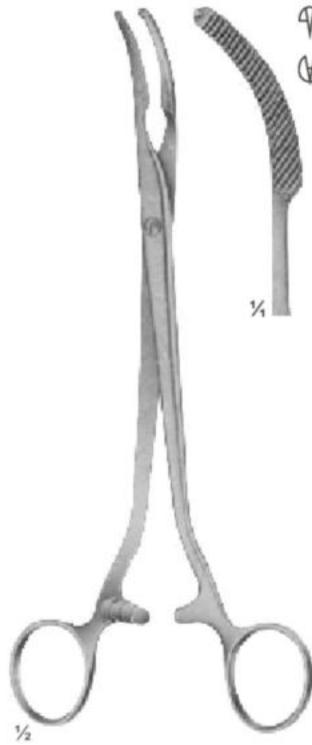
SURGICAL INSTRUMENTS



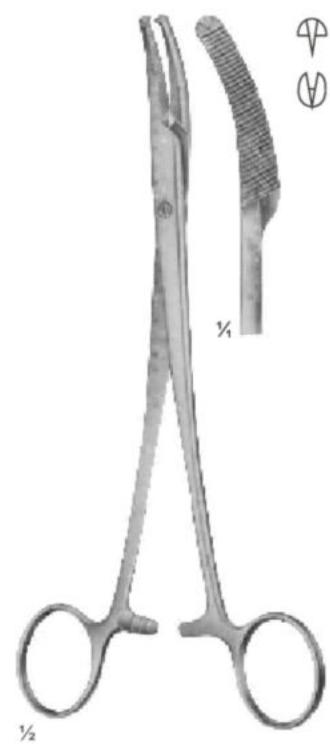
**06-272**  
BABY-MIKULICZ  
140 mm



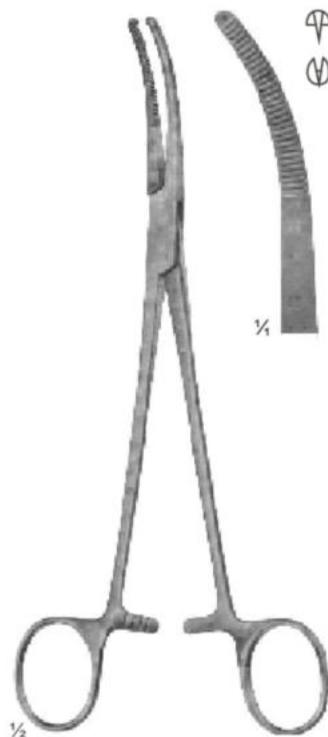
**06-273**  
MIKULICZ  
185 mm



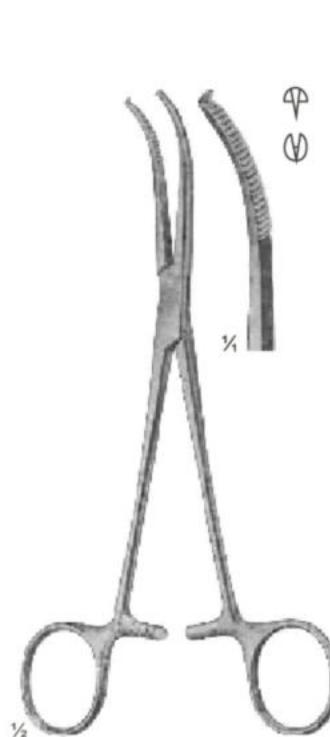
**06-274**  
MIKULICZ  
205 mm



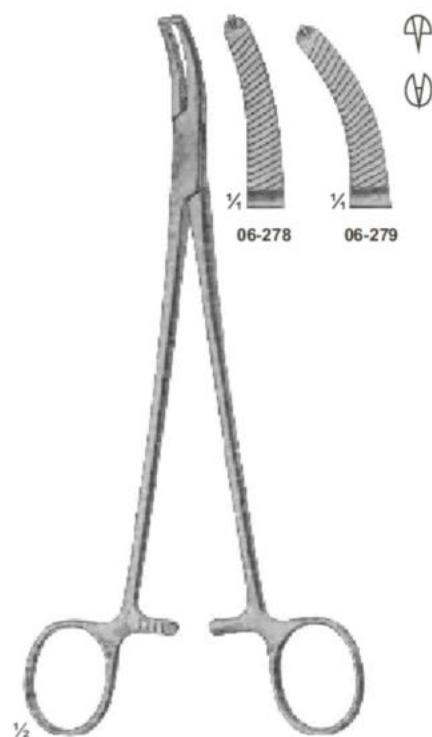
**06-275**  
MIKULICZ  
200 mm



**06-276**  
MIKULICZ  
205 mm

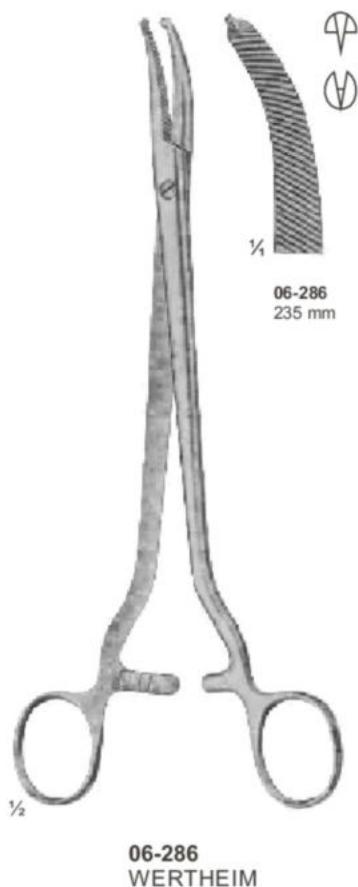
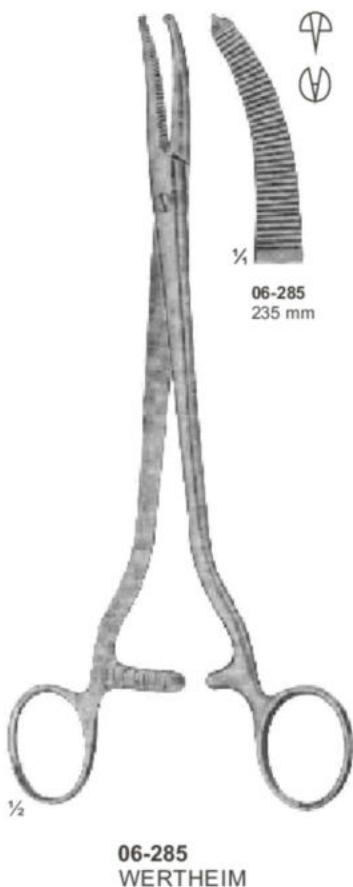
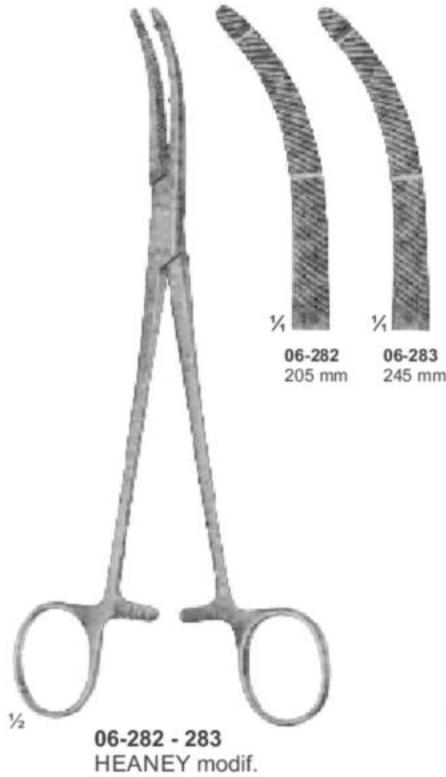
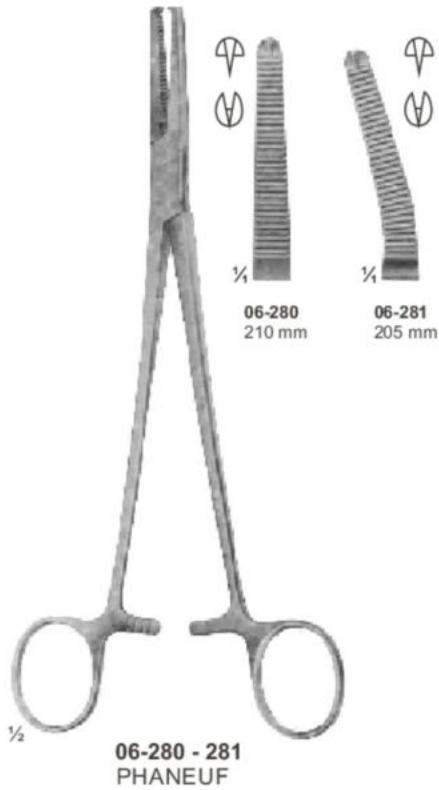


**06-277**  
MIKULICZ  
185 mm



**06-278 - 279**  
FAURE  
205 mm

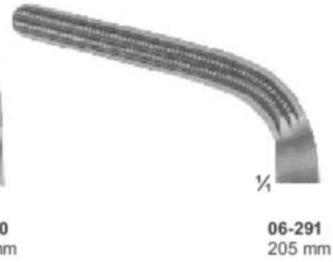
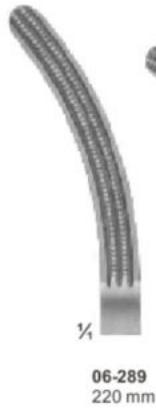
SURGICAL INSTRUMENTS



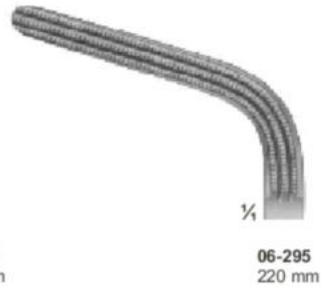
SURGICAL INSTRUMENTS



06-288 - 291  
HEANEY



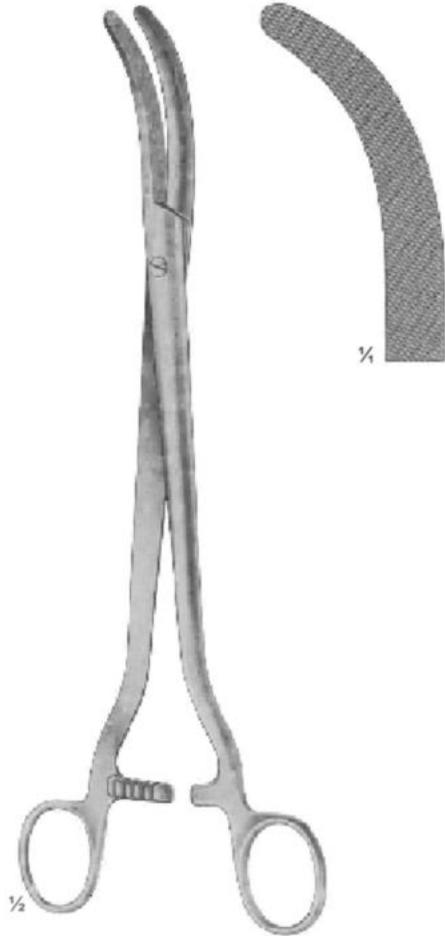
06-292 - 295  
WERTHEIM  
Parametrium clamps



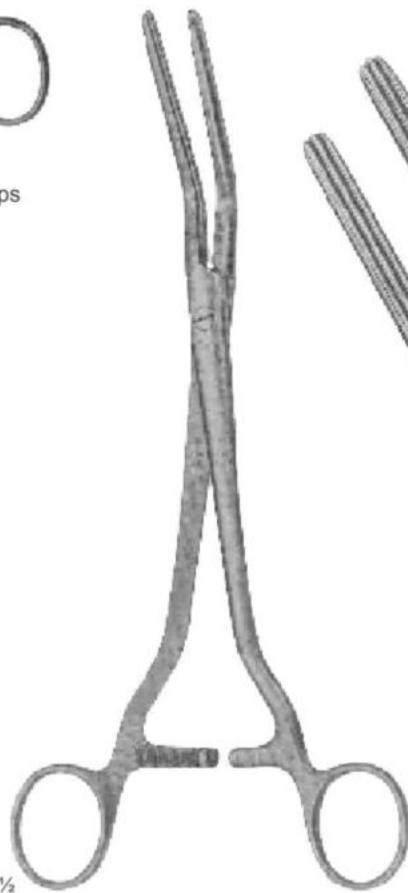
SURGICAL INSTRUMENTS



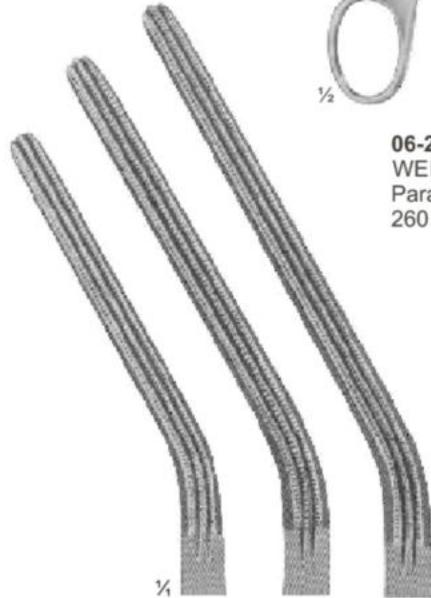
06-296  
WERTHEIM  
Hysterectomy Forceps  
255 mm



06-297  
WERTHEIM  
Parametrium Clamp  
260 mm



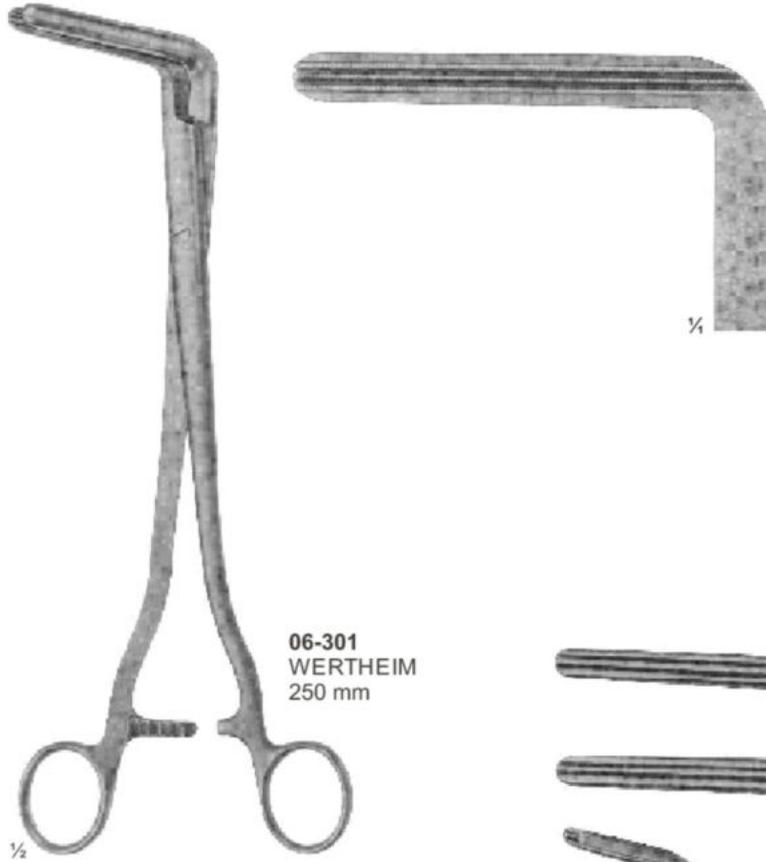
06-298 - 300  
DICK



06-298 255 mm    06-299 265 mm    06-300 275 mm



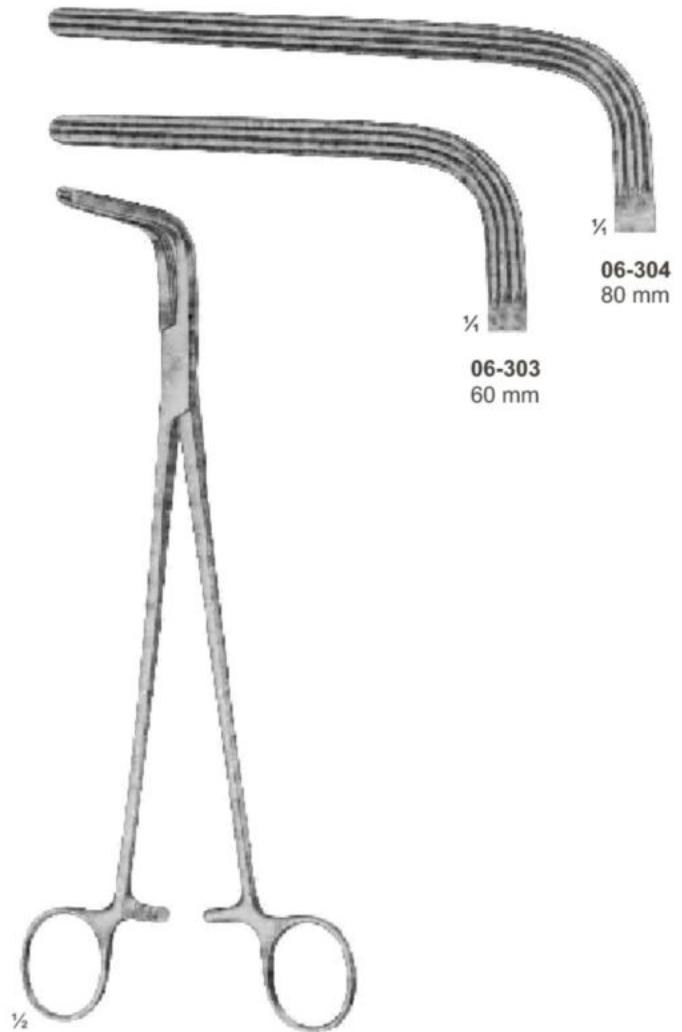
SURGICAL INSTRUMENTS



06-301  
WERTHEIM  
250 mm



06-302  
WERTHEIM-CULLEN



06-303 - 304  
230 mm

06-304  
80 mm

06-303  
60 mm



SURGICAL INSTRUMENTS



**07-101**  
ROHRSCHEIDER  
With copper inserts  
100 mm



**07-102**  
KALT  
With catch  
135 mm



**07-103**  
ARRUGA  
With catch  
135 mm



**07-104 - 105**  
CASTROVIEJO  
With catch  
145 mm



**07-106 - 107**  
CASTROVIEJO  
With Catch  
160 mm



**07-108 - 109**  
Without catch  
185 mm



**07-110 - 111**  
JACOBSON  
With catch  
185 mm



**07-112**  
Without catch  
195 mm



**07-113 - 114**  
YASARGIL  
With catch  
200 mm

SURGICAL INSTRUMENTS



**07-115 116**  
BARRAQUER  
Without catch



**07-117 - 118**  
BARRAQUER  
Without catch  
120 mm



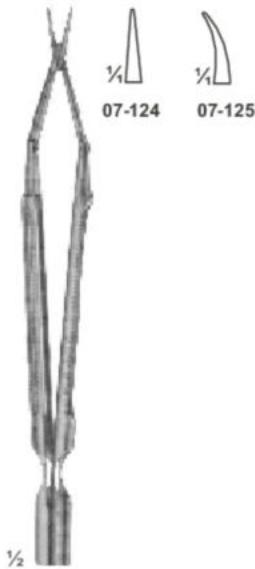
**07-119 - 120**  
BARRAQUER  
With catch  
120 mm



**07-121 - 122**  
BARRAQUER  
With Catch  
150 mm



**07-123**  
MULLER  
With Locking  
Mechanism  
145 mm



**07-124 - 125**  
BROCK  
Without catch  
150 mm



**07-126 - 127**  
YASARGIL  
200 mm



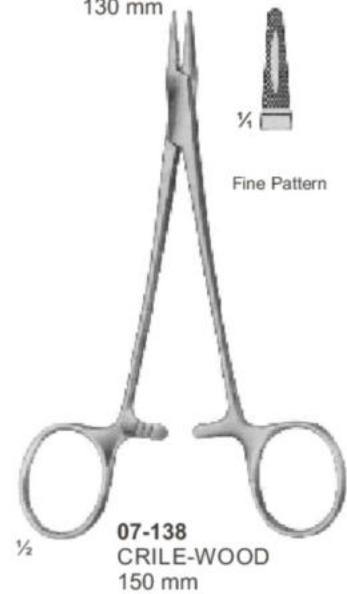
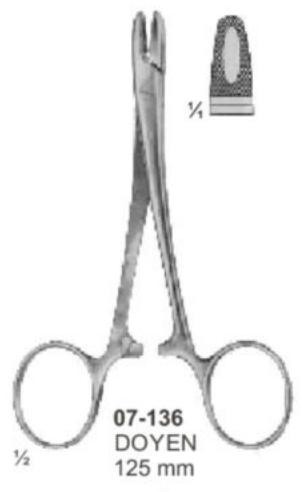
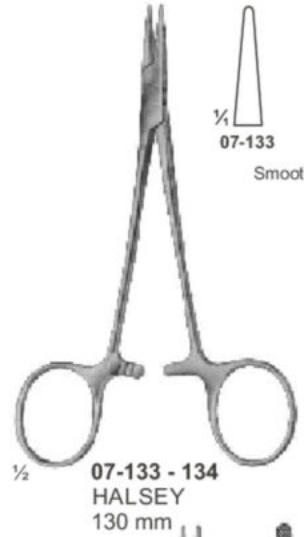
**07-128 - 129**  
YASARGIL  
225 mm



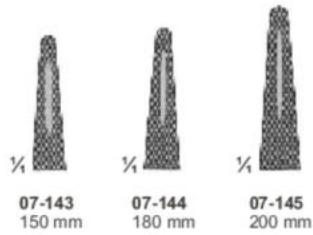
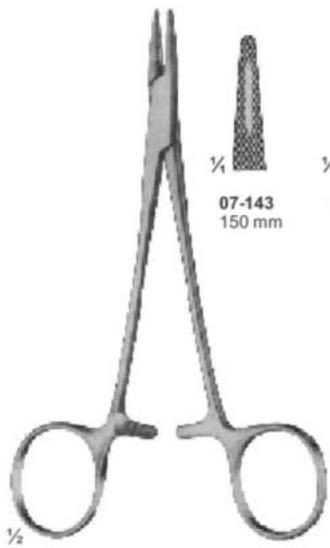
**07-130**  
YASARGIL  
245 mm



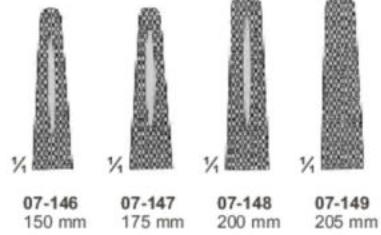
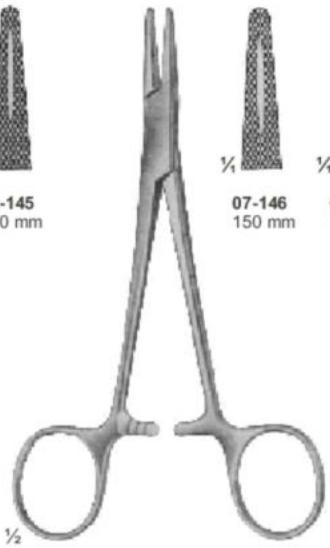
SURGICAL INSTRUMENTS



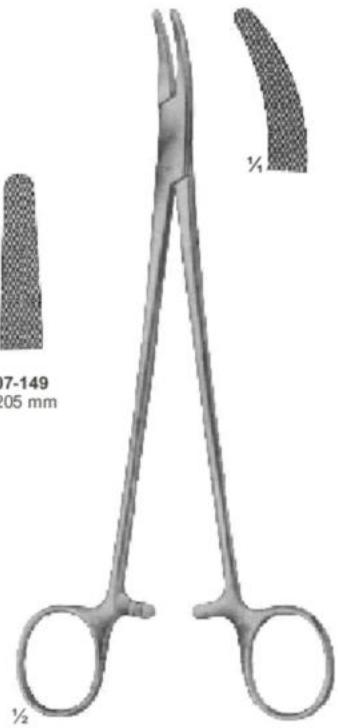
SURGICAL INSTRUMENTS



**07-143 - 145**  
MAYO-HEGAR  
Medium fine patterns



**07-146 - 149**  
HEGAR  
Heavy Patterns



**07-150**  
HEANEY (HEGAR)  
200 mm



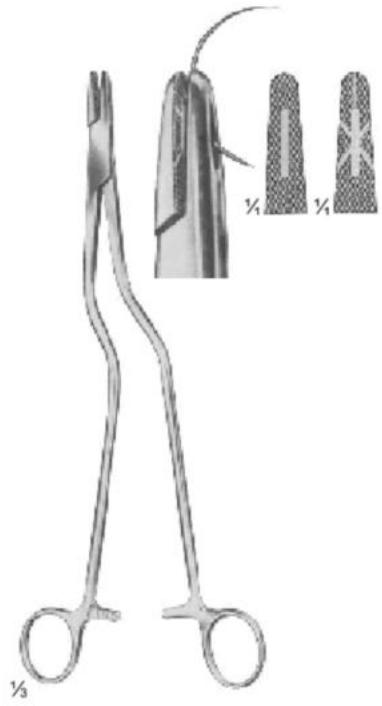
**07-151**  
JAMESON  
230 mm



**07-152**  
WANGENSTEEN  
275 mm

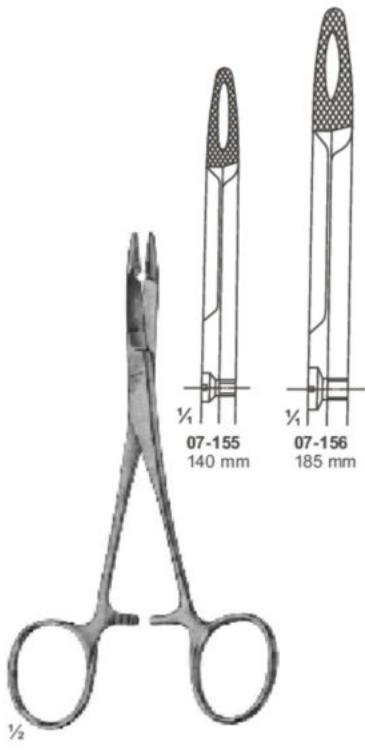


**07-153**  
MASSON  
265 mm

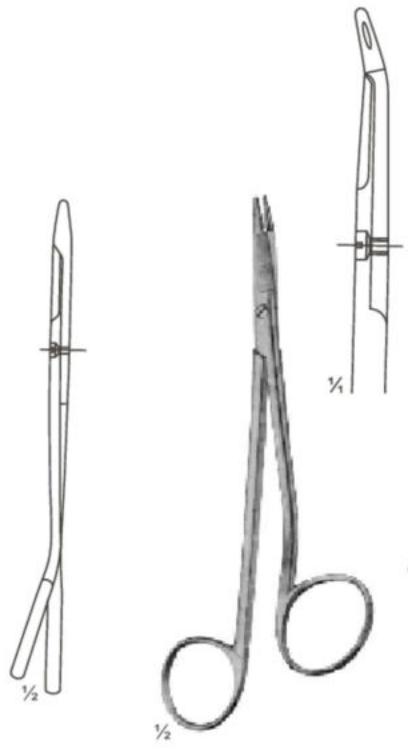


**07-154**  
MASSON-LUETHY  
255 mm

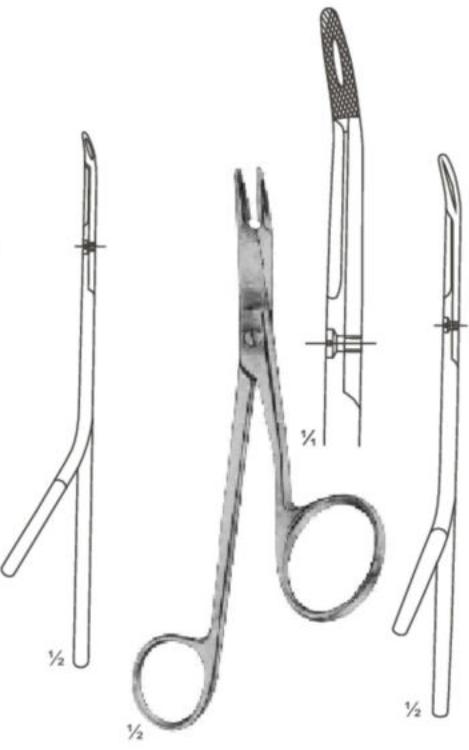
SURGICAL INSTRUMENTS



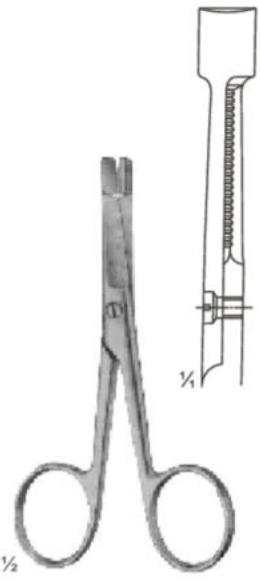
**07-155 - 156**  
HEGAR-OLSEN  
255 mm



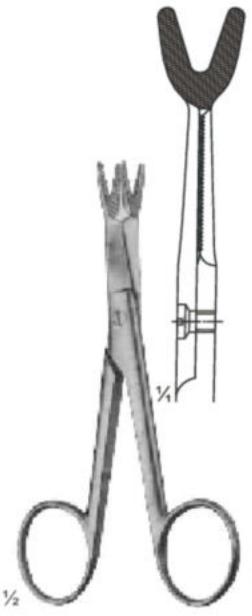
**07-157**  
GILLIES  
150 mm



**07-158**  
GILLIES  
160 mm



**07-159**  
EISELSBERG  
115 mm



**07-160**  
SCHOEMAKER-LOTH  
125 mm

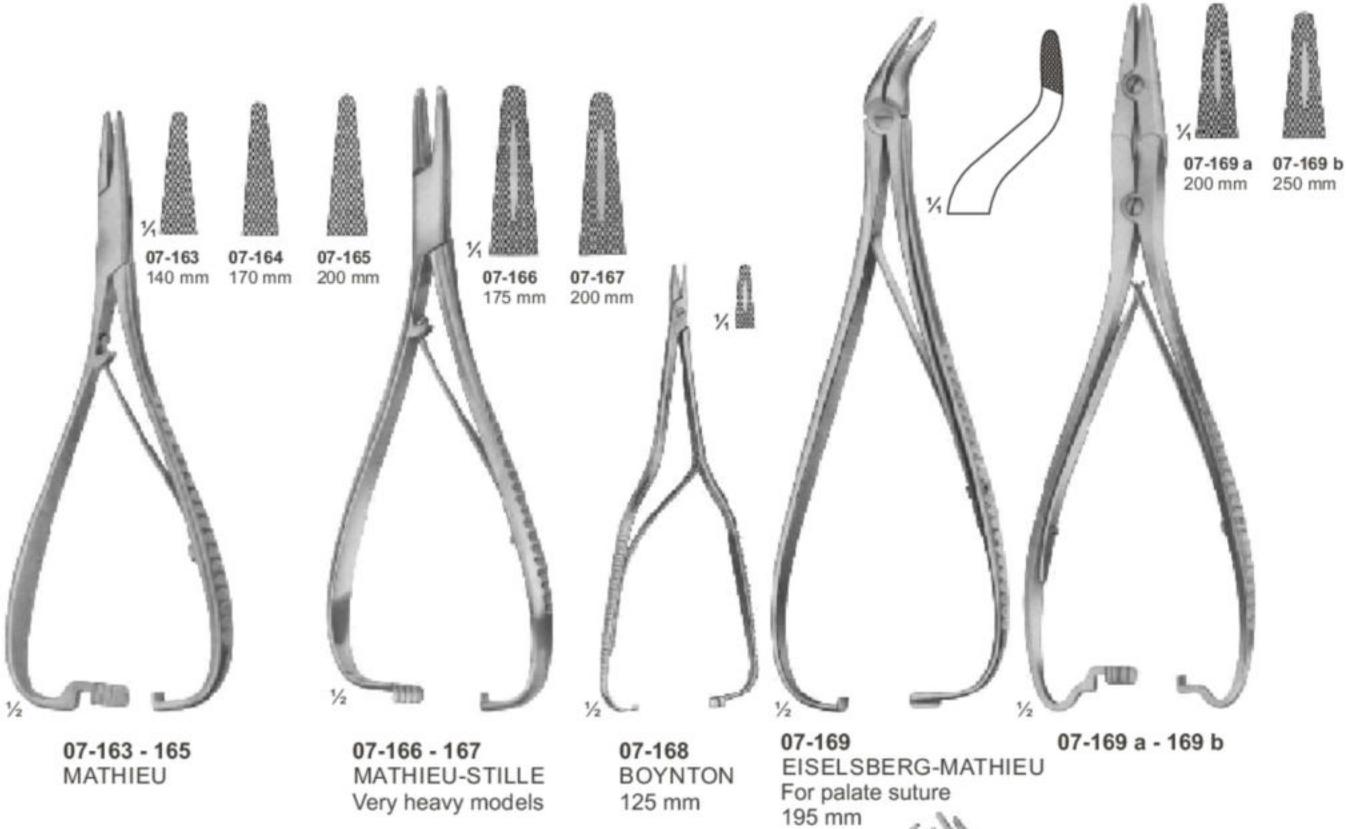


**07-161**  
CRILE  
150 mm



**07-162**  
TONNIS  
Elastic pattern for  
dura-or intestinal suture  
180 mm

SURGICAL INSTRUMENTS



07-163 - 165  
MATHIEU

07-166 - 167  
MATHIEU-STILLE  
Very heavy models

07-168  
BOYNTON

07-169  
EISELSBERG-MATHIEU  
For palate suture

07-169 a - 169 b



07-170

07-171

07-172



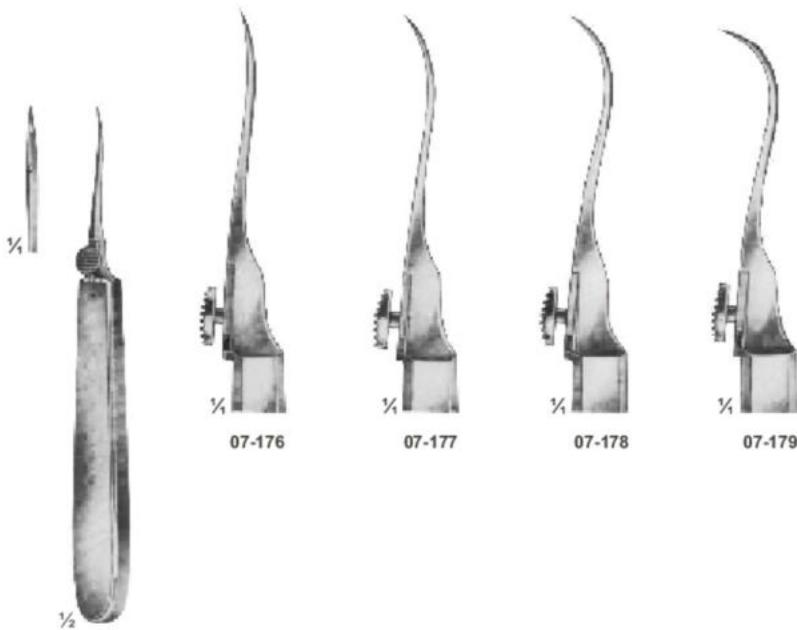
07-173 With 1 needle  
240 mm

07-174 With 1 needle  
200 mm



07-175  
MILLIN  
Ligature holding forceps  
245 mm

SURGICAL INSTRUMENTS



07-176

07-177

07-178

07-179

07-176 - 179  
REVERDIN  
140 mm



07-180

07-181

07-182

07-183

07-185

07-186

07-187

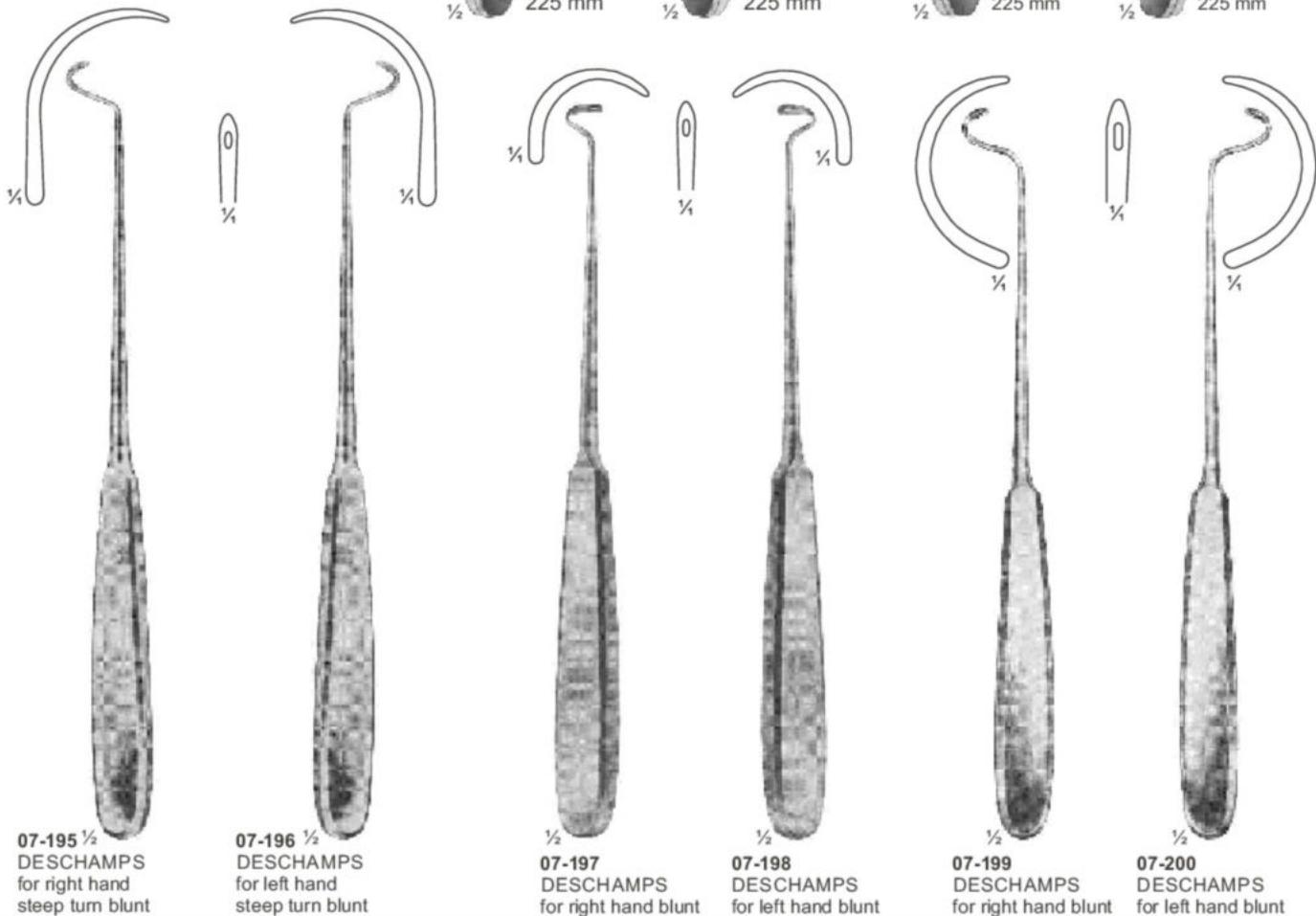
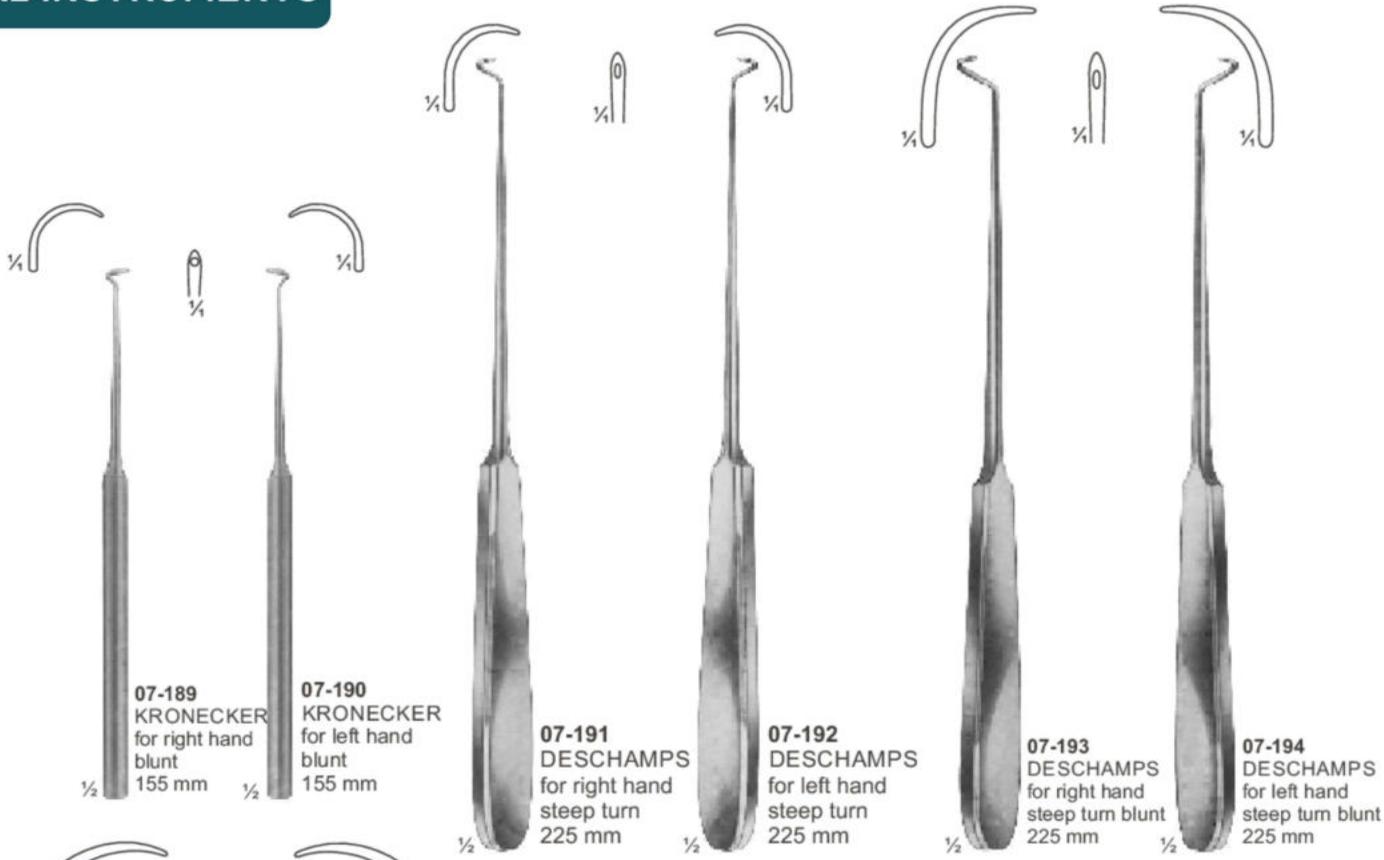
07-188

07-180 - 183  
REVERDIN

07-184 - 188  
REVERDIN



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



1/2  
**07-201**  
HURD  
for right hand  
sharp  
210 mm



1/2  
**07-202**  
HURD  
for left hand  
sharp  
210 mm



1/2  
**07-203**  
DESCHAMPS  
for right hand  
sharp  
215 mm



1/2  
**07-204**  
DESCHAMPS  
for left hand  
sharp  
215 mm



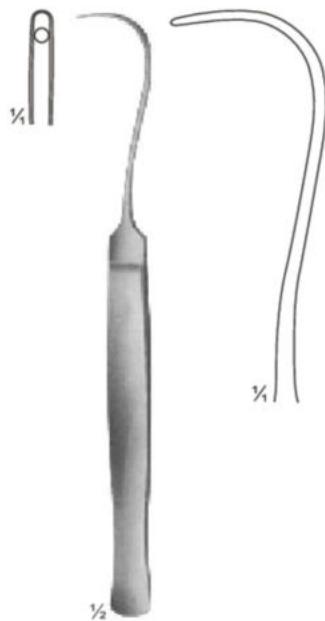
1/2  
**07-205**  
JONESCO  
Needle for wire suture  
185 mm



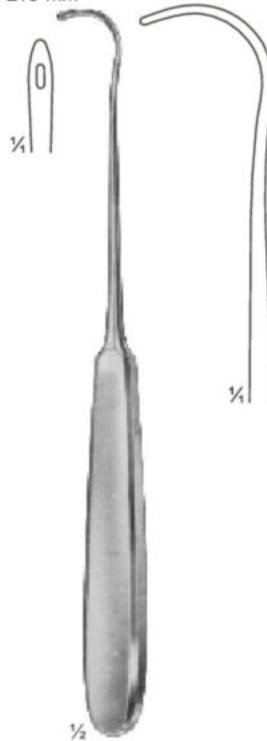
1/2  
**07-206**  
CLAUS VAN EICKEN  
Needle for wire suture  
250 mm



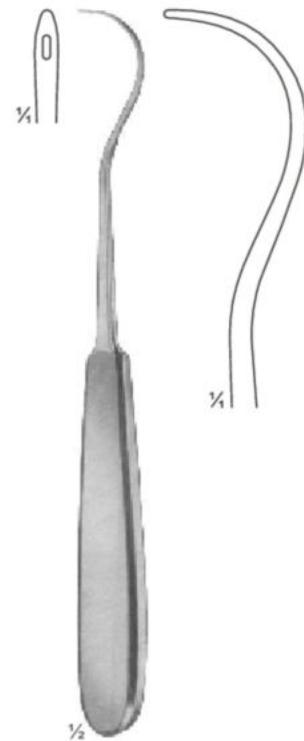
1/2  
**07-207**  
150 mm



1/2  
**07-208**  
SYME  
170 mm



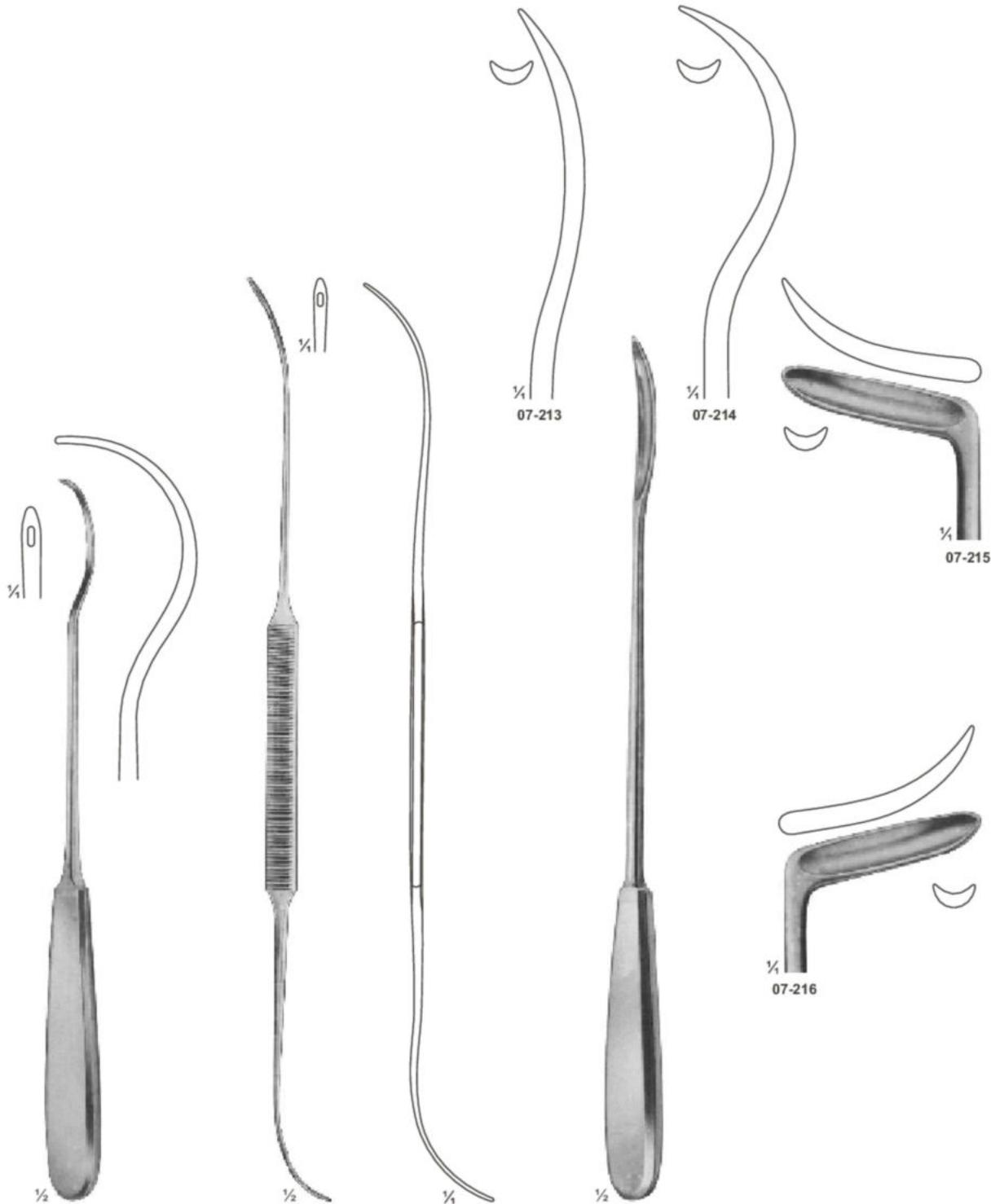
1/2  
**07-209**  
COOPER  
205 mm



1/2  
**07-210**  
KOCHER  
205 mm



SURGICAL INSTRUMENTS



07-211  
BRUNNER  
240 mm

07-212  
SCHMIEDEN-DICK  
320 mm

07-213 - 216  
BRUNNER  
Guiding Probes  
300 mm

07-215

07-216





SURGICAL INSTRUMENTS



07-242 2,5 mm  
07-243 2,5 mm  
07-244 3,0 mm

07-242 145 mm  
07-243 160 mm  
07-244 200 mm  
Probes with eye



1,5 mm

07-245 Myrtle leaf probe  
145 mm



2,0 mm

07-246 130 mm  
07-247 145 mm  
07-248 160 mm  
07-249 180 mm  
07-250 200 mm



07-251 Probes



07-252 Double ended probe, malleable, diam. of tips 3 mm with hole  
190 mm



07-253 Double ended probes, tin, malleable, diam. of tips 3,5 mm with hole



07-254 Double ended probes, tin, malleable, diam. of tips 4 mm  
400 mm



07-255 1,5 mm  
07-256 2,0 mm  
07-257 2,5 mm  
300 mm



SURGICAL INSTRUMENTS



07-242  
2,5 mm  
07-243  
2,5 mm  
07-244  
3,0 mm

07-242 145 mm  
07-243 160 mm  
07-244 200 mm  
Probes with eye



1,5 mm

07-245  
Myrtle leaf probe  
145 mm



2,0 mm

07-246 130 mm  
07-247 145 mm  
07-248 160 mm  
07-249 180 mm  
07-250 200 mm



1/2

07-251  
Probes



1/2

07-252  
Double ended probe,  
malleable, diam. of tips  
3 mm with hole  
190 mm



07-253  
Double ended probes,  
tin, malleable,  
diam. of tips  
3,5 mm with hole



1/4

07-254  
Double ended probes,  
tin, malleable,  
diam. of tips 4 mm  
400 mm



1/3

07-255 1,5 mm  
07-256 2,0 mm  
07-257 2,5 mm  
300 mm



SURGICAL INSTRUMENTS



**07-258**  
STACKE  
100 mm



**07-259**  
KILLIAN  
165 mm



**07-260**  
160 mm



**07-261**  
SEIFFERT  
180 mm

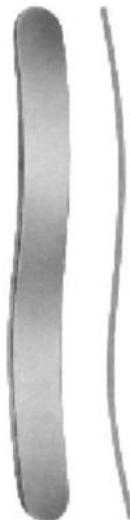


**07-262**  
BOWMAN  
130 mm

German Silver



**07-263**  
SPATULA  
145 mm



**07-264**  
SPATULA  
145 mm



**07-265**  
Modell PICCOLO  
Round Serrated  
110 mm



**07-266**  
Modell PICCOLO  
Triangular Serrated end  
110 mm



**07-267**  
FARRELL  
Round Serrated end  
110 mm



**07-268**  
LATHBURY-FARRELL  
Triangular Serrated end  
110 mm



**07-267**  
FARRELL  
Round Serrated end  
110 mm



**07-268**  
LATHBURY-FARRELL  
Triangular Serrated end  
110 mm



**07-268**  
LATHBURY-FARRELL  
Triangular Serrated end  
110 mm



**07-268**  
LATHBURY-FARRELL  
Triangular Serrated end  
110 mm



SURGICAL INSTRUMENTS



**07-269**  
BUCK  
Rough, spiral end  
120 mm



**07-270**  
Triangular  
serrated end  
140 mm



**07-271**  
Rough, spiral end  
140 mm



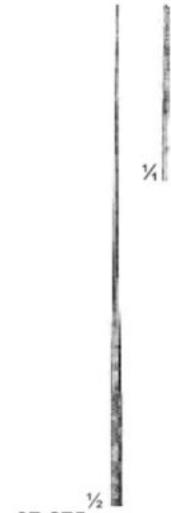
**07-272**  
Rough, spiral end  
140 mm



**07-273**  
Rough, spiral end  
140 mm



**07-274**  
FARRELL  
Round,  
serrated end  
140 mm



**07-275**  
LATHBURY-FARRELL  
Triangular,  
serrated end  
140 mm



**07-276**  
FARRELL  
Rough,  
spiral end  
160 mm



**07-277**  
LATHBURY-FARRELL  
Triangular,  
serrated end  
160 mm



**07-278**  
Triangular,  
serrated end  
160 mm



**07-279**  
Rough,  
spiral end  
180 mm



**07-280**  
Rough,  
spiral end  
180 mm



**07-281**  
Rough,  
spiral end  
270 mm



SURGICAL INSTRUMENTS



**07-282**  
MICHEL  
125 mm



**07-283**  
HEGENBARTH  
120 mm



**07-284**  
WACHENFELDT  
120 mm



**07-285**  
WACHENFELDT  
120 mm



**07-286**  
MICHEL  
125 mm



**07-287**  
MICHEL modif.  
130 mm



**07-288**  
HEATH  
135 mm



**07-289**  
COLLIN  
135 mm

SURGICAL INSTRUMENTS

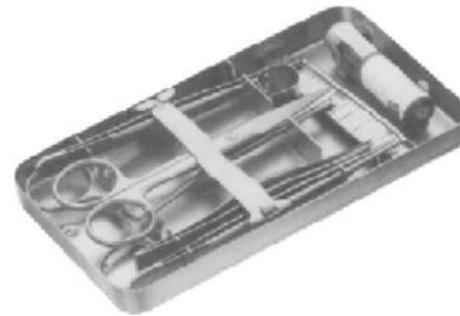


**07-290**  
Suturing instruments set, in metal case consisting of: Scissors, curved, sharp/sharp, 115mm  
25 MICHEL clip, 16 x 3mm  
1 Delicate tissue forceps, 130mm  
1 Scalpel, bellied  
1 MATHIEU needle holder, 140mm  
1 Perforated metal case, stainless containing:  
1 Suture needle  
1 item 1 item



**07-291**  
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 BB 520  
1 Perforated metal case, stainless, containing  
1 Suture needle  
1 item  
1 item

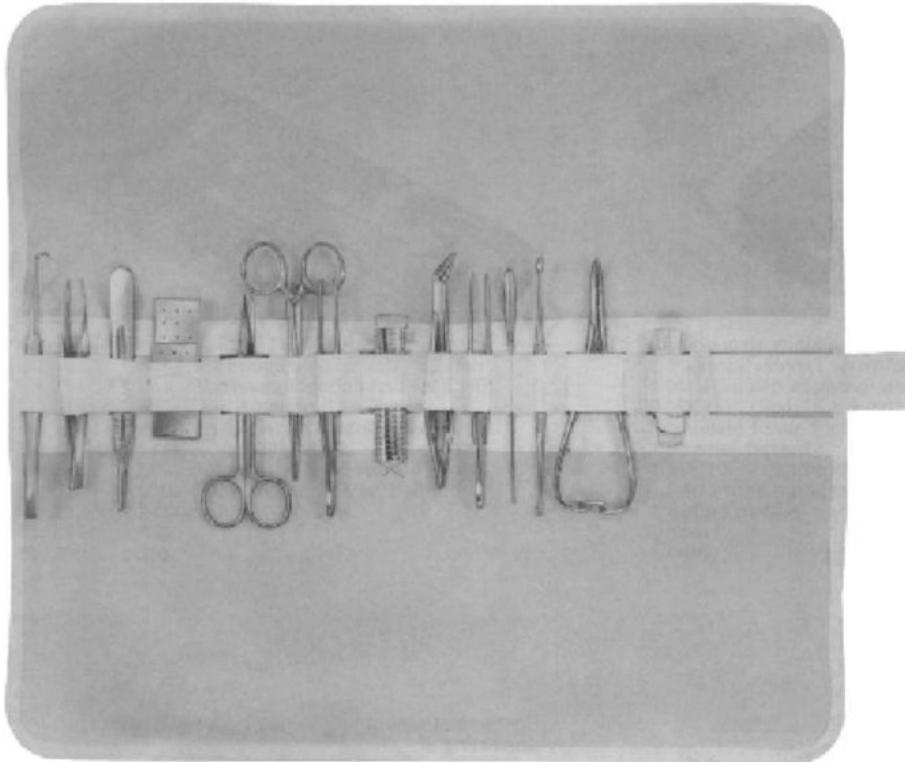
**Top tray**  
1 Tissue forceps, 130mm  
1 KOCHER haemostatic forceps, 130mm  
1 Straight surgical scissors, 130mm  
1 Dissecting forceps, 130mm  
1 FEILCHENFELD splinter forceps, 115mm  
25 MICHEL clip, 16 x 3mm  
1 Flacon of suture skin, sterile in alcohol



**07-292**  
Pocket instrument set, in metal case consisting of:  
**Bottom tray**  
1 MAYO-HEGER needle holder, 150mm  
1 MICHEL clip forceps, combined  
1 Myrtle leaf probe, 130mm  
1 Sharp double curette  
1 Skin hook  
1 Detachable scalpel handle, no. 4  
1 Perforated metal case, consisting  
6 Scalpel blades BB 520  
1 Perforated metal case, stainless, consisting:  
1 Suture needle

**Bottom 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



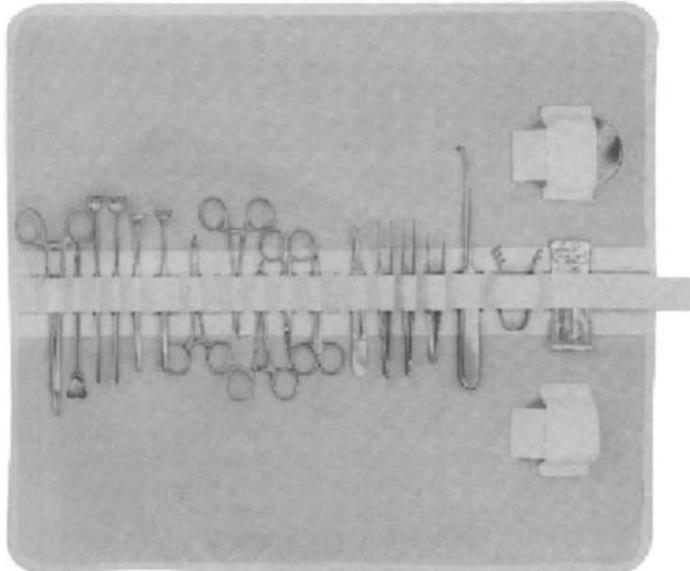
**SURGICAL INSTRUMENTS**

**07-293**

Pocket instrument set in metal case 170 x 90mm with sterilizable canvas roll consisting of:

- 1 Myrtle leaf probe, 130mm
- 1 Sharp double curette
- 1 FEILCHENFELD splinter forceps, 115mm
- 1 Dissecting forceps, 130mm
- 1 Tissue forceps, 130mm

- 1 Straight surgical scissors, 130mm
- 1 Scalpel handle no. 4
- 1 Perforated metal case, consisting 6 scalpel blades BB 520
- 1 KOCHER haemostatic forceps, 130mm
- 1 Skin hook
- 1 MATHIEU needle holder, 140mm
- 1 Tube of suture skin, sterile in alcohol
- 1 MICHEL clip forceps, 120mm

- 25 MICHEL clip, 16 x 3mm
- 1 Perforated metal case, stainless, consisting:
- 1 Suture needle
- 1 item
- 1 item


**07-294**

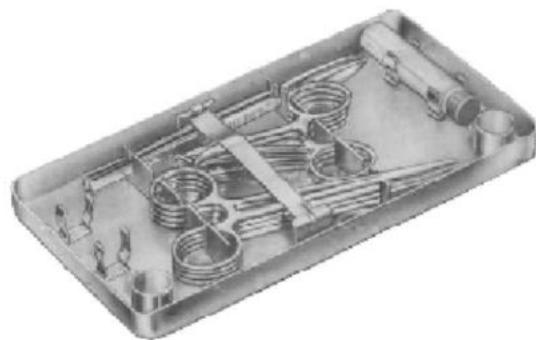
Venae sectio set, in sterilizable canvas roll consisting of:

- 1 Tissue forceps, 1 x 2 teeth, 140mm
- 1 Dissecting forceps, 145mm
- 1 FEILCHENFELD straight scissors, sharp, 110mm
- 1 curved scissors, blunt, 115mm
- 1 HALSTED mosquito forceps, curved on flat,

- 1 DESCHAMPS needle, blunt, 210mm
- 1 DOYEN Director, curved, 140mm
- 2 Wound retractors, 4 blunt prongs, 160mm
- 2 DESMARRES wound retractors, 135mm
- 1 FINSSEN retractors, 2 x3 blunt prongs, 80mm

- 1 Scalpel handle no. 4
- 4 Sterile scalpel blades, no 18, single peel pack
- 1 Needle box, perforated, round, diam. 65mm
- 1 HEGAR-MAYO DUROGRIP needle holder, 180mm





**07-295**

Venae sectio set, in metal case  
consisting of:

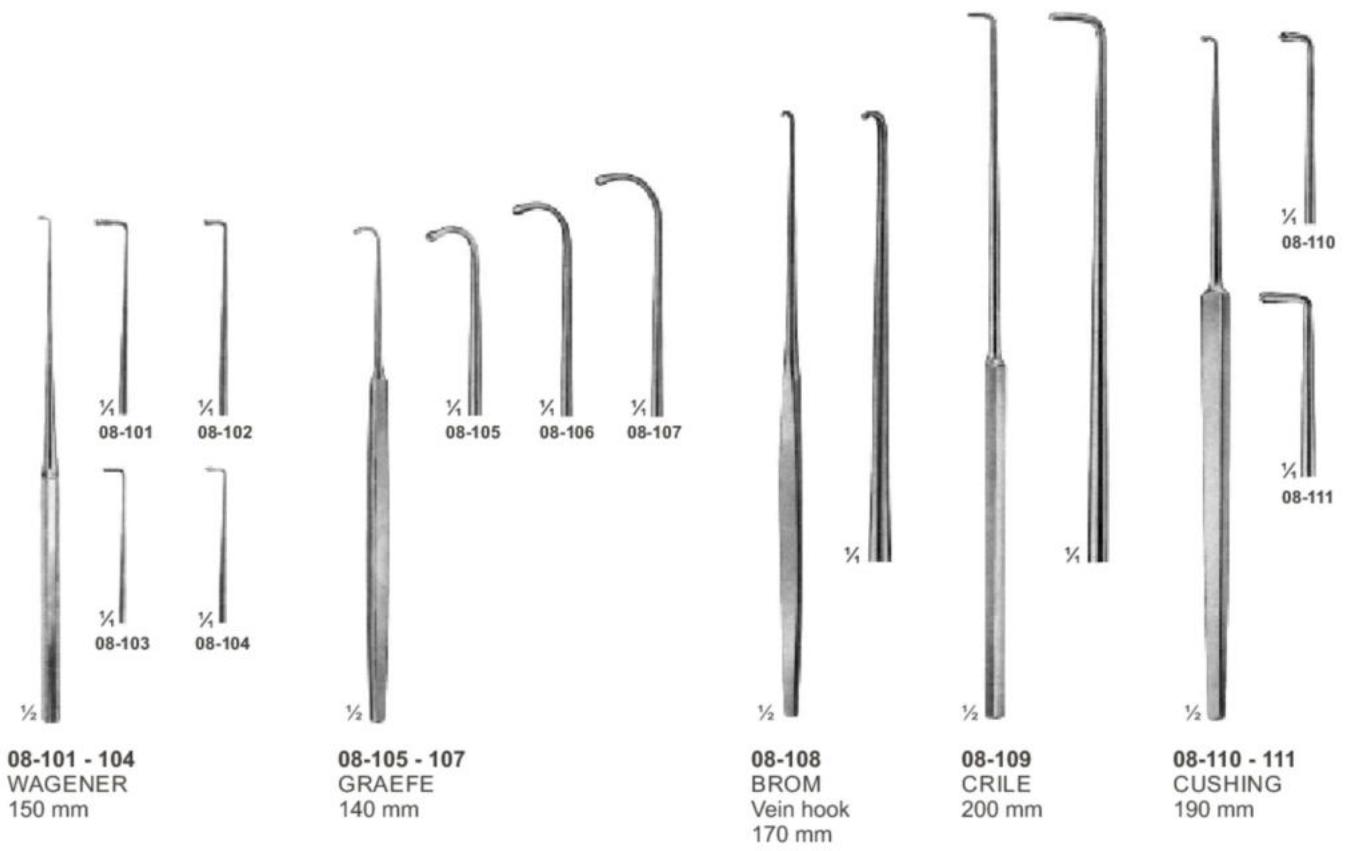
**Bottom tray**

- 1 MATHIEU needle holder, fine pattern 140mm
- 1 Ligature needle, fine short pattern
- 1 DOYEN director, curved
- 1 HEGENBARTH clip forceps,
- 1 ELSCHNIG tissue forceps, 1 x 2 teeth fine, 150mm
- 1 Dressing forceps, fine 105mm
- 1 Tissue forceps, 1 x 2 teeth, 110mm
- 1 Vessel scissors, straight, with 1 ball point, 110mm
- 1 Vessel scissors, curved, pointed 105mm
- 1 FINSSEN retractor
- 1 Perforated needle case

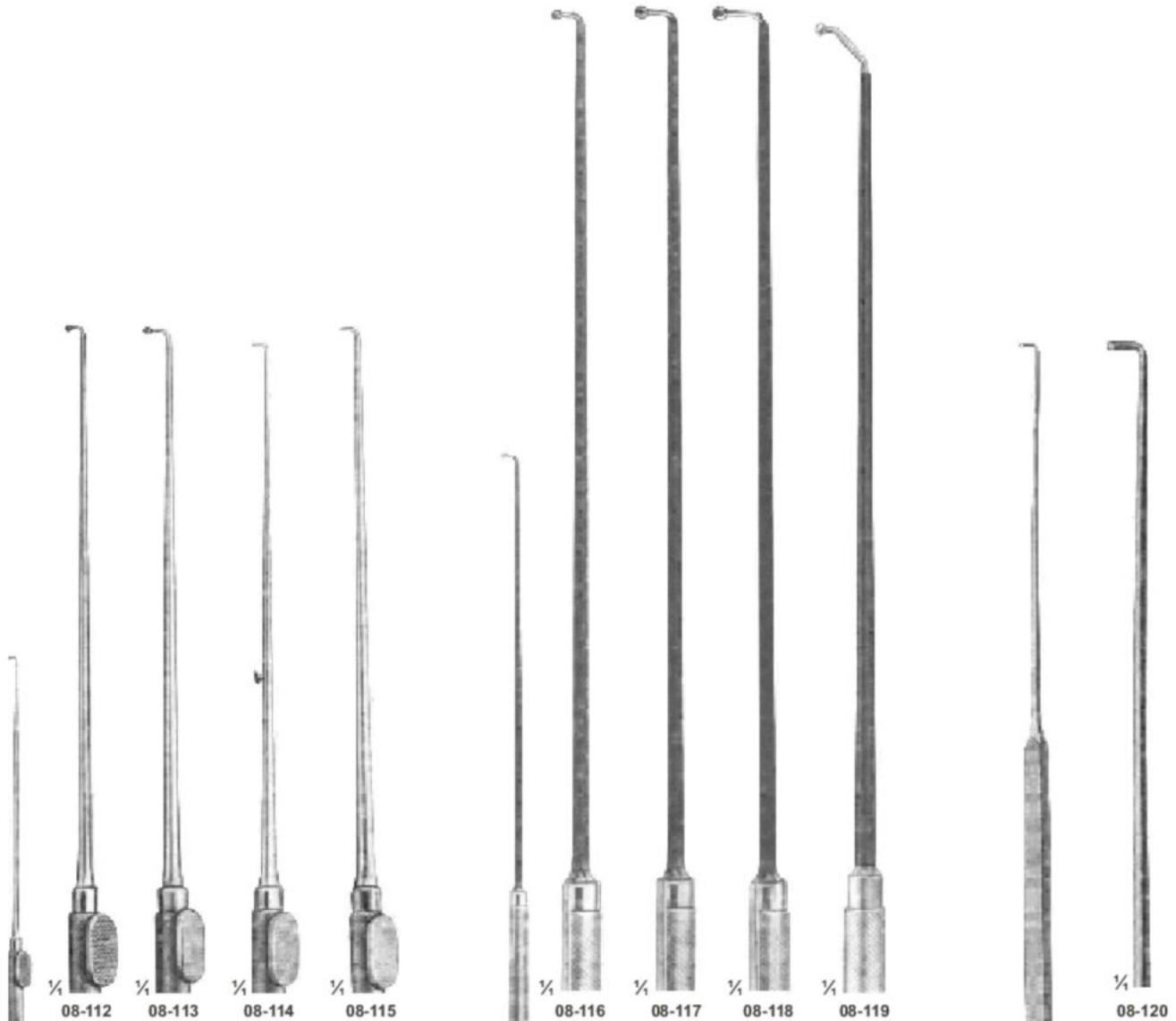
**Top tray**

- 1 Scalpel, pointed
- 1 Scalpel, bellied
- 2 HALSTED mosquito forceps, curved, 125mm
- 2 HALSTED mosquito forceps, straight, 1x 2 teeth, 125mm
- 3 BACKHAUS towel forceps, 90mm
- 2 Flacon holder

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



1/4  
08-112 - 115  
KRAYENBUHL  
185 mm

1/4  
08-116 - 119  
CASPAR  
245 mm

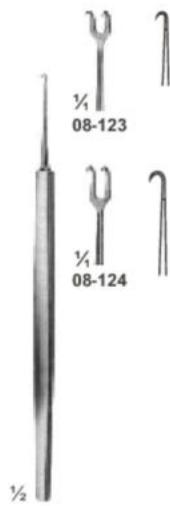
1/4  
08-120  
CUSHING  
280 mm



SURGICAL INSTRUMENTS



**08-121** Sharp  
**08-122** Blunt  
GRAEFE  
125 mm



**08-123** 125 mm  
**08-124** 130 mm  
Sharp  
GUTHRIE



**08-125** 130 mm  
**08-126** 135 mm  
Sharp  
ROLLET  
**08-127** 135 mm  
Blunt



**08-128**  
FRAZIER  
Dura Retractors  
130 mm



**08-129**  
TONNIS  
Dura Retractors  
150 mm



**08-130**  
KILNER  
160 mm



**08-131**  
FREER  
150 mm



**08-132**  
MULLER  
150 mm



**08-133**  
MULLER  
150 mm



**08-134**  
COTTLE  
160 mm



**08-135**  
COTTLE  
160 mm



**08-136**  
JAEGAR  
135 mm



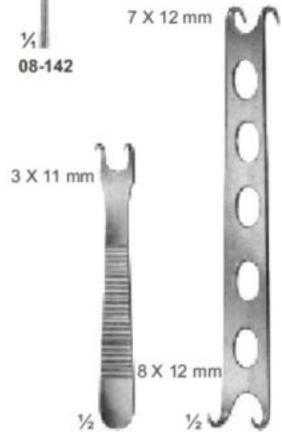
**08-137 - 140**  
JOSEPH  
165 mm



**08-137**  
**08-138**  
3 mm  
**08-139**  
6 mm  
**08-140**  
8 mm



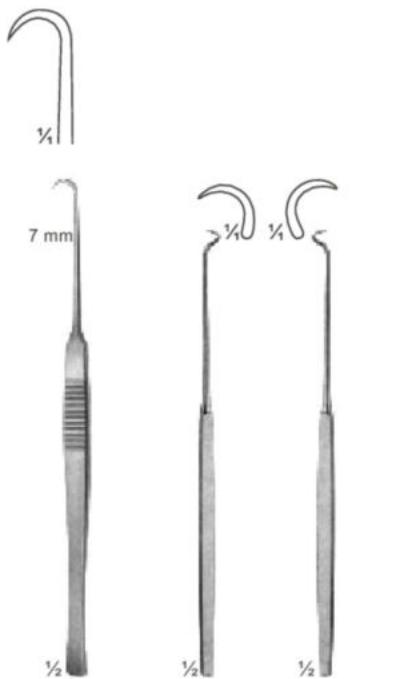
**08-141 - 142**  
GILLIES  
180 mm



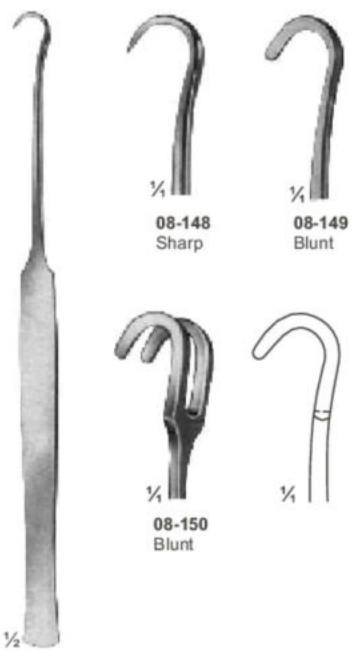
**08-143**  
KILNER  
Sharp  
80 mm

**08-144**  
CONVERSE  
Blunt  
120 mm

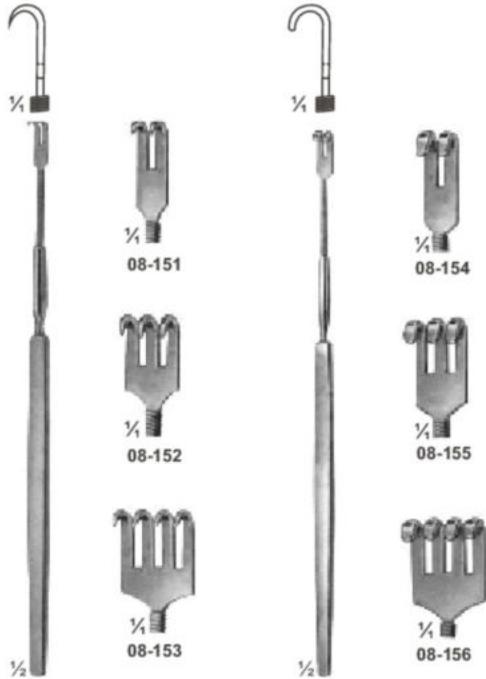
SURGICAL INSTRUMENTS



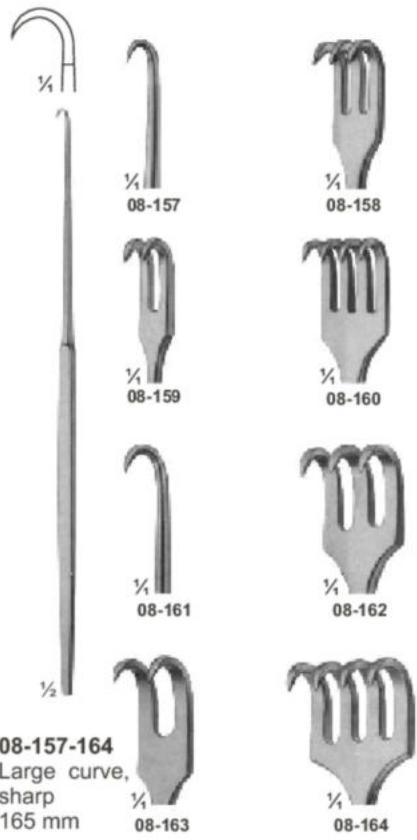
**08-145** BERGMANN  
140 mm  
**08-146** BOSE  
165 mm  
**08-147** BOSE  
165 mm



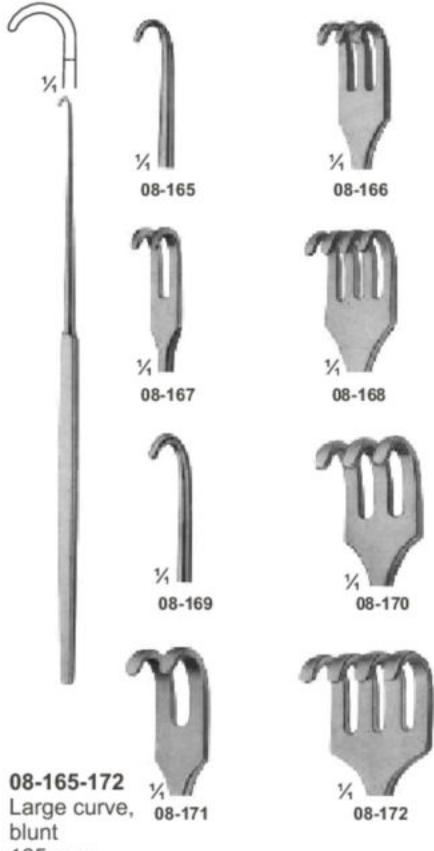
**08-148 - 150**  
180 mm  
**08-151 - 153**  
Flexible shaft, sharp  
155 mm



**08-154 - 156**  
Flexible shaft, blunt  
155 mm

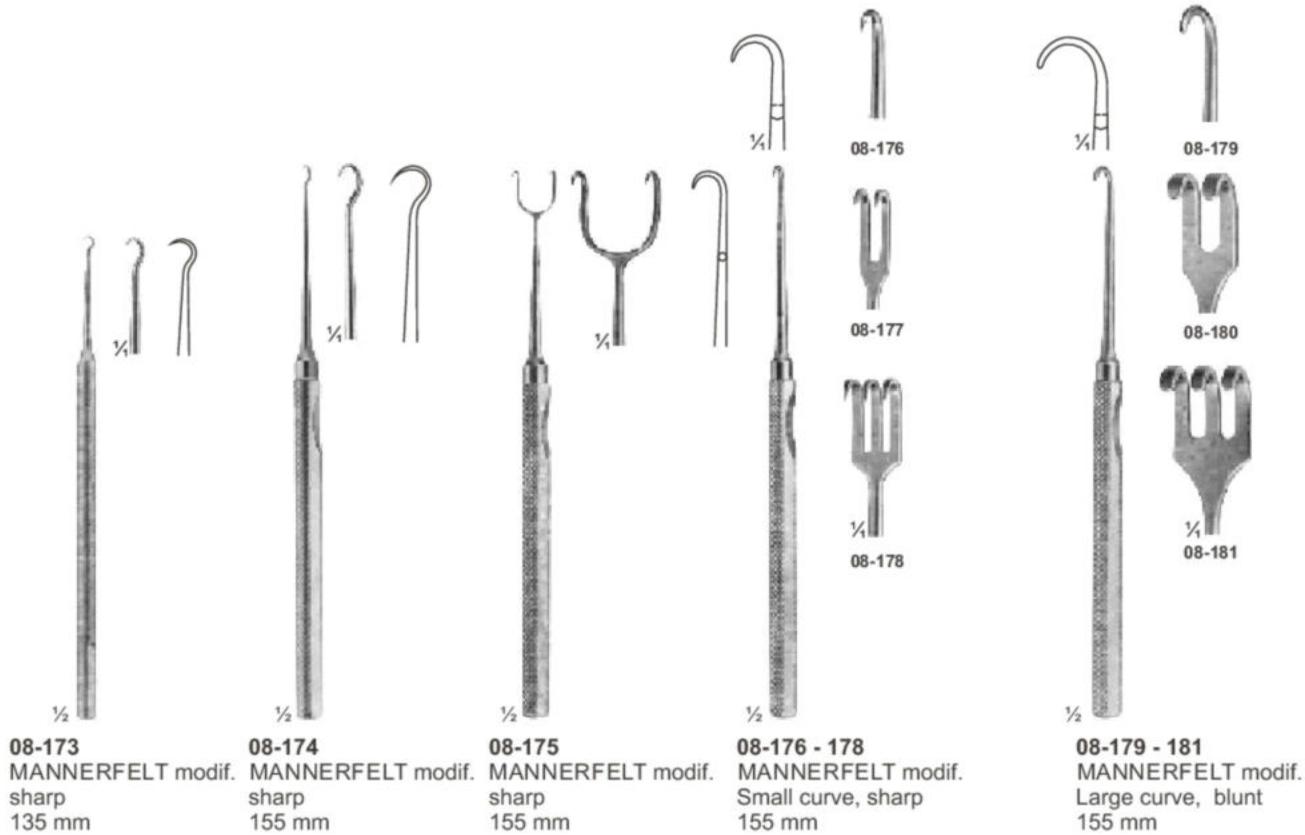


**08-157-164**  
Large curve, sharp  
165 mm  
**08-163**  
**08-164**



**08-165-172**  
Large curve, blunt  
165 mm  
**08-171**  
**08-172**

SURGICAL INSTRUMENTS



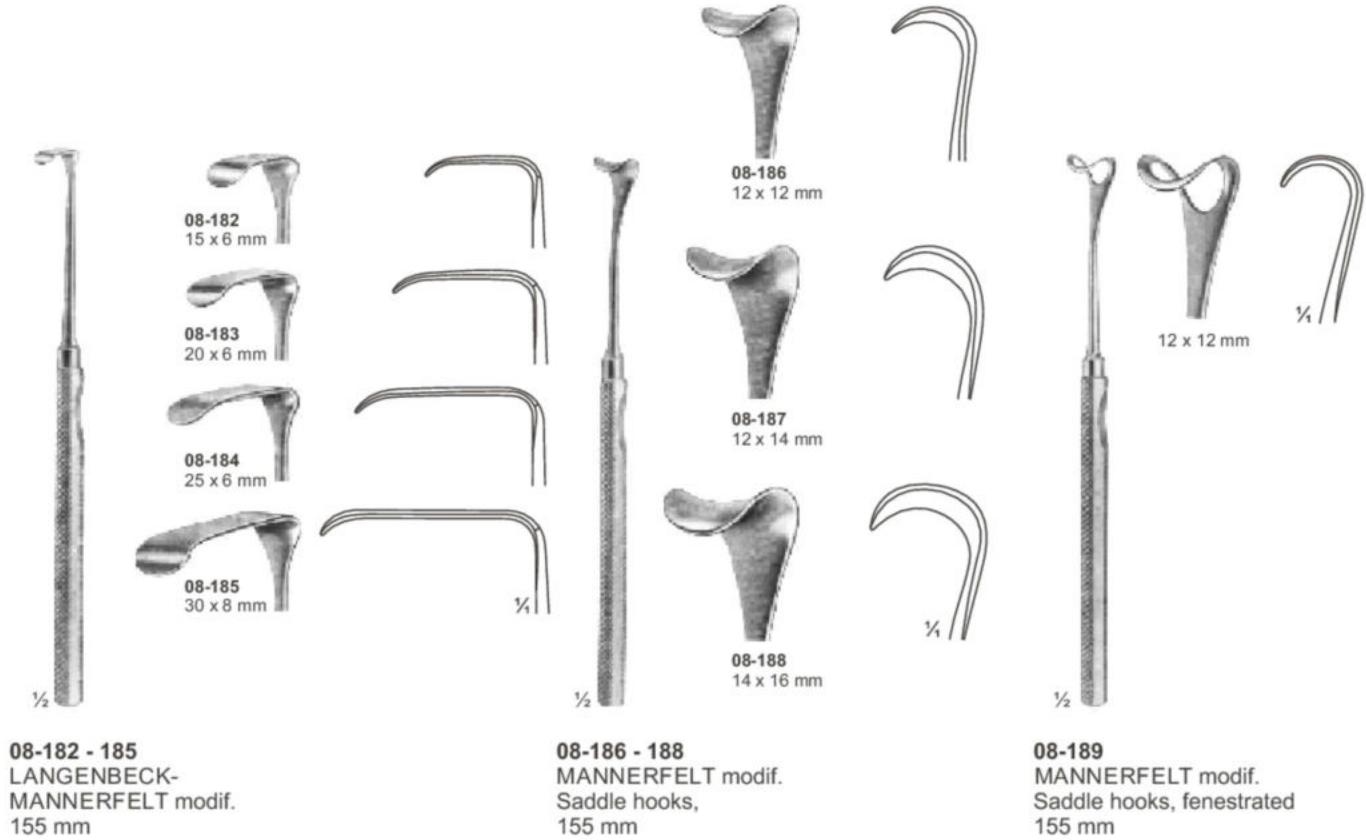
**08-173**  
MANNERFELT modif.  
sharp  
135 mm

**08-174**  
MANNERFELT modif.  
sharp  
155 mm

**08-175**  
MANNERFELT modif.  
sharp  
155 mm

**08-176 - 178**  
MANNERFELT modif.  
Small curve, sharp  
155 mm

**08-179 - 181**  
MANNERFELT modif.  
Large curve, blunt  
155 mm

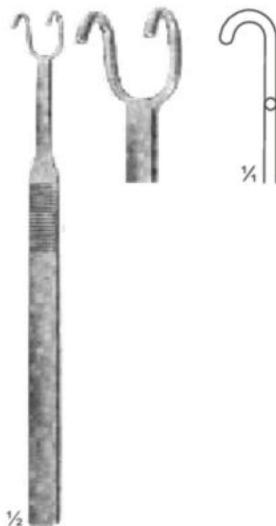


**08-182 - 185**  
LANGENBECK-  
MANNERFELT modif.  
155 mm

**08-186 - 188**  
MANNERFELT modif.  
Saddle hooks,  
155 mm

**08-189**  
MANNERFELT modif.  
Saddle hooks, fenestrated  
155 mm

SURGICAL INSTRUMENTS



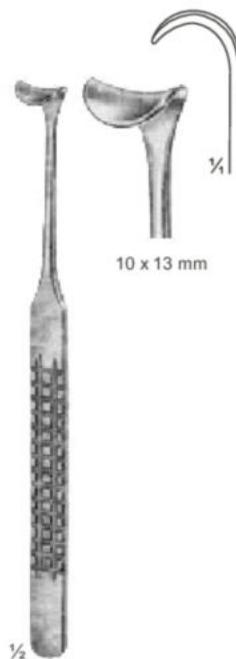
08-190  
FOMON  
145 mm



08-191 - 192  
160 mm



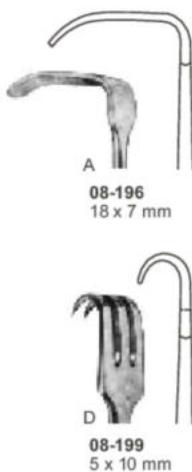
08-193 - 194  
LANGENBECK-GREEN  
160 mm



08-195  
160 mm



08-196 - 201  
MEYERDING  
Fig. A - Fig. F  
180 mm



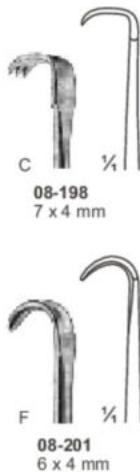
08-196  
18 x 7 mm

08-199  
5 x 10 mm



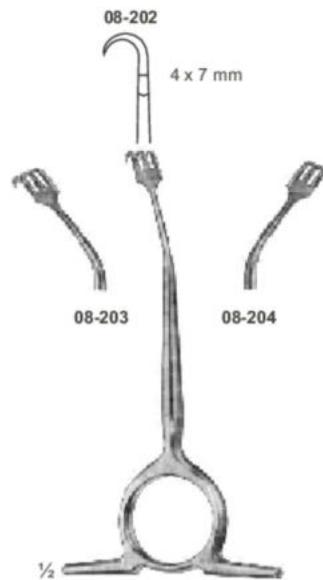
08-197  
16 x 5 mm

08-200  
11 x 4 mm



08-198  
7 x 4 mm

08-201  
6 x 4 mm



08-202  
4 x 7 mm

08-203

08-204

08-202 - 204  
WILLIGER  
120 mm

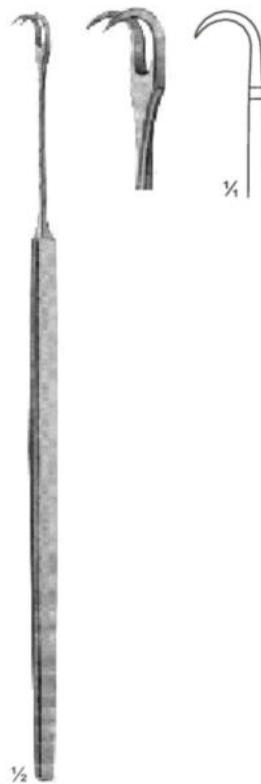
SURGICAL INSTRUMENTS



**08-205**  
EMMET  
Fistula hook  
220 mm



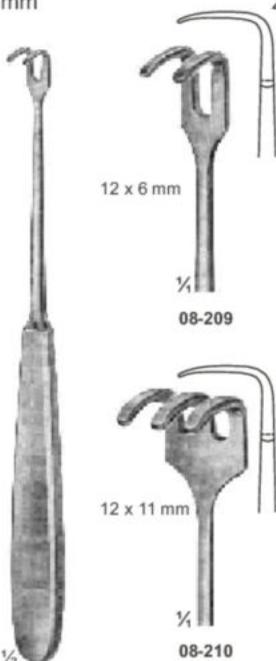
**08-206**  
SIMON  
Fistula hook  
220 mm



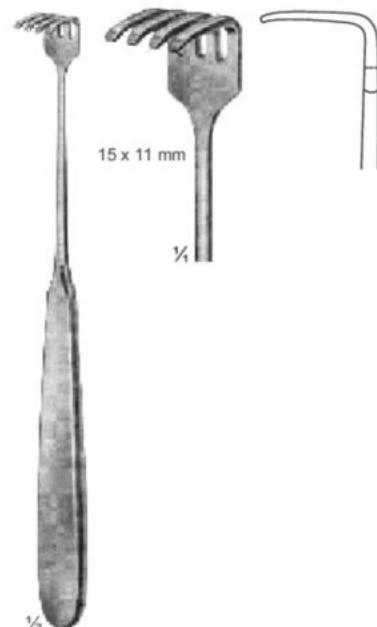
**08-207**  
SIMON  
Fistula hook  
220 mm



**08-208**  
LANGE  
Fistula hook  
230 mm



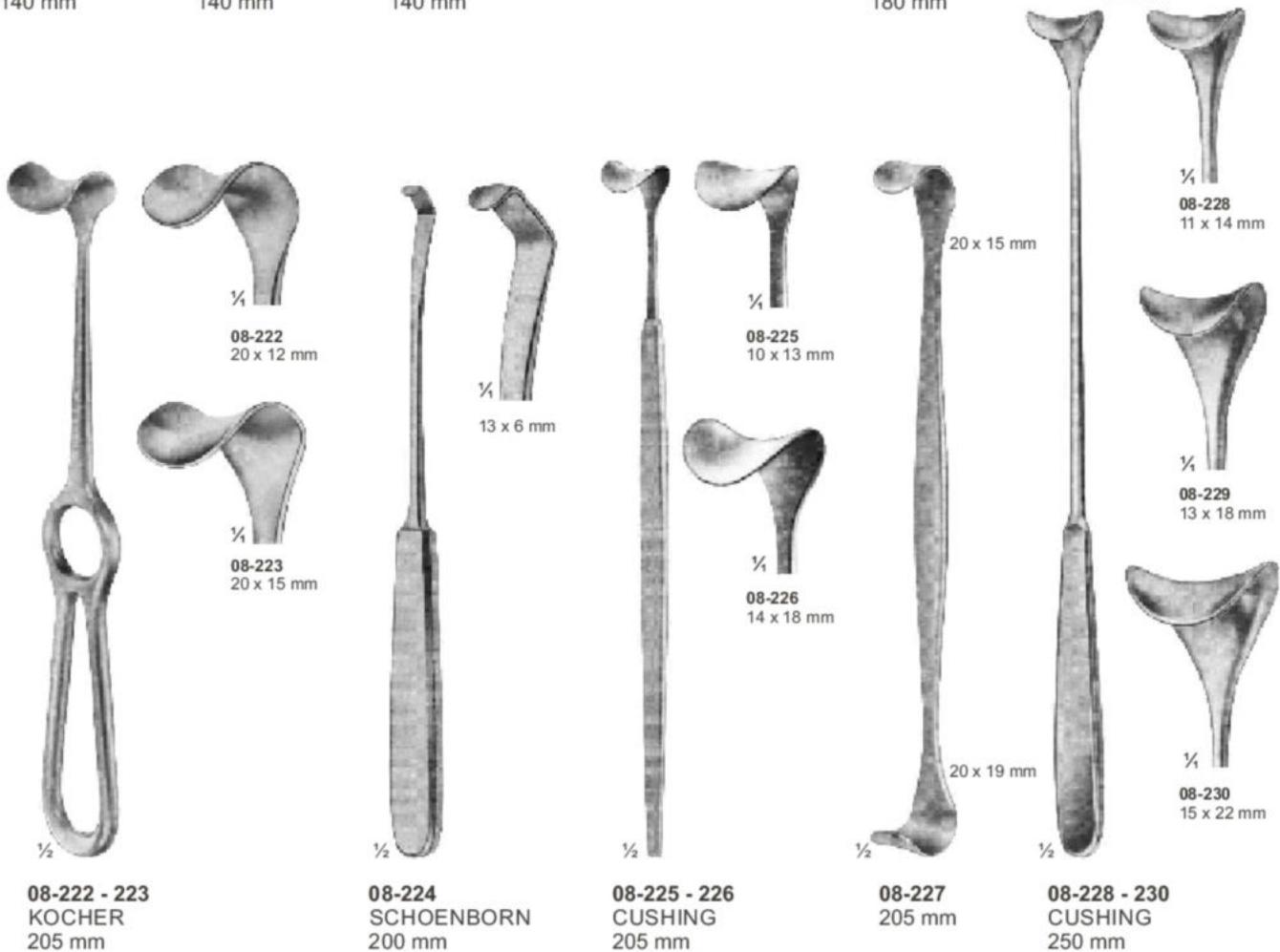
**08-209 - 210**  
Tendon hooks  
175 mm



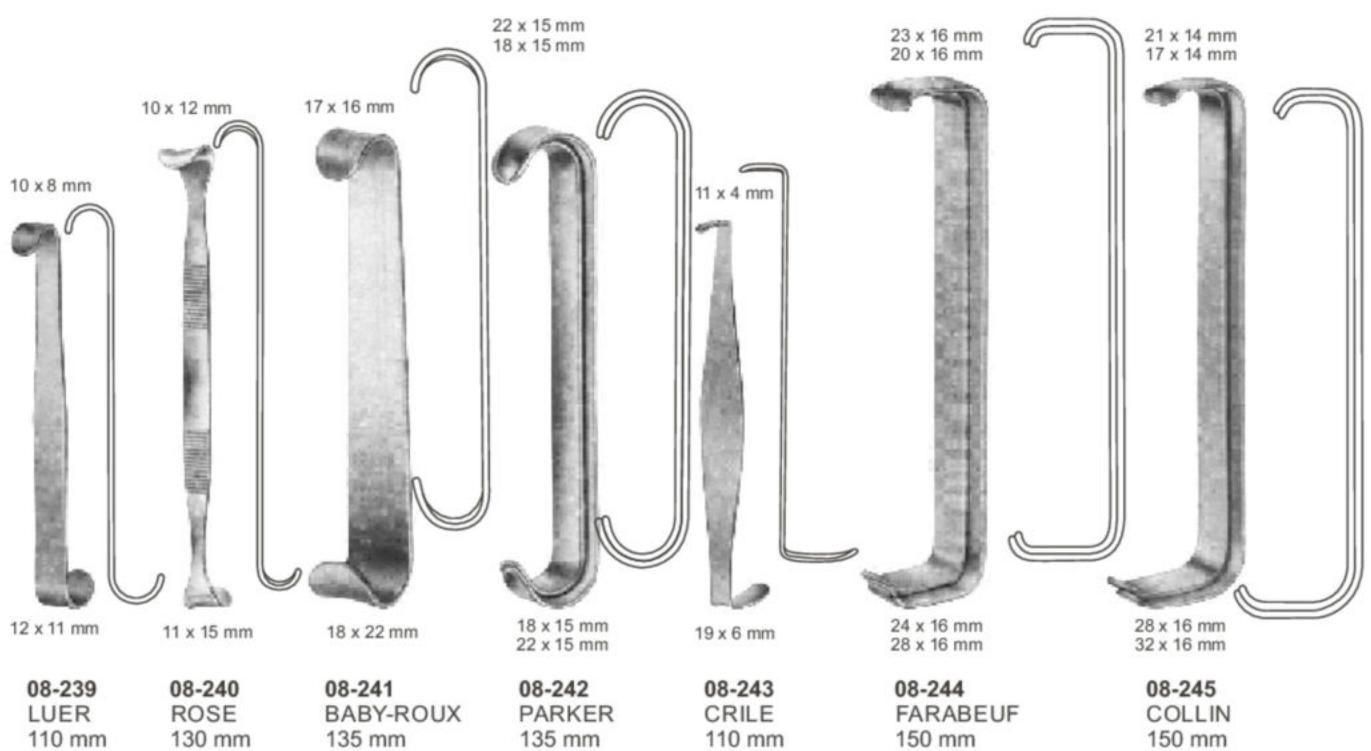
**08-211**  
KLAPP  
Tendon hooks  
175 mm



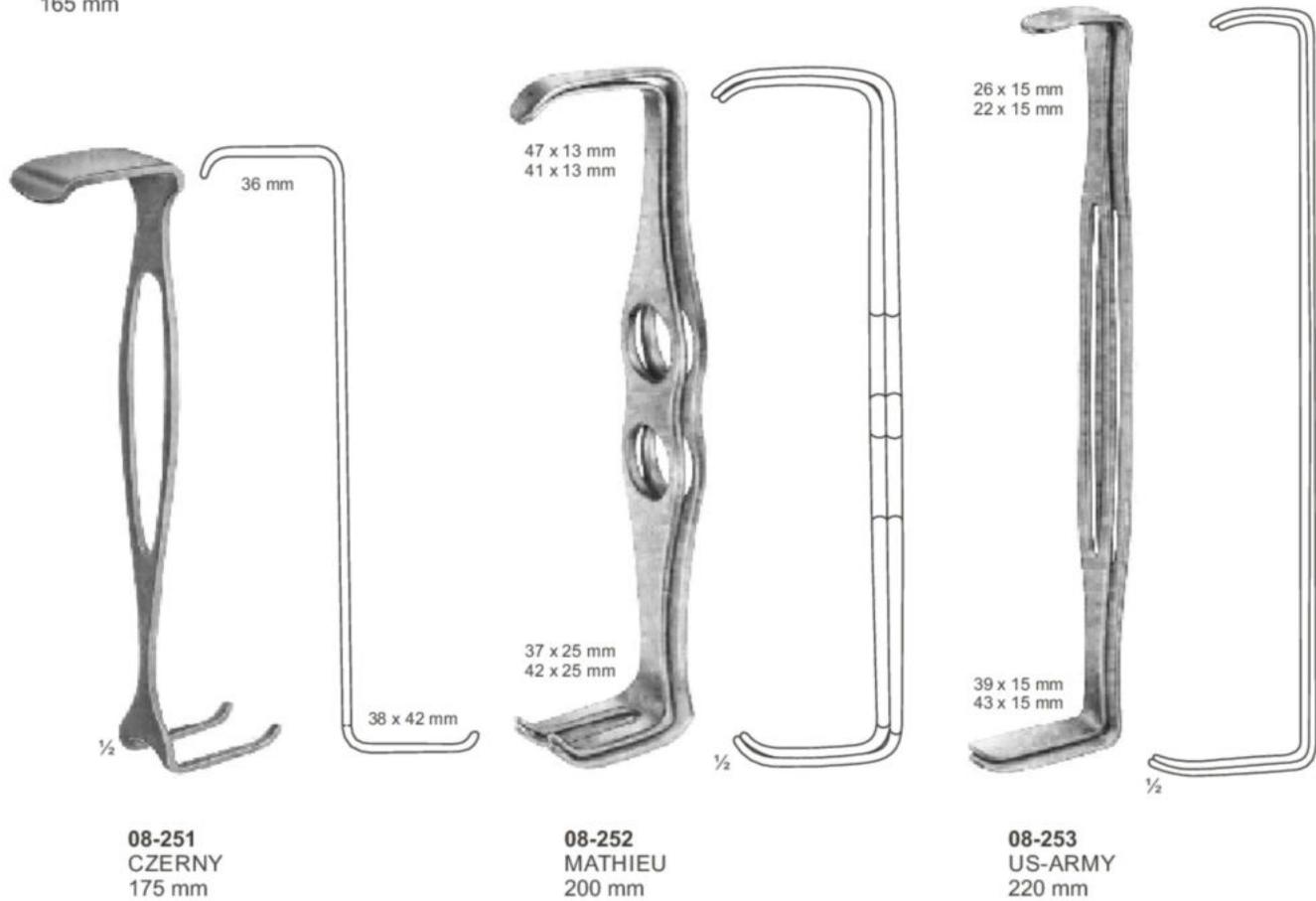
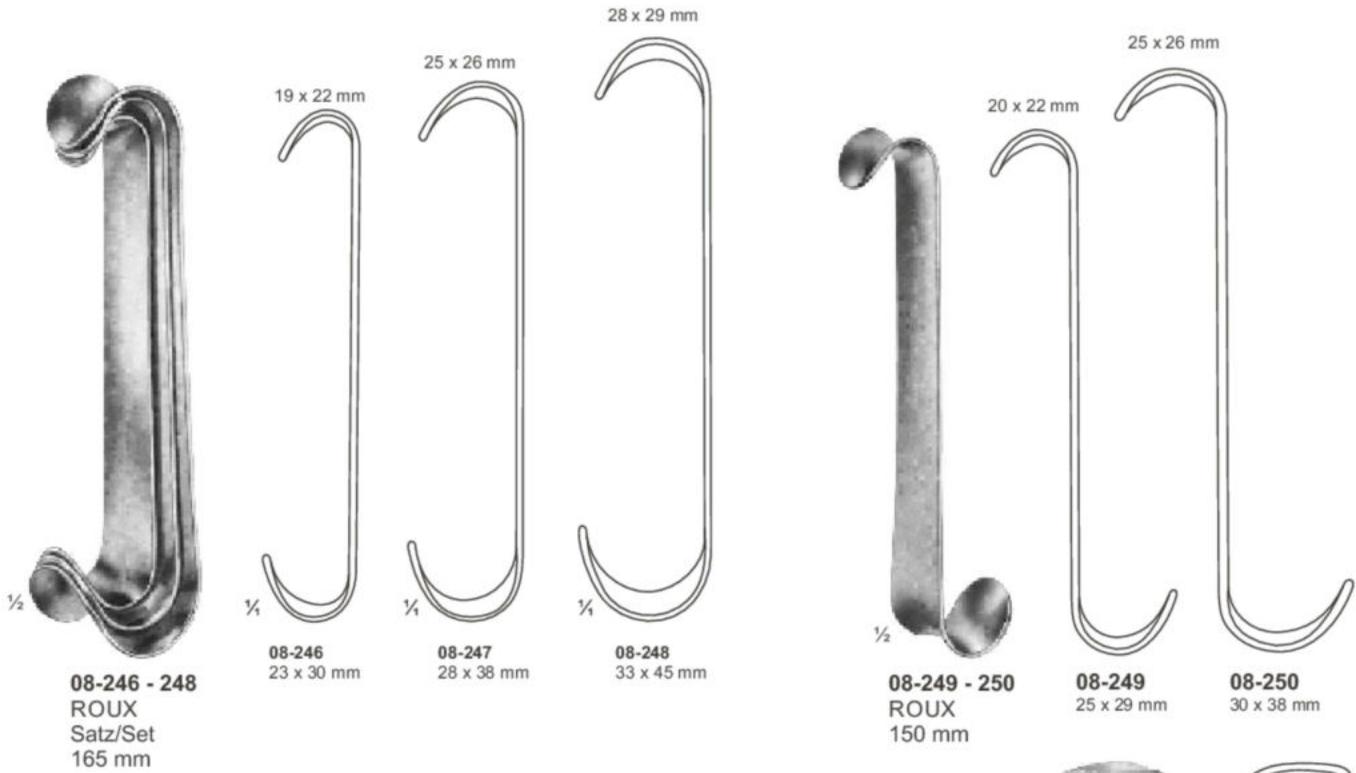
SURGICAL INSTRUMENTS



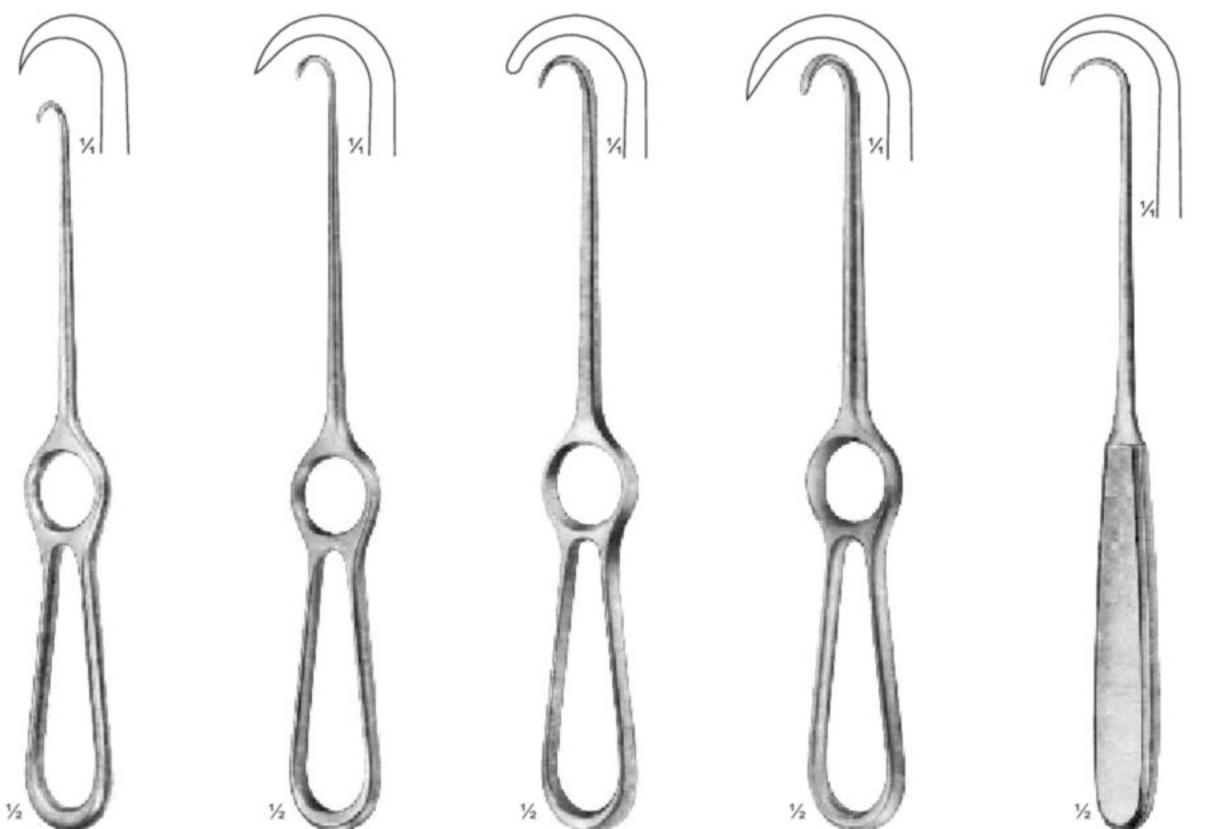
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



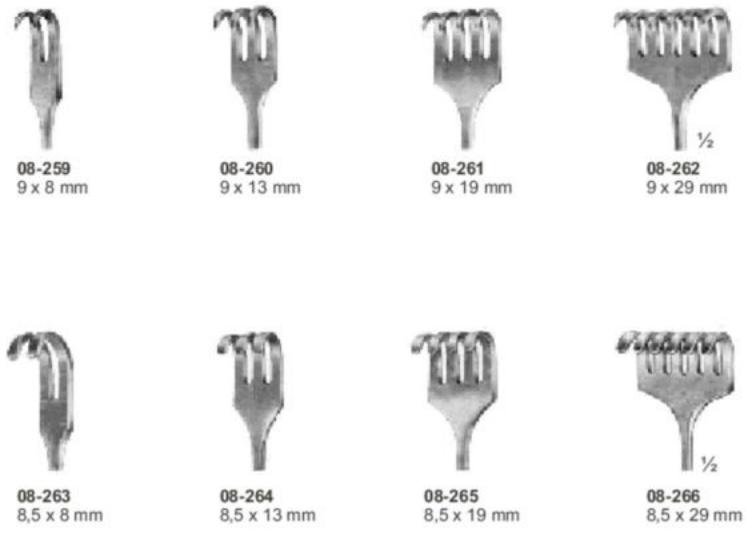
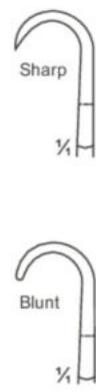
SURGICAL INSTRUMENTS



**08-254 KOCHER Sharp 205 mm**    
 **08-255 KOCHER Sharp 220 mm**    
 **08-256 KOCHER Blunt 220 mm**    
 **08-257 VOLKMANN Sharp 220 mm**    
 **08-258 VOLKMANN Sharp 220 mm**



**08-259 - 266 VOLKMANN 225 mm**



**08-259 9 x 8 mm**     **08-260 9 x 13 mm**     **08-261 9 x 19 mm**     **08-262 9 x 29 mm**  
**08-263 8,5 x 8 mm**     **08-264 8,5 x 13 mm**     **08-265 8,5 x 19 mm**     **08-266 8,5 x 29 mm**

SURGICAL INSTRUMENTS



Sharp  
¼

Blunt  
¼

Semi-Sharp  
¼

 <b>08-267</b> 9 x 8 mm	 <b>08-268</b> 9 x 13 mm	 <b>08-269</b> 9 x 19 mm	 <b>08-270</b> 9 x 29 mm	 <b>08-271</b> 9 x 40 mm
 <b>08-272</b> 8 x 8 mm	 <b>08-273</b> 8 x 13 mm	 <b>08-274</b> 8 x 19 mm	 <b>08-275</b> 8 x 29 mm	 <b>08-276</b> 8 x 40 mm
 <b>08-277</b> 8,5 x 8 mm	 <b>08-278</b> 8,5 x 13 mm	 <b>08-279</b> 8,5 x 19 mm	 <b>08-280</b> 8,5 x 29 mm	

**08-267 - 280**  
VOLKMANN  
220 mm  
½



Semi-Sharp  
¼

Blunt  
¼

 <b>08-281</b> 16 x 9 mm	 <b>08-282</b> 16 x 14 mm	 <b>08-283</b> 16 x 20 mm	 <b>08-284</b> 16 x 30 mm
 <b>08-285</b> 15,5 x 9 mm	 <b>08-286</b> 15,5 x 14 mm	 <b>08-287</b> 15,5 x 20 mm	 <b>08-288</b> 15,5 x 30 mm

**08-281 - 288**  
KOCHER  
220 mm  
½

SURGICAL INSTRUMENTS



**08-289 - 290**  
KORTE  
240 mm



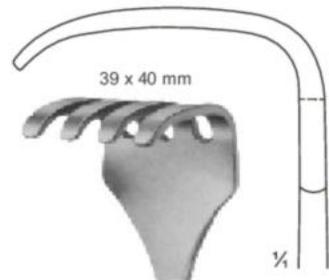
**08-289**  
8 Prongs, blunt



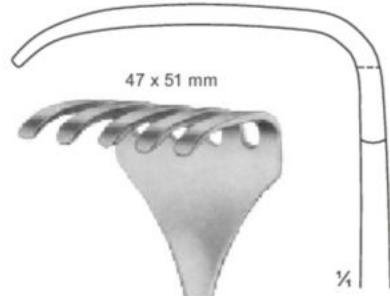
**08-290**  
8 Prongs, sharp



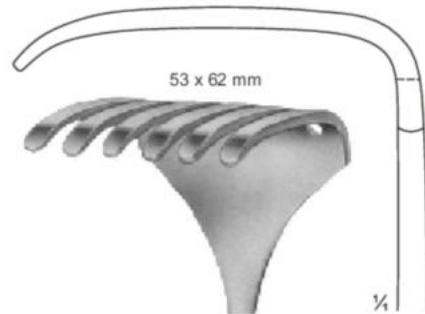
**08-291 - 294**  
ISRAEL  
255 mm



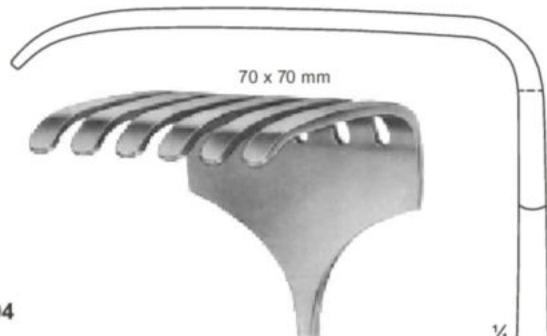
**08-291**  
4 Prongs, blunt



**08-292**  
5 Prongs, blunt



**08-293**  
6 Prongs, blunt



**08-294**  
6 Prongs, blunt

SURGICAL INSTRUMENTS



**08-295 - 300**  
LANGENBECK  
215 mm  
08-295 28 x 10 mm  
08-296 28 x 14 mm  
08-297 33 x 14 mm  
08-298 28 x 16 mm  
08-299 40 x 10 mm  
08-300 40 x 13 mm



**08-301 - 307**  
KOCHER-LANGENBECK  
215 mm  
08-301 25 x 6 mm  
08-302 35 x 8 mm  
08-303 35 x 11 mm  
08-304 35 x 15 mm  
08-305 41 x 11 mm  
08-306 55 x 11 mm  
08-307 70 x 14 mm



**08-308**  
LANGENBECK  
215 mm

SURGICAL INSTRUMENTS



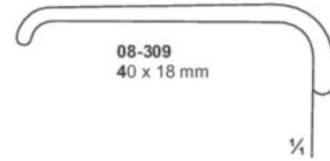
08-309 - 313  
KOCHER  
230 mm

1/2



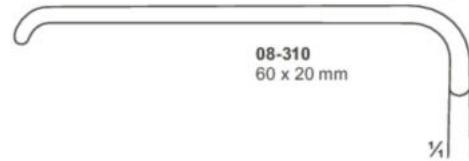
08-314 - 316  
SAUERBRUCH  
225 mm

1/2



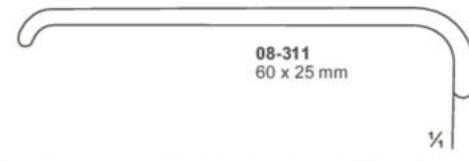
08-309  
40 x 18 mm

1/4



08-310  
60 x 20 mm

1/4



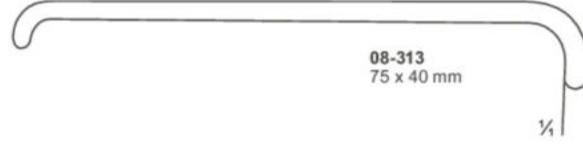
08-311  
60 x 25 mm

1/4



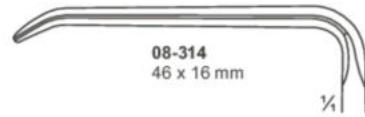
08-312  
75 x 30 mm

1/4



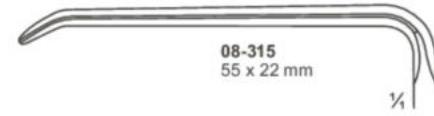
08-313  
75 x 40 mm

1/4



08-314  
46 x 16 mm

1/4



08-315  
55 x 22 mm

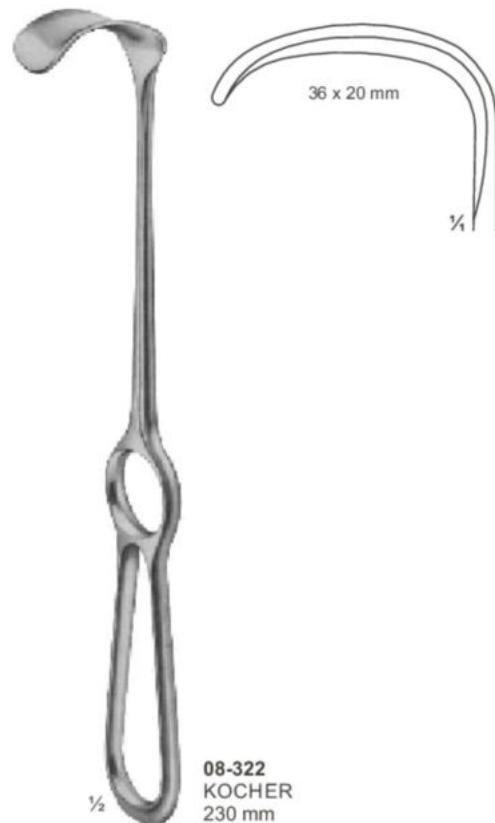
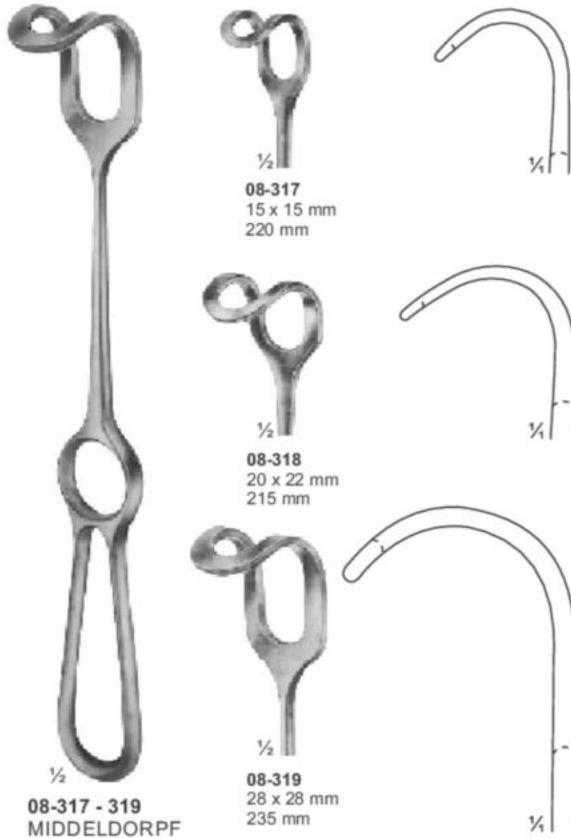
1/4



08-316  
72 x 19 mm

1/4

SURGICAL INSTRUMENTS

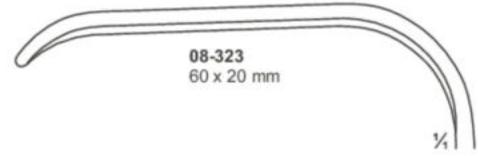


SURGICAL INSTRUMENTS



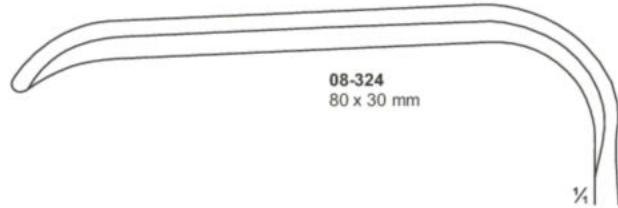
1/2

**08-323 - 328**  
HOSEL  
250 mm



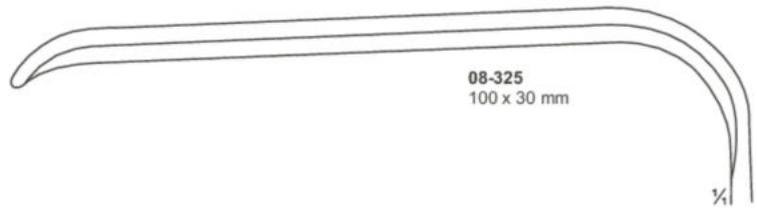
**08-323**  
60 x 20 mm

1/4



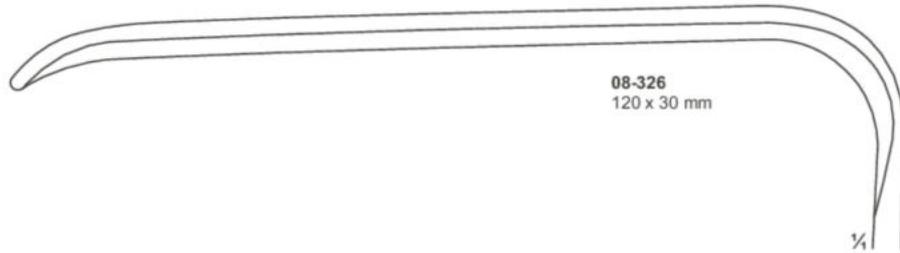
**08-324**  
80 x 30 mm

1/4



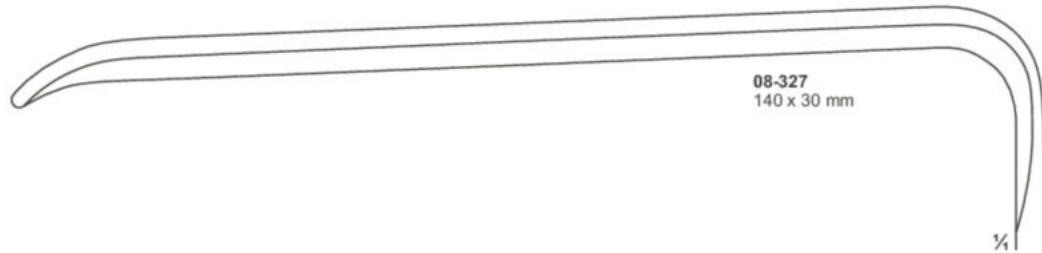
**08-325**  
100 x 30 mm

1/4



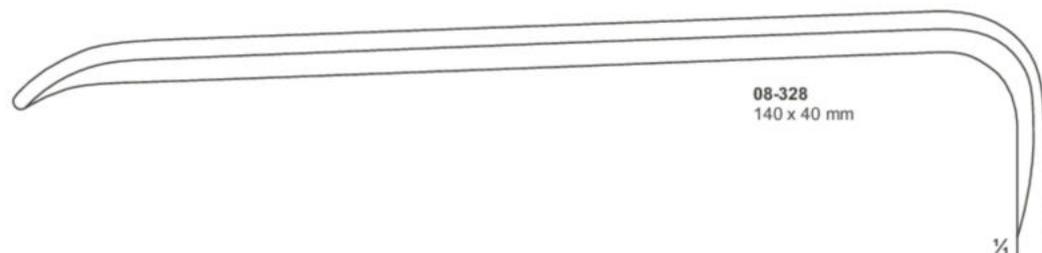
**08-326**  
120 x 30 mm

1/4



**08-327**  
140 x 30 mm

1/4

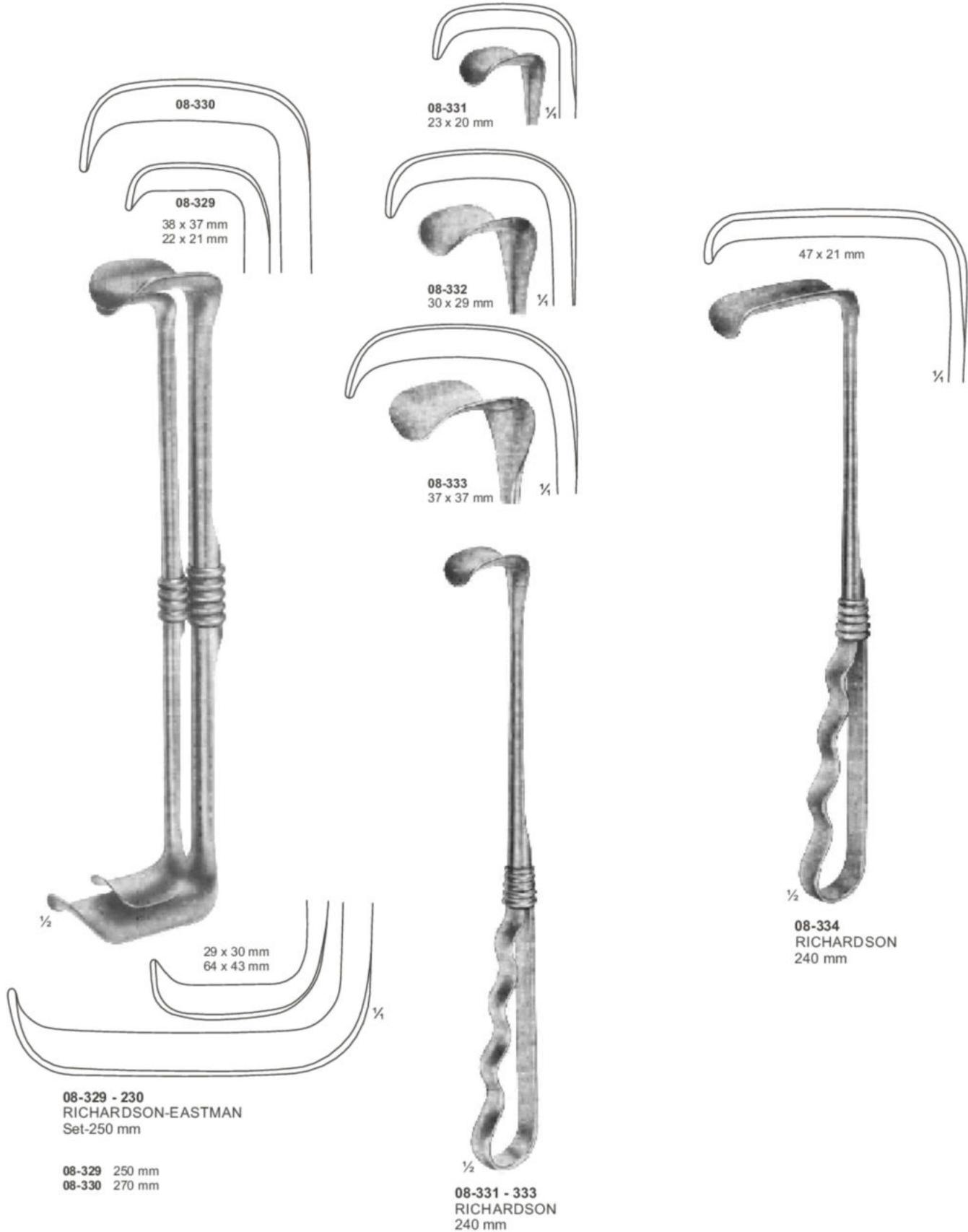


**08-328**  
140 x 40 mm

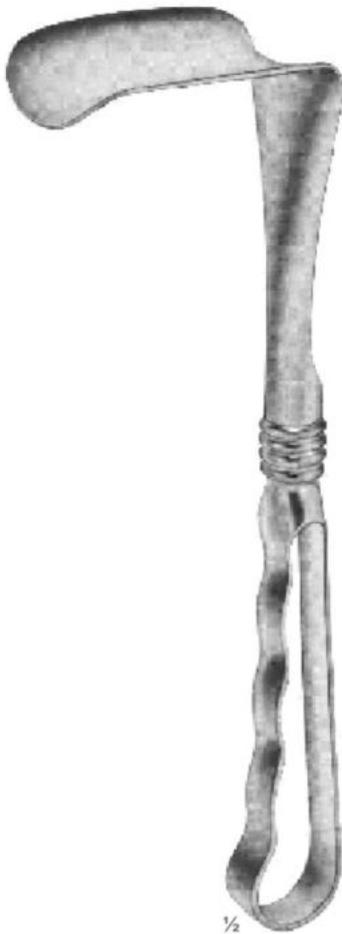
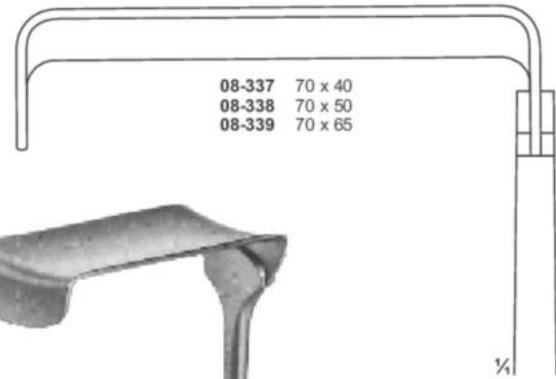
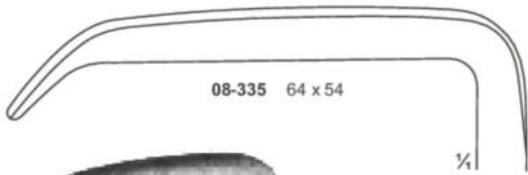
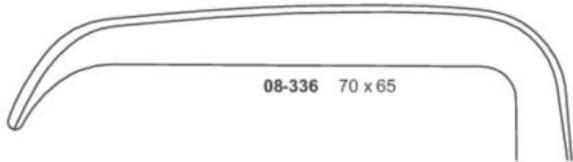
1/4



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS

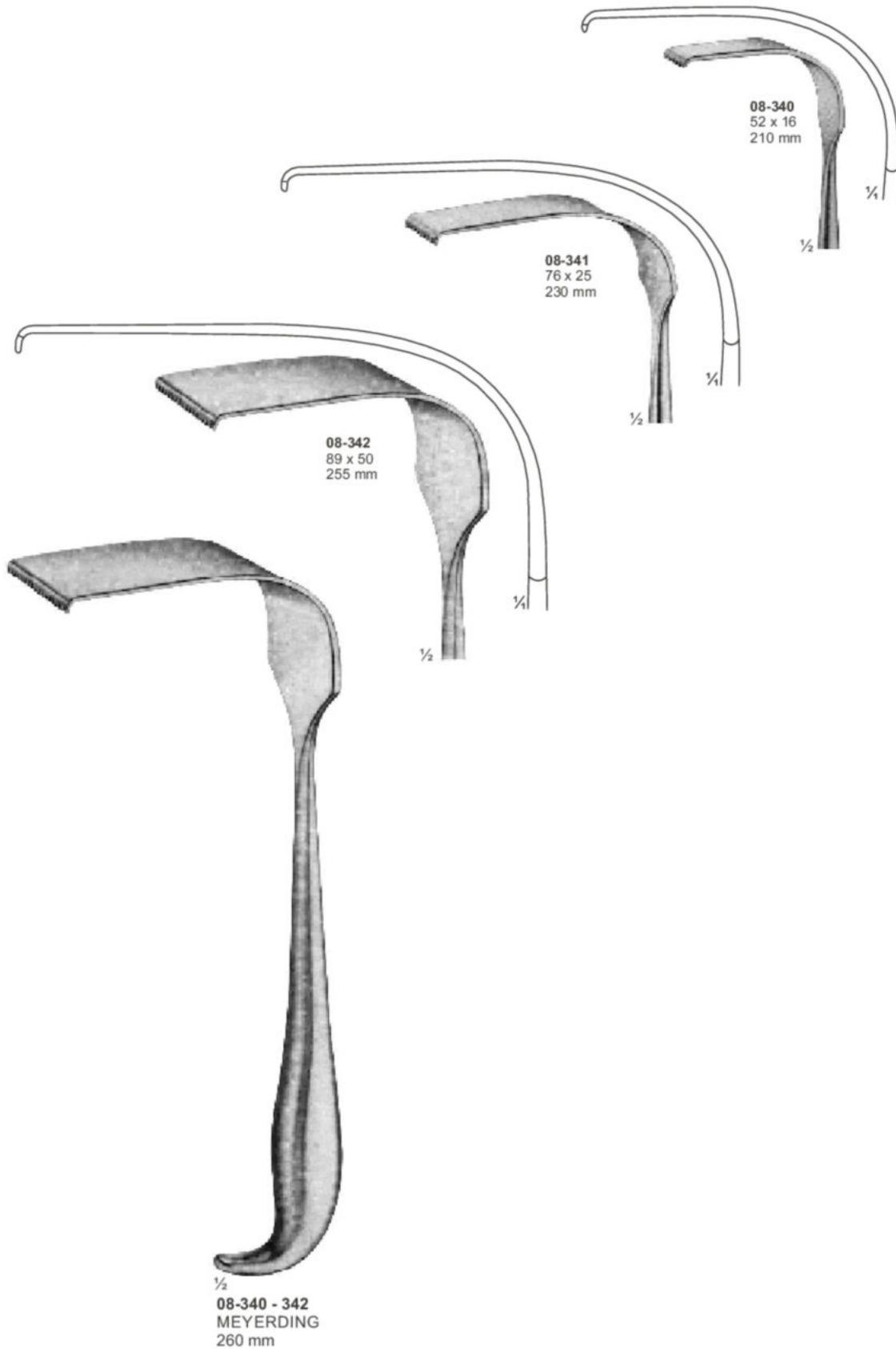


08-335 - 336  
KELLY  
260 mm

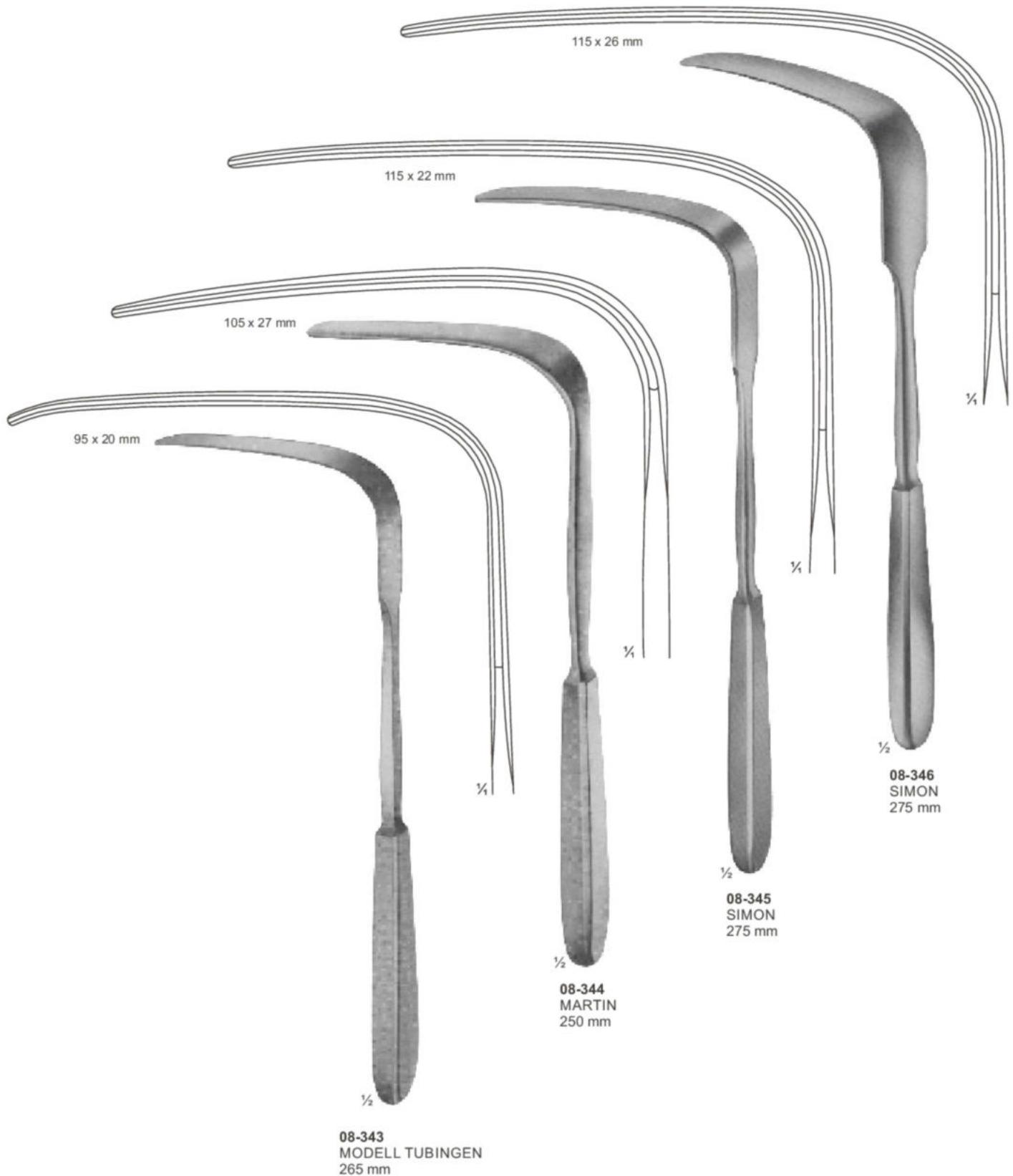


08-337 - 339  
MORRIS  
245 mm

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



- 08-347 - 353  
BRUNNER  
275 mm
- 08-347 80 x 20
- 08-348 100 x 25
- 08-349 120 x 25
- 08-350 130 x 30
- 08-351 140 x 30
- 08-352 160 x 30
- 08-353 180 x 30

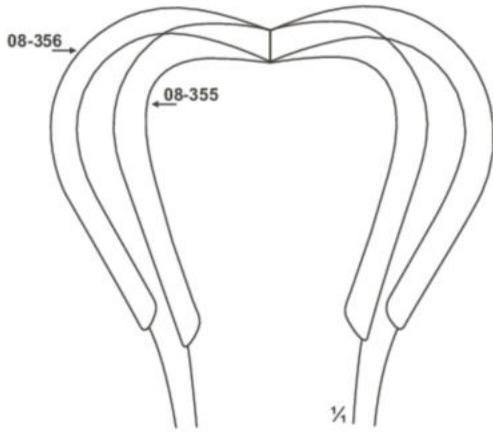


08-354  
Handle with cold  
light carrier for  
retractor blades.  
280 mm



Handle arrange-  
ment verriable

SURGICAL INSTRUMENTS



08-355 - 356  
HARRINGTON  
08-355 123 x 45 mm  
08-356 123 x 64 mm  
Flexible  
295 mm



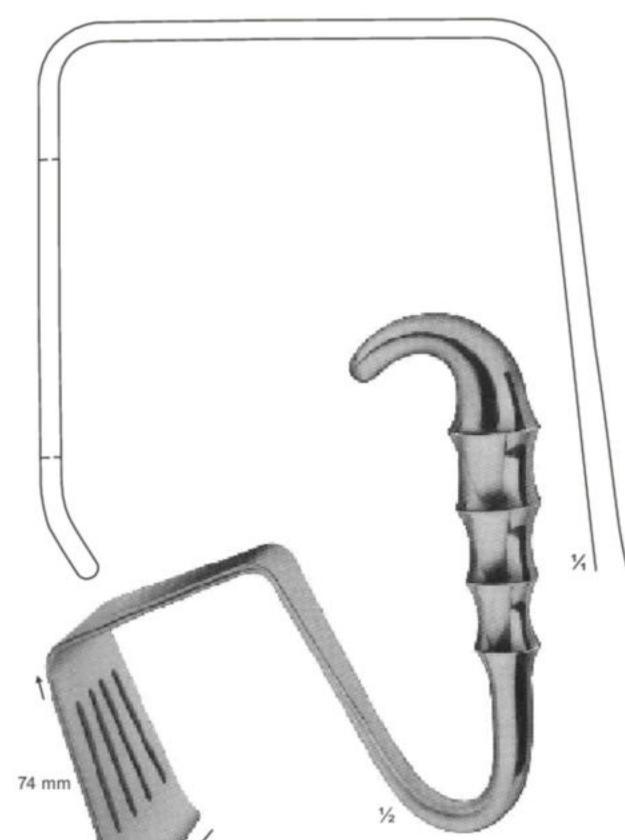
08-357  
ALLISON  
255 mm



08-358  
ALLISON  
320 mm



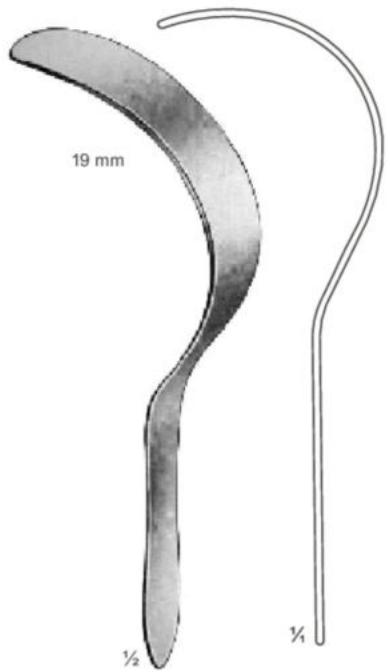
SURGICAL INSTRUMENTS



**08-359**  
DAVIDSON  
Scapula Retractor  
195 mm



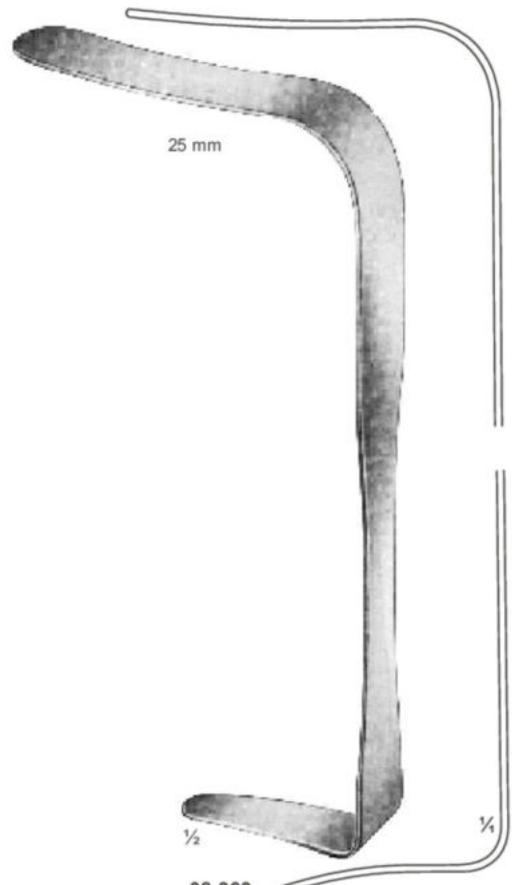
**08-360**  
ZENKER  
240 mm



**08-361**  
DEEVER  
180 mm  
Fia. 000



**08-362**  
DEEVER  
215 mm  
Fia. 00



**08-363**  
DEEVER  
235 mm  
Fia. 0

SURGICAL INSTRUMENTS



**08-364**  
DEAVER  
300 mm  
Fig. 1

**08-365**  
DEAVER  
315 mm  
Fig. 2

**08-366**  
DEAVER  
365 mm  
Fig. 2

SURGICAL INSTRUMENTS



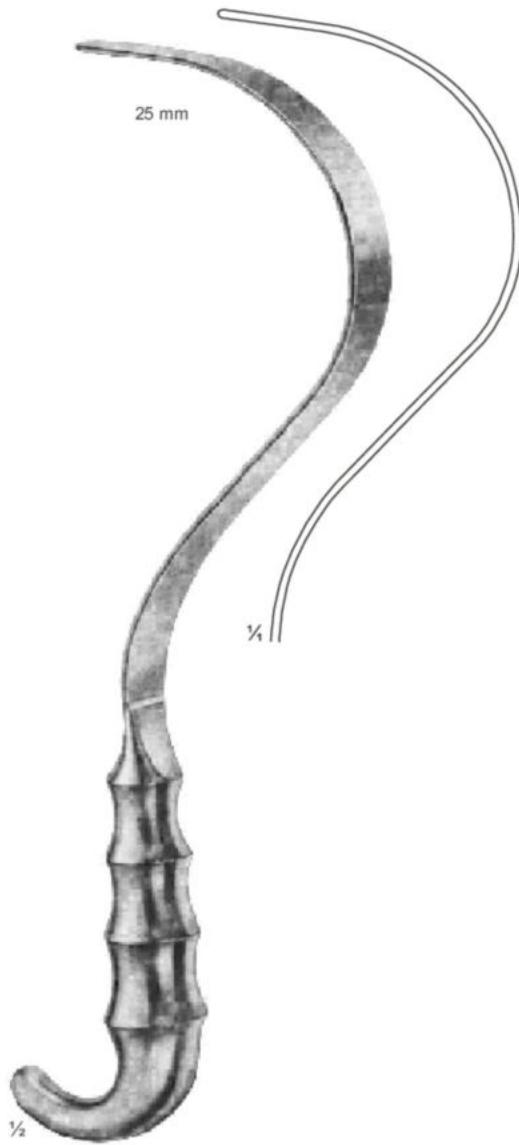
08-367  
DEAVER  
300 mm  
Fig. 3

08-368  
DEAVER  
310 mm  
Fig. 4

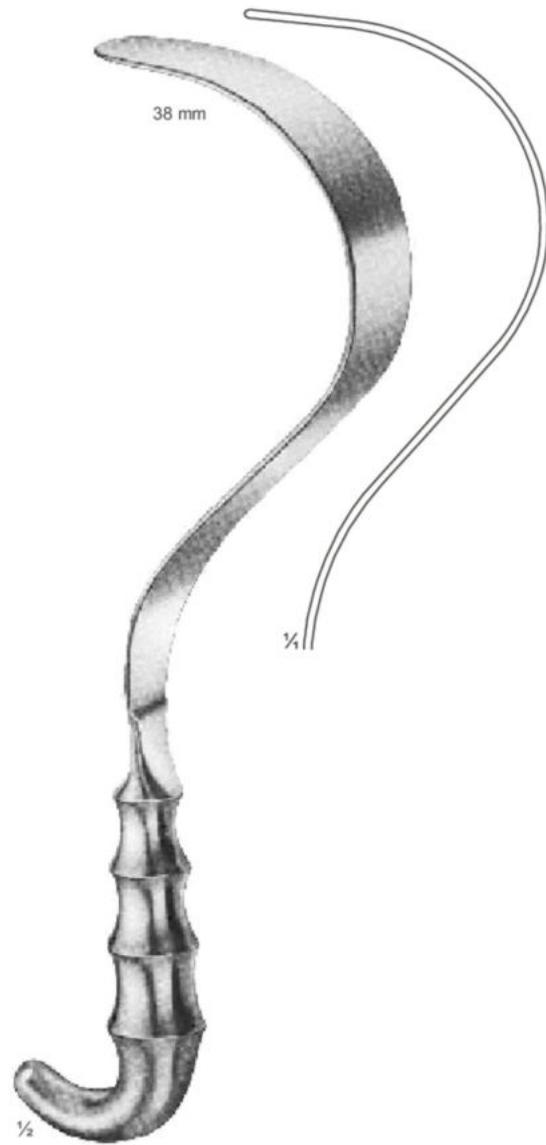
08-369  
DEAVER  
320 mm  
Fig. 5



SURGICAL INSTRUMENTS



08-370  
DEAVER  
310 mm  
Fig. 1



08-371  
DEAVER  
310 mm  
Fig. 3

SURGICAL INSTRUMENTS

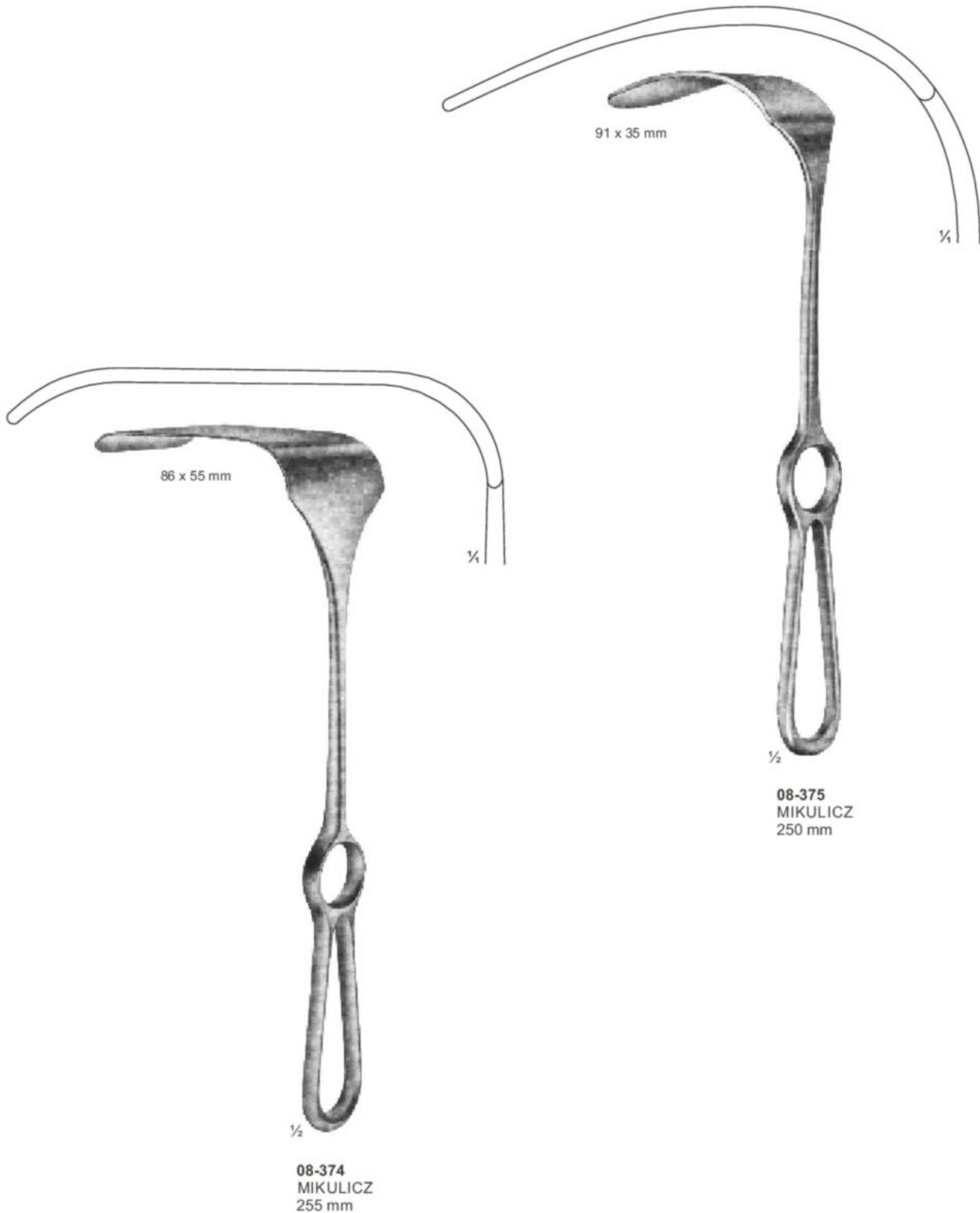


08-372  
DEAVER  
305 mm  
Fig. 3

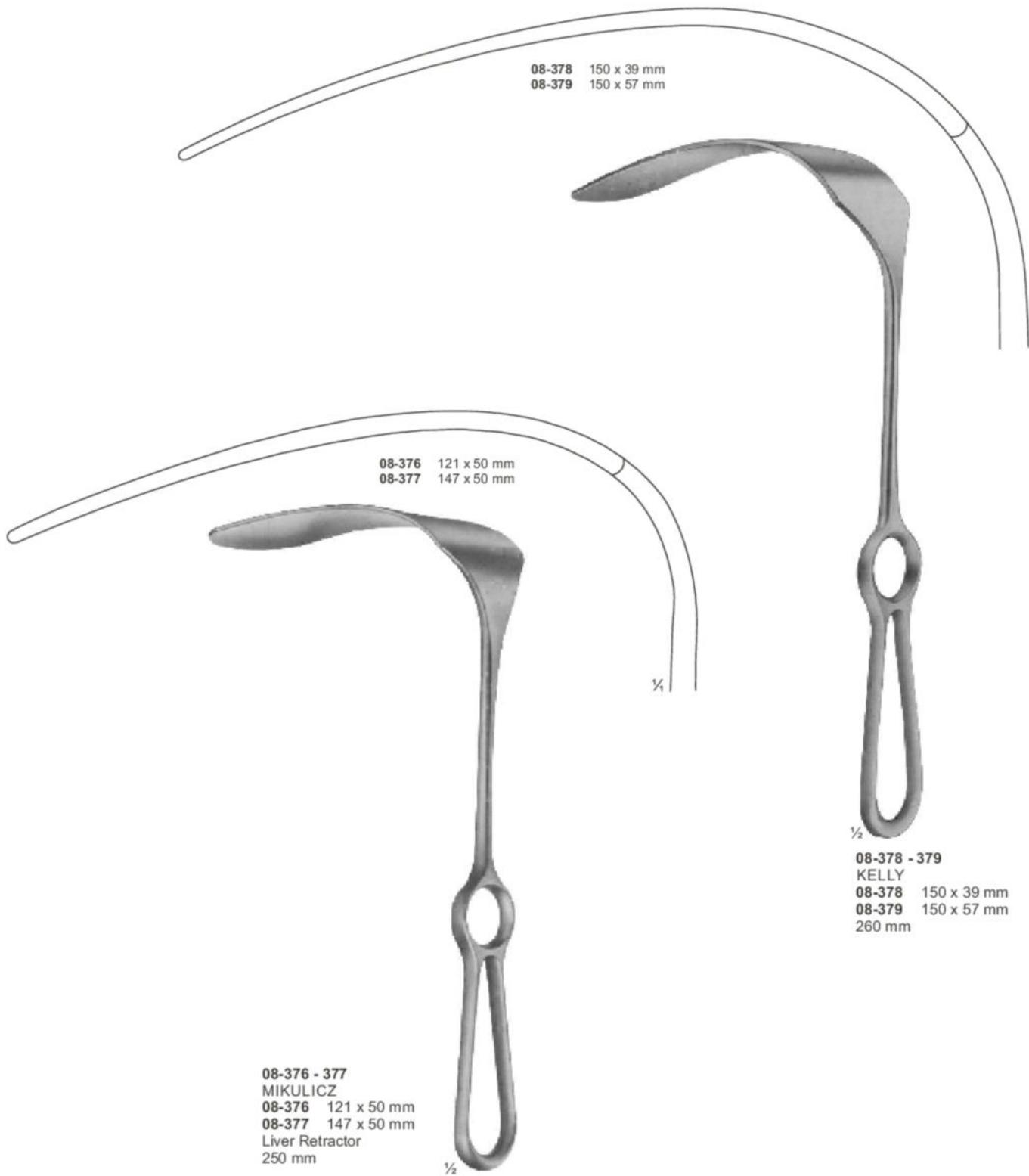


08-373  
DEAVER  
310 mm  
Fig. 4

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



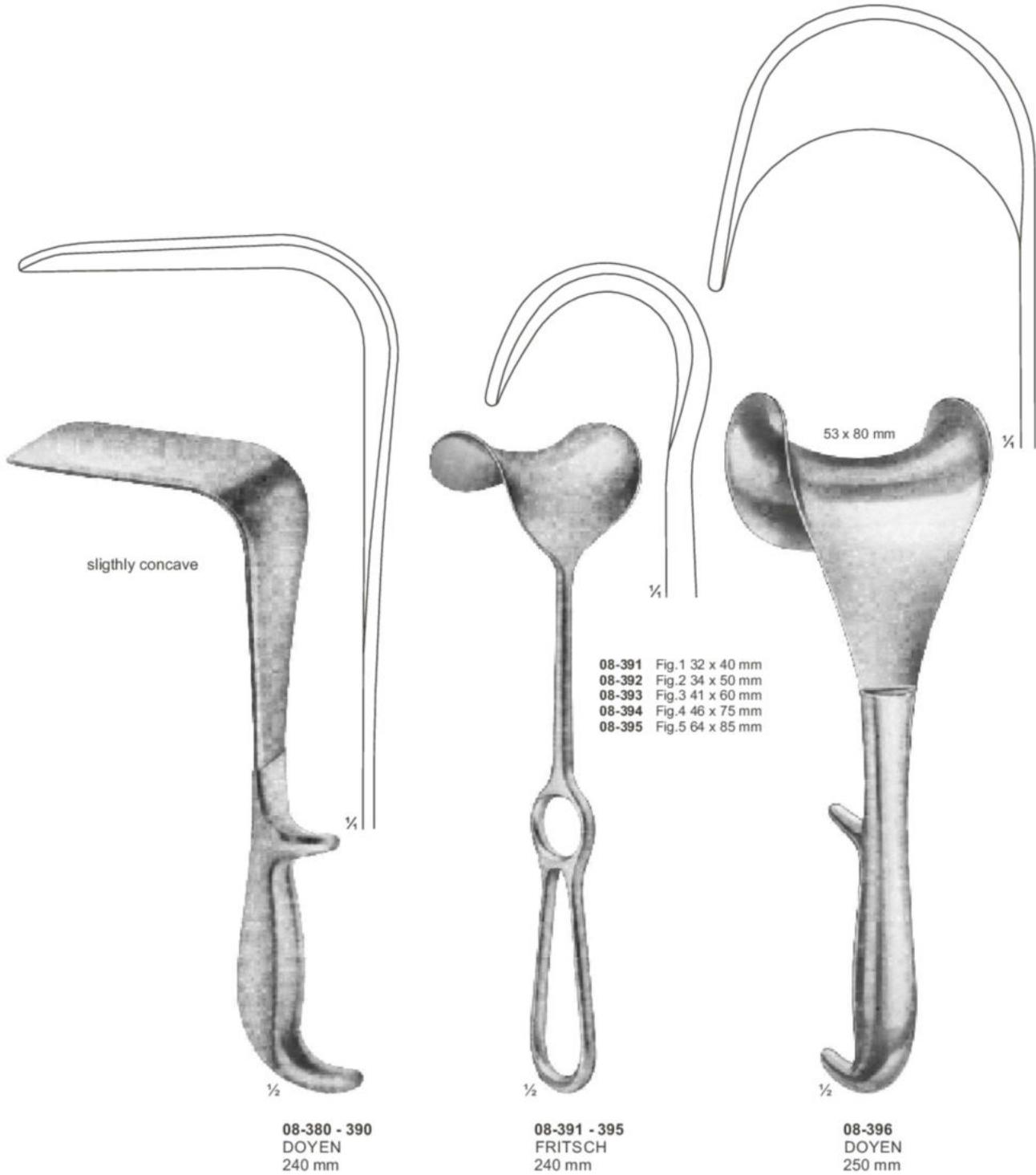
08-378 150 x 39 mm  
08-379 150 x 57 mm

08-376 121 x 50 mm  
08-377 147 x 50 mm

08-378 - 379  
KELLY  
08-378 150 x 39 mm  
08-379 150 x 57 mm  
260 mm

08-376 - 377  
MIKULICZ  
08-376 121 x 50 mm  
08-377 147 x 50 mm  
Liver Retractor  
250 mm

SURGICAL INSTRUMENTS



**Width of Blades**  
35 mm, 45 mm, 60 mm

**Length of Blades**  
62 mm    08-380, 08-381, 08-382  
92 mm    08-383, 08-384, 08-385  
122 mm   08-386, 08-387, 08-388  
160 mm   08-389, 08-390



SURGICAL INSTRUMENTS



**08-397 - 401**  
**ROCHARD**  
 310 mm  
**08-397** 48 x 90 mm  
**08-398** 48 x 105 mm  
**08-399** 48 x 120 mm  
**08-400** 48 x 135 mm  
**08-401** 48 x 155 mm



**08-402**



**08-403 - 406**  
**DOYEN**  
 280 mm  
**08-403** 48 x 90 mm  
**08-404** 48 x 105 mm  
**08-405** 48 x 120 mm  
**08-406** 48 x 135 mm

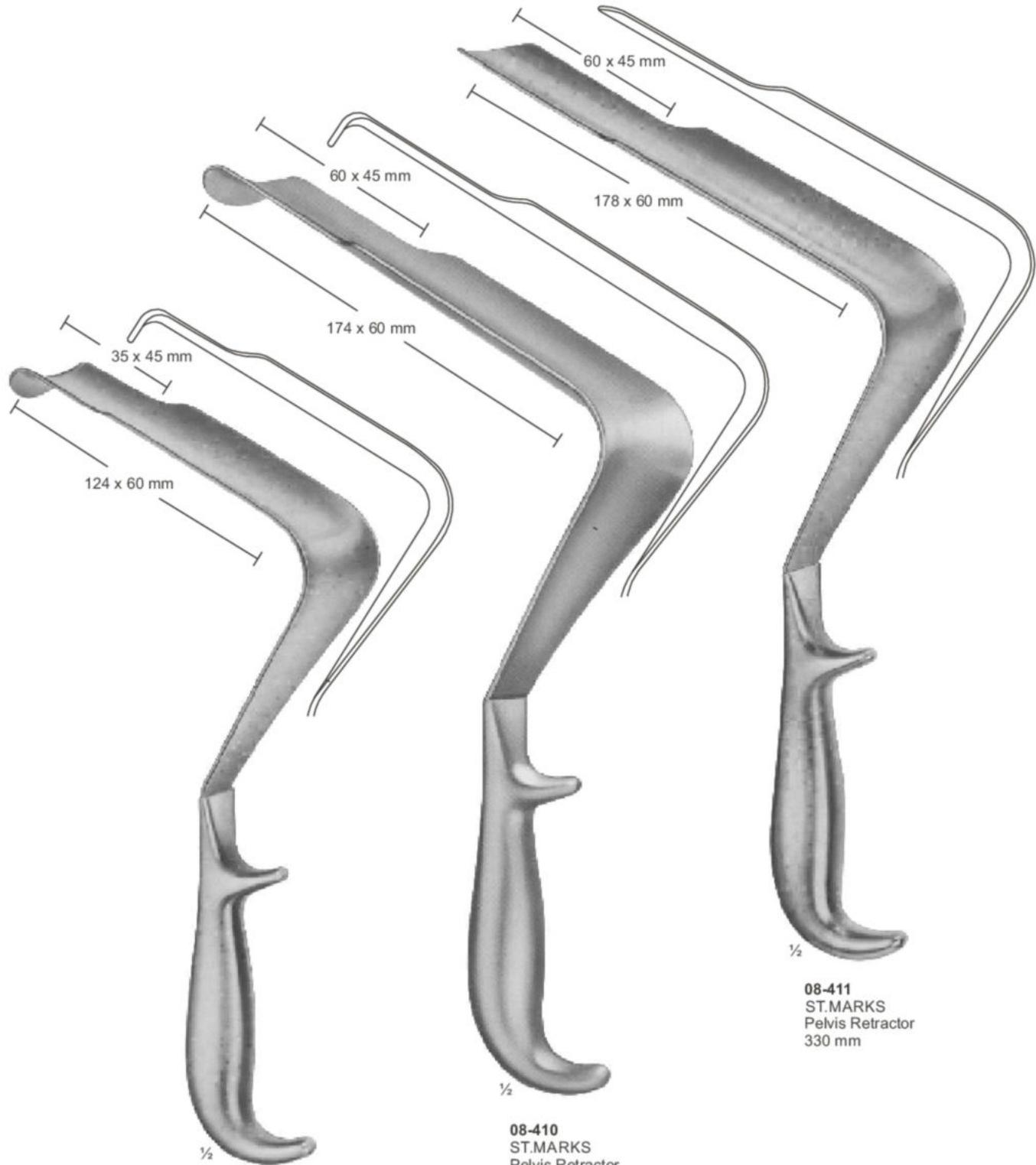


**08-407**  
**DOYEN-CHILD**  
 Fixation device  
 220 mm



**08-408**  
 Chain with  
 weight (747 / 645g)  
 790 mm

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



**08-412**  
LERICHE  
255 mm

**08-413**  
KUMMEL  
Malleable  
285 mm

**08-414**  
MIKULICZ  
29 mm  
250 mm

**08-415 - 416**  
KADER  
**08-415** 30 mm  
**08-416** 40 mm  
270 mm



SURGICAL INSTRUMENTS



**08-417**  
REVERDIN  
285 mm



**08-418**  
HABERER  
Malleable  
305 mm



**08-419** 30 mm  
**08-420** 40 mm  
**08-421** 50 mm  
Malleable  
330 mm



**08-422**  
TUFFIER  
Malleable  
200 mm

SURGICAL INSTRUMENTS



08-423  
BOSE  
60 mm



08-424  
FINSEN  
50 mm



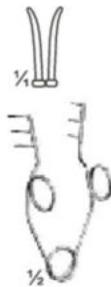
08-425  
FINSEN  
70 mm



08-426  
FINSEN modif.  
75 mm



08-427  
45 mm



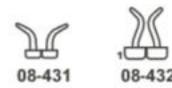
08-428  
55 mm



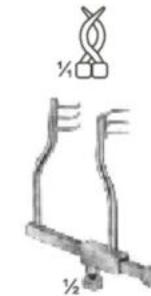
08-429  
MUELLER  
65 mm



08-430  
100 mm



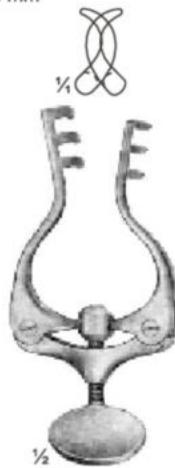
08-431 - 432  
ALM  
08-431 70 mm  
08-432 100 mm



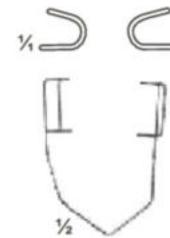
08-433  
LOGAN  
modif. REILL  
50 mm



08-434  
JANSEN  
100 mm



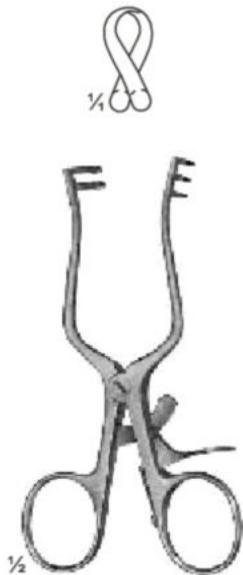
08-435  
JANSEN  
100 mm



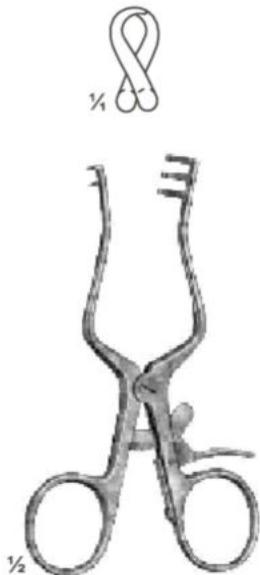
08-436  
BARRAQUER  
45 mm



SURGICAL INSTRUMENTS



**08-437**  
WEITLANER  
Sharp  
110 mm



**08-438**  
WEITLANER  
Semi-Sharp  
110 mm



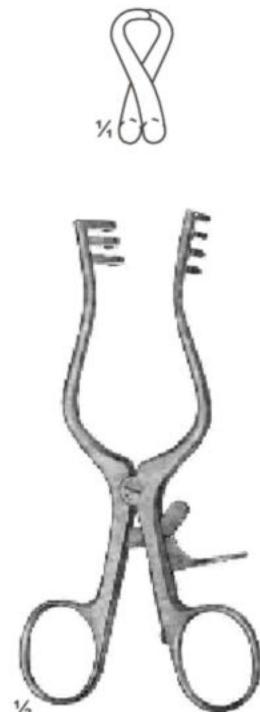
**08-439**  
WEITLANER  
Blunt  
110 mm



**08-440**  
WEITLANER  
Sharp  
130 mm

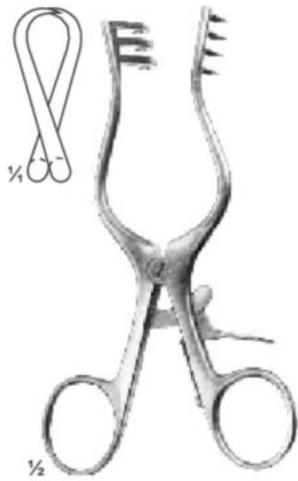


**08-441**  
WEITLANER  
Semi-Sharp  
130 mm

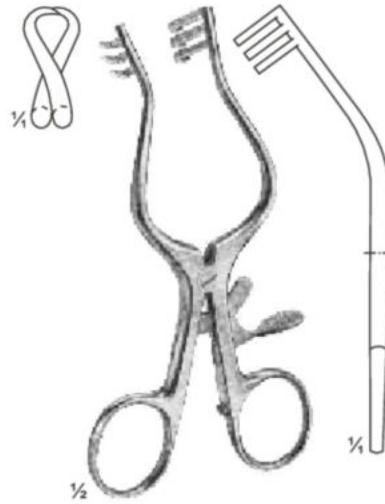


**08-442**  
WEITLANER  
Blunt  
130 mm

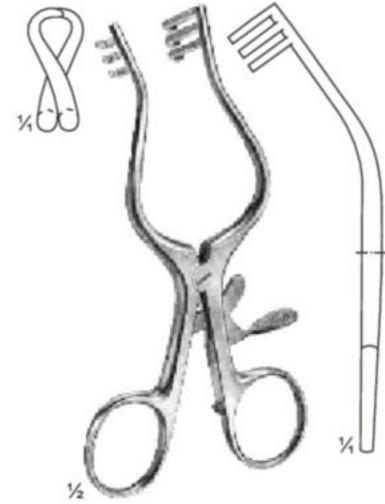
SURGICAL INSTRUMENTS



**08-443**  
WEITLANER  
Sharp  
130 mm



**08-444**  
WULLSTEIN  
Sharp  
130 mm



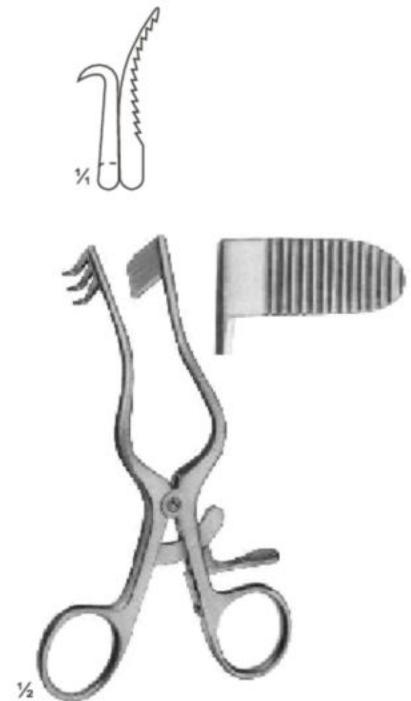
**08-445**  
WULLSTEIN  
Blunt  
130 mm



**08-446**  
WEITLANER  
Sharp  
165 mm



**08-447**  
PLESTER  
Blunt  
110 mm

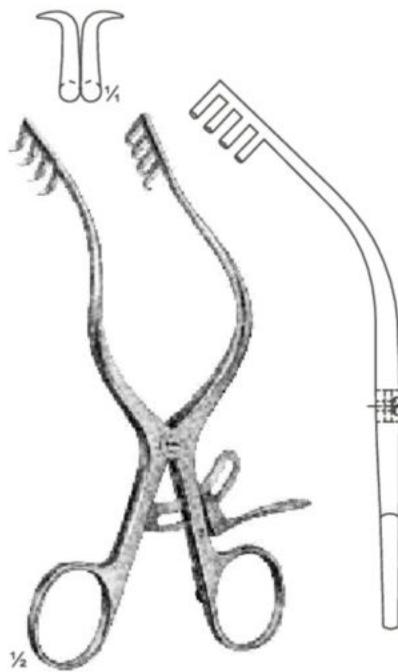


**08-448**  
PERKINS  
130 mm

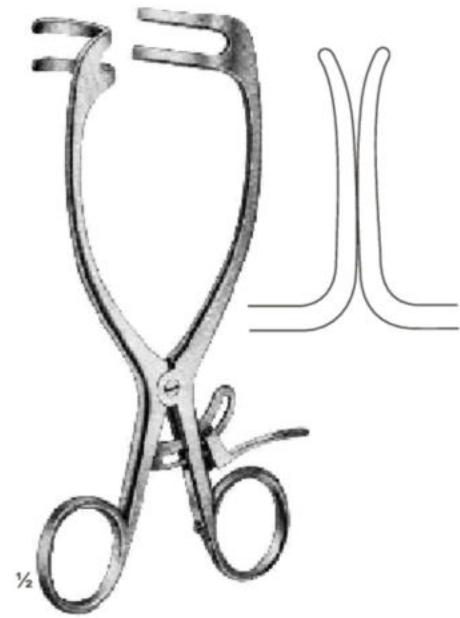
SURGICAL INSTRUMENTS



08-449  
ADSON-BABY  
Blunt  
140 mm

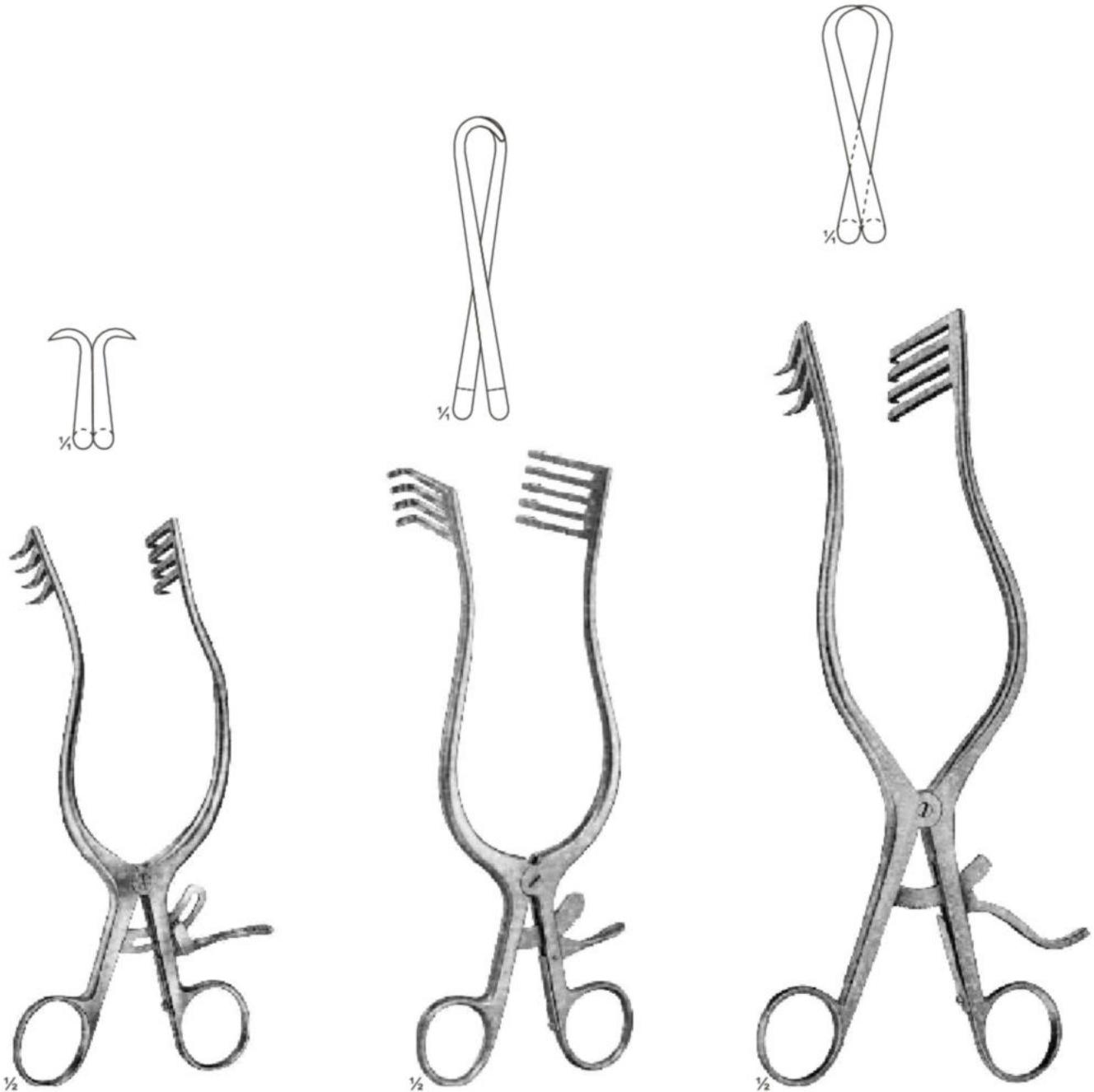


08-450  
MOLLISON  
Sharp  
155 mm



08-451  
MAYO-ADAMS  
165 mm

SURGICAL INSTRUMENTS

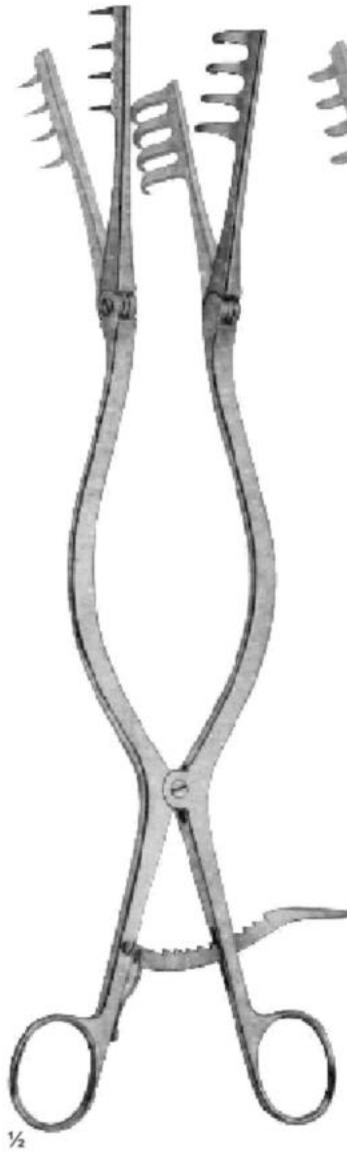
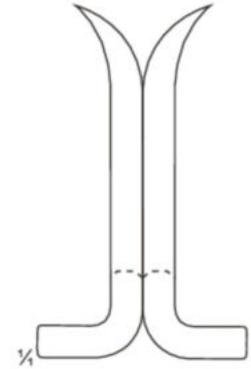
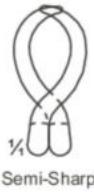


08-452  
ANDERSON-ADSON  
Sharp  
190 mm

08-453  
NORFOLK and  
NORWICH  
Blunt  
220 mm

08-454  
ADSON  
Sharp  
265 mm

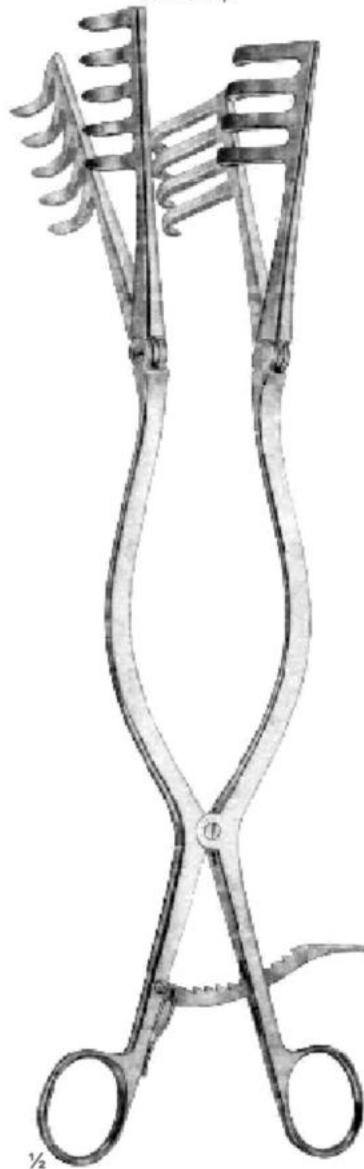
SURGICAL INSTRUMENTS



08-455 - 456  
BECKMANN-ADSON  
Sharp  
310 mm



08-456  
BECKMANN-ADSON  
Semi-Sharp  
310 mm



08-457  
ADSON  
Semi-Sharp  
320 mm



08-458  
BECKMANN-EATON  
Sharp  
320 mm

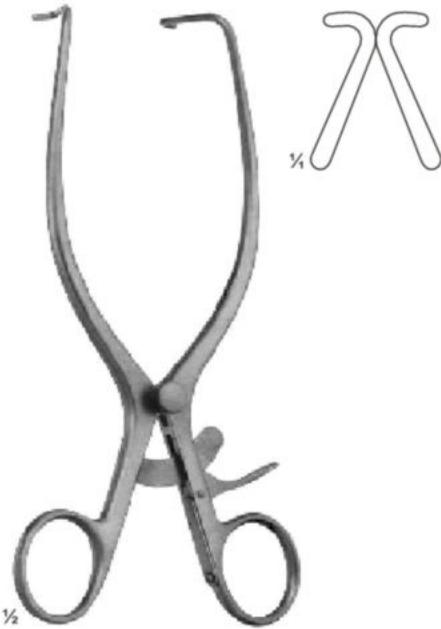


SURGICAL INSTRUMENTS



½

**08-459**  
JOLL ( FRIEDMAN )  
Thyroid- and Vaginal Retractor  
155 mm



½

**08-460**  
JACKSON BURROWS  
Retractor, blunt  
185 mm



½

**08-461**  
GELPI  
Vaginal Retractor  
135 mm



½

**08-462**  
GELPI  
Skin- and Vaginal Retractor  
175 mm

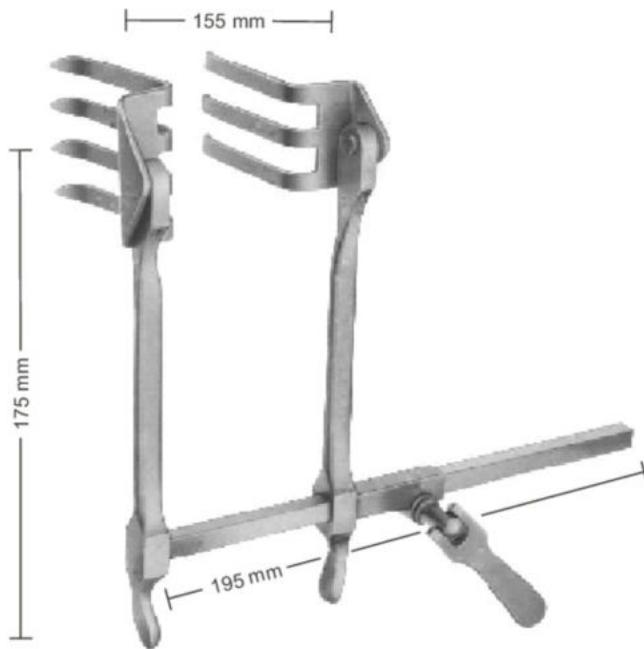


½

**08-463**  
DE BAKEY  
Femur Retractor  
145 mm



SURGICAL INSTRUMENTS



**08-464 - 468**  
SCOVILLE-RICHTER  
Retractor with 1 pair  
blades reversible type.  
The Retractor bar and  
shanks may be easily  
rotated 180° when  
blades are in situ.



**08-465**  
62 x 52 mm  
PR= Pair

**62 x 37 mm**



**08-466**  
47 x 51 mm



**08-467**  
30 x 40 mm



**08-468**  
37 x 62 mm

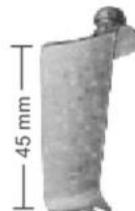
SURGICAL INSTRUMENTS



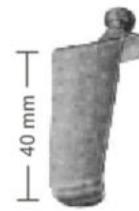
08-469  
CLOWARD modif.  
Spreader Only



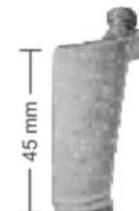
16 mm  
08-470



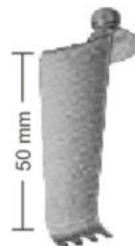
16 mm  
08-471



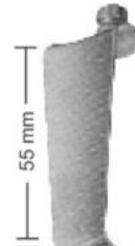
16 mm  
08-475



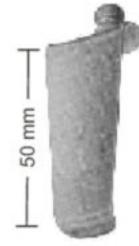
16 mm  
08-476



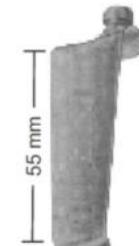
16 mm  
08-472



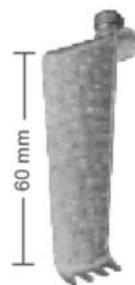
16 mm  
08-473



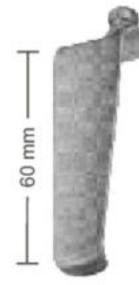
16 mm  
08-477



16 mm  
08-478



16 mm  
08-474

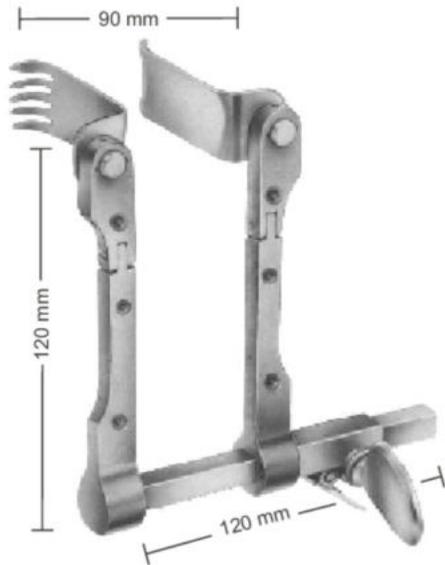


16 mm  
08-479

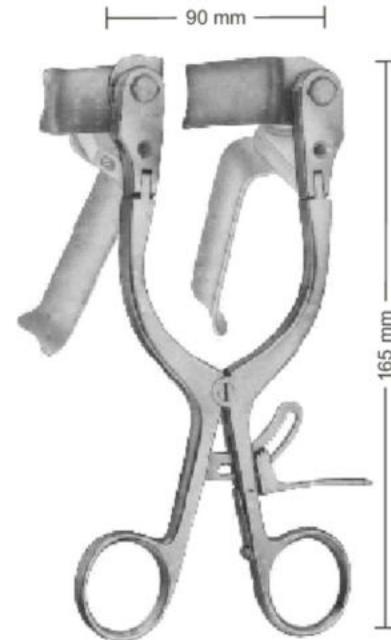
- 08-470 blade
- 08-471 blade
- 08-472 blade
- 08-473 blade
- 08-474 blade

- 08-475 blade
- 08-476 blade
- 08-477 blade
- 08-478 blade
- 08-479 blade

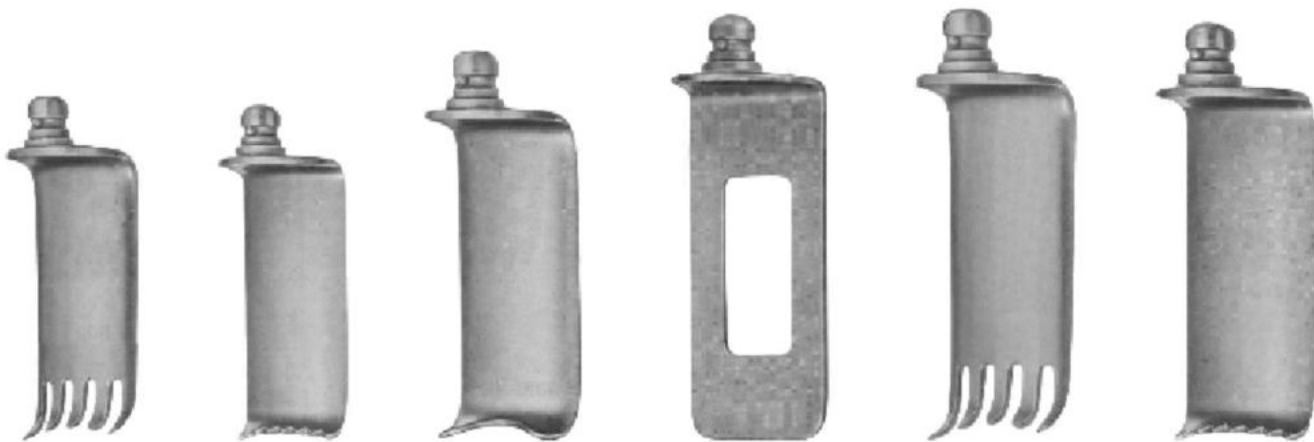
SURGICAL INSTRUMENTS



**08-480**  
CASPAR  
Retractor, adjustable,  
consisting of: 5 medial  
blades, 5 Lateral blades.



**08-480 A**  
CASPAR  
Counter retractor, adjustable,  
consisting of: 5 blades.



**08-481** 40 x 23 mm  
**08-482** 45 x 23 mm  
**08-483** 50 x 23 mm  
**08-484** 55 x 23 mm  
**08-485** 60 x 23 mm  
Medial blades

**08-486** 40 x 23 mm  
**08-487** 45 x 23 mm  
**08-488** 50 x 23 mm  
**08-489** 55 x 23 mm  
**08-490** 60 x 23 mm  
Lateral blades

**08-491** 45 x 23 mm  
**08-492** 50 x 23 mm  
**08-493** 55 x 23 mm  
**08-494** 60 x 23 mm  
**08-495** 65 x 23 mm  
Blunt blades

**08-496** 50 x 25 mm  
**08-497** 60 x 25 mm  
Blunt blades,  
for harvesting of the  
fusion graft from the  
iliac crest

**08-498** 40 x 25 mm  
**08-499** 45 x 25 mm  
**08-500** 50 x 25 mm  
**08-501** 55 x 25 mm  
**08-502** 60 x 25 mm  
Medial Titan blades  
semi transparent to x-ray

**08-503** 40 x 25 mm  
**08-504** 45 x 25 mm  
**08-505** 50 x 25 mm  
**08-506** 55 x 25 mm  
**08-507** 60 x 25 mm  
Lateral Titan blades  
semi transparent to x-ray



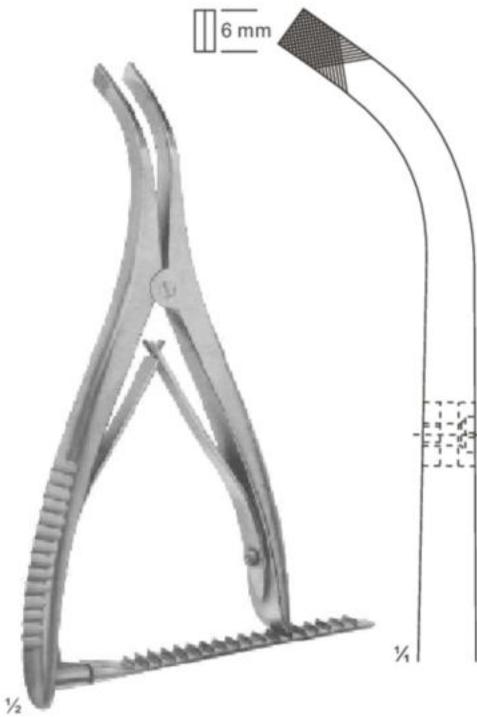
SURGICAL INSTRUMENTS



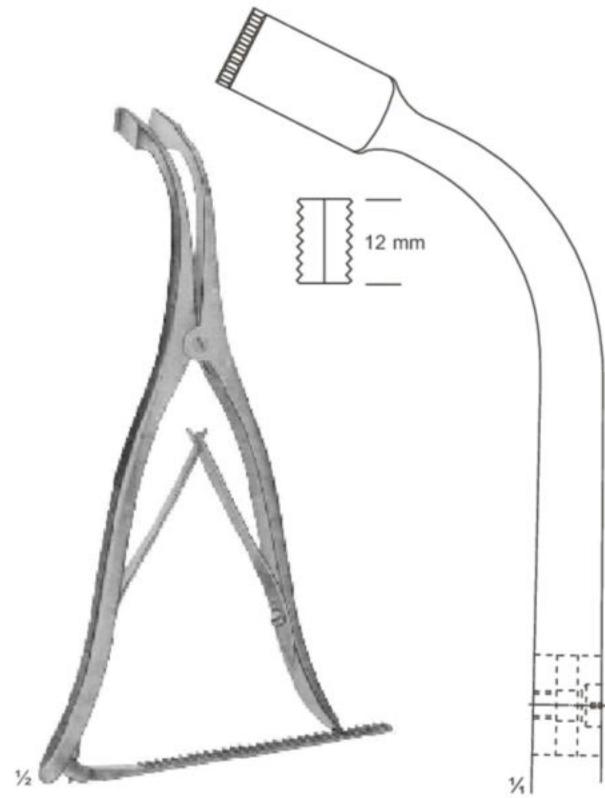
**08-508**  
CLOWARD  
155 mm



**08-509**  
CLOWARD  
135 mm

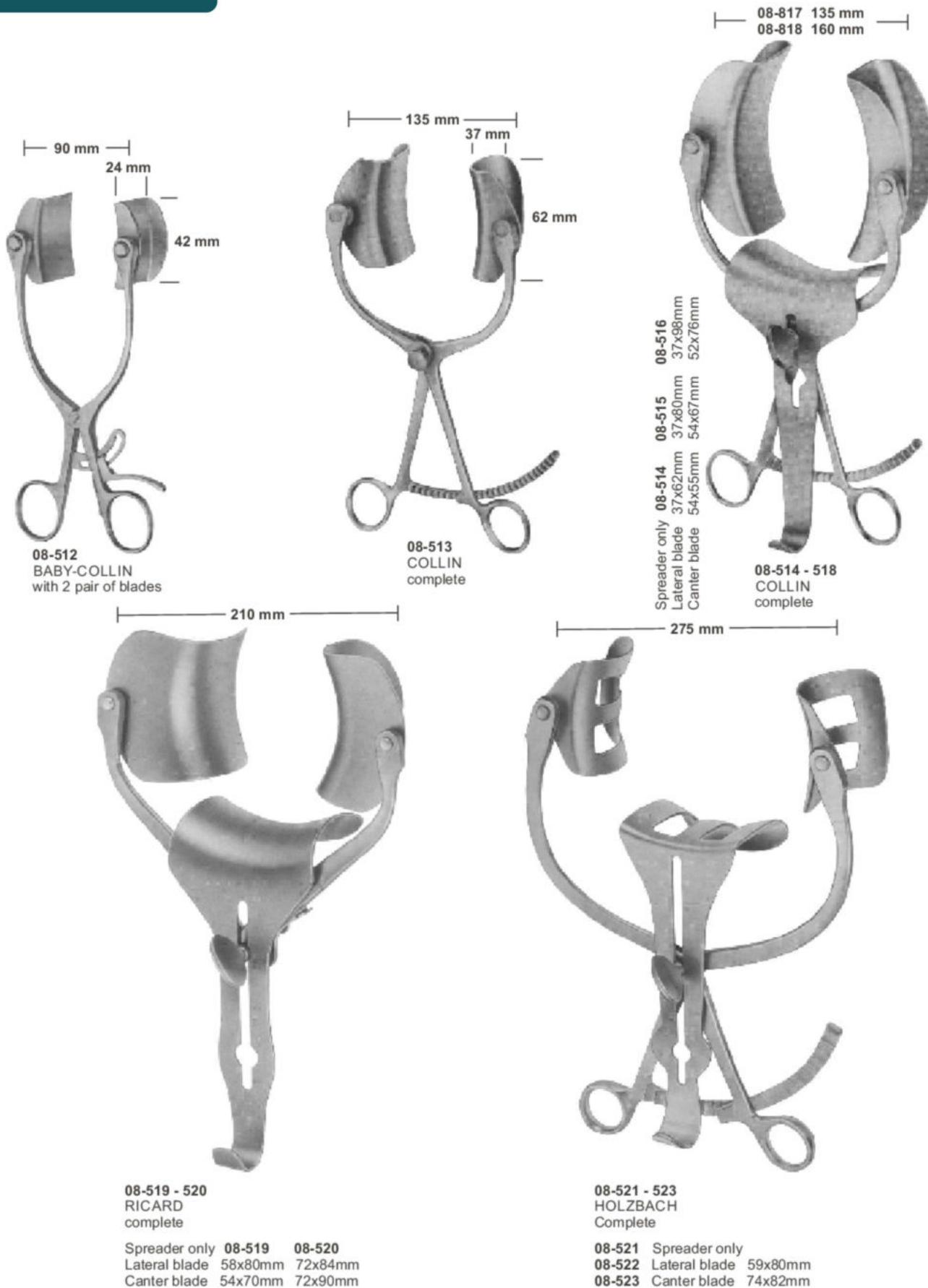


**08-510**  
INGE  
170 mm

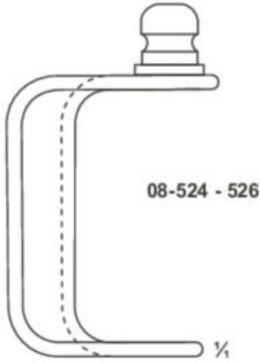


**08-511**  
INGE  
275 mm

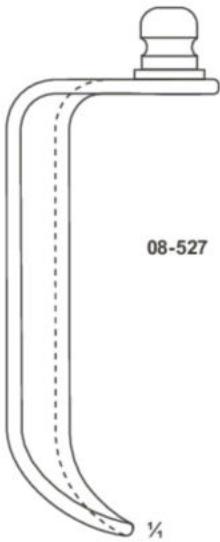
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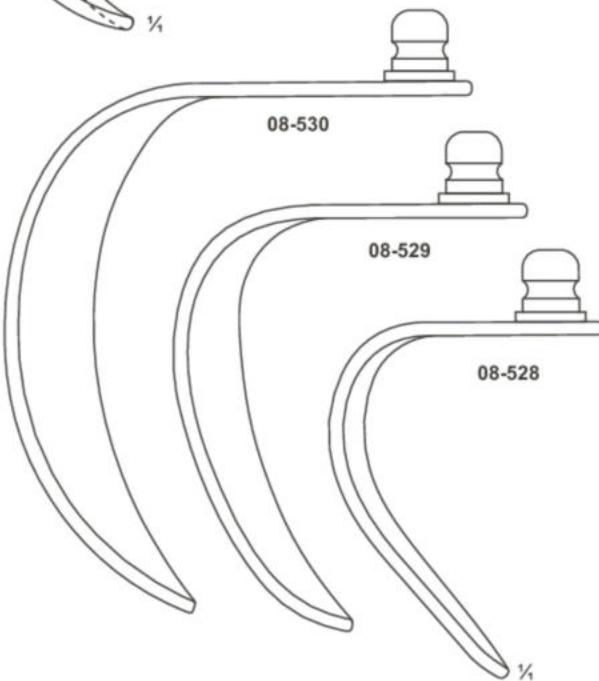
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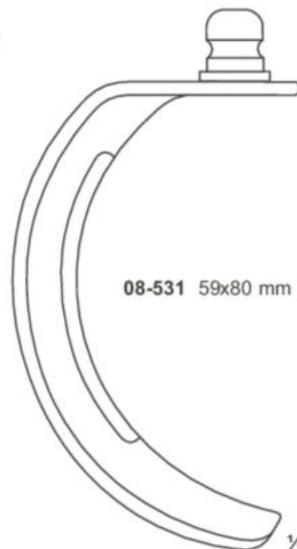
Lateral blades only  
 08-524 37x62 mm  
 08-525 37x80 mm  
 08-526 37x98 mm



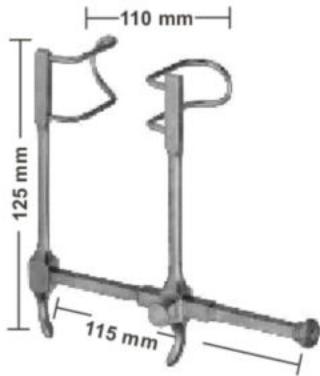
08-527 61x80 mm



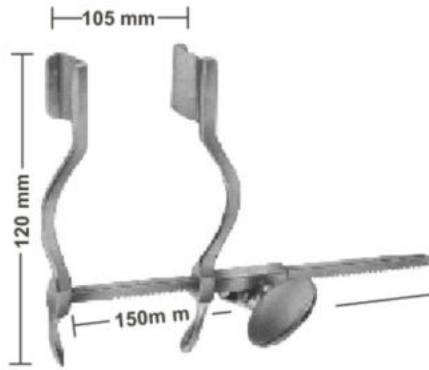
08-528 48x59 mm  
 08-529 58x80 mm  
 08-530 72x84 mm



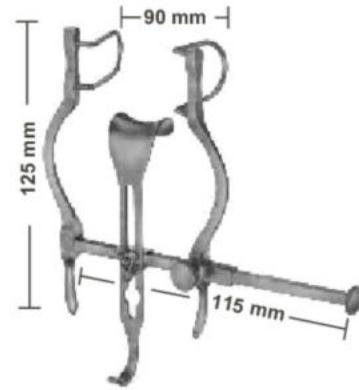
SURGICAL INSTRUMENTS



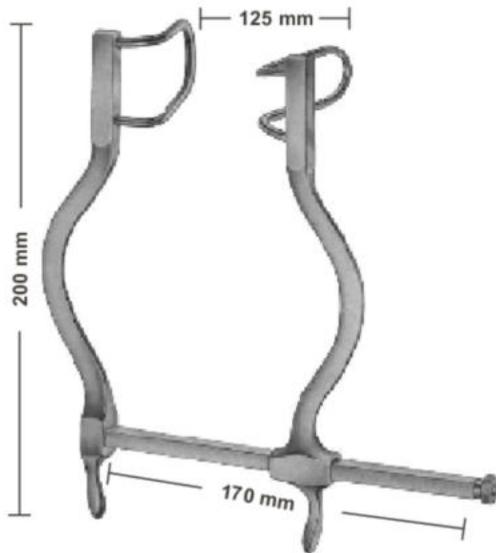
**08-532**  
GOSSET  
Blades:38 mm deep



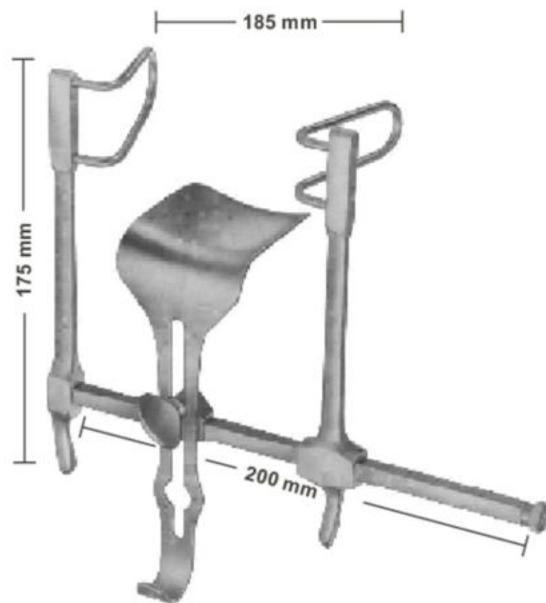
**08-533**  
HERTZLER  
Blades 20 X 25 mm



**08-534**  
BALFOUR-BABY  
Lateral blades 27 mm deep  
Center blade 21x24 mm

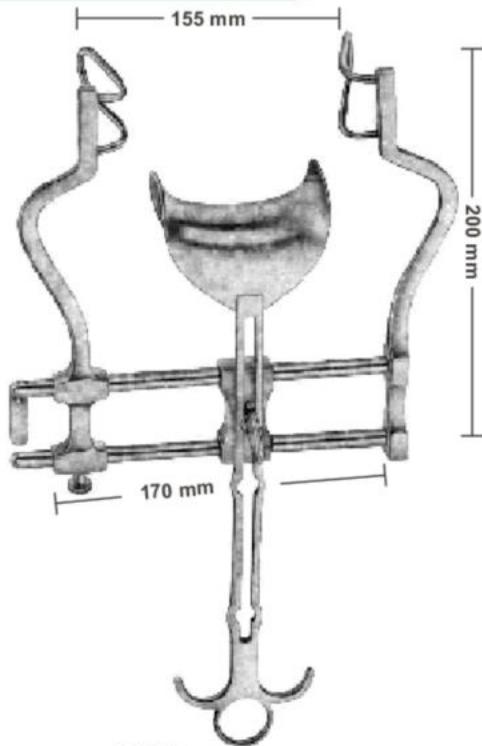


**08-535**  
GOSSET  
Blades:55mm deep

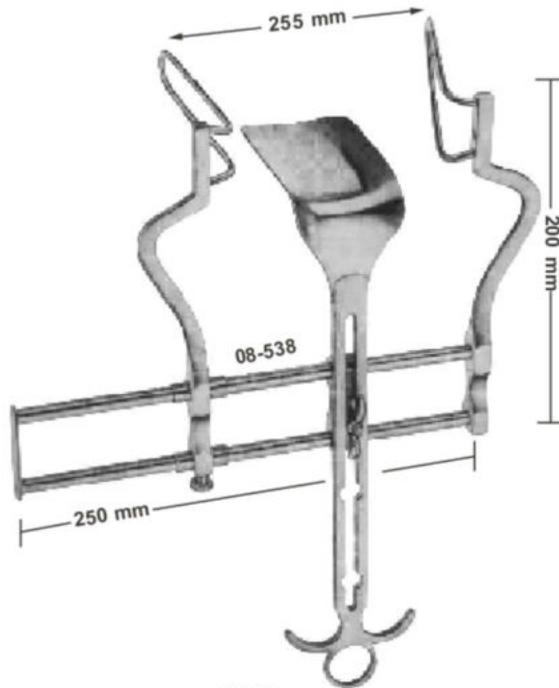


**08-536**  
GOSSET  
Lateral blades 58 mm deep  
Center blade 59 x 57 mm

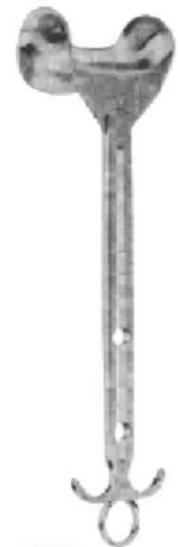
SURGICAL INSTRUMENTS



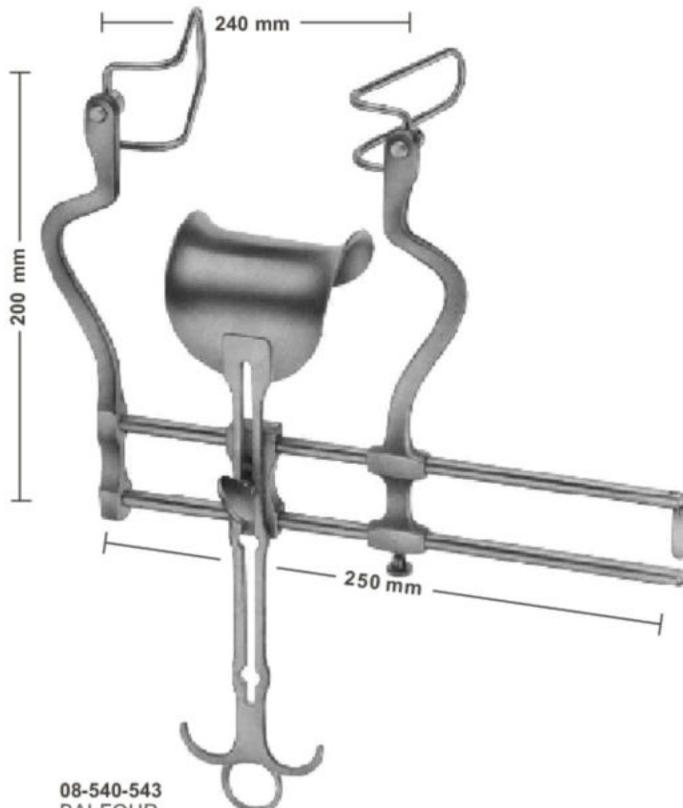
**08-537**  
BALFOUR  
Lateral blades 60 mm deep  
Center blade 47 x 80 mm



**08-538**  
BALFOUR  
Lateral blades 105 mm deep  
Center blade 107x 59 mm



**08-539**  
Center blade only  
54x80 mm



**08-540-543**  
BALFOUR  
Spreader only  
Lateral blades  
Center blade

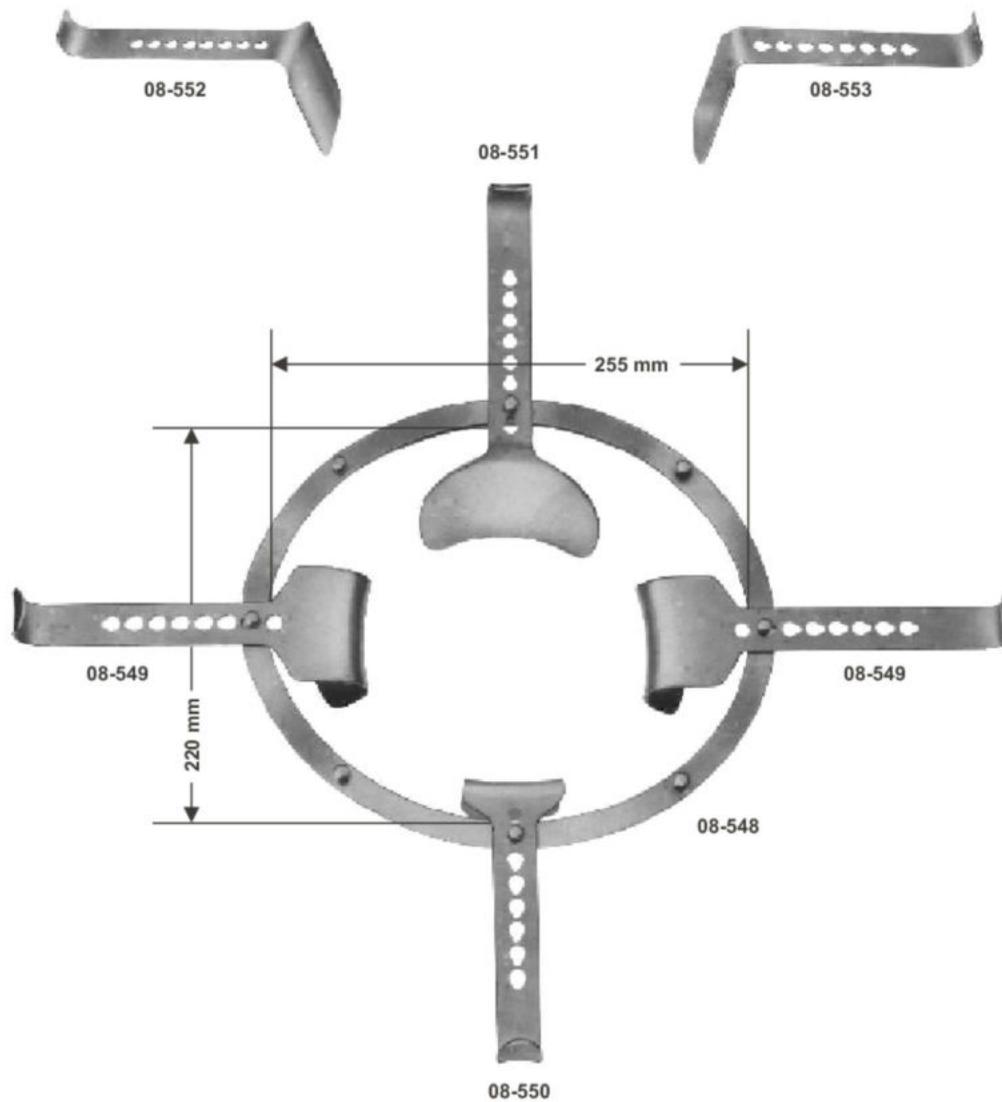
<b>08-540</b>	<b>08-541</b>	<b>08-542</b>	<b>08-543</b>
50 mm	60 mm	75 mm	90 mm
47 x 80 mm	62x76 mm	80x80 mm	80x80 mm



Sales Unit of blades:PR = pair

- Lateral blades
- 08-544** 50 mm deep
- 08-545** 60 mm deep
- 08-546** 75 mm deep
- 08-547** 90 mm deep

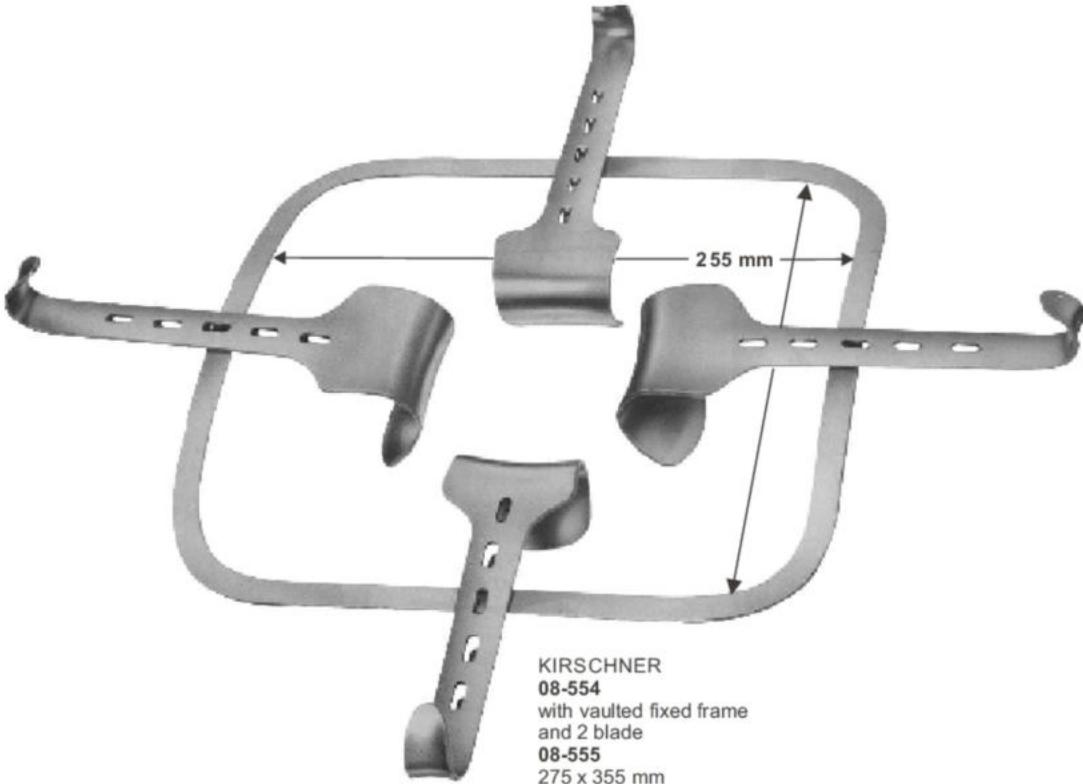
SURGICAL INSTRUMENTS



- 08-548 - 08-553**  
 SEMM  
 consisting of:  
**08-548** 1 frame 225 x 220 mm  
**08-549** 2 blades 46 x 64 mm  
**08-550** 1 blade 53 x 54 mm  
 (for bladder)  
**08-551** 1 blade 82 x 97 mm  
 (for intestine)  
**08-552** 1 blade 98 x 51 mm  
 (for intestine)  
**08-553** 1 blade, narrow  
 107 x 36 mm



SURGICAL INSTRUMENTS



**KIRSCHNER**  
**08-554**  
 with vaulted fixed frame  
 and 2 blade  
**08-555**  
 275 x 355 mm  
 Frame only, over-sized  
**08-556**  
 295 x 275 mm  
 Frame only



**08-557**  
**KIRSCHNER**  
 64 x 80 mm



**08-558**  
**KIRSCHNER-BALFOUR**  
 80x 82 mm

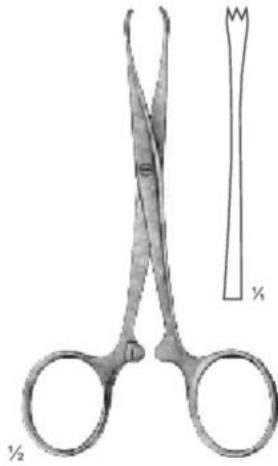


**08-559 - 561**  
**KIRSCHNER**  
**08-559** 90x 69mm  
**08-560** 92x 95mm  
**08-561** 78x 58mm

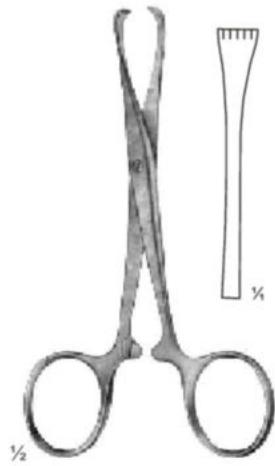


**08-562 - 564**  
**KIRSCHNER**  
**08-562** 108x42mm  
**08-563** 91x 55mm  
**08-564** 121x 55mm

SURGICAL INSTRUMENTS



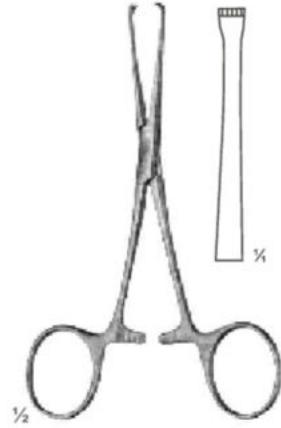
**09-101**  
CHAPUT  
2 X 3 teeth, sharp  
125 mm,



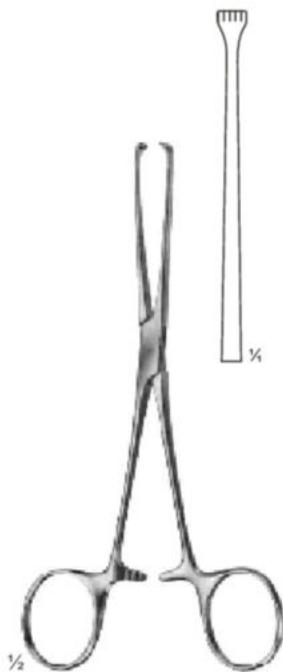
**09-102**  
TUFFIER  
5 X 6 teeth, sharp  
125 mm,



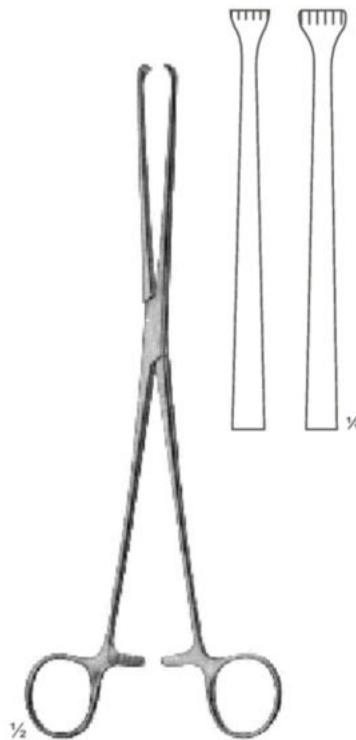
**09-103**  
BOYS-ALLIS  
5 X 6 teeth, sharp  
155 mm,



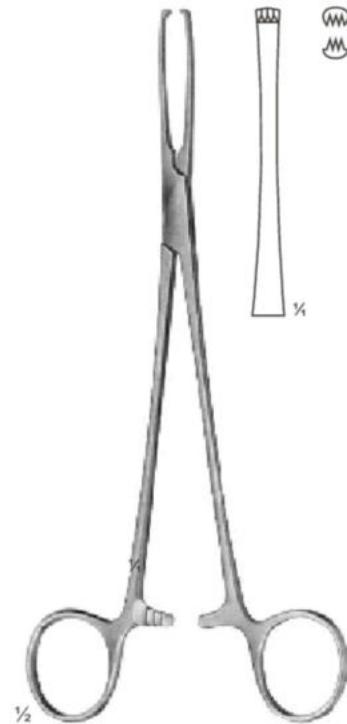
**09-104**  
ALLIS  
4 X 5 teeth  
155 mm,



**09-105**  
ALLIS  
155 mm,  
4 X 5 teeth



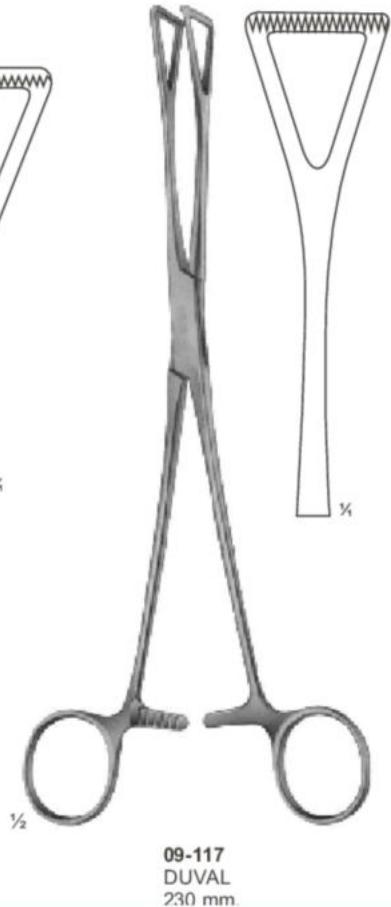
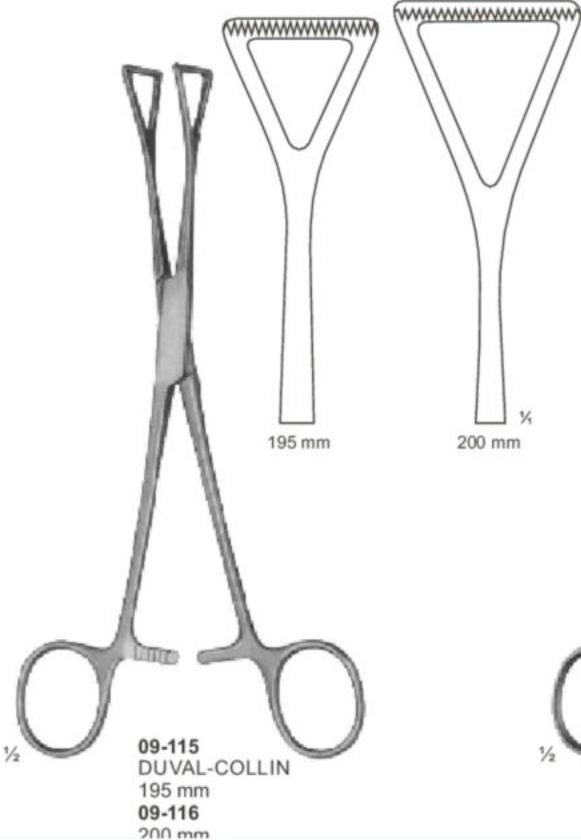
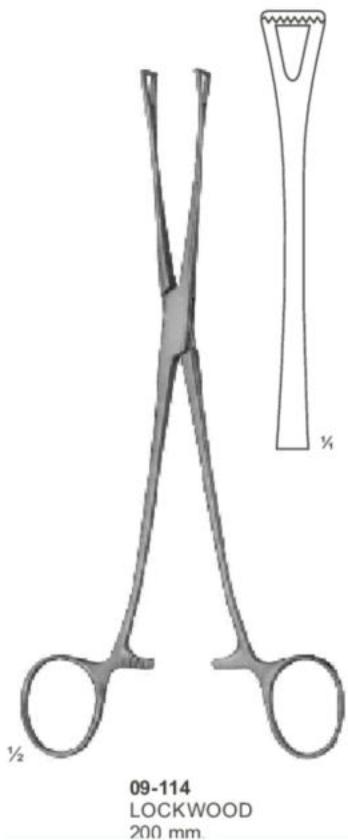
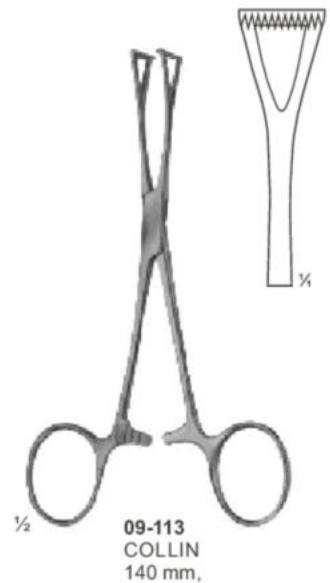
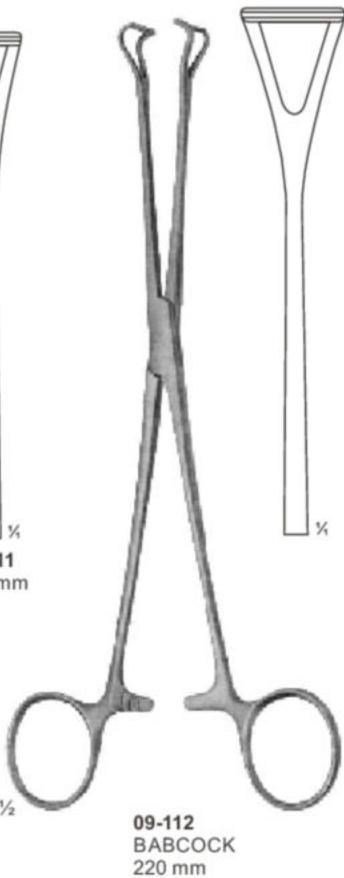
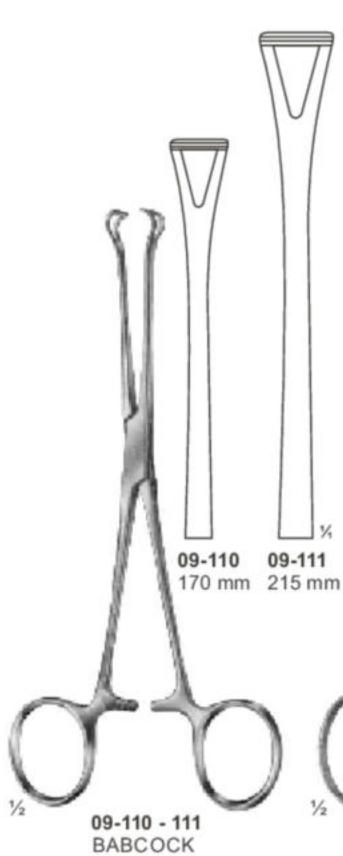
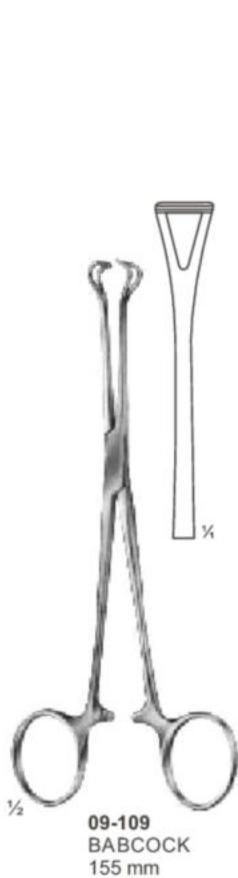
**09-106**  
ALLIS  
190 mm,  
**09-107**  
255 mm,  
5 X 6 teeth



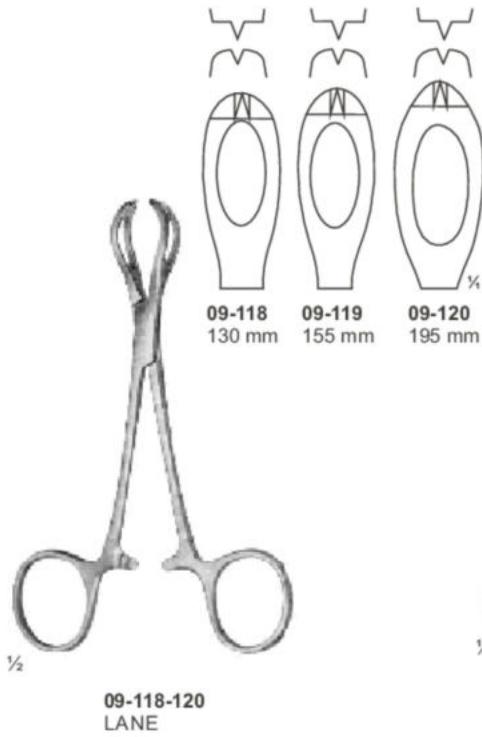
**09-108**  
JUDD-ALLIS  
3 X 4 teeth  
195 mm,



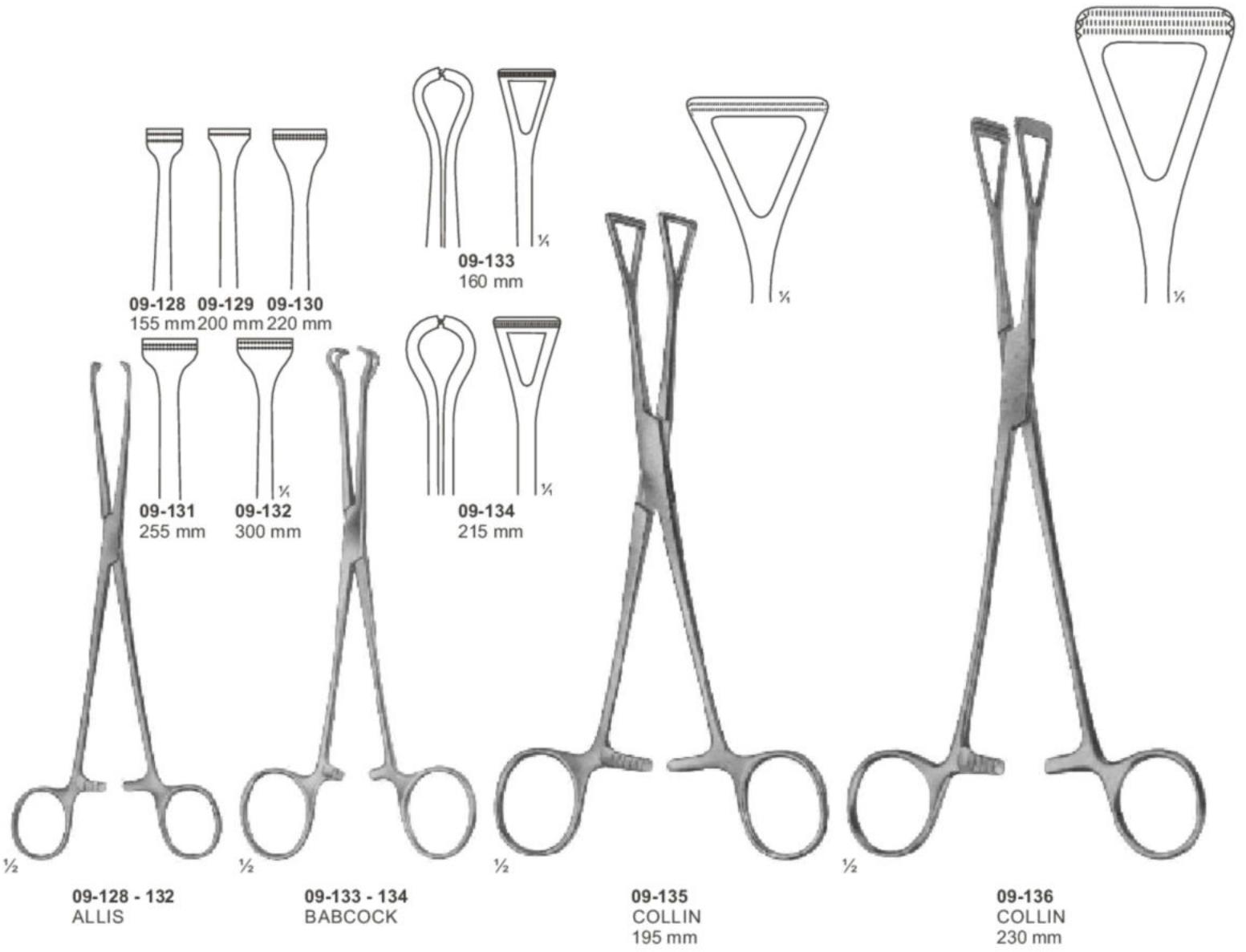
SURGICAL INSTRUMENTS



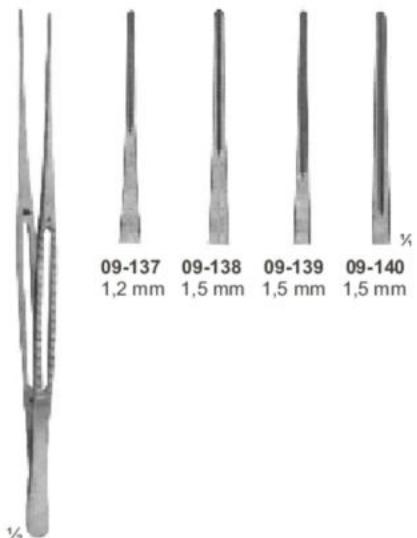
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS

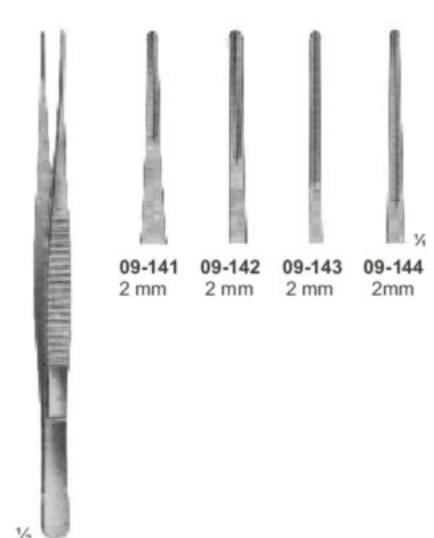


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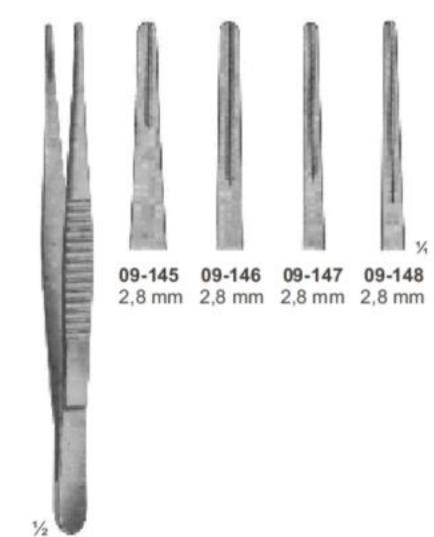
09-137 1,2 mm  
 09-138 1,5 mm  
 09-139 1,5 mm  
 09-140 1,5 mm

1/2  
 09-137 150 mm  
 09-138 200 mm  
 09-139 240 mm  
 09-140 300 mm



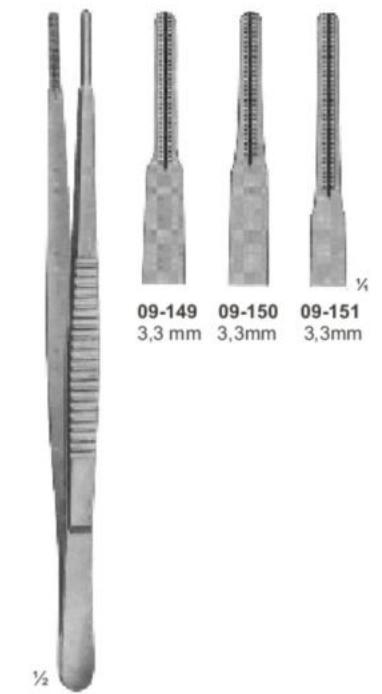
09-141 2 mm  
 09-142 2 mm  
 09-143 2 mm  
 09-144 2mm

1/2  
 DE BAKEY  
 09-141 150 mm  
 09-142 200 mm  
 09-143 240 mm  
 09-144 300 mm



09-145 2,8 mm  
 09-146 2,8 mm  
 09-147 2,8 mm  
 09-148 2,8 mm

1/2  
 DE BAKEY  
 09-145 150 mm  
 09-146 200 mm  
 09-147 240 mm  
 09-148 300 mm

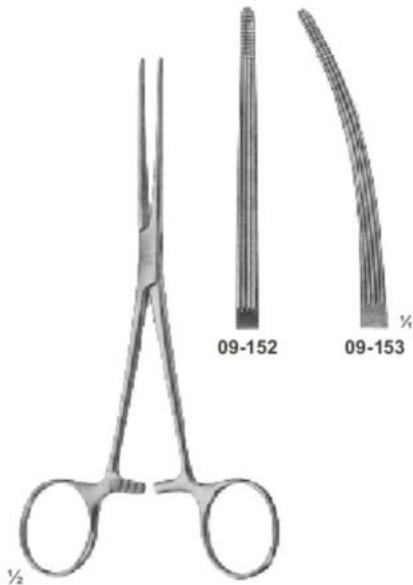


09-149 3,3 mm  
 09-150 3,3mm  
 09-151 3,3mm

1/2  
 DE BAKEY  
 09-149 200 mm  
 09-150 240 mm  
 09-151 300 mm



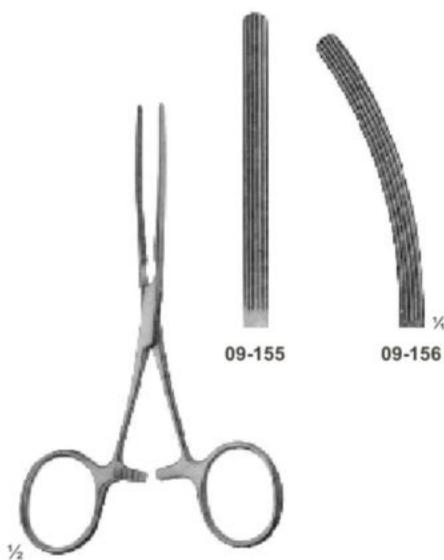
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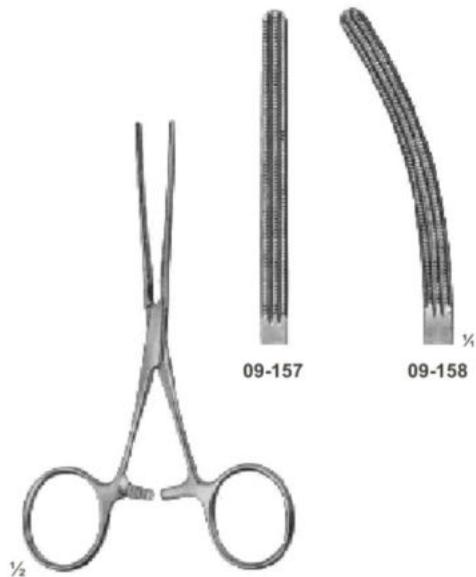
09-152 - 153  
BAINBRIDGE  
155 mm



09-154  
ALLEN  
155 mm

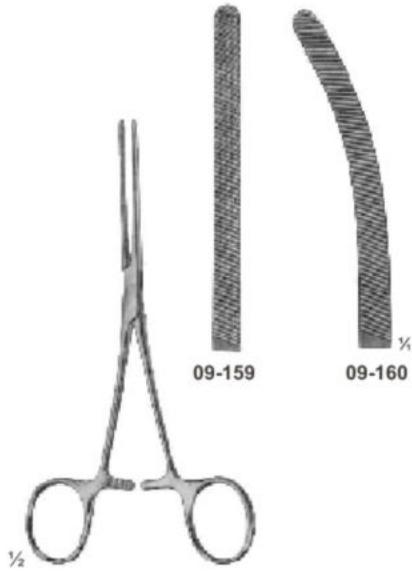


09-155 - 156  
BABY-KOCHER  
very elastic blades  
130 mm

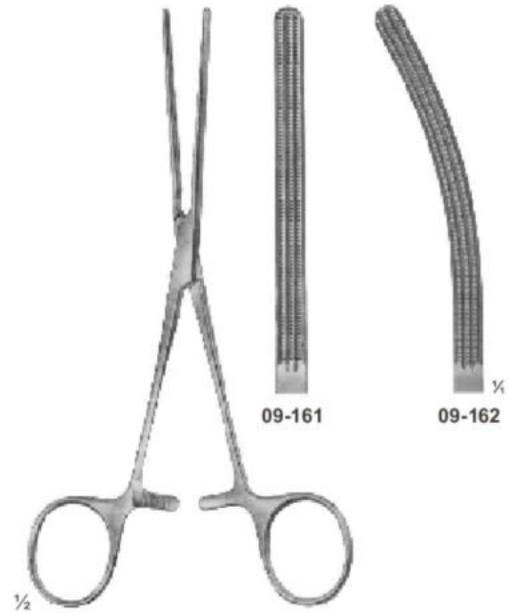


09-157 - 158  
BABY-KOCHER  
with elastic blades  
130 mm

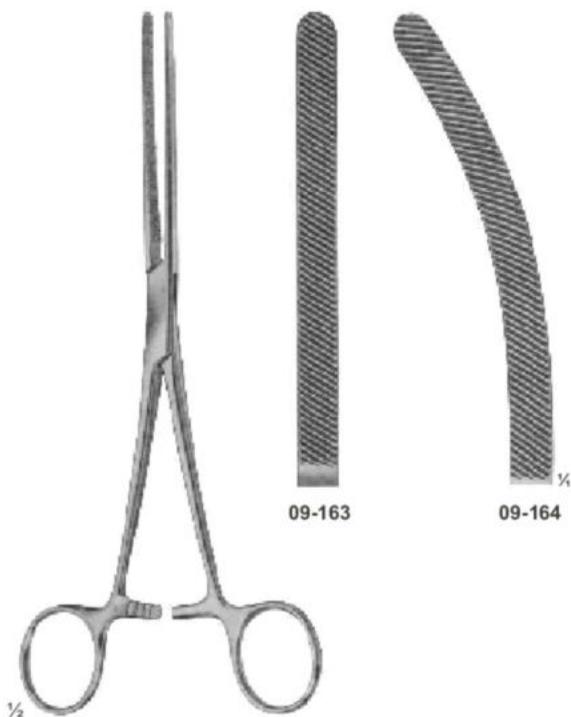
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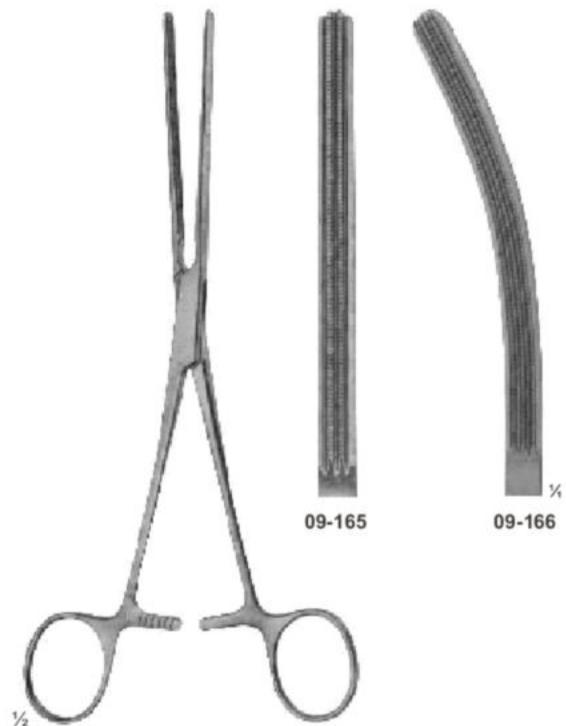
09-159 - 160  
DOYEN  
elastic  
165 mm



09-161 - 162  
DOYEN  
with elastic blades  
170 mm

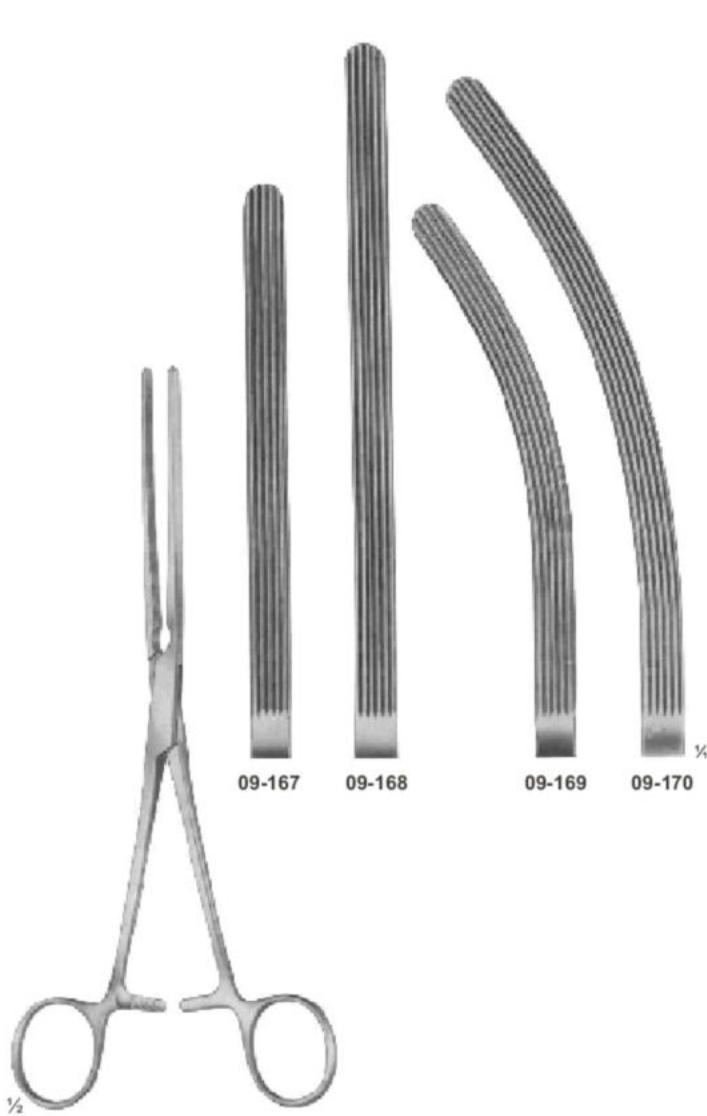


09-163 - 164  
HARTMANN  
with elastic blades  
200 mm

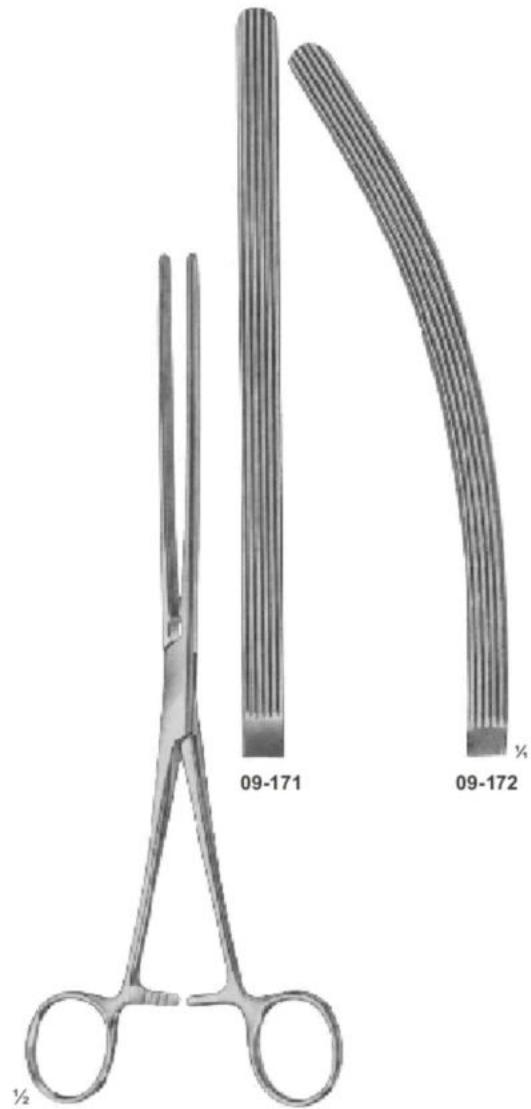


09-165 - 166  
HARTMANN  
with elastic blades  
200 mm

SURGICAL INSTRUMENTS

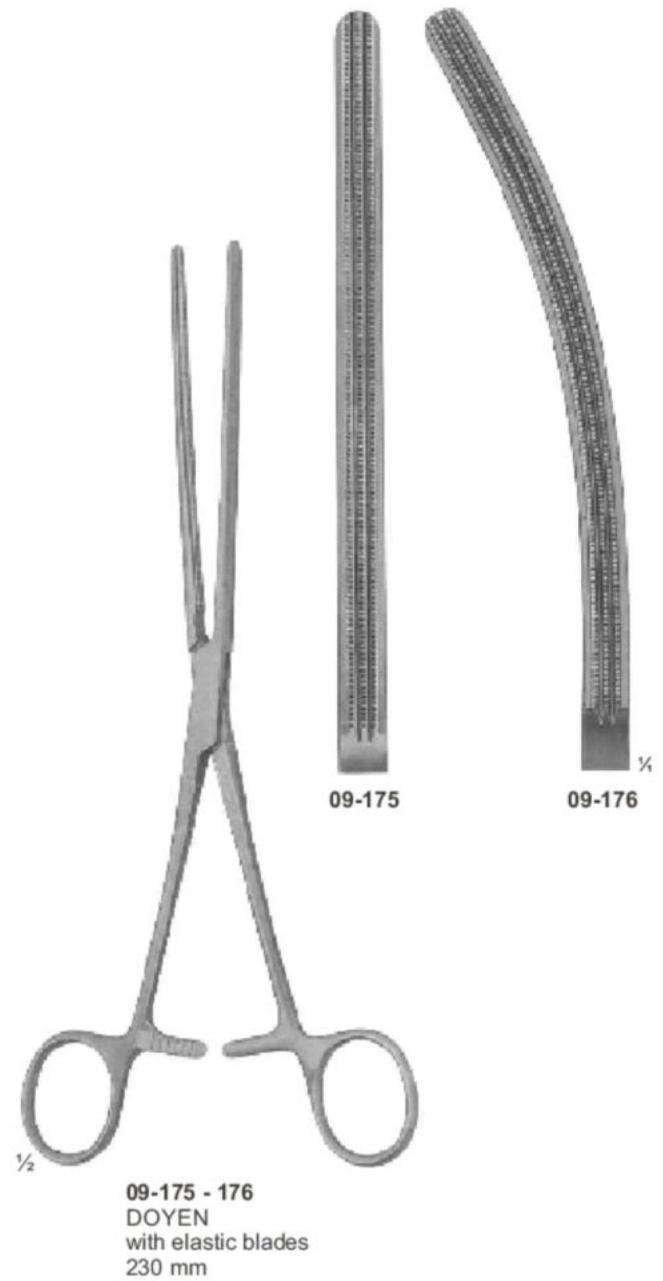
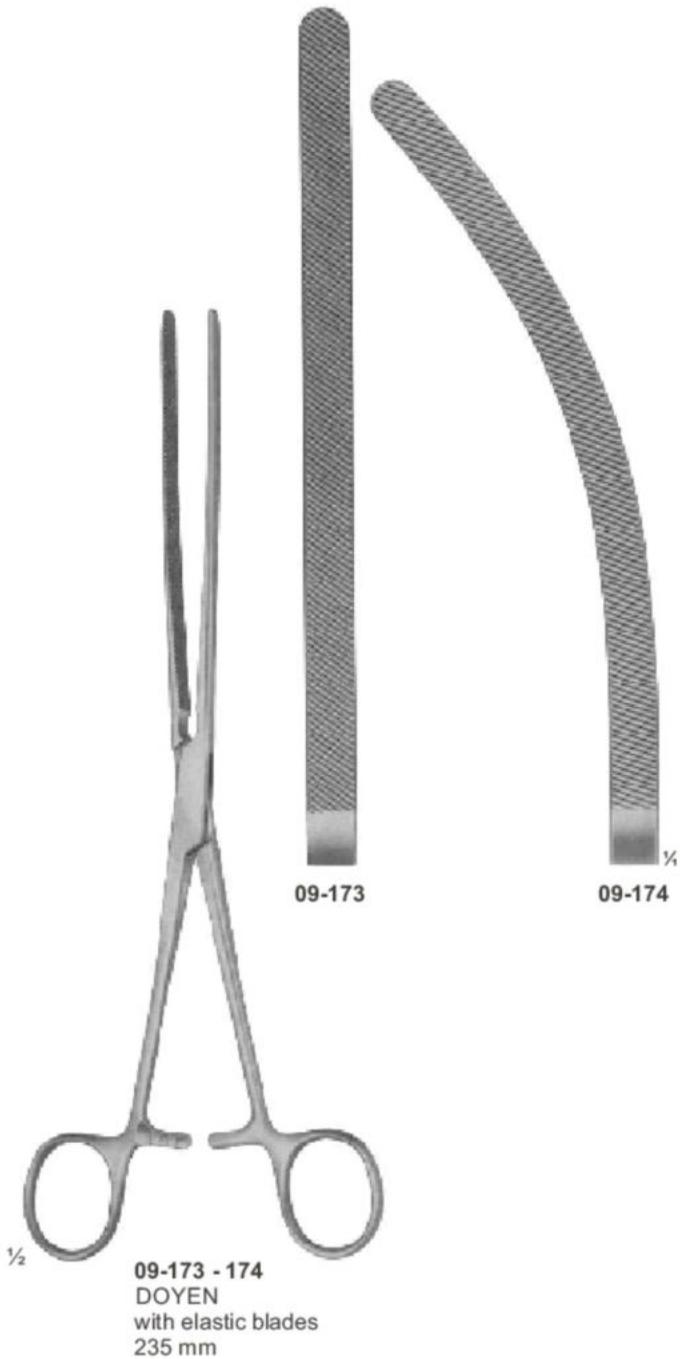


**09-167 - 170**  
**KOCHER**  
 with elastic blades  
**09-169** 210 mm  
**09-170** 230 mm

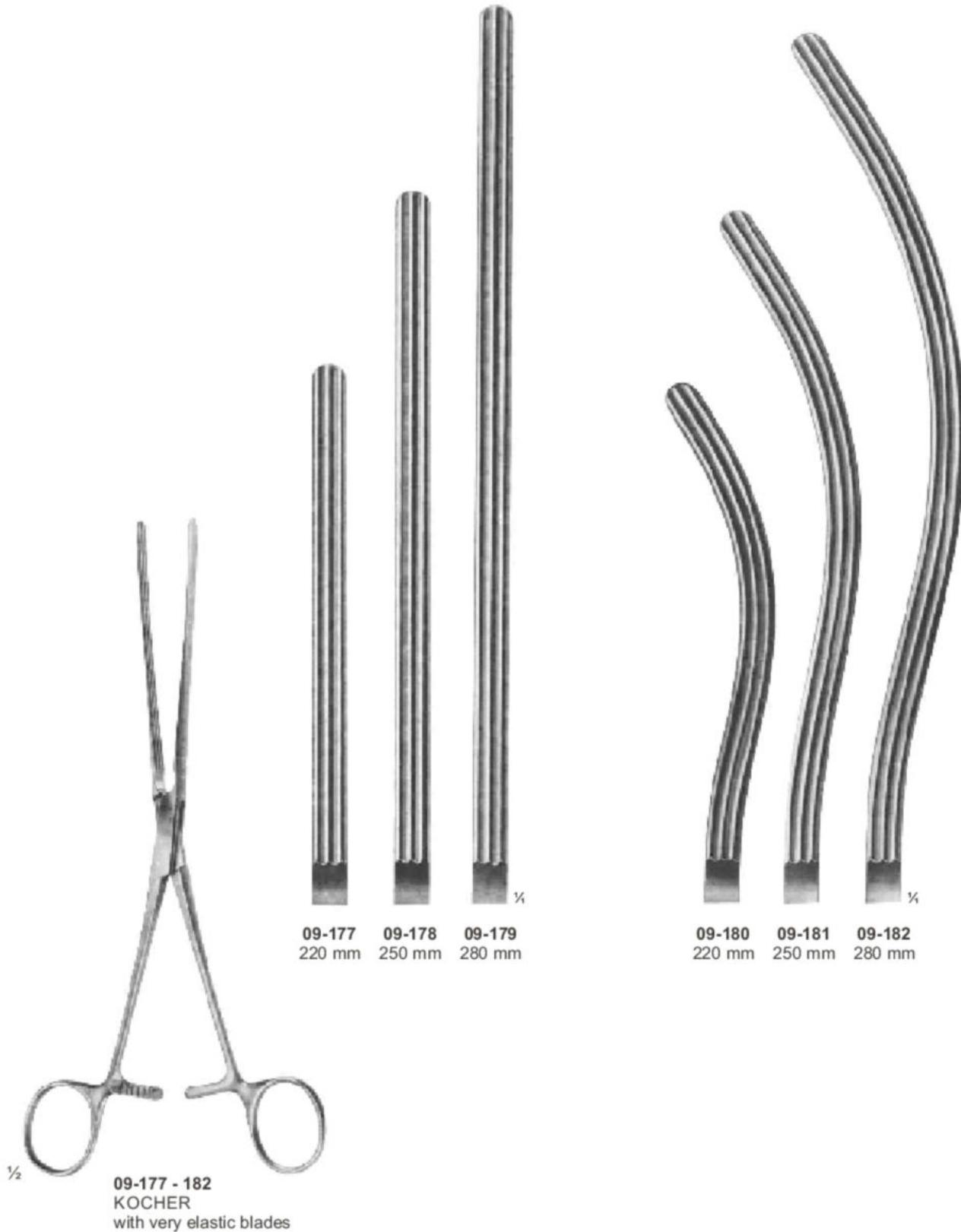


**09-171 - 172**  
**DOYEN**  
 with elastic blades  
 210 mm

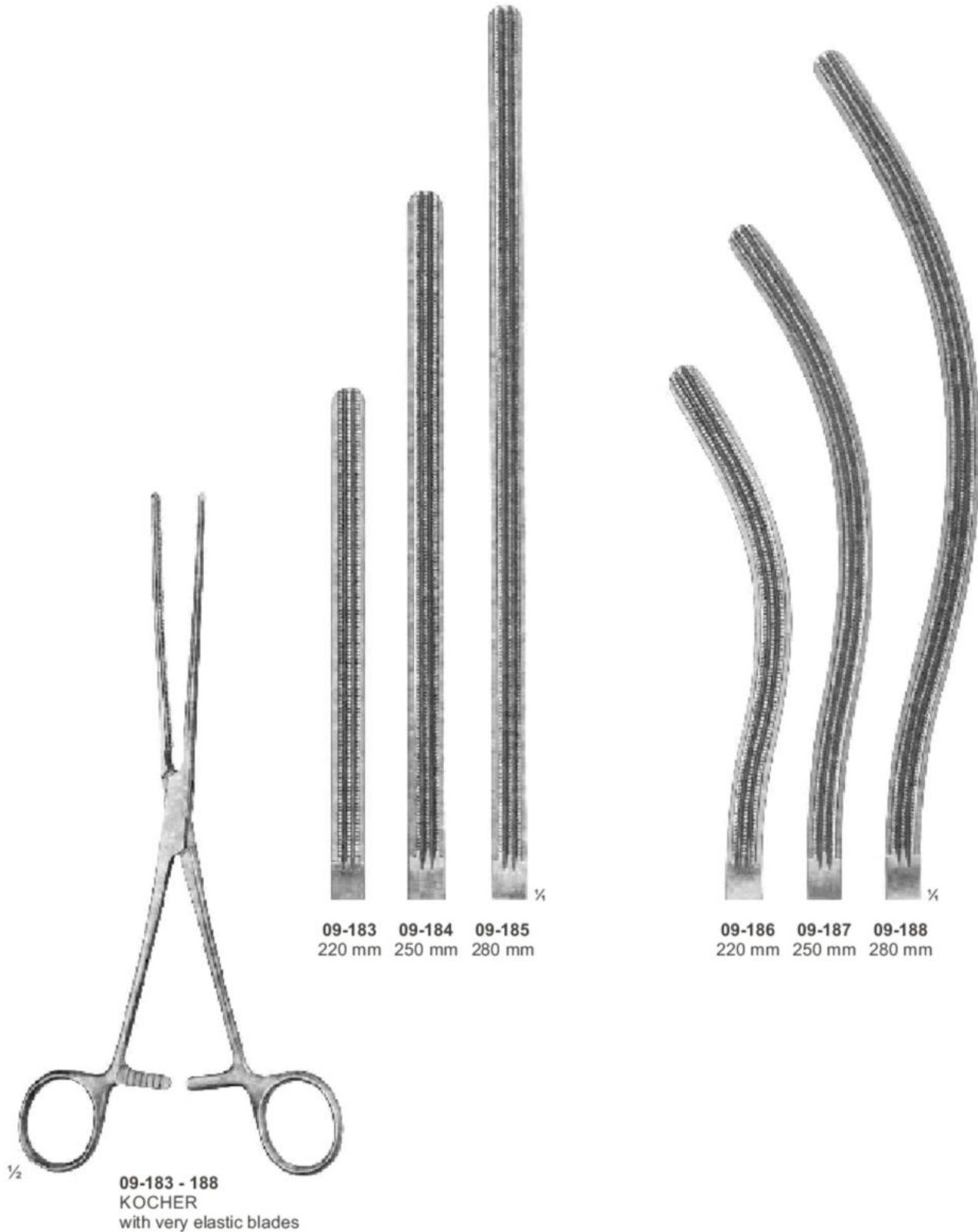
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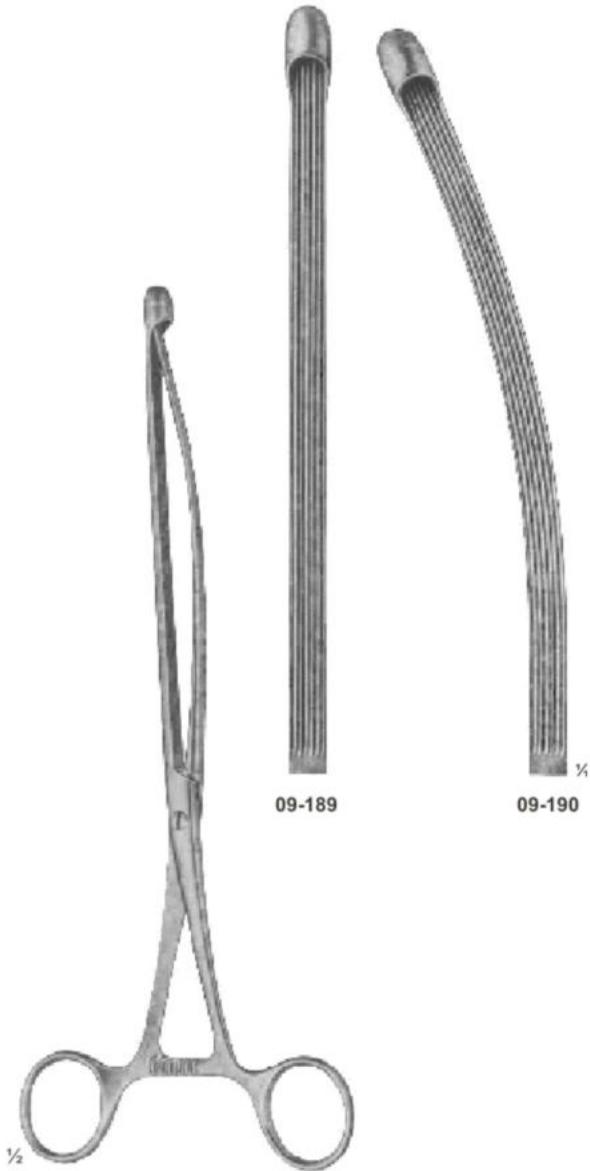
SURGICAL INSTRUMENTS



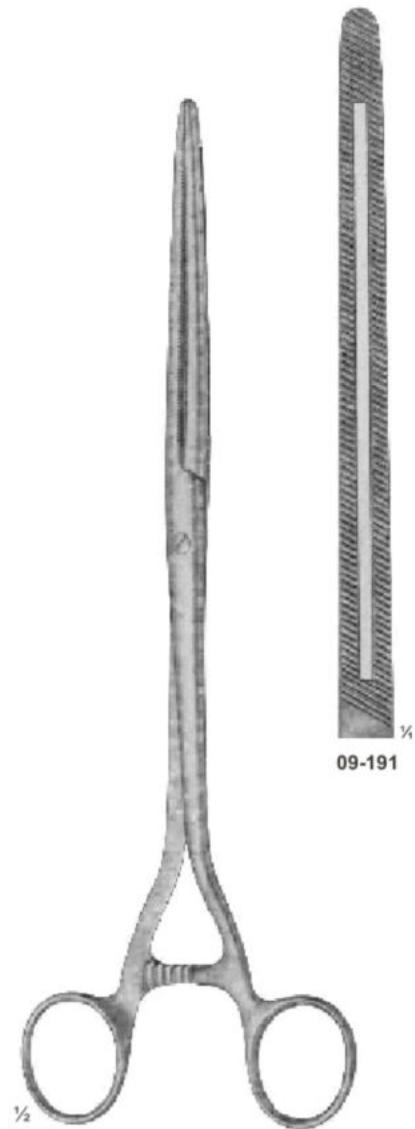
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS

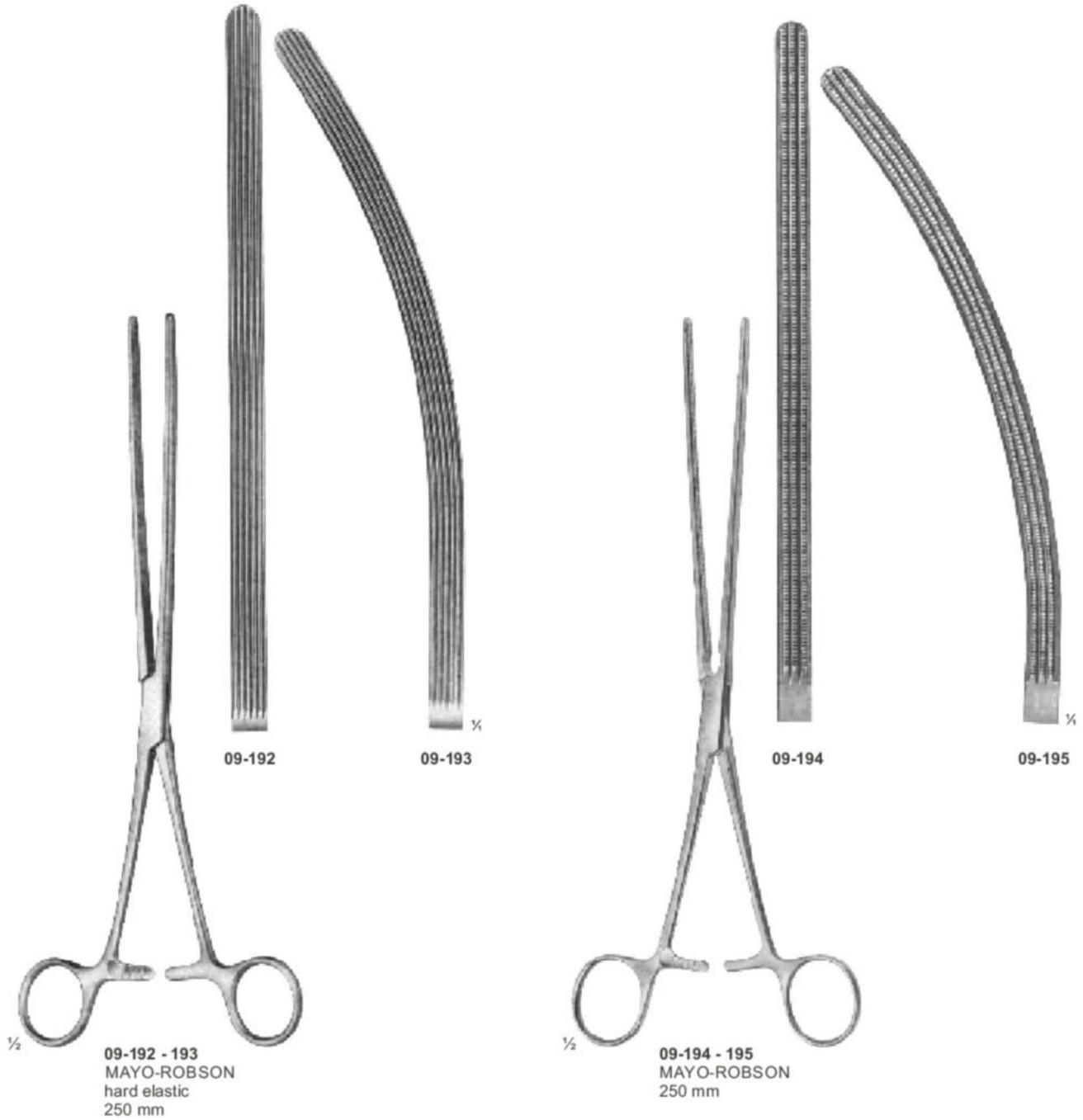


09-189 - 190  
NUSSBAUM  
with elastic blades  
250 mm

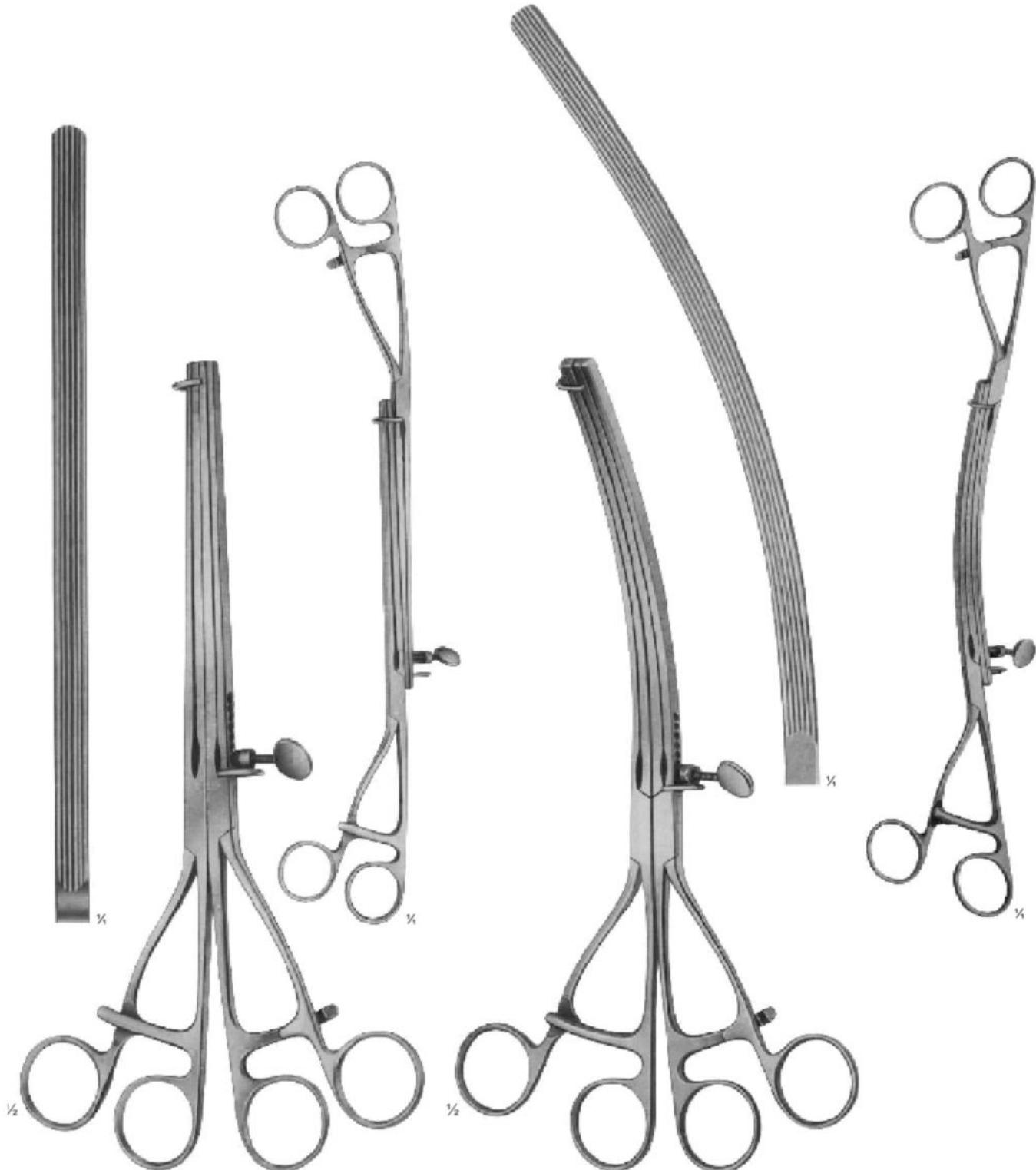


09-191  
MOYNIHAN  
280 mm

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS

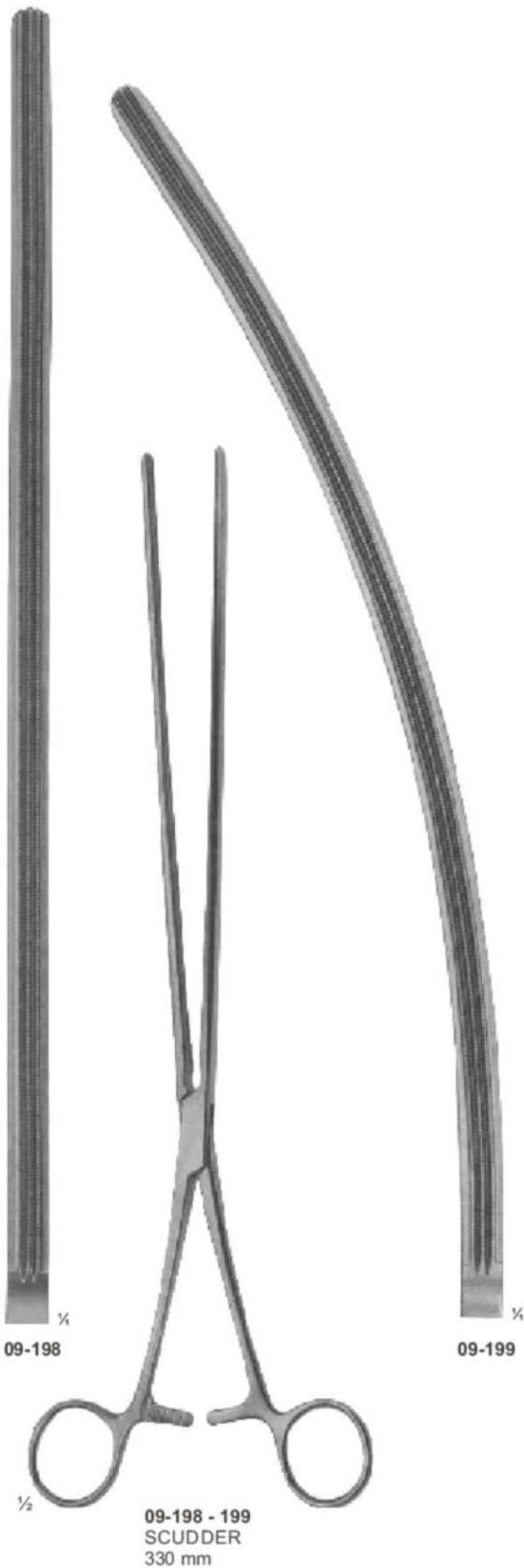


09-196  
LANE  
300 mm

09-197  
LANE  
300 mm



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



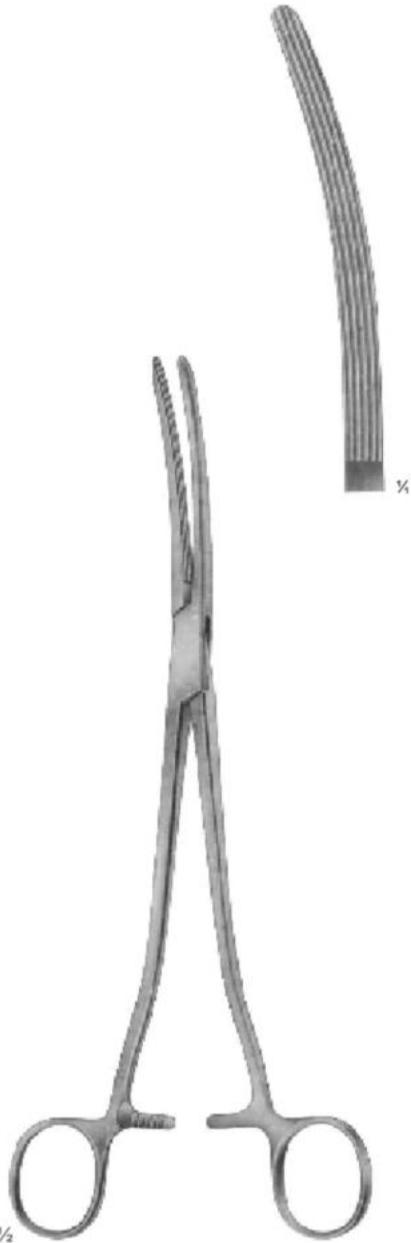
09-201  
PAYR  
Intestinal clamp  
light pattern,  
for children  
180 mm

09-202  
PAYR  
200 mm

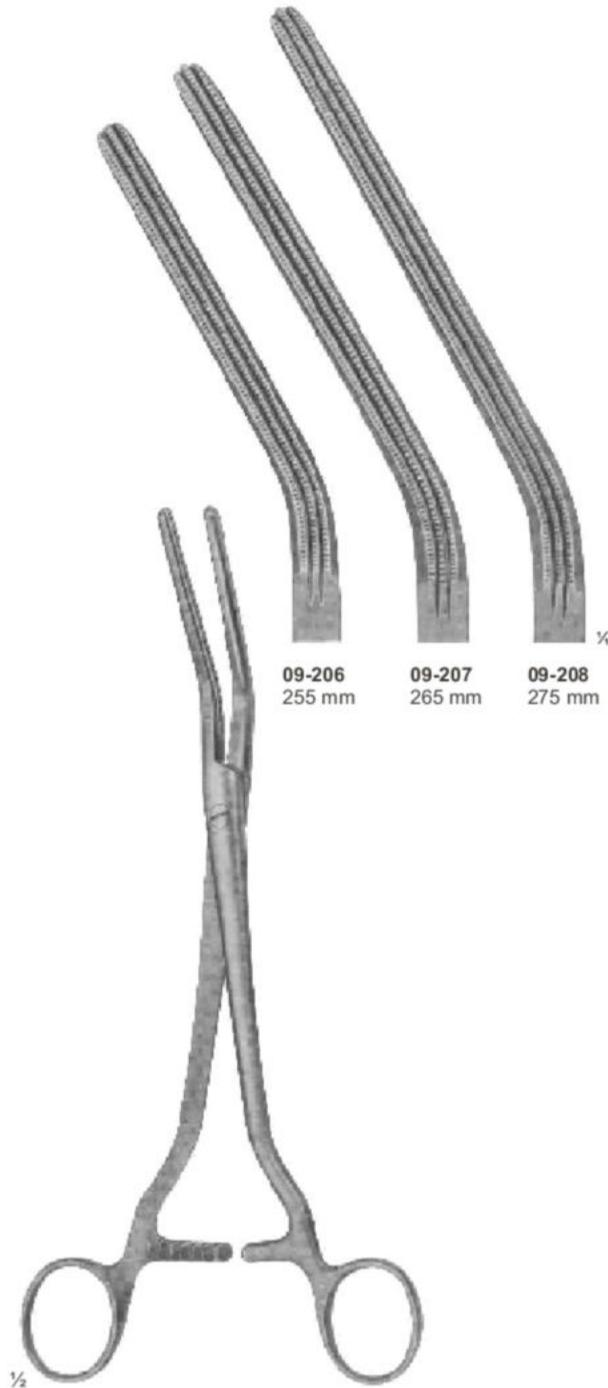
09-203  
PAYR  
275 mm

09-204  
PAYR  
Pylorus clamp  
315 mm

SURGICAL INSTRUMENTS



**09-205**  
PARKER-KERR  
anastomosis forceps  
for colon resection  
180 mm



**09-206**  
255 mm

**09-207**  
265 mm

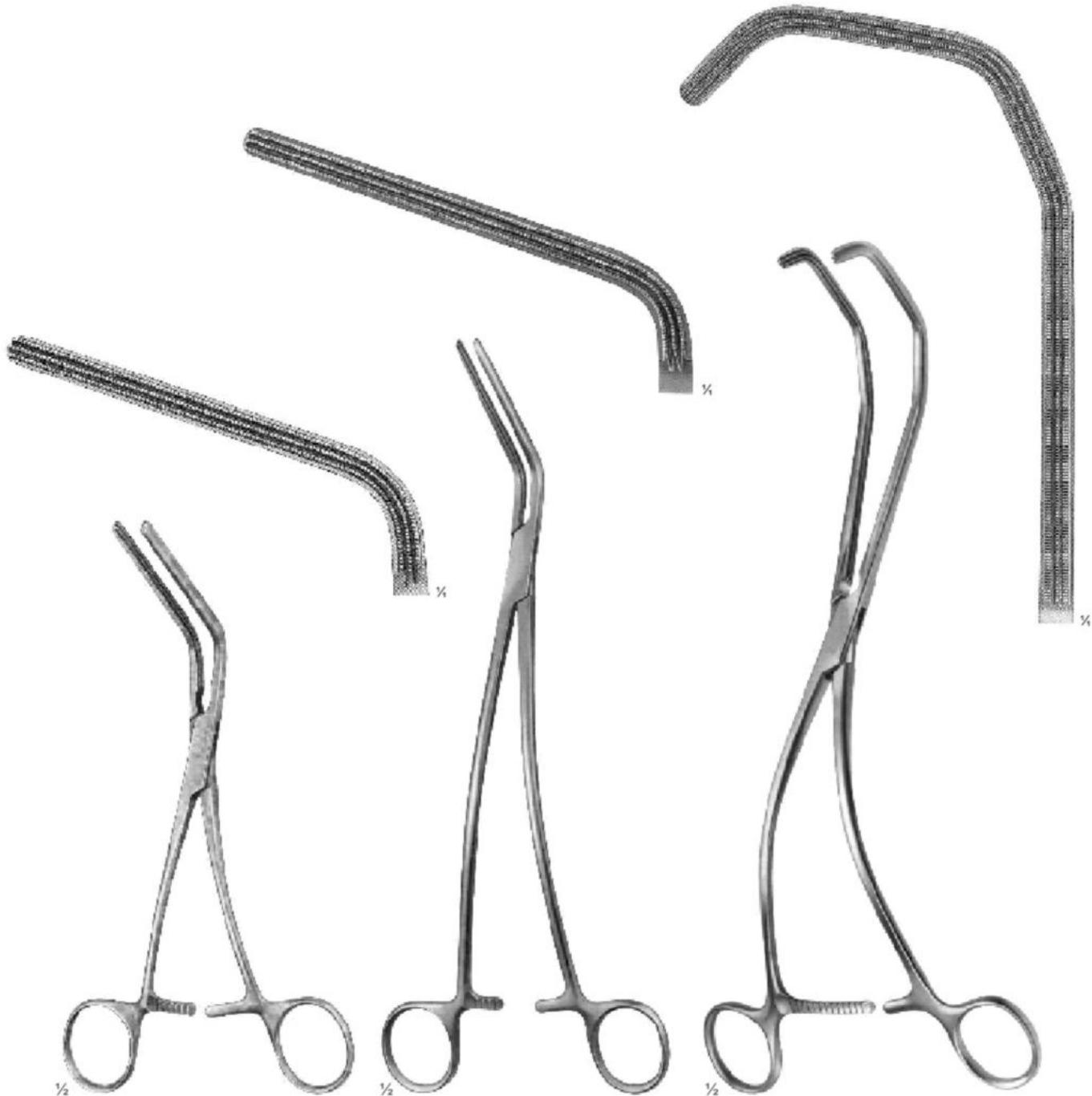
**09-208**  
275 mm

**09-206 - 208**  
DICK  
pressure clamps  
180 mm

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



1/2

09-212  
MORRIS  
175 mm

1/2

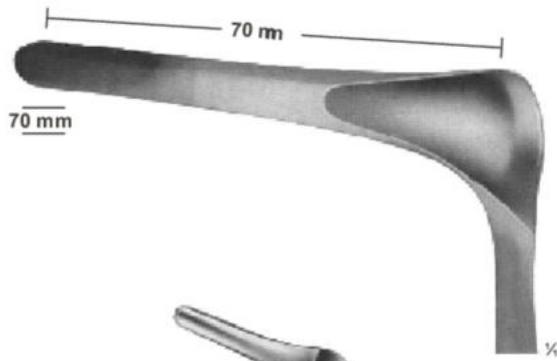
09-213  
DE BAKHEY  
(MORRIS modif.)  
240 mm

1/2

09-214  
KERSTING  
270 mm



SURGICAL INSTRUMENTS



10-101  
KILLIAN  
for children  
145 mm

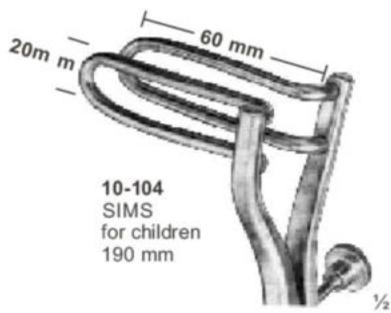


10-102  
SIMS  
160 mm

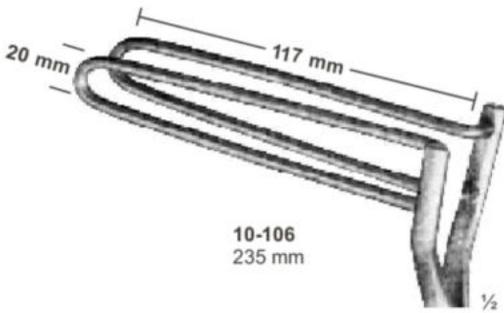


10-103  
SIMS  
160 mm

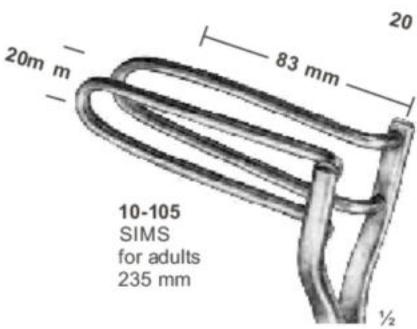
SURGICAL INSTRUMENTS



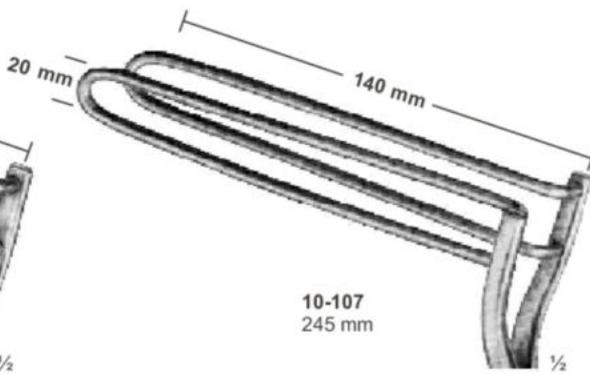
10-104  
SIMS  
for children  
190 mm



10-106  
235 mm



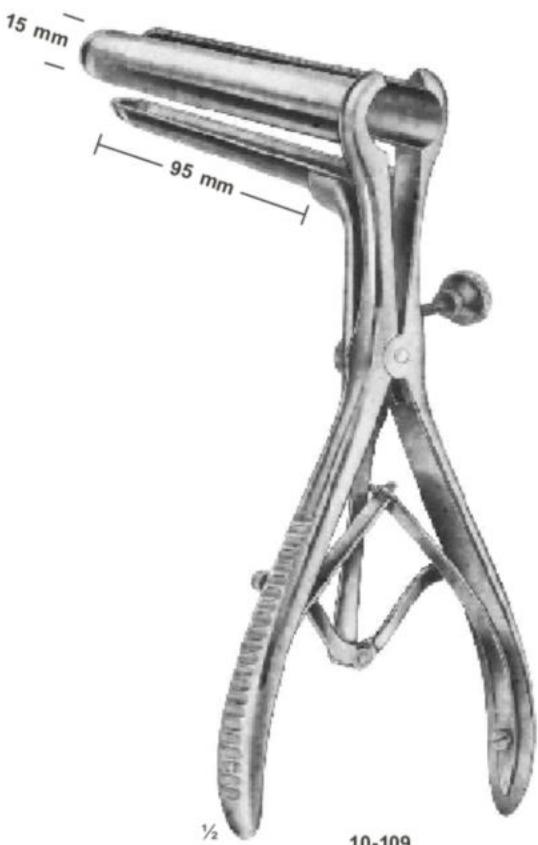
10-105  
SIMS  
for adults  
235 mm



10-107  
245 mm



10-108  
PRATT  
205 mm



10-109  
MATHIEU  
215 mm

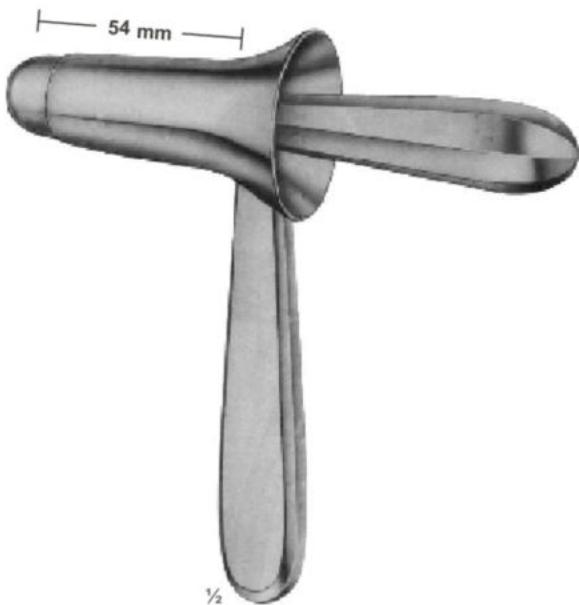
SURGICAL INSTRUMENTS



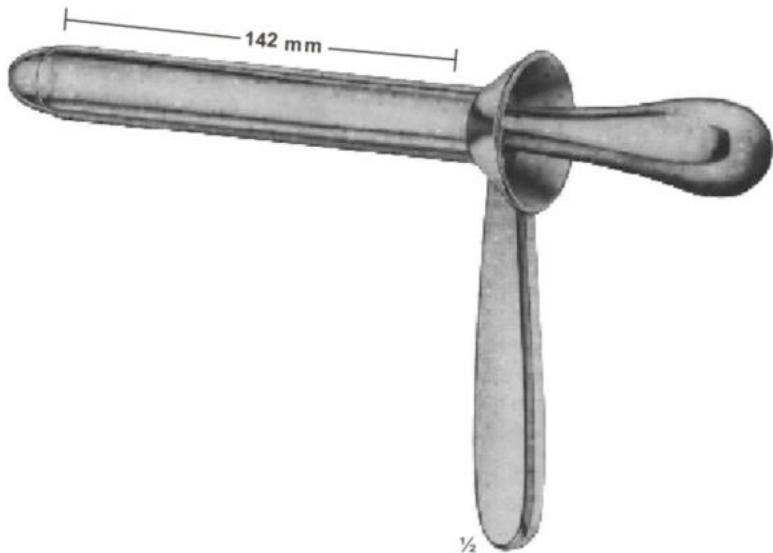
10-110  
IVES-FANSLER  
Anuscops  
145 mm



10-111  
KELLY  
Sphincteroscope  
160 mm

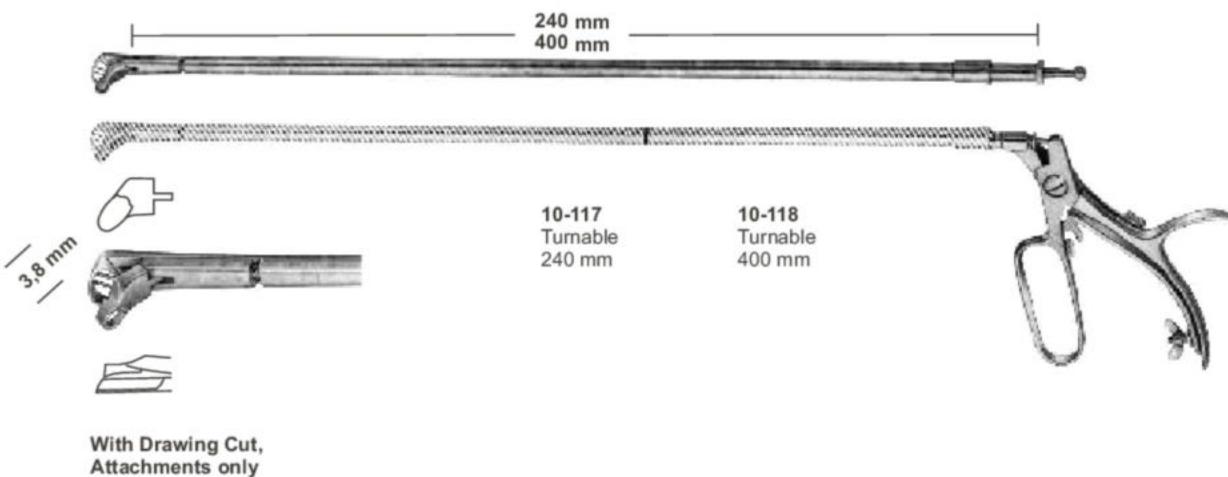
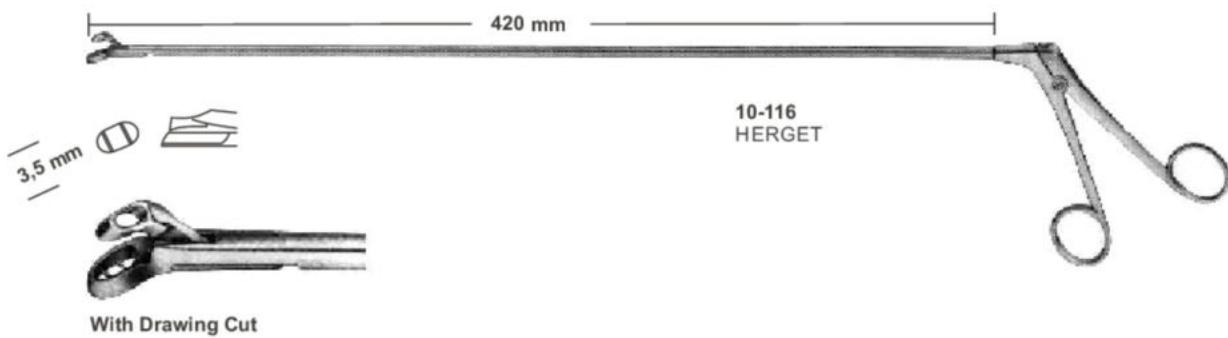
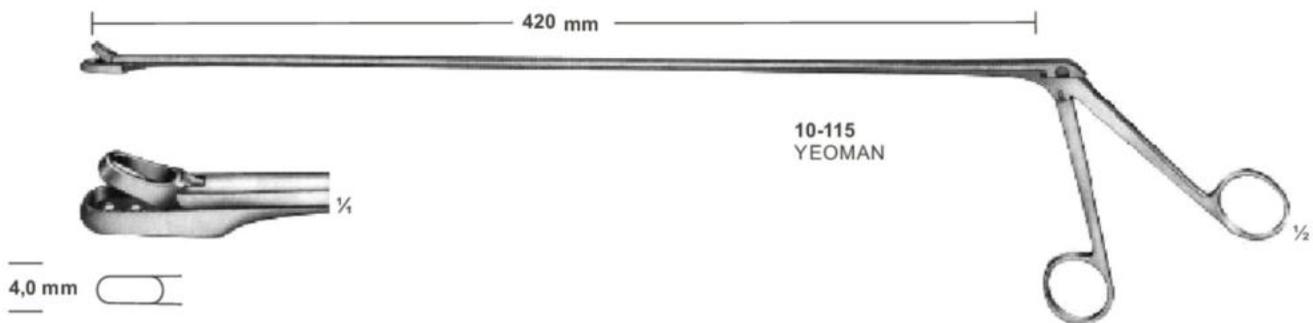
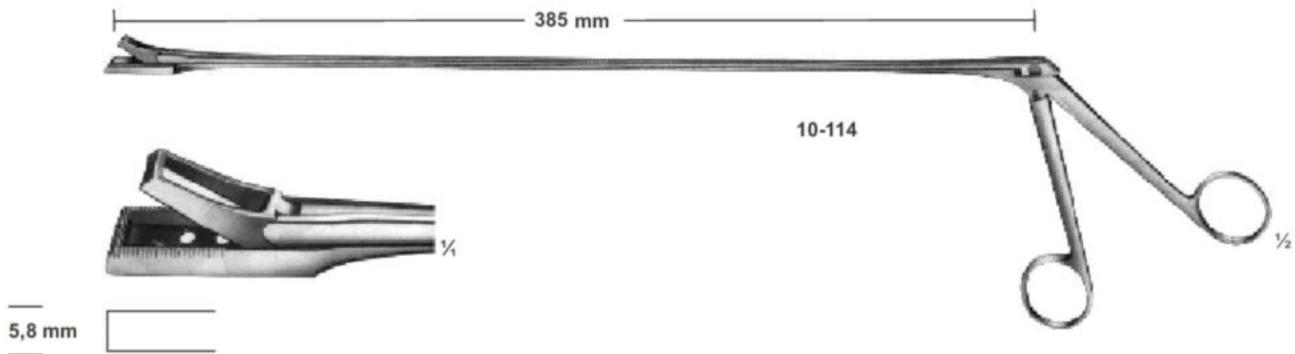


10-112  
KELLY  
Sphincteroscope  
160 mm

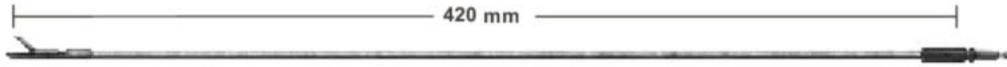


10-113  
KELLY  
Proctoscope  
160 mm

SURGICAL INSTRUMENTS



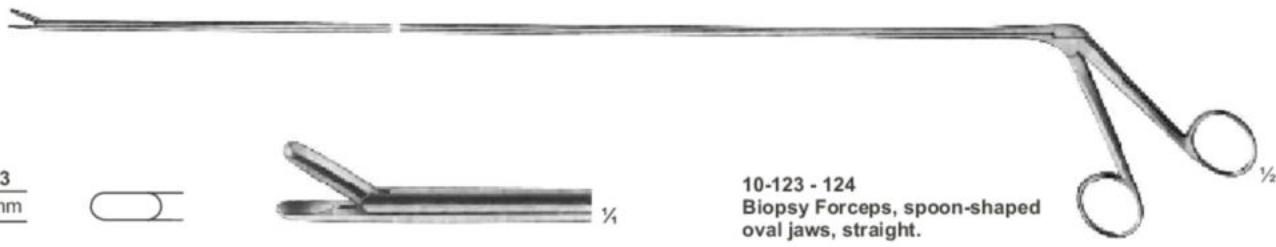
SURGICAL INSTRUMENTS

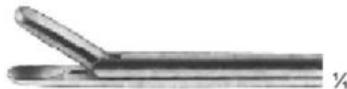


- 3,5 mm   ¼ 10-119
- 3,5 mm   ¼ 10-120
- 4,0 mm   ¼ 10-121
- 4,0 mm   ¼ 10-122

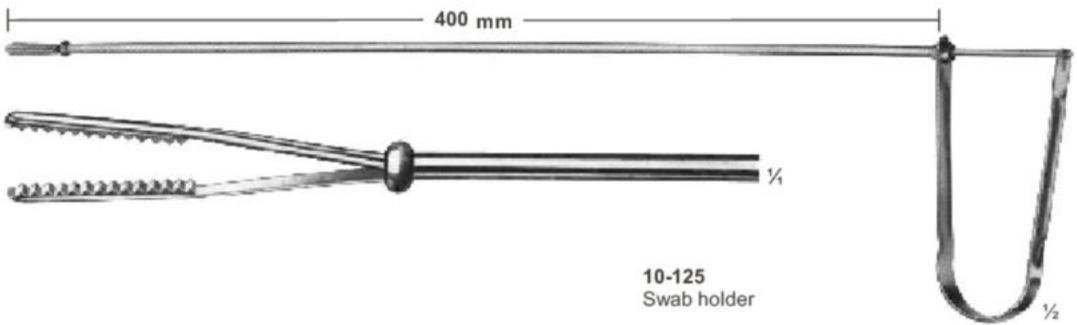


10-119 - 122  
Handle for 119 - 120 - 121 - 122



- 10-123  
3,5 mm   ¼
- 10-124  
4, mm   ¼

10-123 - 124  
Biopsy Forceps, spoon-shaped oval jaws, straight.

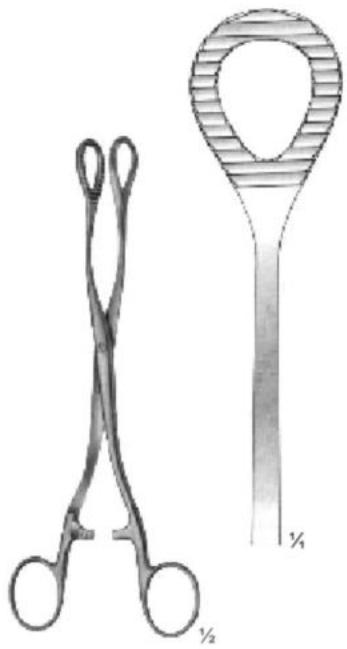


10-125  
Swab holder

SURGICAL INSTRUMENTS



10-126 - 127  
LUER



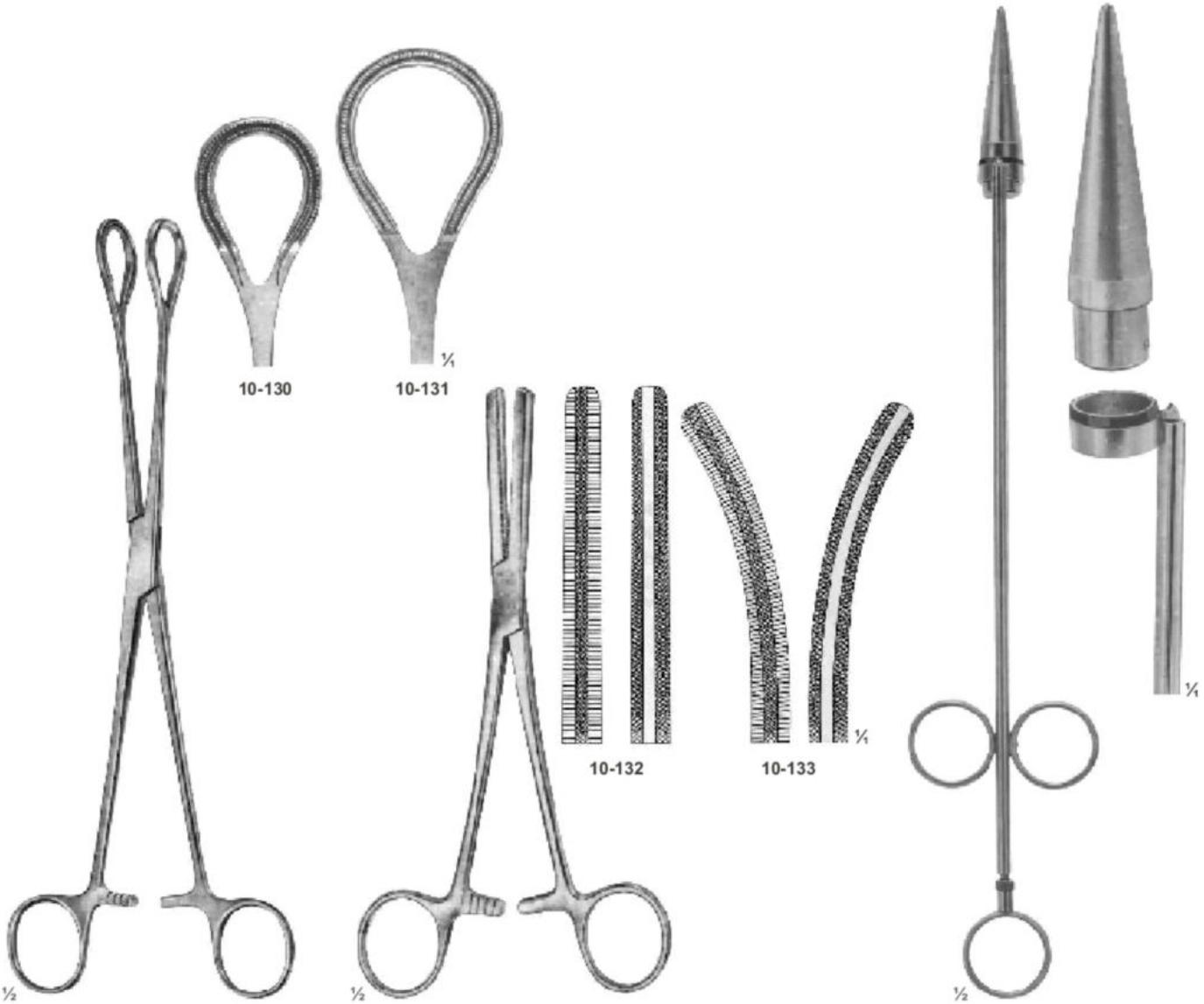
10-128  
HEYWOOD-SMITH  
200 mm



10-129  
HEYWOOD-SMITH  
modif  
200 mm



SURGICAL INSTRUMENTS



10-130 - 131  
250 mm  
10-131  
270 mm

10-132 - 133  
FERGUSSON  
200 mm

10-134  
RUDD  
Haemorrhoidal ligator  
with loading  
attachment and 100  
ligature rubber rings  
315 mm

SURGICAL INSTRUMENTS



**10-135**  
LOWER  
180 mm



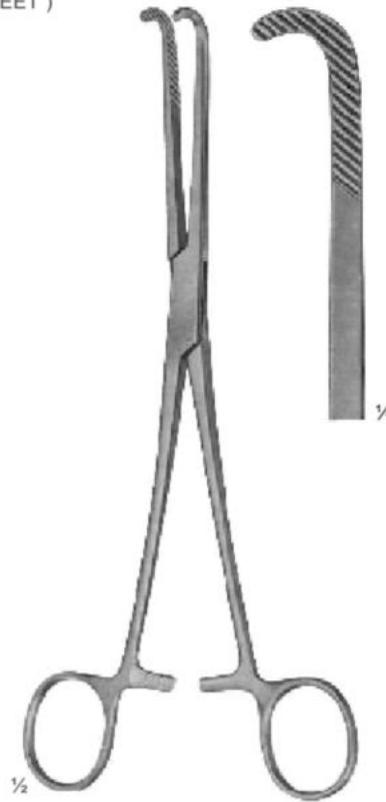
**10-136**  
LAHEY ( SWEET )  
190 mm



**10-137**  
LAHEY  
220 mm

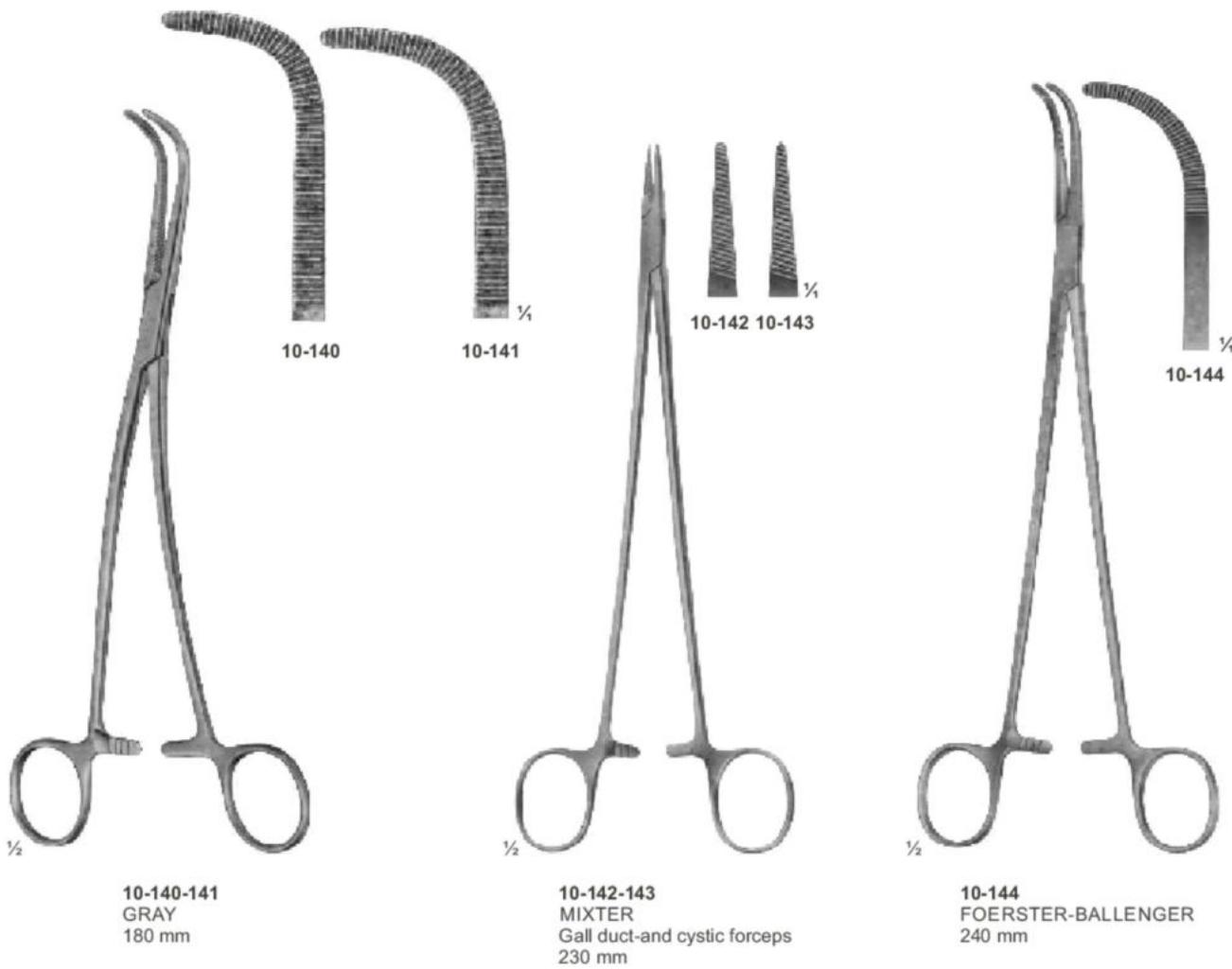


**10-138**  
DESJARDINS  
Gall duct-and cystic forceps

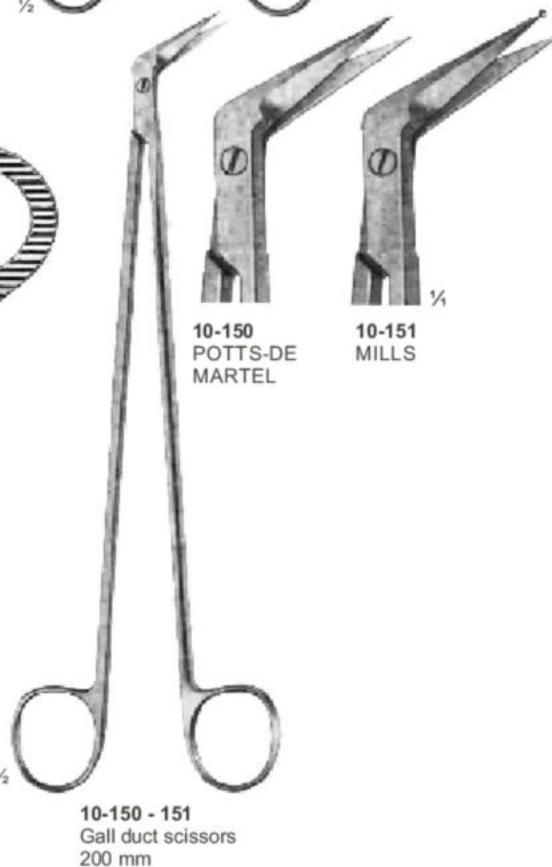
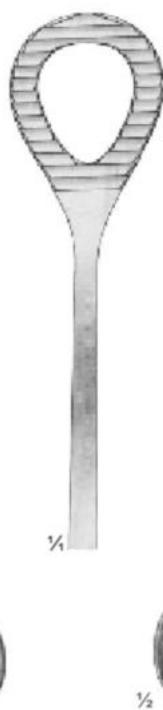
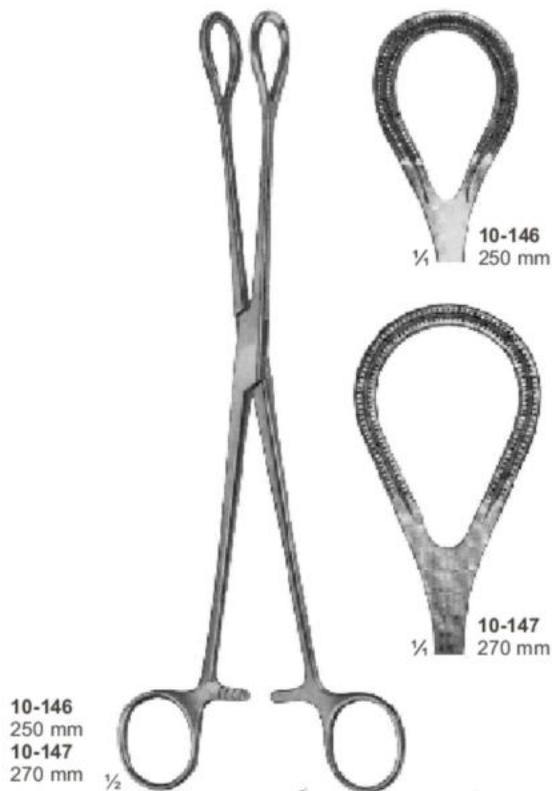
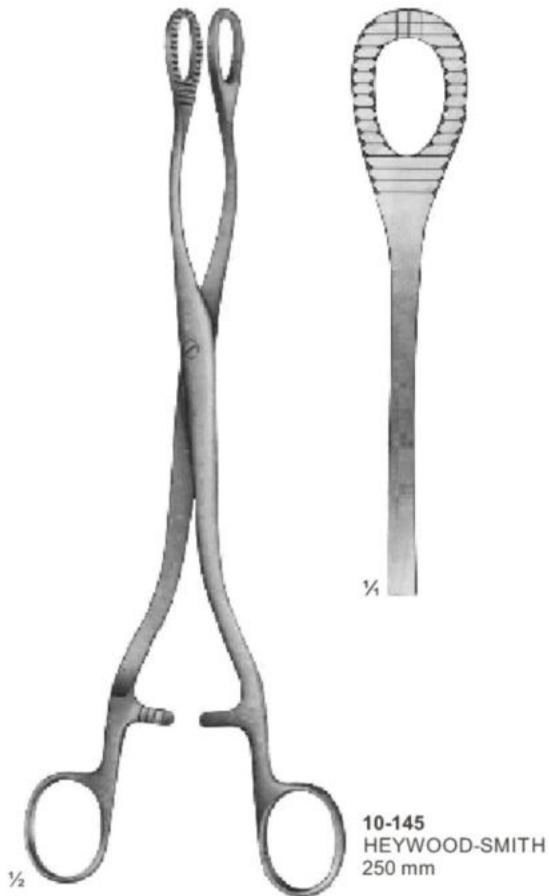


**10-139**  
NISSEN  
Gall duct-and cystic forceps

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS

∅ 3.5 mm



10-152  
HAJEK  
Irrigating cannula,  
silver  
165 mm

∅ 5 mm



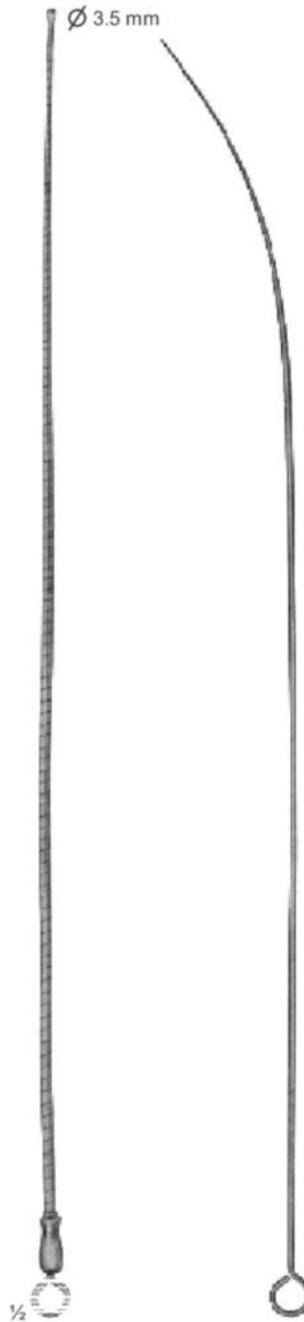
10-153  
MOYNIHAN  
Gall duct probes,  
malleable  
365 mm

∅ 5 mm



10-154  
MAYO  
Gall duct probes,  
malleable  
330 mm

∅ 3.5 mm



10-155  
OCHSNER  
Gall duct probes, flexible  
400 mm

∅ 3.8 mm



10-156 - 158  
DESJARDINS  
Gall duct probes,  
flexible  
285 mm

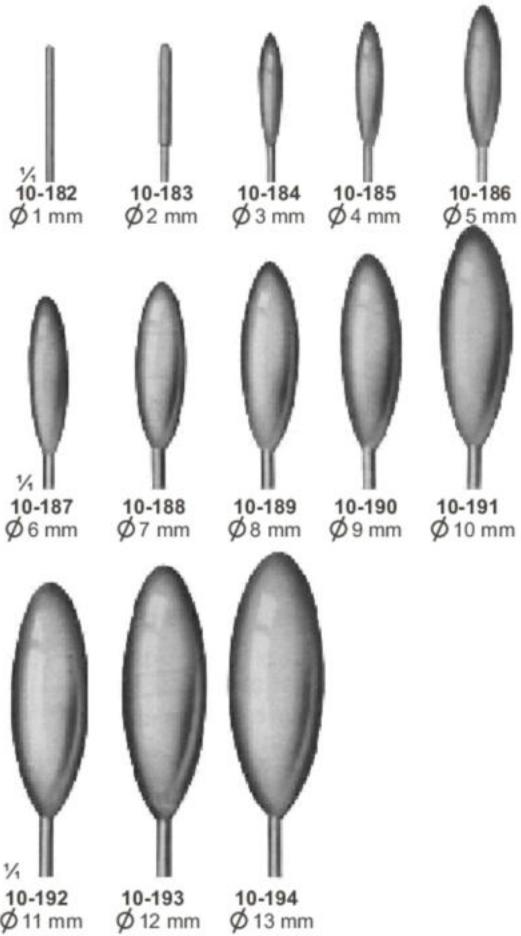
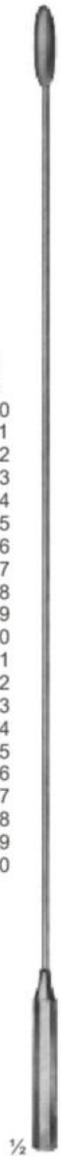


SURGICAL INSTRUMENTS



- 10-159 8
- 10-160 9
- 10-161 10
- 10-162 11
- 10-163 12
- 10-164 13
- 10-165 14
- 10-166 15
- 10-167 16
- 10-168 17
- 10-169 18
- 10-170 19
- 10-171 20
- 10-172 21
- 10-173 22
- 10-174 23
- 10-175 24
- 10-176 25
- 10-177 26
- 10-178 27
- 10-179 28
- 10-180 29
- 10-181 30

**10-159 - 181**  
DITTEL  
Metall bougies and dilating sounds, stiff 345 mm



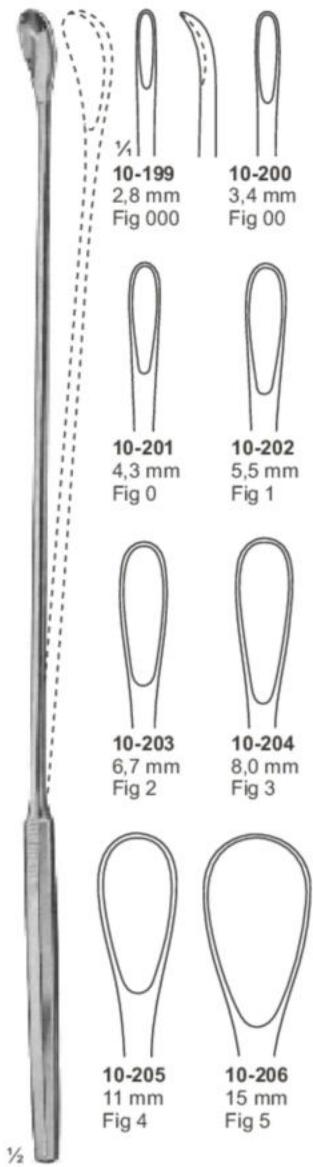
**10-182 - 194**  
BAKES  
Common bile duct dilators, malleable 315 mm, 320 mm



**10-195 - 198**  
DESJARDINS  
Probes and catch with flexible shaft 300 mm



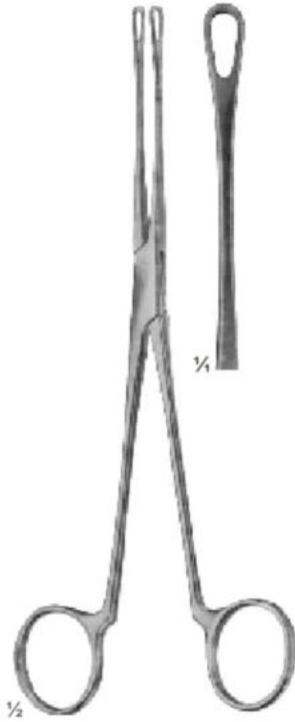
**10-199 - 206**  
LUER-KORTE modif  
with malleable shaft 310 mm



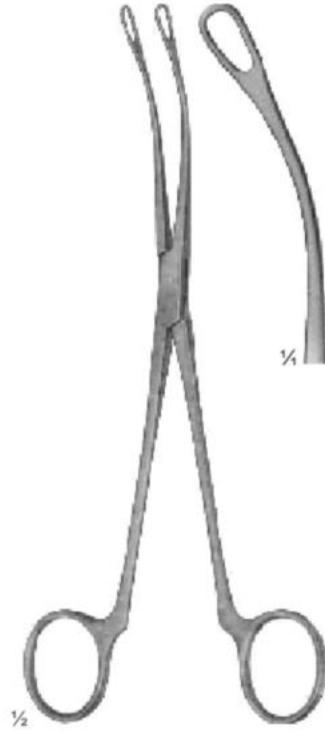
**10-201 - 206**  
LUER-KORTE modif  
with malleable shaft 310 mm



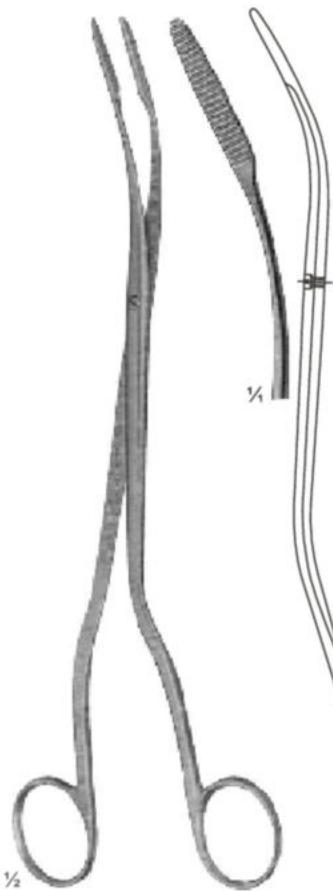
SURGICAL INSTRUMENTS



10-207  
BLAKE  
205 mm



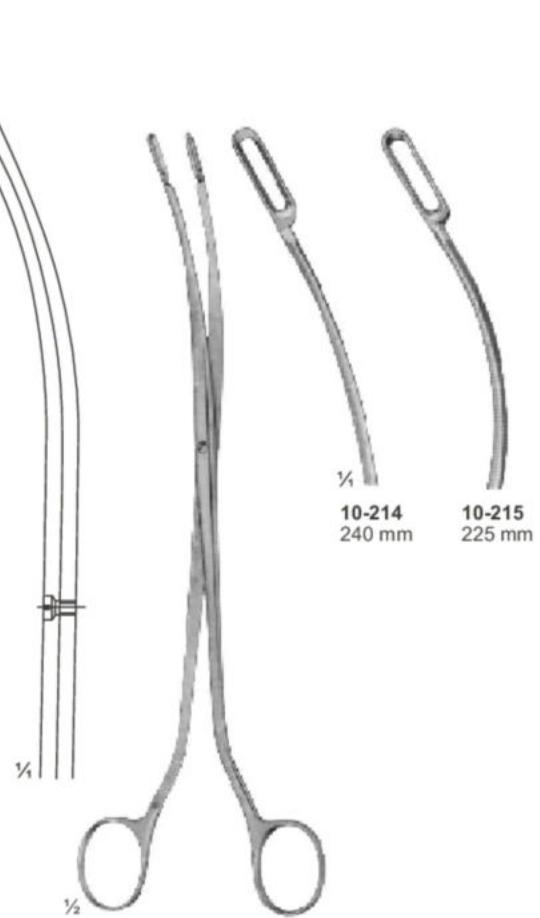
10-208  
BLAKE  
205 mm



10-209  
CZERNY  
245 mm



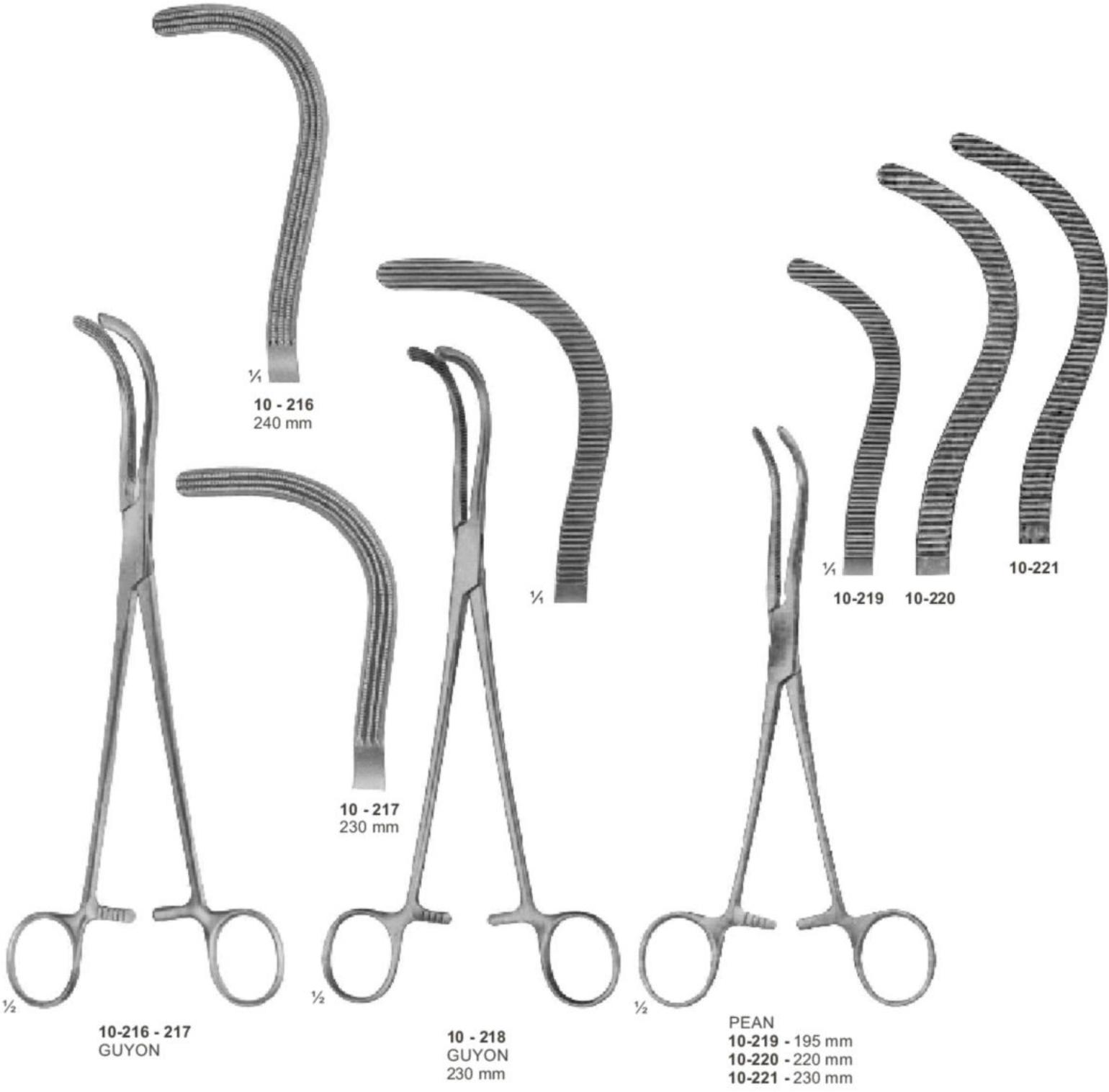
10-210 - 213  
DESJARDINS  
225 mm

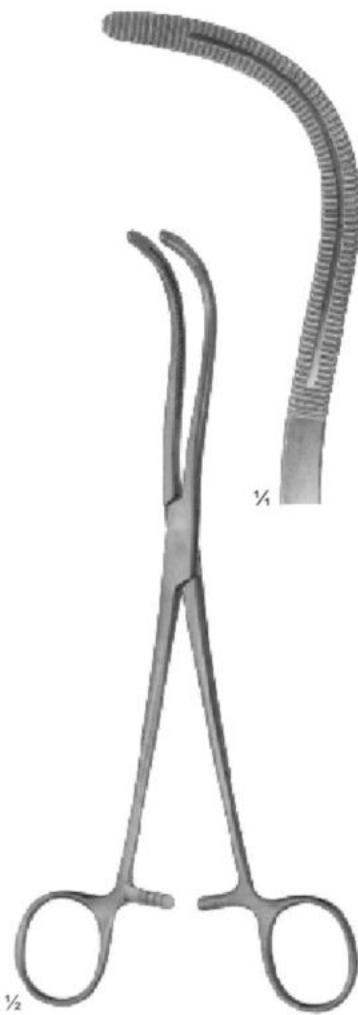


10-214 - 215  
DESJARDINS  
Extremely delicate patterns

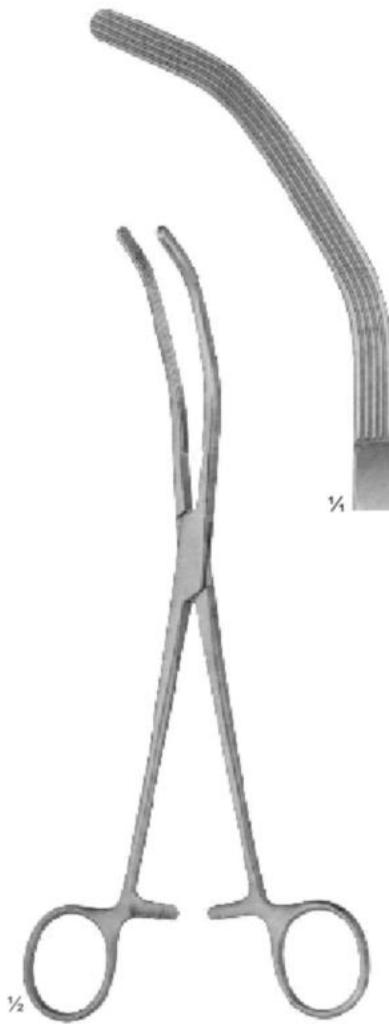


SURGICAL INSTRUMENTS





**10-222**  
STILLE  
220 mm



**10-223**  
HERRICK  
225 mm



**10-224**  
WERTHEIM  
225 mm

SURGICAL INSTRUMENTS



½

**10-225**  
COLLIN  
285 mm



½

**10-226**  
DARTIGUES  
255 mm

SURGICAL INSTRUMENTS



10-227



10-228



10-229



1/4  
10-230



10-227 - 230  
RANDALL  
225 mm



10-231



10-232

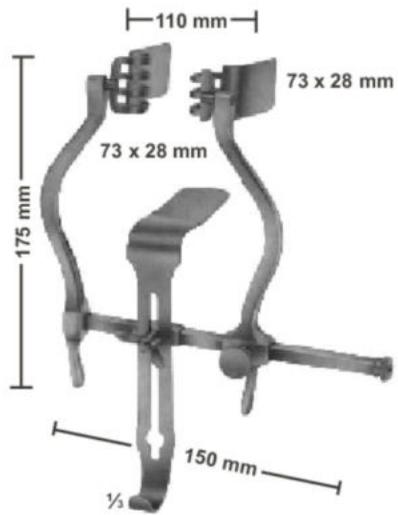


1/4  
10-233



10-231 - 233  
RANDALL  
190 mm

SURGICAL INSTRUMENTS



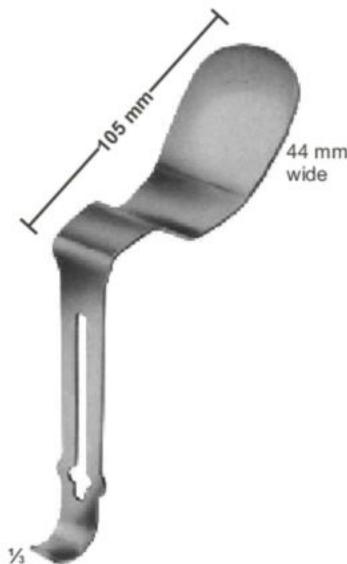
**11-101**  
JUDD-MASSON  
Bladder and suprapubic  
retractor



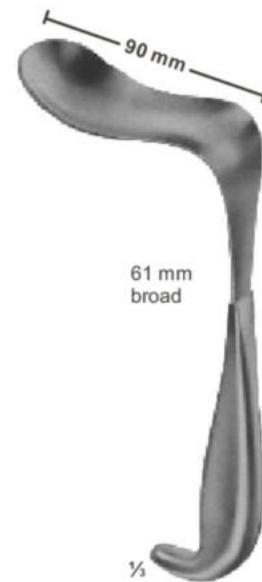
**11-102**  
MILLIN  
Bladder retractor  
105X45 mm



**11-103**  
LEGUEU  
Bladder retractor  
Center blade  
80 x 31 mm



**11-104**  
MILLIN  
Center bladder for  
retro pubic prostatectomy



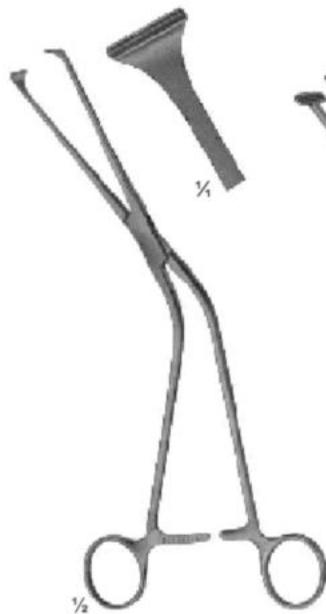
**11-105**  
KOCHER  
Bladder spatula  
235 mm



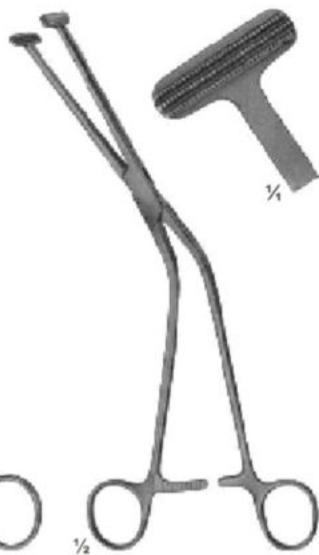
SURGICAL INSTRUMENTS



**11-106**  
MATHIEU  
Foreign body forceps  
Length of shaft  
190 mm



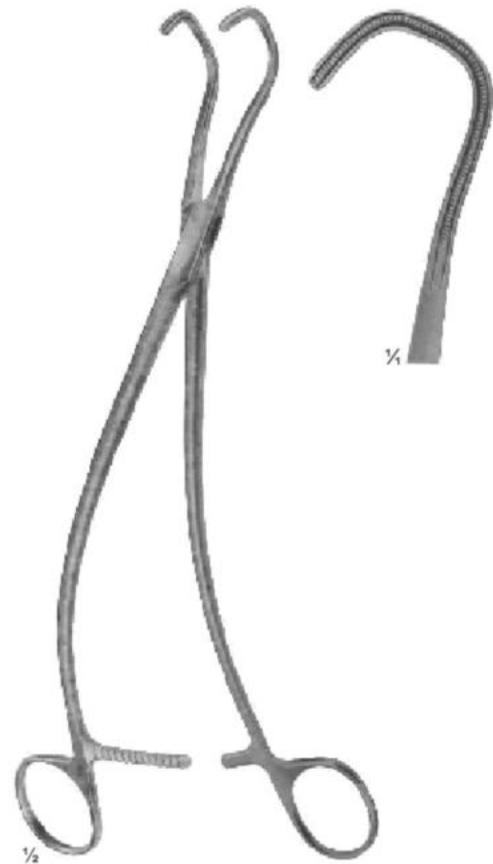
**11-107**  
MILLIN  
Lobe grasping  
forceps  
245 mm



**11-108**  
MILLIN  
Lobe grasping  
forceps  
235 mm



**11-109**  
MILLIN  
Bladder neck spreader  
285 mm

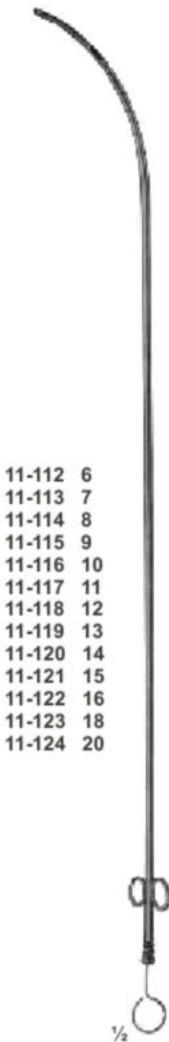


**11-110**  
Ureter forceps  
240 mm

SURGICAL INSTRUMENTS

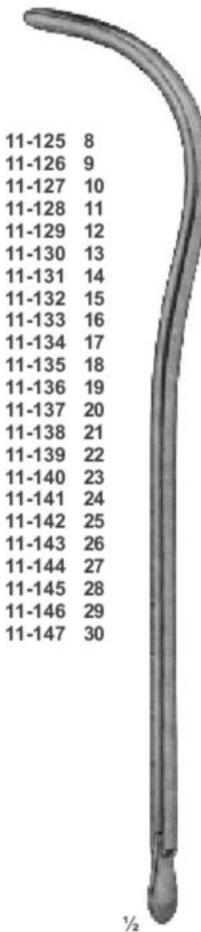


11-111  
GUYON  
Catheter guide  
(introducer)  
365 mm



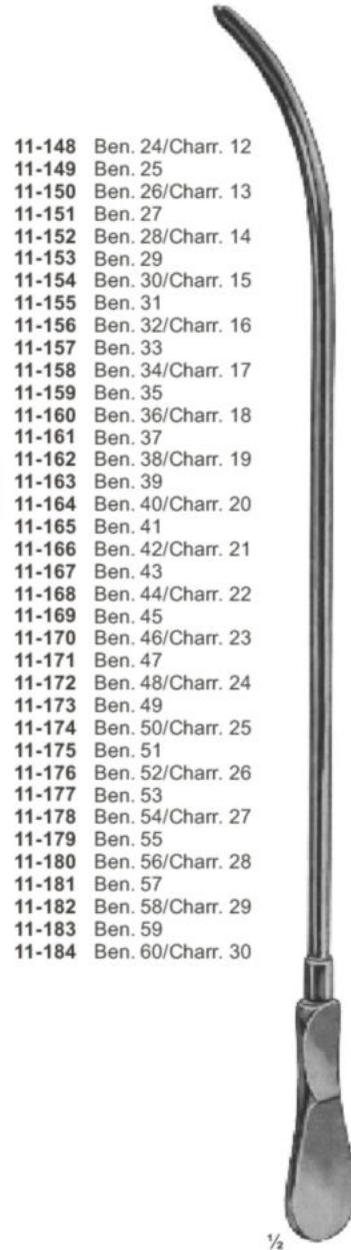
- 11-112 6
- 11-113 7
- 11-114 8
- 11-115 9
- 11-116 10
- 11-117 11
- 11-118 12
- 11-119 13
- 11-120 14
- 11-121 15
- 11-122 16
- 11-123 18
- 11-124 20

11-112 - 124  
Female catheters,  
metal  
160 mm



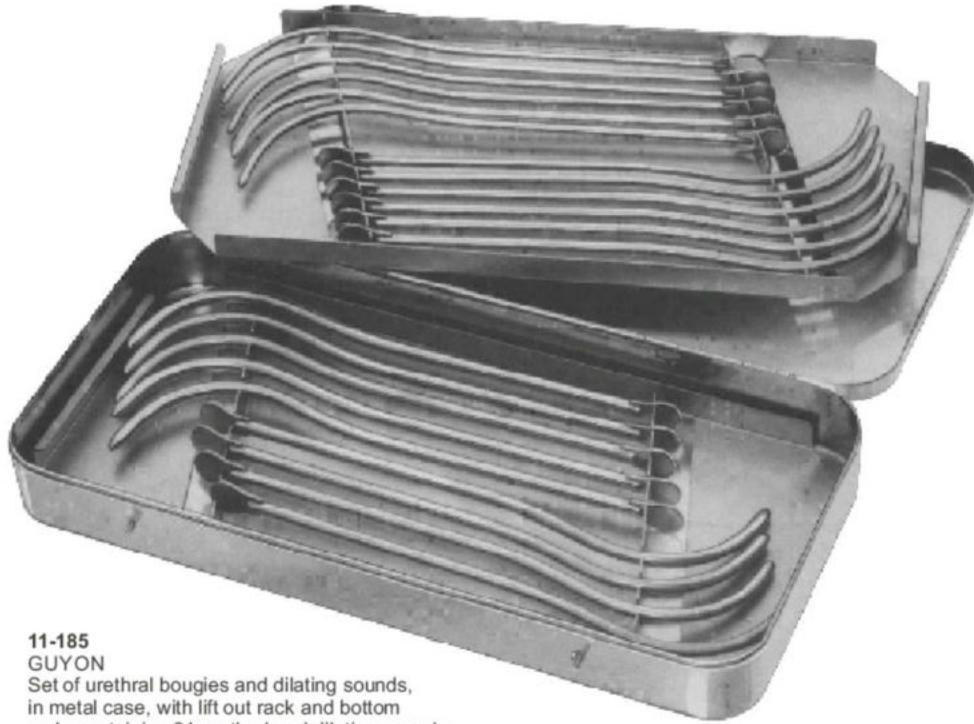
- 11-125 8
- 11-126 9
- 11-127 10
- 11-128 11
- 11-129 12
- 11-130 13
- 11-131 14
- 11-132 15
- 11-133 16
- 11-134 17
- 11-135 18
- 11-136 19
- 11-137 20
- 11-138 21
- 11-139 22
- 11-140 23
- 11-141 24
- 11-142 25
- 11-143 26
- 11-144 27
- 11-145 28
- 11-146 29
- 11-147 30

11-125 - 147  
Urethral bougies  
and dilating sounds  
345 mm

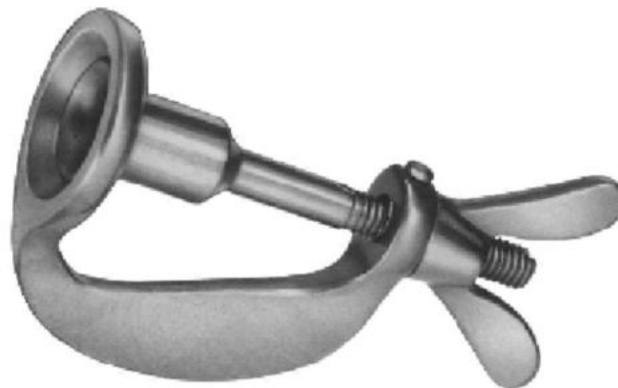


- 11-148 Ben. 24/Charr. 12
- 11-149 Ben. 25
- 11-150 Ben. 26/Charr. 13
- 11-151 Ben. 27
- 11-152 Ben. 28/Charr. 14
- 11-153 Ben. 29
- 11-154 Ben. 30/Charr. 15
- 11-155 Ben. 31
- 11-156 Ben. 32/Charr. 16
- 11-157 Ben. 33
- 11-158 Ben. 34/Charr. 17
- 11-159 Ben. 35
- 11-160 Ben. 36/Charr. 18
- 11-161 Ben. 37
- 11-162 Ben. 38/Charr. 19
- 11-163 Ben. 39
- 11-164 Ben. 40/Charr. 20
- 11-165 Ben. 41
- 11-166 Ben. 42/Charr. 21
- 11-167 Ben. 43
- 11-168 Ben. 44/Charr. 22
- 11-169 Ben. 45
- 11-170 Ben. 46/Charr. 23
- 11-171 Ben. 47
- 11-172 Ben. 48/Charr. 24
- 11-173 Ben. 49
- 11-174 Ben. 50/Charr. 25
- 11-175 Ben. 51
- 11-176 Ben. 52/Charr. 26
- 11-177 Ben. 53
- 11-178 Ben. 54/Charr. 27
- 11-179 Ben. 55
- 11-180 Ben. 56/Charr. 28
- 11-181 Ben. 57
- 11-182 Ben. 58/Charr. 29
- 11-183 Ben. 59
- 11-184 Ben. 60/Charr. 30

11-148 - 184  
Urethral bougies  
and dilating sounds  
255 mm



**11-185**  
GUYON  
Set of urethral bougies and dilating sounds,  
in metal case, with lift out rack and bottom  
rack, containing 21 urethral and dilating sounds.

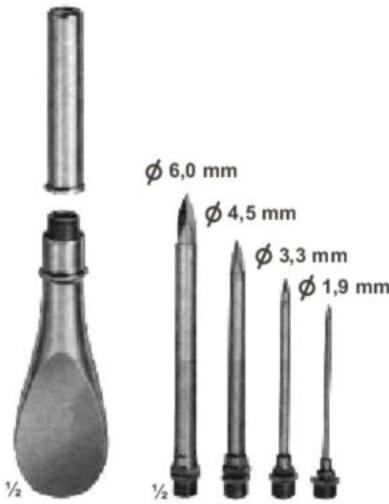


**11-186**  
WINKELMANN  
**Circumcision Clamps**  
12 mm / 16 mm / 20 mm

SURGICAL INSTRUMENTS



**11-187**  
KLIMA ROSEGGER  
35 X 1,8 mm  
Sternal puncture needle



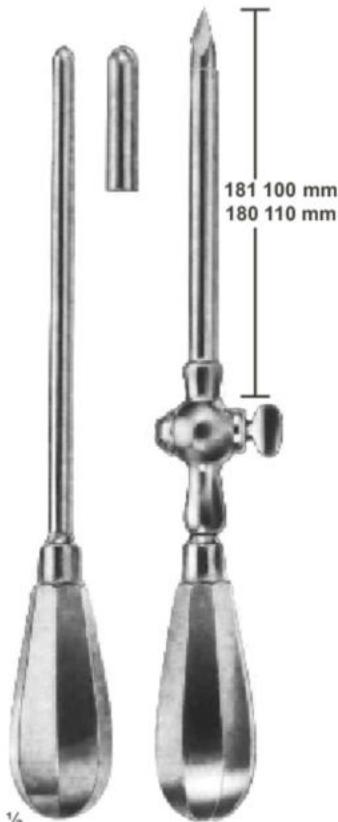
**11-188**  
Universal trocar  
with 4 tips



**11-189 - 193**  
Inside dime. Outside dime  
11-189 2,2 mm 3,0 mm  
11-190 3,0 mm 4,0 mm  
11-191 4,0 mm 5,0 mm  
11-192 5,0 mm 6,0 mm  
11-193 5,5 mm 6,5 mm  
for hydrocele and abdominal puncture



**11-194 - 197**  
Inside dime. Outside dime  
11-194 2,2 mm 3,0 mm  
11-195 3,0 mm 4,0 mm  
11-196 4,0 mm 5,0 mm  
11-197 5,0 mm 6,0 mm  
for abdominal puncture,  
with stop-cock and lateral  
drain



**11-198 - 199**  
Inside dime. Outside dime  
11-198 6,5 mm 8,0 mm  
11-199 9,0 mm 10,0 mm  
Empyema trocar



**11-200 - 203**  
Inside dime. Outside dime  
11-200 3,0 mm 4,0 mm  
11-201 3,6 mm 4,6 mm  
11-202 4,3 mm 5,3 mm  
11-203 5,0 mm 6,0 mm  
Gall bladder trocars

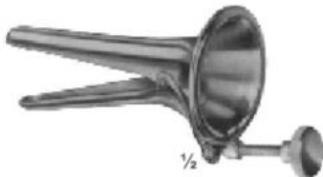


**11-204**  
PIERCE  
Antrum trocar  
4,0 mm

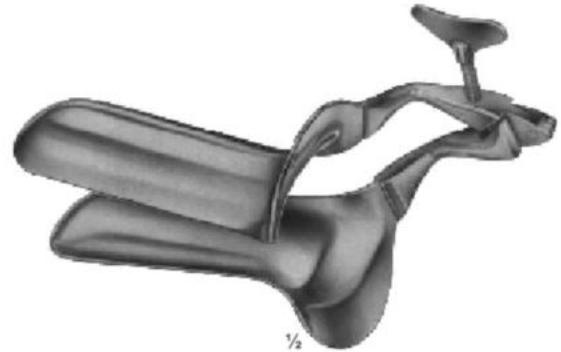


**11-205**  
COAKLEY  
Antrum trocar  
3,0 mm

SURGICAL INSTRUMENTS



**12-101**  
COLLIN  
for children  
53 x 10 mm



**12-102 - 105**  
COLLIN  

<b>12-102</b>	100/90mm	28 mm
<b>12-103</b>	100/90mm	32 mm
<b>12-104</b>	105/95mm	35 mm
<b>12-105</b>	115/105mm	40 mm

 Total length/working length      width



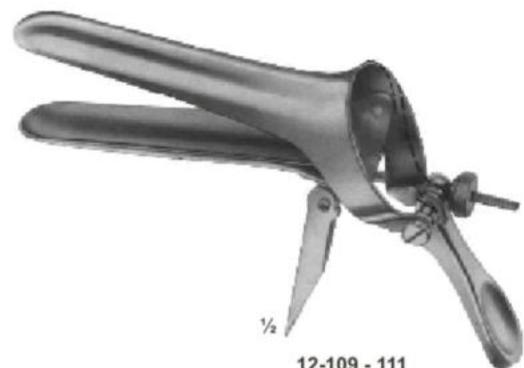
**12-106**  
COLLIN  
for virgins  
95/85 x 18 mm



**12-107**  
CUSCO  
for virgins  
75 x 17 mm



**12-108**  
CUSCO  
for virgins  
75 x 17 mm



**12-109 - 111**  
CUSCO  

<b>12-109</b>	92X23-25 mm
<b>12-110</b>	100x25-27 mm
<b>12-111</b>	110x27-30 mm

SURGICAL INSTRUMENTS



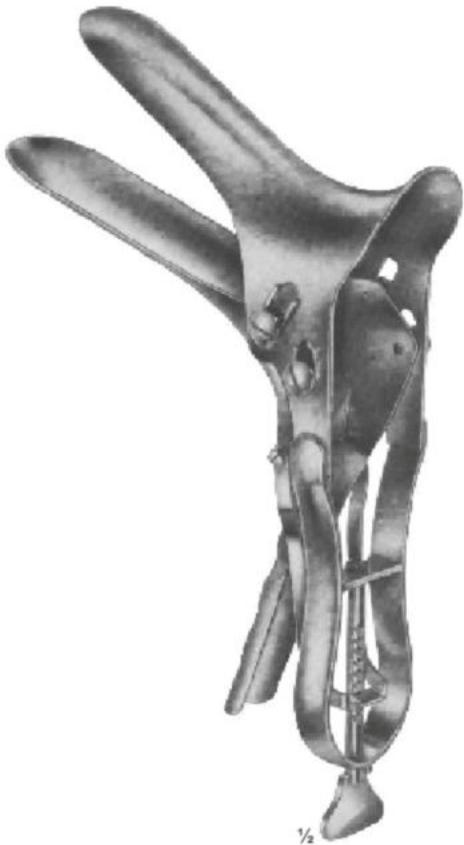
12-112 - 115  
CUSCO  
STANDARD  
12-112 80X24 mm  
12-113 80X32 mm  
12-114 90X36 mm  
12-115 110X37 mm



12-116 - 119  
CUSCO  
12-116 80X24 mm  
12-117 80X32 mm  
12-118 90X36 mm  
12-119 110X37 mm



12-120 - 122  
CUSCO  
12-120 80X24 mm  
12-121 80X32 mm  
12-122 115X36 mm



12-123 - 124  
SEYFFERT  
12-123 100X24 mm  
12-124 110X32 mm  
230 mm



12-125  
SEMM  
for children  
and virgins  
180 mm

SURGICAL INSTRUMENTS



12-126 - 128  
GRAVE  
12-126 75X20 mm  
12-127 95X30 mm  
12-128 105X33 mm

1/2



12-129 - 130  
PEDERSON  
12-129 100X22 mm  
12-130 120X25 mm

1/2



12-131 - 132  
BRIESKY  
12-131 72X25 mm / 77X30 mm  
12-132 75X30 mm / 92X38 mm  
170 mm

1/2



12-133 - 134  
BREISKY  
12-133 100X22 mm  
77 X30 mm  
140 mm  
12-134 120X25 mm  
92 X38 mm

1/2



12-135 - 137  
SEIDL  
12-135 80X8 mm  
12-136 80X10 mm  
12-137 90X14 mm  
For children and infants  
170 mm

1/2



12-138  
KRISTELLER  
70X15 mm, ( 170 mm )  
For children

1/2

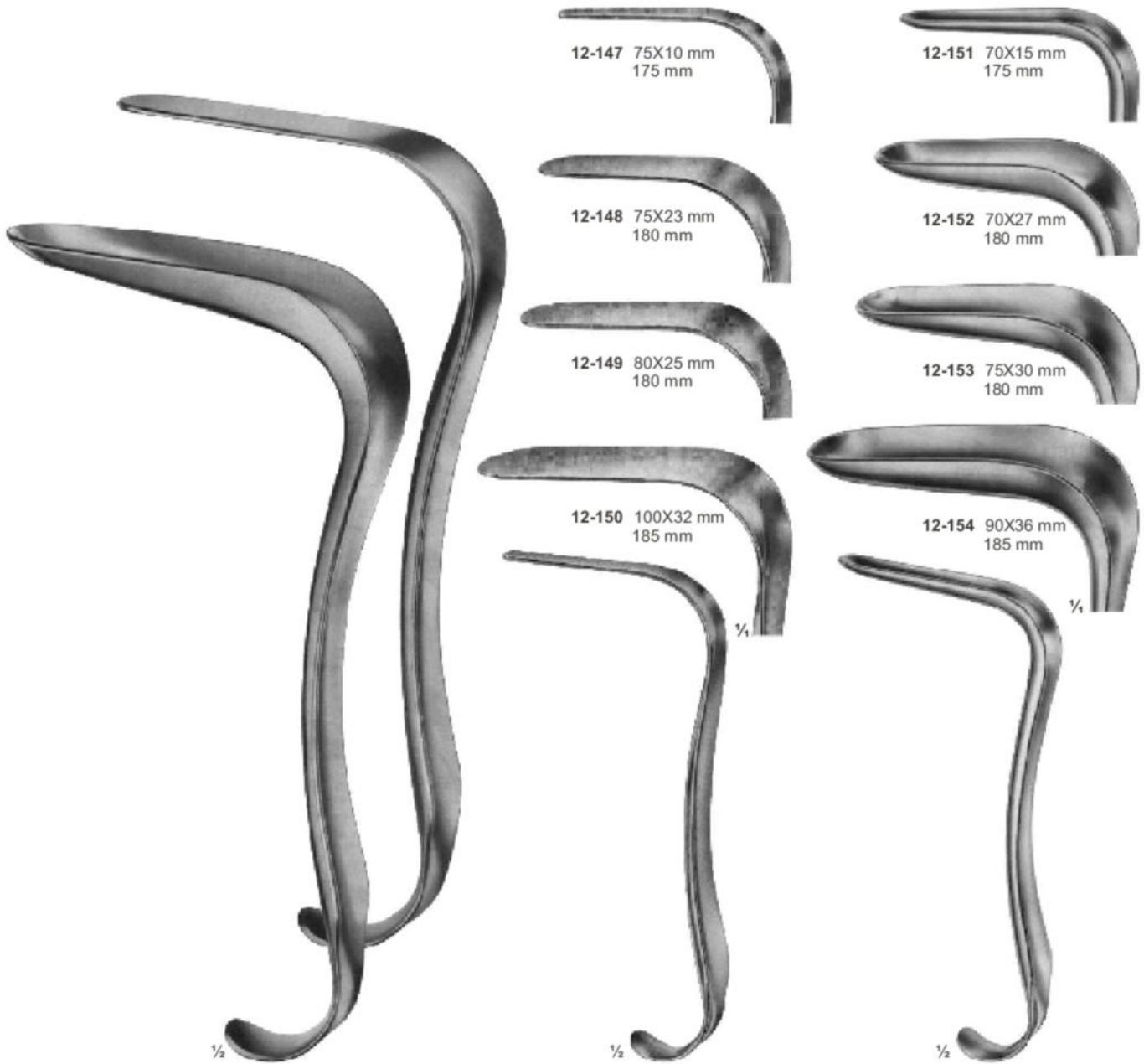


12-139 - 141  
SIMS  
12-139 70X26 mm  
75 X30 mm 125 mm  
12-140 75X30 mm  
80 X85 mm 150 mm  
11-141 80X36 mm

1/2



SURGICAL INSTRUMENTS



12-147 75X10 mm  
175 mm

12-151 70X15 mm  
175 mm

12-148 75X23 mm  
180 mm

12-152 70X27 mm  
180 mm

12-149 80X25 mm  
180 mm

12-153 75X30 mm  
180 mm

12-150 100X32 mm  
185 mm

12-154 90X36 mm  
185 mm

12-142 - 146  
KRISTELLER  
12-142 110X18 mm  
12-143 110X20 mm  
12-144 110X27 mm  
12-145 110X30 mm  
12-146 110X36 mm  
220 mm

12-147 - 150  
KRISTELLER  
Upper blades

12-151 - 154  
KRISTELLER  
Lower blades

SURGICAL INSTRUMENTS



12-155 115X14 mm  
215 mm

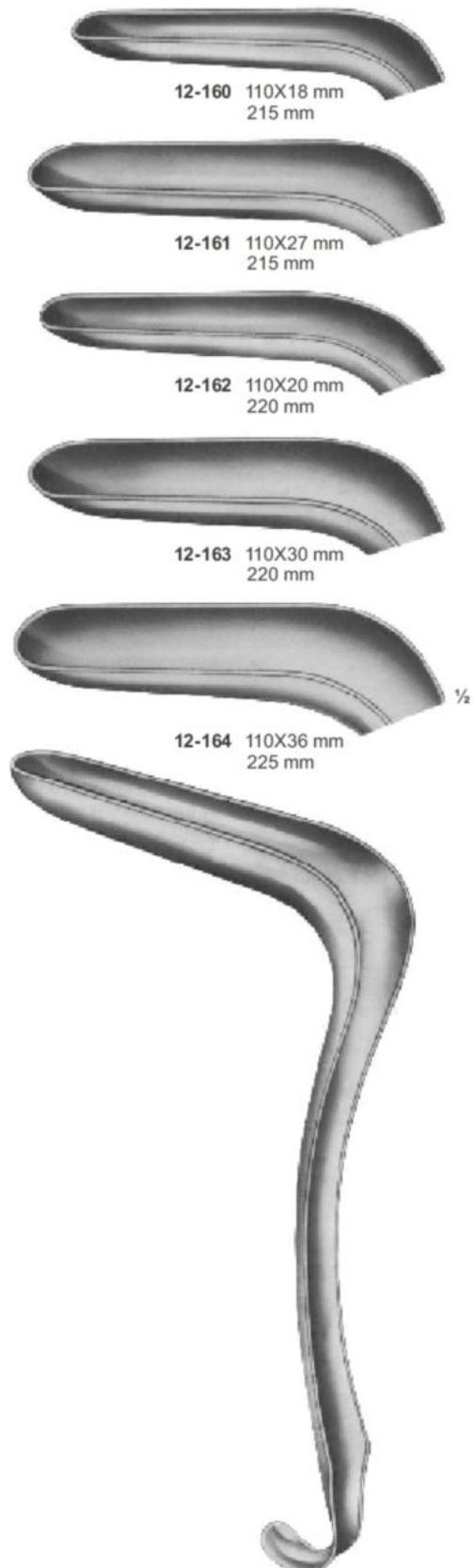
12-156 115X23 mm  
215 mm

12-157 115X16 mm  
220 mm

12-158 115X26 mm  
220 mm

12-159 120X30 mm  
225 mm

12-155 - 159  
KRISTELLER  
Upper blades



12-160 110X18 mm  
215 mm

12-161 110X27 mm  
215 mm

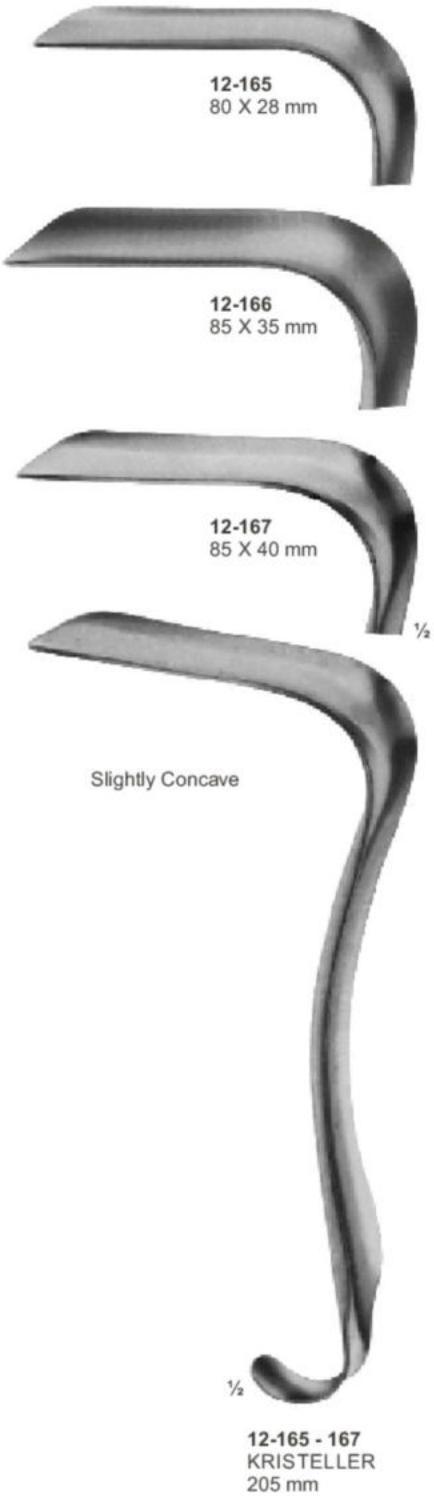
12-162 110X20 mm  
220 mm

12-163 110X30 mm  
220 mm

12-164 110X36 mm  
225 mm

12-160 - 164  
KRISTELLER  
Lower blades

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



56 x 13 mm

1/2  
**12-171**  
BRAUN  
180 mm



60 x 10 mm

1/2  
**12-172**  
BRAUN  
180 mm



95 x 17 - 30 mm

1/2  
**12-173**  
MATHIEU  
For children  
and virgins  
210 mm



95 x 17-26 mm

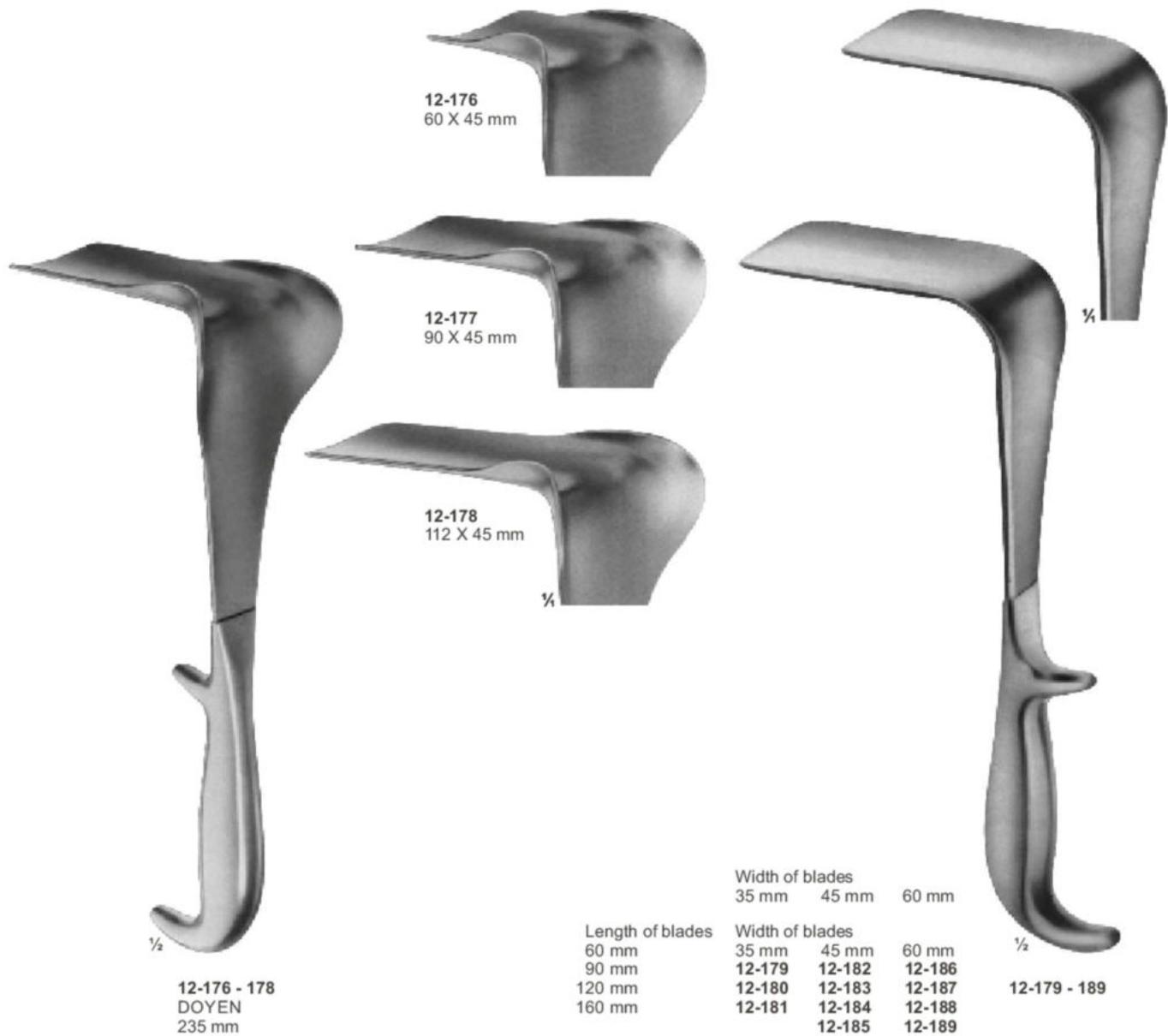
1/2  
**12-174**  
MATHIEU  
for children and  
virgins fitting  
210 mm



1/2  
**12-175**  
Handle with cold light  
carrier for upper blades  
280 mm



SURGICAL INSTRUMENTS



12-176  
60 X 45 mm

12-177  
90 X 45 mm

12-178  
112 X 45 mm

12-176 - 178  
DOYEN  
235 mm

Length of blades	Width of blades		
	35 mm	45 mm	60 mm
60 mm	12-179	12-182	12-186
90 mm	12-180	12-183	12-187
120 mm	12-181	12-184	12-188
160 mm		12-185	12-189

12-179 - 189

SURGICAL INSTRUMENTS



12-190 - 194  
BREISKY  
WIENER MODELL/  
VIENNA PATTERN  
12-190 100 X 20 mm  
12-191 100 X 25 mm  
12-192 100 X 30 mm  
12-193 100 X 35 mm  
12-194 100 X 40 mm  
300 mm



12-195 - 199  
BREISKY  
WIENER MODELL/  
VIENNA PATTERN  
12-195 130 X 20 mm  
12-196 130 X 25 mm  
12-197 130 X 30 mm  
12-198 130 X 35 mm  
12-199 130 X 40 mm  
320 mm



12-200 - 201  
WEISSBARTH  
12-200 80 X 28 mm  
12-201 85 X 42 mm  
210 mm

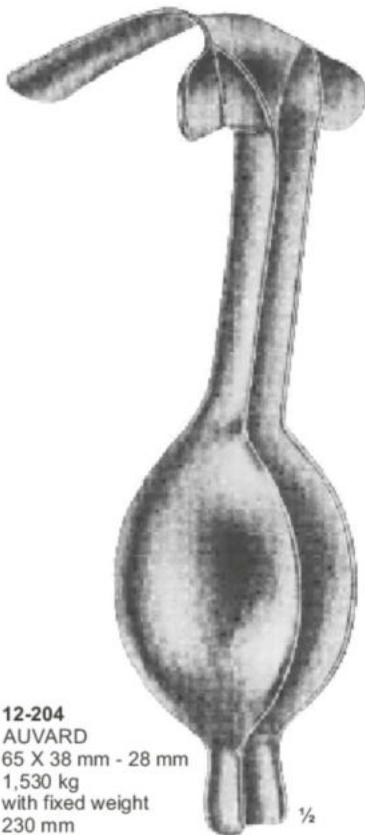


12-202  
DOYEN  
lateral speculum  
80 x 30 mm  
250 mm

SURGICAL INSTRUMENTS



**12-203**  
SIMON  
115 X 22 mm  
275 mm



**12-204**  
AUVARD  
65 X 38 mm - 28 mm  
1,530 kg  
with fixed weight  
230 mm

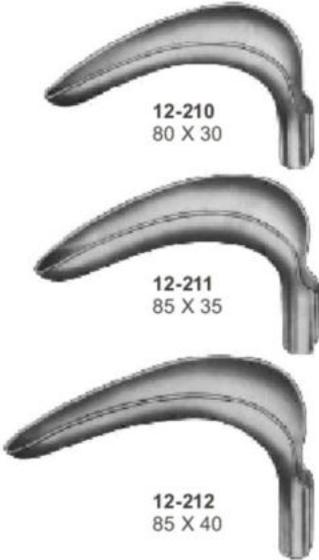


**12-205 - 206**  
AUVARD  
**12-205** 75 X 42 mm  
( 40 mm )  
**12-206** 105 X 43 mm  
( 40 mm )  
with detachable wight  
230 mm



**12-207**  
MARTIN  
with hook shaped  
handle for hanging  
in weights  
270 mm

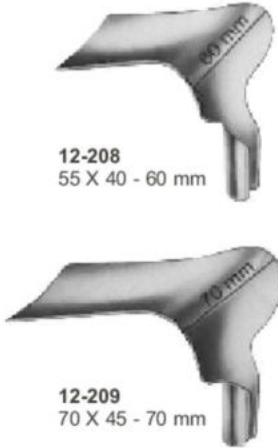
SURGICAL INSTRUMENTS



12-210  
80 X 30

12-211  
85 X 35

12-212  
85 X 40

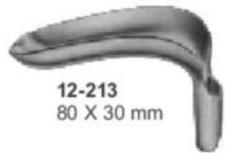


12-208  
55 X 40 - 60 mm

12-209  
70 X 45 - 70 mm



12-208 - 212  
SCHERBACK  
Set consisting of:  
handle  
weight  
5 blades



12-213  
80 X 30 mm



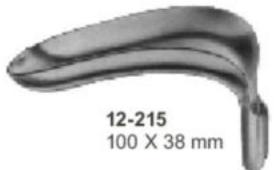
12-217  
65 X 30 mm



12-214  
85 X 33 mm



12-218  
75 X 35 mm



12-215  
100 X 38 mm



12-219  
85 X 35 mm



12-216  
110 X 42 mm



12-220  
95 X 35 mm



12-213 - 220  
SCHERBACK  
Set consisting of:  
2 handle  
8 blades

SURGICAL INSTRUMENTS



1/2  
12-221  
JOLL (FRIEDMAN)  
155 mm



1/2  
12-222  
RICHTER  
170 mm



1/2  
12-223  
GELPI  
135 mm



1/2  
12-224  
GELPI  
175 mm

SURGICAL INSTRUMENTS



1/2

13-101 - 143  
HEGAR  
with very conical point  
185 mm

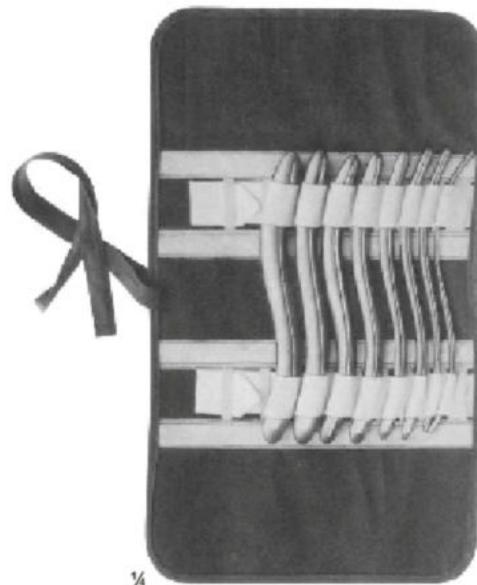
13-101	1	mm	13-123	23	mm
13-102	2	mm	13-124	24	mm
13-103	3	mm	13-125	25	mm
13-104	4	mm	13-126	26	mm
13-105	5	mm	13-127	1	1/2mm
13-106	6	mm	13-128	2	1/2mm
13-107	7	mm	13-129	3	1/2mm
13-108	8	mm	13-130	4	1/2mm
13-109	9	mm	13-131	5	1/2mm
13-110	10	mm	13-132	6	1/2mm
13-111	11	mm	13-133	7	1/2mm
13-112	12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



1/2

13-144 - 152  
HEGAR  
205 mm

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



1/4

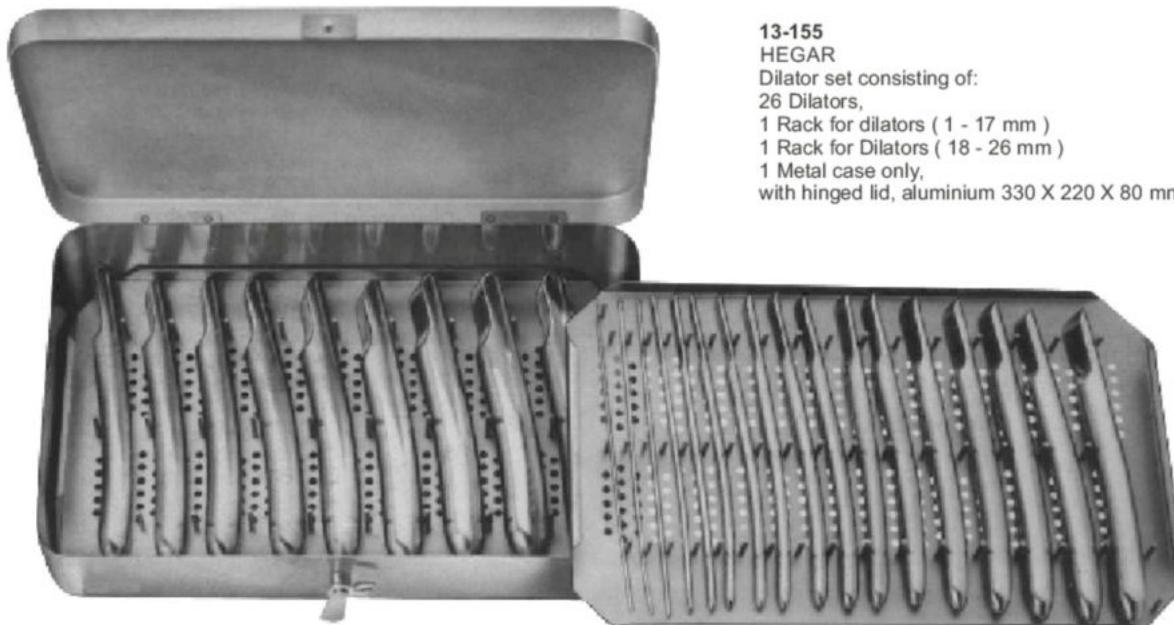
13-153  
HEGAR  
Uterine dilator set, in canvas  
roll with 8 dilators.



## SURGICAL INSTRUMENTS

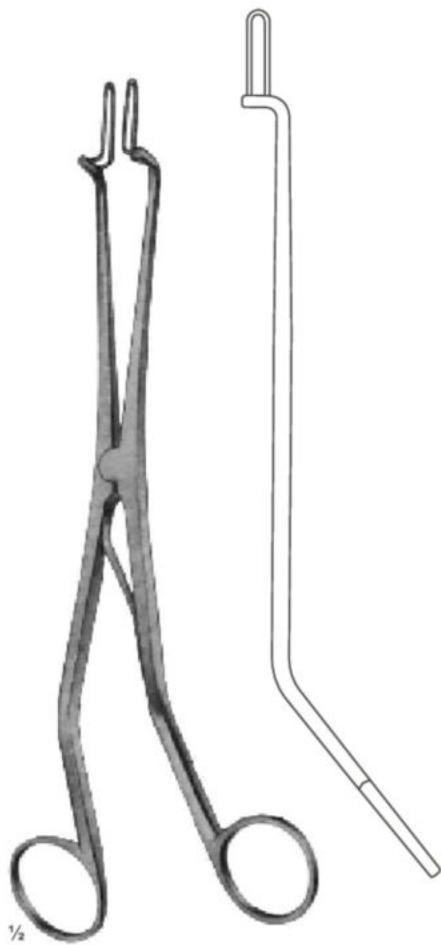


**13-154**  
HEGAR  
Dilator set consisting of:  
14 Dilators,  
1 Rack for dilators ( 4 - 12 mm )  
1 Rack for Dilators ( 13 - 17 mm )  
1 Metal case only,  
with hinged lid, stainless 200 X 100 X 35 mm

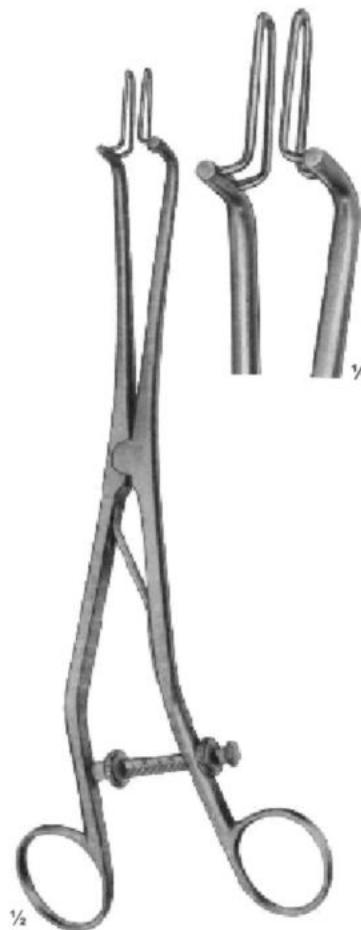


**13-155**  
HEGAR  
Dilator set consisting of:  
26 Dilators,  
1 Rack for dilators ( 1 - 17 mm )  
1 Rack for Dilators ( 18 - 26 mm )  
1 Metal case only,  
with hinged lid, aluminium 330 X 220 X 80 mm

SURGICAL INSTRUMENTS



**13-156**  
KOGAN  
Endospecula for cervix  
and urethra, without ratchet  
240 mm



**13-157**  
KOGAN  
Endospecula for cervix  
and urethra, with  
scale-ratchet and fixing screws  
240 mm

SURGICAL INSTRUMENTS



14-101  
MAYO  
biegsam malleable  
330 mm



14-102  
SIMS  
biegsam malleable  
330 mm



14-103  
MARTIN  
330 mm



14-104  
SIMPSON  
malleable  
silver-plated  
290 mm

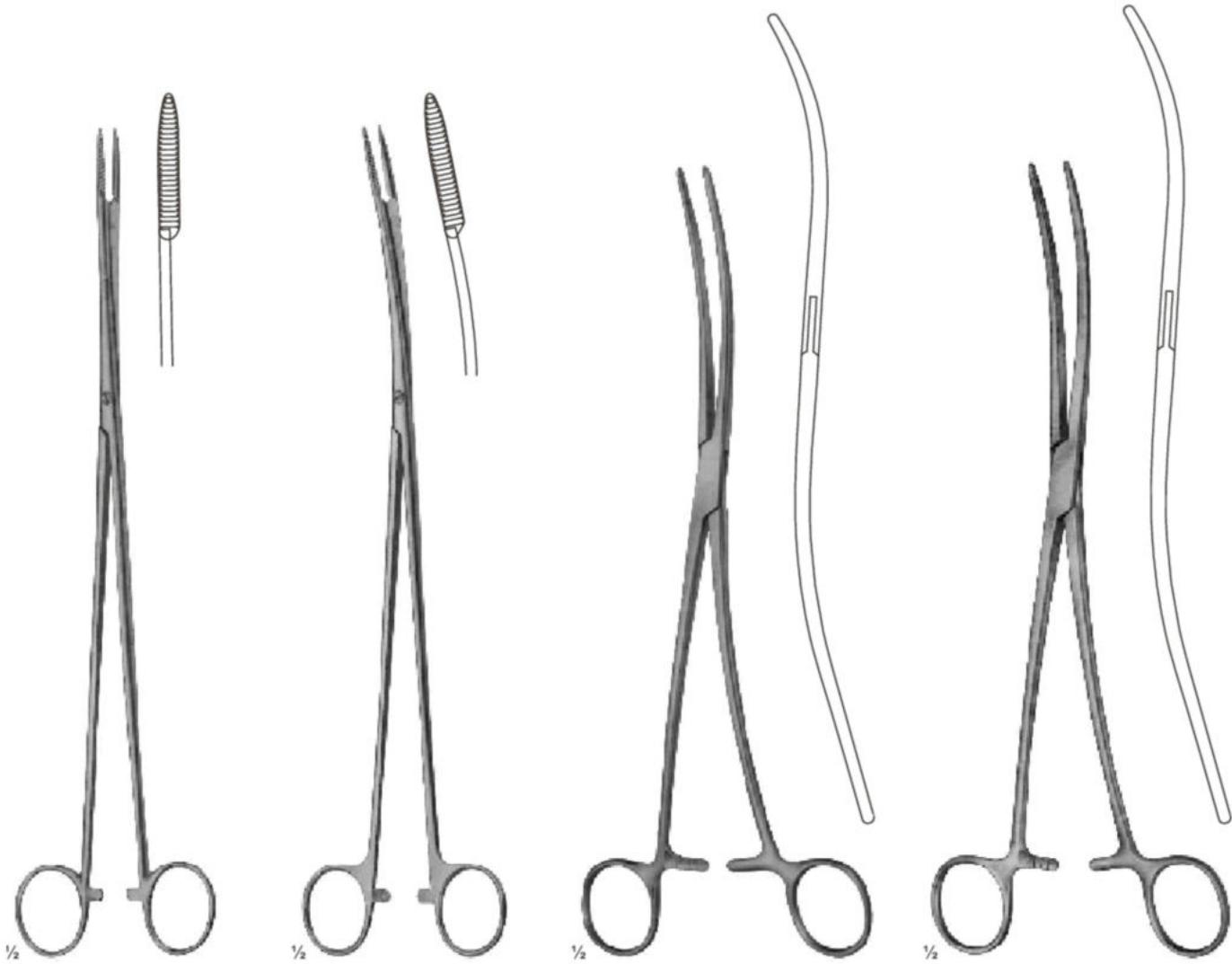


14-105  
BRAUN  
Uterine  
depressor  
270 mm



14-106  
Cotton  
applicator  
270 mm

SURGICAL INSTRUMENTS



14-107  
PELKMANN  
260 mm

14-108  
PELKMANN  
260 mm

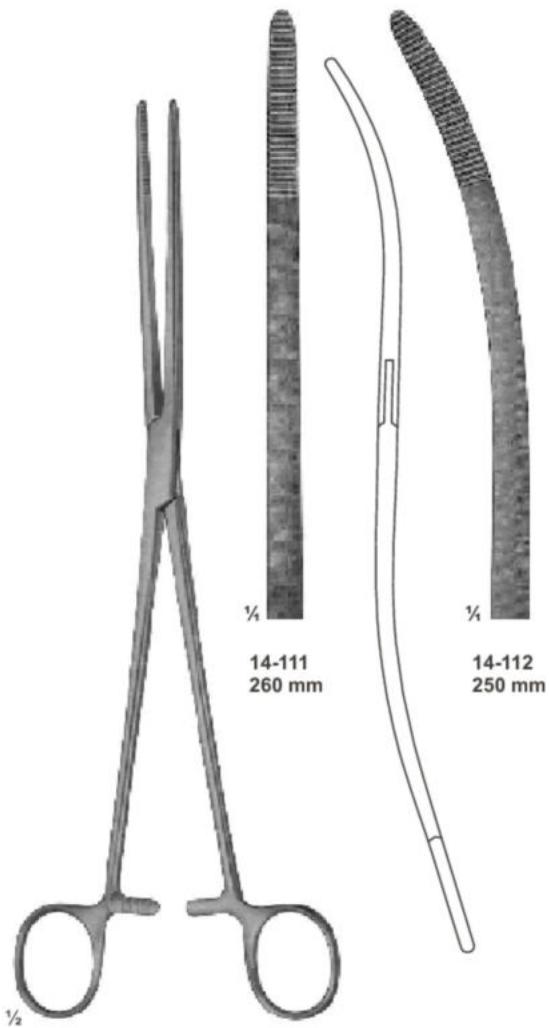
14-109  
BOZEMANN  
250 mm

14-110  
BOZEMANN  
255 mm

Jaws with longitudinal groove



SURGICAL INSTRUMENTS



14-111 - 112  
BOZEMANN



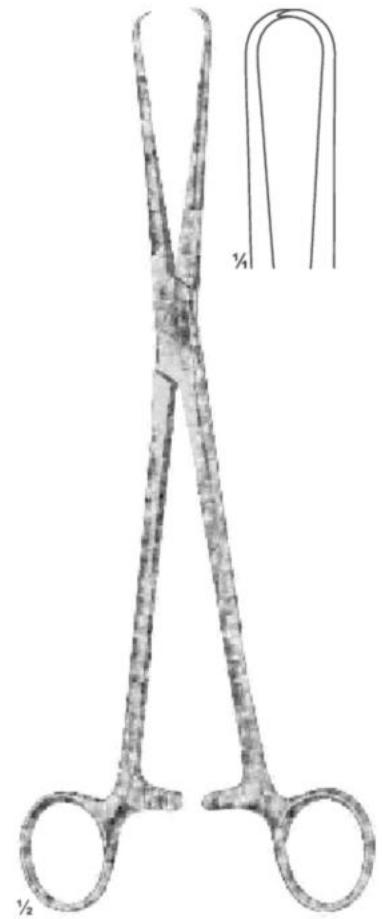
14-113  
BOZEMANN-DOUGLAS  
260 mm



**14-114**  
BRAUN  
slender type  
250 mm



**14-115**  
SCHRODER  
250 mm

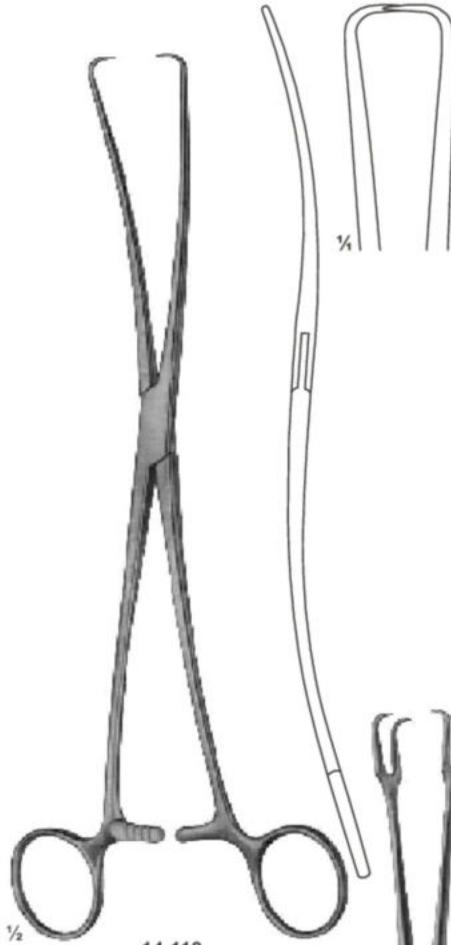


**14-116**  
POZZI  
heavy type  
255 mm

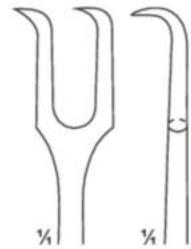
SURGICAL INSTRUMENTS



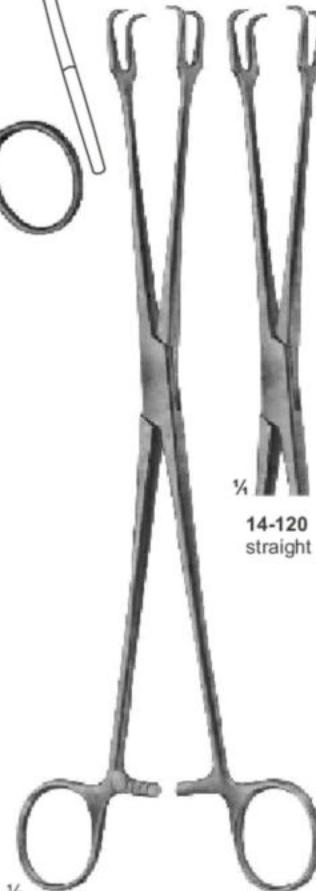
1/2  
**14-117**  
265 mm



1/2  
**14-118**  
DUPLAY  
250 mm



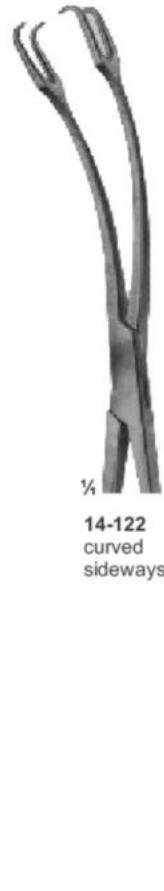
1/2  
**14-119**  
LAHEY  
155 mm



1/2  
**14-120**  
straight



1/2  
**14-121**  
curved  
on flat

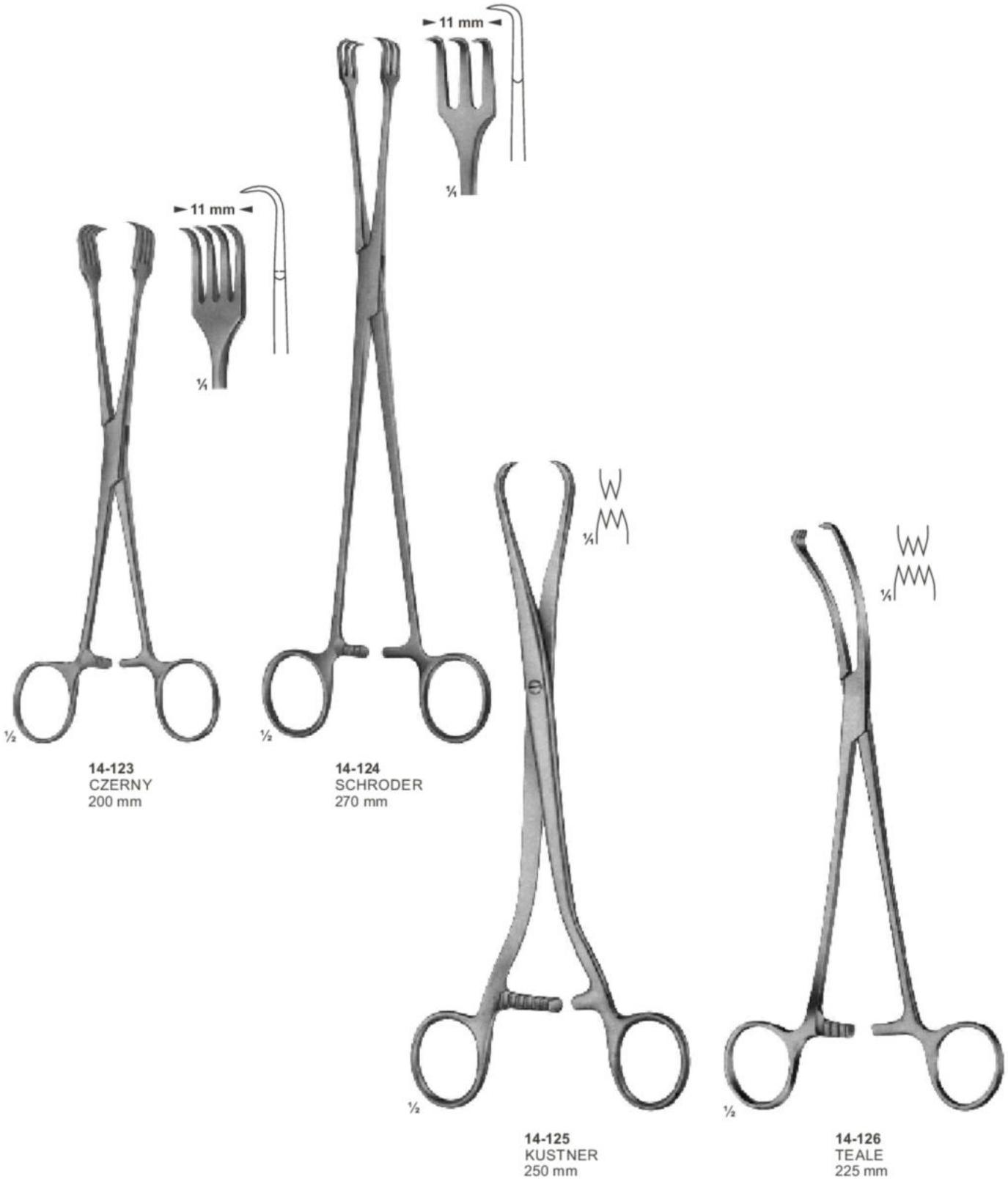


1/2  
**14-122**  
curved  
sideways

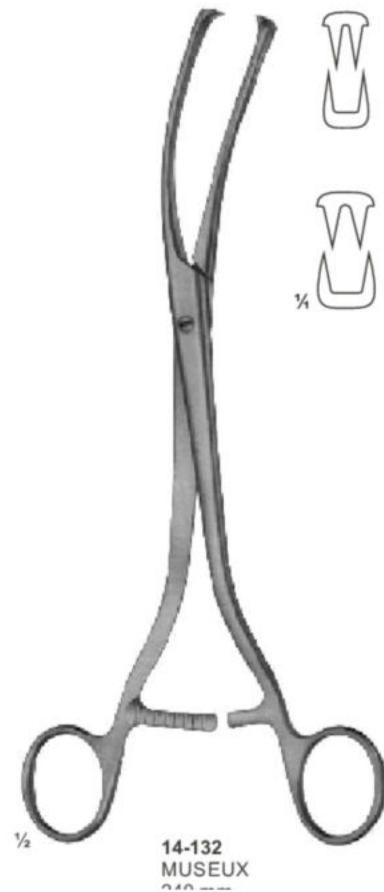
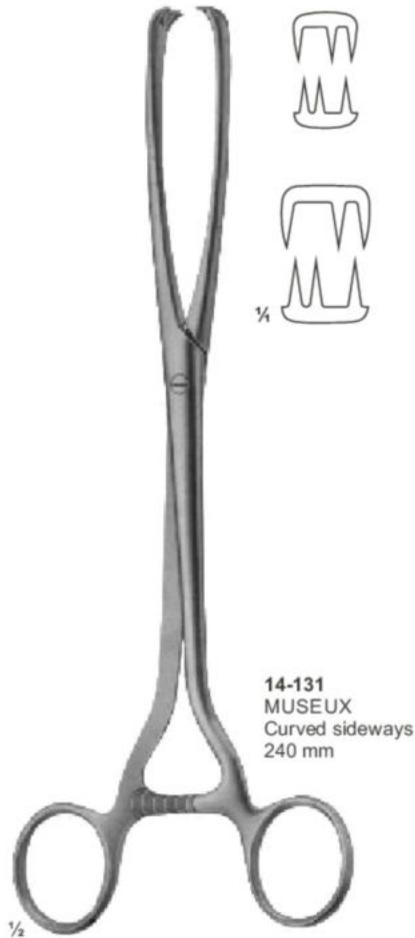
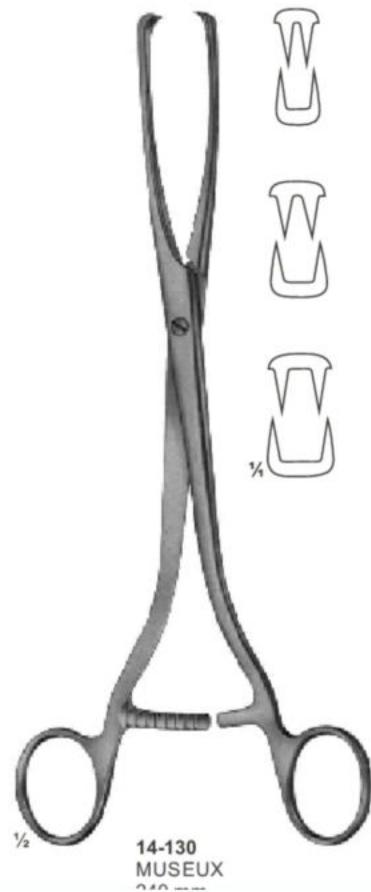
1/2  
**14-120 - 122**  
SCHRODER  
250 mm



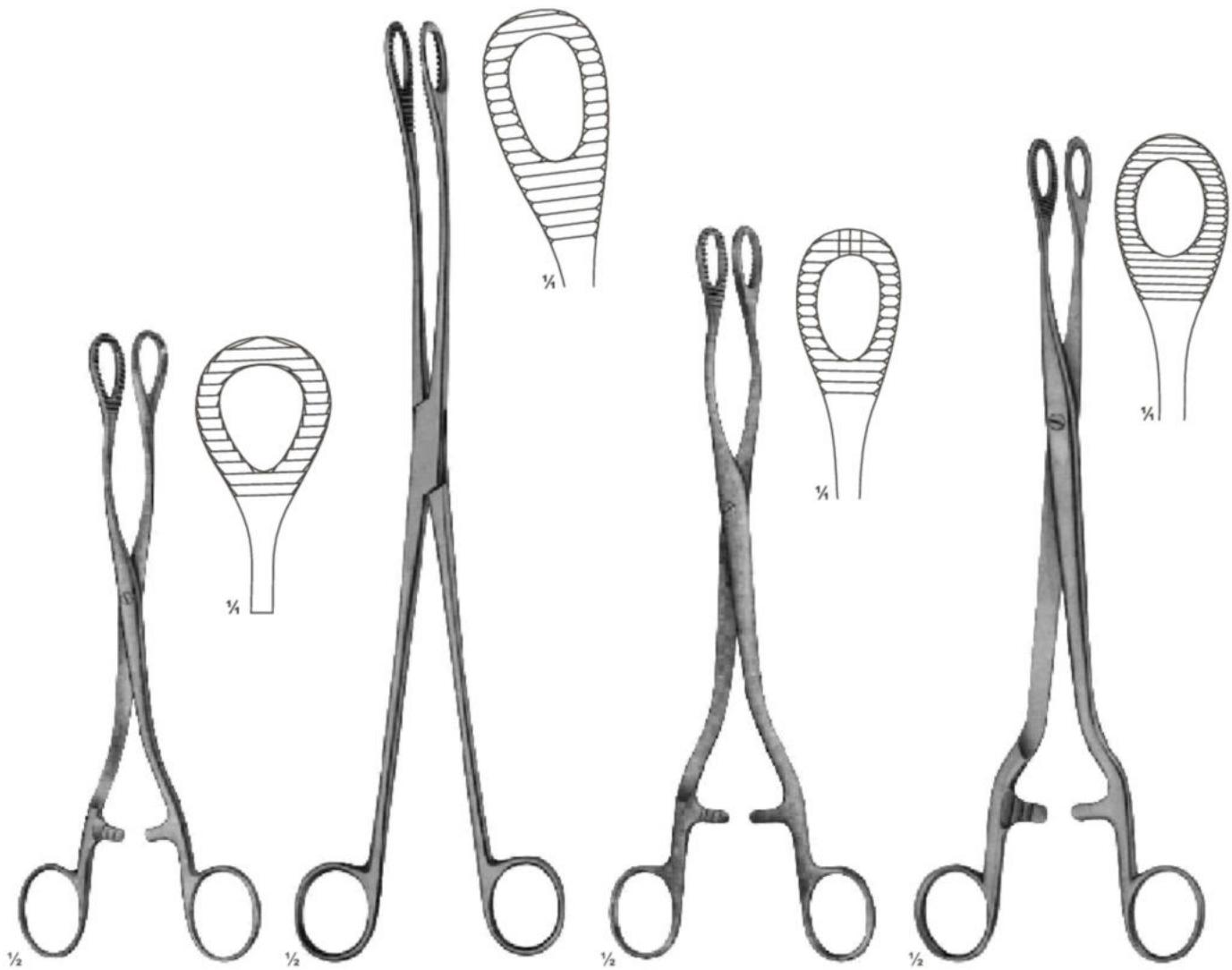
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



14-133  
HEYWOOD-SMITH  
200 mm

14-134  
KELLY  
320 mm

14-135  
HEYWOOD-SMITH  
250 mm

14-136  
NOTO  
280 mm

SURGICAL INSTRUMENTS



¼



¼



¼

14-138

14-139



¼



½

14-137  
DOYEN  
185 mm



½

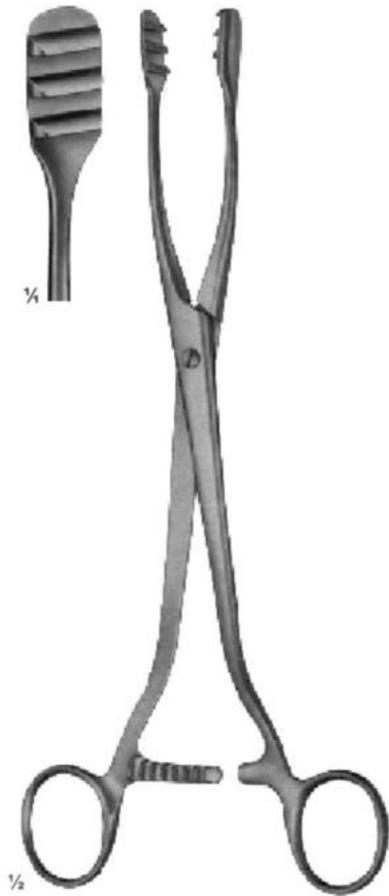
14-138 - 139  
250 mm 270 mm



½

14-140  
BUMM  
280 mm





14-141  
COLLIN  
250 mm



14-142  
COLLIN  
285 mm



14-143  
DARTIGUES  
255 mm



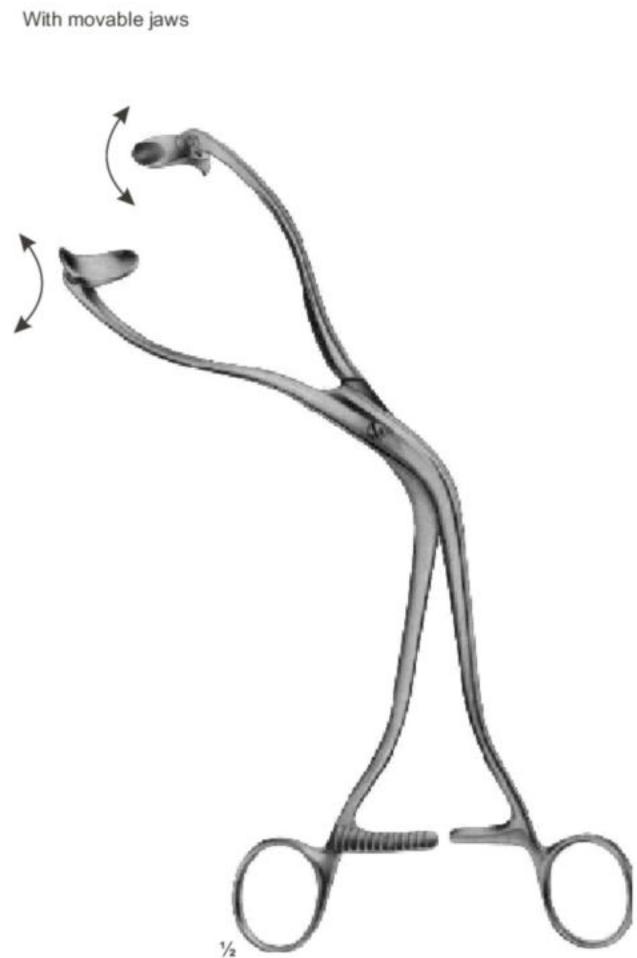
14-144  
SOMER  
235 mm



14-145  
STRASSMANN  
260 mm



14-146  
COLLIN  
265 mm



14-147  
260 mm

SURGICAL INSTRUMENTS



14-148  
SEGOND  
Myomatome  
270 mm



14-149  
DOYEN  
Myoma screw  
150 mm

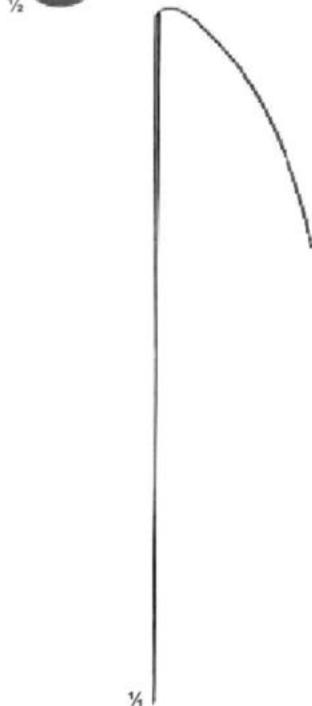


14-150  
DOYEN  
Myoma screw  
190 mm



14-151 14-152 14-153

14-151 - 153  
NEUBUSER  
Tubal seizing forceps  
200 mm



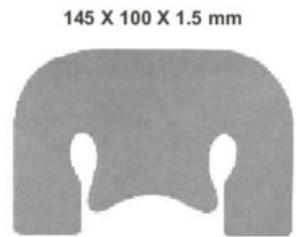
14-154  
Splint guide  
with thread



14-155  
Splint guide  
with round handle



14-156  
Angled glass rods  
Set . 3 pieces



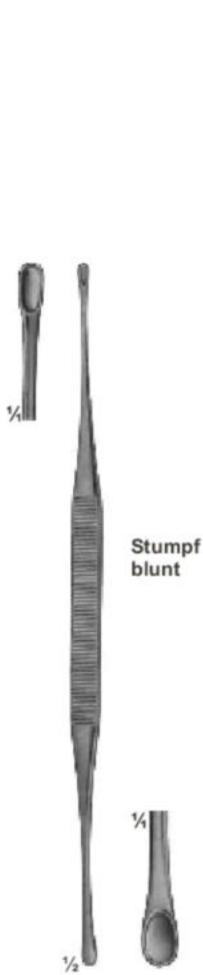
145 X 100 X 1.5 mm

14-157  
Silicon operating pad  
pre-cut

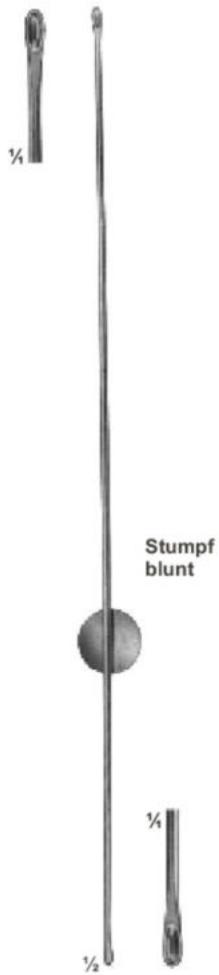


14-158  
Polyethylene splint material  
soft-sterile

SURGICAL INSTRUMENTS



**15-101**  
ASCH  
Uterine  
Secretion scoop  
200 mm



**15-102**  
Uterine  
Secretion scoop  
270 mm

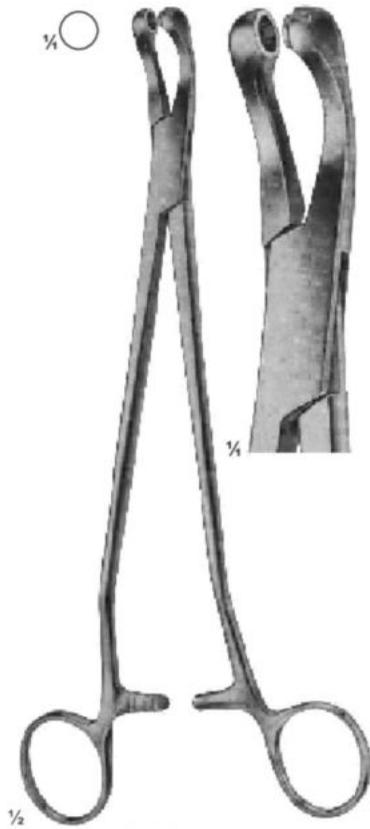


**15-103**  
NOVAK-SCHOECKAERT  
Endometrial biopsy  
curette  
240 mm



**15-104**  
RANDALL  
Endometrial biopsy  
curette  
240 mm

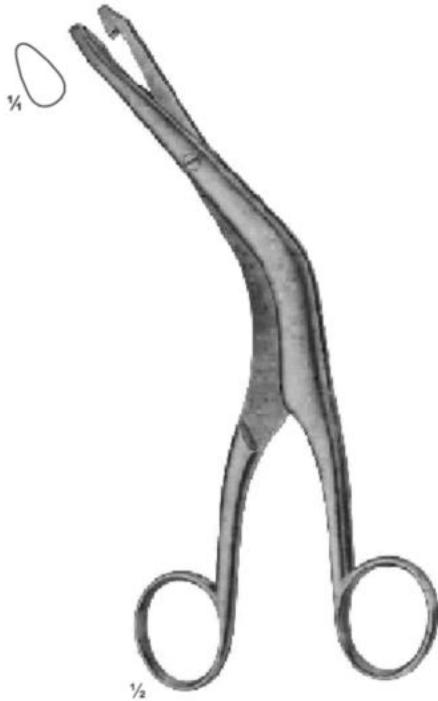
SURGICAL INSTRUMENTS



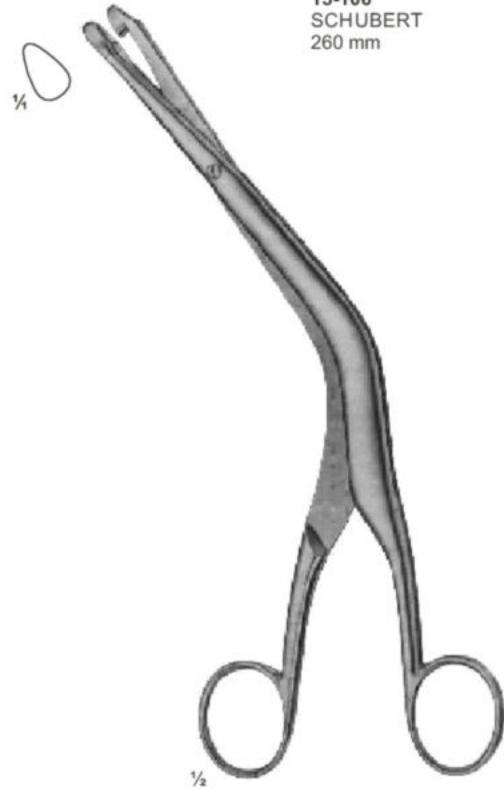
15-105  
THOMS-GAYLOR  
240 mm



15-106  
SCHUBERT  
260 mm



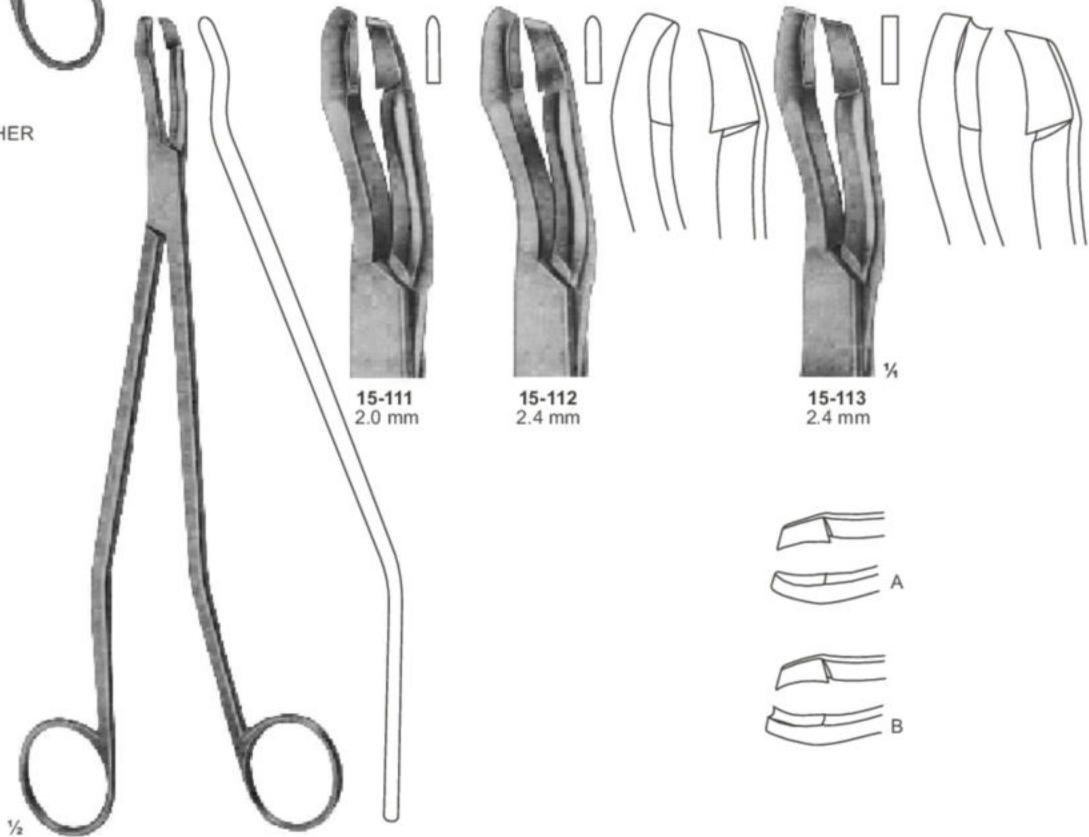
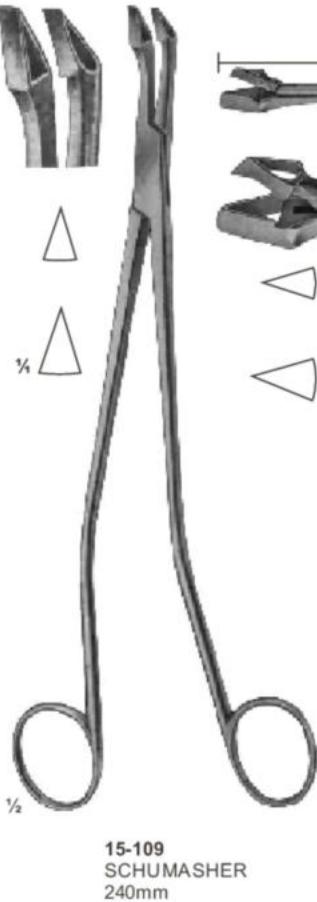
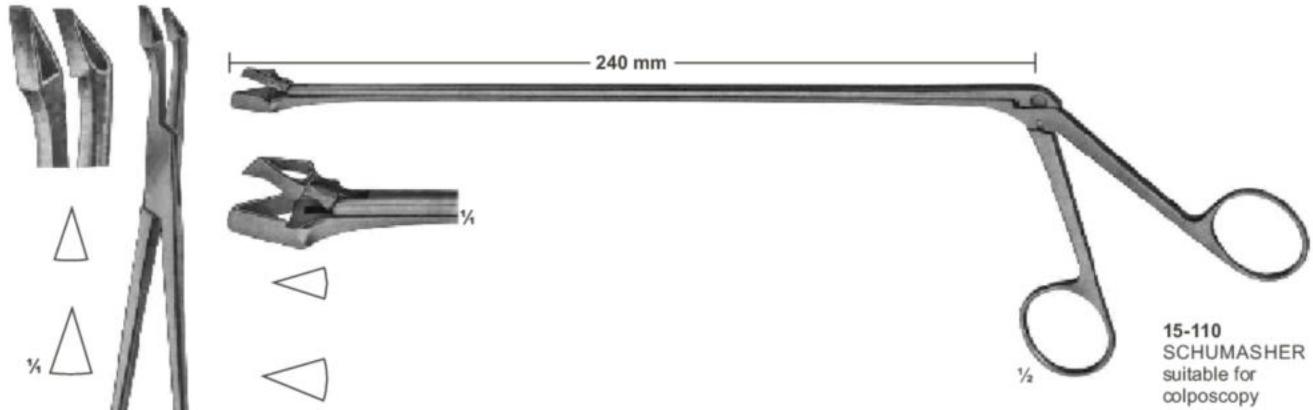
15-107  
FAURE  
210 mm



15-108  
FAURE  
240 mm

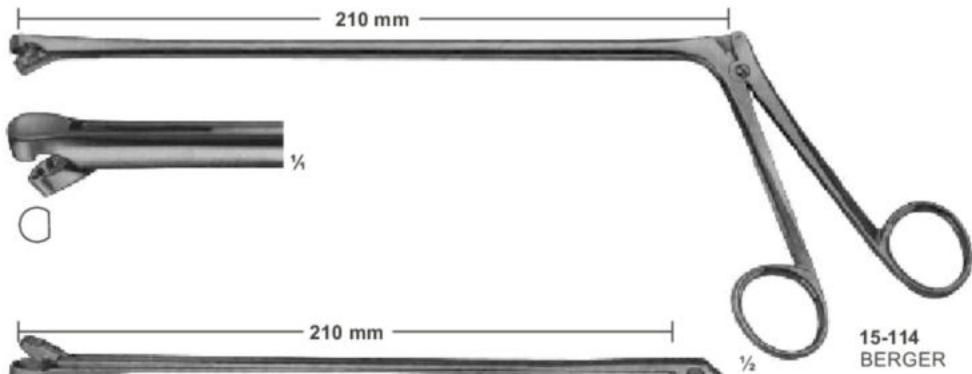


SURGICAL INSTRUMENTS

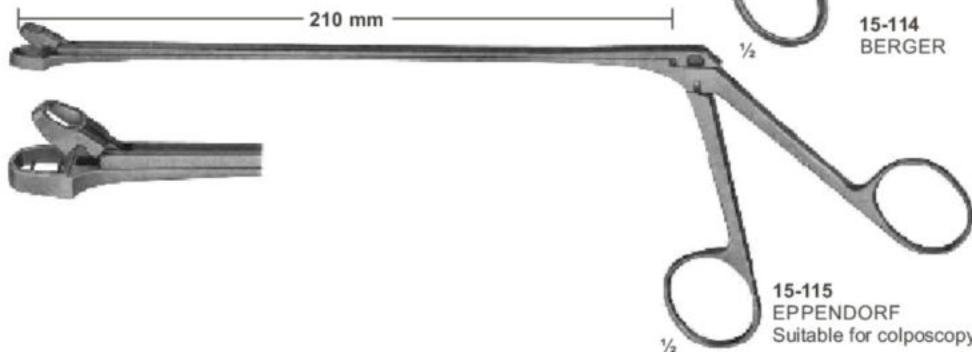


15-111 - 113  
SEIDL DBP  
Biopsy forceps, bayonet shaped  
for portio, vagina and vulva  
240mm

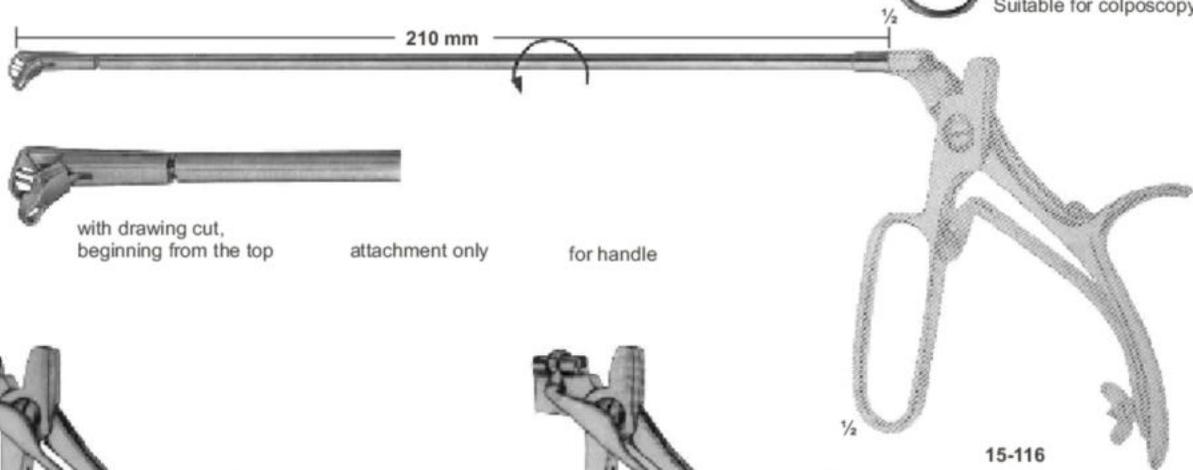
SURGICAL INSTRUMENTS



15-114 BERGER



15-115 EPPENDORF  
Suitable for colposcopy

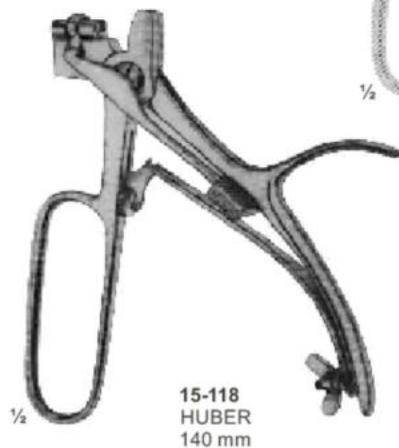


15-116

with drawing cut, beginning from the top      attachment only      for handle



15-117  
140 mm



15-118 HUBER  
140 mm



Extension cannulae

15-119 BRUENINGS 200 mm Length  
15-120 BRUENINGS 250 mm Length



15-121 KRAUSE ( Biopsy tip )

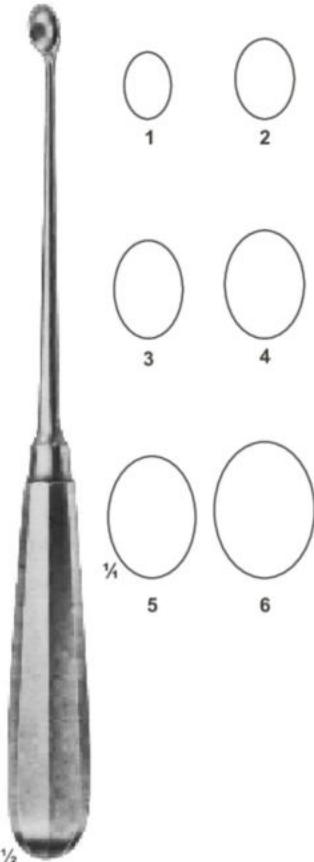


15-122 SCHEINMANN ( Biopsy tip )

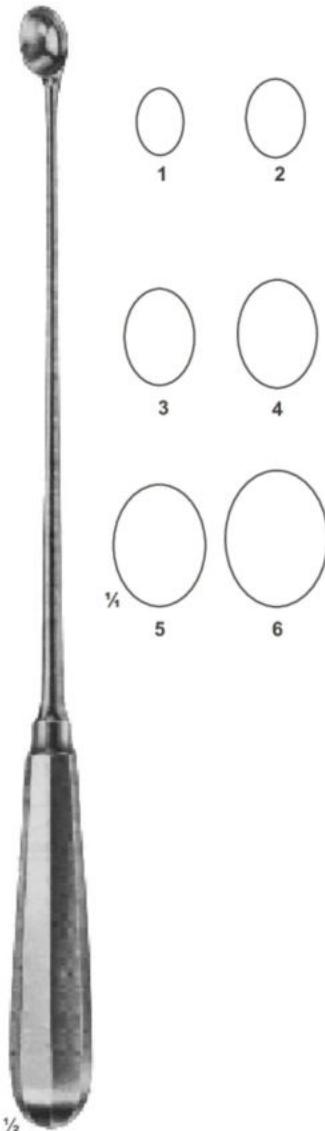


15-123 SCHEINMANN ( Biopsy tip )  
with drawing cut

SURGICAL INSTRUMENTS



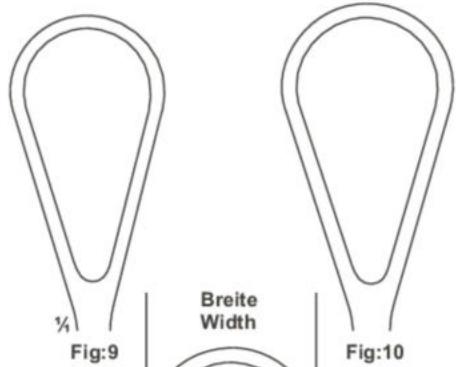
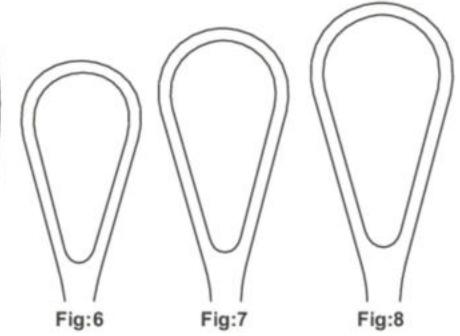
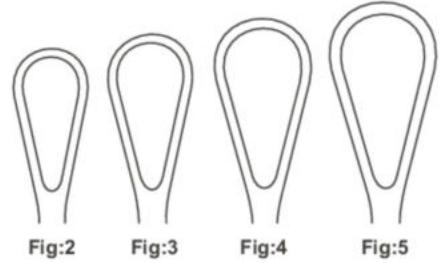
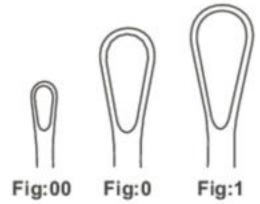
1/2  
15-124  
SIMON  
240 mm



1/2  
15-125  
SCHRODER  
310 mm



1/2  
15-126  
RECAMIER  
300 mm





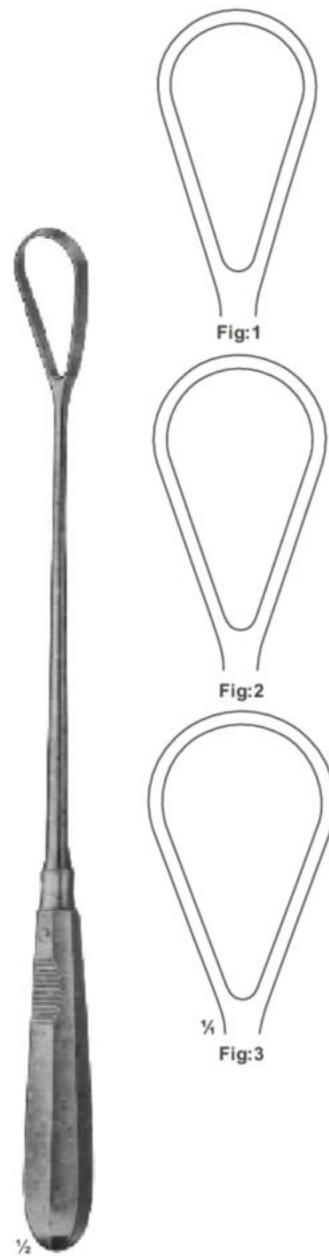
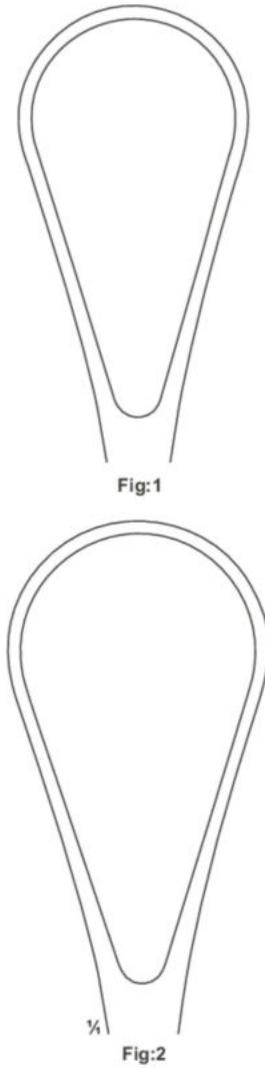
SURGICAL INSTRUMENTS



15-130  
COLLIN  
300 mm



15-131  
RECAMIER  
blunt-rigid  
360 mm



15-132  
BUMM  
310 mm

SURGICAL INSTRUMENTS

**15-133 - 138**  
Suction curettes, stainless steel, fitting hose connection.

Working tips are smoothly rounded of, therefore no danger of perforation.



( suitable for suction biopsy )  
**15-133:** diam 4 mm  
**15-134:** diam 6 mm  
**15-135:** diam 8 mm  
**15-136:** diam 10 mm  
**15-137:** diam 12 mm  
**15-138:** diam 14 mm

**15-139**  
Hose connection inside diam. 11 mm curved stainless steel.



**15-140**  
The new connection between suction curette and hose connection, Guarantees quick changing and free turning of the suction curettes on the hose connection.

**15-141**  
Transparent suction hose 1.8 mm long, inside diam 11 mm, outside diam 16.5 mm can be sterilized in an autoclave at 1 bar overpressure ( 120 C )

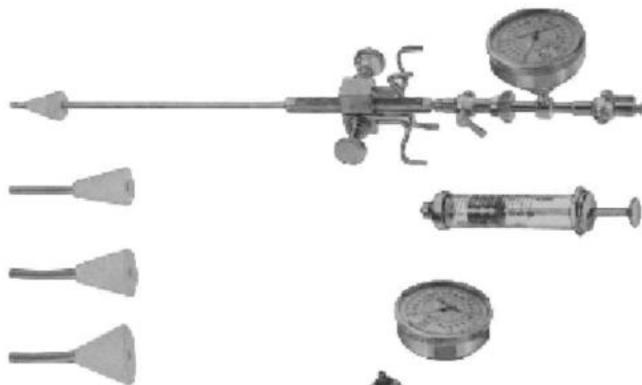
**15-142**  
Strainer for tissues, plastic, for single use only, to be used for histopathological examination.



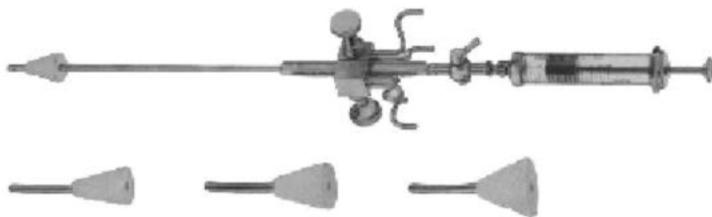
SURGICAL INSTRUMENTS



15-143 diam 8 mm  
15-144 diam 10 mm  
BOZEMANN-FRITSCH  
Uterine Flushing Tube  
350 mm

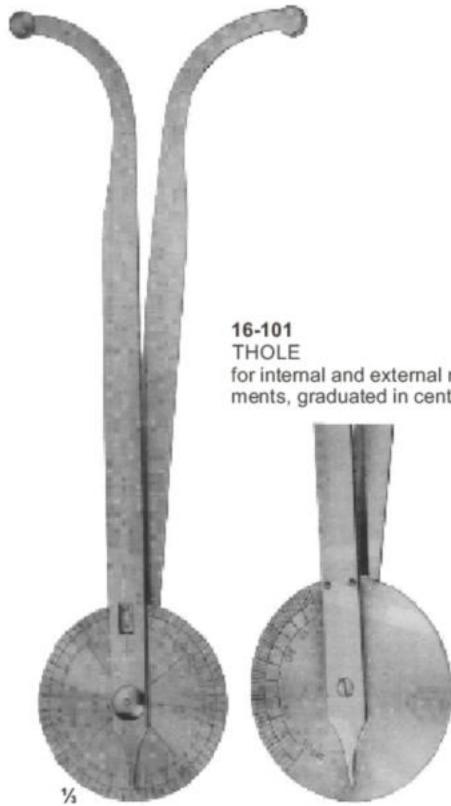


15-145  
SCHULZE  
Salpingograph, for utero-salpingography  
in wooden case, consisting of:  
Manometer, Connection, Uterine canulla  
with tap, Cone S.M.L.,  
Record Syringe 10 cc, Luer lock mount.



15-146  
SCHULZE  
Salpingograph, equipment  
without manometer.

SURGICAL INSTRUMENTS



**16-101 THOLE**  
for internal and external measurements, graduated in centimeters



**16-102 DE LEE**  
graduated in centimeters and inches



**16-103 COLLIN**  
graduated in centimeters



**16-104 MARTIN**  
graduated in centimeters



for internal measurements between symphysis and promontory



**16-105 COLLIN**  
graduated in centimeters

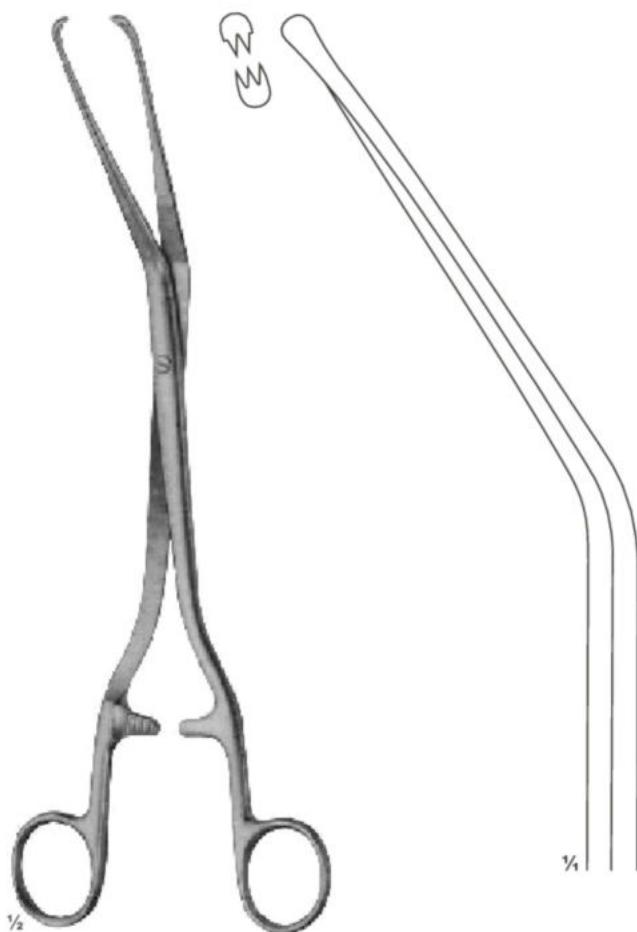
The additional straight arm can be replaced. The pelvimeter with straight arm is used for localisation of the portio vaginalis uteri and of vaginal metastasis.



**16-106 BREISKY**  
graduated in centimeters



SURGICAL INSTRUMENTS



16-107  
HERFF  
puncturing forceps  
225 mm



16-108  
IOWA  
puncturing forceps  
260 mm

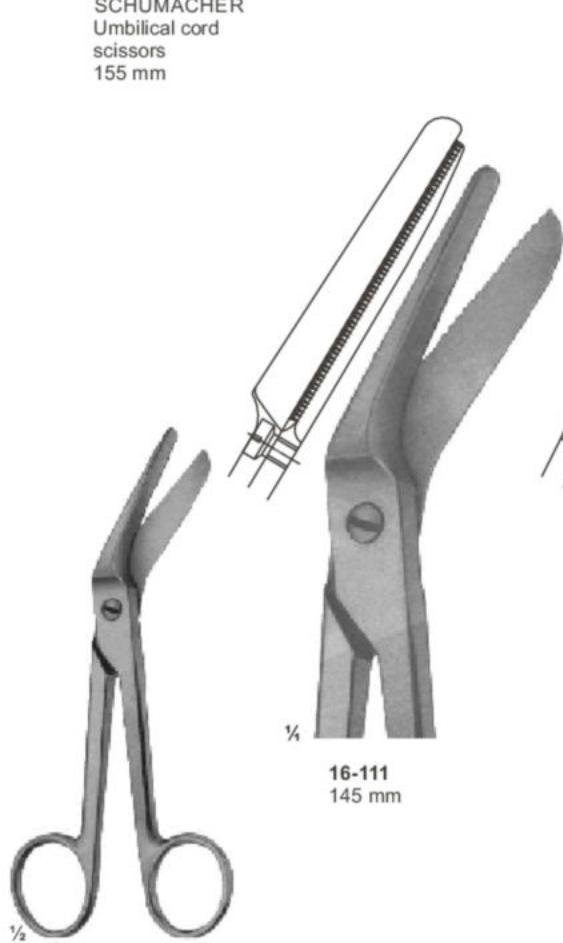
SURGICAL INSTRUMENTS



1/2  
**16-109**  
SCHUMACHER  
Umbilical cord  
scissors  
155 mm

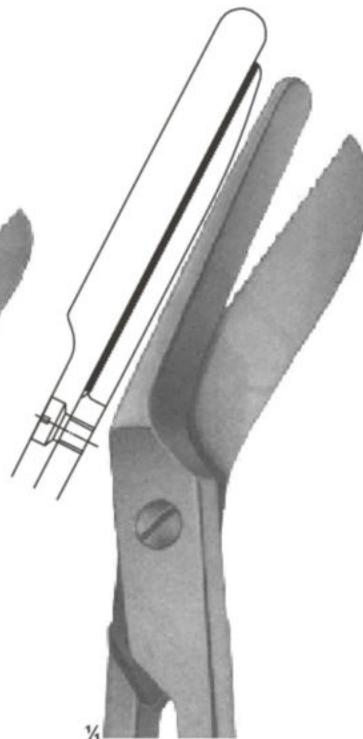


1/2  
**16-110**  
Umbilical cord  
scissors  
105 mm

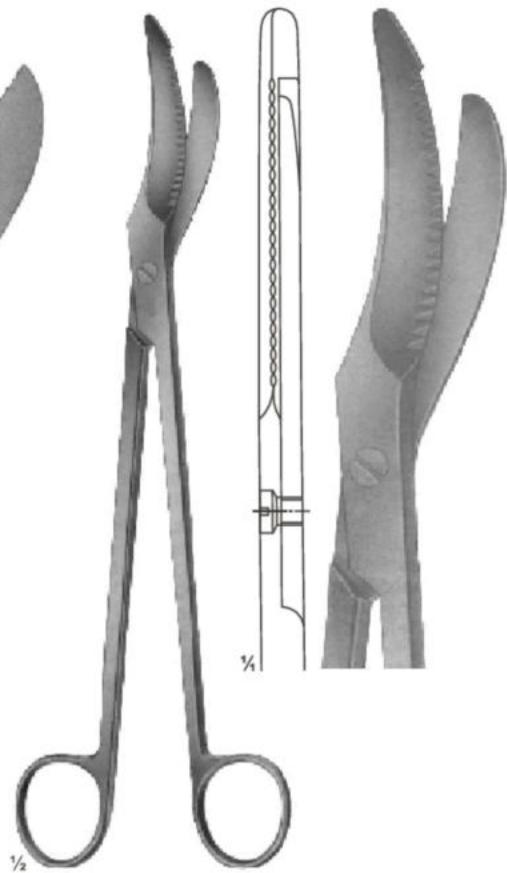


1/2  
**16-111 - 112**  
BRAUN-STADLER  
Episiotomy Scissors

1/4  
**16-111**  
145 mm



1/4  
**16-112**  
200 mm



1/2  
**16-113**  
Episiotomy Scissors  
240 mm



SURGICAL INSTRUMENTS



1/2

16-114  
355 mm



1/2

16-115  
400 mm



1/2

16-116  
SIMPSON-BRAUN  
305mm



SURGICAL INSTRUMENTS



**16-117**  
SIMPSON-BRAUN  
305mm



**16-118**  
SIMPSON  
235mm



**16-119**  
WRIGLEY  
250 mm

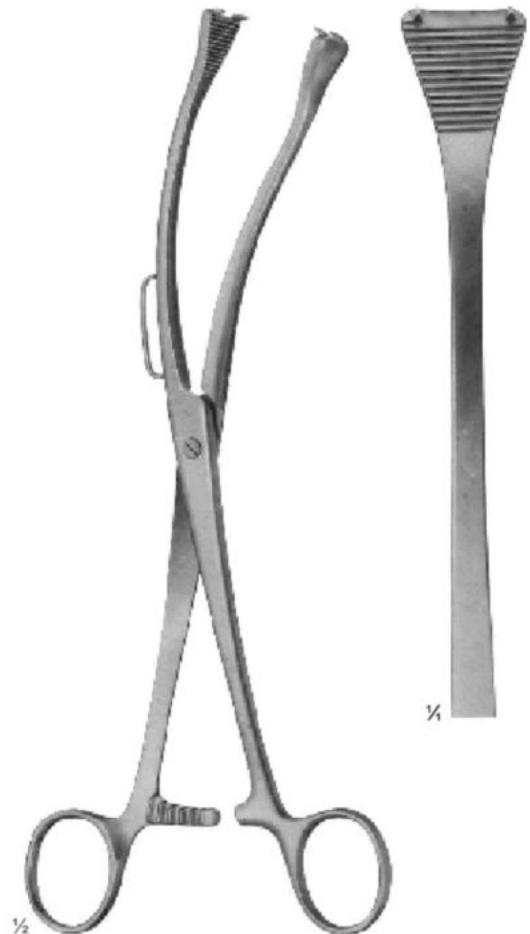
SURGICAL INSTRUMENTS



**16-120**  
**GREEN-ARMYTAGE**  
 Caesarean section haemostatic  
 forceps, for edges of the transverse  
 incision in the lower segment  
 220 mm



**16-121**  
**WILLETT**  
 Scalpel Flap forceps  
 185 mm



**16-122**  
**GAUSS**  
 Scalpel Flap forceps  
 260 mm

SURGICAL INSTRUMENTS

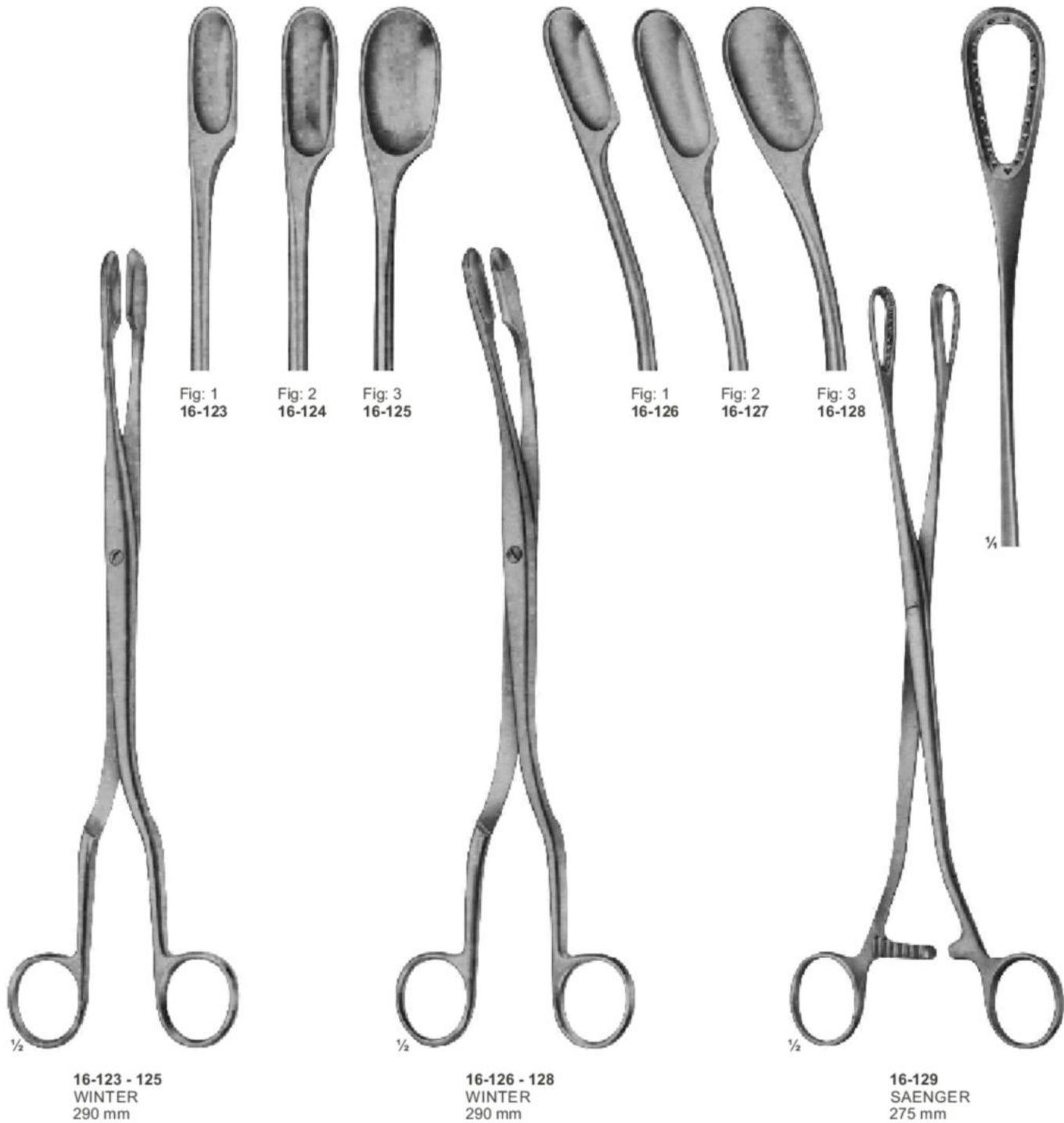


Fig: 1  
16-123

Fig: 2  
16-124

Fig: 3  
16-125

Fig: 1  
16-126

Fig: 2  
16-127

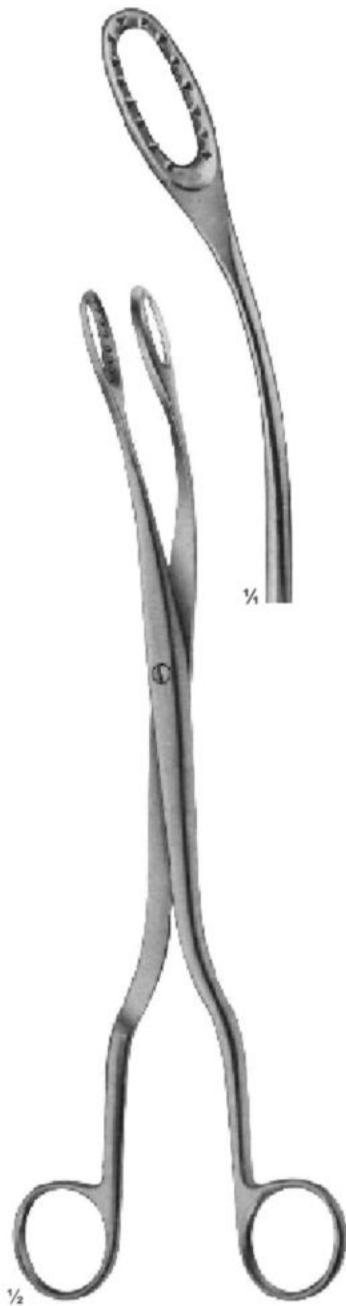
Fig: 3  
16-128

16-123 - 125  
WINTER  
290 mm

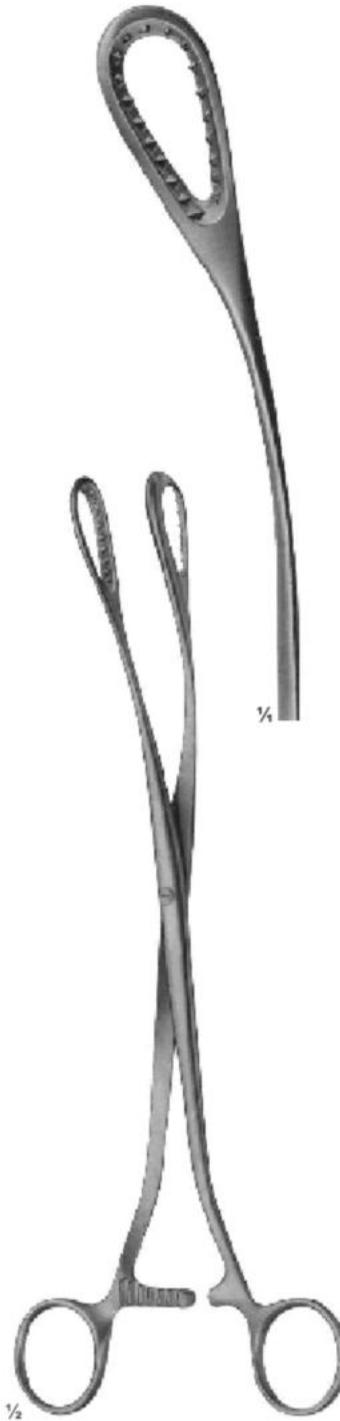
16-126 - 128  
WINTER  
290 mm

16-129  
SAENGER  
275 mm

SURGICAL INSTRUMENTS



16-130  
SAENGER  
285 mm



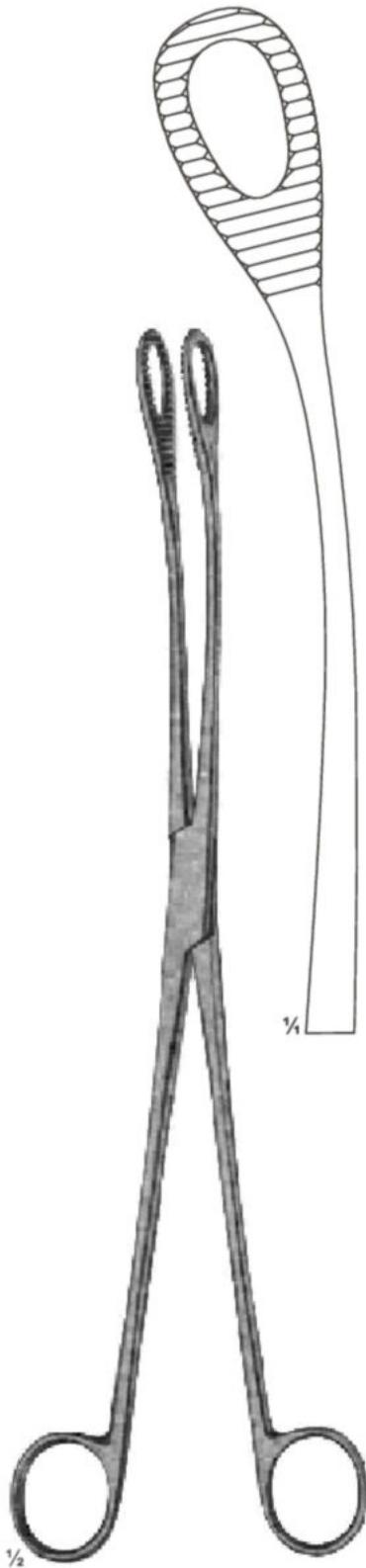
16-131  
SAENGER  
285 mm



16-132 - 133  
LEWKOWIZ  
245 mm



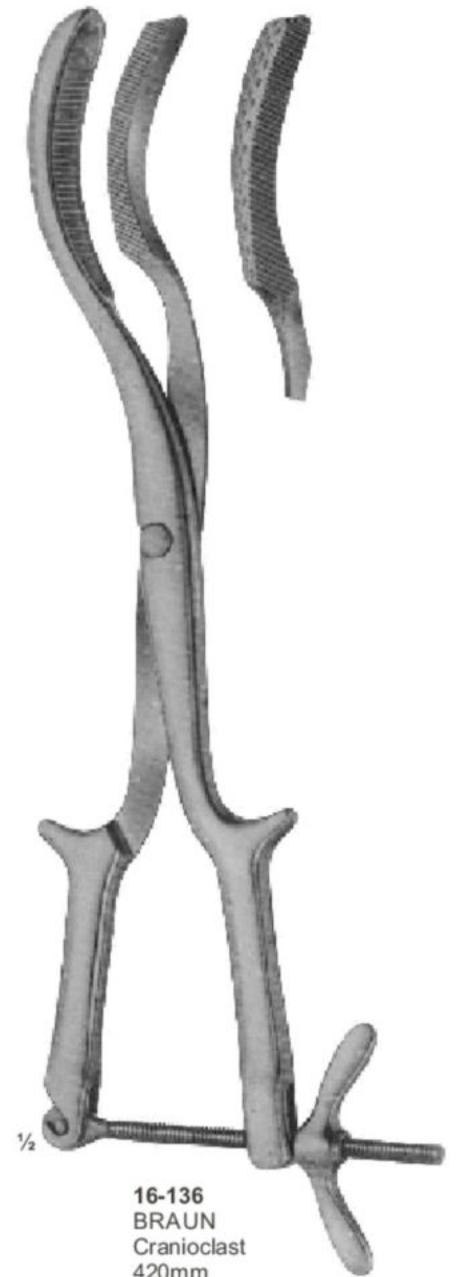
SURGICAL INSTRUMENTS



16-134  
KELLY  
320mm



16-135  
SMELLIE  
Perforator  
270mm



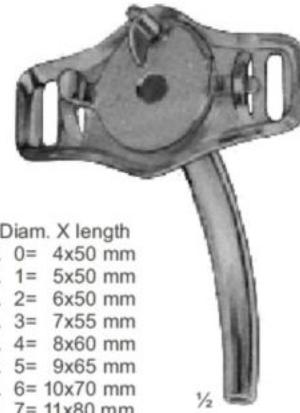
16-136  
BRAUN  
Cranioclast  
420mm

SURGICAL INSTRUMENTS



1/2

**16-137**  
UECKERMANN-DENKER  
Cryothyrotomy trocar  
with silver cannula  
130mm



1/2

**16-138 - 148**  
LUER  
German silver

- Diam. X length
- 16-138** Fig. 0= 4x50 mm
  - 16-139** Fig. 1= 5x50 mm
  - 16-140** Fig. 2= 6x50 mm
  - 16-141** Fig. 3= 7x55 mm
  - 16-142** Fig. 4= 8x60 mm
  - 16-143** Fig. 5= 9x65 mm
  - 16-144** Fig. 6= 10x70 mm
  - 16-145** Fig. 7= 11x80 mm
  - 16-146** Fig. 8= 12x85 mm
  - 16-147** Fig. 9= 13x90 mm
  - 16-148** Fig. 10= 14x90 mm



1/2

**16-149 - 158**  
JACKSON  
German Silver

- Diam. X length
- 16-149** Fig. 0= 4x50 mm
  - 16-150** Fig. 1= 5x58 mm
  - 16-151** Fig. 2= 6x58 mm
  - 16-152** Fig. 3= 7x70 mm
  - 16-153** Fig. 4= 8x78 mm
  - 16-154** Fig. 5= 9x84 mm
  - 16-155** Fig. 6= 10x84 mm
  - 16-156** Fig. 7= 11x86 mm
  - 16-157** Fig. 8= 12x88 mm
  - 16-158** Fig. 9= 13x90 mm



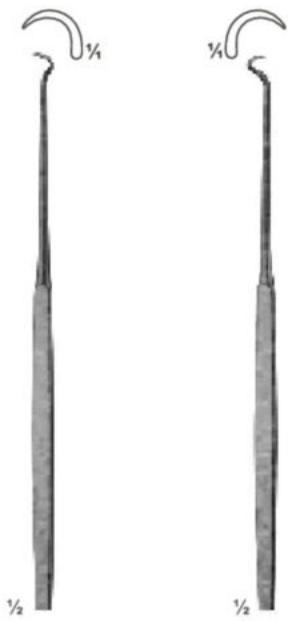
1/2

**16-159 - 168**  
JACKSON  
German Silver

- Diam. X length
- 16-159** Fig. 1= 5x48 mm
  - 16-160** Fig. 2= 6x58 mm
  - 16-161** Fig. 3= 7x70 mm
  - 16-162** Fig. 4= 8x78 mm
  - 16-163** Fig. 5= 9x84 mm
  - 16-164** Fig. 6= 10x84 mm
  - 16-165** Fig. 7= 11x86 mm
  - 16-166** Fig. 8= 12x88 mm
  - 16-167** Fig. 9= 13x90 mm
  - 16-168** Fig. 10= 14x90 mm



SURGICAL INSTRUMENTS



**16-169**  
BOSE  
165 mm

**16-170**  
BOSE  
165 mm



**16-171 - 173**  
180 mm



**16-172**  
blunt



**16-173**  
stumpf/blunt



**16-174**  
FINSEN  
50 mm



**16-175**  
FINSEN  
70 mm



**16-176**  
TROUSSEAU  
120 mm



**16-177**  
LABORDE  
125 mm

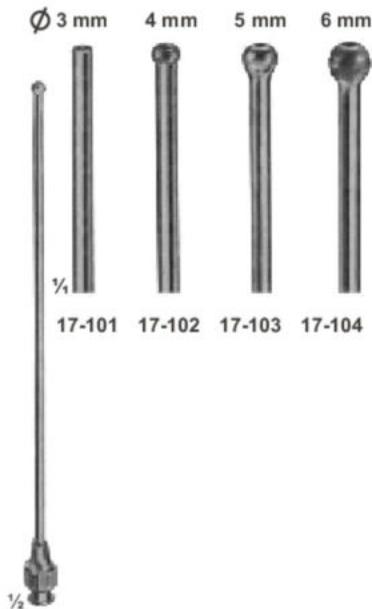


**16-178**  
LABORDE  
strong pattern  
135 mm



**16-179**  
Cleaning Brush  
for tracheal tubes  
285 mm

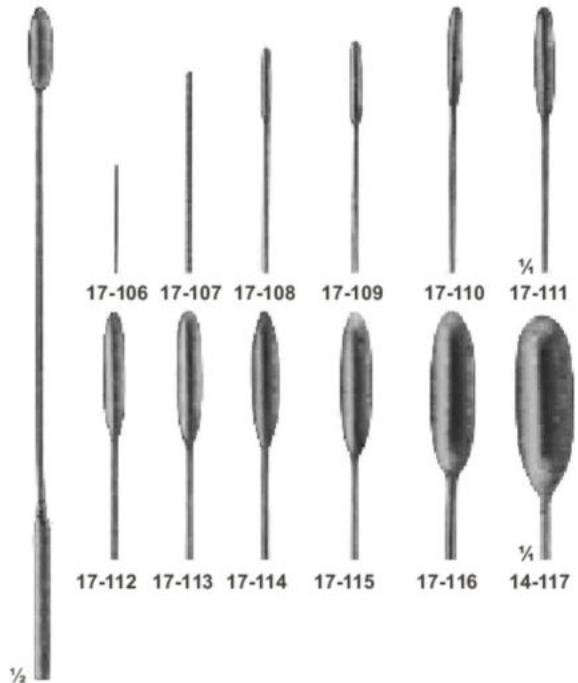
SURGICAL INSTRUMENTS



**17-101 - 104**  
SCHMID  
Vessel irrigating cannulae,  
malleable, silver plated  
150 mm



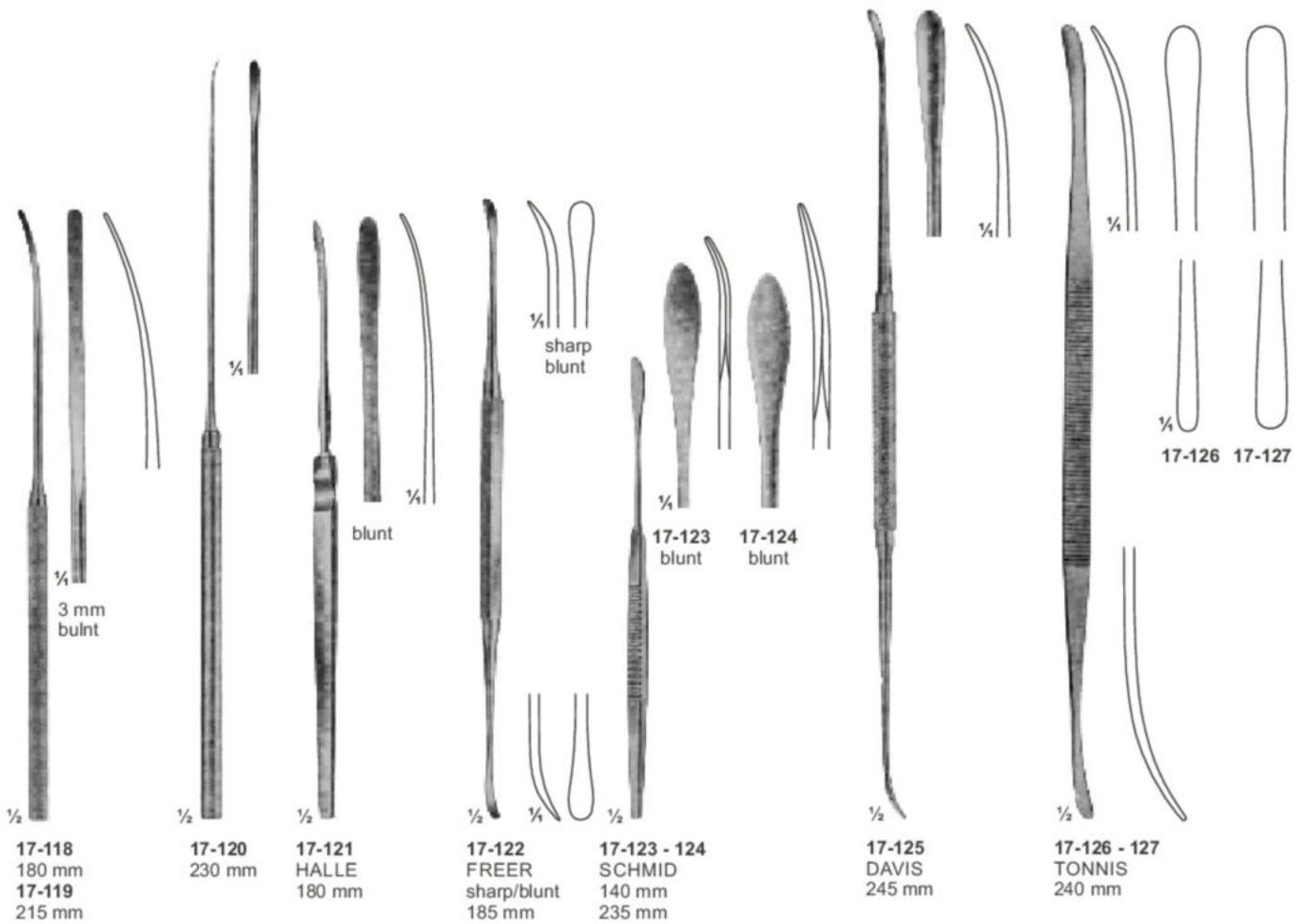
**17-105**  
BLAKE  
Embolus grasping  
forceps  
205 mm



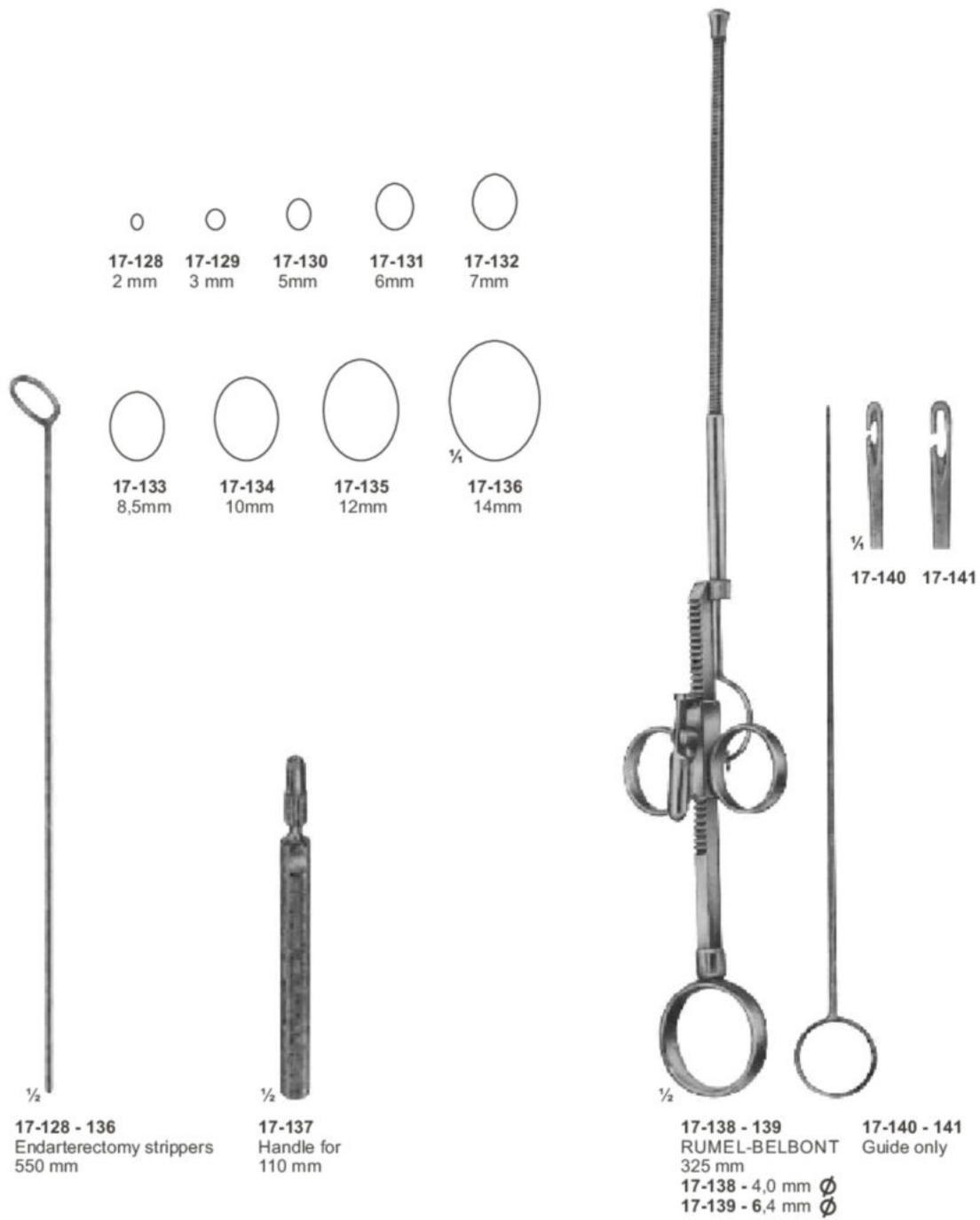
**17-106 - 117**  
DE BAKEY  
Vascular dilators,  
malleable  
190 mm

<b>17-106</b> 0,5 mm Ø	<b>17-112</b> 3,5 mm Ø
<b>17-107</b> 1,0 mm Ø	<b>17-113</b> 4,0 mm Ø
<b>17-108</b> 1,5 mm Ø	<b>17-114</b> 4,5 mm Ø
<b>17-109</b> 2,0 mm Ø	<b>17-115</b> 5,0 mm Ø
<b>17-110</b> 2,5 mm Ø	<b>17-116</b> 7,0 mm Ø
<b>17-111</b> 3,0 mm Ø	<b>17-117</b> 9,0 mm Ø

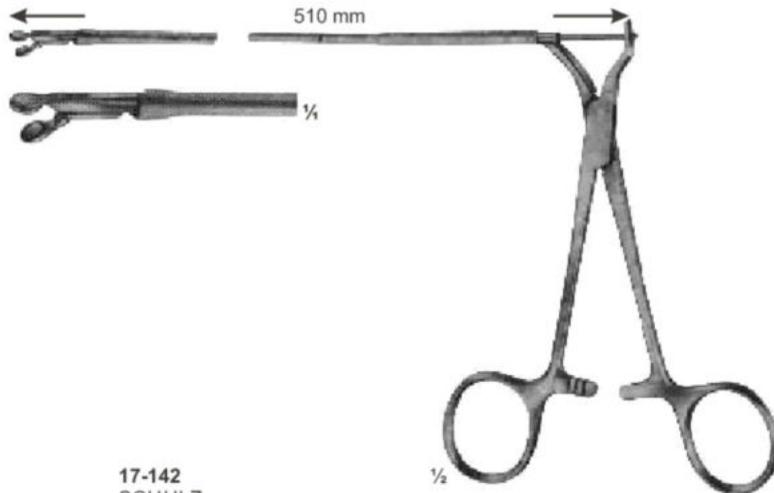
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS

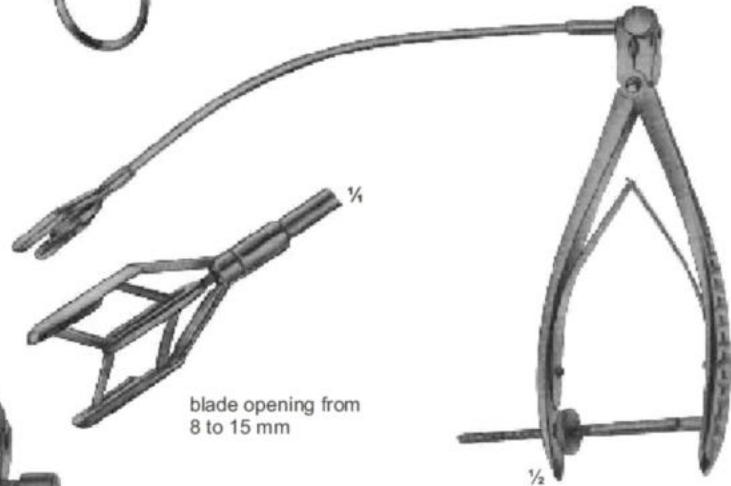


SURGICAL INSTRUMENTS

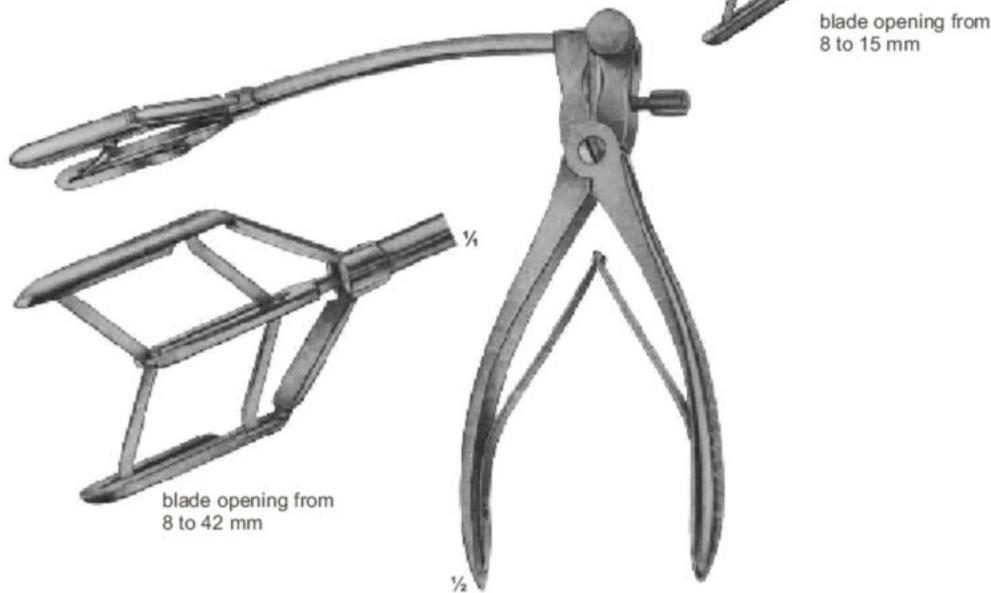


**17-142  
SCHULZ**  
Biopptome, mit flexiblem Schaft, 510 mm lang,  
with round jaws 3 mm diam.

Biopsy forceps, for biopsy from the right atrium  
through cava juglaris, prior to heart implantations.



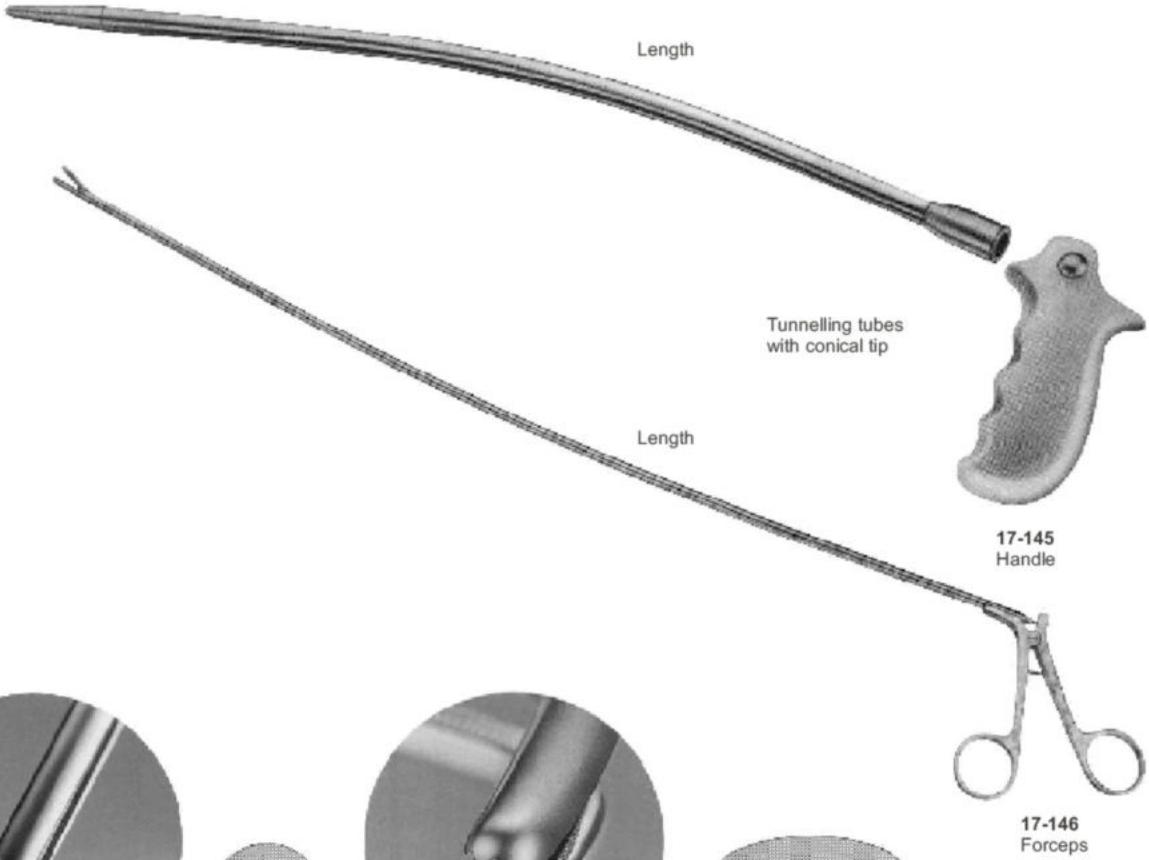
**17-144  
COOLEY**  
Dilator for  
mitral valve  
for children



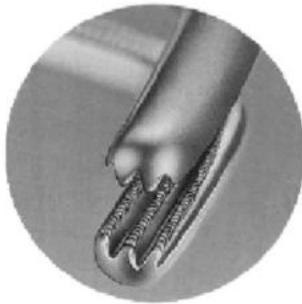
**17-143  
TUBBS**  
Dilator for  
mitral valve



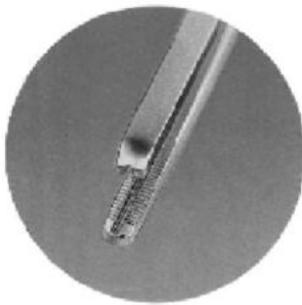
SURGICAL INSTRUMENTS



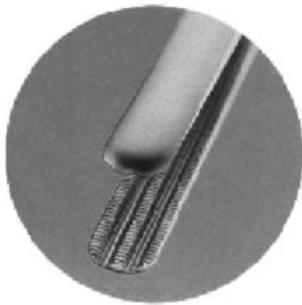
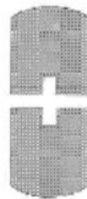
**DE BAKEY**  
17-147  
1 : 2 rows of teeth



**DE BAKEY**  
17-148  
2 : 3 rows of teeth



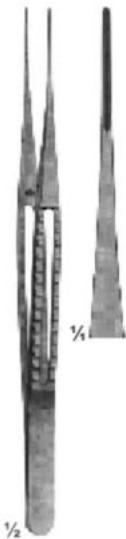
**COOLEY**  
17-149  
2 : 2 rows of teeth



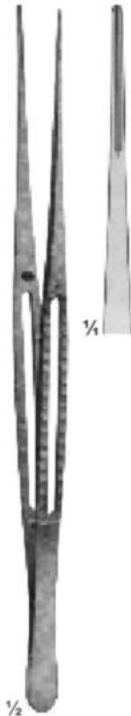
**DARDIK**  
17-150  
2 : 3 rows of teeth



SURGICAL INSTRUMENTS



**17-151**  
Width of jaws  
1,5 mm  
Length  
150mm



**17-152**  
1,5 mm  
200 mm

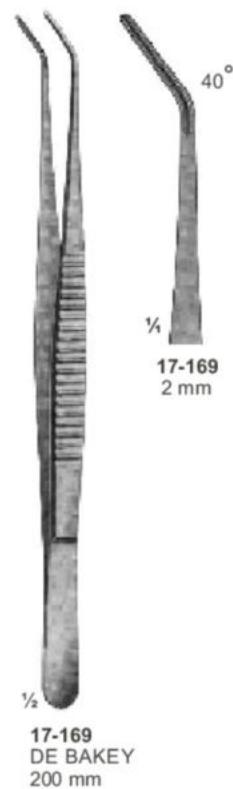
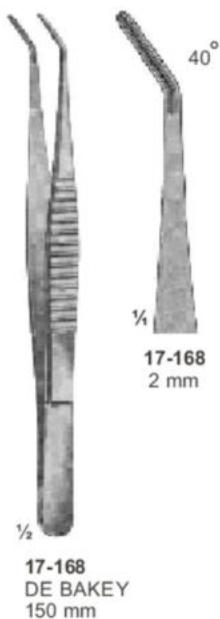
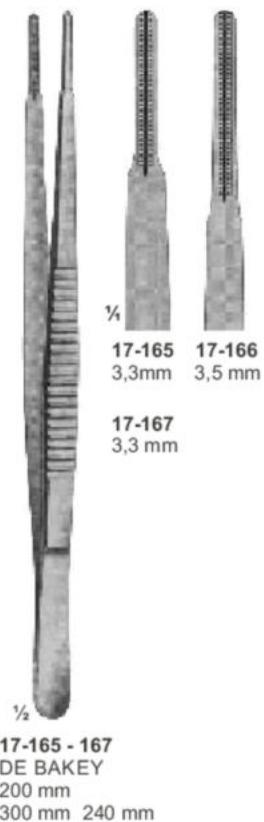
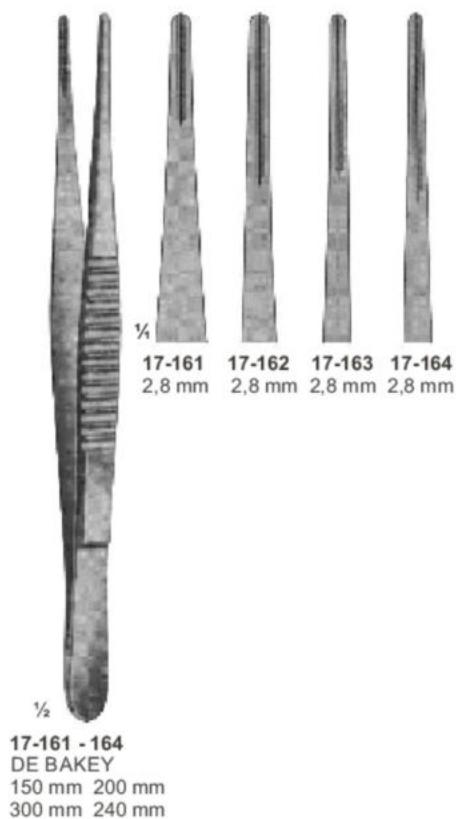
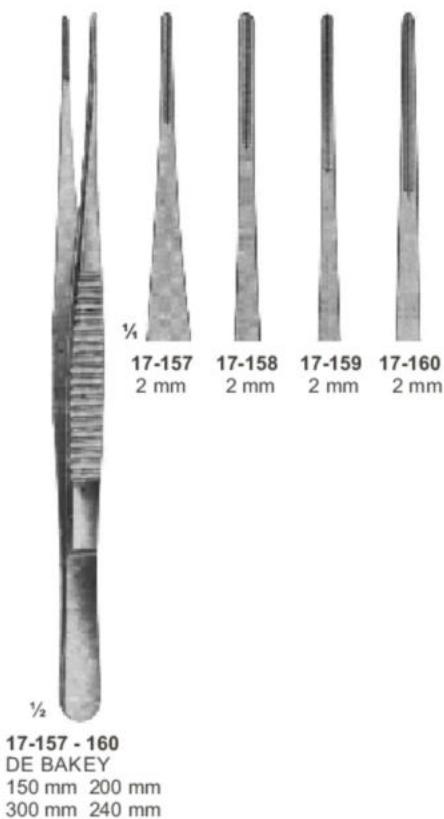
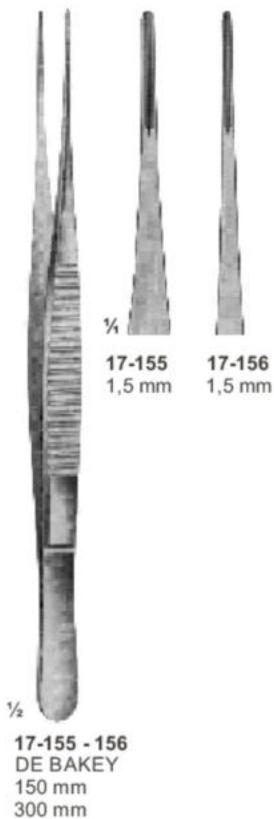


**17-153**  
1,5 mm  
240 mm

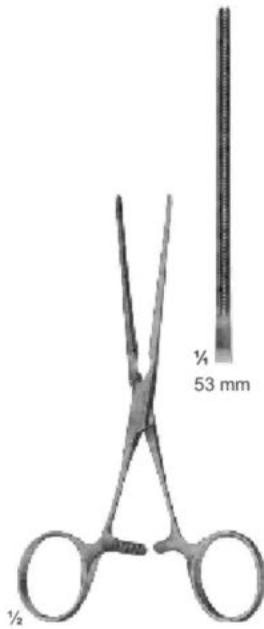


**17-154**  
1,5 mm  
300 mm

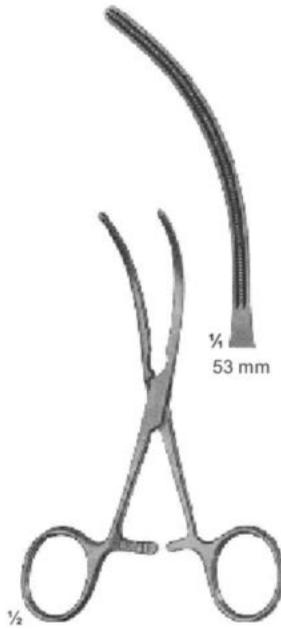
SURGICAL INSTRUMENTS



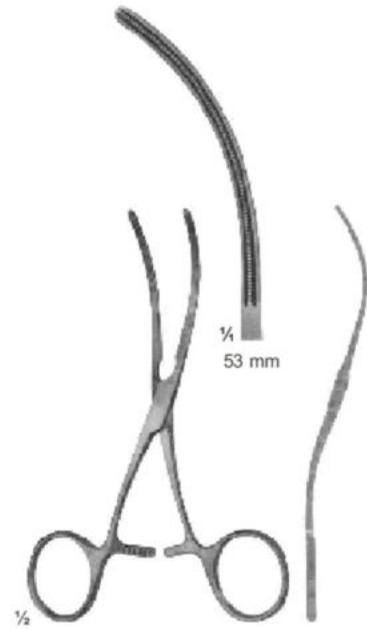
SURGICAL INSTRUMENTS



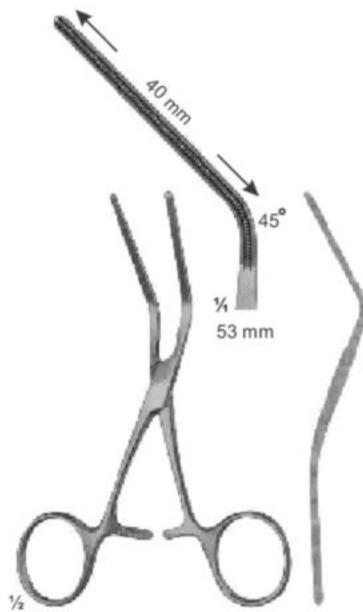
17-170  
DE-BAKEY  
gerade straight  
130 mm



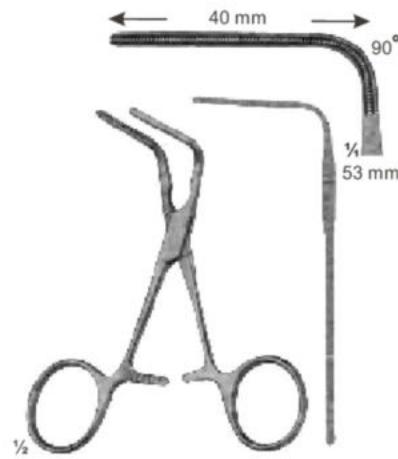
17-171  
DE-BAKEY  
Maul gebogen  
curved jaws  
125 mm



17-172  
DE-BAKEY  
S-shaped curved  
125 mm

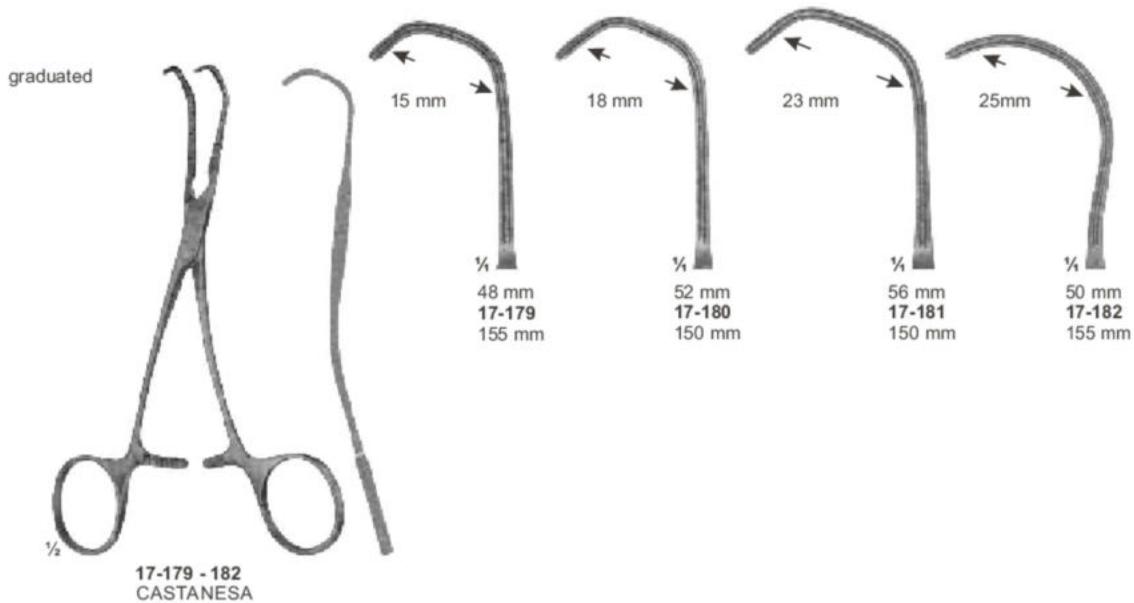
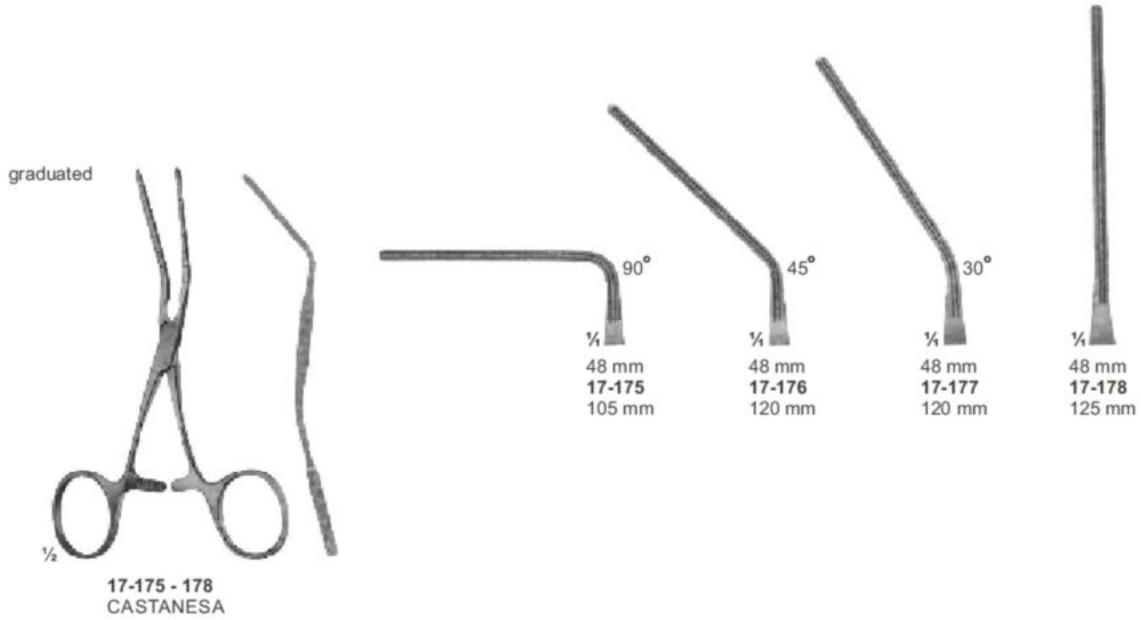


17-173  
DE-BAKEY  
45° winklig gebogen  
angled 45°  
125 mm

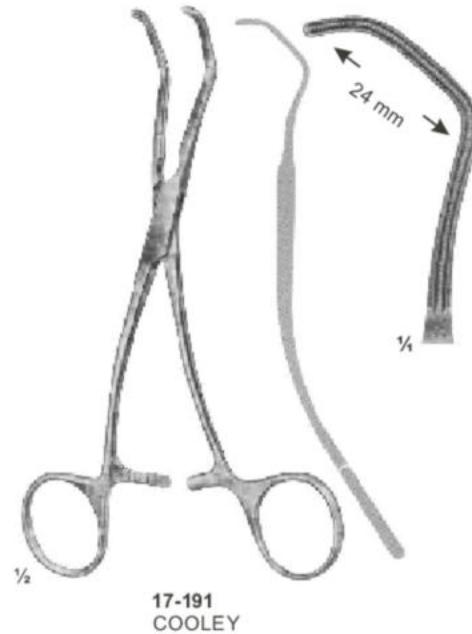
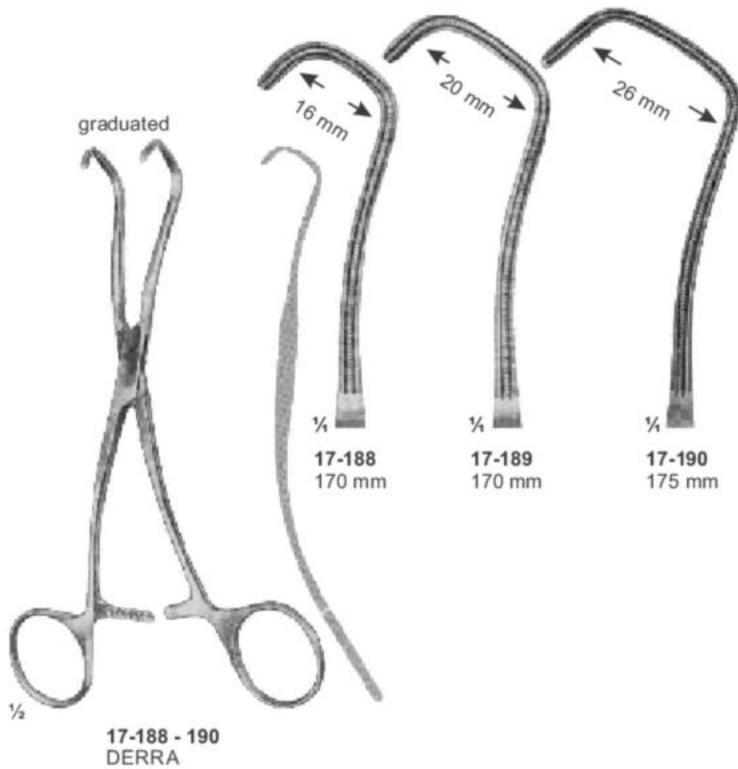
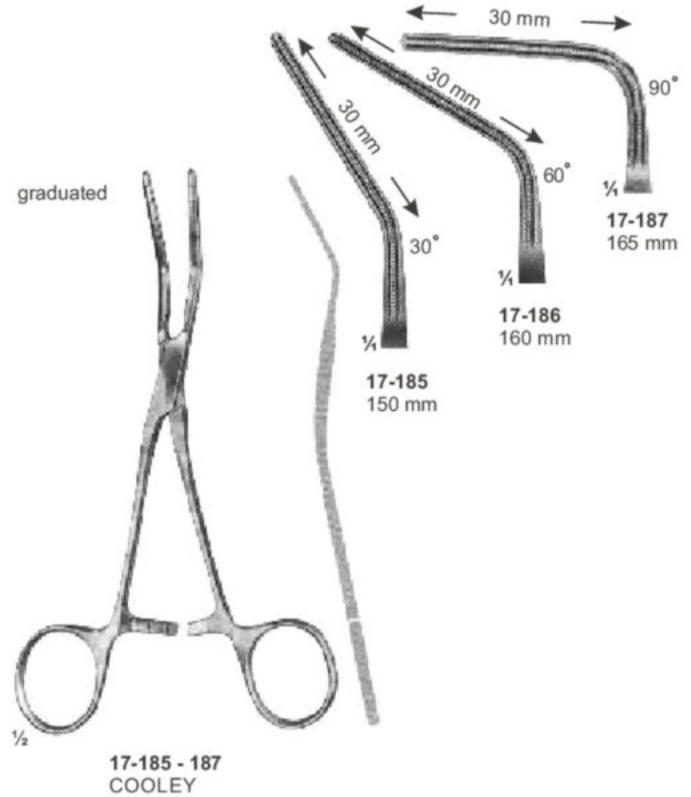
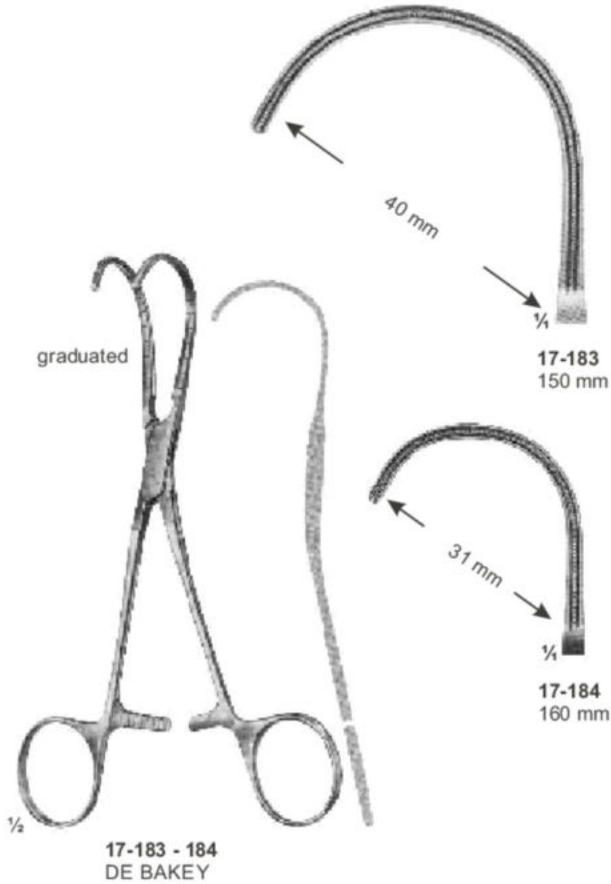


17-174  
DE-BAKEY  
90° winklig gebogen  
angled 90°  
105 mm

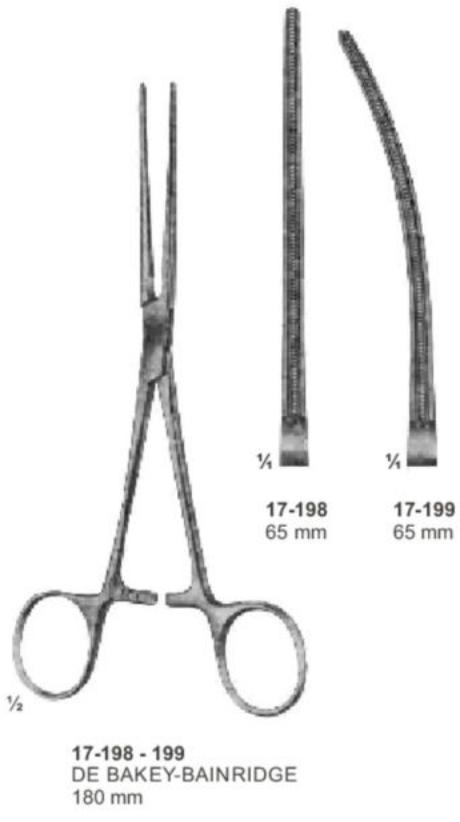
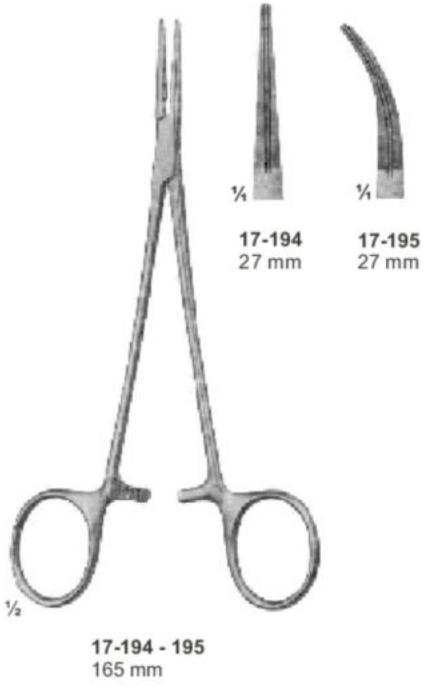
**SURGICAL INSTRUMENTS**



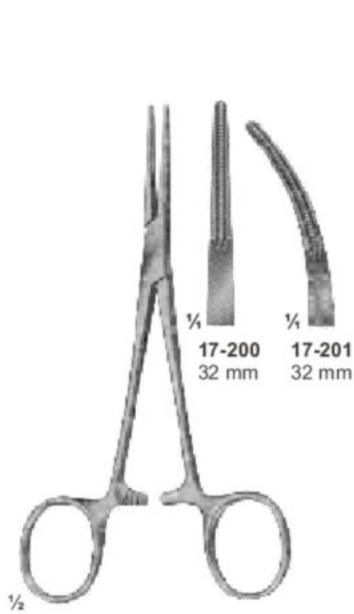
SURGICAL INSTRUMENTS



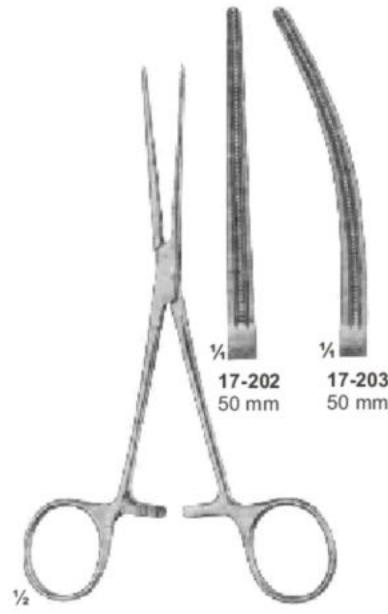
SURGICAL INSTRUMENTS



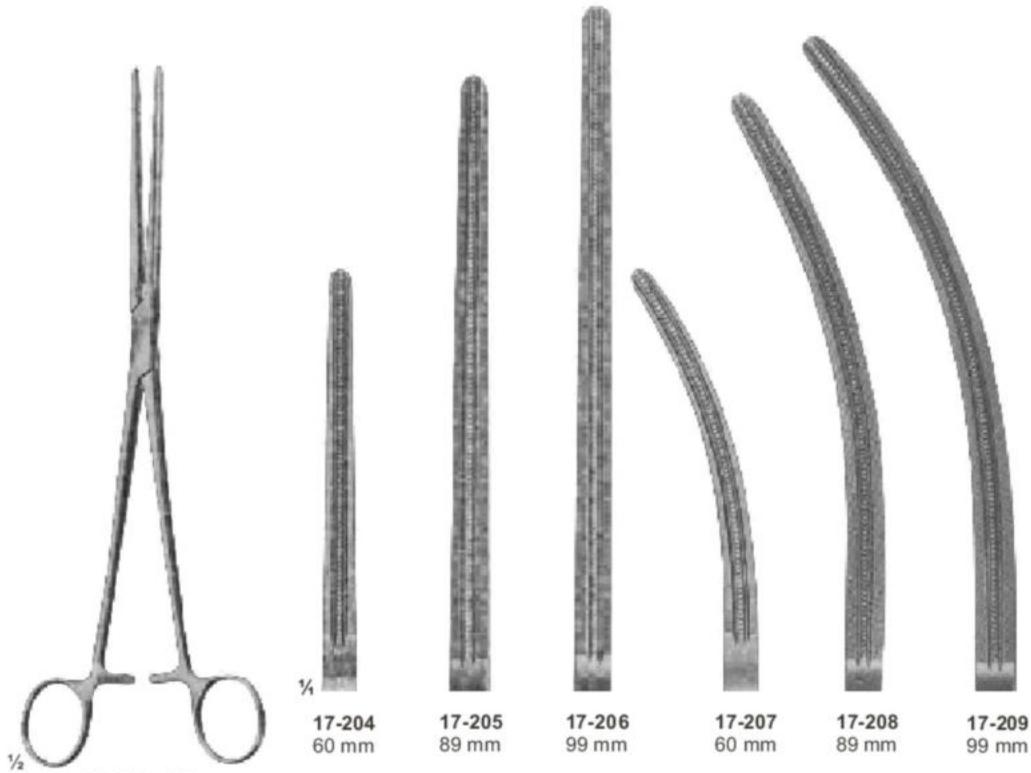
SURGICAL INSTRUMENTS



17-200 - 201  
DE-BAKEY-KELLY  
140 mm

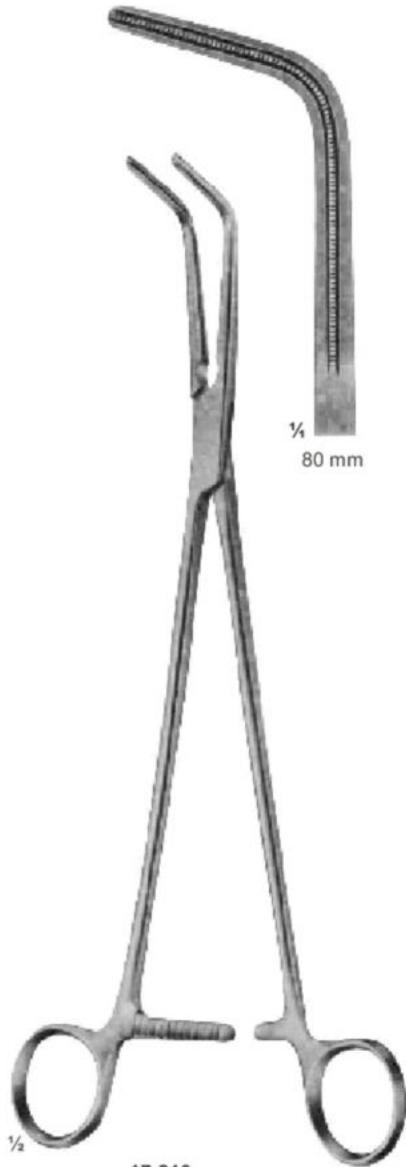


17-202 - 203  
PEAN  
155 mm

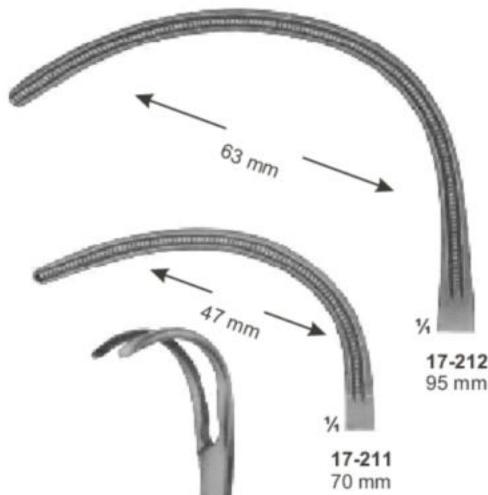


17-204 - 209  
DE-BAKEY-PEAN DE-BAKEY-PEAN  
17-204 200 mm 17-207 200 mm  
17-205 265 mm 17-208 260 mm  
17-206 280 mm 17-209 275 mm

SURGICAL INSTRUMENTS



17-210  
DE-BAKEY-MIXTER  
285 mm



17-211  
70 mm

17-212  
95 mm

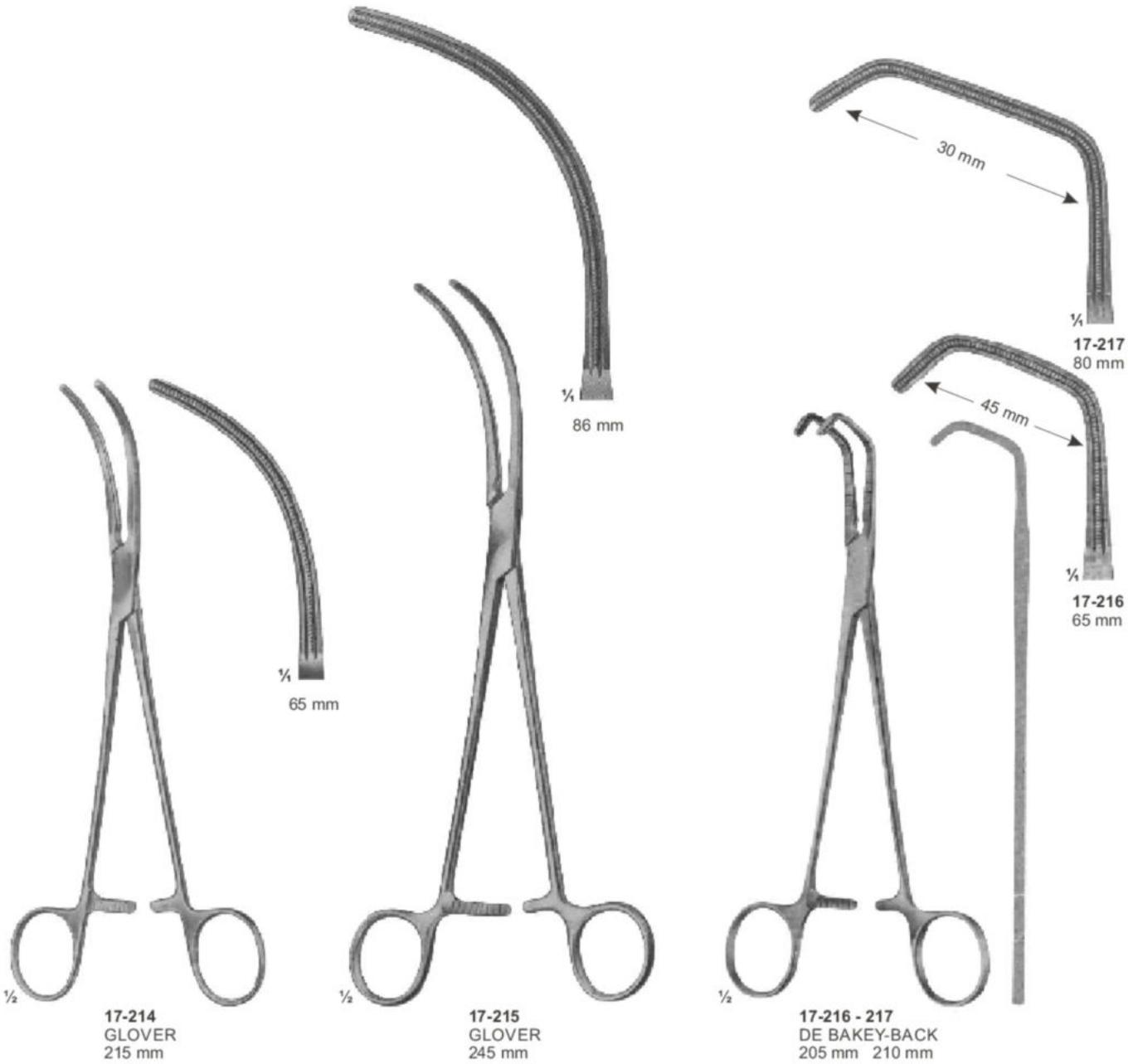
17-211 - 212  
GLOVER  
245 mm



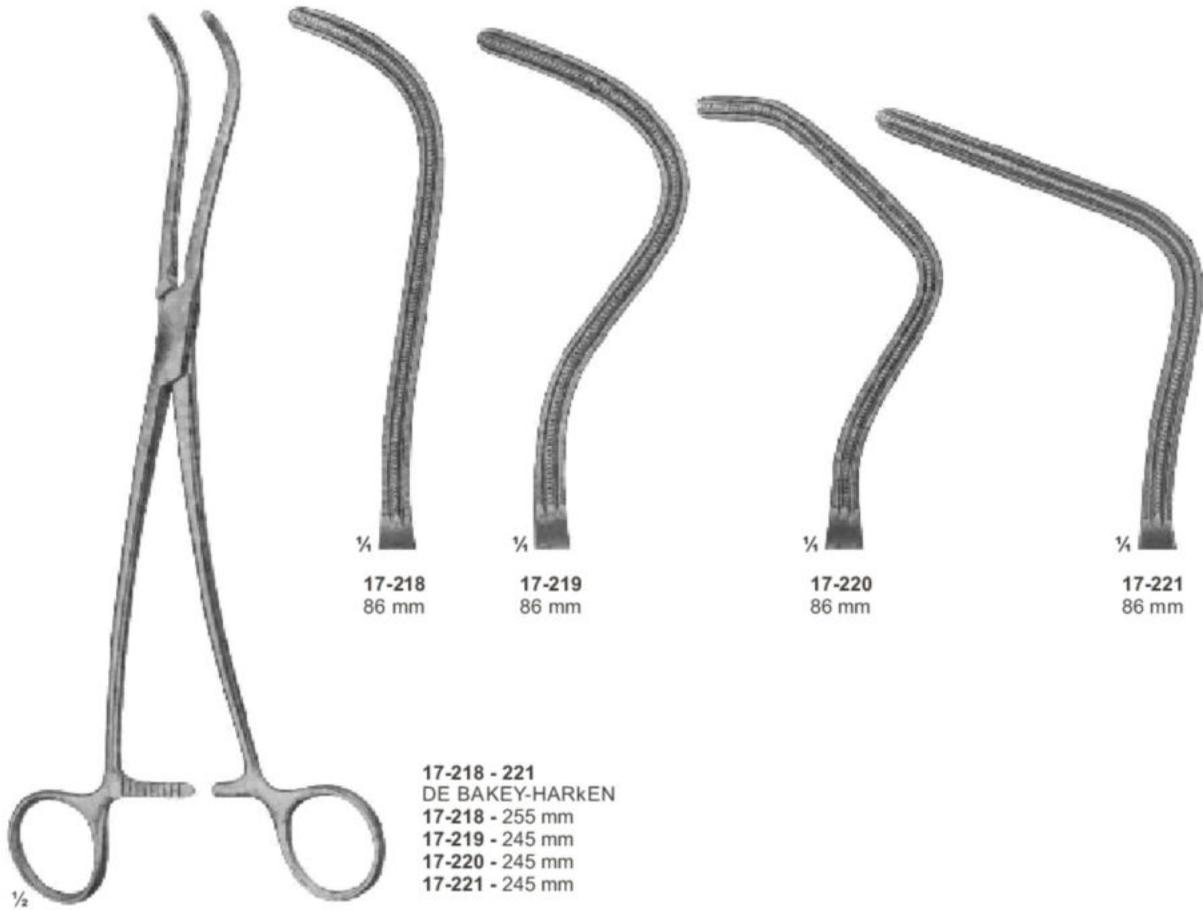
17-213  
60 mm

17-213  
GLOVER  
220 mm

SURGICAL INSTRUMENTS

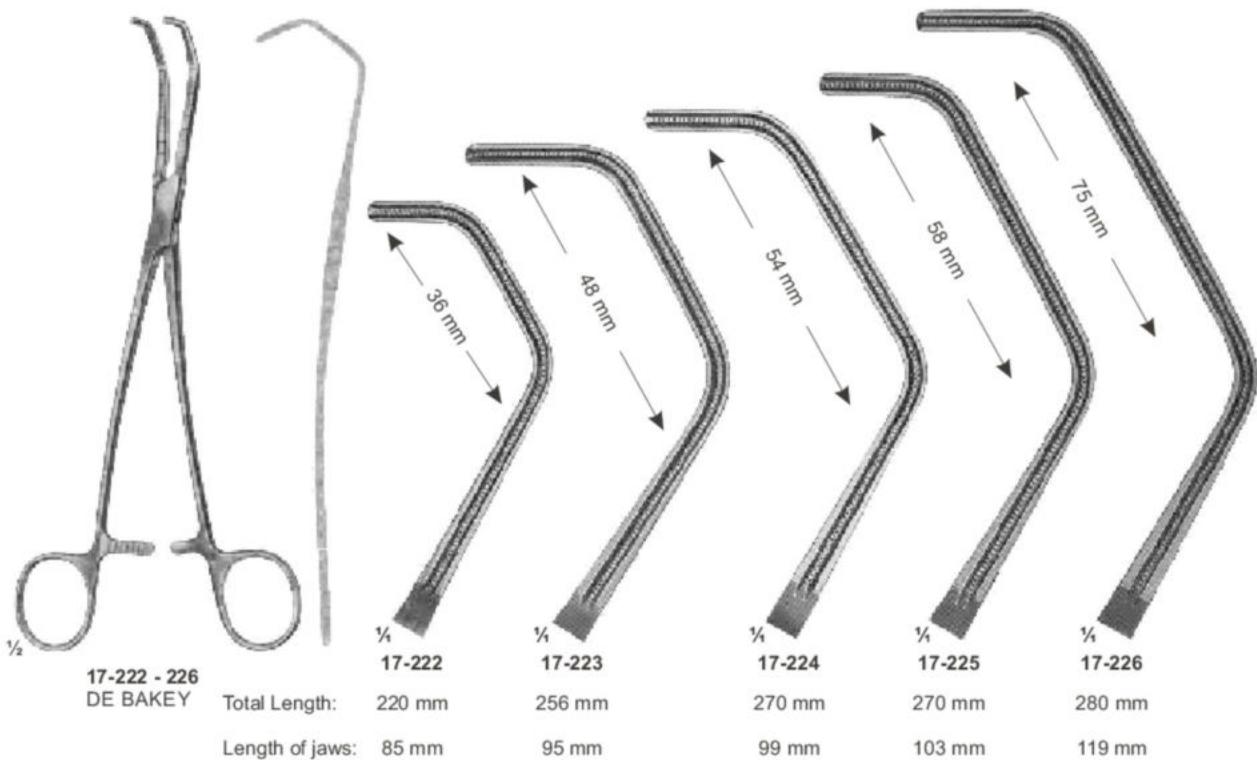


SURGICAL INSTRUMENTS



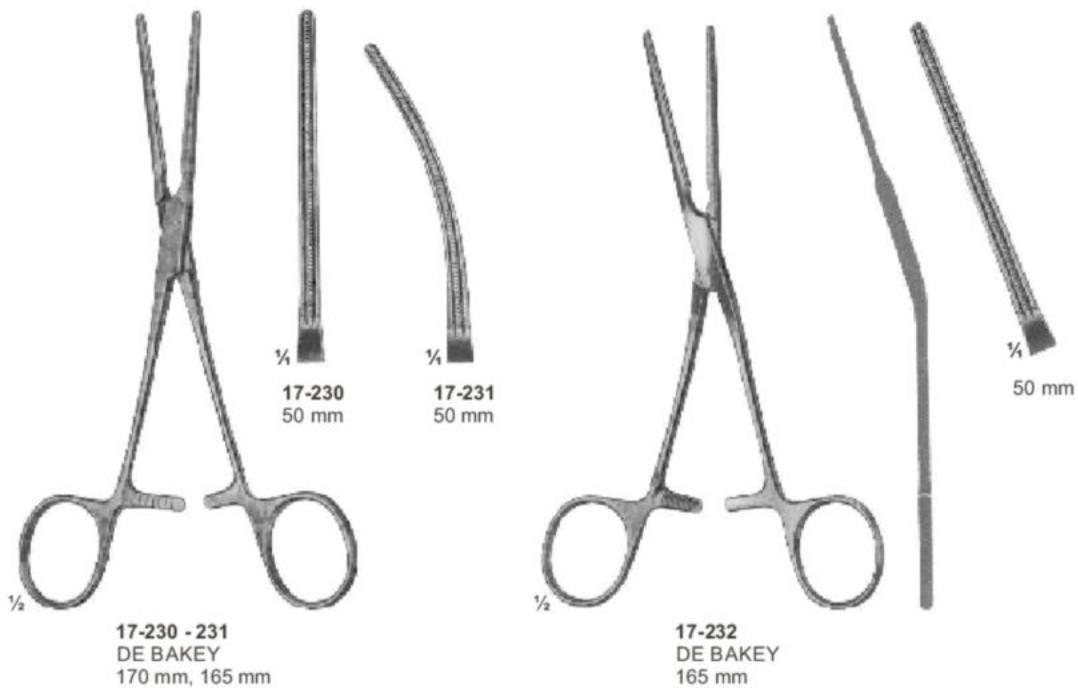
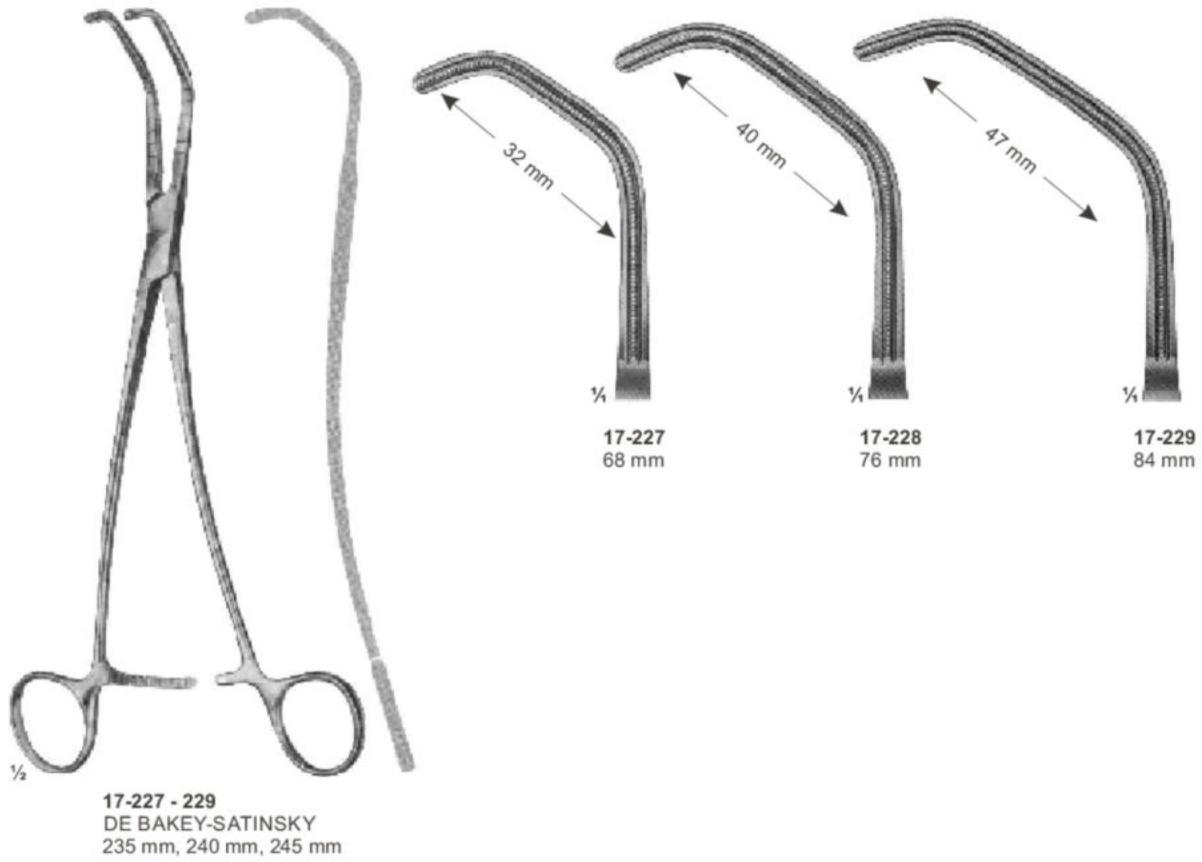
$\frac{1}{4}$  17-218 86 mm  
 $\frac{1}{4}$  17-219 86 mm  
 $\frac{1}{4}$  17-220 86 mm  
 $\frac{1}{4}$  17-221 86 mm

17-218 - 221  
 DE BAKEY-HARKEN  
 17-218 - 255 mm  
 17-219 - 245 mm  
 17-220 - 245 mm  
 17-221 - 245 mm

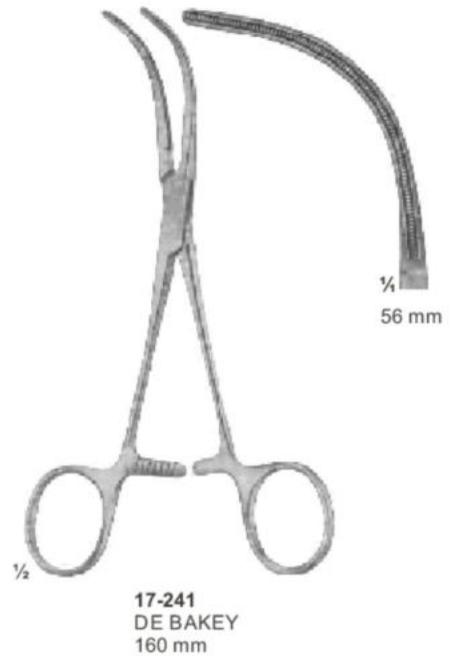
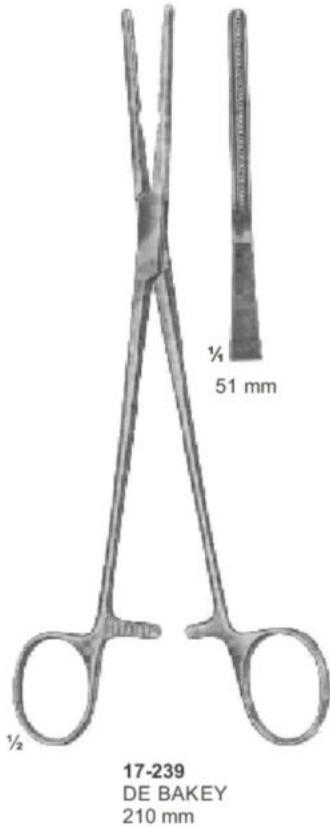
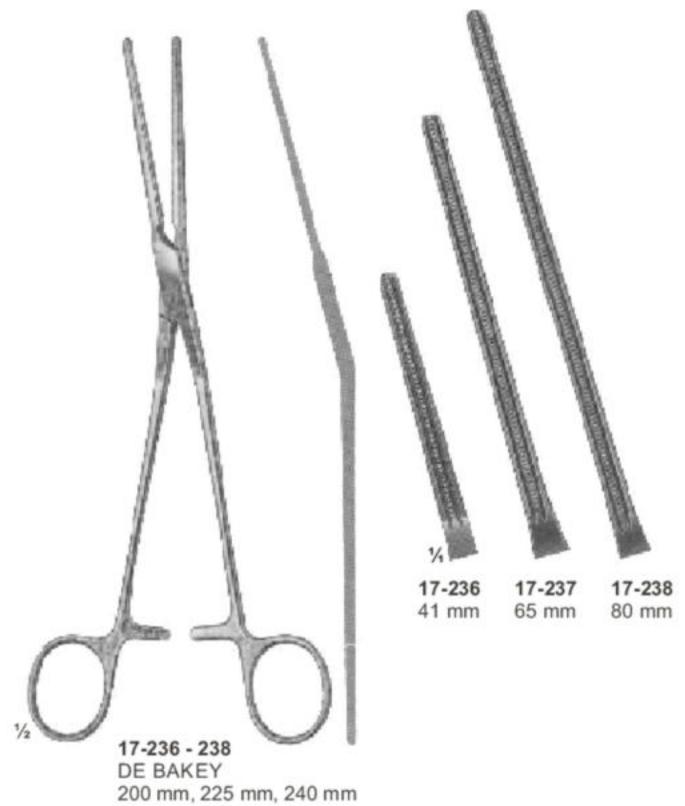
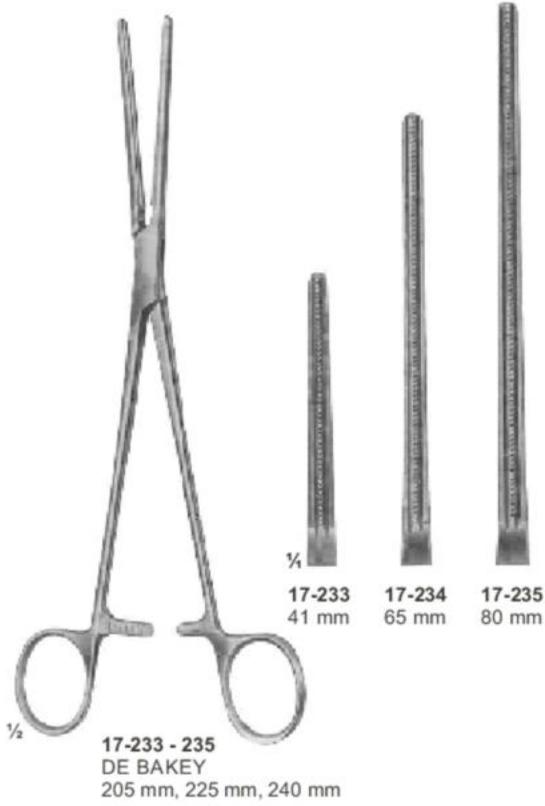


$\frac{1}{2}$  17-222 - 226 DE BAKEY Total Length: 220 mm Length of jaws: 85 mm  
 $\frac{1}{4}$  17-222 256 mm 95 mm  
 $\frac{1}{4}$  17-223 270 mm 99 mm  
 $\frac{1}{4}$  17-224 270 mm 103 mm  
 $\frac{1}{4}$  17-225 280 mm 119 mm  
 $\frac{1}{4}$  17-226

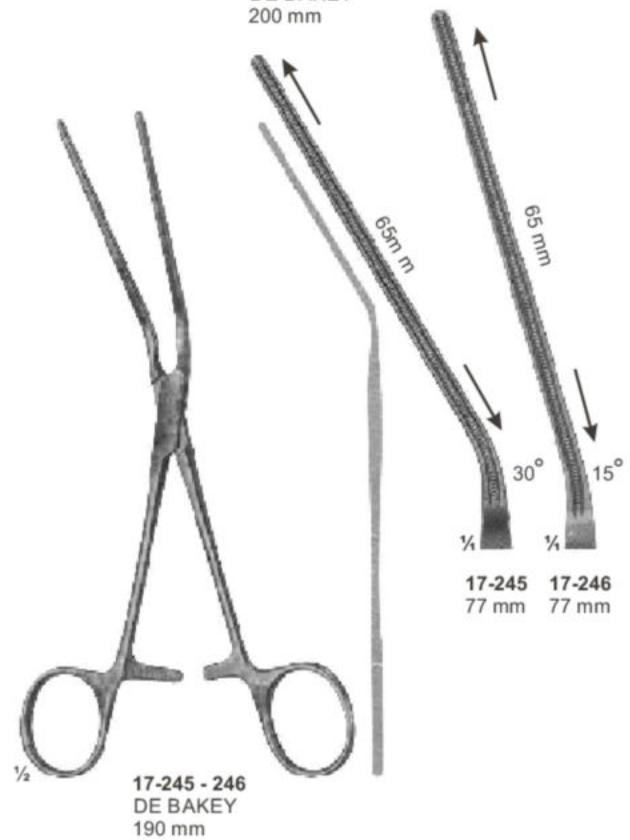
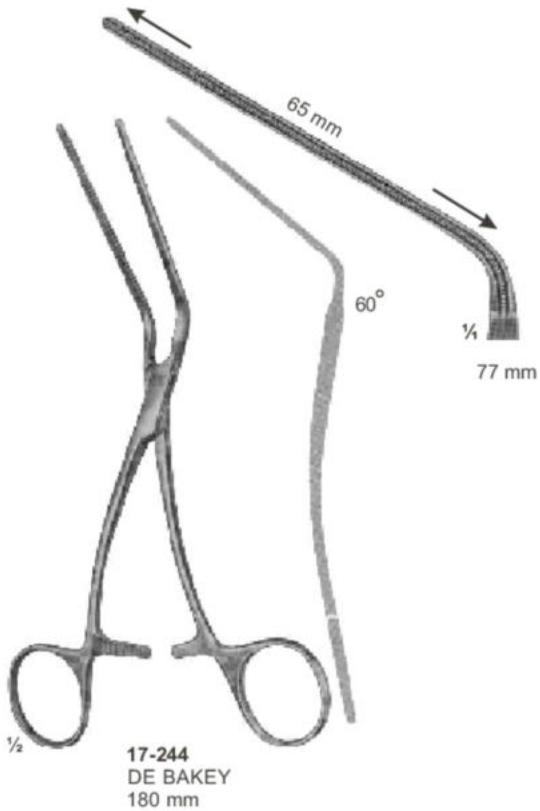
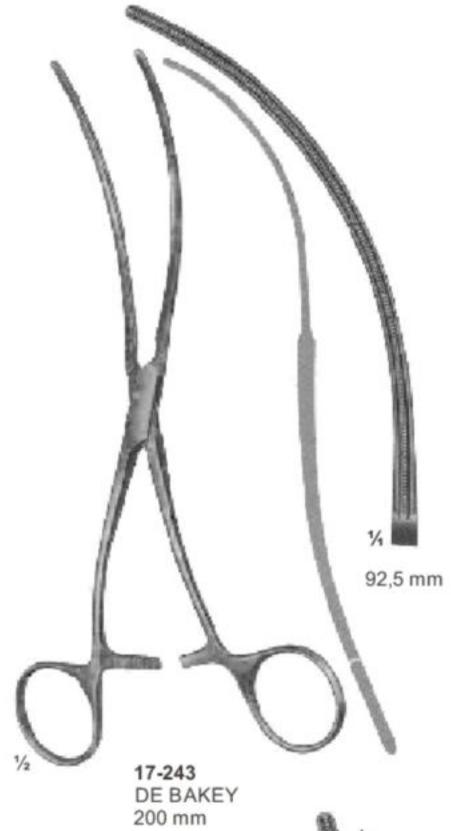
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS

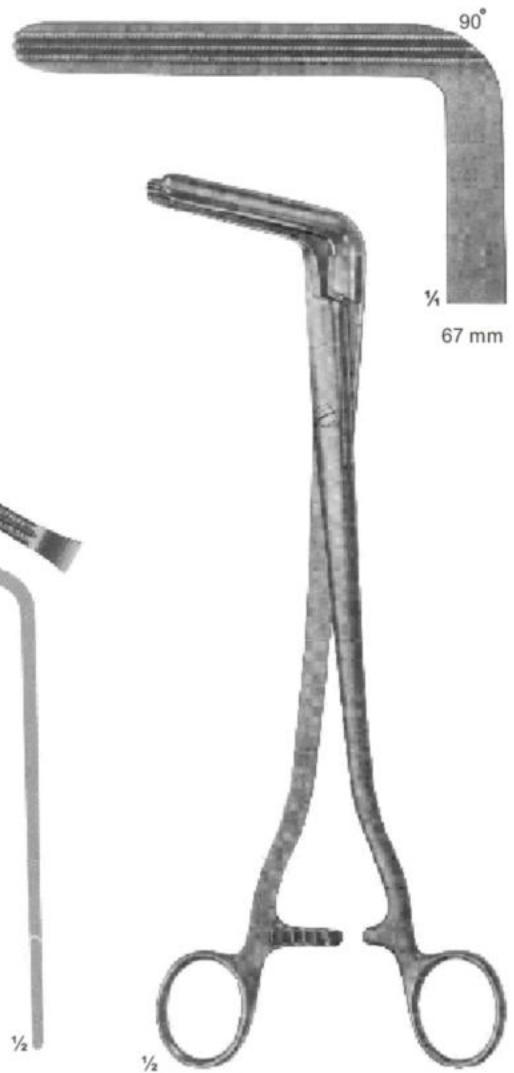


17-247  
LELAND-JONES  
195 mm



17-248  
DE BAKHEY  
200 mm

Iliac clamp



17-249  
WERTHEIM  
250 mm

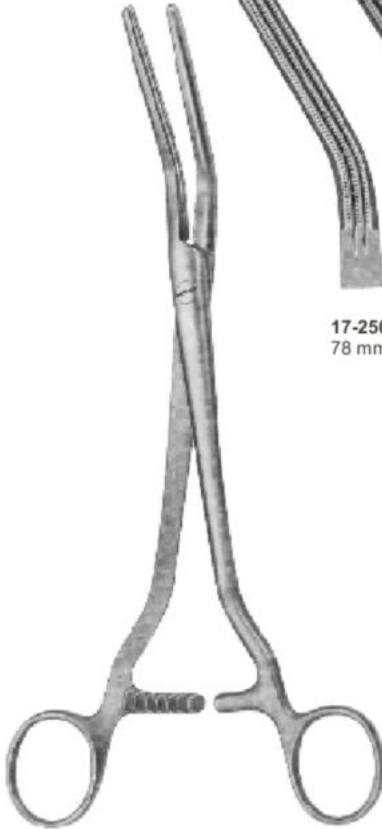
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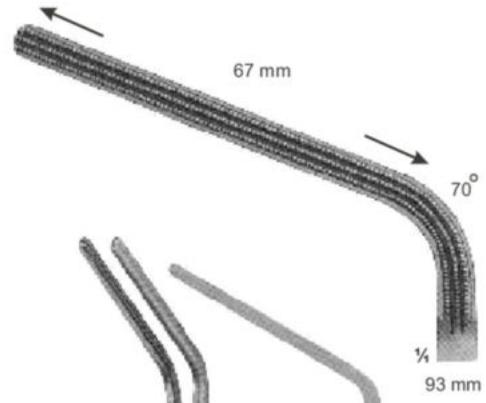
17-250  
78 mm

17-251  
88 mm

17-252  
98 mm

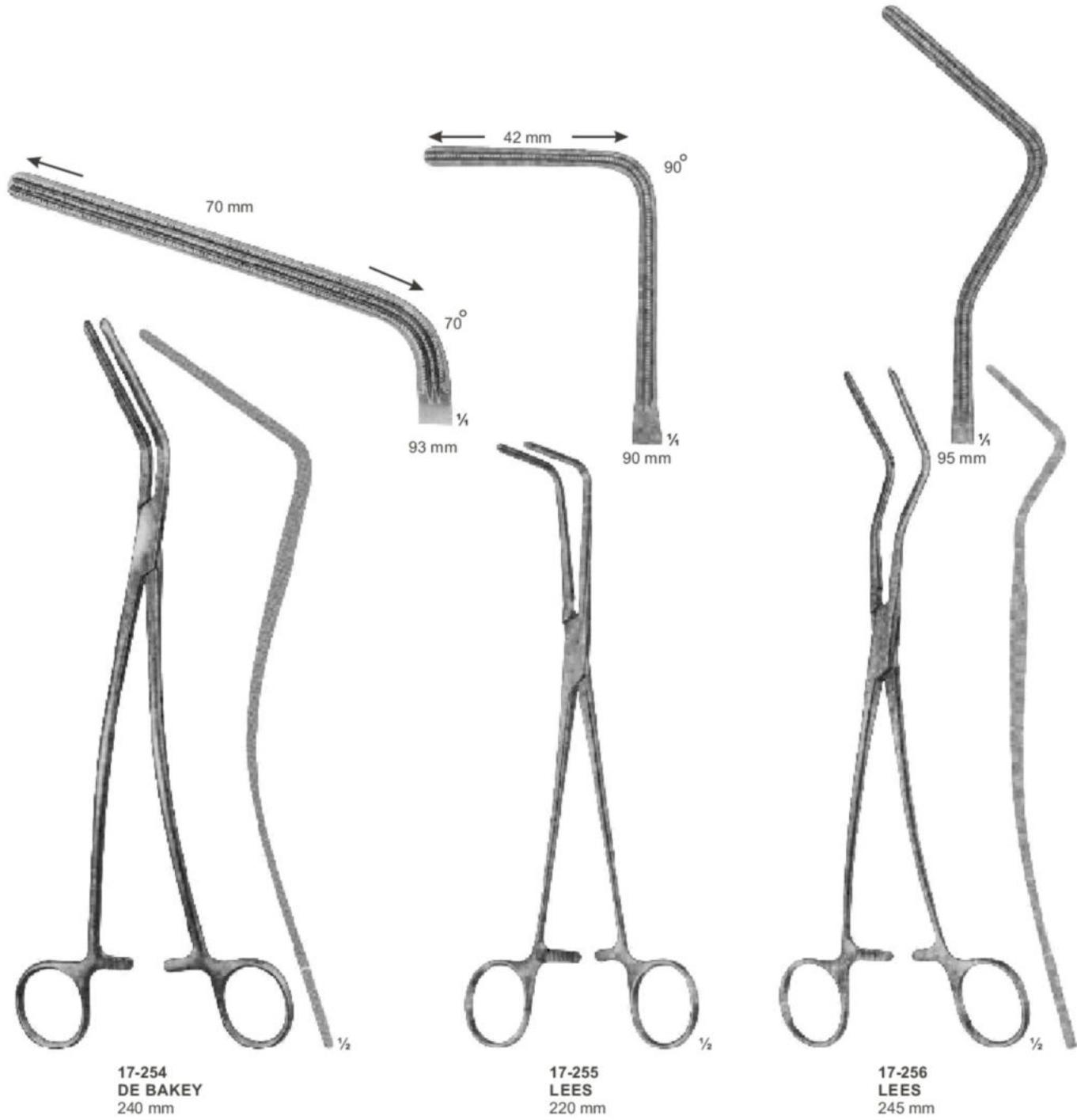


17-250 - 252  
DICK  
255 mm, 265 mm, 275 mm

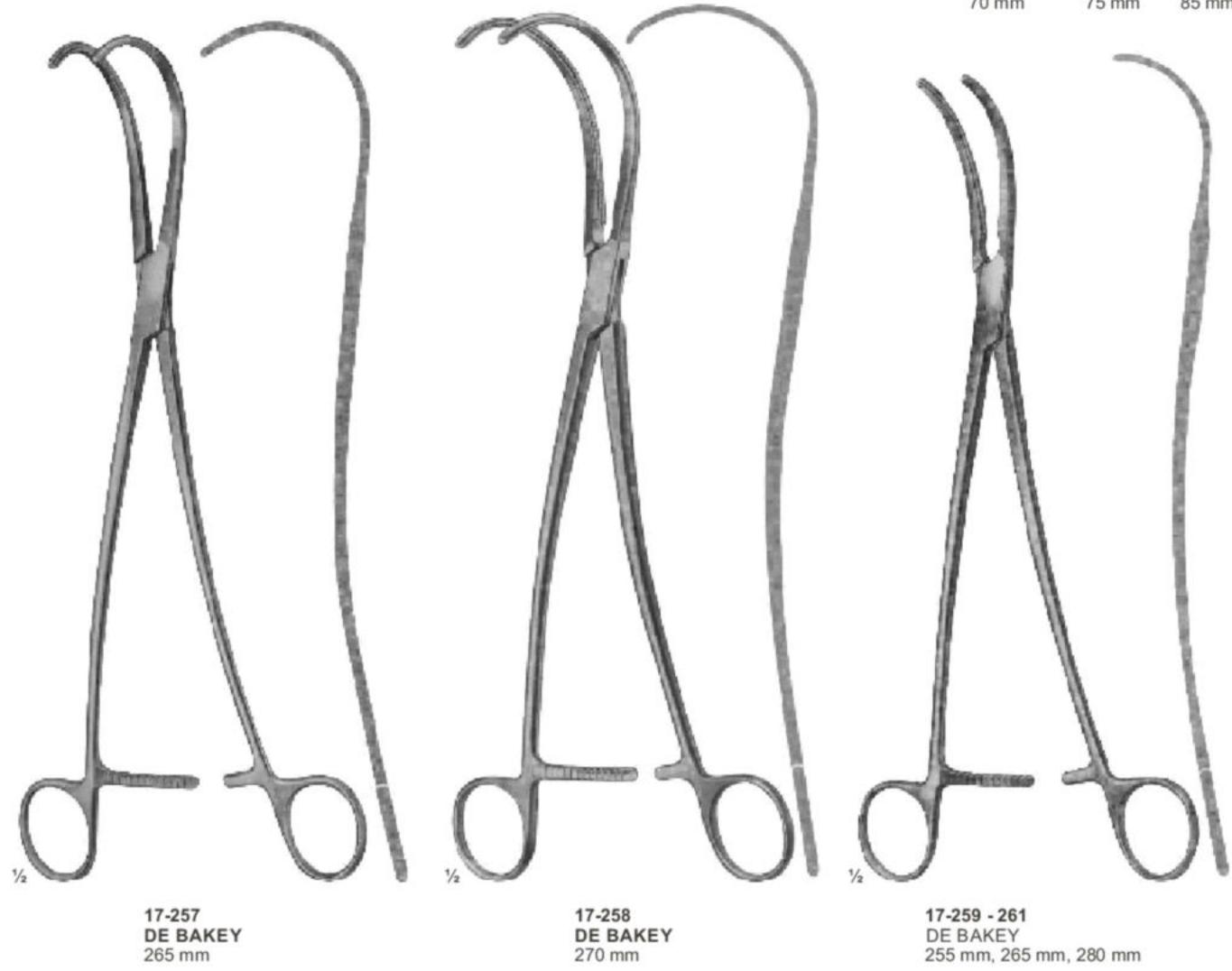
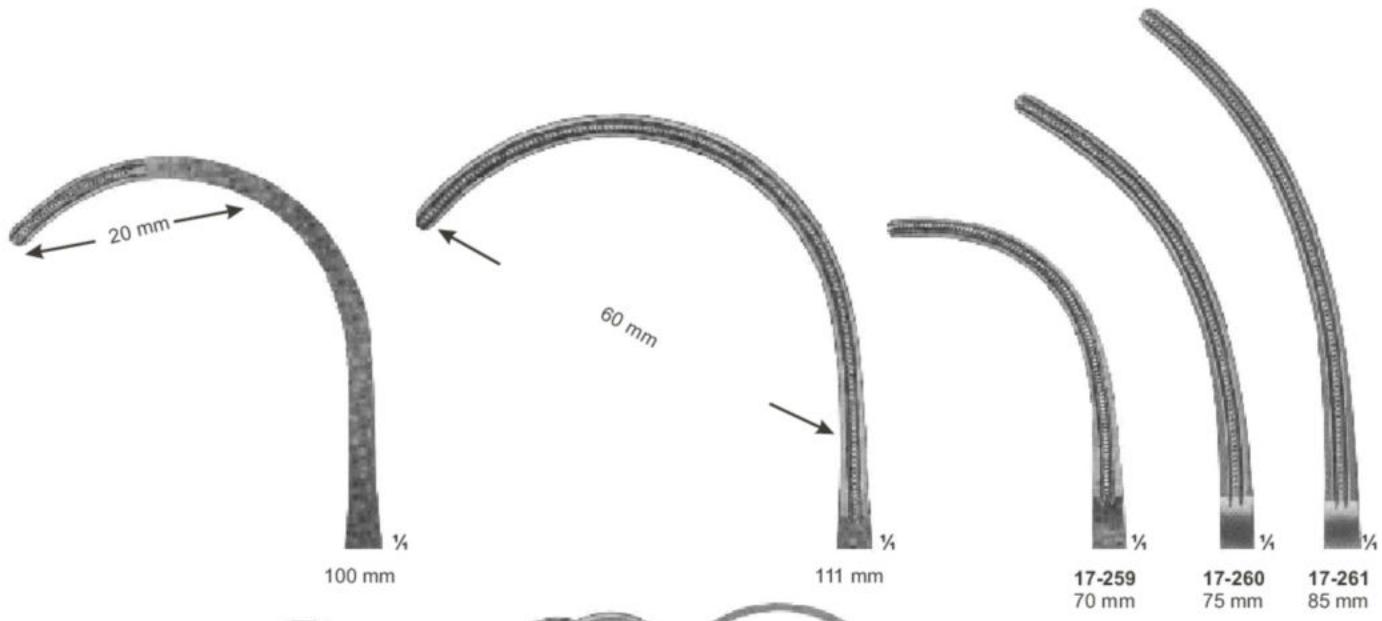


17-253  
MORRIS  
175 mm

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



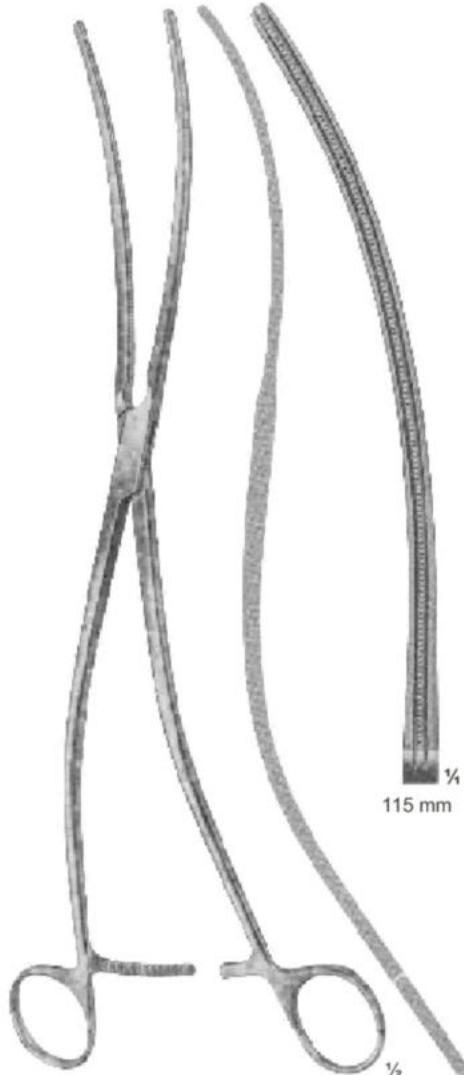
SURGICAL INSTRUMENTS



17-262	17-263	17-264	17-265
95 mm	110 mm	130 mm	140 mm

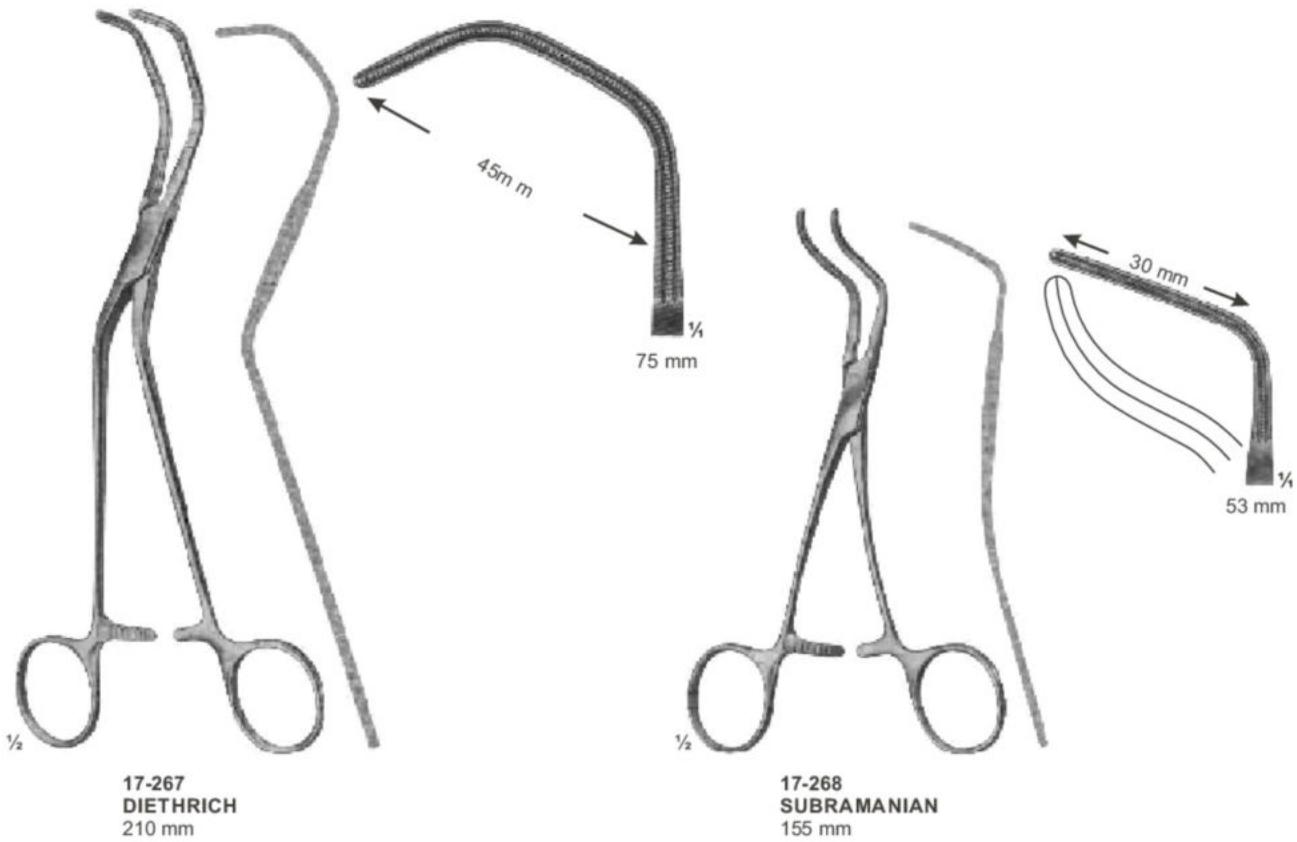


17-262 - 265  
DE BAKEY  
250 mm, 300 mm,  
315 mm, 330 mm

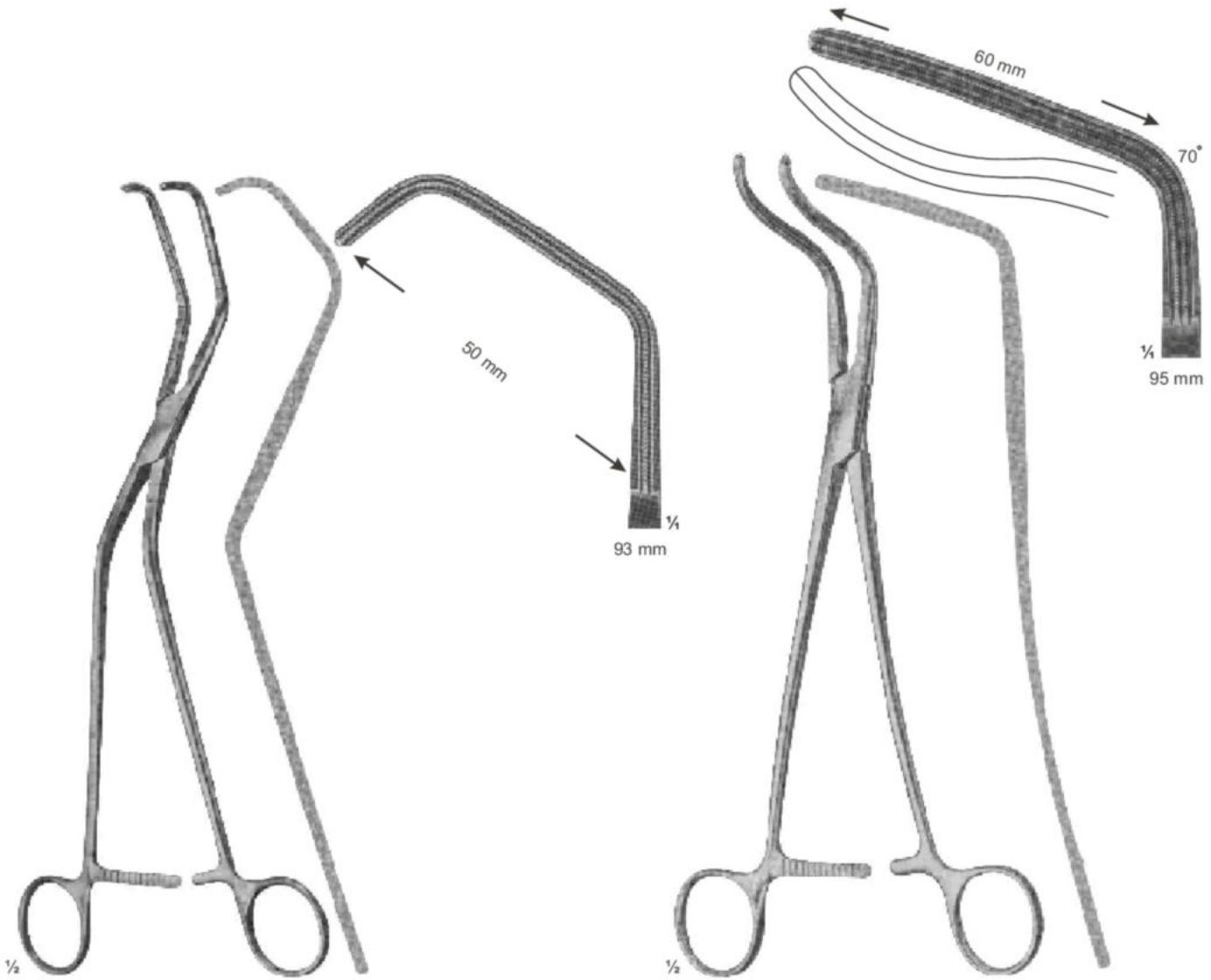


17-266  
DE BAKEY  
300 mm





SURGICAL INSTRUMENTS

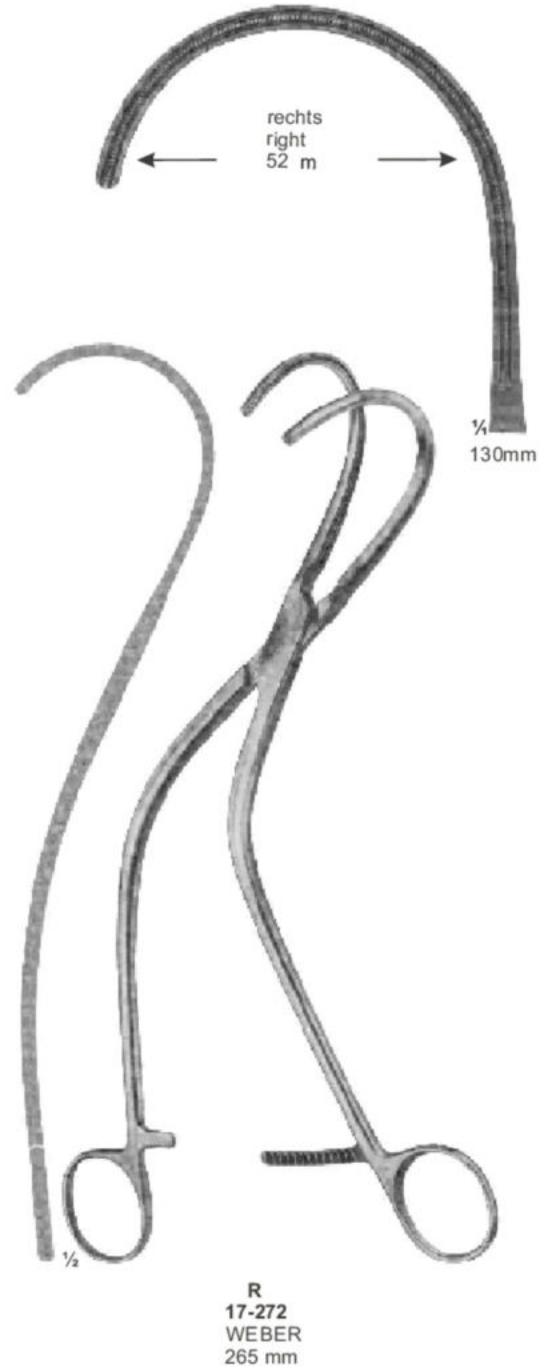
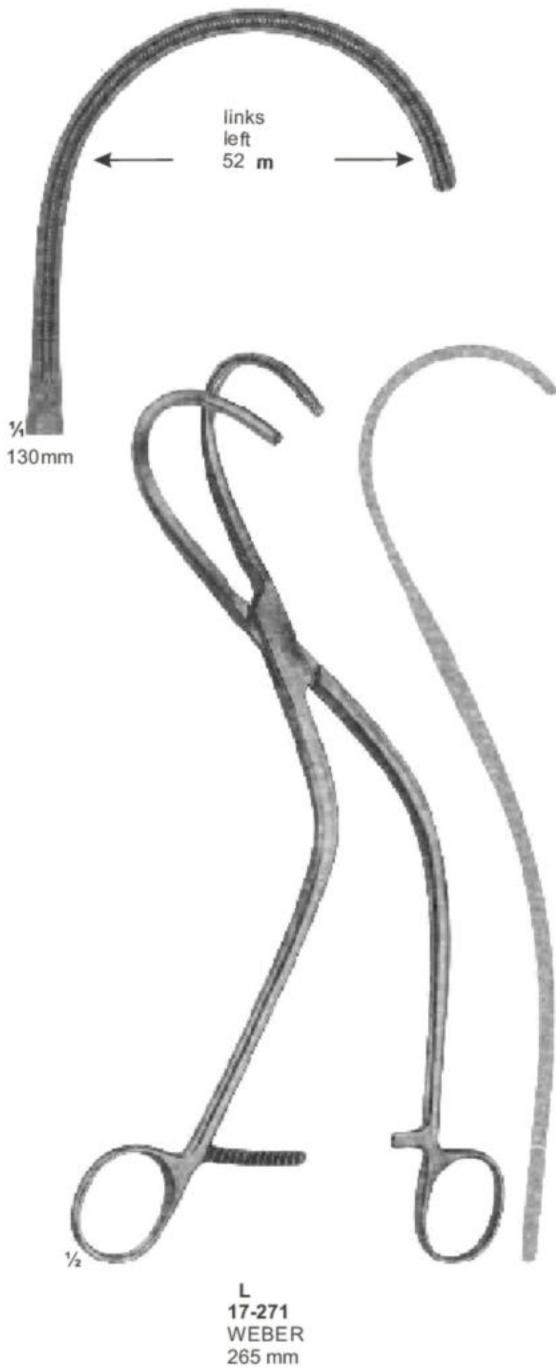


17-269  
OCHSNER  
260 mm

17-270  
DE BAKEY  
265 mm



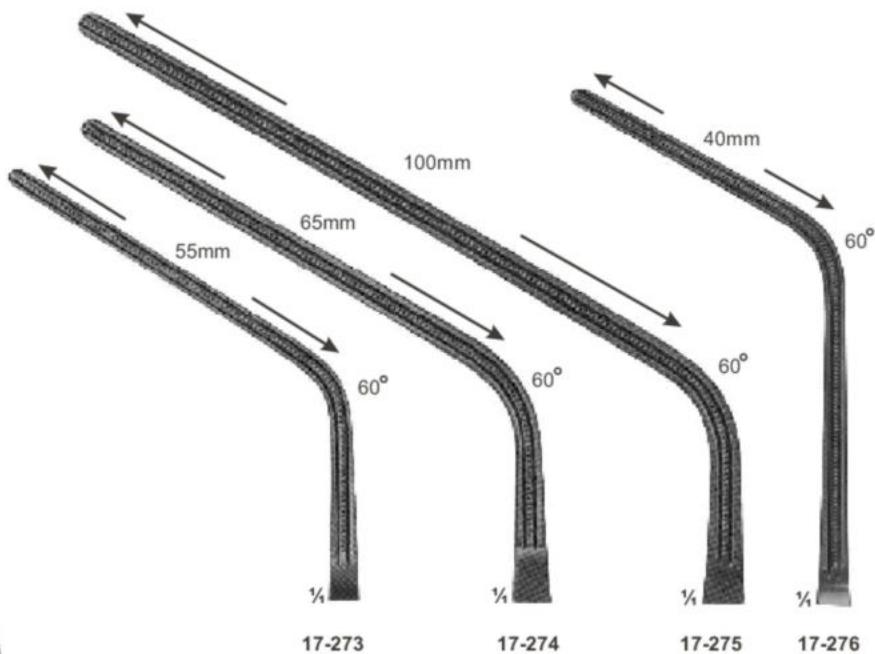
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



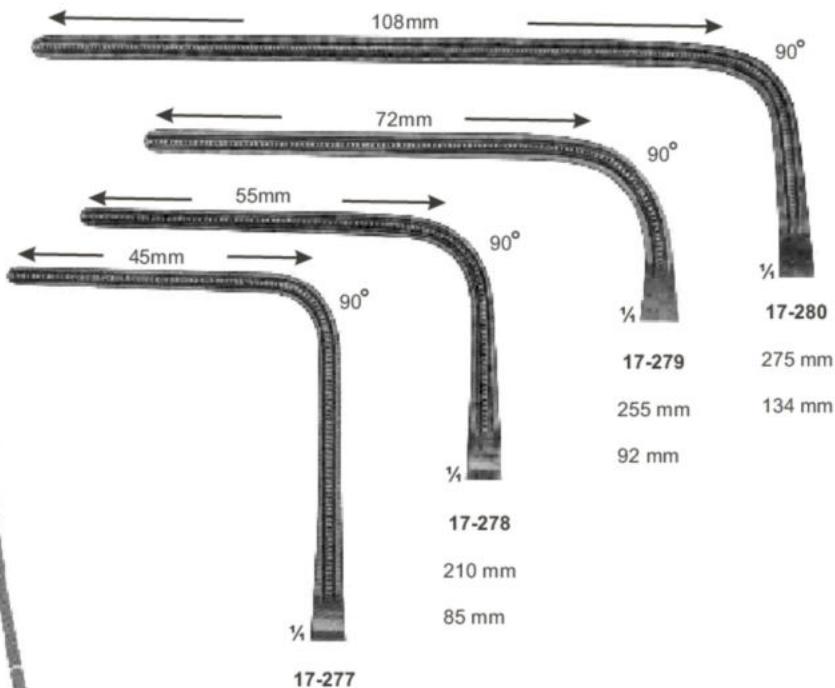
17-273 - 276  
DE BAKEY



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



17-277 - 280  
DE BAKEY

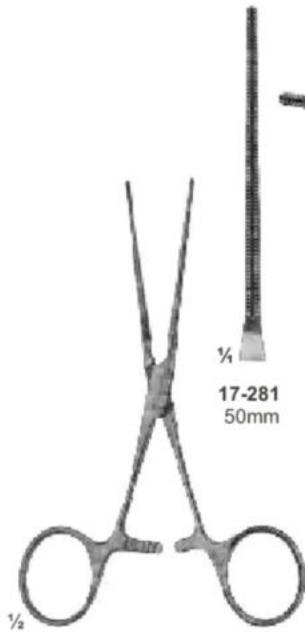


Total Length:	225 mm
Length of jaws:	93 mm

17-280	275 mm
17-279	134 mm
17-278	92 mm
17-277	210 mm



SURGICAL INSTRUMENTS

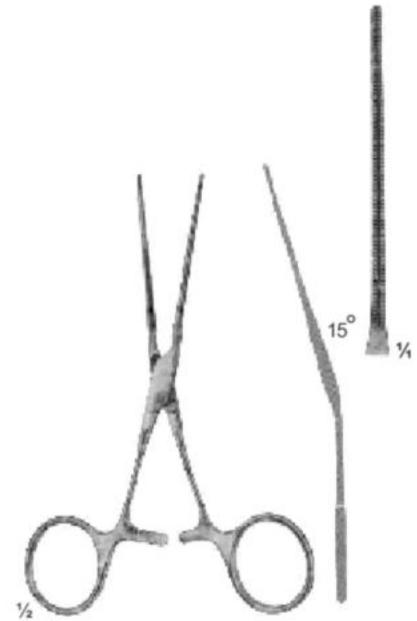


17-281  
50mm

17-282  
50mm

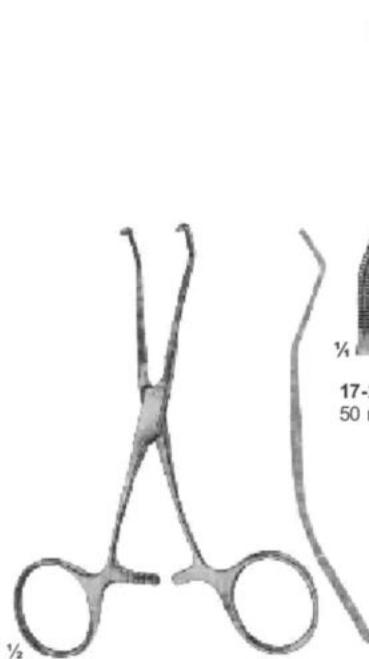


17-283  
COOLEY  
100 mm



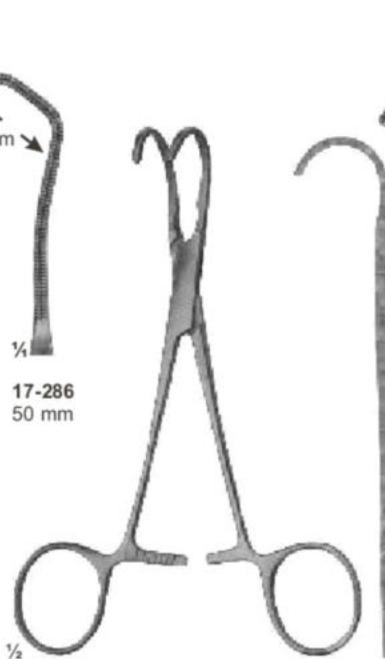
17-284  
COOLEY  
125 mm

17-281 - 282  
COOLEY  
125 mm, 115 mm



17-285  
50 mm

17-286  
50 mm



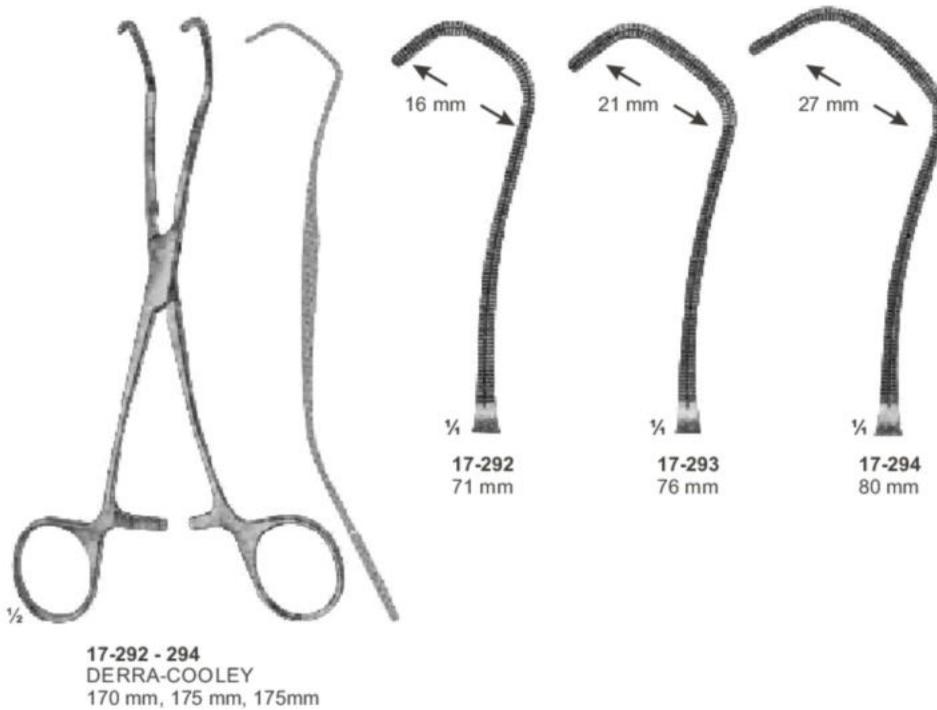
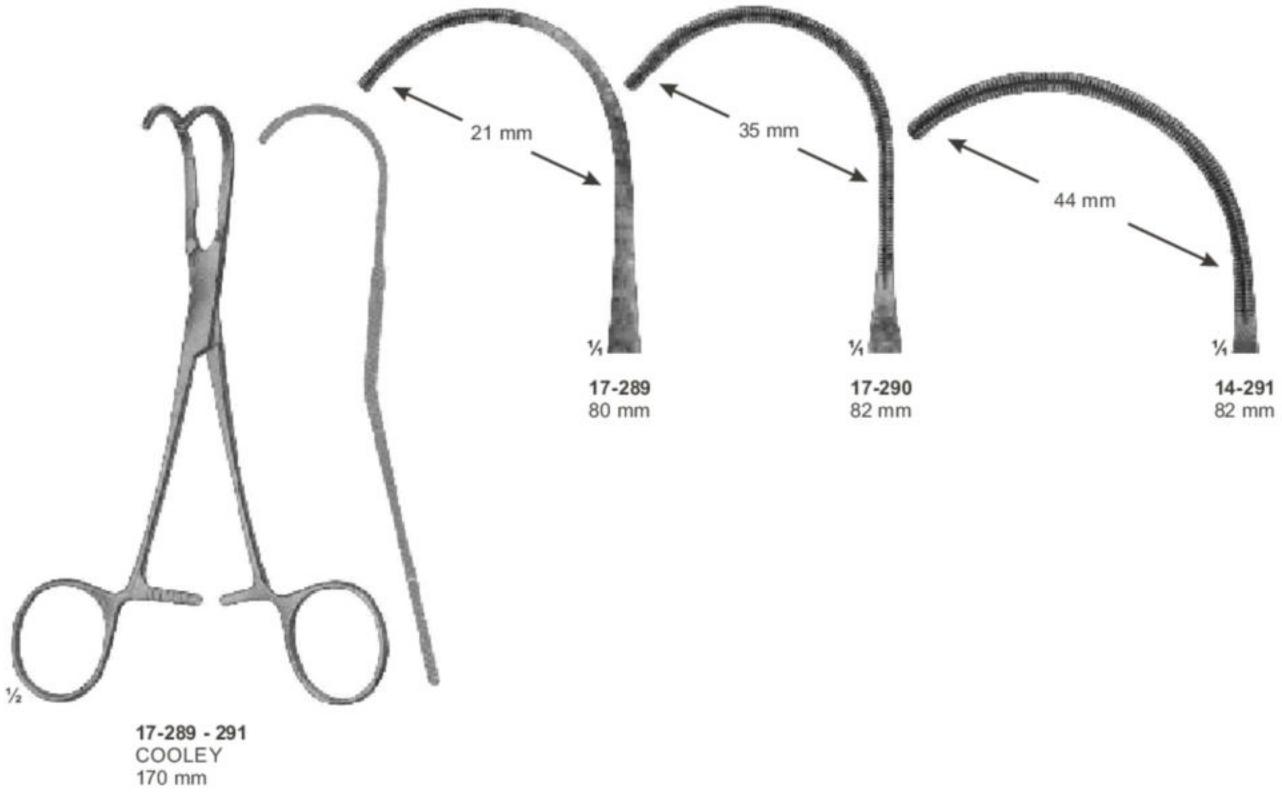
17-287  
56 mm

17-288  
63 mm

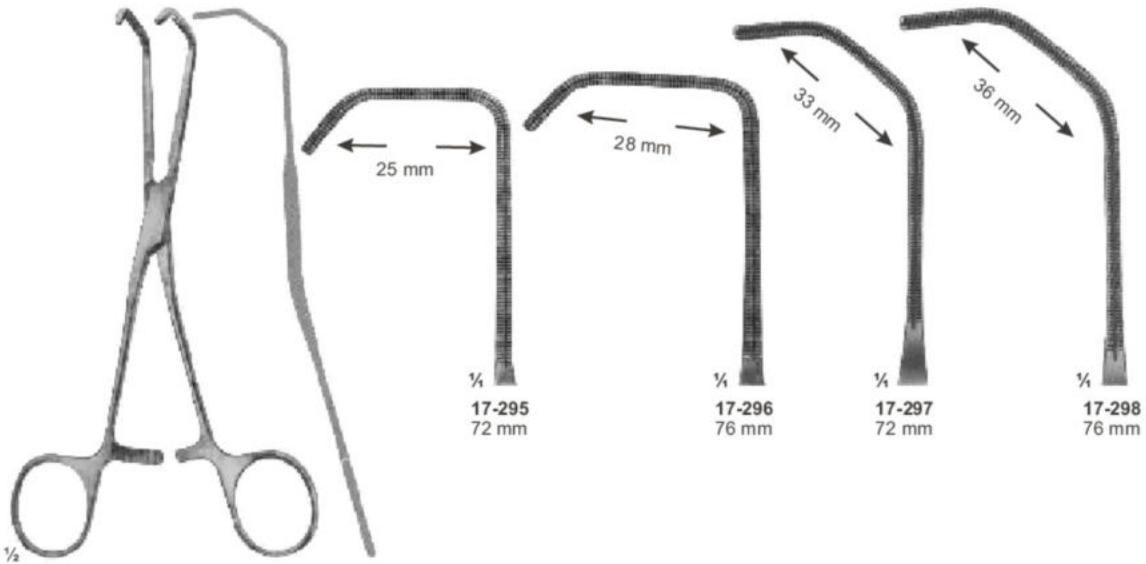
17-285 - 286  
COOLEY  
120 mm, 115 mm

17-287 - 288  
COOLEY-BACK  
150 mm, 115 mm

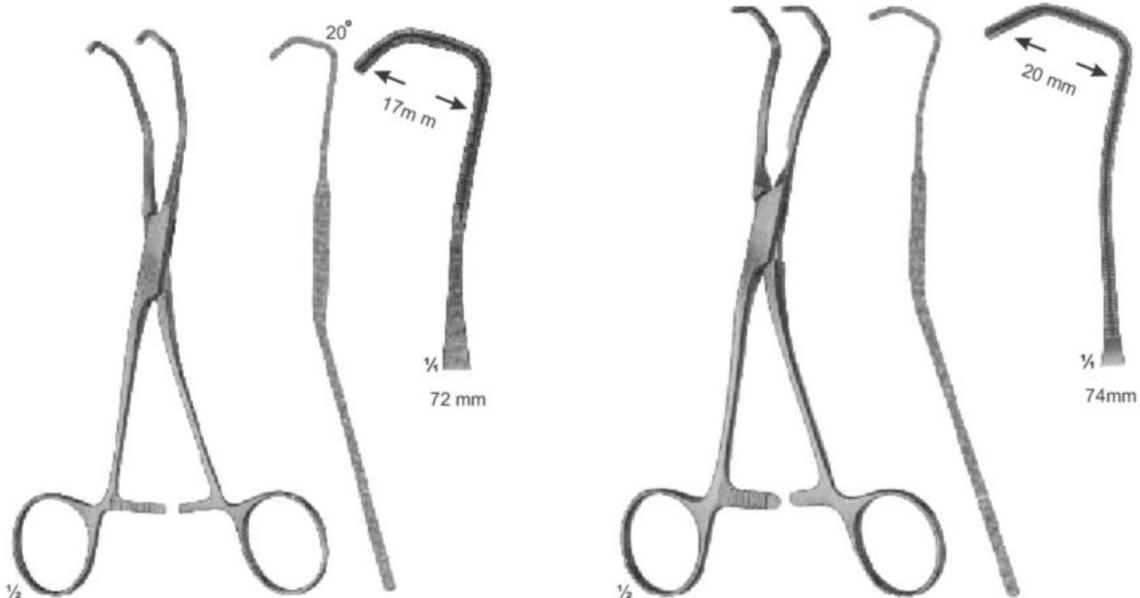
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



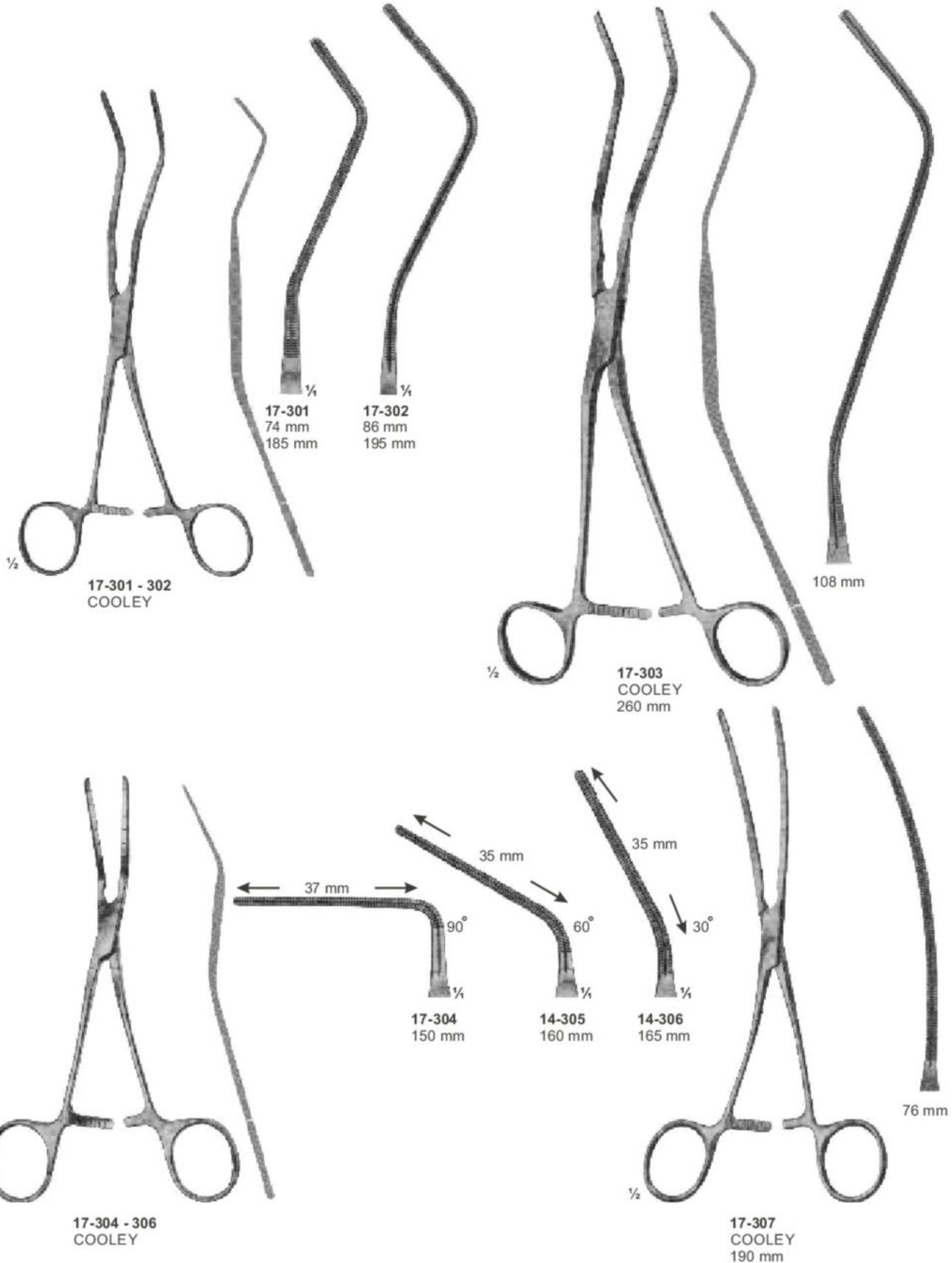
17-295 - 298  
COOLEY  
165 mm, 165 mm  
175 mm, 180 mm



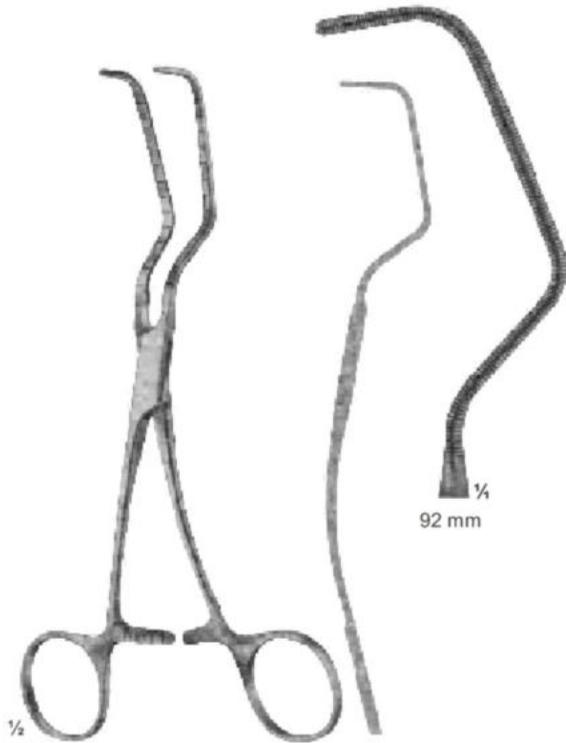
17-299  
COOLEY  
170 mm

17-300  
COOLEY  
175 mm

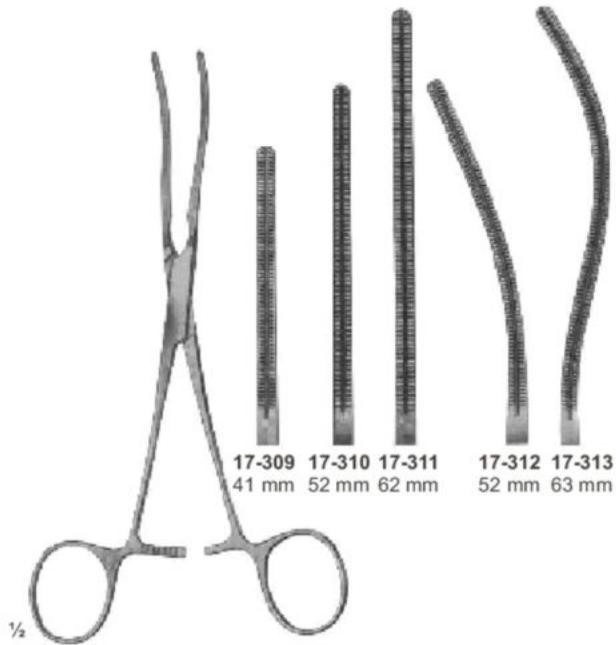
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SURGICAL INSTRUMENTS

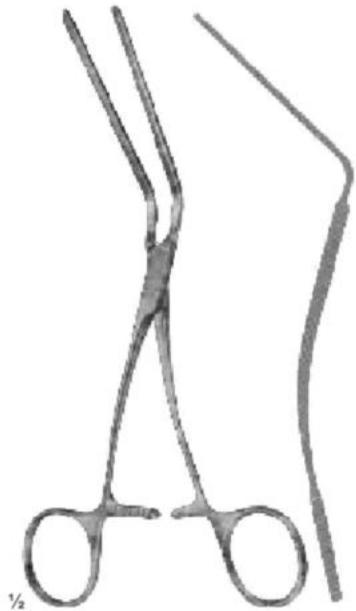


17-308  
PARRY-COOLEY  
185 mm

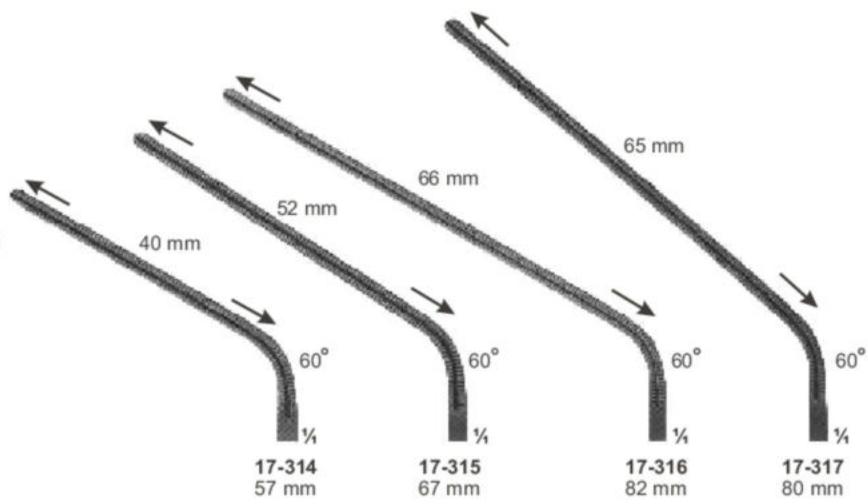


17-309 - 313  
COOLEY  
160 mm, 170 mm, 180 mm

17-309 41 mm  
17-310 52 mm  
17-311 62 mm  
17-312 52 mm  
17-313 63 mm



17-314 - 317  
165 mm, 170 mm,  
185 mm, 185 mm



17-314 57 mm  
17-315 67 mm  
17-316 82 mm  
17-317 80 mm

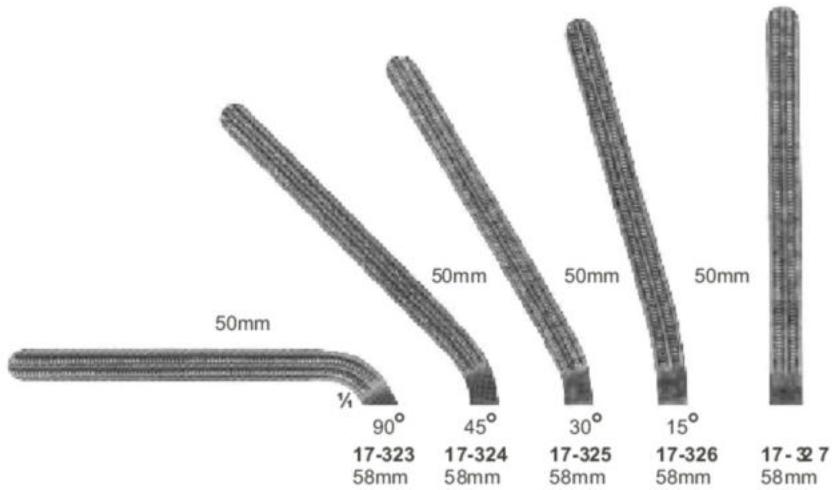
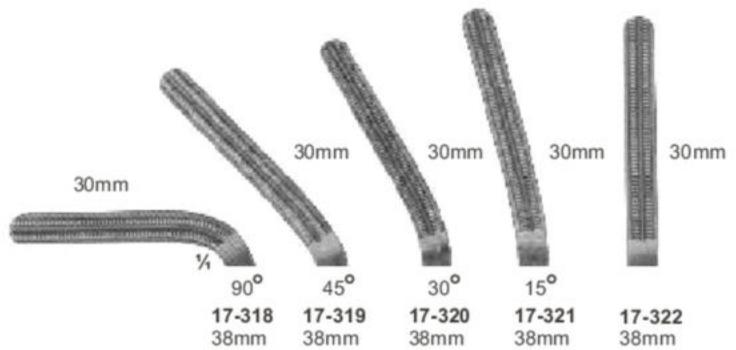


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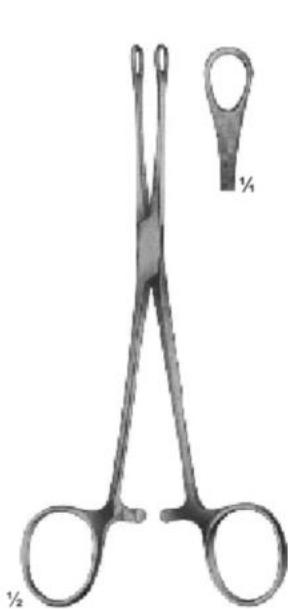


DARDIK

17-318	150 mm	17-323	170 mm
17-319	150 mm	17-324	170 mm
17-320	150 mm	17-325	170 mm
17-321	145 mm	17-326	160 mm
17-322	130 mm	17-327	135 mm



SURGICAL INSTRUMENTS



17-328  
WILLIAMS  
160 mm



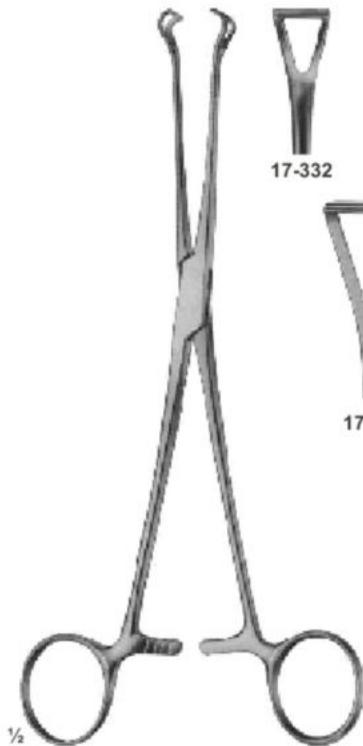
17-329  
TUTTLE  
230 mm



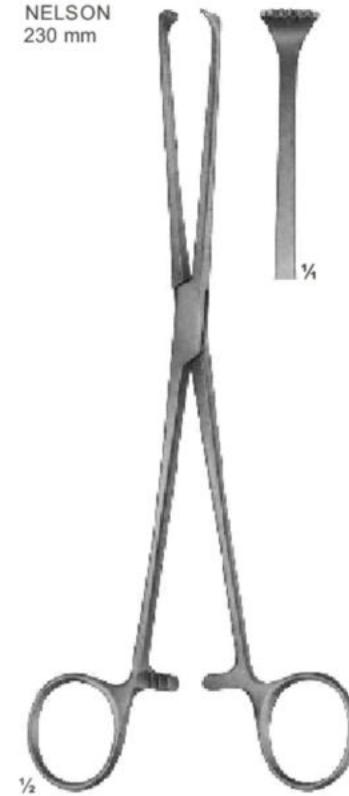
17-330  
NELSON  
230 mm



17-331  
DUVAL  
230 mm



BABCOCK  
17-332 170 mm  
17-333 215 mm  
17-334 220 mm

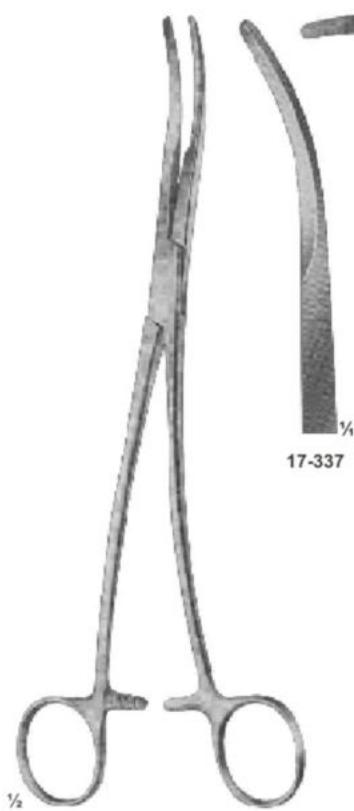


17-335  
ALLIS  
220 mm

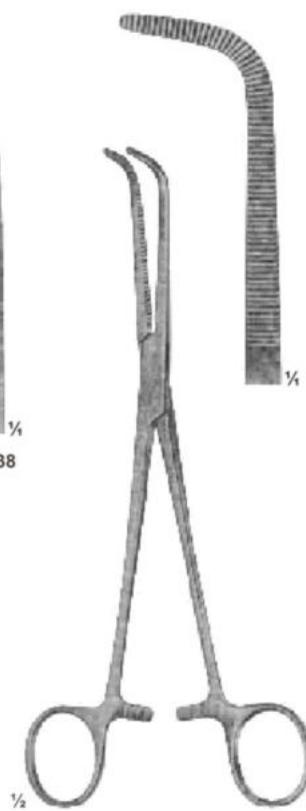
SURGICAL INSTRUMENTS



17-336  
FINOCHIETTO  
245 mm



17-337 - 338  
SEMB  
244 mm

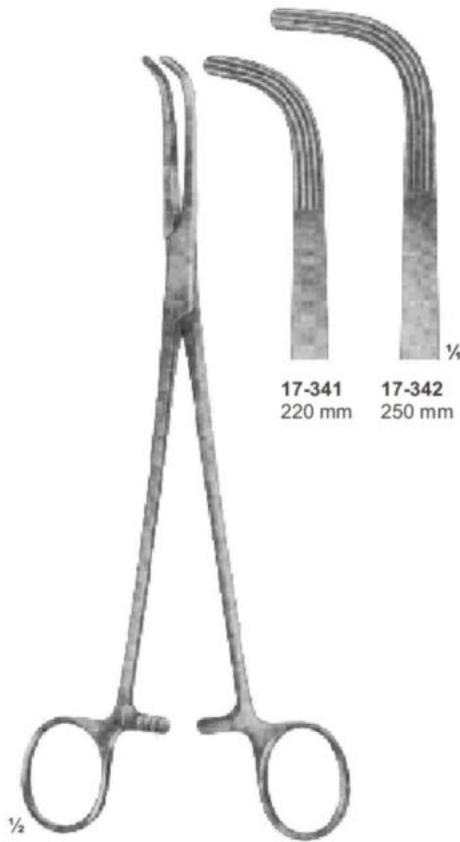


17-339  
WIKSTROEM  
205 mm

SURGICAL INSTRUMENTS



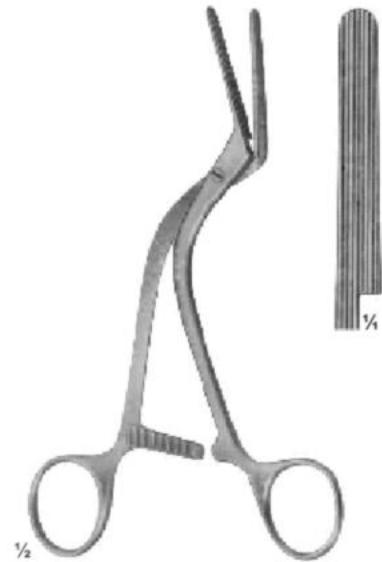
17-340  
MIXTER  
230 mm



17-341 - 342  
MIXTER

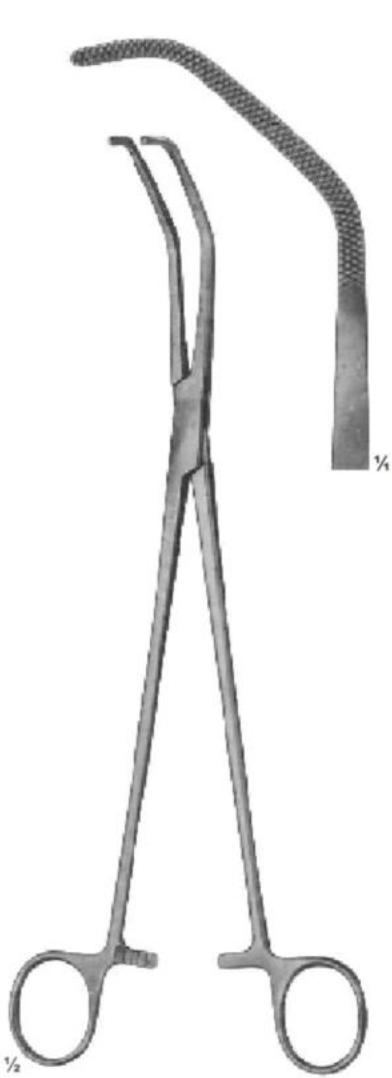
17-341  
220 mm

17-342  
250 mm



17-343  
HOPFNER  
160 mm

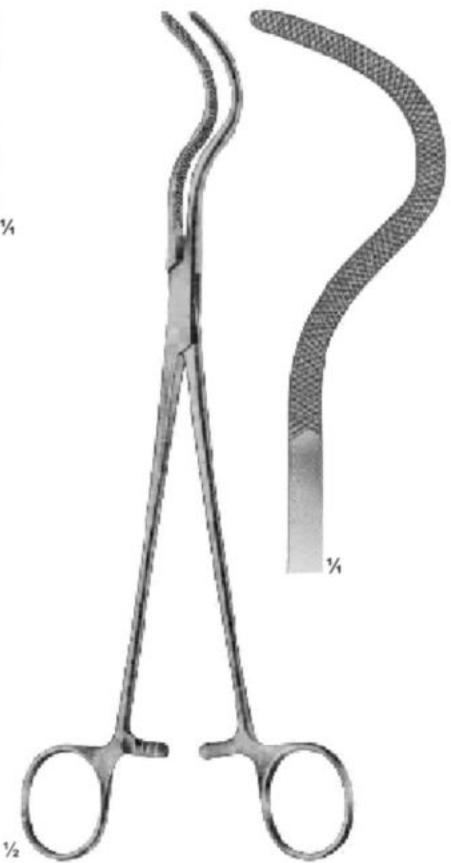
SURGICAL INSTRUMENTS



17-344  
SATINSKY  
265 mm



17-345  
SATINSKY  
265 mm

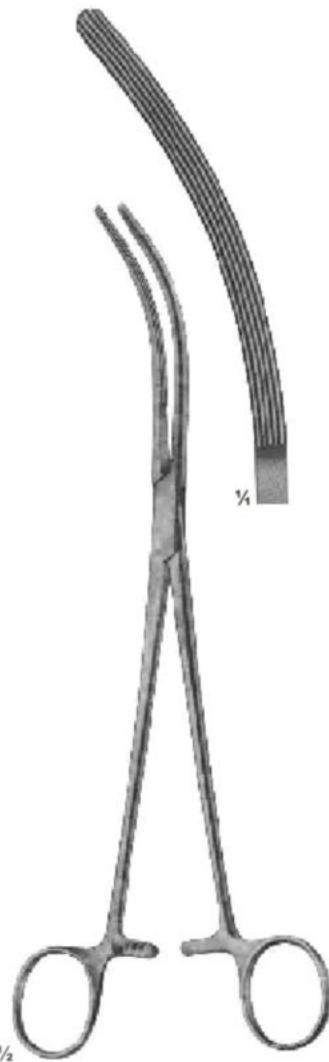


17-346  
HARKEN  
240 mm

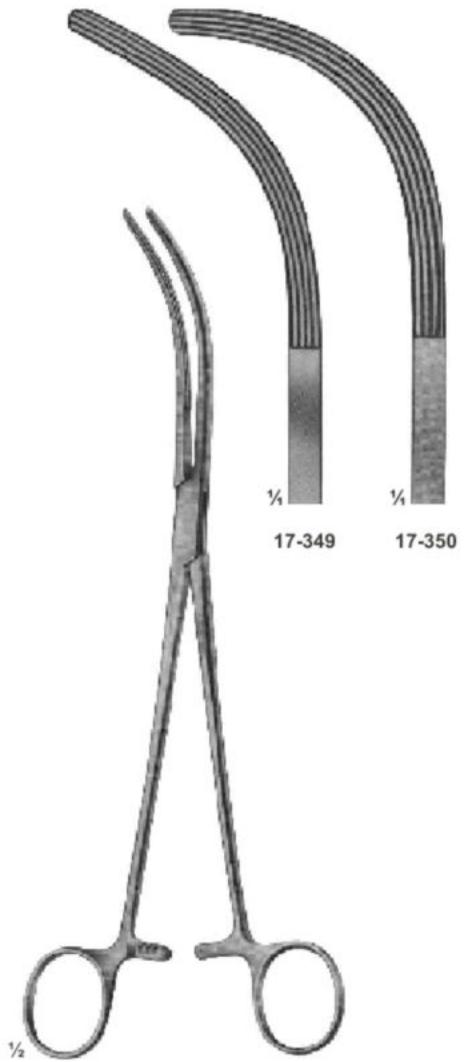
SURGICAL INSTRUMENTS



17-347  
PERTUISET  
Carotid Clamp  
90 mm



17-348  
CRAFOORD-SELLORS  
240 mm

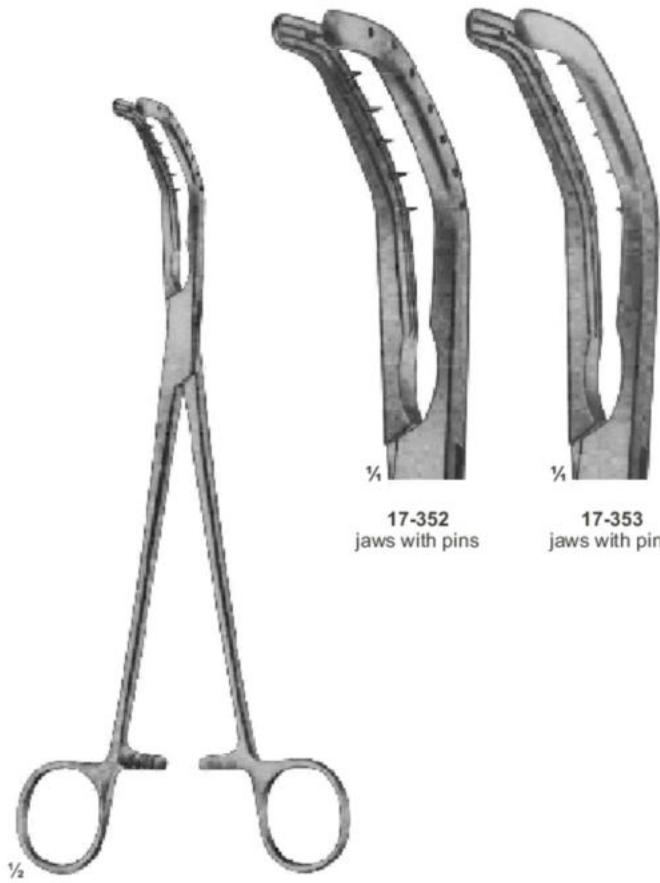


17-349 - 350  
CRAFOORD  
240 mm

SURGICAL INSTRUMENTS



17-351  
PRICE THOMAS  
225 mm



17-352  
jaws with pins

17-353  
jaws with pins

17-352 - 353  
PRICE THOMAS  
225 mm

SURGICAL INSTRUMENTS



17-354  
SCHUMACHER  
Sternum shears  
210 mm



17-355  
LEBSCHKE  
Sternum chisel  
200 mm



17-356  
230 mm



17-357  
COLLIN  
195 mm



17-358  
GLUCK  
190 mm



17-359  
GLUCK  
190 mm

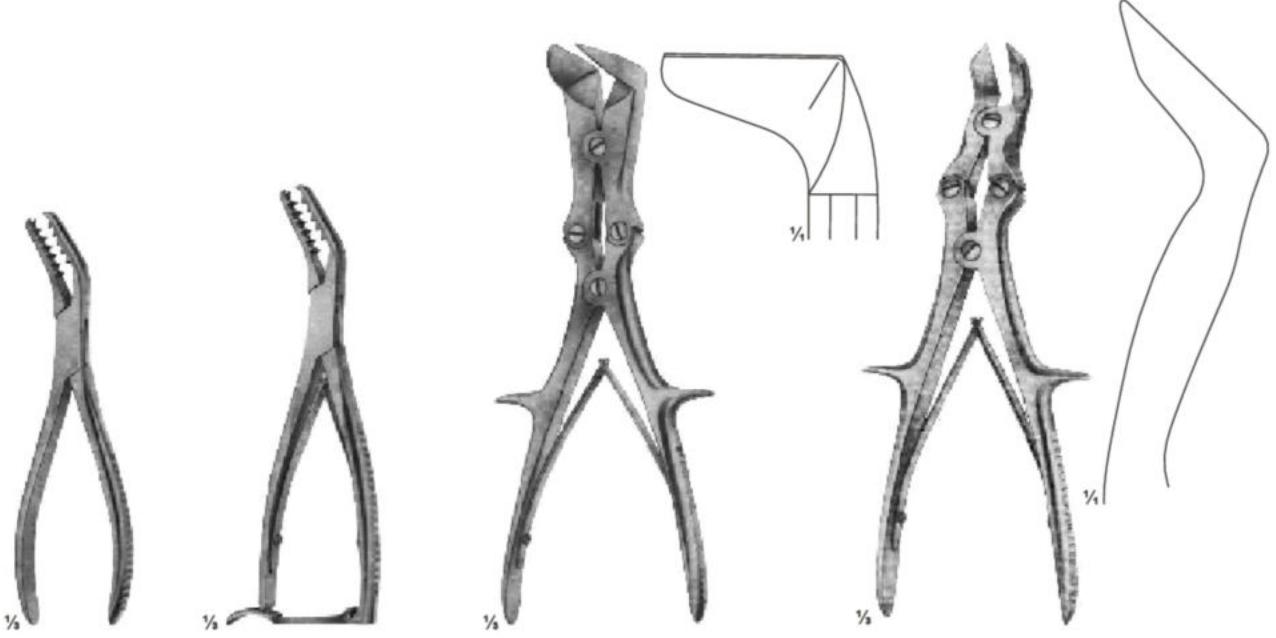


17-360  
BRUNNER  
Universal Pattern  
340 mm



17-361  
GIERTZ-STILLE  
250 mm

SURGICAL INSTRUMENTS

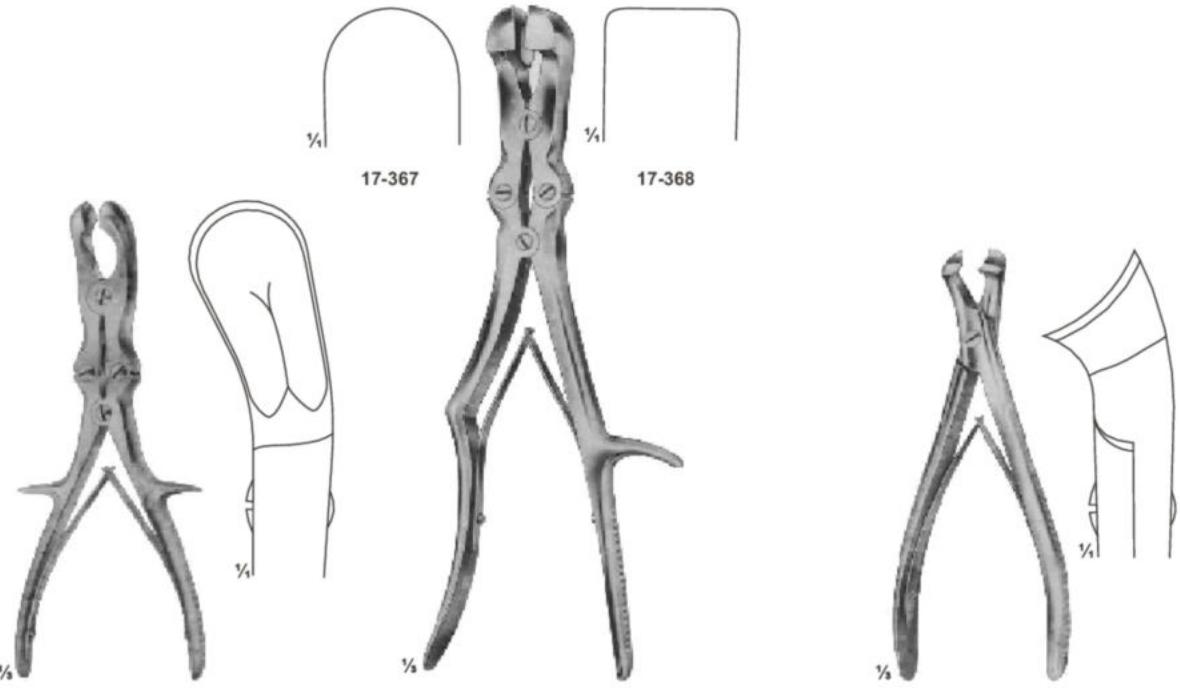


**17-362**  
SEMB  
Rib-and Bone  
Holding forceps  
190 mm

**17-363**  
SEMB  
Rib-and Bone  
Holding forceps  
190 mm

**17-364**  
LISTON-STILLE  
265 mm

**17-365**  
LISTON-KEY-HORSLEY  
255 mm

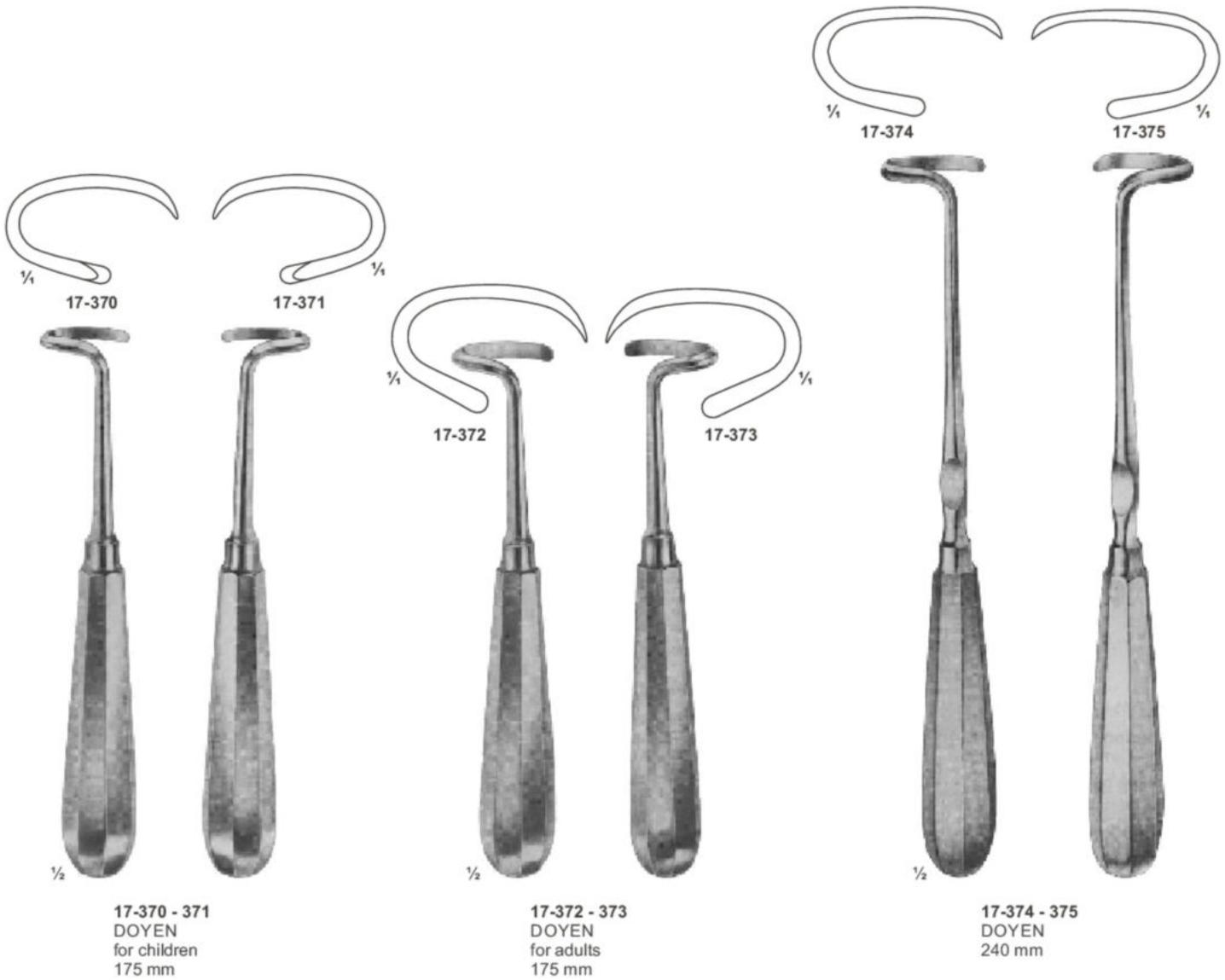


**17-366**  
SEME  
Rib Rongeur to shorten  
the rib stumps  
240 mm

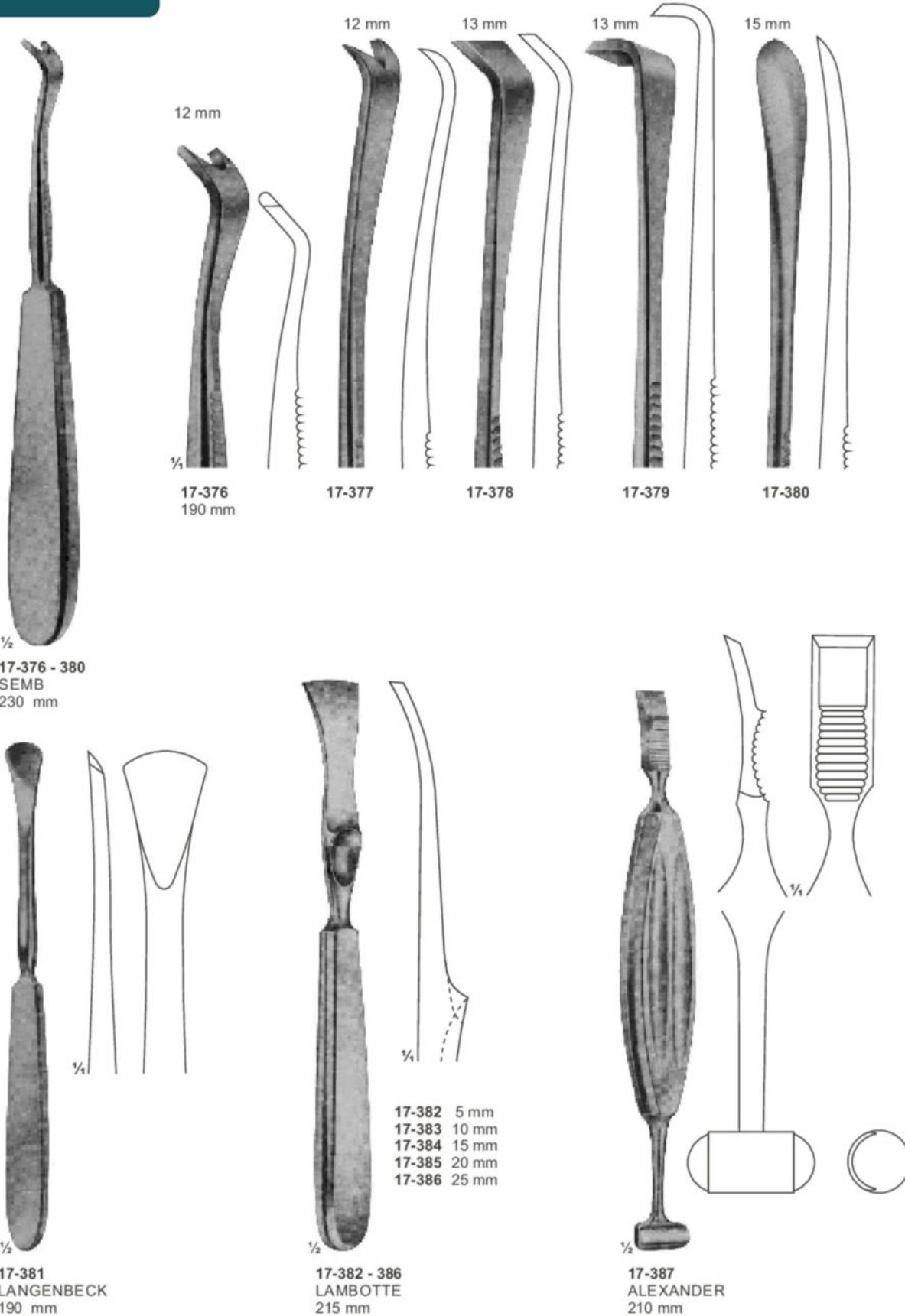
**17-367-368**  
SAUERDRUCH-CORYLLOS  
Rib rongeurs to shorten  
the rib stumps  
310 mm

**17-369**  
MARKWALDER  
Rib Rongeur to Round  
the rib stumps  
190 mm

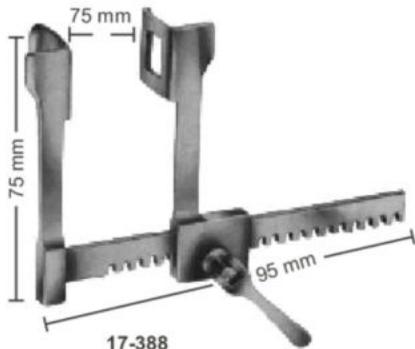
SURGICAL INSTRUMENTS



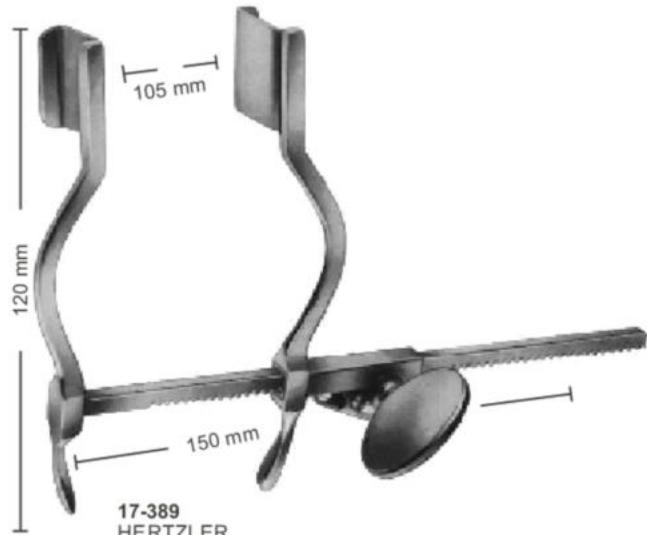
SURGICAL INSTRUMENTS



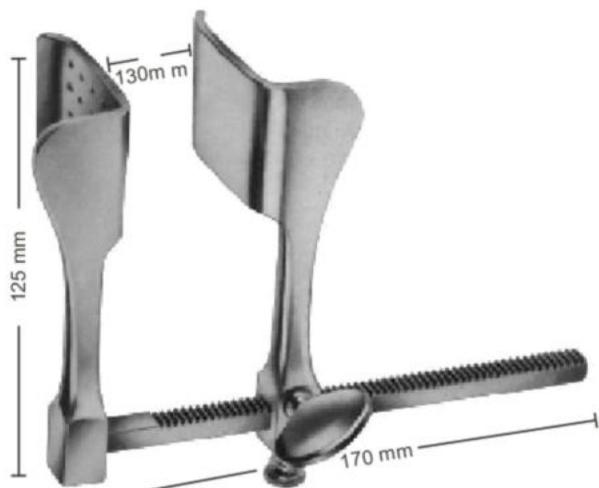
SURGICAL INSTRUMENTS



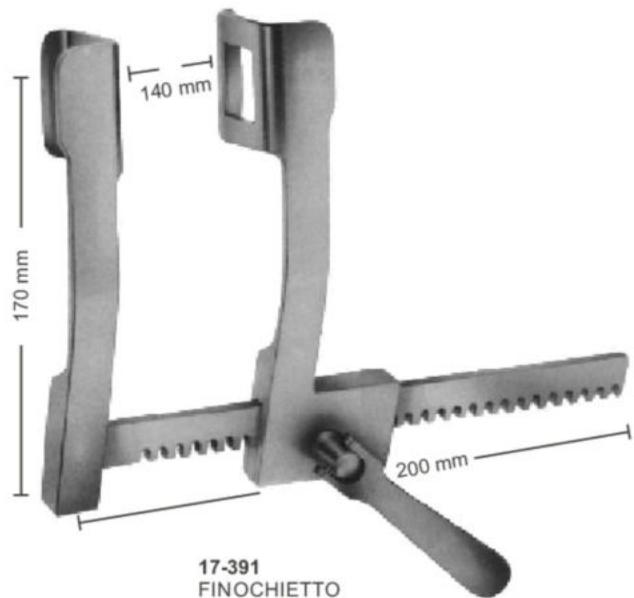
17-388  
FINOCHIETTO  
18X21 mm



17-389  
HERTZLER  
20X25 mm

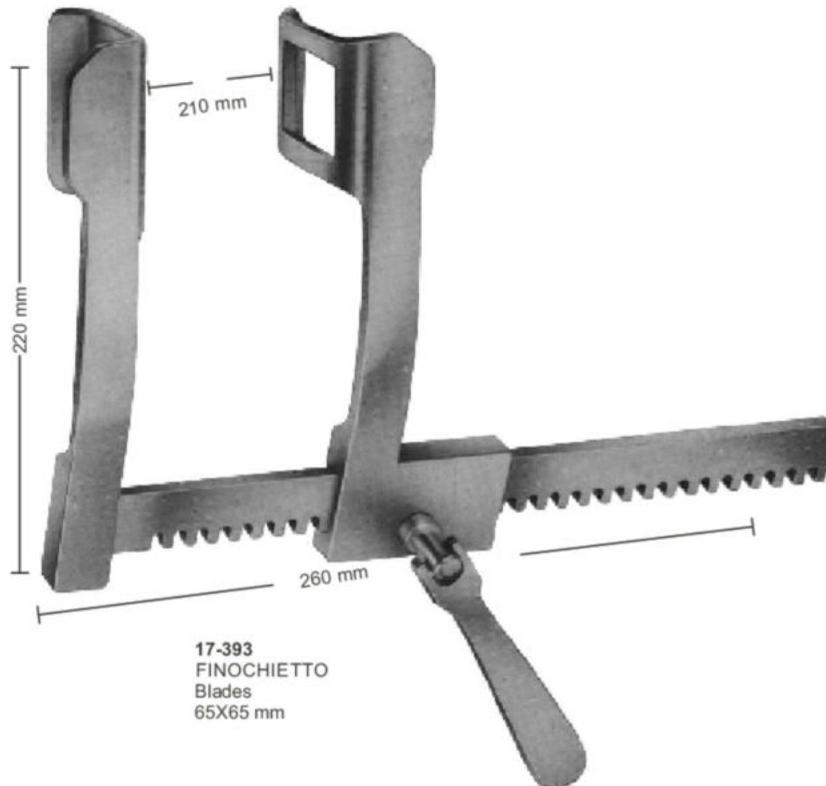
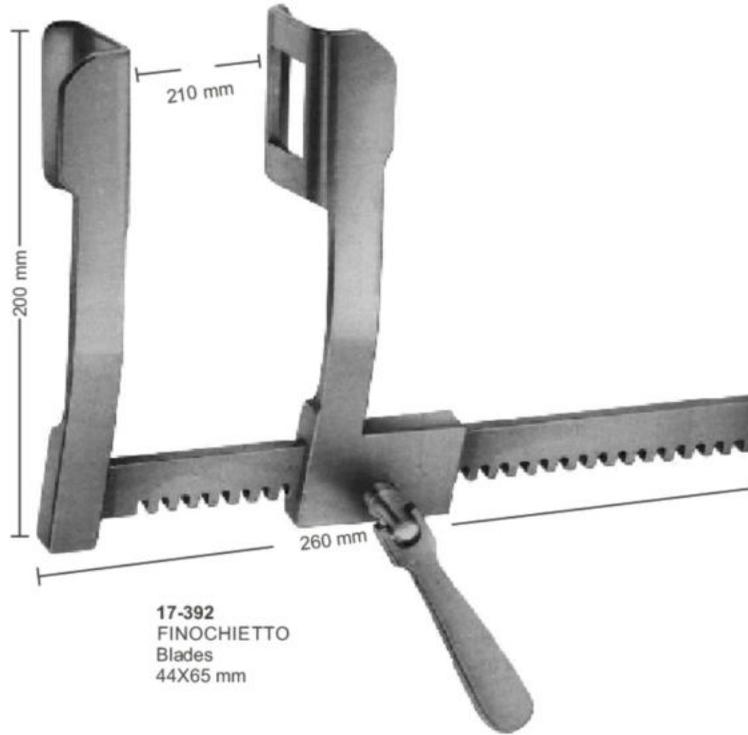


17-390  
TUFFIER  
Blades  
43X53 mm

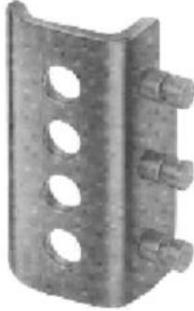


17-391  
FINOCHIETTO  
Blades  
36X45 mm

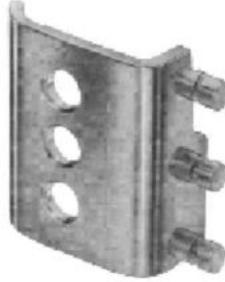
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



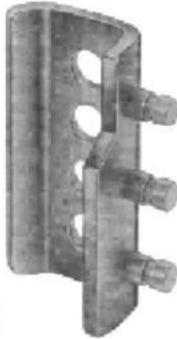
17-395  
Blades  
46x67 mm



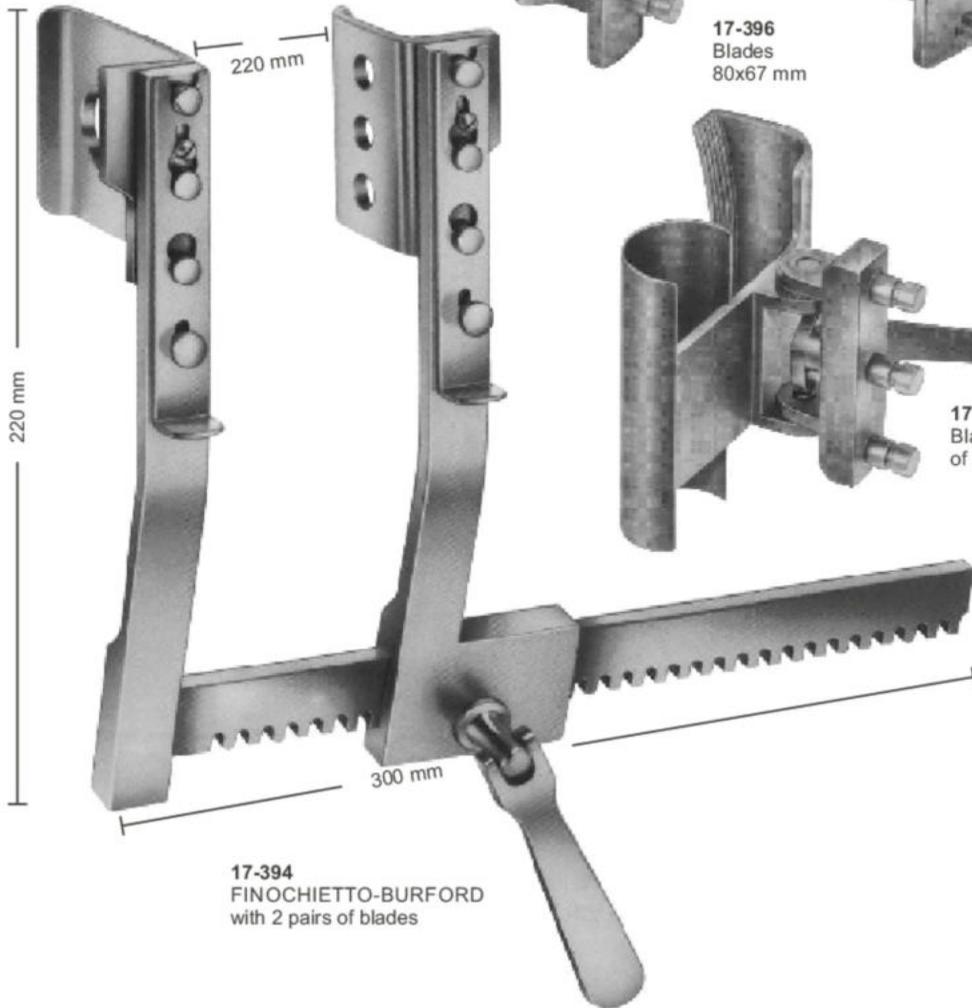
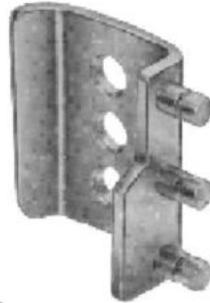
17-396  
Blades  
80x67 mm



17-397  
Blades  
46x67 mm

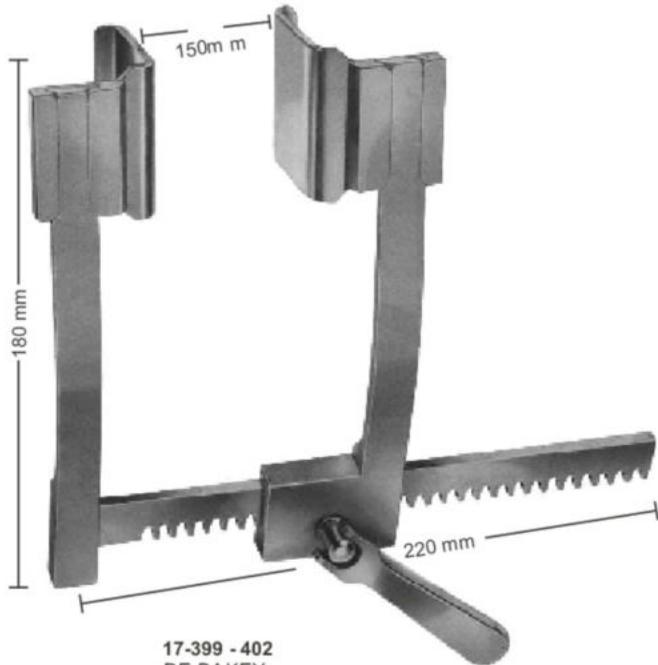


17-398  
Blade, Only, for preparation  
of a. Mammaria, 25.5x80mm

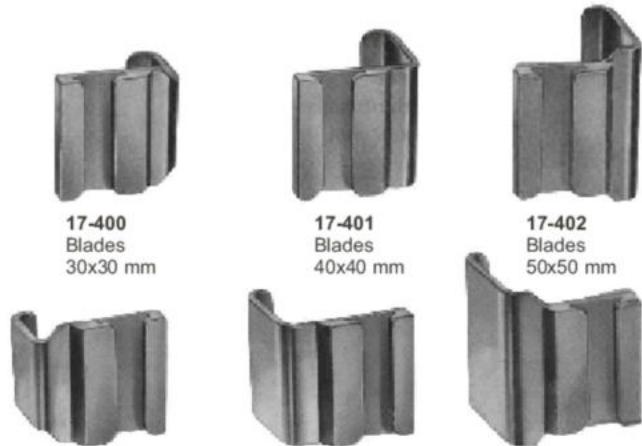


17-394  
FINOCHIETTO-BURFORD  
with 2 pairs of blades

SURGICAL INSTRUMENTS



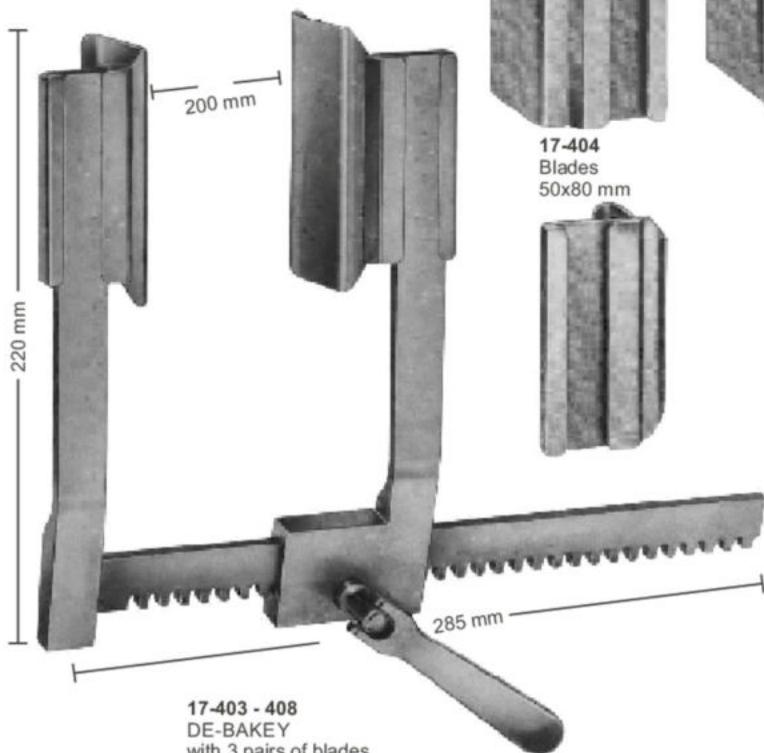
**17-399 - 402**  
DE-BAKEY  
with 3 pairs of blades



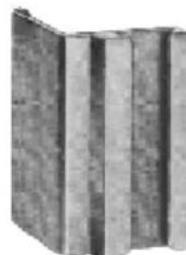
**17-400**  
Blades  
30x30 mm

**17-401**  
Blades  
40x40 mm

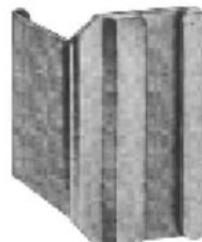
**17-402**  
Blades  
50x50 mm



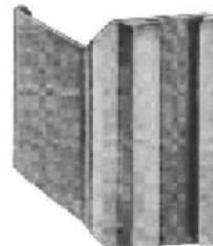
**17-403 - 408**  
DE-BAKEY  
with 3 pairs of blades



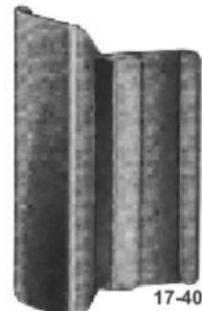
**17-404**  
Blades  
50x80 mm



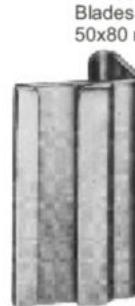
**17-405**  
Blades  
80x60 mm



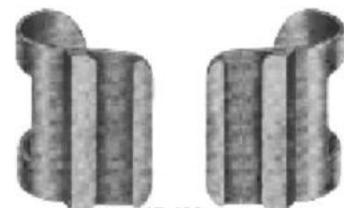
**17-406**  
Blades  
50x80 mm



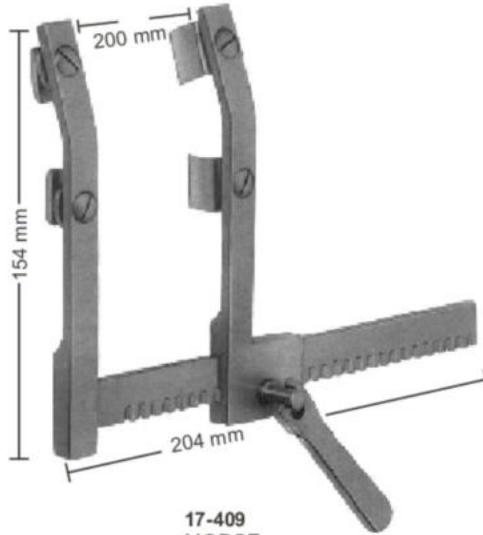
**17-407**  
Blades  
40x100 mm



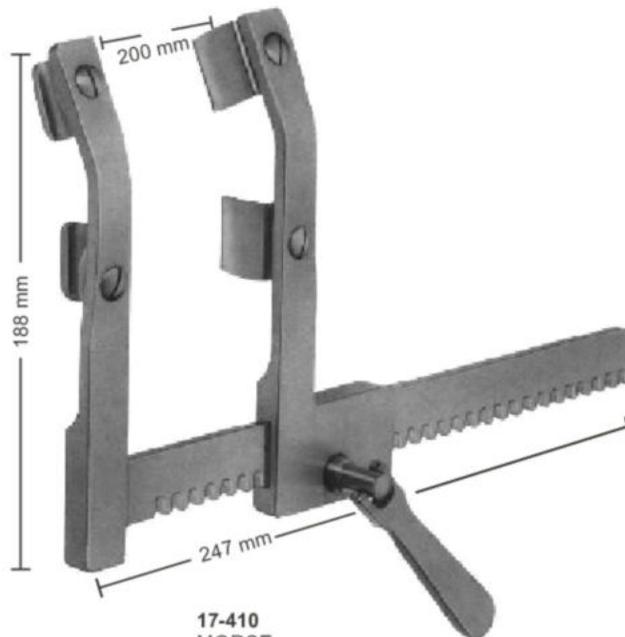
**17-408**  
Sternotomy Blades



SURGICAL INSTRUMENTS

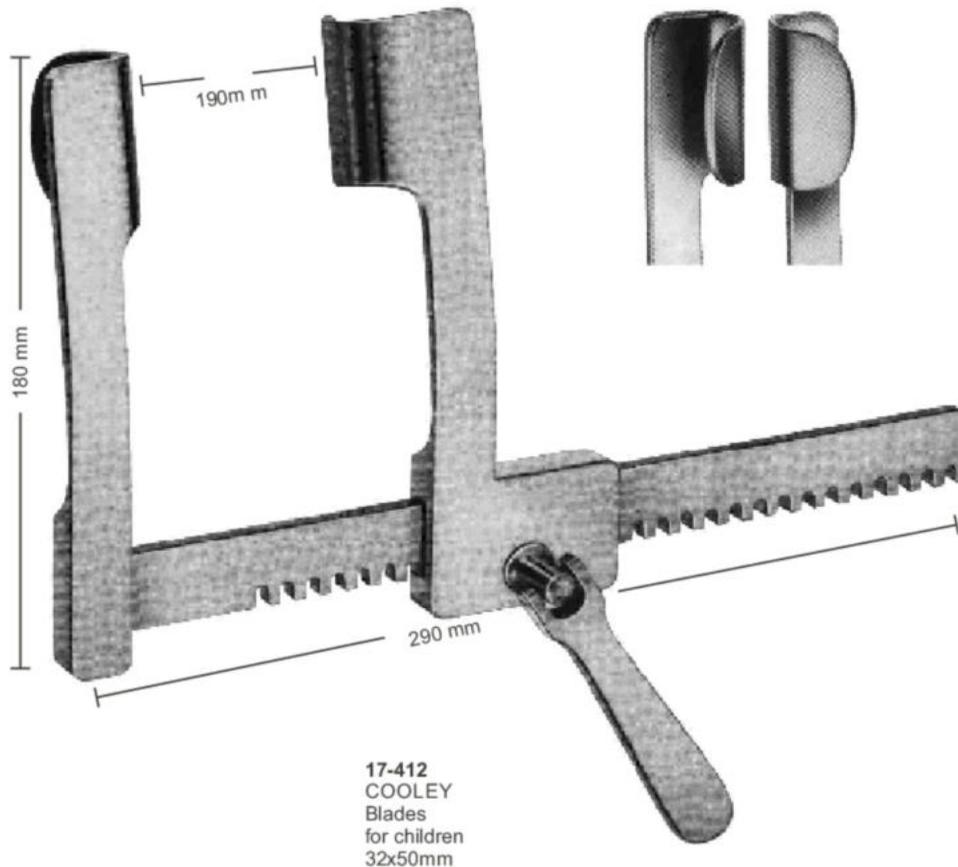
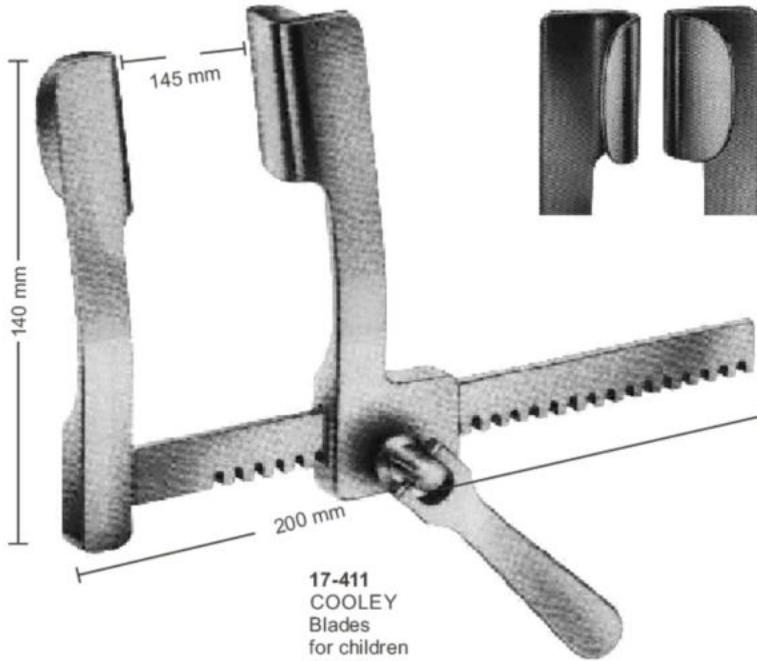


**17-409**  
**MORSE**  
Sternotomy spreader  
for children, with moveable  
double, each blade  
12x20 mm



**17-410**  
**MORSE**  
Sternotomy spreader  
for adults, with moveable  
double, each blade  
19x19 mm

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



17-414  
Blades  
75x75 mm



17-415  
Blades  
42x65 mm

Blades with Ball Snap System  
Delivery: in Pairs

- 17-413 - 415  
Thoraxsperrer (Mercedes-Sperrer)  
complete consisting of:  
17-413 Retractor only  
17-414 1 Pair of blades 42x65 mm  
17-415 1 Pair of blades 75x75 mm

SURGICAL INSTRUMENTS



17-416  
SELLORS  
Rib spreader and contractor  
with swivel blades  
200 mm



17-417  
BAILEY  
150 mm



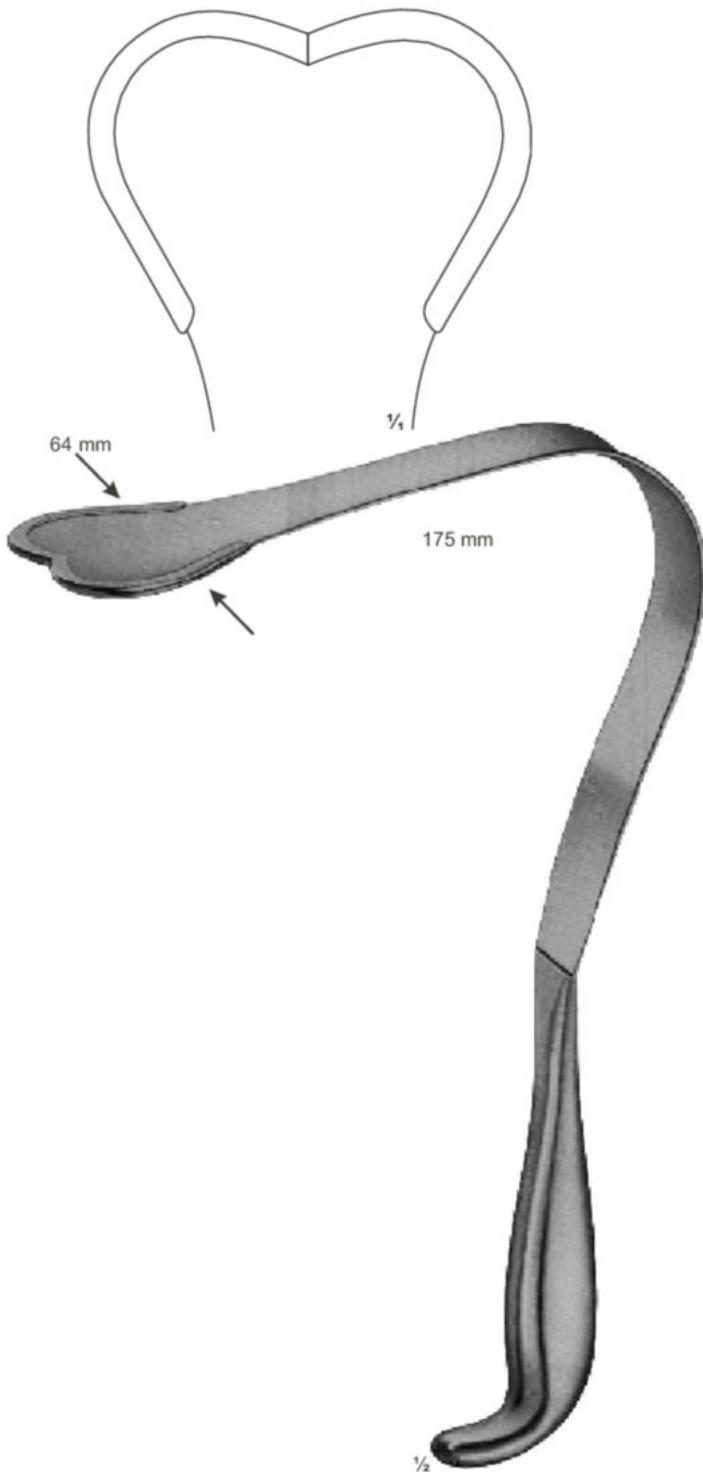
17-418  
for children

17-419  
for child

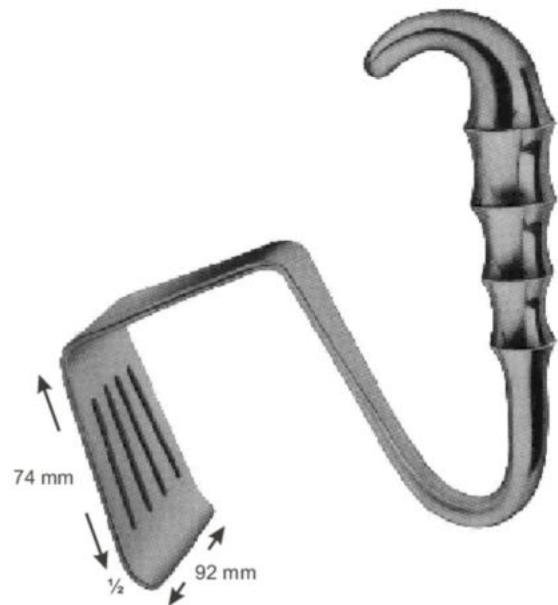
17-418 - 419  
BAILEY  
200 mm



SURGICAL INSTRUMENTS



**17-420**  
HARRINGTON-PEMBERTON  
federmd/flexible  
295 mm



**17-421**  
DAVIDSON  
Scalpel haken

SURGICAL INSTRUMENTS



17-422  
ALLISON  
255 mm



17-423  
ALLISON  
320 mm

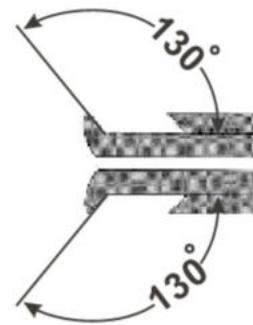
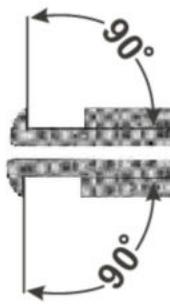
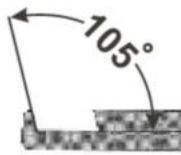


17-424  
DE BAKHEY  
With central bore,  
3.0mm diam.  
with lateral slots  
275 mm

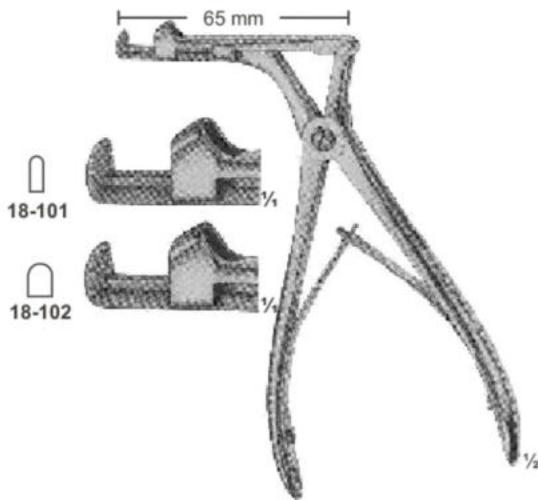


17-425  
YANKAUER  
With central bore,  
2.0mm diam.  
285 mm

SURGICAL INSTRUMENTS

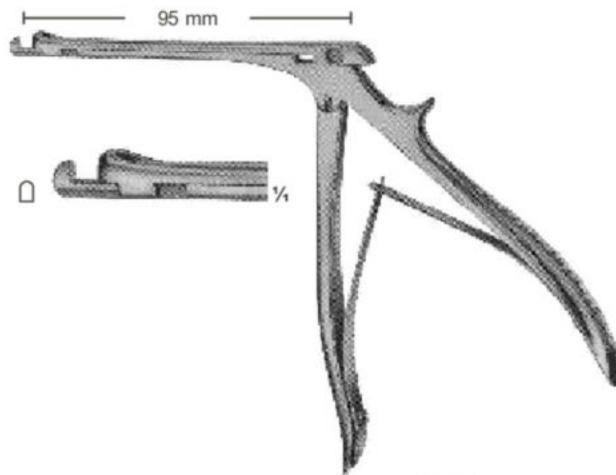


90° upwards cutting



18-101 - 102  
CITELLI  
2 mm, 3,5 mm

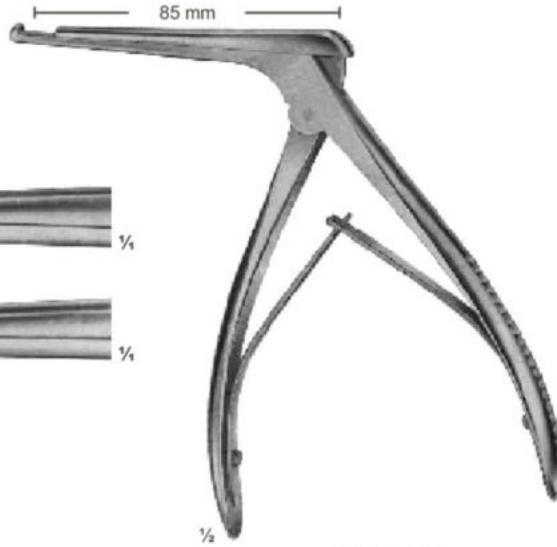
90° upwards cutting



18-103  
CITELLI-BEYER  
1,8 mm

SURGICAL INSTRUMENTS

90° upwards cutting



18-104  
4 mm



1/4

18-105  
5 mm

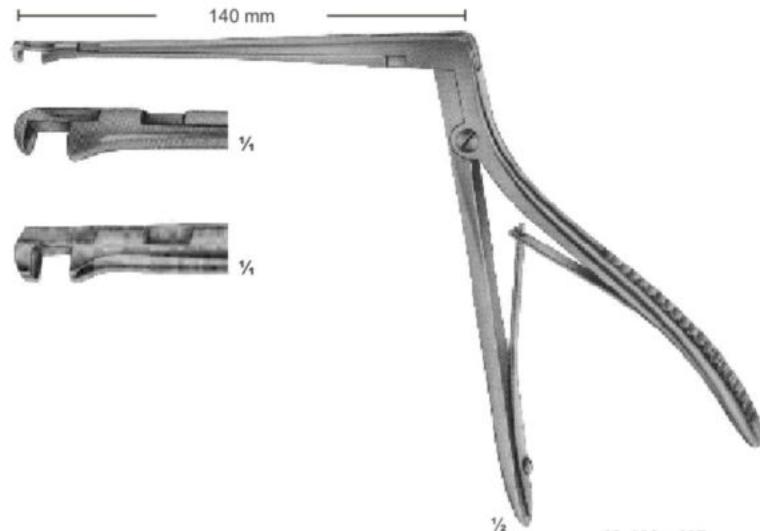


1/4

1/2

18-104 - 105  
KERRISON

90° upwards cutting



18-106  
3,3 mm



1/4

18-107  
4,0 mm



1/4

1/2

18-106 - 107  
HAJEK-KOFLER



SURGICAL INSTRUMENTS

130° upwards cutting

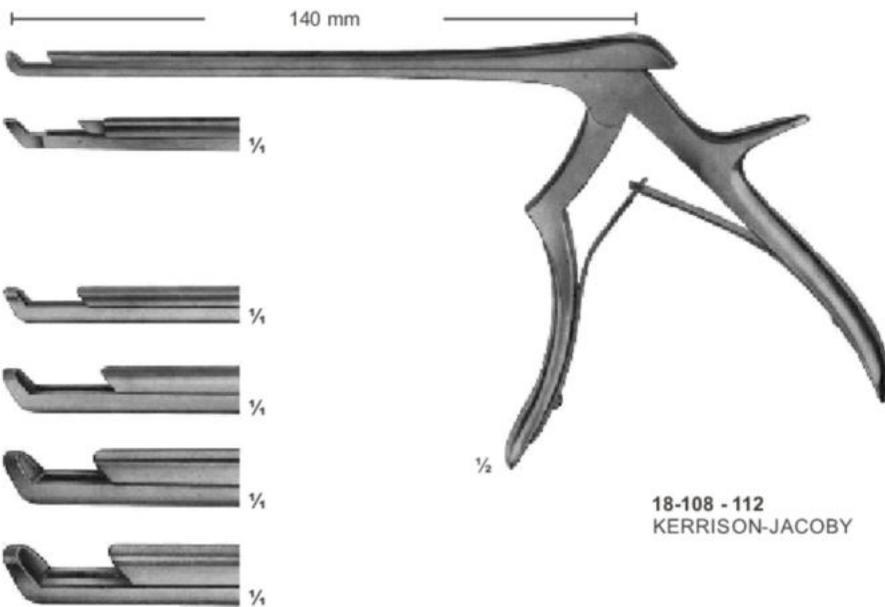
18-108  
1 mm 0

18-109  
2 mm □

18-110  
3 mm □

18-111  
4 mm □

18-112  
5 mm □



18-108 - 112  
KERRISON-JACOBY

90° upwards cutting

18-113  
1 mm 0

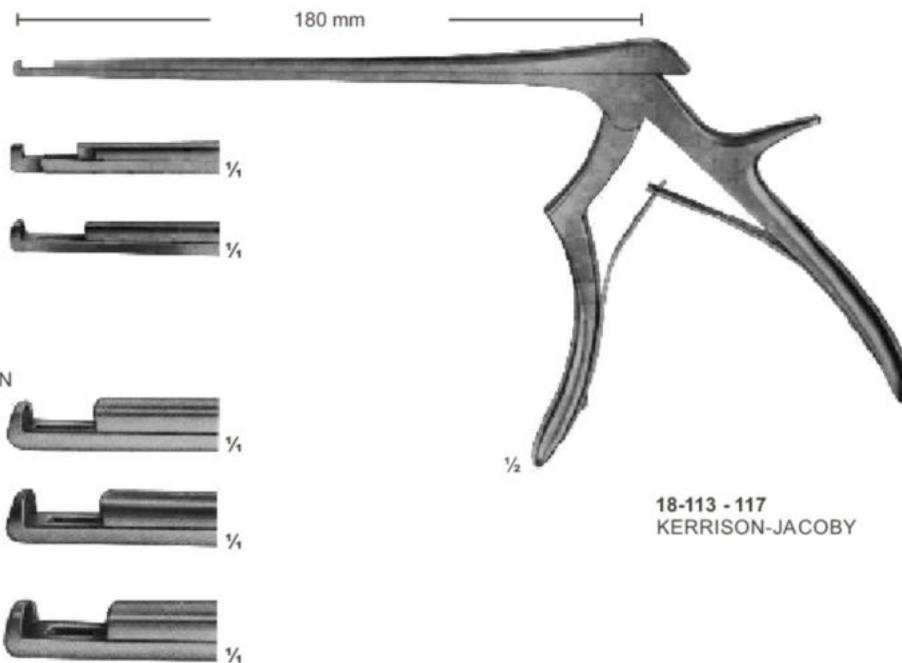
18-114  
2 mm □

FERRIS-SMITH-KERRISON

18-115  
3 mm □

18-116  
4 mm □

18-117  
5 mm □

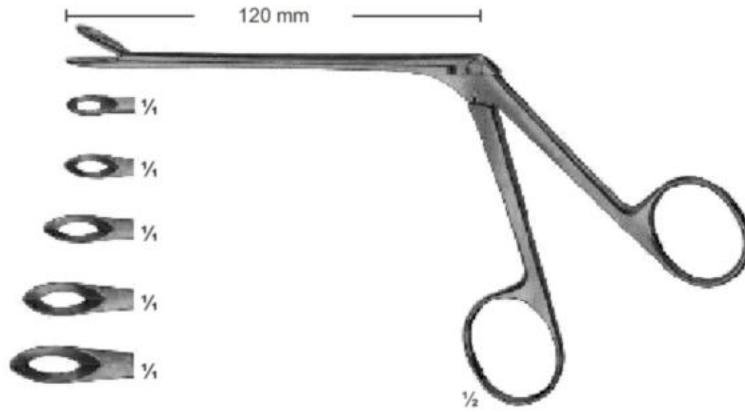


18-113 - 117  
KERRISON-JACOBY

SURGICAL INSTRUMENTS

Angled positions for rongeurs

- 18-118  
3,0 mm
- 18-119  
3,6 mm
- 18-120  
4,2 mm
- 18-121  
4,8 mm
- 18-122  
5,8 mm

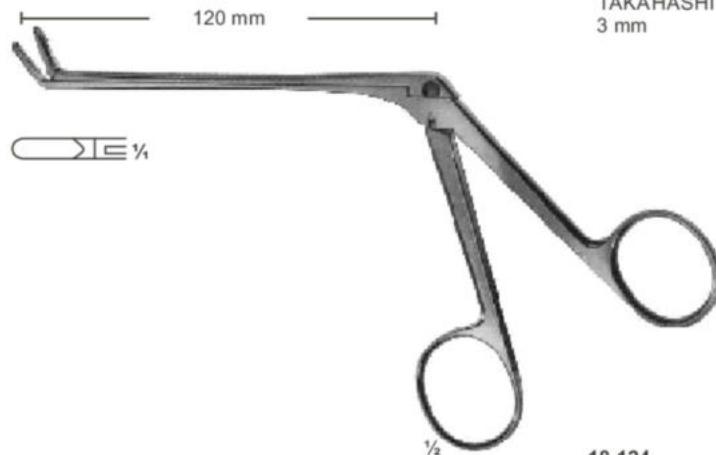


18-118 - 122  
WEIL-BLAKESLEY



18-123  
TAKAHASHI  
3 mm

130°



18-124  
TAKAHASHI  
3 mm

SURGICAL INSTRUMENTS

130 mm

18-125  
2 X 10 mm

18-126  
3 X 10 mm

18-127  
4 X 10 mm



18-125 - 127  
LOVE-GRUENWALD

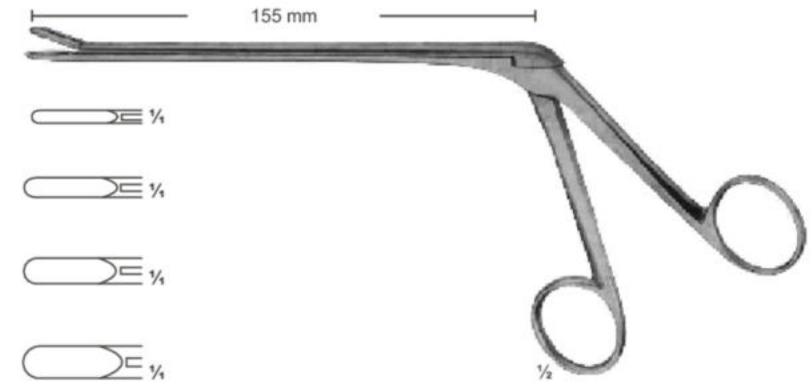
155 mm

18-128  
2 mm

18-129  
3 mm

18-130  
4 mm

18-131  
5 mm



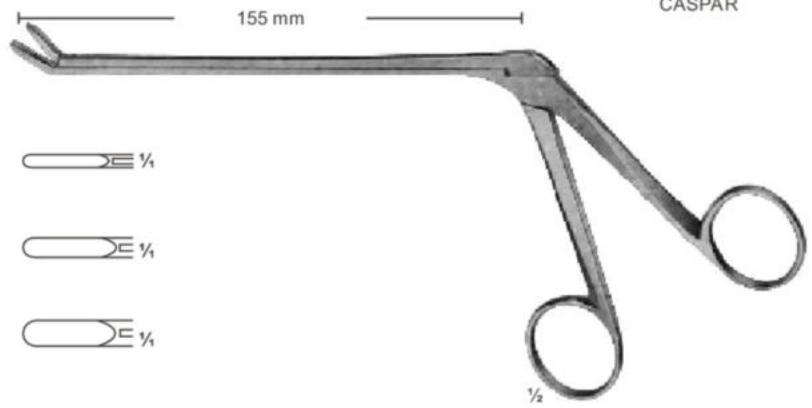
18-128 - 131  
CASPAR

155 mm

18-132  
2 mm

18-133  
3 mm

18-134  
4 mm



18-132 - 134  
CASPAR

SURGICAL INSTRUMENTS



155 mm

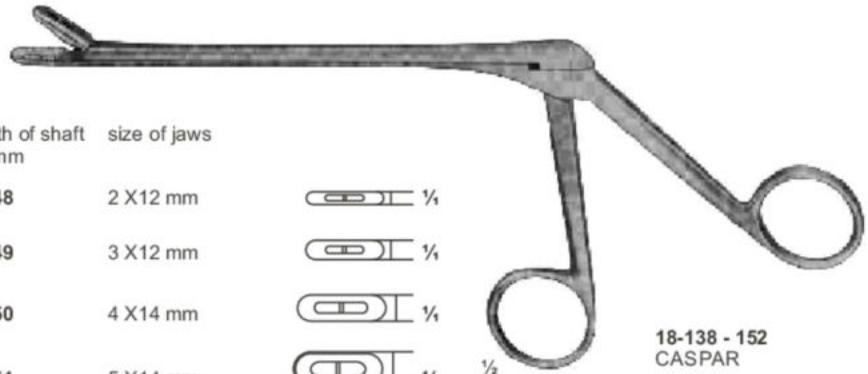
18-135  
2 mm

18-136  
3 mm

18-137  
4 mm

1/2

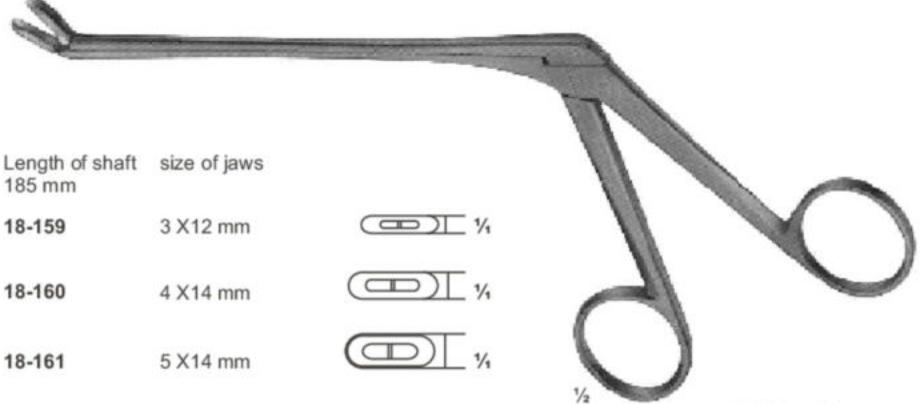
18-135 - 137  
CASPAR



Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
18-138	18-143	18-148	2 X12 mm
18-139	18-144	18-149	3 X12 mm
18-140	18-145	18-150	4 X14 mm
18-141	18-146	18-151	5 X14 mm
18-142	18-147	18-152	6 X16 mm

1/2

18-138 - 152  
CASPAR



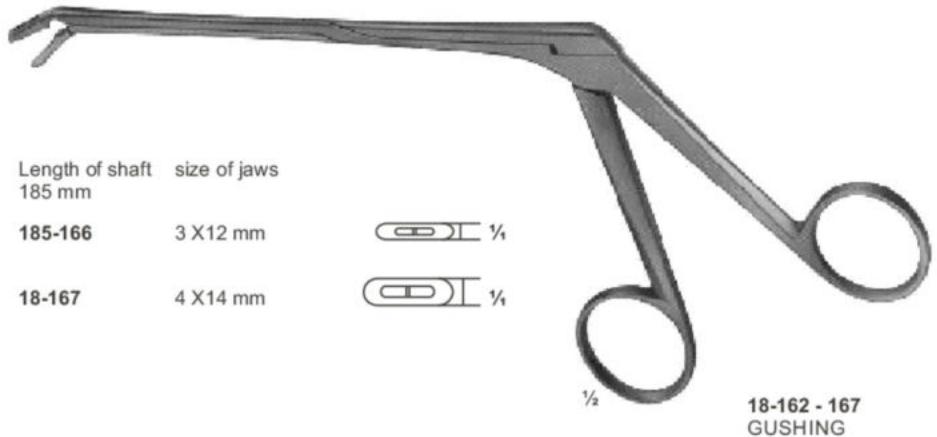
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
18-153	18-156	18-159	3 X12 mm
18-154	18-157	18-160	4 X14 mm
18-155	18-158	18-161	5 X14 mm

1/2

18-153 - 161  
CASPAR

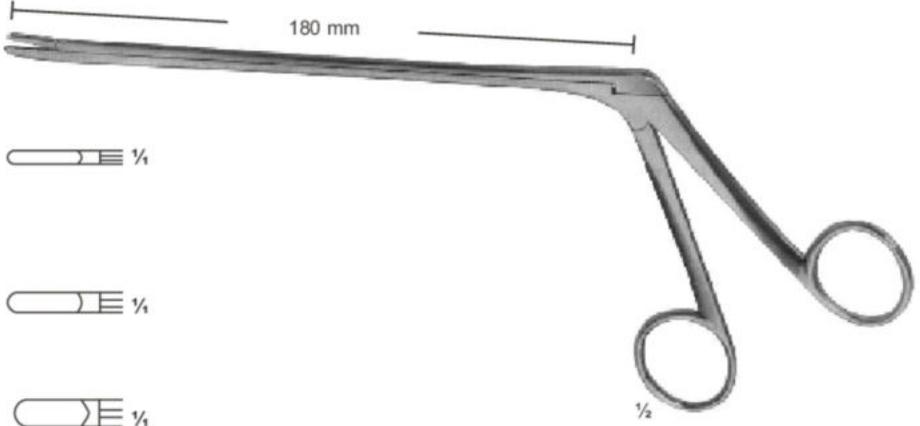
SURGICAL INSTRUMENTS

Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
18-162	18-164	185-166	3 X 12 mm
18-163	18-165	18-167	4 X 14 mm



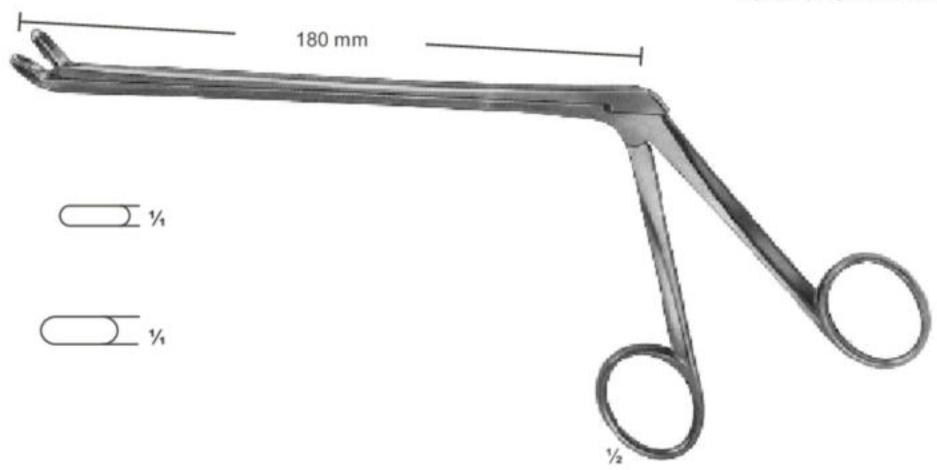
18-162 - 167  
GUSHING

- 18-168  
2 X 10 mm  
GUSHING
- 18-169  
3 X 10 mm  
LOVE-GRUENWALD
- 18-170  
4 X 10 mm  
SPURLING



18-168 - 170  
LOVE-GRUENWALD

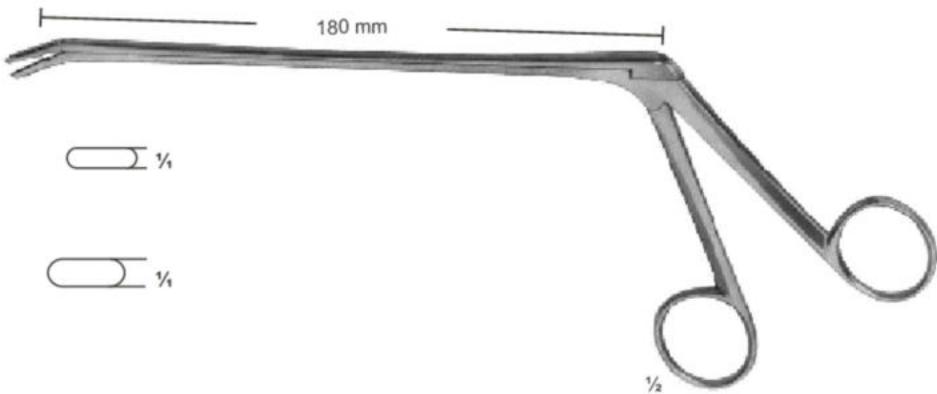
- 18-171  
3 X 10 mm  
LOVE-GRUENWALD
- 18-172  
4 X 10 mm  
SPURLING



18-171 - 172  
LOVE-GRUENWALD

SURGICAL INSTRUMENTS

18-173  
3 X 10 mm  
LOVE-GRUENWALD

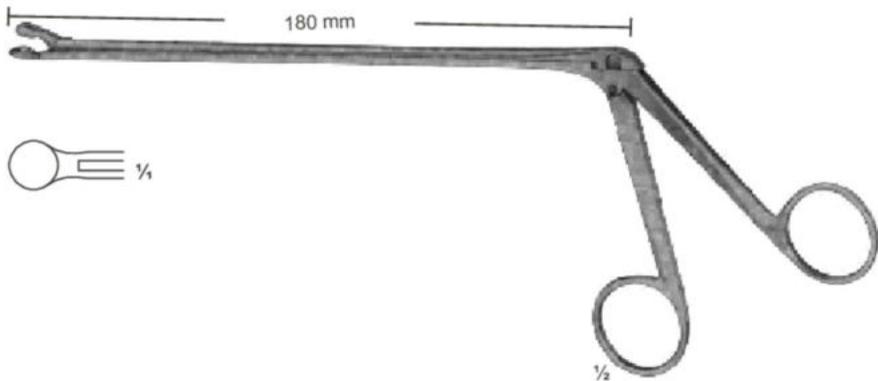


18-174  
4 X 10 mm  
SPURLING



18-173 - 174  
LOVE-GRUENWALD

18-175  
7 mm



18-175  
OLDBERG

18-176  
YASARGIL  
2,2 mm

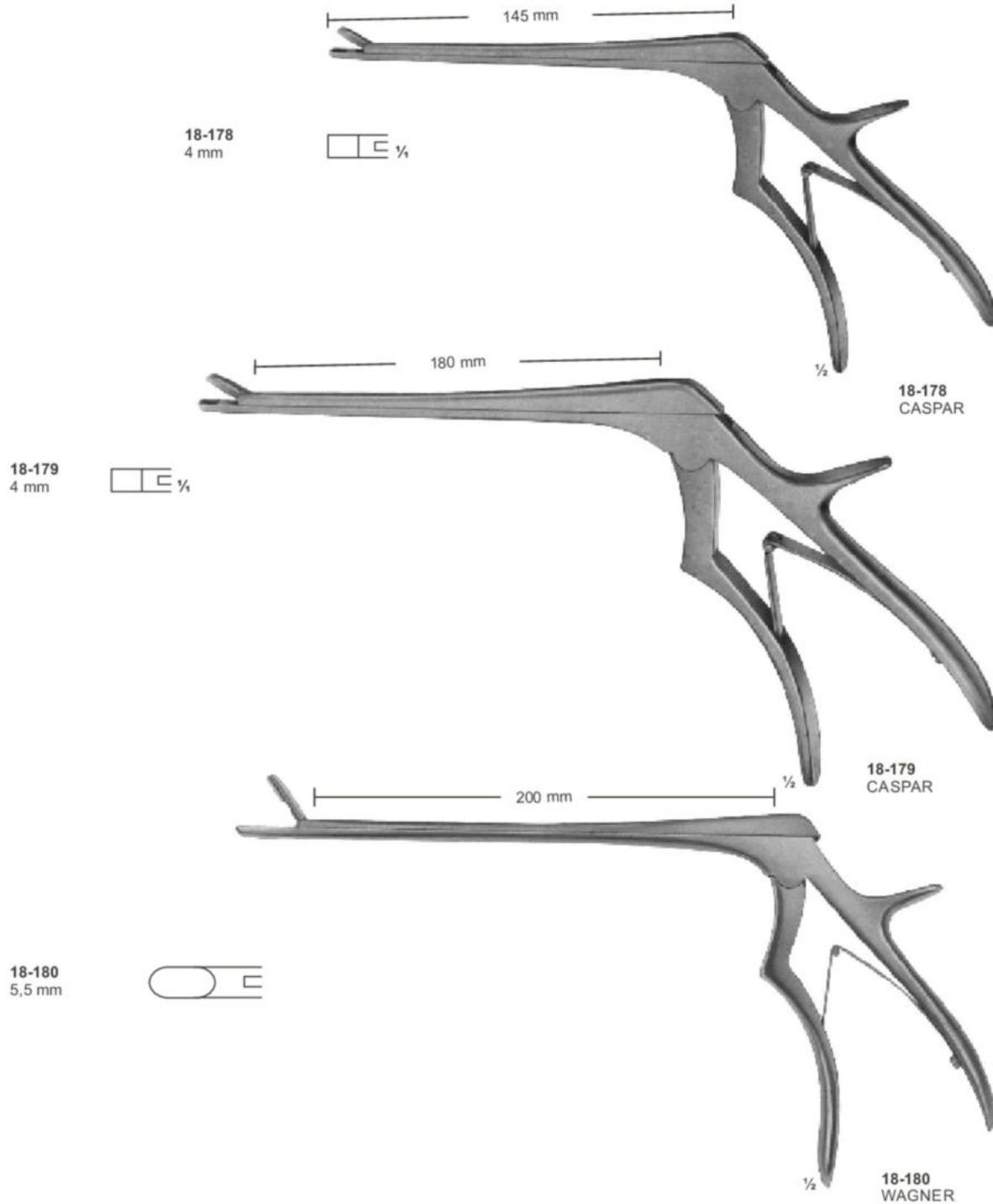


18-177  
YASARGIL  
3,5 mm

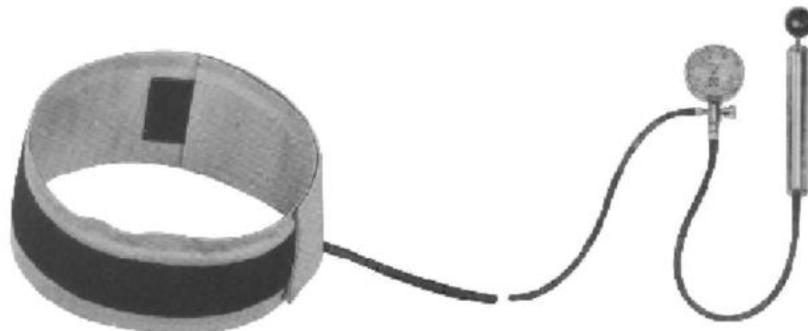


18-176 - 177

SURGICAL INSTRUMENTS



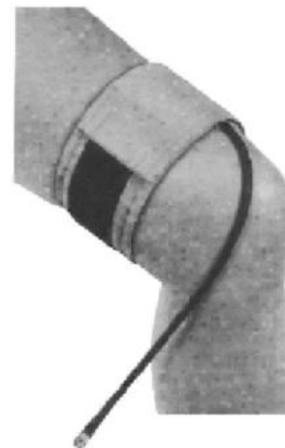
SURGICAL INSTRUMENTS



**19-101**  
Comprimeter. Compression apparatus for producing exsanguination in the extremities. Manometer registers up to 600 mm Hg. Complete, consisting of :  
**19-101** 2 Pump with manometer  
**19-102** 3 Cuff for the leg  
**19-103** 14 Cuff for the upper arm



**19-104** 3 Cuff for the leg  
**19-105** 4 Cuff for the lower arm  
**19-106** 5 Cuff for children  
**19-107** 14 Cuff for the upper arm



**19-108**  
ESMARCH  
Staubinde  
Compression bandage  
5 m lang/long



**19-109**  
ESMARCH  
Stauschlauch  
Compression tube  
1 m lang/long

SURGICAL INSTRUMENTS



**19-110**  
Length of blades  
Phalangeal knife  
105 mm



**19-111**  
Length of blades  
Interosseous knife  
110 mm



**19-112**  
Length of blades  
Periosteum knife  
with raspatory  
65 mm



**19-113 - 114**  
LANGENBECK  
Length of blades  
Resection knives  
55 mm

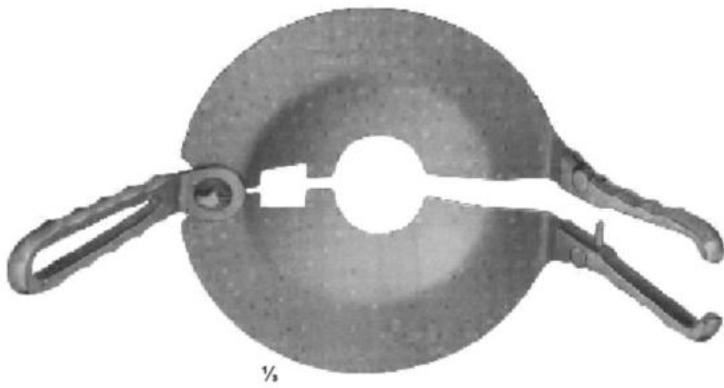


19-113



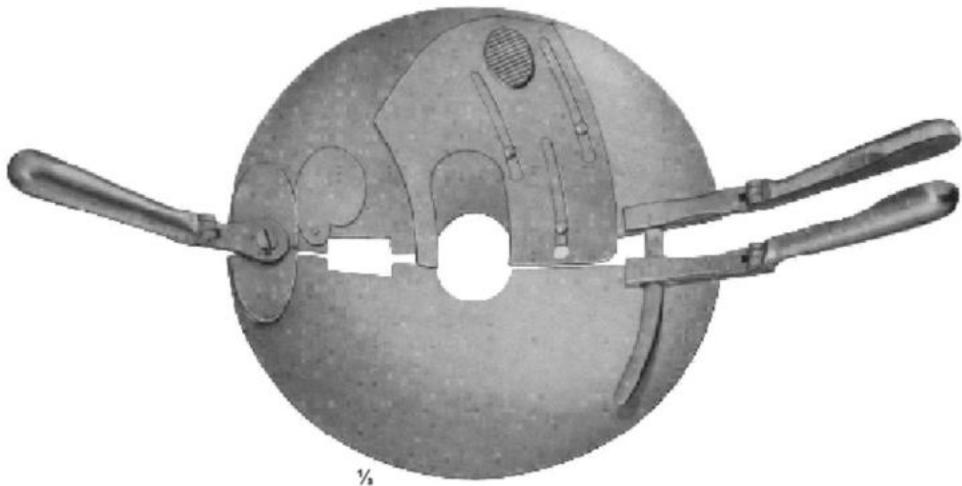
19-114

SURGICAL INSTRUMENTS



¼

**19-115**  
PERCY  
removeable handles



¼

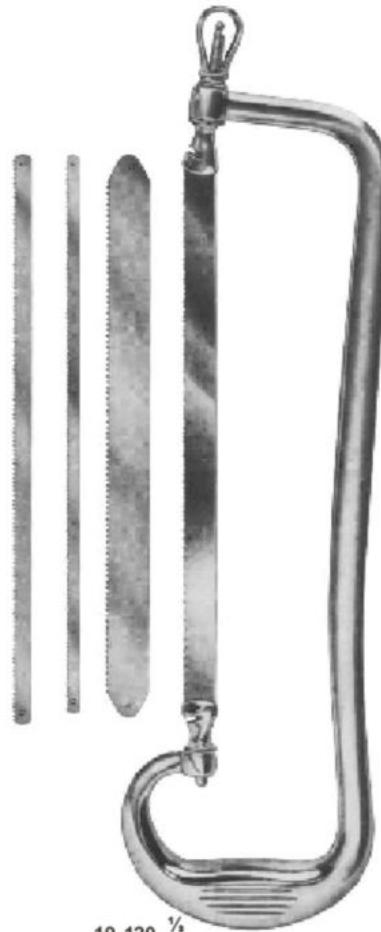
**19-116**  
PERCY  
reversible handles



SURGICAL INSTRUMENTS



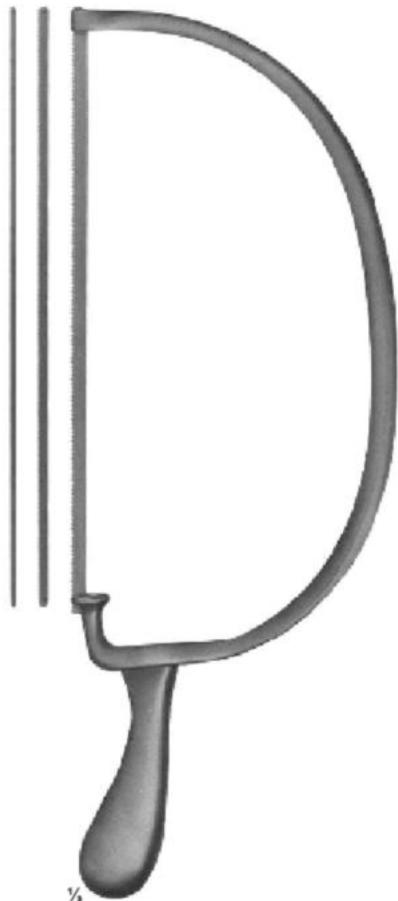
19-117  
**CHARRIÈR**  
 Length of blade  
 215 mm  
 complete with one saw  
 blade each  
 350 mm  
 Spare saw blades, carbon steel  
 19-118 12 mm  
 19-119 20 mm



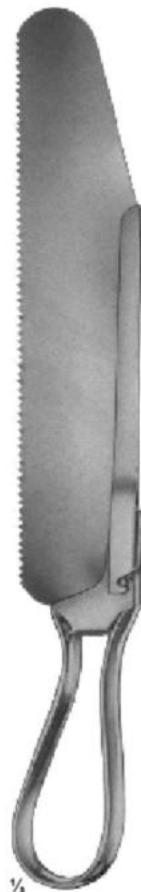
19-120 <sup>1</sup>/<sub>4</sub>  
**RUST**  
 Length of blade  
 235 mm  
 complete with one saw  
 blade each  
 390 mm  
 19-121 Bow only  
 Spare saw blades, carbon steel  
 19-122 6 mm  
 19-123 8 mm  
 19-124 12 mm



SURGICAL INSTRUMENTS



1/4  
**19-126**  
 BIER  
 Length of blade  
 270 mm  
 complete with one saw  
 blade each  
 420 mm  
 Spare saw blades, carbon steel  
**19-127** 4 mm  
**19-128** 6 mm  
**19-129** 8 mm



1/4  
**19-130**  
 CHARRIERE  
 Length of blade  
 180 mm  
 Spare saw blades,  
 carbon steel  
 270 mm  
**19-131**  
 CHARRIERE  
 Length of blade  
 240 mm  
 Spare saw blades,  
 carbon steel  
 340 mm



1/4  
**19-132**  
 SATTERLEE  
 Length of blade  
 200 mm  
 Spare saw blades,  
 carbon steel  
 290 mm



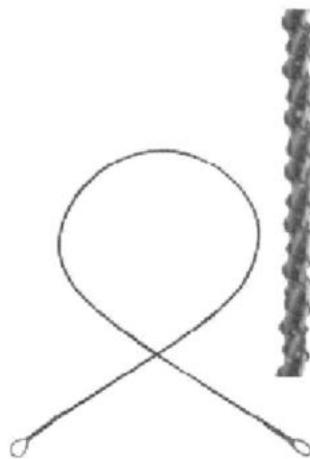
1/4  
**19-133**  
 LANGENBACK  
 Length of blade  
 115 mm  
 Metacarpal saw  
 235 mm



SURGICAL INSTRUMENTS



**OLIVECRONA**  
 19-134 300 mm  
 19-135 400 mm  
 19-136 500 mm  
 19-137 700 mm



**GIGLI**  
 19-138 300 mm  
 19-139 400 mm  
 19-140 500 mm  
 fine, 6 wires twisted  
 19-141  
 coarses, 4 wires twisted

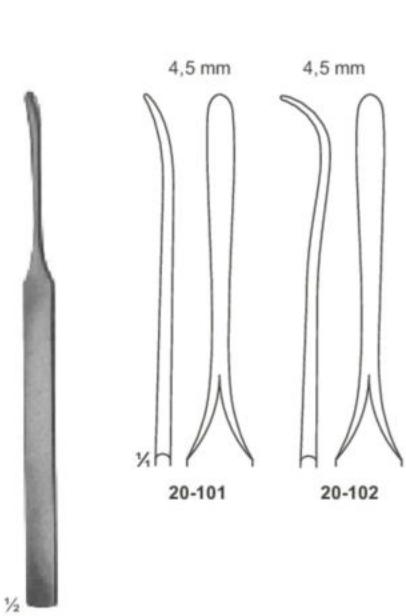


1/4  
**19-142**  
 GIGLI  
 Handle

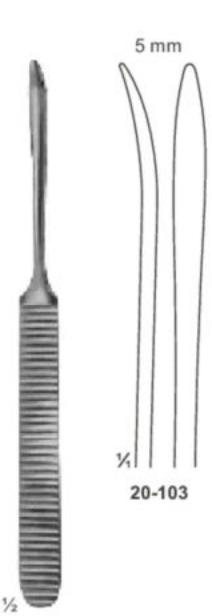


1/2  
**19-143**  
 LEBSCHE  
 Conductor for  
 wire saws, malleable  
 250 mm

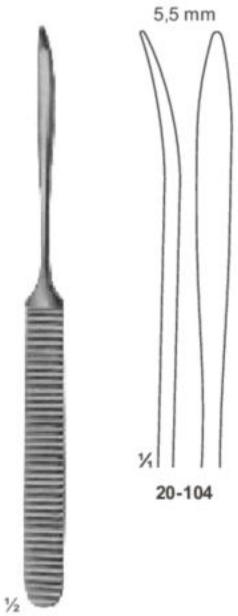
SURGICAL INSTRUMENTS



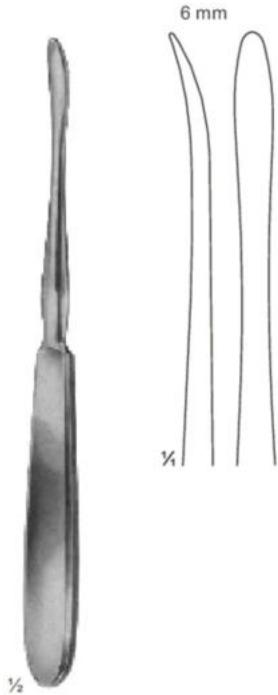
20-101 - 102  
KONIG  
155 mm



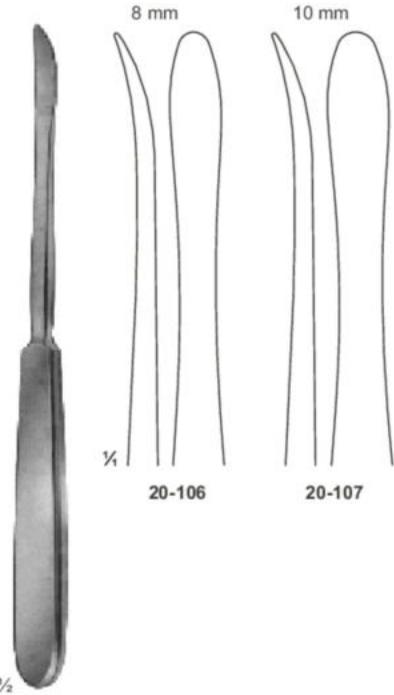
20-103  
WILLIGER  
165 mm



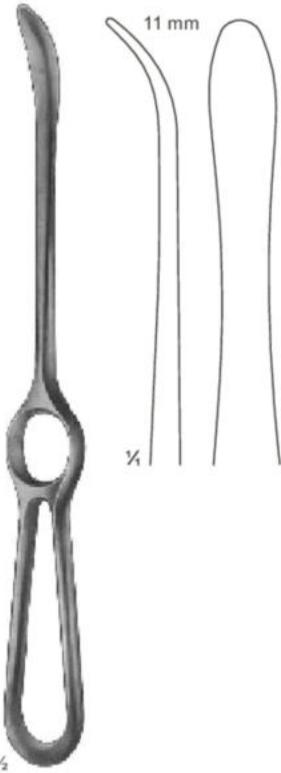
20-104  
WILLIGER  
170 mm



20-105  
QUERVAIN  
195 mm

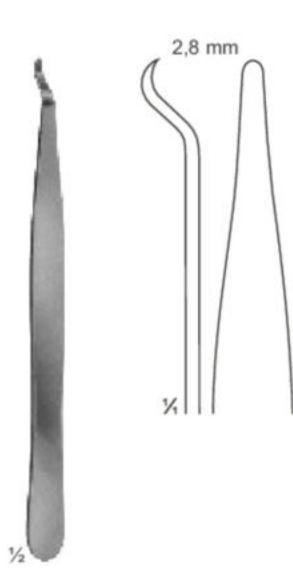


20-106 - 107  
LANGENBACK  
195 mm

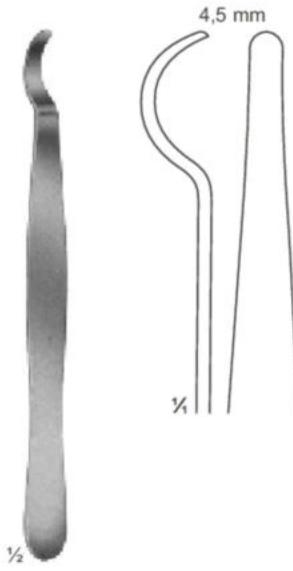


20-108  
LANGENBACK  
230mm

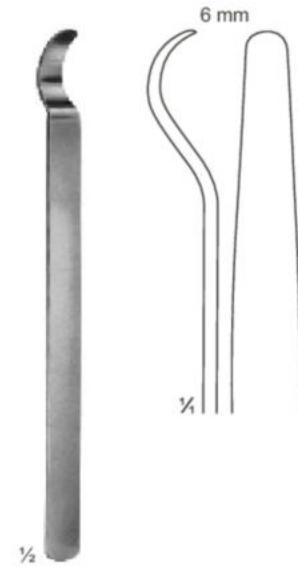
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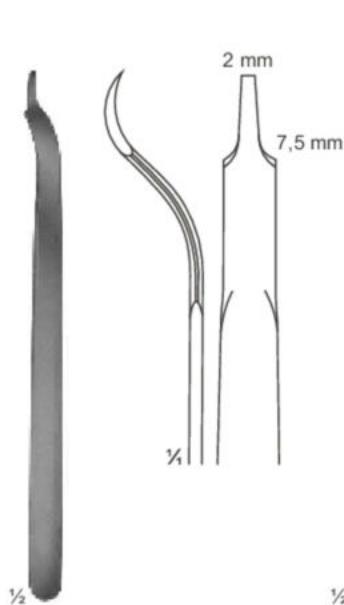
20-109  
140mm



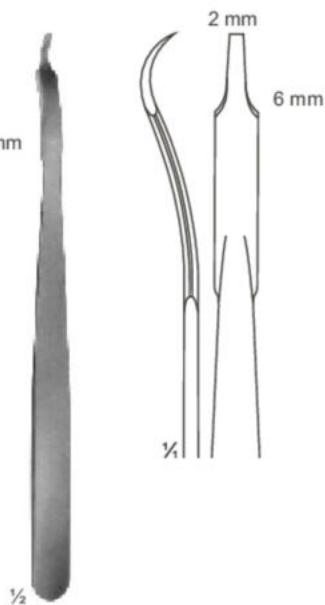
20-110  
150mm



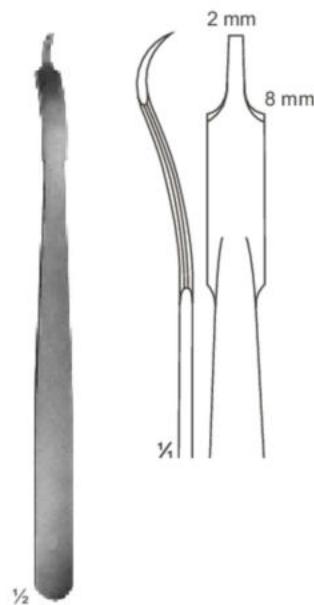
20-111  
150mm



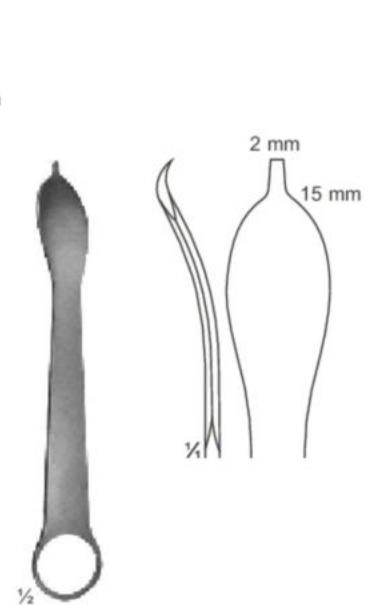
20-112  
BUCK-GRAMCKO  
150mm



20-113  
160mm



20-114  
160mm



20-115  
125mm

SURGICAL INSTRUMENTS



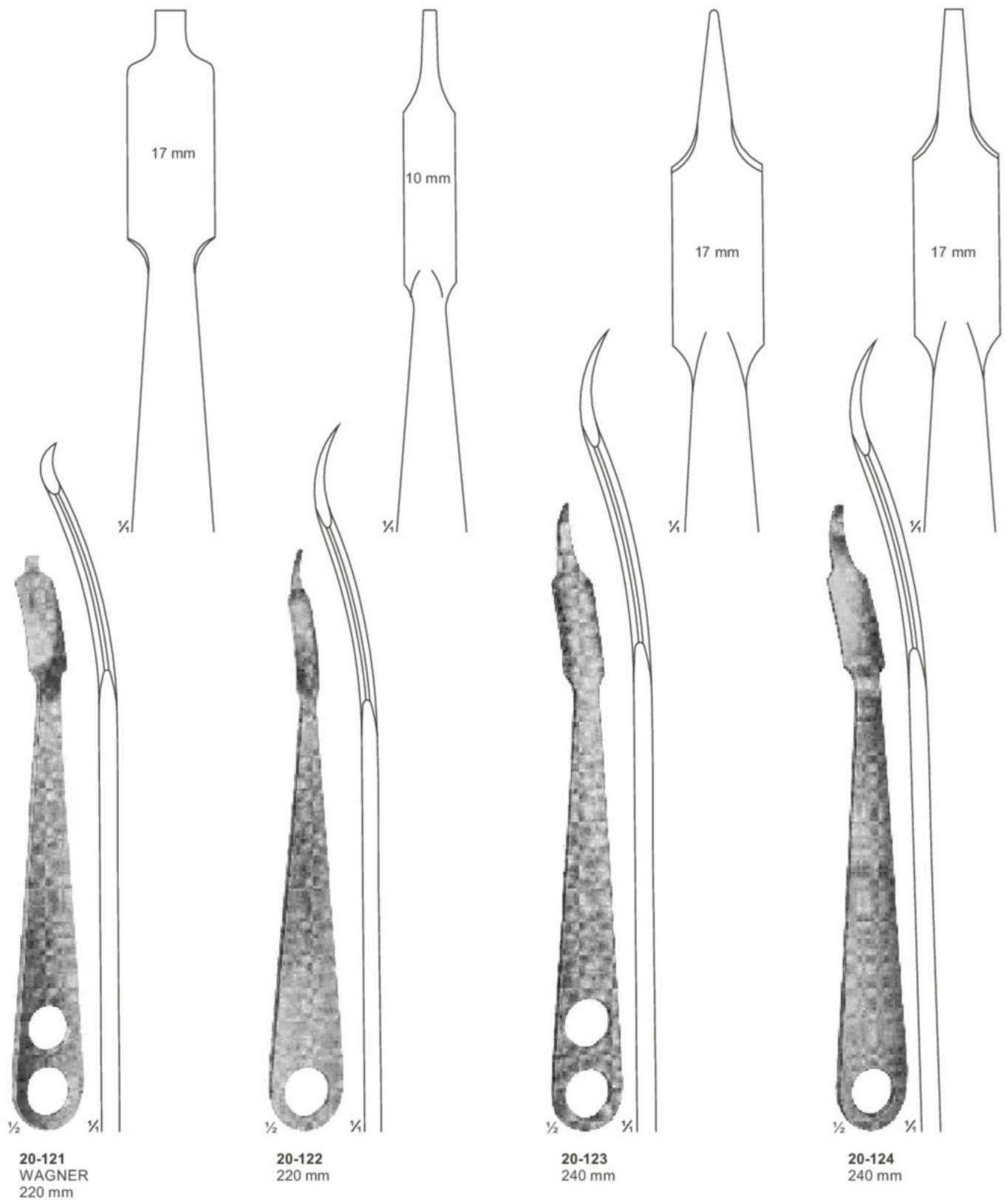
20-116  
LANE TRETOWAN  
215mm

20-117  
LANE  
255mm

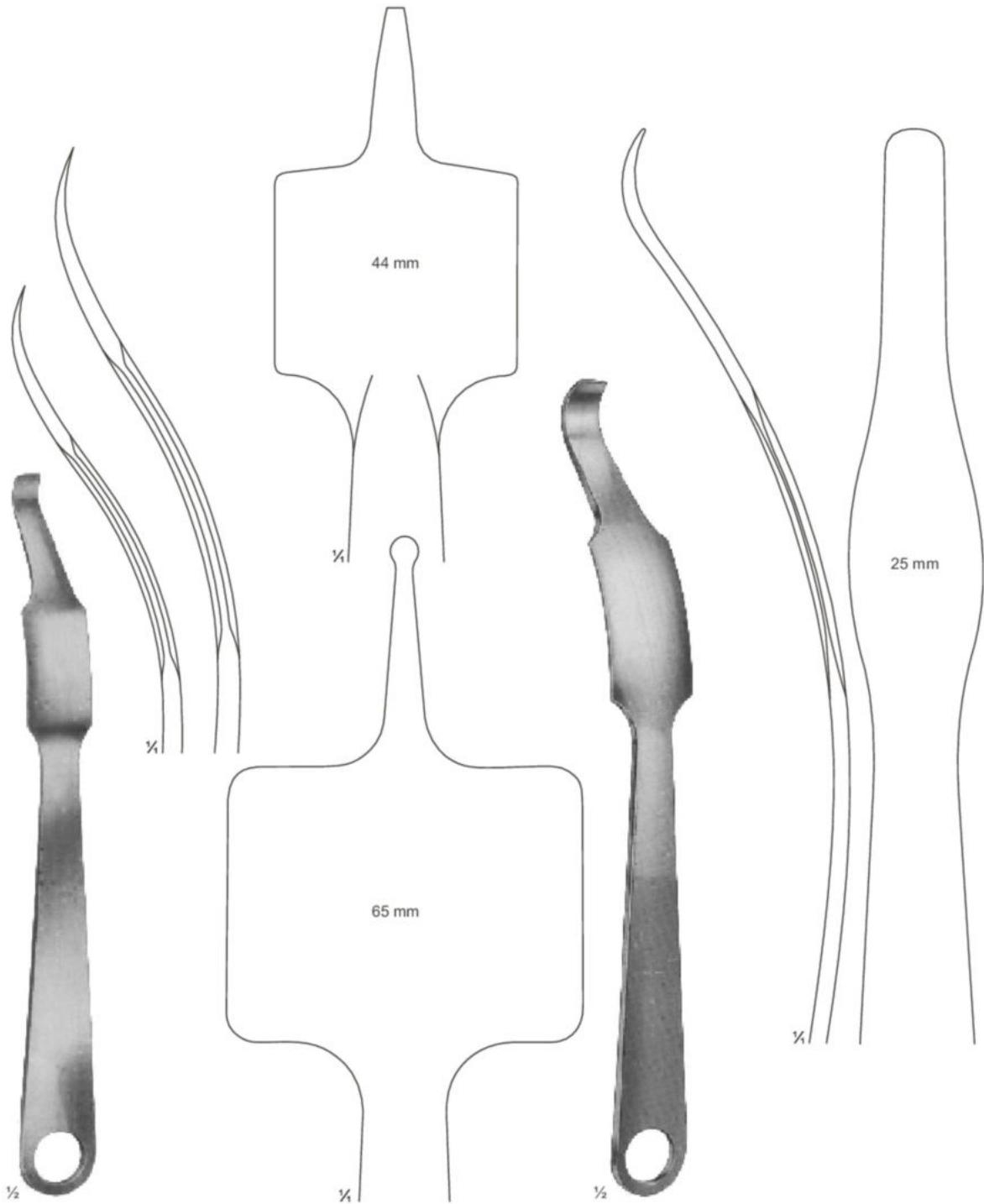
20-118  
LANGE-HOHMANN  
250mm

20-119 - 120  
LANGE-HOHMANN  
20-119 265mm  
20-120 280mm

SURGICAL INSTRUMENTS



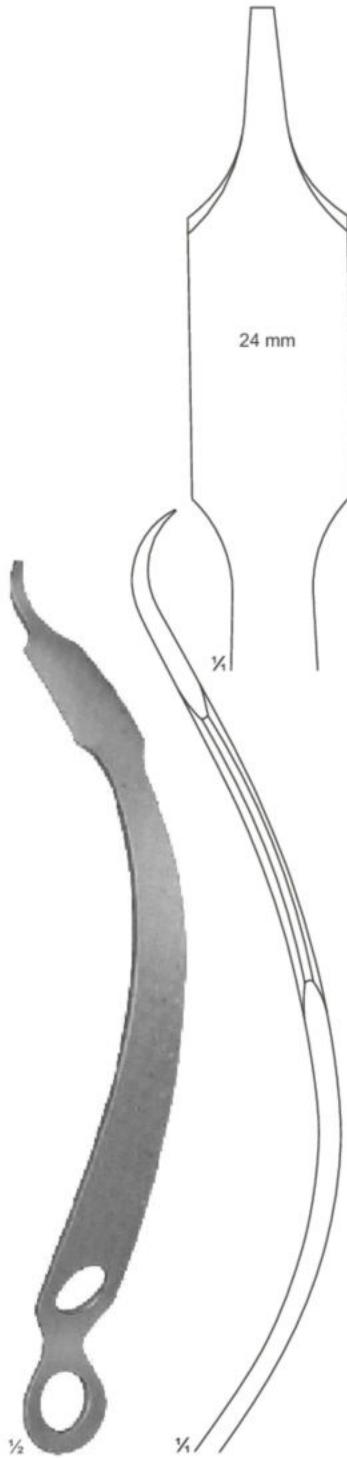
SURGICAL INSTRUMENTS



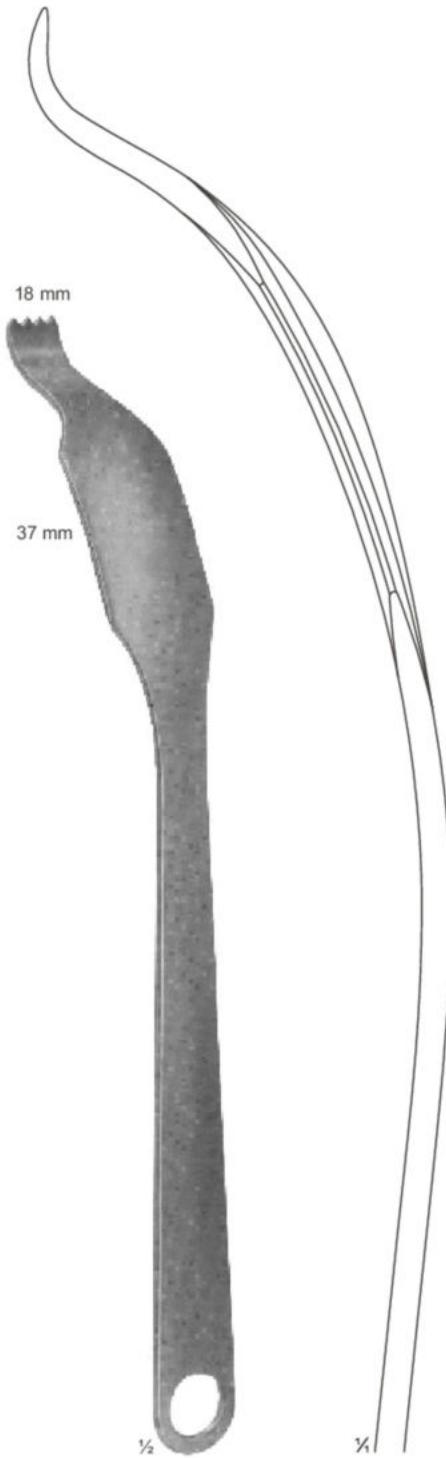
20-125 - 126  
 VERBRUGGE-MULLER  
 20-125 240 mm  
 20-126 255 mm

20-127  
 260 mm

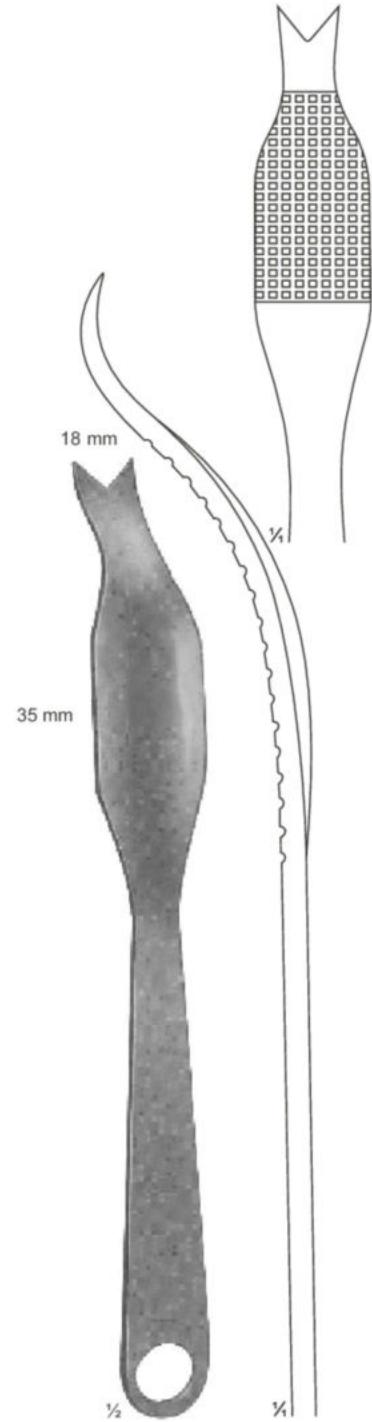
SURGICAL INSTRUMENTS



**20-128**  
HOHMANN-ALDINGER  
270 mm



**20-129**  
SCHUMACHER mod. WAGNER  
345 mm



**20-130**  
SCHUMACHER  
290 mm

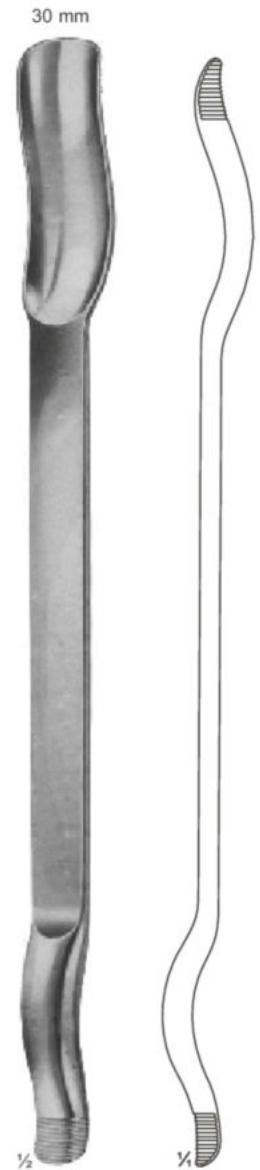
SURGICAL INSTRUMENTS



**20-131**  
**TAGER**  
 Bone lever for  
 angle joint operations  
 175 mm

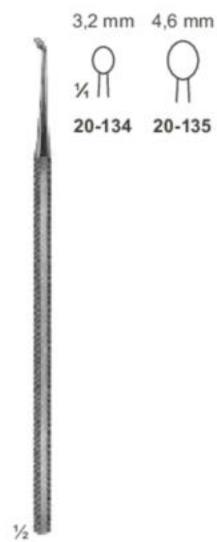


**20-132**  
**BENNETT**  
 235 mm

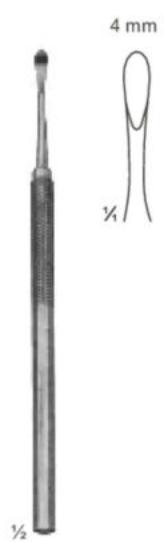


**20-133**  
**MURPHY-LANE**  
 Luxation lever  
 340 mm

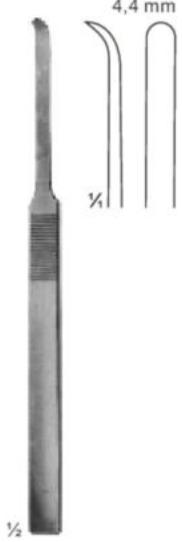
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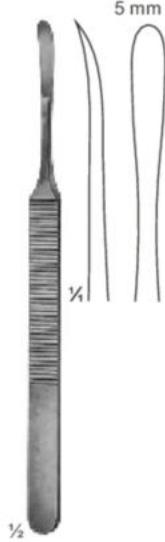
20-134 - 135  
PARTSCH  
150 mm



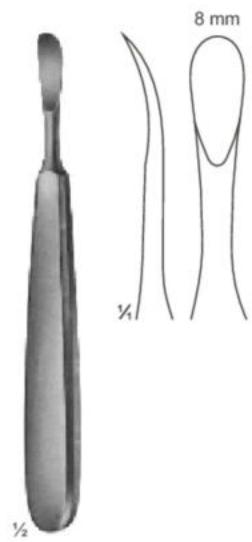
20-136  
PARTSCH mod. LANGE  
145 mm



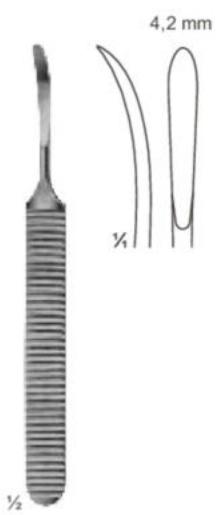
20-137  
MC KENTY  
155 mm



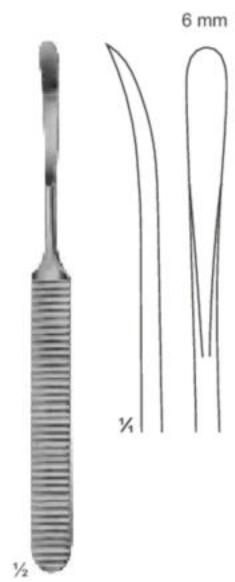
20-138  
KONIG  
155 mm



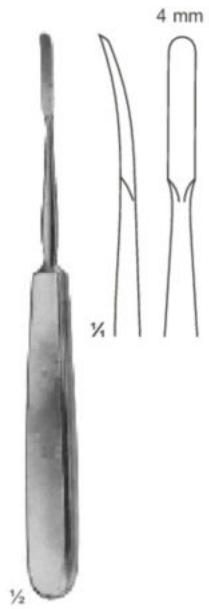
20-139  
TRELAT  
150 mm



20-140  
WILLIGER  
140 mm

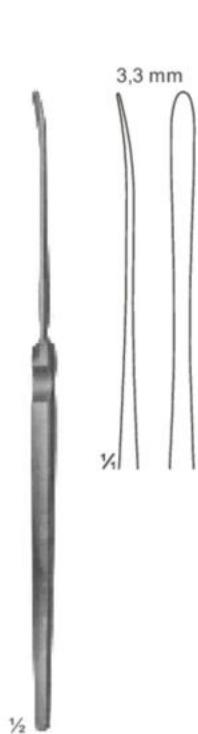


20-141  
WILLIGER  
160 mm

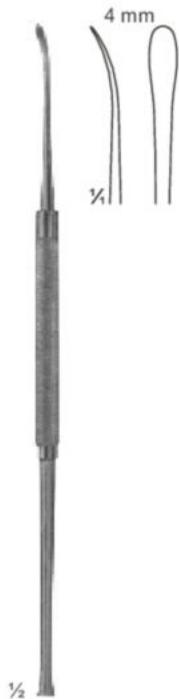


20-142  
JOSEPH  
170 mm

SURGICAL INSTRUMENTS



20-143  
HALLÉ  
stumpf/blunt  
180 mm



20-144  
FREER  
stumpf/blunt  
190 mm



20-145  
FREER  
stumpf/sharp  
190 mm



20-146  
SEWALL  
stumpf/blunt  
190 mm



20-147 - 149  
PAULSEN  
205 mm



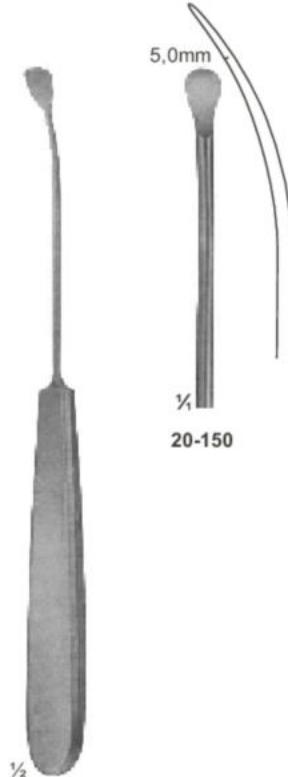
20-147



20-148



20-149



20-150 - 151  
PAULSEN  
205 mm

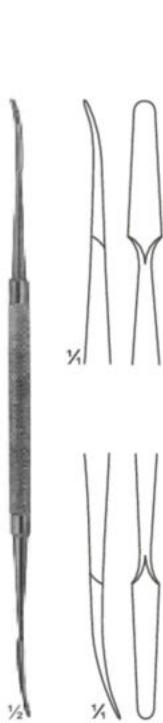


20-150

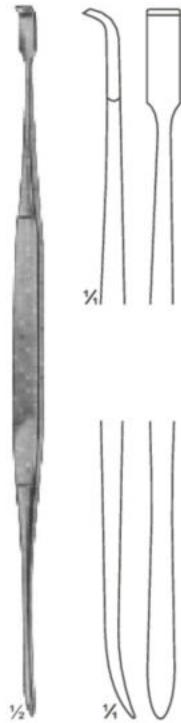


20-151

SURGICAL INSTRUMENTS



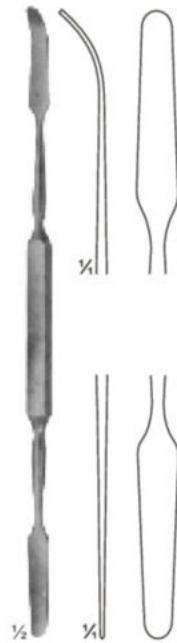
**20-152**  
KILLIAN  
sharp/blunt  
185 mm



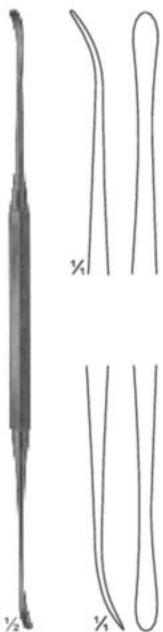
**20-153**  
HOWARTH  
sharp/blunt  
215 mm



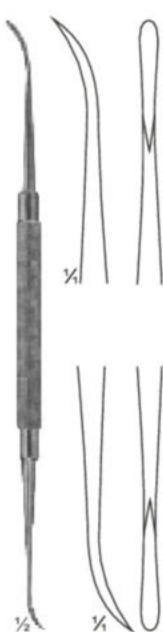
**20-154**  
KILLIAN  
sharp/blunt  
185 mm



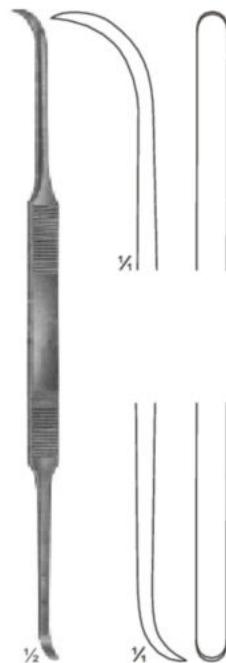
**20-155**  
MAC DONALD  
blunt/blunt  
185 mm



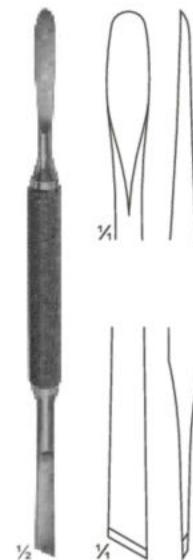
**20-156**  
FREER  
sharp/blunt  
185 mm



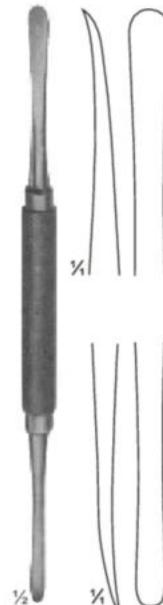
**20-157**  
FREER-YASARGIL  
sharp/sharp  
185 mm



**20-158**  
COTTLE  
sharp/sharp  
200 mm



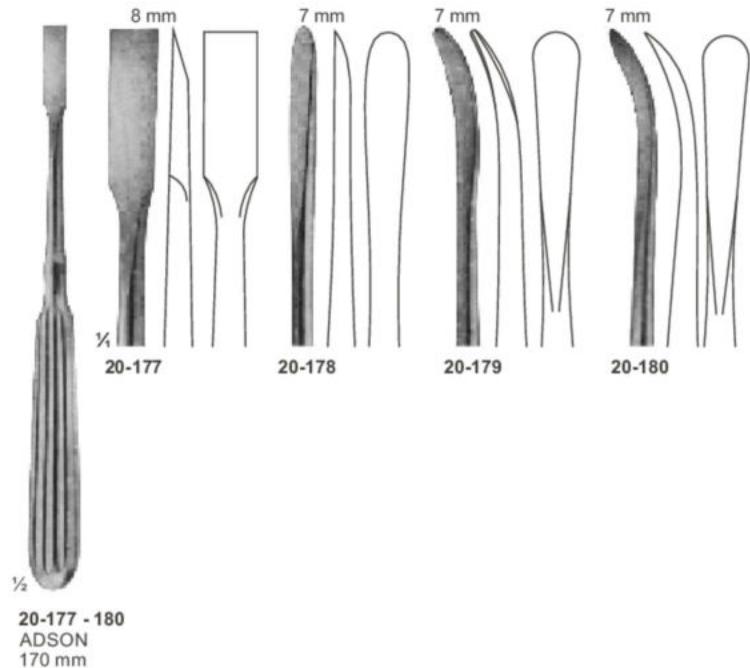
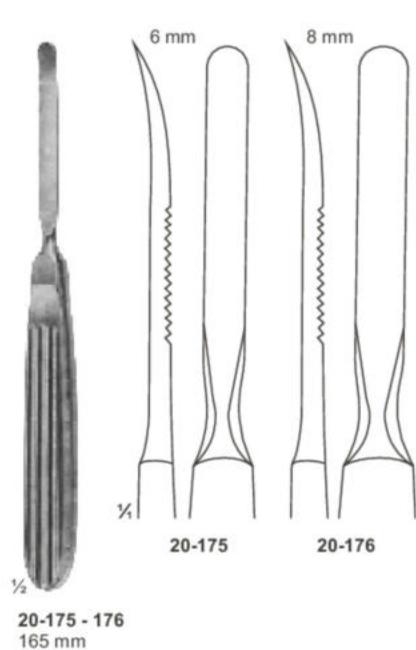
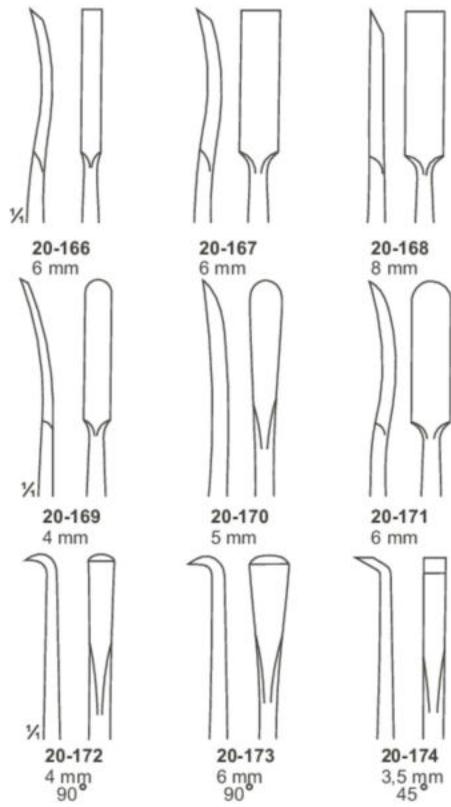
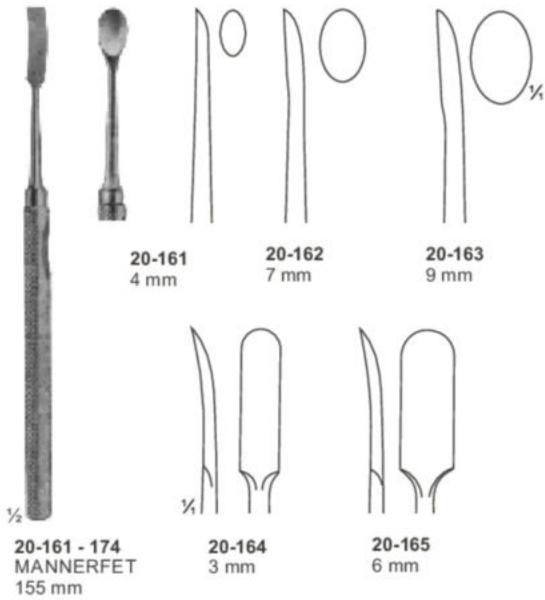
**20-159**  
MEAD  
sharp/sharp  
165 mm



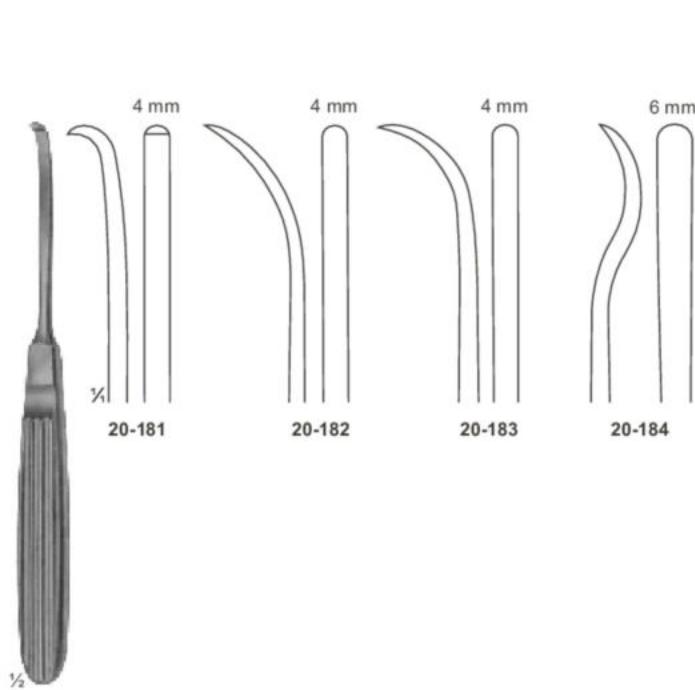
**20-160**  
MOLT  
sharp/sharp  
180 mm



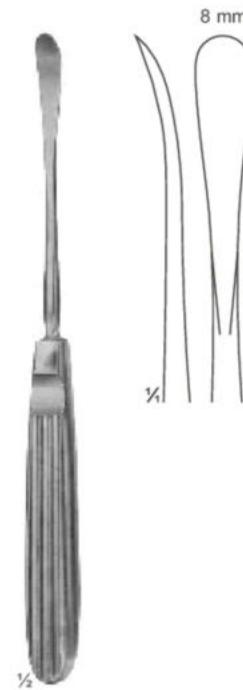
SURGICAL INSTRUMENTS



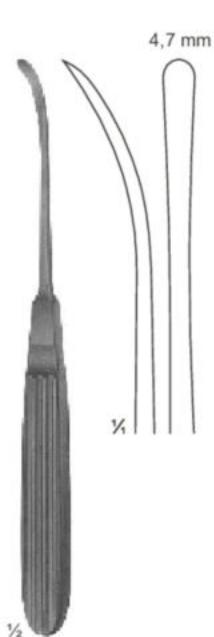
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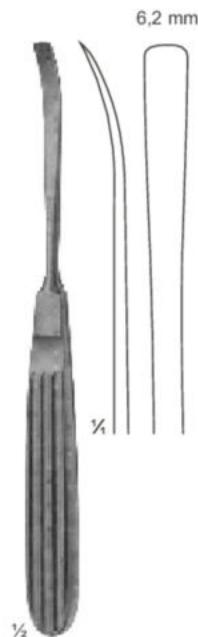
20-181 - 184  
MUHLING  
170 mm



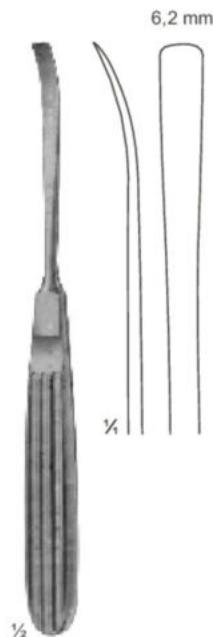
20-185  
COTTLE  
175 mm



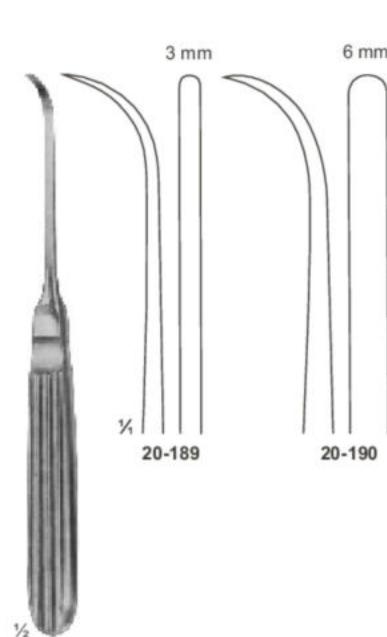
20-186  
LANDOT  
175 mm



20-187  
CASPER  
180 mm

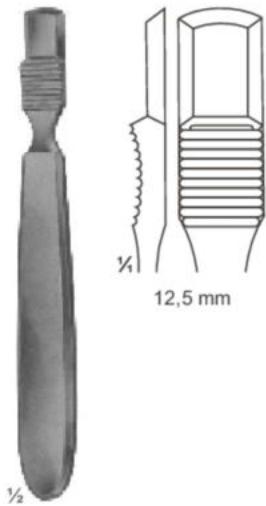


20-188  
CASPER  
180 mm

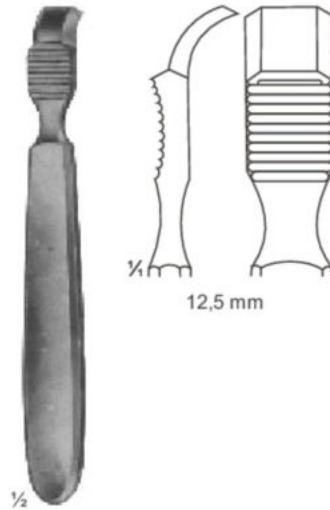


20-189 - 190  
170 mm

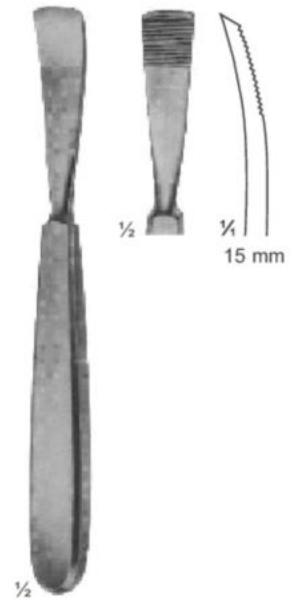
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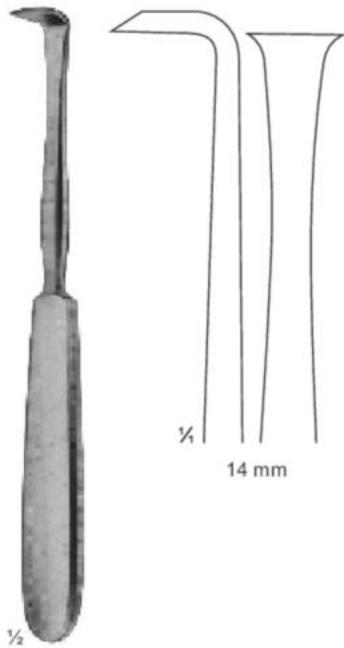
20-191  
FARABEU  
140 mm



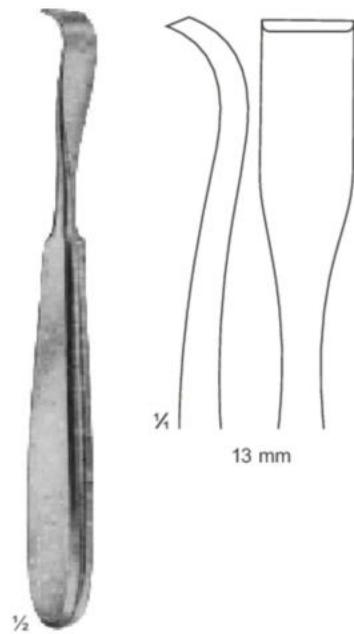
20-192  
FARABEU  
140 mm



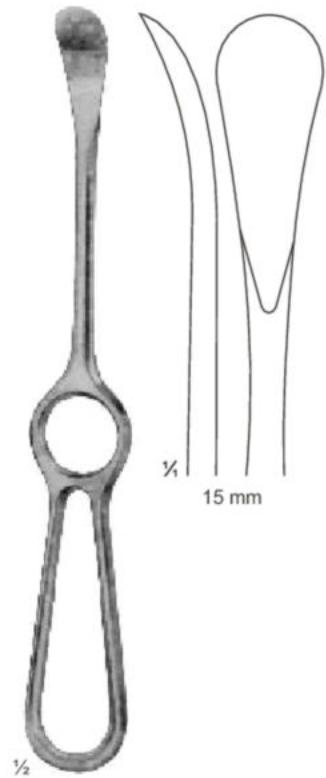
20-193  
JANSEN  
165 mm



20-194  
LANGENBACK  
180 mm

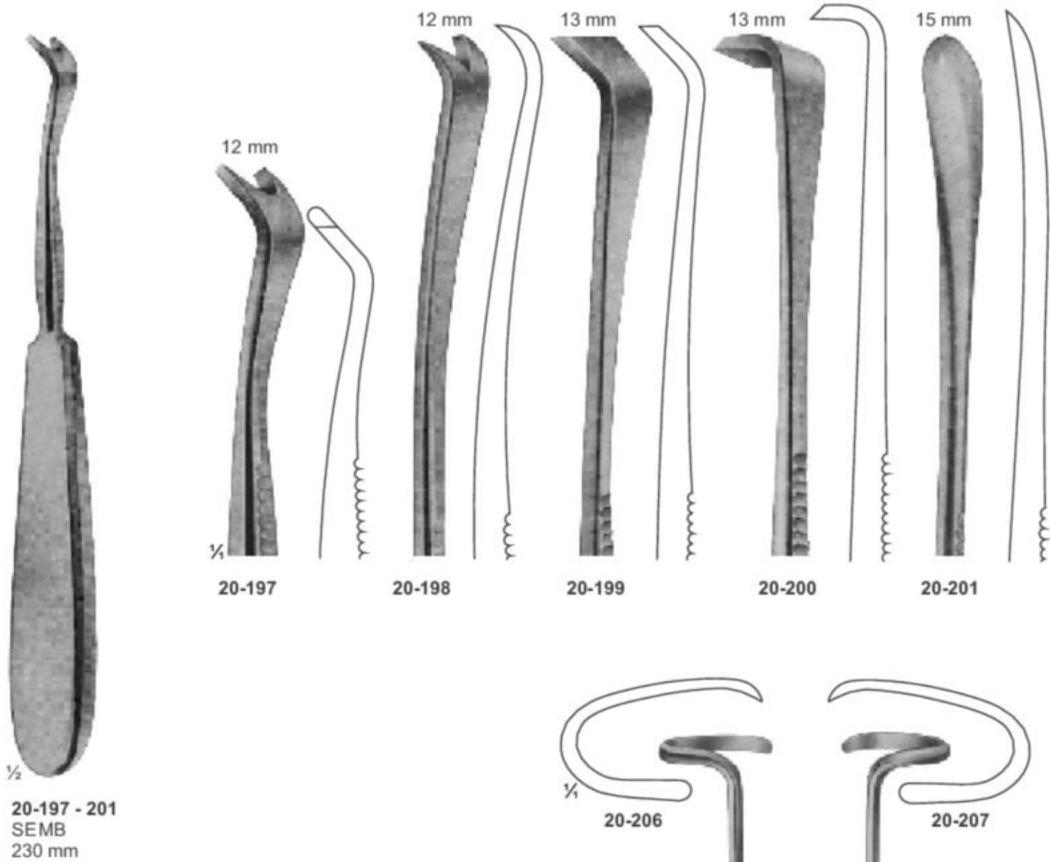


20-195  
SCHNEIDER  
175 mm



20-196  
SEDILLOT  
215 mm

SURGICAL INSTRUMENTS



20-197 - 201  
SEMB  
230 mm



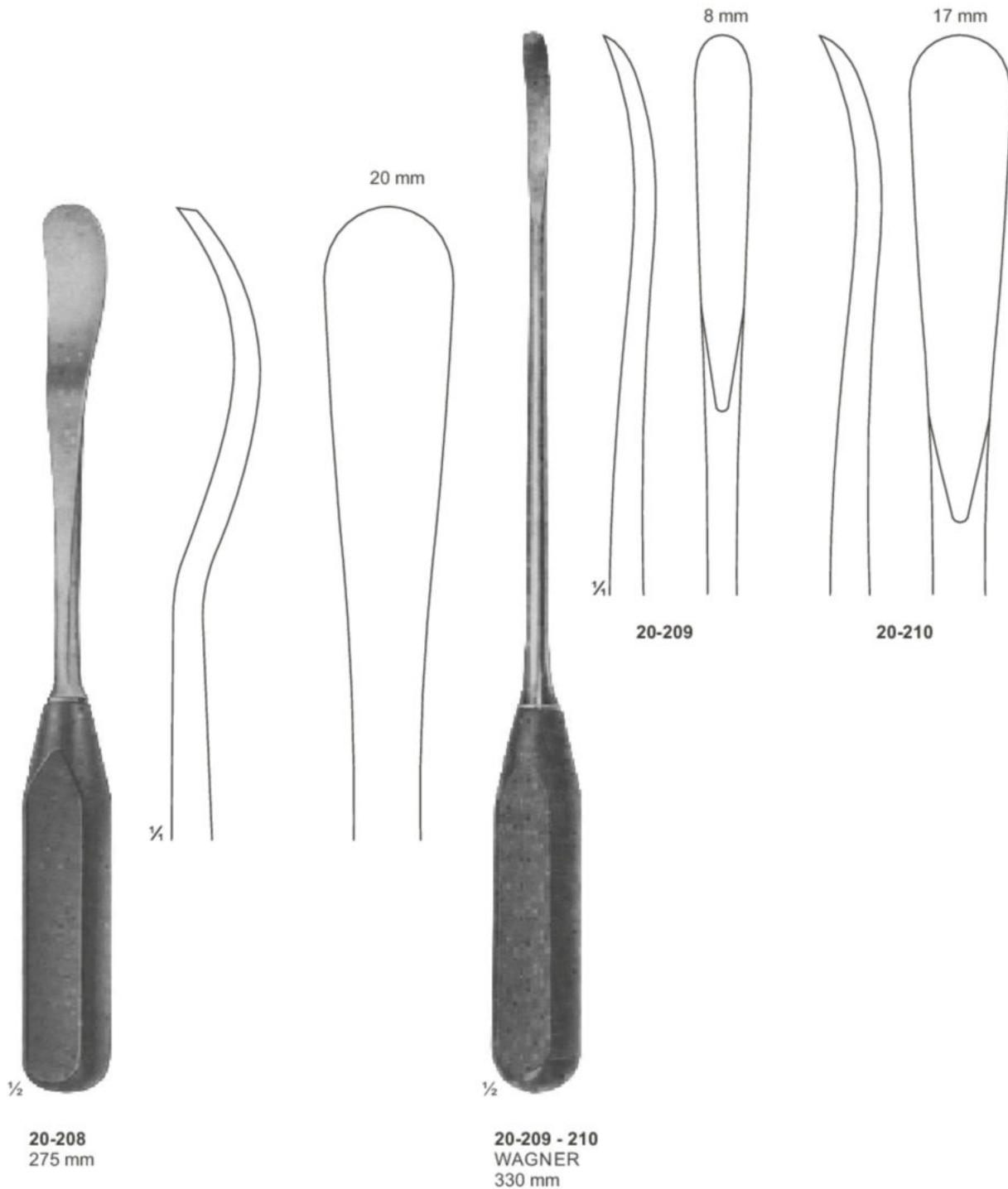
20-206 20-207



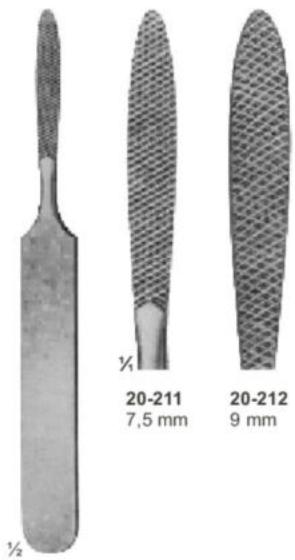
20-202 - 203  
DOYEN  
for children  
20-204 - 205  
for adults  
175 mm

20-206 - 207  
DOYEN  
240 mm

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS

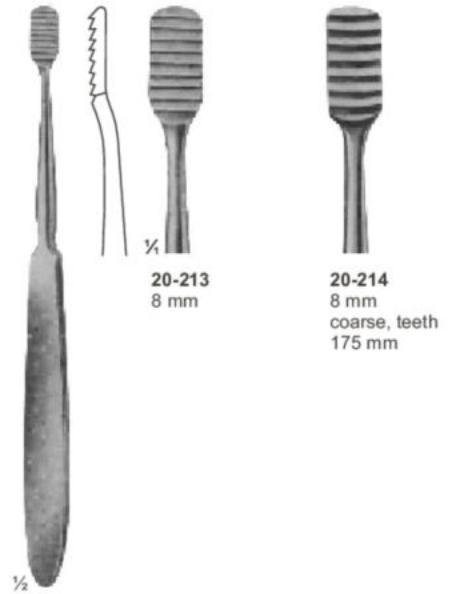


20-211  
7,5 mm

20-212  
9 mm

20-211  
JOSEPH  
fine, chequered

20-212  
coarse, chequered  
165 mm



20-213  
8 mm

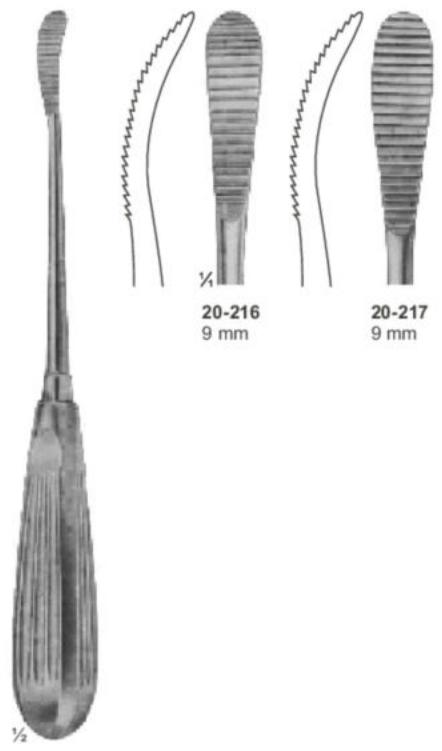
20-214  
8 mm  
coarse, teeth  
175 mm

20-213  
LEWIS  
fine, teeth



20-215  
9 mm

20-215  
MALTZ  
down stroke  
180 mm



20-216  
9 mm

20-217  
9 mm

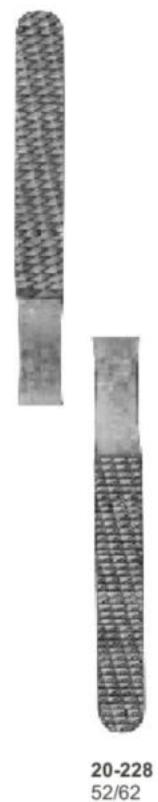
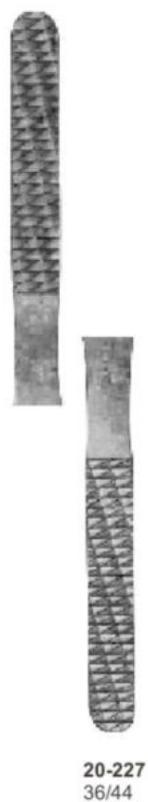
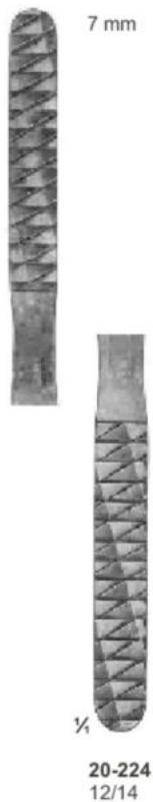
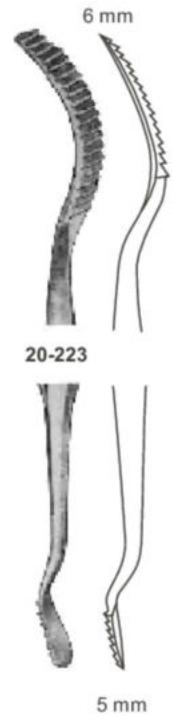
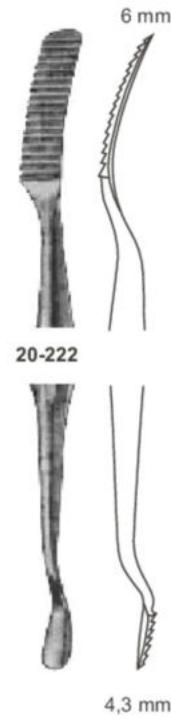
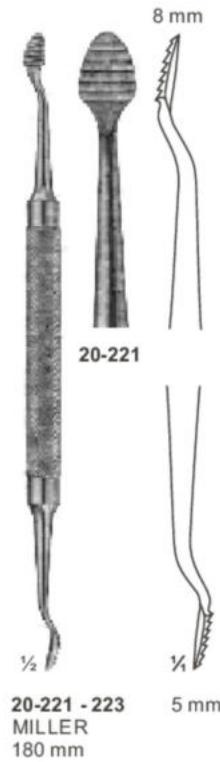
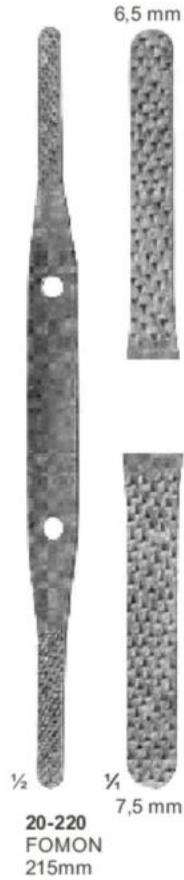
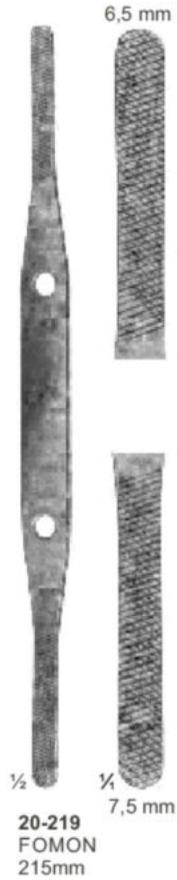
20-216  
AUFRICHT  
up stroke  
20-217  
down stroke  
220 mm



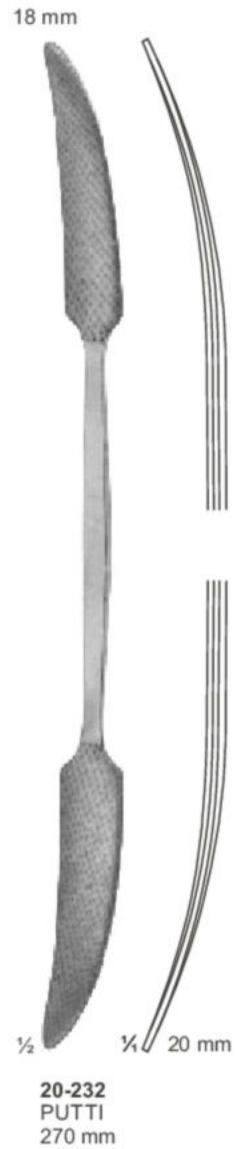
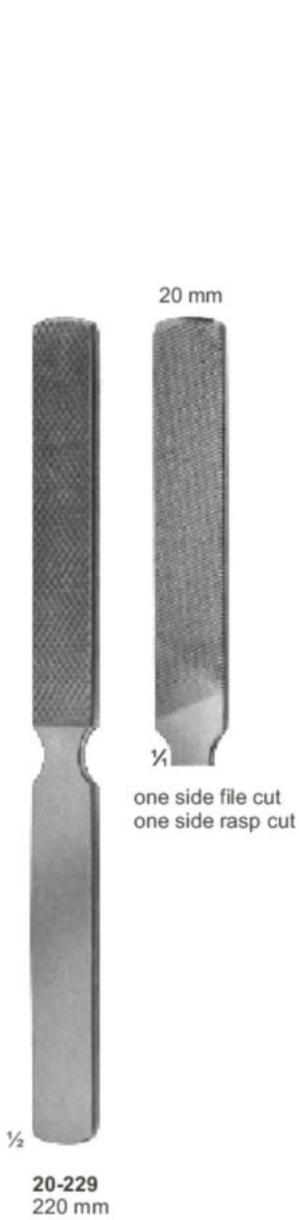
20-218  
6,5 mm

20-218  
GALLAHER  
190 mm

SURGICAL INSTRUMENTS



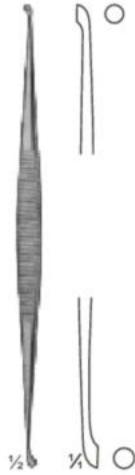
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



**20-233**  
JACOBSON  
140 mm



**20-234**  
MARTINI  
140 mm



**20-235**  
MARTINI  
140 mm



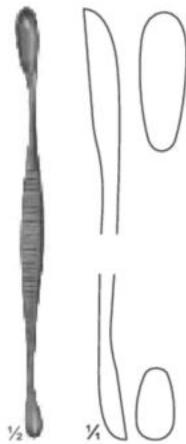
**20-236**  
WILLIGER  
145 mm



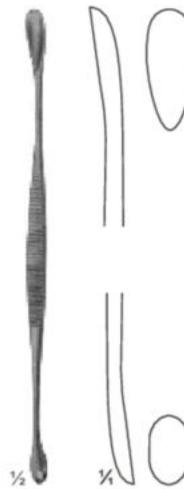
**20-237**  
JANSEN  
160 mm



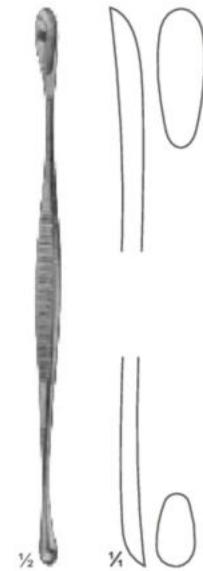
**20-238**  
BARTH  
180 mm



**20-239**  
VOLKMANN  
130 mm

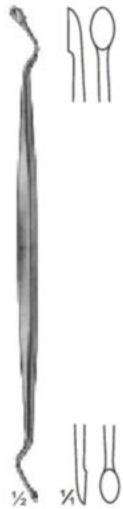


**20-240**  
VOLKMANN  
145 mm



**20-241**  
VOLKMANN  
170 mm

SURGICAL INSTRUMENTS



20-242  
JANSEN  
160 mm



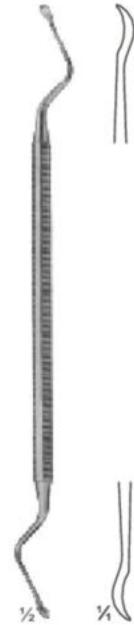
20-243  
HEMINGWAY  
170 mm



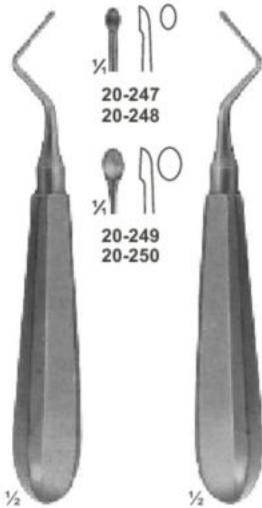
20-244  
HEMINGWAY  
175 mm



20-245  
LUCAS  
180 mm

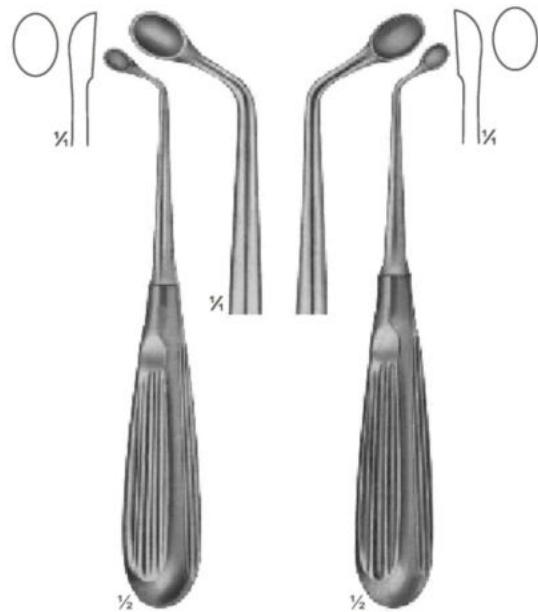


20-246  
LUCAS  
185 mm



20-247 - 248  
KERPEL  
145 mm

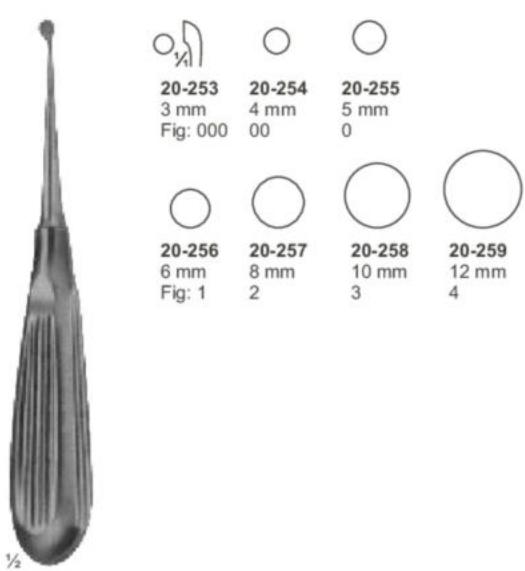
20-249 - 250  
KERPEL  
145 mm



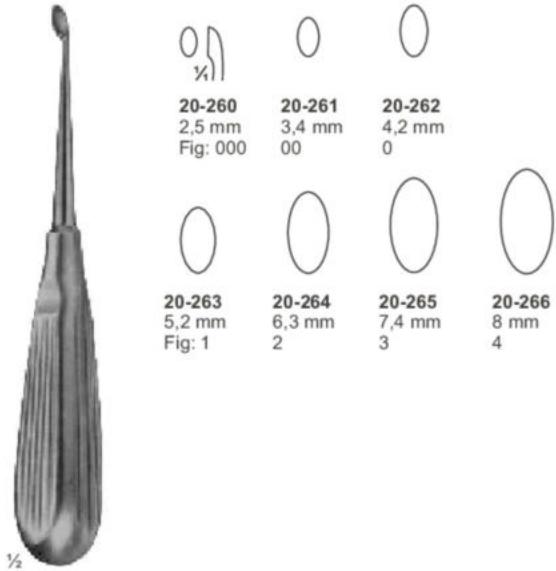
20-251  
UFFENORDE  
170 mm

20-252  
UFFENORDE  
170 mm

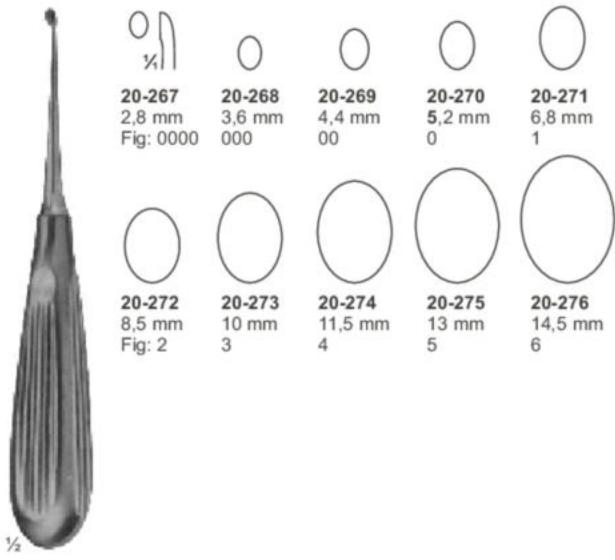
SURGICAL INSTRUMENTS



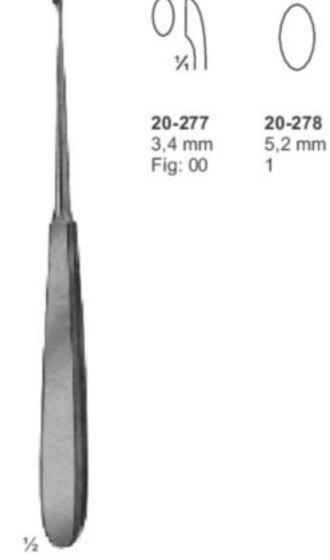
20-253 - 259  
BRUNS  
165 mm



20-260 - 266  
SCHEDE  
170 mm

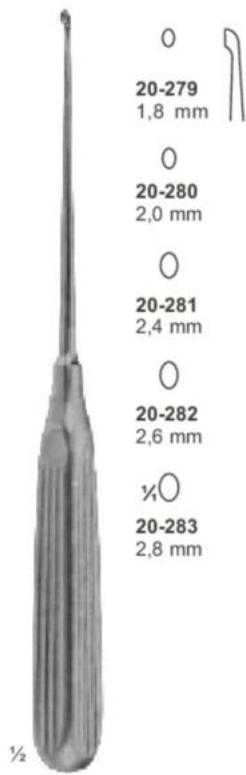


20-267 - 276  
VOLKMANN  
170 mm

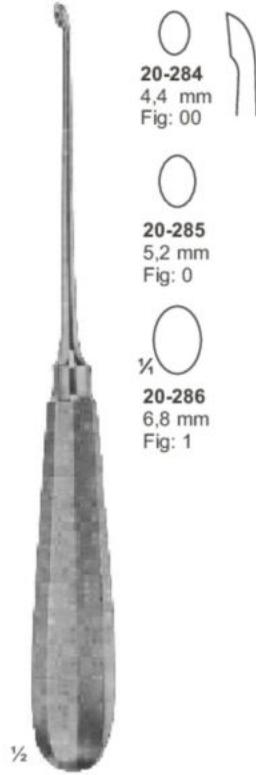


20-277 - 278  
WILLIGER  
170 mm

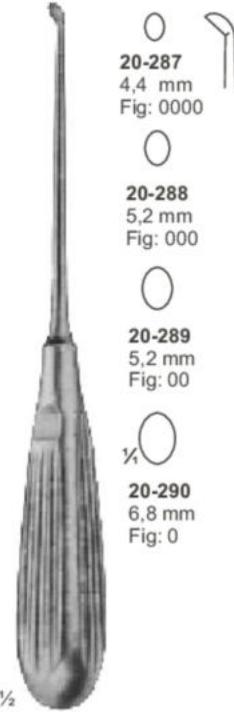
SURGICAL INSTRUMENTS



20-279 - 283  
LEMPERT  
215 mm



20-284 - 286  
HALLE  
215 mm



20-287 - 290  
DAUBENSPECK  
200 mm



20-291 - 294  
250 mm



20-295 - 298  
250 mm



20-299 - 301  
BUSHE  
250 mm



SURGICAL INSTRUMENTS

6 mm

1/2

**20-302**  
TESSIER  
220 mm

**20-303**  
3,6 mm  
Fig: 000

**20-304**  
4,4 mm  
Fig: 00

1/4

**20-305**  
5,2 mm  
Fig: 0

1/2

**20-303 - 305**  
SIMON  
235 mm

**20-306**  
6,8 mm  
Fig: 1

**20-307**  
8,5 mm  
Fig: 2

**20-308**  
10 mm  
Fig: 3

**20-309**  
11,5 mm  
Fig: 4

1/4

**20-310**  
13 mm  
Fig: 5

**20-311**  
14,5 mm  
Fig: 6

1/2

**20-306 - 311**  
SIMON  
240 mm

**20-312**  
3,6 mm  
Fig: 000

**20-313**  
4,4 mm  
Fig: 00

1/4

**20-314**  
5,2 mm  
Fig: 0

1/2

**20-312 - 314**  
CASPAR  
220 mm

**20-315**  
3,6 mm  
Fig: 000

**20-316**  
4,4 mm  
Fig: 00

1/4

**20-317**  
5,2 mm  
Fig: 0

1/2

**20-315 - 317**  
CASPAR  
220 mm

**20-318**  
4 mm

**20-319**  
5 mm

1/4

**20-320**  
6 mm

1/2

**20-318 - 320**  
CASPAR  
toothed  
220 mm

SURGICAL INSTRUMENTS



- 4,4 mm  
Fig. 00  
20-321
- 6,8 mm  
Fig. 1  
20-322
- 8,5 mm  
Fig. 2  
20-323
- 10 mm  
Fig. 3  
20-324

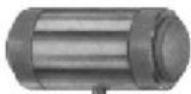
20-321 - 324  
270 mm



- 2,8 mm  
Fig. 0000  
20-325
- 3,6 mm  
Fig. 000  
20-326
- 5,2 mm  
Fig. 0  
20-327
- 10,0 mm  
Fig. 3  
20-328
- 2,8 mm  
Fig. 0000  
20-329
- 3,6 mm  
Fig. 000  
20-330
- 5,2 mm  
Fig. 0  
20-331
- 10,0 mm  
Fig. 3  
20-332

20-325 - 332  
SYPERT  
380 mm

SURGICAL INSTRUMENTS



∅ 20 mm

½

**21-101**  
MEAD  
185 g  
with interchangeable  
plastic disks  
190 mm  
**21-102**  
pair of spare disks



½

**21-103**  
140 g  
with interchangeable  
plastic disks  
185 mm  
**21-104**  
pair of spare disks



∅ 25 mm

½

**21-105**  
COTTLE  
140 g  
1 Seite convex  
1 Side convex  
185 mm



∅ 22 mm

½

**21-106**  
165 g  
lead filled head  
190 mm

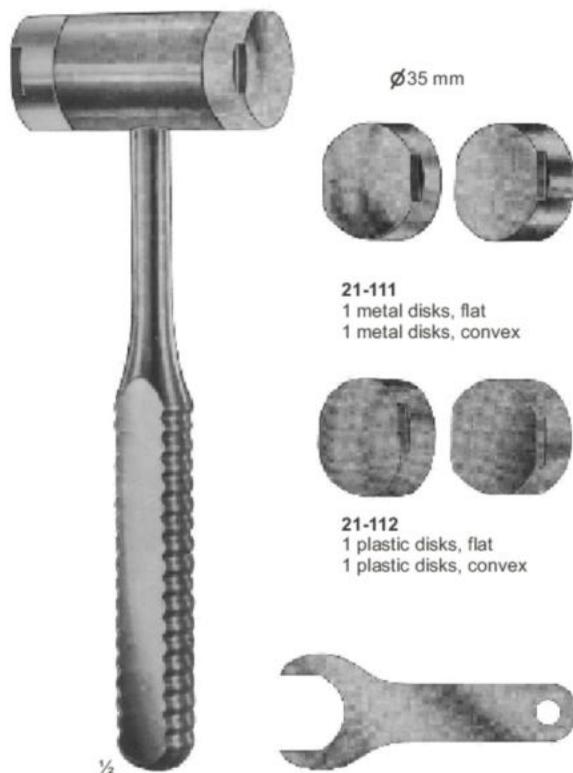
SURGICAL INSTRUMENTS



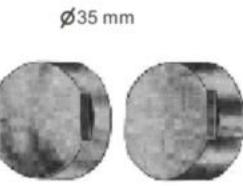
**21-107**  
HAJEK  
140 g  
215 mm



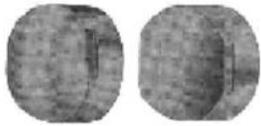
**21-108**  
215 g  
with interchangeable  
plastic disks  
245 mm  
**21-109**  
pair of spare disks



**21-110 - 113**  
WAGNER  
complete with:  
1 pair of metal disks and  
1 pair of plastic disks and  
1 wrench 566  
235 mm



**21-111**  
1 metal disks, flat  
1 metal disks, convex



**21-112**  
1 plastic disks, flat  
1 plastic disks, convex



**21-113**  
Wrench

Mallet without disks 130 g



∅ 45 mm

1/2

**21-114**  
BERGMANN  
245 mm



∅ 30 mm

1/2

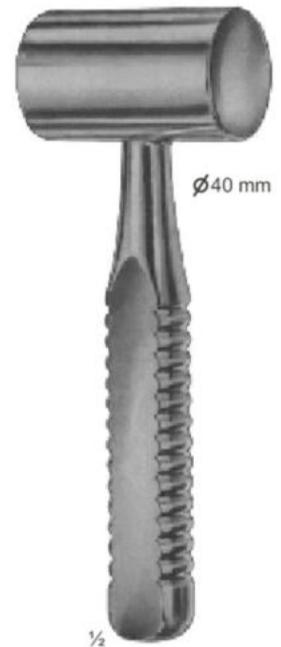
**21-115**  
BERGMANN  
235 mm



∅ 40 mm

1/2

**21-116**  
OMBREDANNE  
240 mm

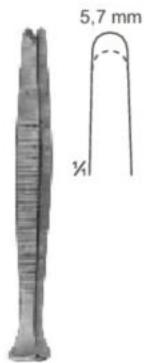


∅ 40 mm

1/2

**21-117**  
HEATH  
copper filled head  
700 g  
185 mm

SURGICAL INSTRUMENTS



21-118  
Haase  
100 mm



21-119 - 120  
PASSOW  
120 mm



21-121 - 123  
CASPER  
200 mm

- 21-121  
∅3 mm
- 21-122  
∅5 mm
- 21-123  
∅8 mm

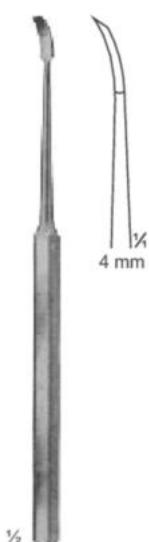


21-124 - 126  
200 mm

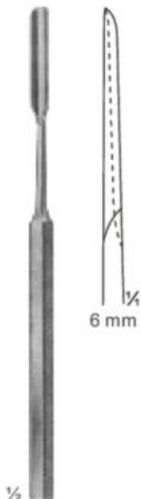
- 21-124  
∅12 mm
- 21-125  
∅14 mm
- 21-126  
∅16 mm



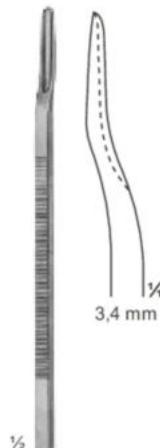
21-127  
FREER  
Chisel  
160 mm



21-128  
FREER  
Chisel, curved  
160 mm



21-129  
FREER  
Gouge  
150 mm



21-130  
Scaphoid gouge,  
downwards curved  
135 mm

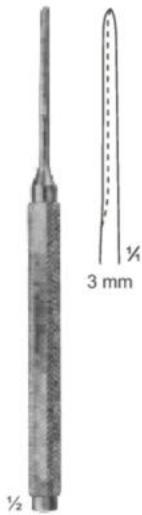


21-131  
Scaphoid gouge,  
upwards curved  
135 mm

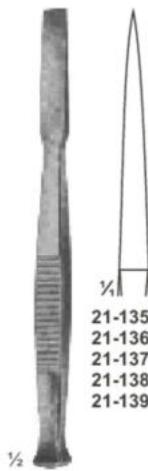


21-131A - 133  
Mannerfelt  
21-131A 4 mm  
21-132 6 mm  
21-133 8 mm

SURGICAL INSTRUMENTS

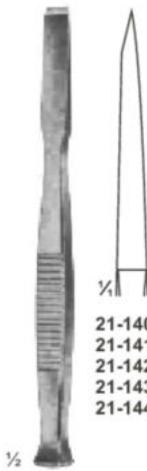


21-134  
Mannerfelt  
155 mm



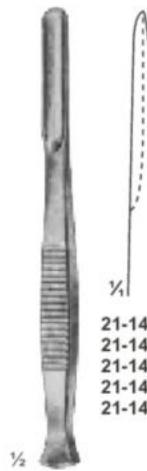
21-135 - 139  
Osteotome  
140 mm

- 21-135 4 mm
- 21-136 6 mm
- 21-137 8 mm
- 21-138 10 mm
- 21-139 12 mm



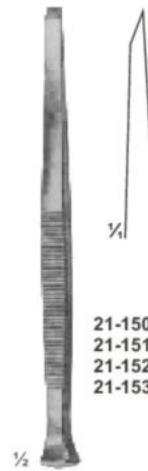
21-140 - 144  
Chisels  
140 mm

- 21-140 4 mm
- 21-141 6 mm
- 21-142 8 mm
- 21-143 10 mm
- 21-144 12 mm



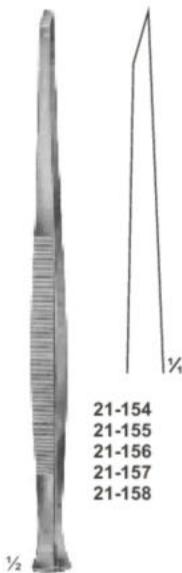
21-145 - 149  
Gouges  
140 mm

- 21-145 4 mm
- 21-146 6 mm
- 21-147 8 mm
- 21-148 10 mm
- 21-149 12 mm



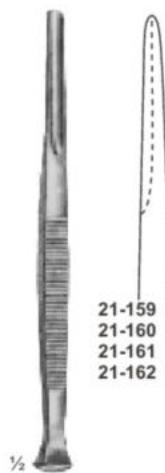
PARTSCH  
21-150 - 153  
Chisels  
140 mm

- 21-150 3 mm
- 21-151 4 mm
- 21-152 5 mm
- 21-153 6 mm



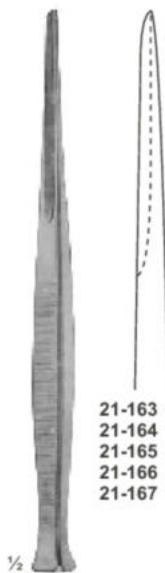
PARTSCH  
21-154 - 158  
Chisels  
170 mm

- 21-154 3 mm
- 21-155 4 mm
- 21-156 5 mm
- 21-157 6 mm
- 21-158 7 mm



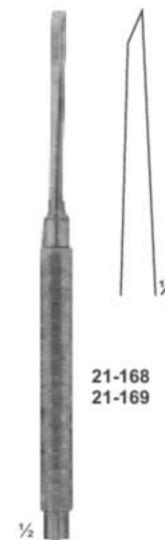
PARTSCH  
21-159 - 162  
Gouges  
140 mm

- 21-159 3 mm
- 21-160 4 mm
- 21-161 5 mm
- 21-162 6 mm



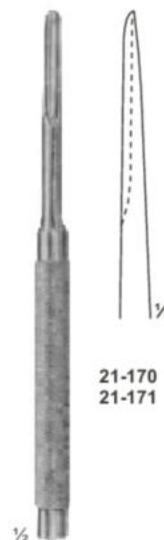
PARTSCH  
21-163 - 167  
Gouges  
170 mm

- 21-163 3 mm
- 21-164 4 mm
- 21-165 5 mm
- 21-166 6 mm
- 21-167 7 mm



LUCAS  
21-168 - 169  
Chisels  
160 mm

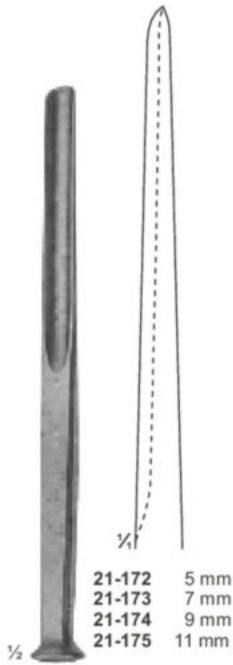
- 21-168 4 mm
- 21-169 6 mm



LUCAS  
21-170 - 171  
Gouges  
160 mm

- 21-170 3 mm
- 21-171 5 mm

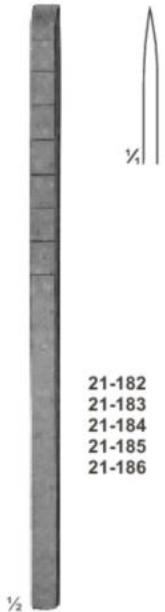
SURGICAL INSTRUMENTS



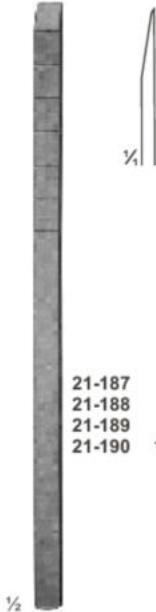
**ALEXANDER**  
21-172 - 175  
Gouges  
170 mm



**LAMBOTTE**  
21-176 - 181  
Osteotome  
125 mm



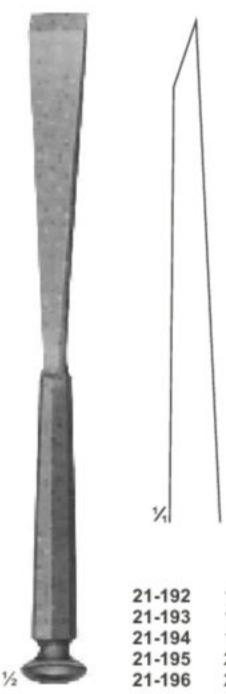
**COTTLE**  
21-182 - 186  
Osteotome with depth markings  
180 mm



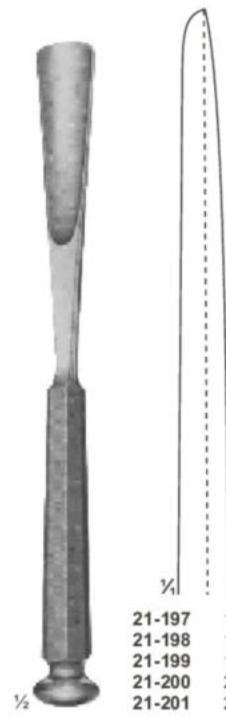
**COTTLE**  
21-187 - 190  
Chisel-Osteotomes with depth markings  
180 mm



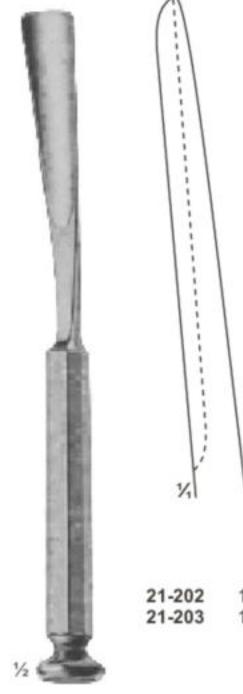
**COTTLE**  
21-191  
Fishtail Chisel, with protected ends  
180 mm



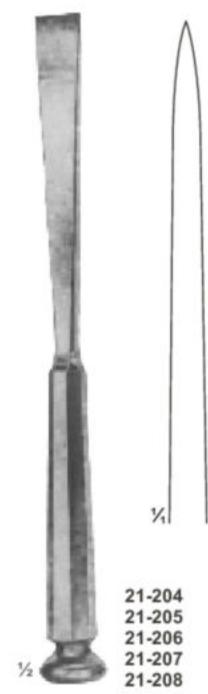
**STILLE**  
21-192 - 196  
Chisels  
205 mm



**STILLE**  
21-197 - 201  
Gouges  
205 mm

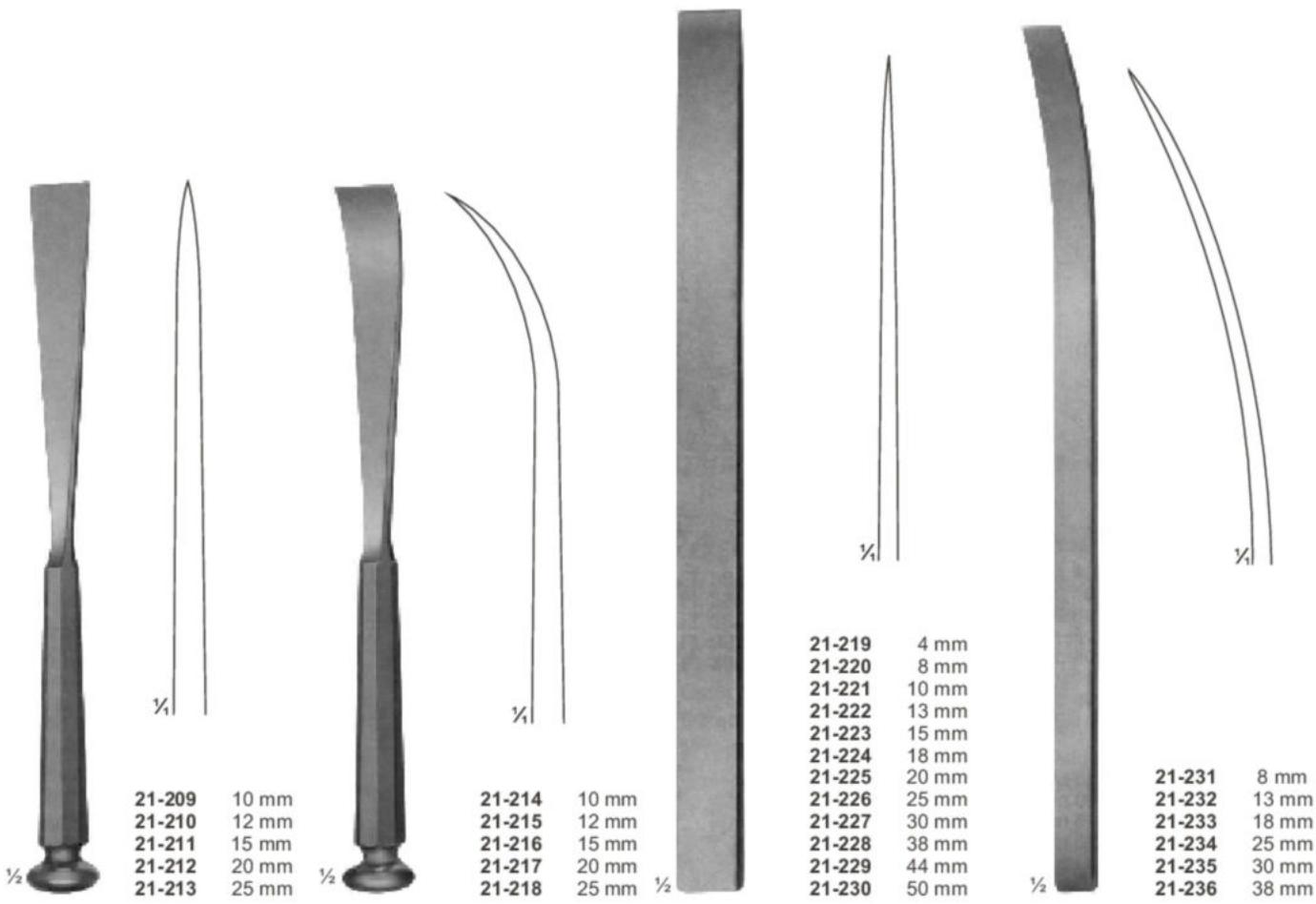


**WALTER**  
21-202 - 203  
Osteotome gouges for taking grafts from the rib  
205 mm



**STILLE**  
21-204 - 208  
Osteotomes  
205 mm

SURGICAL INSTRUMENTS



STILLE  
21-209 - 213  
Osteotomes  
205 mm

STILLE  
21-214 - 218  
Osteotomes, curved  
205 mm

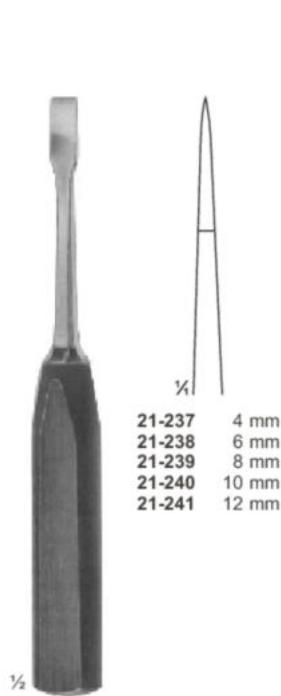
LAMBOTTE  
21-219 - 230  
Osteotomes  
245 mm

LAMBOTTE  
21-231 - 236  
Osteotomes, curved  
245 mm

- 21-219 4 mm
- 21-220 8 mm
- 21-221 10 mm
- 21-222 13 mm
- 21-223 15 mm
- 21-224 18 mm
- 21-225 20 mm
- 21-226 25 mm
- 21-227 30 mm
- 21-228 38 mm
- 21-229 44 mm
- 21-230 50 mm

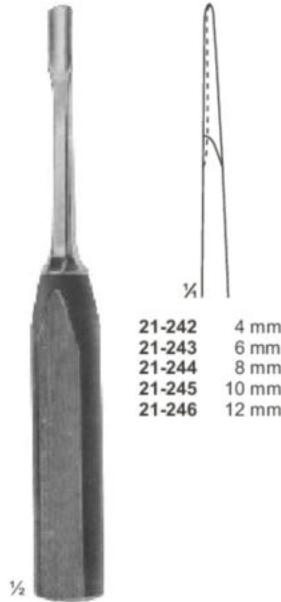
- 21-231 8 mm
- 21-232 13 mm
- 21-233 18 mm
- 21-234 25 mm
- 21-235 30 mm
- 21-236 38 mm

SURGICAL INSTRUMENTS



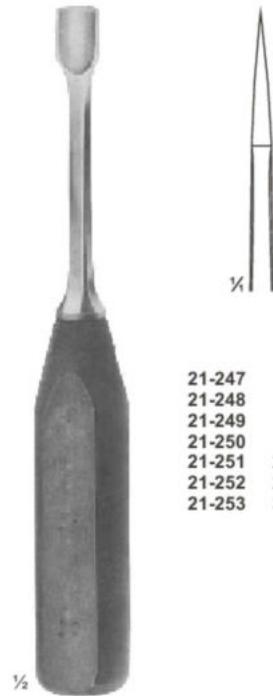
- 21-237 4 mm
- 21-238 6 mm
- 21-239 8 mm
- 21-240 10 mm
- 21-241 12 mm

LEXER-MINI  
21-237 - 241  
Osteotomes  
180 mm



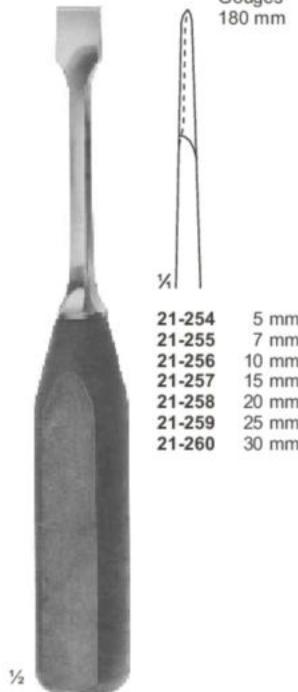
- 21-242 4 mm
- 21-243 6 mm
- 21-244 8 mm
- 21-245 10 mm
- 21-246 12 mm

LEXER-MINI  
21-242 - 246  
Gouges  
180 mm



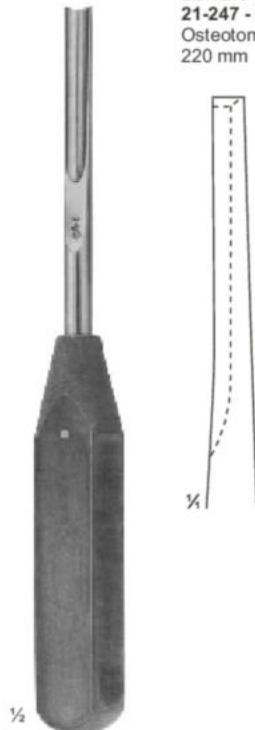
- 21-247 5 mm
- 21-248 7 mm
- 21-249 10 mm
- 21-250 15 mm
- 21-251 20 mm
- 21-252 25 mm
- 21-253 30 mm

LEXER  
21-247 - 253  
Osteotomes  
220 mm

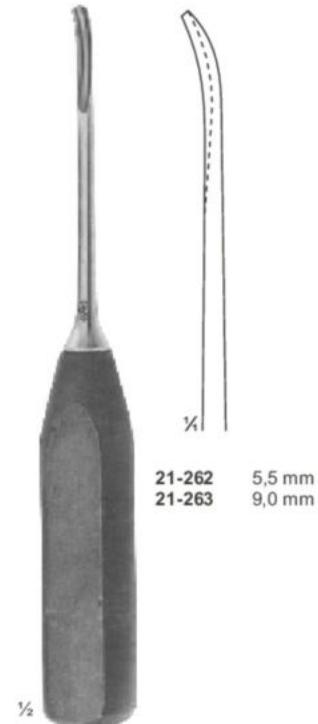


- 21-254 5 mm
- 21-255 7 mm
- 21-256 10 mm
- 21-257 15 mm
- 21-258 20 mm
- 21-259 25 mm
- 21-260 30 mm

LEXER  
21-254 - 260  
Gouges  
220 mm



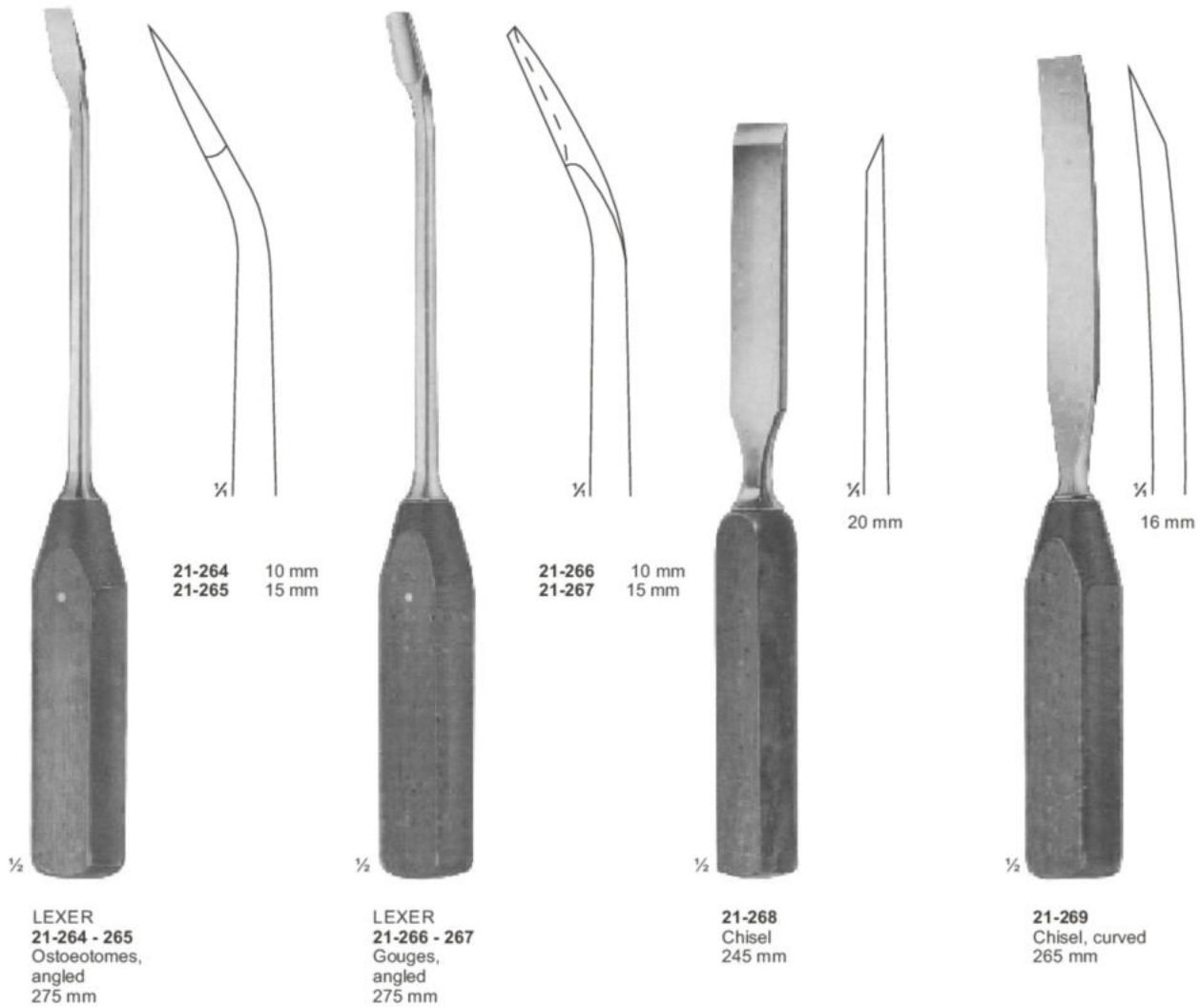
LEXER  
21-261  
Gouge for  
removing broken  
screws  
220 mm



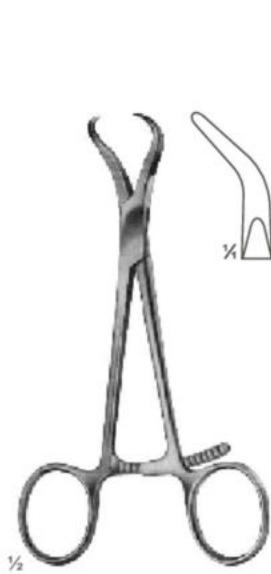
- 21-262 5,5 mm
- 21-263 9,0 mm

ZIELKE  
21-262 - 263  
Gouge for  
scoliose-operations  
230 mm

SURGICAL INSTRUMENTS



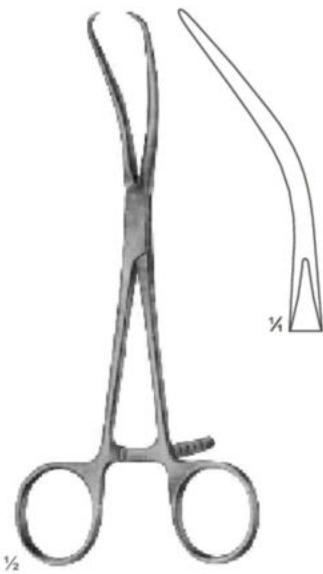
SURGICAL INSTRUMENTS



**22-101**  
 Reposition forceps,  
 for small fragments  
 135 mm



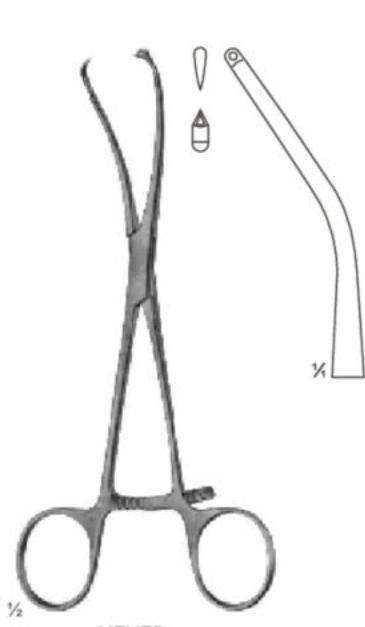
**HAASE 22-102**  
 Reposition forceps,  
 for mandibular  
 fractures  
 165 mm



**REILL 22-103**  
 Reposition forceps,  
 170 mm



**22-104**  
 Reposition forceps  
 205 mm



**MEYER 22-105**  
 Reposition forceps  
 for fingers, with drill  
 guide for KIRSCHNER  
 wires up to daim.1.0 mm  
 170 mm

SURGICAL INSTRUMENTS



22-106  
Patella forceps  
185 mm



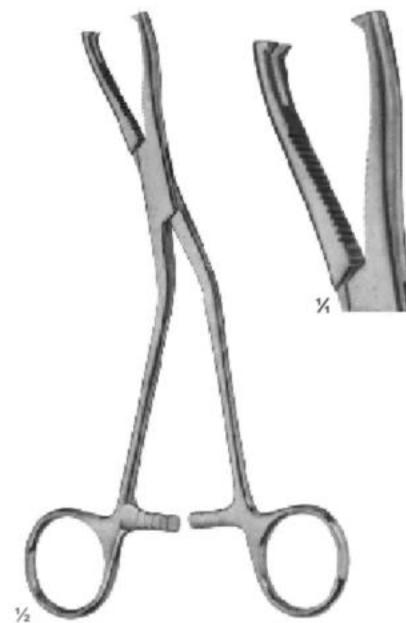
22-107  
Forceps with  
ratchet fixation  
140 mm



22-108  
Forceps with  
thread fixation  
170 mm



22-109  
Forceps with  
thread fixation  
235 mm



22-110  
DINGMANN  
185 mm

SURGICAL INSTRUMENTS



**22-111**  
Sequestrum  
forceps  
200 mm



**22-112**  
VAN BUREN  
Sequestrum  
forceps  
225 mm

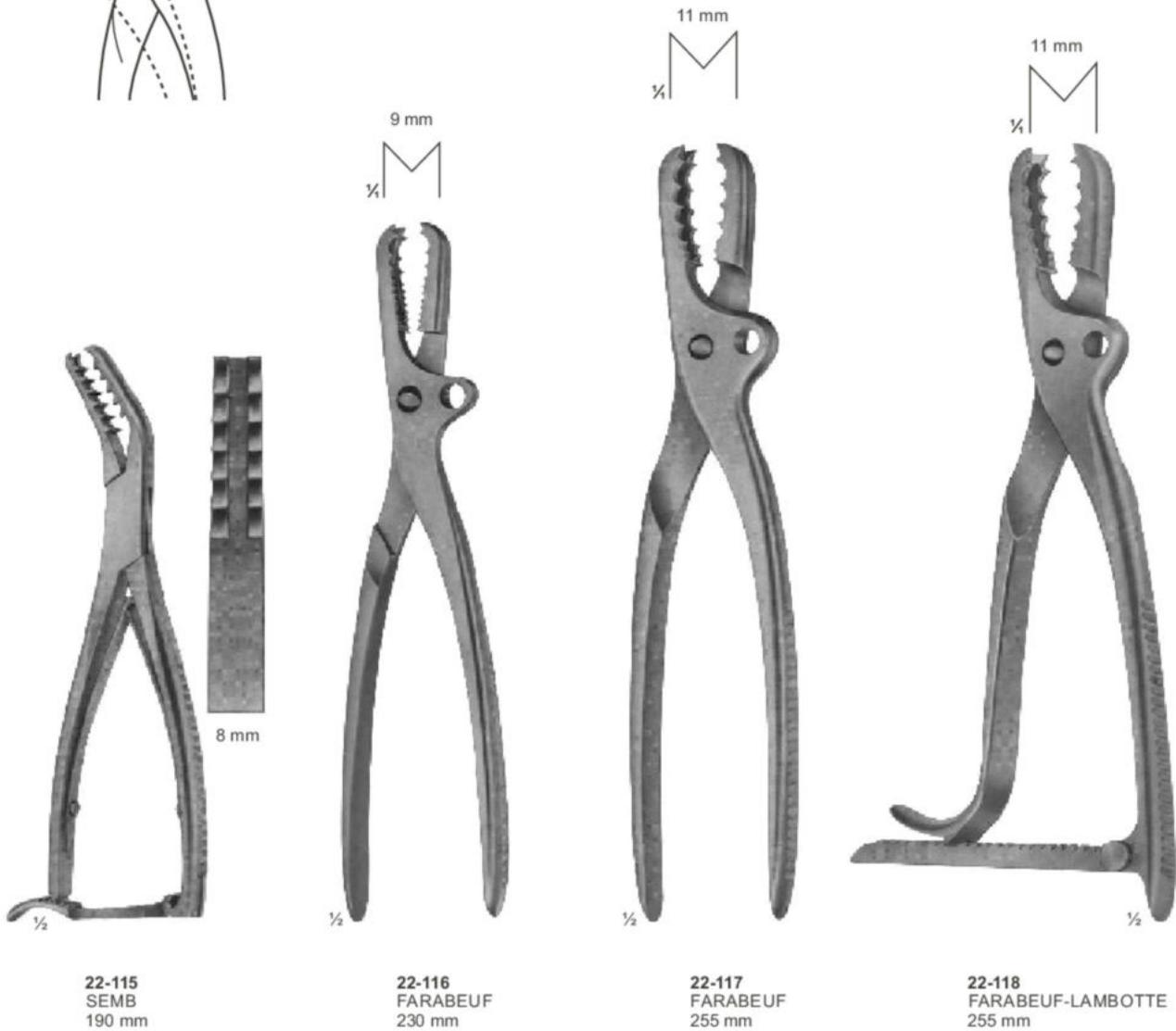
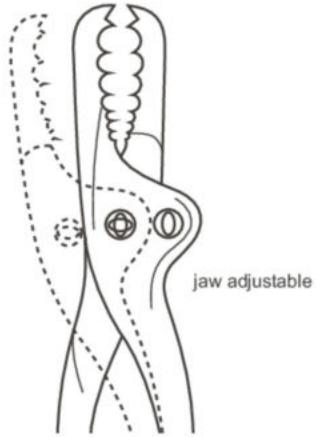


**22-113**  
LANGENBECK  
Sequestrum  
forceps  
205 mm

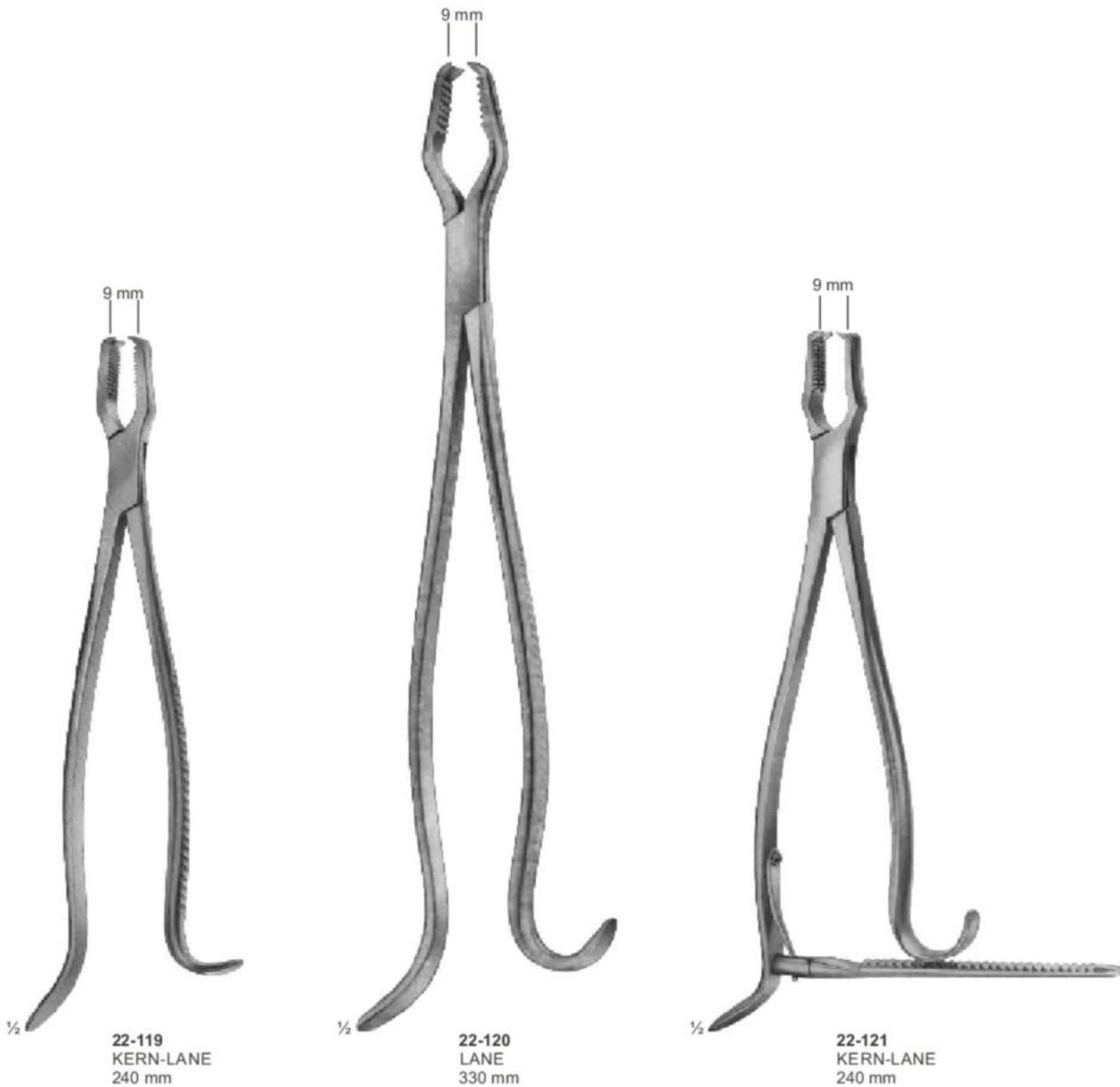


**22-114**  
FERGUSSON  
Sequestrum  
forceps  
205 mm

SURGICAL INSTRUMENTS



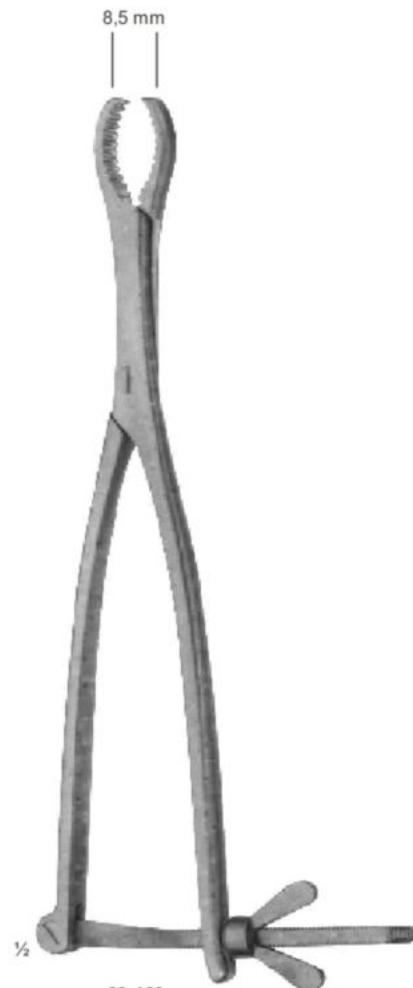
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



22-122  
LANE  
320 mm

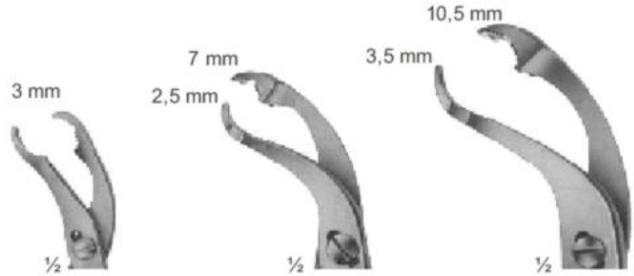


22-123  
HEY GROVES  
305 mm

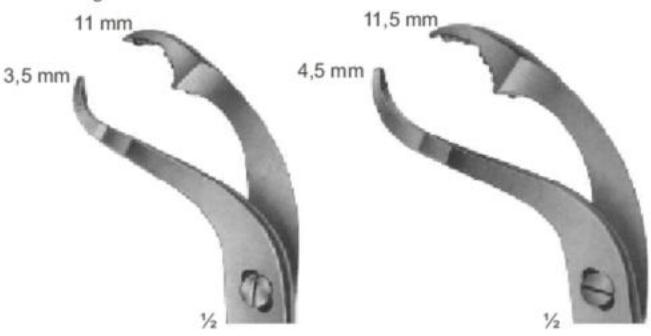
SURGICAL INSTRUMENTS



**22-124 - 128**  
 22-124 145 mm  
 22-125 190 mm  
 22-126 240 mm  
 22-127 260 mm  
 22-128 280 mm



3 mm 7 mm 10,5 mm  
 2,5 mm 3,5 mm  
 1/2 1/2 1/2  
**22-124** for small fragments  
**22-125** Fig: 0  
**22-126** Fig: 1

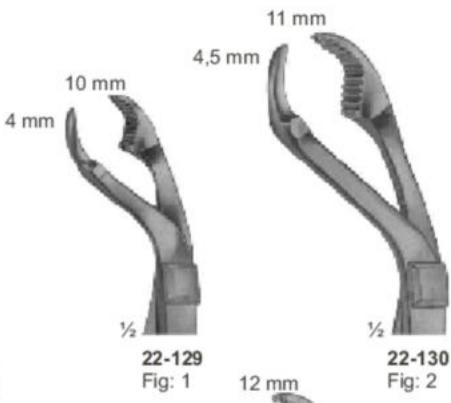


11 mm 11,5 mm  
 3,5 mm 4,5 mm  
 1/2 1/2  
**22-127** Fig: 2  
**22-128** Fig: 3

Self-centering forceps with thread fixation



**22-129 - 131** 255 mm  
**VERBRUGGE** 265 mm  
 with lin joint 270 mm



10 mm 11 mm  
 4 mm 4,5 mm  
 1/2 1/2  
**22-129** Fig: 1  
**22-130** Fig: 2



12 mm 4,5 mm  
 1/2  
**22-131** Fig: 3



**22-132**  
**LAMBOTTE**  
 265 mm



22-133 - 134  
LOWMAN  
22-133 170 mm  
22-134 205 mm



22-135  
LOWMAN-GERSTER  
210 mm

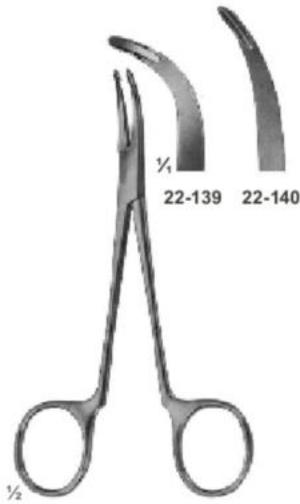


22-136  
LOWMAN-HOGLUND  
175 mm

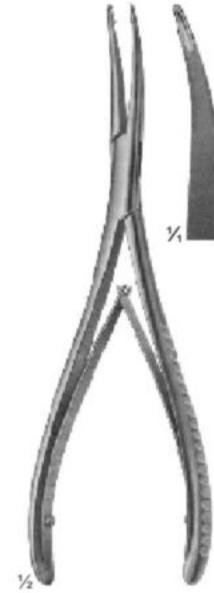
SURGICAL INSTRUMENTS



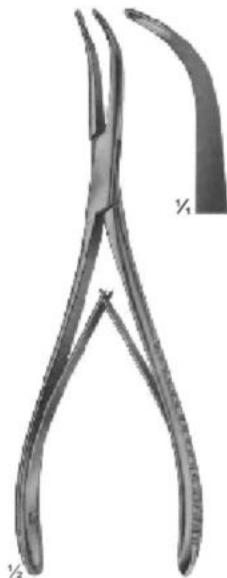
**22-137 - 138**  
Synovetomy rongeur  
width of jaws 1.2 mm  
130 mm



**22-139 - 140**  
Synovetomy rongeur  
width of jaws 2.0 mm  
130 mm



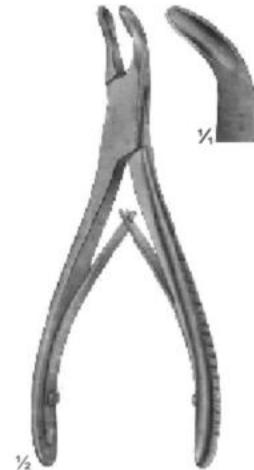
**22-141**  
STELLBRINK  
Synovetomy rongeur  
175 mm



**22-142**  
STELLBRINK  
Synovetomy rongeur  
170 mm



**22-143**  
LURE-FRIEDMANN  
145 mm

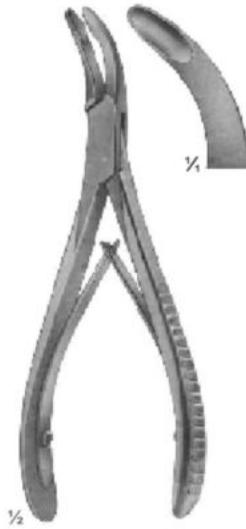


**22-144**  
140 mm

SURGICAL INSTRUMENTS



22-145  
LURE  
150 mm



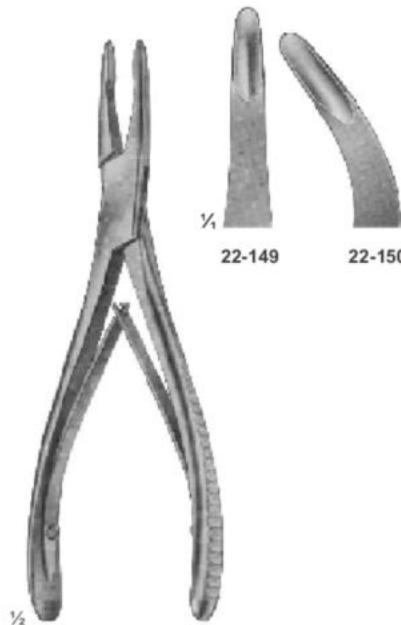
22-146  
LURE  
155 mm



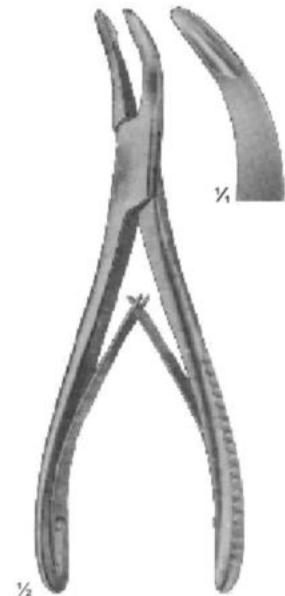
22-147  
BLUMENTHAL  
155 mm



22-148  
BLUMENTHAL  
150 mm



22-149 - 150  
JANSEN  
175 mm

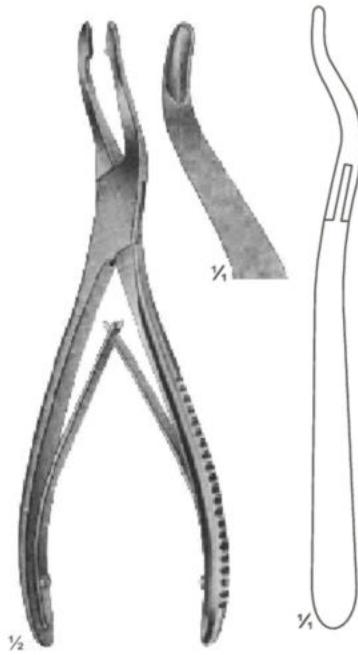


22-151  
BANE-HARTMANN  
175 mm

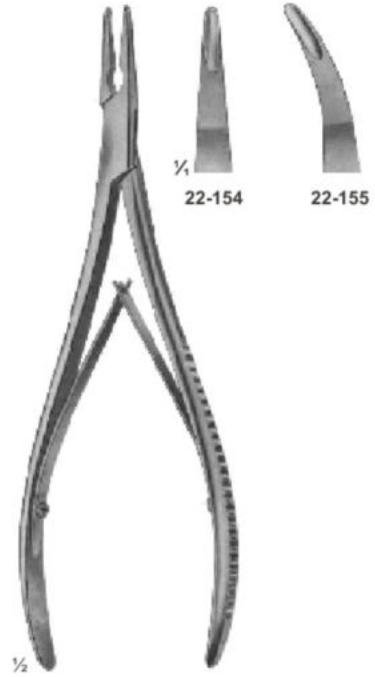
SURGICAL INSTRUMENTS



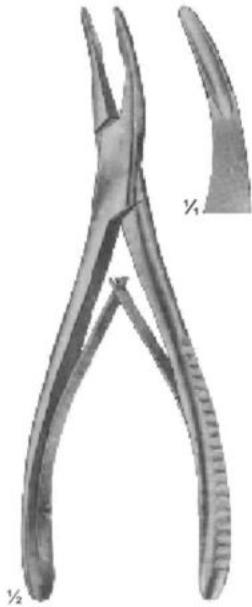
22-152  
ALEXANDER  
140 mm



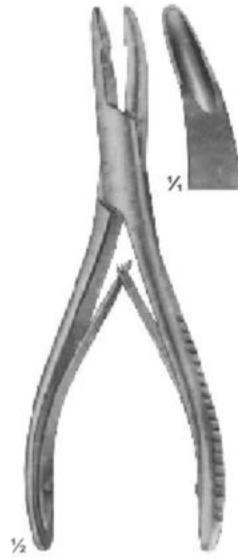
22-153  
JANSEN  
190 mm



22-154 - 155  
LEMPERT  
200 mm



22-156  
BEYER  
180 mm

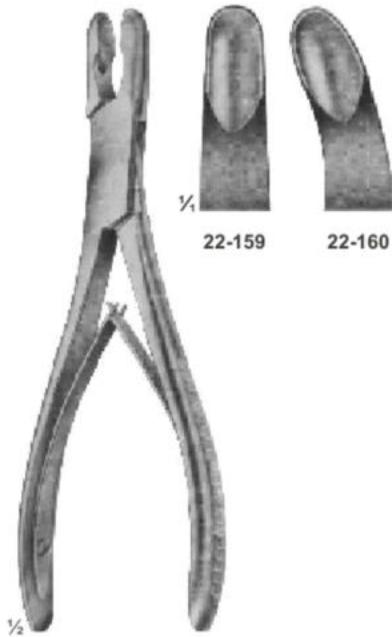


22-157  
MEAD  
165 mm

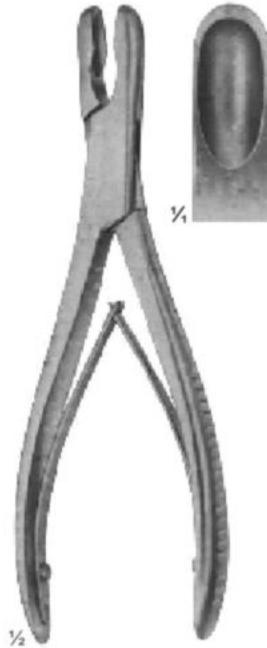


22-158  
MEAD  
165 mm

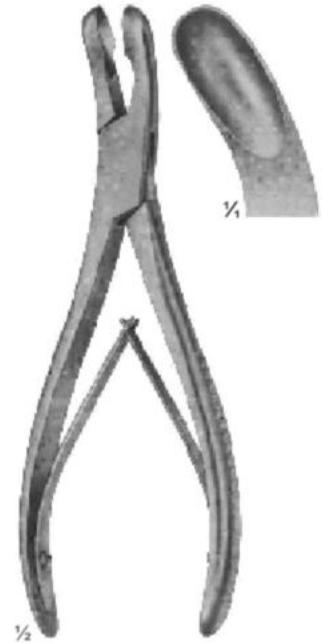
SURGICAL INSTRUMENTS



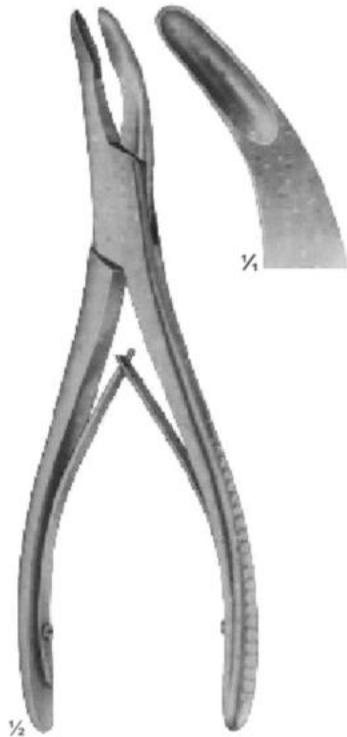
22-159 - 160  
LURE  
175 mm



22-161  
LURE  
180 mm



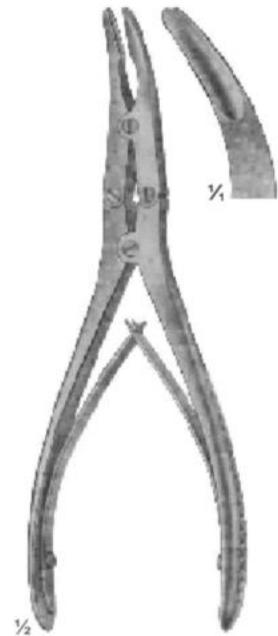
22-162  
LURE  
180 mm



22-163  
OLIVECRONA  
205 mm

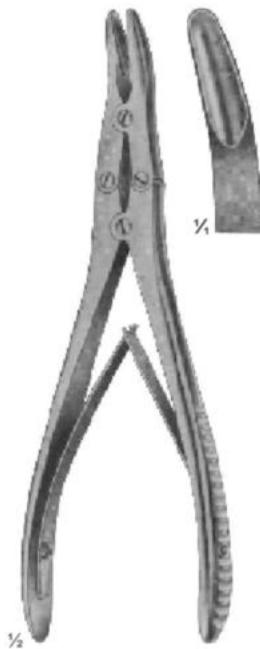


22-164 - 165  
BOHLER  
155 mm



22-166  
MARQUARTD  
200 mm

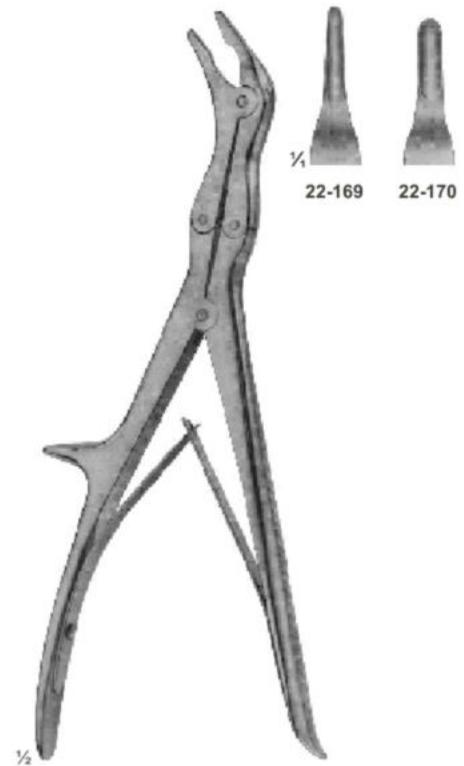
SURGICAL INSTRUMENTS



22-167  
RUSKIN  
190 mm



22-168  
ROTTGEN-RUSKIN  
240 mm



22-169 - 170  
ECHLIN  
230 mm

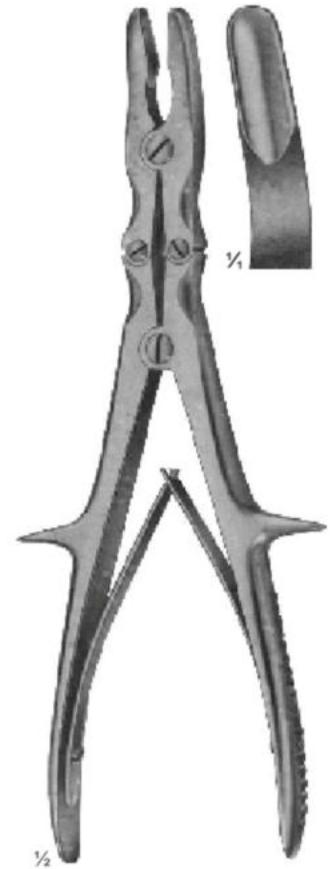
SURGICAL INSTRUMENTS



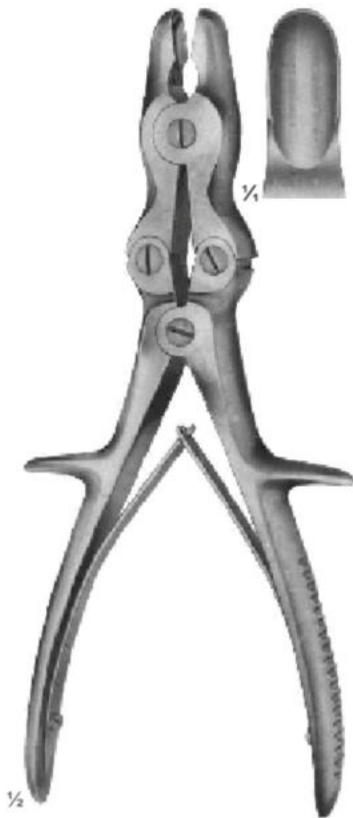
22-171  
STILLE  
235 mm



22-172  
LEKSELL-STILLE  
240mm



22-173  
STILLE-RUSKIN  
240mm

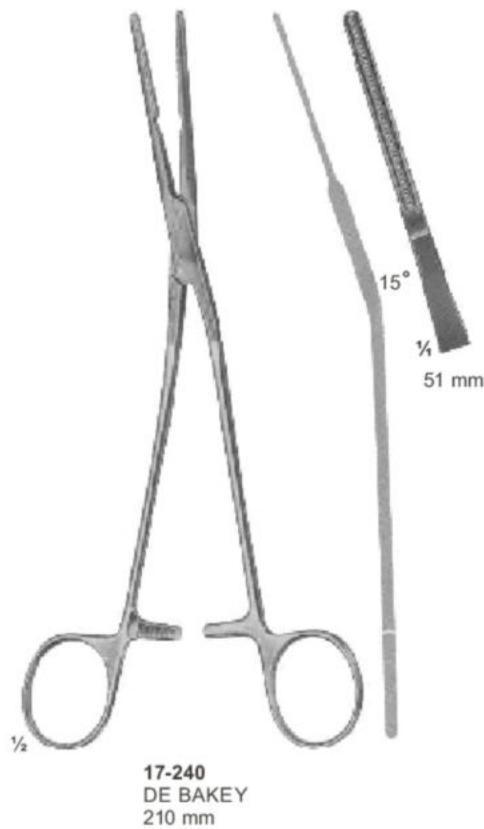
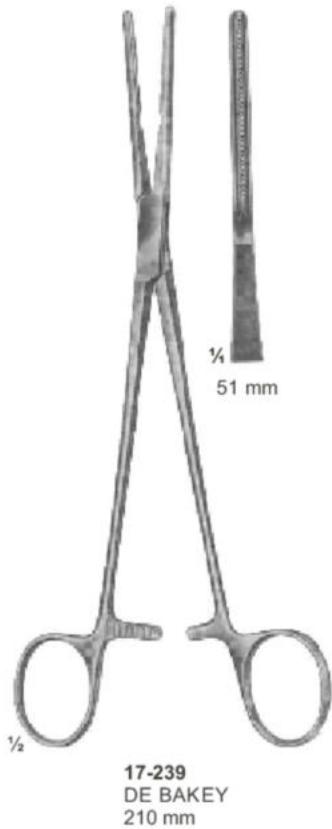
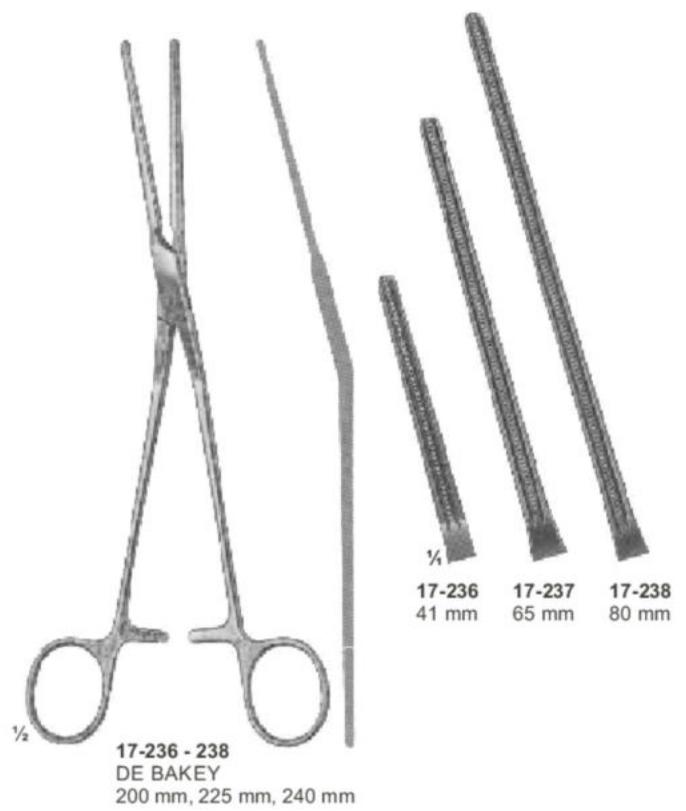
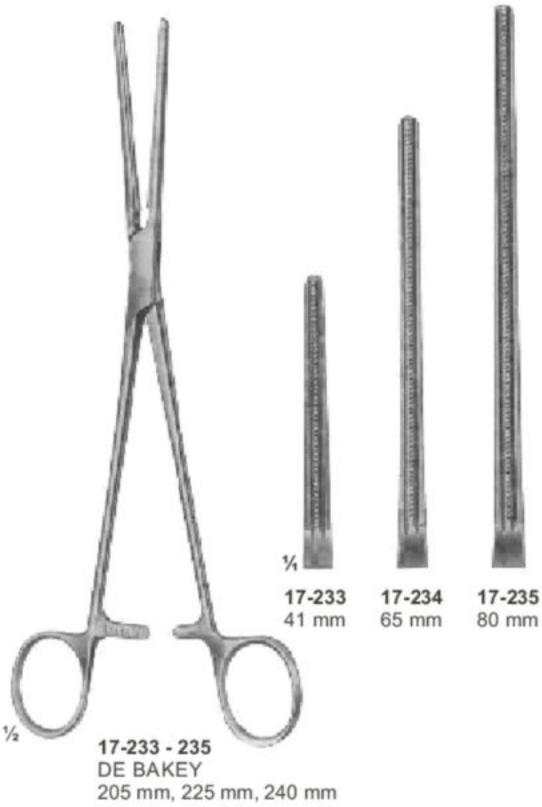


22-174  
LURE-STILLE  
225 mm

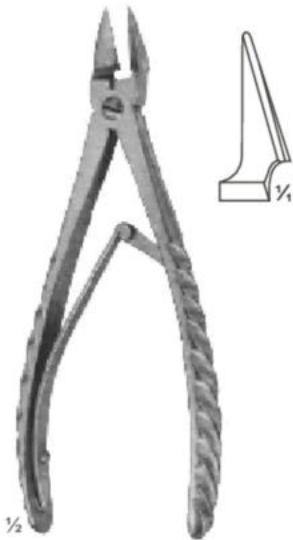


22-175  
LURE-STILLE  
225 mm

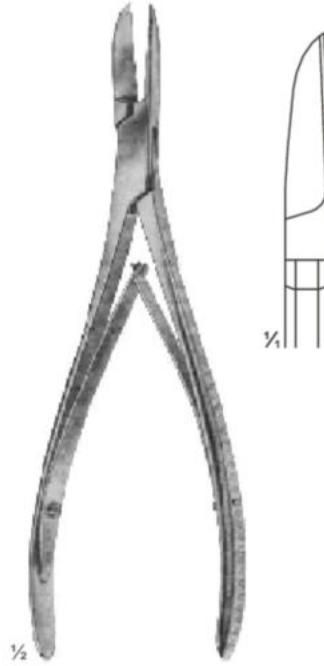
SURGICAL INSTRUMENTS



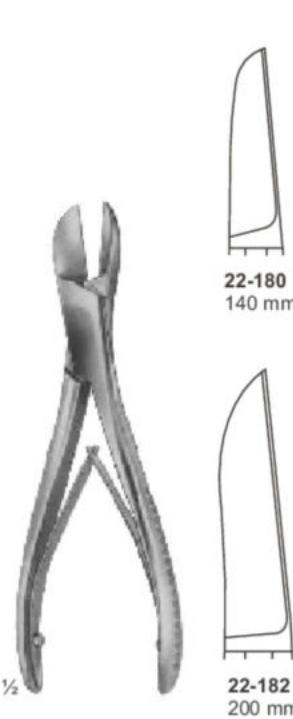
SURGICAL INSTRUMENTS



22-178  
STAMM  
150 mm



22-179  
KAZANJIAN  
185 mm



22-180 - 183  
LISTON



22-180  
140 mm



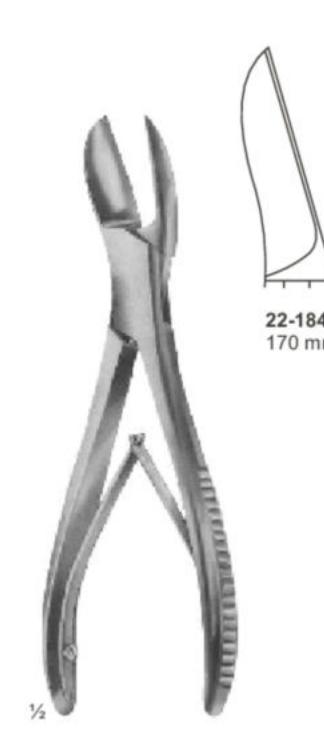
22-181  
170 mm



22-182  
200 mm



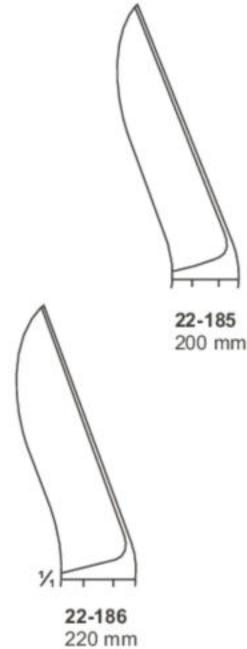
22-183  
220 mm



22-184 - 186  
LISTON



22-184  
170 mm



22-185  
200 mm



22-186  
220 mm

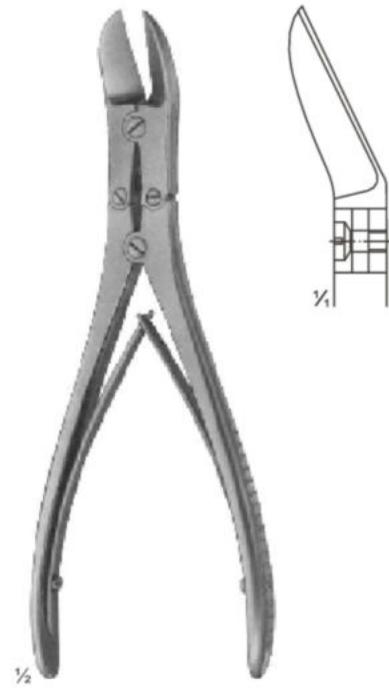
SURGICAL INSTRUMENTS



22-187  
BOHLER  
145 mm

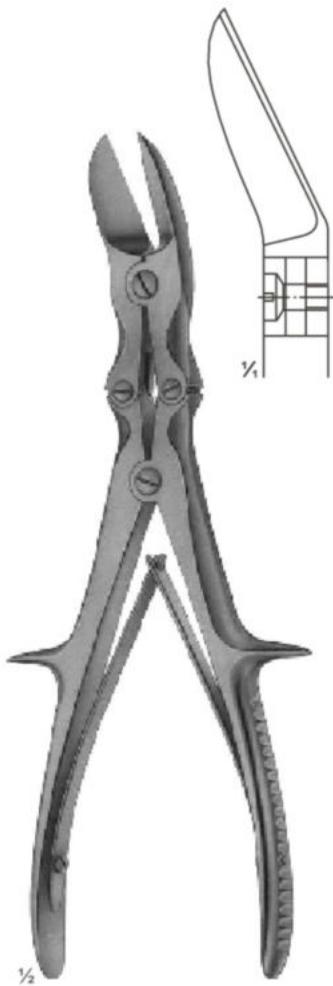


22-188  
RUSKIN-LISTON  
190 mm

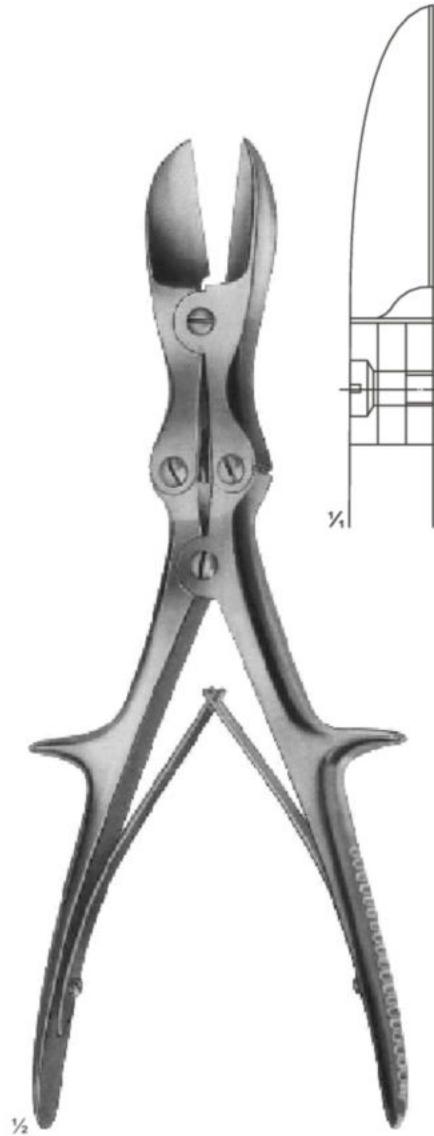


22-189  
RUSKIN-LISTON  
190 mm

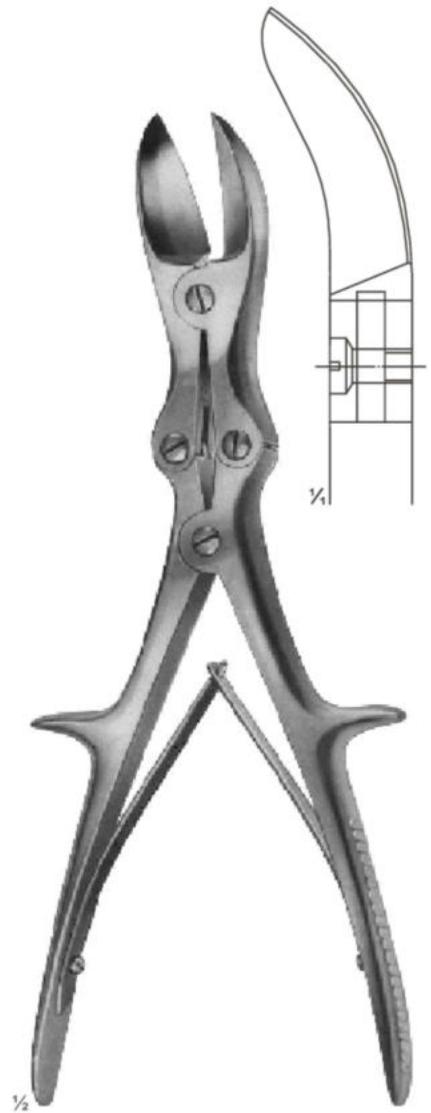
SURGICAL INSTRUMENTS



22-190  
LISTON  
curved on flat  
240 mm

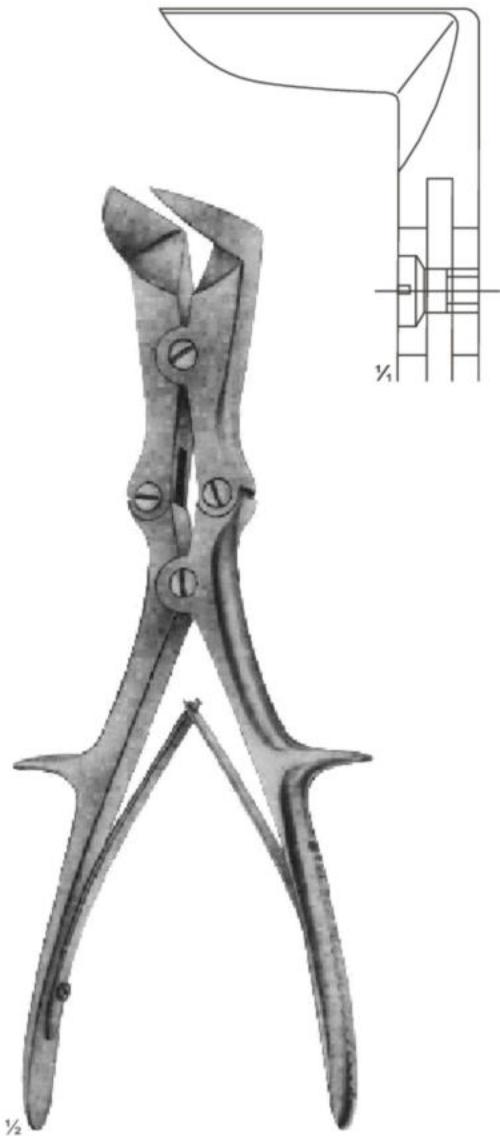


22-191  
LISTON  
straight  
280 mm

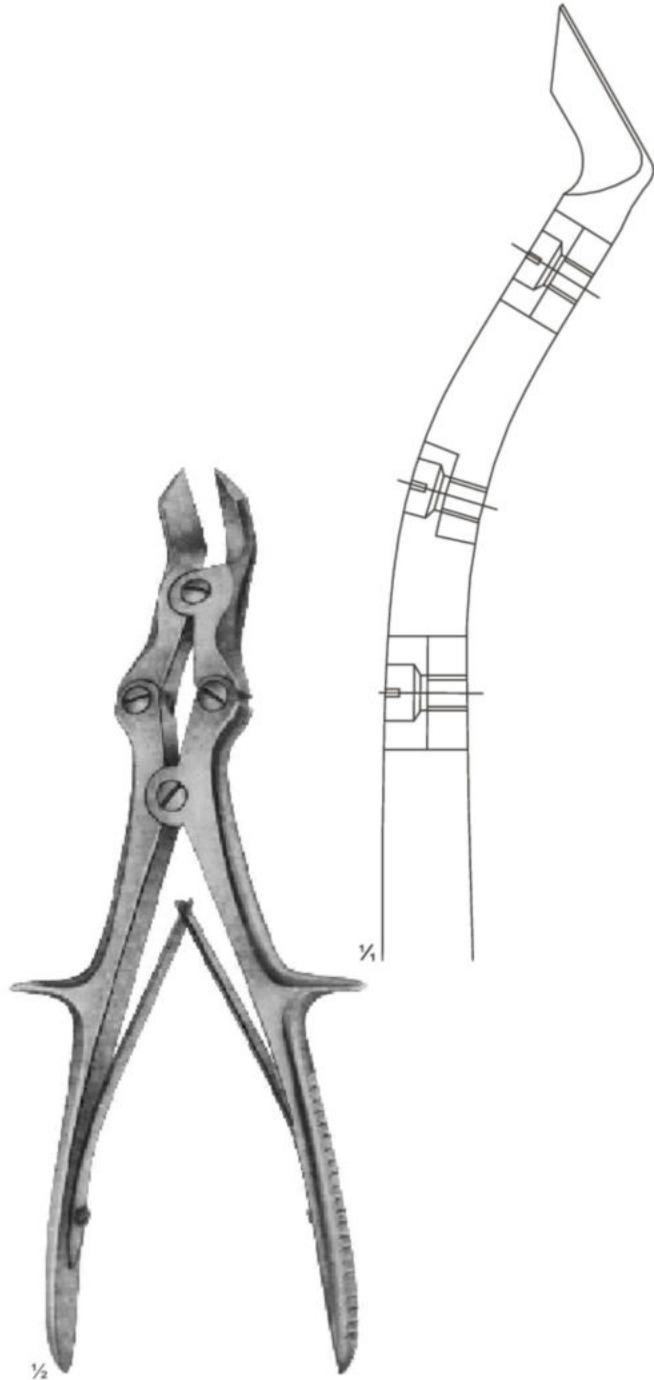


22-192  
LISTON  
curved on flat  
280 mm

SURGICAL INSTRUMENTS

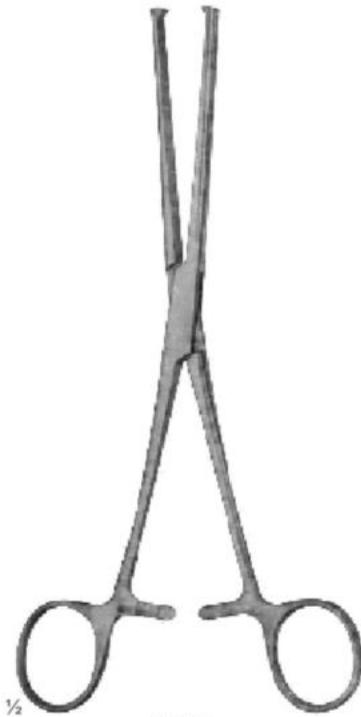


**22-193**  
LISTON-STILLE  
265 mm



**22-194**  
LISTON-KEY-HORSLEY  
(TUDOR EDWARDS)  
255 mm

SURGICAL INSTRUMENTS



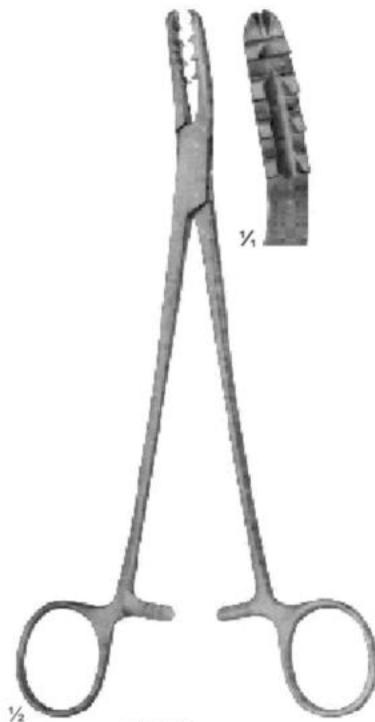
22-195  
BIRCHER  
200 mm



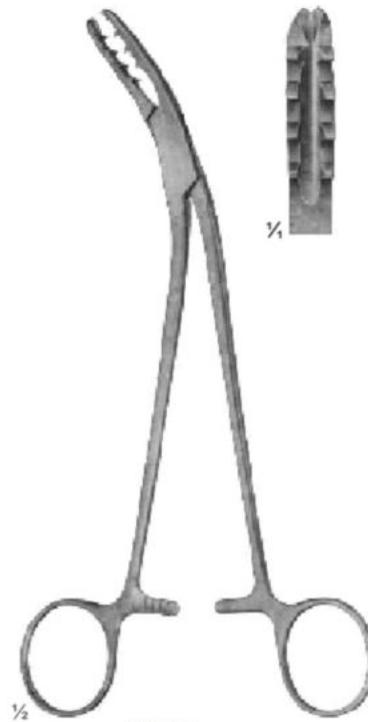
22-196  
BIRCHER  
200 mm



22-197  
WELLER  
200 mm



22-198  
BIRCHER-GANSKE  
200 mm

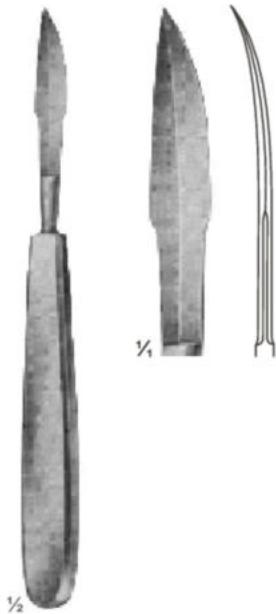


22-199  
BIRCHER-GANSKE  
200 mm

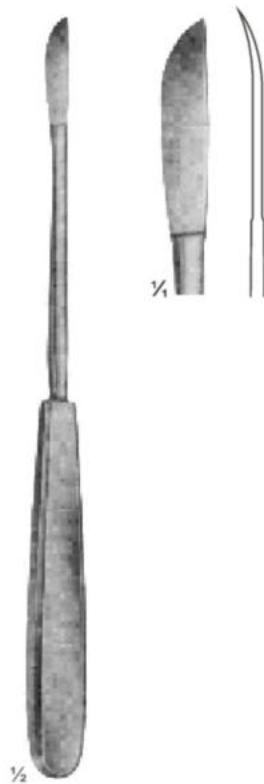


22-200  
MARTIN  
205 mm

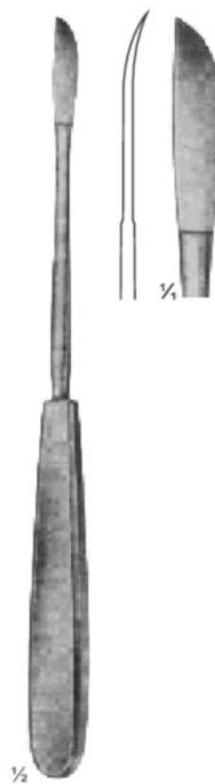
SURGICAL INSTRUMENTS



22-201  
170 mm



22-202  
NEFF  
215 mm

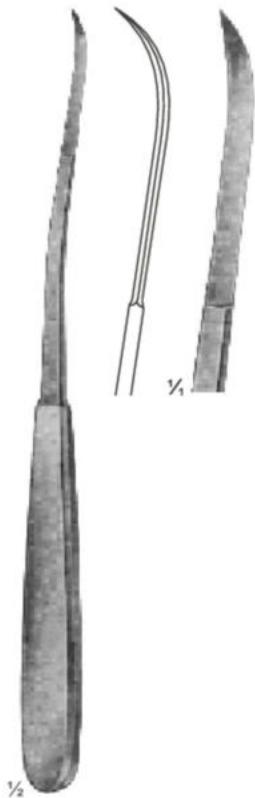


22-203  
NEFF  
215 mm



22-204  
WAGNER  
215 mm

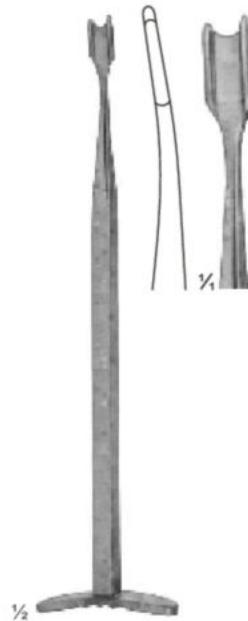
SURGICAL INSTRUMENTS



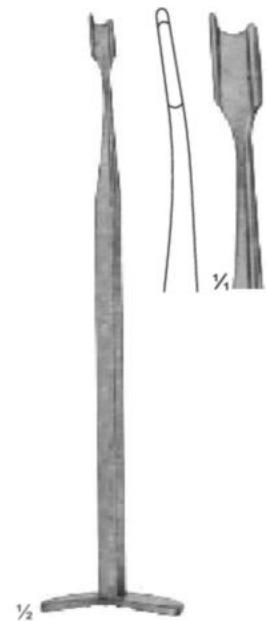
22-205  
SALENIUS  
220 mm



22-206  
CHNAD. MODELL  
200 mm

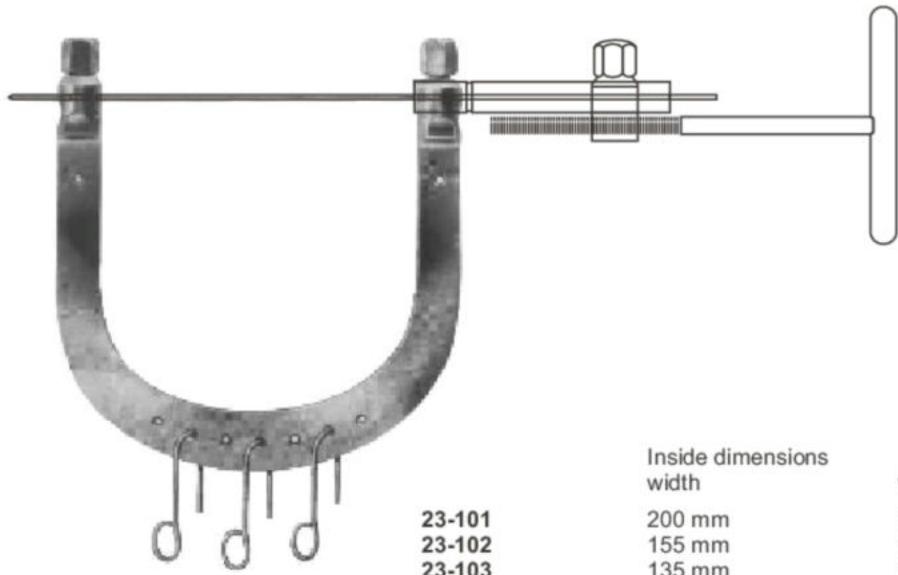


22-207  
SMILLIE  
170 mm



22-208  
SMILLIE  
170 mm

SURGICAL INSTRUMENTS



**23-101 - 107**  
KIRSCHNER  
Wire traction bows,  
to be used with  
KIRSCHNER-wires  
up to 2.5 mm diam.,  
With 3 hooks,  
stainless steel

- 23-101
- 23-102
- 23-103
- 23-104
- 23-105
- 23-106
- 23-107

Inside dimensions	width	depth
23-101	200 mm	155 mm
23-102	155 mm	155 mm
23-103	135 mm	130 mm
23-104	120 mm	120 mm
23-105	105 mm	100 mm
23-106	95 mm	110 mm
23-107	95 mm	70 mm



**23-108**  
Wrench, double - ended,  
for wire traction bows



**23-109**  
Wire tightener, with  
clamping jaws



**23-110**  
Traction hook only,  
large size

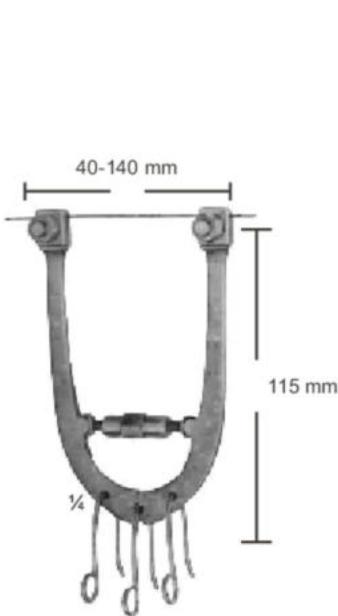


**23-111**  
Traction hook only,  
small size

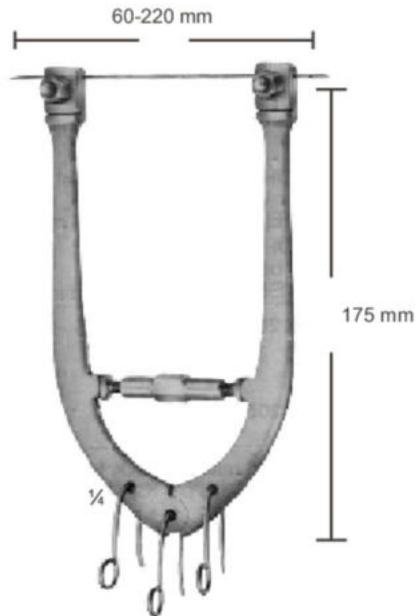


**23-112**  
Fixation clamp, to secure clamping  
jaws of stainless steel

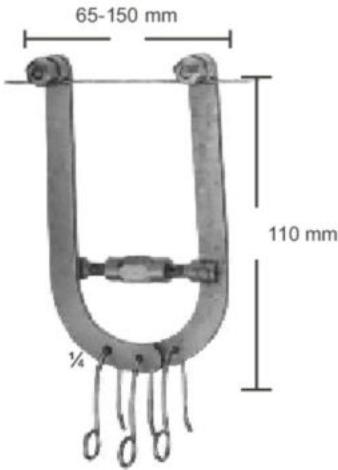
SURGICAL INSTRUMENTS



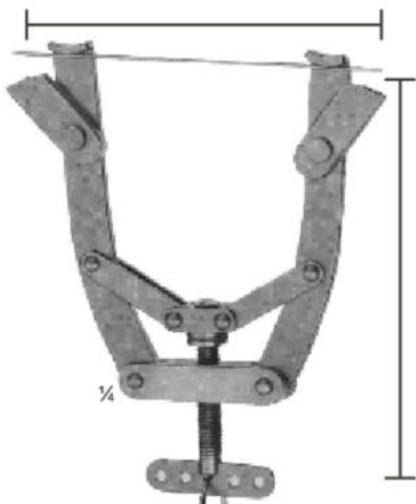
**23-113**  
Wire traction bow, adjustable, with 3 hooks, small size



**23-114**  
Wire traction bow, adjustable, with 3 hooks, large size



**23-115**  
Wire traction bow, adjustable, with 3 hooks, large size for elbow and calcaneus, for adolescents



<b>23-116</b>	105 mm
<b>23-117</b>	160 mm
<b>23-118</b>	200 mm
<b>23-116</b>	1,6 mm
<b>23-117</b>	2,0 mm
<b>23-118</b>	2,5 mm

**23-116 - 118**  
**KIRSCHNER**  
Wire traction bow, modified adjustable in with width, holds wire securely, with 1 hook



**23-119**  
Fixation disc, slotted



**23-120**  
idem, aluminum, transparent to X-rays



**23-121**  
Fixation disc, slotted



**23-122**  
Screw driver, for above fixations discs

SURGICAL INSTRUMENTS

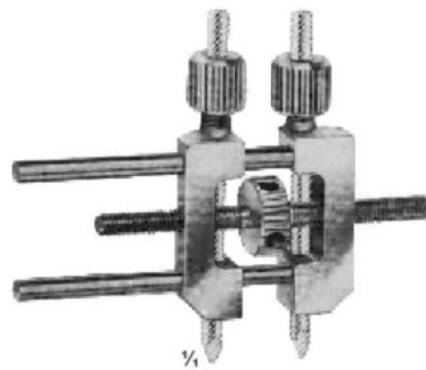


**23-123 - 130**  
Screw driver, for above  
fixations discs

Steinmann pins, 4 mm daim.	Steinmann pins, 5 mm daim.
23-123 with pin	16x9cm Arm
23-124 without pin	23-129 without
23-125 with pin	21x11cm Arm
23-126 without pin	23-130 without
23-127 with pin	21x15cm Arm
23-128 without pin	



**23-131**  
**SCHWARZ**  
Traction bow for fingers,  
to be used with KIRSCHNER-  
wire up to 1.6 mm diam.



**23-132**  
Small distractor  
as a repositioning device for  
distraction and compression of small bones,  
for wires with 3.0 mm diam.

SURGICAL INSTRUMENTS



**23-133 - 147**  
**STEINMANN**  
 triangular shaft ended and trocar point

Length	4,0 mm	5,0 mm
80 mm	23-133	
100 mm	23-134	
120 mm	23-135	
140 mm	23-136	
150 mm	23-137	23-143
160 mm	23-138	
180 mm	23-139	23-144
200 mm	23-140	23-145
210 mm	23-141	
250 mm	23-142	23-146
300 mm		23-147



$\frac{1}{4}$   
**23-148**  
 Protection cap  
 for 4,0 mm STEINMANN Pins



$\frac{1}{4}$   
**23-149**  
 Protection cap  
 for 5,0 mm STEINMANN Pins

SURGICAL INSTRUMENTS



**23-150**  
REILL  
Drilling chuck,  
cannulated,  
for shanks from  
2.0 - 2.5 mm diam  
115 mm



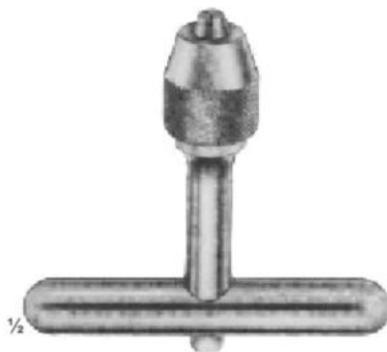
**23-151**  
Drilling chuck,  
cannulated,  
for shanks from  
0.8 - 2.0 mm diam  
150 mm



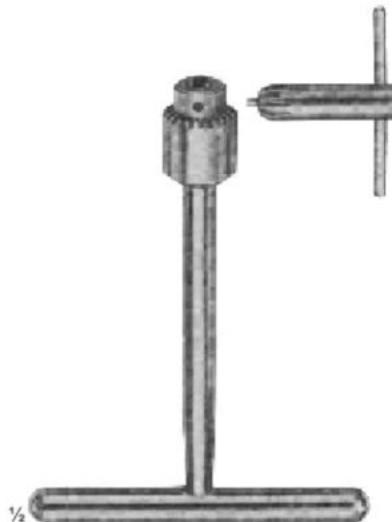
**23-152**  
Drilling chuck,  
cannulated,  
for shanks up to  
4.5 mm diam  
with key  
140 mm



**23-153**  
LOUTE  
Wire tightener, improved pattern,  
with movable tip,  
for wires up to 1.0 mm diam.  
220 mm



**23-154**  
Drilling chuck, cannulated,  
for shanks up to 6.35 mm diam.,  
To be tightened by hand  
100 mm



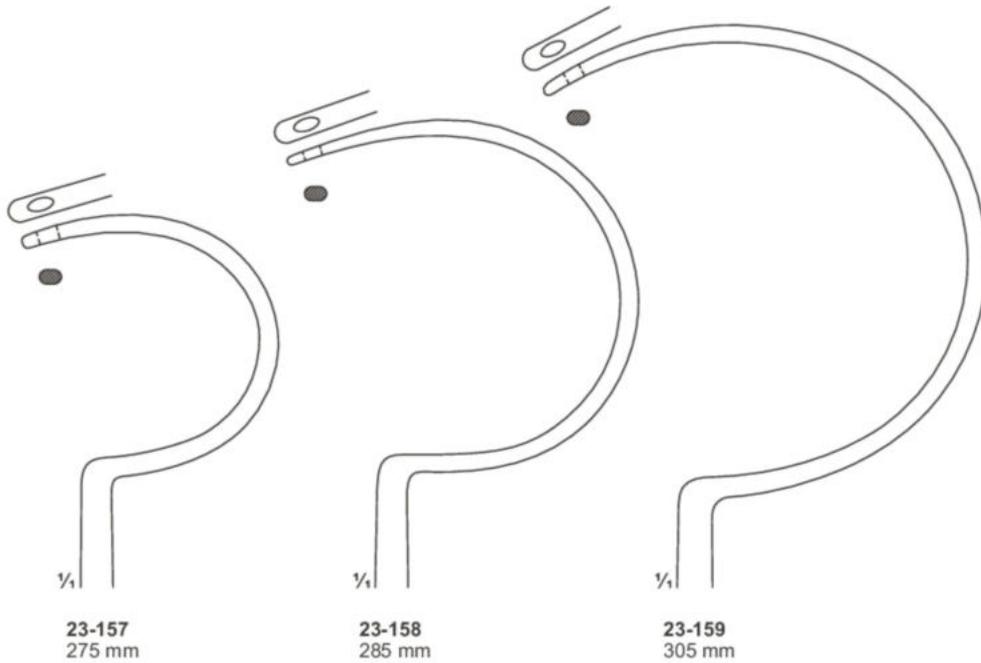
**23-155**  
Drilling chuck, cannulated,  
for shanks up to 4.5 mm diam.,  
And for triangular shaft width  
across flats 4.7 mm



**23-156**  
Drilling chuck, cannulated,  
for shanks up to 6.35 mm diam.,  
With key  
160 mm



SURGICAL INSTRUMENTS



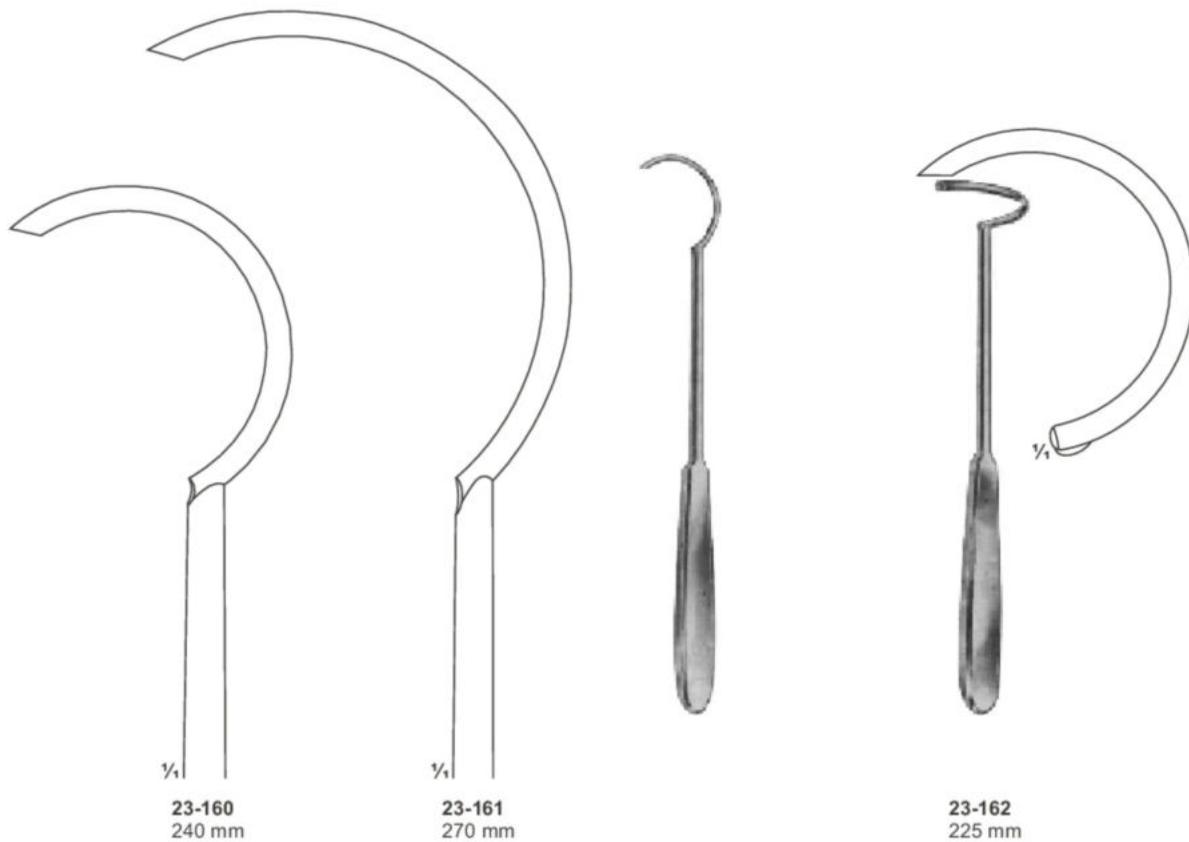
23-157  
275 mm

23-158  
285 mm

23-159  
305 mm



23-157 - 159  
DEMEL  
Wire guides



23-160  
240 mm

23-161  
270 mm

23-162  
225 mm

SURGICAL INSTRUMENTS



23-163  
JORDAN  
Wire tighener



1/2  
23-164  
JORDAN  
Wire twister  
170 mm



1/2  
23-165  
JORDAN  
Wire catcher  
180 mm



1/2  
23-166  
JORDAN  
Probe, cannulated  
170 mm

SURGICAL INSTRUMENTS



**23-167**  
DUROGRIP  
Holding forceps for cerclage wire, with lateral jaws to avoid wire slipping off  
170 mm



**23-168**  
DUROGRIP  
Wire, tightening pliers, Ligature pliers  
150 mm



**23-169**  
DUROGRIP  
Wire, tightening pliers, Ligature pliers  
150 mm



**23-170**  
with serrated jaws  
140 mm



**23-171**  
one jaws smooth, one jaws serrated  
140 mm



**23-172**  
with serrated jaws  
**23-173**  
with longitudinal and transversal grooves  
170 mm



**23-174**  
190 mm

SURGICAL INSTRUMENTS

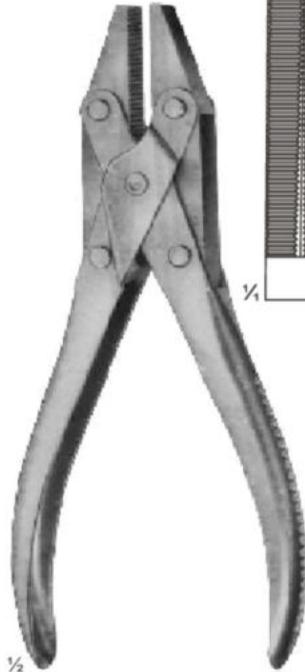


23-175  
130 mm

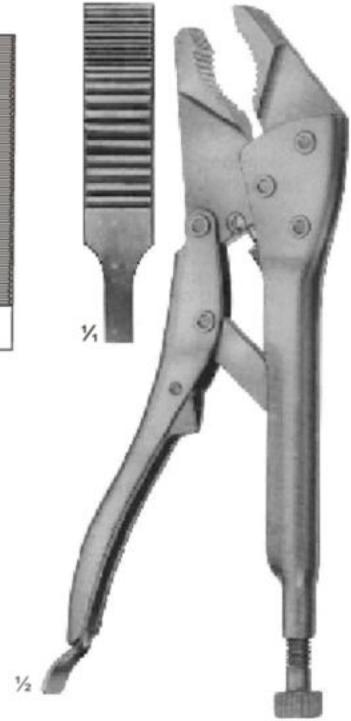
23-176  
180 mm



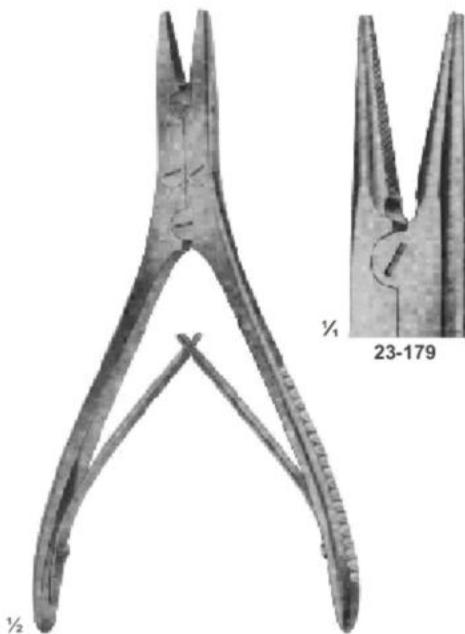
23-175 - 176  
Extraction pliers  
for boring wires



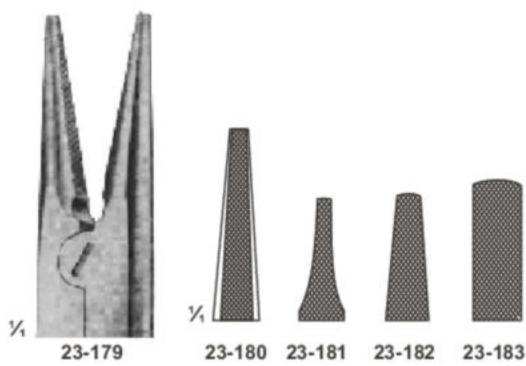
23-177  
Flat-nosed pliers,  
parallel  
185 mm



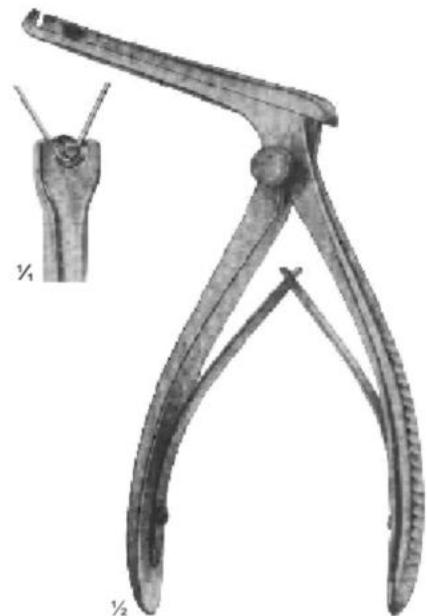
23-178  
Vise grip  
200 mm



23-179 - 183  
Round pliers  
180 mm

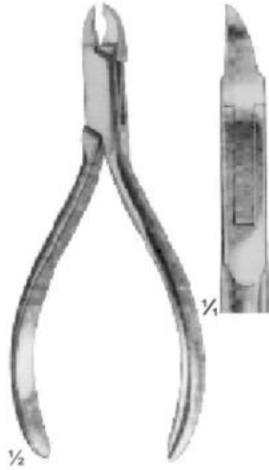


23-180  
23-181 145 mm  
23-182 180 mm  
23-183 180 mm  
Extraction pliers for wires



23-184  
Bending pliers  
for wires up to  
1.8 mm diam.

SURGICAL INSTRUMENTS

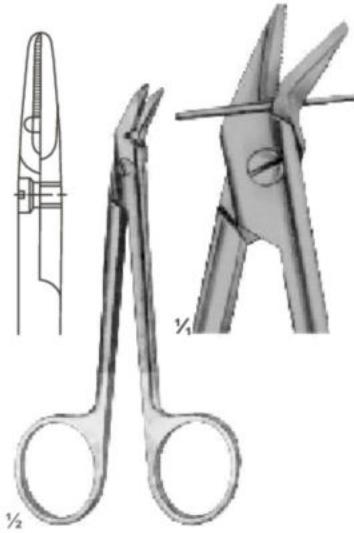


**23-185**  
ANGLE  
130 mm

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

**23-186**  
DUROTIP  
ANGLE  
130 mm

0,5 mm 0,6 mm  
0,3 mm 0,4 mm

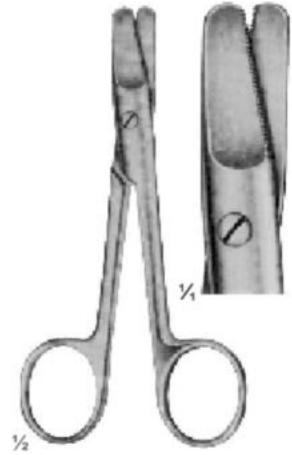


**23-187**  
120 mm

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

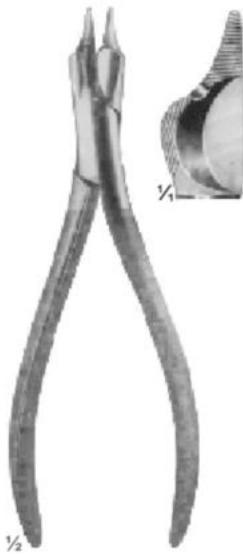
**23-188**  
DUROTIP  
120 mm

1,2 mm 1,2 mm  
0,8 mm 0,8 mm



**23-189**  
HARVEY  
125 mm

0,4 mm  
0,3 mm



**23-190**  
150 mm

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

1,5 mm  
1,0 mm



**23-191**  
160 mm

1,5 mm  
1,2 mm



**23-192**  
140 mm

1,5 mm  
1,0 mm

SURGICAL INSTRUMENTS



**23-193**  
180 mm

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



**23-194**  
REILL  
175 mm

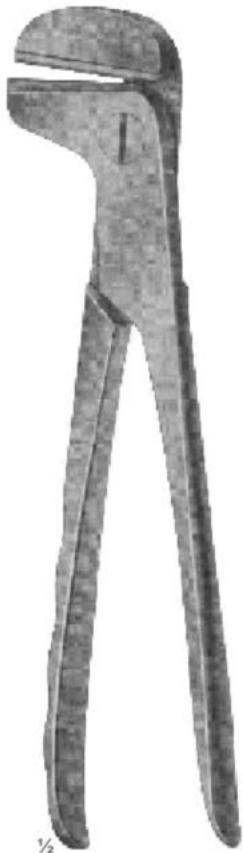
for soft wire up to diam. 2,0 mm  
For hard wire up to diam. 1,6 mm  
specially hardened cutting edges, for cutting off wires close to the bone



**23-195**  
235 mm

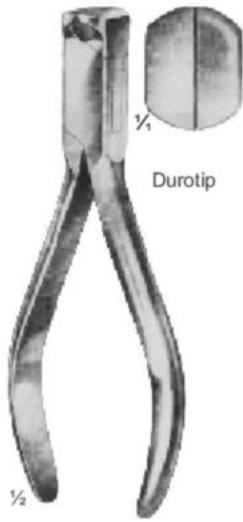
for soft wire up to diam. 3,0 mm  
For hard wire up to diam. 2,2 mm

SURGICAL INSTRUMENTS



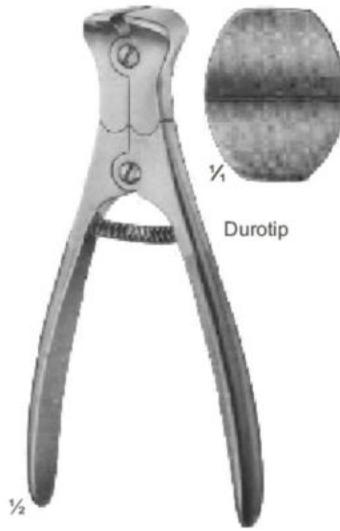
1/2  
**23-196**  
240 mm

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



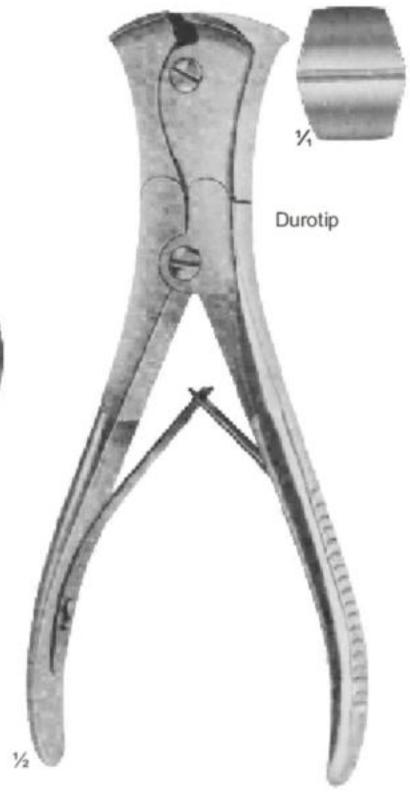
1/2  
**23-197**  
140 mm

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



1/2  
**23-198**  
145 mm

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



1/2  
**23-199**  
220 mm

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

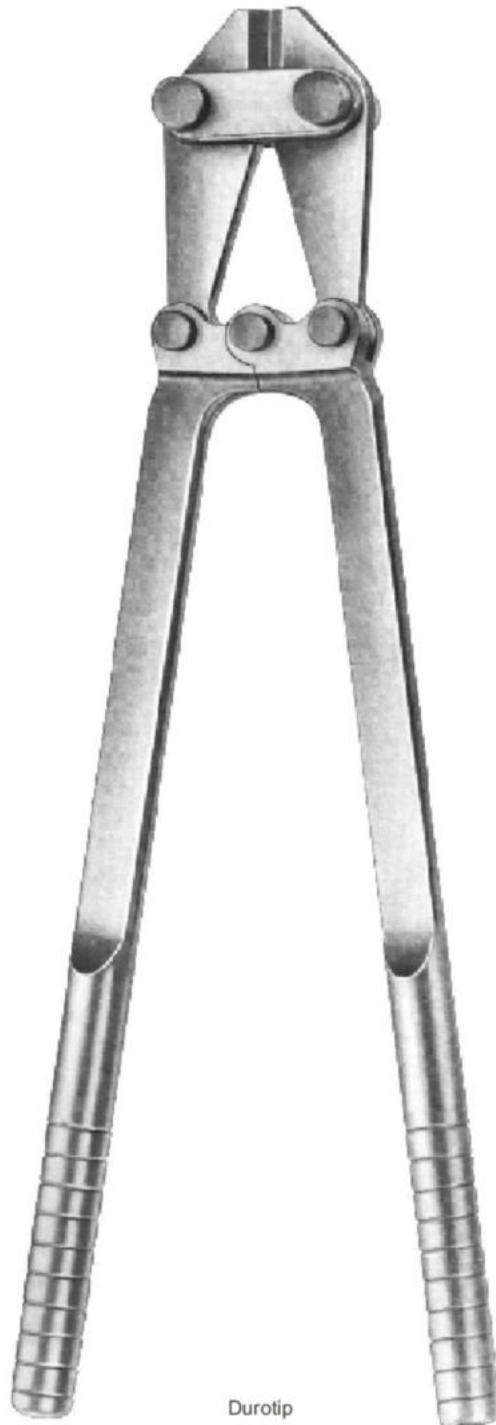
SURGICAL INSTRUMENTS



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

23-200  
320 mm

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

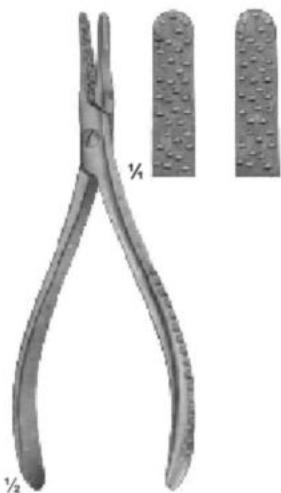


Durotip

23-201  
Cutter for cutting off  
KIRSCHNER wires,  
Tibia head screws,  
bolts, pins, up to 6 mm diam.  
470 mm



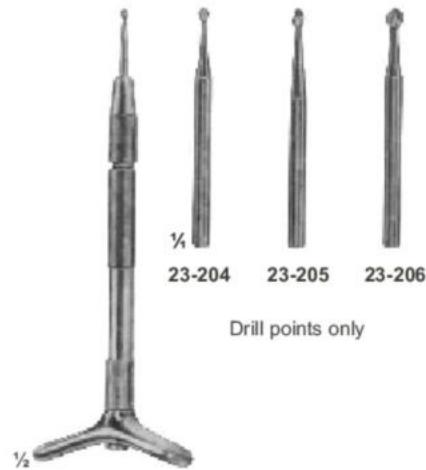
SURGICAL INSTRUMENTS



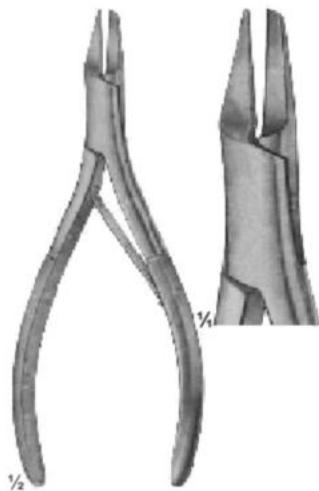
**23-202**  
Nail extracting  
forceps  
135 mm



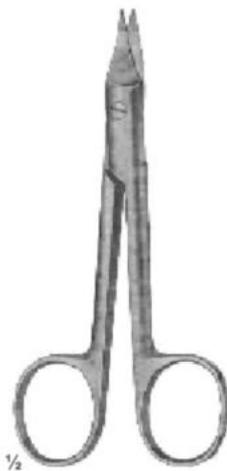
**23-203**  
Nail extracting  
forceps  
145 mm



**23-204 - 206**  
Finger nail drill  
with 3 points



**23-207**  
Nail splitting  
forceps  
135 mm



**23-208**  
SYSTRUNK  
Scissors, for splitting  
finger nails  
130 mm



**23-209**  
Finger ring saw  
150 mm

Spare blade

SURGICAL INSTRUMENTS



with ebony handle

24-101  
HOPKINS  
200 mm



24-102  
ESMARCH  
180 mm



24-103  
ENGEL  
160 mm



24-104 - 112

24-104	black	24-108	yellow
24-105	red	24-109	white
24-106	blue	24-110	orange
24-107	green	24-111	lavender
		24-112	bright pink



24-113 - 121

24-113	black	24-117	yellow
24-114	red	24-118	white
24-115	blue	24-119	orange
24-116	green	24-120	lavender
		24-121	bright pink

SURGICAL INSTRUMENTS

For small plaster dressings





24-129  
STILLE-AESCULAP  
260 mm



24-130  
STILLE-AESCULAP  
360 mm

SURGICAL INSTRUMENTS

Blade with reinforced back



24-131  
STILLE  
230 mm

24-132  
Spare blade



24-133  
STILLE  
370 mm

24-134  
Spare blade



24-135  
STILLE  
240 mm

24-136  
Spare blade



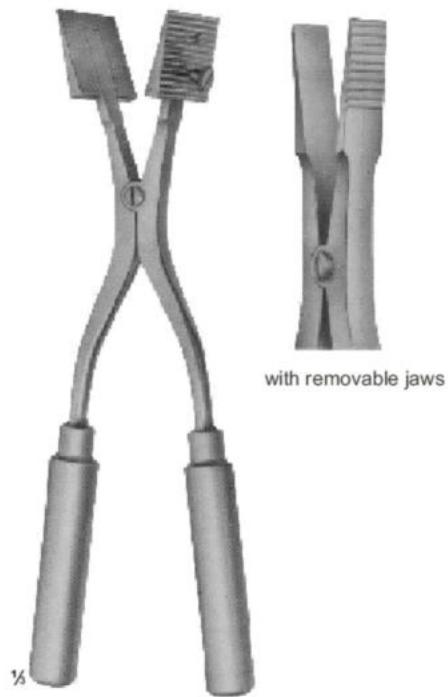
SURGICAL INSTRUMENTS



24-137  
HENING  
270 mm



24-138  
MOD.USA  
230 mm

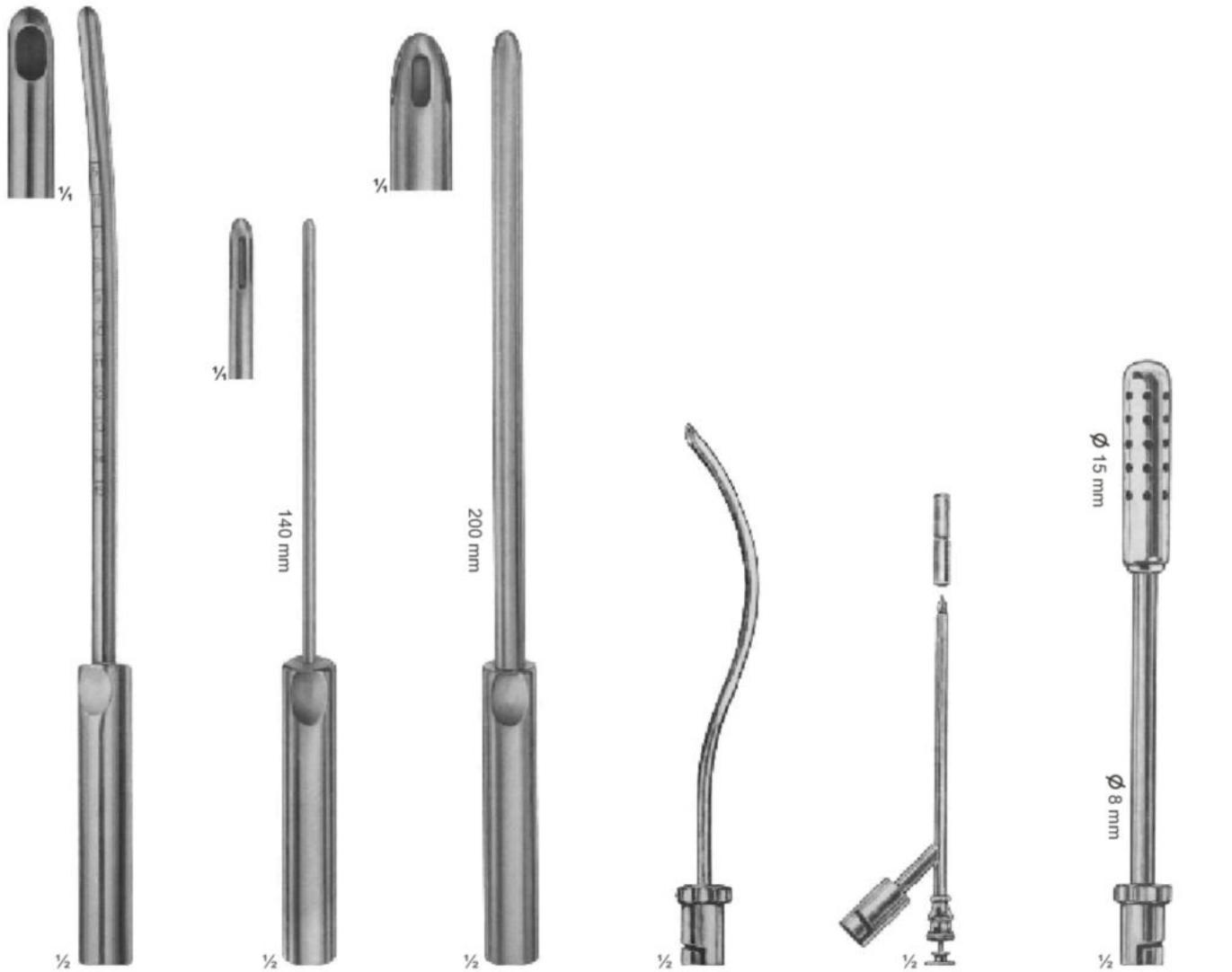


24-139  
290 mm



24-140 - 141  
WOLFF  
24-140 180 mm  
24-141 240 mm

SURGICAL INSTRUMENTS



**25-101 - 106**  
BIEMER  
25-101 ø 4 mm  
25-102 ø 6 mm  
25-103 ø 8 mm  
25-104 ø 10 mm  
25-105 ø 12 mm  
25-106 ø 14 mm  
Curettes for aspiration  
lipectomy, graduated,  
slightly curved

**25-107 - 108**  
BIEMER  
25-107 ø 4 mm  
25-108 ø 6 mm  
Curettes for aspiration  
lipectomy, with three  
apertures, slightly curved  
malleable

**25-109 - 111**  
BIEMER  
25-109 ø 8 mm  
25-110 ø 10 mm  
25-111 ø 12 mm  
Curettes for aspiration  
lipectomy, with three  
apertures, slightly curved  
malleable

**25-112**  
For aspirating  
fluid from the excretory  
ducts of large glands  
and for keeping the  
operating area clear  
170 mm

**25-113**  
Trocar  
For puncturing  
150 mm

**25-114**  
For clearing  
large quantities  
of fluid  
190 mm



SURGICAL INSTRUMENTS



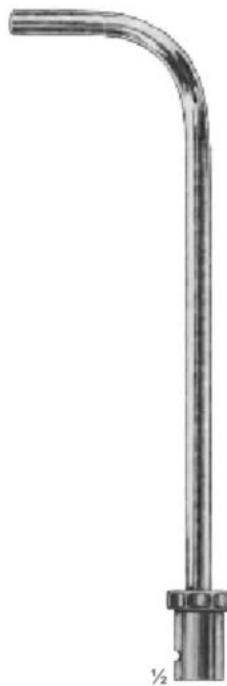
**25-115**  
Trocar  
For puncturing  
170 mm



**25-116**  
Hollow needle,  
sharp  
150 mm



**25-117**  
double curved  
For general  
surgery  
230 mm

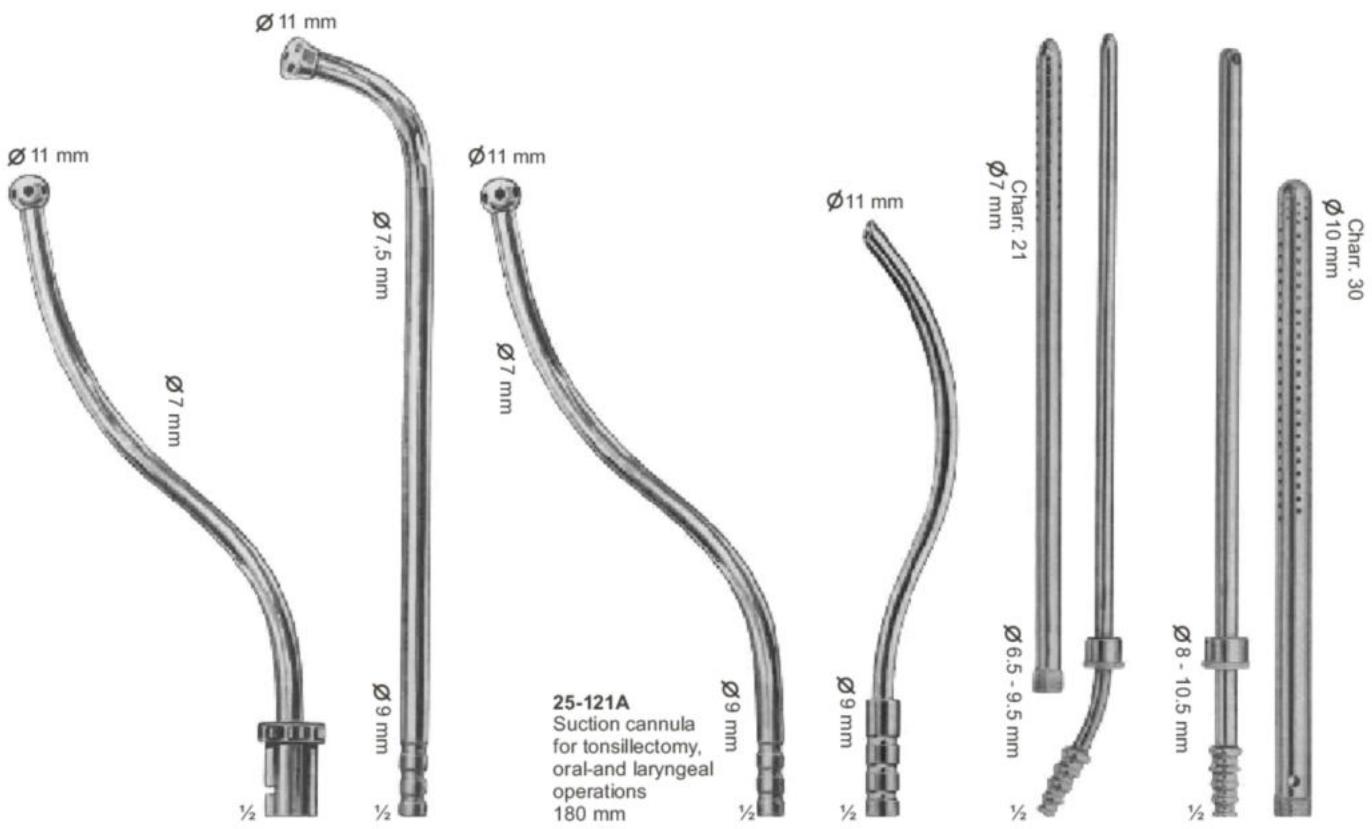


**25-118**  
For tonsillectomy,  
oral and laryngeal  
operations  
190 mm



**25-119**  
For tonsillectomy,  
oral and laryngeal  
operations  
220 mm

SURGICAL INSTRUMENTS



**25-120**  
For tonsillectomy,  
oral-and laryngeal  
operations  
180 mm

**25-121**  
Suction cannula  
for tonsillectomy,  
oral-and laryngeal  
operations  
220 mm

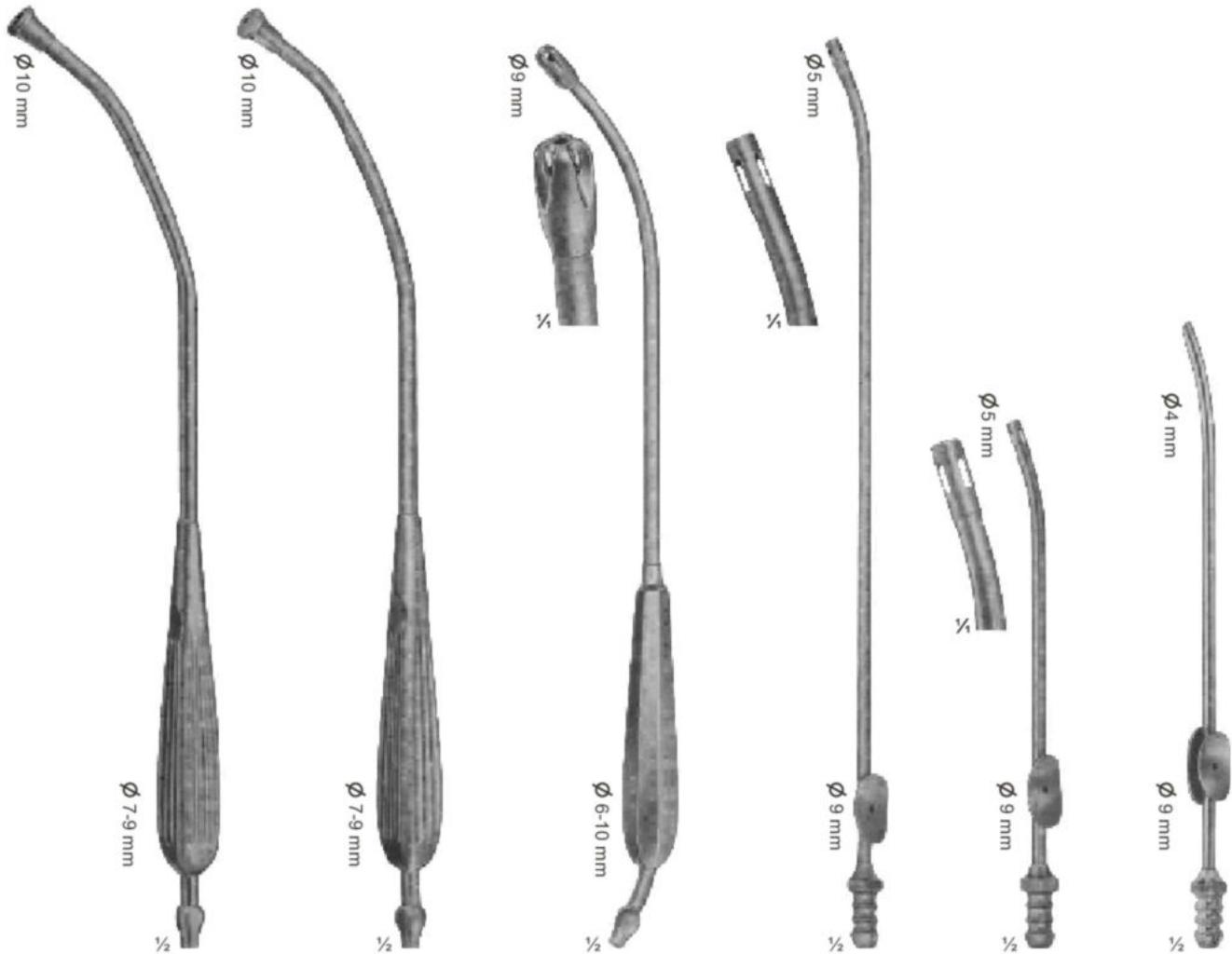
**25-121A**  
Suction cannula  
for tonsillectomy,  
oral-and laryngeal  
operations  
180 mm

**25-122**  
S-shaped blunt cannula  
for aspirating fluid from  
the excretory ducts of  
large glands and for  
keeping the operations  
area clear  
170 mm

**25-123**  
POOL  
Suction cannula,  
with outer tube  
to be screwed of  
225 mm

**25-124**  
POOL  
Suction cannula,  
with outer tube  
to be screwed of  
225 mm

SURGICAL INSTRUMENTS



**22-125**  
YANKAUER  
with especially large  
central bore, 4,8 mm  
diam.  
285 mm

**22-126**  
YANKAUER  
with central bore,  
2,0 mm diam.  
285 mm

**22-127**  
DE-BAKEY  
with central bore,  
3,0 mm diam.with  
lateral slots  
275 mm

**22-128**  
DE-BAKEY  
with finger cut-off  
and stylet  
270 mm

**22-129**  
DE-BAKEY  
with finger cut-off  
and stylet  
160 mm

**22-130**  
with finger  
cut-off  
190 mm

SURGICAL INSTRUMENTS



mm 6-9  
 25-131 Ø 1,5 mm  
 25-132 Ø 2,0 mm  
 25-133 Ø 2,5 mm  
 25-134 Ø 3,0 mm

**25-131 - 134**  
**PLESTER**  
 with finger cut-off and  
 stylet, thumb piece  
 parallel to curved, with  
 LUER hub  
 195 mm



mm 6-9  
 25-135 Ø 2,0 mm  
 25-136 Ø 2,5 mm  
 25-137 Ø 3,0 mm  
 25-138 Ø 4,0 mm  
 25-139 Ø 5,0 mm

**25-135 - 139**  
**FERGUSON**  
 with finger cut-off and  
 stylet, thumb piece  
 90° to curved, with  
 LUER hub  
 180 mm



mm 6-9

**25-140** Ø 4,0 mm  
**FERGUSON**  
 insulated, with finger cut-off  
 and stylet, thumb piece 90°  
 to curved, with LUER hub  
 180 mm



mm 6-9

**25-141** Ø 3,0 mm  
**25-142** Ø 5,0 mm  
**FRAZIER**  
 insulated, with finger  
 cut-off and stylet, thumb  
 piece 90° to curved,  
 with LUER hub  
 180 mm



mm 6-9

**25-143**  
 5,0 mm diam., Tip  
 6,5 mm wide, Nasal  
 suction tube, with  
 LUER hub  
 180 mm



**25-144** Ø 4,5 mm  
**25-145** Ø 5,5 mm  
 Nasal suction  
 tubes  
 175 mm



**25-146**  
**GORNEY**  
 Suction dissector  
 180 mm



mm 6-10

**25-147** 4 mm wide  
**25-148** 5 mm wide  
 Suction raspatories,  
 sharp, bayonet-shaped,  
 with stylet  
 200 mm



mm 9

**25-149**  
**LOPEZ-REINKE**  
 Tonsil dissector with  
 suction device  
 235 mm

SURGICAL INSTRUMENTS

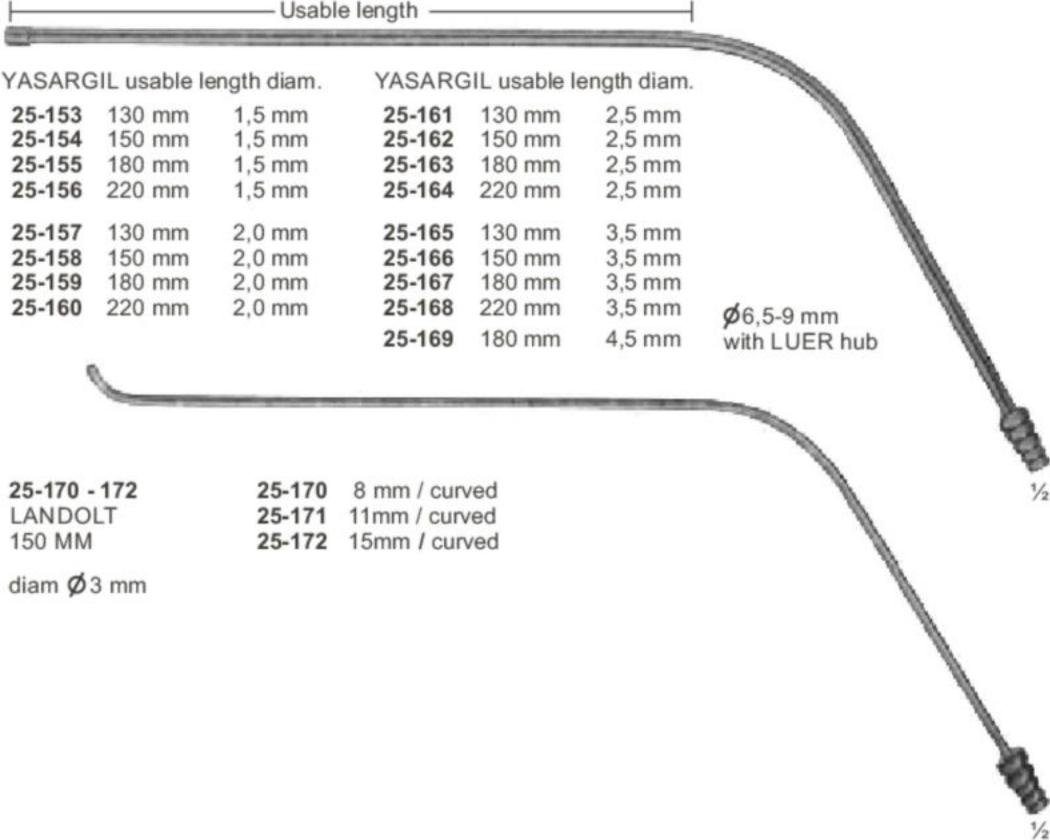
**25-150**  
**WULLSTEIN**  
 Suction tube, conical, silver, oliver  
 with LUER hub  
 160 mm

Ø1,75 mm

Ø3 mm  
 1/2  
 Ø8 mm

**25-151** 1,5 mm  
**25-152** 2,0 mm  
**WULLSTEIN**  
 Suction tube, cylindrical, silver, with  
 stylet with LUER hub  
 160 mm

Ø8 mm

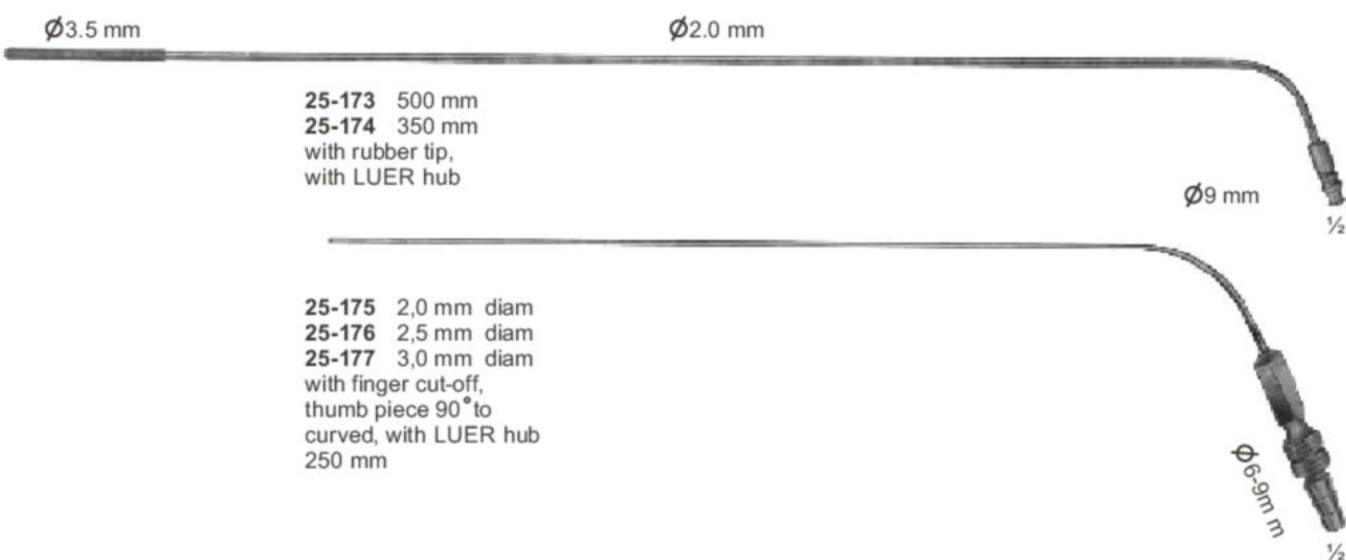


YASARGIL usable length diam.		YASARGIL usable length diam.	
<b>25-153</b>	130 mm 1,5 mm	<b>25-161</b>	130 mm 2,5 mm
<b>25-154</b>	150 mm 1,5 mm	<b>25-162</b>	150 mm 2,5 mm
<b>25-155</b>	180 mm 1,5 mm	<b>25-163</b>	180 mm 2,5 mm
<b>25-156</b>	220 mm 1,5 mm	<b>25-164</b>	220 mm 2,5 mm
<b>25-157</b>	130 mm 2,0 mm	<b>25-165</b>	130 mm 3,5 mm
<b>25-158</b>	150 mm 2,0 mm	<b>25-166</b>	150 mm 3,5 mm
<b>25-159</b>	180 mm 2,0 mm	<b>25-167</b>	180 mm 3,5 mm
<b>25-160</b>	220 mm 2,0 mm	<b>25-168</b>	220 mm 3,5 mm
		<b>25-169</b>	180 mm 4,5 mm

Ø6,5-9 mm  
 with LUER hub

**25-170 - 172**  
**LANDOLT**  
 150 MM  
 diam Ø3 mm

**25-170** 8 mm / curved  
**25-171** 11mm / curved  
**25-172** 15mm / curved



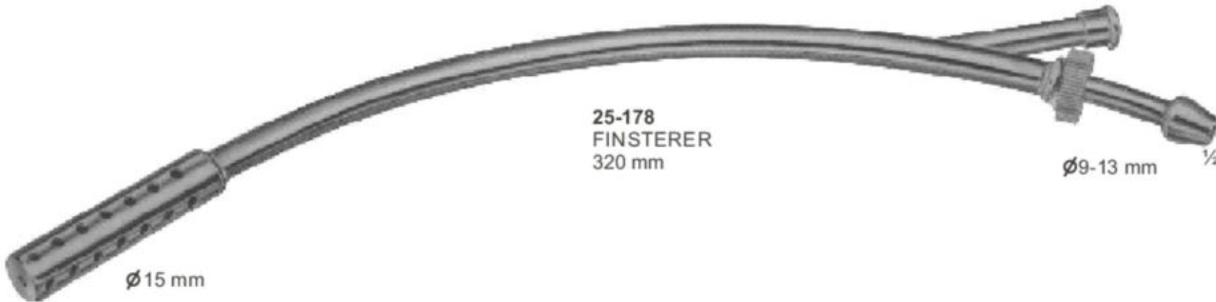
**25-173** 500 mm  
**25-174** 350 mm  
 with rubber tip,  
 with LUER hub

Ø9 mm  
 1/2

**25-175** 2,0 mm diam  
**25-176** 2,5 mm diam  
**25-177** 3,0 mm diam  
 with finger cut-off,  
 thumb piece 90° to  
 curved, with LUER hub  
 250 mm

Ø6-9mm  
 1/2

SURGICAL INSTRUMENTS

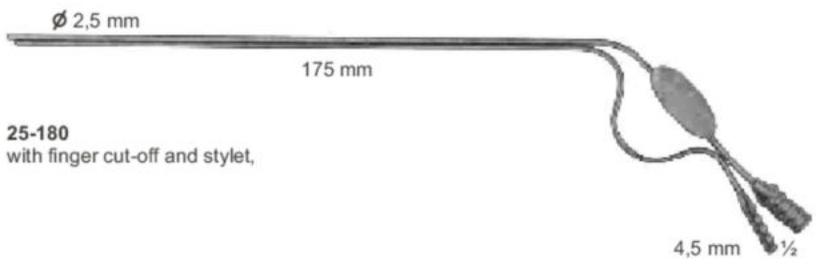


25-178  
FINSTERER  
320 mm

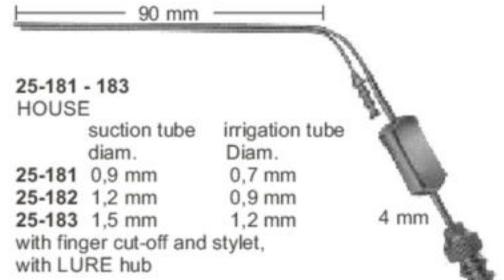
Ø9-13 mm 1/2



25-179  
YASARGIL  
LURE-LOCK cone  
200 mm



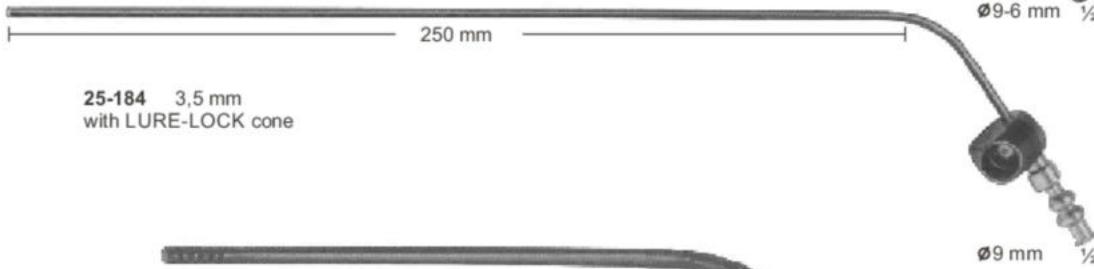
25-180  
with finger cut-off and stylet,



25-181 - 183  
HOUSE

	suction tube diam.	irrigation tube Diam.
25-181	0,9 mm	0,7 mm
25-182	1,2 mm	0,9 mm
25-183	1,5 mm	1,2 mm

with finger cut-off and stylet, with LURE hub



25-184 3,5 mm  
with LURE-LOCK cone



25-185  
LANDOLT  
with finger cut-off and stylet, can be sterilized in an autoclave up to 3 bar (143 °C)

Connection for suction hose

4 mm diam., Untranished contact to be touched by HF-eleatrodes

SURGICAL INSTRUMENTS



**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

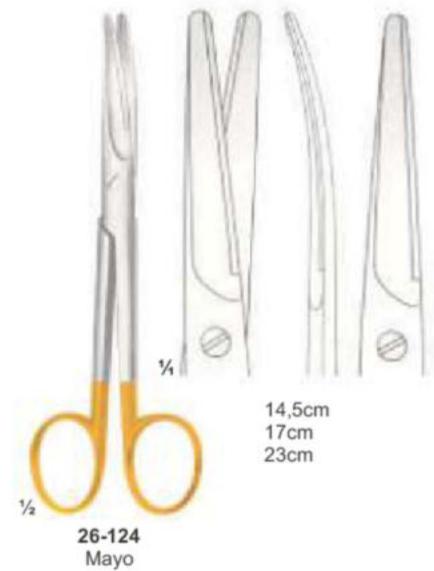
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



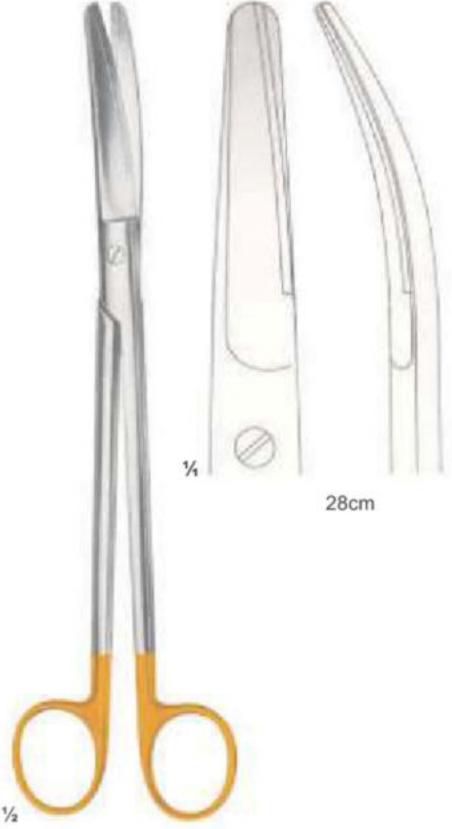
SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



26-125  
Parametrium



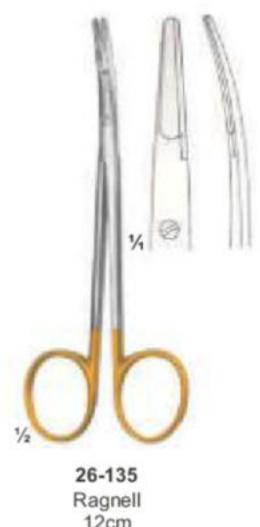
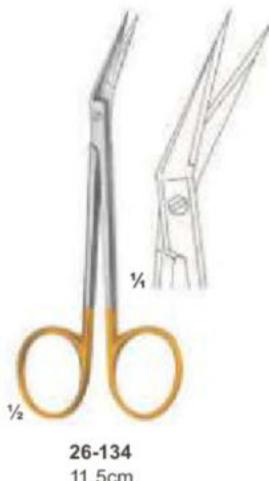
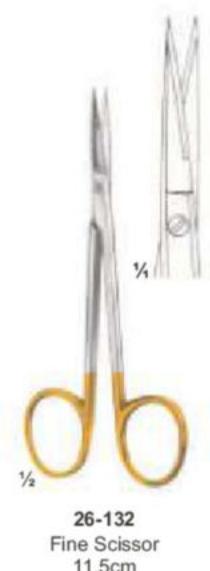
26-126  
Mayo-Harrington



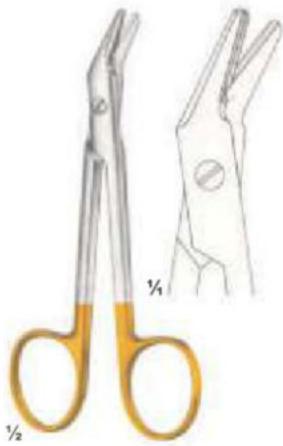
26-127  
Sims



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



**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

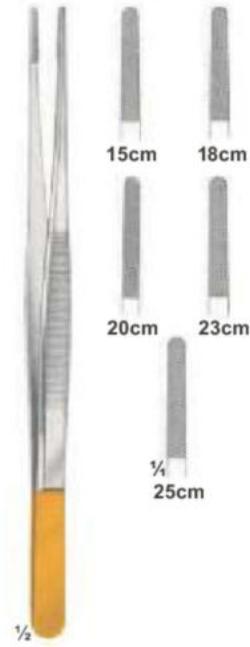


**26-143**  
Semken  
15cm

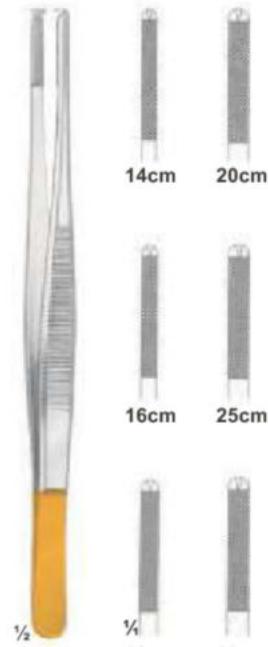
SURGICAL INSTRUMENTS



26-144  
Wangenstein



26-145  
Potts-Smith



26-146  
Oehler



26-147  
Potts-Smith  
22cm



26-148  
Hepp-Scheidle  
18cm



26-149  
Castroviejo  
14cm



26-150  
Castroviejo  
14cm



26-151  
Arruga  
16cm



SURGICAL INSTRUMENTS



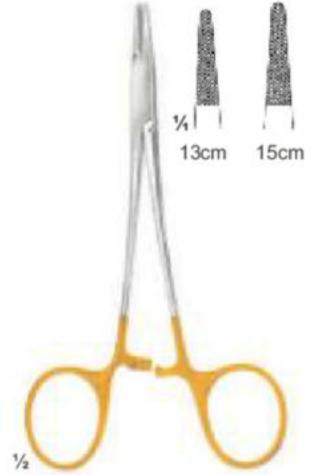
**26-152**  
Arruga  
16cm



**26-153**  
Castroviejo  
13cm



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



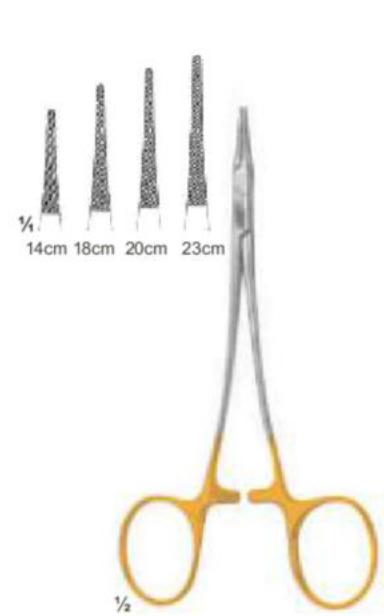
**26-155**  
Halsey  
13cm 15cm



**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



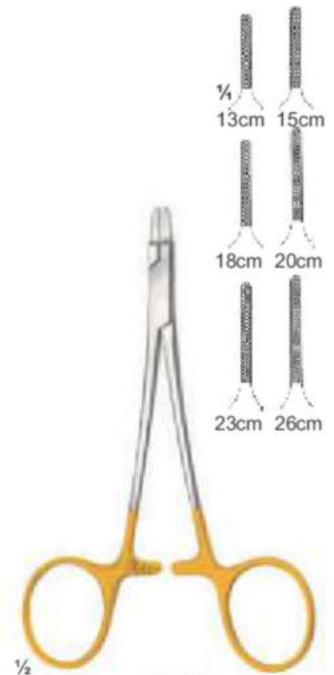
SURGICAL INSTRUMENTS



1/2  
**26-159**  
Bozemann-Wertheim  
20cm 24cm 26cm



1/2  
**26-160**  
Stratte  
22cm 23cm



1/2  
**26-161**  
Ryder  
13cm 15cm 18cm  
20cm 23cm 26cm



1/2  
**26-162**  
Ryder-Vascular  
13cm 15cm 18cm  
20cm 23cm 26cm



1/2  
**26-163**  
Martin  
15cm 17cm 20cm



1/2  
**26-164**  
Sarot  
18cm 20cm 26cm



SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS



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



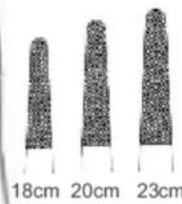
1/2  
**26-176**  
Luehty-Beck  
20cm 25cm



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

SURGICAL INSTRUMENTS

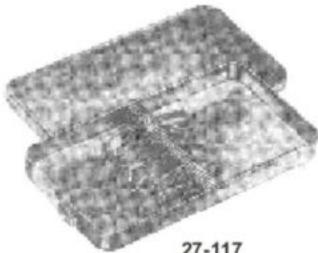


**27-101 - 115**  
Schimmelbusch

	Ø x H sizes in mm
<b>27-101</b>	80 x 80
<b>27-102</b>	105 x 120
<b>27-103</b>	140 x 140
<b>27-104</b>	160 x 120
<b>27-105</b>	160 x 150
<b>27-106</b>	190 x 150
<b>27-107</b>	190 x 190
<b>27-108</b>	240 x 160
<b>27-109</b>	240 x 240
<b>27-110</b>	290 x 160
<b>27-111</b>	290 x 240
<b>27-112</b>	340 x 160
<b>27-113</b>	340 x 340
<b>27-114</b>	390 x 190
<b>27-115</b>	390 x 290



**27-116**  
Box  
120 x 65 x 13mm  
(without Bulldog clamps,  
without silicone tape)



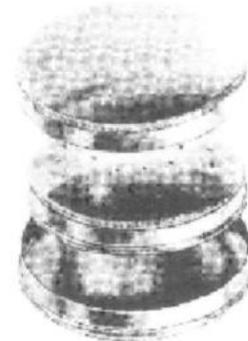
**27-117**  
Box with support  
120 x 65 x 13 mm  
(ohne Bulldogklemmen)



**27-118**  
Box with support for  
needle electrodes,  
without instruments

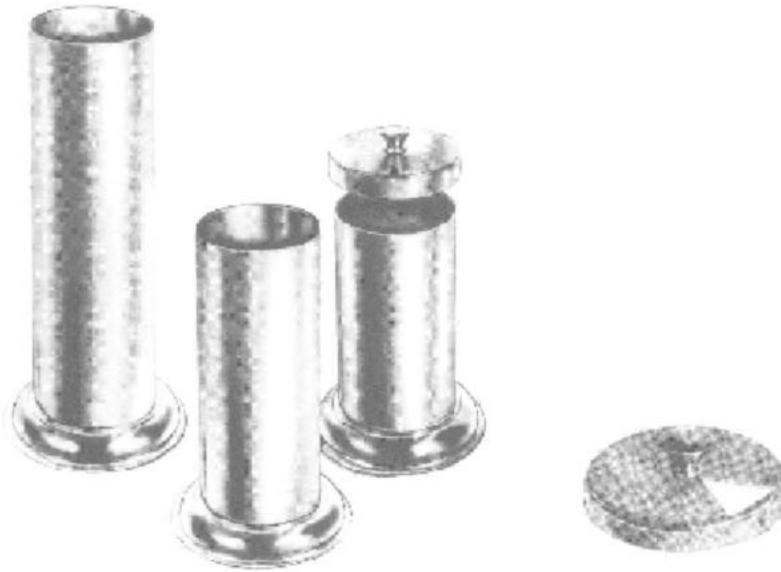


**27-119 - 121**  
50 x 25 x 4,5 mm  
**27-120**  
65 x 42 x 8 mm  
**27-121**  
75 x 25 x 4,5 mm



**27-122**  
Ø 65mm x 15mm

SURGICAL INSTRUMENTS



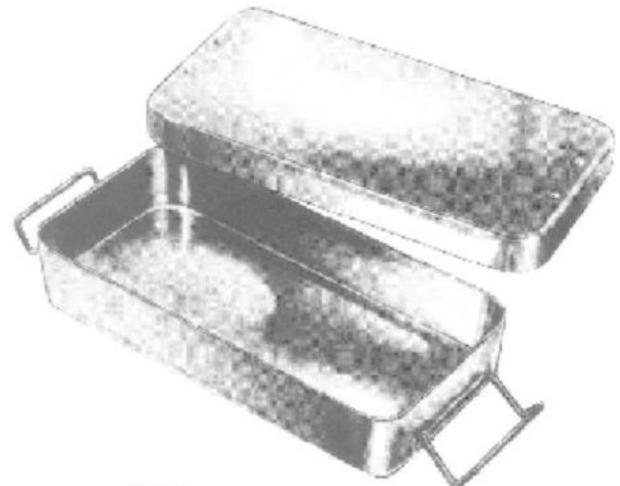
27-123 - 131

	Ø x H
27-123	30 x 90 mm
27-124	50 x 100 mm
27-125	50 x 130 mm
27-126	50 x 175 mm
27-127	75 x 100 mm
27-128	75 x 130 mm
27-129	75 x 175 mm
27-130	100 x 175 mm
27-131	100 x 200 mm



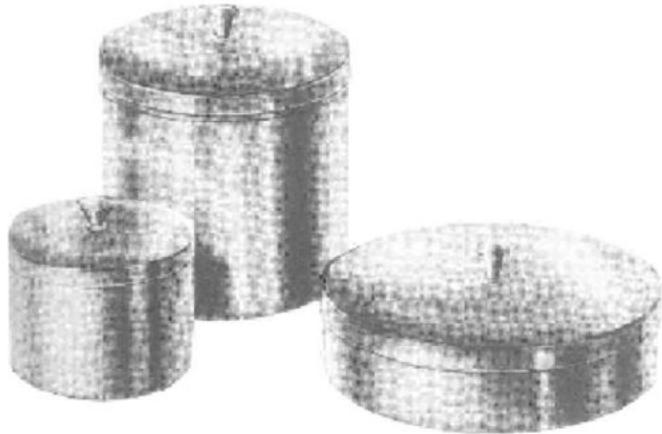
27-132 - 139

27-132	165 x 85 x 35 mm
27-133	200 x 100 x 35 mm
27-134	200 x 100 x 50 mm
27-135	230 x 130 x 50 mm
27-136	260 x 150 x 50 mm
27-137	270 x 235 x 50 mm
27-138	300 x 200 x 50 mm
27-139	325 x 275 x 50 mm



27-140  
205 x 105 x 35 mm

SURGICAL INSTRUMENTS



27-143 - 148

	Ø x H
27-143	75 x 60 mm
27-144	75 x 75 mm
27-145	100 x 60 mm
27-146	100 x 100 mm
27-146A	125 x 80 mm
27-147	125 x 125 mm
27-148	150 x 150 mm



27-149  
25 cc

27-150  
50 cc



27-151  
20 cc  
Medicine Spoon



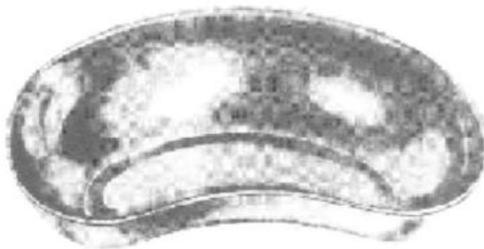
27-152  
Ø75 x 12 mm  
Tablet Tray



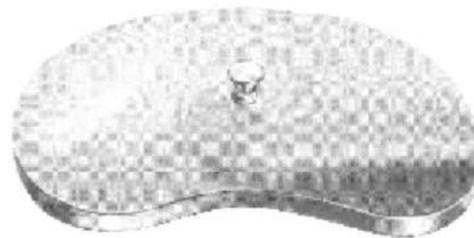
27-153  
Ø90 x 90 mm  
Metal Cup



27-154  
Ø75 x 80 mm  
Sputum Cup

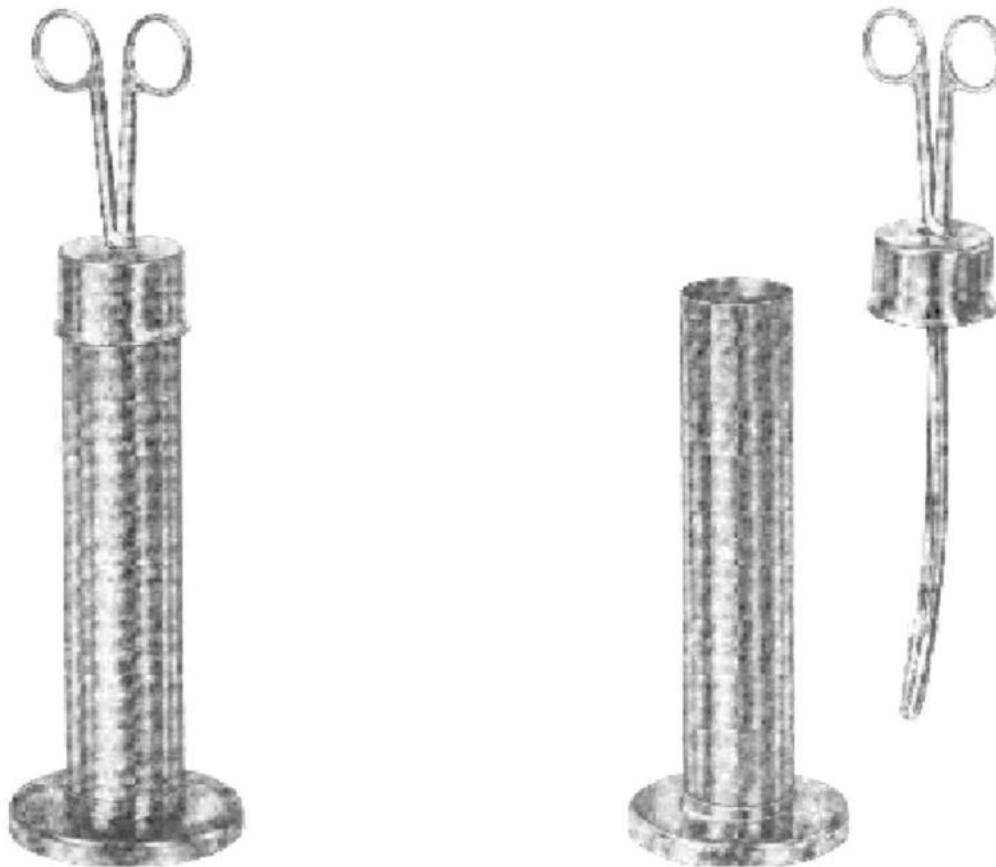


Kidney Dish



27-155 - 157

27-155	170 x 100 x 35 mm
27-156	250 x 140 x 40 mm
27-157	275 x 150 x 45 mm

**27-141 - 142**

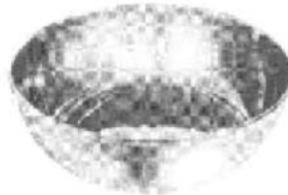
- 27-141** | Martin Sterilizing Forceps  
consisting of:  
1 Sterilizing Forceps, curved, 25 cm,  
without ratchet, with lid for jar  
1 jar with bottom plate (anti-tilt)
- 27-142** | ditto, with 32 cm long Sterilizing Forceps

SURGICAL INSTRUMENTS



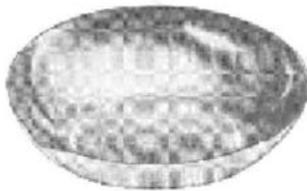
27-158 - 165

	Ø x H		
27-158	40 x 19 mm	0.05L	
27-159	61 x 30 mm	0.07L	
27-160	80 x 40 mm	0.14L	
27-161	116 x 50 mm	0.35L	
27-162	128 x 55 mm	0.45L	
27-163	147 x 65 mm	0.70L	
27-164	167 x 75 mm	1.10L	
27-165	187 x 85 mm	1.60L	

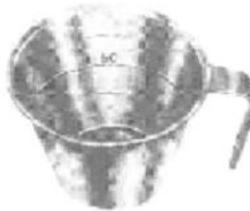


27-166 - 170

27-166	116 x 35 mm	0.30L
27-167	128 x 38 mm	0.40L
27-168	147 x 40 mm	0.50L
27-169	157 x 45 mm	0.75L
27-170	187 x 45 mm	1.00L



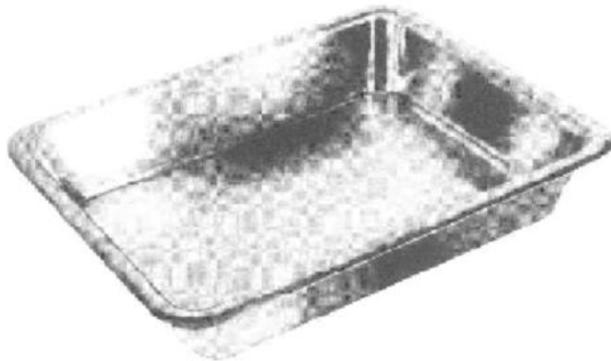
27-171  
Ø 110 x 28 mm 0.15L



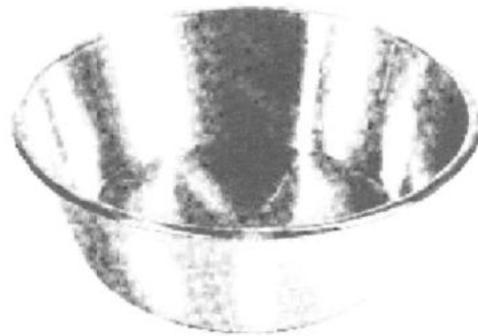
27-172  
100 cc 0.1L



27-173 - 176  
27-173 0.25L  
27-174 0.50L  
27-175 1.00L  
27-176 2.00L

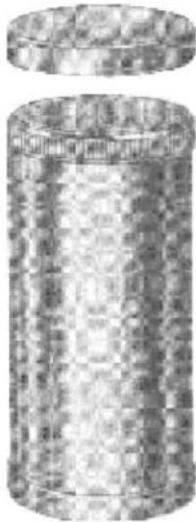


27-177  
235 x 190 x 40 mm

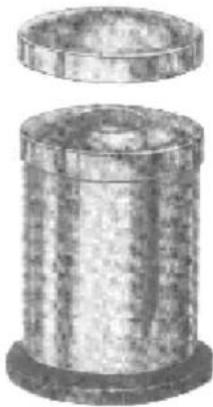


27-178  
Ø220 x 70 mm

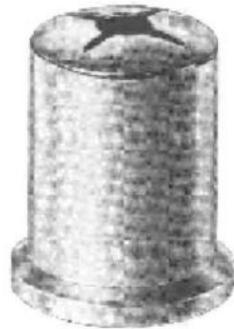
SURGICAL INSTRUMENTS



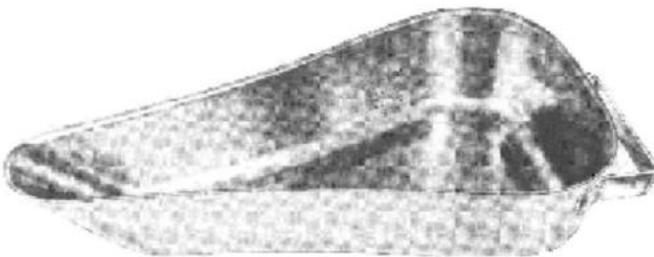
27-179  
 Ø 50 x 100 mm  
 Powder Pot



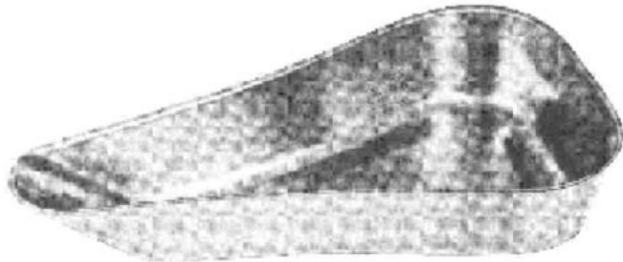
27-180  
 Ø 50 x 75 mm  
 Methot With Lid



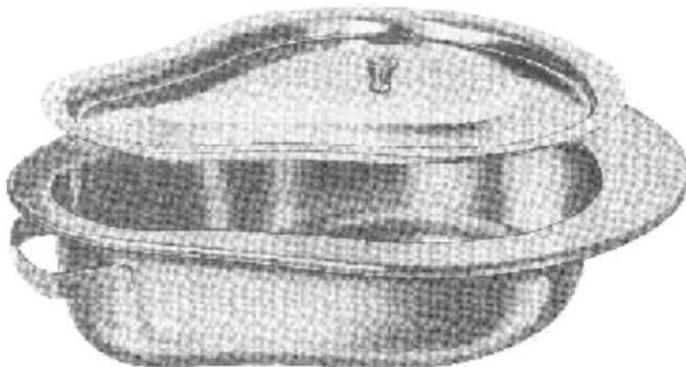
27-181  
 Ø 50 x 75 mm  
 Methot Without Lid



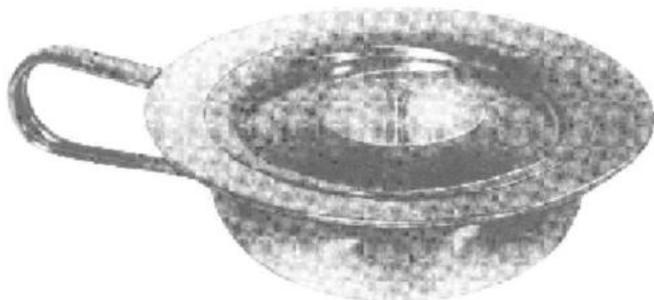
27-182



27-183



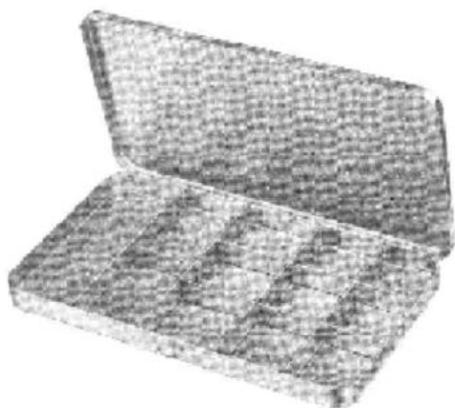
27-184



27-185 - 186

27-185 Ø 235 mm  
 27-186 Ø 310 mm

SURGICAL INSTRUMENTS



27-187  
Sauerbruch  
210 x 125 x 17 mm



27-188  
Sauerbruch  
210 x 125 x 17 mm



27-189  
150 x 95 x 13 mm



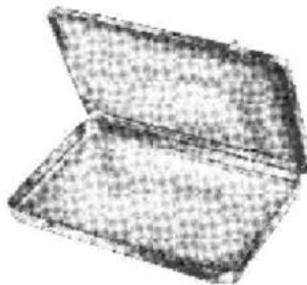
27-190  
150 x 95 x 13 mm



27-191  
150 x 95 x 13 mm



27-192  
150 x 95 x 13 mm



27-193  
150 x 95 x 13 mm

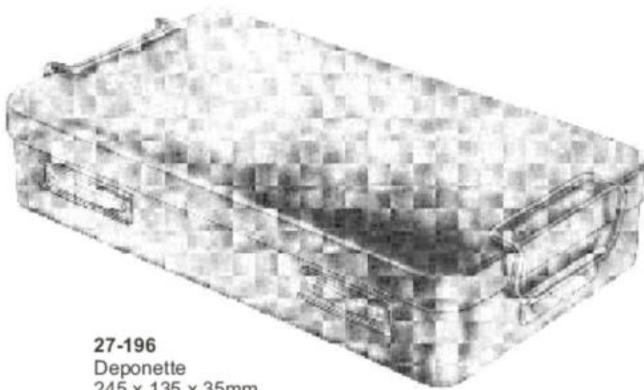


27-194  
150 x 95 x 13 mm

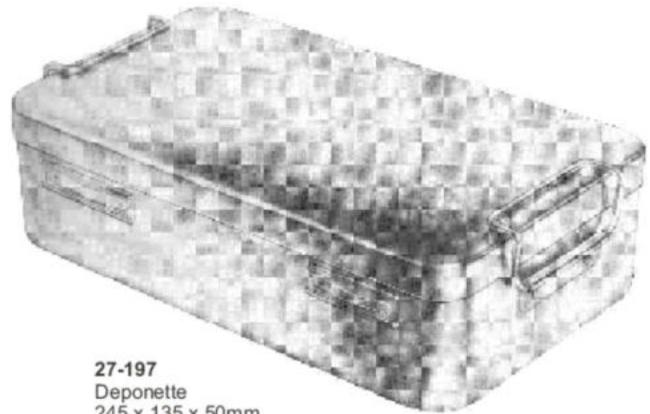


27-195  
150 x 95 x 11 mm

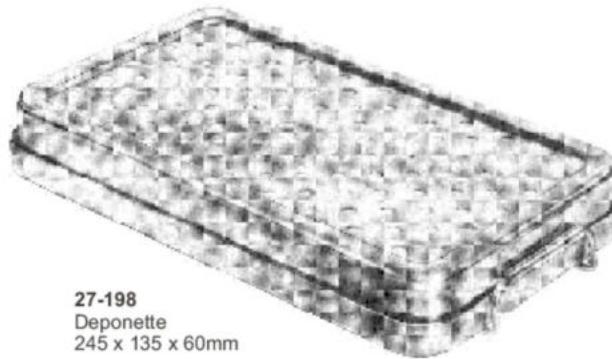
SURGICAL INSTRUMENTS



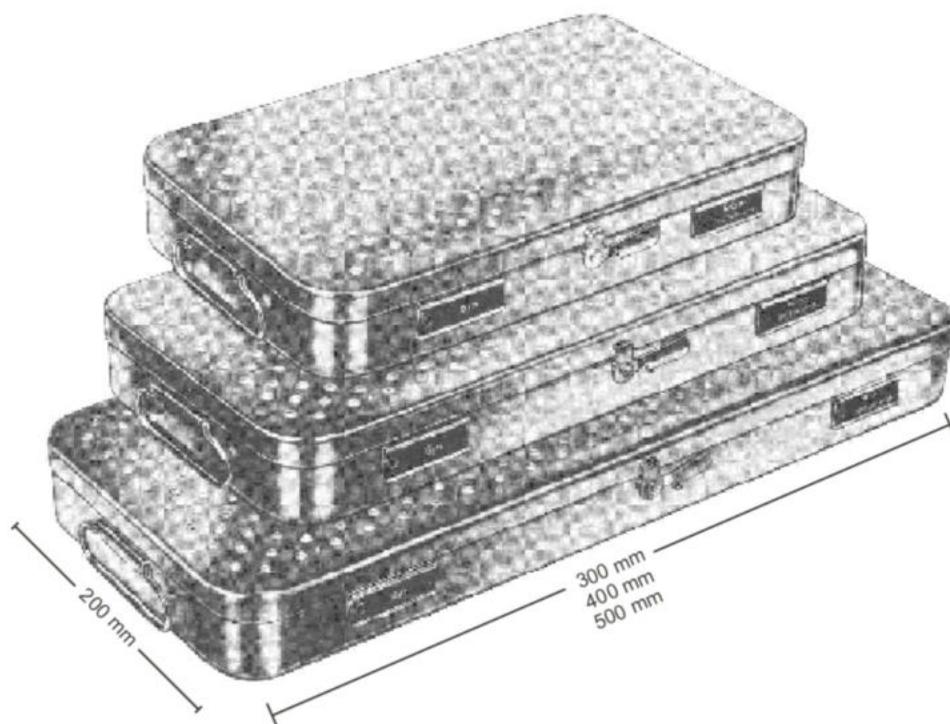
**27-196**  
Deponette  
245 x 135 x 35mm



**27-197**  
Deponette  
245 x 135 x 50mm



**27-198**  
Deponette  
245 x 135 x 60mm



27-199 - 209

27-199	230 x 130 x 50	mm
27-200	260 x 150 x 50	mm
27-201	275 x 235 x 50	mm
27-202	300 x 200 x 50	mm
27-203	325 x 275 x 50	mm
27-204	420 x 175 x 50	mm
27-205	230 x 130 x 75	mm
27-206	260 x 150 x 75	mm
27-207	300 x 200 x 75	mm
27-208	325 x 275 x 75	mm
27-209	420 x 175 x 75	mm



27-210 - 212

27-210	480 x 250 x 50	mm
27-211	520 x 250 x 75	mm
27-212	520 x 250 x 100	mm



27-213 - 218

27-213	240 x 240 x 50	mm
27-214	240 x 240 x 80	mm
27-215	240 x 240 x 100	mm
27-216	480 x 260 x 50	mm
27-217	520 x 260 x 80	mm
27-218	520 x 260 x 100	mm