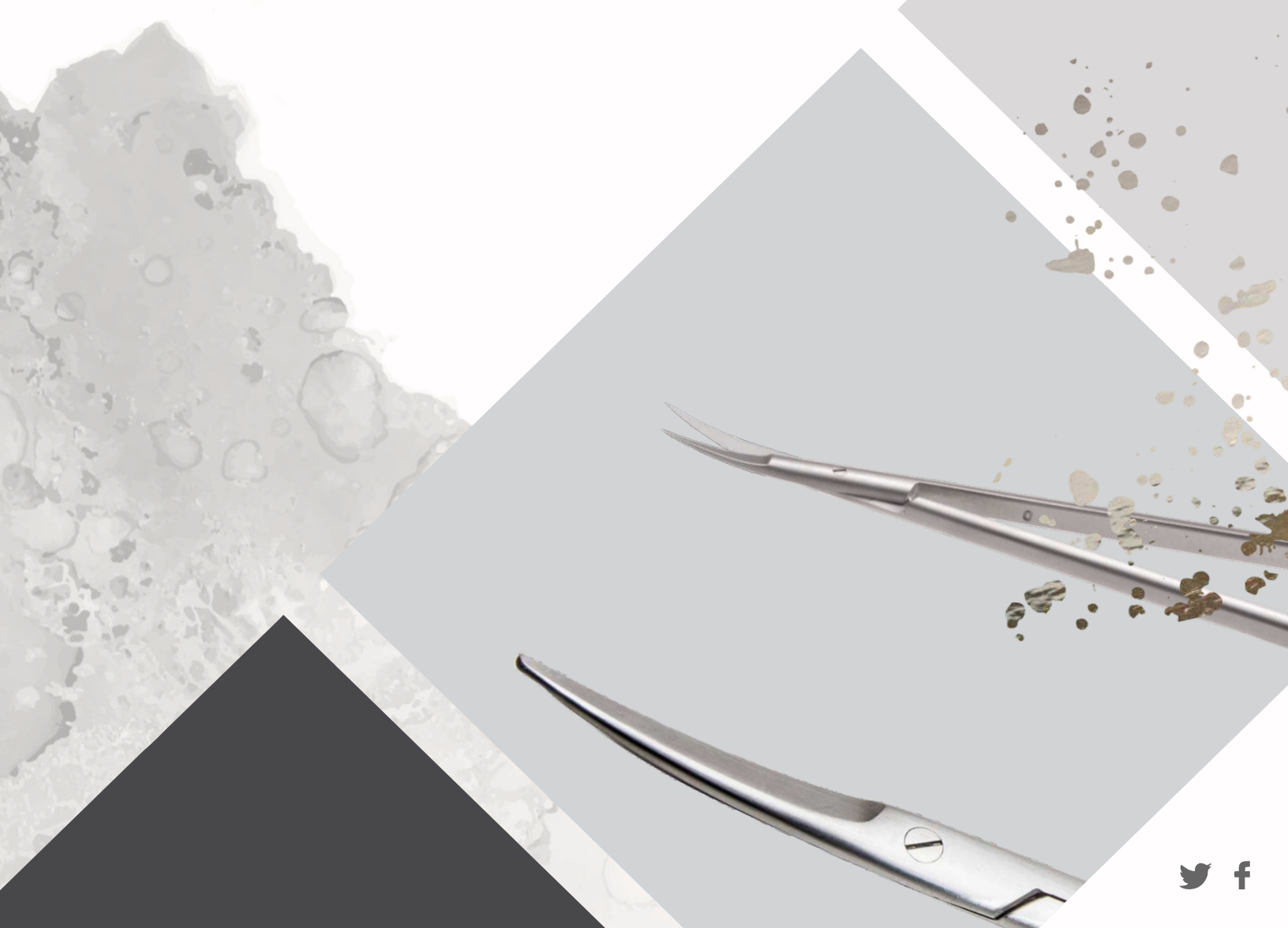




SURGICAL
INSTRUMENTS
CATALOG
2024-27
CATALOGUE | EDITION



Percussion Hammers & Aesthesiometers



01-101
TROEMNER
Size: 245 mm

1/2



01-102
DEJERINE
Size: 200 mm

1/2



01-103
DEJERINE
With Needle
Size: 210 mm

1/2



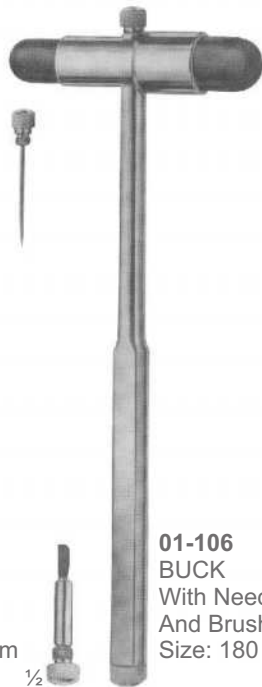
01-104
TAYLOR
Size: 195 mm

1/2



01-105
BERLINER
Size: 200 mm

1/2



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

1/2



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

1/2



01-108
ALY
Size: 190 mm

1/2



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

1/2

Stethoscopes



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

1/3



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

1/4



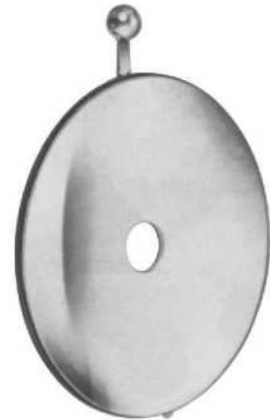
01-115
BOWLES

1/4

Head Mirrors & Head Bands



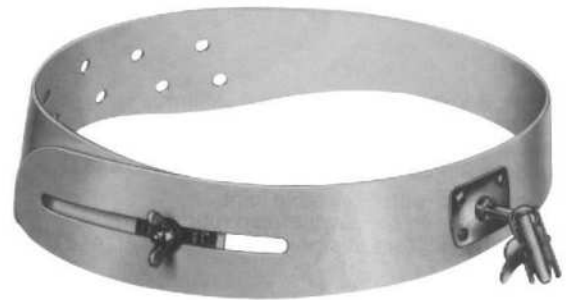
01-116
ZIEGLER \varnothing mm
Head mirror only
with rubber coating



01-117
ZIEGLER \varnothing mm
Head mirror only
with metal coating

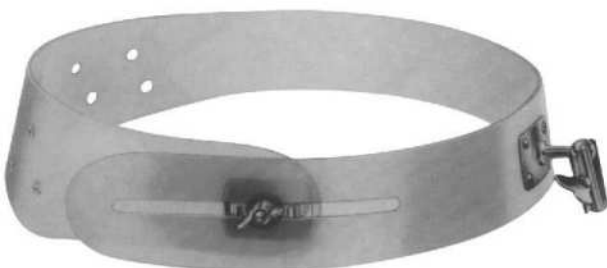


01-118
ZIEGLER
Head band of plastic black



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.

Head Light

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

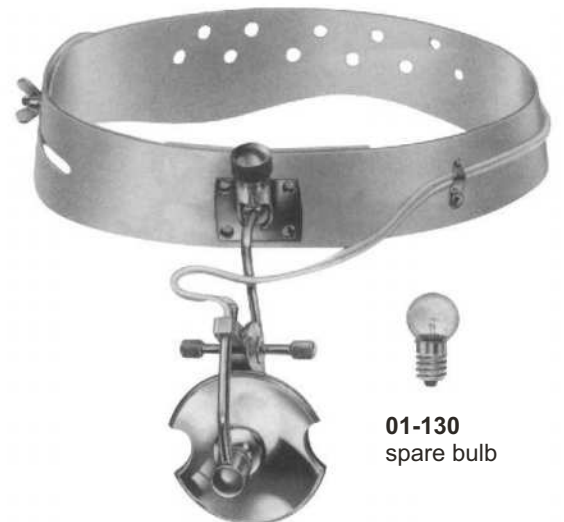
01-128

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

Tongue Depressors



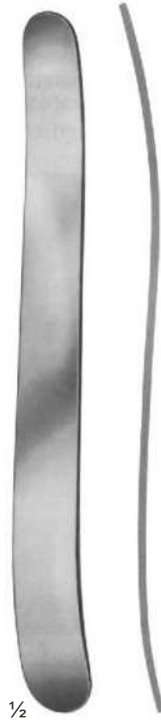
$\frac{1}{2}$
01-133
Size: 150 mm



$\frac{1}{2}$
01-134
Size: 145 mm



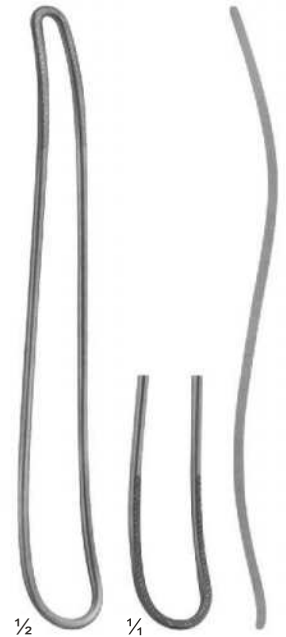
$\frac{1}{2}$
01-135
Size: 140 mm



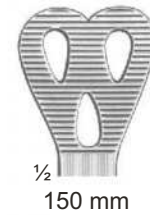
$\frac{1}{2}$
01-136
BUCHWALD
Size: 180 mm



$\frac{1}{2}$
01-137
BRUENINGS
Size: 190 mm



$\frac{1}{2}$ $\frac{1}{1}$
01-138
FRENZEL
Size: 165 mm



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



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



$\frac{1}{2}$
01-139
SIMPLEX
Size: 110 mm



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



$\frac{1}{2}$
01-141
TOBOLD
Size: 145 mm



$\frac{1}{2}$
01-142
ANDREW
Size: 110 mm



$\frac{1}{2}$
01-143
WIEDER

Tongue Depressors



1/2

01-144
SCHIMMELBUSCH
Ether Mask



1/2

01-145
HEISTER
Mouth Gag
Size: 130 mm



1/2

01-146
FERGUSON-ACKLAND
Mouth Gag
Size: 145 mm



1/2

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



1/2

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



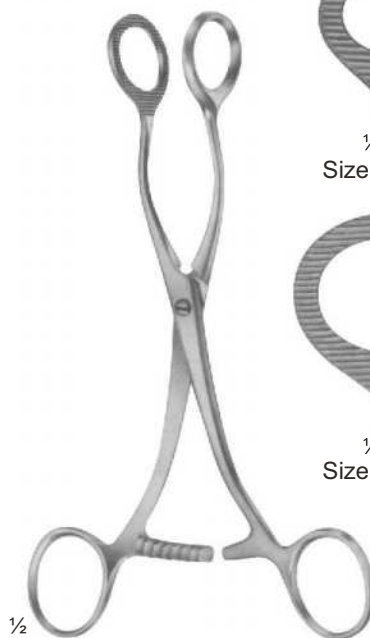
1/2

01-149
YOUNG
Size: 165 mm



1/4

1 Pair Of
Rubber Pads



1/2

01-150
COLLIN
Size: 160 mm, 170 mm



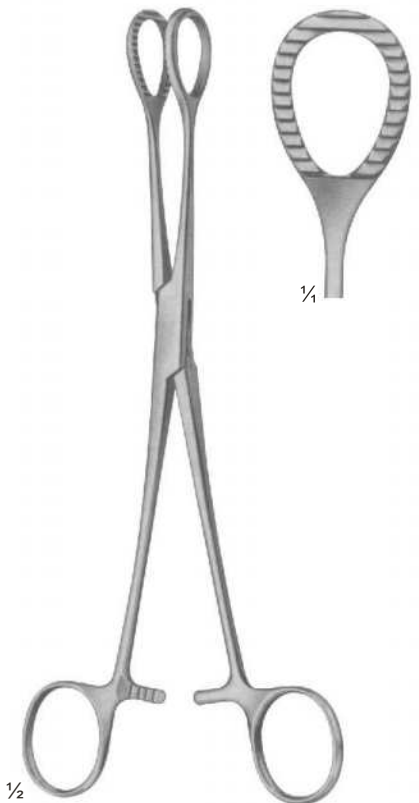
1/4

Size: 160 mm



1/4

Size: 170 mm



1/2

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

Blood Lancets & Laryngeal Mirrors



01-152
FRANCKE
Automatic Blood Lancet



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

Fig. 000

Fig. 00

Fig. 0

Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Fig. 6

Fig. 7

Fig. 8

Fig. 9

Fig. 10



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
Size: 250 mm



01-158
Spare Mirrors Only
Size: 12 mm



01-159
Spare Mirrors Only
Size: 14 mm

Diagnostic Sets



**01-160 - 162
MAGILL**



01-160
Infants
Size: 150 mm



01-161
Children
Size: 200 mm



01-162
Adults
Size: 250 mm



01-163
Medium battery handle
only, 25 mm diam.



01-163-A
Spare bulb
2.7 volt, for
otoscopes



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 Velvet Lined Case



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

Diagnostic Sets



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

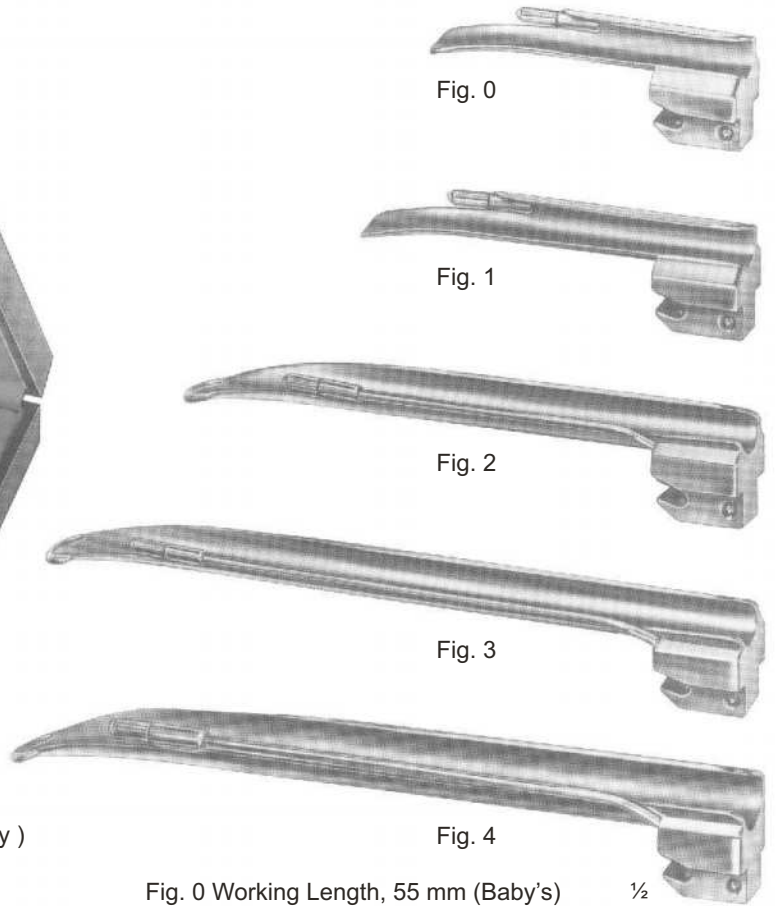


Fig. 0 Working Length, 55 mm (Baby's)
Fig. 1 Working Length, 80 mm (Children's)
Fig. 2 Working Length, 130 mm (Adolescent's)
Fig. 3 Working Length, 170 mm (Women's)
Fig. 4 Working Length, 180 mm (Men's)



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

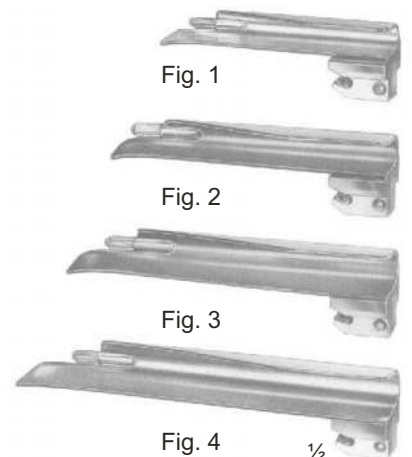


Fig. 1 Working Length, 70 mm (Children's)
Fig. 2 Working Length, 90 mm (Adolescent's)
Fig. 3 Working Length, 110 mm (Women's)
Fig. 4 Working Length, 135 mm (Men's)

Diagnostic Sets



1/3

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



Fig. 1



Fig. 2



Fig. 3



Fig. 4



1/2

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,



1/3

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



Fig. 2



Fig. 3



Fig. 4



1/2

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)



1/2

01-172
Fiber Optic
Battery Handle



1/2

01-173
Fiber Optic
Battery Handle



1/4

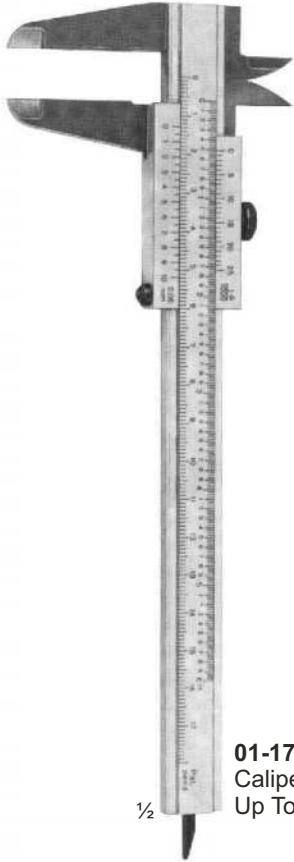
01-174
Replacement Lamp
(Krypton) 2.5 V



1/4

01-175
Replacement Lamp
(Halogen) 2.5 V

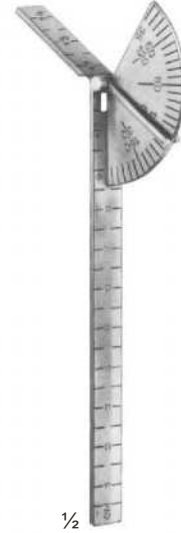
Examination & Measuring Instruments



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



01-185
Size: 150 mm



01-184
Size: 500 mm

Dissecting Knives



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



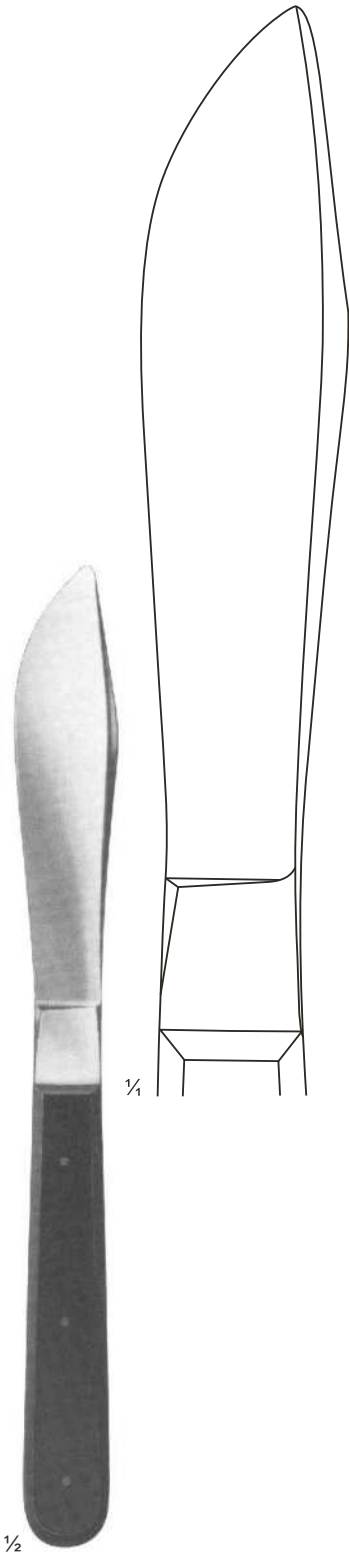
02-109
Fig. 9



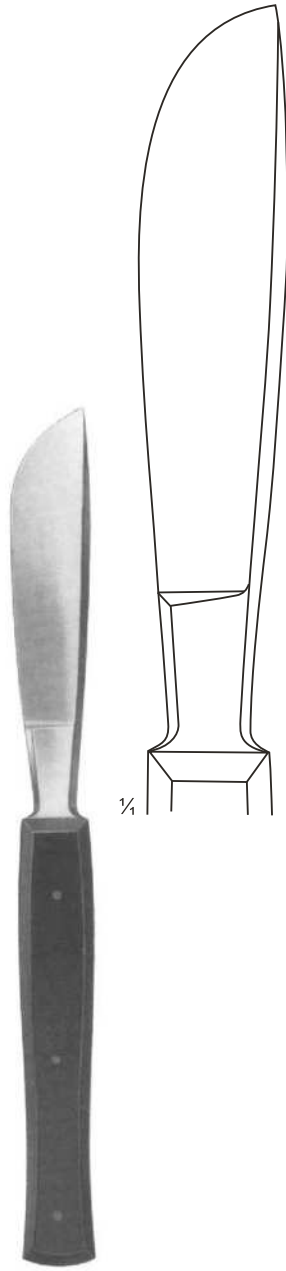
02-110
Fig. 10



Autopsy & Cartilage Knives



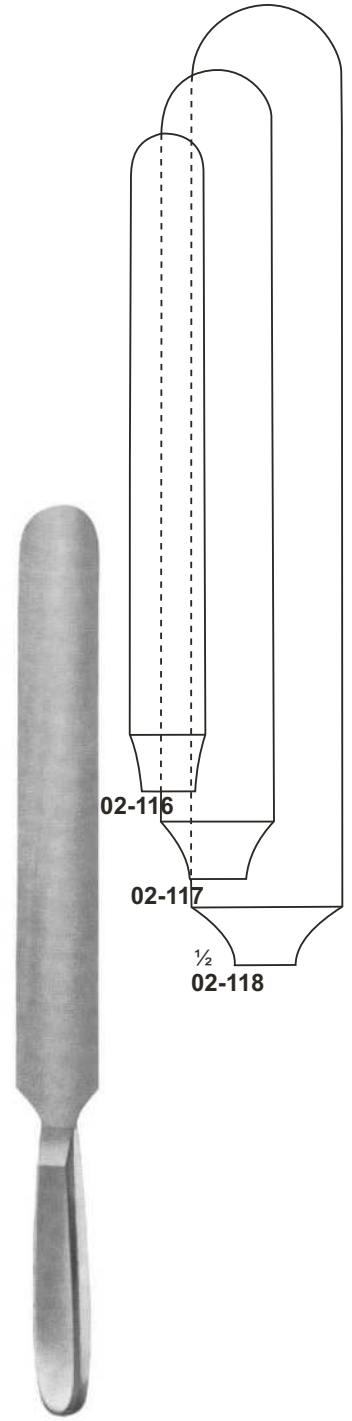
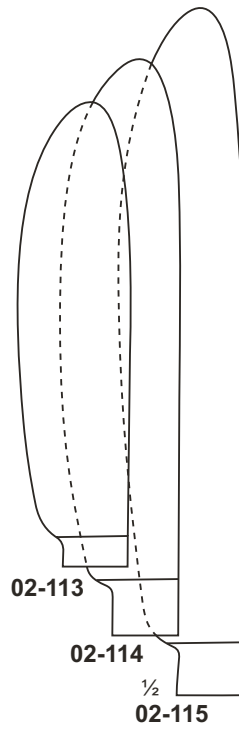
$\frac{1}{2}$
02-111
Size: 255 mm



$\frac{1}{4}$
02-112
VIRCHOW

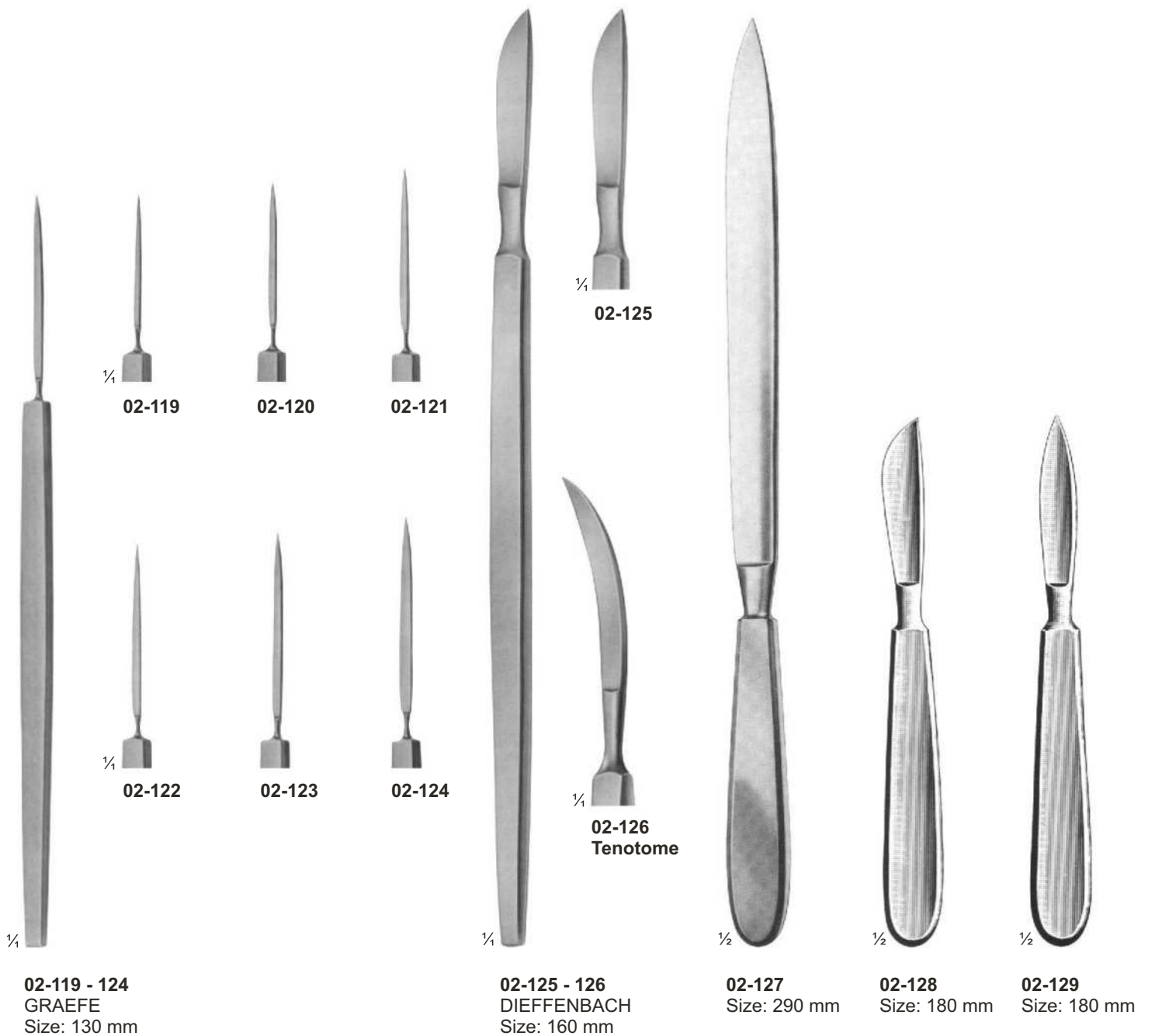


02-113 - 115
WALB

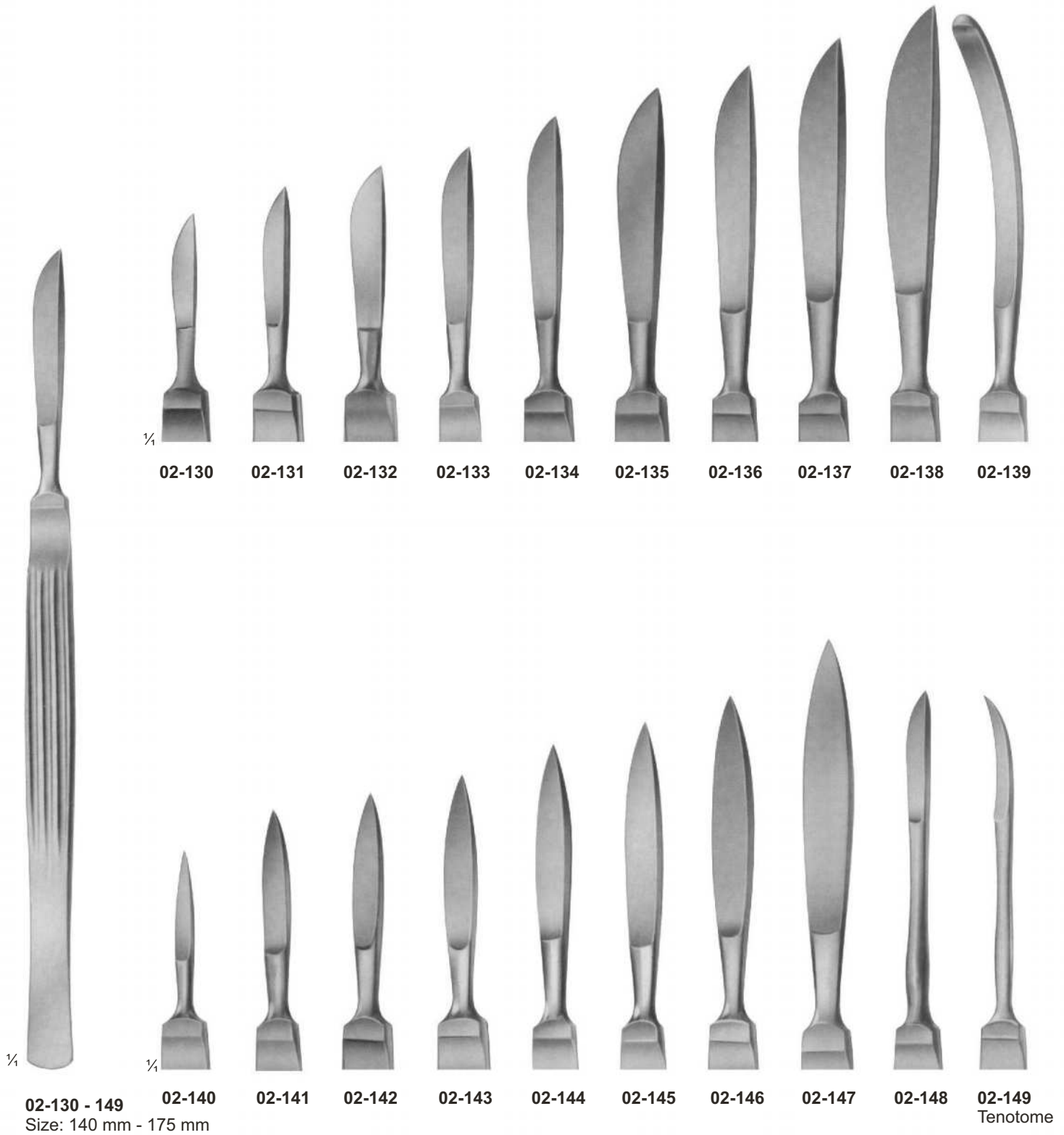


$\frac{1}{2}$
02-116 - 118
VIRCHOW

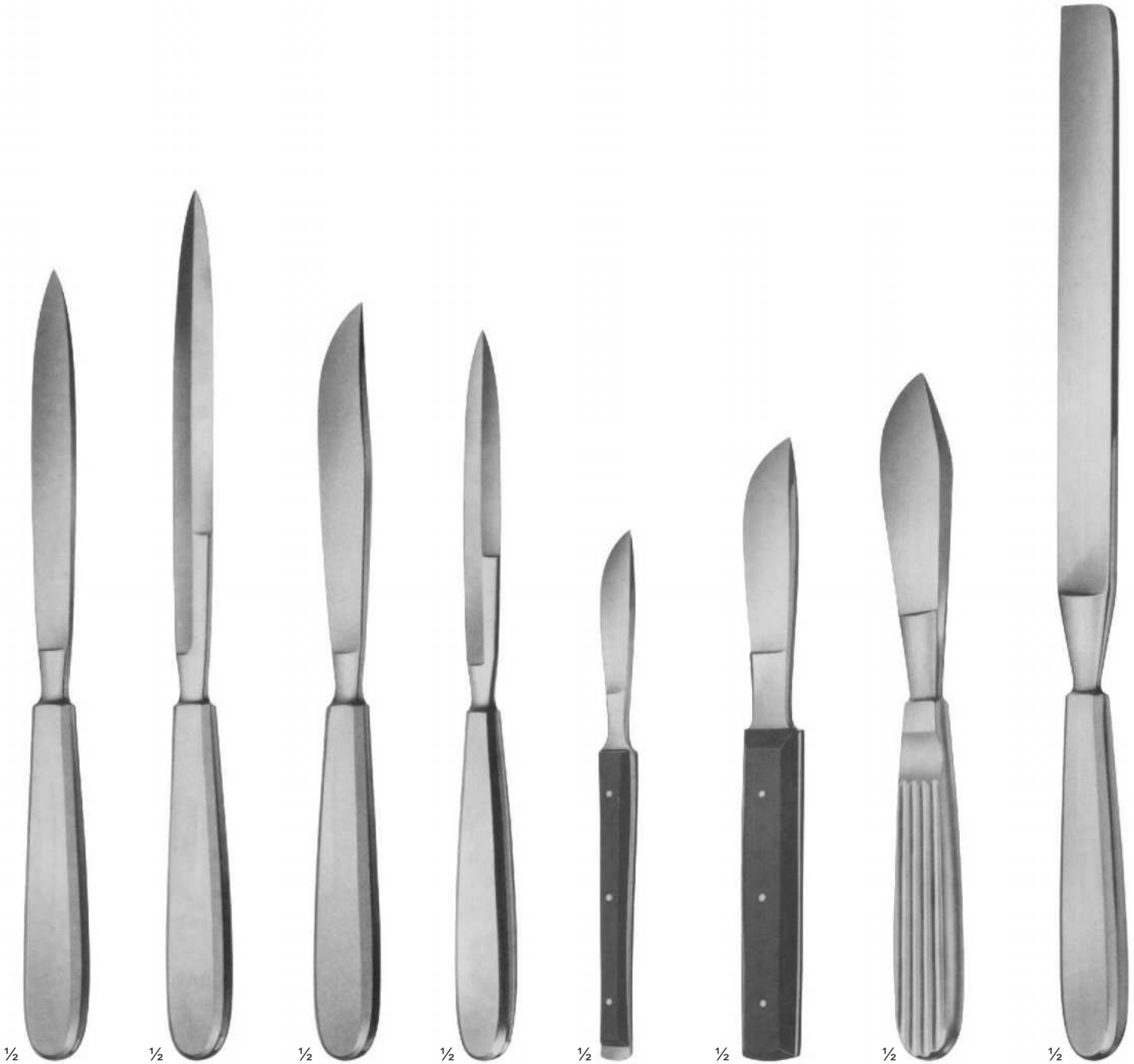
Scalpels, Tenotomes & Resection Knives



Scalpels, Tenotomes



Amputating Knives, Cartilage Knives, Autopsy Knives



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



Cone Knives, Myomatome, Trigeminal & Tonsil Knives



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

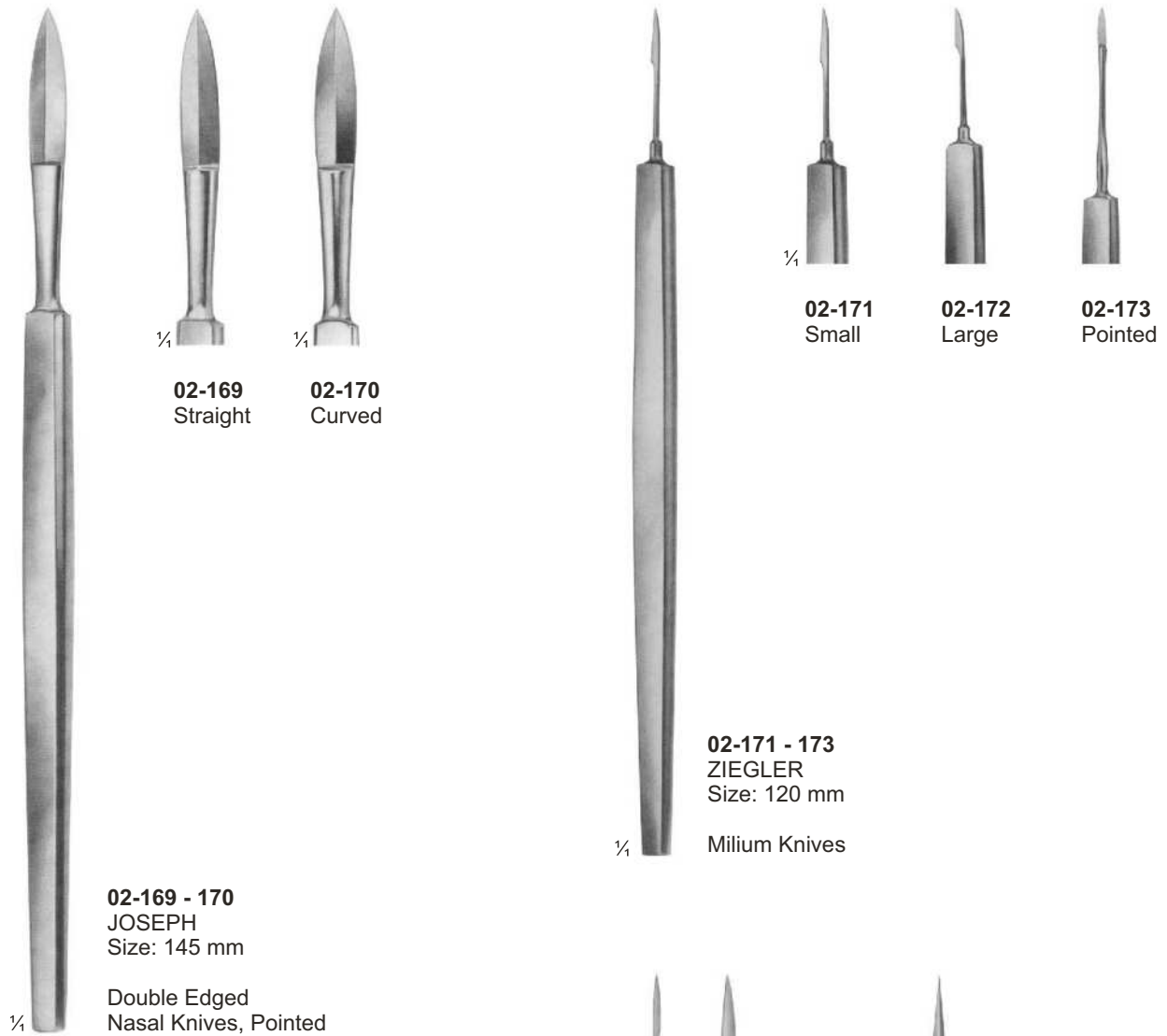
02-165
Size: 230 mm
Trigeminal
Knife

02-166
FOWLER
Size: 200 mm
Tonsil Knife

02-167
ABRAHAM
Size: 215 mm
Tonsil Knife

02-168
BRUNINGS
Size: 215 mm
Tonsil Knife

Scalpels, Dura Knives & Comedone Extractors



02-169 - 170
JOSEPH
Size: 145 mm
Double Edged
Nasal Knives, Pointed

02-169
Straight

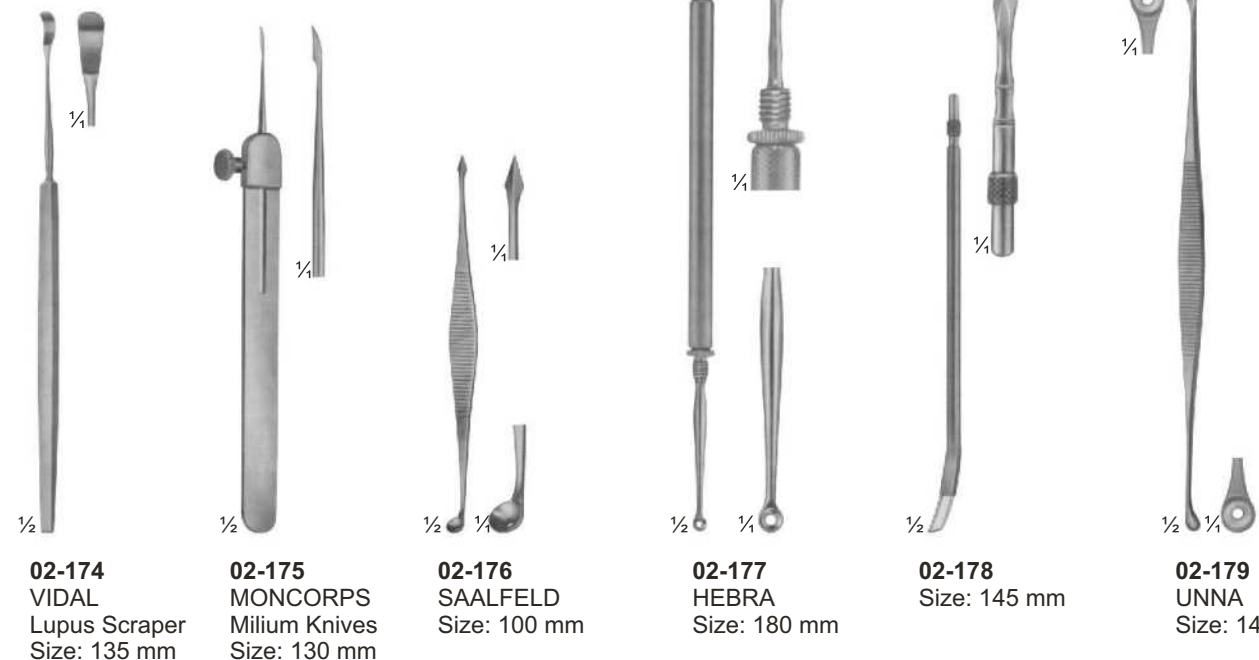
02-170
Curved

02-171 - 173
ZIEGLER
Size: 120 mm
Milium Knives

02-171
Small

02-172
Large

02-173
Pointed



02-174
VIDAL
Lupus Scraper
Size: 135 mm

02-175
MONCORPS
Milium Knives
Size: 130 mm

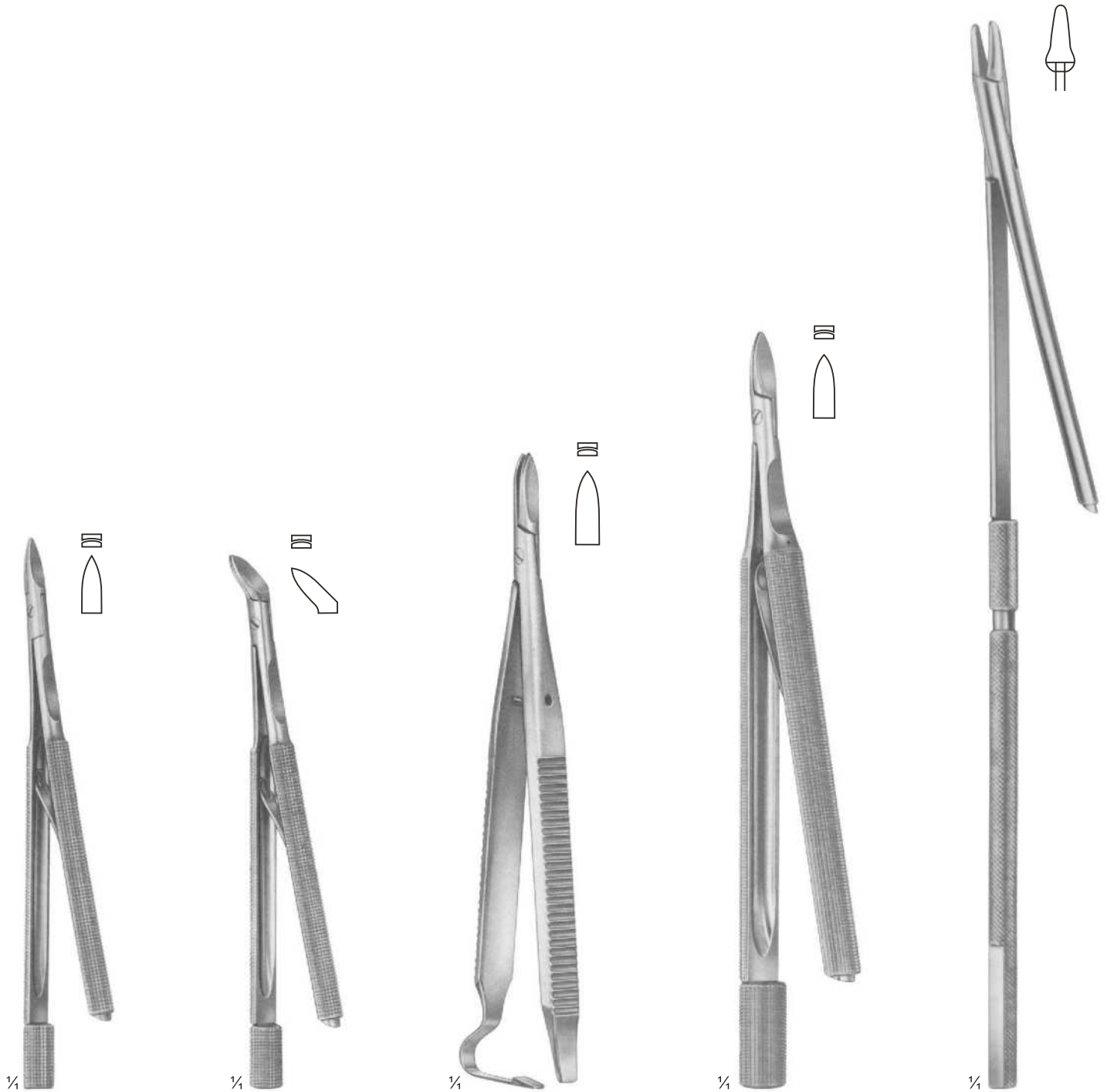
02-176
SAALFELD
Size: 100 mm

02-177
HEBRA
Size: 180 mm

02-178
Size: 145 mm

02-179
UNNA
Size: 145 mm

Razor Blade Holders & Breakers



¼
02-180
TROUTMAN-CHRIS
Size: 100 mm

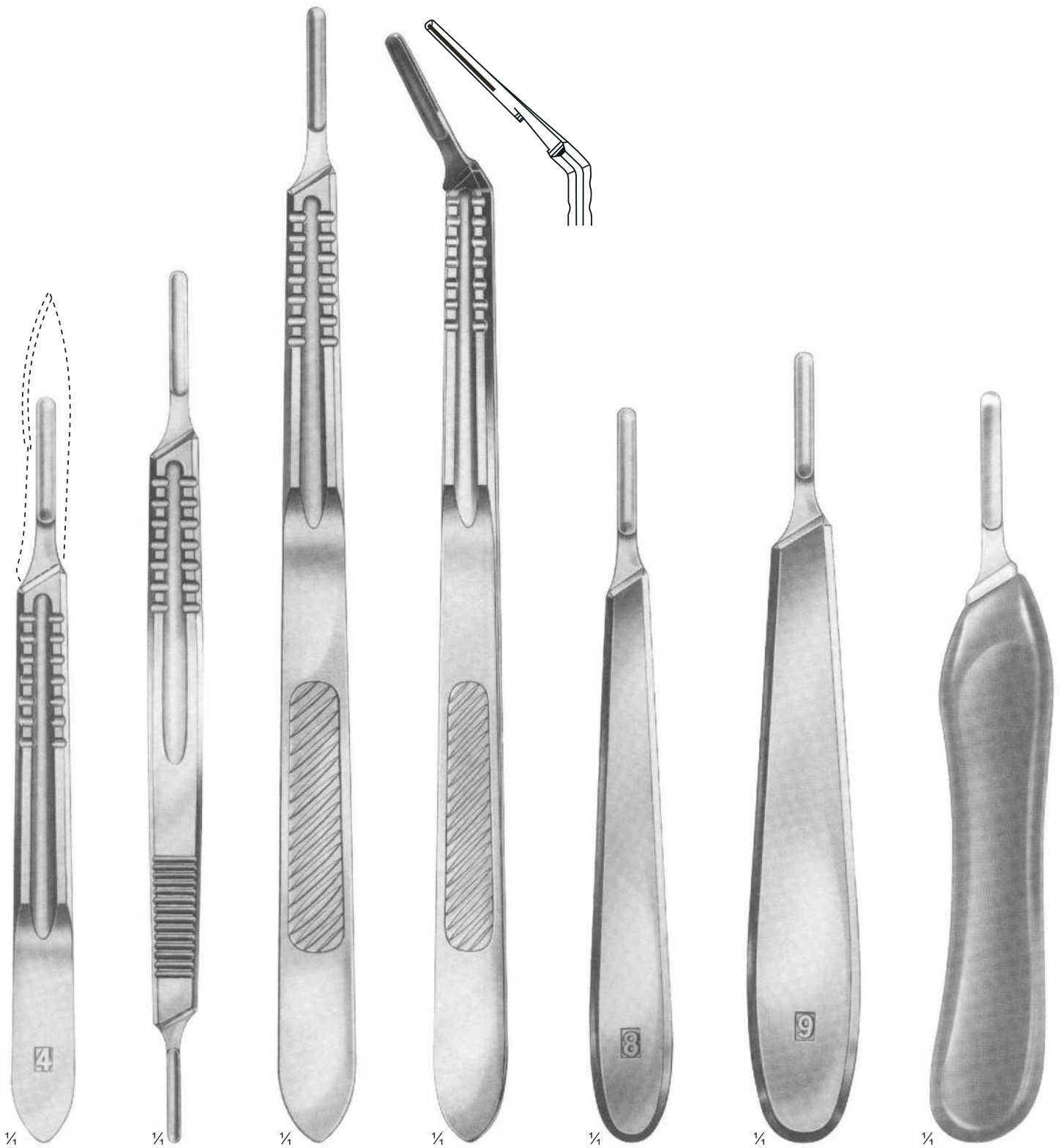
¼
02-181
TROUTMAN-CHRIS
Size: 100 mm

¼
02-182
Size: 110 mm

¼
02-183
CASTROVIEJO
Size: 130 mm

¼
02-184
Size: 185 mm

Scalpel Handles



¼
02-185
STANDARD
No. 4
Solid

¼
02-186
Double Handel
No. 4 + No. 3
Solid

¼
02-187
No. 4 L
Straight
Solid

¼
02-188
No. 4 L
Solid Angled

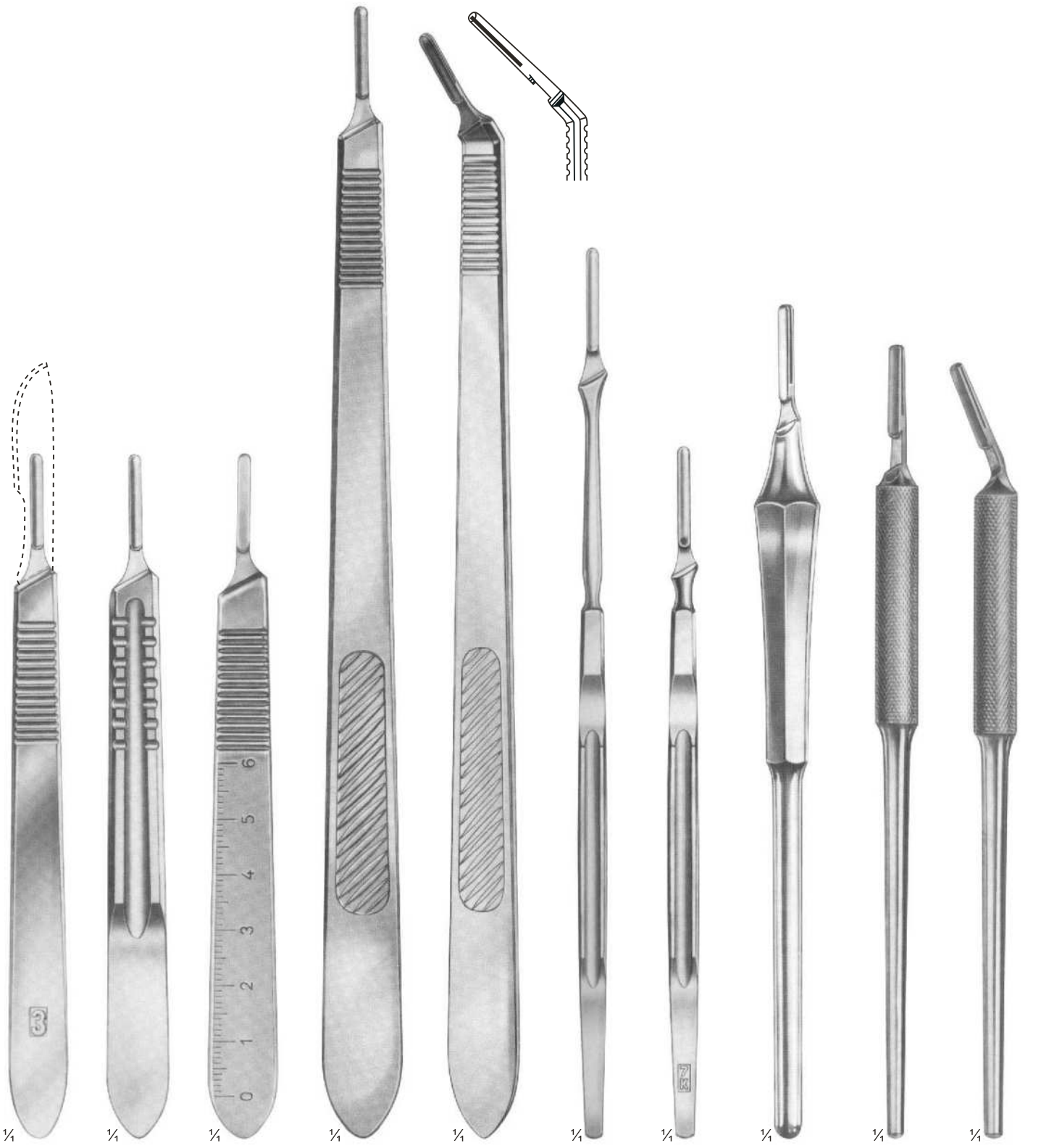
¼
02-189
COLLIN
No. 8
Hollow

¼
02-190
COLLIN
No. 9
Hollow

¼
02-191
Plastic



Scalpel Handles



02-192
STANDARD
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

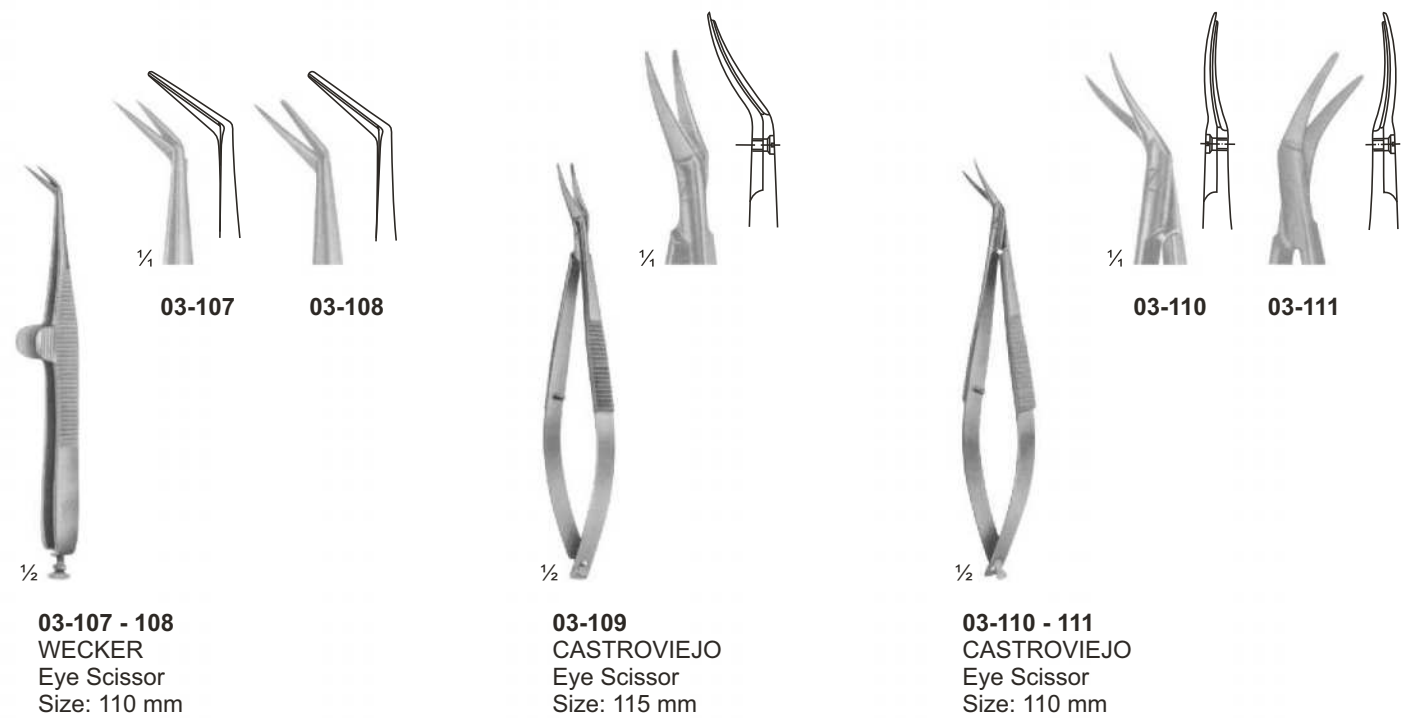
02-198
No. 7 K
Solid

02-199
Hollow-Round

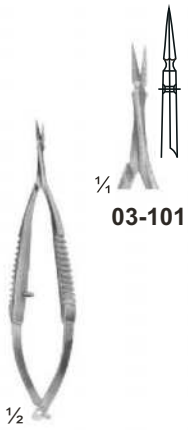
02-200
No. 3
Straight
Solid

02-201
No. 3
Angled
Solid

Micro Scissors, "Spring Type" Flat Handles



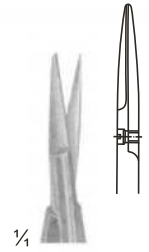
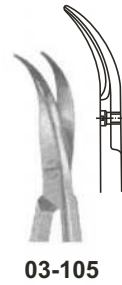
Micro Scissors, "Spring Type" Flat Handles



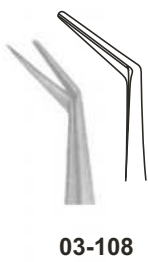
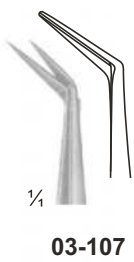
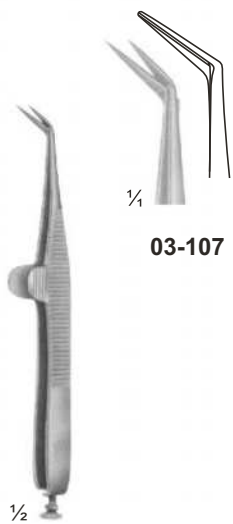
03-101 - 103
VANNAS
Size: 85 mm



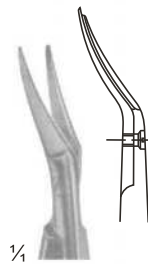
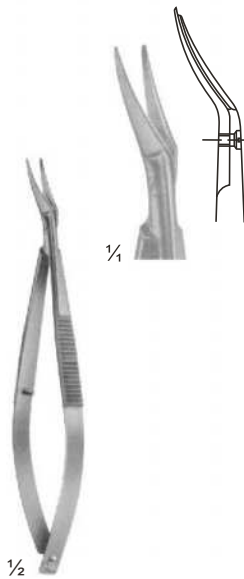
03-104 - 105
CASTROVIEJO
Size: 95 mm



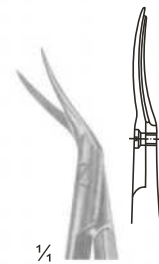
03-106
NOYES
Size: 125 mm



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

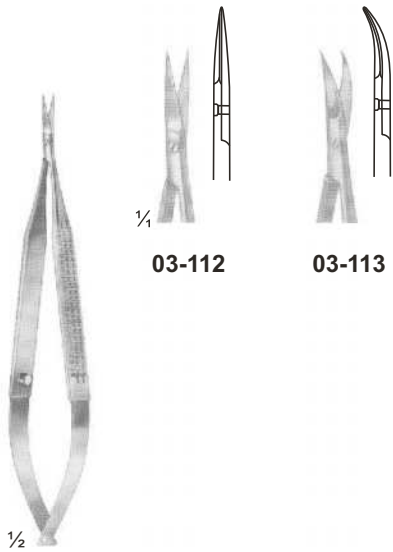


03-109
CASTROVIEJO
Eye Scissor
Size: 115 mm



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

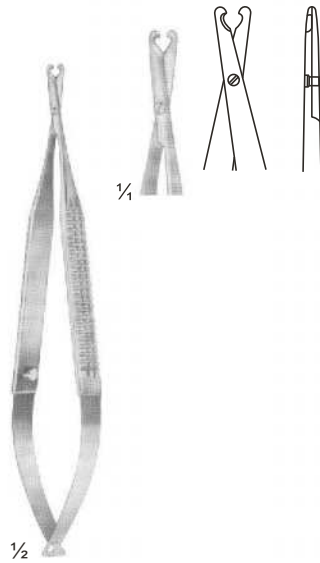
Micro Scissors, "Spring Type" Flat Handles



03-112

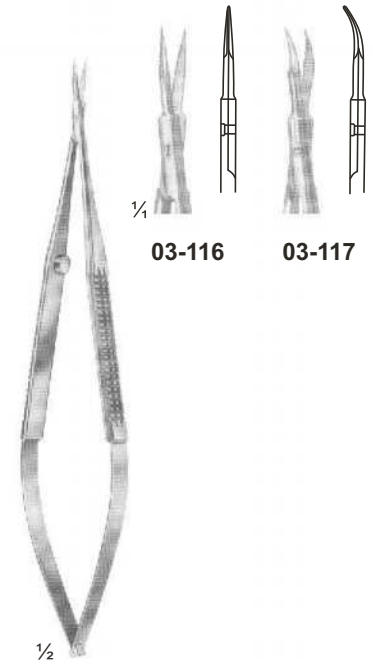
03-113

03-112 - 113
Size: 120 mm



03-114
BIEMER
Vein Scissor
Size: 130 mm

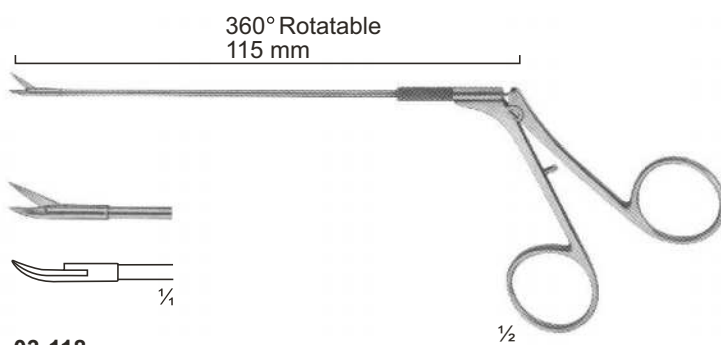
03-115
Size: 160 mm



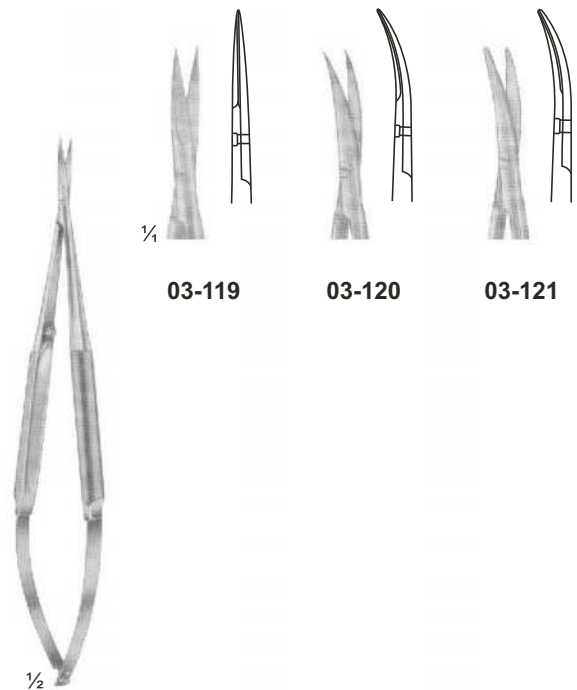
03-116

03-117

03-116 - 117
VANNAS
Size: 160 mm



03-118
CASPAR
Micro Scissor Curved
Size: 115 mm



1/4

03-119

03-120

03-121

1/2

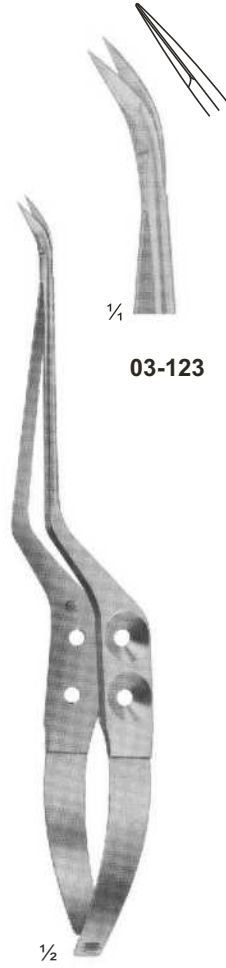
03-119 - 121
Micro Dissecting Scissor
Size: 145 mm



Micro Scissors, "Spring Type" Bayonet Shape



03-122
YASARGIL
Size: 245 mm



03-123

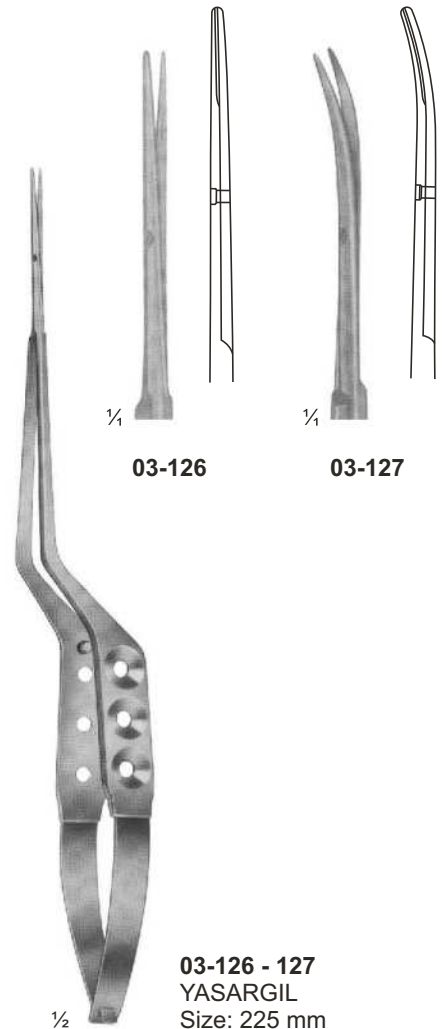


03-124

03-123 - 124
Laterally Angled
Size: 200 mm



03-125
Laterally Angled
Size: 190 mm

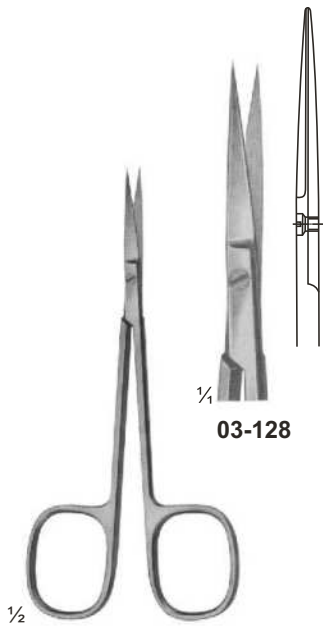


03-126

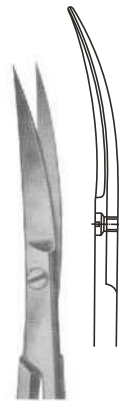
03-127

03-126 - 127
YASARGIL
Size: 225 mm

Delicate Scissors

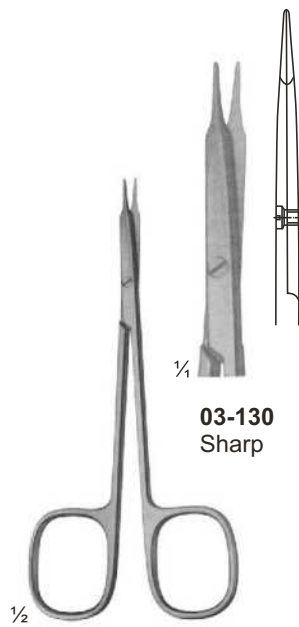


03-128



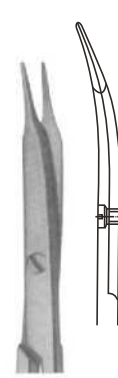
03-129

03-128 - 129
Size: 120 mm

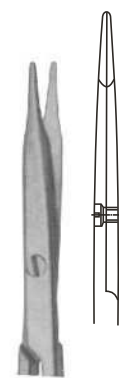


03-130
Sharp

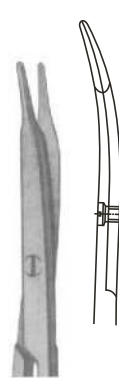
03-130 - 133
STEVENS
Dissecting Scissors
Size: 115 mm



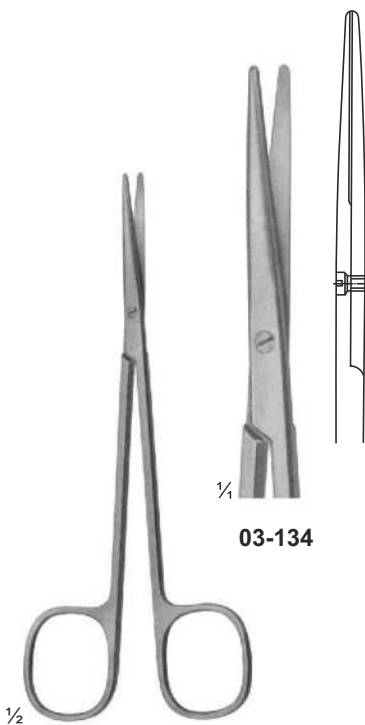
03-131
Sharp



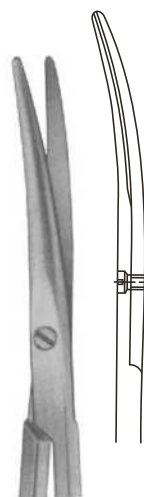
03-132
Blunt



03-133
Blunt

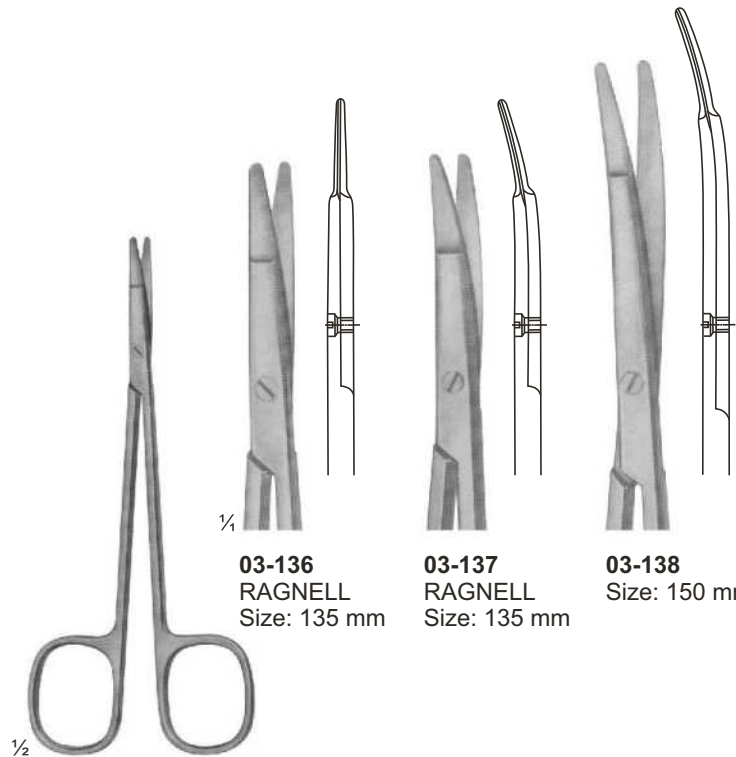


03-134

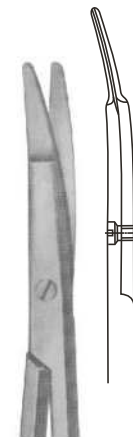


03-135

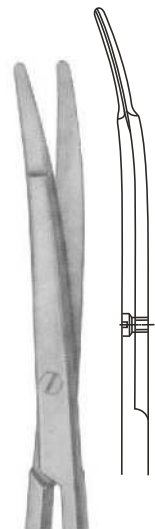
03-134 - 135
METZENBAUM
Dissecting Scissors
Size: 145 mm



03-136
RAGNELL
Size: 135 mm



03-137
RAGNELL
Size: 135 mm

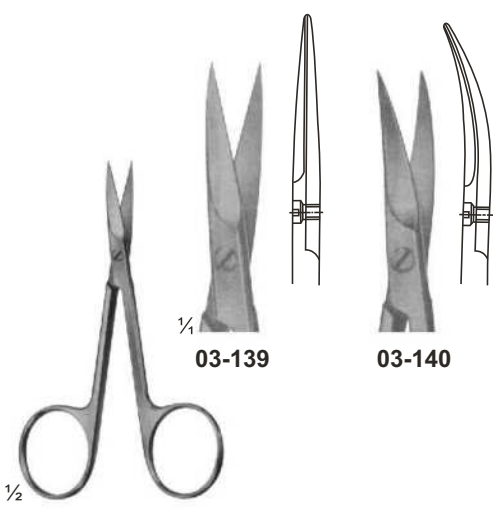


03-138
Size: 150 mm

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

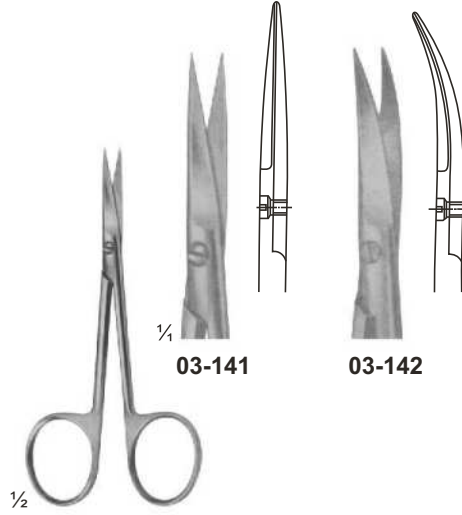


Delicate Scissors



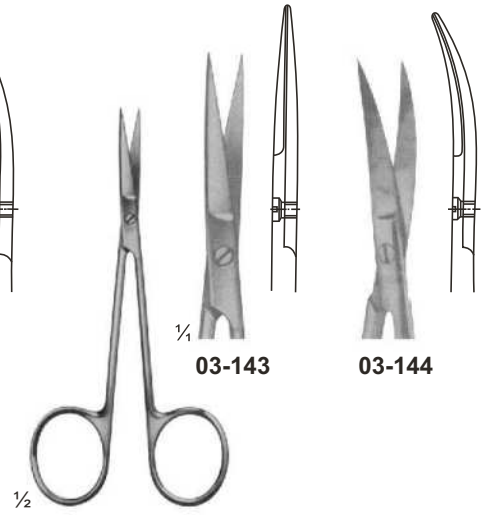
03-139

03-140



03-141

03-142



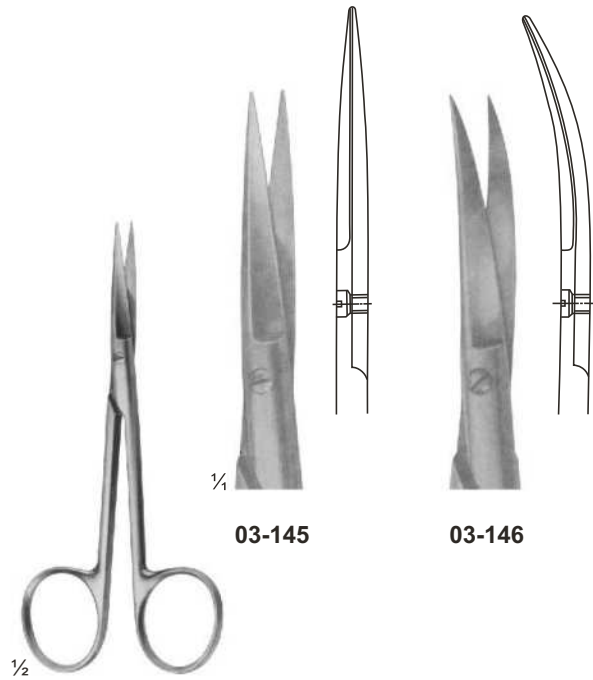
03-143

03-144

03-139 - 140
Size: 90 mm

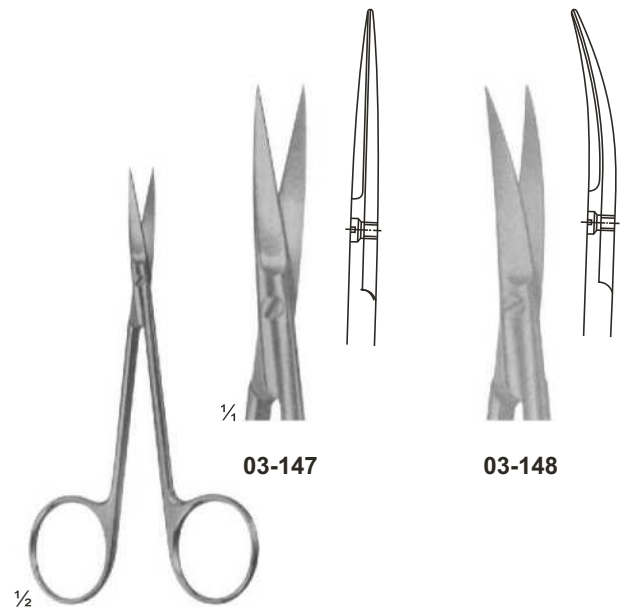
03-141 - 142
Size: 95 mm

03-143 - 144
Size: 105 mm



03-145

03-146



03-147

03-148

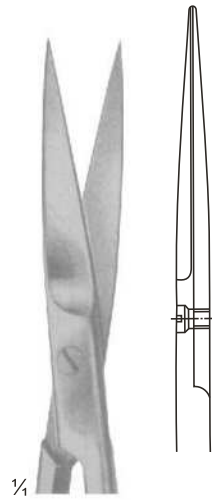
03-145 - 146
Size: 120 mm

03-147 - 148
Size: 115 mm

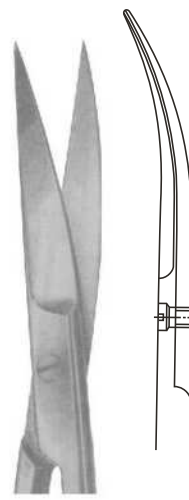
Delicate Scissors



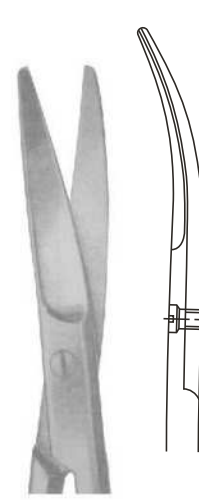
03-149 - 151
Size: 120 mm



03-149



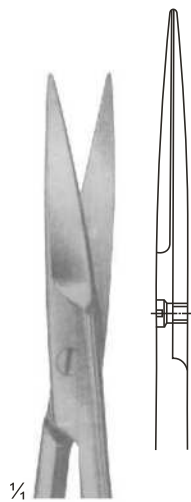
03-150



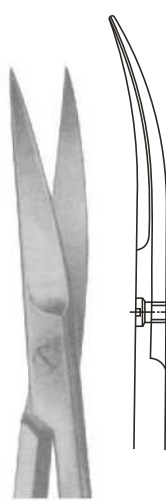
03-151



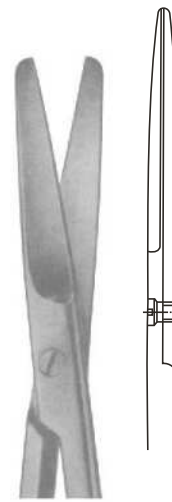
03-152 - 155
Size: 130 mm



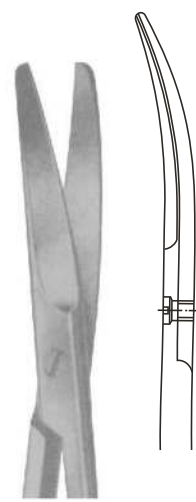
03-152



03-153



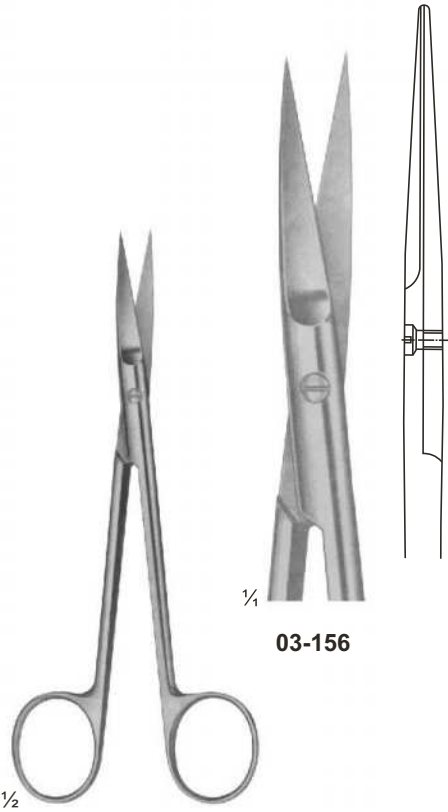
03-154



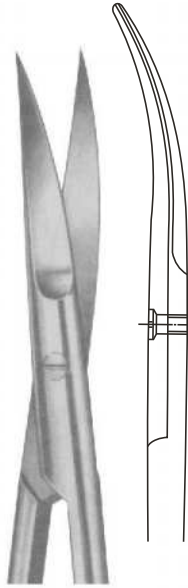
03-155



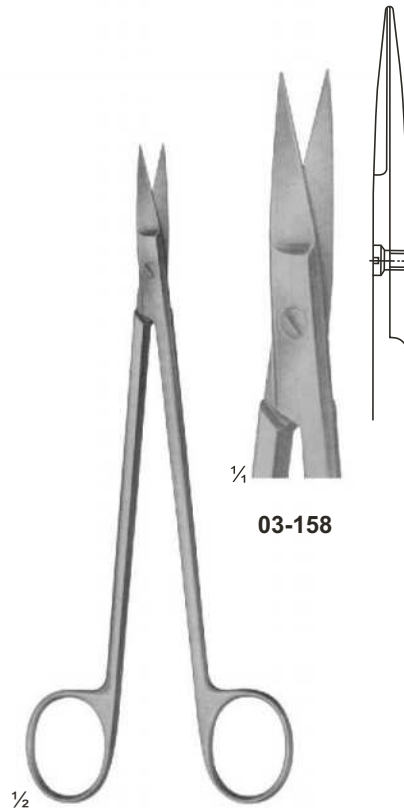
Delicate Scissors



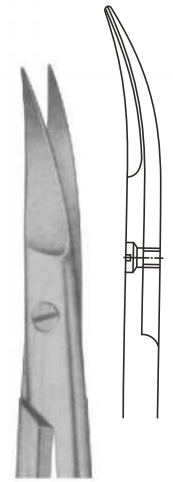
03-156



03-157



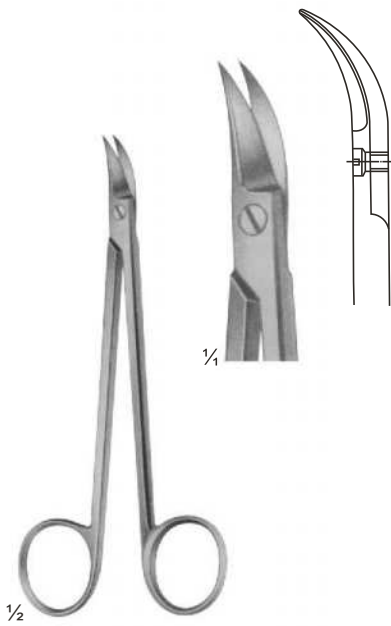
03-158



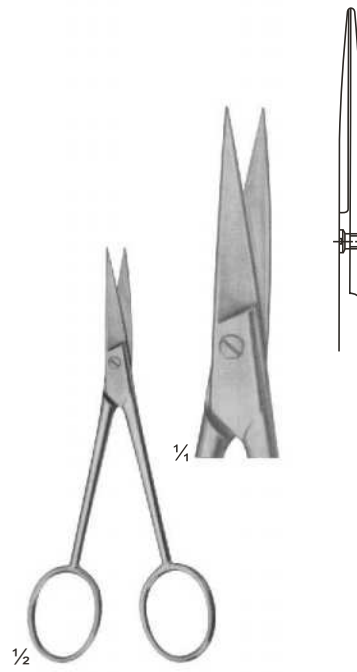
03-159

03-156 - 157
JOSEPH
Size: 150 mm

03-158 - 159
KELLY
Size: 175 mm

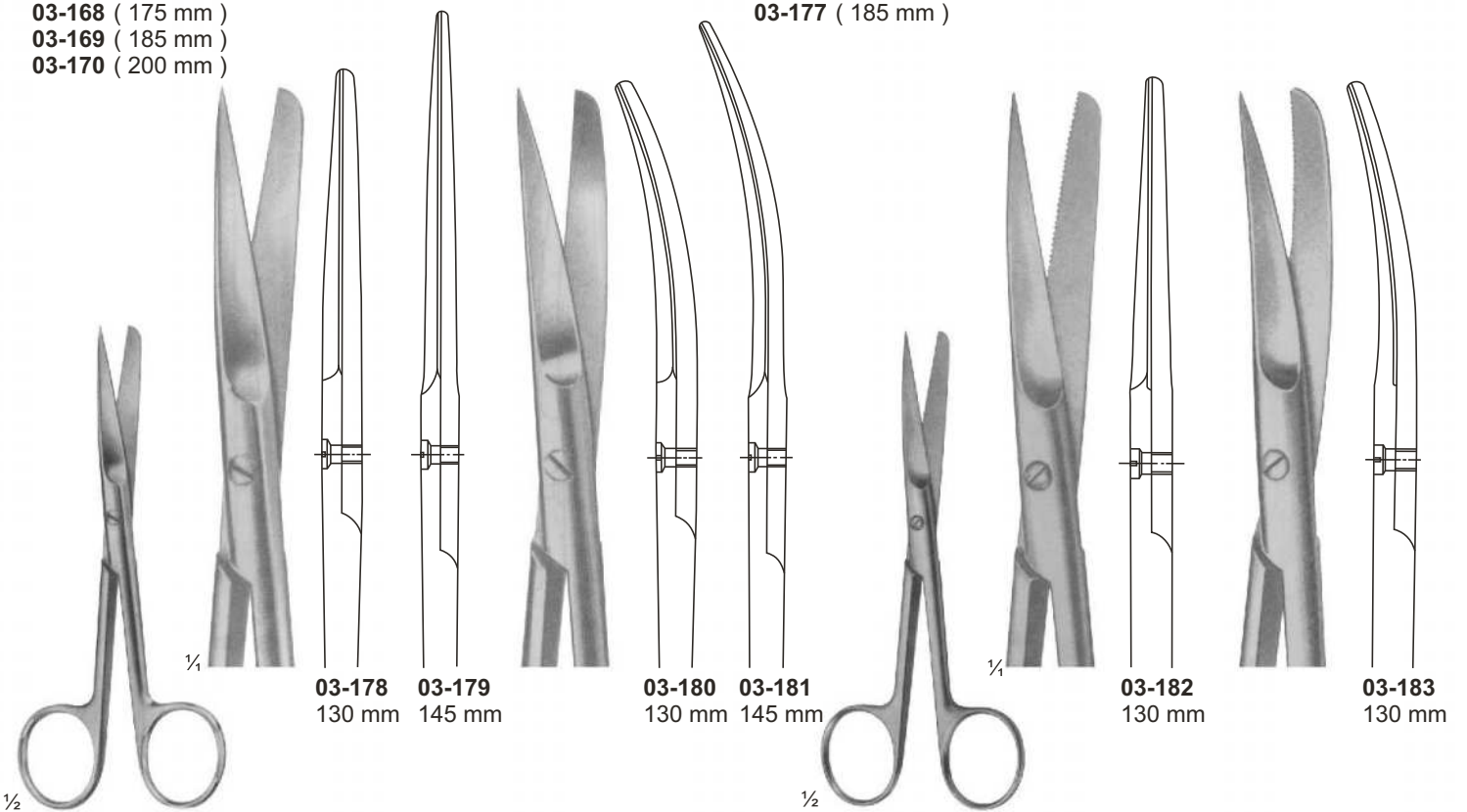


03-160
QUINBY
Size: 130 mm

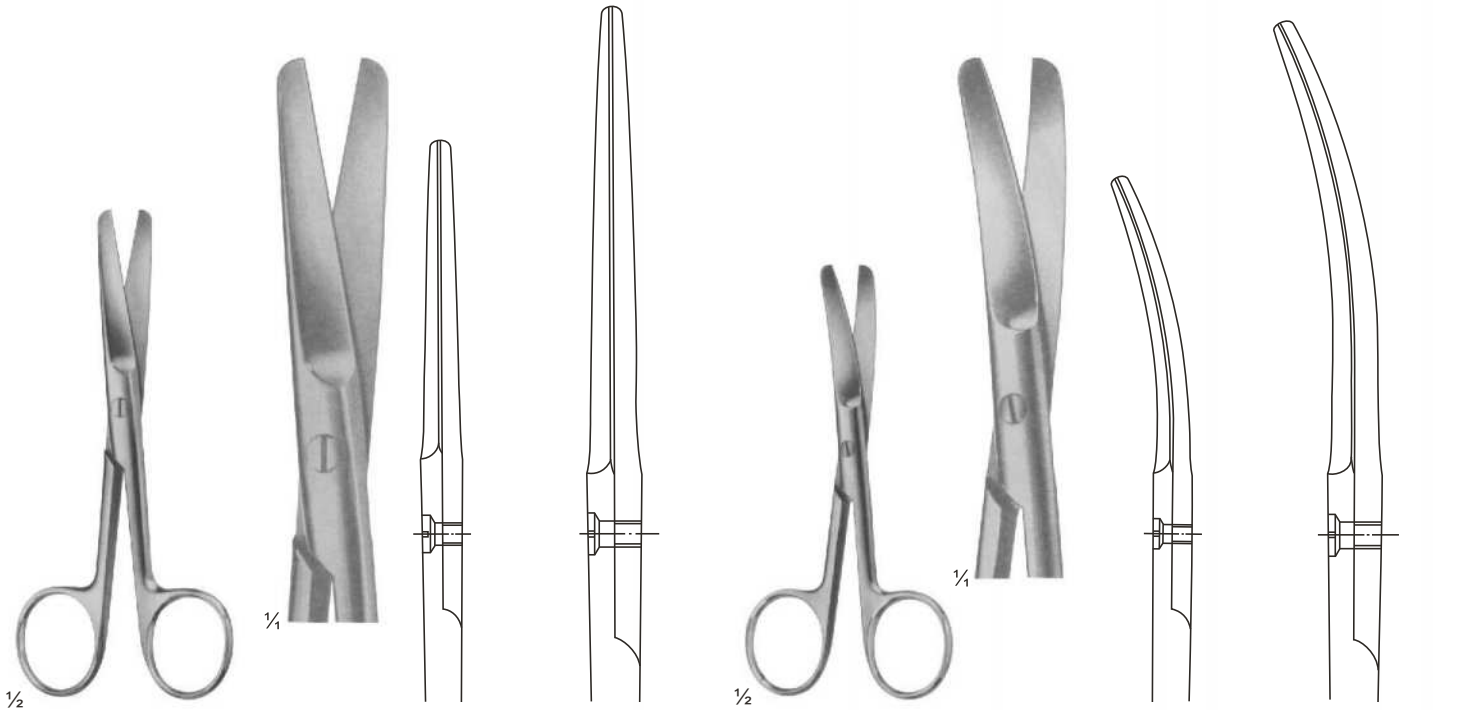


03-161
Size: 110 mm

Surgical Scissors



Surgical Scissors

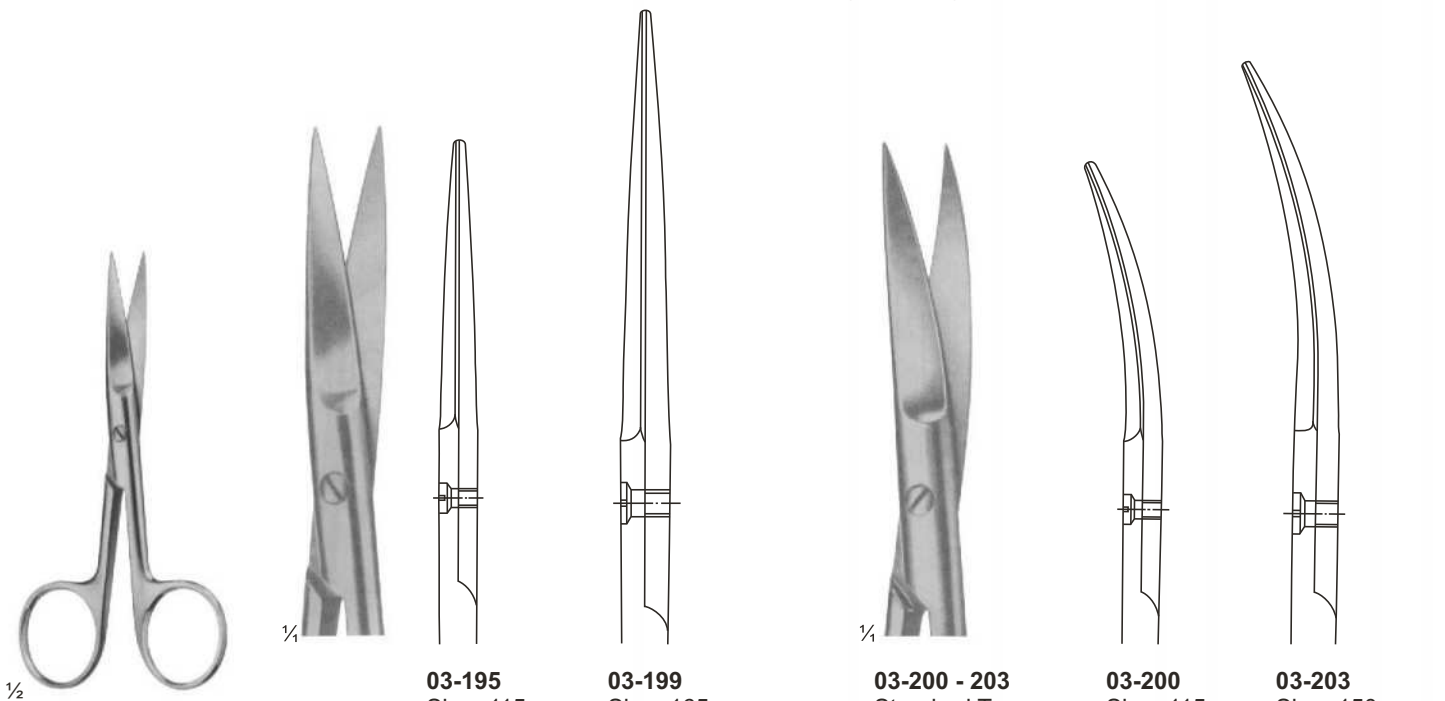


03-184 - 188 (Standard Types)
03-184 (130 mm)
03-185 (145 mm)
03-186 (150 mm)
03-187 (165 mm)
03-188 (175 mm)

03-184 **03-188**
 Size: 130 mm 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 **03-194**
 Size: 115 mm 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 **03-199**
 Size: 115 mm Size: 165 mm

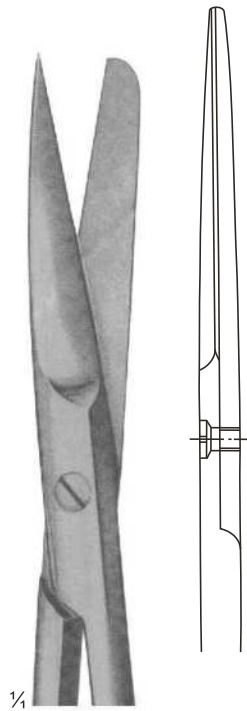
03-200 - 203
 Standard Types
03-200 (115 mm)
03-201 (130 mm)
03-202 (145 mm)
03-203 (150 mm)

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

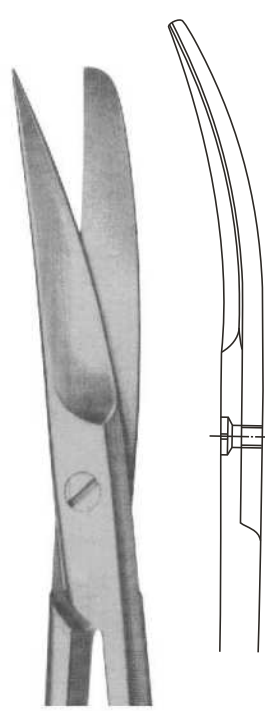
Surgical Scissors



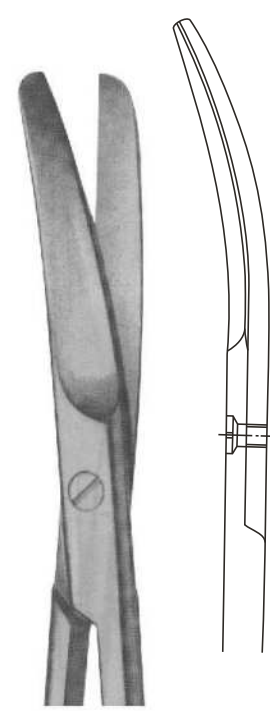
03-204 - 206
DEAVER
With flat lock



03-204
Size: 145 mm



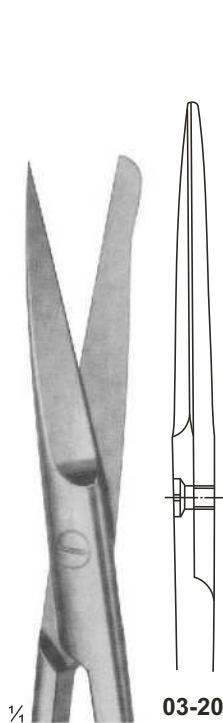
03-205
Size: 145 mm



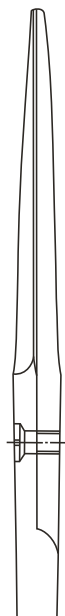
03-206
Size: 145 mm



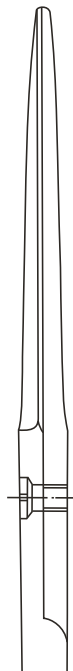
03-207 - 209
Incision Scissors



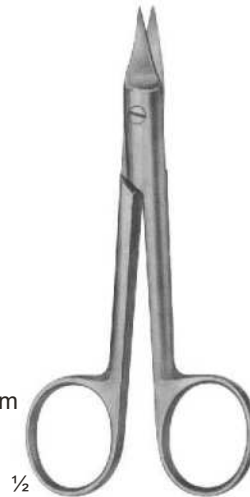
03-207
Size: 130 mm



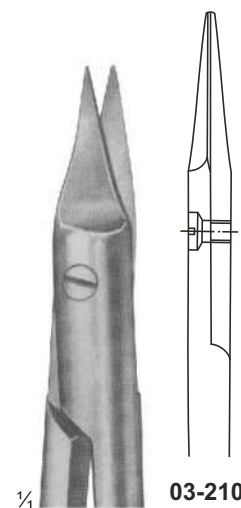
03-208
Size: 145 mm



03-209
Size: 165 mm



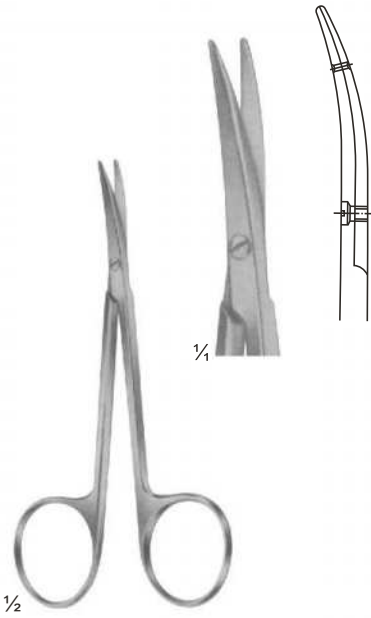
03-210
SYSTRUNK
Nail Splitting Scissors



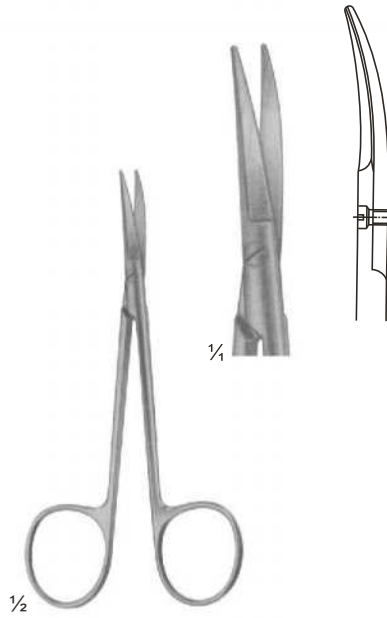
03-210
Size: 130 mm



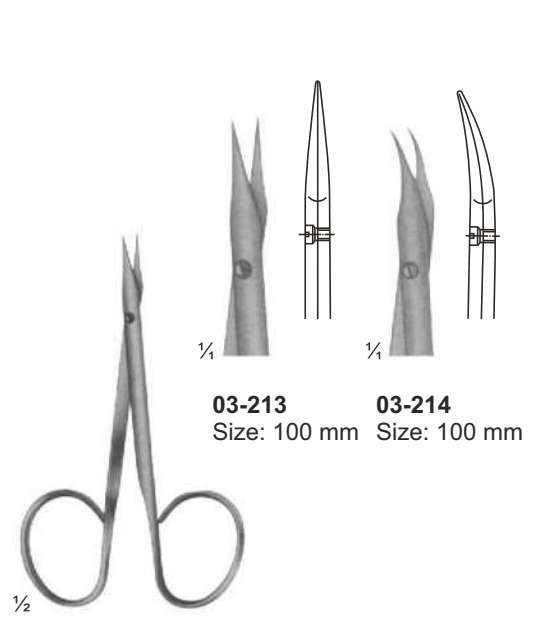
Dissecting Scissors



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

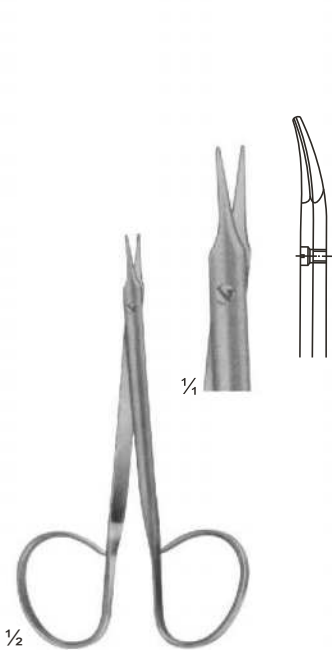


**03-212
COTTLE**
Bulldog Scissors
Size: 115 mm

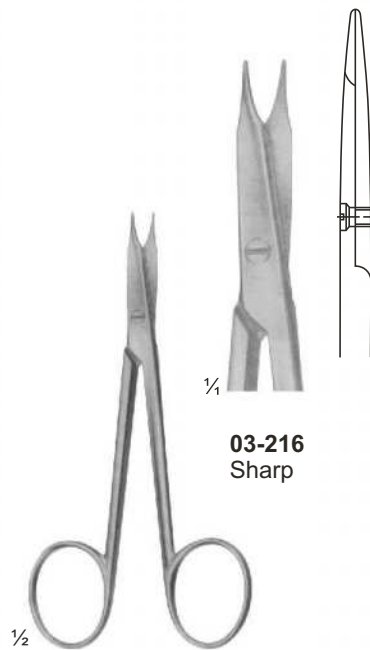


03-213 **03-214**
Size: 100 mm Size: 100 mm

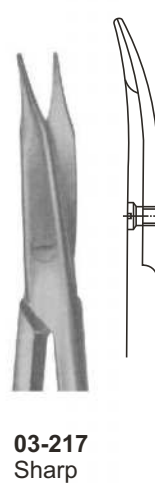
**03-213 - 214
STEVENS**
Vessel and tendon Scissors
Size: 100 mm



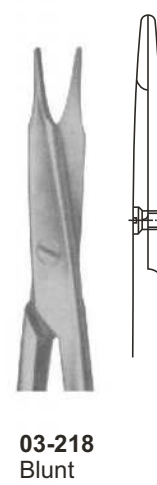
**03-215
STEVENS**
Fine Dissecting Scissors
Size: 110 mm



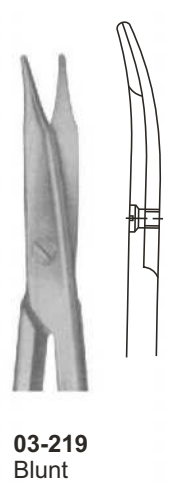
**03-216 - 219
STEVENS**
Vessel and tendon Scissors
Size: 110 mm



03-217
Sharp

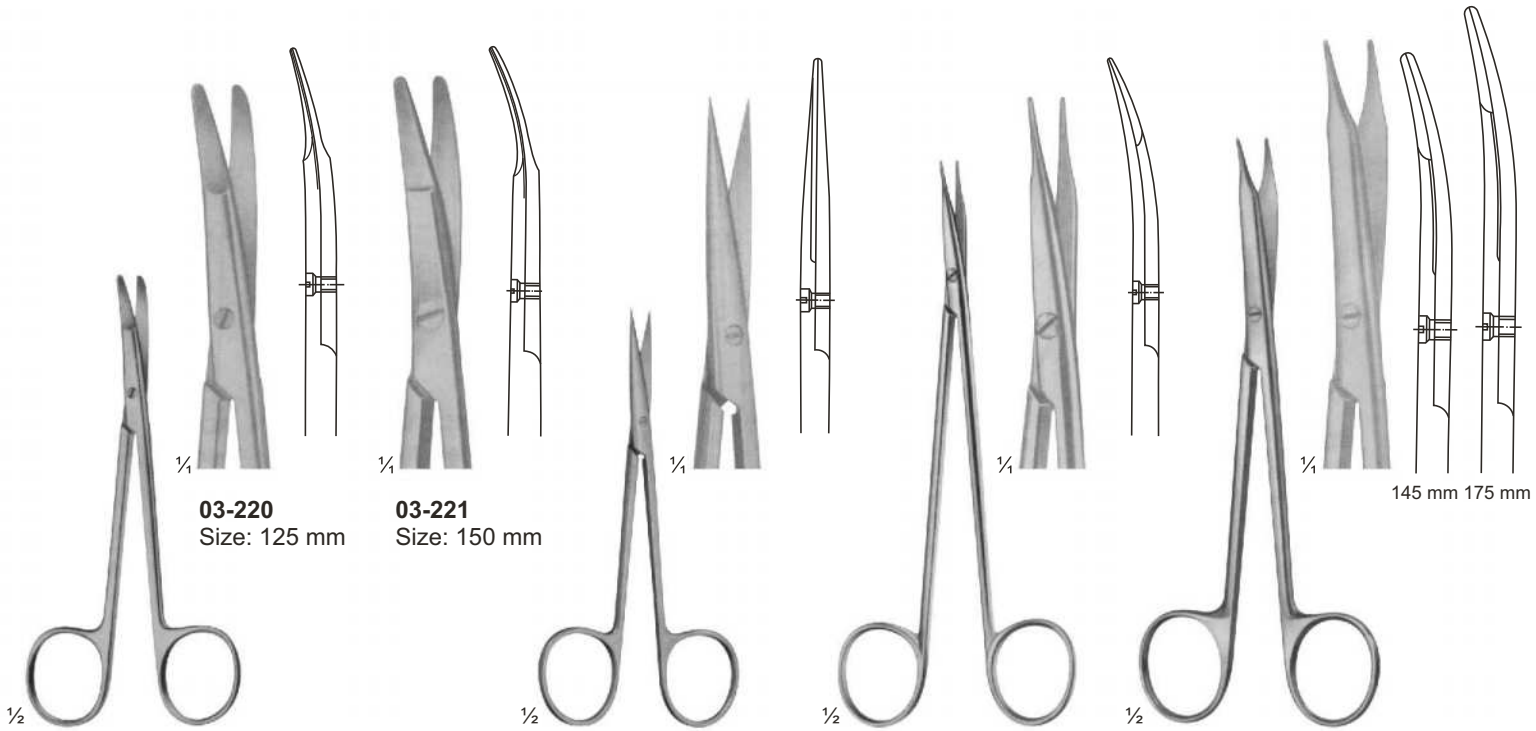


03-218
Blunt



03-219
Blunt

Dissecting Scissors

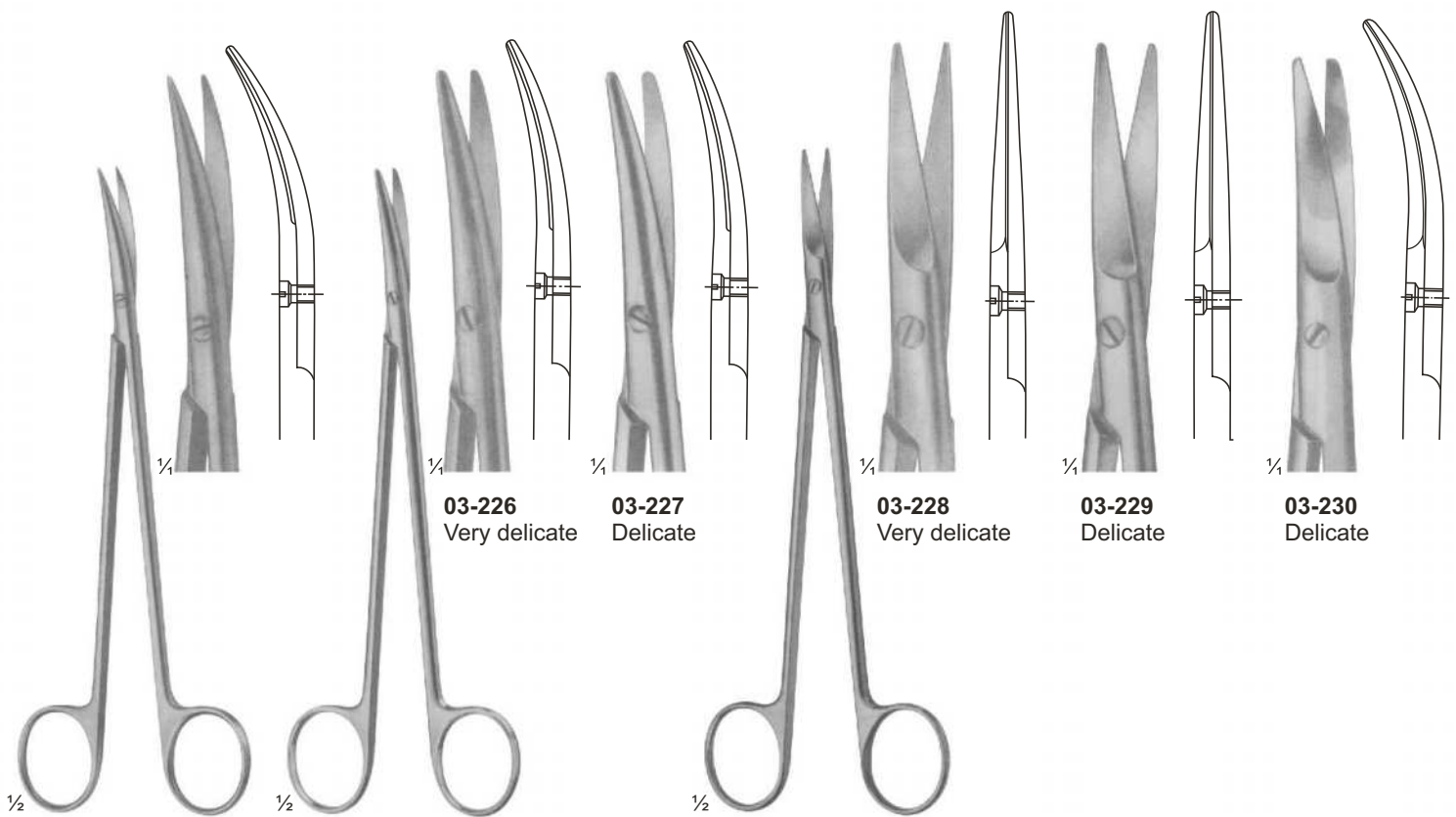


03-220 - 221
KILNER
Special flat points for dissecting
and undermining the skin

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

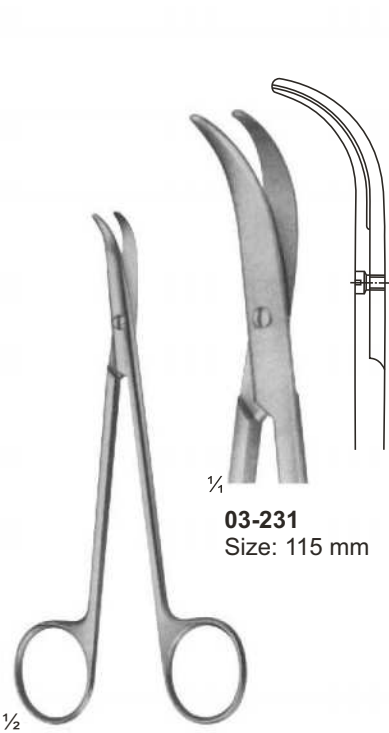


03-225
DE BAKEY
Ateriotomy scissors
Size: 175 mm

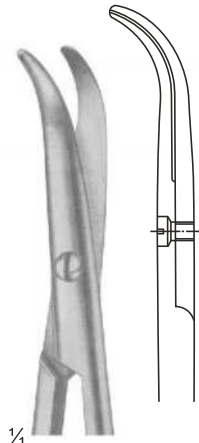
03-226 - 227
TOENNIS ADSON
Dissecting scissors
Size: 175 mm

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

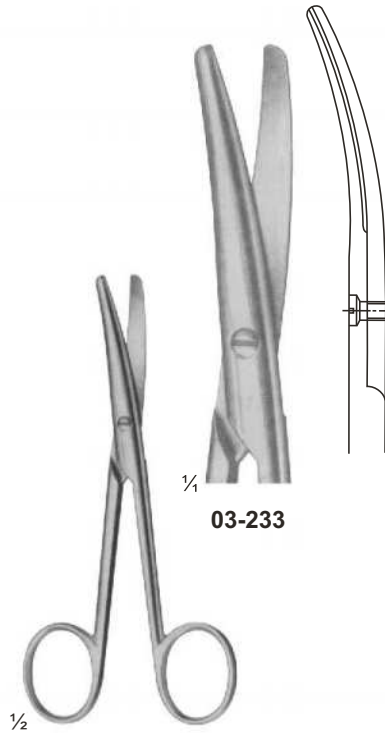
Dissecting & Surgical Scissors



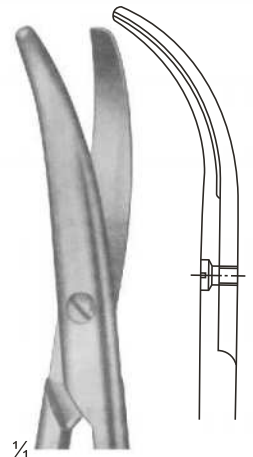
03-231
Size: 115 mm



03-232
Size: 135 mm



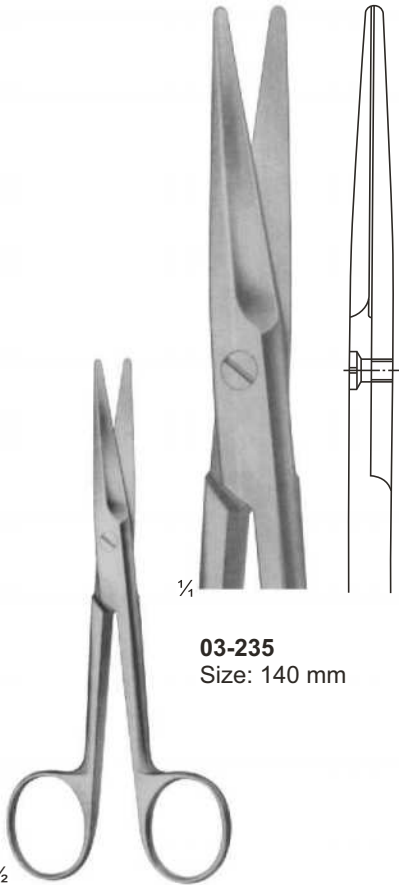
03-233



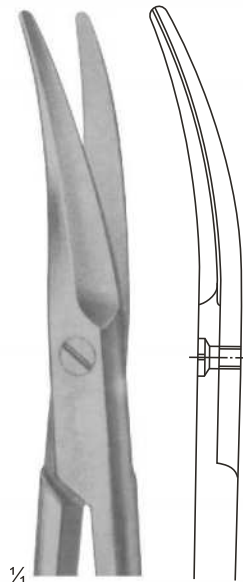
03-234

03-231 - 232
FOMON
Lower lateral scissors

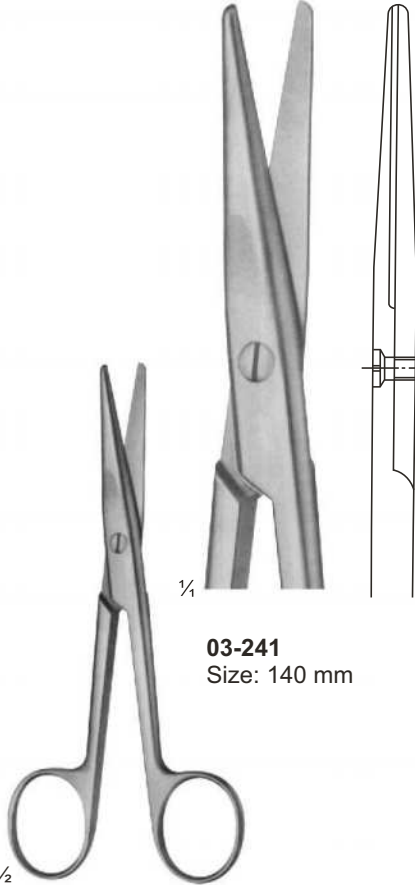
03-233 - 234
LANDOLT
Enucleation scissors
Size: 120 mm



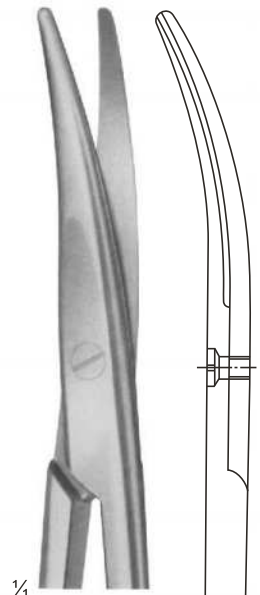
03-235
Size: 140 mm



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



03-241
Size: 140 mm

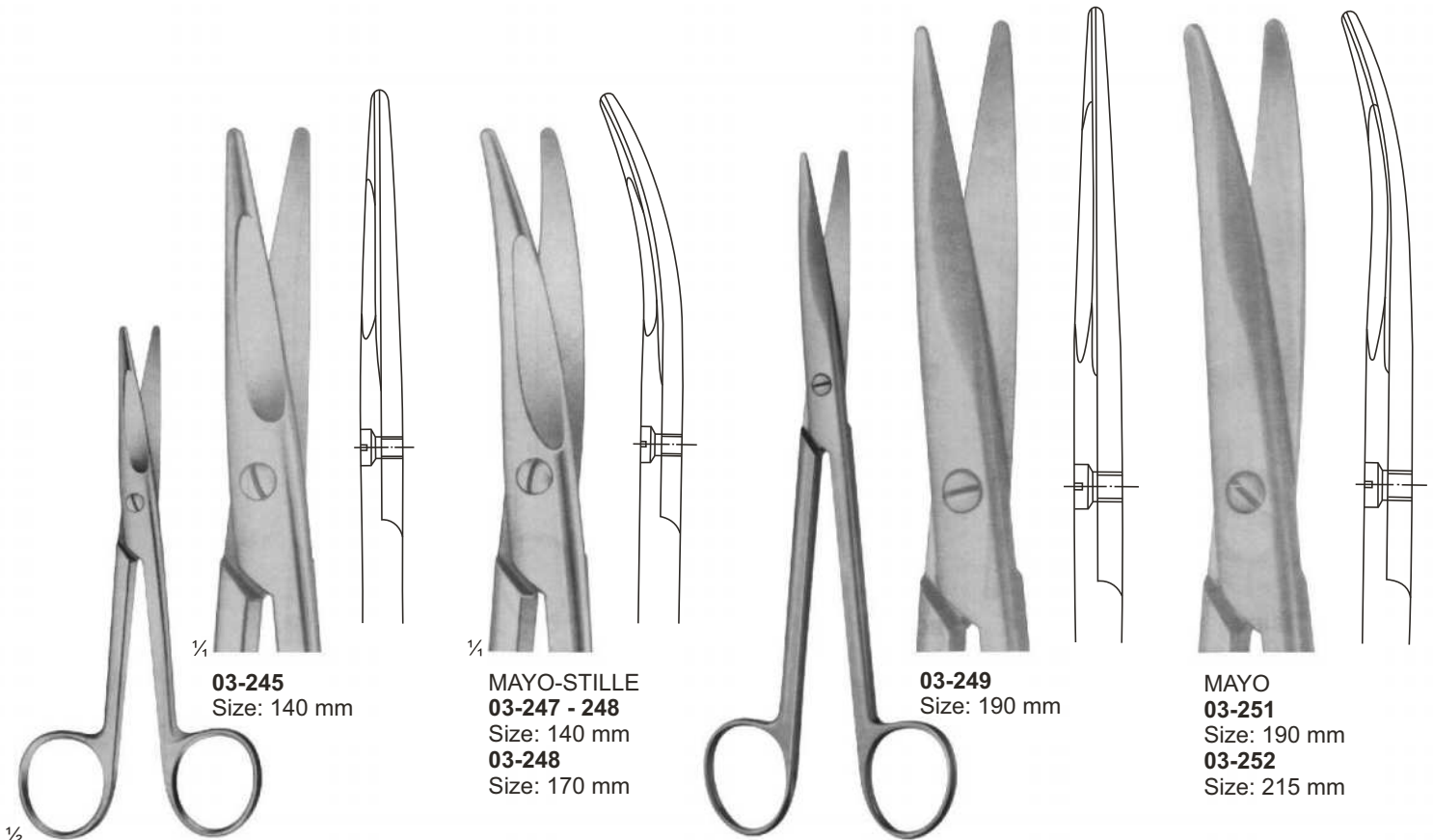


03-243 - 244
MAYO-STILLE
03-243 (140 mm)
03-244 (170 mm)

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

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

Dissecting Scissors



03-245
Size: 140 mm

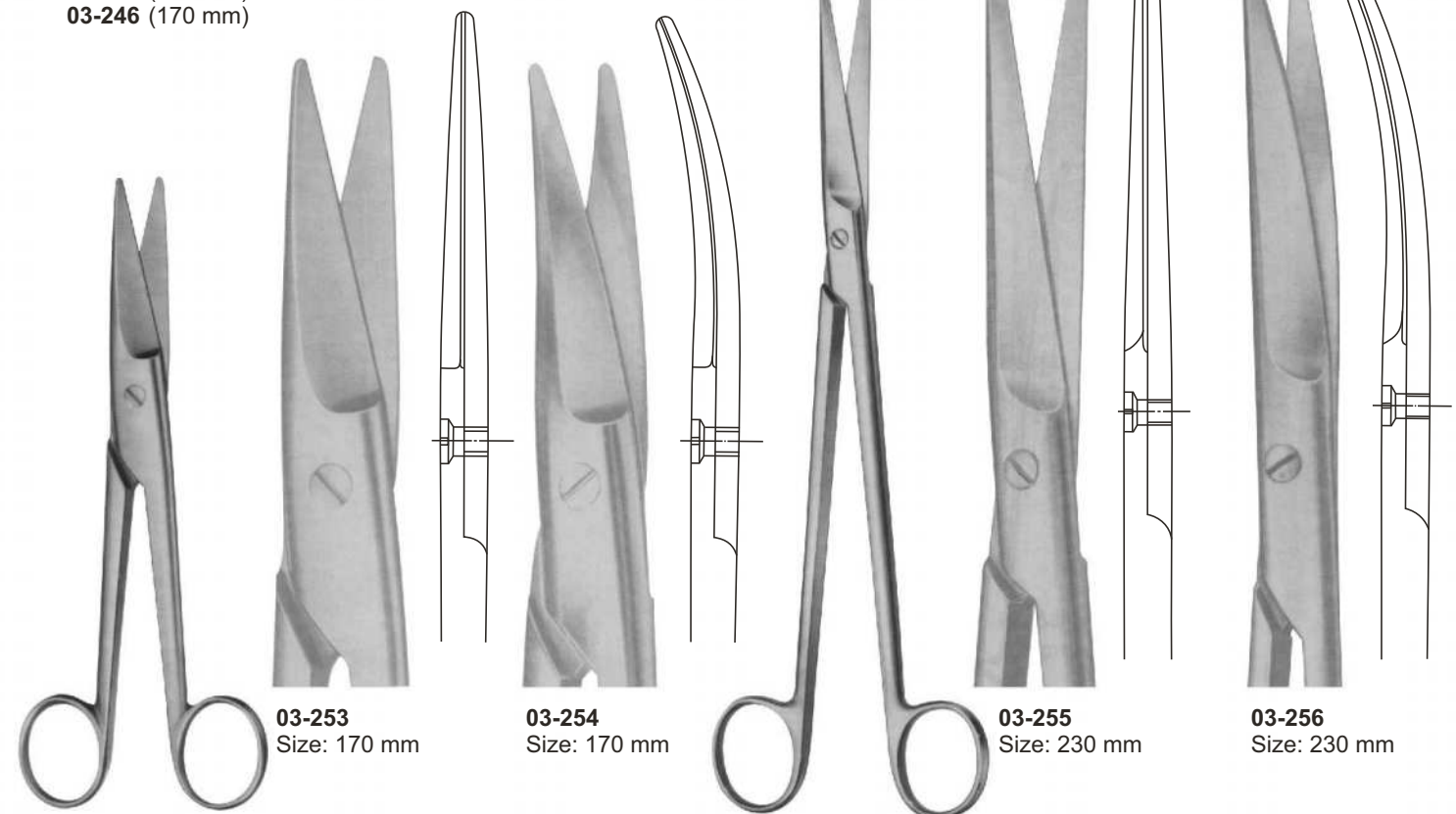
MAYO-STILLE
03-247 - 248
Size: 140 mm
03-248
Size: 170 mm

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

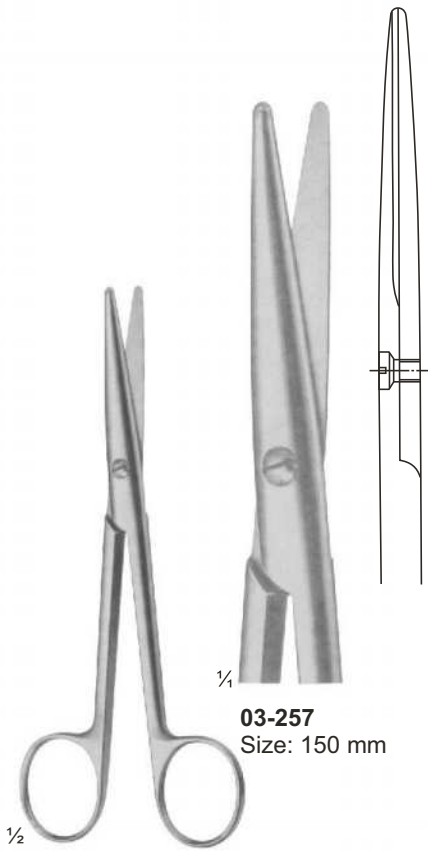
03-256
Size: 230 mm

03-253 - 254
MAYO-NOBLE
Broad pattern

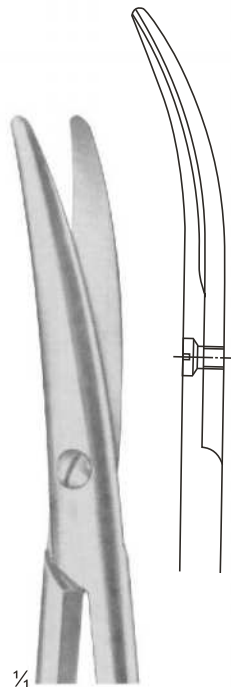
03-255 - 256
MAYO-HARRINGTON



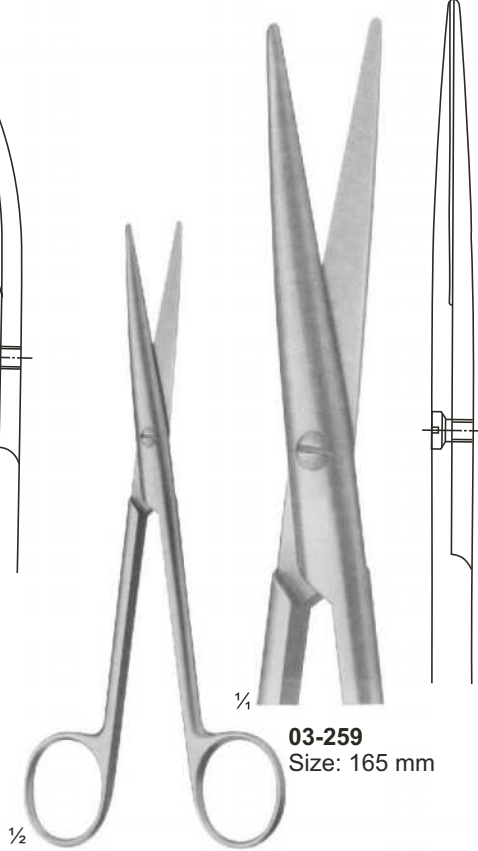
Dissecting Scissors



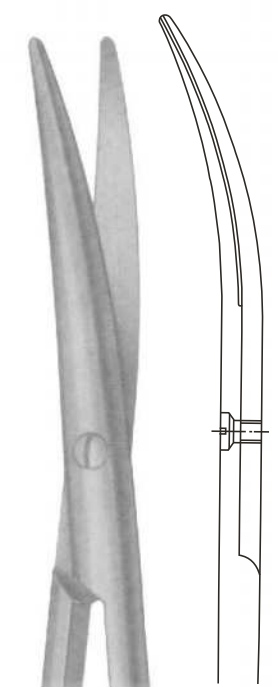
03-257
Size: 150 mm



03-258
Size: 150 mm



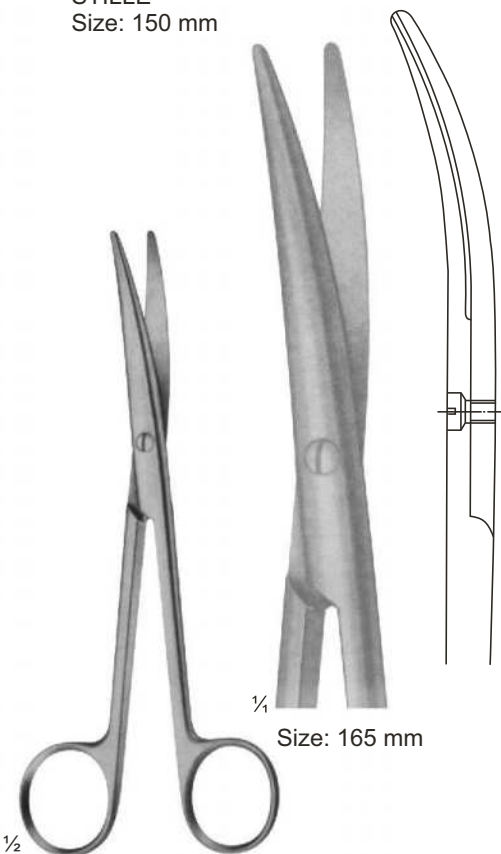
03-259
Size: 165 mm



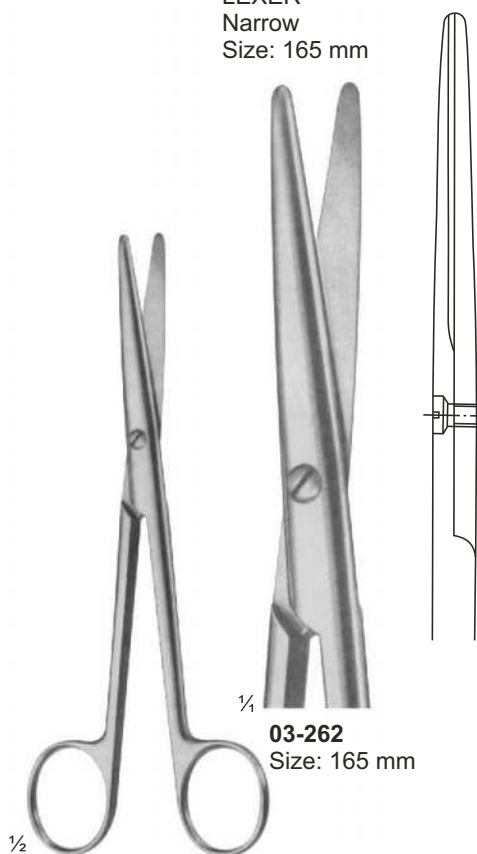
03-260
Size: 165 mm

03-257 - 258
STILLE
Size: 150 mm

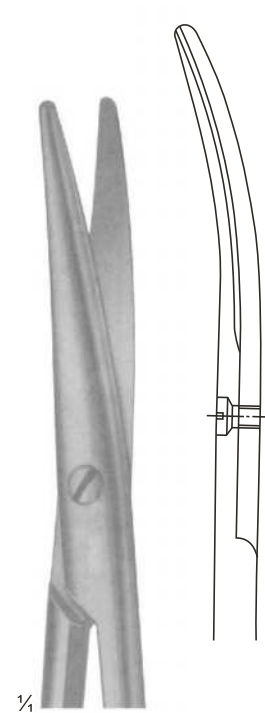
03-259 - 260
LEXER
Narrow
Size: 165 mm



Size: 165 mm



03-262
Size: 165 mm



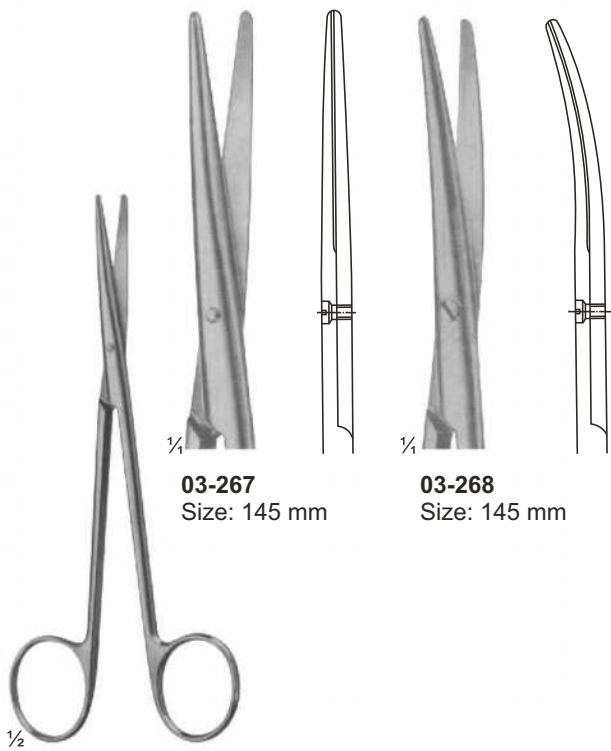
MAYO
03-264 - 266
Size: 165 mm

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

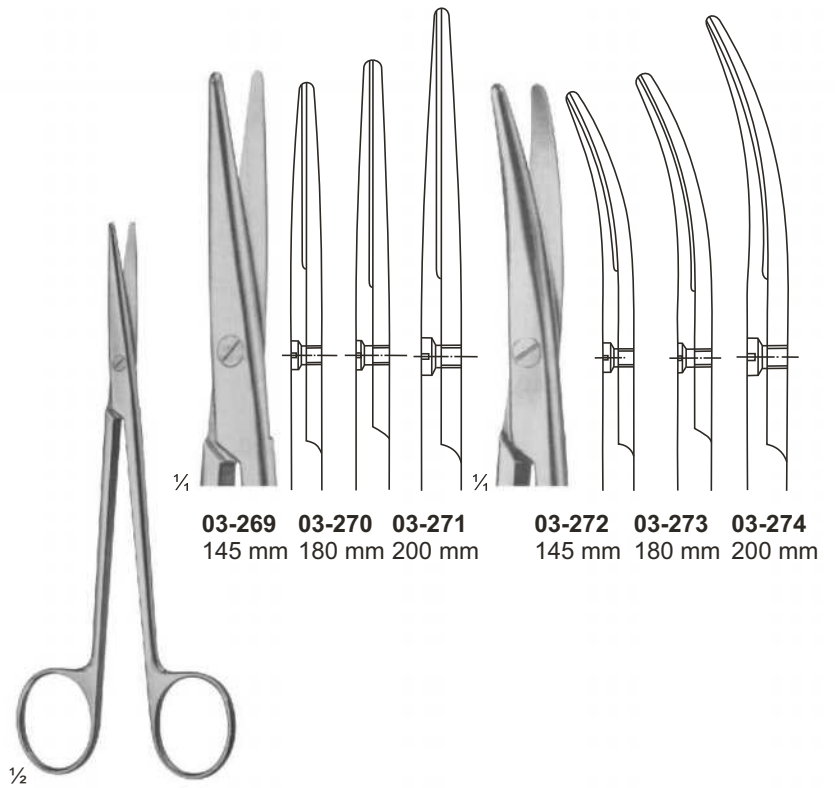
Dissecting Scissors



03-267
Size: 145 mm

03-268
Size: 145 mm

03-267 - 268
BABY - METZENBAUM



03-269 145 mm

03-270 180 mm

03-271 200 mm

03-272 145 mm

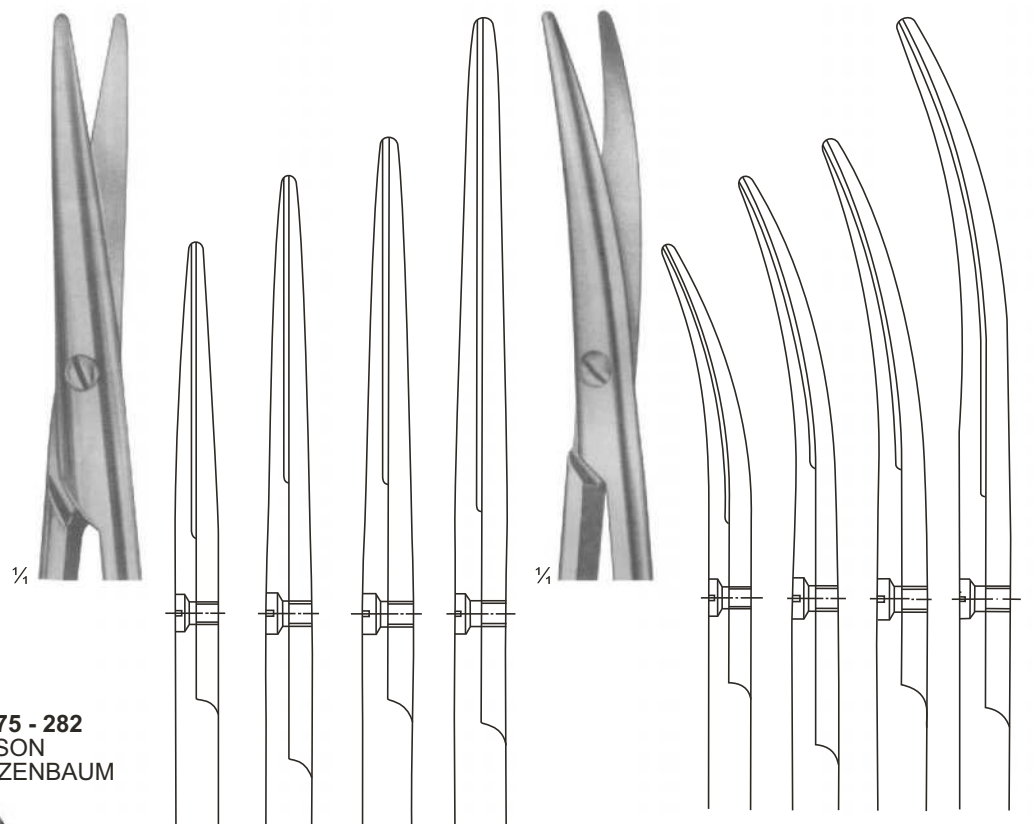
03-273 180 mm

03-274 200 mm

03-269 - 274
METZENBAUM



03-275 - 282
NELSON
METZENBAUM



03-275 230 mm

03-276 250 mm

03-277 280 mm

03-278 305 mm

03-279 230 mm

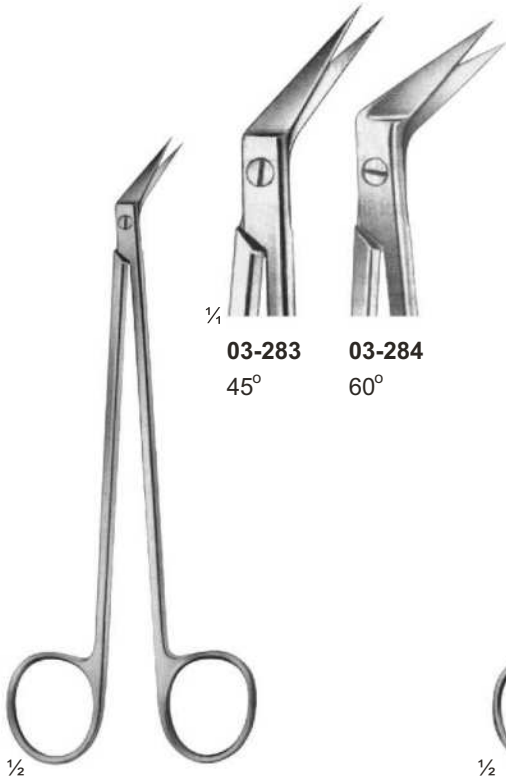
03-280 250 mm

03-281 280 mm

03-282 305 mm



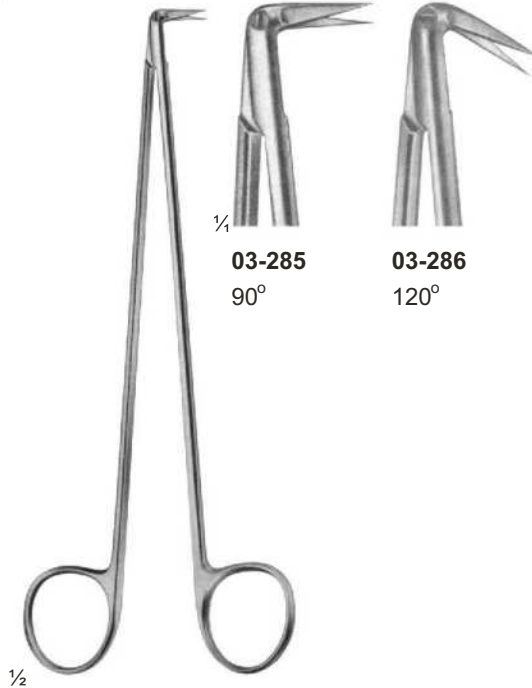
Vessel Scissors



03-283
45°

03-284
60°

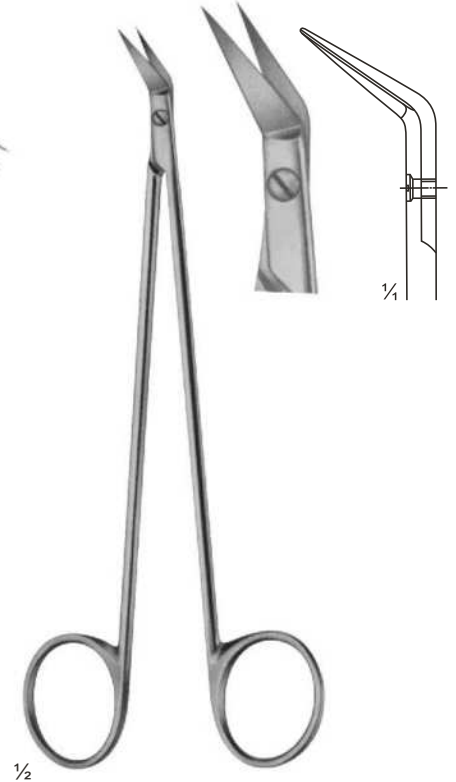
03-283 - 284
DE BAKEY
Size: 155 mm



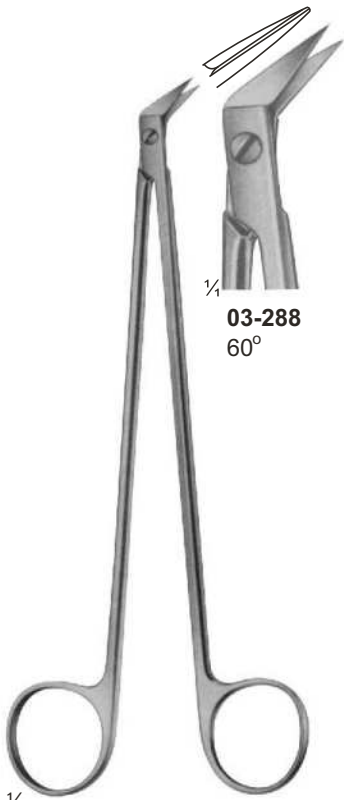
03-285
90°

03-286
120°

03-285 - 286
DIETRICH
Size: 170 mm

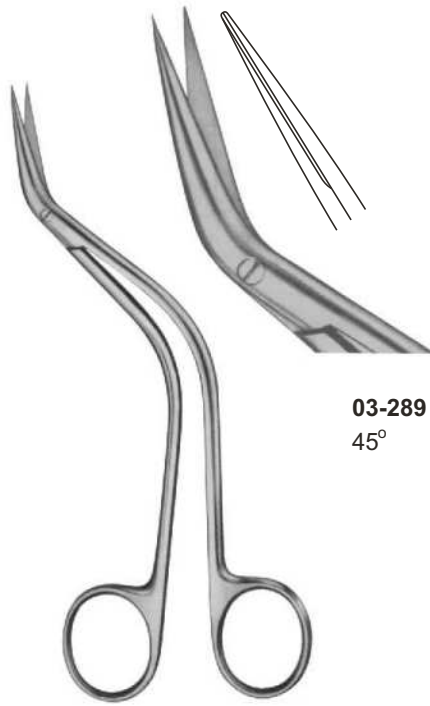


03-287
POTTS-SMITH
Size: 180 mm



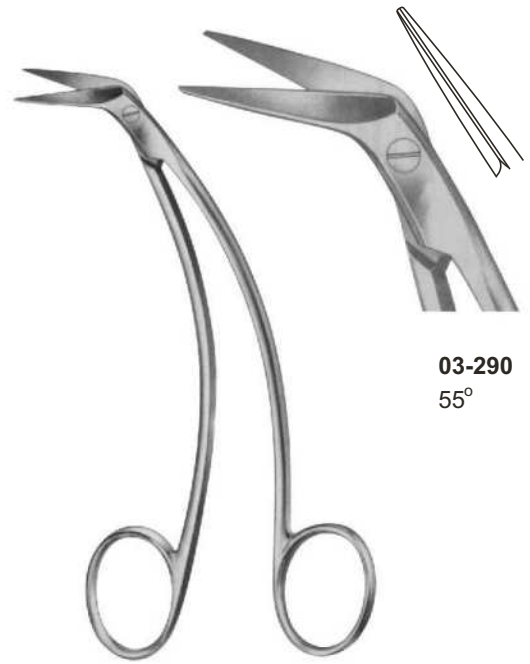
03-288
60°

03-288
POTTS-SMITH
Size: 180 mm



03-289
45°

03-289
DEBAKEY
Size: 155 mm



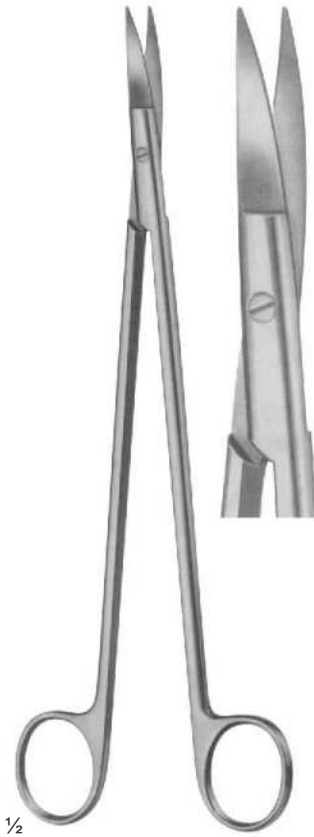
03-290
55°

03-290
FAVOLORO
Size: 140 mm

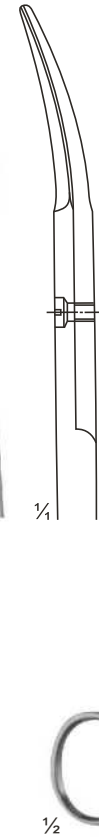
Cardiovascular and Neuro-Surgery Scissors



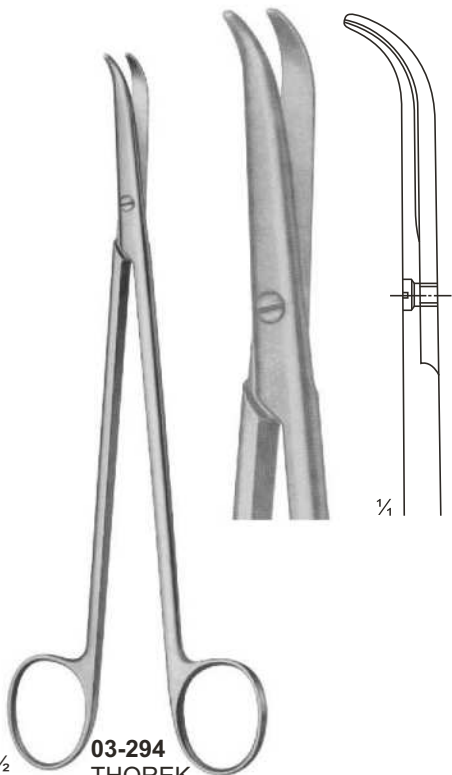
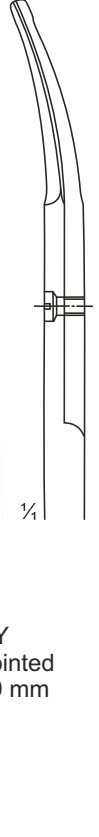
**03-291
OLIVECRONA
Dura Scissors**



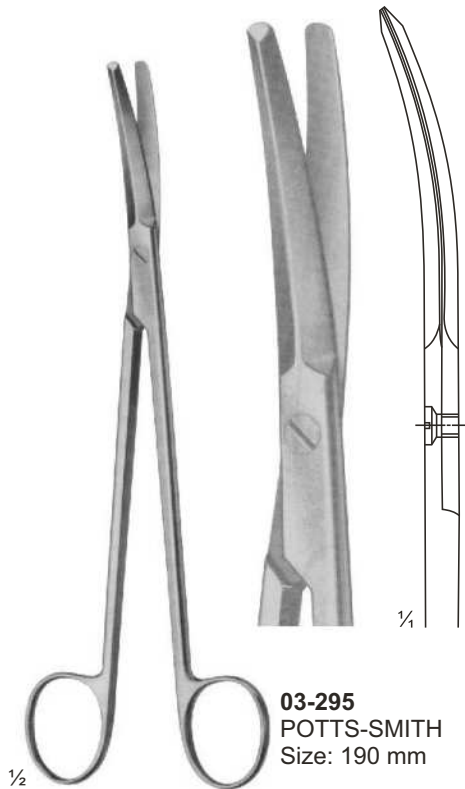
**03-292
STRULLY
Pointed
Size: 220 mm**



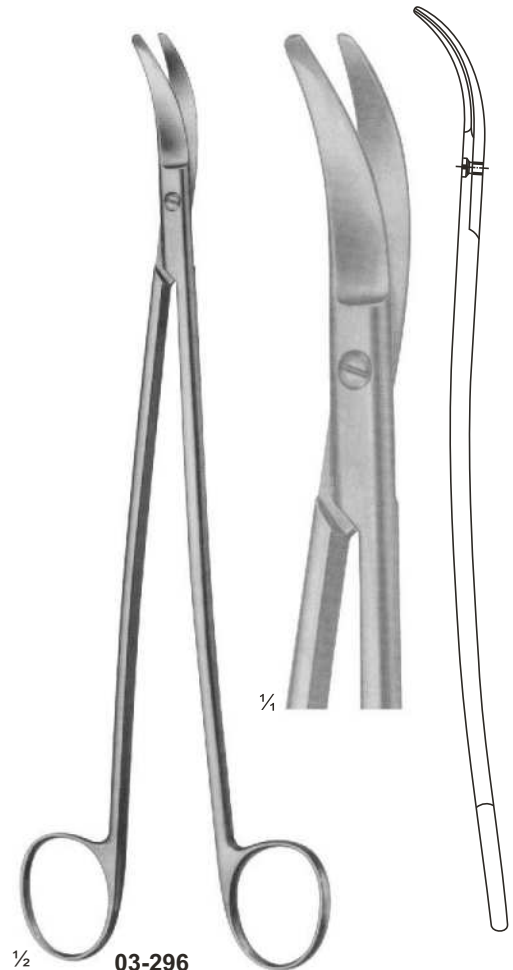
**03-293
STRULLY
Probe Pointed
Size: 220 mm**



**03-294
THOREK
Size: 180 mm**



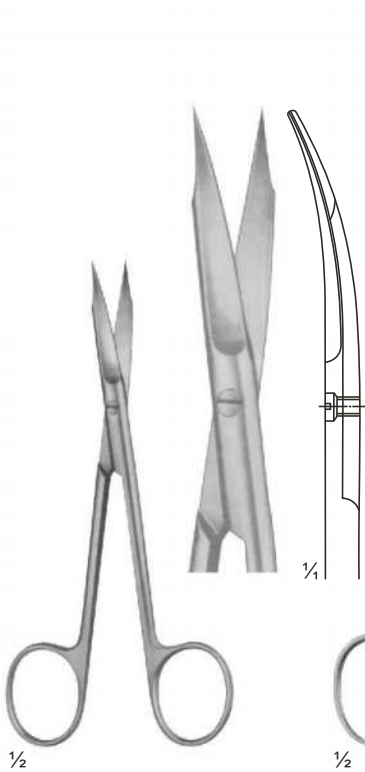
**03-295
POTTS-SMITH
Size: 190 mm**



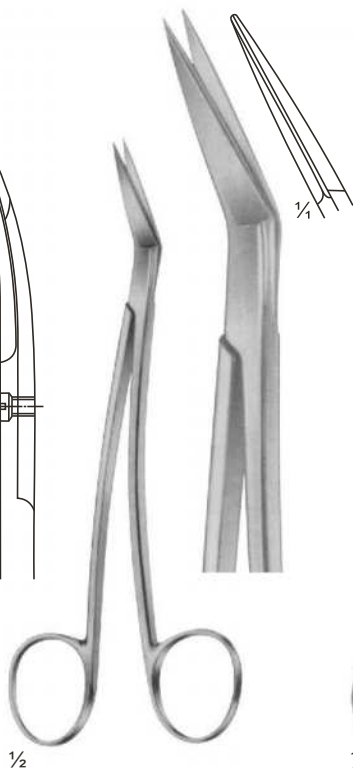
**03-296
SATINSKY
Size: 245 mm**



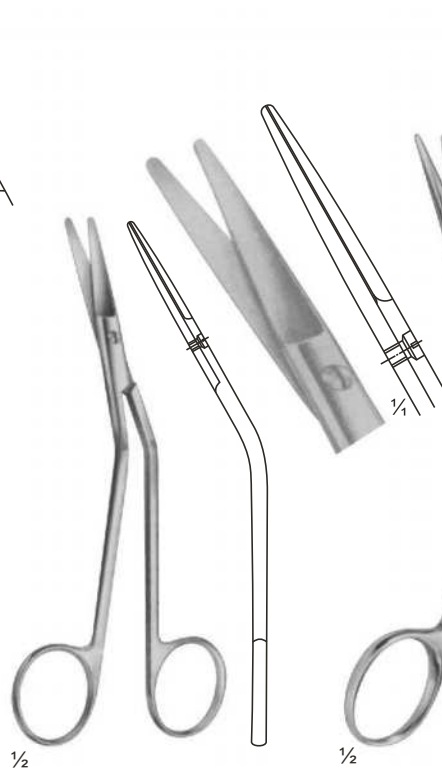
Delicate, Nasal and Tonsil Scissors



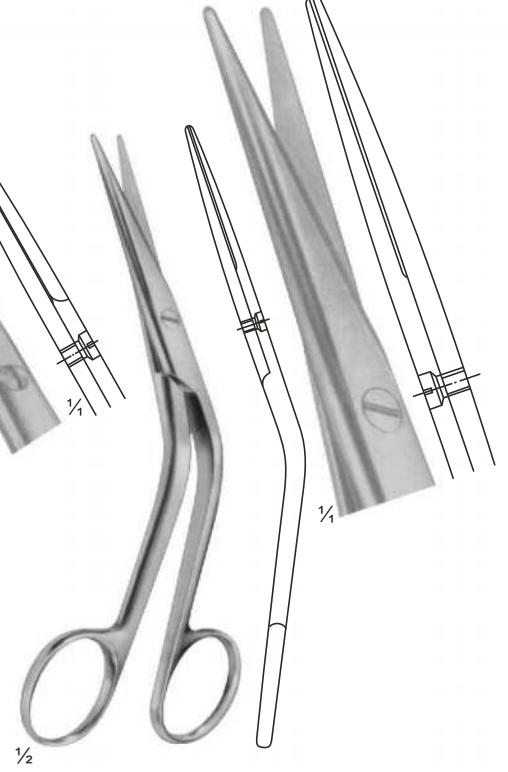
03-297
1 Finely Toothed Blade
Size: 130 mm



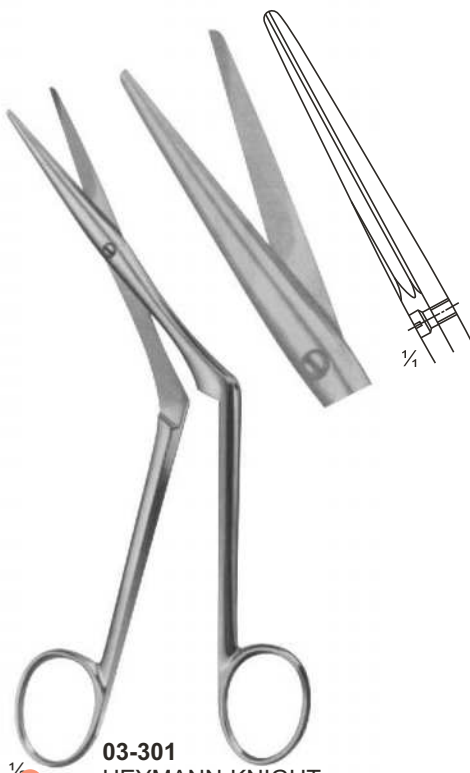
03-298
LOCKLIN
Curved Sideways,
1 Toothed Blade
Size: 155 mm



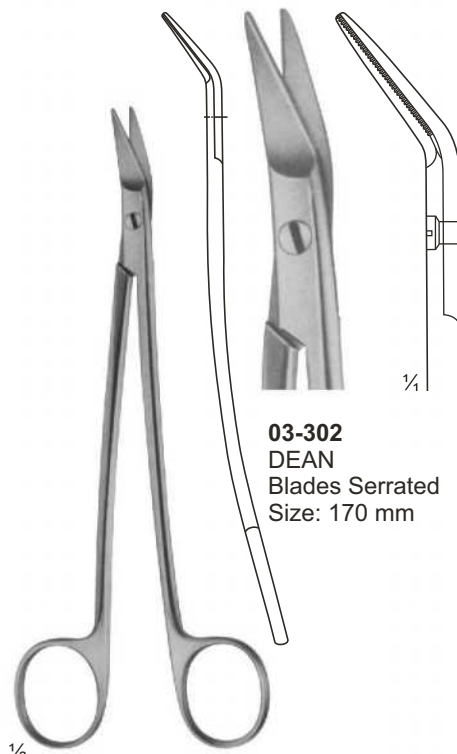
03-299
FOMON
Blades Serrated
Size: 145 mm



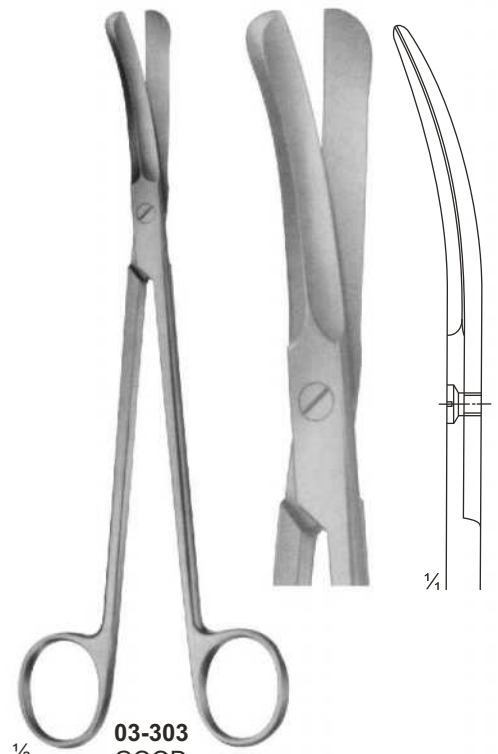
03-300
COTTLE
Size: 165 mm



03-301
HEYMANN-KNIGHT
Size: 175 mm

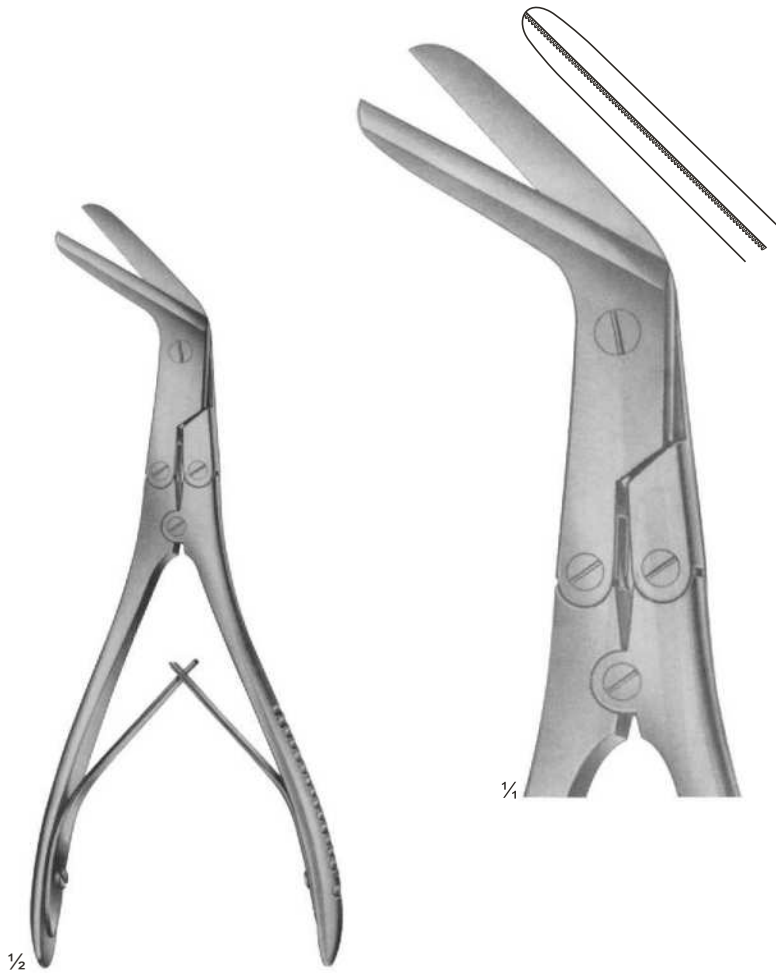


03-302
DEAN
Blades Serrated
Size: 170 mm

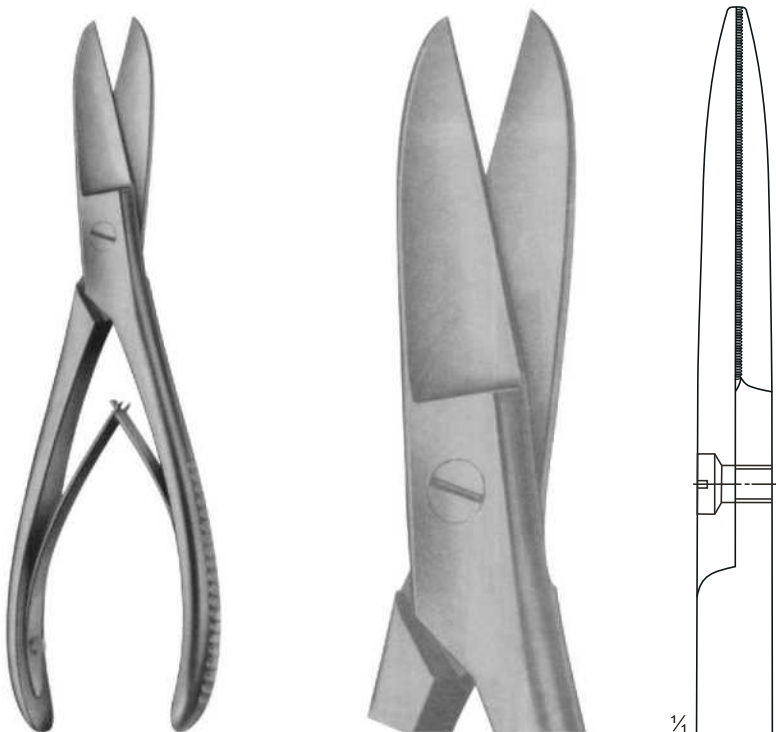


03-303
GOOD
Size: 195 mm

Bone Shears

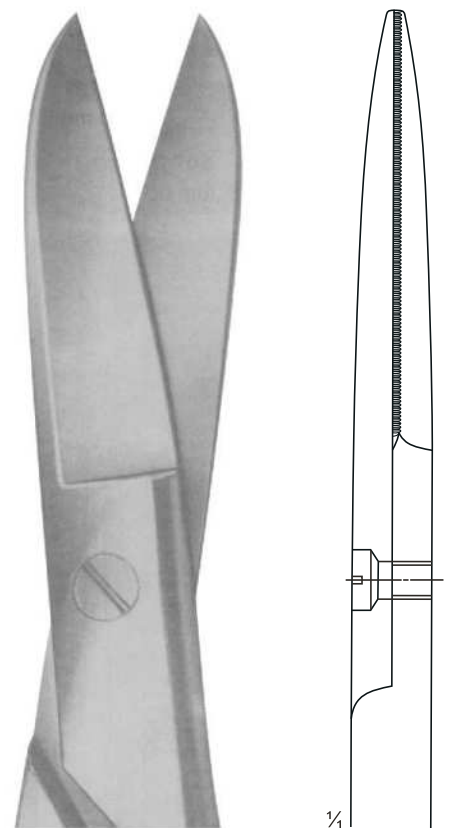


03-304
KILLIAN
Size: 200 mm



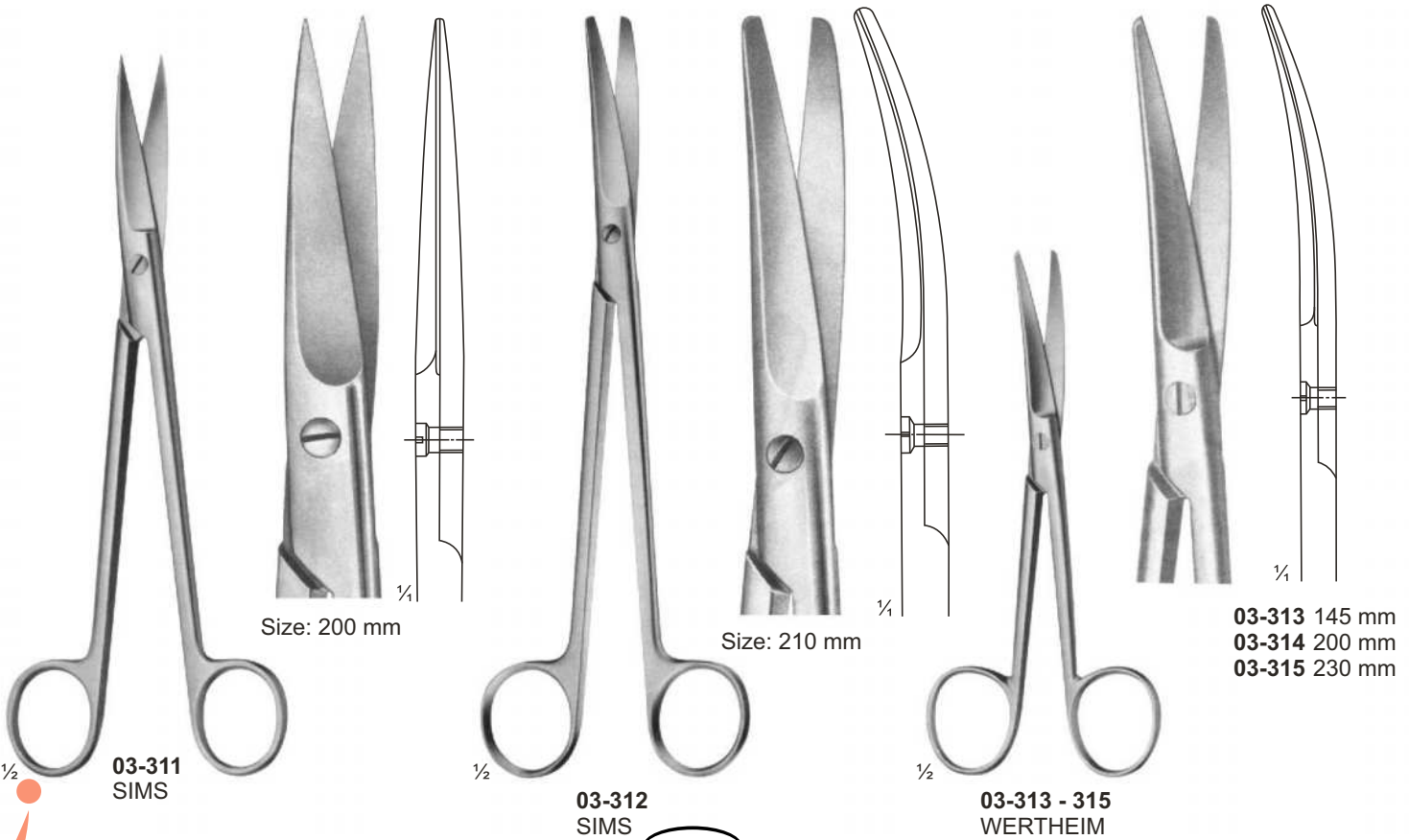
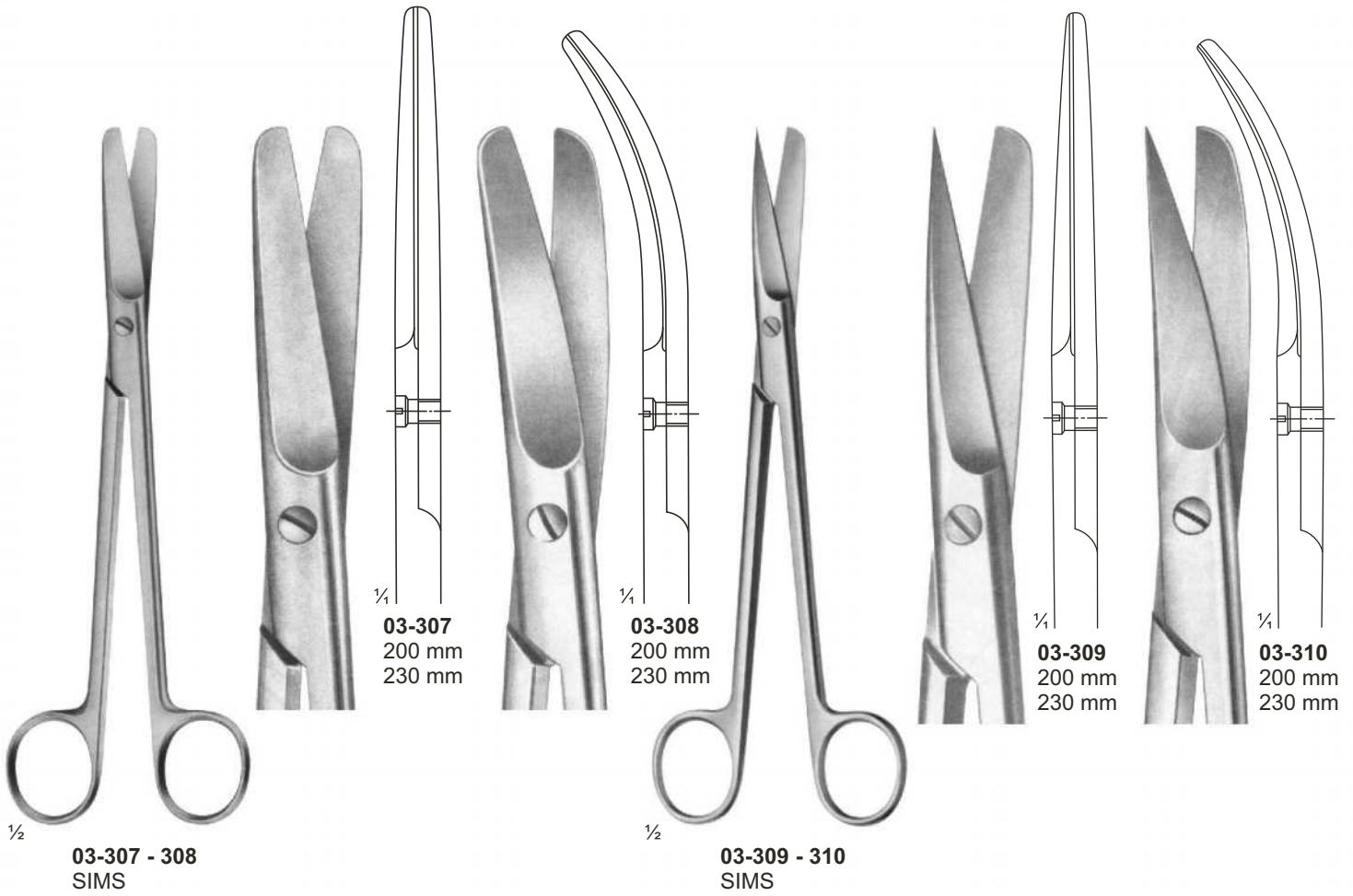
03-305 - 306

03-305
195 mm



03-306
225 mm

Operating and Gynaecology Scissors



Operating and Gynaecology Scissors



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



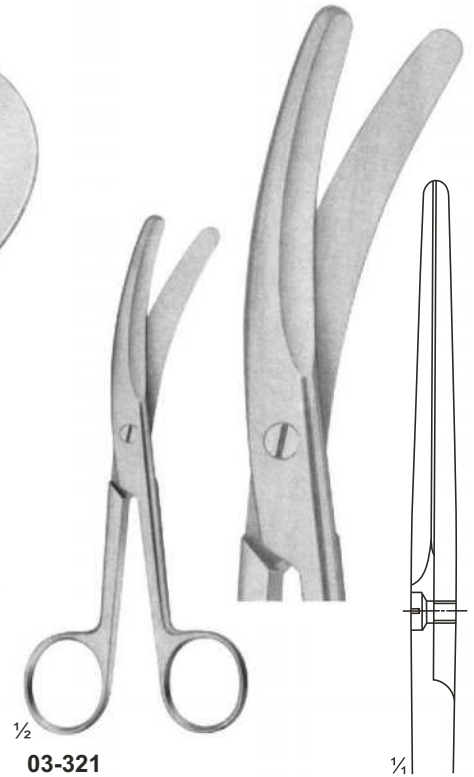
Operating and Gynaecology Scissors



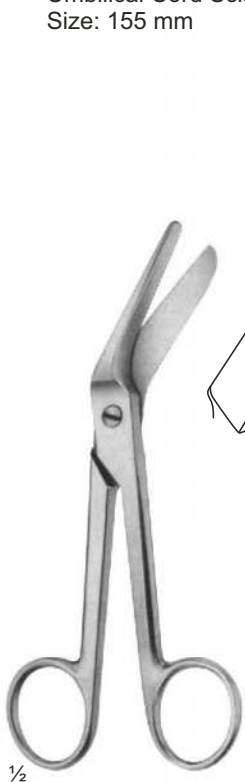
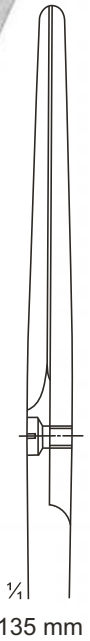
03-319
SCHUMACHER
Umbilical Cord Scissors
Size: 155 mm



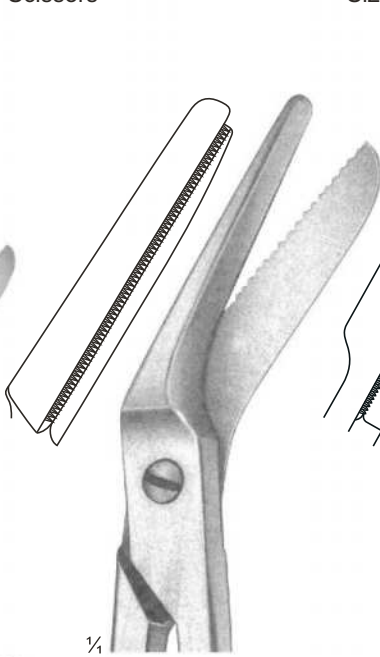
03-320
Umbilical Cord Scissors
Size: 105 mm



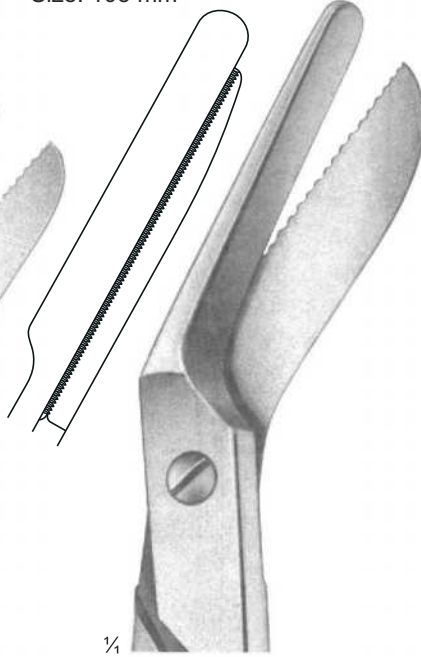
03-321
Umbilical Cord Scissors



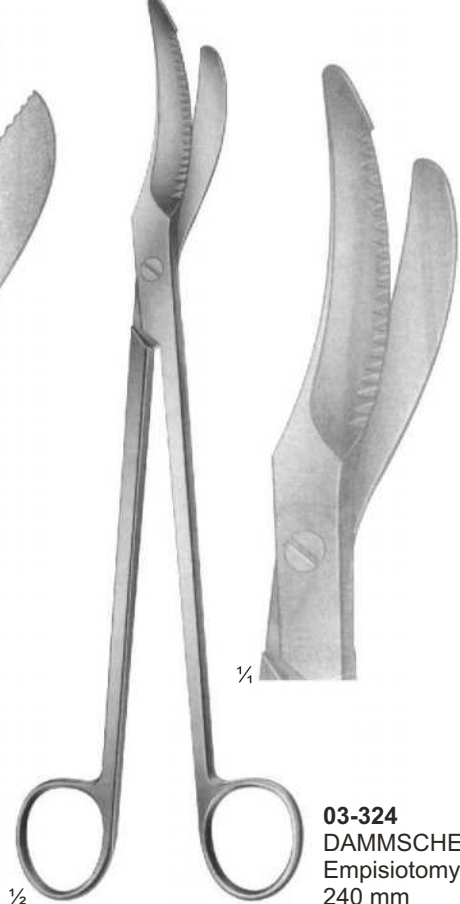
03-322 - 323
BRAUN-STADLER
Empisiotomy Scissors



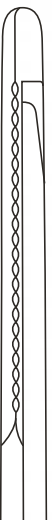
03-322
145 mm



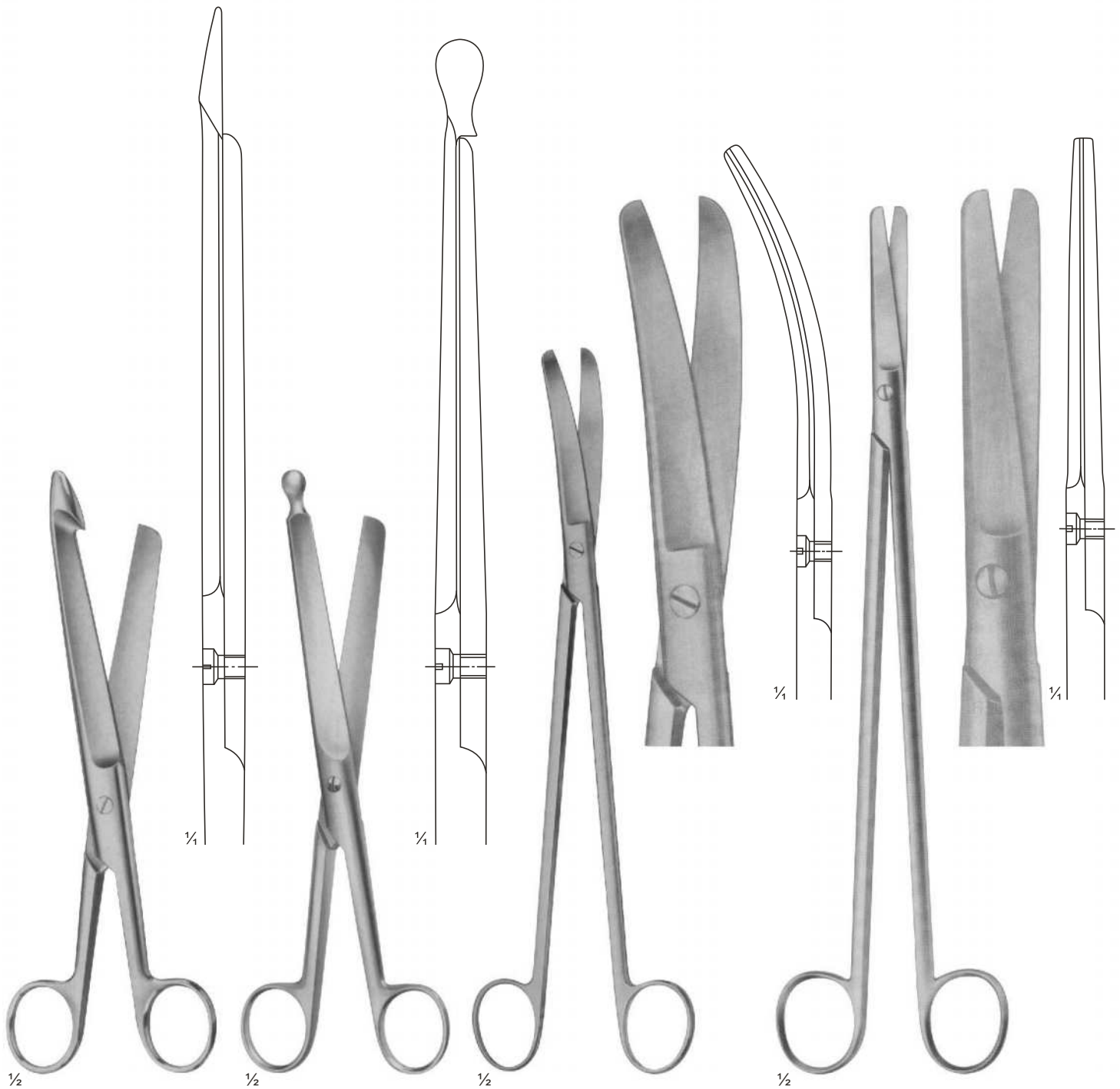
03-323
200 mm



03-324
DAMMSCHERE
Empisiotomy Scissors
240 mm



Bowel Scissors, Cartilage Scissors



03-325
DAMMSCHERE
Bowel Scissors
Size: 210 mm

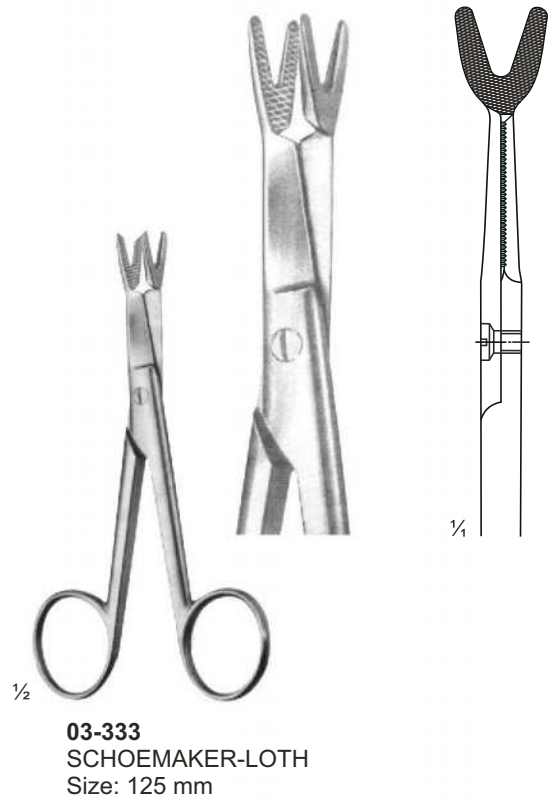
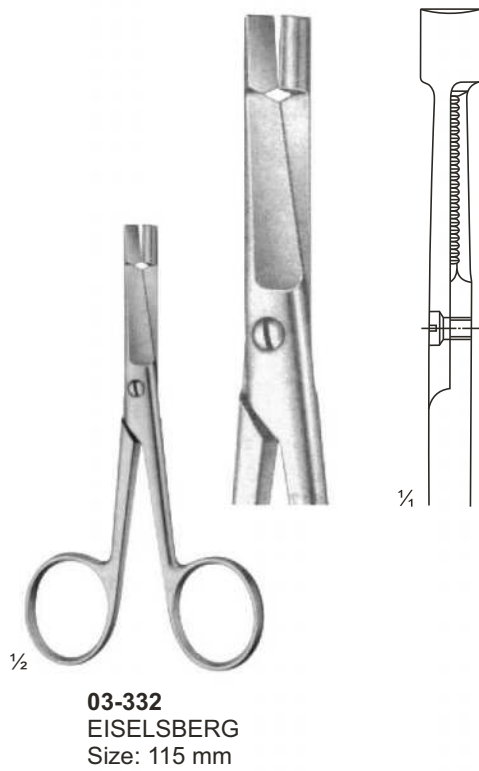
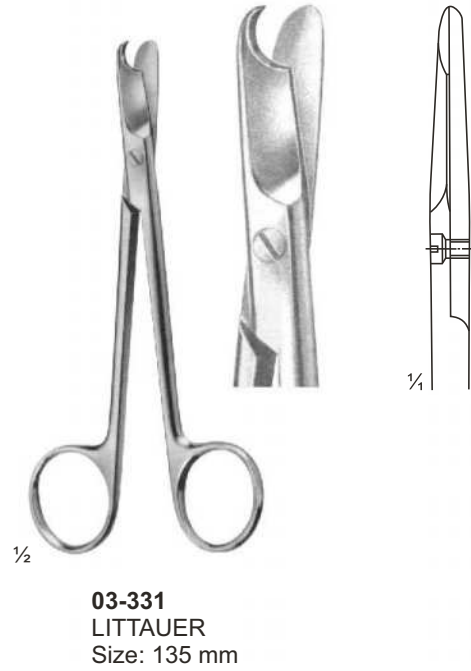
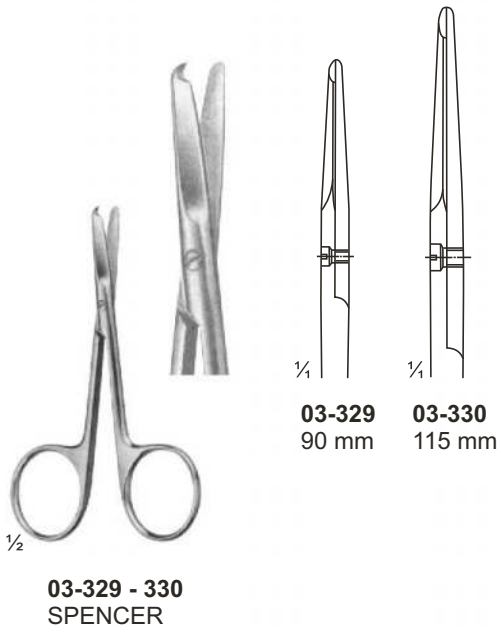
03-326
DAMMSCHERE
Bowel Scissors
Size: 210 mm

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

03-328
STELZNER
Rectal Scissors
Size: 310 mm



Ligature Scissors

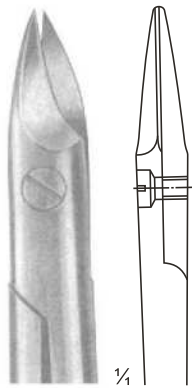


Wire and Plate Scissors



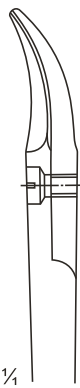
1/2

03-334 - 338
BEEBE
Size: 110 mm



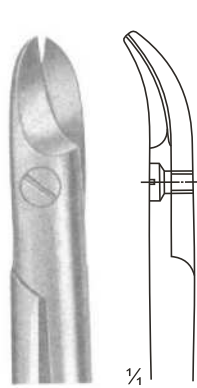
1/4

03-334



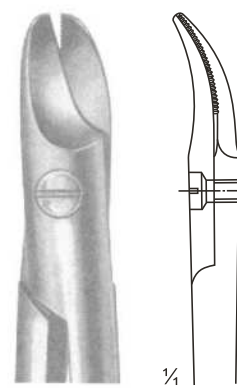
1/4

03-335



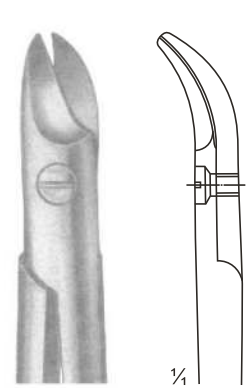
1/4

03-336
Broad Blades



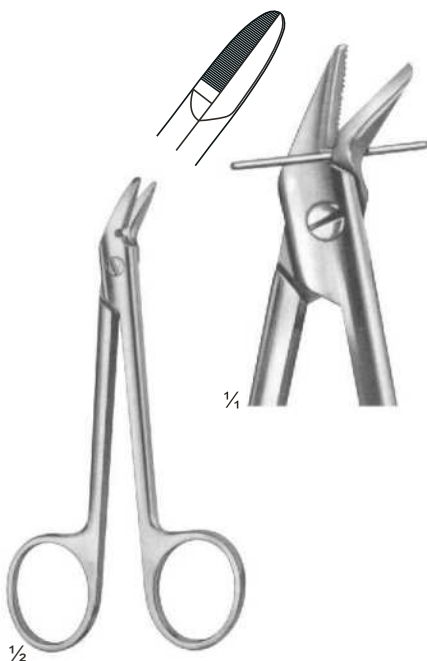
1/4

03-337
1 Blade Serrated



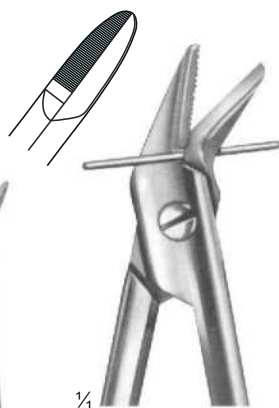
1/4

03-338
NAUJOKS
Strongly Curved

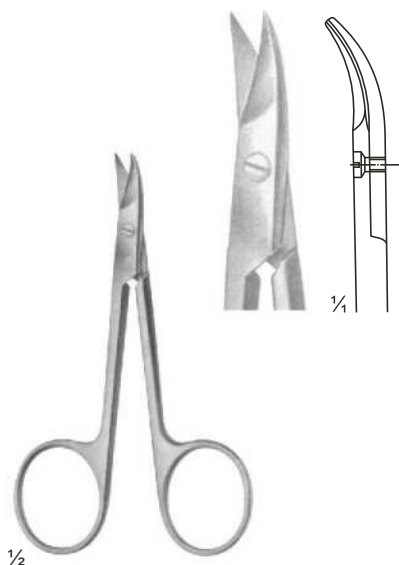


1/2

03-339
1 Blade Serrated
Size: 120 mm

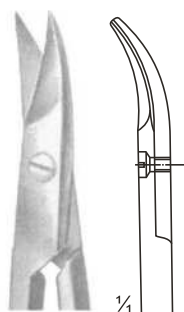


1/4

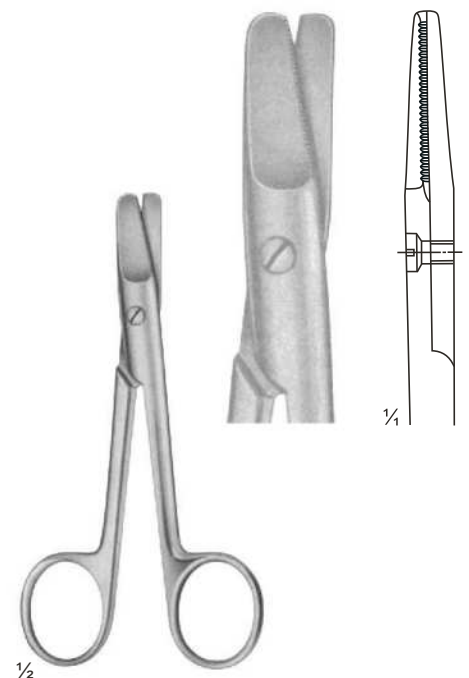


1/2

03-340
STRACK
Size: 100 mm

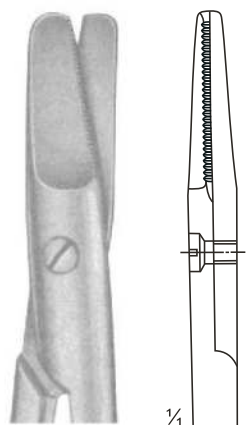


1/4



1/2

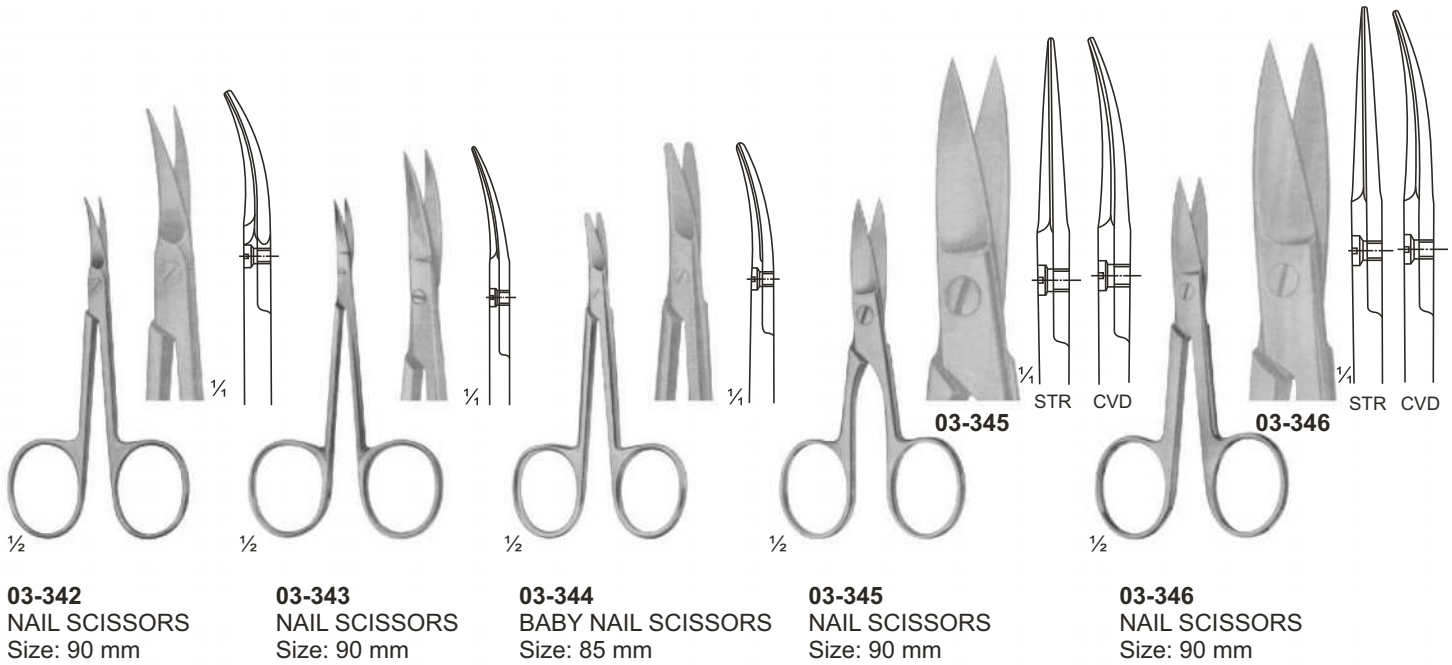
03-341
HARVEY
Size: 125 mm



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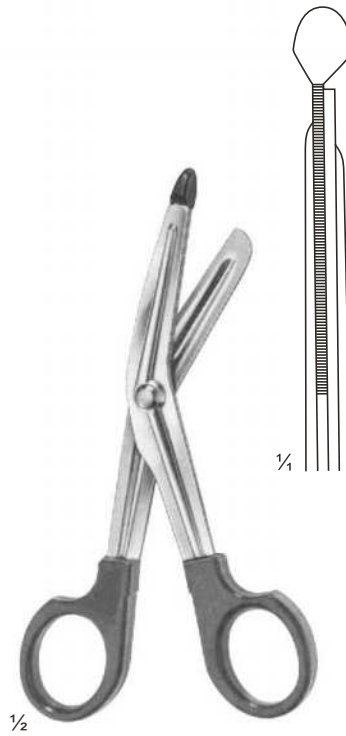
Wire and Plate Scissors



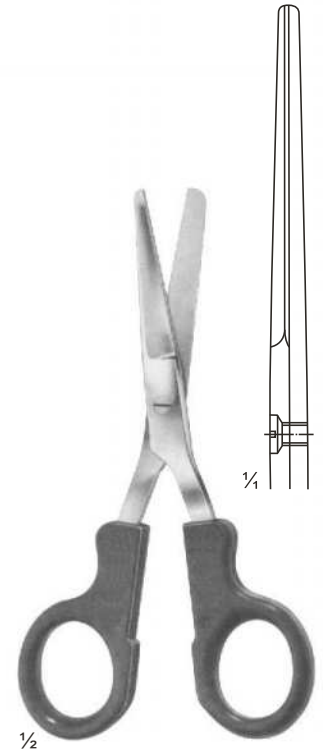
Bandage and Cloth Scissors



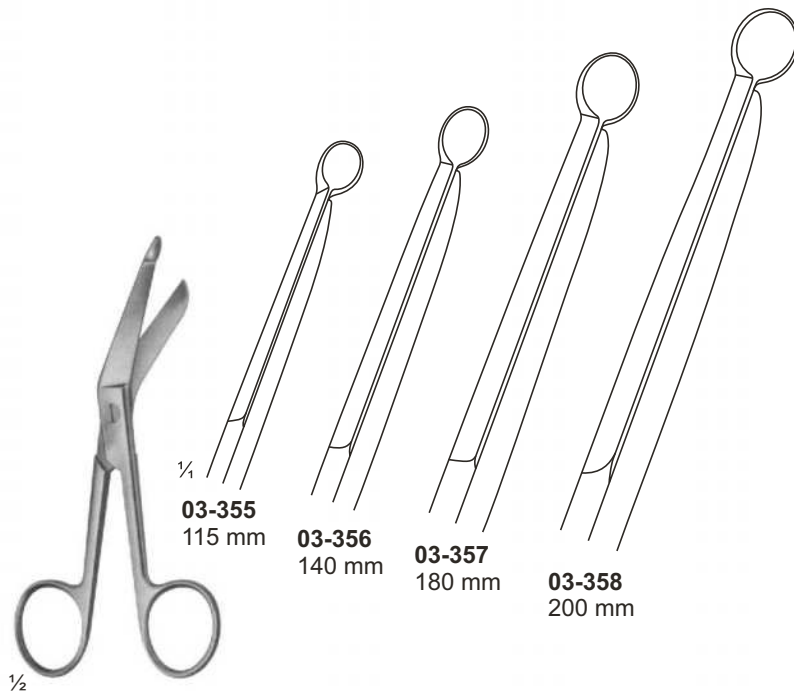
03-352
UNIVERSAL AND BANDAGE SCISSORS
180 mm



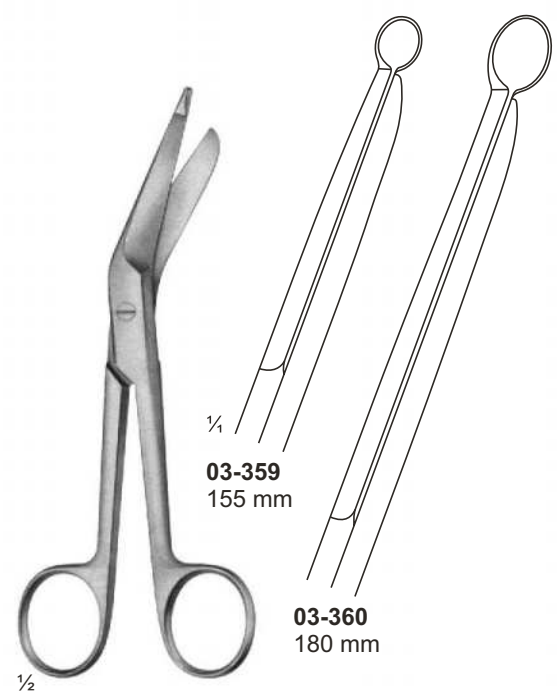
03-353
LISTER
Size: 145 mm



03-354
LISTER
Size: 145 mm



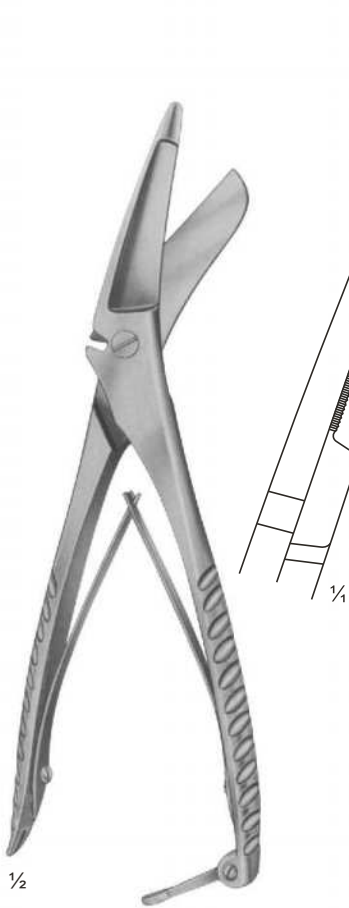
03-355 - 358
LISTER



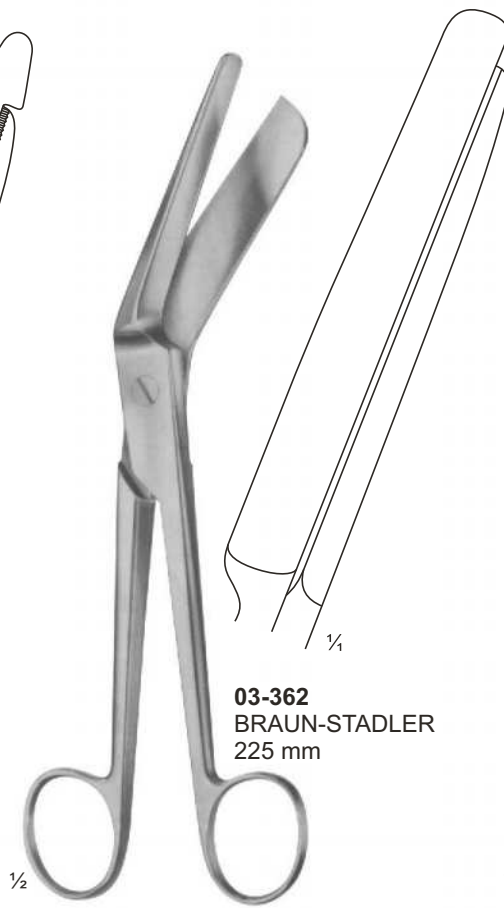
03-359 - 360
LISTER



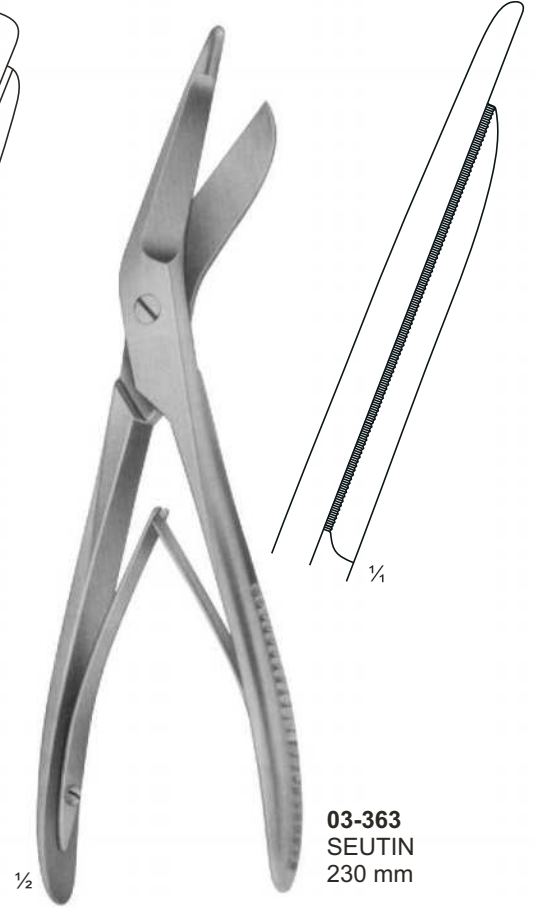
Bandage, Cloth and Plaster Scissors



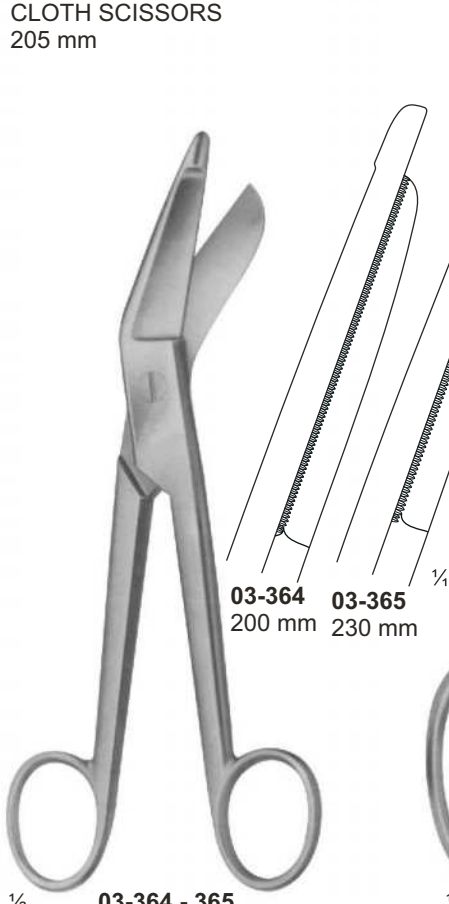
03-361
CLOTH SCISSORS
205 mm



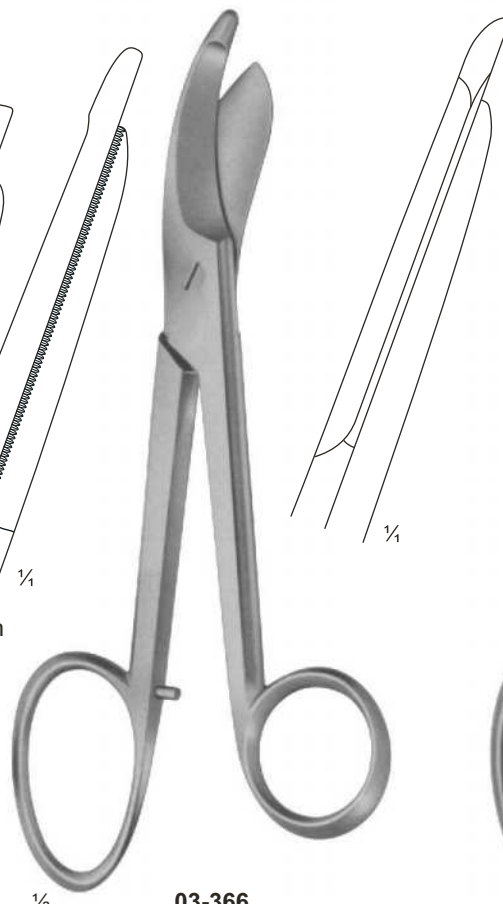
03-362
BRAUN-STADLER
225 mm



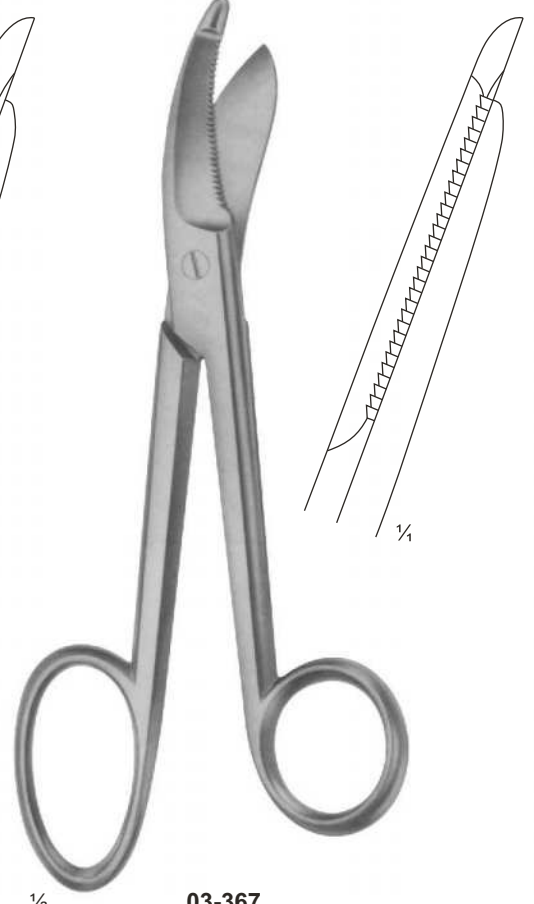
03-363
SEUTIN
230 mm



03-364 - 365
ESMARCH

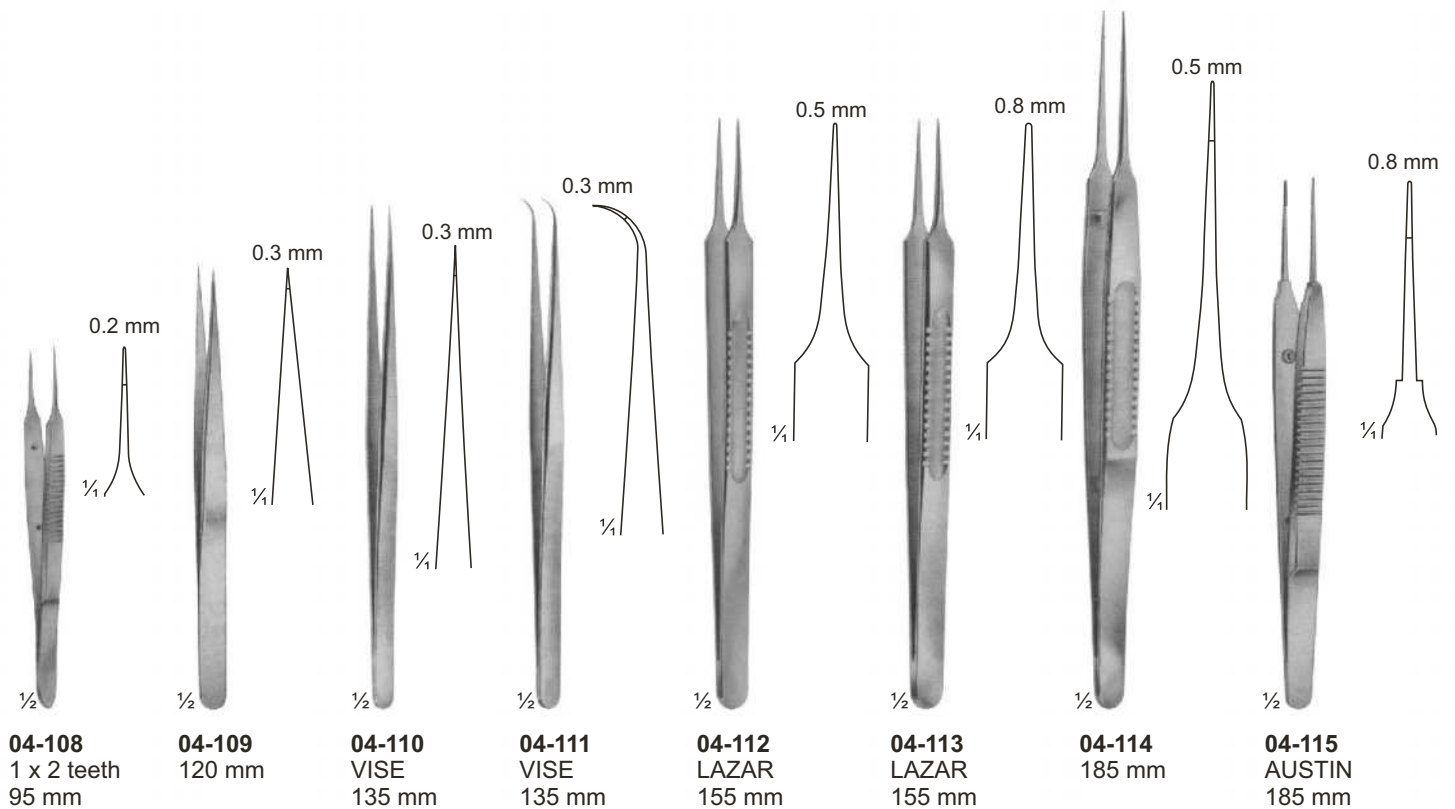
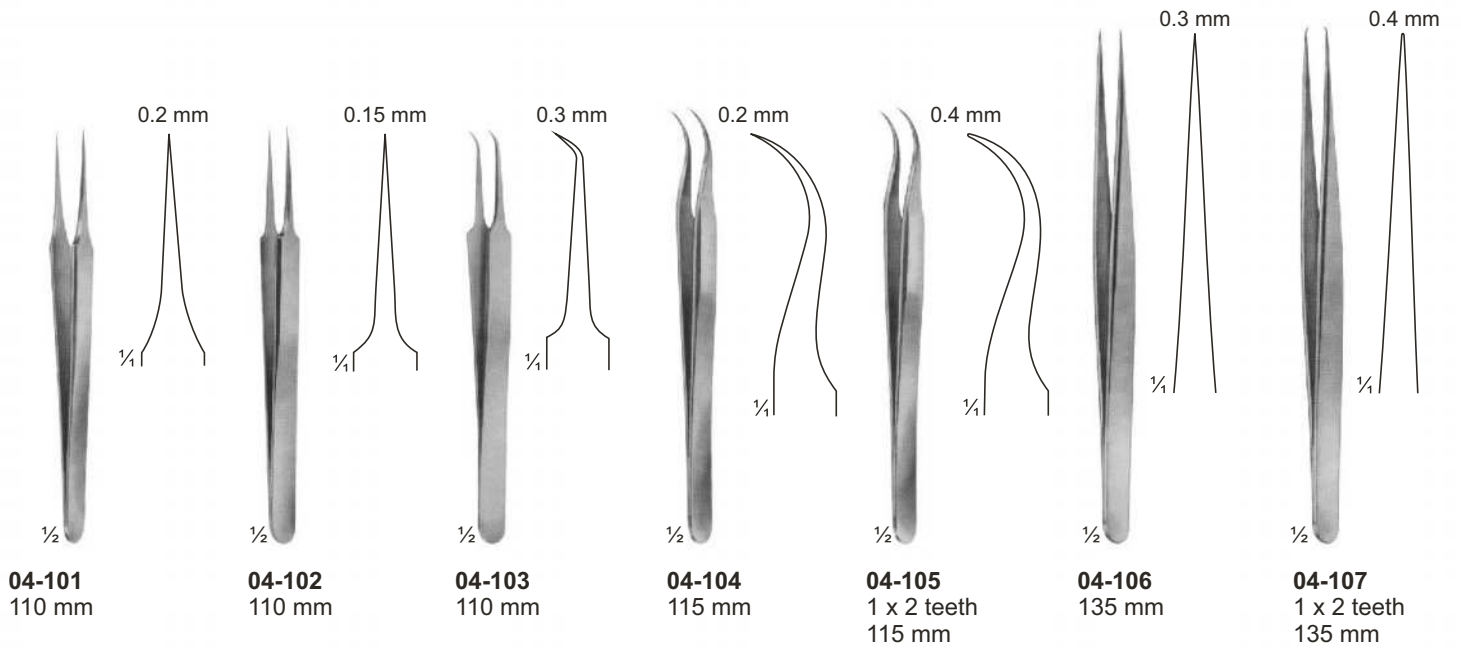


03-366
BRUNS
235 mm

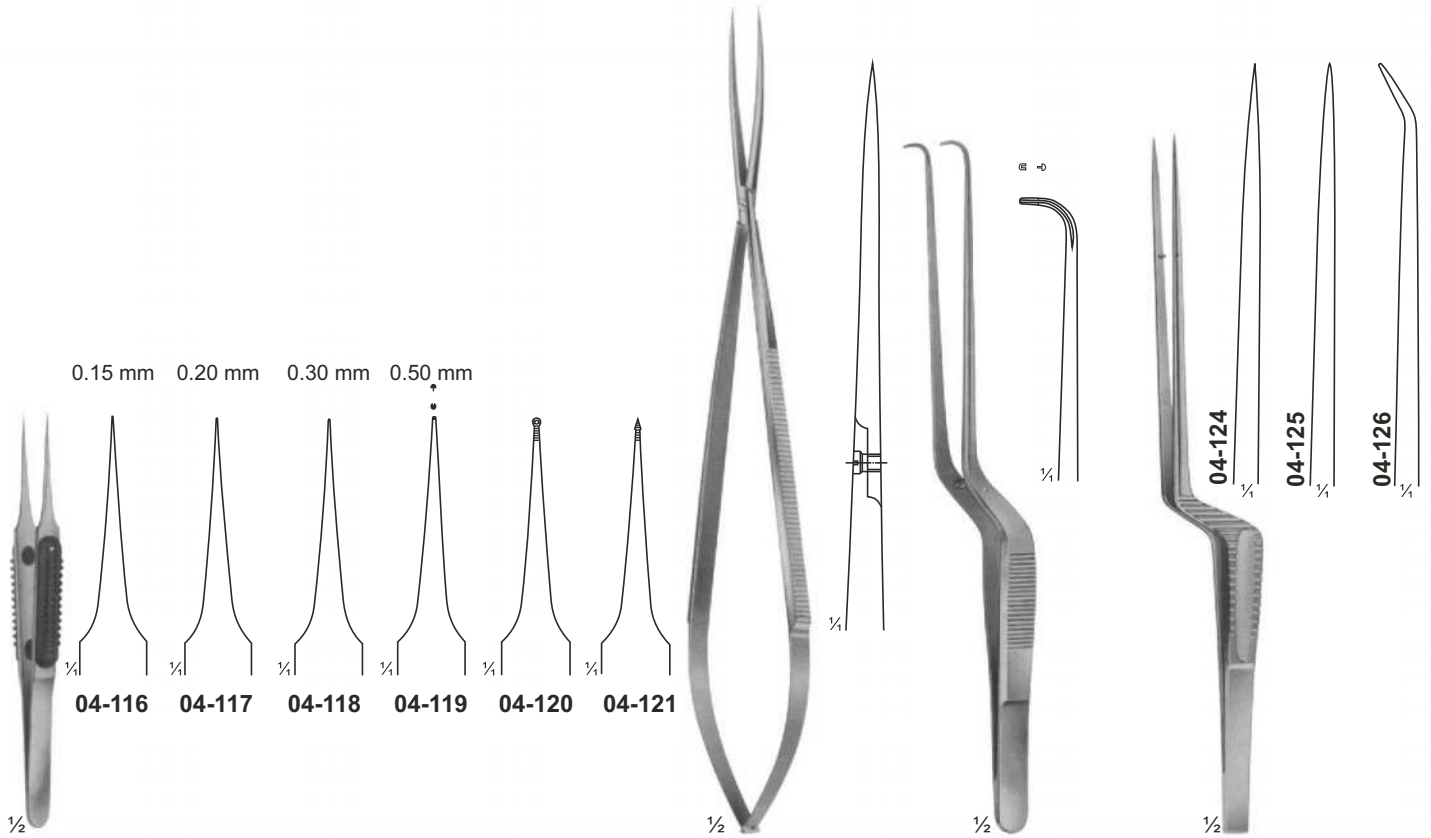


03-367
BRUNS
235 mm

Micro Forceps, Jeweler Types



Ligature Forceps, Micro Forceps (Light Patterns)

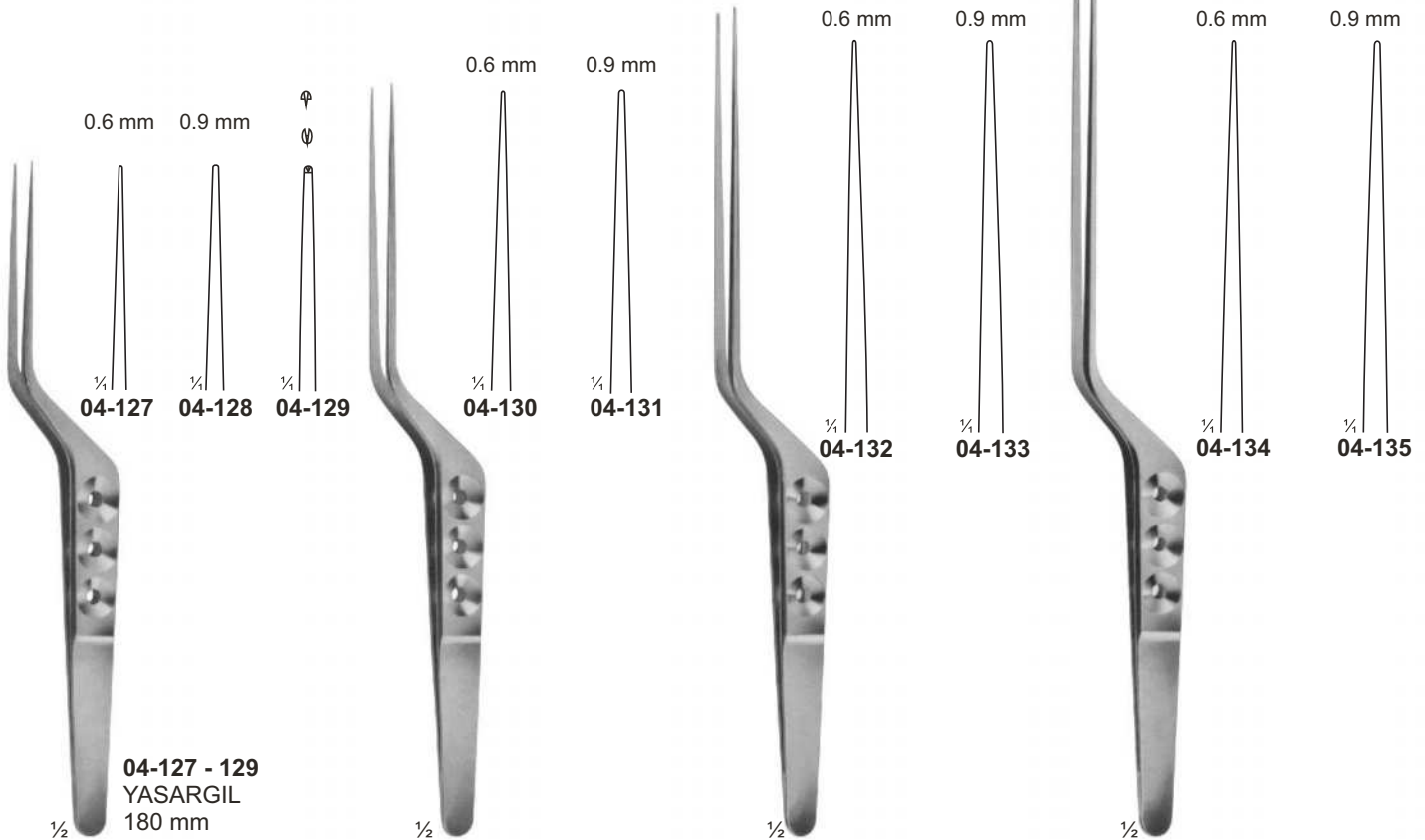


04-116 - 121
MULLER
110 mm

04-122
LIGATURE FORCEPS
220 mm

04-123
YASARGIL
185 mm

04-124 - 126
MICRO FORCEPS
185 mm



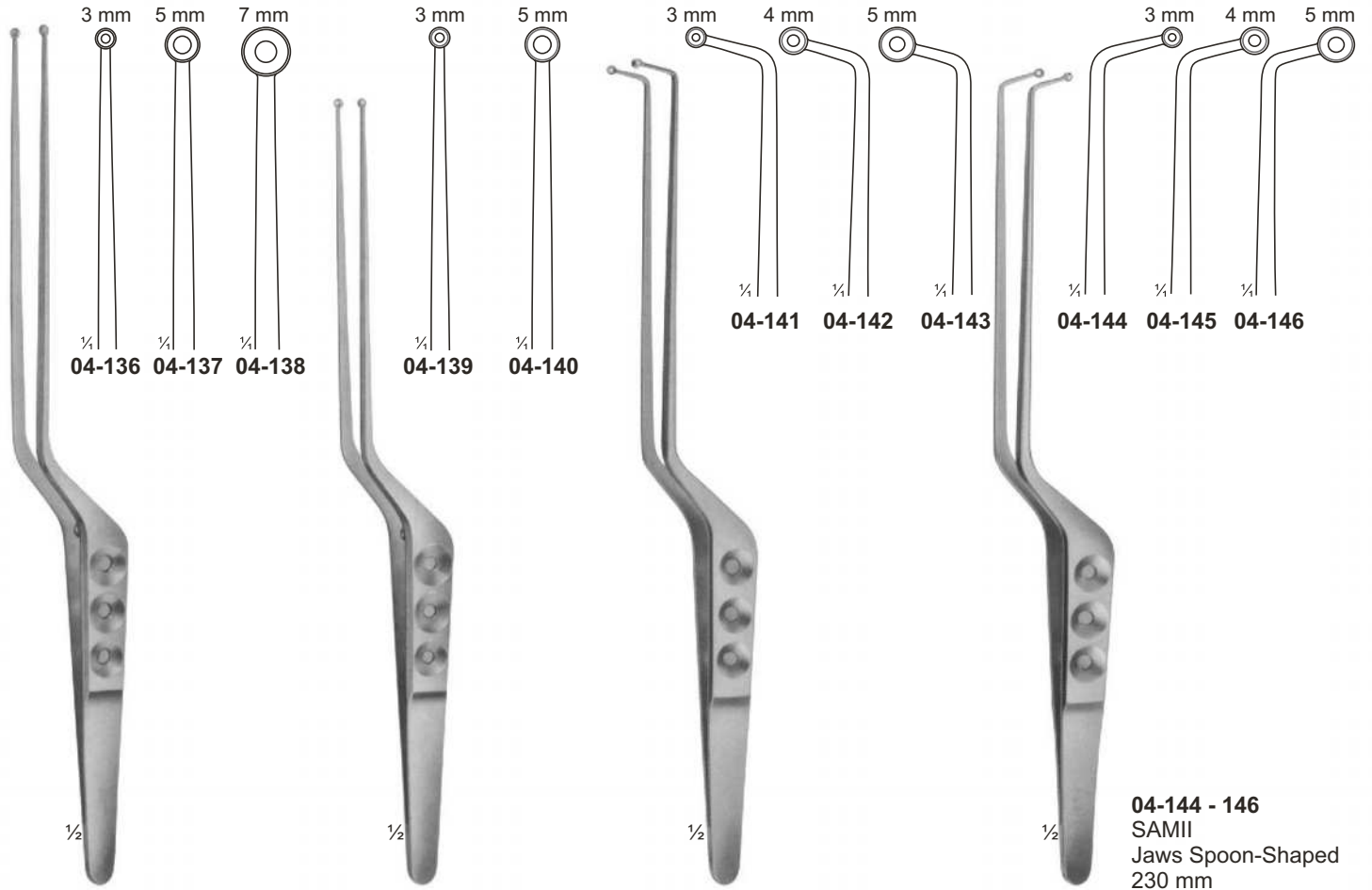
04-127 - 129
YASARGIL
180 mm

04-130 - 131
YASARGIL
200 mm

04-132 - 133
YASARGIL
220 mm

04-134 - 135
YASARGIL
240 mm

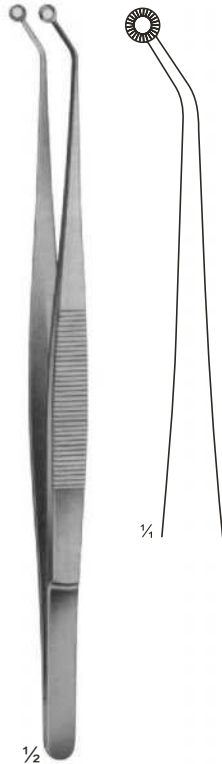
Forceps for Grasping Tissue, Tumors



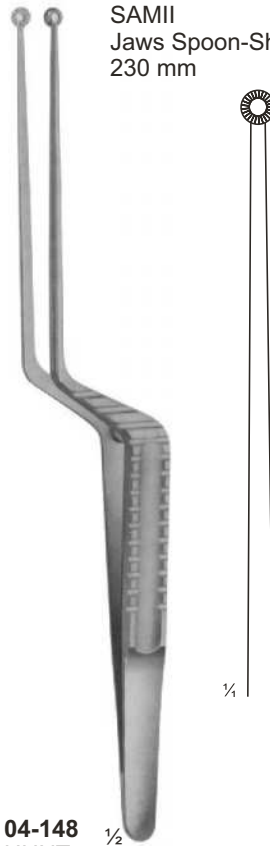
04-136 - 138
 YASARGIL-SAMI
 Jaws Spoon-Shaped
 240 mm

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

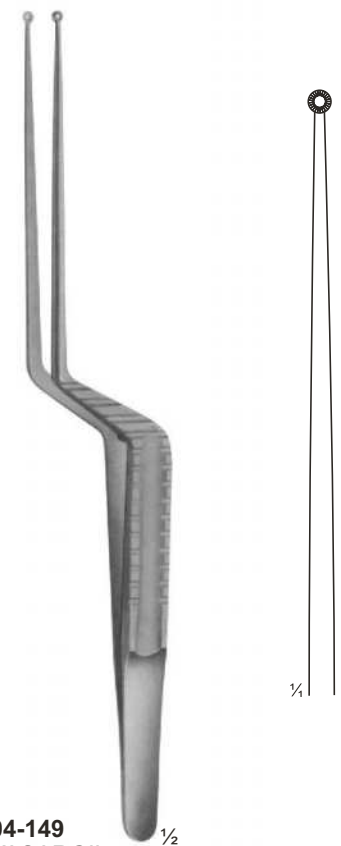
04-141 - 143
 SAMII
 Jaws Spoon-Shaped
 230 mm



04-147
 HUNT $\frac{1}{2}$
 Tumor-and Vessel Forceps
 200 mm

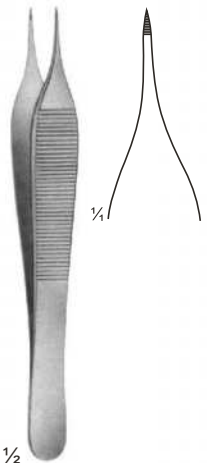


04-148
 HUNT $\frac{1}{2}$
 Tumor-and Vessel Forceps
 200 mm

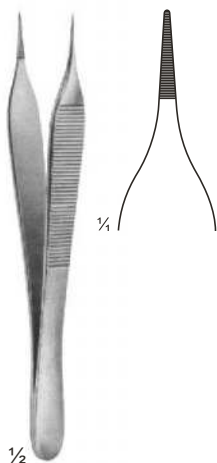


04-149
 YASARGIL $\frac{1}{2}$
 Tumor-and Vessel Forceps
 200 mm

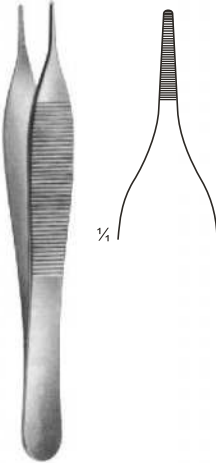
Delicate Dissecting, Microscopic, Sterilizing Forceps



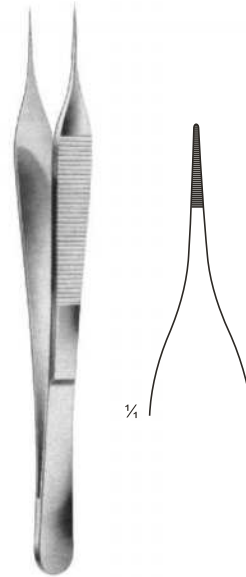
04-150
THORPE
Corneal Forceps
120 mm



04-151
MICRO-ADSON
120 mm



04-152
ADSON
120 mm



04-153
MICRO-ADSON
150 mm



04-154

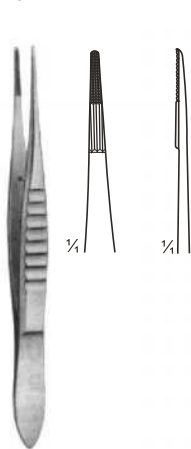


04-155

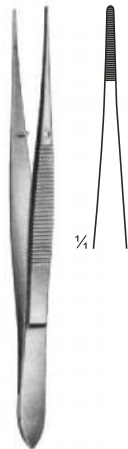


04-156

04-154 - 156
100 mm



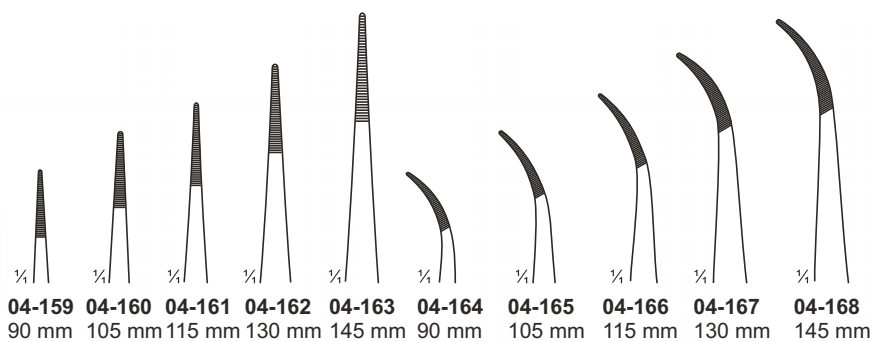
04-157
110 mm



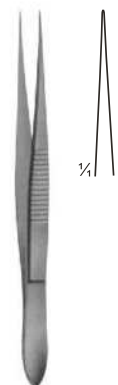
04-158
115 mm



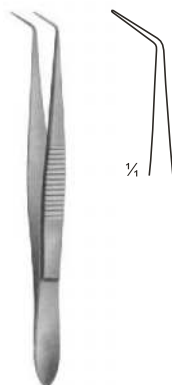
04-159 - 168



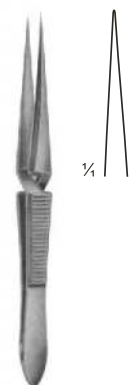
04-159 90 mm **04-160** 105 mm **04-161** 115 mm **04-162** 130 mm **04-163** 145 mm **04-164** 90 mm **04-165** 105 mm **04-166** 115 mm **04-167** 130 mm **04-168** 145 mm



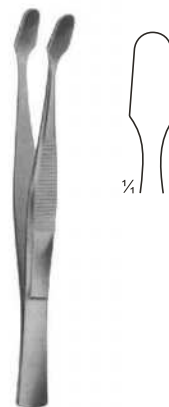
04-169
0 mm



04-170
100 mm



04-171
100 mm

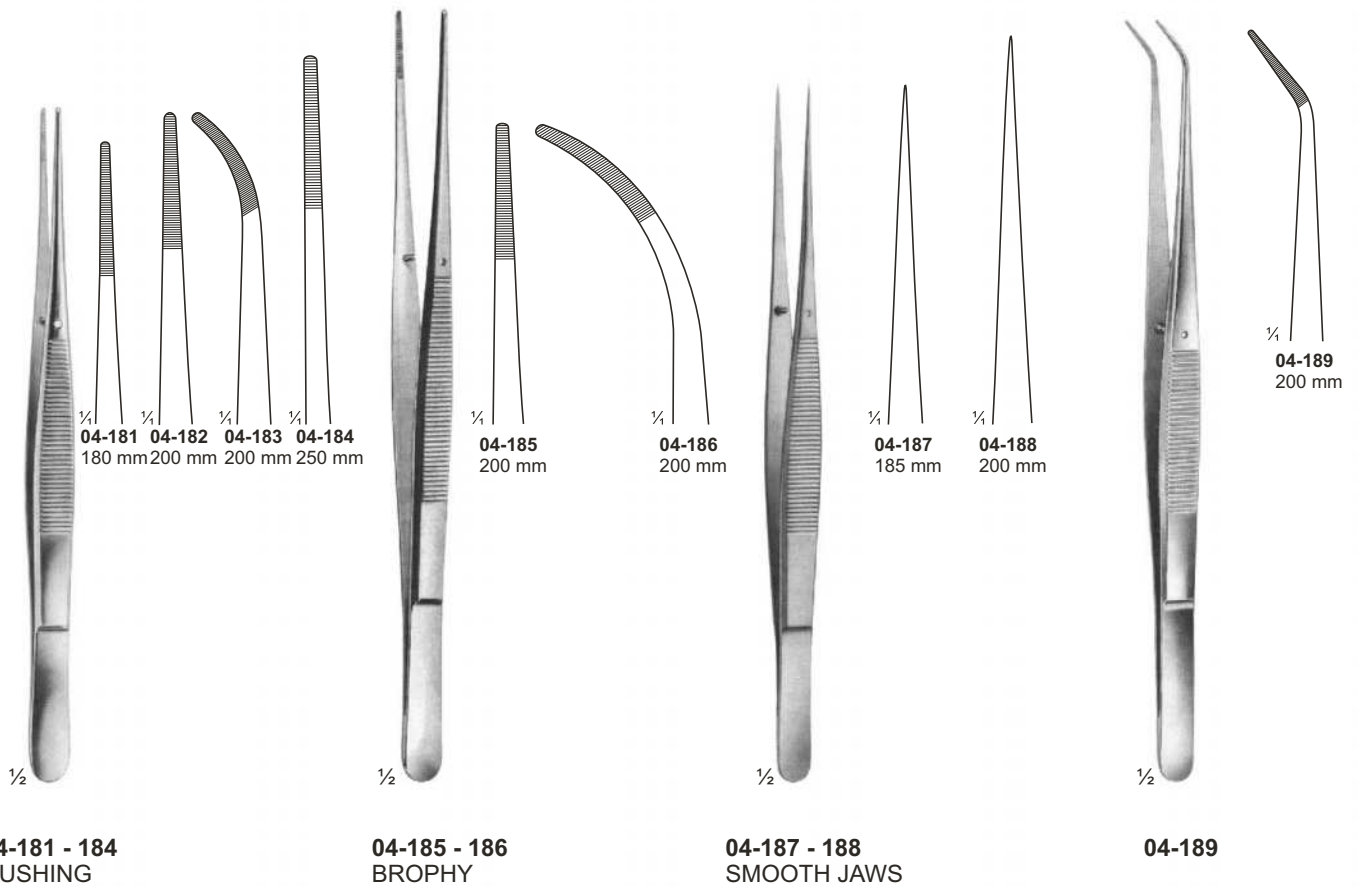
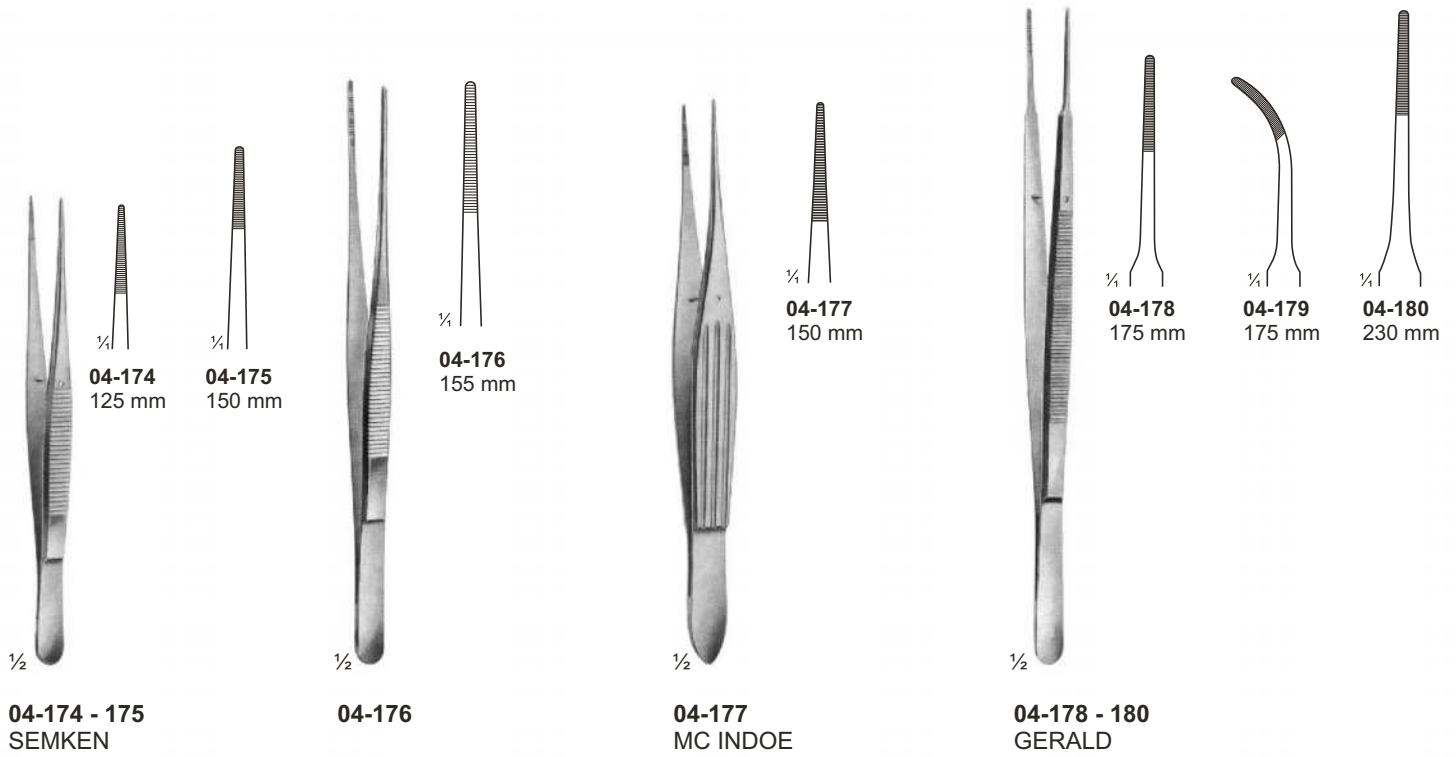


04-172
COVER GLASS FORCEPS
105 mm



04-173
160 mm

Delicate Dissecting Forceps

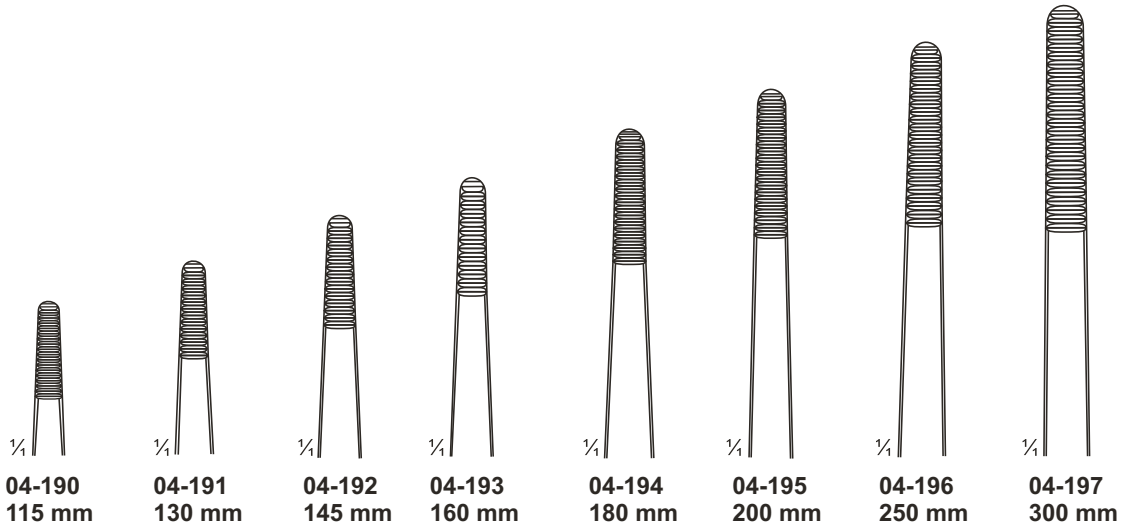


Dissecting Forceps



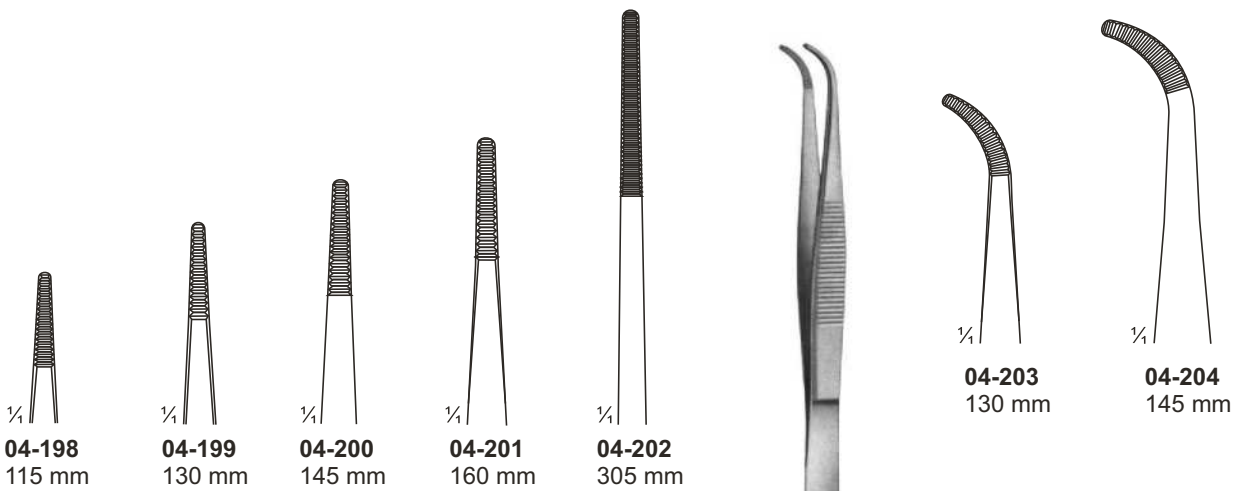
1/2

04-190 - 197
STANDARD



1/2

04-198 - 202
MEDIUM



1/2

04-203 - 204
MEDIUM

Dissecting Forceps



04-205 - 206



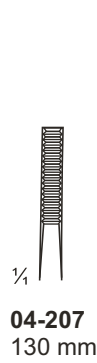
04-205
125 mm



04-206
155 mm



04-207 - 210



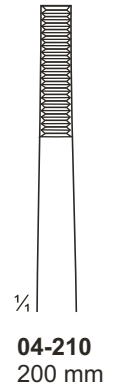
04-207
130 mm



04-208
150 mm



04-209
170 mm



04-210
200 mm



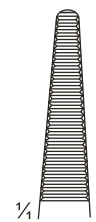
04-211
OCHSNER



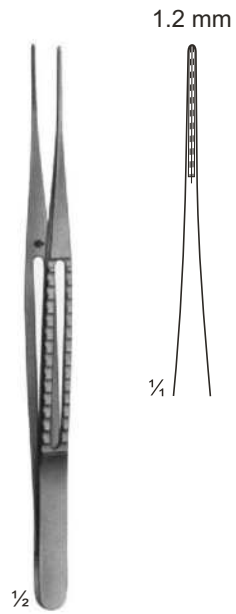
04-212
FRICKE



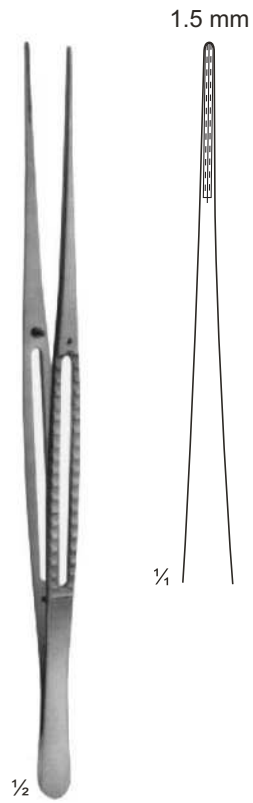
04-213
BONNEY



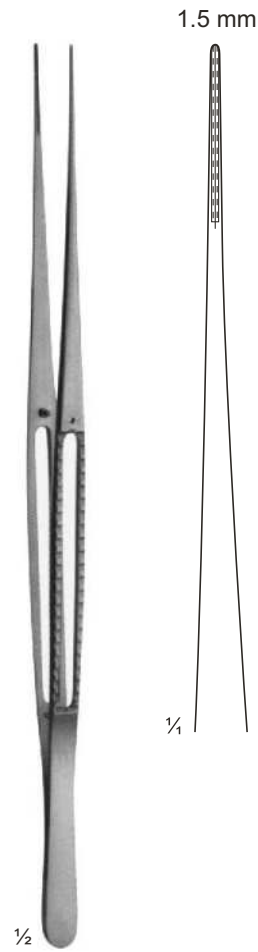
Ultra-Light Forceps



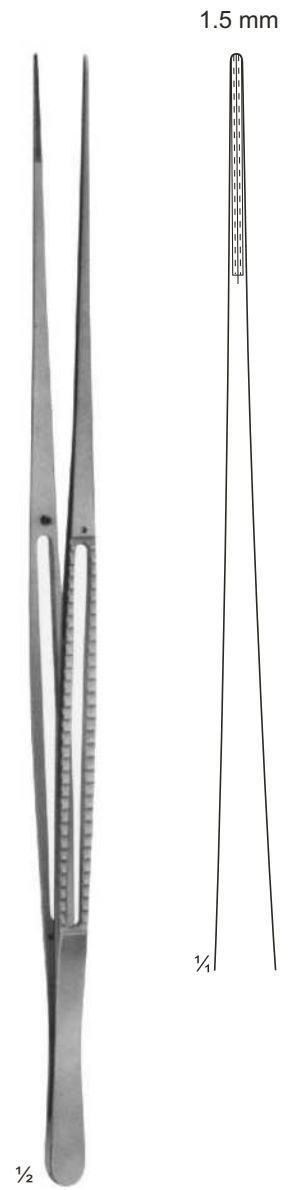
04-214
150 mm



04-215
200 mm

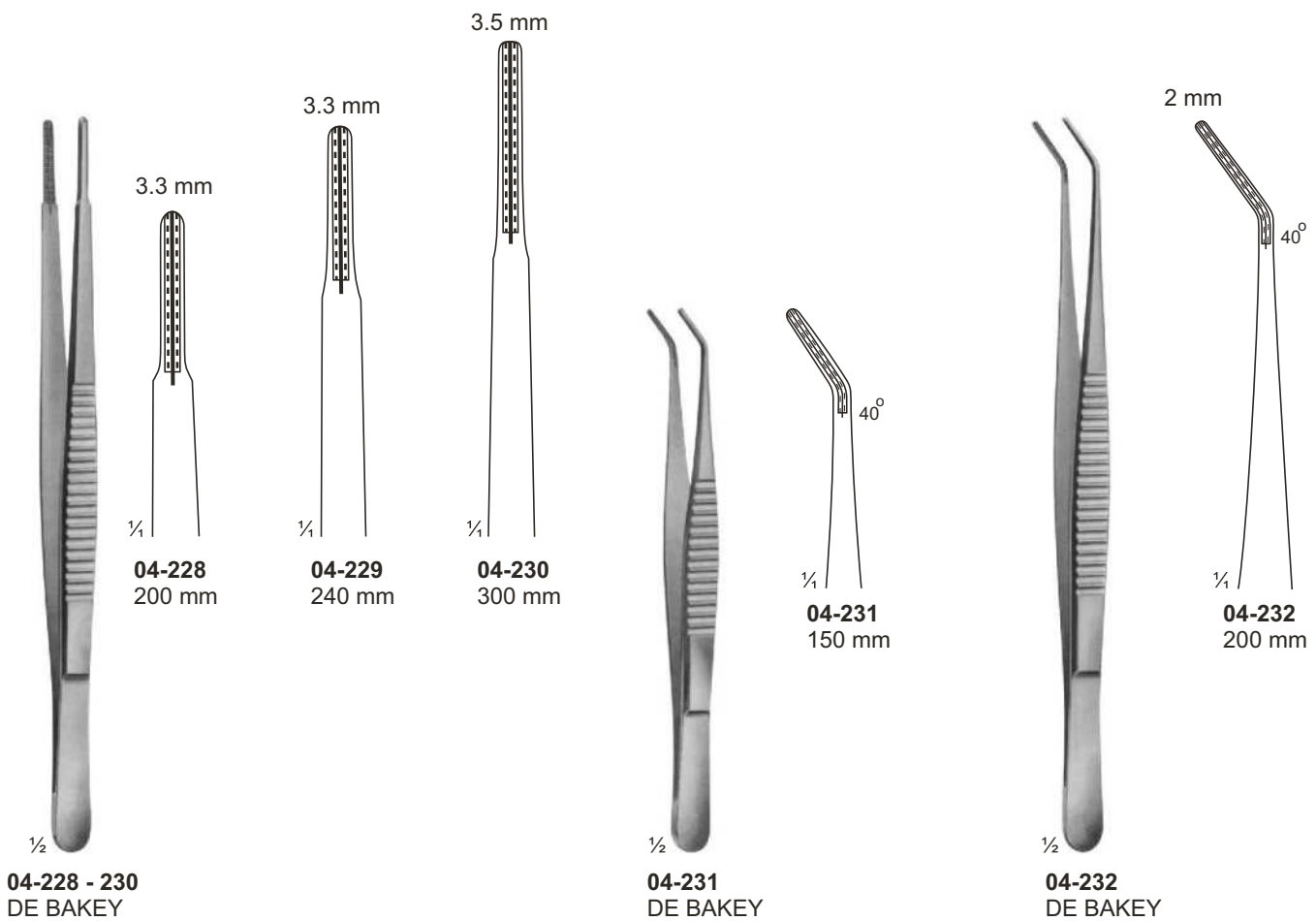
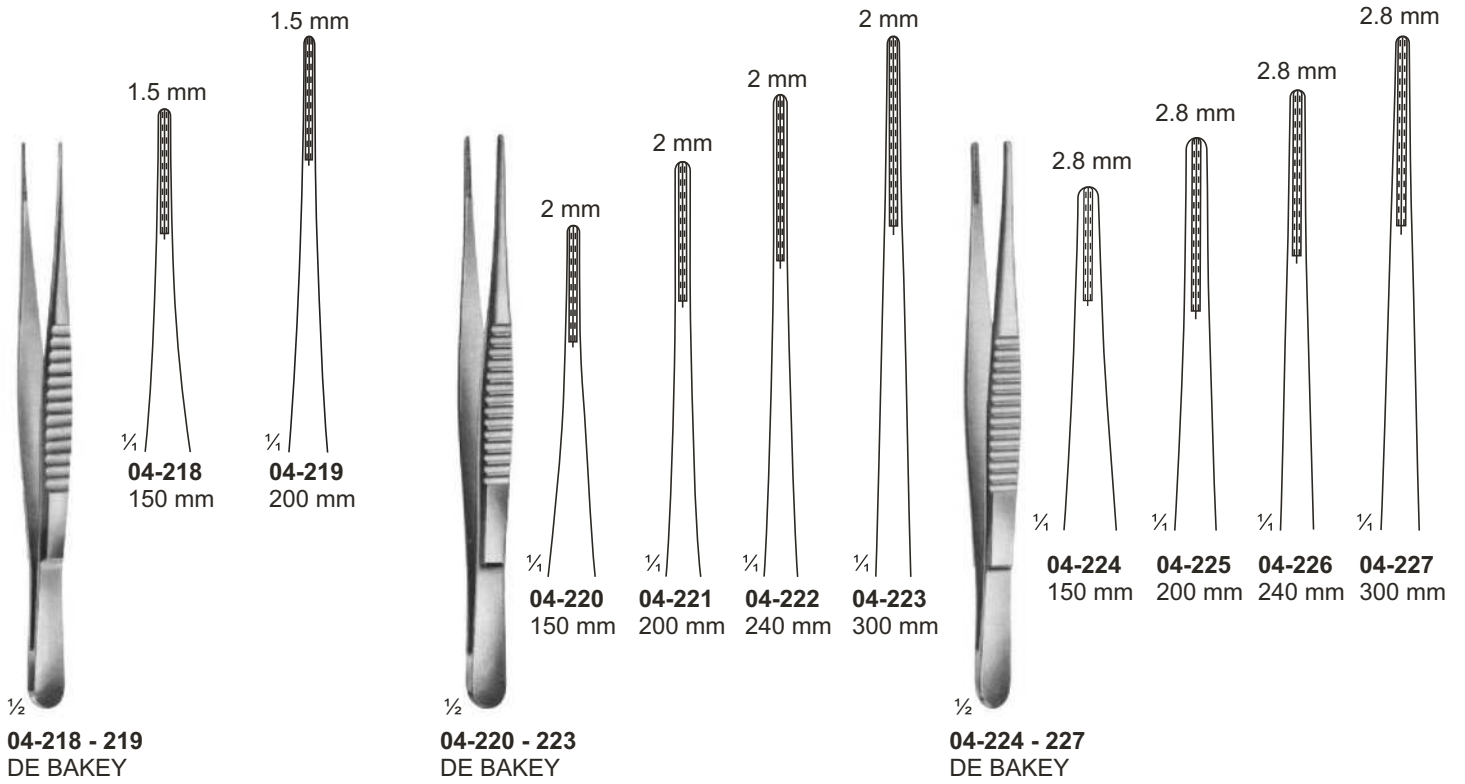


04-216
240 mm

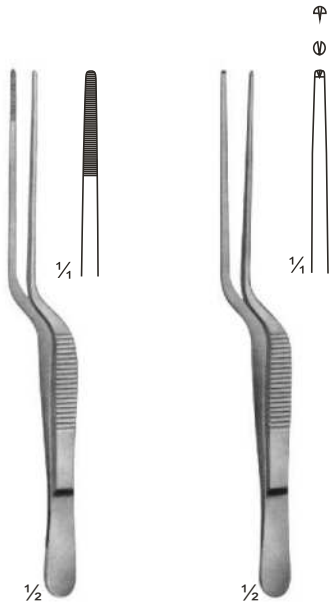


04-217
300 mm

Forceps

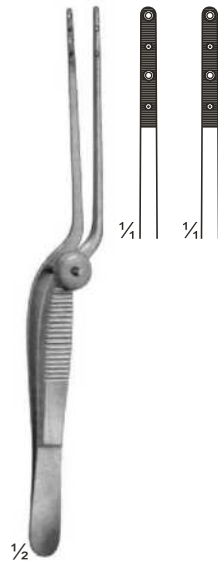


Forceps, Bayonet - Shaped

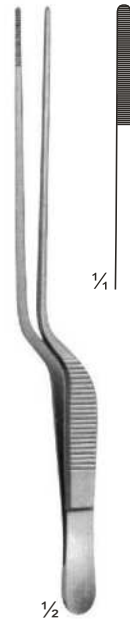


04-233
LUCAE
140 mm

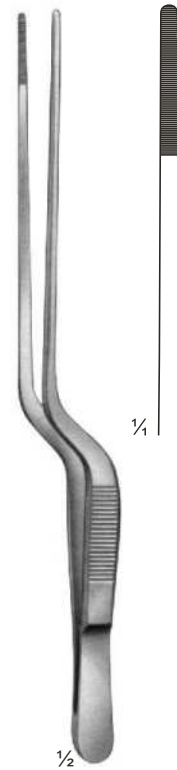
04-234
LUCAE
1x2 teeth
140 mm



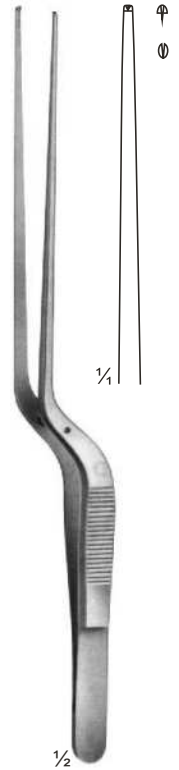
04-235
COTTLE
Forceps with
jaws toothed
and serrated
140 mm



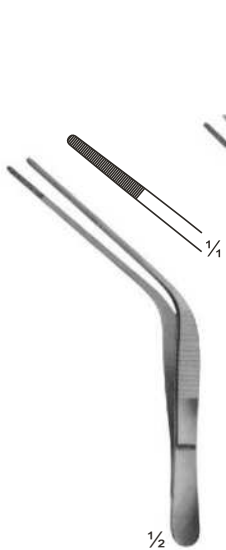
04-236
JANSEN
160 mm



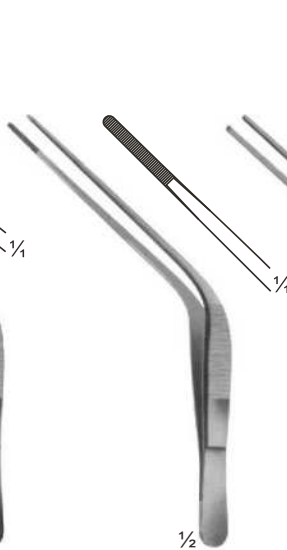
04-237
GRUENWALD
200 mm



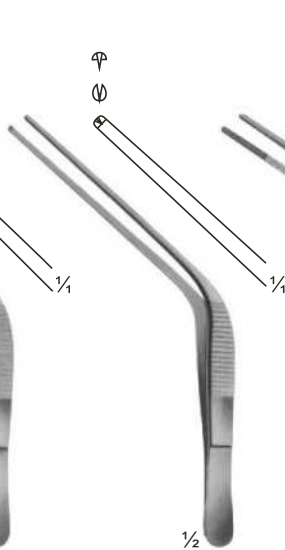
04-238
1x2 teeth
200 mm



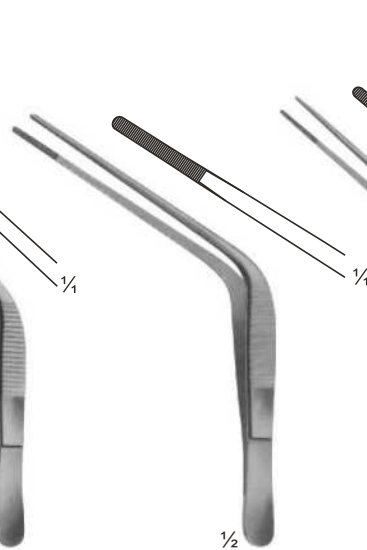
04-239
TROELTSCH
100 mm



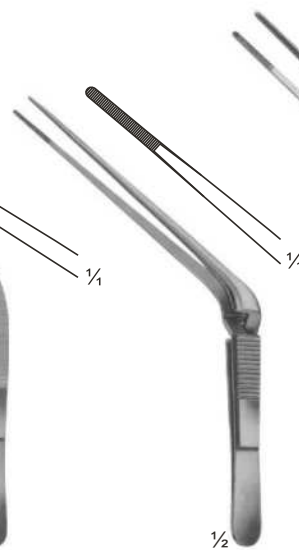
04-240
TROELTSCH
115 mm



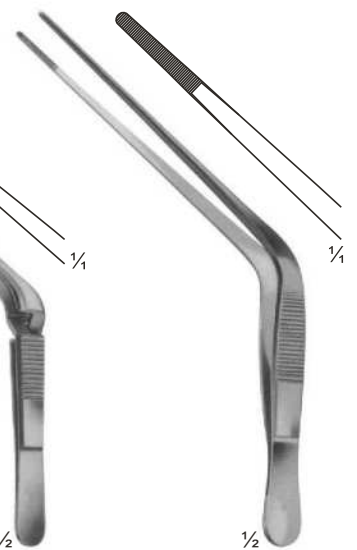
04-241
TROELTSCH
1X2 teeth
115 mm



04-242
WILDE
115 mm

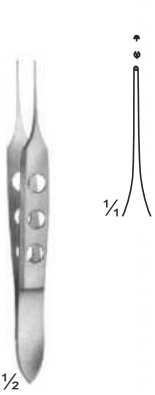


04-243
TROELTSCH
Cross action
120 mm

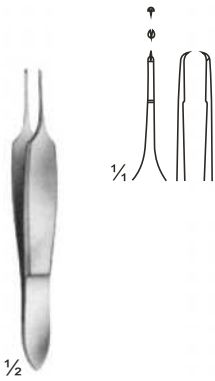


04-244
TROELTSCH
140 mm

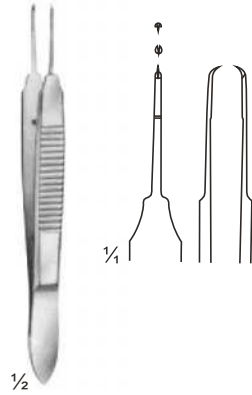
Delicate Tissue Forceps



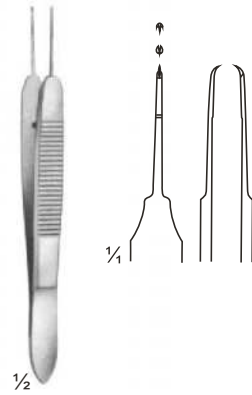
04-245
BISHOP-HARMON
85 mm



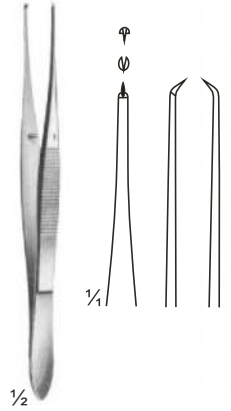
04-246
ST. MARTIN
80 mm



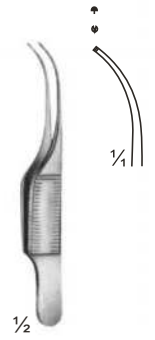
04-247
CASTROVIEJO
teeth 0.9 mm
100 mm



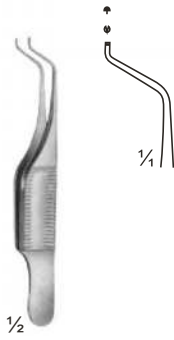
04-248
CASTROVIEJO
teeth 0.5 mm
100 mm



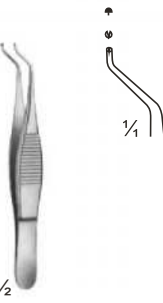
04-249
ELSCHING
110 mm



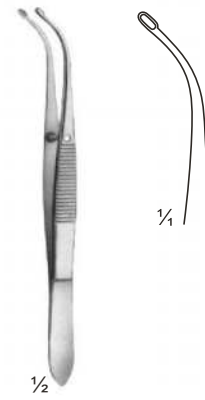
04-250
GILL
75 mm



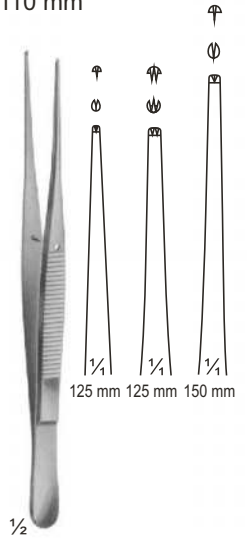
04-251
GILL - HESS
75 mm



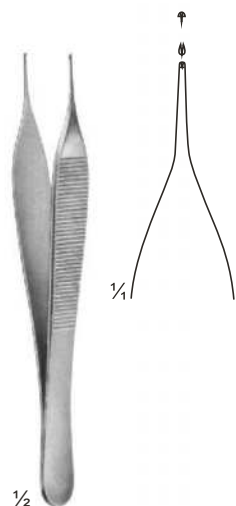
04-252
HESS
70 mm



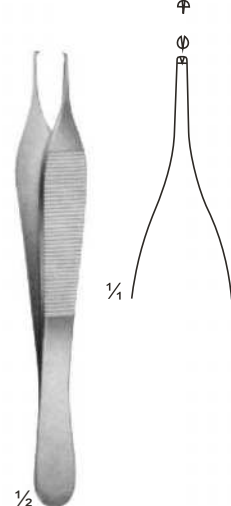
04-253
ARRUGA
100 mm



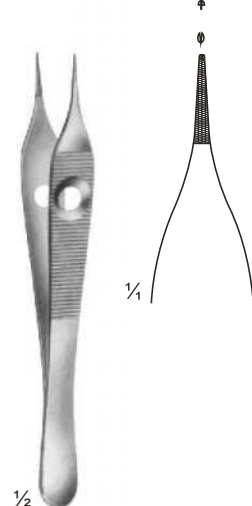
04-254
SEMKEN



04-255
MICRO-ADSON
120 mm



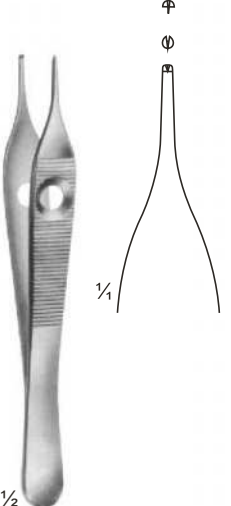
04-256
ADSON
120 mm



04-257
ADSON
120 mm

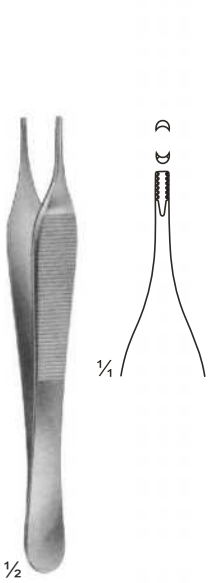


04-258
ADSON
120 mm

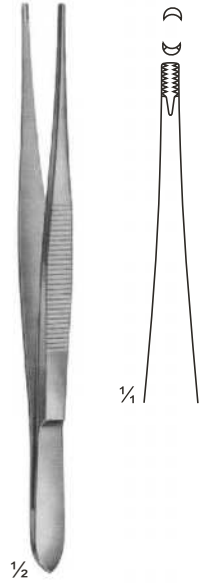


04-259
ADSON
150 mm

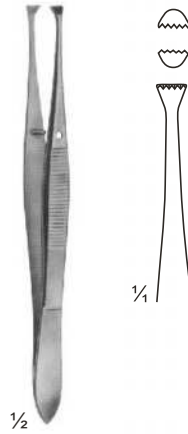
Tissue Forceps



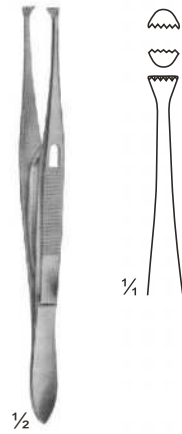
04-260
ADSON - BROWN
Non-traumatic
120 mm



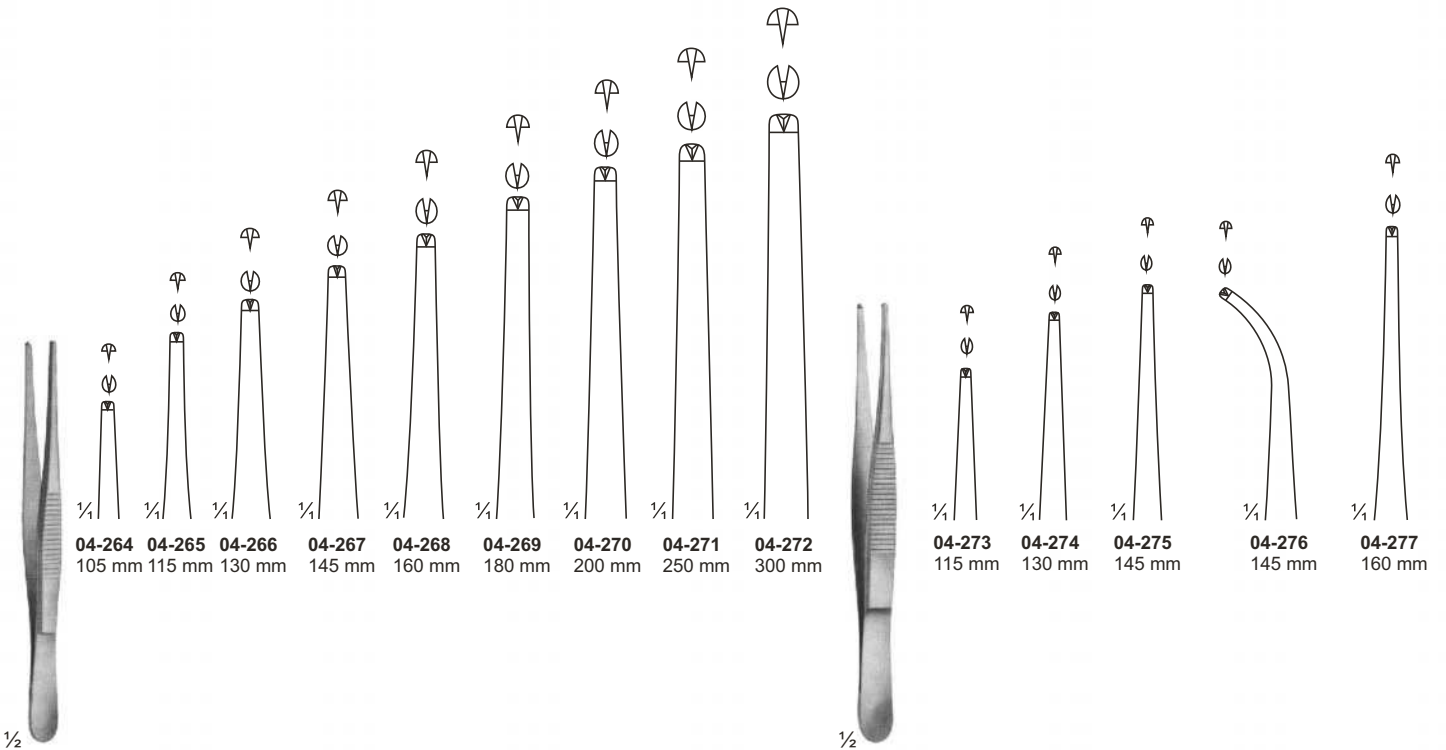
04-261
BROWN
120 mm



04-262
GRAEFE
110 mm



04-263
GRAEFE
With Catch
110 mm



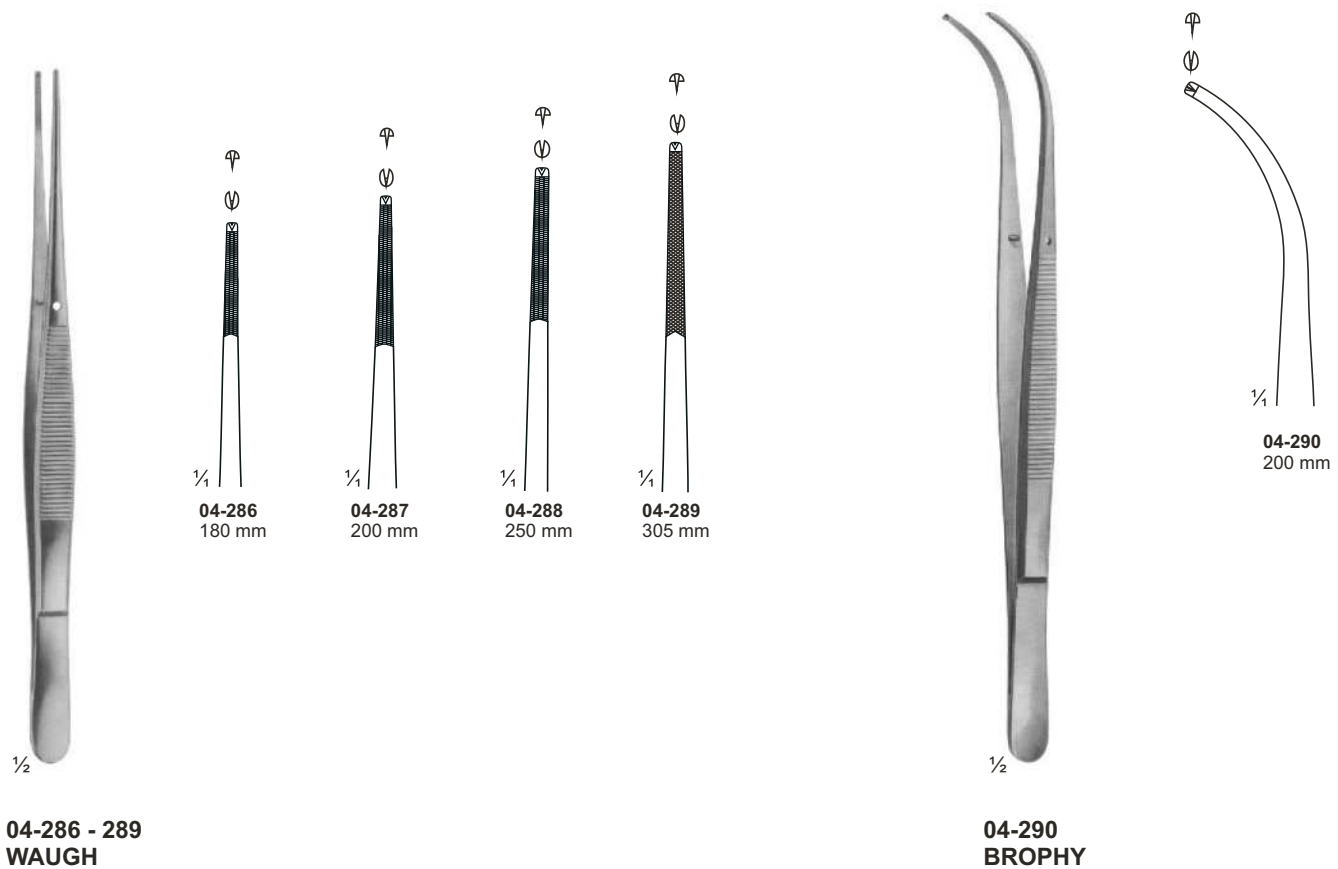
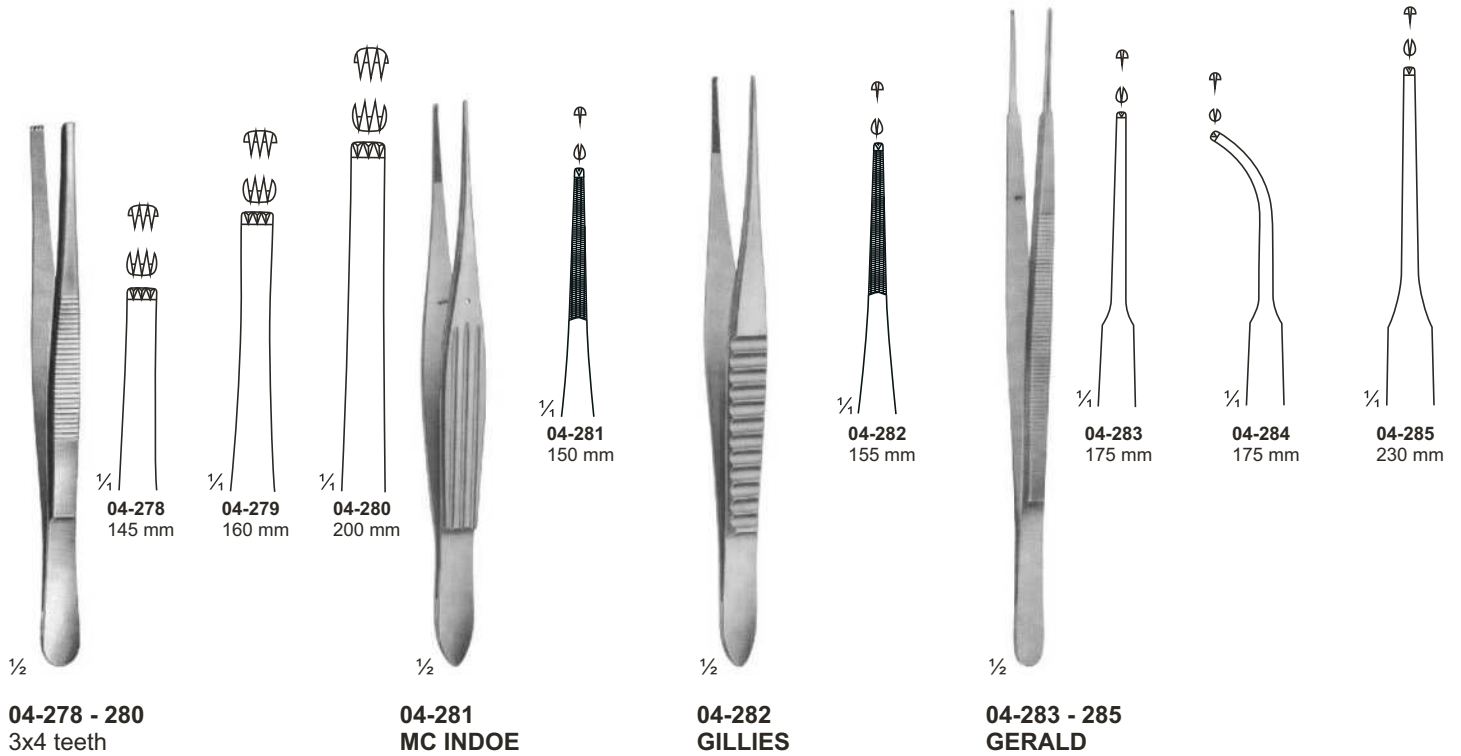
04-264 - 272
STANDARD

04-273 - 277
GRAEFE
110 mm

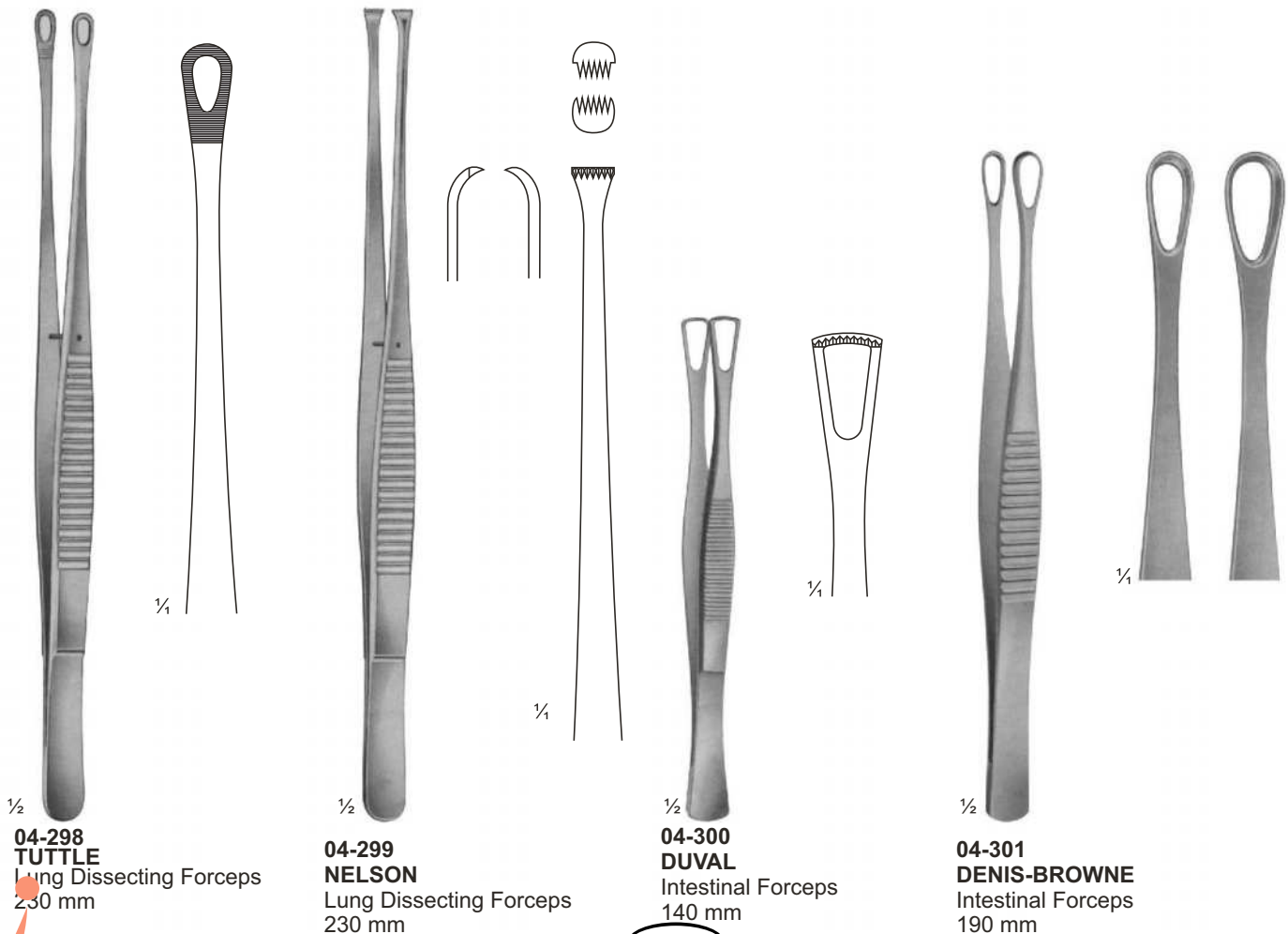
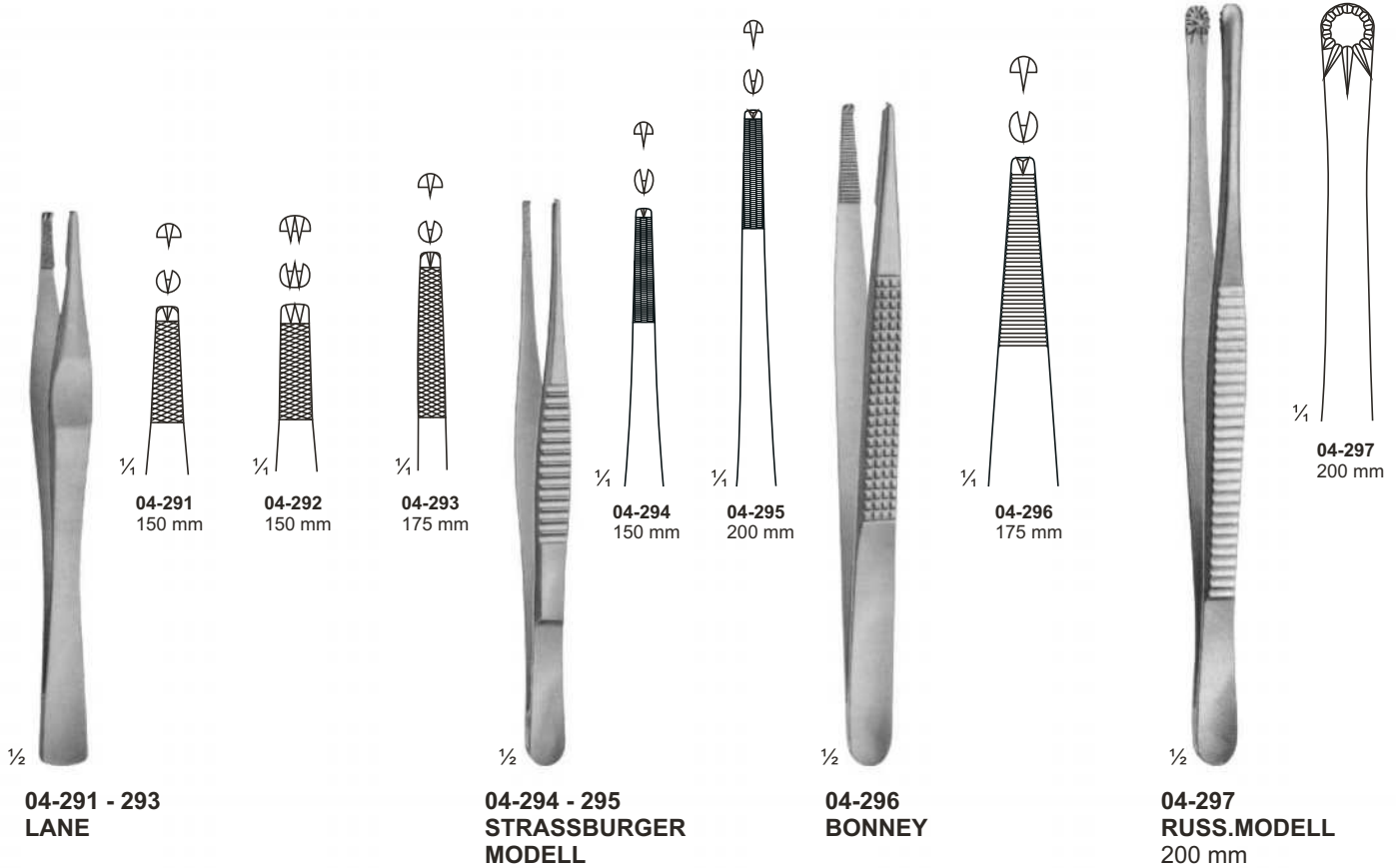
04-264 105 mm 04-265 115 mm 04-266 130 mm 04-267 145 mm 04-268 160 mm 04-269 180 mm 04-270 200 mm 04-271 250 mm 04-272 300 mm

04-273 115 mm 04-274 130 mm 04-275 145 mm 04-276 145 mm 04-277 160 mm

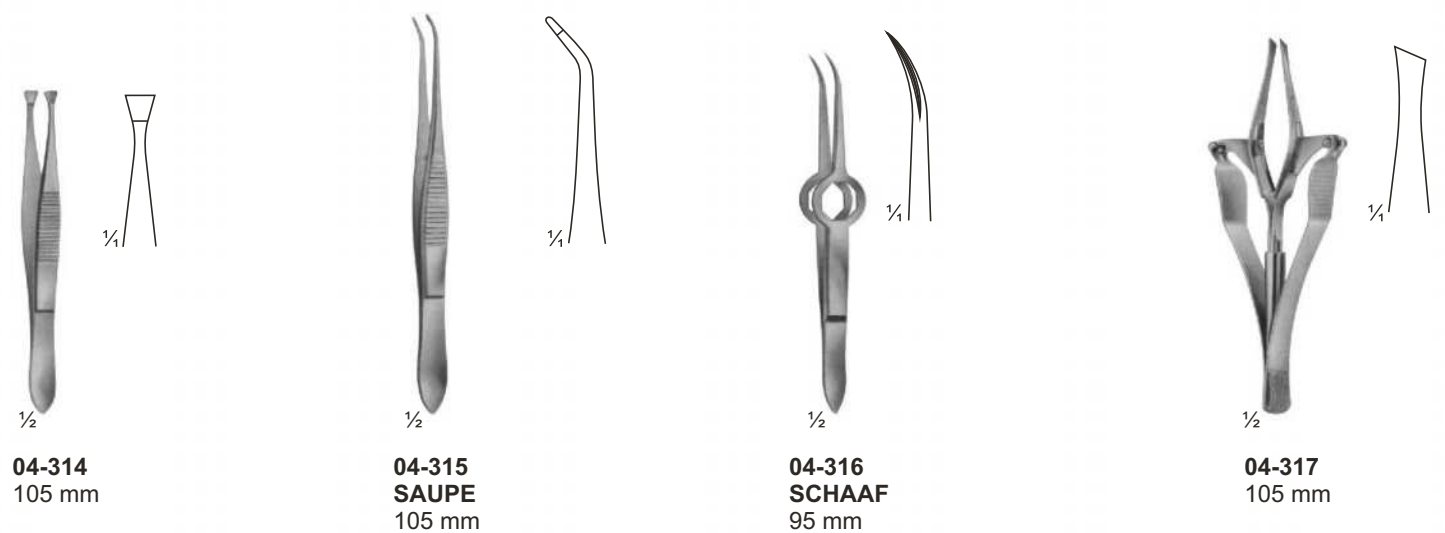
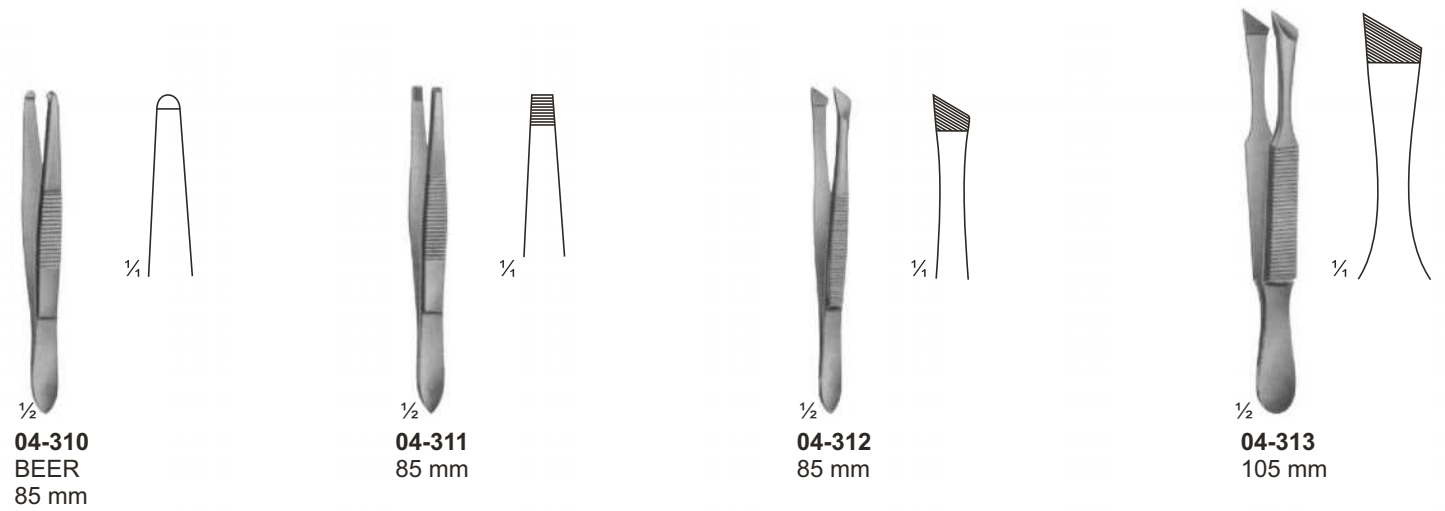
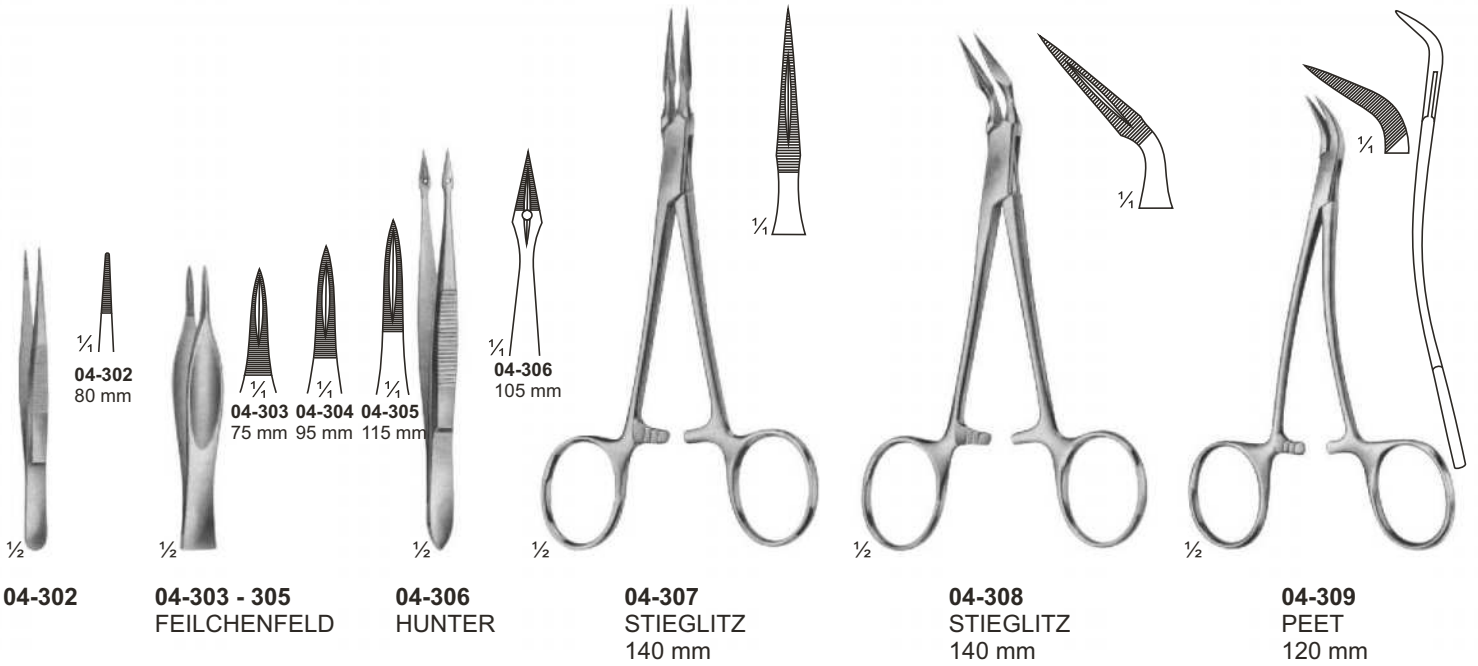
Tissue Forceps



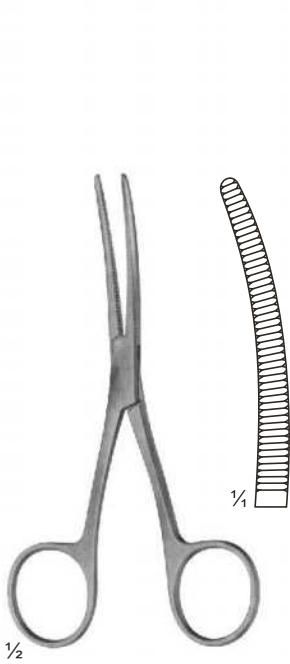
Tissue Forceps, Lung Dissecting Forceps



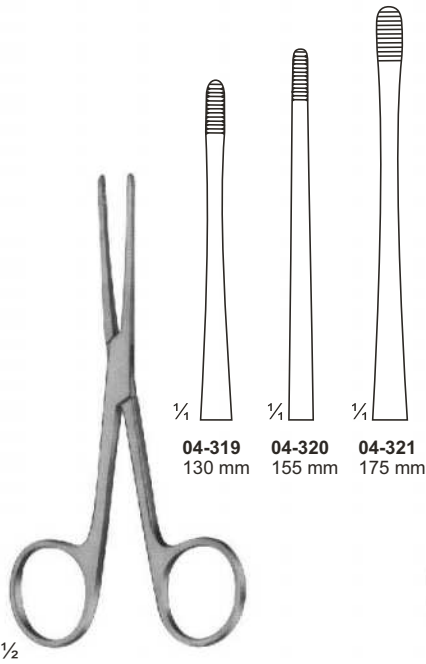
Splinter and Cilia Forceps



Sponge and Dressing Forceps

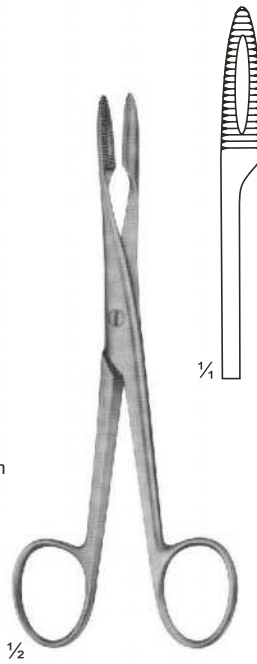


04-318
BRYANT
130 mm

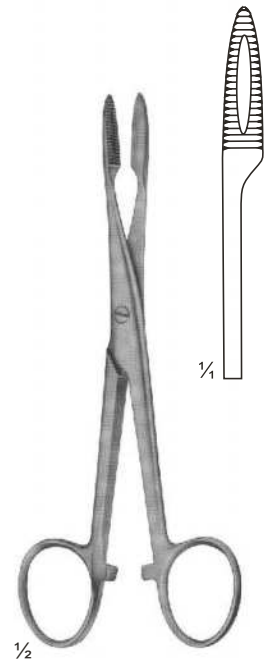


04-319 - 321
LISTER
Sinus Forceps

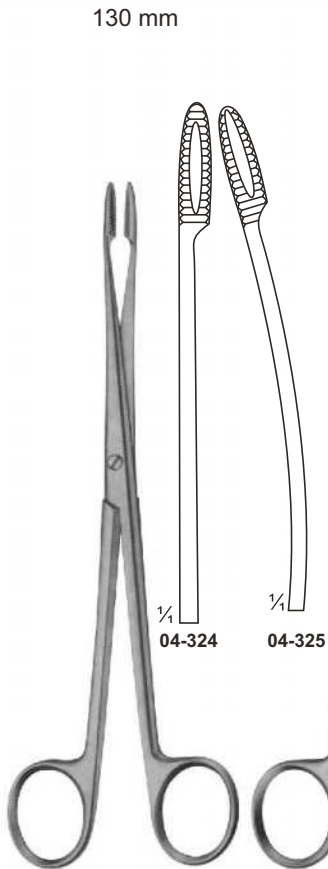
04-319 130 mm
04-320 155 mm
04-321 175 mm



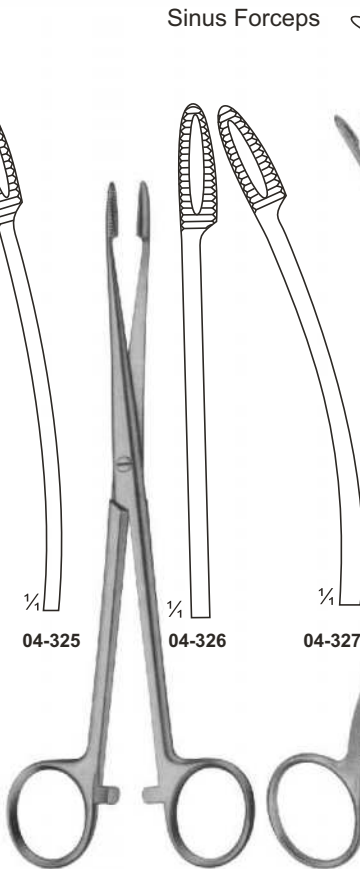
04-322
Without Ratchet
145 mm



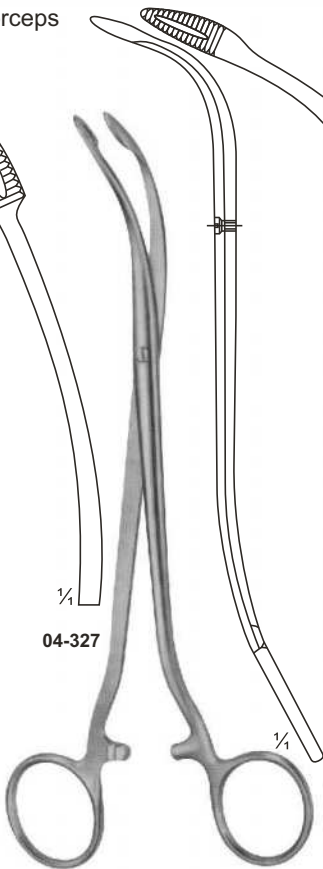
04-323
With Ratchet
145 mm



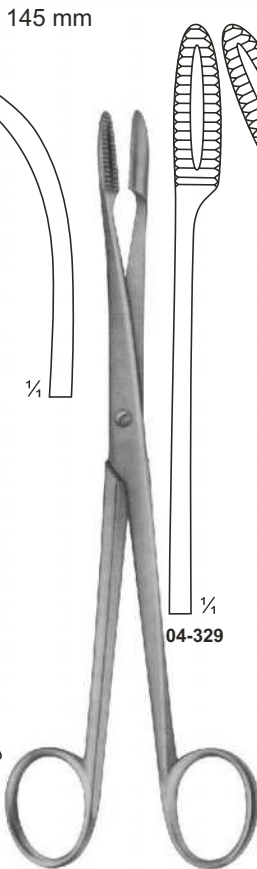
04-324 - 325
GROSS
Without Ratchet
200 mm



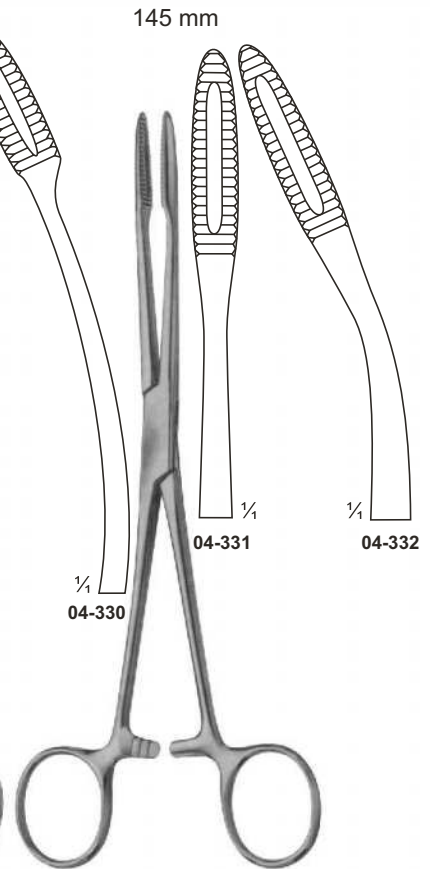
04-326 - 327
GROSS
With Ratchet
180 mm



04-328
DUPLAY
190 mm



04-329 - 330
GROSS
Without Ratchet
200 mm



04-331 - 332
GROSS
With Ratchet
200 mm

Sponge and Dressing Forceps



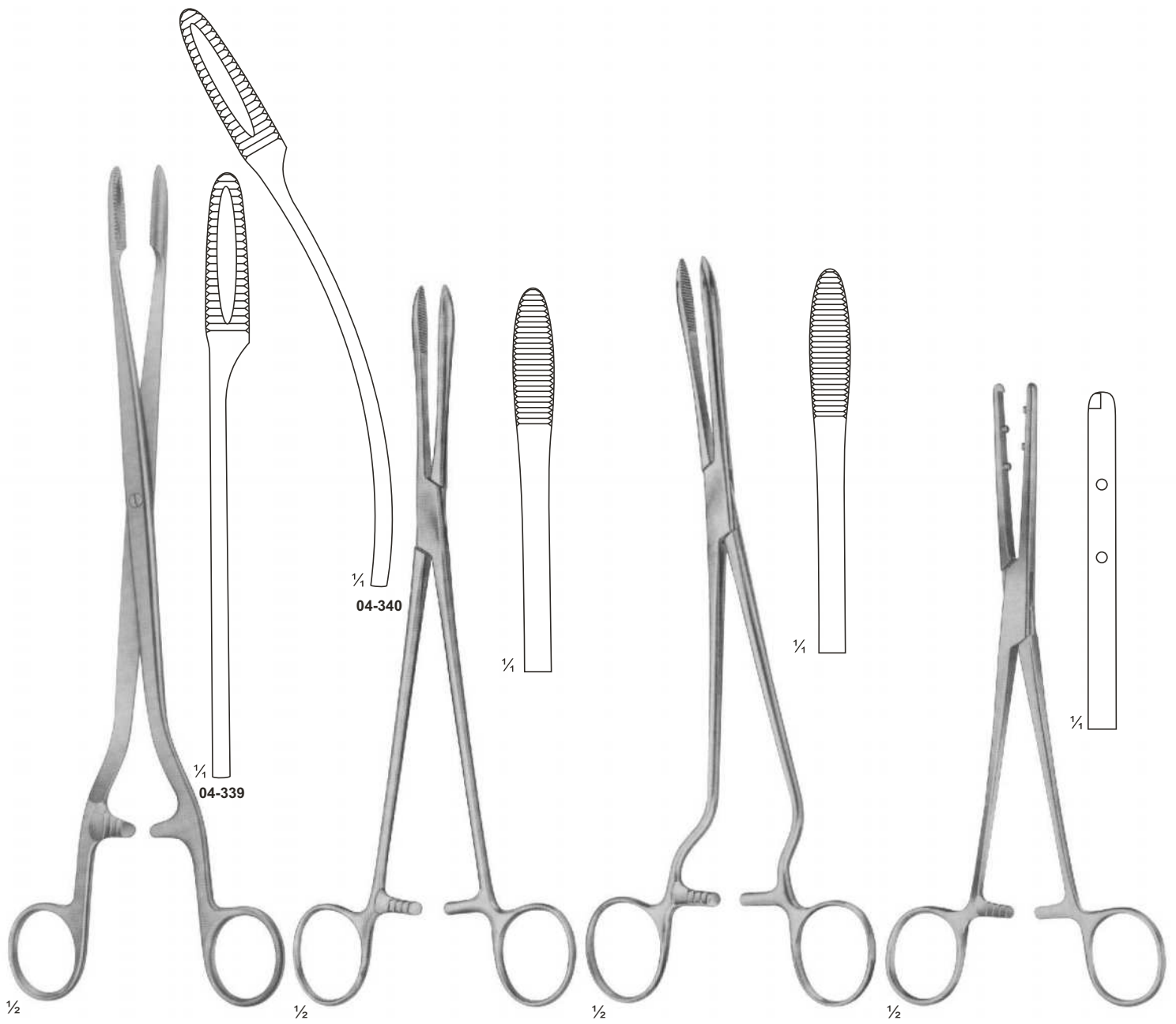
04-333 - 334
AESCULAP
220 mm

04-335 - 336
MAIER
Without Ratchet
265 mm

04-337 - 338
MAIER
With Ratchet
265 mm



Sponge and Dressing Forceps



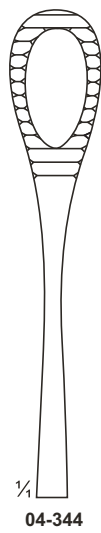
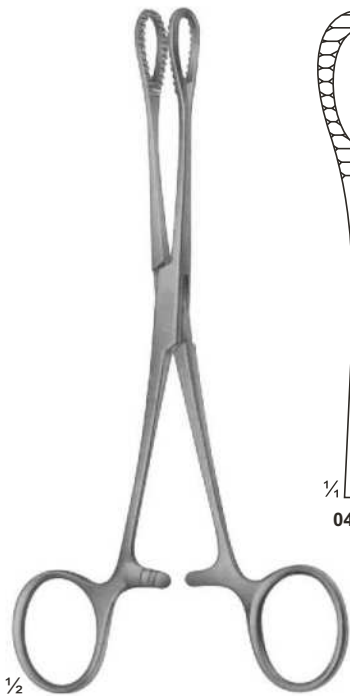
04-339 - 340
SIMS-MAIER
280 mm

04-341
COLLIN
240 mm

04-342
CHERON
Handles Laterally Angled
240 mm

04-343
EMMET
210 mm

Dressing, Sponge holding, Organ and Tissue Grasping Forceps



04-344



04-345

04-344 - 345
FOERSTER-BALLENGER
180 mm

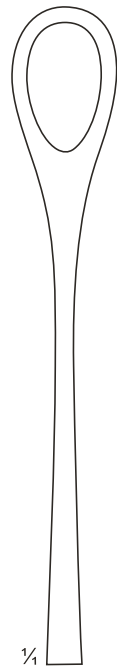


04-346
180 mm



04-347
250 mm

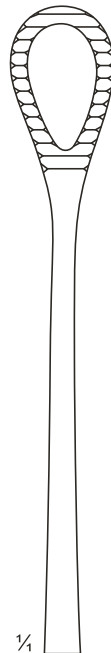
04-346 - 347
RAMPLEY



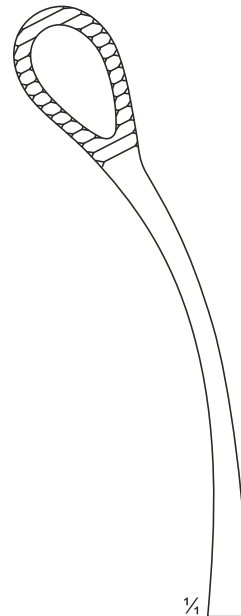
04-348
Smooth Jaws



04-349
Smooth Jaws

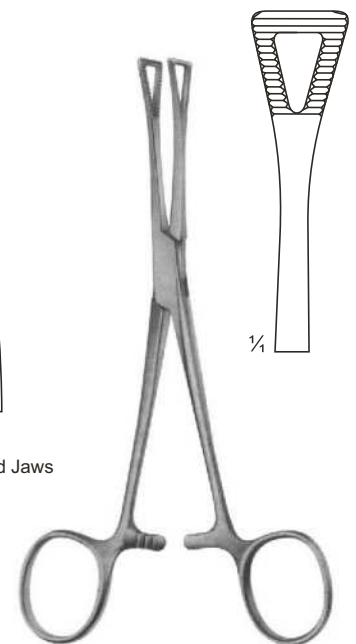


04-350
Serrated Jaws



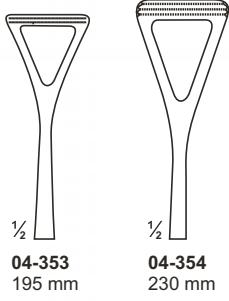
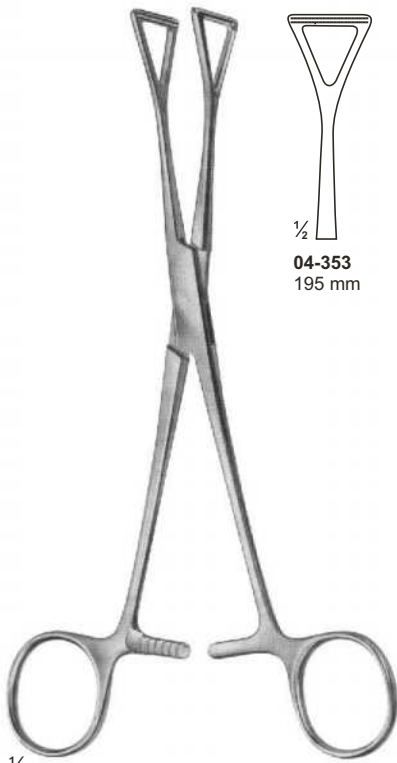
04-351
Serrated Jaws

04-348 - 351
FOERSTER-BALLENGER
240 mm

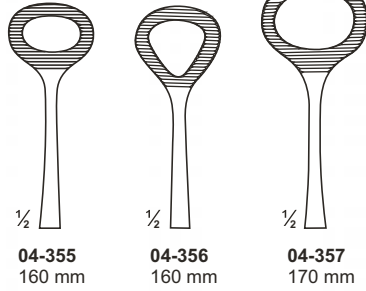
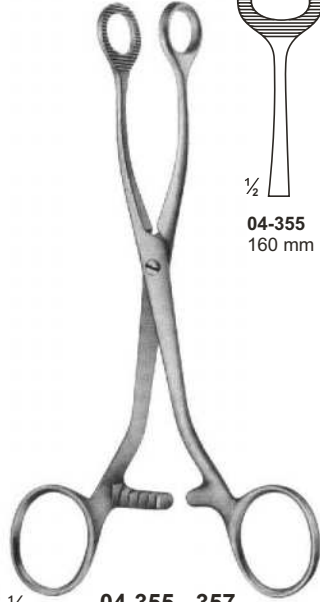


04-352
PENNINGTON
155 mm

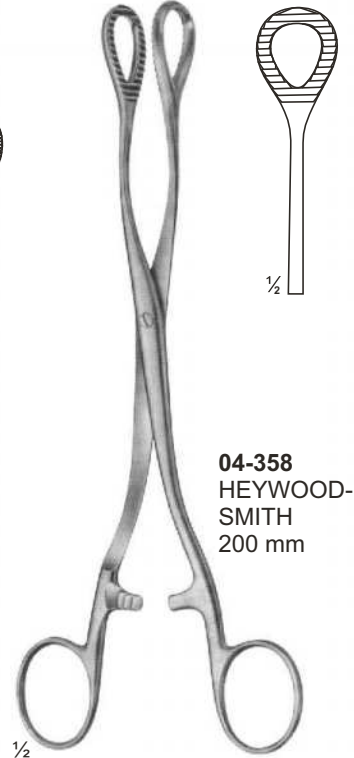
Dressing, Sponge holding, Organ and Tissue Grasping Forceps



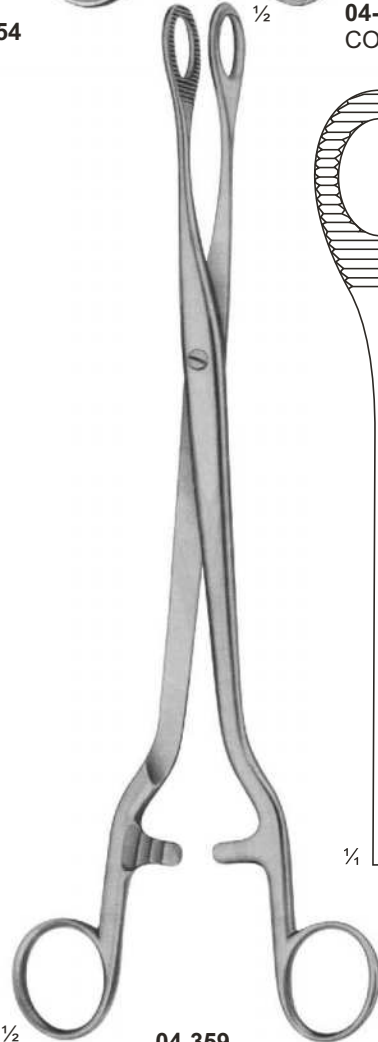
1/2
04-353 - 354
COLLIN



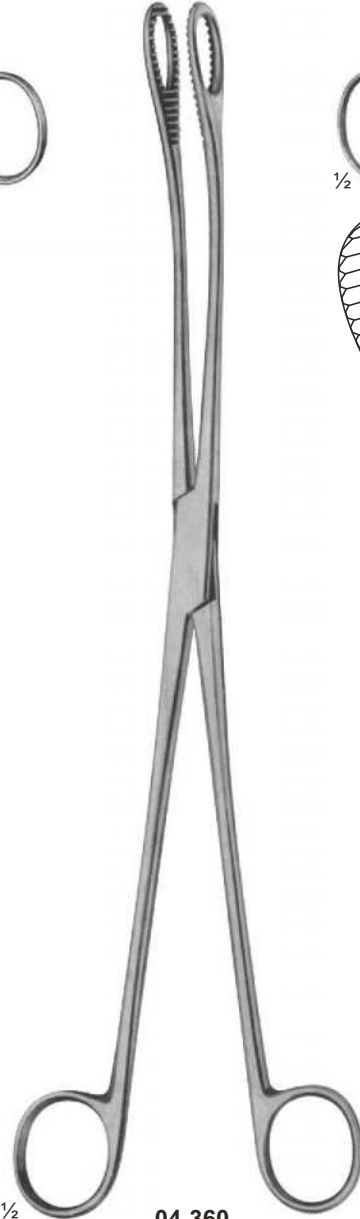
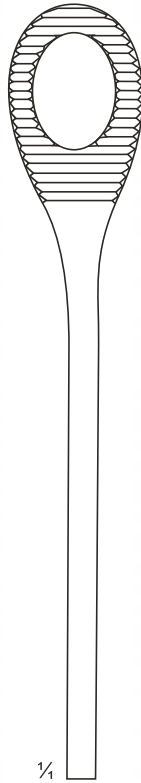
1/2
04-355 - 357
COLLIN



04-358
HEYWOOD-
SMITH
200 mm



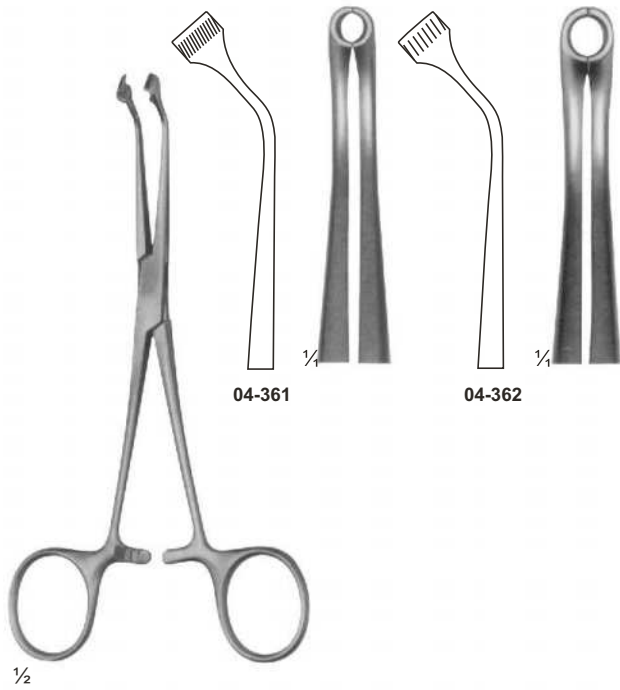
1/2
04-359
NOTO
280 mm



1/2
04-360
KELLY
320 mm



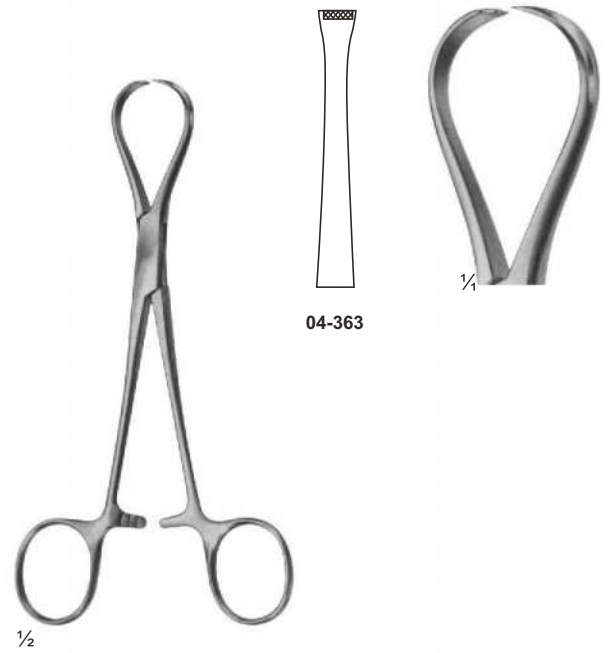
Tendon Seizing Forceps



04-361

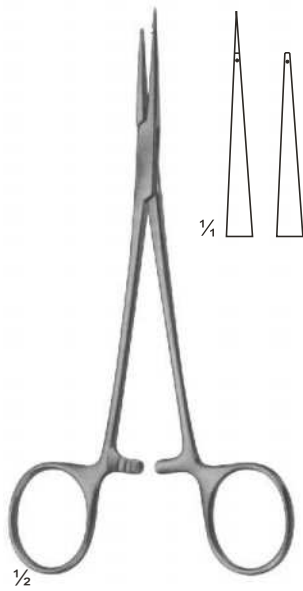
04-362

04-361 - 362
HERZ
155 mm



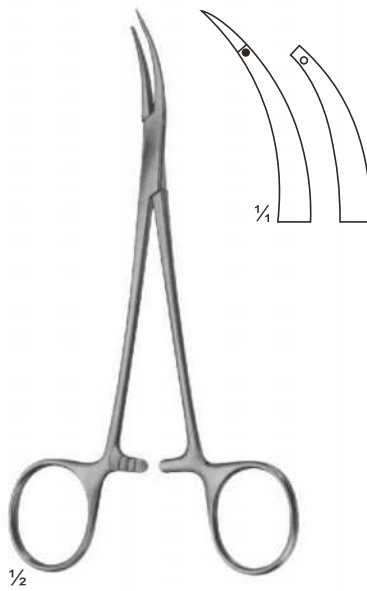
04-363

04-363
JACKSON
4 x 5 teeth
150 mm



1/4

04-364
150 mm



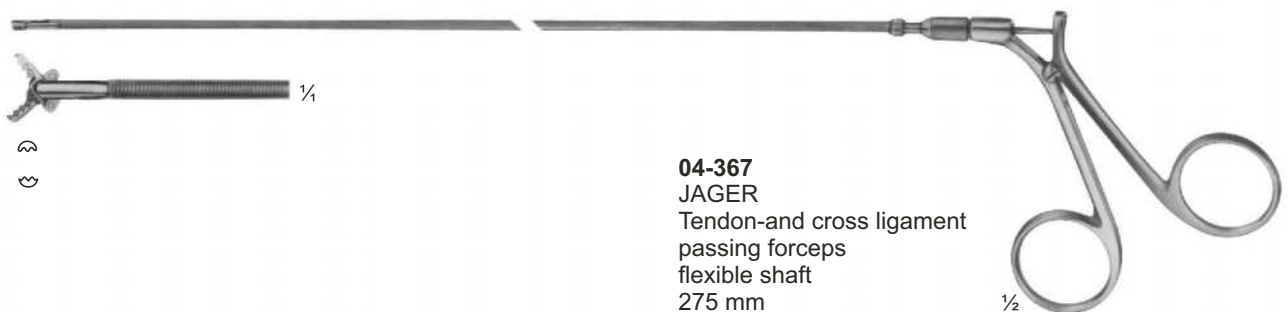
1/4

04-365
150 mm



1/4

04-366
120 mm



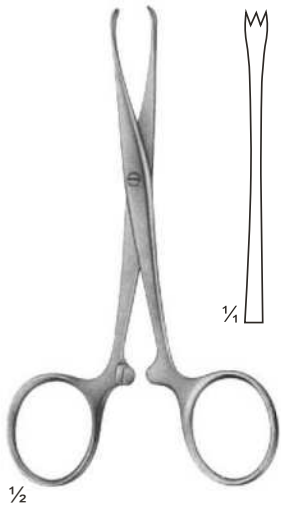
1/4



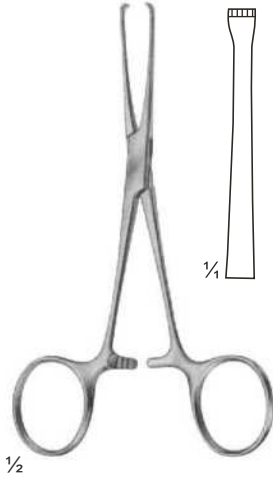
04-367
JAGER
Tendon-and cross ligament
passing forceps
flexible shaft
275 mm

1/2

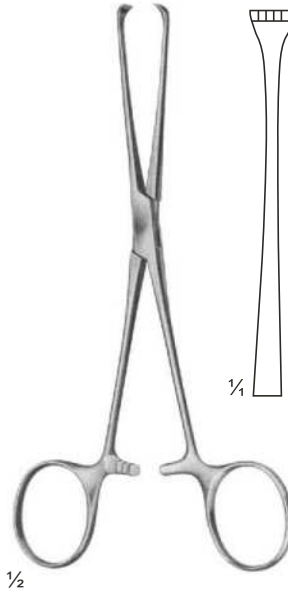
Artery Traction - and Tissue Grasping Forceps



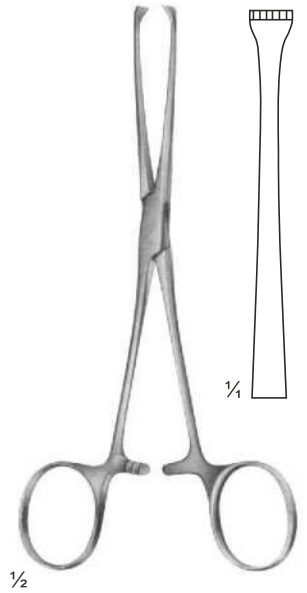
04-368
CHAPUT
2 x 3 teeth
125 mm



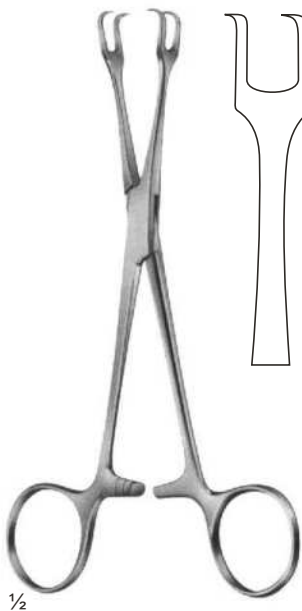
04-369
BABY-ALLIS
4 x 5 teeth
130 mm



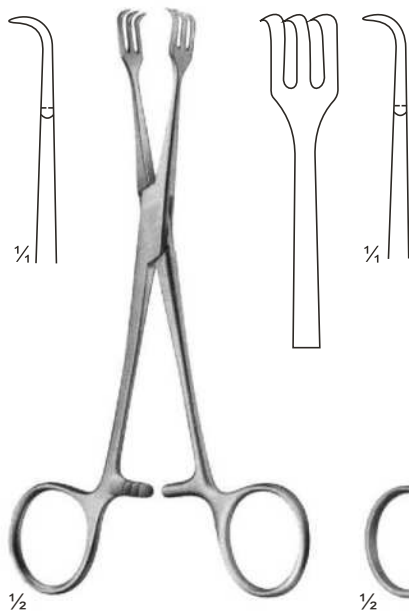
04-370
BOYS-ALLIS
5 x 6 teeth
155 mm



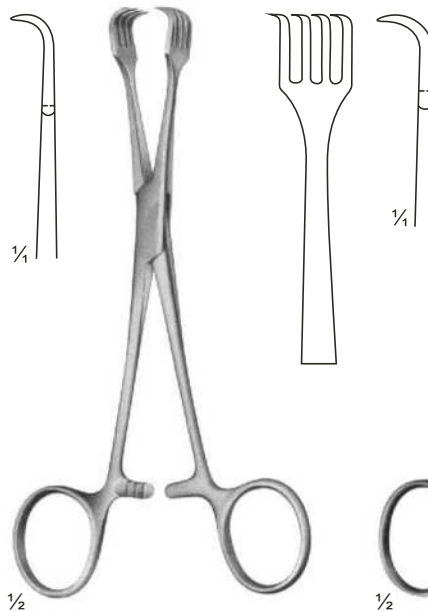
04-371
ALLIS
5 x 6 teeth
155 mm



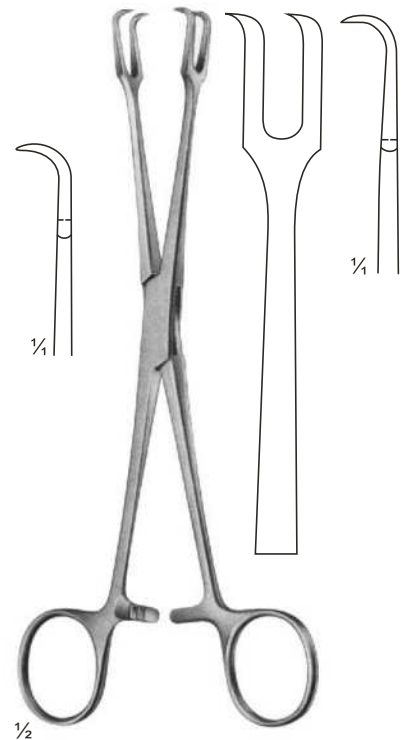
04-372
LAHEY
135 mm



04-373
LAHEY
135 mm

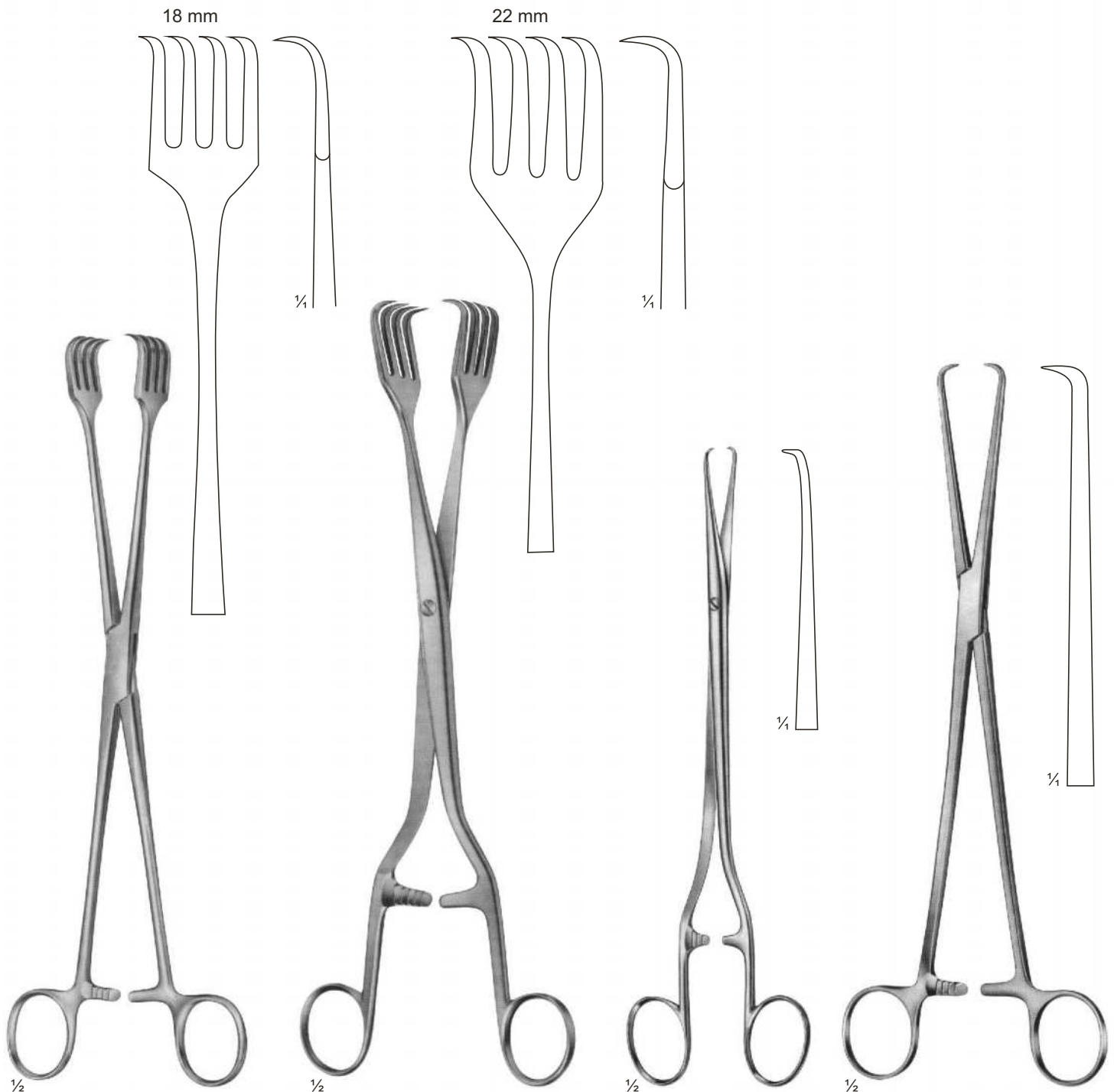


04-374
BRAUN
155 mm



04-375
MUSEUX
200 mm

Organ - and Tissue Grasping Forceps



04-376
AESCULAP
260 mm

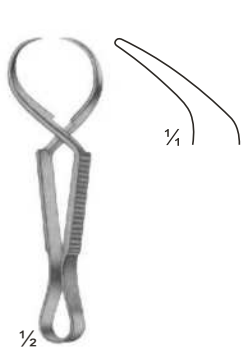
04-377
PRATT
270 mm

04-378
TIEMANN
Bullet forceps
220 mm

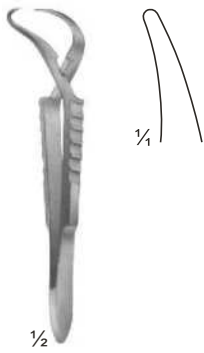
04-379
SCHRODER
250 mm



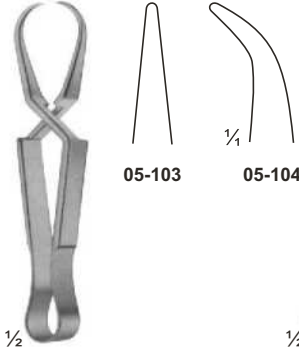
Towel Clamps



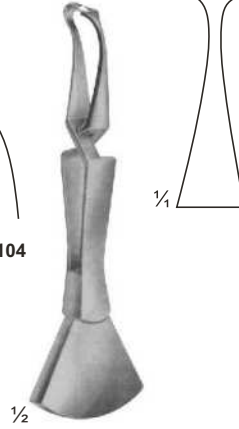
**05-101
JONES
85 mm**



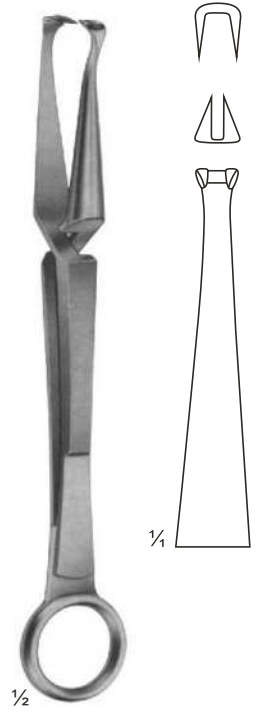
**05-102
ENGL. MOD.
85 mm**



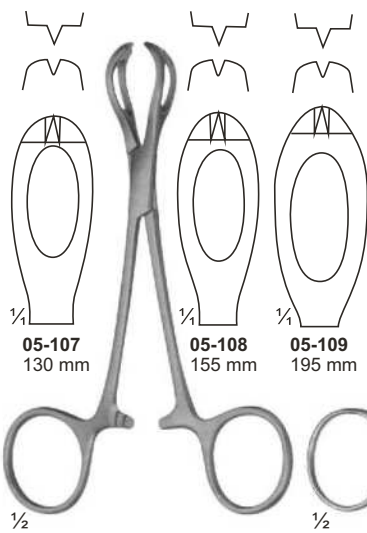
**05-103 - 104
SCHAEDEL
85 mm**



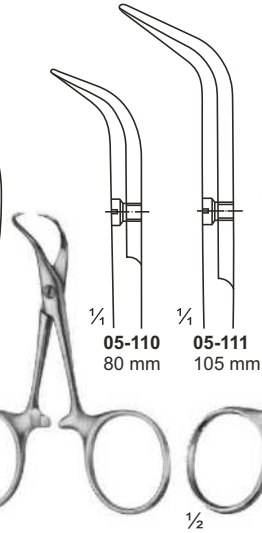
**05-105
DOYEN
110 mm**



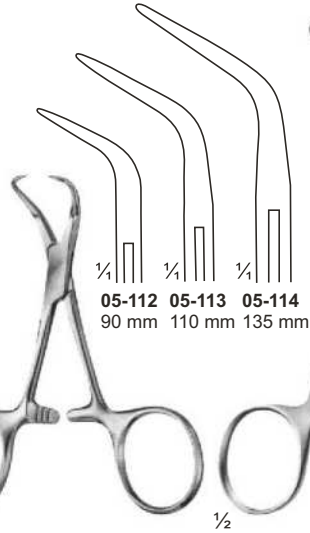
**05-106
DOYEN
180 mm**



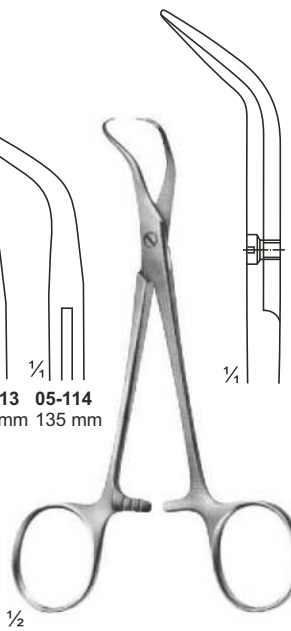
**05-107 - 109
LANE**



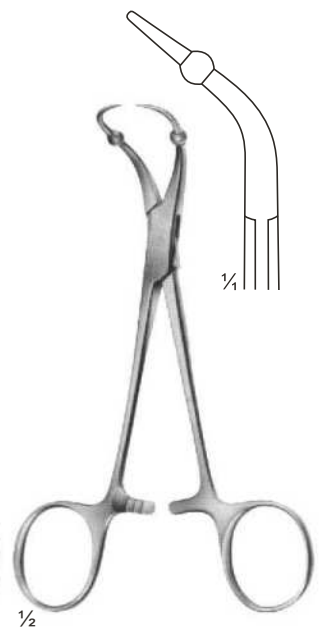
**05-110 - 111
BACKHAUS**



**05-112 - 114
BACKHAUS**

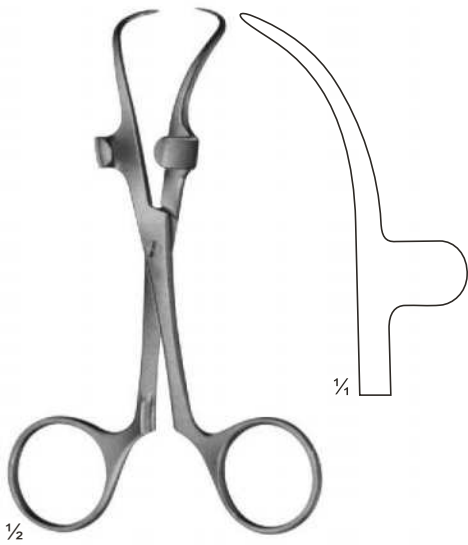


**05-115
BACKHAUS-KOCHER
135 mm**

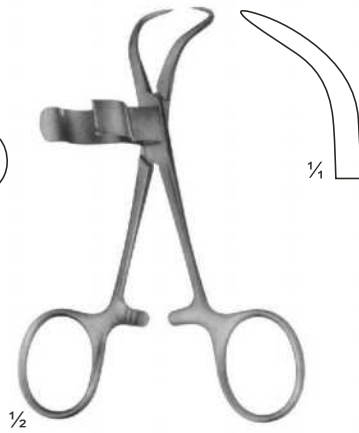


**05-116
ROEDER
135 mm**

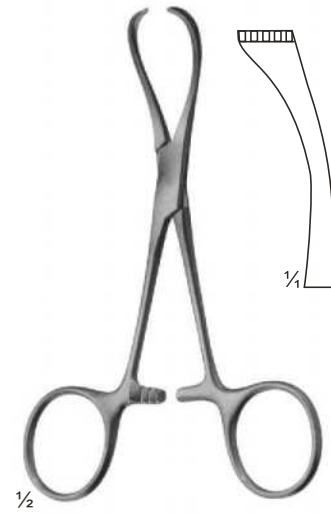
Towel Clamps



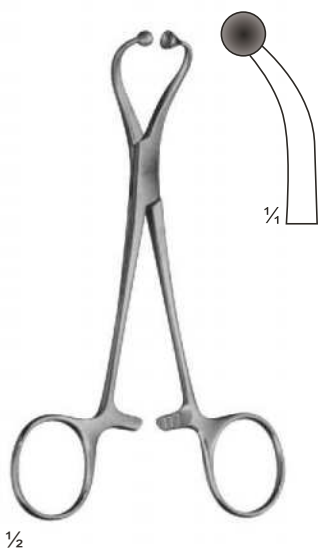
05-117
ROBIN
with holders for tubing
up to 13 mm
135 mm



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

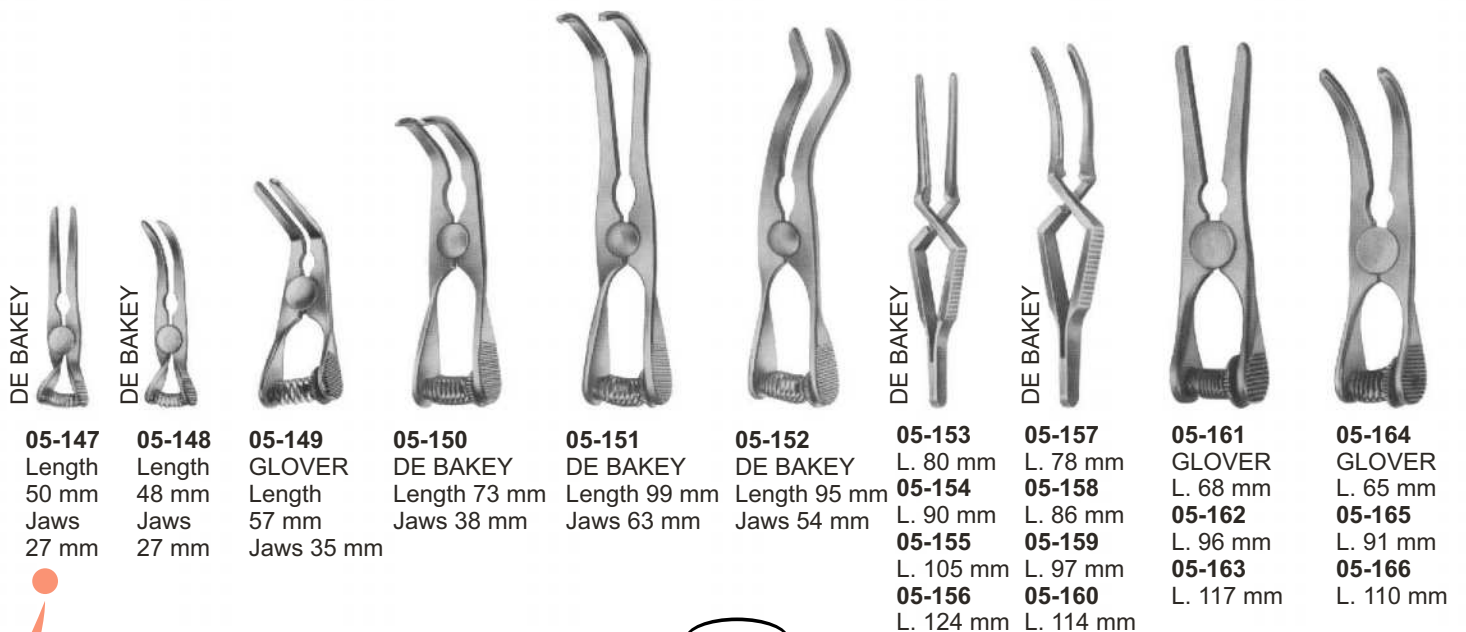
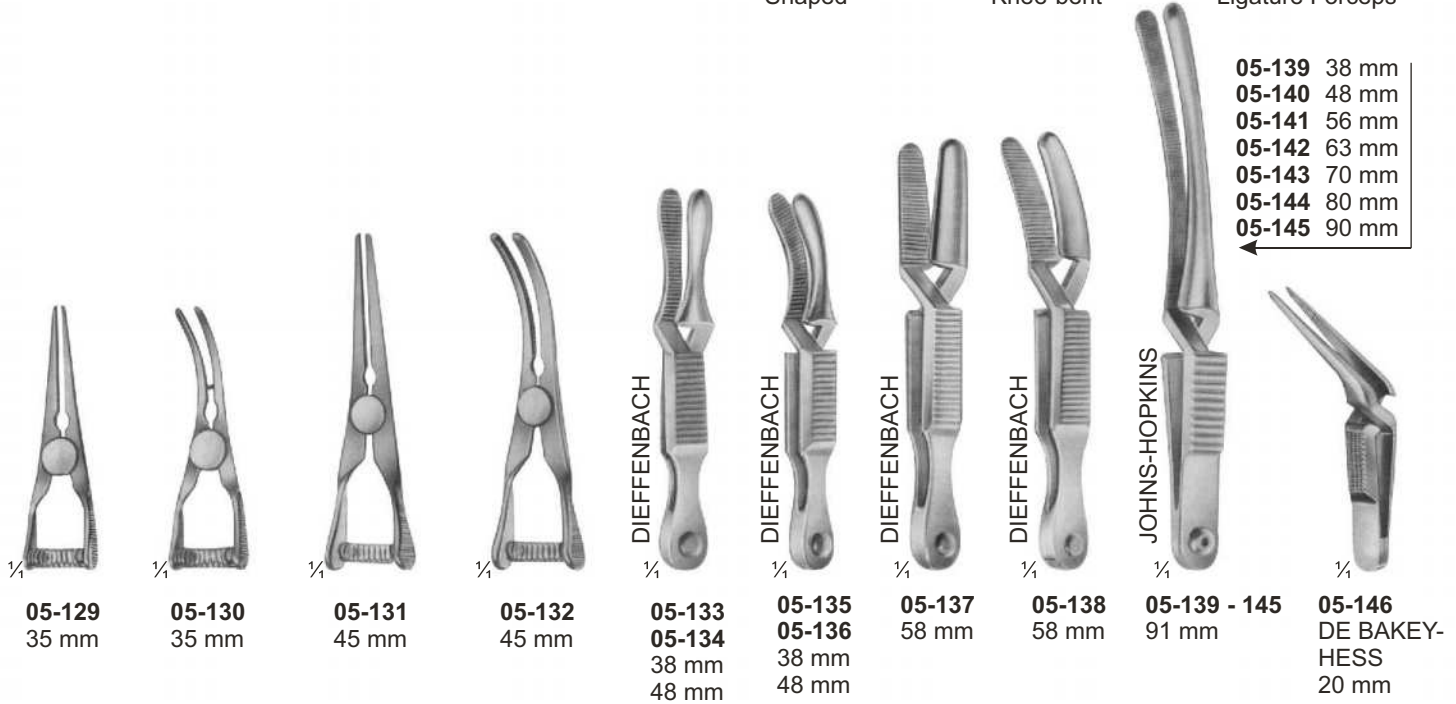
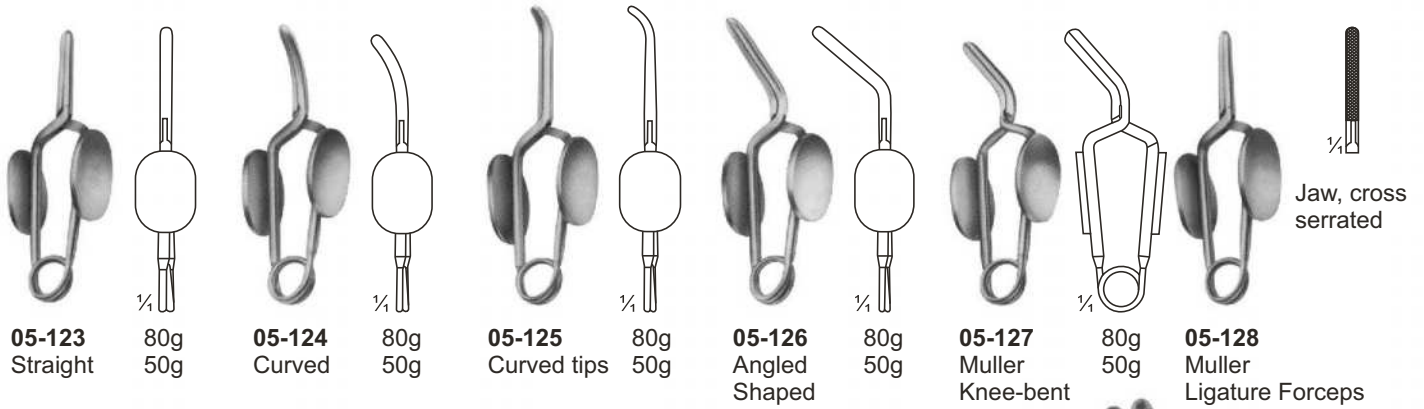


05-122
MAYO
140 mm



Muller Vessel Clips and Bulldog Clamps

Closing force



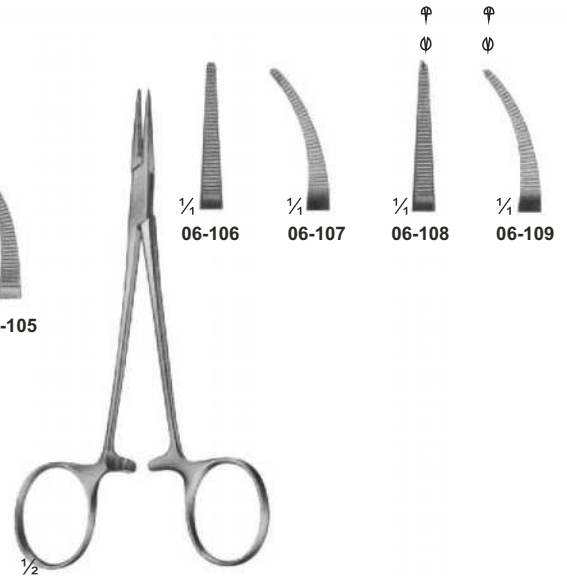
Delicate Haemostatic Forceps



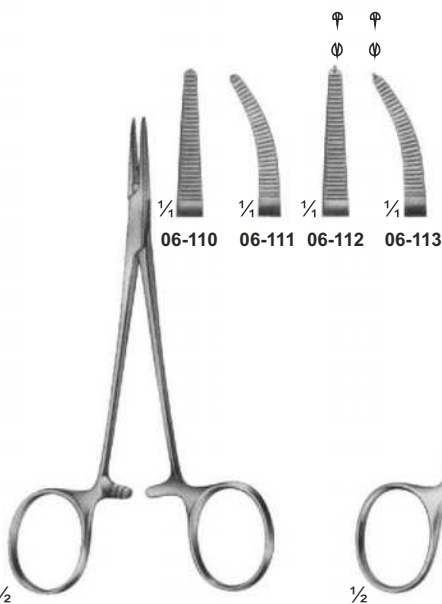
06-101
CARREL
85 mm



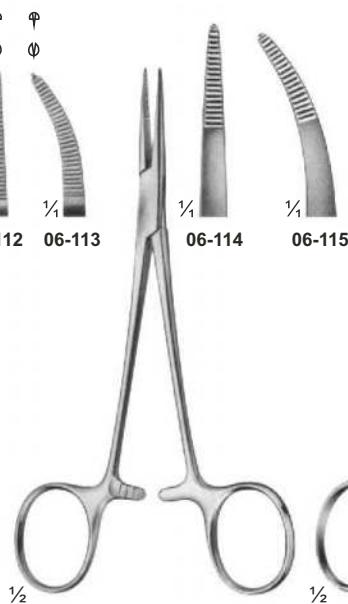
06-102 - 105
BABY-MOSQUITO
(HARTMANN)
100 mm



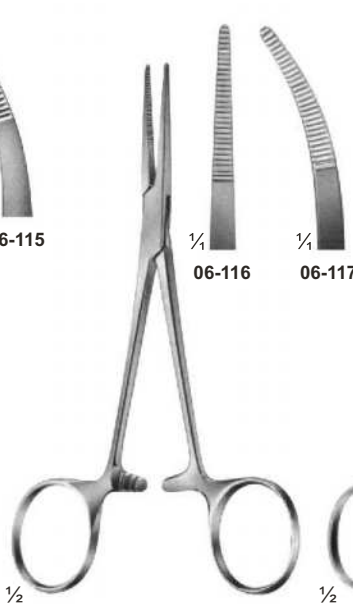
06-106 - 109
MICRO-HALSTED
125 mm



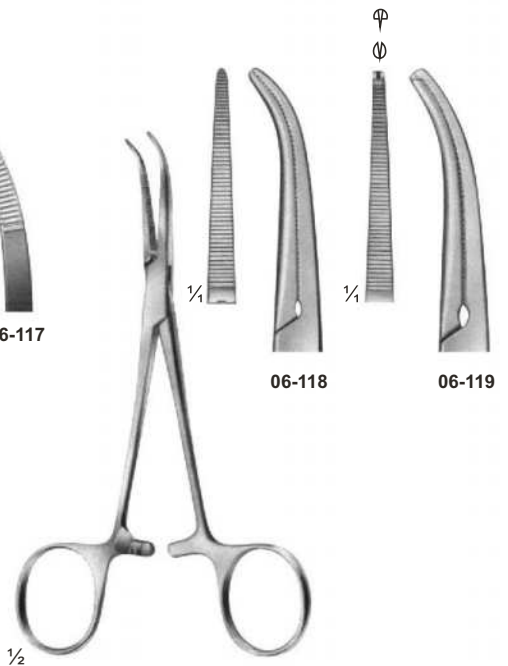
06-110 - 113
HALSTED-MOSQUITO
125 mm



06-114 - 115
PROVIDENCE-HOSPITAL
140 mm



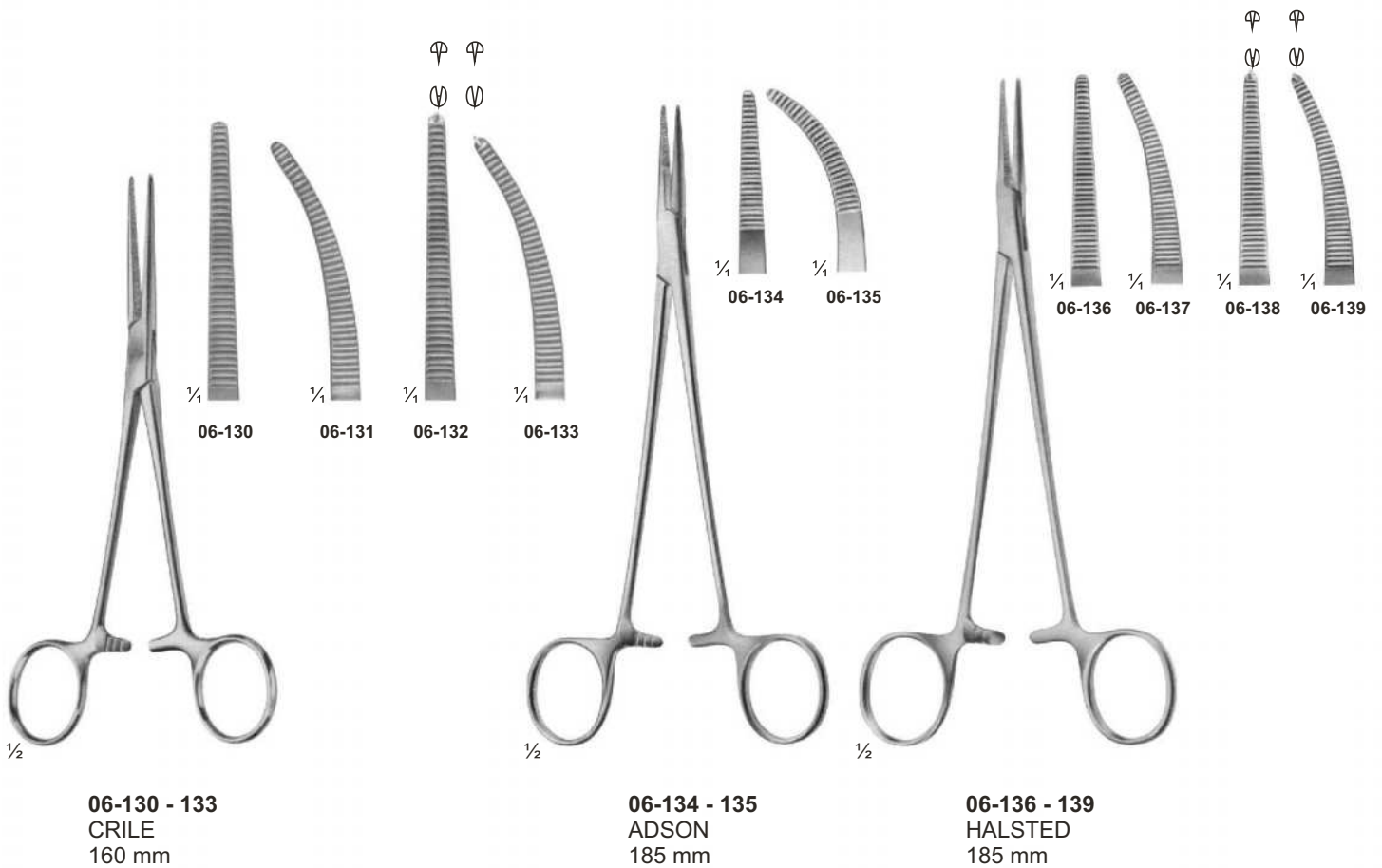
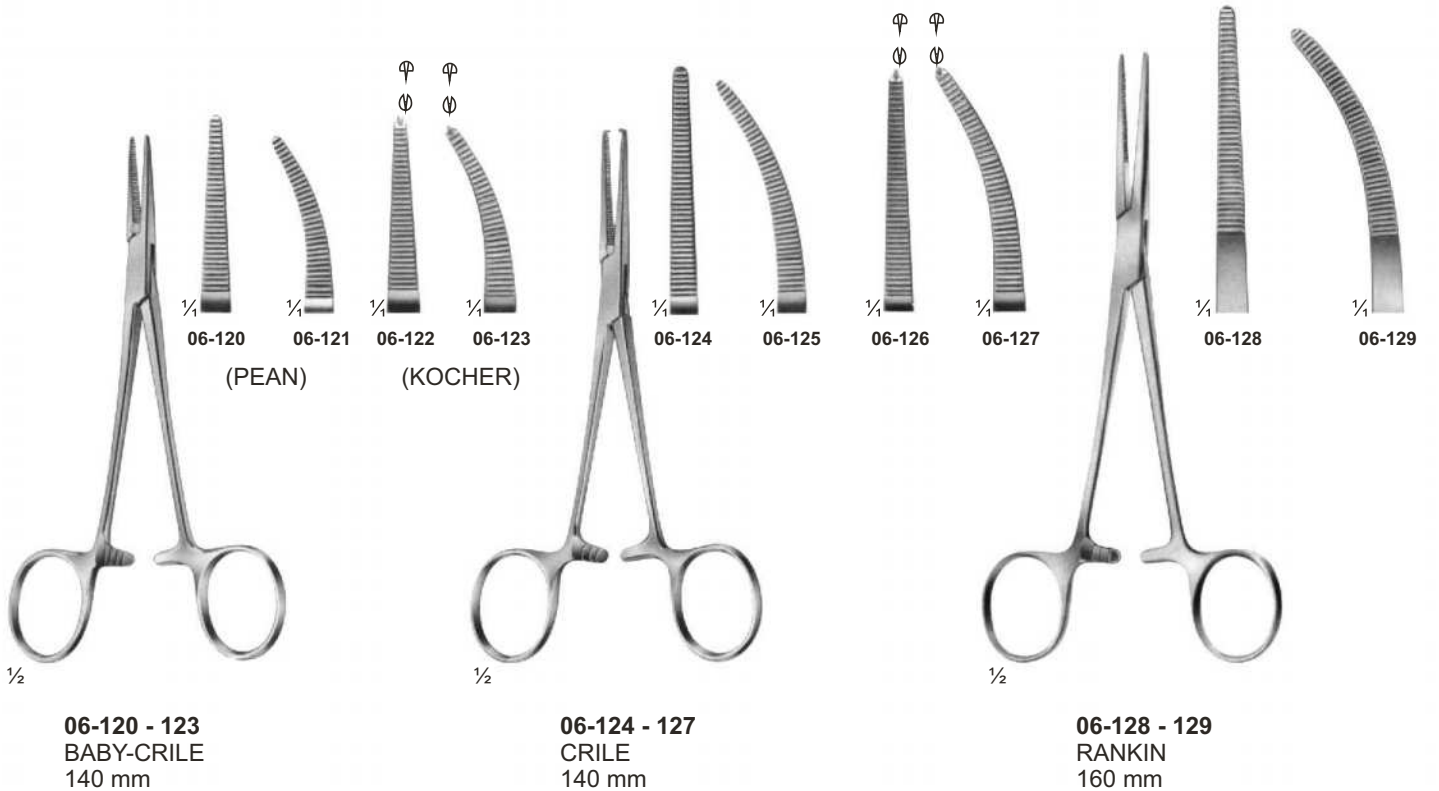
06-116 - 117
KELLY
140 mm



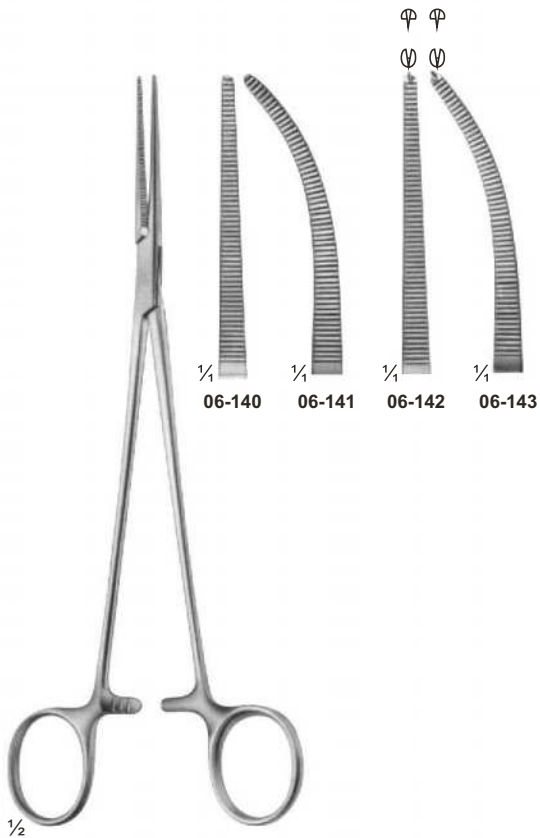
06-118 - 119
DANDY
Curved sideways
140 mm



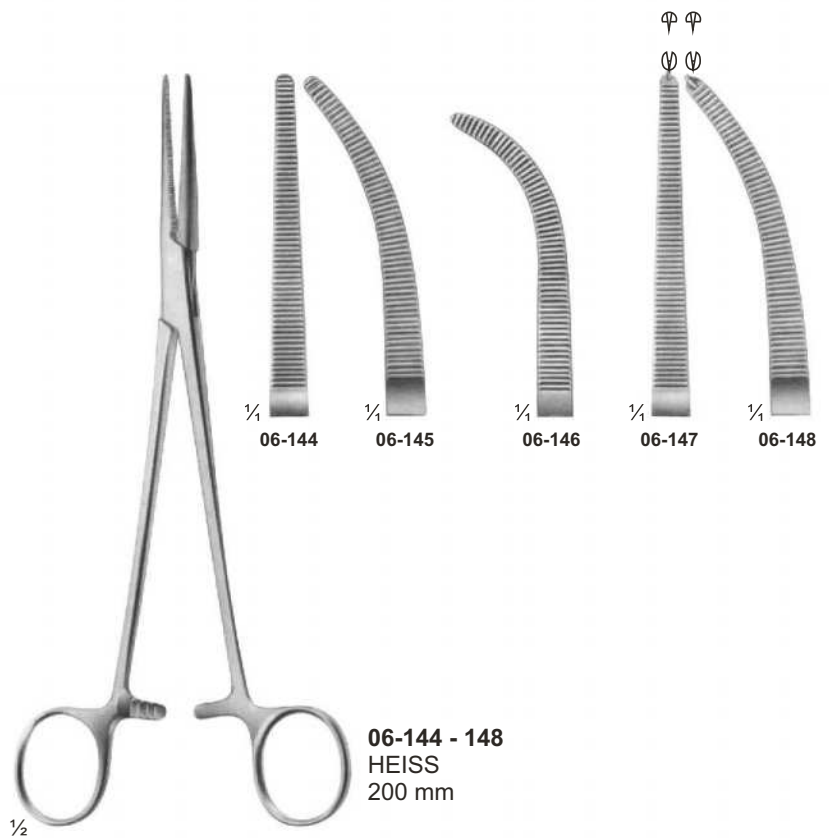
Delicate Haemostatic Forceps



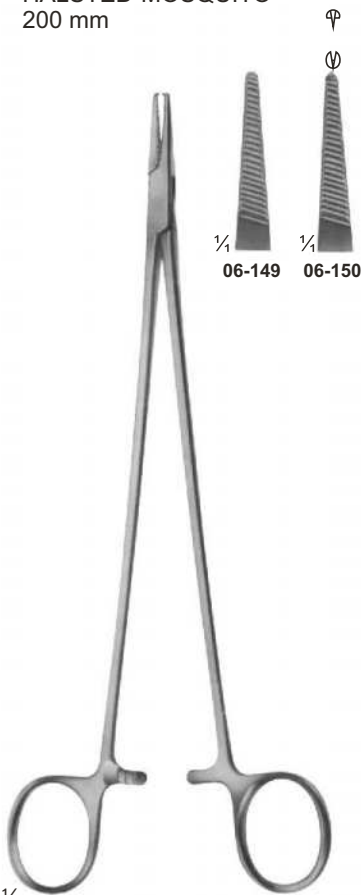
Delicate Haemostatic Forceps



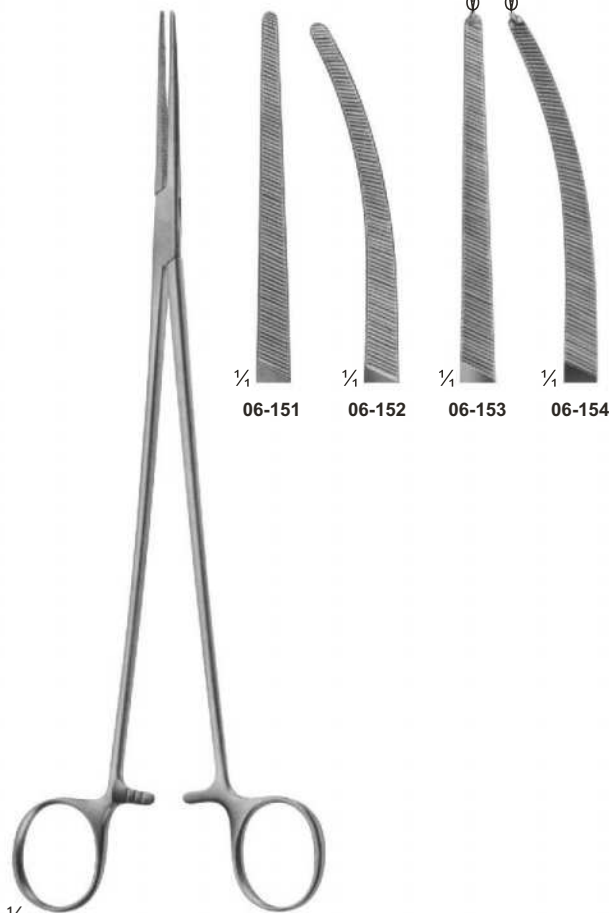
06-140 - 143
HALSTED-MOSQUITO
200 mm



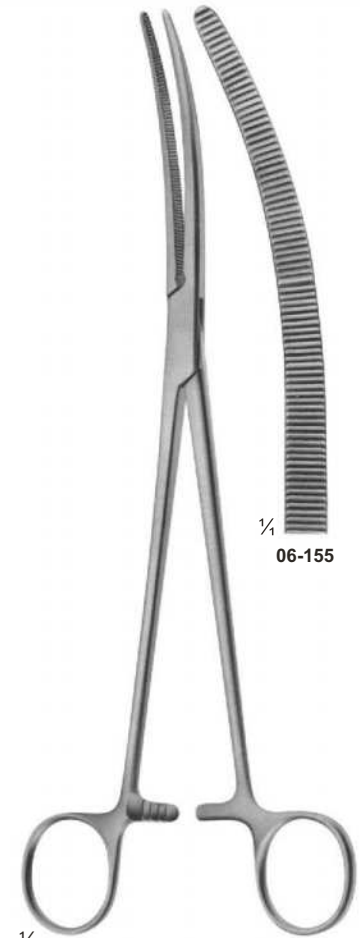
06-144 - 148
HEISS
200 mm



06-149 - 150
HALSTED
215 mm



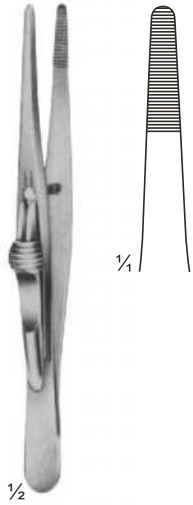
06-151 - 154
BENGOLEA
245 mm



06-155
CRAFOORD
245 mm



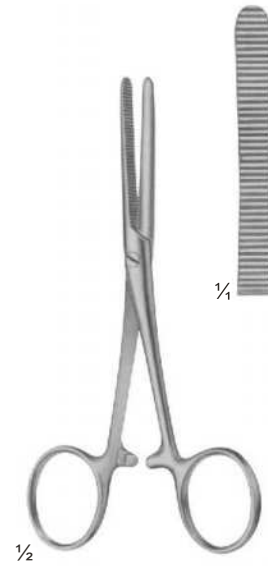
Haemostatic Forceps



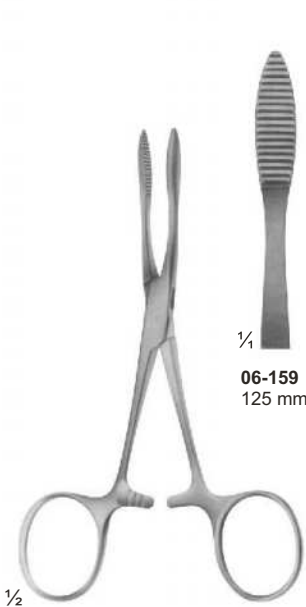
06-156
FRICKE
Artery forceps
130 mm



06-157
KRONLEIN
130 mm



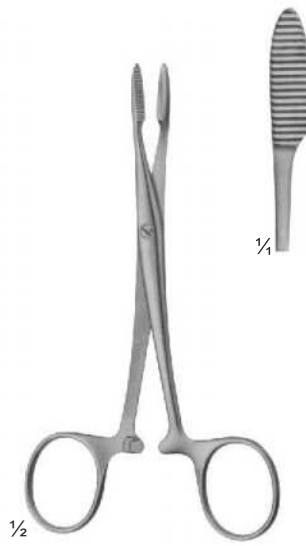
06-158
PEAN
125 mm



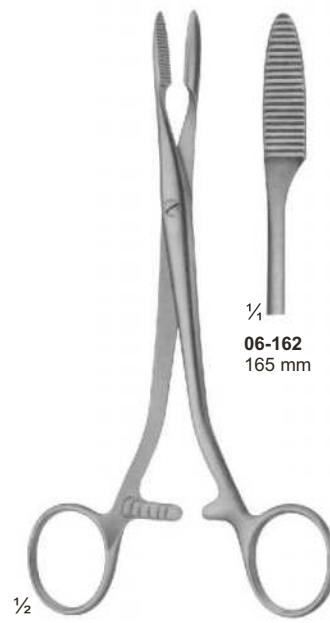
06-159 - 160
PEAN



06-160
140 mm



06-161
PEAN



06-162 - 163
PEAN

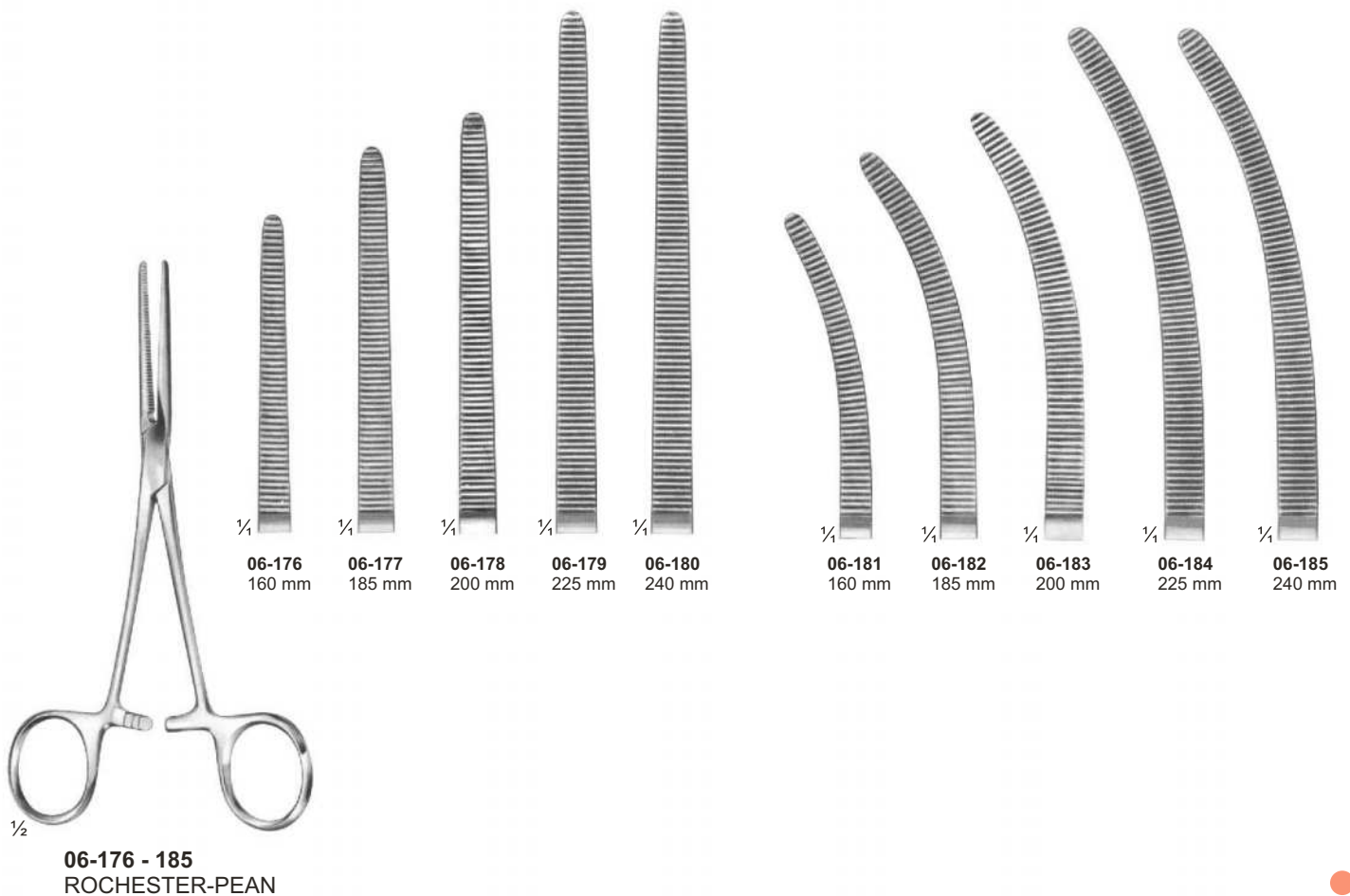
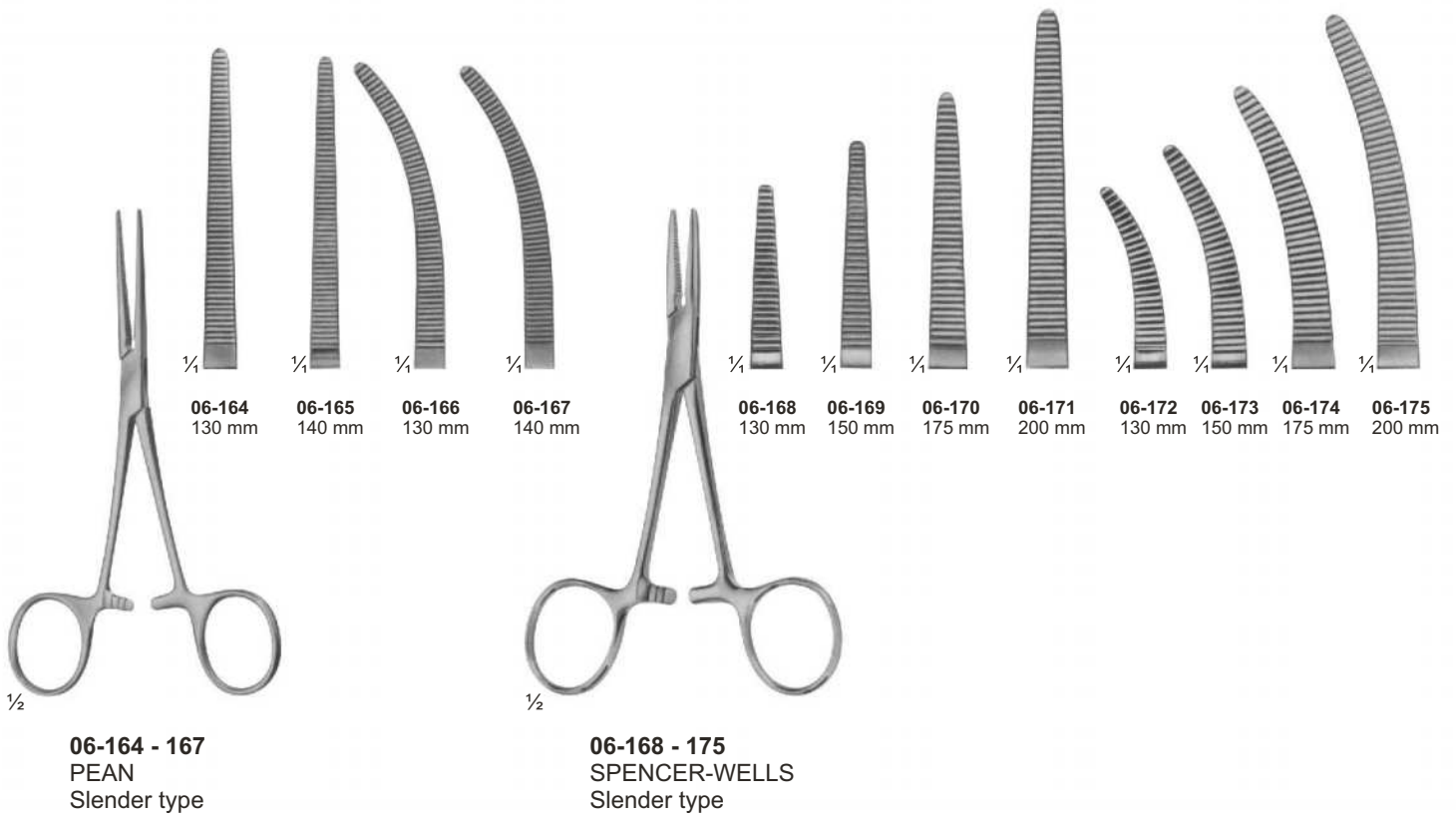


06-162
165 mm



06-163
185 mm

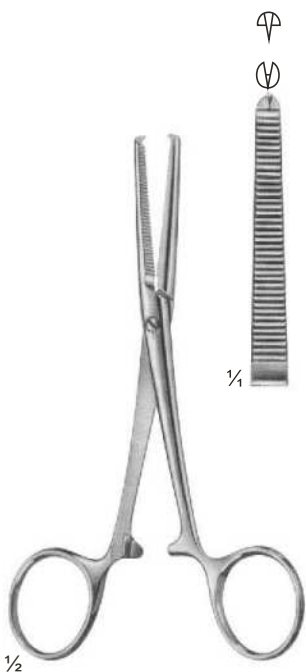
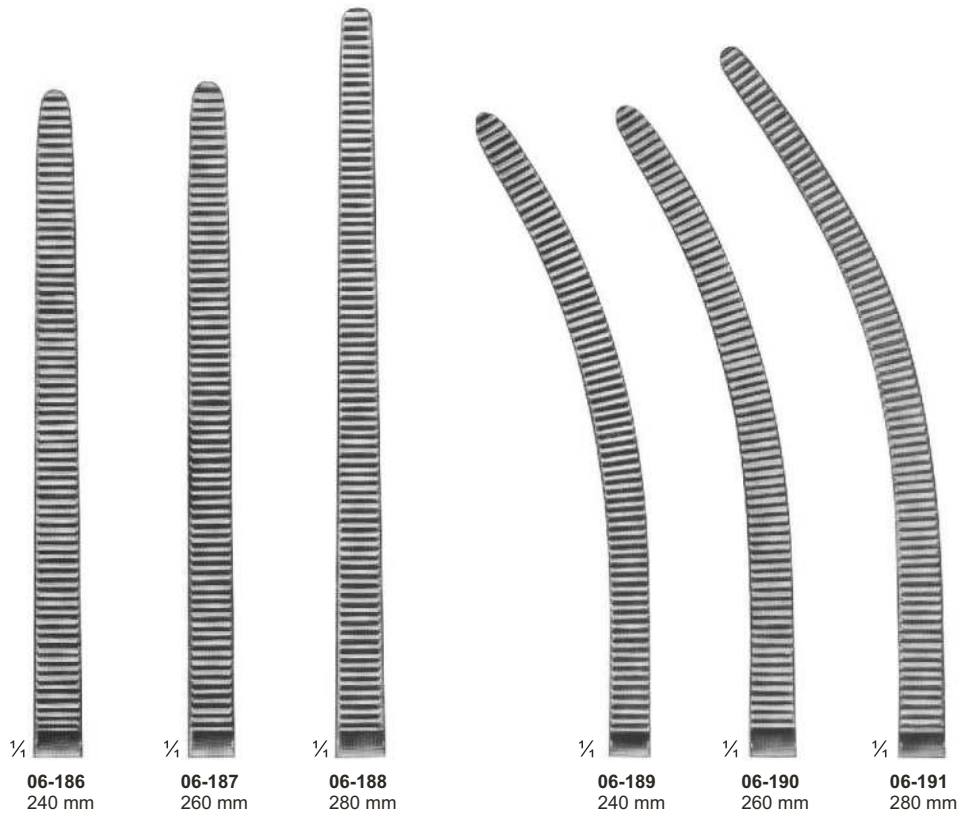
Haemostatic Forceps



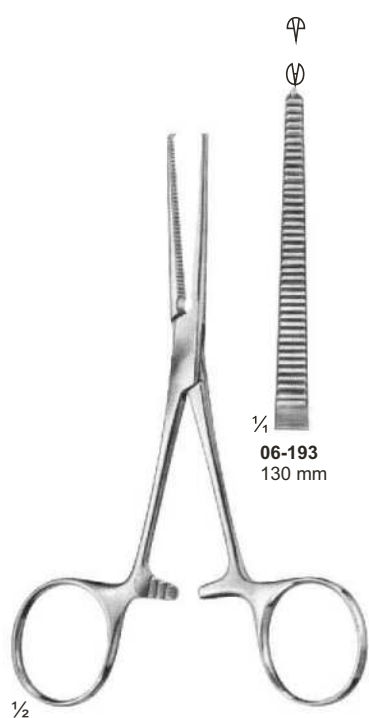
Haemostatic Forceps



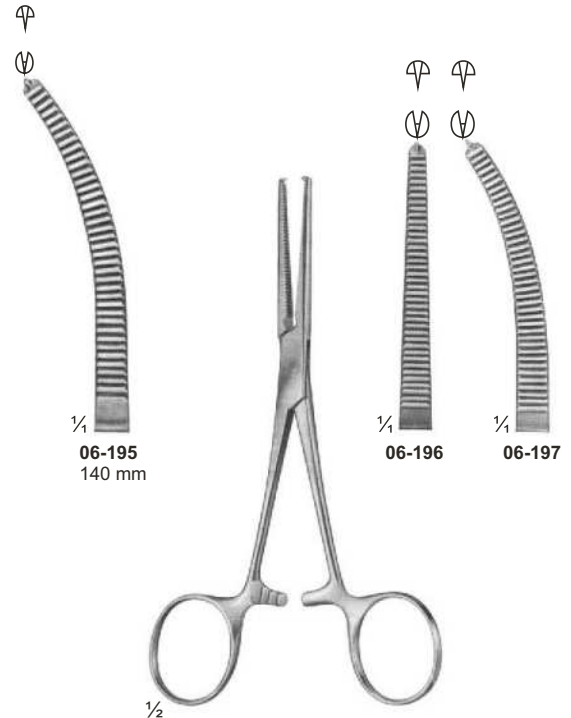
06-186 - 191
PEAN



06-192
KOCHER
Strong Pattern
145 mm

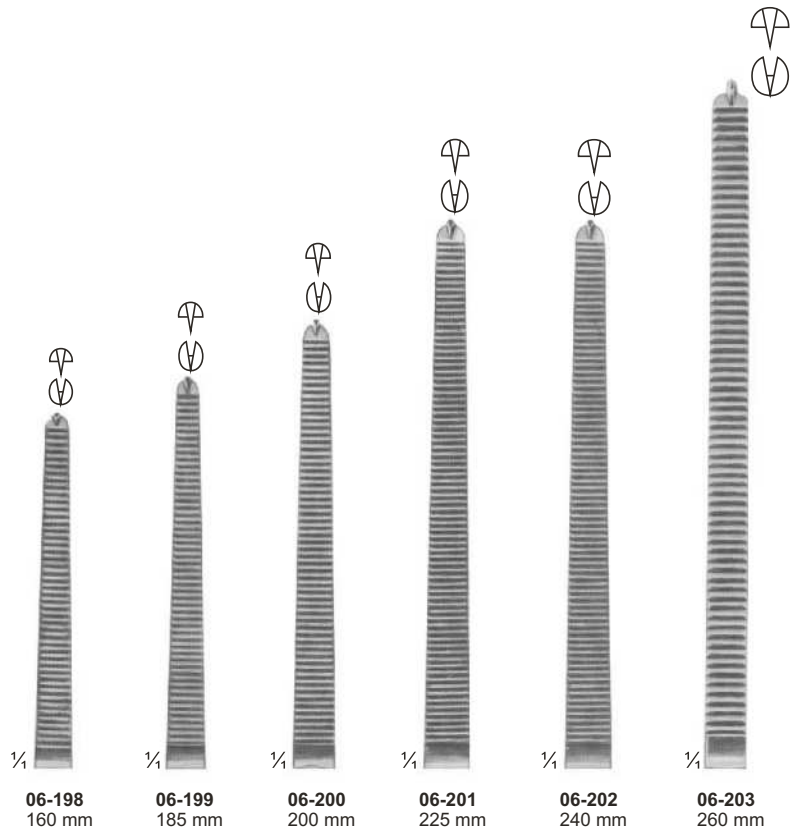


06-193 - 195
KOCHER

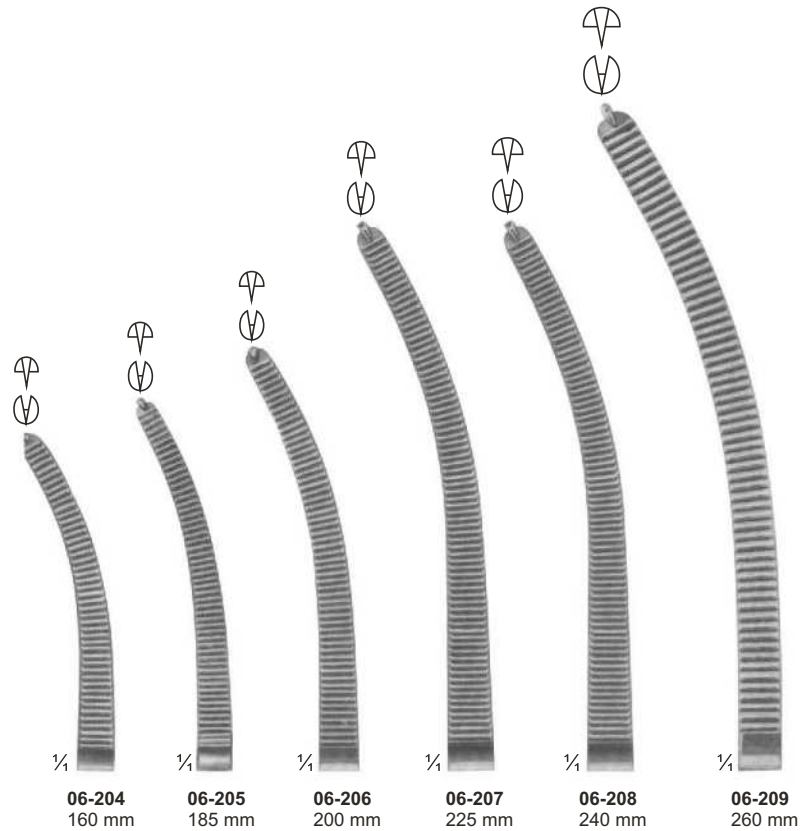


06-196 - 197
ROCHESTER-OCHSNER
140 mm

Haemostatic Forceps



06-198 - 209
KOCHER-OCHSNER

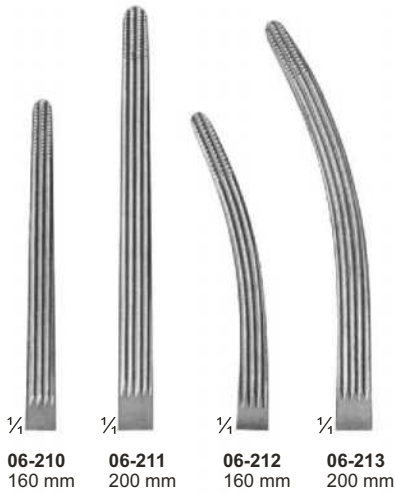


Haemostatic Forceps, Special Pattern, Tonsil Forceps



1/2

06-210 - 213
ROCHESTER-CARMALT

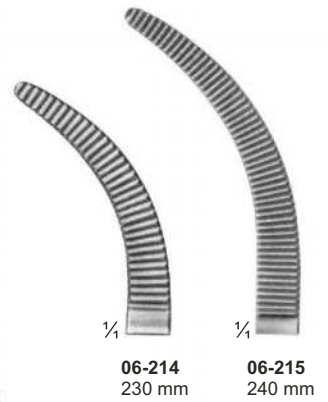


1/4 **06-210** 160 mm
1/4 **06-211** 200 mm
1/4 **06-212** 160 mm
1/4 **06-213** 200 mm

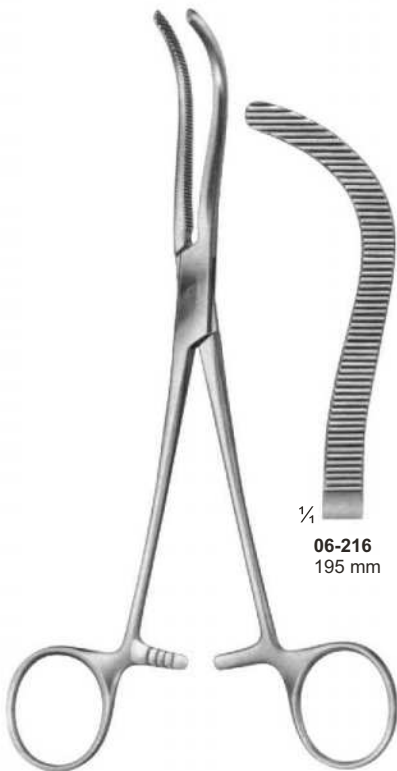


1/2

06-214 - 215
MOYNIHAN

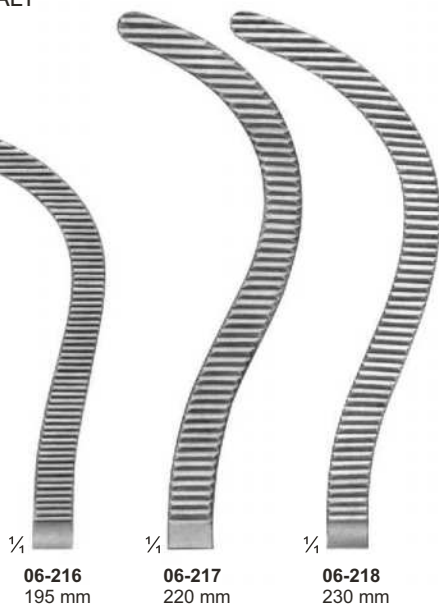


1/4 **06-214** 230 mm
1/4 **06-215** 240 mm

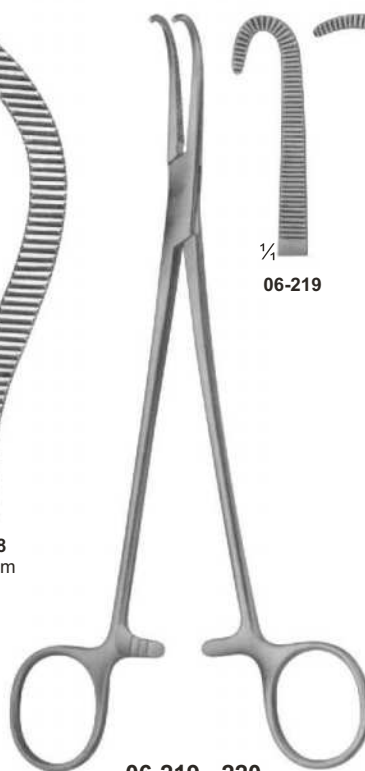


1/2

06-216 - 218
PEAN

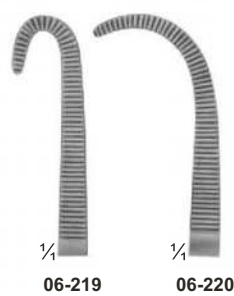


1/4 **06-216** 195 mm
1/4 **06-217** 220 mm
1/4 **06-218** 230 mm

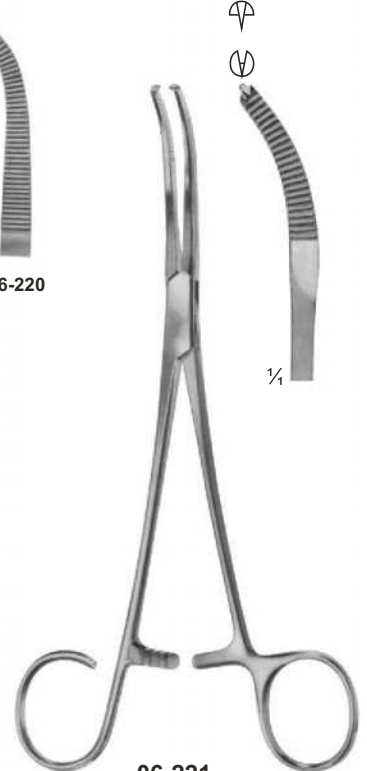


1/2

06-219 - 220
NEGUS
190 mm



1/4 **06-219**
1/4 **06-220**



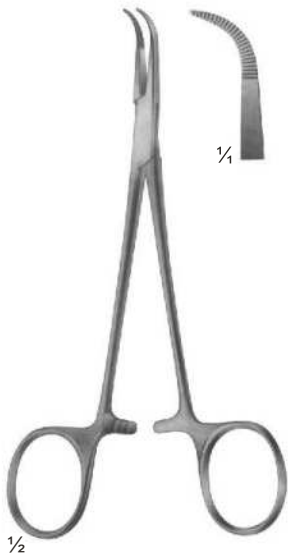
1/2

06-221
MIKULICZ
185 mm



1/4

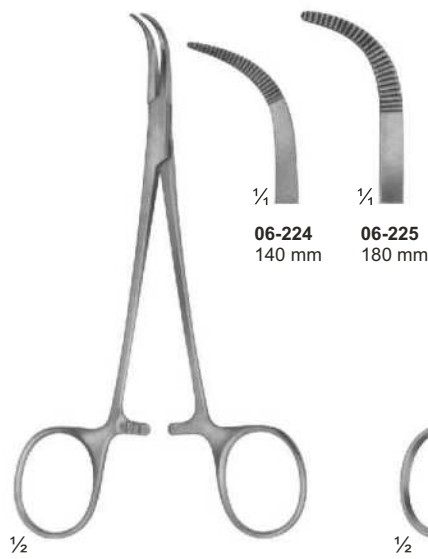
Dissecting- and Ligature Forceps



06-222
MICRO-ADSON
140 mm



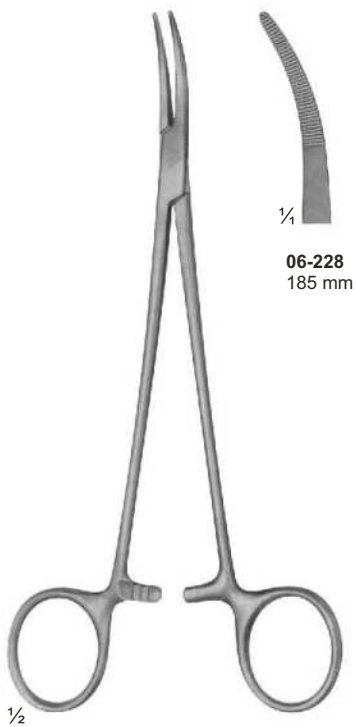
06-223
BABY-OVERHOLT
135 mm



06-224 - 225
BABY-MIXTER



06-226 - 227
BABY-ADSON



06-228
NISSEN



06-229 - 230
YASARGIL
195 mm



06-231
OVERHOLT-MIXTER



Dissecting- and Ligature Forceps



1/2

1/4
Fig. 0

06-232
195 mm

1/4
1

06-233
210 mm

1/4
2

06-234
220 mm

1/4
3

06-235
225 mm

1/4
4

06-236
210 mm

1/4
5

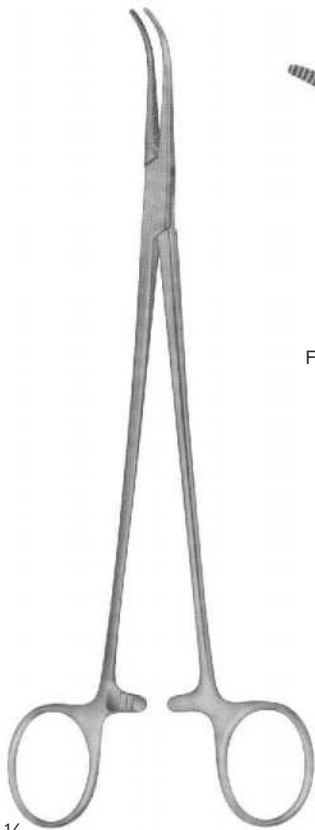
06-237
230 mm

1/4
6

06-238
225 mm

06-239
260 mm
06-240
270 mm
06-241
275 mm
06-242
270 mm
06-243
280 mm

06-232 - 243
OVERHOLT-GEISSENDOERFER



1/2

1/4
Fig. 0

06-244
215 mm

1/4
1

06-245
210 mm

1/4
2

06-246
220 mm

1/4
3

06-247
225 mm

1/4
6

06-248
225 mm

1/4
0

06-249
295 mm

1/4
1

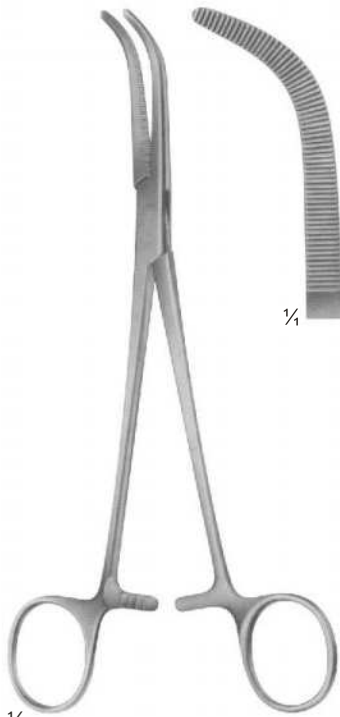
06-250
295 mm

1/4
6

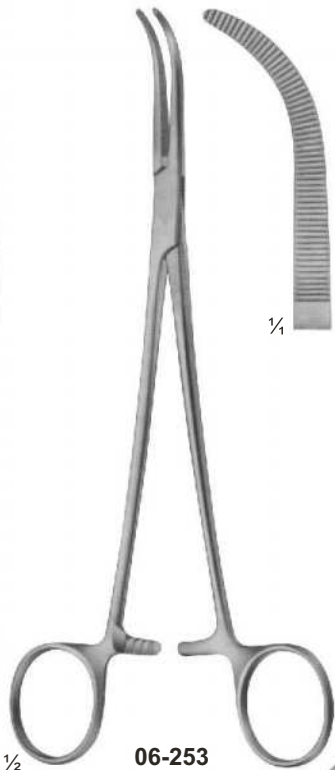
06-251
300 mm

06-244 - 251
OVERHOLT
fine pattern

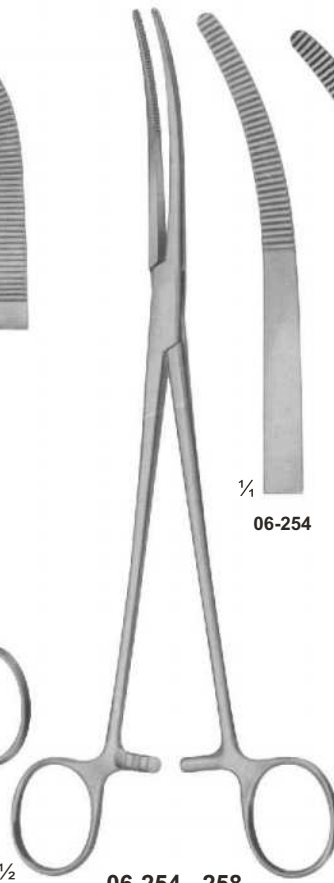
Dissecting- and Ligature Forceps



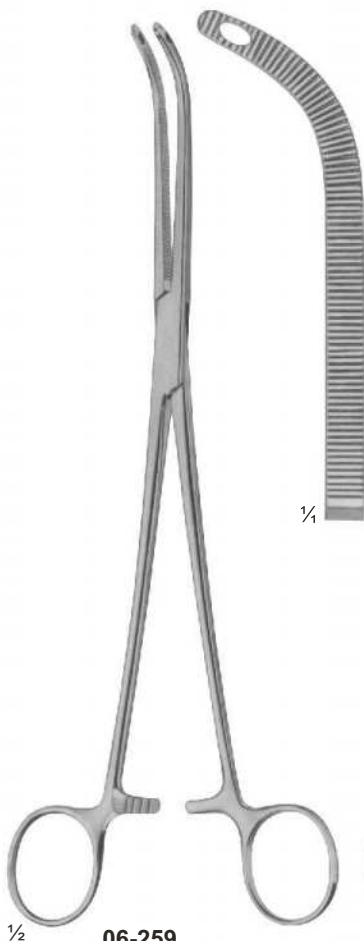
06-252
MIXTER-O'SHAUGNESSY
190 mm



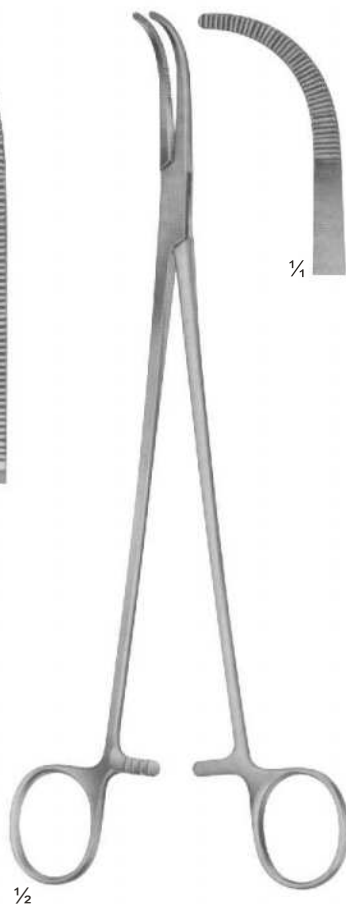
06-253
HEISS
195 mm



06-254 - 258
RUMEL
240 mm



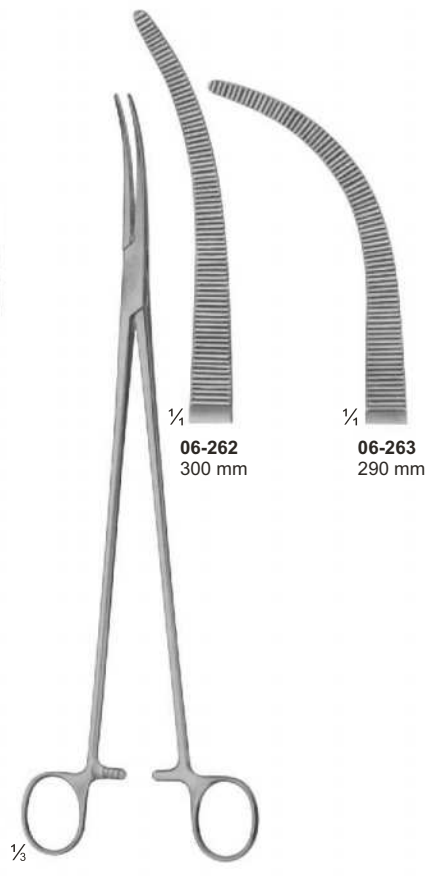
06-259
FINOCHIETTO
245 mm



06-260
MIXTER
230 mm



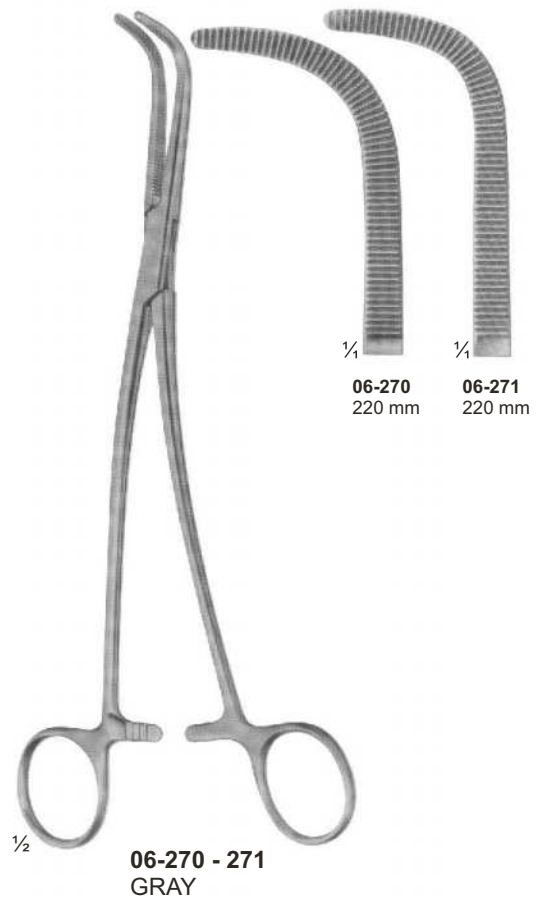
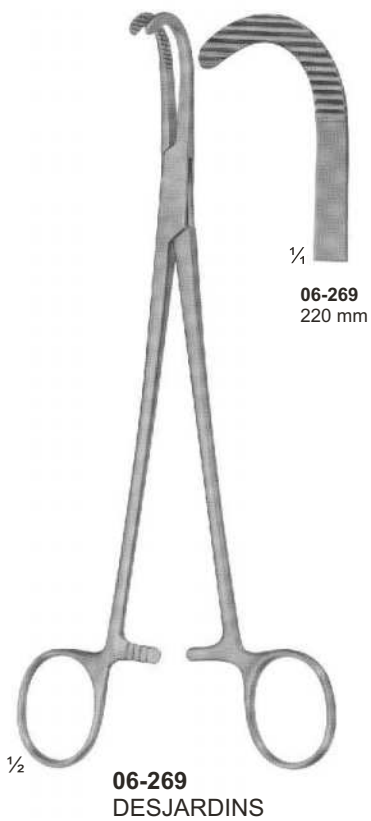
06-261
LAWRENCE
270 mm



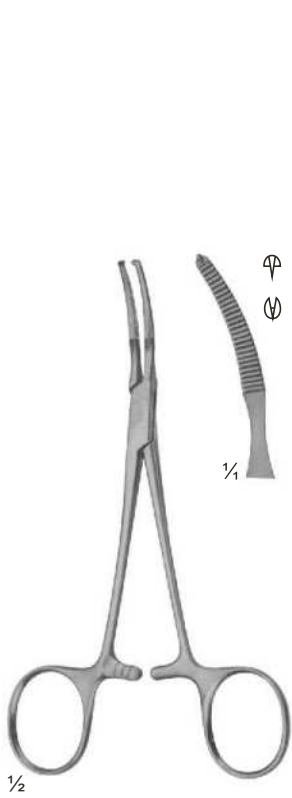
06-262 - 263
ZENKER



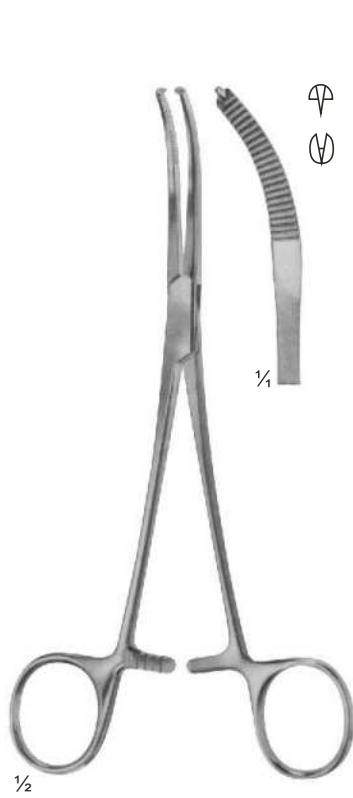
Dissecting- and Ligature Forceps



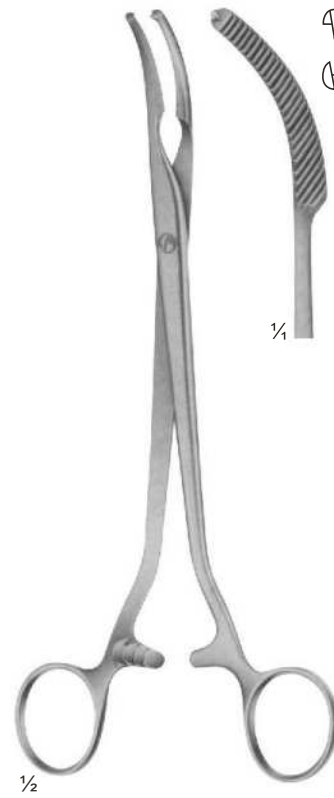
Peritoneum Forceps



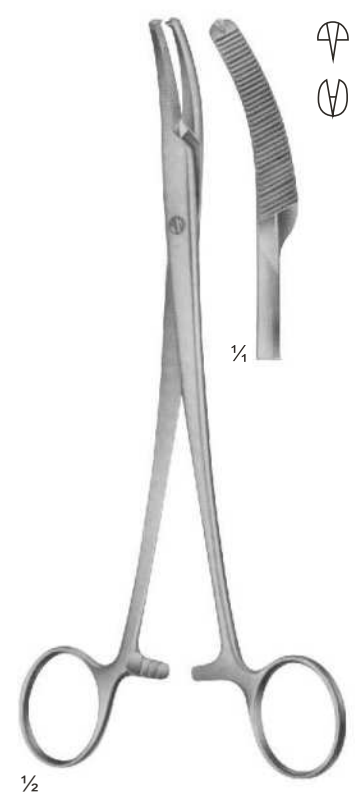
06-272
BABY-MIKULICZ
140 mm



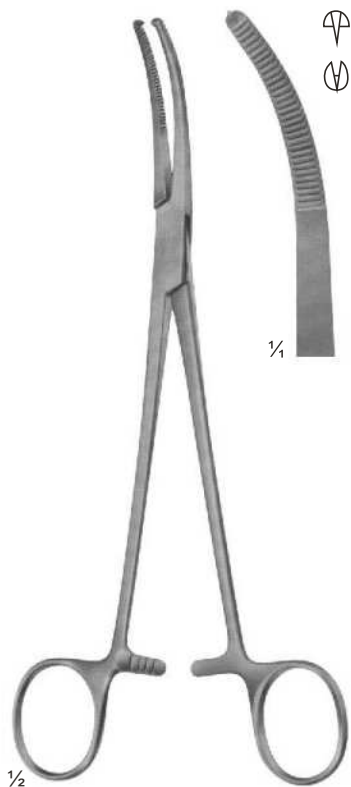
06-273
MIKULICZ
185 mm



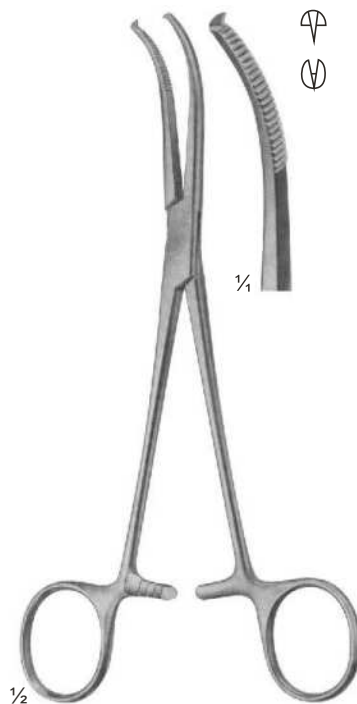
06-274
MIKULICZ
205 mm



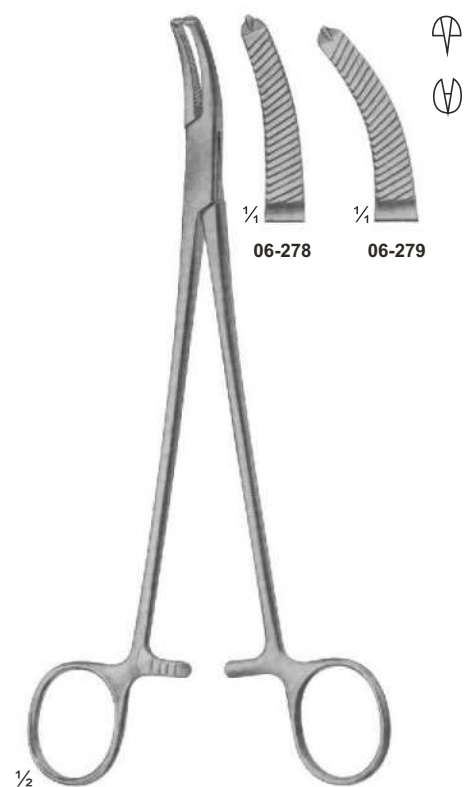
06-275
MIKULICZ
200 mm



06-276
MIKULICZ
205 mm



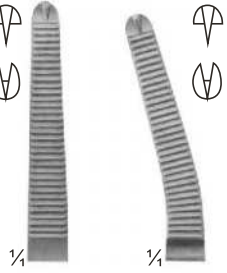
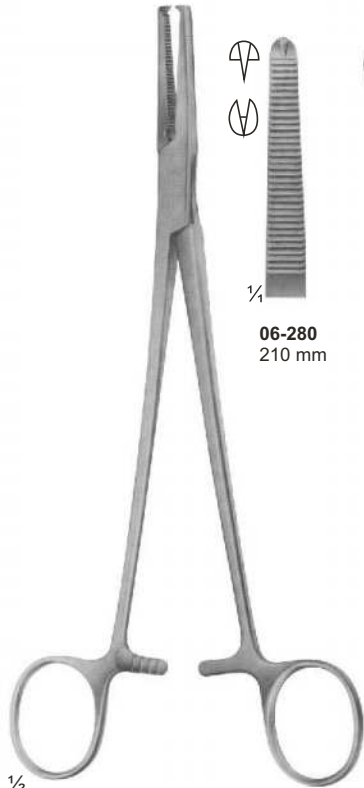
06-277
MIKULICZ
185 mm



06-278 - 279
FAURE
205 mm



Hysterectomy Forceps



06-280
210 mm

06-281
205 mm

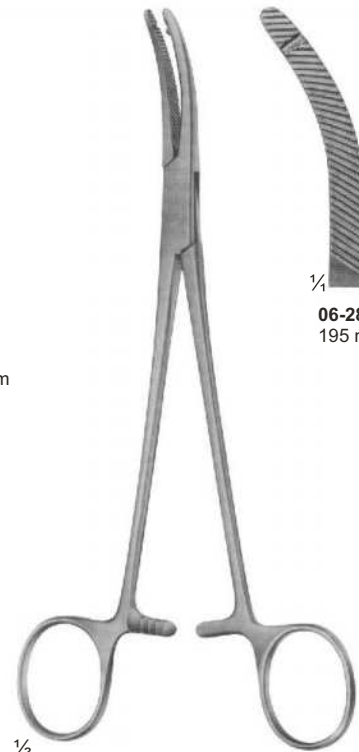
06-280 - 281
PHANEUF



06-282
205 mm

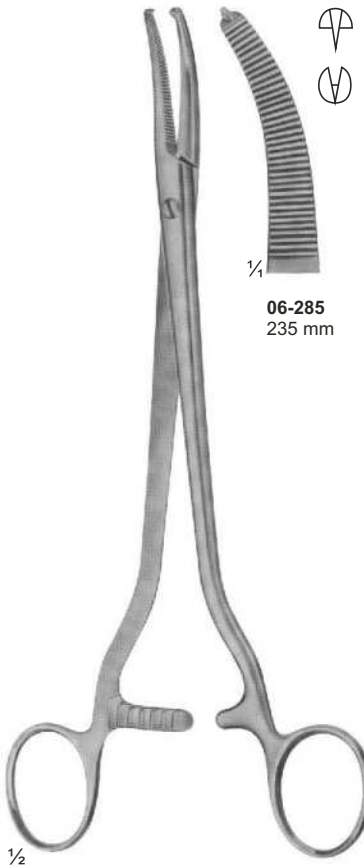
06-283
245 mm

06-282 - 283
HEANEY modif.



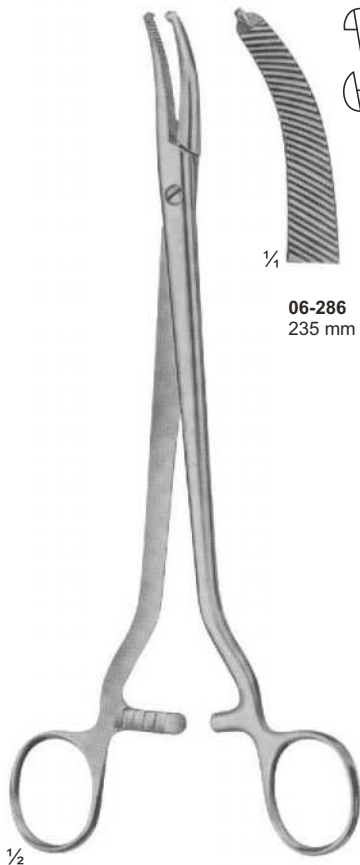
06-284
195 mm

06-284
HEANEY



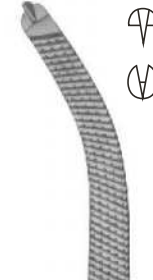
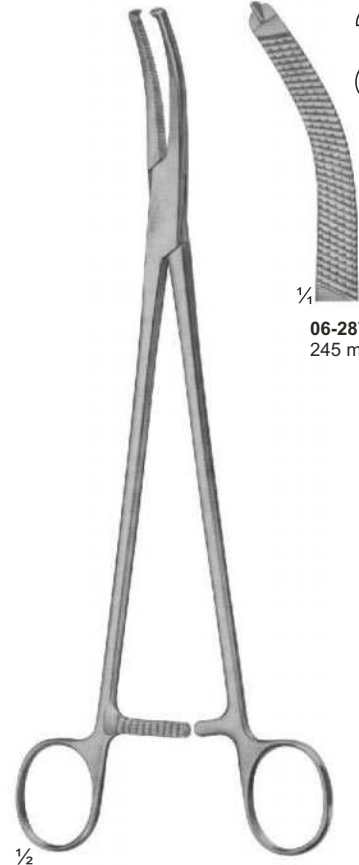
06-285
235 mm

06-285
WERTHEIM



06-286
235 mm

06-286
WERTHEIM



06-287
245 mm

06-287
WERTHEIM

Hysterectomy Forceps and Vaginal Clamps



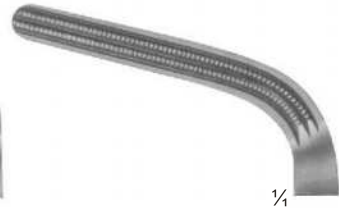
06-288
225 mm



06-289
220 mm



06-290
215 mm



06-291
205 mm



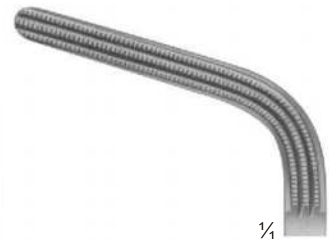
06-292
250 mm



06-293
245 mm



06-294
240 mm



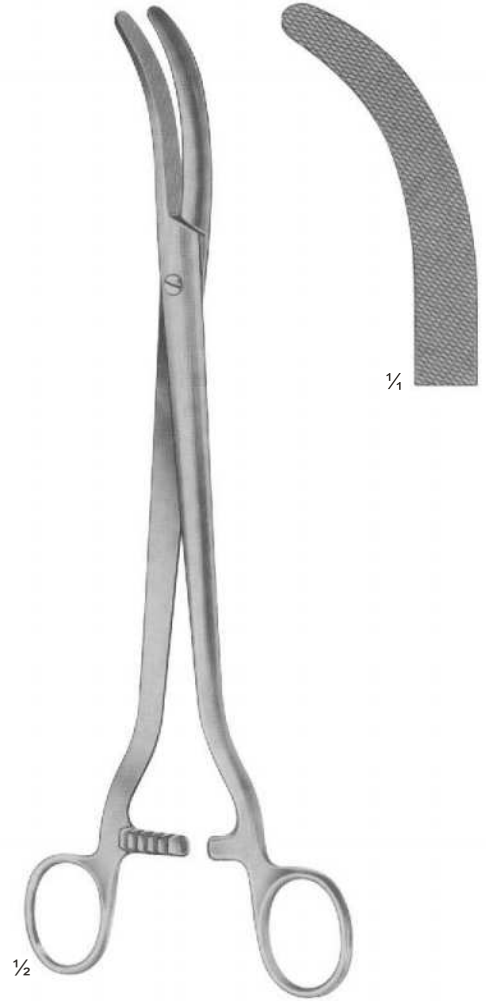
06-295
220 mm



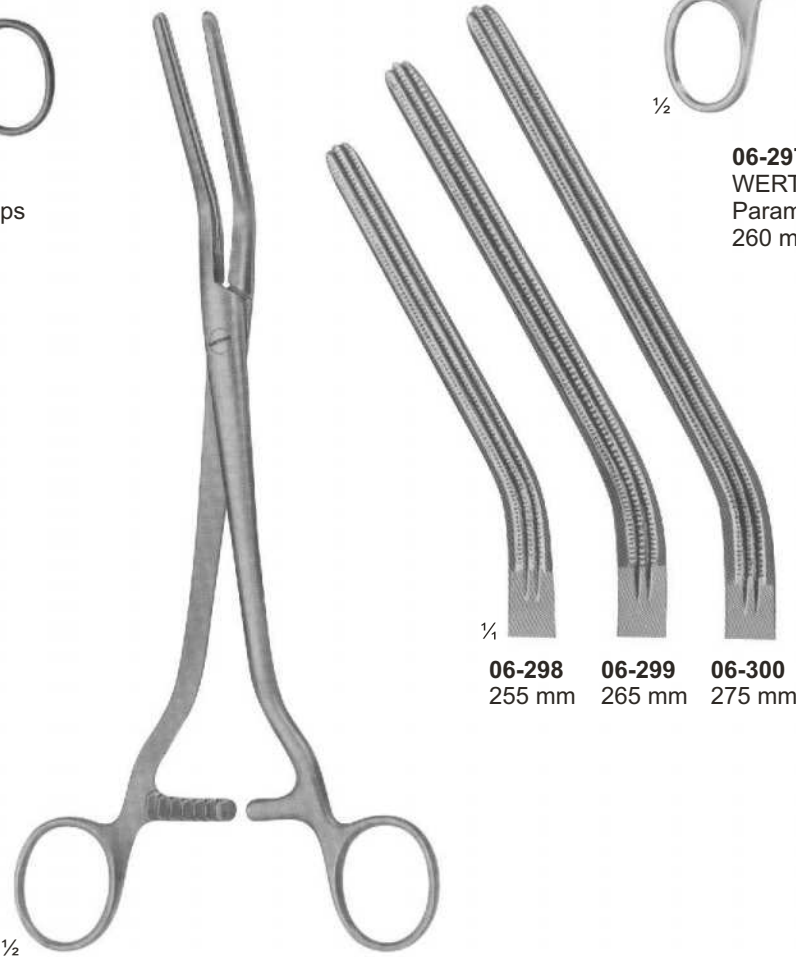
Hysterectomy Forceps and Vaginal Clamps and Compression Forceps



06-296
WERTHEIM
Hysterectomy Forceps
255 mm



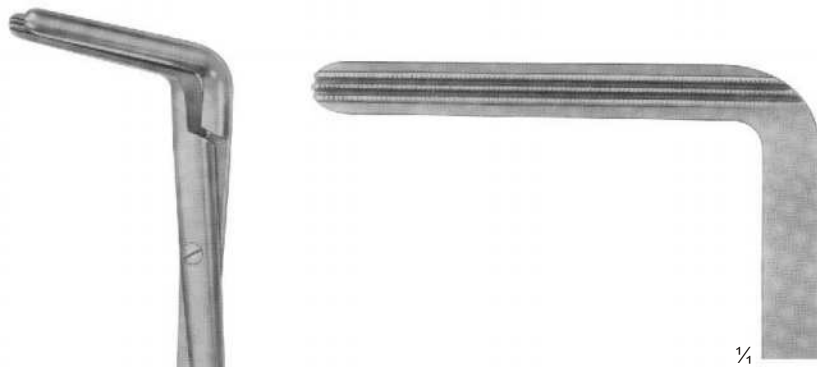
06-297
WERTHEIM
Parametrium Clamp
260 mm



06-298 - 300
DICK

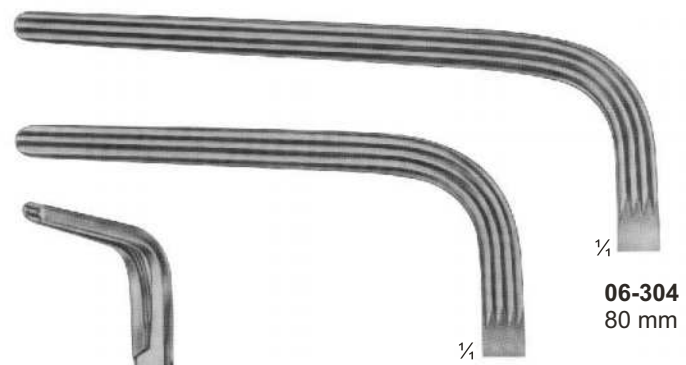
06-298 255 mm
06-299 265 mm
06-300 275 mm

Hysterectomy Forceps and Vaginal Clamps and Compression Forceps



06-301
WERTHEIM
250 mm

1/2



06-304
80 mm

06-303
60 mm

1/4

1/4



06-303 - 304
230 mm

1/2



06-302
WERTHEIM-CULLEN
215 mm

1/2



1/4



Needle Holders For Micro Surgery



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



07-109



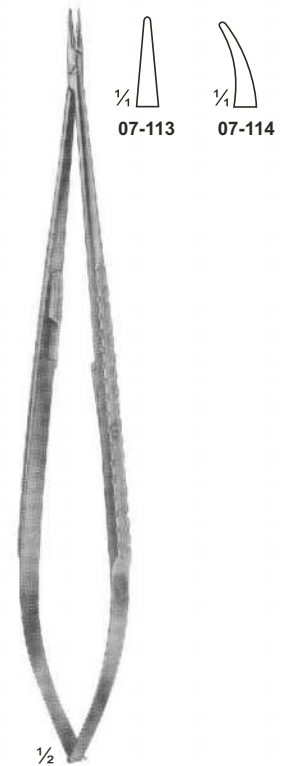
07-110 - 111
JACOBSON
185 mm

07-110
Without catch

07-111
With catch



07-112
Without catch
195 mm

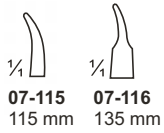


07-113 - 114
YASARGIL
With catch
200 mm

07-113

07-114

Micro Needle Holders With Round Handles

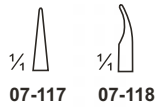


07-115
115 mm

07-116
135 mm

1/2

07-115 116
BARRAQUER
Without catch

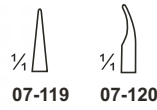


07-117

07-118

1/2

07-117 - 118
BARRAQUER
Without catch
120 mm



07-119

07-120

1/2

07-119 - 120
BARRAQUER
With catch
120 mm



07-121

07-122

1/2

07-121 - 122
BARRAQUER
With Catch
150 mm



1/4

1/2

07-123
MULLER
With Locking
Mechanism
145 mm

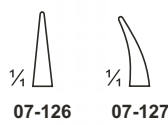


07-124

07-125

1/2

07-124 - 125
BROCK
Without catch
150 mm

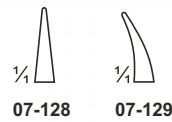


07-126

07-127

1/2

07-126 - 127
YASARGIL
200 mm



07-128

07-129

1/2

07-128 - 129
YASARGIL
225 mm



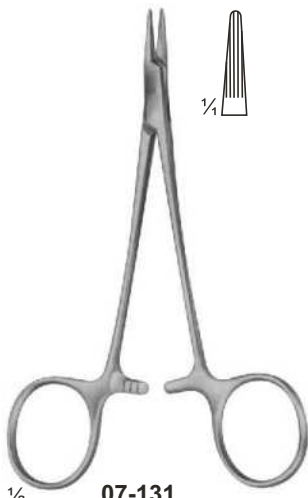
1/4

1/2

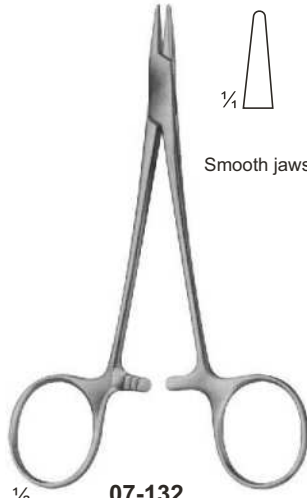
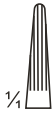
07-130
YASARGIL
245 mm



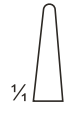
Needle Holders



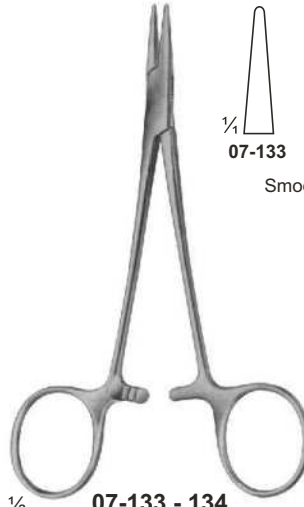
$\frac{1}{2}$ **07-131**
CONVERSE
125 mm



$\frac{1}{2}$ **07-132**
WEBSTER
125 mm



Smooth jaws



$\frac{1}{2}$ **07-133 - 134**
HALSEY
130 mm



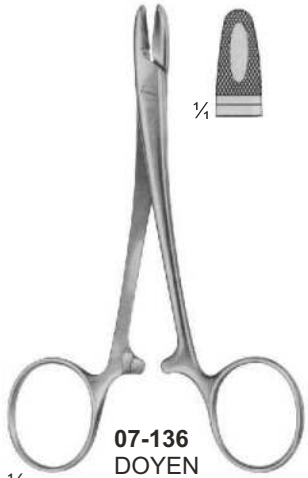
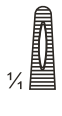
07-133

Smooth jaws



07-134

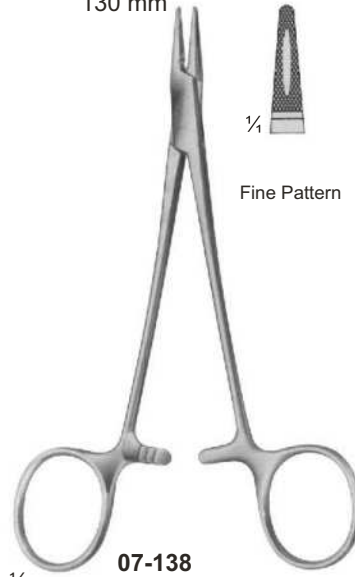
$\frac{1}{2}$ **07-135**
DERF
130 mm



$\frac{1}{2}$ **07-136**
DOYEN
125 mm



$\frac{1}{2}$ **07-137**
BAUMGARTNER
145 mm



$\frac{1}{2}$ **07-138**
CRILE-WOOD
150 mm



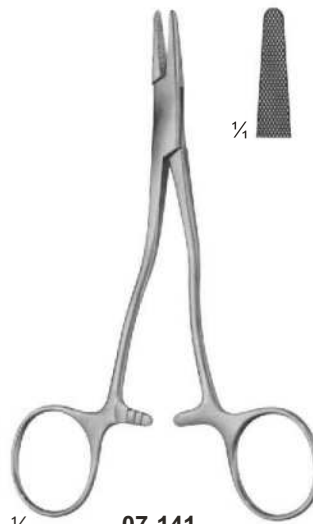
Fine Pattern



$\frac{1}{2}$ **07-139**
CRILE-WOOD
160 mm



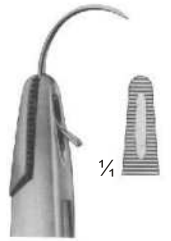
$\frac{1}{2}$ **07-140**
CRILE-MURRAY
150 mm



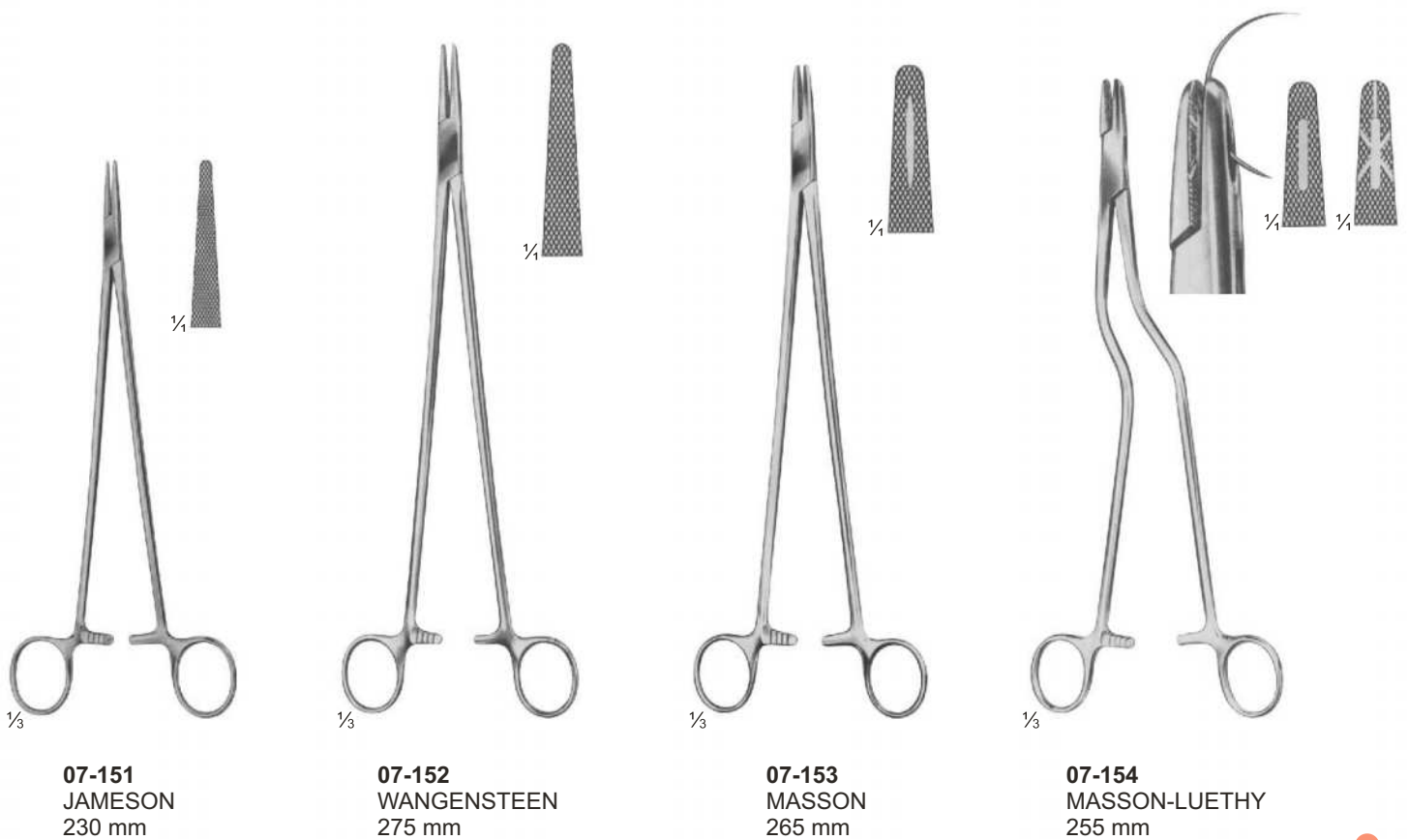
$\frac{1}{2}$ **07-141**
KILNER
135 mm



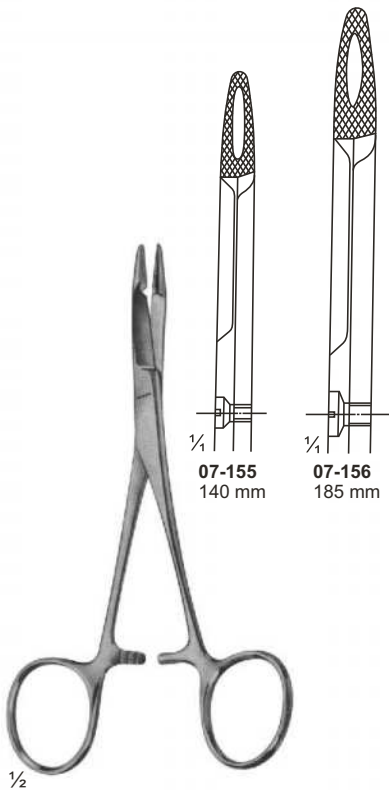
$\frac{1}{2}$ **07-142**
ADSON
175 mm



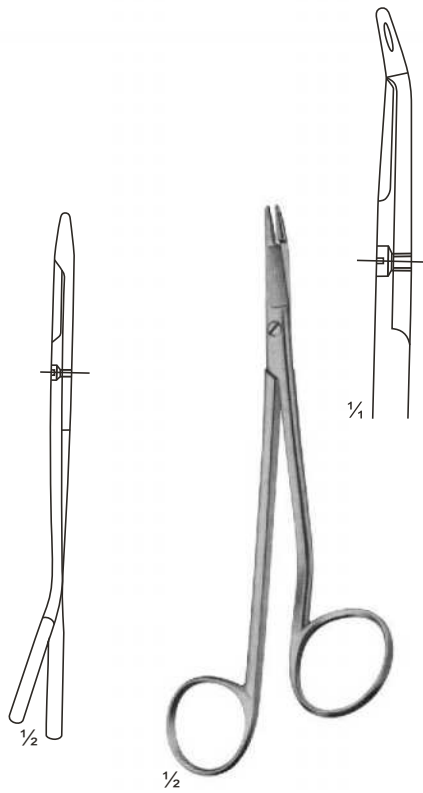
Needle Holders



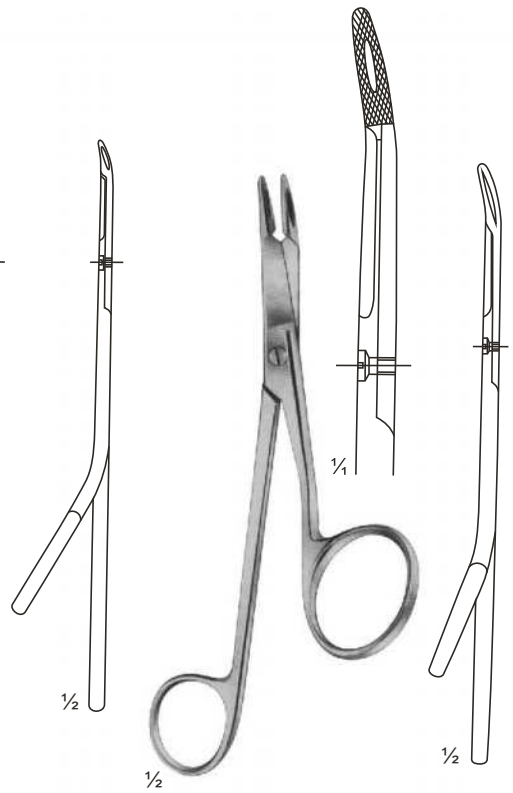
Needle Holders



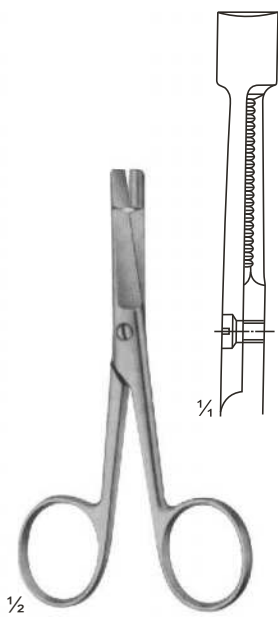
07-155 - 156
HEGAR-OLSEN
255 mm



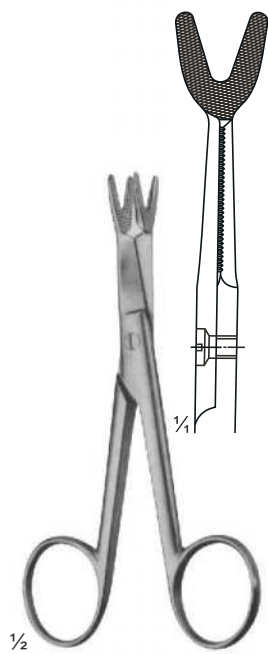
07-157
GILLIES
150 mm



07-158
GILLIES
160 mm



07-159
EISELSBERG
115 mm



07-160
SCHOEMAKER-LOTH
125 mm

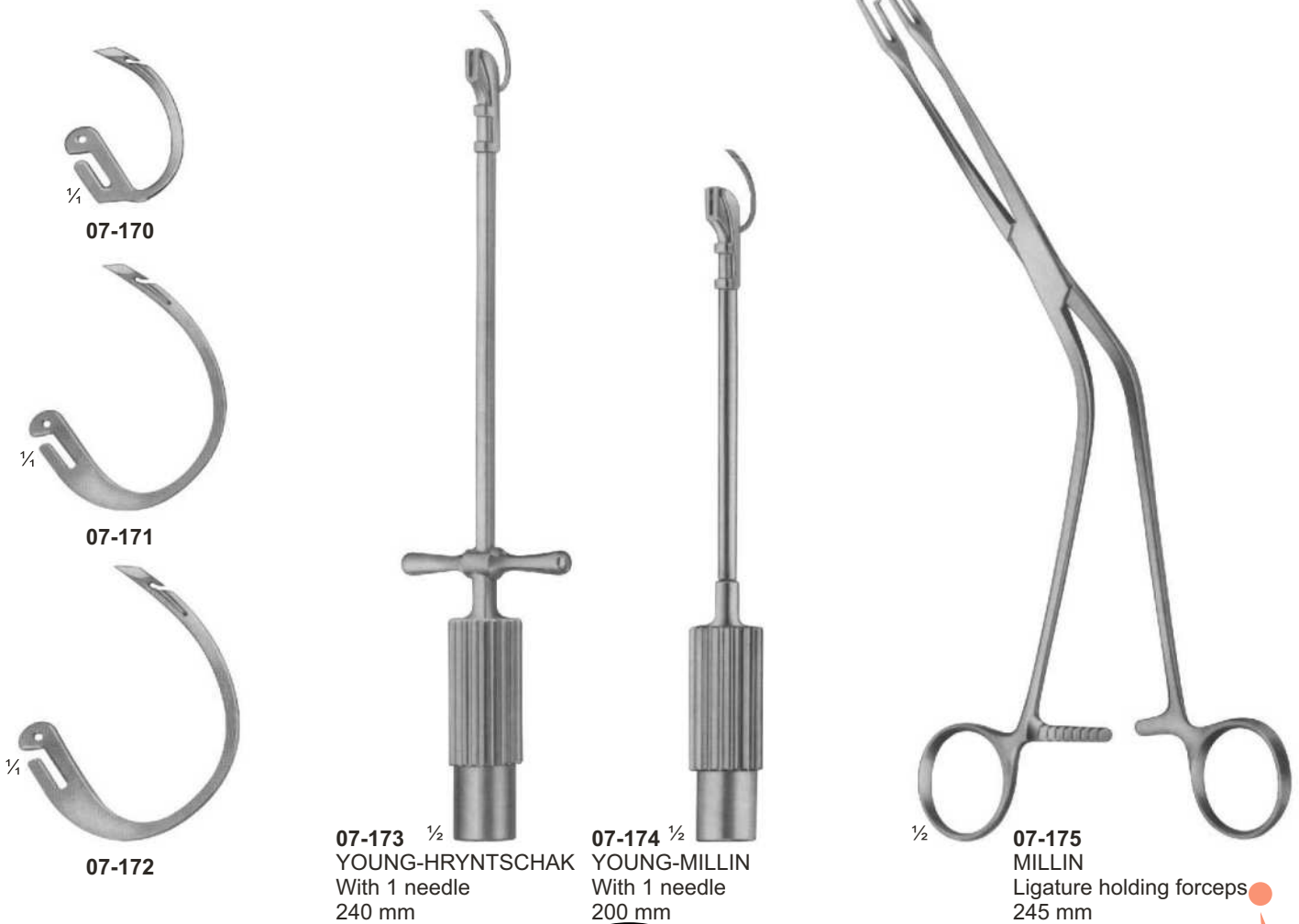
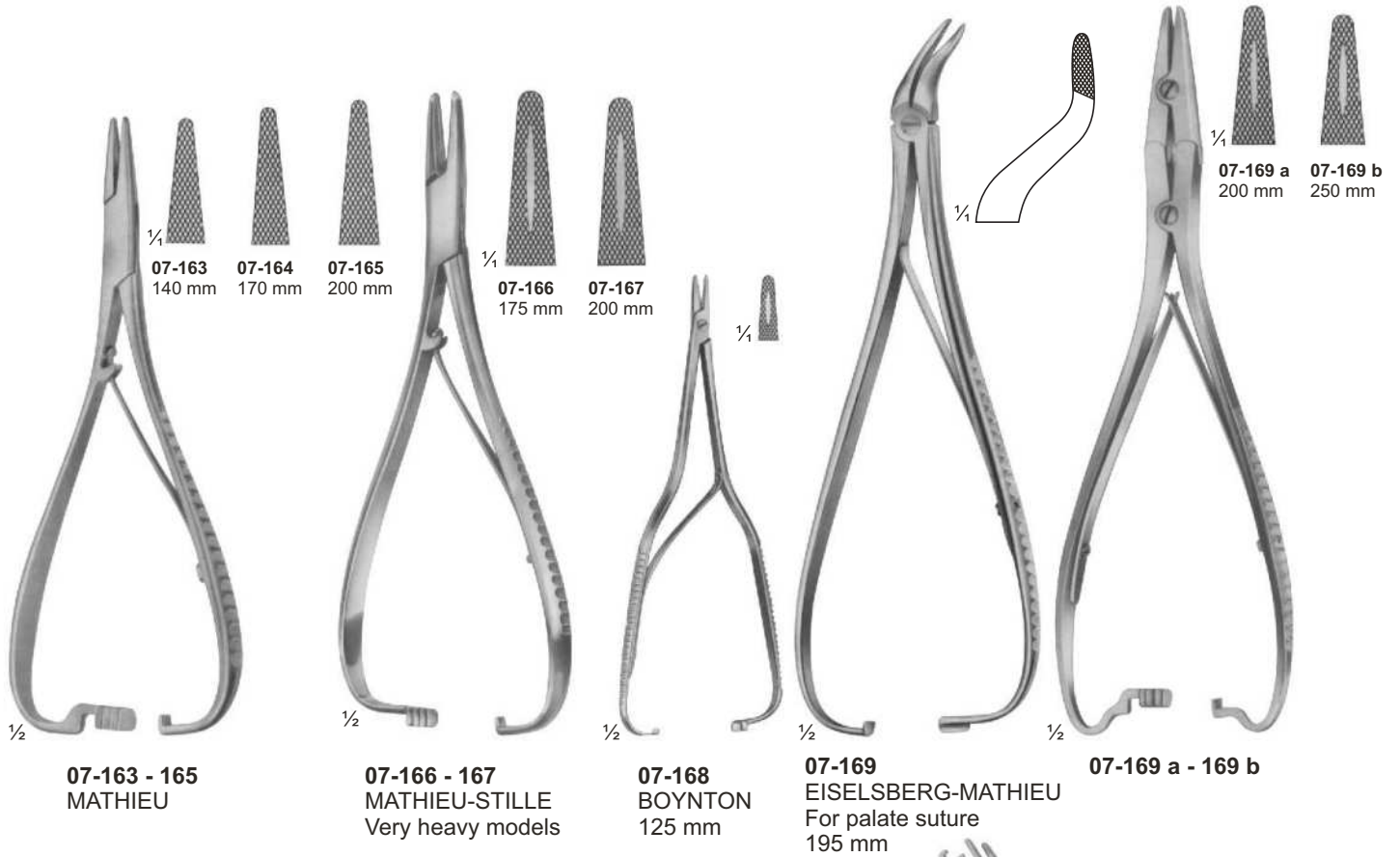


07-161
CRILE
150 mm

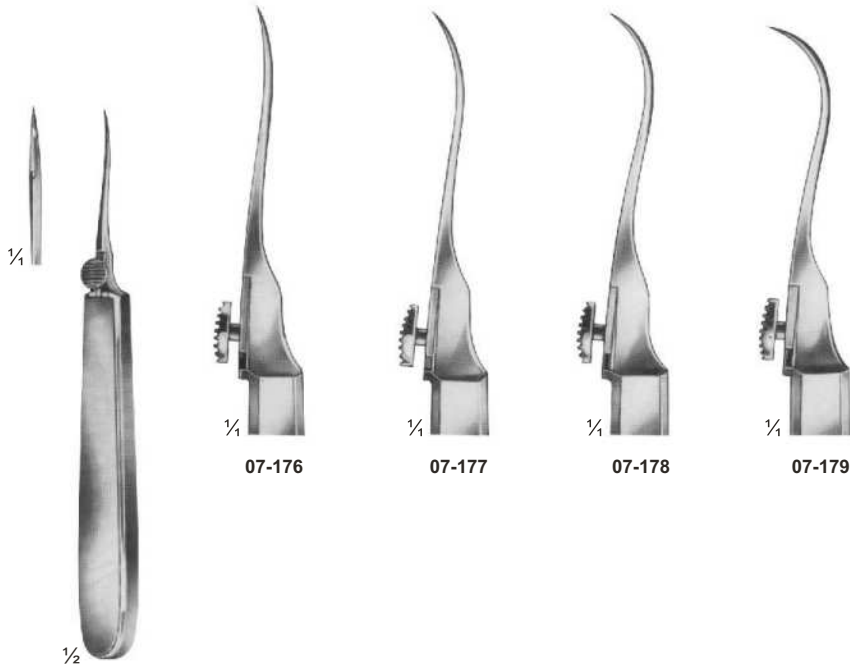


07-162
TONNIS
Elastic pattern for
dura-or intestinal suture
180 mm

Needle Holders



Suture Instruments - Reverdin Needles



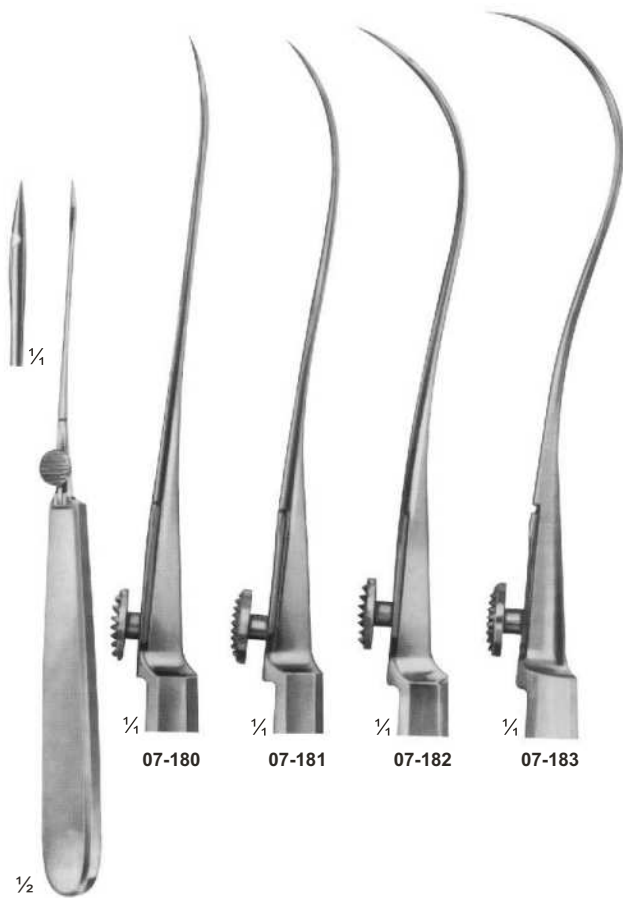
07-176

07-177

07-178

07-179

07-176 - 179
REVERDIN
140 mm



07-180

07-181

07-182

07-183

07-180 - 183
REVERDIN 195 mm



07-185

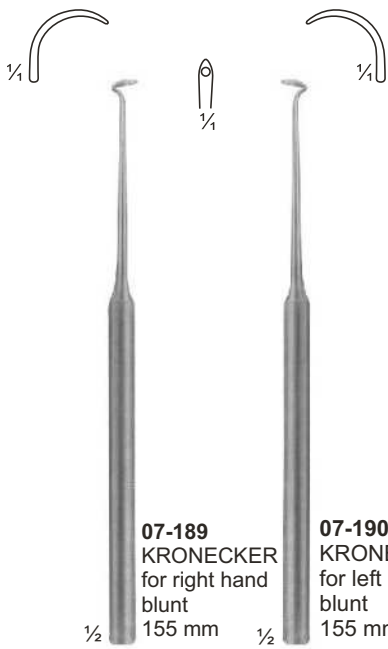
07-186

07-187

07-188

07-184 - 188
REVERDIN
220 mm

Suture Instruments - Ligature Needles



07-189
KRUNECKER
for right hand
blunt
155 mm



07-190
KRUNECKER
for left hand
blunt
155 mm



07-191
DESCHAMPS
for right hand
steep turn
225 mm



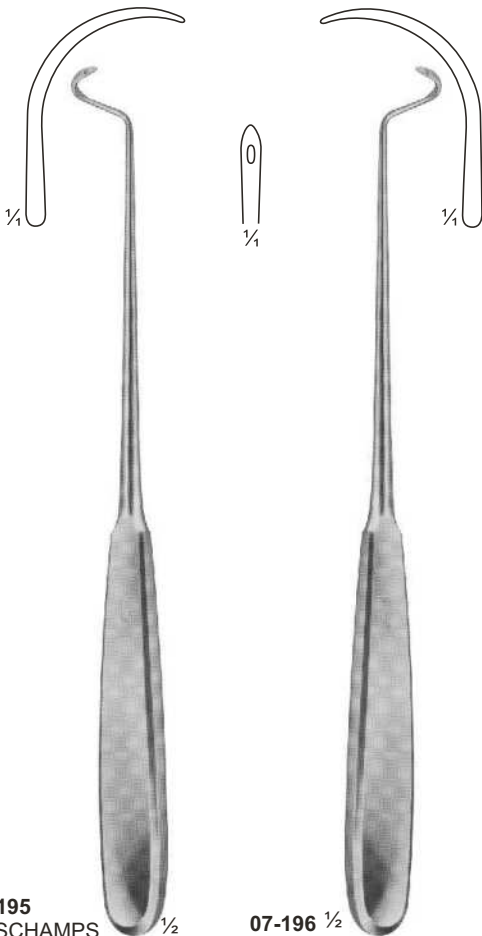
07-192
DESCHAMPS
for left hand
steep turn
225 mm



07-193
DESCHAMPS
for right hand
steep turn blunt
225 mm



07-194
DESCHAMPS
for left hand
steep turn blunt
225 mm



07-195
DESCHAMPS
for right hand
steep turn blunt
230 mm

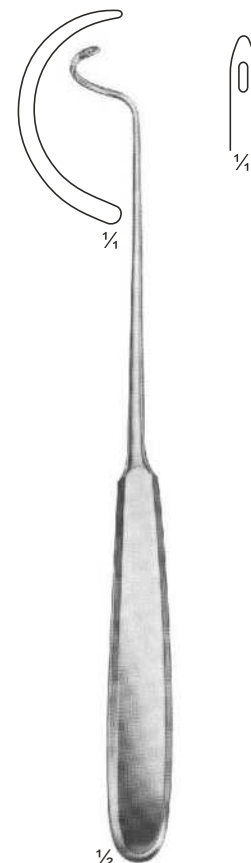
07-196
DESCHAMPS
for left hand
steep turn blunt
230 mm



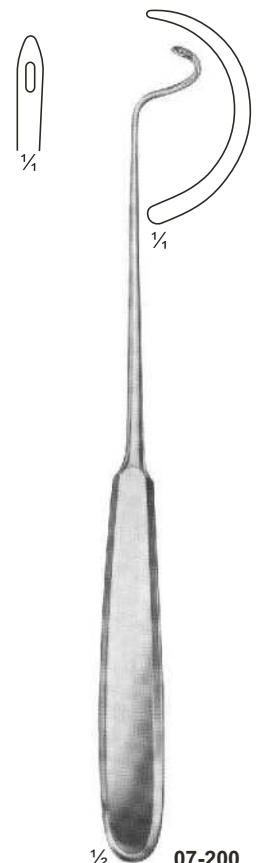
07-197
DESCHAMPS
for right hand blunt
215 mm



07-198
DESCHAMPS
for left hand blunt
215 mm



07-199
DESCHAMPS
for right hand blunt
215 mm



07-200
DESCHAMPS
for left hand blunt
215 mm

Suture Instruments - Ligature Needles



07-201
HURD
for right hand
sharp
210 mm



07-202
HURD
for left hand
sharp
210 mm



07-203
DESCHAMPS
for right hand
sharp
215 mm



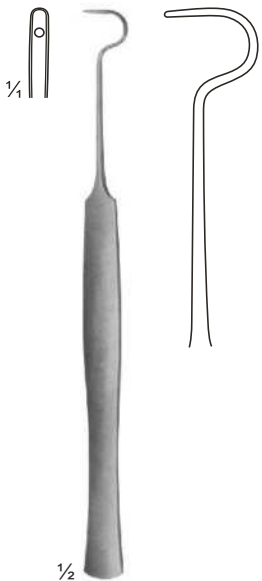
07-204
DESCHAMPS
for left hand
sharp
215 mm



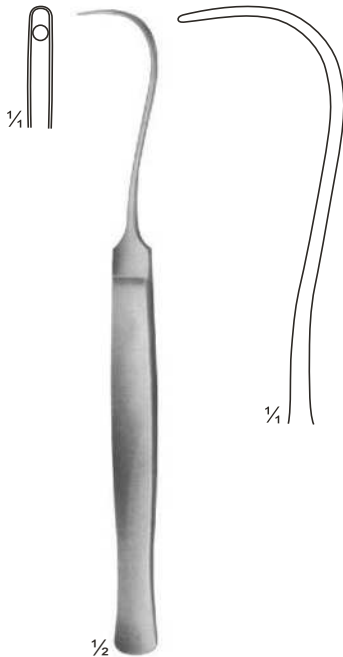
07-205
JONESCO
Needle for wire suture
185 mm



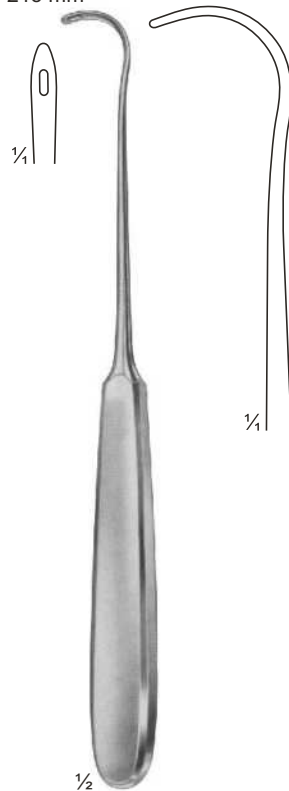
07-206
CLAUS VAN EICKEN
Needle for wire suture
250 mm



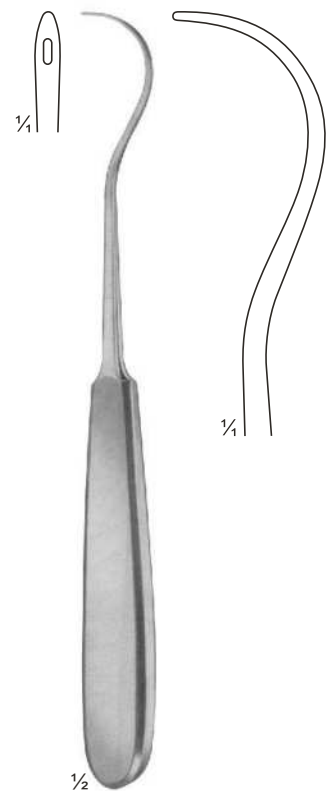
07-207
150 mm



07-208
SYME
170 mm

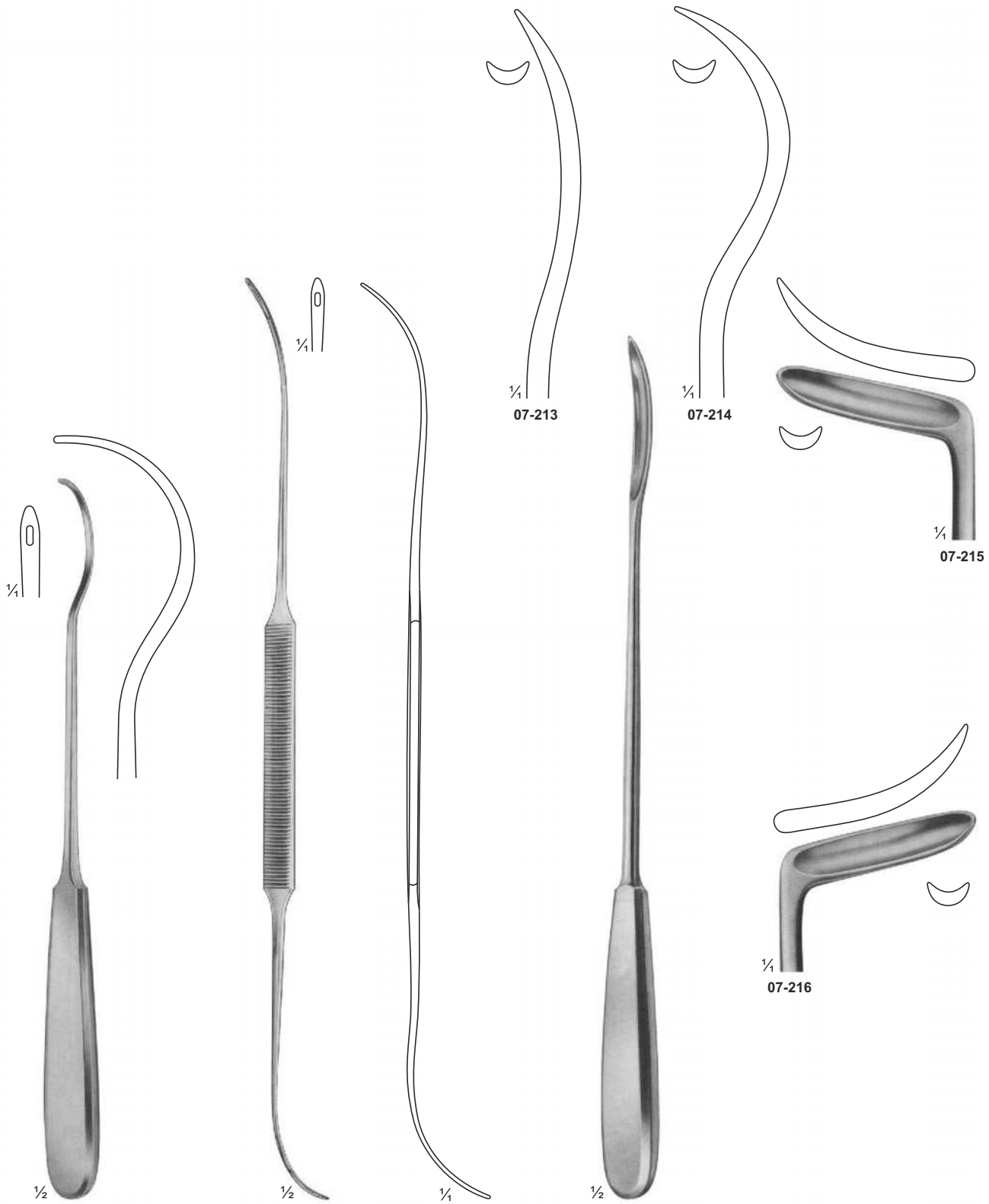


07-209
COOPER
205 mm



07-210
KOCHER
205 mm

Ligature Needles



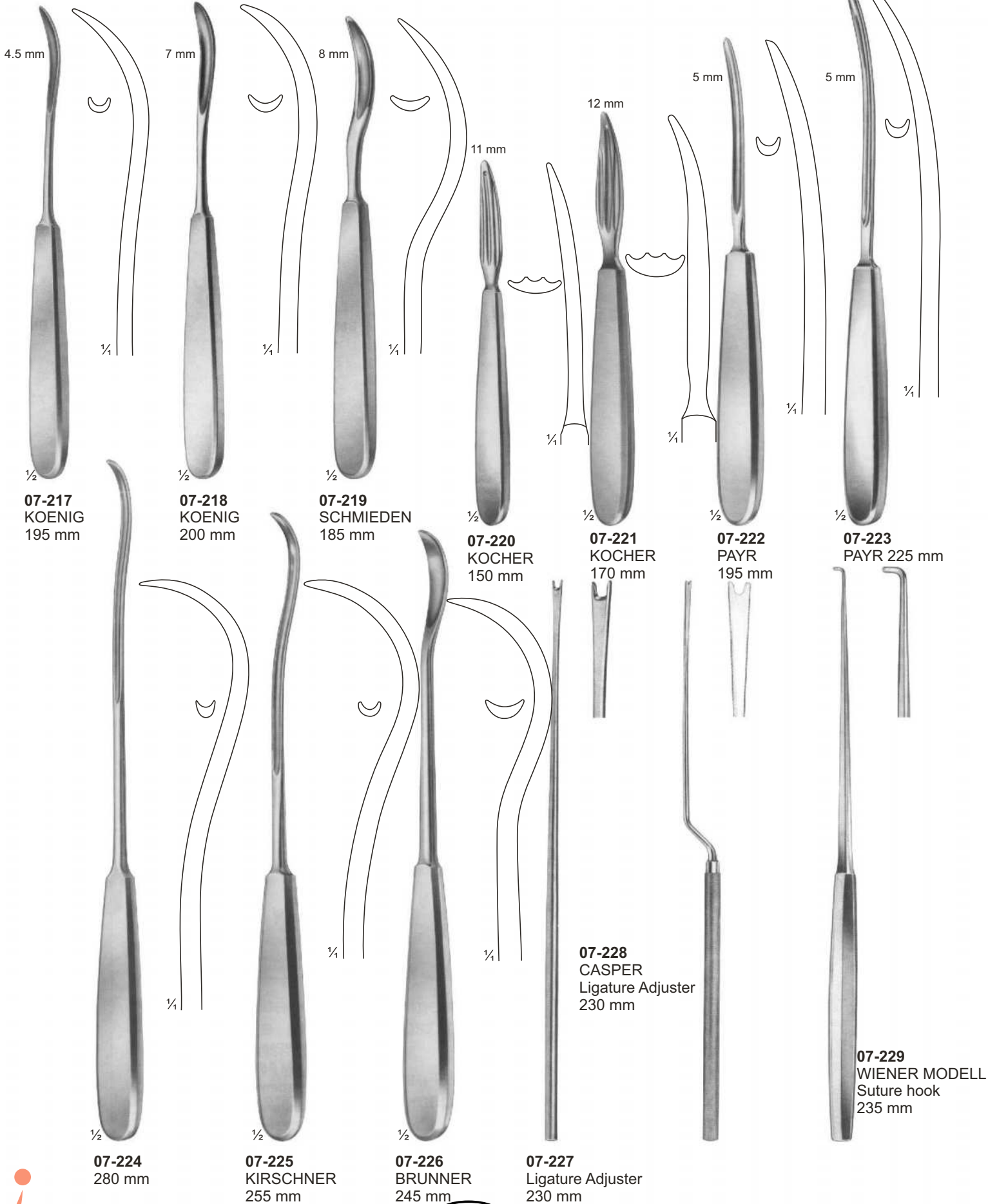
**07-211
BRUNNER
240 mm**

**07-212
SCHMIEDEN-DICK
320 mm**

**07-213 - 216
BRUNNER
Guiding Probes
300 mm**



Guiding Probes



Probes



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

1/2

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



1,5 mm

1/2

07-245
Myrtle leaf probe
145 mm



2,0 mm

1/2

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
250 mm, 300 mm



1/4

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



1/3

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



Probes



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

1/2

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



1,5 mm

1/2

07-245
Myrtle leaf probe
145 mm



2,0 mm

1/2

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
250 mm, 300 mm



1/4

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



1/3

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

Probes - Spatulas - Cotton Applicators



07-258
STACKE
100 mm



07-259
KILLIAN
165 mm



07-260
160 mm



07-261
SEIFFERT
180 mm



German Silver

07-262
BOWMAN
130 mm



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

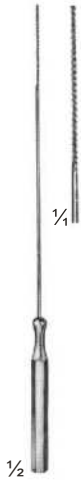


07-267
FARRELL
Round Serrated end
110 mm

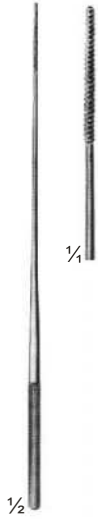


07-268
LATHBURY-FARREL
Triangular Serrated end
110 mm

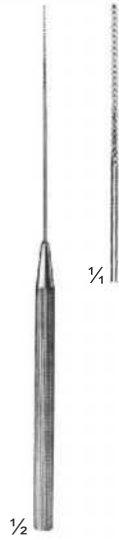
Cotton Applicators



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

Clip Applying Forceps - Suture Set



07-282
MICHEL
125 mm



07-283
HEGENBARTH
120 mm



07-284
WACHENFELDT
120 mm



07-285
WACHENFELDT
120 mm



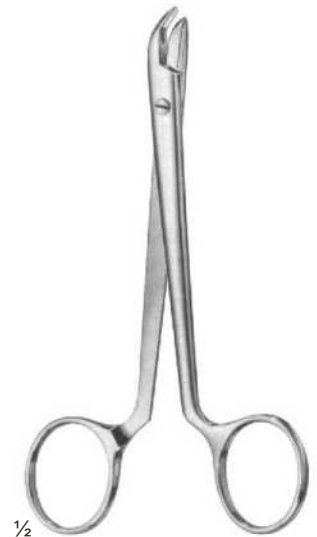
07-286
MICHEL
125 mm



07-287
MICHEL modif.
130 mm



07-288
HEATH
135 mm



07-289
COLLIN
135 mm



Clip Applying Forceps - Suture Set



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

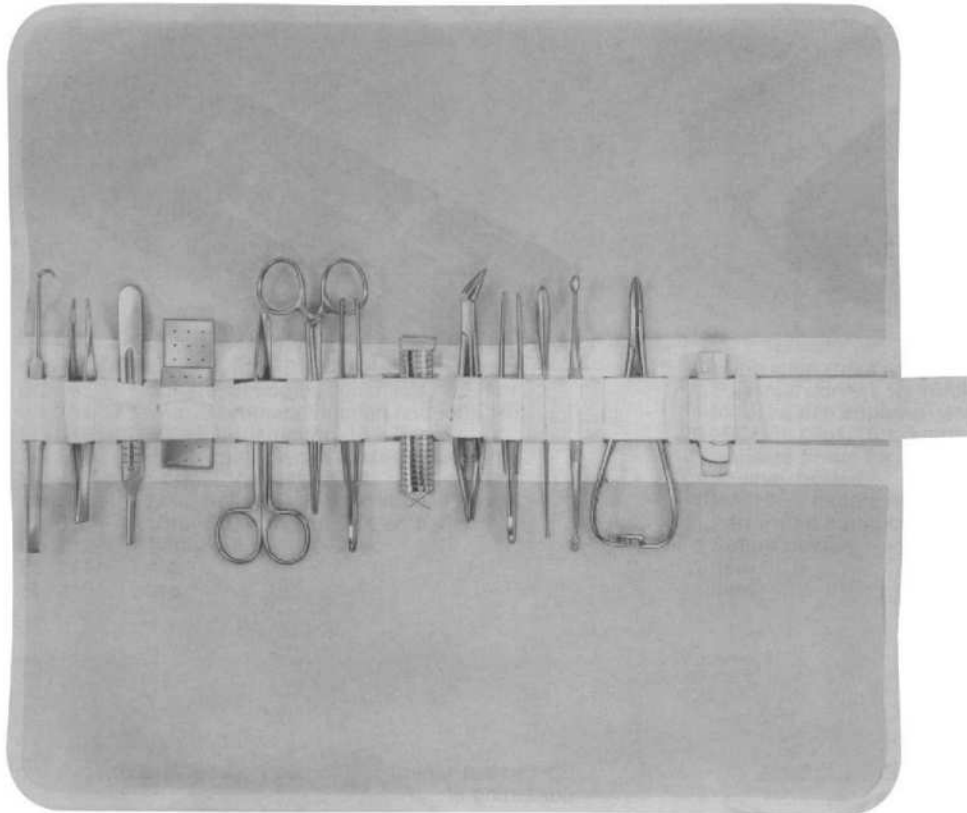
1 MAYO-HEGER needle holder, 150mm
1 MICHEL clip forceps, combined
1 Myrtle leaf probe, 130mm
1 Sharp double curette
1 Skin hook
1 Detachable scalpel handle, no. 4
1 Perforated metal case, consisting
6 Scalpel blades BB 520
1 Perforated metal case, stainless, consisting:
1 Suture needle

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



Clip Applying Forceps - Suture Set



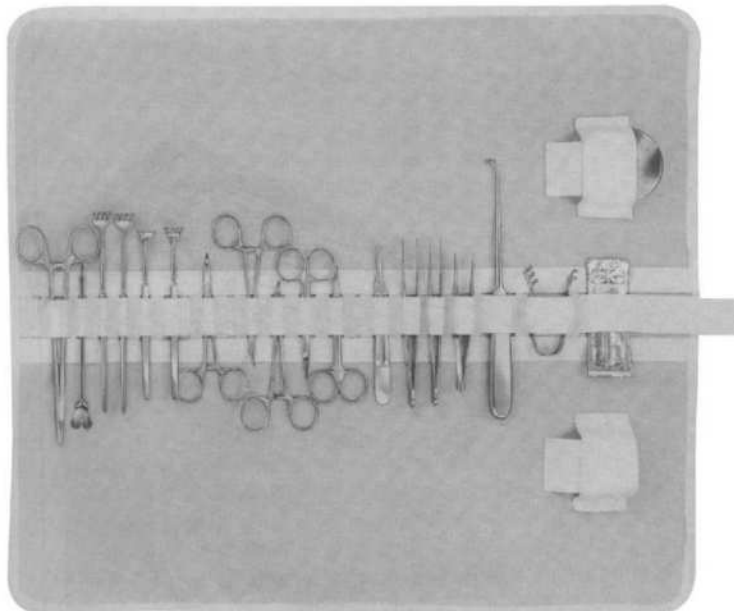
07-293

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:

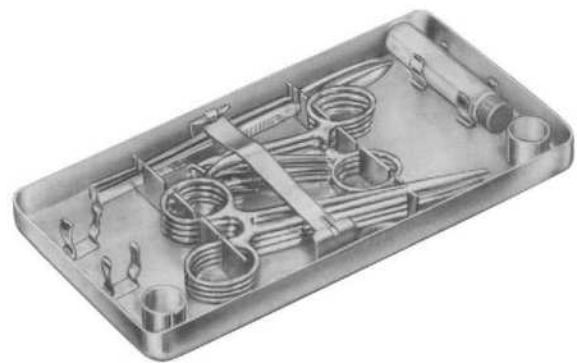
- 1 Tissue forceps, 1 x 2 teeth, 140mm
- 1 Dissecting forceps, 145mm
- 1 FEILCHENFELD straight scissors, sharp, 110mm
- 1 curved scissors, blunt, 115mm
- 1 HALSTED mosquito forceps, curved on flat, 125mm

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



Clip Applying Forceps - Suture Set



07-295

Venae sectio set, in metal case
consisting of:

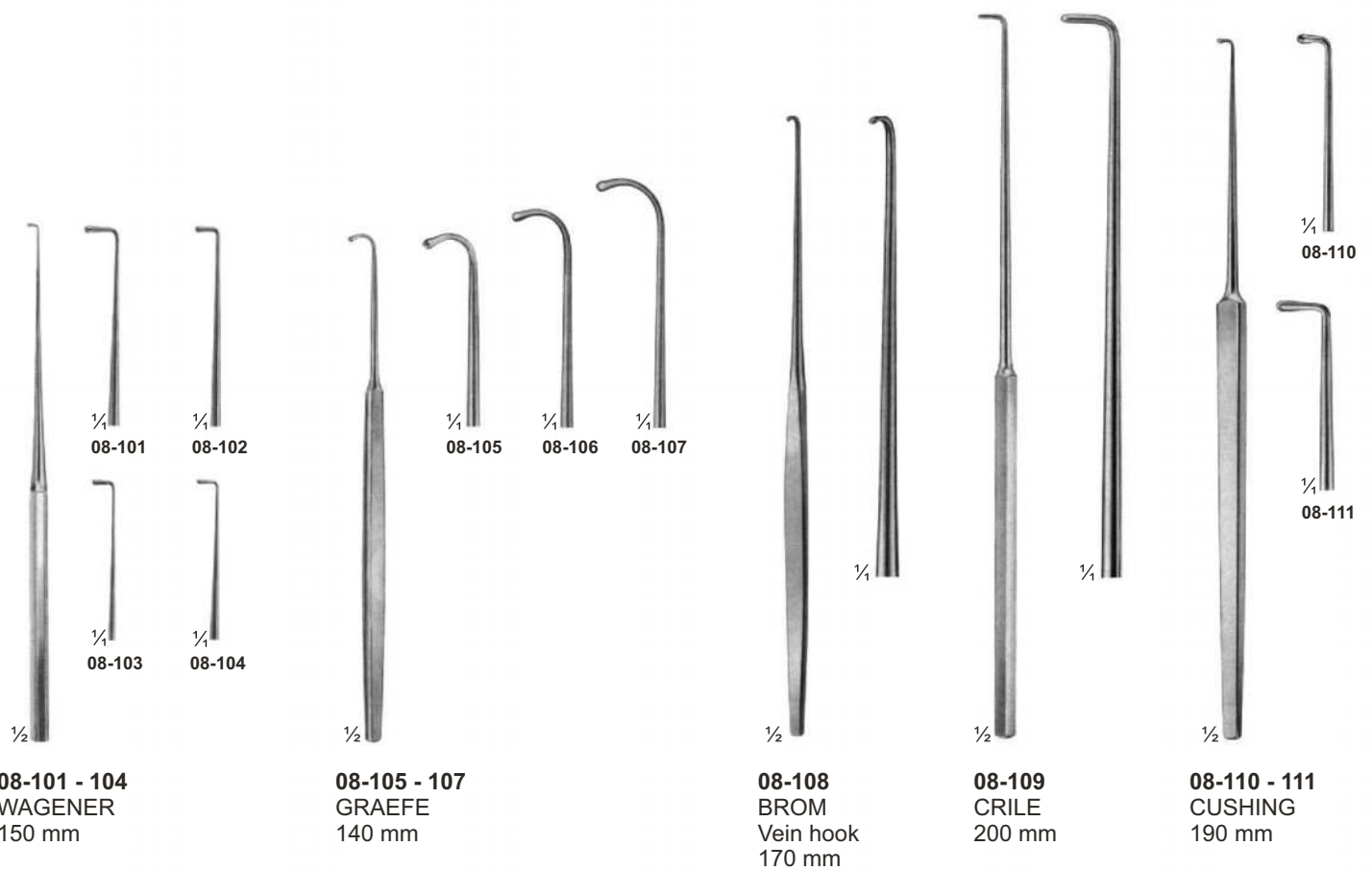
Bottom tray

- 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

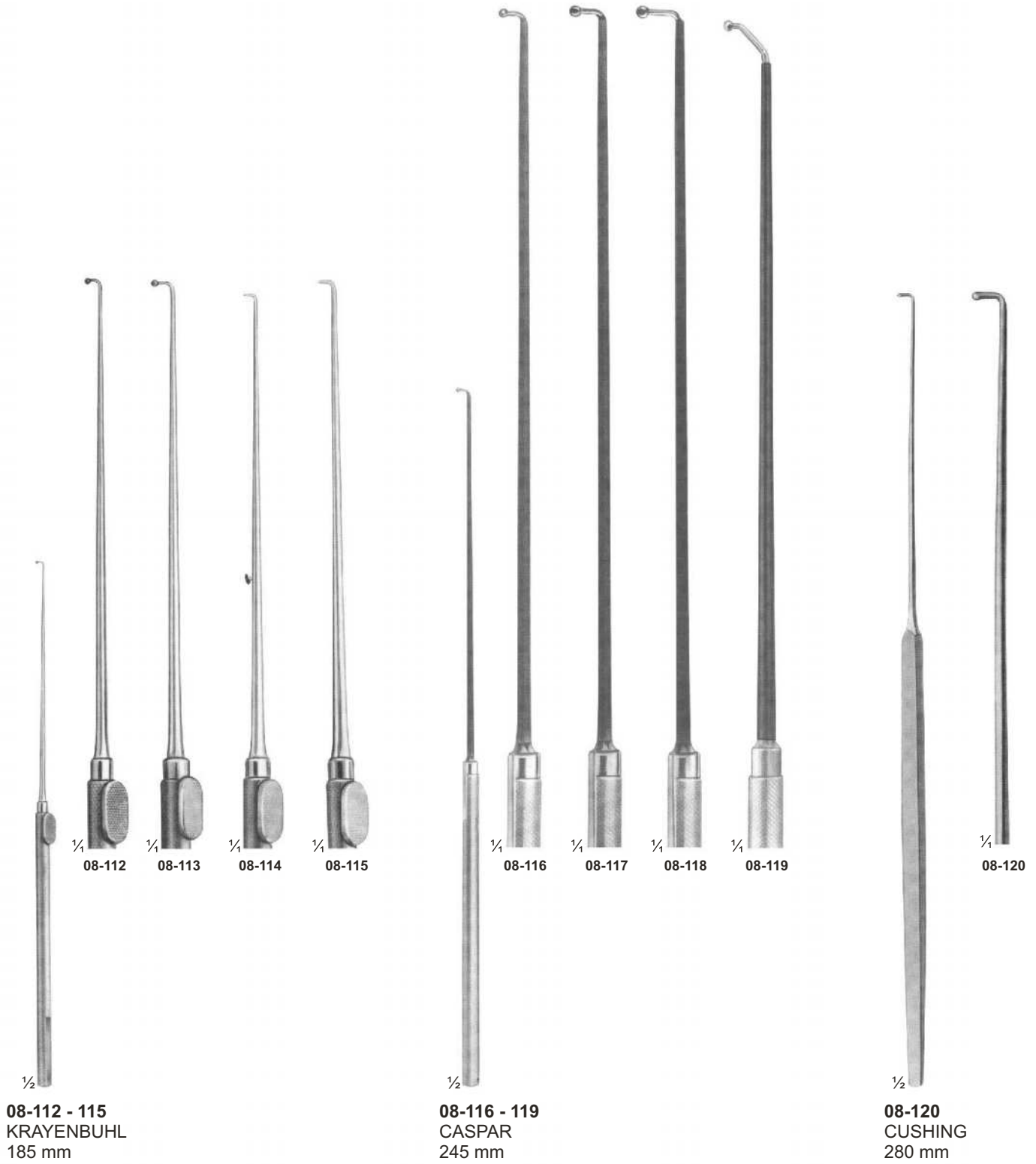
Top tray

- 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

Nerve - and Vessel Hooks



Nerve - and Vessel Hooks

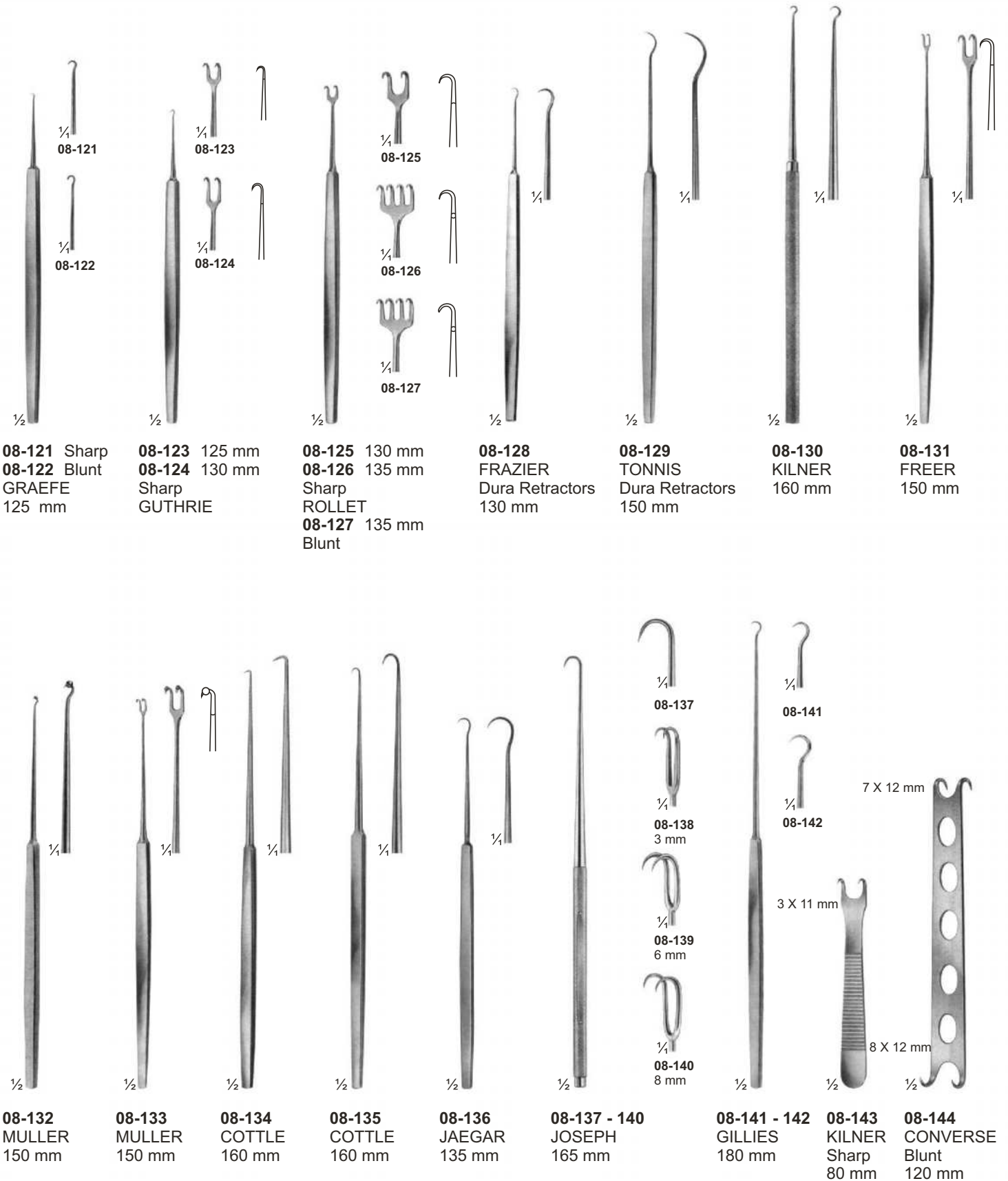


**08-112 - 115
KRAYENBUHL
185 mm**

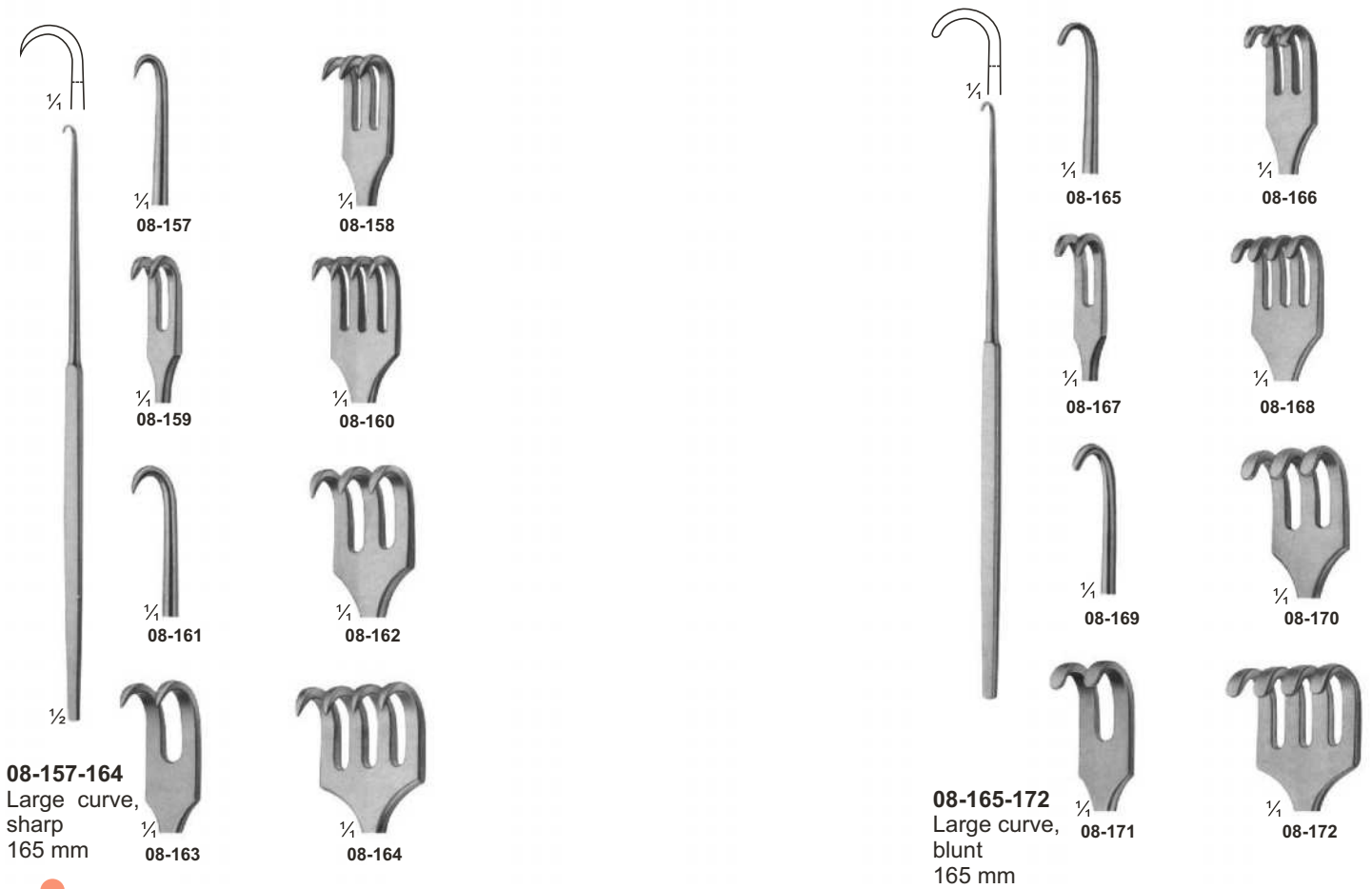
**08-116 - 119
CASPAR
245 mm**

**08-120
CUSHING
280 mm**

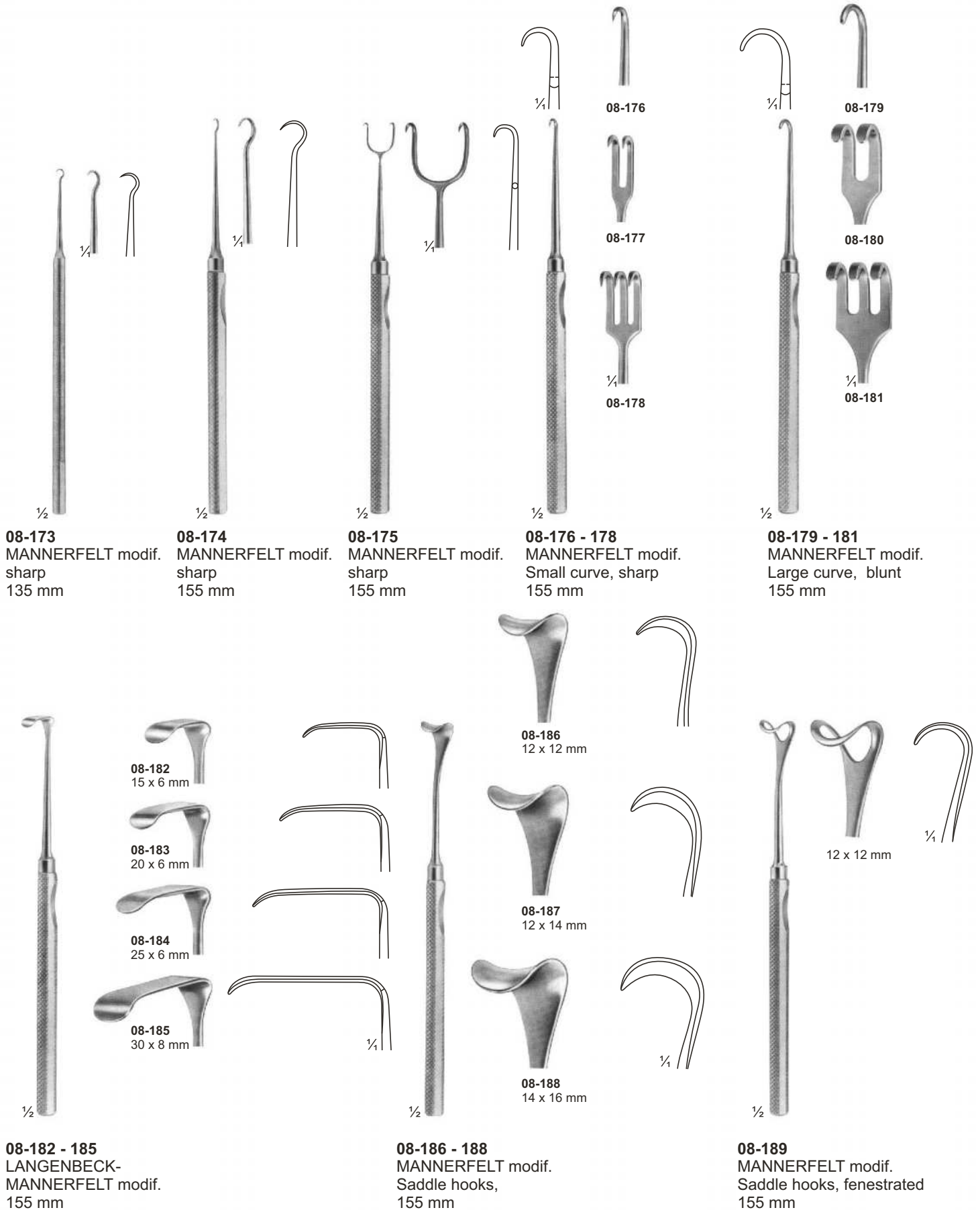
Fine Wound Retractors (Dura- and Skin Retractors)



Wound - Trachea Retractors



Retractors With Treangle Handle



Retractors



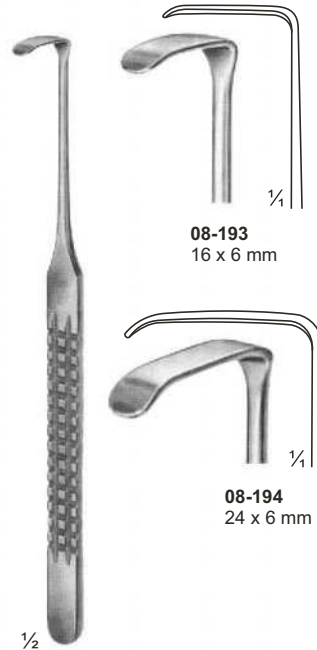
**08-190
FOMON**
145 mm



08-191 - 192
160 mm



08-192

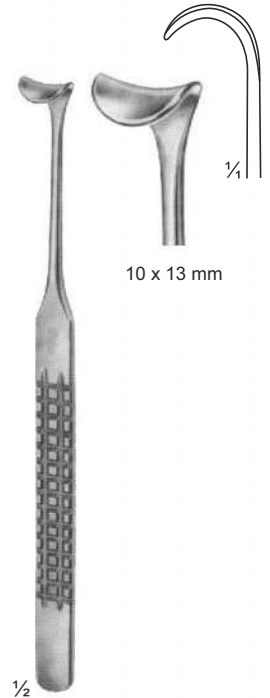


08-193 - 194
LANGENBECK-GREEN

08-193
16 x 6 mm



08-194
24 x 6 mm

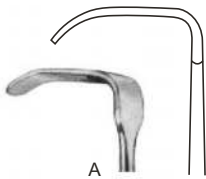


08-195
160 mm

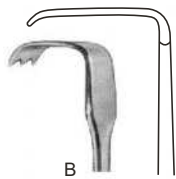
10 x 13 mm



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



08-196
18 x 7 mm



08-197
16 x 5 mm



08-198
7 x 4 mm



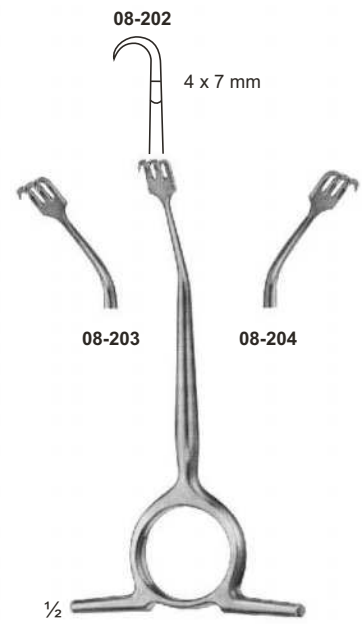
08-199
5 x 10 mm



08-200
11 x 4 mm



08-201
6 x 4 mm



08-202 - 204
WILLIGER
120 mm

08-202

4 x 7 mm

08-203

08-204

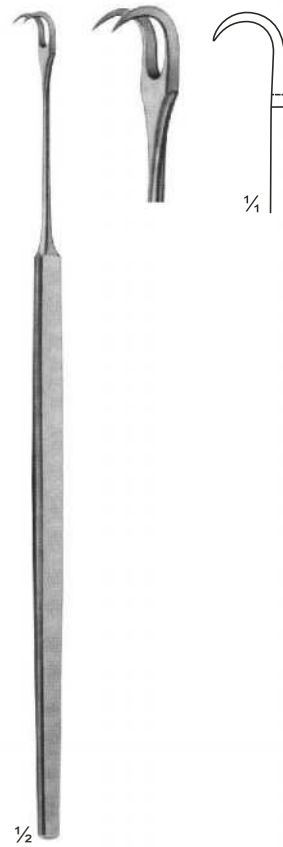
Retractors



08-205
EMMET
Fistula hook
220 mm



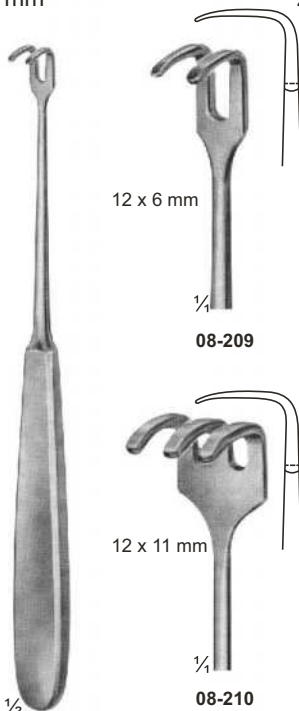
08-206
SIMON
Fistula hook
220 mm



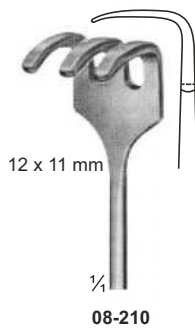
08-207
SIMON
Fistula hook
220 mm



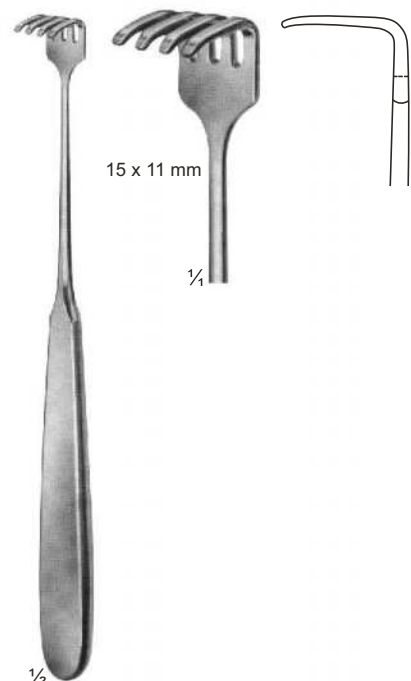
08-208
LANGE
Fistula hook
230 mm



08-209 - 210
Tendon hooks
175 mm



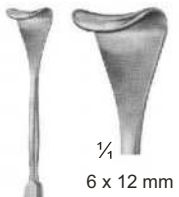
08-210



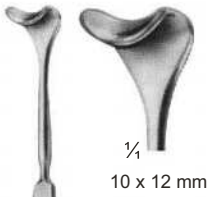
08-211
KLAPP
Tendon hooks
175 mm



Retractors



08-212
MASING
140 mm



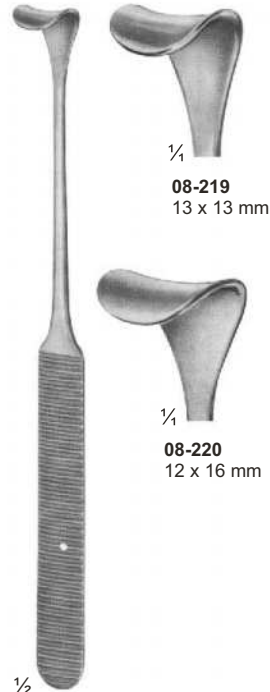
08-213
COTTLE
140 mm



08-214 - 218
DESMARRES
140 mm



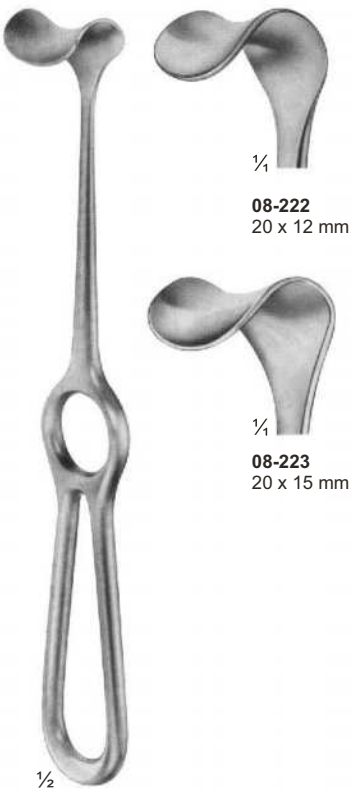
08-217
12 x 16 mm



08-219 - 220
KONIG
180 mm



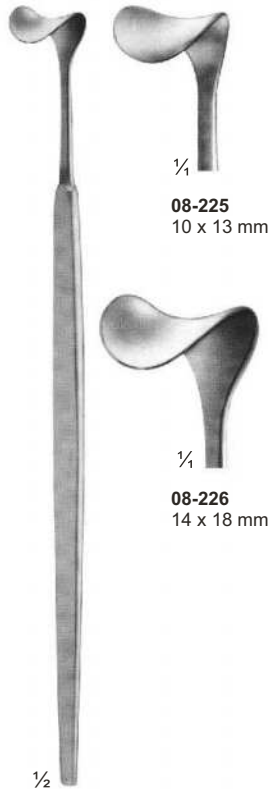
08-221
CUSHING-KOCHER
175 mm



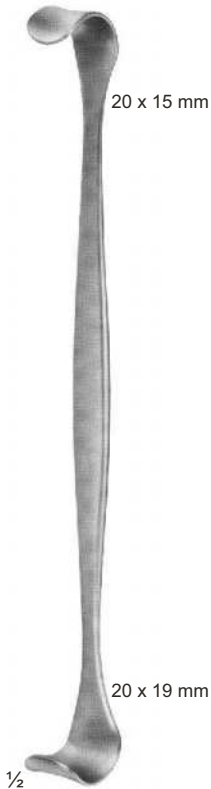
08-222 - 223
KOCHER
205 mm



08-224
SCHOENBORN
200 mm



08-225 - 226
CUSHING
205 mm



08-227
205 mm



08-228 - 230
CUSHING
250 mm



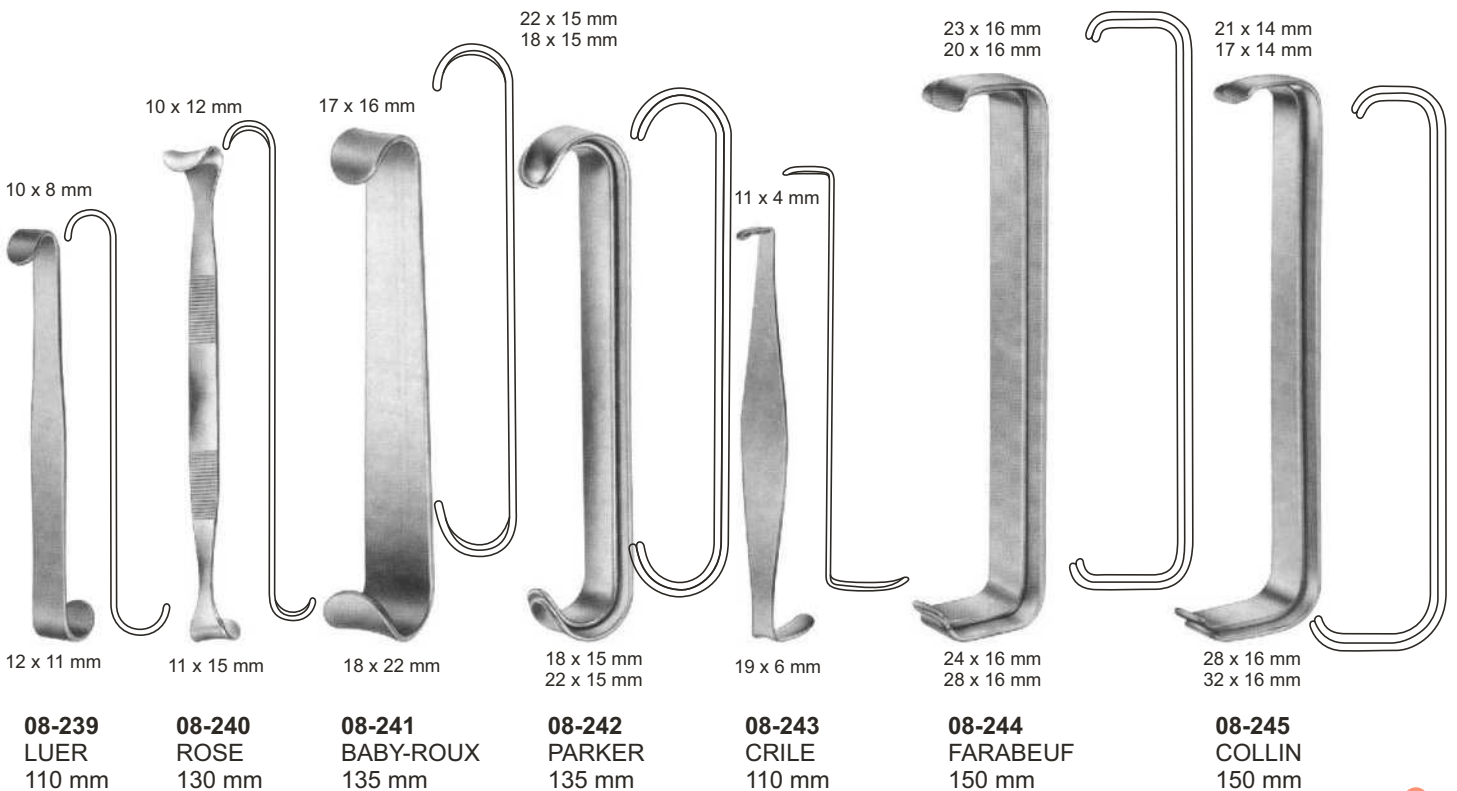
08-228
11 x 14 mm



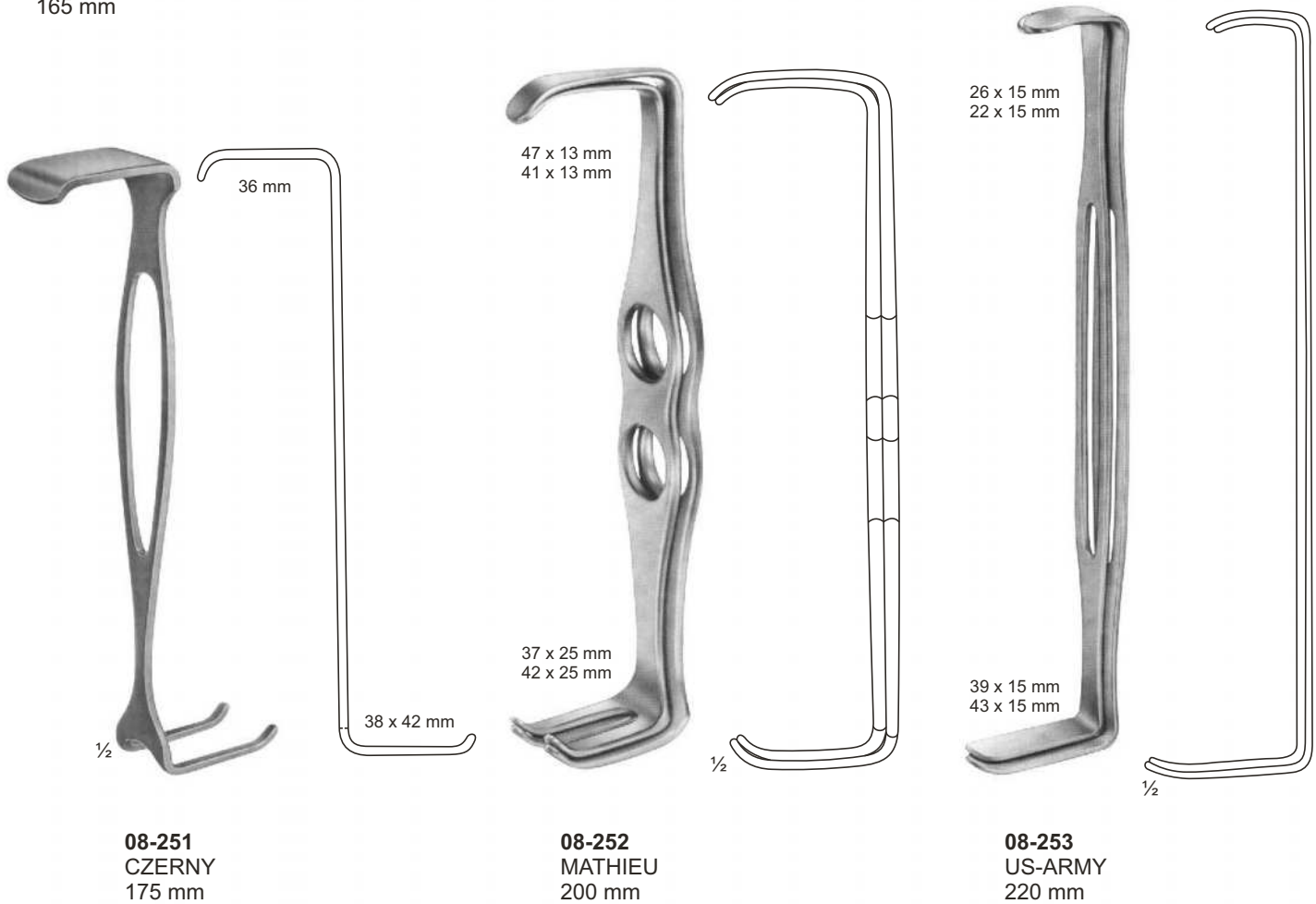
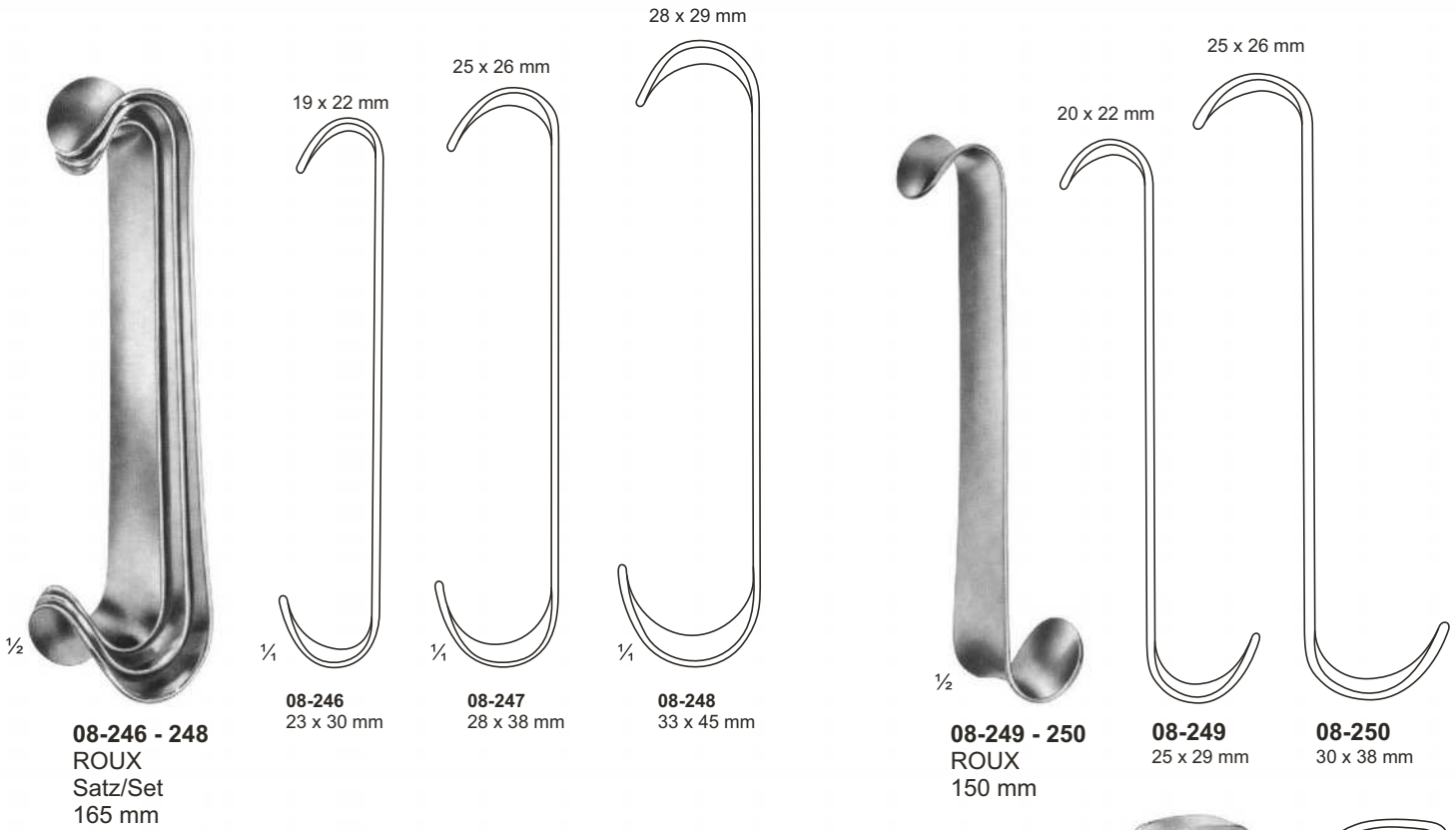
08-229
13 x 18 mm

08-230
15 x 22 mm

Retractors



Retractors



Bone Retractors and Retractors



08-254
KOCHER
Sharp
205 mm



08-255
KOCHER
Sharp
220 mm



08-256
KOCHER
Blunt
220 mm



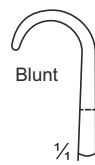
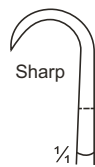
08-257
VOLKMANN
Sharp
220 mm



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

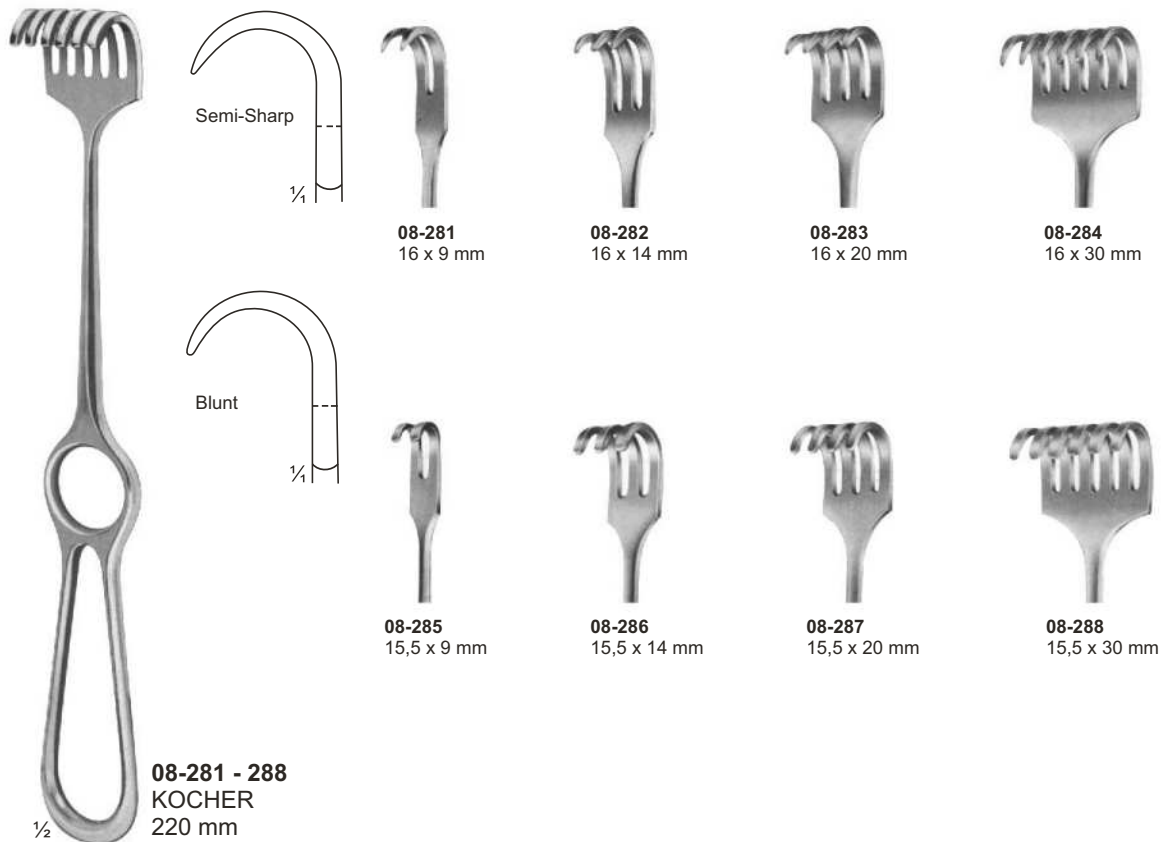
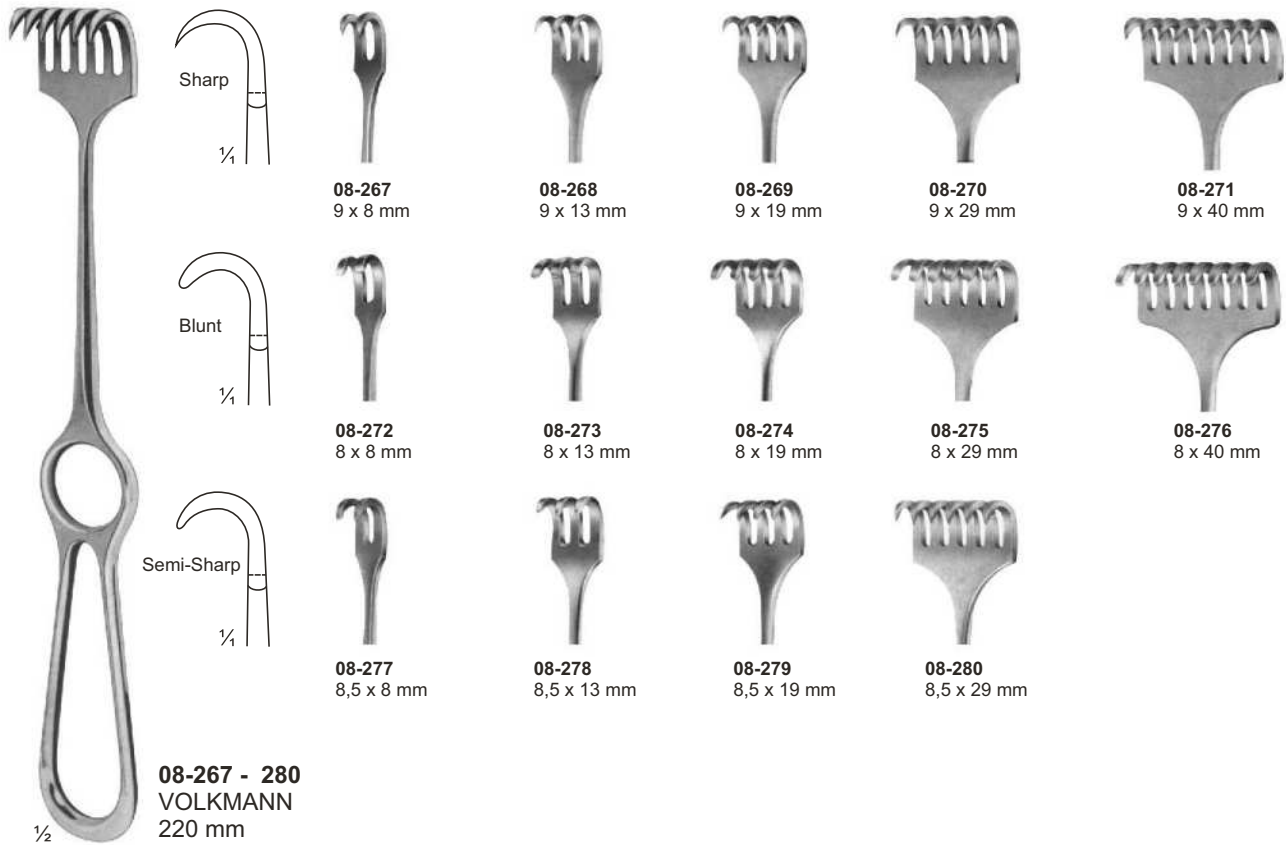


08-265
8,5 x 19 mm



08-266
8,5 x 29 mm

Retractors



Retractors, Deep form



08-289 - 290
KORTE
240 mm



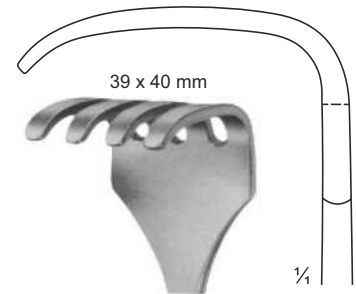
08-289
8 Prongs, blunt



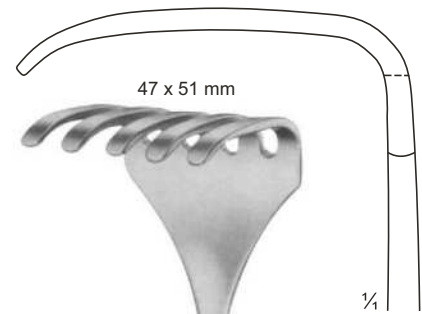
08-290
8 Prongs, sharp



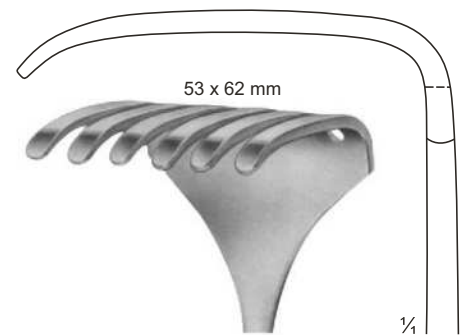
08-291 - 294
ISRAEL
255 mm



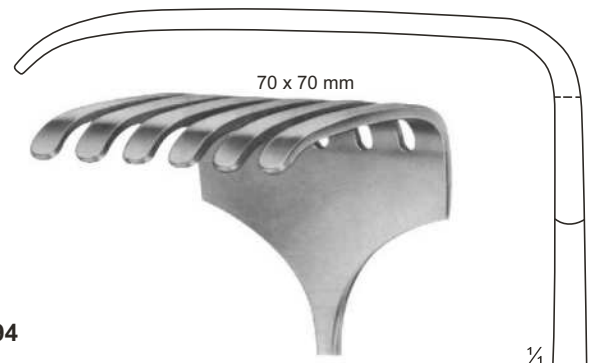
08-291
4 Prongs, blunt



08-292
5 Prongs, blunt



08-293
6 Prongs, blunt



08-294
6 Prongs, blunt



Retractors



08-294



08-300



83 x 15 mm

Handle vertical to the Blade

1/4

08-295 - 300
LANGENBECK
210 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

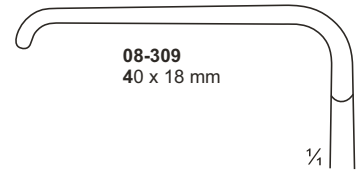
Retractors



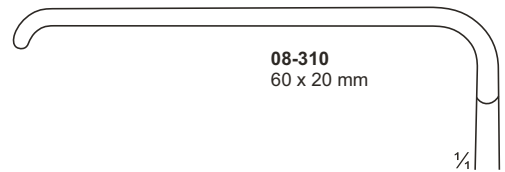
08-309 - 313
KOCHER
230 mm



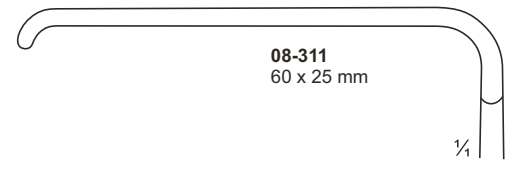
08-314 - 316
SAUERBRUCH
225 mm



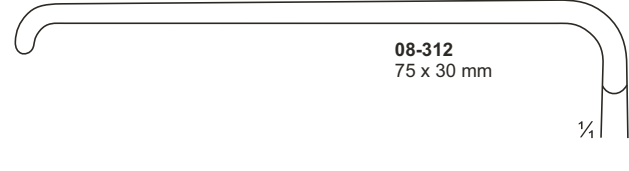
08-309
40 x 18 mm



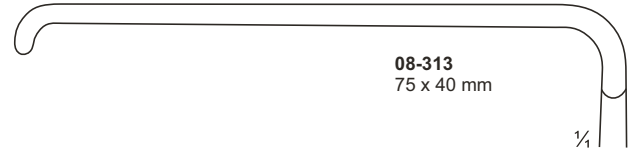
08-310
60 x 20 mm



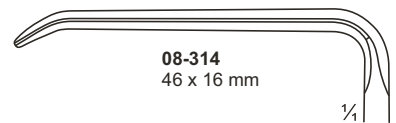
08-311
60 x 25 mm



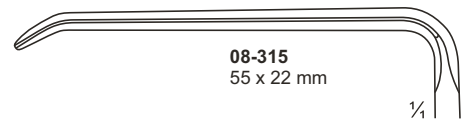
08-312
75 x 30 mm



08-313
75 x 40 mm



08-314
46 x 16 mm



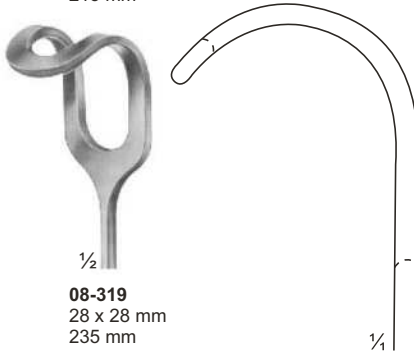
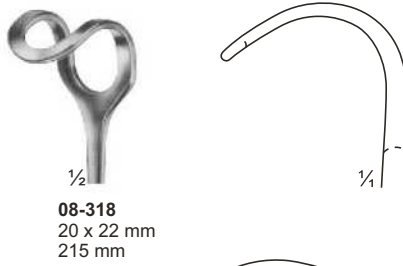
08-315
55 x 22 mm



08-316
72 x 19 mm



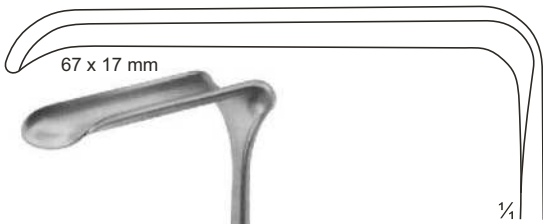
Retractors



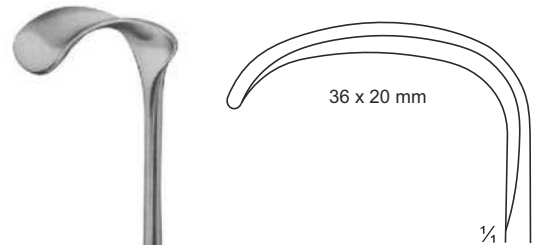
08-317 - 319
MIDDELDORPF



08-320
BUCHS
205 mm



08-321
CASPAR
210 mm



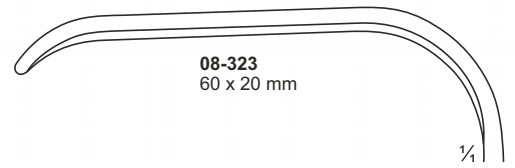
08-322
KOCHER
230 mm

Retractors



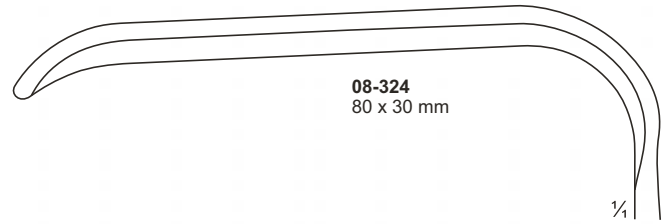
½

08-323 - 328
HOSEL
250 mm



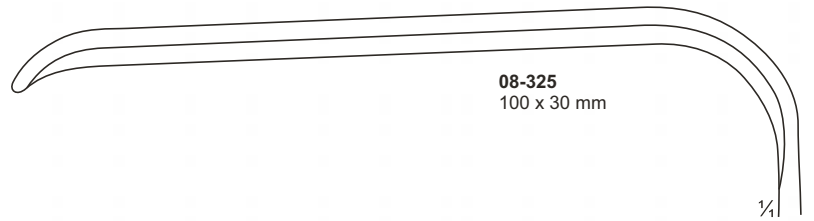
08-323
60 x 20 mm

¼



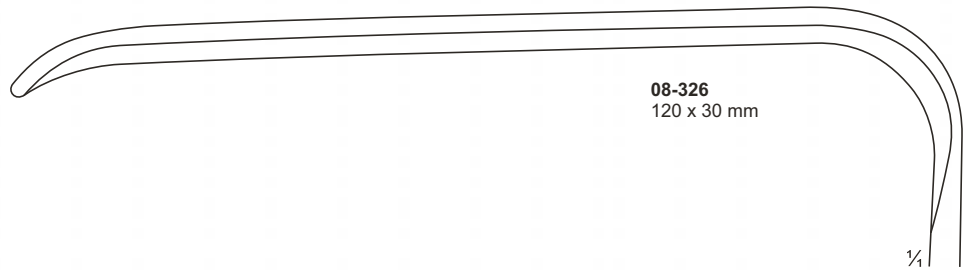
08-324
80 x 30 mm

¼



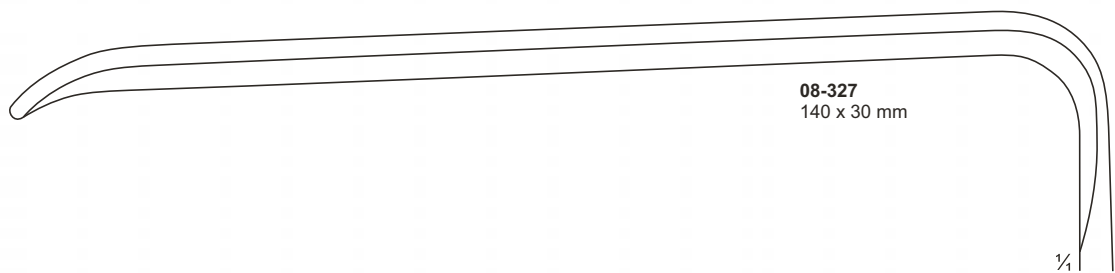
08-325
100 x 30 mm

¼



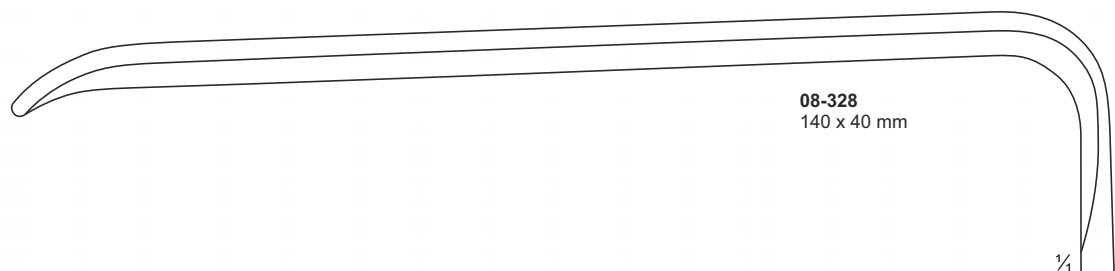
08-326
120 x 30 mm

¼



08-327
140 x 30 mm

¼

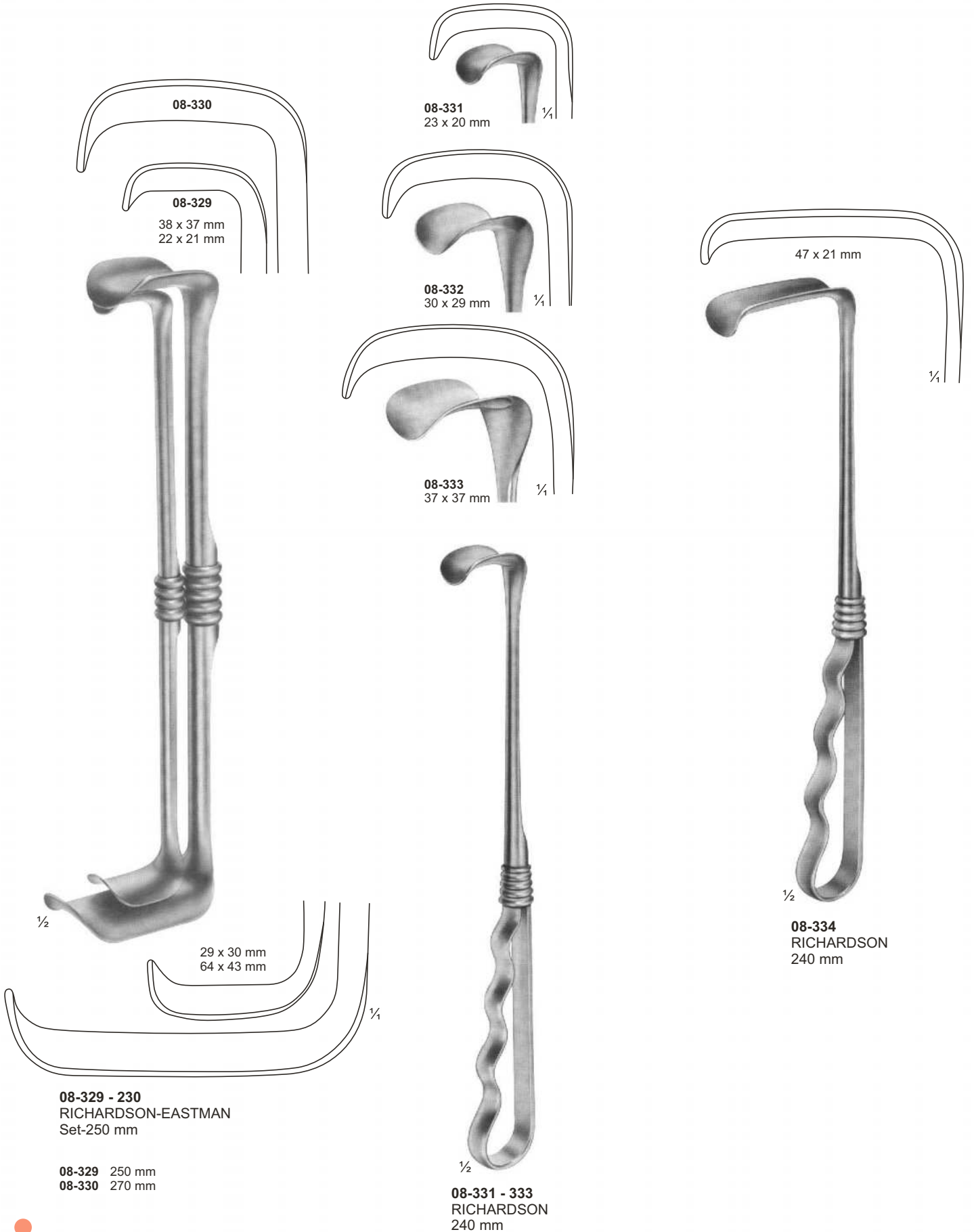


08-328
140 x 40 mm

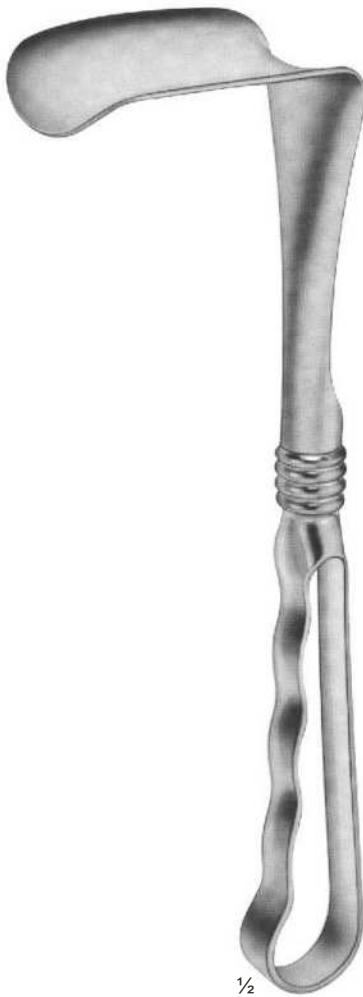
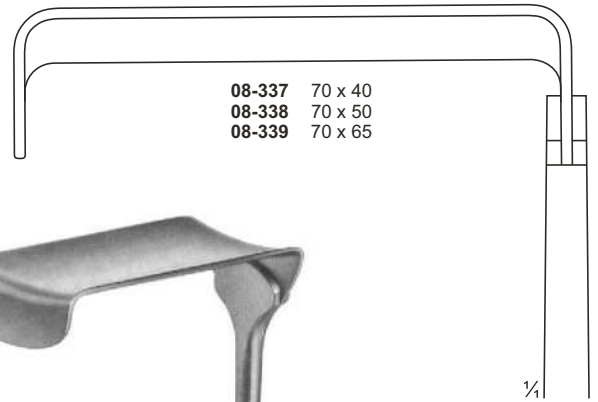
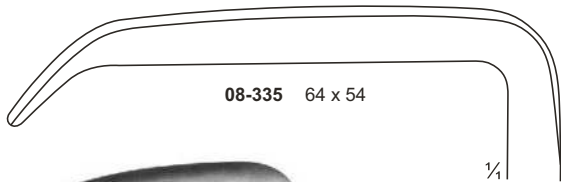
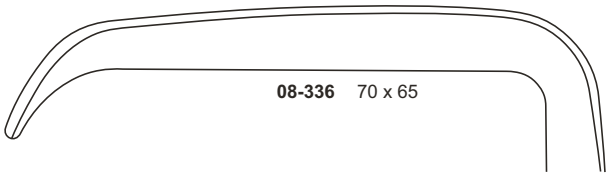
¼



Retractors



Retractors



08-335 - 336
KELLY
260 mm



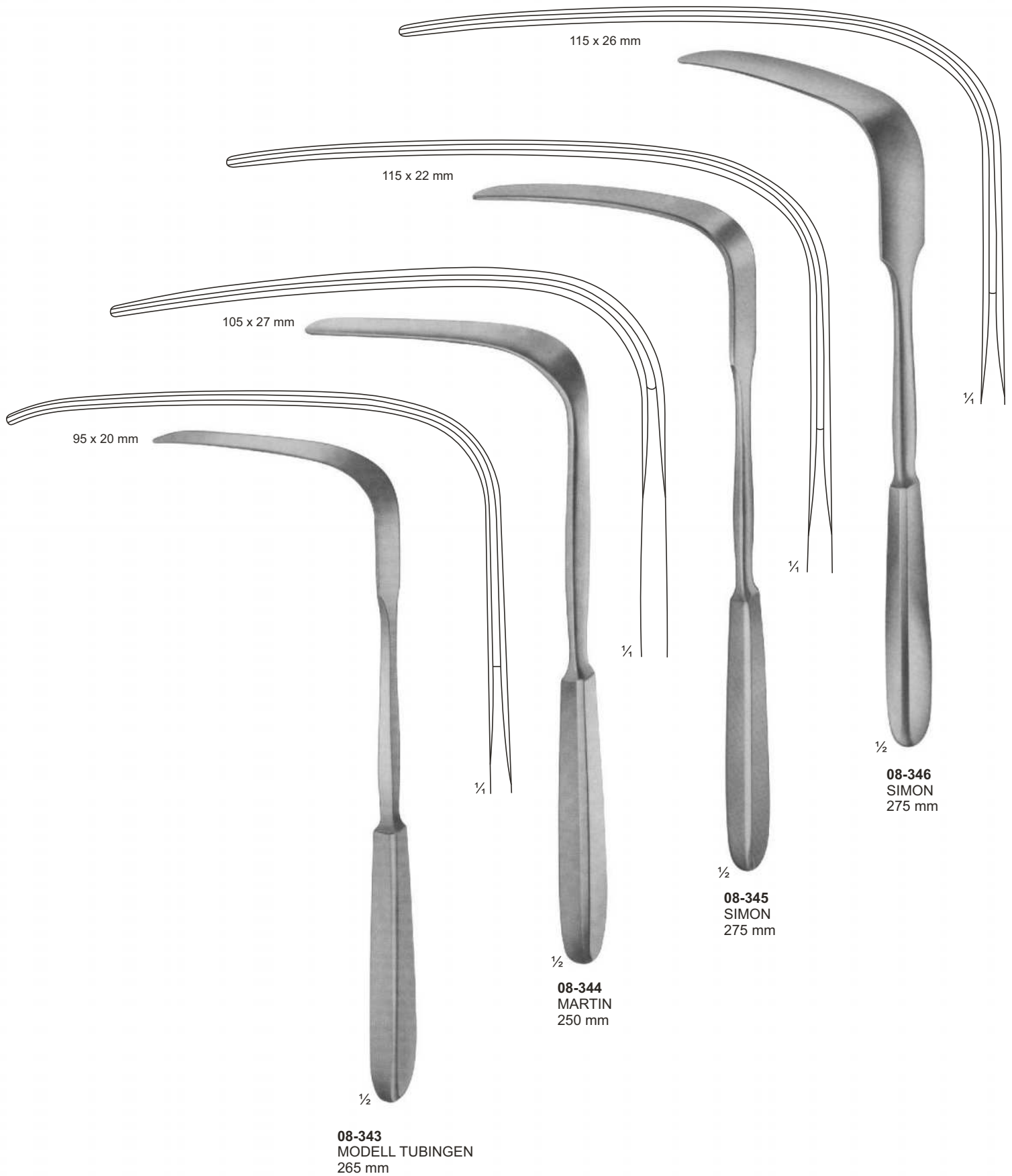
08-337 - 339
MORRIS
245 mm



Retractors For Deep Surgery



Retractors For Deep Surgery



**Vario Retractor System, Germ. Fed. Patent,
Germ. Fed. Regd.Des.**



- 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

1/2



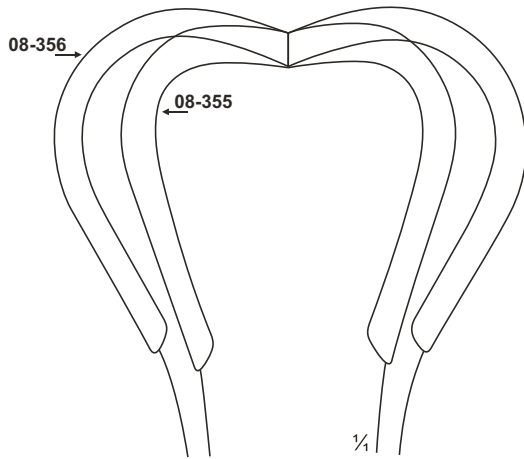
08-354
Handle with cold
light carrier for
retractor blades.
280 mm

1/2



Handle arrange-
ment verriable

Retractors, Lung Spatulas



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



Retractors, Lung Spatulas



Retractors, Lung Spatulas



Retractors, Lung Spatulas



08-367
DEAVER
300 mm
Fig. 3

08-368
DEAVER
310 mm
Fig. 4

08-369
DEAVER
320 mm
Fig. 5

Retractors, Lung Spatulas



08-370
DEAVER
310 mm
Fig. 1



08-371
DEAVER
310 mm
Fig. 3



Retractors, Lung Spatulas

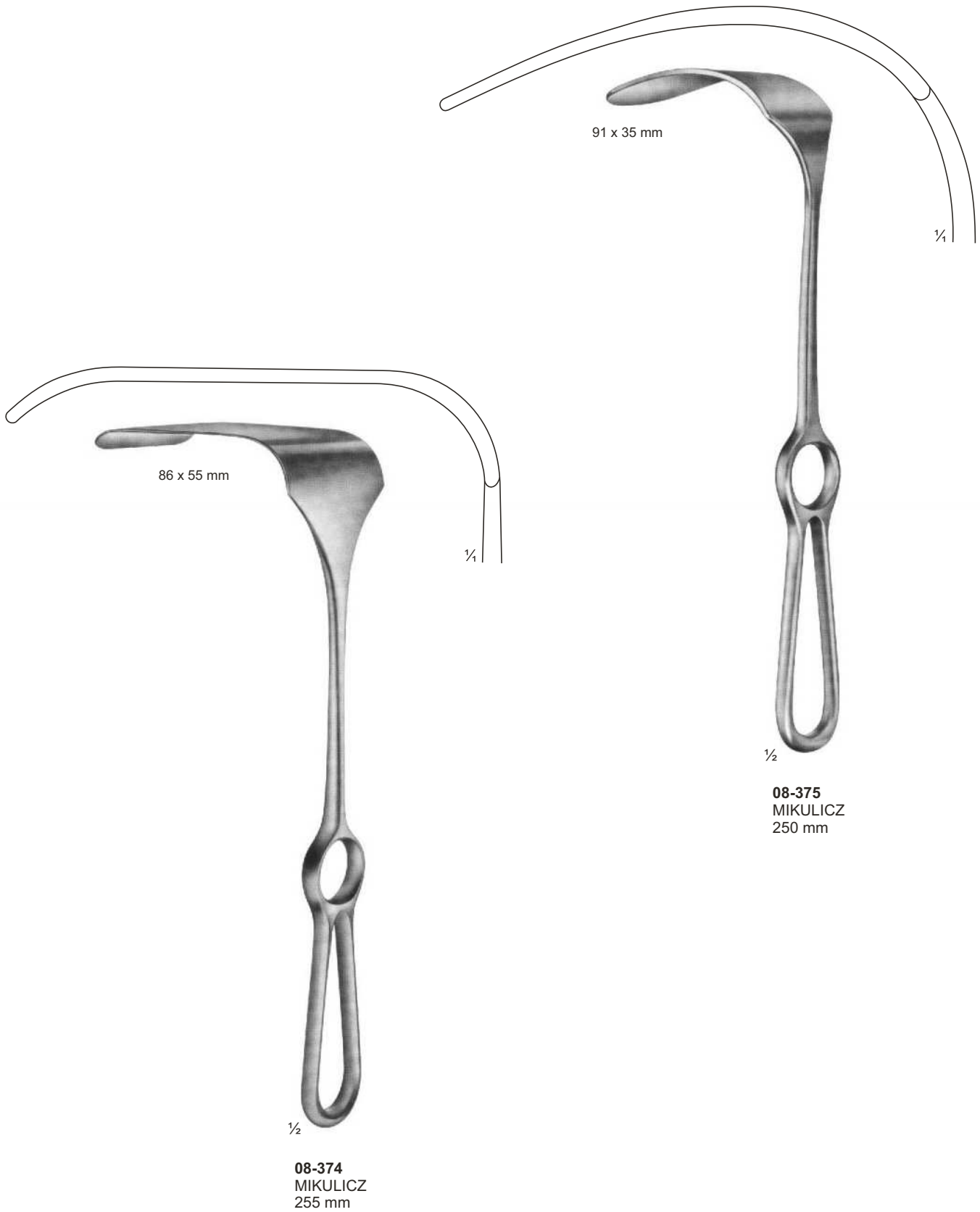


08-372
DEAVER
305 mm
Fig. 3



08-373
DEAVER
310 mm
Fig. 4

Retractors For Deep Surgery (Abdominal Retractors)



Retractors For Deep Surgery (Abdominal Retractors)

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

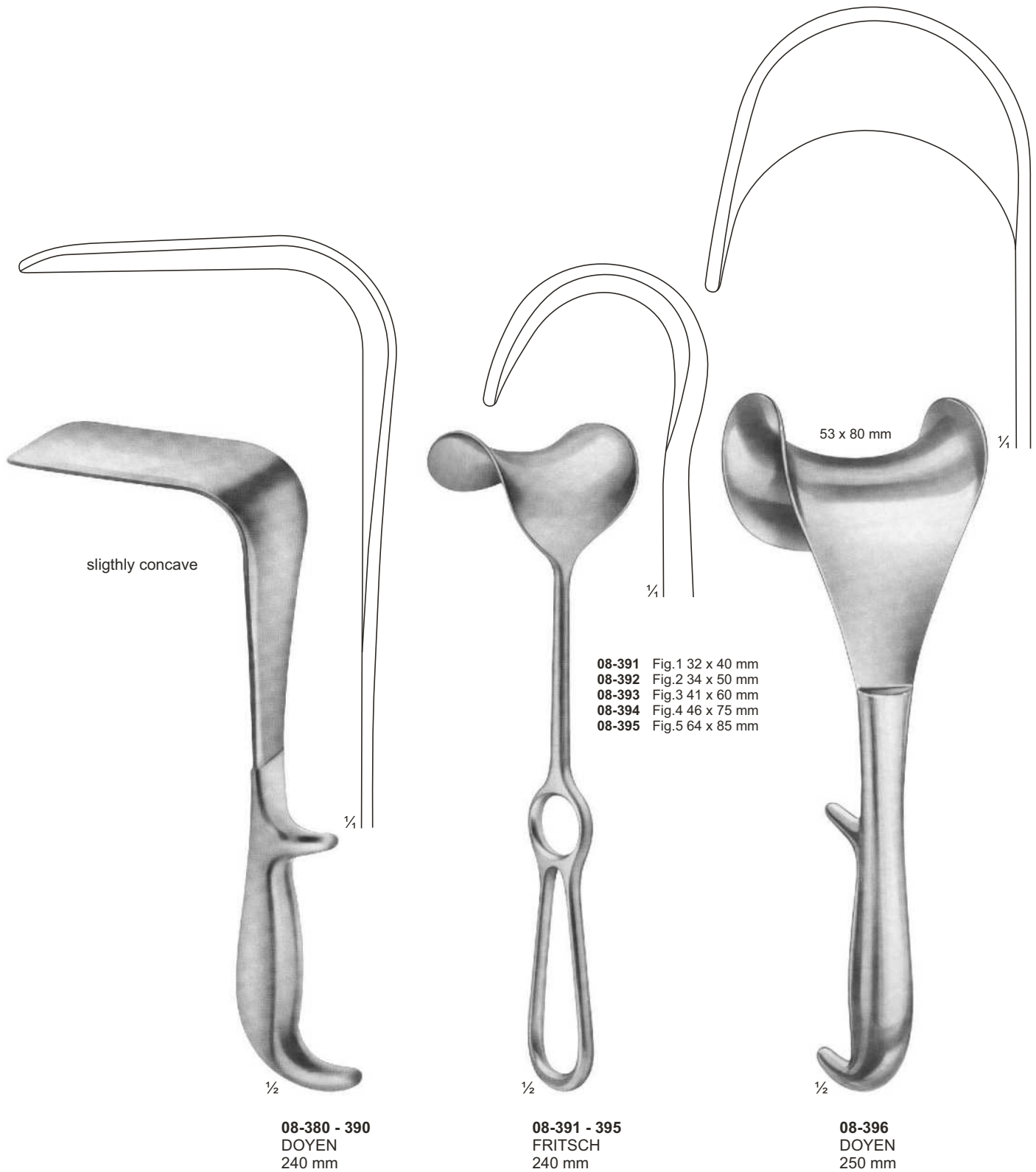
08-376 - 377
MIKULICZ
08-376 121 x 50 mm
08-377 147 x 50 mm
Liver Retractor
250 mm

1/2

1/4

1/2

Retractors, Abdominal Retractors



- 08-391 Fig.1 32 x 40 mm
- 08-392 Fig.2 34 x 50 mm
- 08-393 Fig.3 41 x 60 mm
- 08-394 Fig.4 46 x 75 mm
- 08-395 Fig.5 64 x 85 mm

08-380 - 390
DOYEN
240 mm

08-391 - 395
FRITSCH
240 mm

08-396
DOYEN
250 mm

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



Abdominal Retractors



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

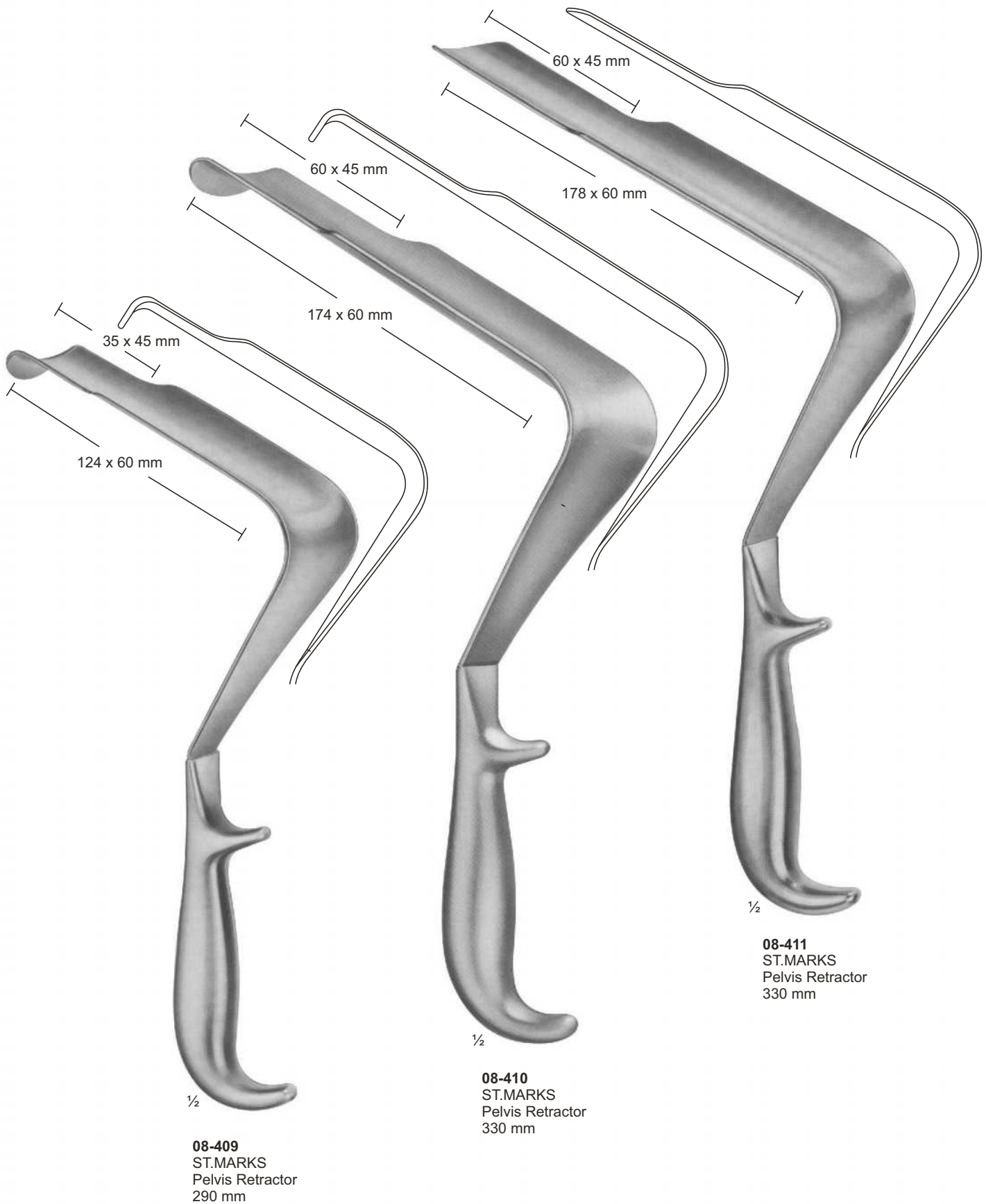


08-407
DOYEN-CHILD
Fixation device
220 mm



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

Pelvis Retractors



Abdominal- and Intestinal Spatulas



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

Abdominal- and Intestinal Spatulas



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



Self-Retaining Retractors



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

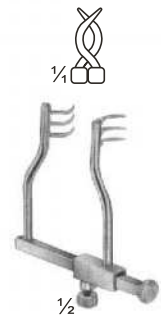


08-431

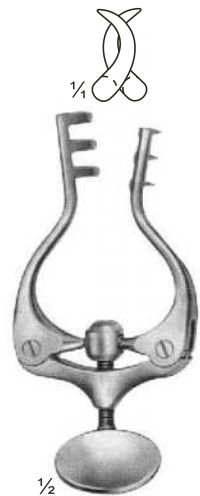
08-432



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



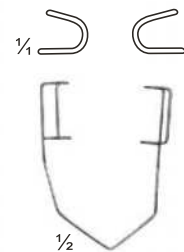
08-433
LOGAN
modif. REILL
50 mm



08-434
JANSEN
100 mm



08-435
JANSEN
100 mm

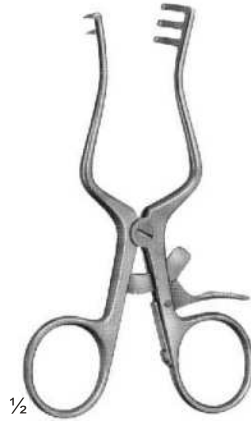


08-436
BARRAQUER
45 mm

Self-Retaining Retractors



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



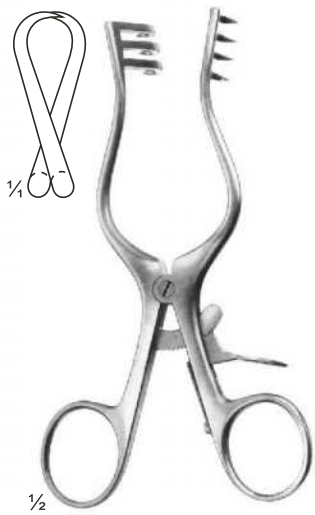
08-441
WEITLANER
Semi-Sharp
130 mm



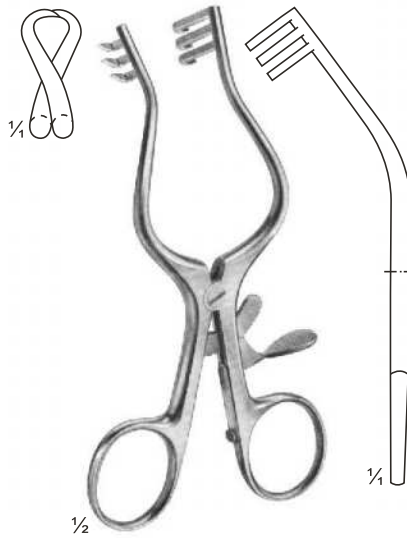
08-442
WEITLANER
Blunt
130 mm



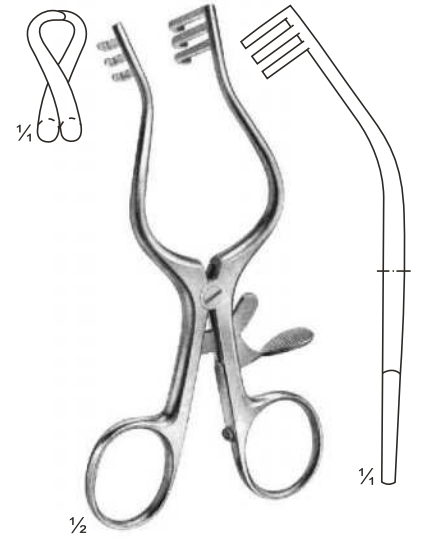
Self-Retaining Retractors



08-443
WEITLANER
Sharp
130 mm



08-444
WULLSTEIN
Sharp
130 mm



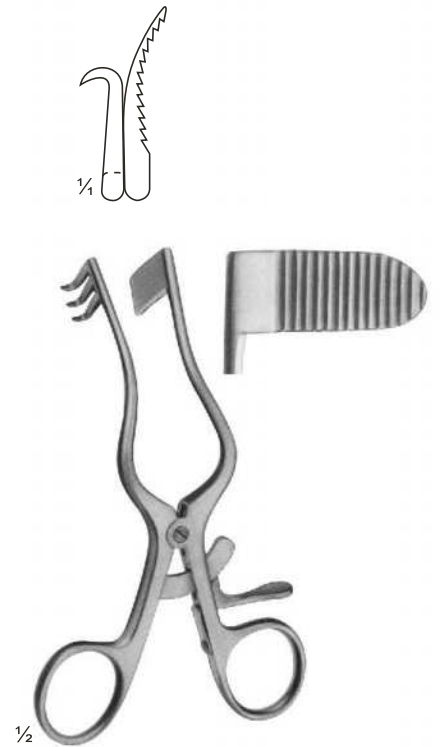
08-445
WULLSTEIN
Blunt
130 mm



08-446
WEITLANER
Sharp
165 mm



08-447
PLESTER
Blunt
110 mm

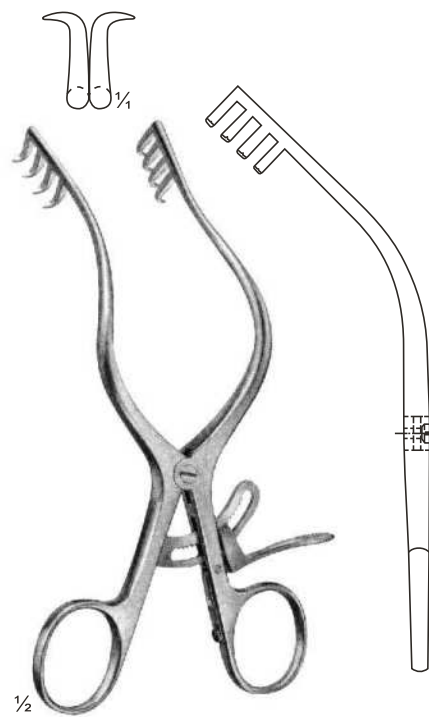


08-448
PERKINS
Blunt
130 mm

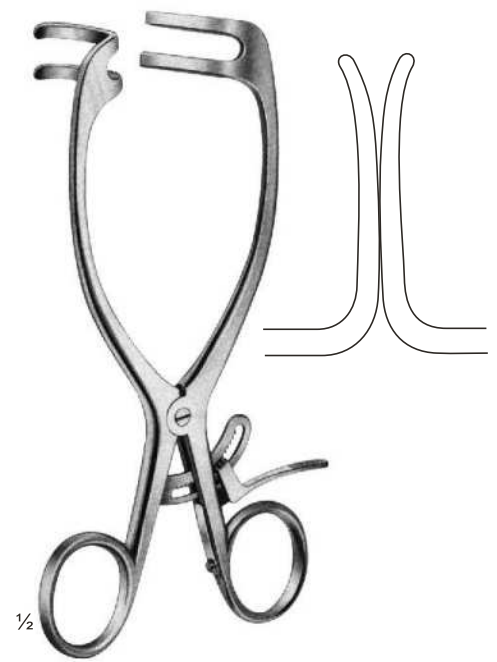
Self-Retaining Retractors



08-449
ADSON-BABY
Blunt
140 mm



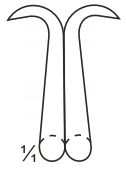
08-450
MOLLISON
Sharp
155 mm



08-451
MAYO-ADAMS
165 mm



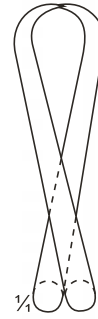
Self-Retaining Laminectomy Retractors



08-452
ANDERSON-ADSON
Sharp
190 mm

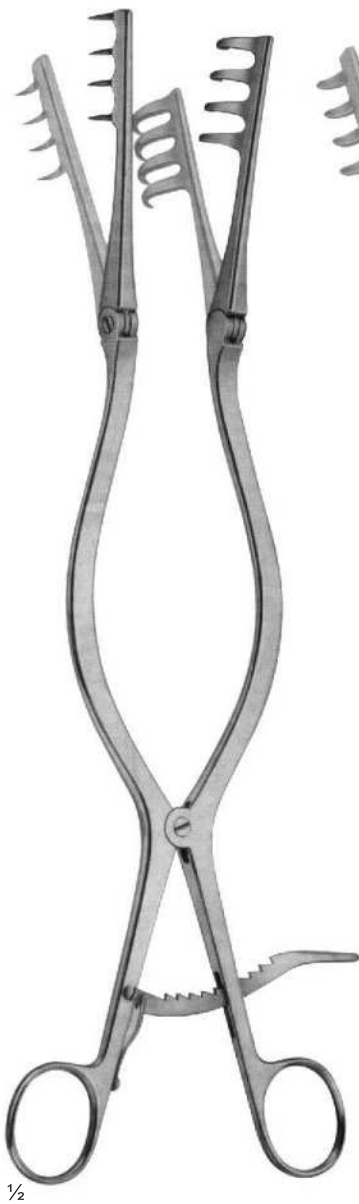
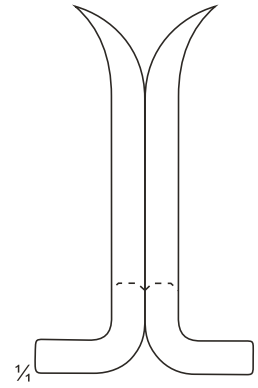
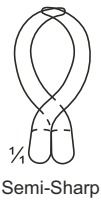
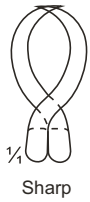


08-453
NORFOLK and
NORWICH
Blunt
220 mm



08-454
ADSON
Sharp
265 mm

Self-Retaining Laminectomy Retractors



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

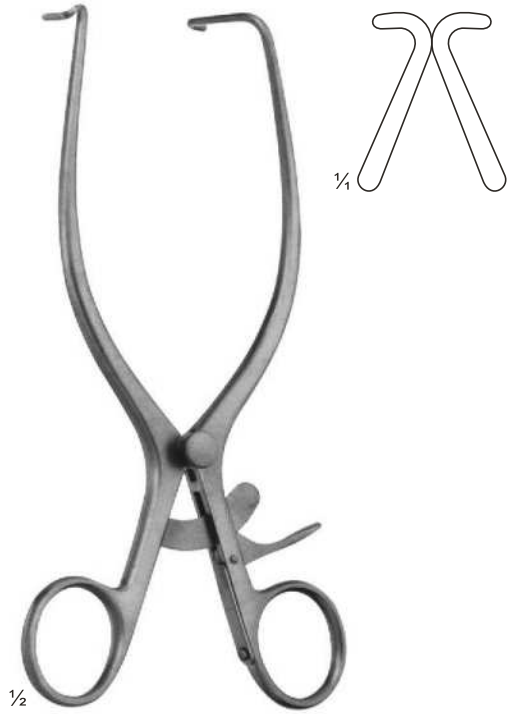


Special Retractors



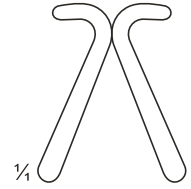
1/2

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

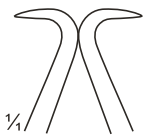


1/2

08-460
JACKSON BURROWS
Retractor, blunt
185 mm



1/4

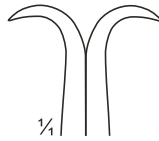


1/4



1/2

08-461
GELPI
Vaginal Retractor
135 mm

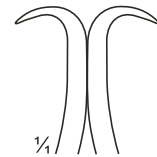


1/4



1/2

08-462
GELPI
Skin- and Vaginal Retractor
175 mm



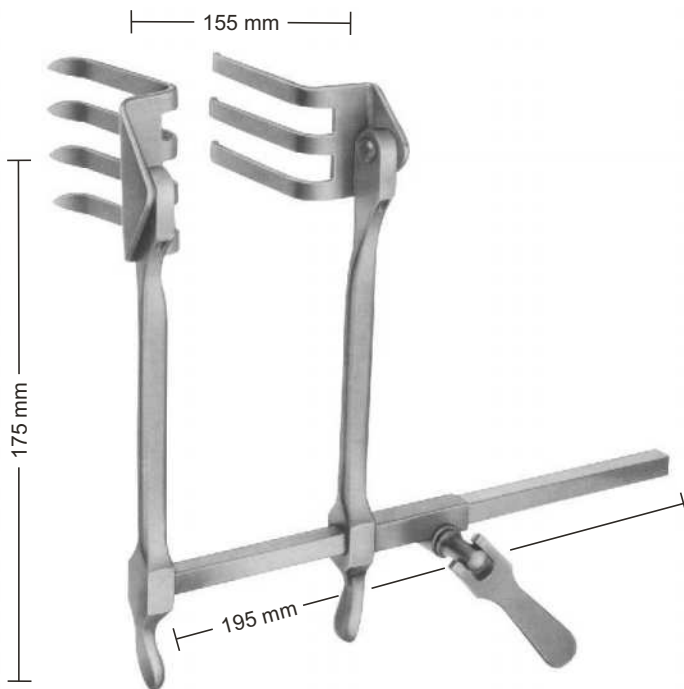
1/4



1/2

08-463
DE BAKEY
Femur Retractor
145 mm

Self Retaining Retractors for Laminectomy and other Operations



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 62 x 37 mm
 PR= Pair



08-466
 47 x 51 mm



08-467
 30 x 40 mm



08-468
 37 x 62 mm



Retractors for Cervical Spine



08-469
CLOWARD modif.
Spreader Only



16 mm
08-470



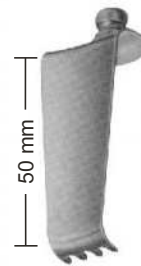
16 mm
08-471



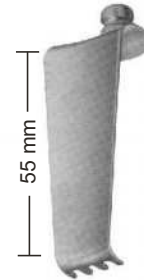
16 mm
08-475



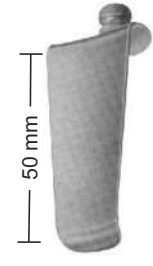
16 mm
08-476



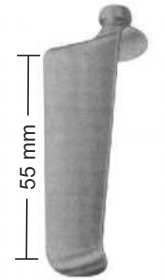
16 mm
08-472



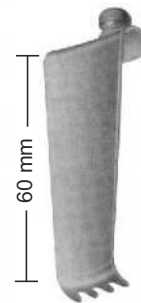
16 mm
08-473



16 mm
08-477



16 mm
08-478



16 mm
08-474

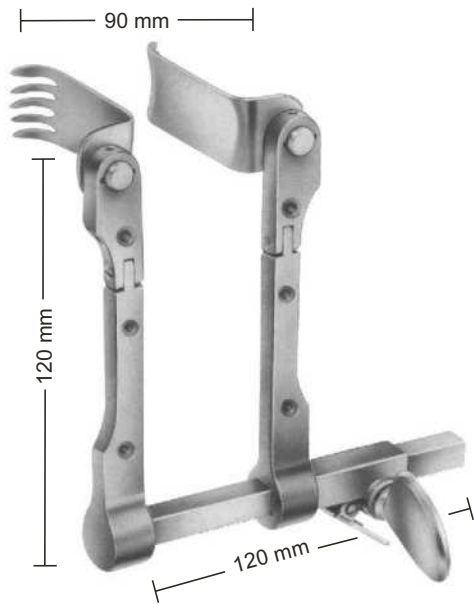


16 mm
08-479

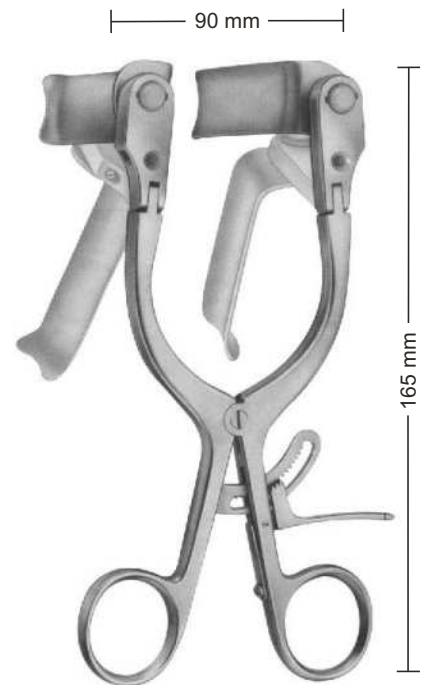
08-470 blade
08-471 blade
08-472 blade
08-473 blade
08-474 blade

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

Retractors for Cervical Vertebral Column



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



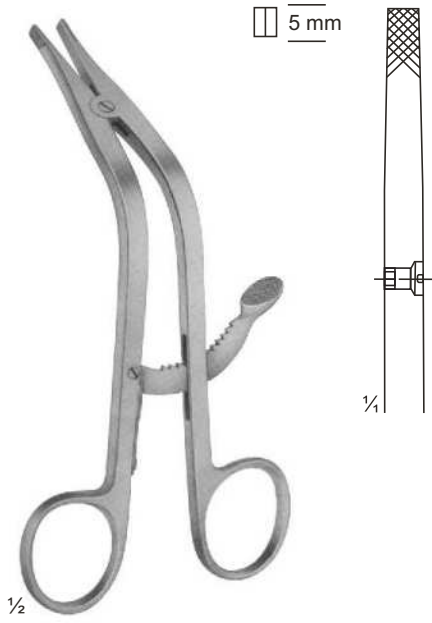
08-498 40 x 25 mm
08-499 45 x 25 mm
08-500 50 x 25 mm
08-501 55 x 25 mm
08-502 60 x 25 mm
Medial Titan blades
semi transparent to x-ray



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



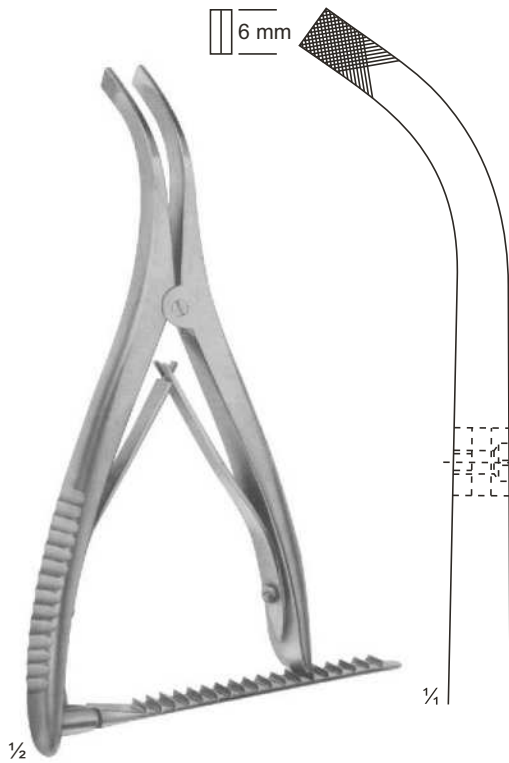
Lamina Spreaders



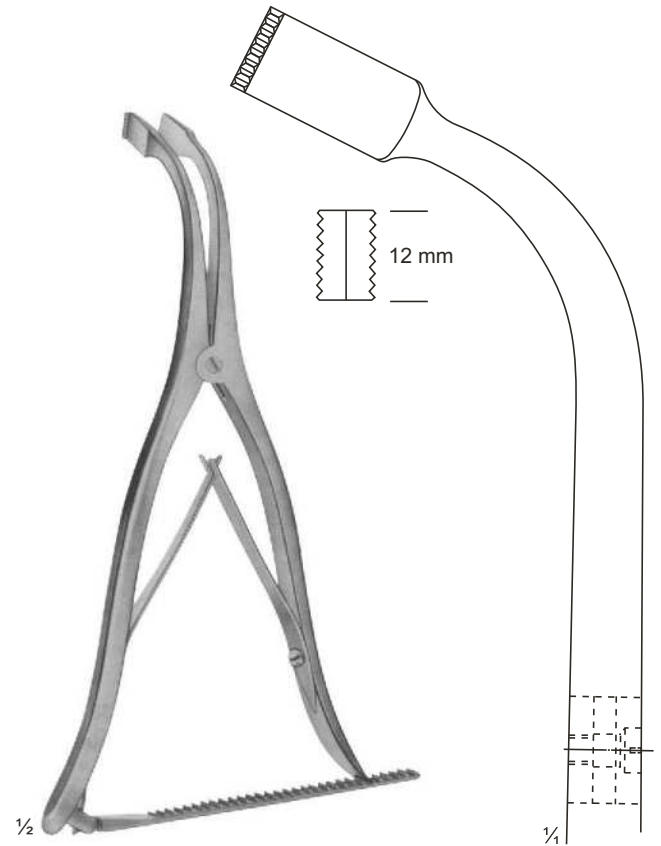
**08-508
CLOWARD
155 mm**



**08-509
CLOWARD
135 mm**



**08-510
INGE
170 mm**

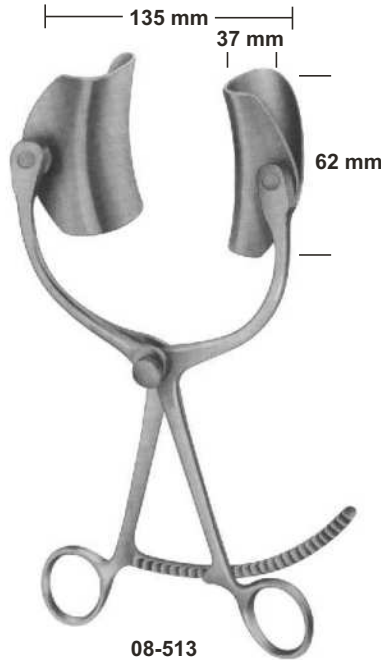


**08-511
INGE
275 mm**

Abdominal Retractors

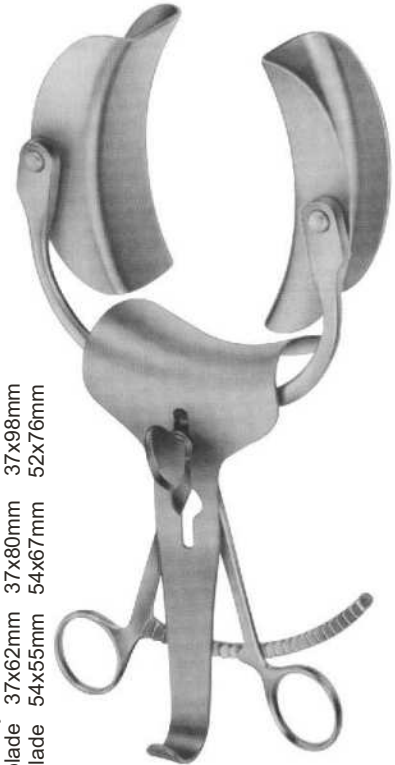


08-512
BABY-COLLIN
with 2 pair of blades



08-513
COLLIN
complete

08-817 135 mm
08-818 160 mm



08-516
08-515
08-514
08-518
Spreader only
Lateral blade
Canter blade

37x98mm
37x80mm
54x67mm
37x62mm
54x55mm
52x76mm

08-514 - 518
COLLIN
complete

210 mm



08-519 - 520
RICARD
complete

Spreader only **08-519** **08-520**
Lateral blade 58x80mm 72x84mm
Canter blade 54x70mm 72x90mm

275 mm

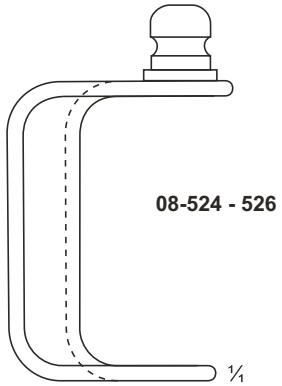


08-521 - 523
HOLZBACH
Complete

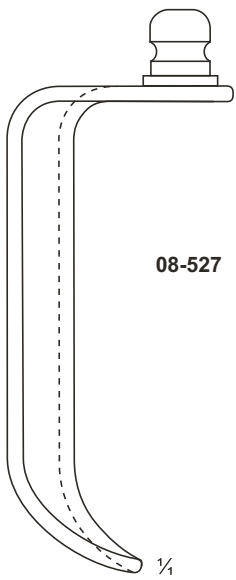
08-521 Spreader only
08-522 Lateral blade 59x80mm
08-523 Canter blade 74x82mm



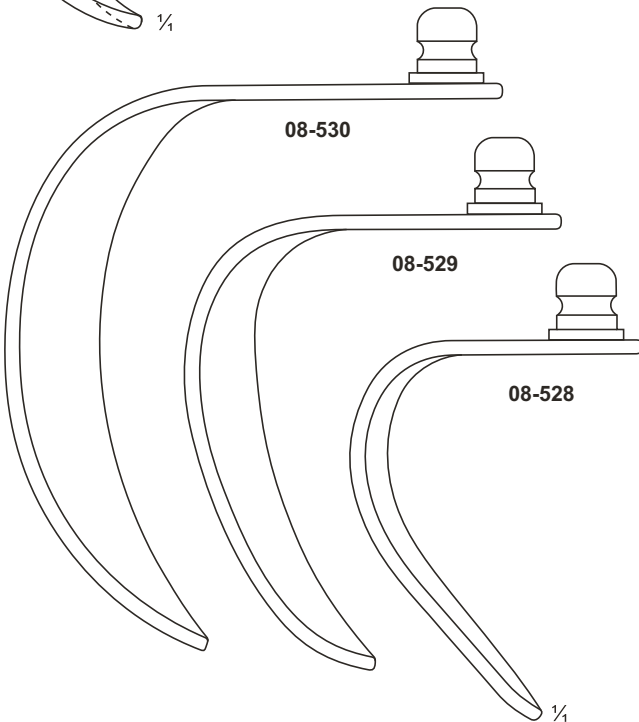
Abdominal Baldes



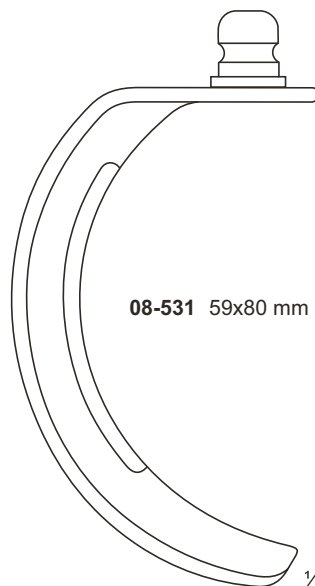
Lateral blades only
08-524 37x62 mm
08-525 37x80 mm
08-526 37x98 mm



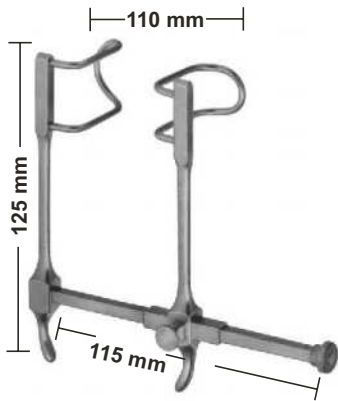
08-527 61x80 mm



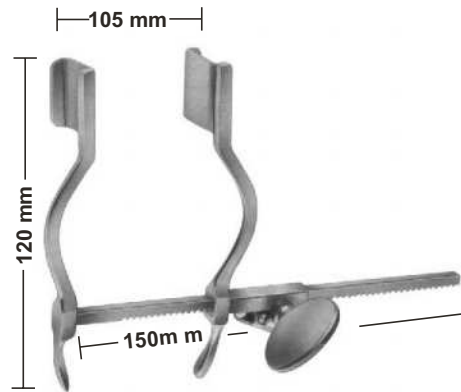
08-528 48x59 mm
08-529 58x80 mm
08-530 72x84 mm



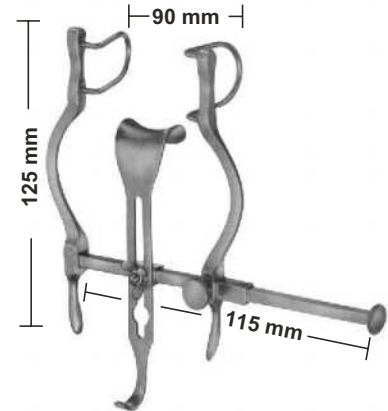
Abdominal Retractors



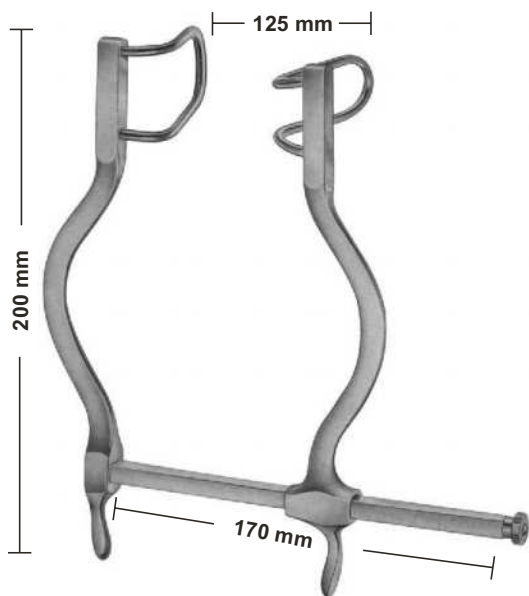
08-532
GOSSET
Blades:38 mm deep



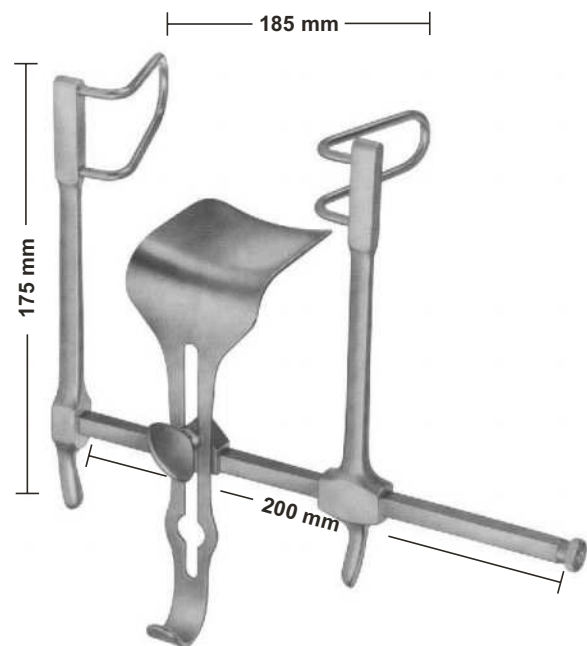
08-533
HERTZLER
Blades 20 X 25 mm



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



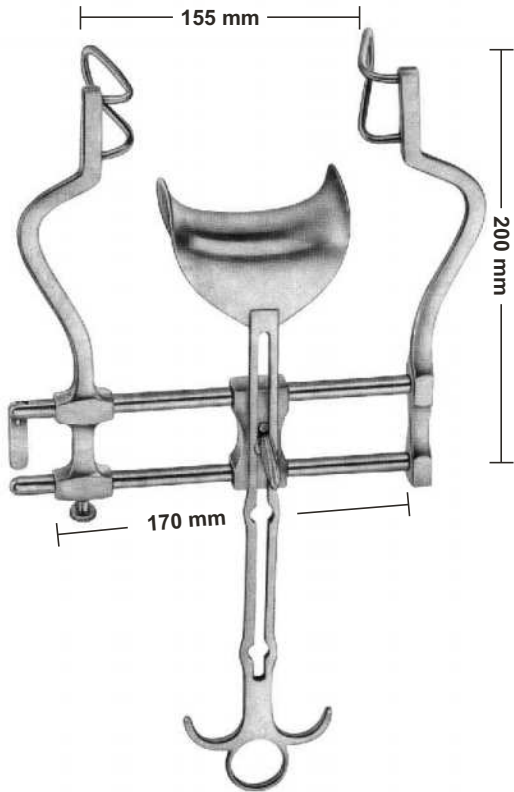
08-535
GOSSET
Blades:55mm deep



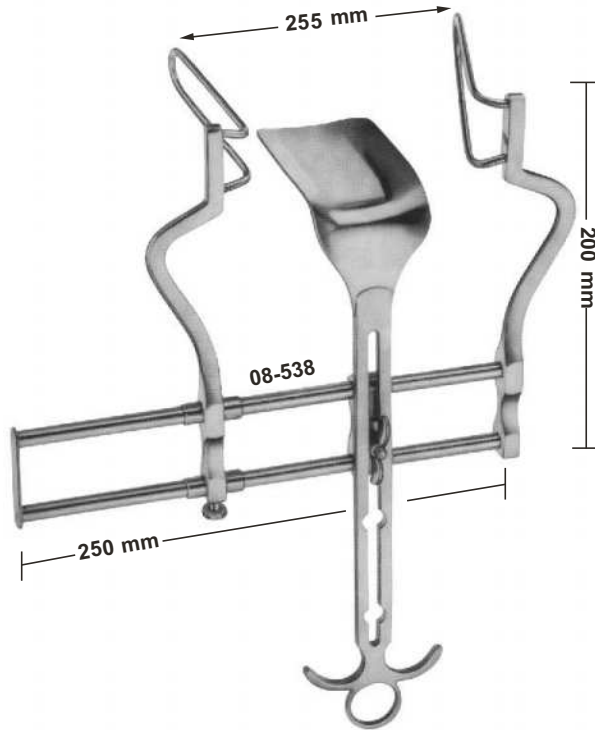
08-536
GOSSET
Lateral blades 58 mm deep
Center blade 59 x 57 mm



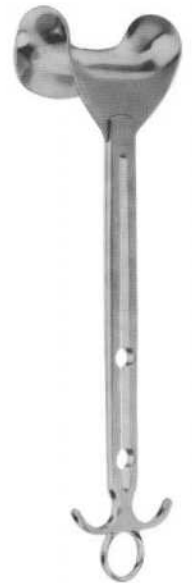
Abdominal Retractors



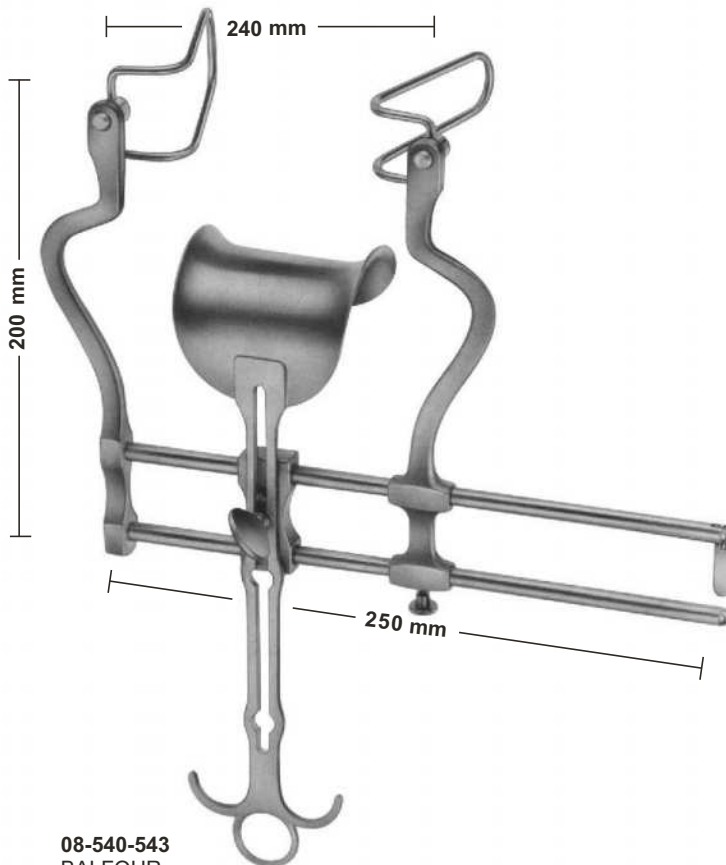
08-537
BALFOUR
Lateral blades 60 mm deep
Center blade 47 x 80 mm



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



08-539
Center blade only
54x80 mm

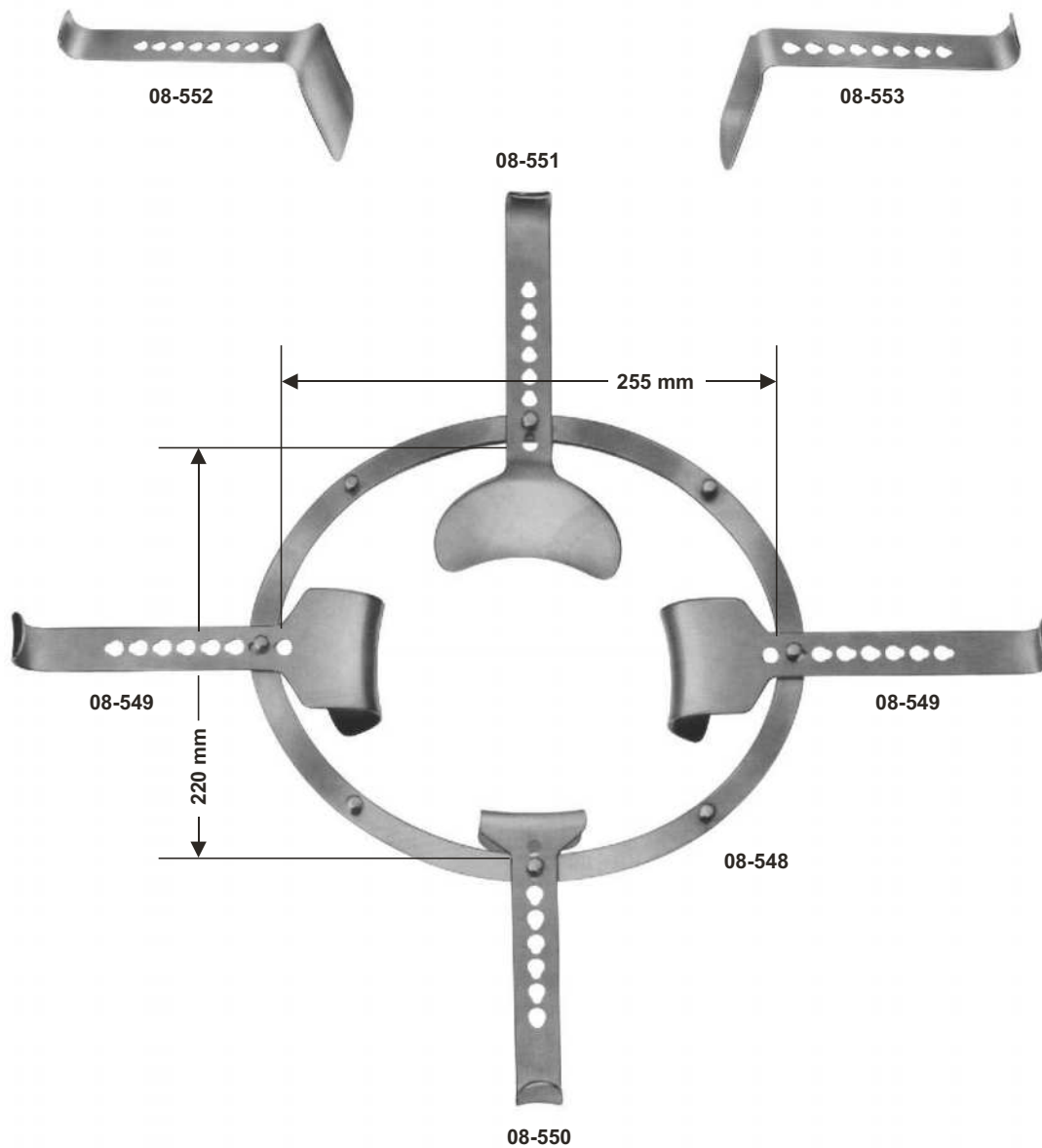


08-540-543
BALFOUR
Spreader only
Lateral blades 50 mm 08-540 60 mm 08-541 75 mm 08-542 90 mm 08-543
Center blade 47 x 80 mm 62x76 mm 80x80 mm 80x80 mm



Lateral blades
08-544 50 mm deep
08-545 60 mm deep
08-546 75 mm deep
08-547 90 mm deep
Sales Unit of blades: PR = pair

Abdominal Retractors



08-548 - 08-553

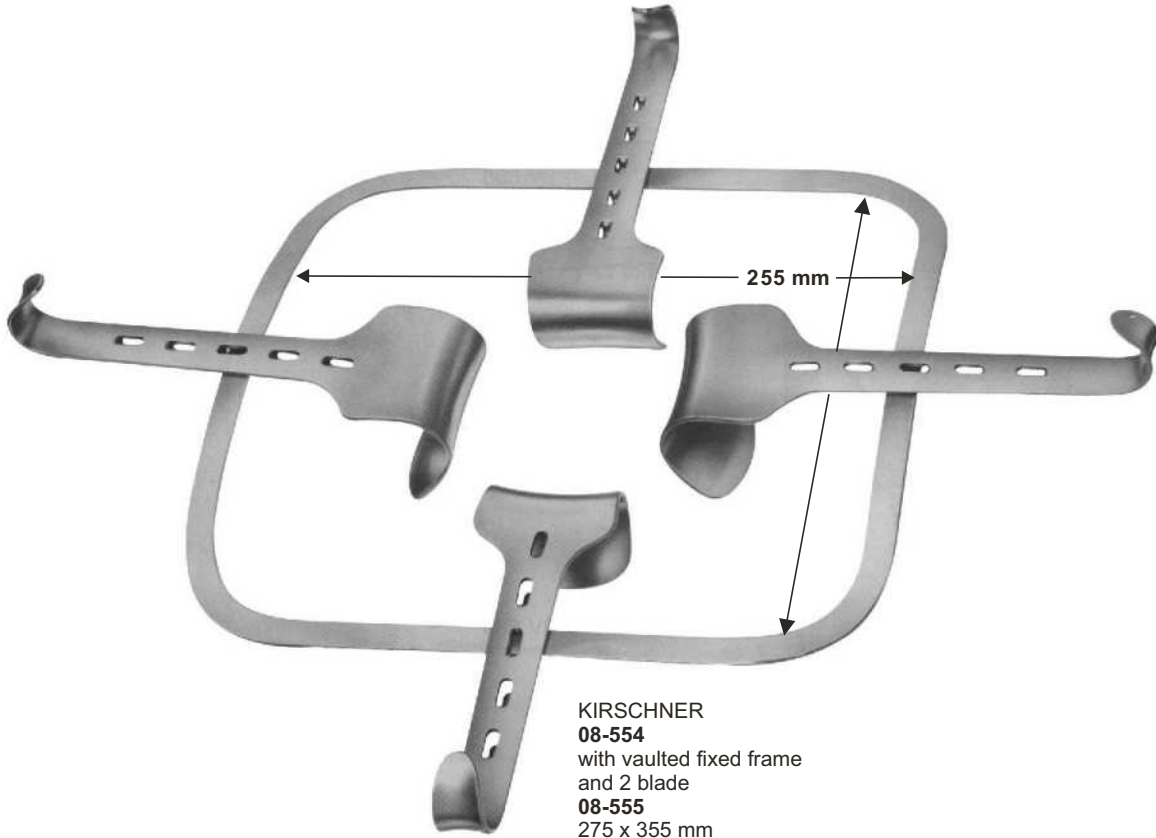
SEMM

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



Abdominal Retractors



**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

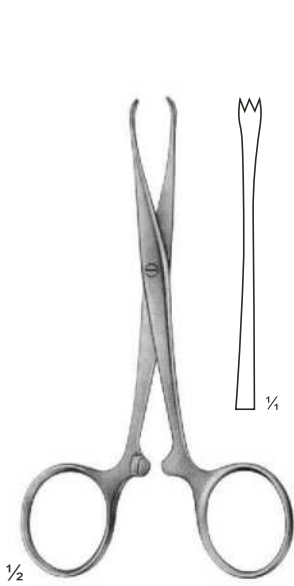


08-559 - 561
KIRSCHNER
08-559 90x 69mm
08-560 92x 95mm
08-561 78x 58mm

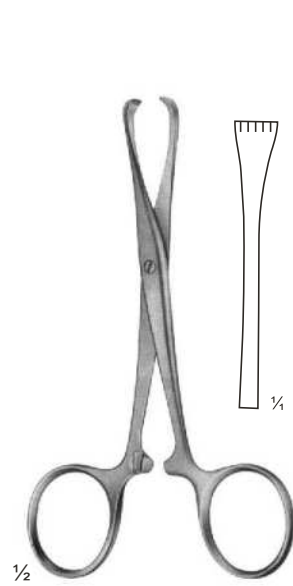


08-562 - 564
KIRSCHNER
08-562 108x42mm
08-563 91x 55mm
08-564 121x 55mm

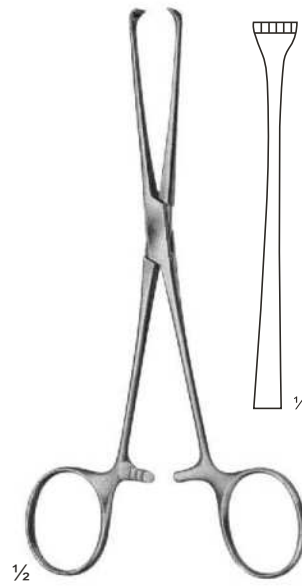
Intestinal and Tissue Grasping Forceps



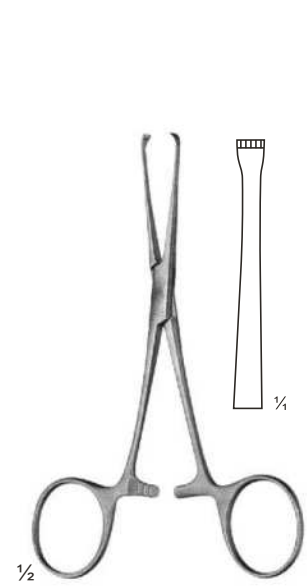
09-101
CHAPUT
2 X 3 teeth, sharp
125 mm,



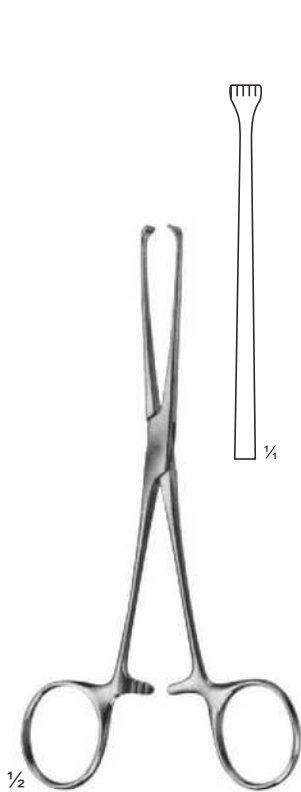
09-102
TUFFIER
5 X 6 teeth, sharp
125 mm,



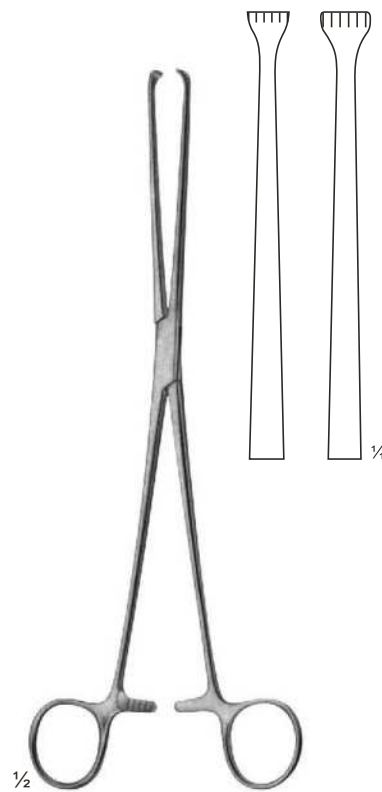
09-103
BOYS-ALLIS
5 X 6 teeth, sharp
155 mm,



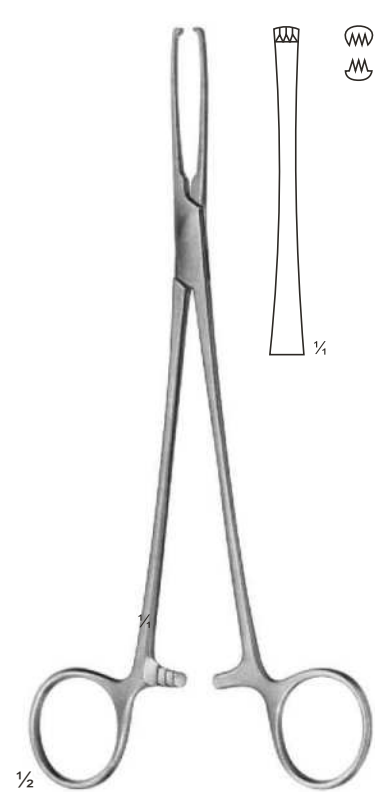
09-104
ALLIS
4 X 5 teeth
155 mm,



09-105
ALLIS
155 mm,
4 X 5 teeth



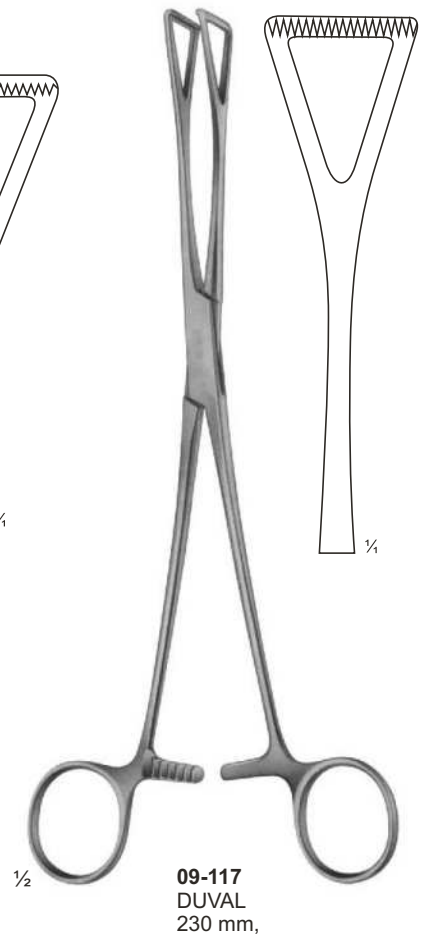
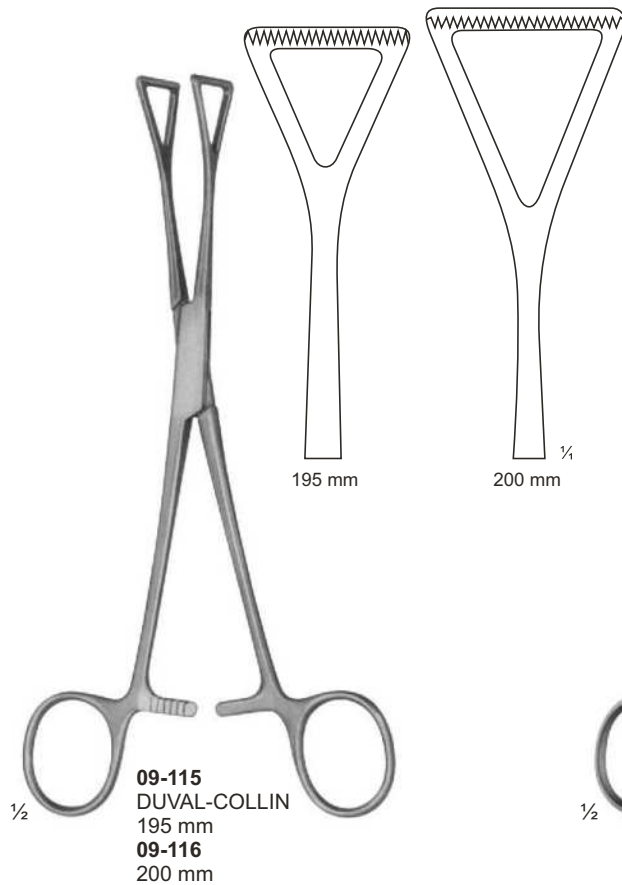
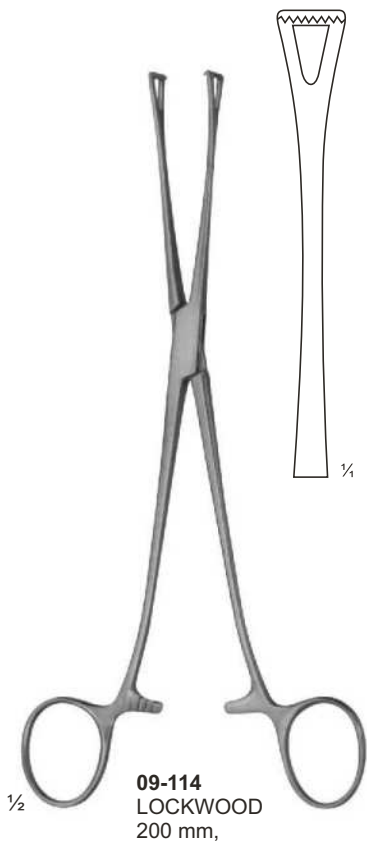
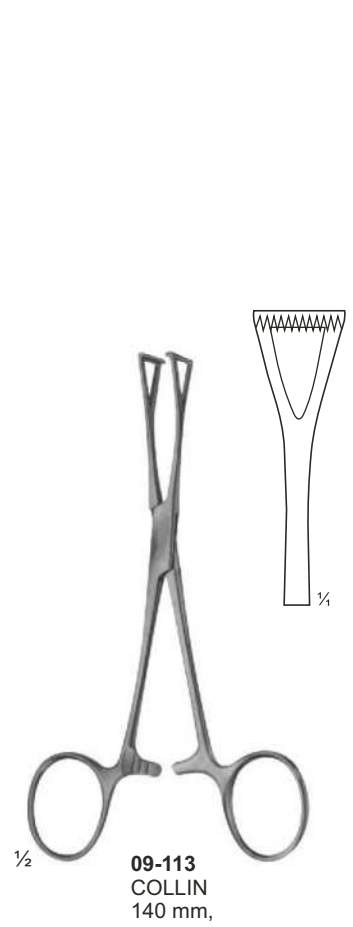
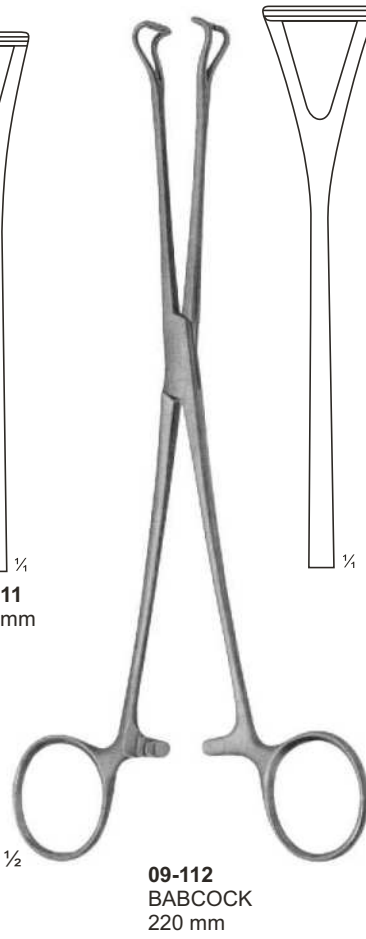
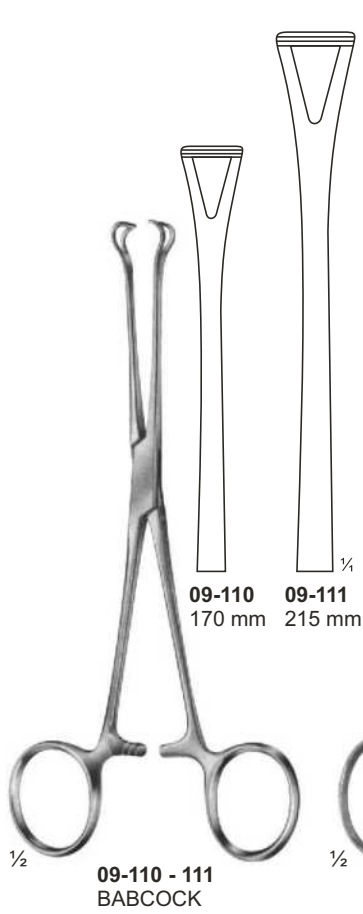
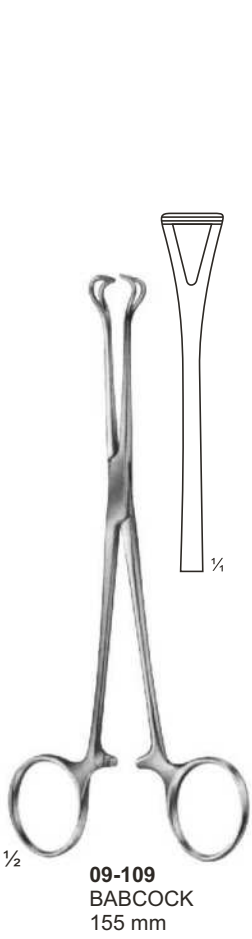
09-106
ALLIS
190 mm,
09-107
255 mm,
5 X 6 teeth



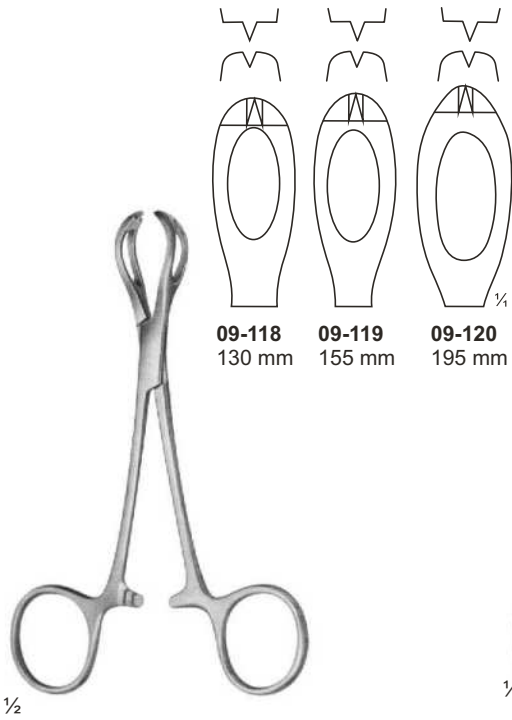
09-108
JUDD-ALLIS
3 X 4 teeth
195 mm,



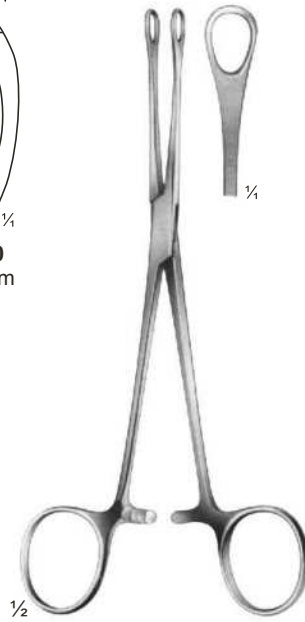
Intestinal Grasping Forceps



Organ - Tissue Grasping, Dissecting & Intestinal Forceps



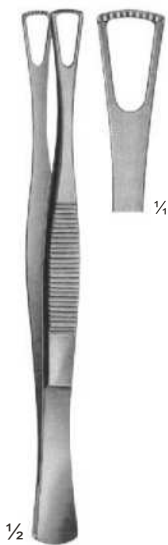
09-118-120
LANE



09-121
WILLIAMS
160 mm



09-122
DENIS
BROWNE
190 mm



09-123
DUVAL
140 mm



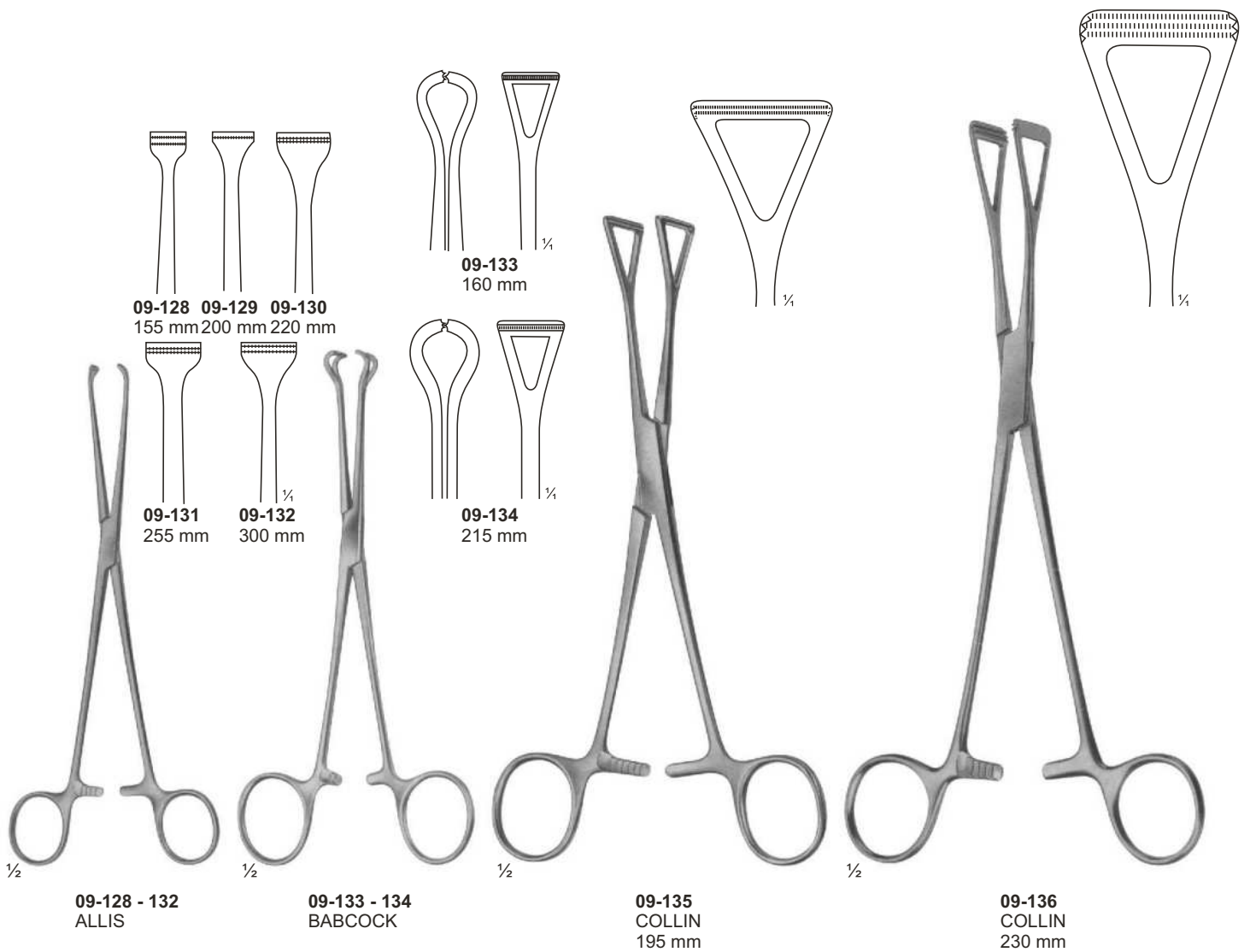
09-124
WANGENSTEEN
150 mm
09-125
230 mm



09-126
WANGENSTEEN
150 mm
09-127
230 mm



Organ - Tissue Grasping, Dissecting & Intestinal Forceps



Ultra - Light - Forceps, Dissecting Forceps



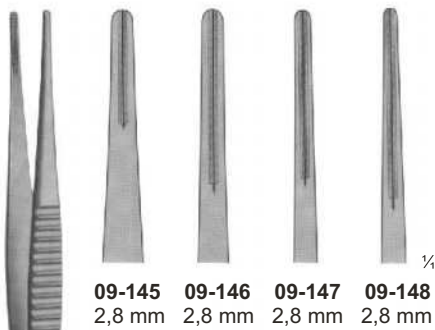
1/2

09-137 150 mm
09-138 200 mm
09-139 240 mm
09-140 300 mm



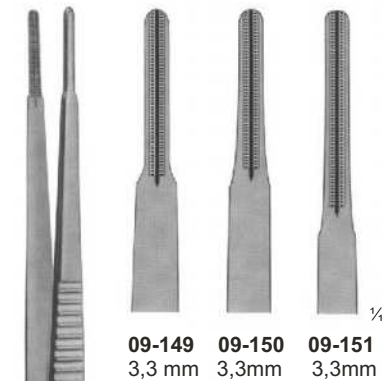
1/2

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



1/2

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

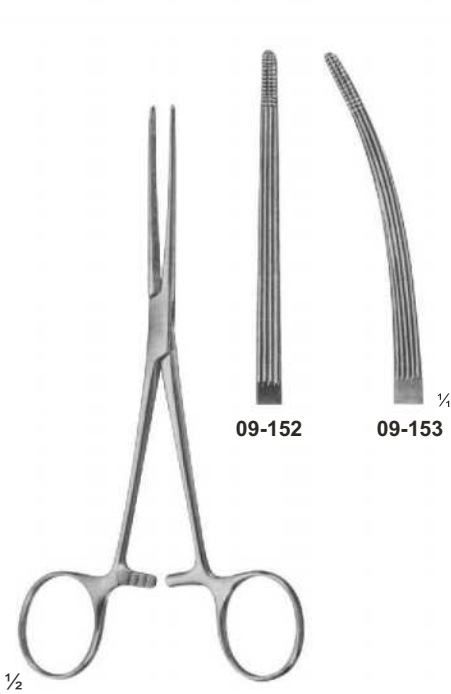


1/2

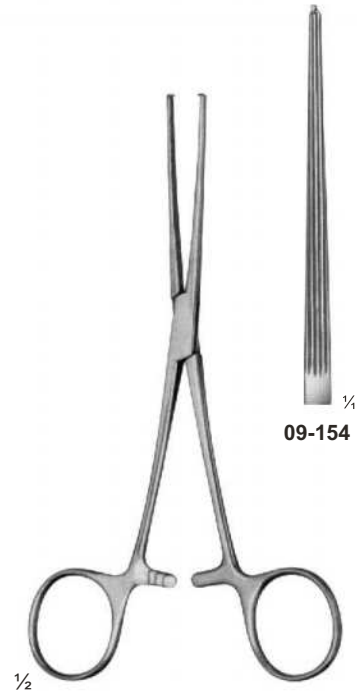
DE BAKEY
09-149 200 mm
09-150 240 mm
09-151 300 mm



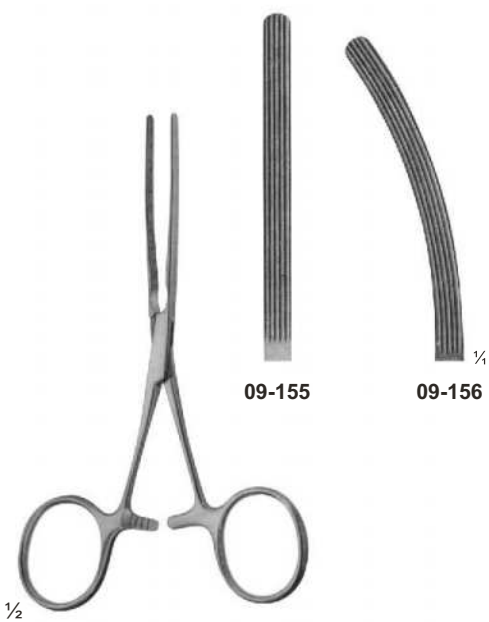
Intestinal Clamps for Children



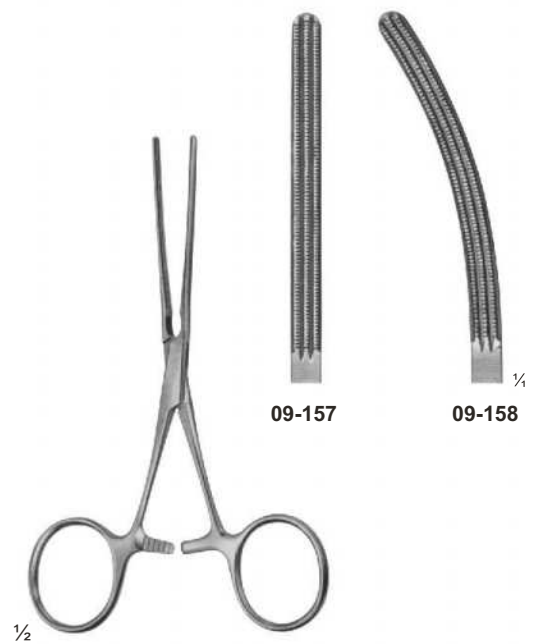
**09-152 - 153
BAINBRIDGE
155 mm**



**09-154
ALLEN
155 mm**

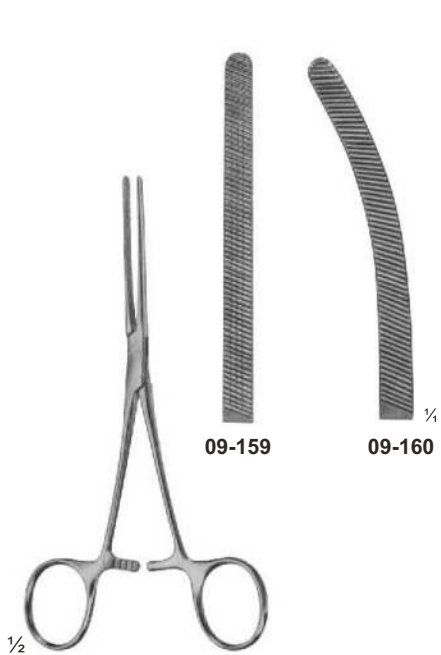


**09-155 - 156
BABY-KOCHER
very elastic blades
130 mm**

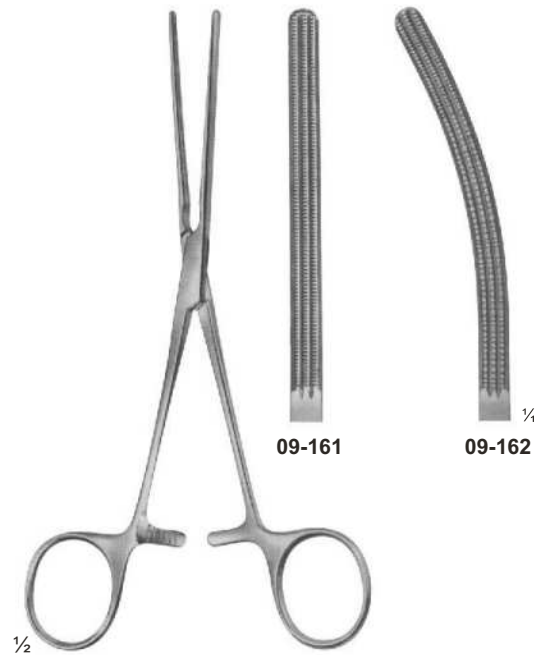


**09-157 - 158
BABY-KOCHER
with elastic blades
130 mm**

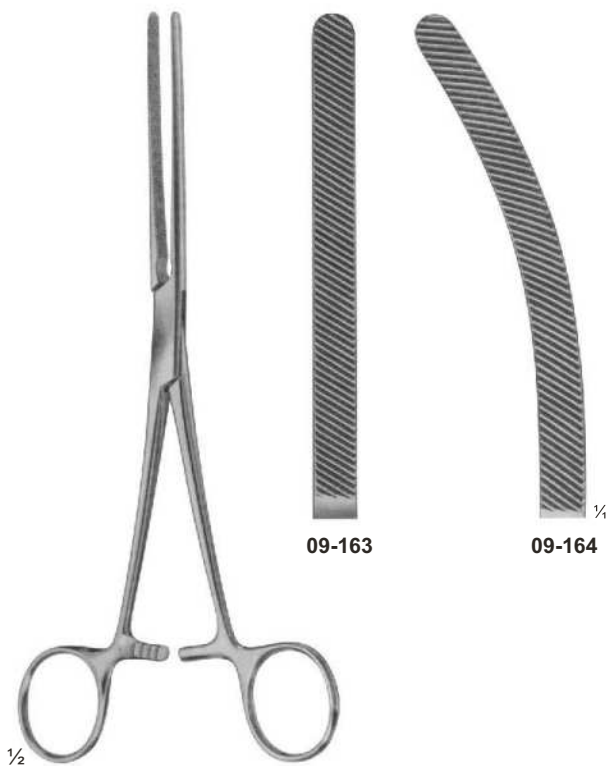
Intestinal Clamps, Soft Elastic



09-159 - 160
DOYEN
elastic
165 mm



09-161 - 162
DOYEN
with elastic blades
170 mm



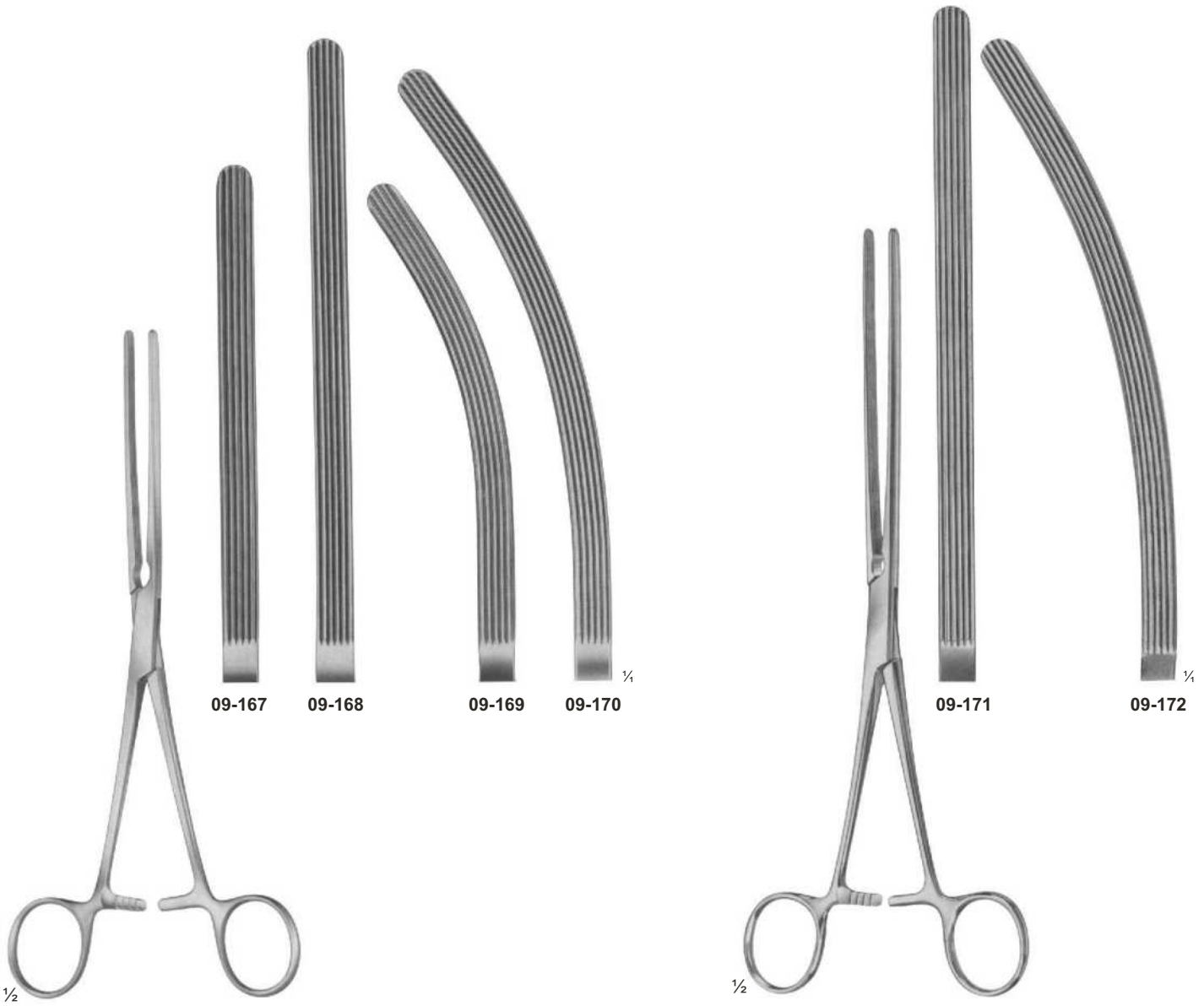
09-163 - 164
HARTMANN
with elastic blades
200 mm



09-165 - 166
HARTMANN
with elastic blades
200 mm



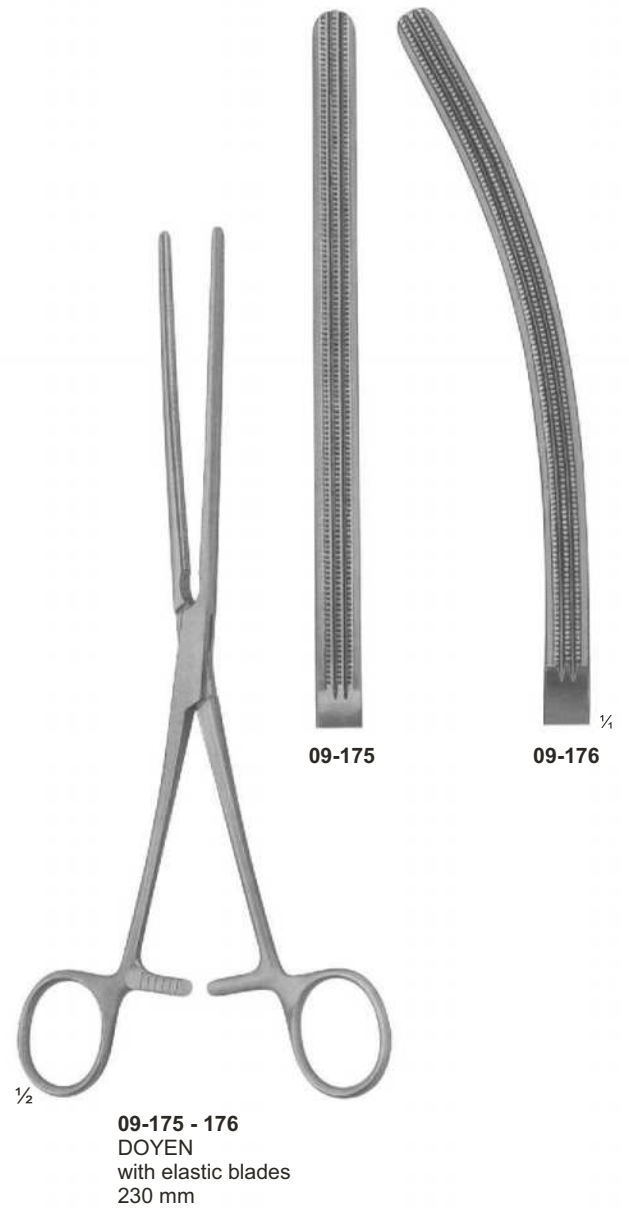
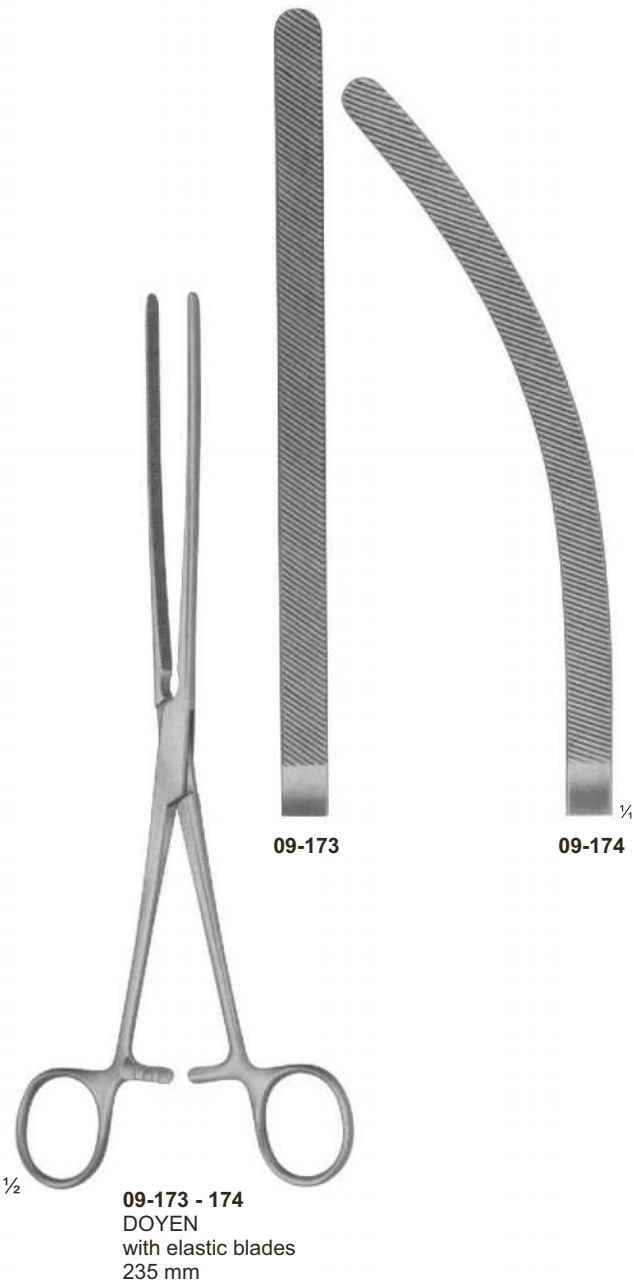
Intestinal Clamps, Soft elastic



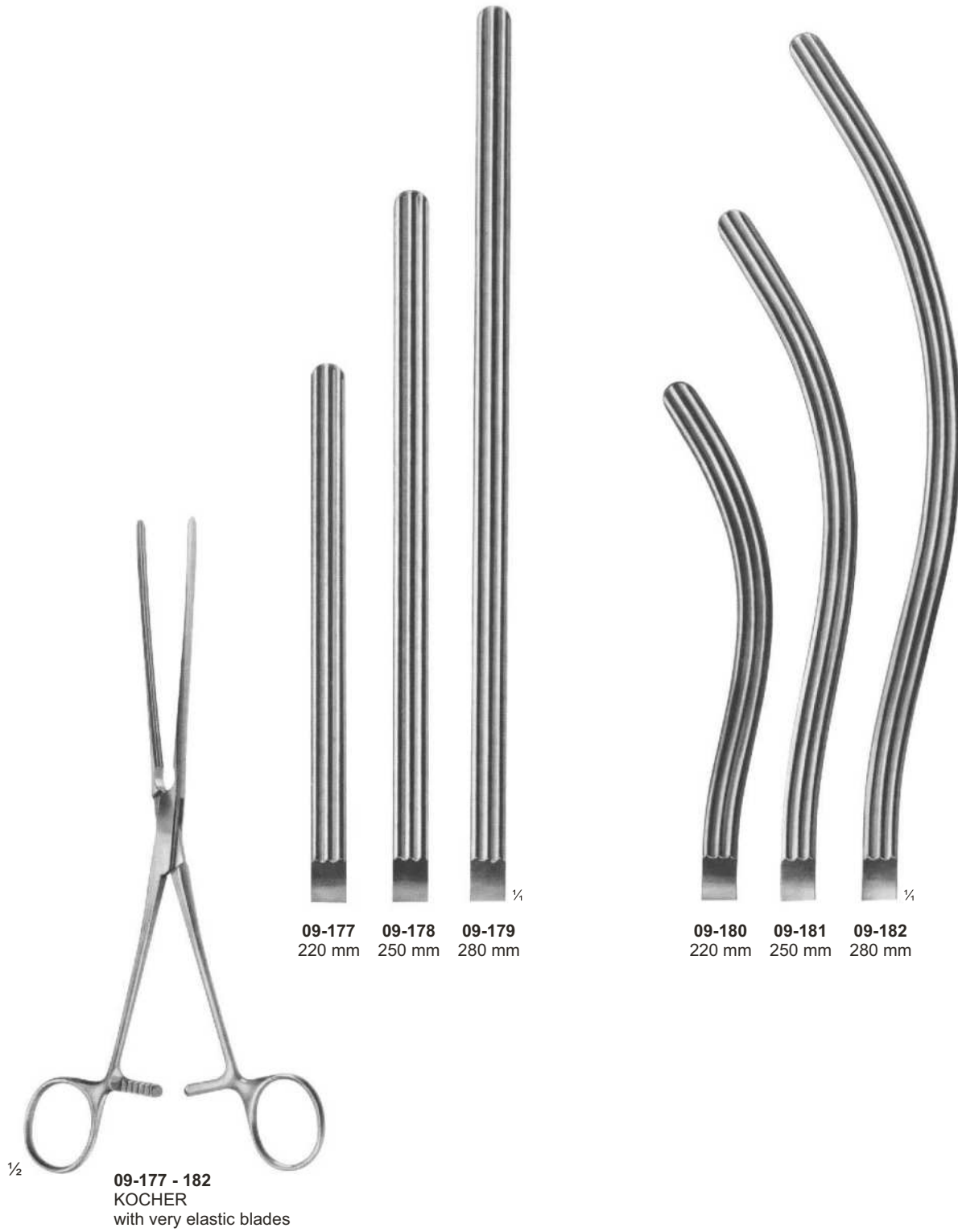
09-167 - 170
KOCHER
 with elastic blades
09-169 210 mm
09-170 230 mm

09-171 - 172
DOYEN
 with elastic blades
 210 mm

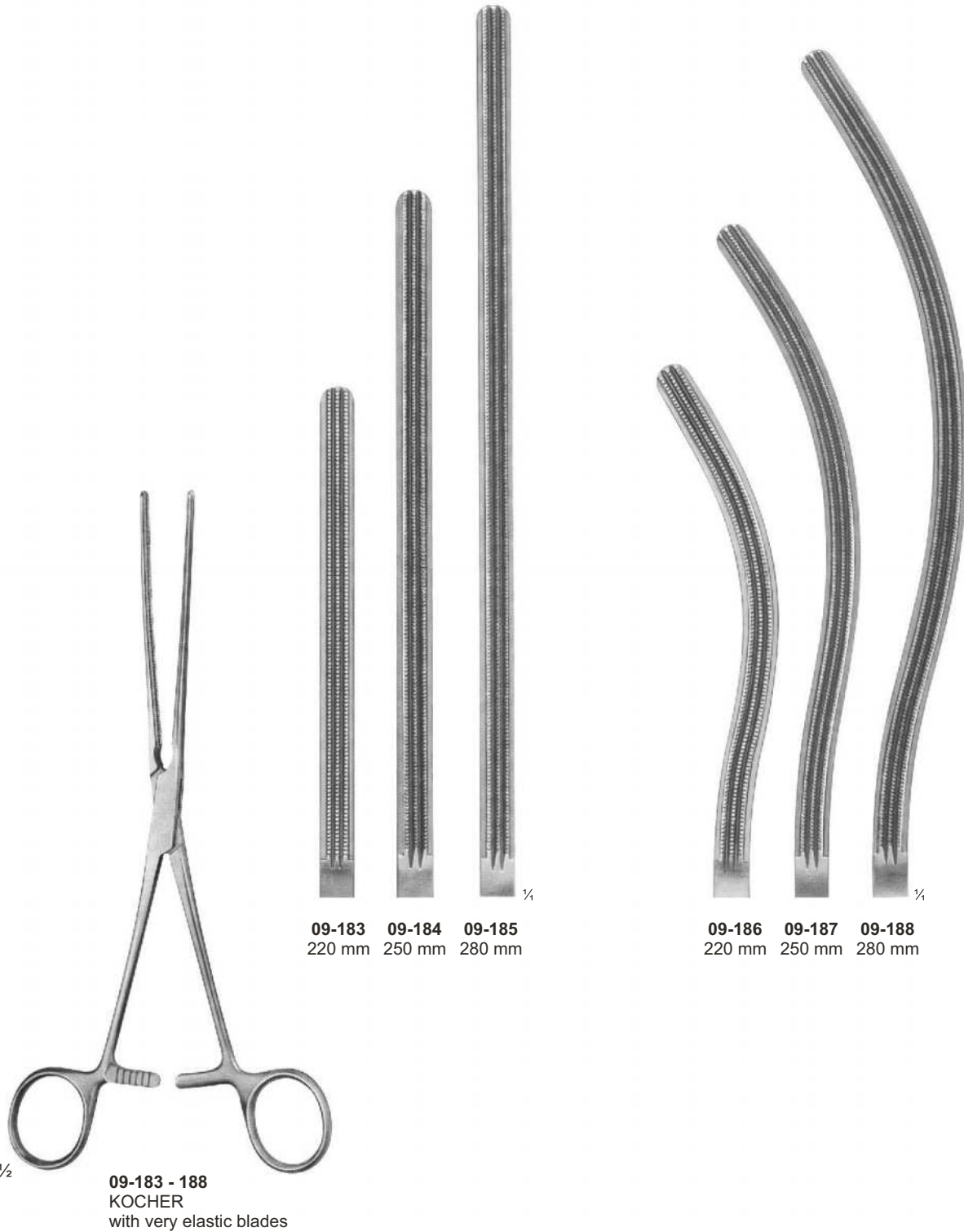
Intestinal Clamps, Soft elastic



Intestinal Clamps, Soft elastic



Intestinal Clamps, Soft elastic



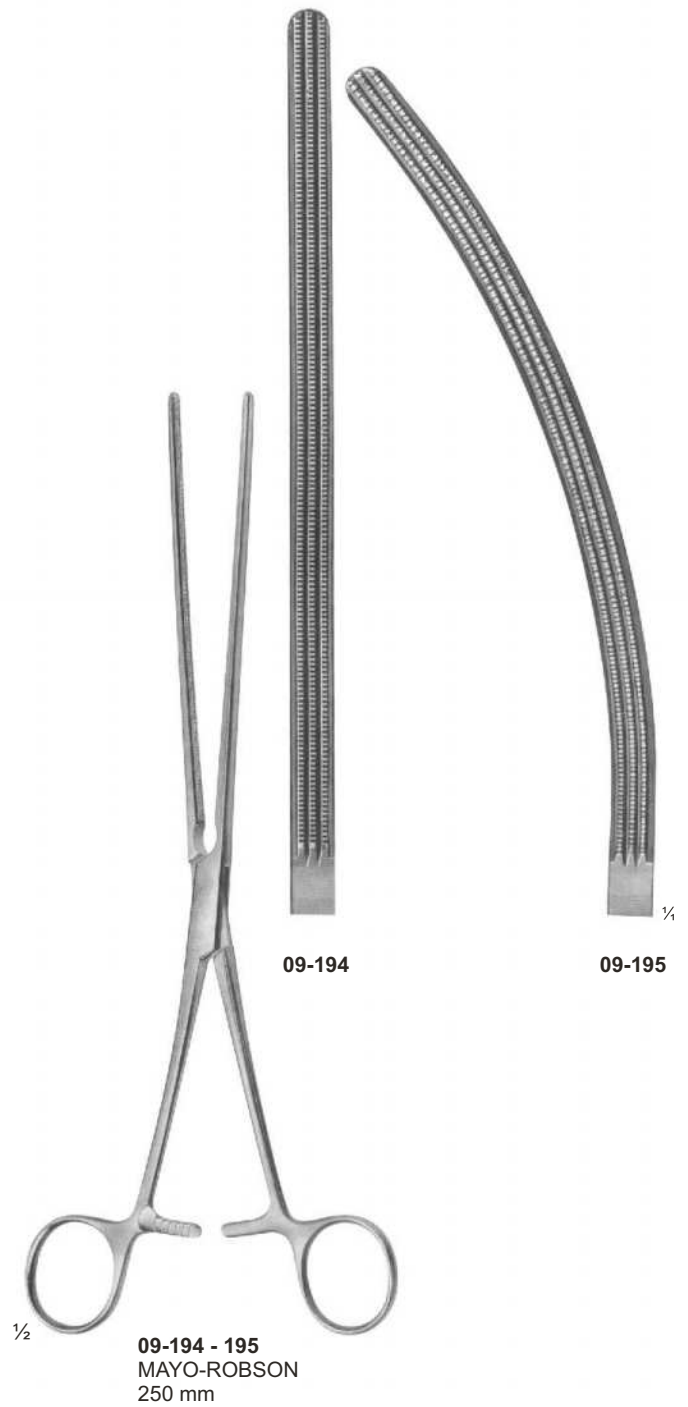
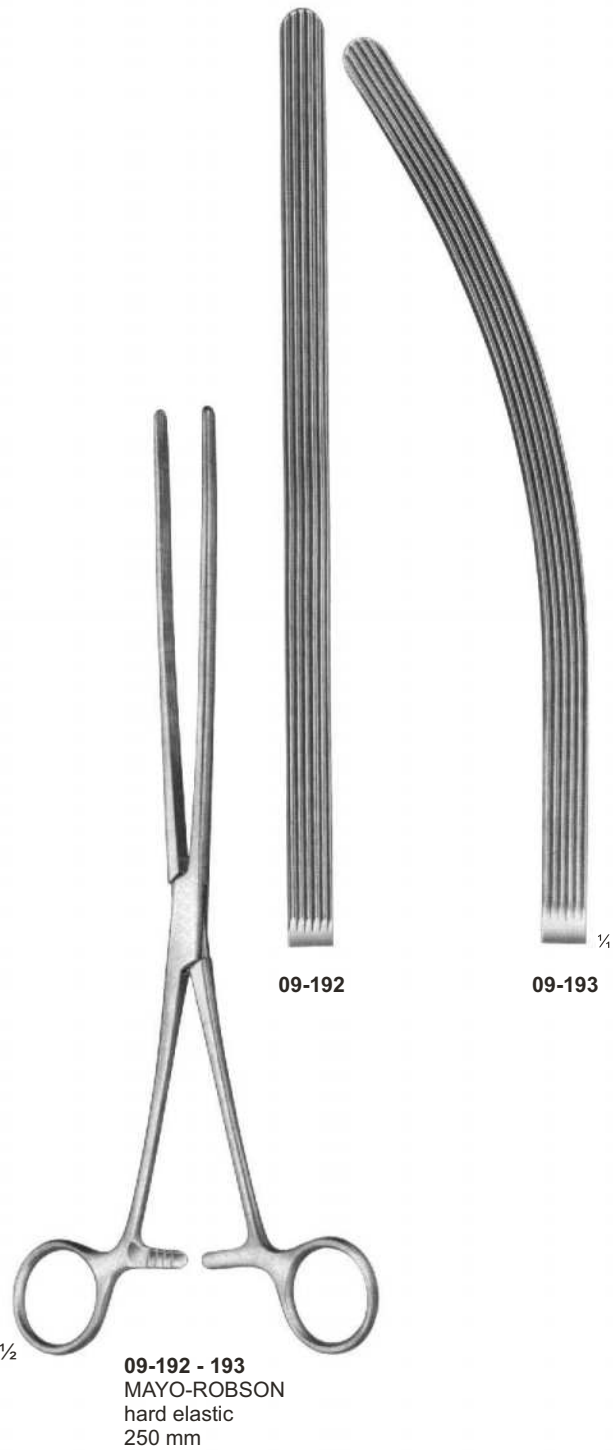
Intestinal Clamps



09-189 - 190
NUSSBAUM
with elastic blades
250 mm

09-191
MOYNIHAN
280 mm

Intestinal Clamps



Gastro-Intestinal Forceps, twin



09-196
LANE
300 mm

09-197
LANE
300 mm

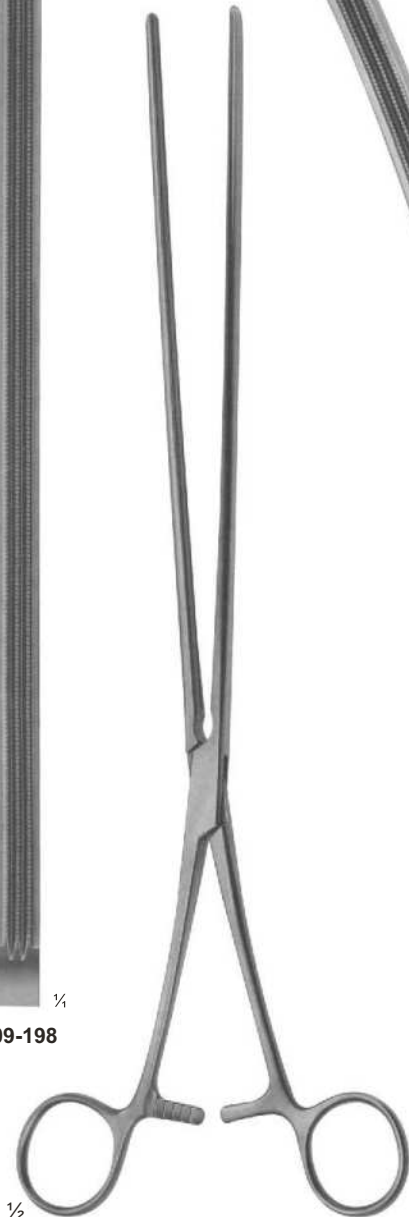
Stomach Clamps



09-198



09-199



1/2

**09-198 - 199
SCUDDER
330 mm**



1/2

**09-200
KLEINSCHMIDT
Spur crushers and
Appendectomy clamps
130 mm**



Intestinal and Pylorus Clamps



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

09-202
PAYR
200 mm

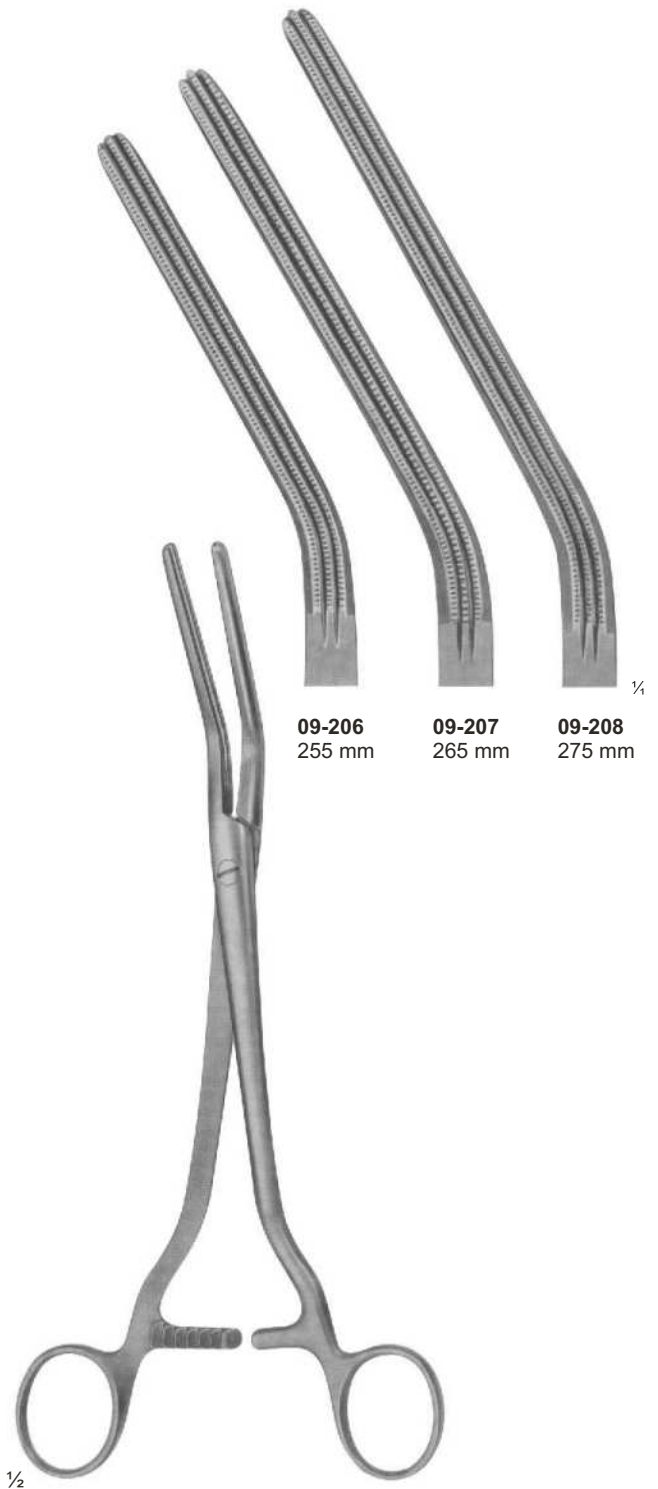
09-203
PAYR
275 mm

09-204
PAYR
Pylorus clamp
315 mm

Anastomosis Forceps



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



09-206
255 mm

09-207
265 mm

09-208
275 mm

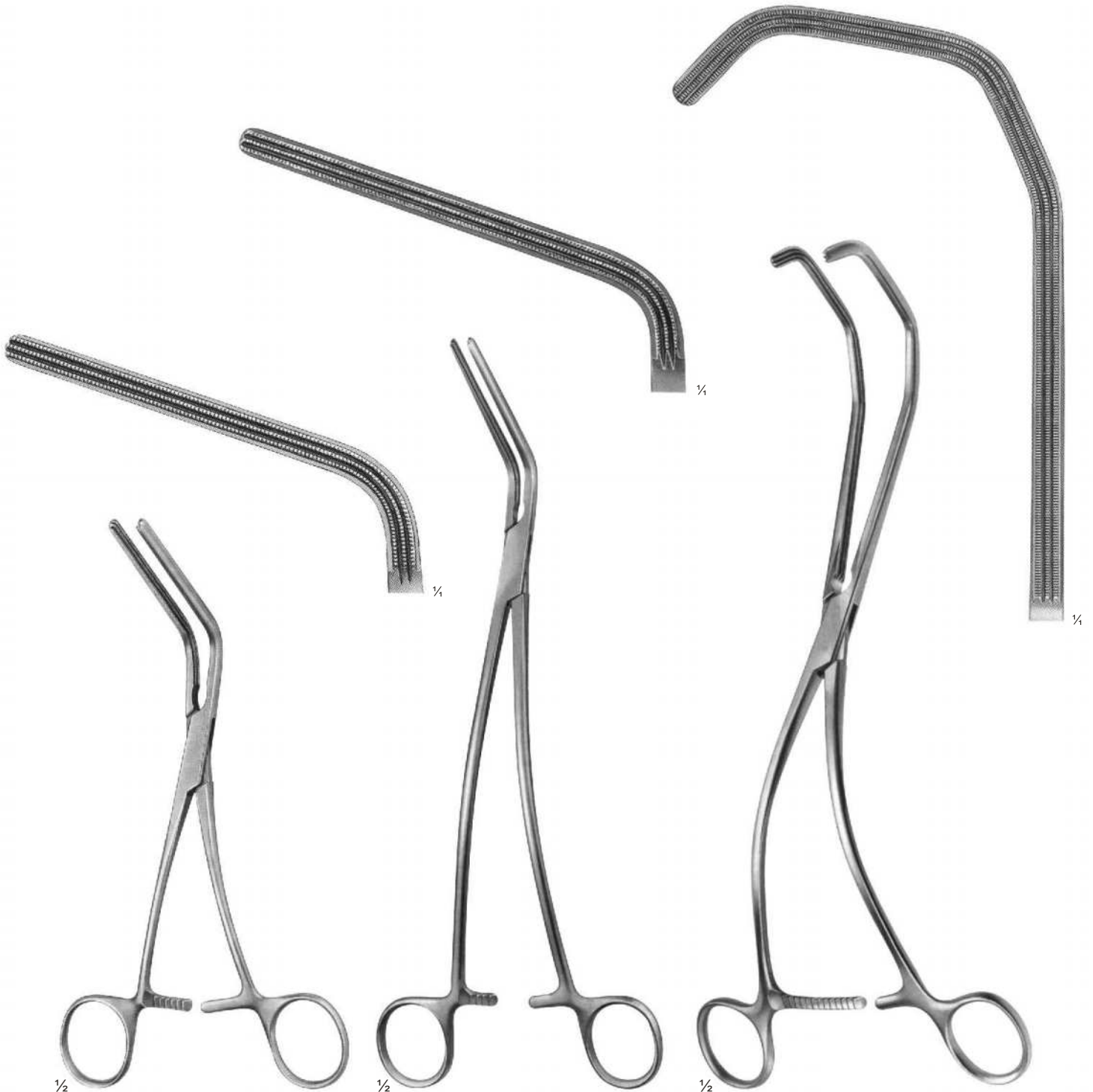
09-206 - 208
DICK
pressure clamps
180 mm



Sigmoid Anastomosis Forceps



Sigmoid Anastomosis Forceps



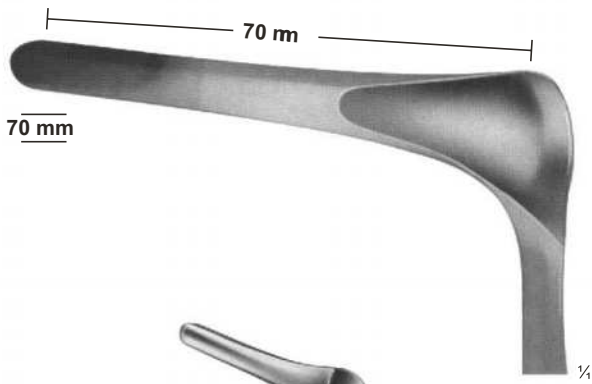
09-212
MORRIS
175 mm

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

09-214
KERSTING
270 mm



Rectal Specula



10-101
KILLIAN
for children
145 mm



10-102
SIMS
160 mm



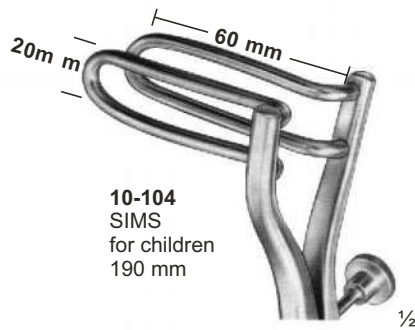
10-103
SIMS
160 mm

Rectal Specula



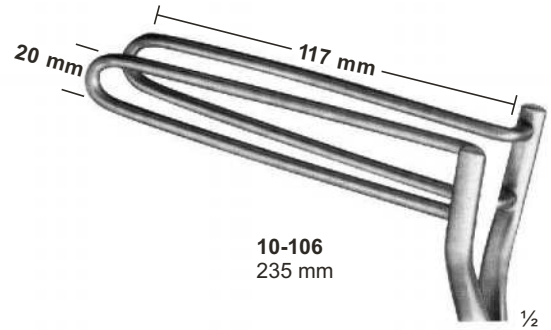
1/2

10-104 - 107



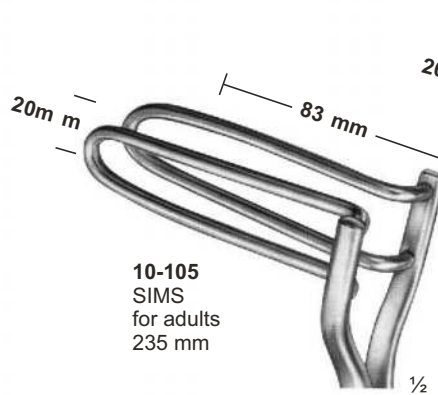
10-104
SIMS
for children
190 mm

1/2



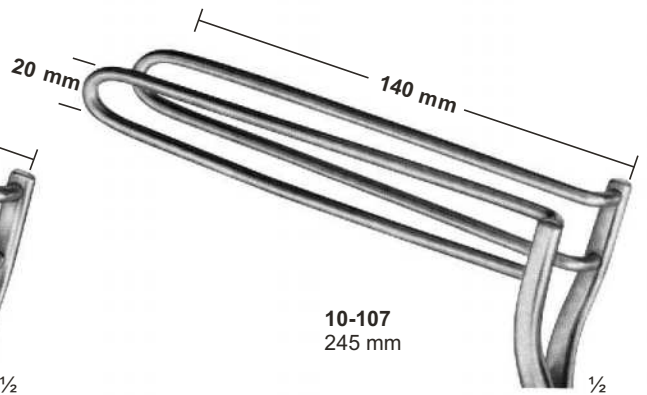
10-106
235 mm

1/2



10-105
SIMS
for adults
235 mm

1/2



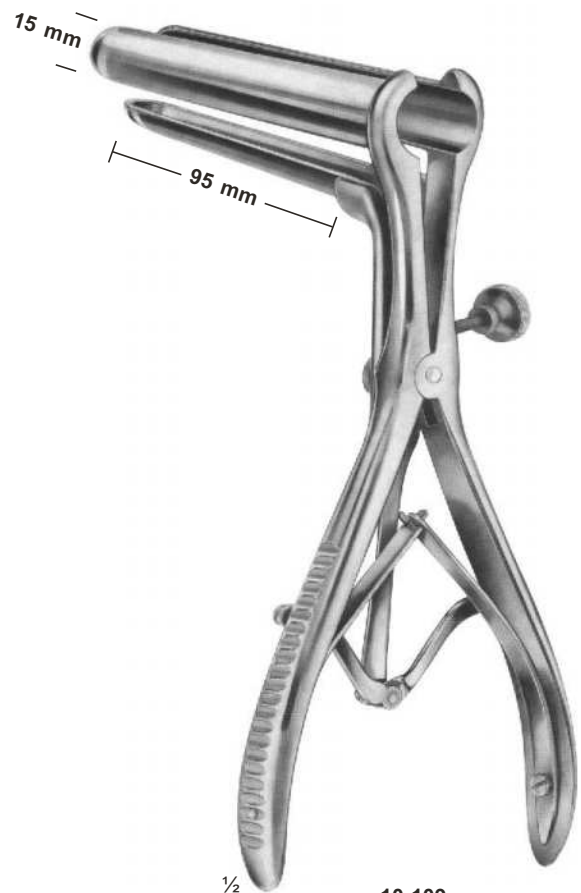
10-107
245 mm

1/2



1/2

10-108
PRATT
205 mm



1/2

10-109
MATHIEU
215 mm



Anuscopes-Sphincteroscopes



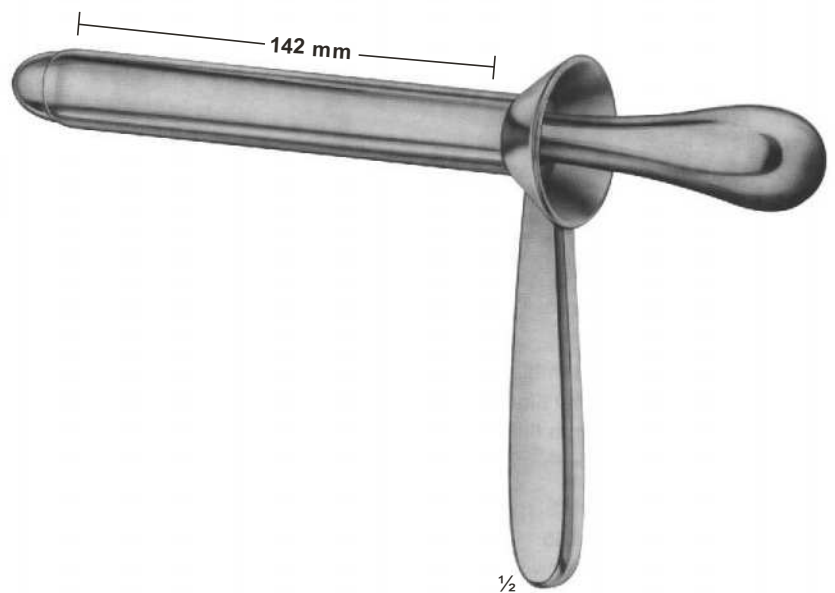
10-110
IVES-FANSLER
Anuscope
145 mm



10-111
KELLY
Sphincteroscope
160 mm

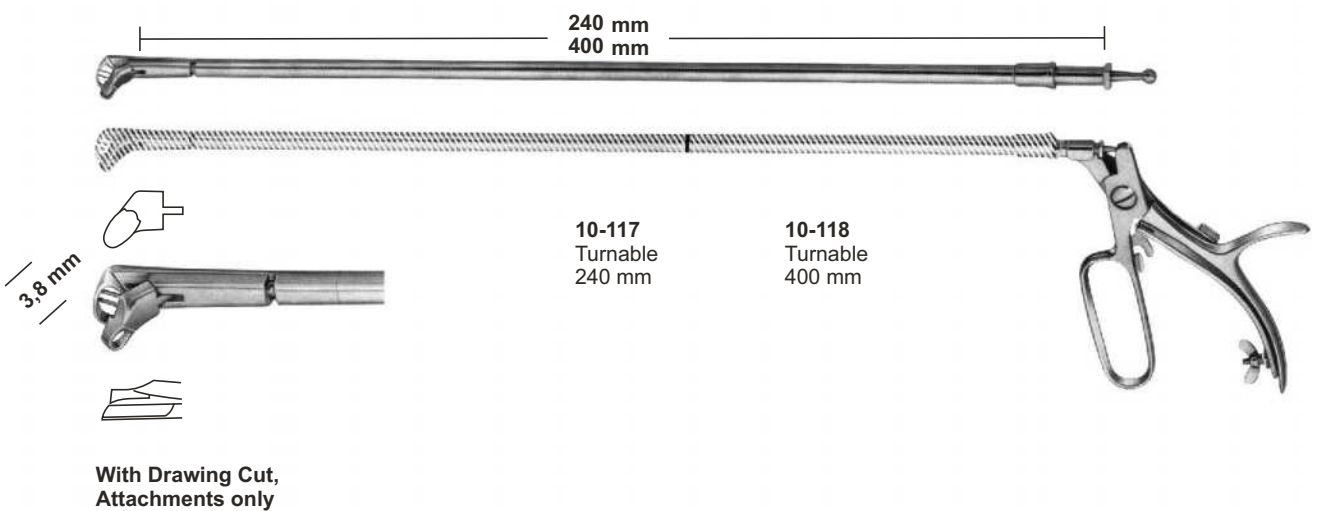
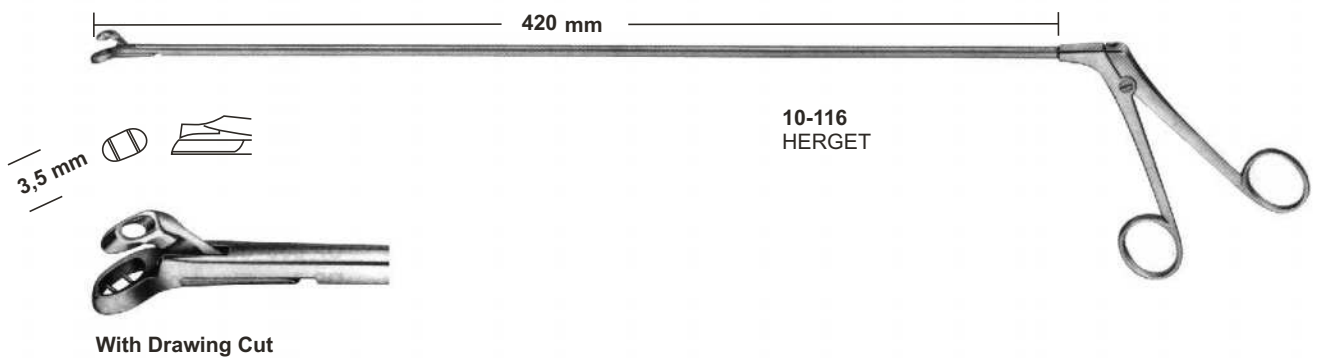
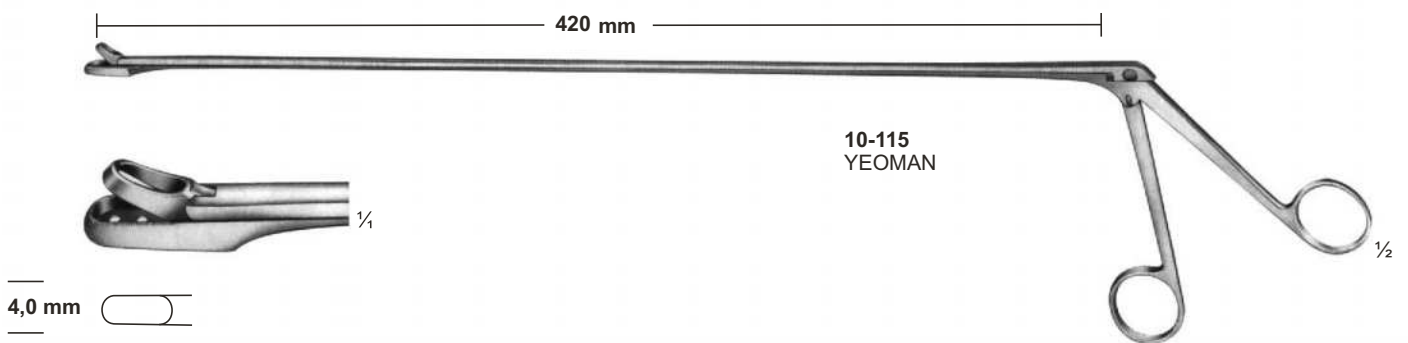
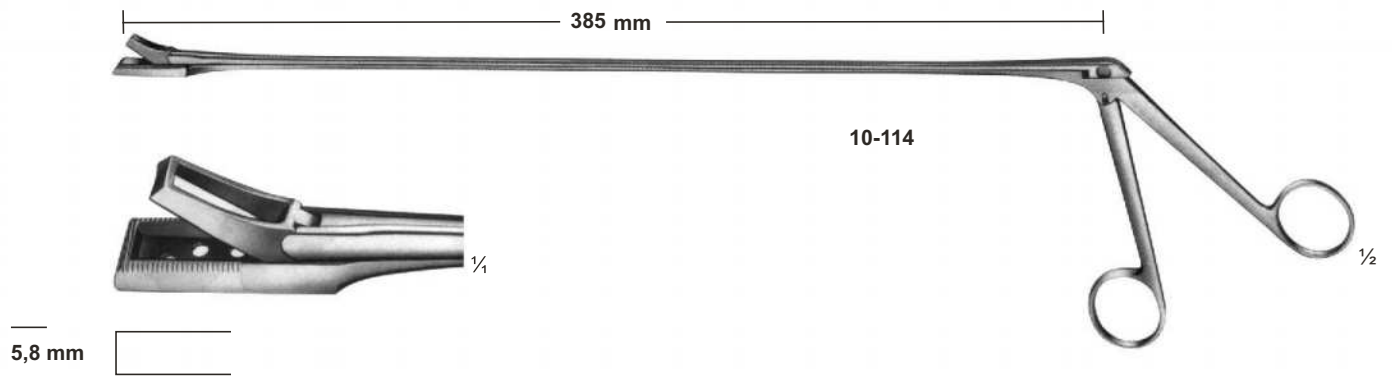


10-112
KELLY
Sphincteroscope
160 mm



10-113
KELLY
Proctoscope
160 mm

Biopsy forceps for rectum



Biopsy Forceps & Swab Holders



3,5 mm



10-119

3,5 mm



10-120

4,0 mm



10-121

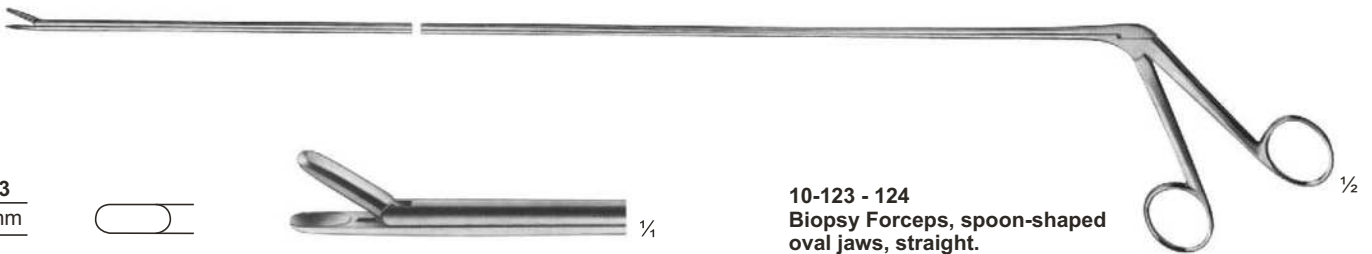
4,0 mm



10-122



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

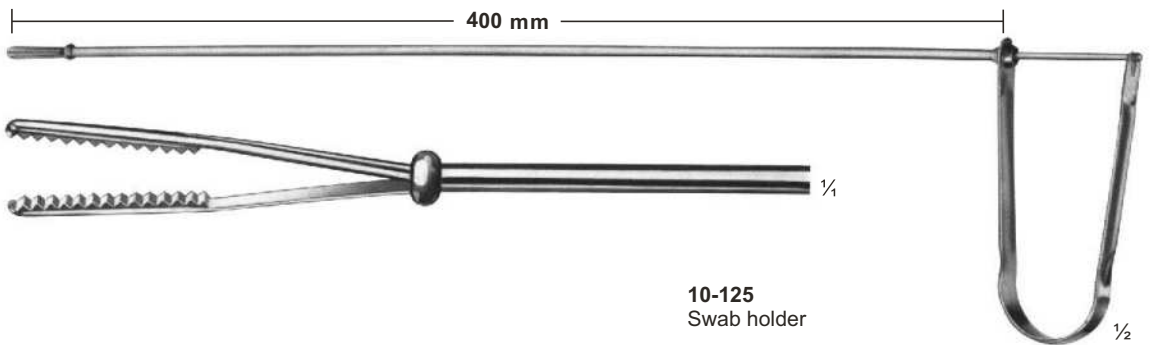


10-123
3,5 mm



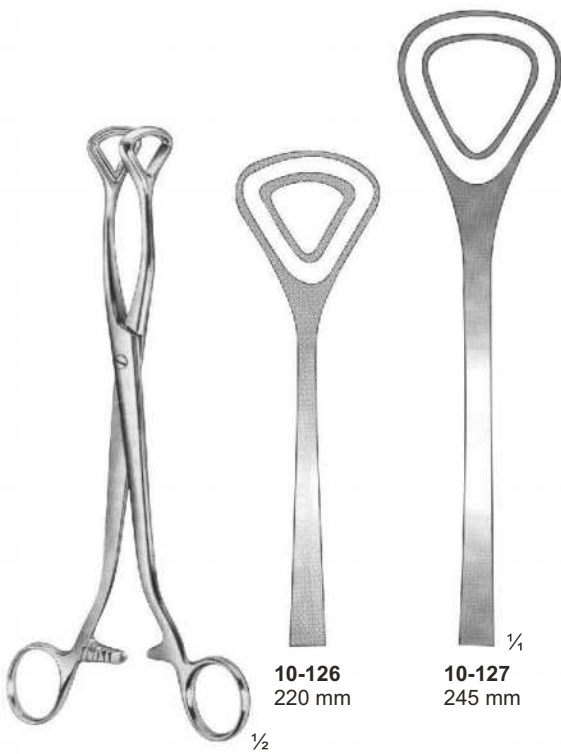
10-123 - 124
Biopsy Forceps, spoon-shaped
oval jaws, straight.

10-124
4, mm



10-125
Swab holder

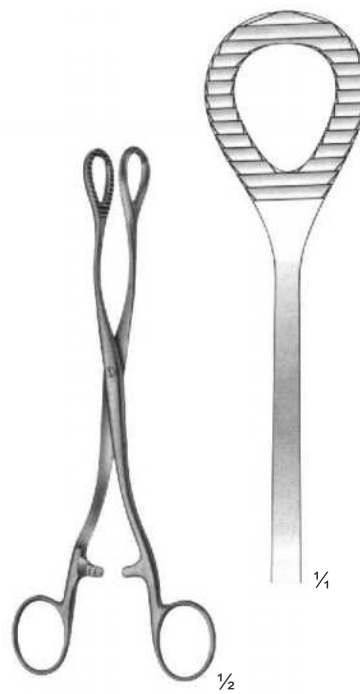
Haemorrhoidal Forceps



10-126 - 127
LUER

10-126
220 mm

10-127
245 mm



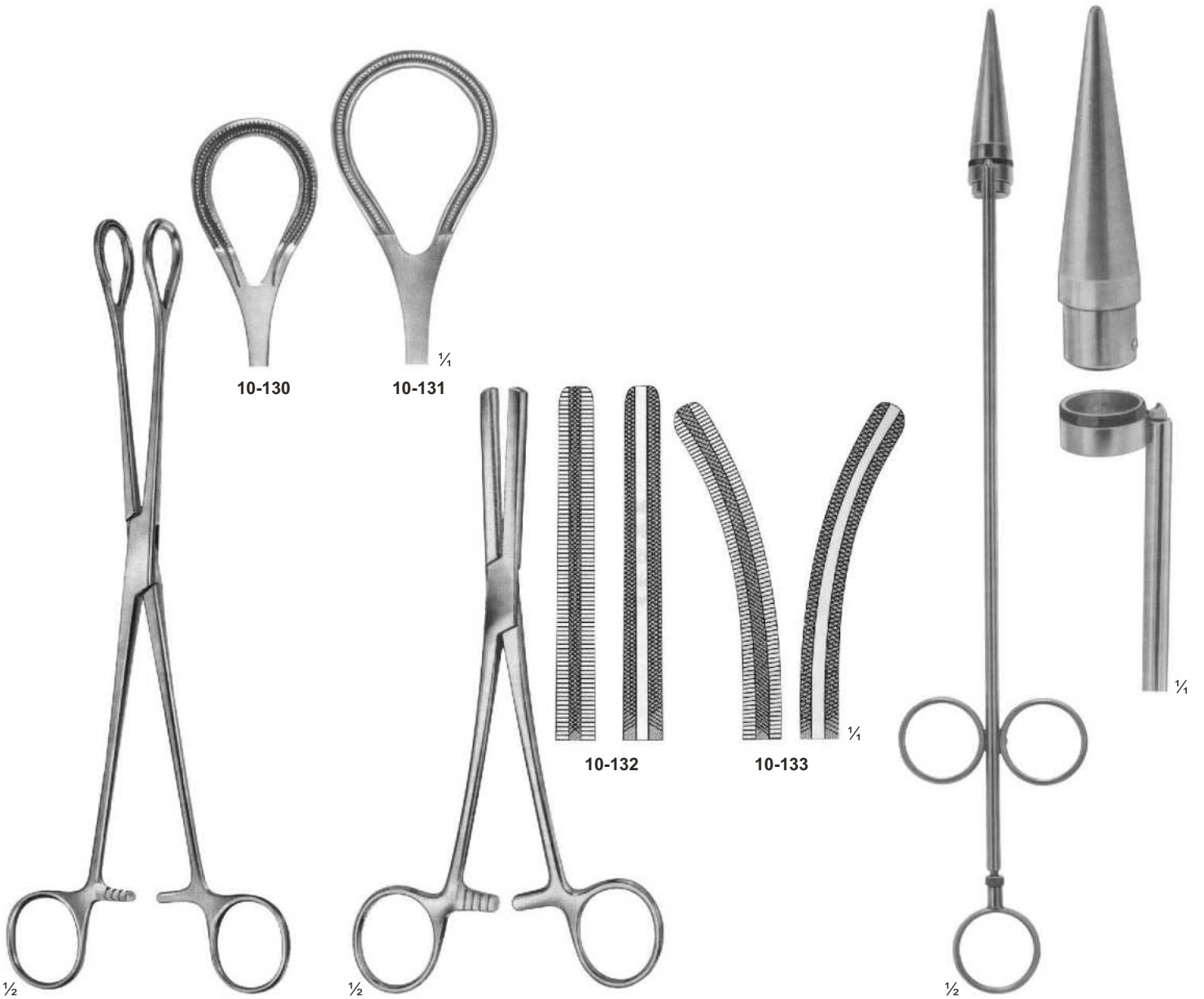
10-128
HEYWOOD-SMITH
200 mm



10-129
HEYWOOD-SMITH
modif
200 mm



Haemorrhoidal Forceps



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

10-132 - 133
FERGUSON
200 mm

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

Gall Duct Forceps



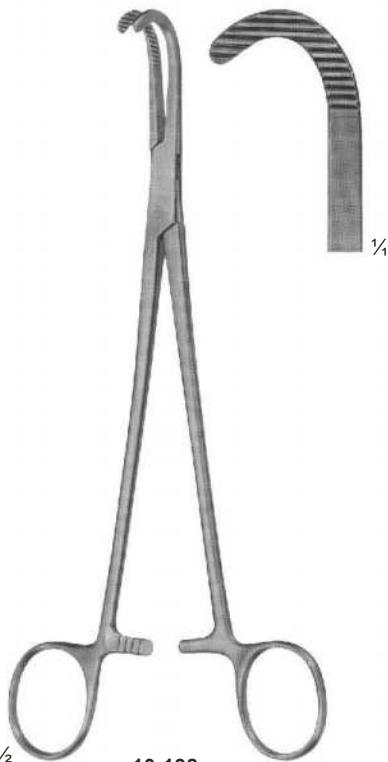
10-135
LOWER
180 mm



10-136
LAHEY (SWEET)
190 mm



10-137
LAHEY
220 mm



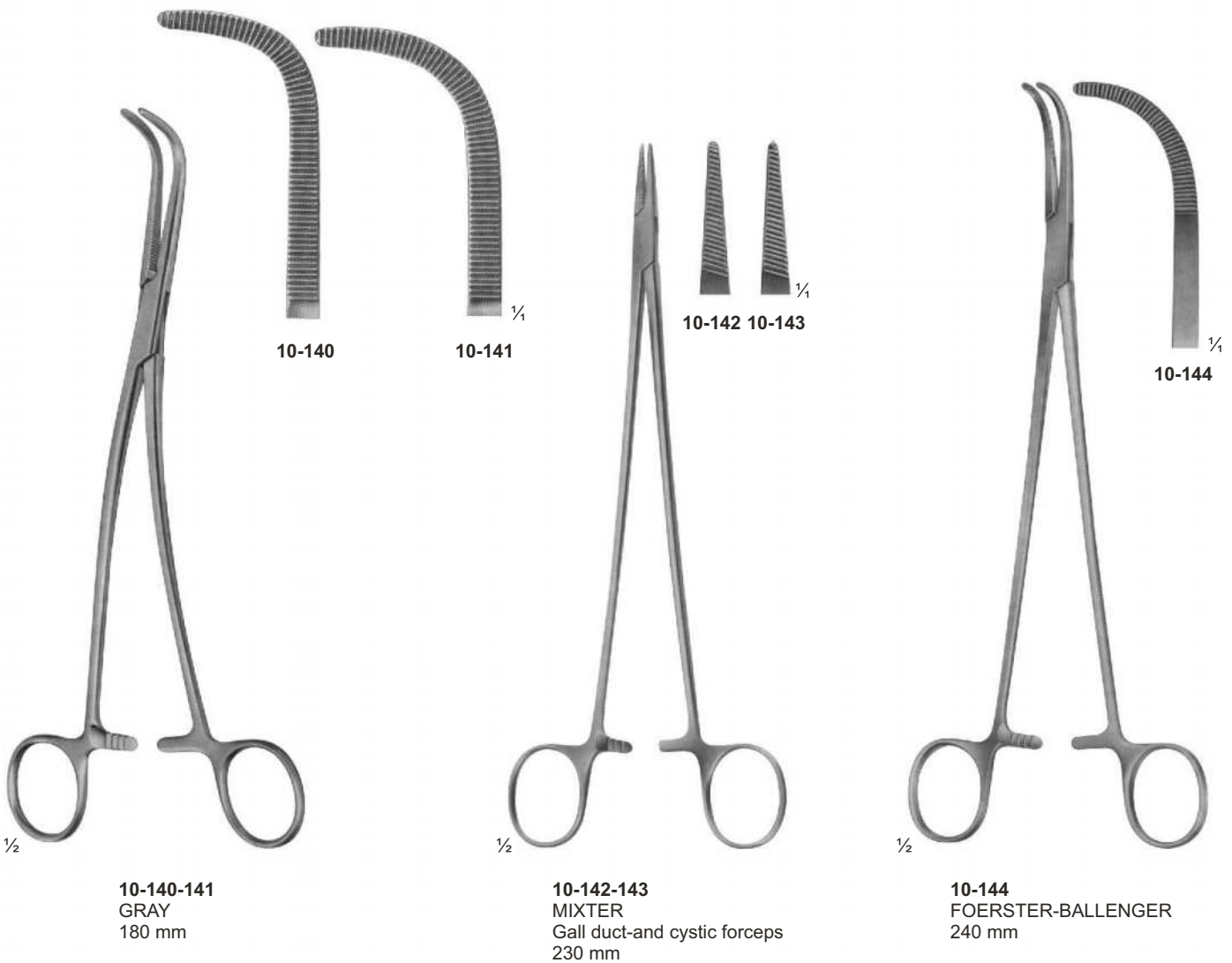
10-138
DESJARDINS
Gall duct-and cystic forceps
210 mm



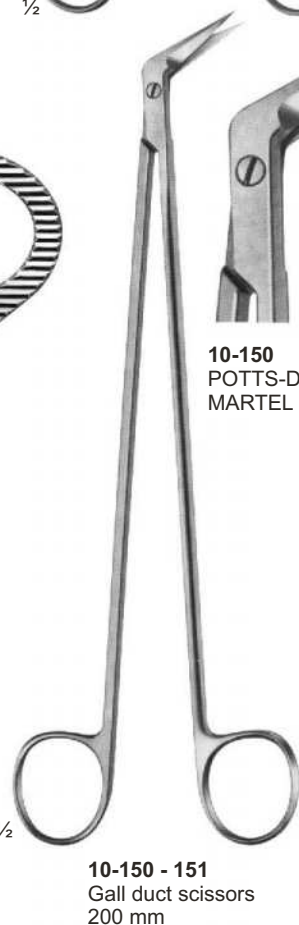
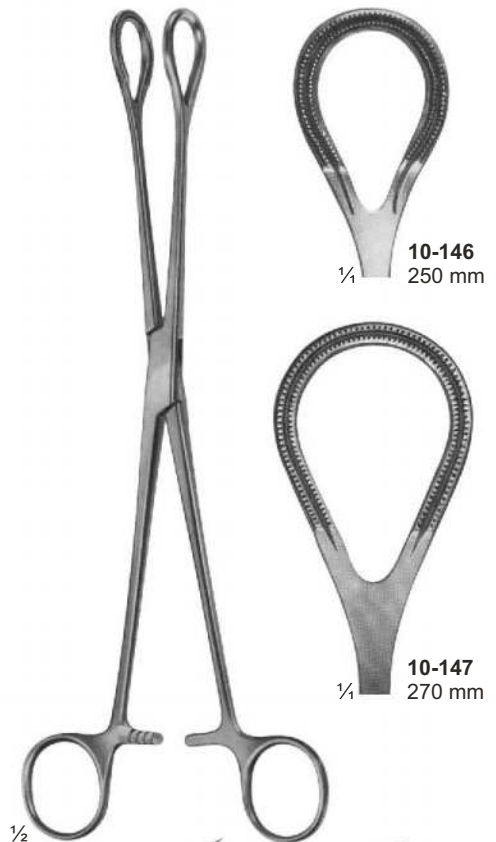
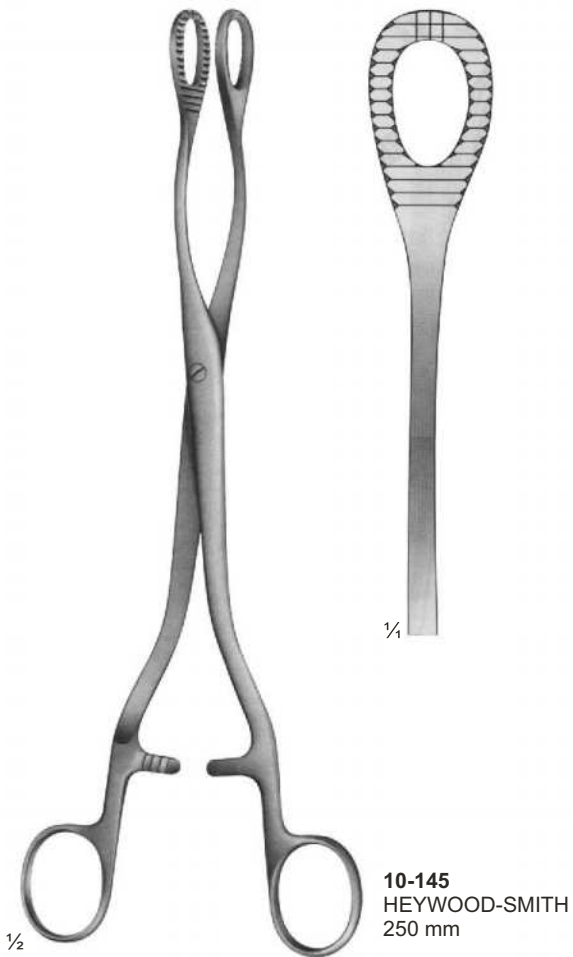
10-139
NISSEN
Gall duct-and cystic forceps
215 mm



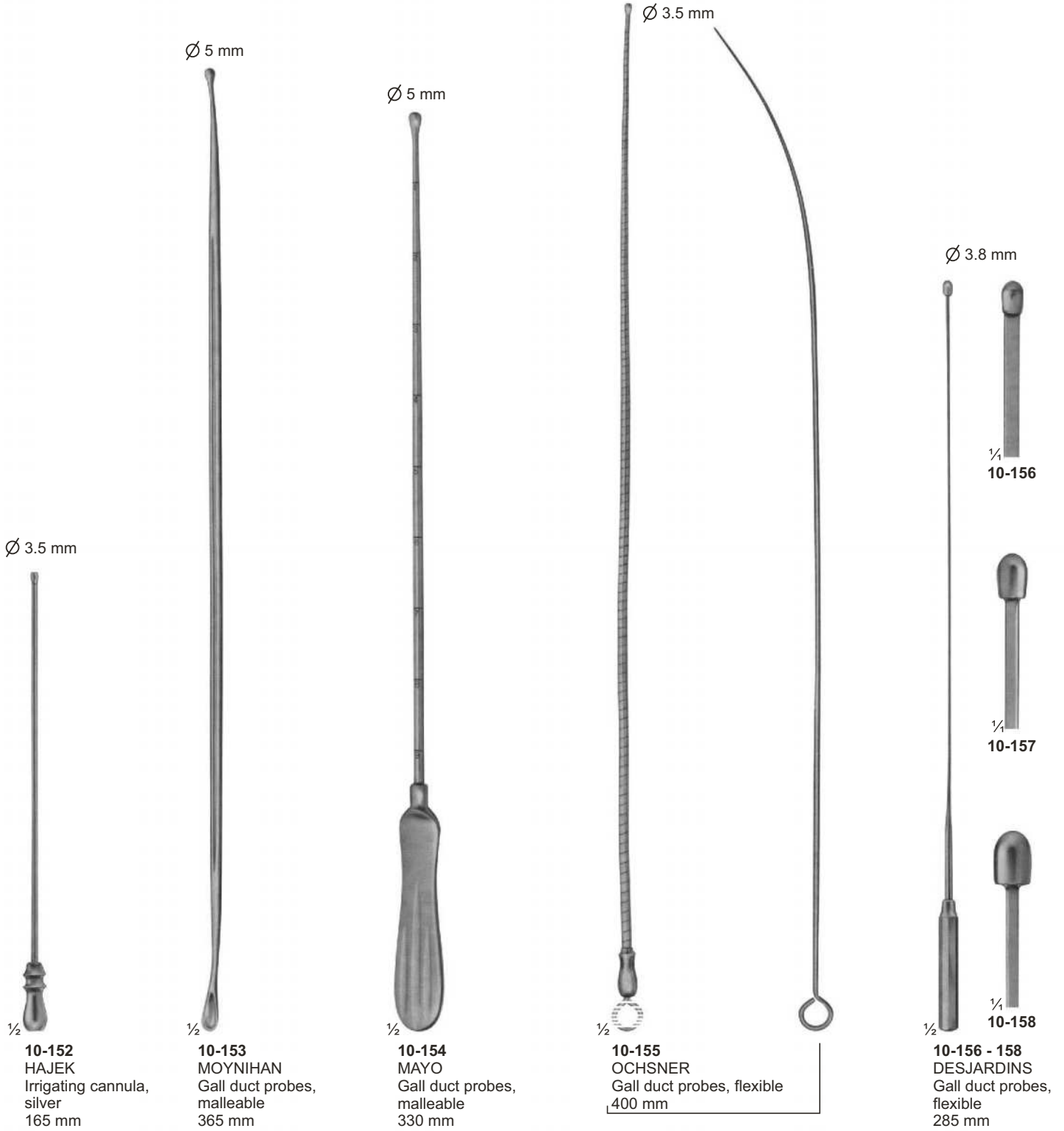
Gall Duct Forceps and Choledochus Forceps



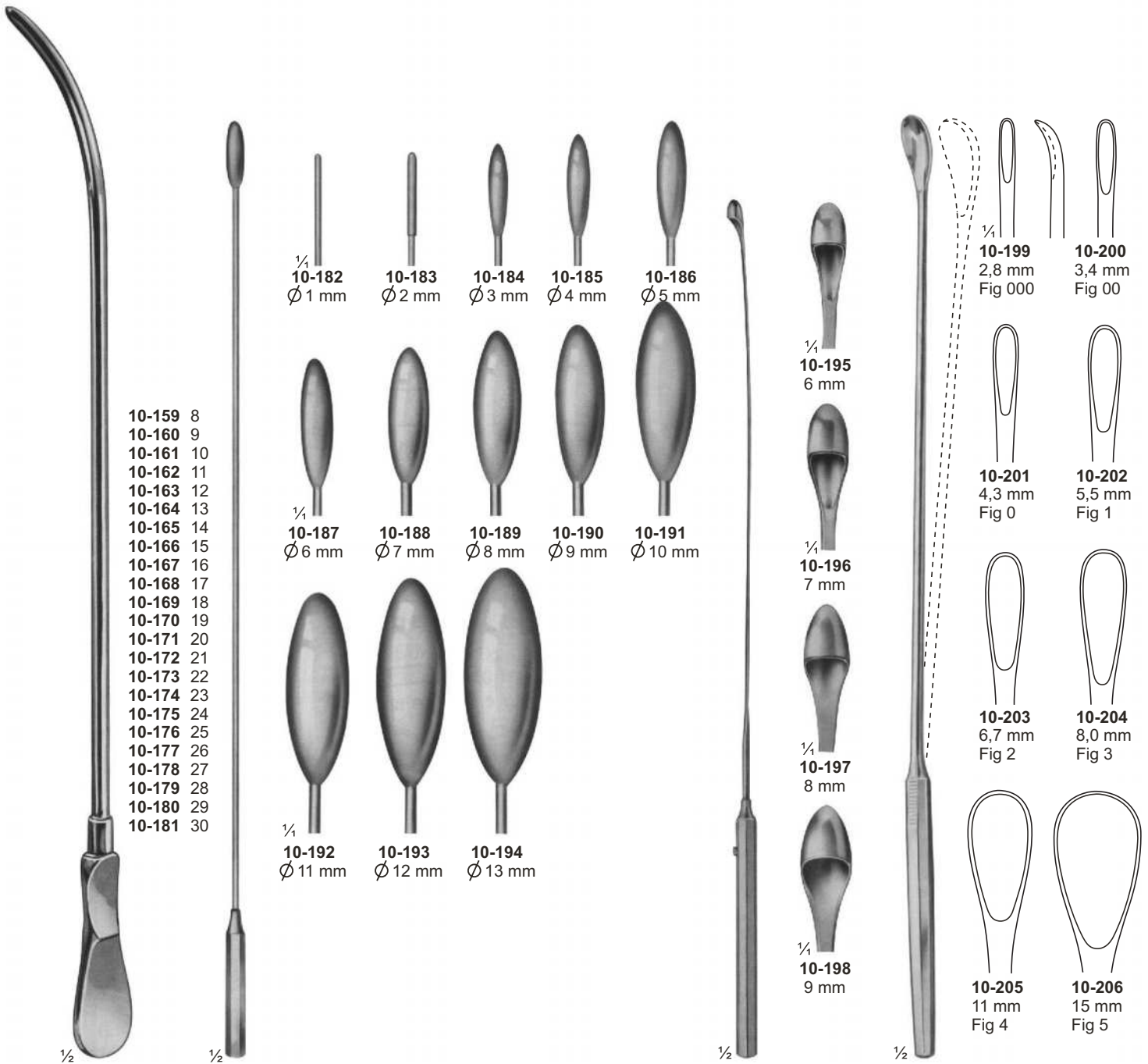
Gall Bladder Forceps and Gall Duct Scissors



Gall Duct Probes



Gall Duct Dilators & Gall Stone Scoops



- 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

1/4
10-182
Ø 1 mm

10-183
Ø 2 mm

10-184
Ø 3 mm

10-185
Ø 4 mm

10-186
Ø 5 mm

1/4
10-187
Ø 6 mm

10-188
Ø 7 mm

10-189
Ø 8 mm

10-190
Ø 9 mm

10-191
Ø 10 mm

1/4
10-192
Ø 11 mm

10-193
Ø 12 mm

10-194
Ø 13 mm

1/4
10-195
6 mm

1/4
10-196
7 mm

1/4
10-197
8 mm

1/4
10-198
9 mm

1/4
10-199
2,8 mm
Fig 000

10-200
3,4 mm
Fig 00

10-201
4,3 mm
Fig 0

10-202
5,5 mm
Fig 1

10-203
6,7 mm
Fig 2

10-204
8,0 mm
Fig 3

10-205
11 mm
Fig 4

10-206
15 mm
Fig 5

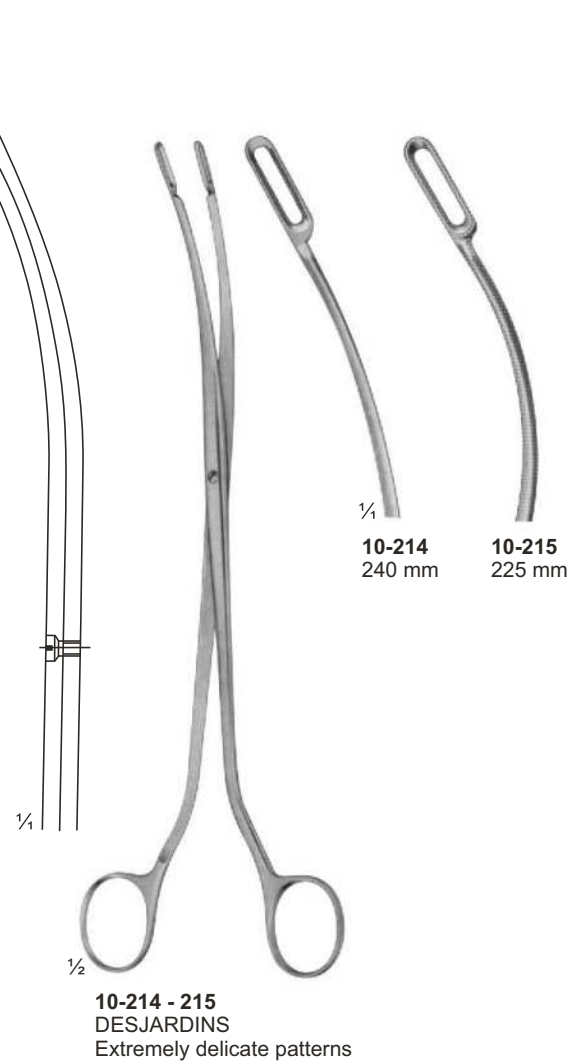
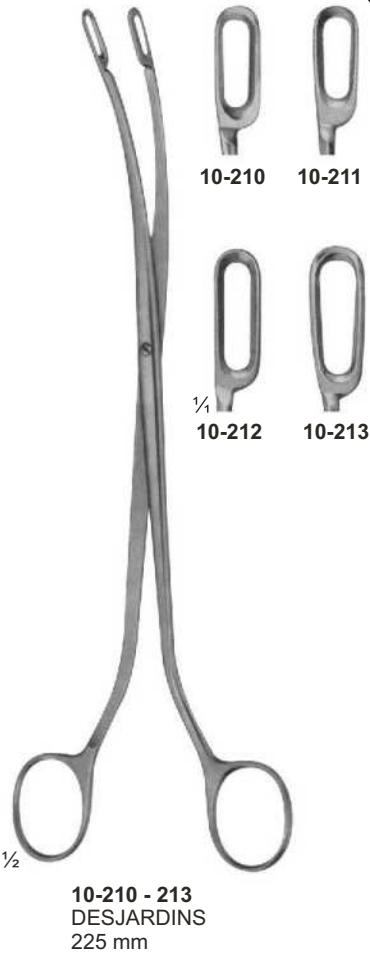
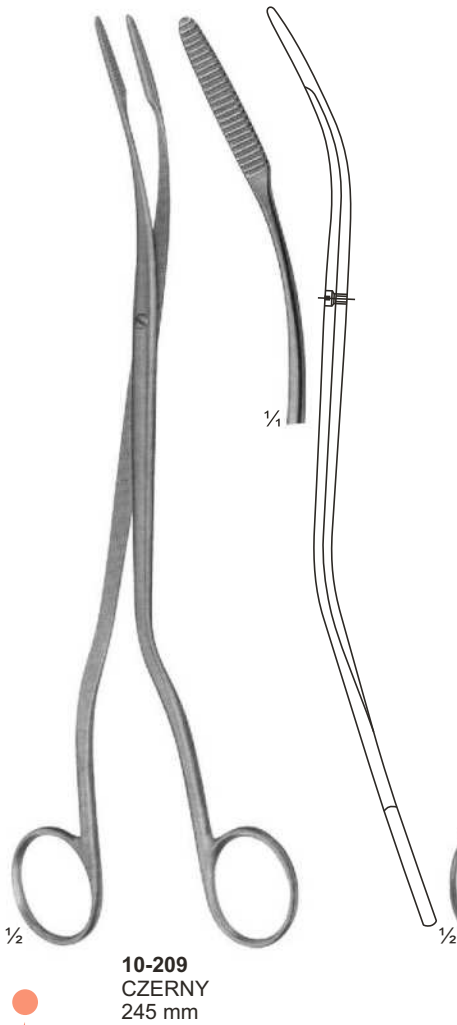
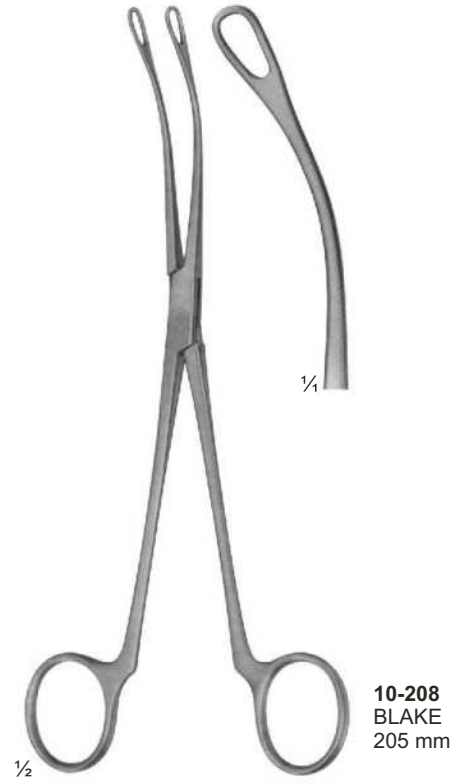
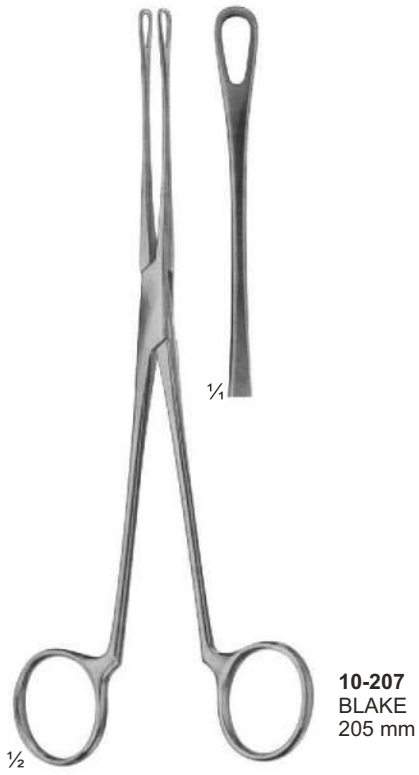
10-159 - 181
DITTEL
Metall bougies and
dilating sounds, stiff
345 mm

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

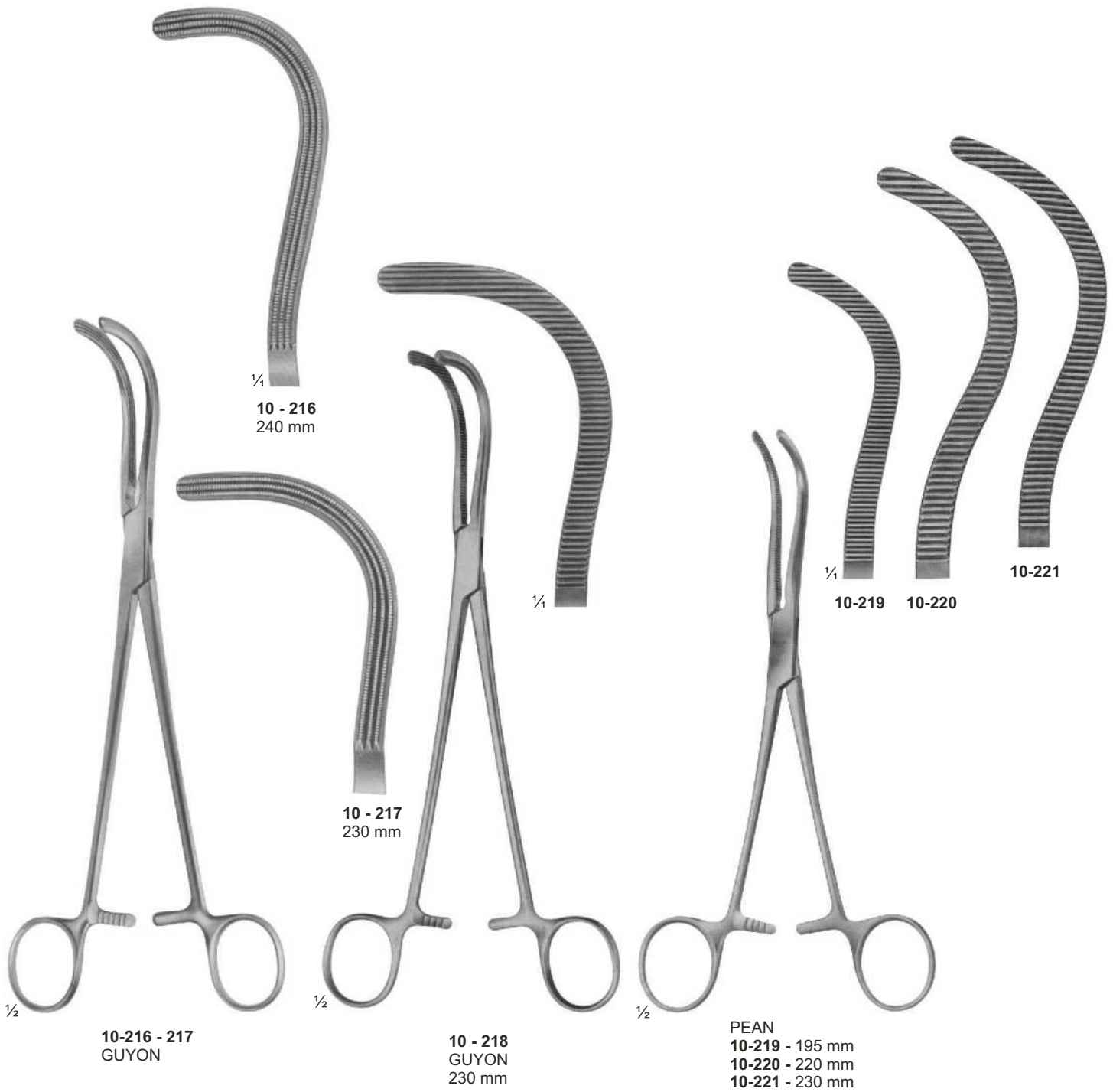
10-195 - 198
DESJARDINS
Probes and catch
with flexible shaft
300 mm

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

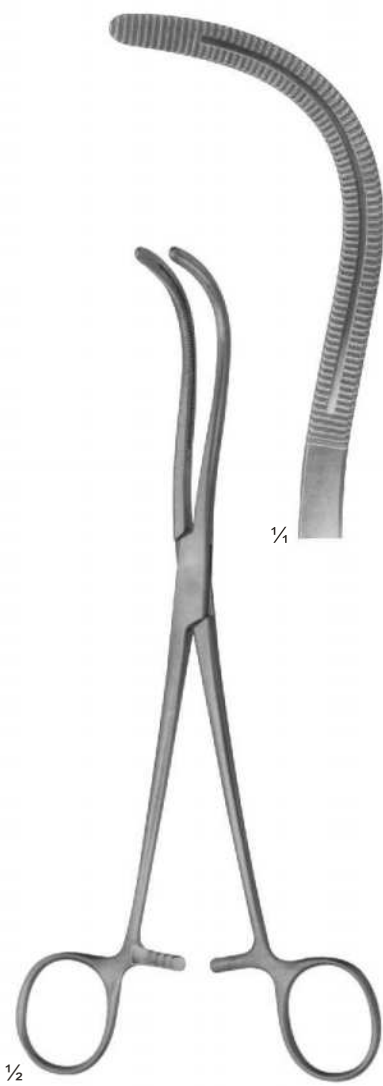
Gall Stone Forceps



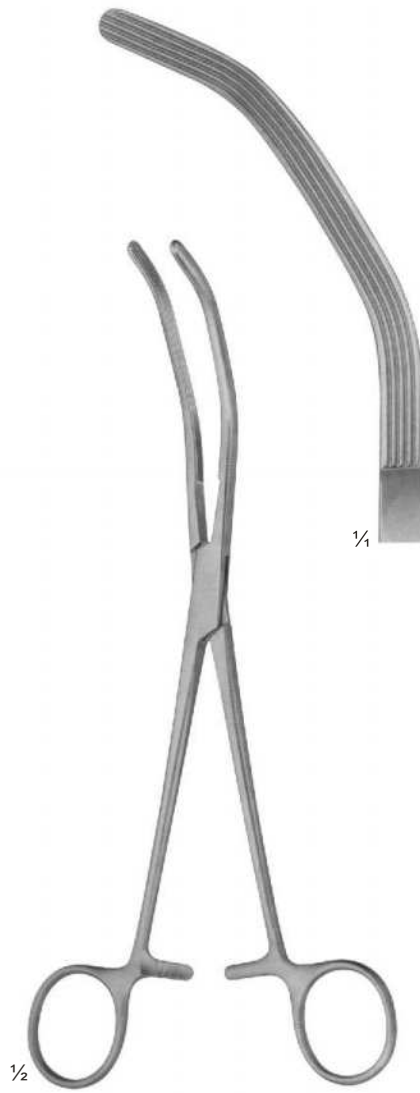
Kidney Clamps



Kidney Clamps



10-222
STILLE
220 mm



10-223
HERRICK
225 mm



10-224
WERTHEIM
225 mm

Kidney Elevating Forceps



1/2

10-225
COLLIN
285 mm



1/2

10-226
DARTIGUES
255 mm



Kidney Stone Forceps



10-227



10-228



10-229



$\frac{1}{4}$
10-230



$\frac{1}{2}$

**10-227 - 230
RANDALL
225 mm**



10-231



10-232



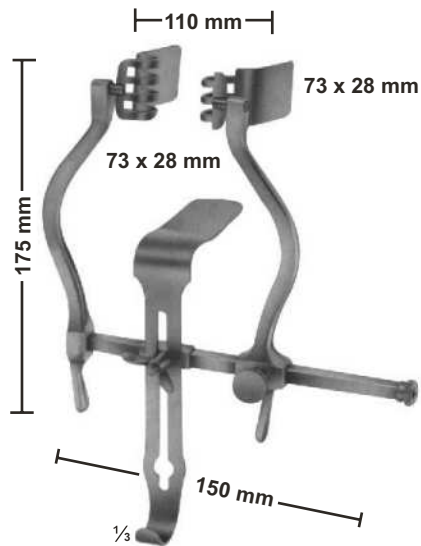
$\frac{1}{4}$
10-233



$\frac{1}{2}$

**10-231 - 233
RANDALL
190 mm**

Bladder Retractors



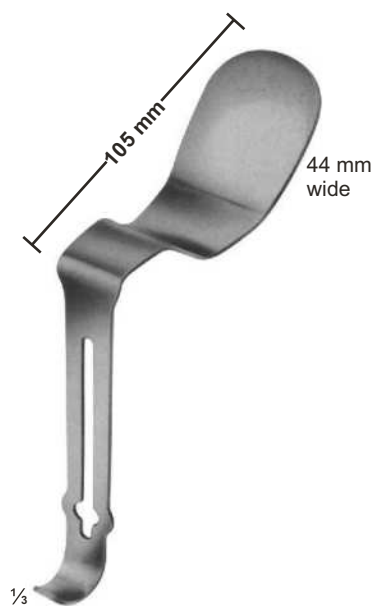
11-101
JUDD-MASSON
Bladder and suprapubic
retractor



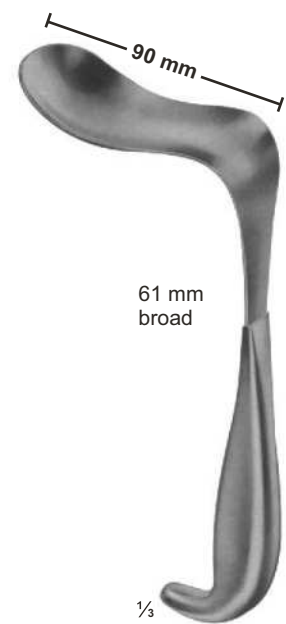
11-102
MILLIN
Bladder retractor
105X45 mm



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



11-104
MILLIN
Center bladder for
retro pubic prostatectomy

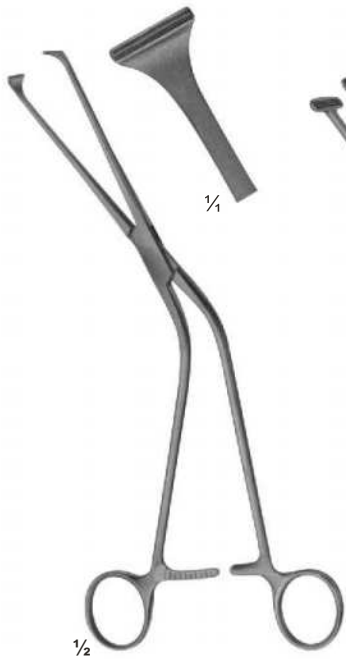


11-105
KOCHER
Bladder spatula
235 mm

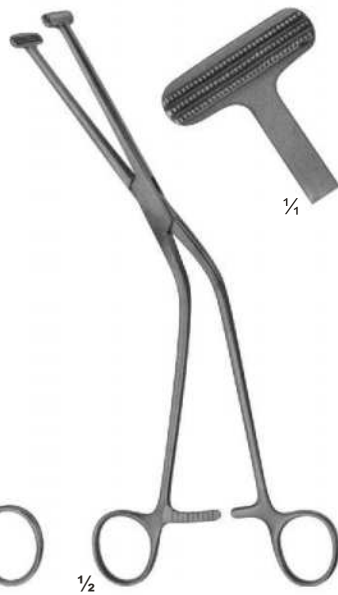
Genito-Urinary Instruments-Prostatectomy



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



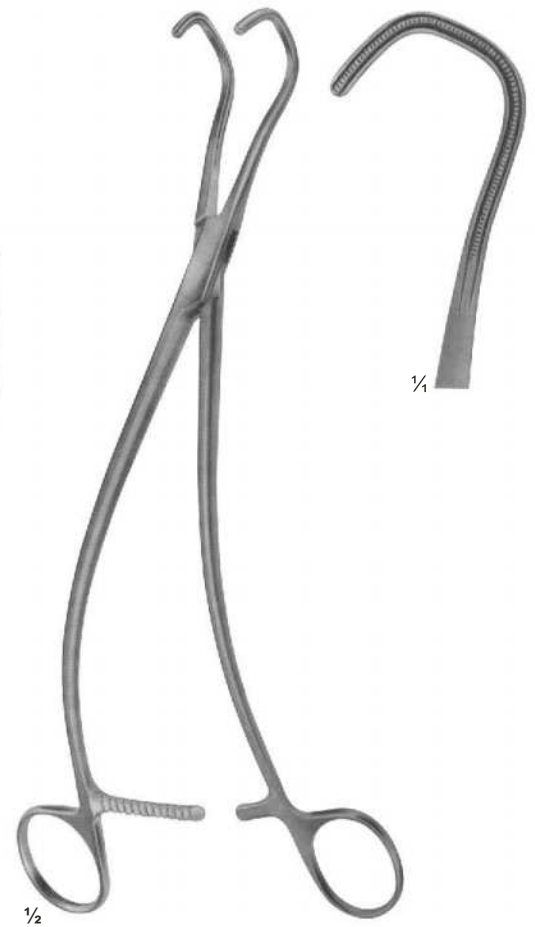
11-107
MILLIN
Lobe grasping
forceps
245 mm



11-108
MILLIN
Lobe grasping
forceps
235 mm



11-109
MILLIN
Bladder neck spreader
285 mm

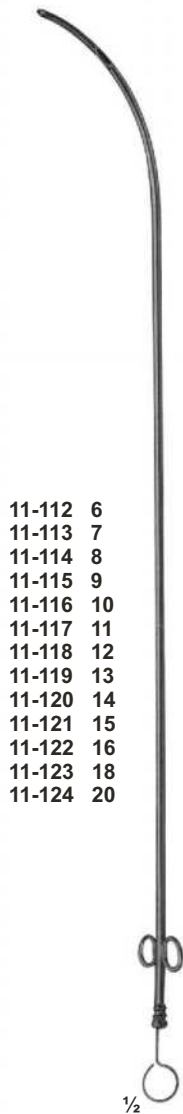


11-110
Ureter forceps
240 mm

Genito-Urinary 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

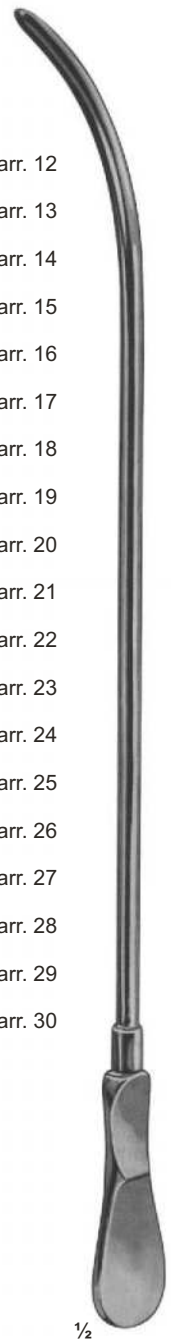
11-112 - 124
Female catheters,
metal
160 mm



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

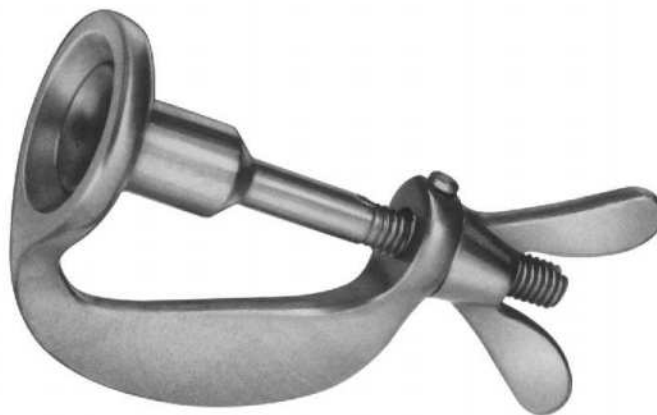


11-148 - 184
Urethral bougies
and dilating sounds
255 mm

Genito-Urinary Instruments & Circumcision Clamps



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

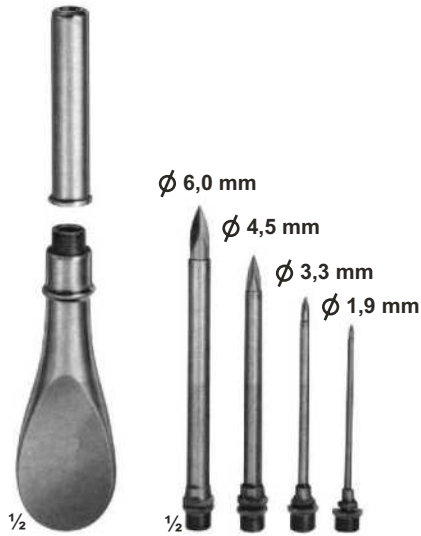
Circumcision Clamps

12 mm / 16 mm / 20 mm

Trocars



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



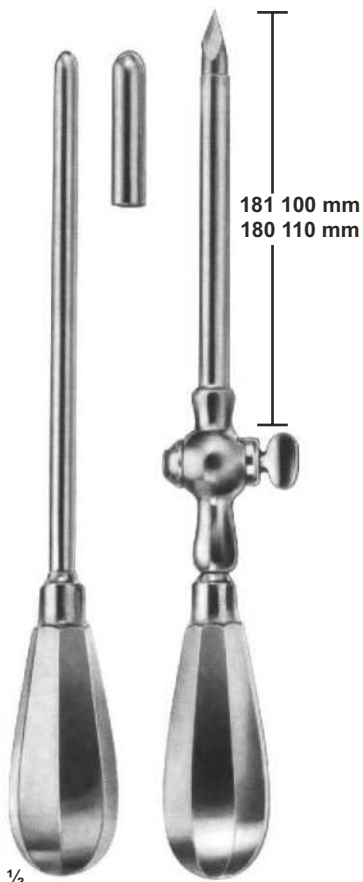
11-188
Universal trocar
with 4 tips



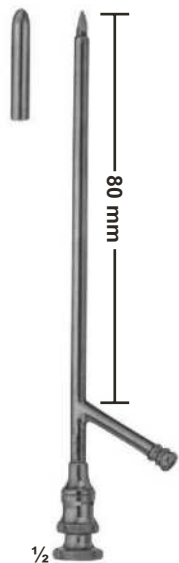
11-189 - 193
Inside dime. Outside dime
11-189 2,2 mm 3,0 mm
11-190 3,0 mm 4,0 mm
11-191 4,0 mm 5,0 mm
11-192 5,0 mm 6,0 mm
11-193 5,5 mm 6,5 mm
for hydrocele and abdominal puncture



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

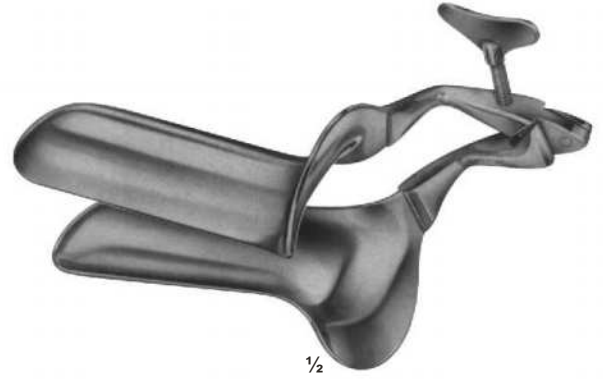


11-205
COAKLEY
Antrum trocar
3,0 mm

Vaginal specula



12-101
COLLIN
for children
53 x 10 mm



12-102 - 105
COLLIN

12-102	100/90mm	28 mm
12-103	100/90mm	32 mm
12-104	105/95mm	35 mm
12-105	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

12-109	92X23-25 mm
12-110	100x25-27 mm
12-111	110x27-30 mm

Vaginal Specula



1/2

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



1/2

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



1/2

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



1/2

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

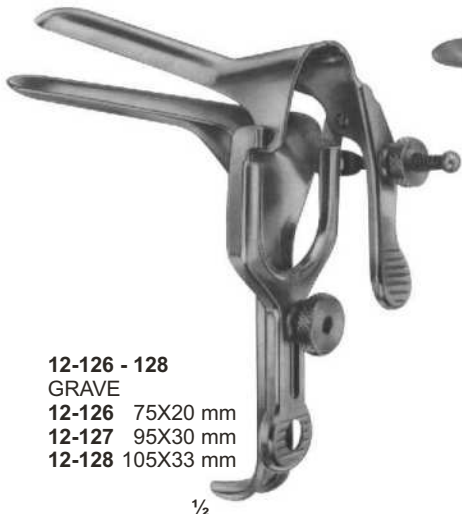


1/2

12-125
SEMM
for children
and virgins
180 mm



Vaginal Specula, Sets, Upper & Lower Blades



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
170 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
90 X40 mm 175 mm

1/2

Vaginal Specula-Sets, upper and lower blades



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



Vaginal Specula-upper and lower blades

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

12-160 110X18 mm
215 mm

12-161 110X27 mm
215 mm

12-162 110X20 mm
220 mm

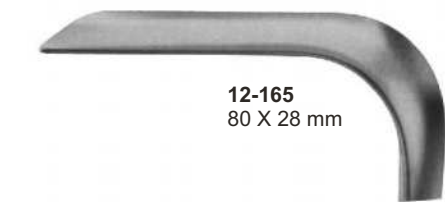
12-163 110X30 mm
220 mm

12-164 110X36 mm
225 mm

12-155 - 159
KRISTELLER
Upper blades

12-160 - 164
KRISTELLER
Lower blades

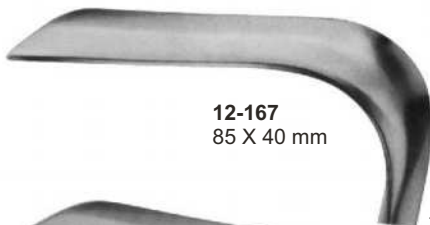
Vaginal Specula



12-165
80 X 28 mm



12-166
85 X 35 mm



12-167
85 X 40 mm



Slightly Concave

1/2

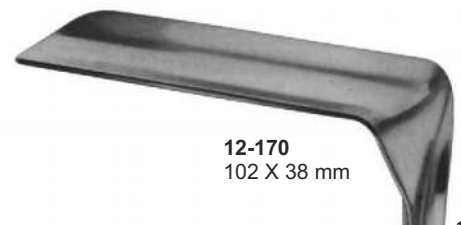
12-165 - 167
KRISTELLER
205 mm



12-168
76 X 38 mm



12-169
89 X 38 mm



12-170
102 X 38 mm

1/2



Slightly Concave

1/2

12-168 - 170
JACKSON
175 mm



Vaginal Specula-for children & virgins Vario Retractor



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

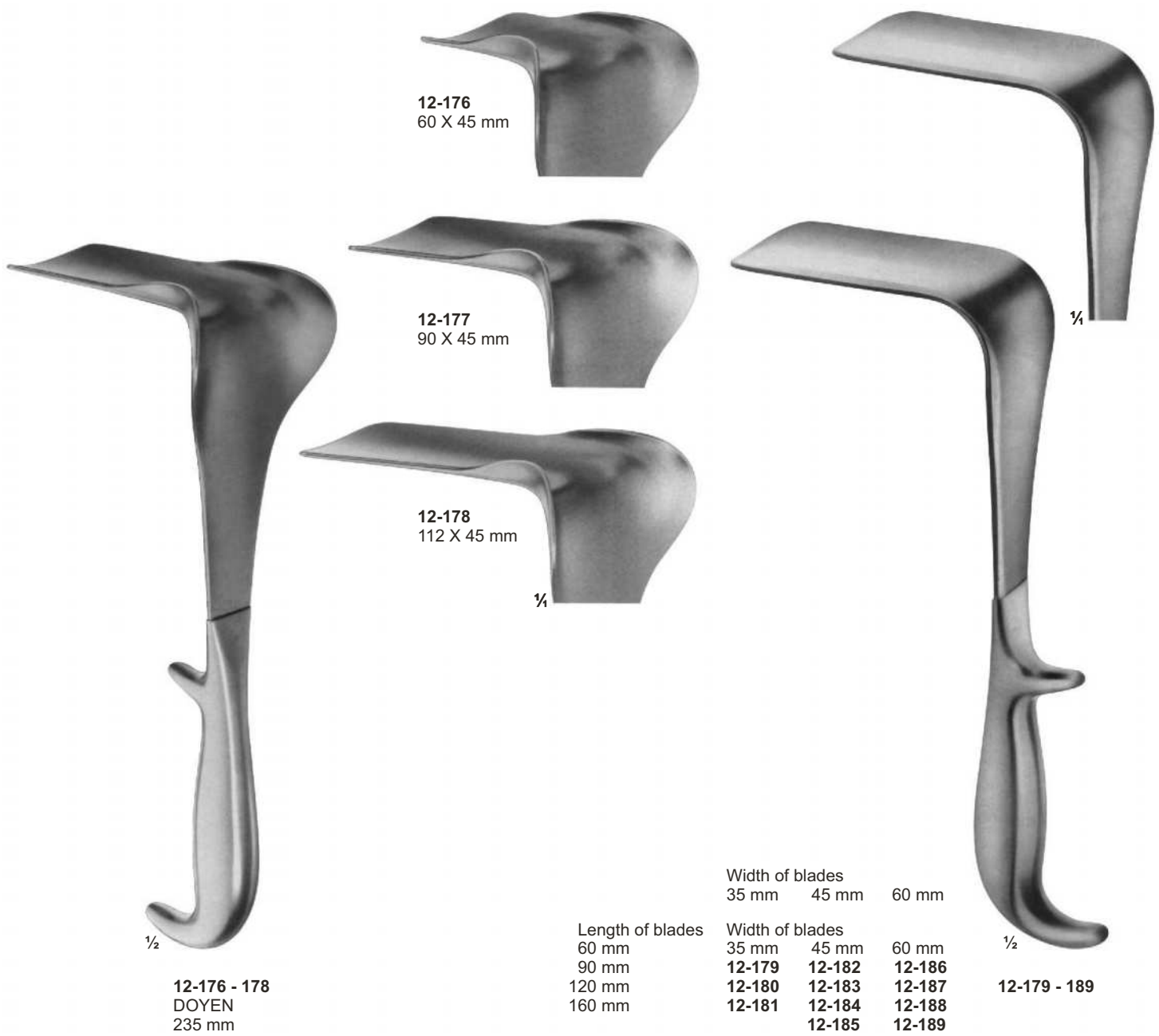
12-174
MATHIEU
for children and
virgins fitting
210 mm



12-175
Handle with cold light
carrier for upper blades
280 mm

1/2

Vaginal Specula-for children and virgins



Vaginal Specula / Retractors



1/2

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



1/2

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



1/2

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



1/2

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

Vaginal & Wound Retractor / Vaginal Specula



**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



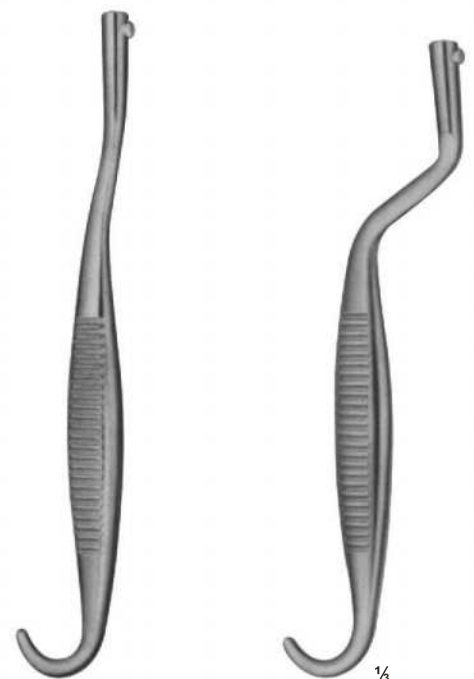
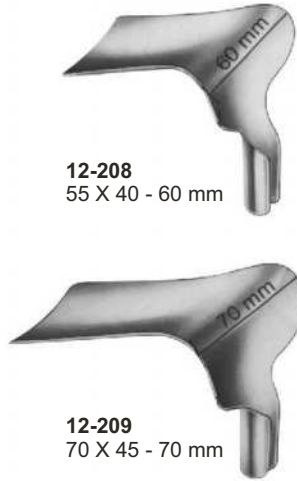
**12-205 - 206
AUVARD**
12-205 75 X 42 mm
(40 mm)
12-206 105 X 43 mm
(40 mm)
with detachable wight
230 mm



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



Vaginal Speculas



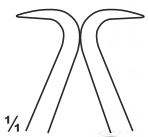
Vaginal Retractors



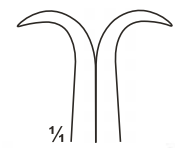
1/2
12-221
JOLL (FRIEDMAN)
155 mm



1/4
1/2
12-222
RICHTER
170 mm



1/4
1/2
12-223
GELPI
135 mm



1/4
1/2
12-224
GELPI
175 mm



Uterine Dilators



1/2

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

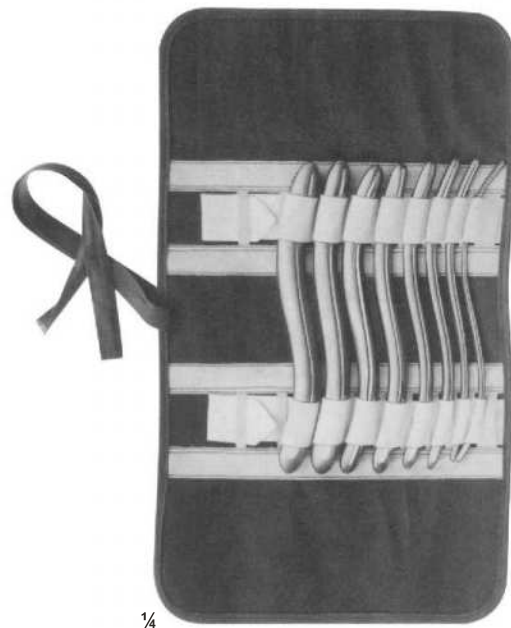
13-101	1	mm	13-123	23	mm
13-102	2	mm	13-124	24	mm
13-103	3	mm	13-125	25	mm
13-104	4	mm	13-126	26	mm
13-105	5	mm	13-127	1	1/2mm
13-106	6	mm	13-128	2	1/2mm
13-107	7	mm	13-129	3	1/2mm
13-108	8	mm	13-130	4	1/2mm
13-109	9	mm	13-131	5	1/2mm
13-110	10	mm	13-132	6	1/2mm
13-111	11	mm	13-133	7	1/2mm
13-112	12	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



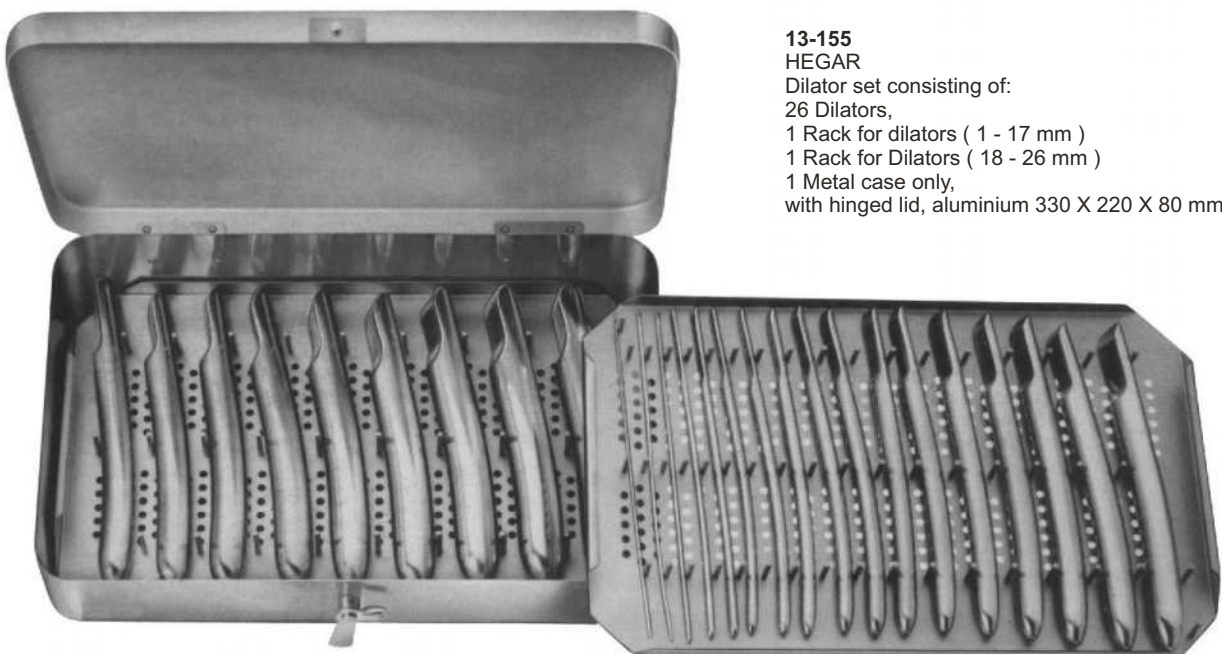
1/4

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

Uterine Dilators - Complete Sets



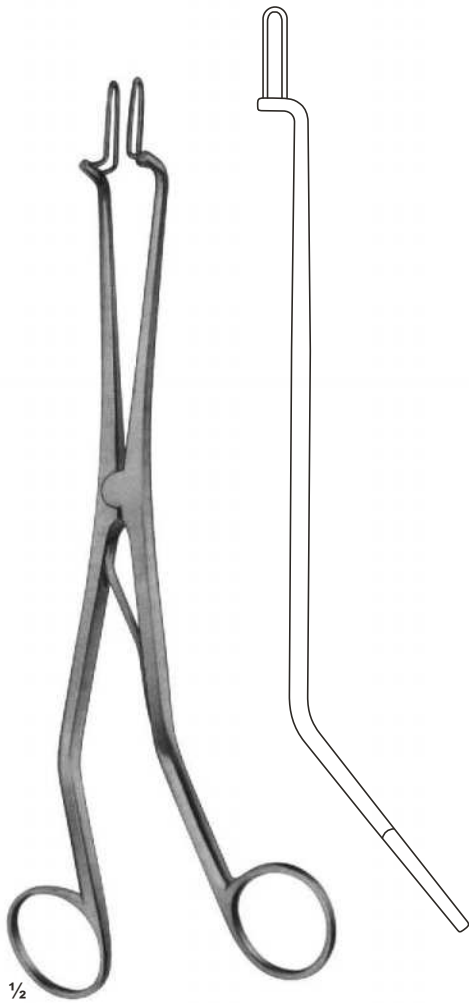
13-154
HEGAR
Dilator set consisting of:
14 Dilators,
1 Rack for dilators (4 - 12 mm)
1 Rack for Dilators (13 - 17 mm)
1 Metal case only,
with hinged lid, stainless 200 X 100 X 35 mm



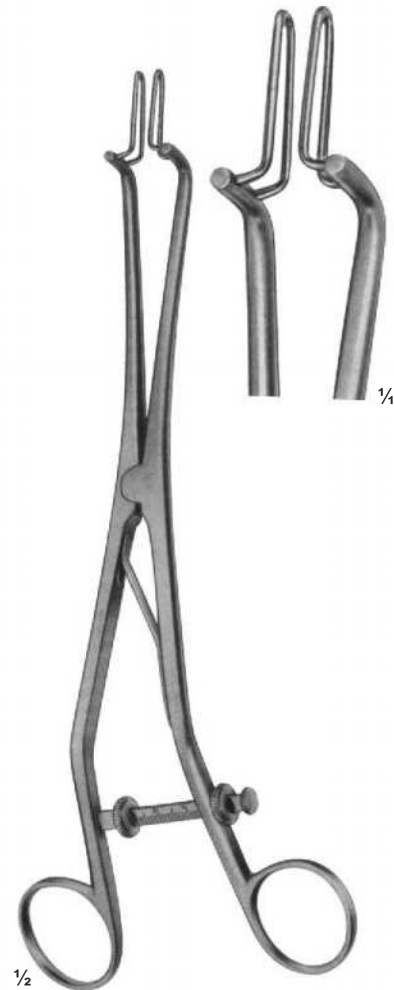
13-155
HEGAR
Dilator set consisting of:
26 Dilators,
1 Rack for dilators (1 - 17 mm)
1 Rack for Dilators (18 - 26 mm)
1 Metal case only,
with hinged lid, aluminium 330 X 220 X 80 mm



Endospecula For Cervix



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

Uterine Probes



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



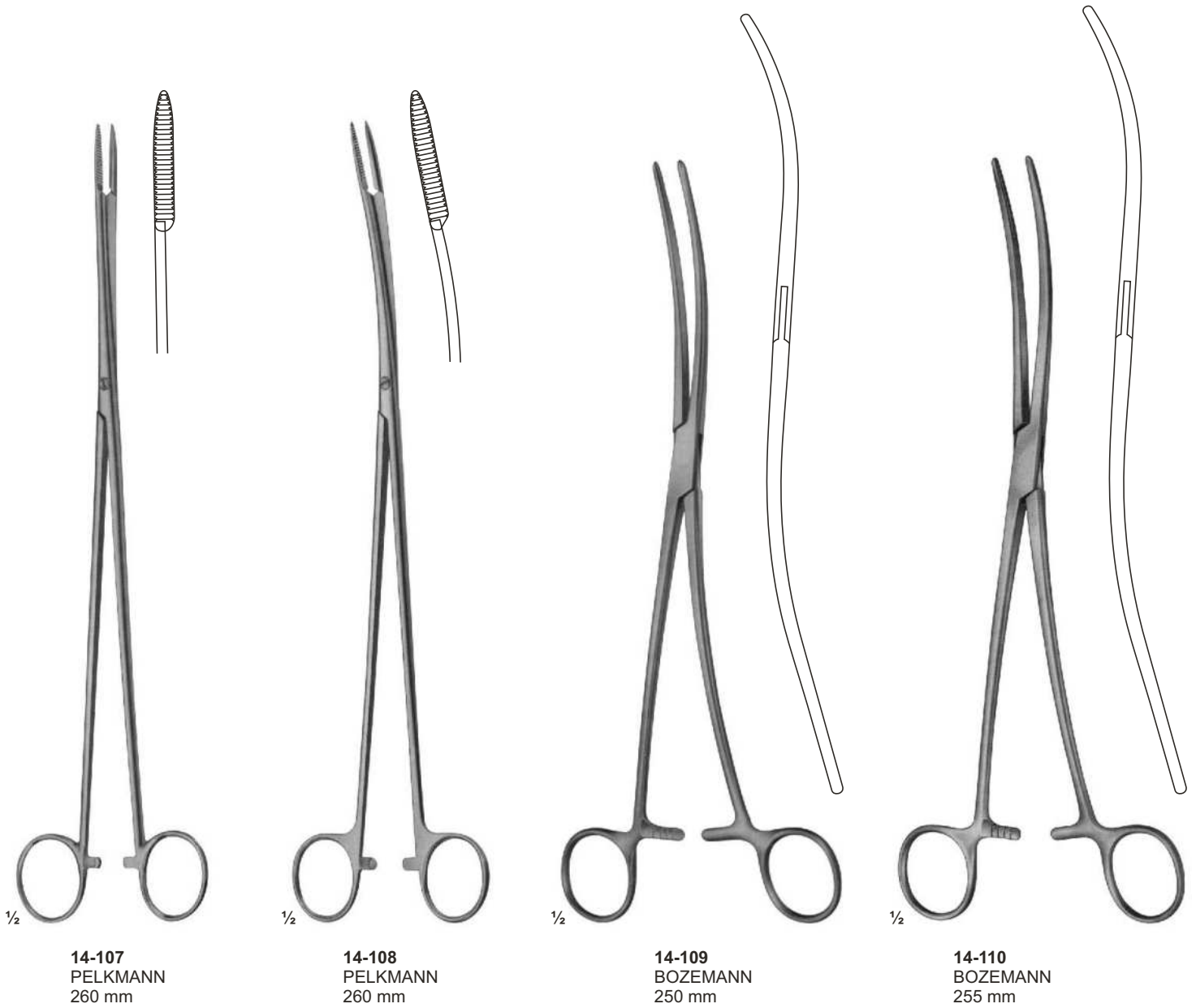
14-105
BRAUN
Uterine
depressor
270 mm



14-106
Cotton
applicator
270 mm

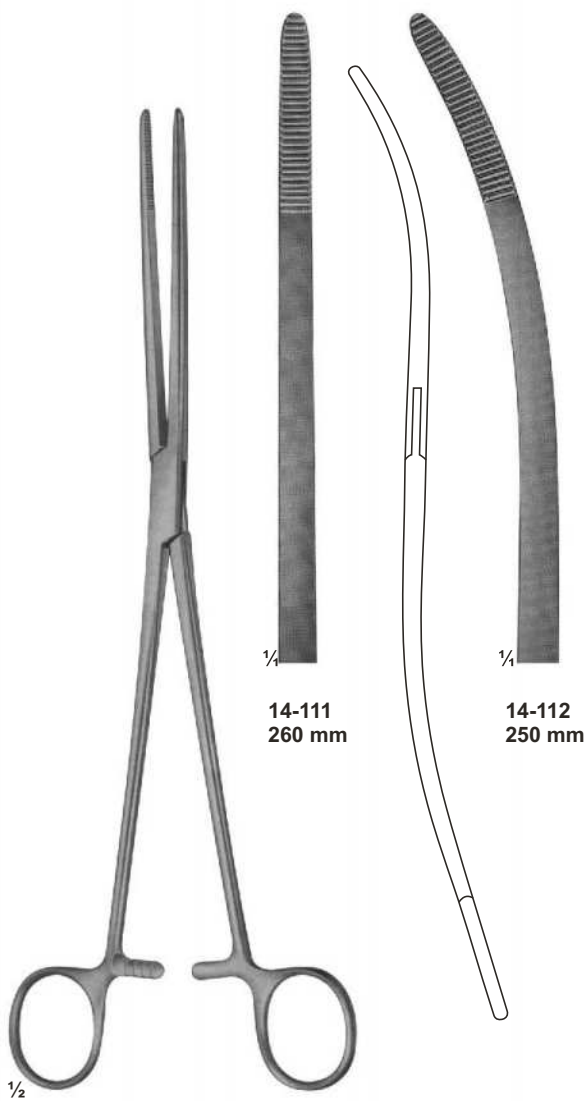


Uterine Dressing Forceps



Jaws with longitudinal groove

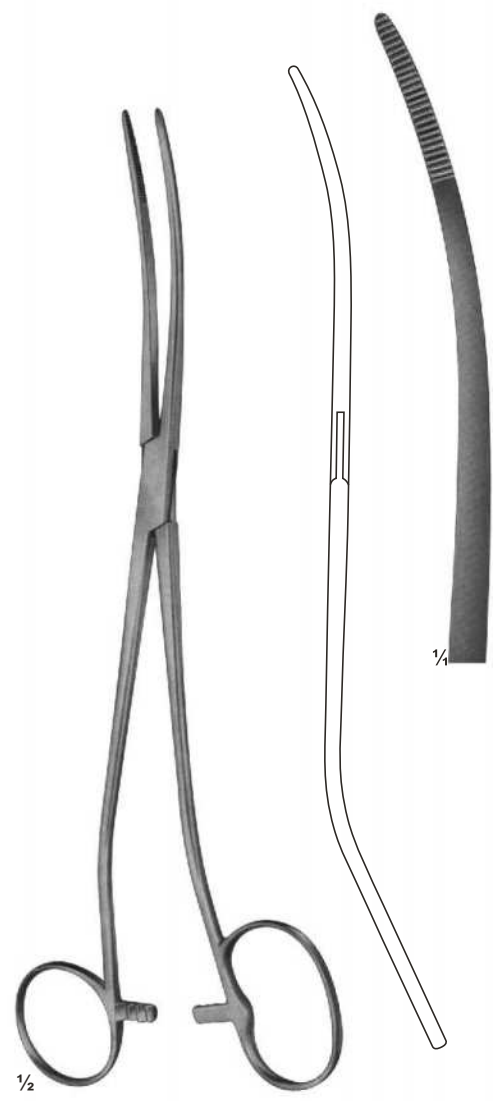
Uterine Dressing Forceps



14-111
260 mm

14-112
250 mm

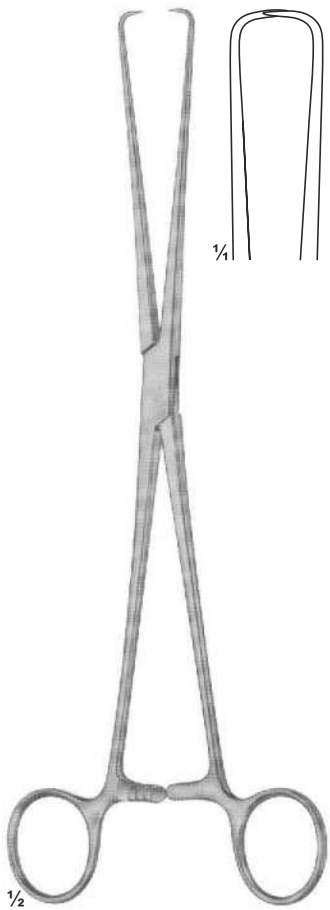
14-111 - 112
BOZEMANN



14-113
BOZEMANN-DOUGLAS
260 mm



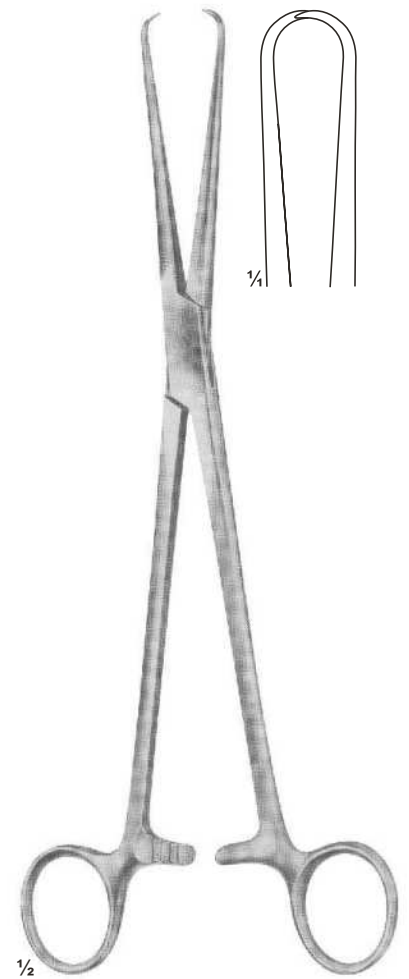
Uterine Tenaculum Forceps



14-114
BRAUN
slender type
250 mm



14-115
SCHRODER
250 mm

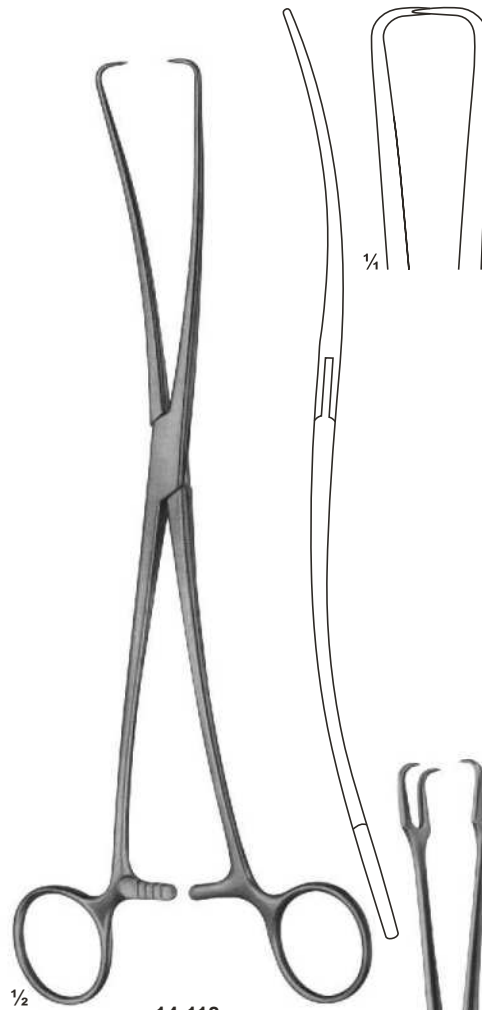


14-116
POZZI
heavy type
255 mm

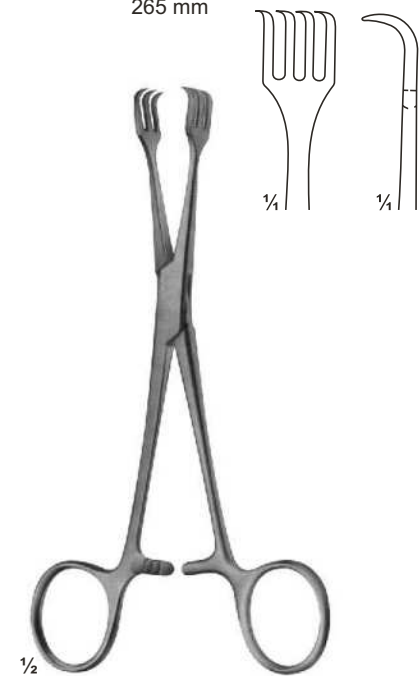
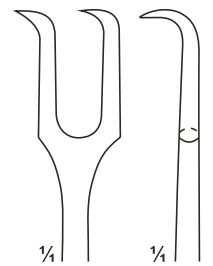
Uterine Tenaculum Forceps



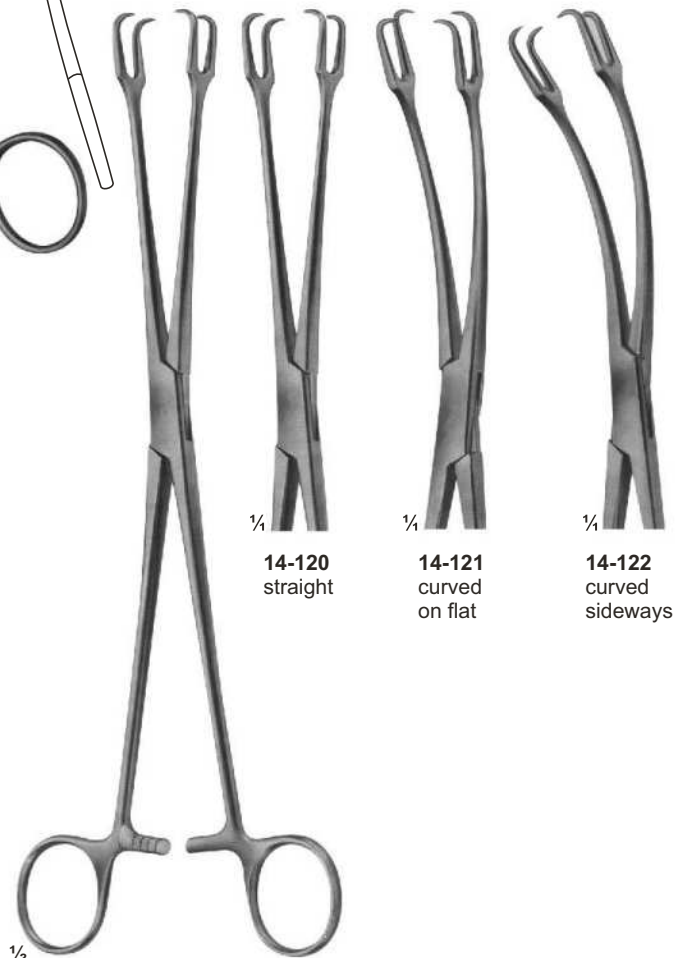
14-117
265 mm



**14-118
DUPLAY**
250 mm



**14-119
LAHEY**
155 mm



14-120
straight

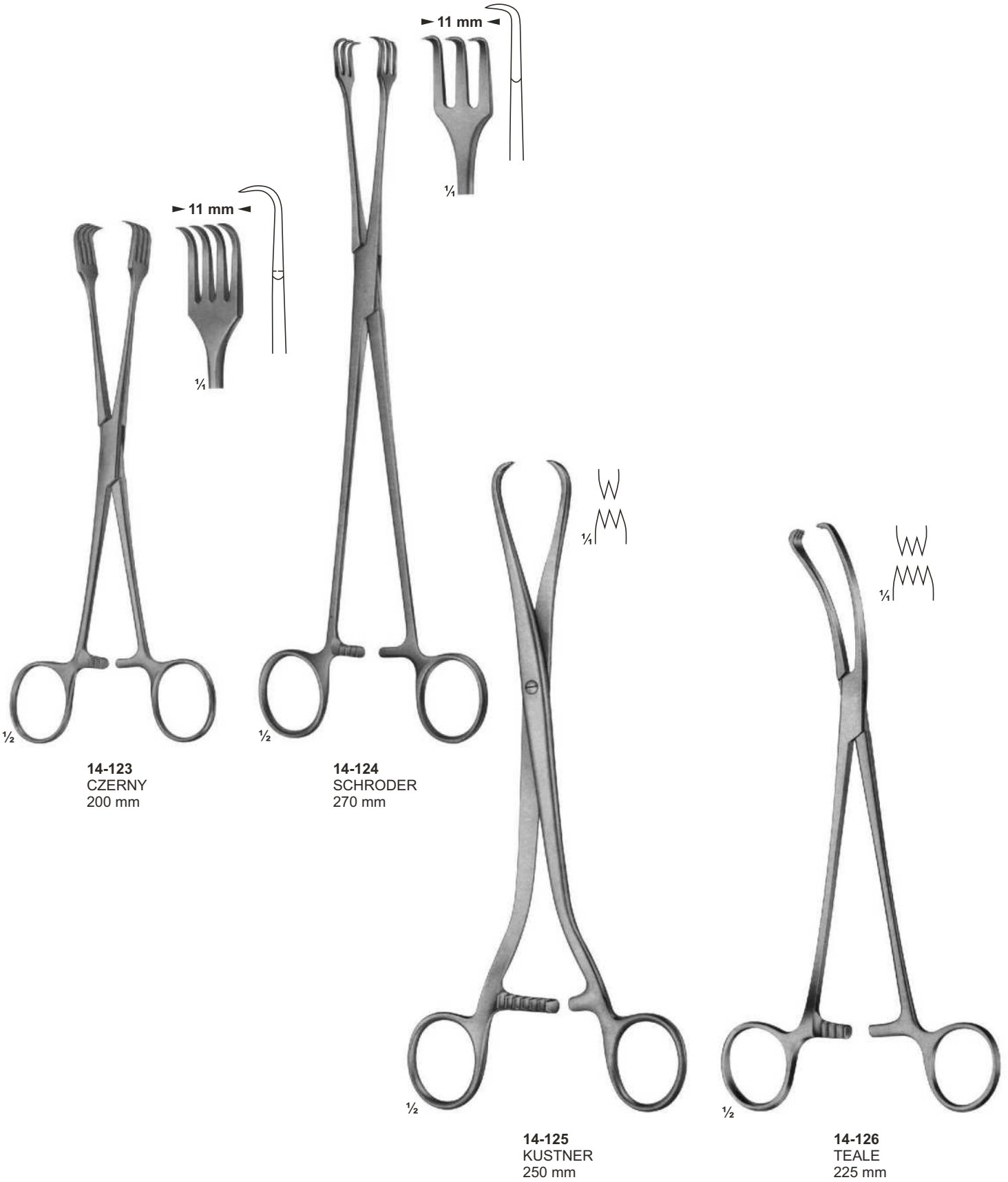
14-121
curved
on flat

14-122
curved
sideways

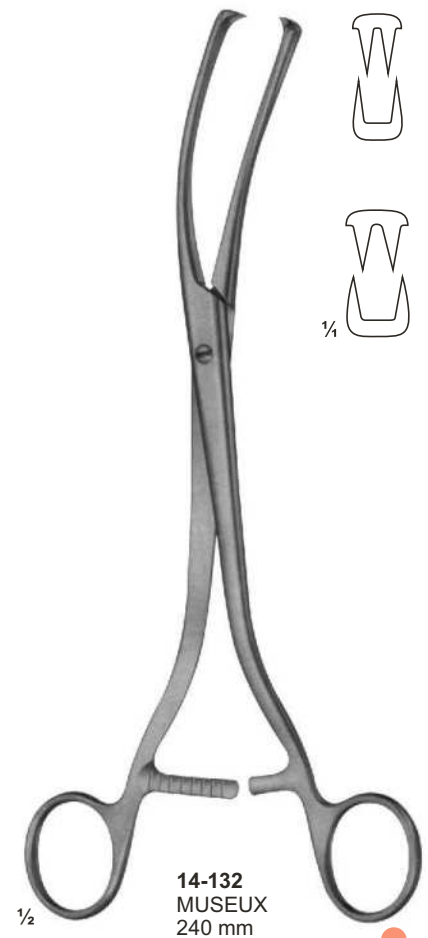
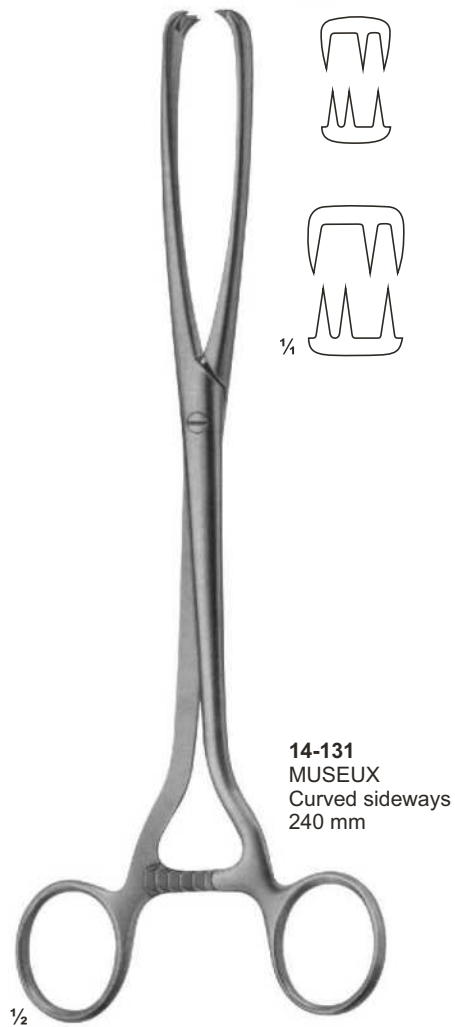
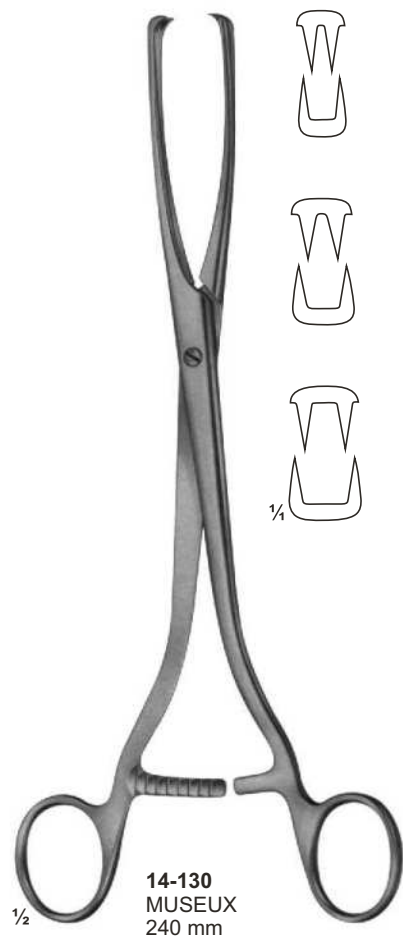
**14-120 - 122
SCHRODER**
250 mm



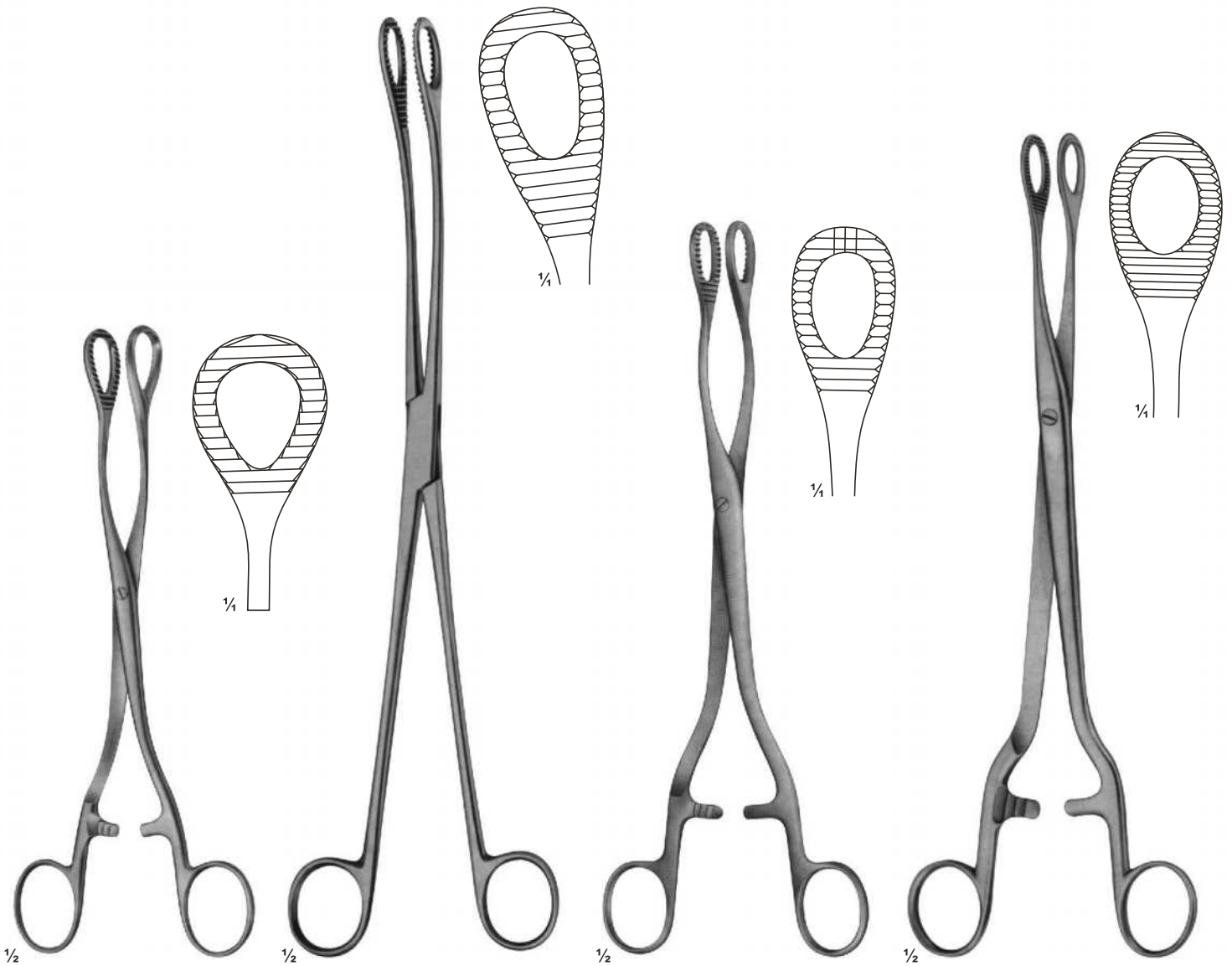
Uterine Tenaculum Forceps



Uterine Tenaculum Forceps



Polypus-and Ovum Forceps



14-133
HEYWOOD-SMITH
200 mm

14-134
KELLY
320 mm

14-135
HEYWOOD-SMITH
250 mm

14-136
NOTO
280 mm

Polypus and Ovum Forceps



1/4



1/4



1/4

14-138

14-139



1/4



1/2

14-137
DOYEN
185 mm



1/2

14-138 - 139
250 mm 270 mm

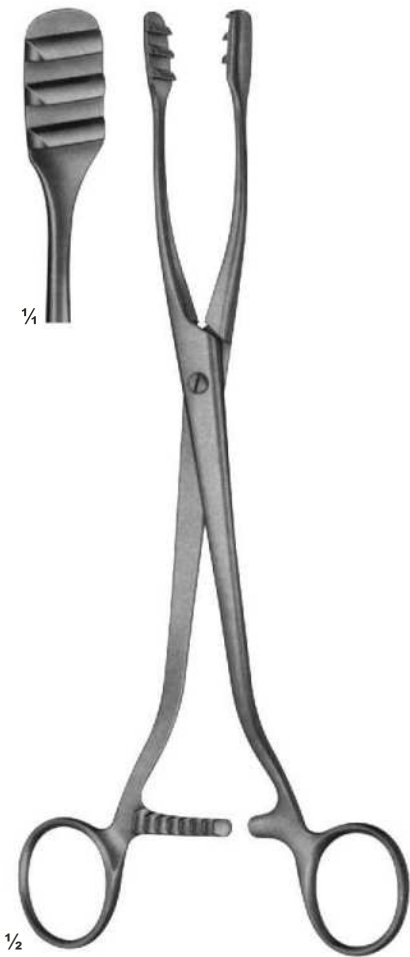


1/2

14-140
BUMM
280 mm



Uterine Elevating Forceps



14-141
COLLIN
250 mm



14-142
COLLIN
285 mm



14-143
DARTIGUES
255 mm

Uterine Elevating Forceps



14-144
SOMER
235 mm



14-145
STRASSMANN
260 mm



Uterine Elevating Forceps

With movable jaws



14-146
COLLIN
265 mm

With movable jaws



14-147
260 mm

Myoma Instruments



14-148
SEGOND
Myomatome
270 mm



14-149
DOYEN
Myoma screw
150 mm



14-150
DOYEN
Myoma screw
190 mm



14-151 - 153
NEUBUSER
Tubal seizing forceps
200 mm



14-154
Splint guide
with thread

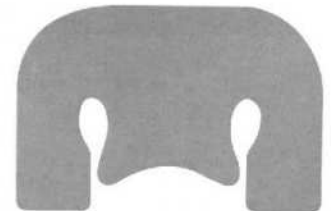


14-155
Splint guide with
round handle
180 mm

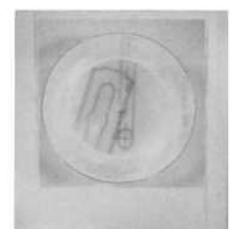


14-156
Angled glass rods
Set . 3 pieces

145 X 100 X 1.5 mm

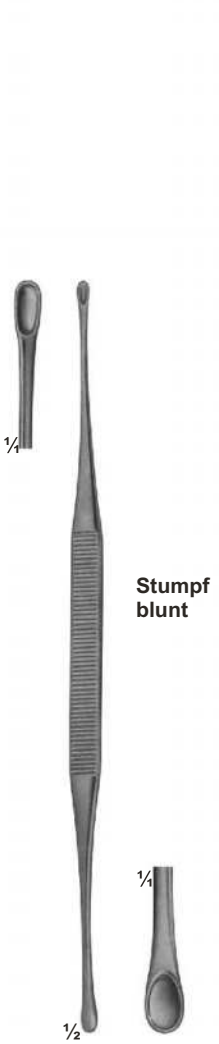


14-157
Silicon operating pad
pre-cut



14-158
Polyethylene splint material
soft-sterile
0.45 mm

Biopsy Curettes



15-101
ASCH
Uterine
Secretion scoop
200 mm



15-102
Uterine
Secretion scoop
270 mm

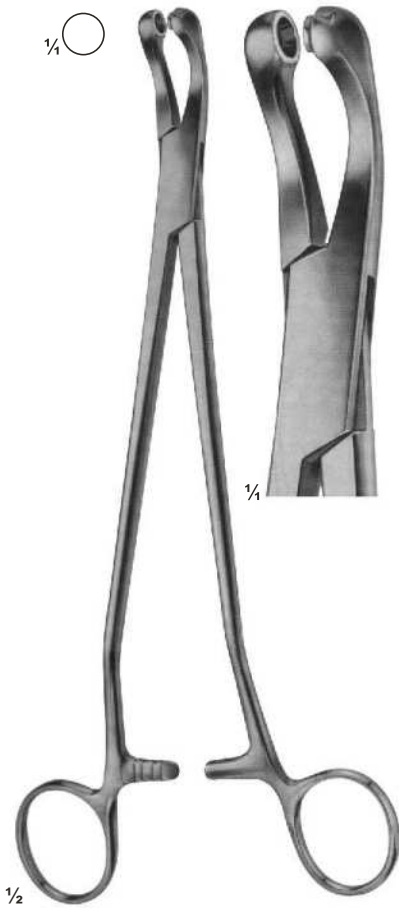


15-103
NOVAK-SCHOECKAERT
Endometrial biopsy
curette
240 mm



15-104
RANDALL
Endometrial biopsy
curette
240 mm

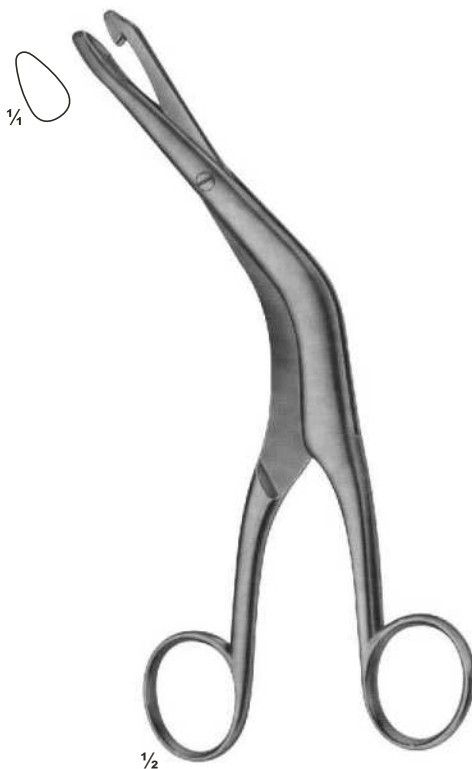
Biopsy Forceps



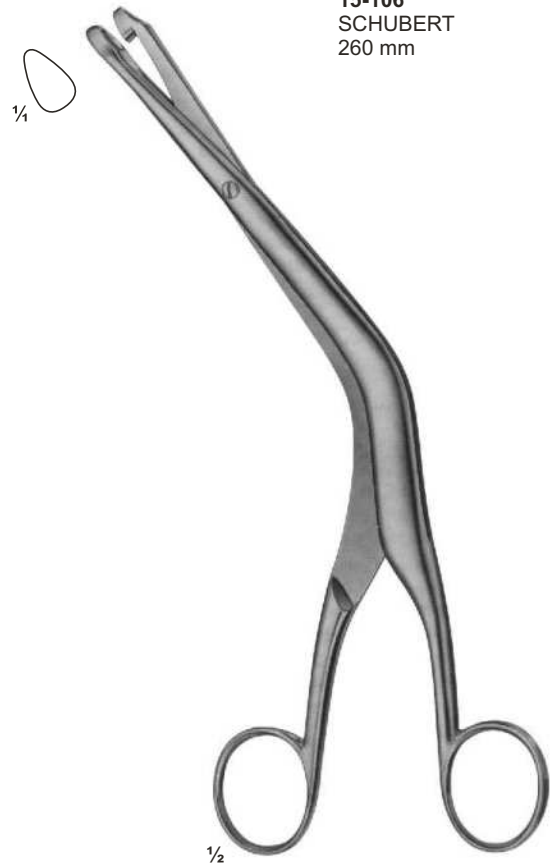
**15-105
THOMS-GAYLOR
240 mm**



**15-106
SCHUBERT
260 mm**



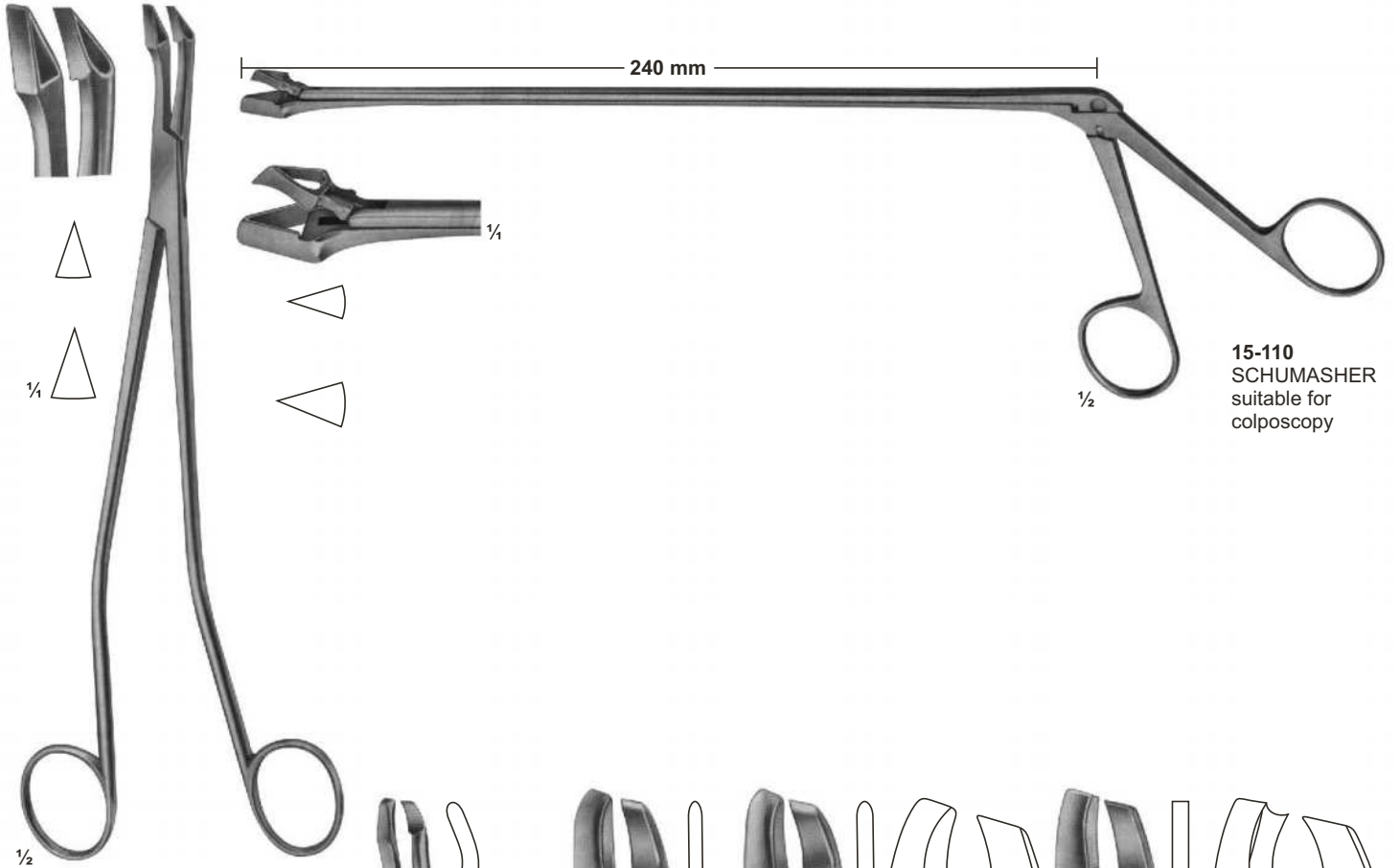
**15-107
FAURE
210 mm**



**15-108
FAURE
240 mm**

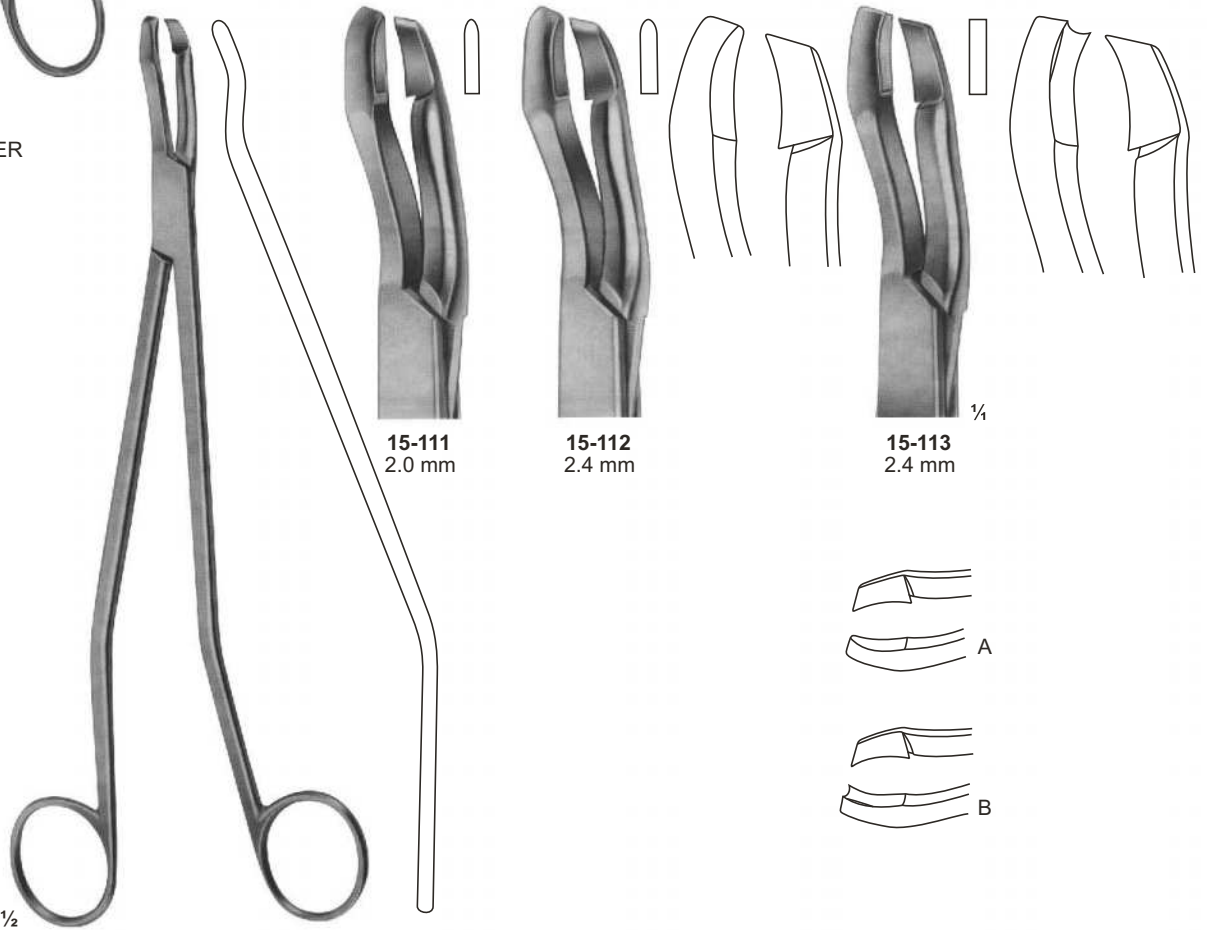


Biopsy Forceps



15-110
SCHUMASHER
suitable for
colposcopy

15-109
SCHUMASHER
240mm



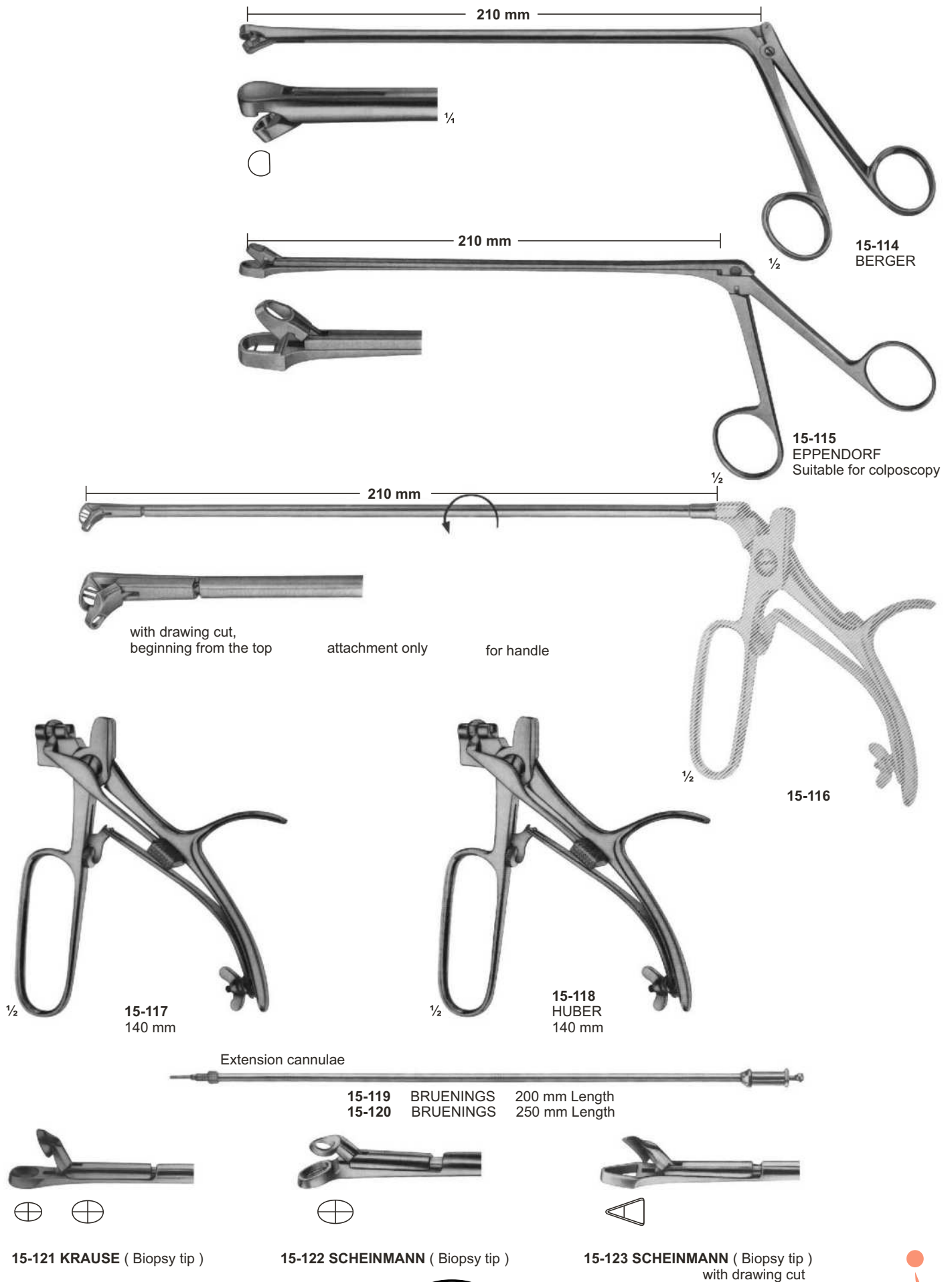
15-111
2.0 mm

15-112
2.4 mm

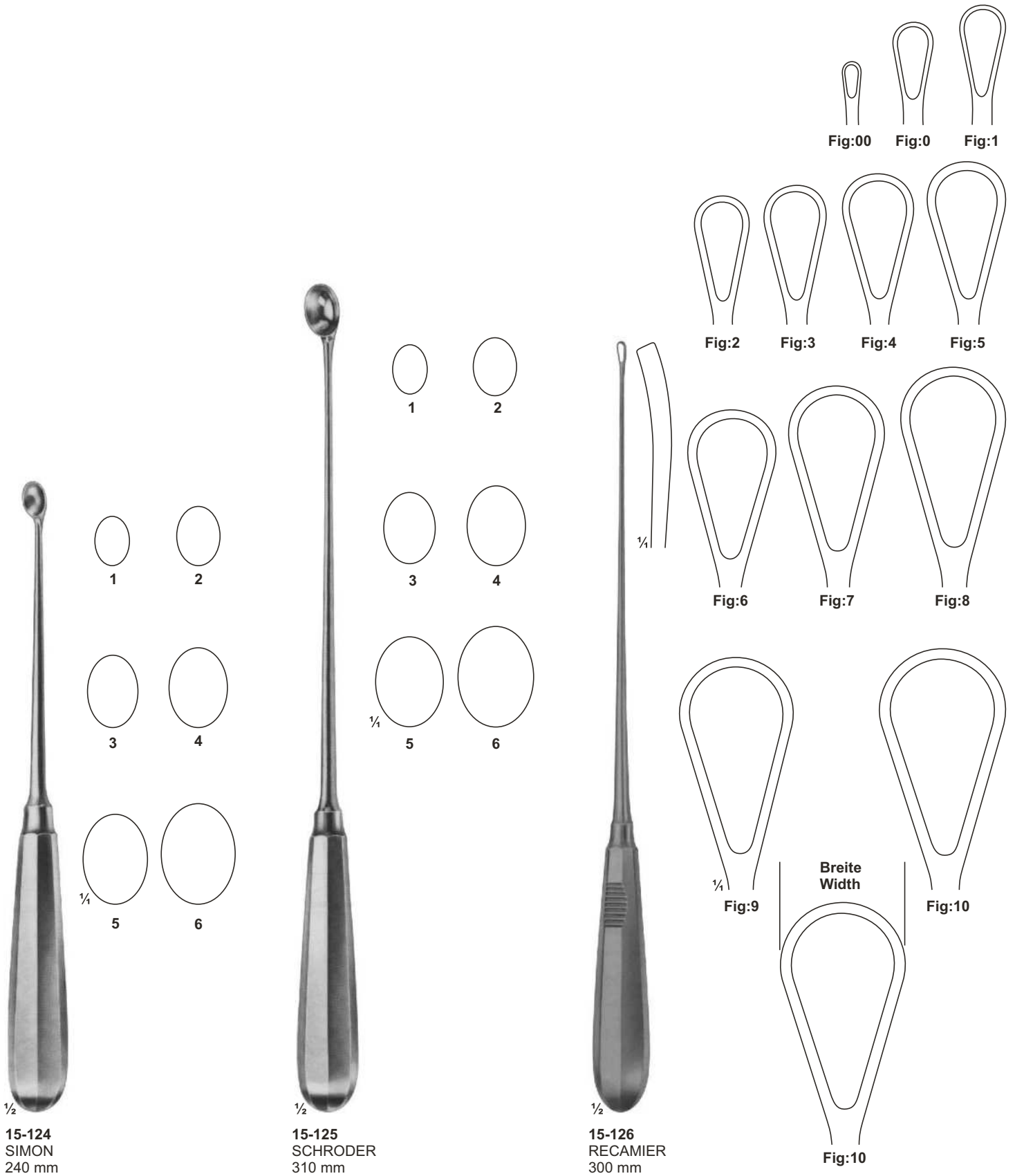
15-113
2.4 mm

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

Biopsy Forceps



Uterine Scoops



1/2
15-124
SIMON
240 mm

1/2
15-125
SCHRODER
310 mm

1/2
15-126
RECAMIER
300 mm

Uterine Curettes

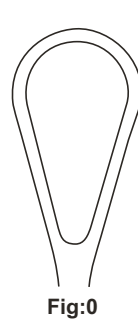


Fig:0

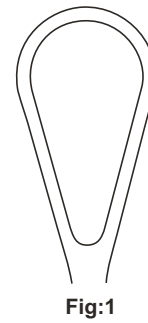


Fig:1

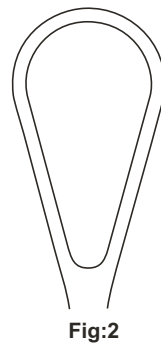


Fig:2

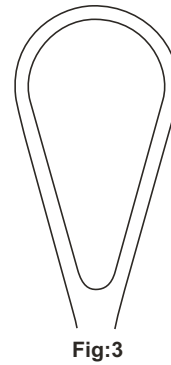


Fig:3



Fig:1



Fig:2



Fig:3



Fig:4

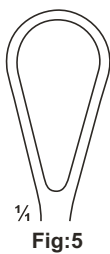


Fig:5

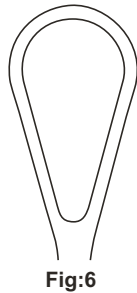


Fig:6

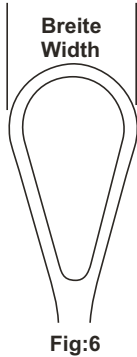


Fig:6



15-128
BUMM
blunt-malleable
290 mm

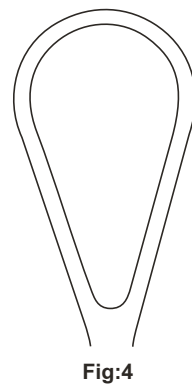


Fig:4

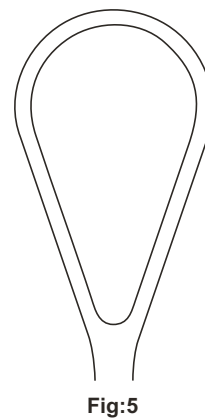


Fig:5

Breite
Width

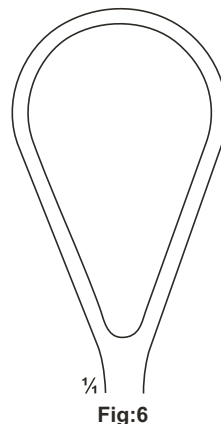


Fig:6

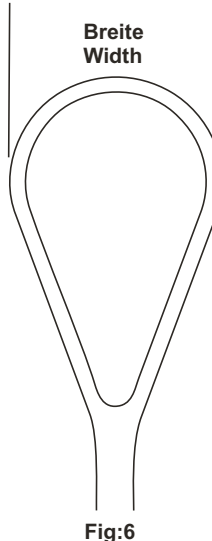
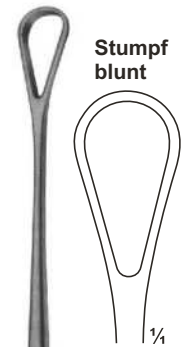
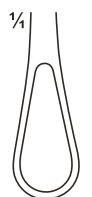


Fig:6



Stumpf
blunt

1/4



1/4



15-127
SIMS
255 mm



15-129
BLAKE
275 mm



Placenta-and Ovum Currettes



$\frac{1}{2}$
**15-130
COLLIN**
300 mm



$\frac{1}{2}$
**15-131
RECAMIER**
blunt-rigid
360 mm

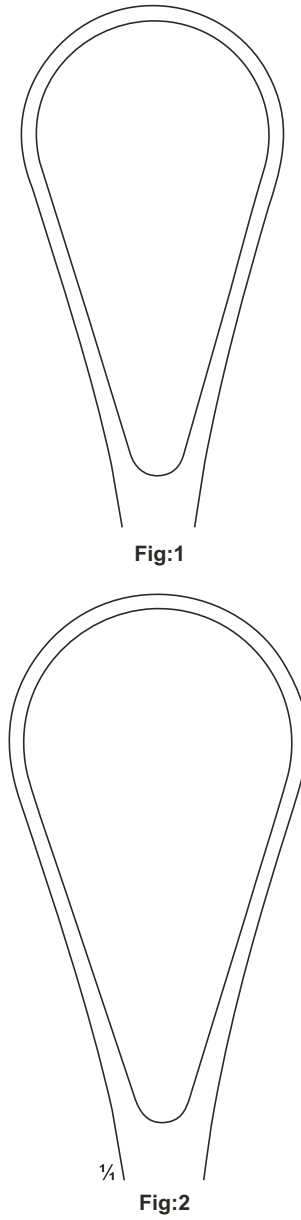


Fig:1

Fig:2



$\frac{1}{2}$
**15-132
BUMM**
310 mm

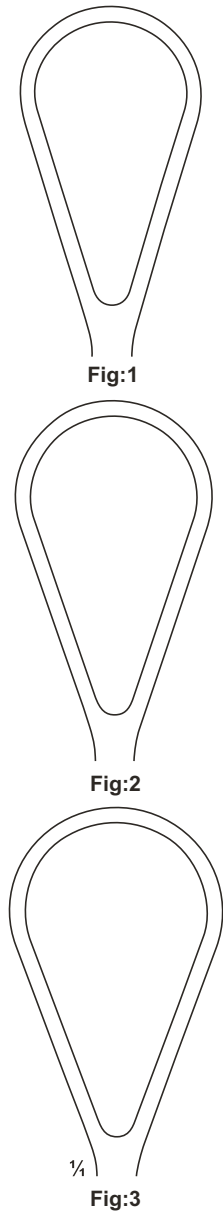


Fig:1

Fig:2

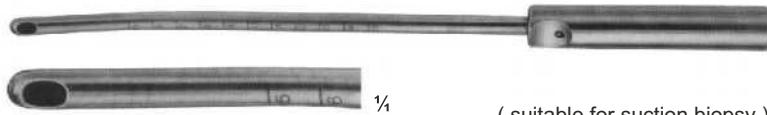
Fig:3

Vacuum Currettes

15-133 - 138

Suction currettes, 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 currettes 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

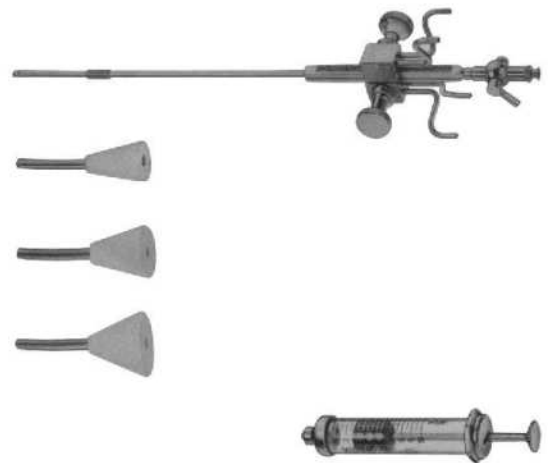
Strainer for tissues, plastic, for single use only, to be used for histopathological examination.



Gynaecological Instruments



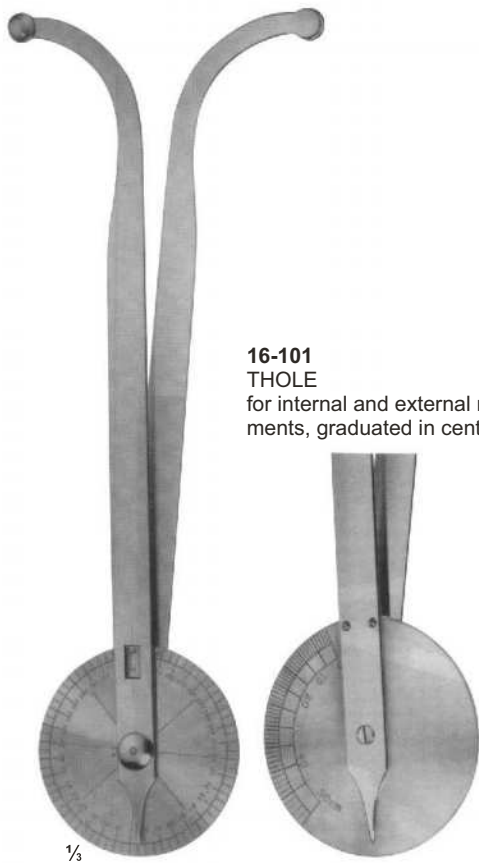
15-145
SCHULZE
 Salpingograph, for utero-salpingography
 in wooden case, consisting of:
 Manometer, Connection, Uterine canulla
 with tap, Cone S.M.L.,
 Record Syringe 10 cc, Luer lock mount.



15-146
SCHULZE
 Salpingograph, equipment
 without manometer.



Obstetrics-Pelvimeters



**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



1/3



for internal measurements between symphysis and promontory

**16-105
COLLIN**
graduated in centimeters

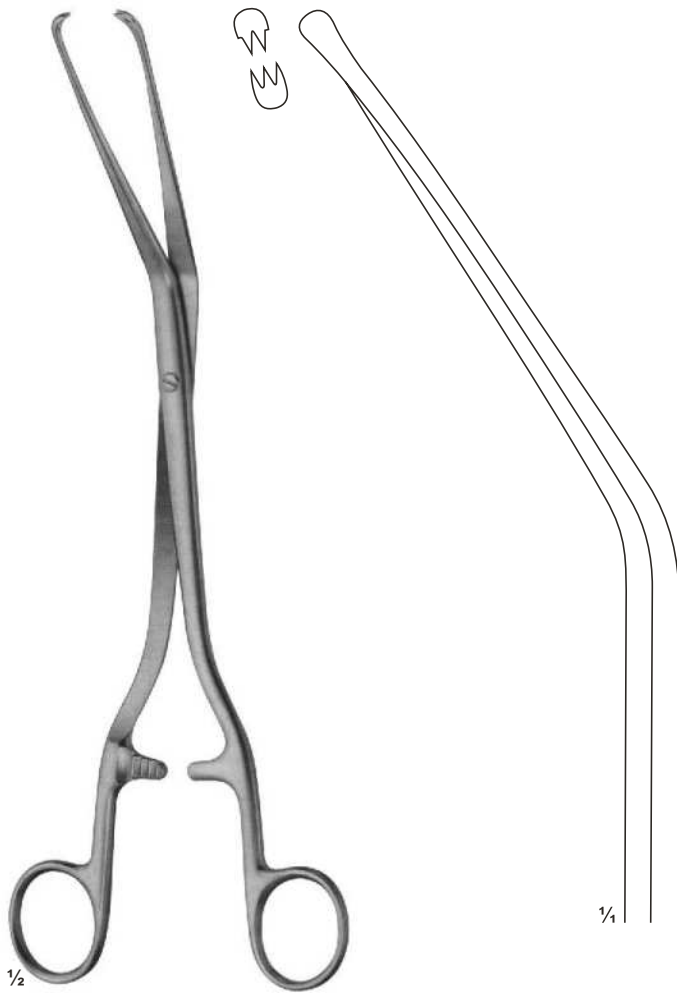
The additional straight arm can be replaced. The pelvimeter with straight arm is used for localisation of the portio vaginalis uteri and of vaginal metastasis.



1/3

**16-106
BREISKY**
graduated in centimeters

Obstetrics-Pelvimeters



16-107
HERFF
puncturing forceps
225 mm



16-108
IOWA
puncturing forceps
260 mm

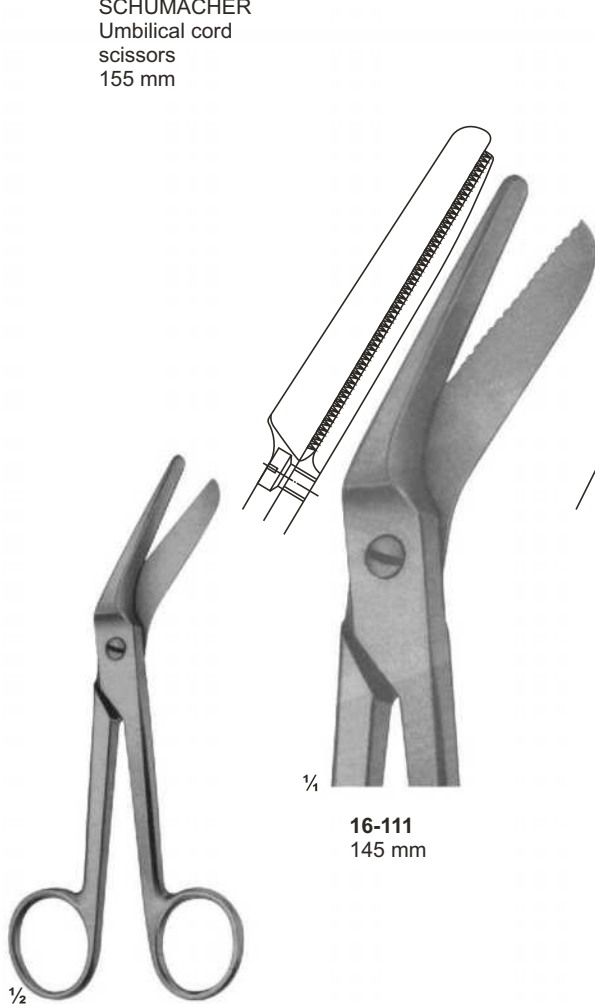
Scissors of Obstetrics, Umbilical cord clamp



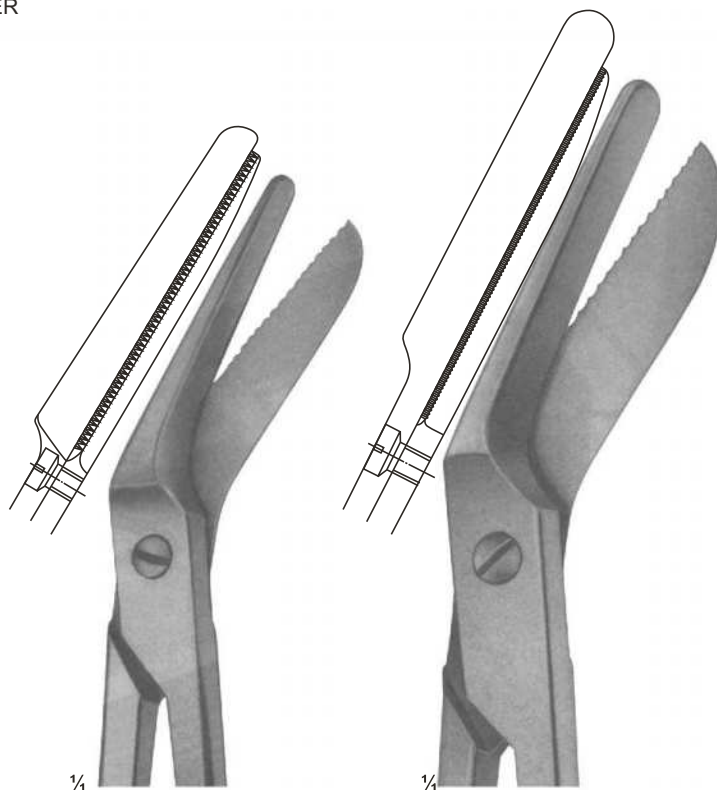
16-109
SCHUMACHER
Umbilical cord
scissors
155 mm



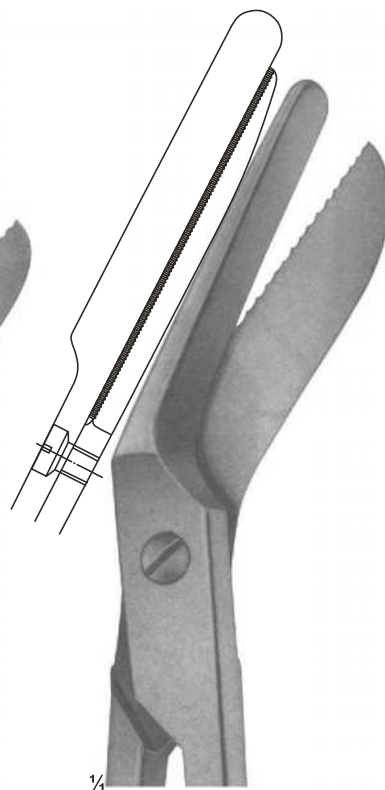
16-110
Umbilical cord
scissors
105 mm



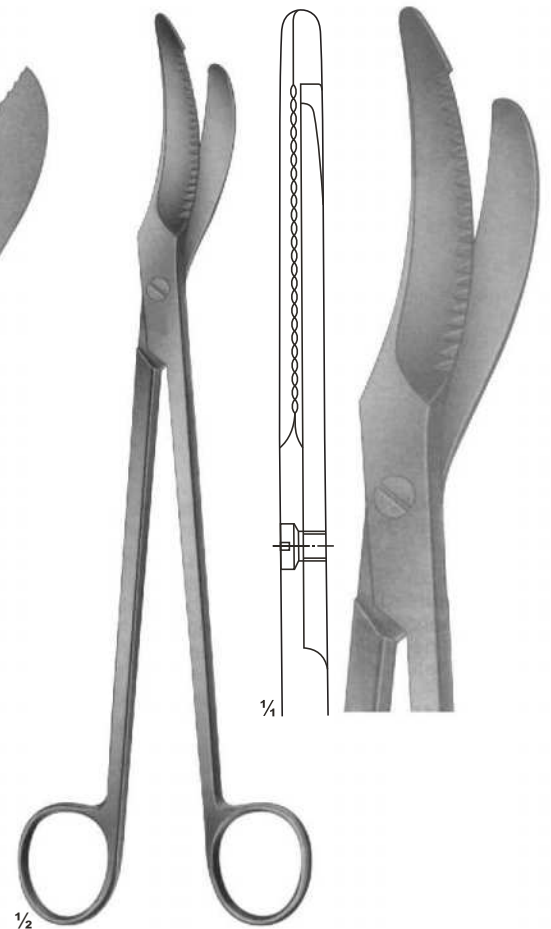
16-111 - 112
BRAUN-STADLER
Episiotomy Scissors



16-111
145 mm



16-112
200 mm



16-113
Episiotomy Scissors
240 mm



Obstetrics Forceps



$\frac{1}{3}$

16-114
355 mm



$\frac{1}{3}$

16-115
400 mm



$\frac{1}{3}$

16-116
SIMPSON-BRAUN
305mm

Obstetrics Forceps



1/3

16-117
SIMPSON-BRAUN
305mm



1/3

16-118
SIMPSON
235mm

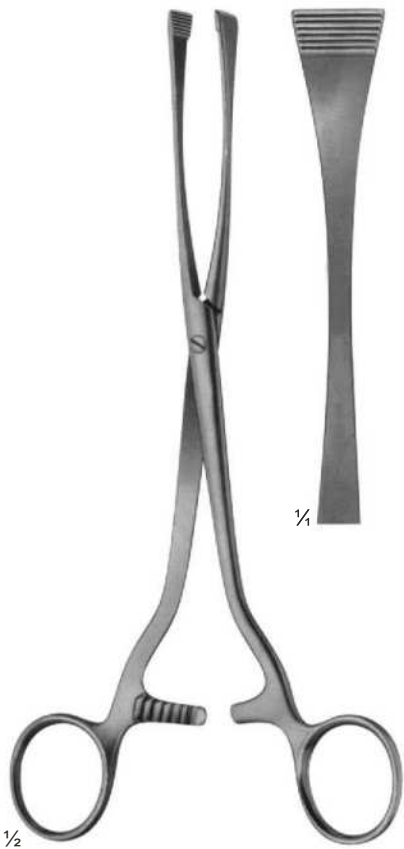


1/3

16-119
WRIGLEY
250 mm



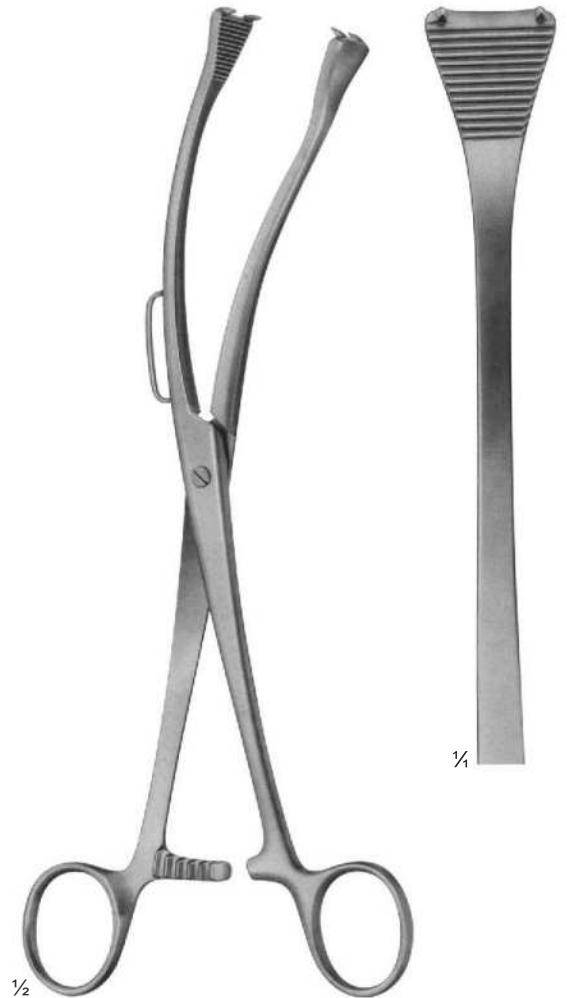
Obstetrics Forceps



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

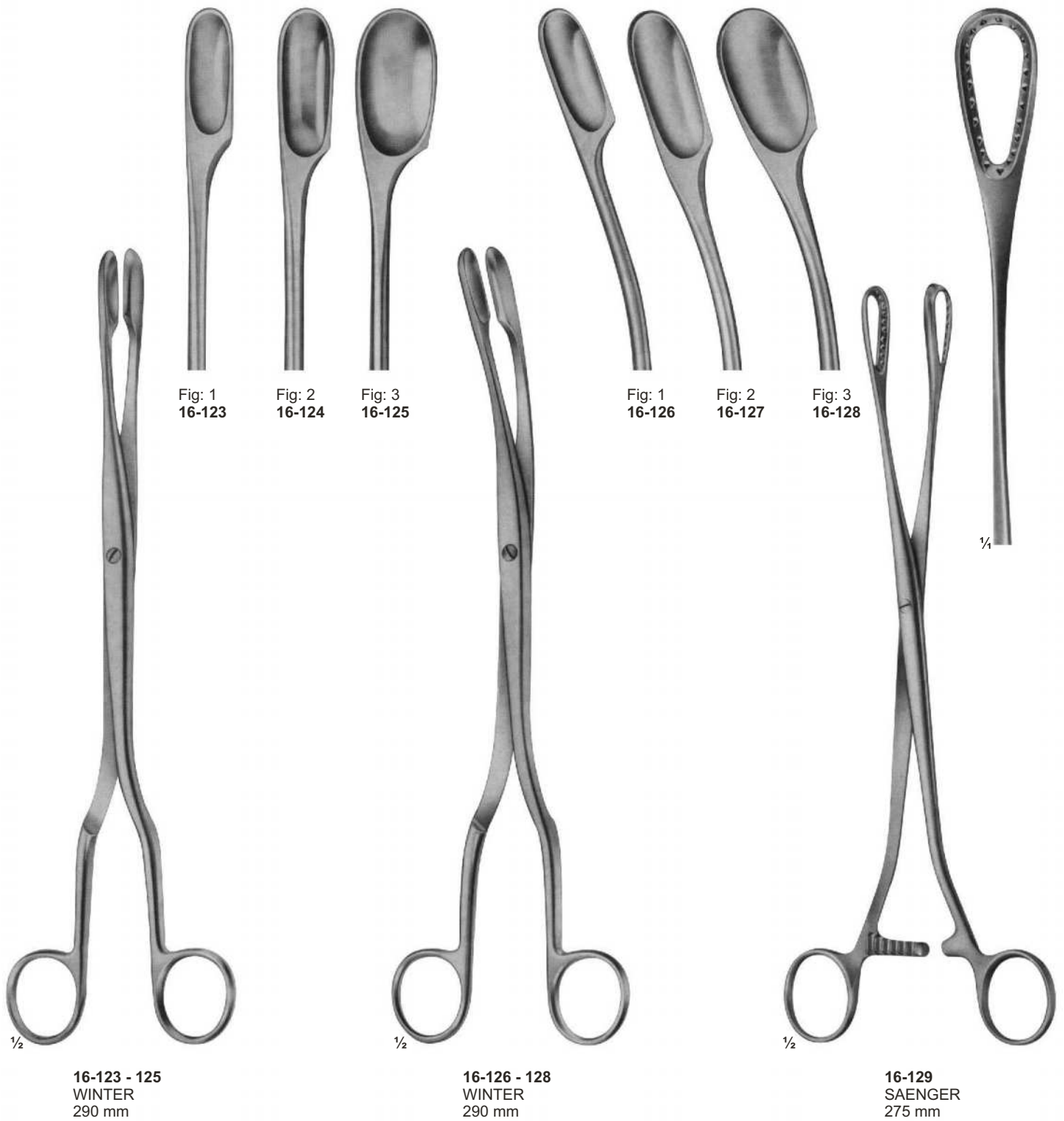


16-121
WILLETT
Scalpel Flap forceps
185 mm

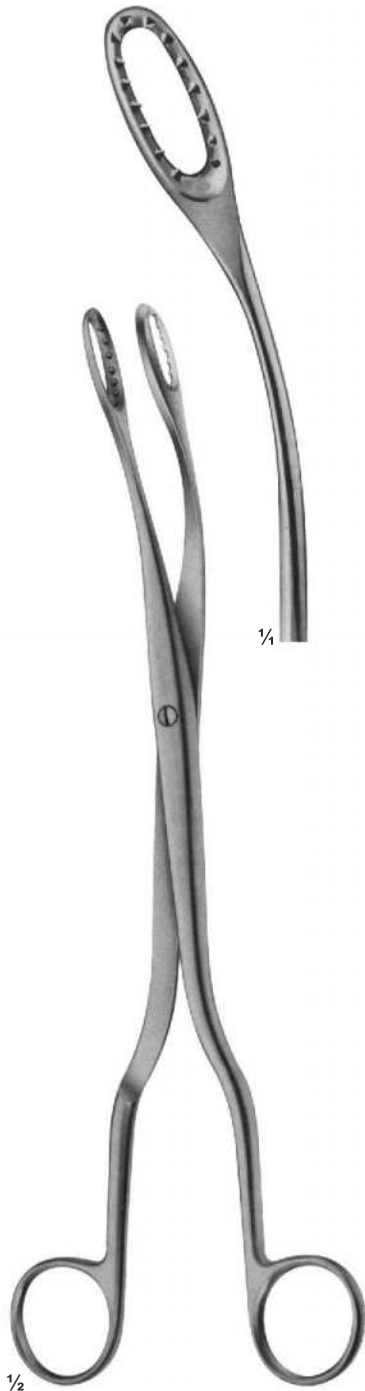


16-122
GAUSS
Scalpel Flap forceps
260 mm

Obstetrics-Placenta and Ovum Forceps

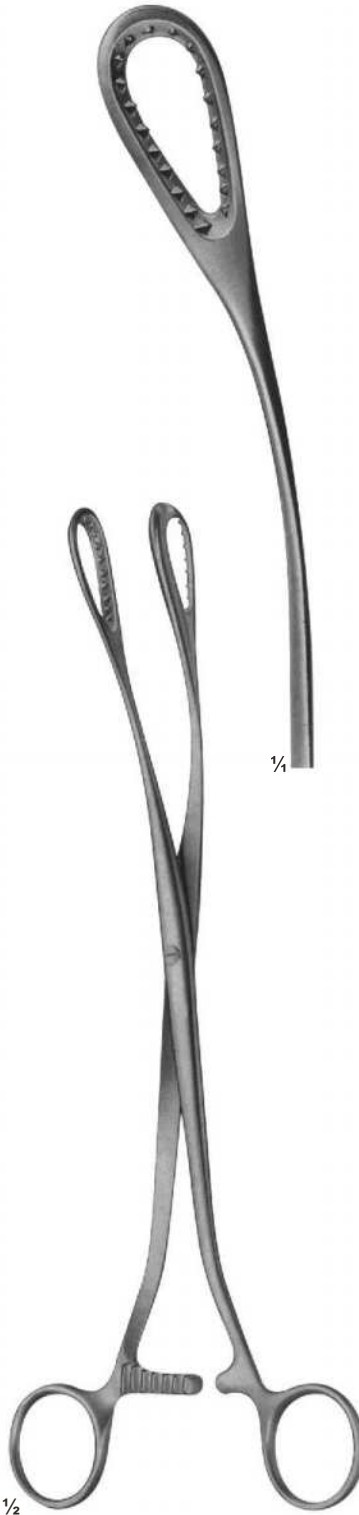


Obstetrics-Placenta and Ovum Forceps



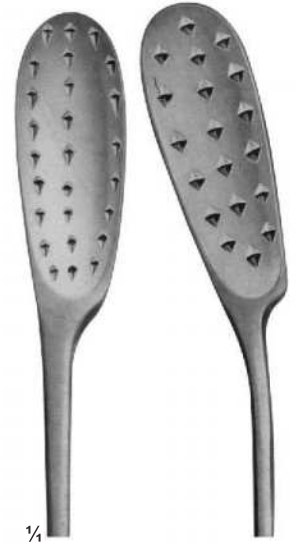
1/2

**16-130
SAENGER
285 mm**



1/2

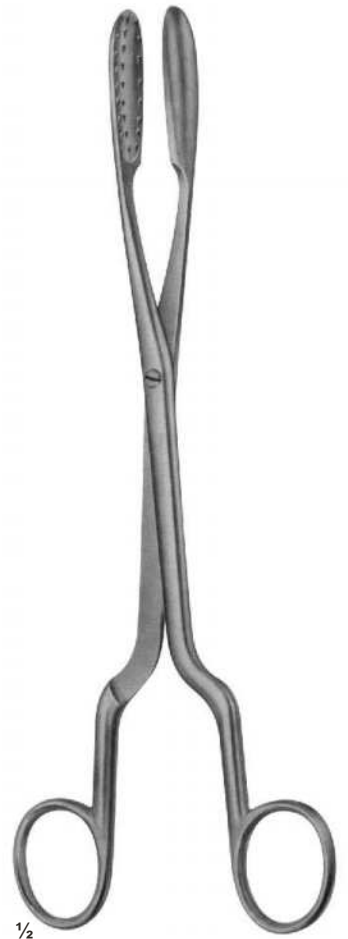
**16-131
SAENGER
285 mm**



1/4

16-132

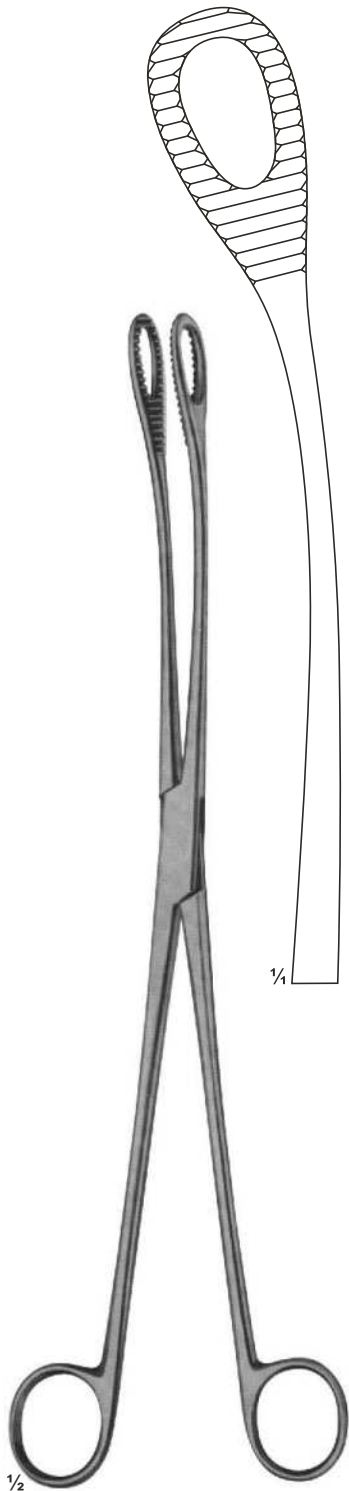
16-133



1/2

**16-132 - 133
LEWKOWIZ
245 mm**

Obstetrics-Placenta, Ovum and Cranioclast Basiotribe Forceps



16-134
KELLY
320mm



16-135
SMELLIE
Perforator
270mm



16-136
BRAUN
Cranioclast
420mm

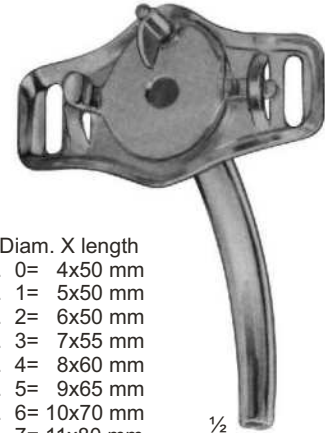


Tracheal Tubes with inner tubes



½

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



½

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



½

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



½

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

16-159 - 168
JACKSON
German Silver

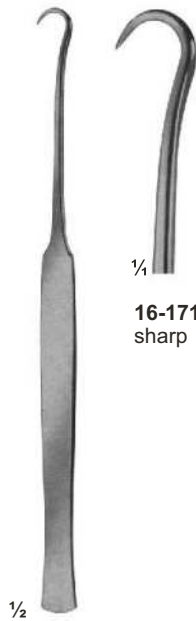
Tound-and Tracheal Hooks and Dilators



**16-169
BOSE
165 mm**



**16-170
BOSE
165 mm**



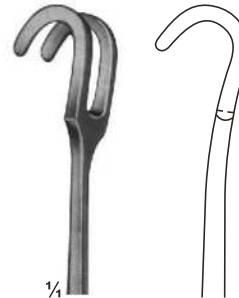
**16-171 - 173
180 mm**



**16-171
sharp**



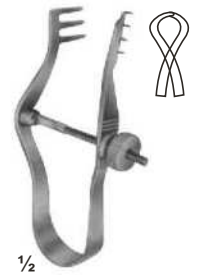
**16-172
blunt**



**16-173
stumpf/blunt**



**16-174
FINSEN
50 mm**



**16-175
FINSEN
70 mm**



**16-176
TROUSSEAU
120 mm**



**16-177
LABORDE
125 mm**

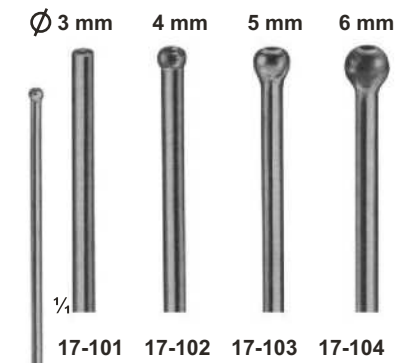


**16-178
LABORDE
strong pattern
135 mm**

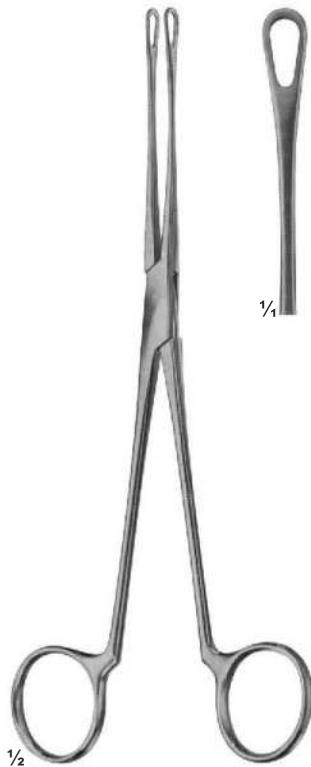


**16-179
Cleaning Brush
for tracheal tubes
285 mm**

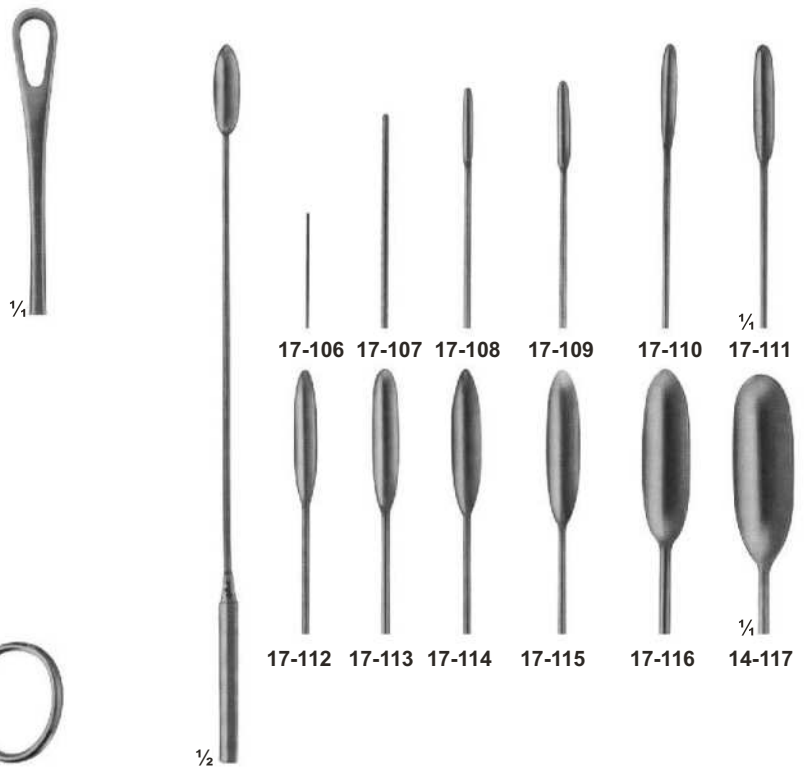
Irrigating Cannulae, Embolus Grasping Forceps Dilators



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



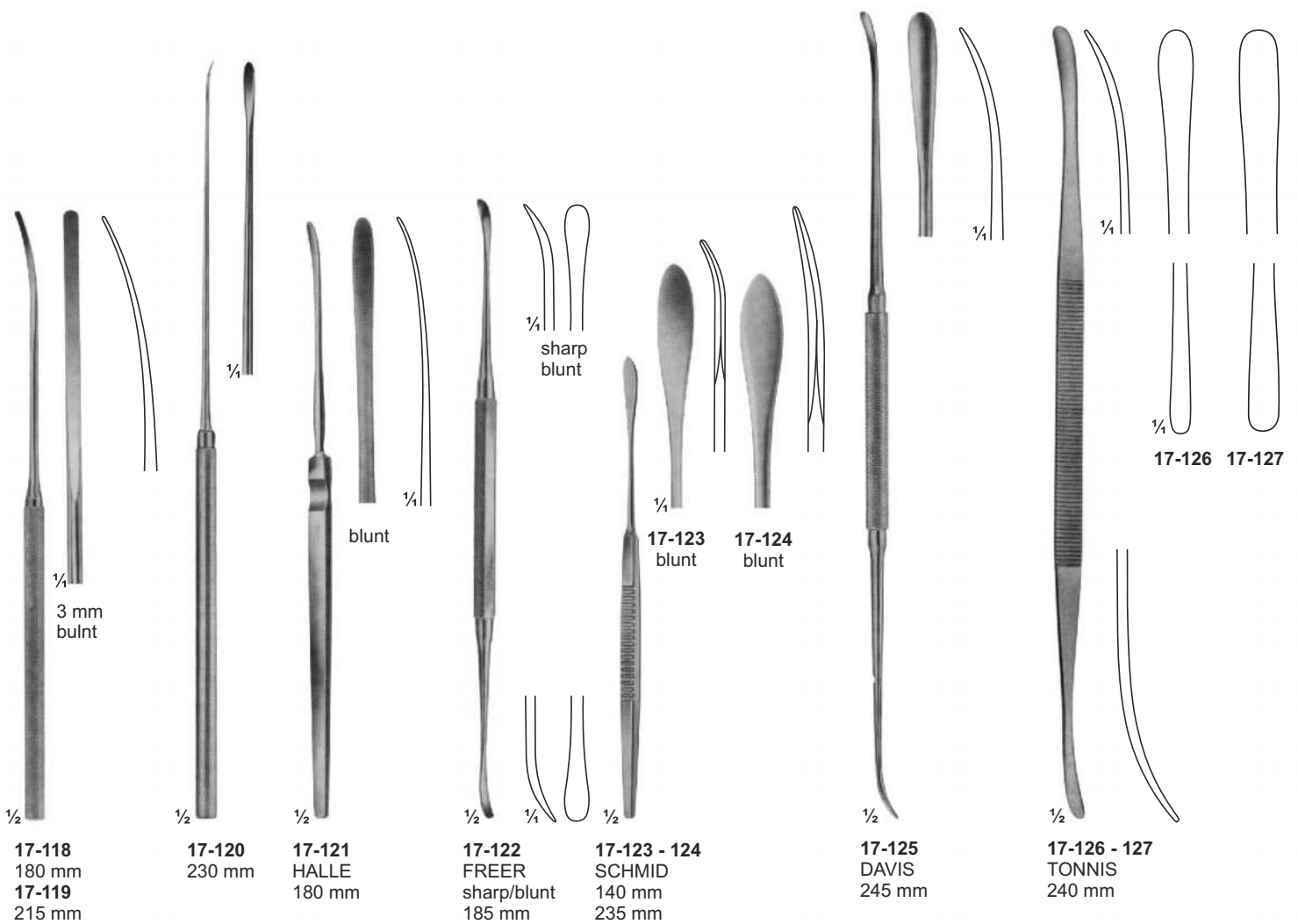
17-105
BLAKE
Embolus grasping
forceps
205 mm



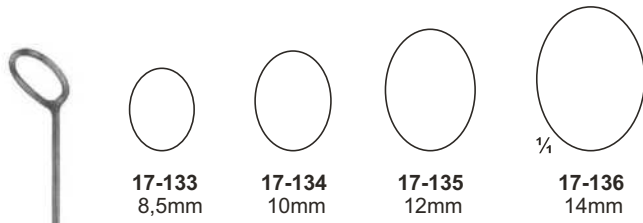
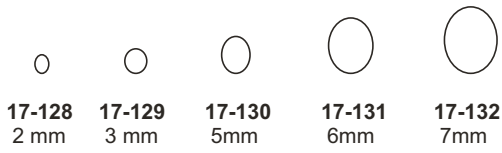
17-106 - 117
DE BAKEY
Vascular dilators,
malleable
190 mm

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

Irrigating Cannulae, Embolus Grasping Forceps Dilators



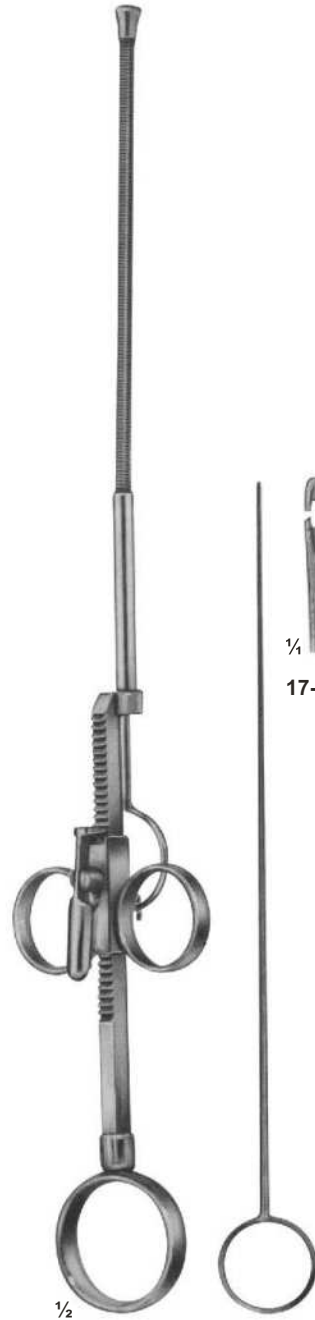
Irrigating Cannulae, Embolus Grasping Forceps Dilators



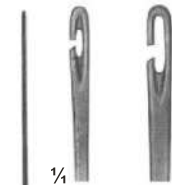
17-128 - 136
Endarterectomy strippers
550 mm



17-137
Handle for
110 mm



17-138 - 139
RUMEL-BELBONT
325 mm
17-138 - 4,0 mm Ø
17-139 - 6,4 mm Ø

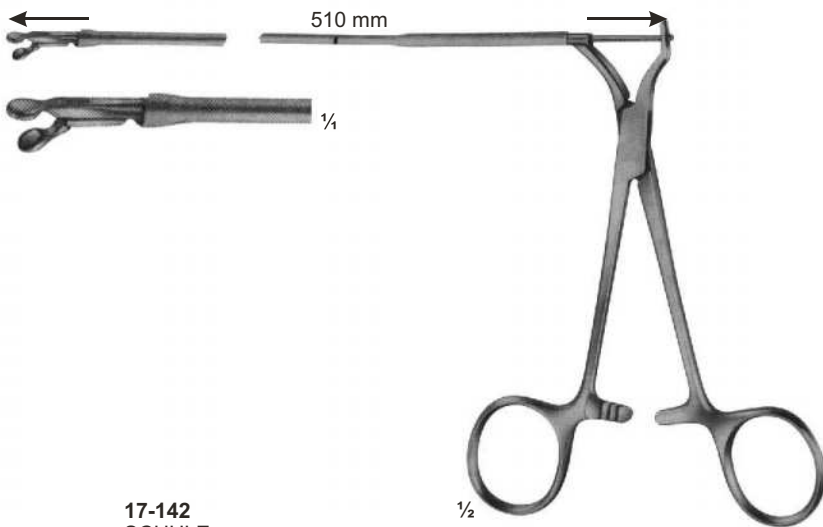


17-140 17-141



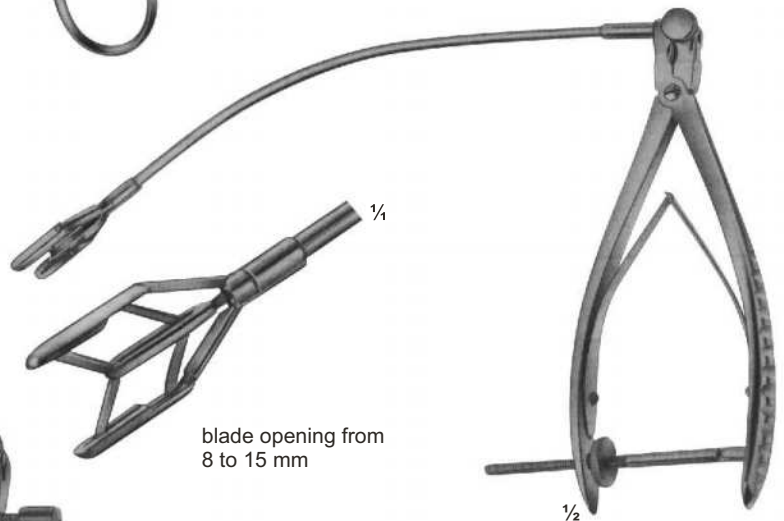
17-140 - 141
Guide only

Biopotome and Aortic Dilators

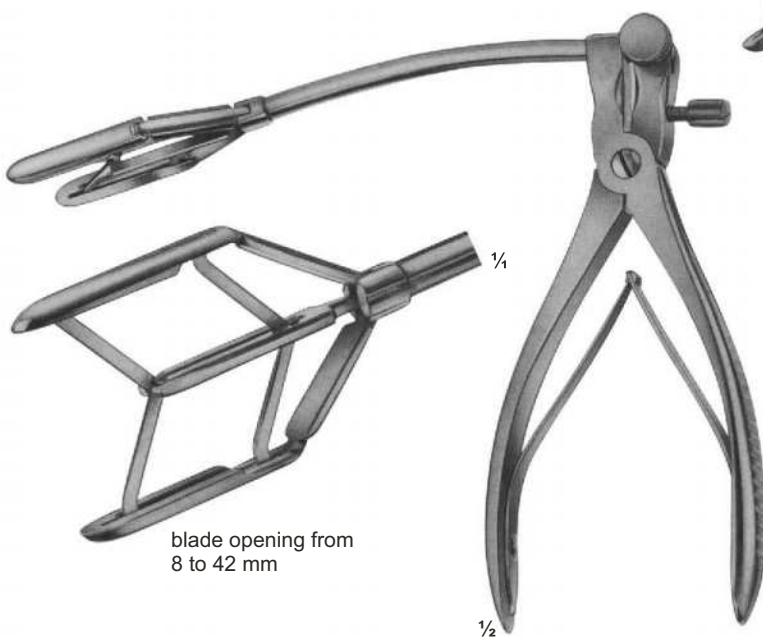


**17-142
SCHULZ**
Biopotome, mit flexiblem Schaft, 510 mm lang,
with round jaws 3 mm diam.

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



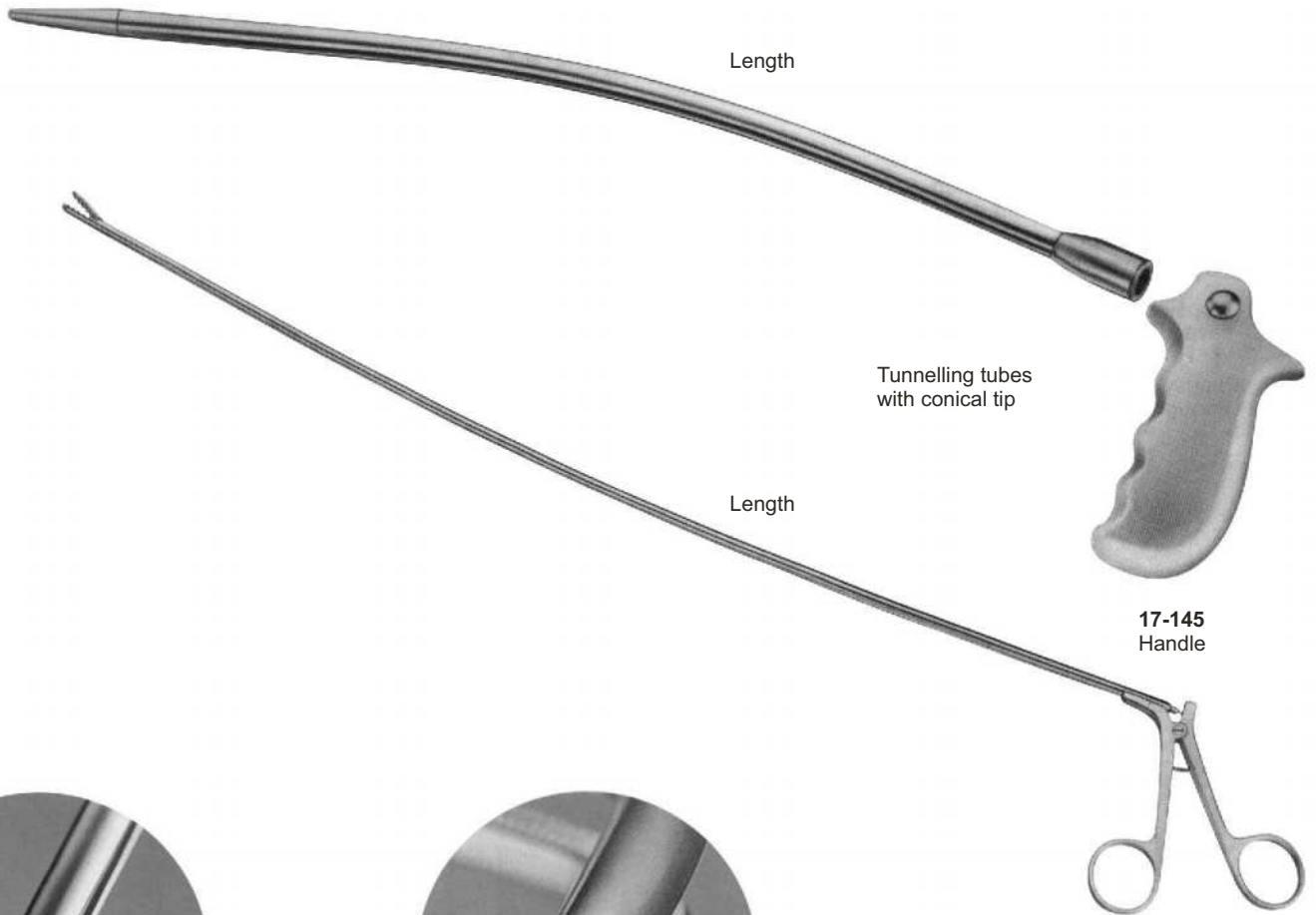
**17-144
COOLEY**
Dilator for
mitral valve
for children



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

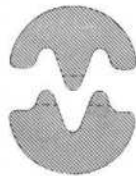


Biopotome and Aortic Dilators



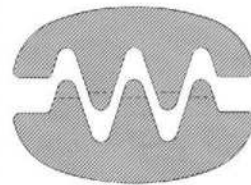
17-145
Handle

17-146
Forceps



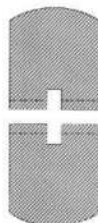
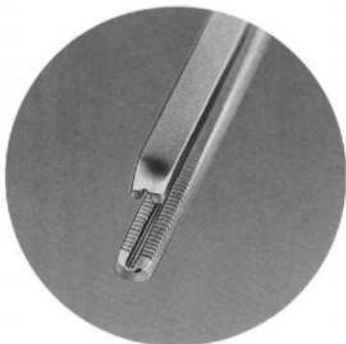
DE BAKEY

17-147
1 : 2 rows of teeth



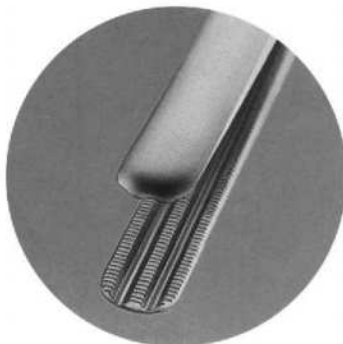
DE BAKEY

17-148
2 : 3 rows of teeth



COOLEY

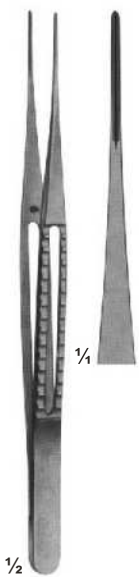
17-149
2 : 2 rows of teeth



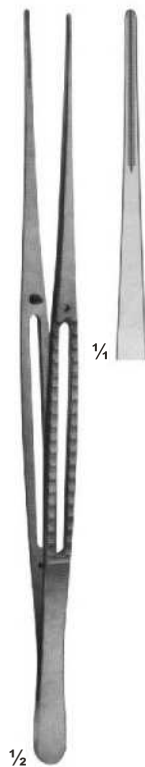
DARDIK

17-150
2 : 3 rows of teeth

Ultra-Light-Forceps



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



17-152
1,5 mm
200 mm



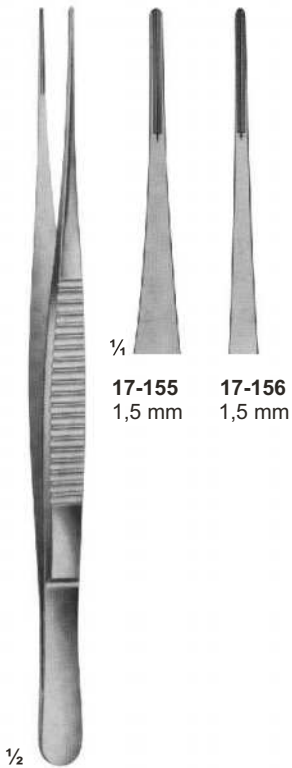
17-153
1,5 mm
240 mm



17-154
1,5 mm
300 mm



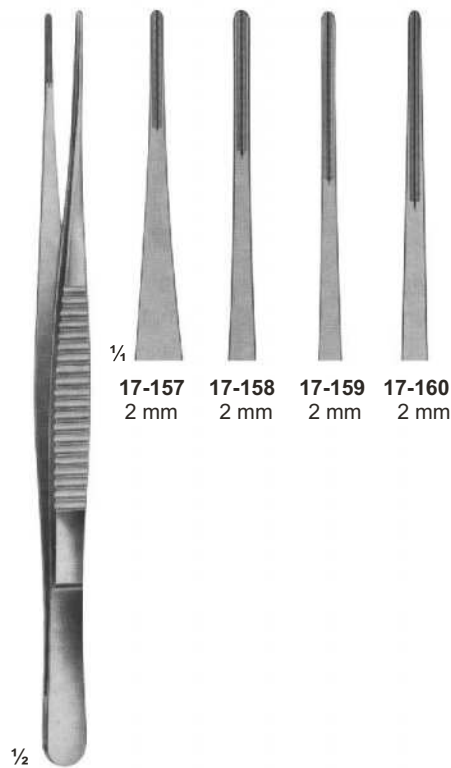
Ultra-Light-Forceps



17-155
1,5 mm

17-156
1,5 mm

17-155 - 156
DE BAKEY
150 mm
300 mm



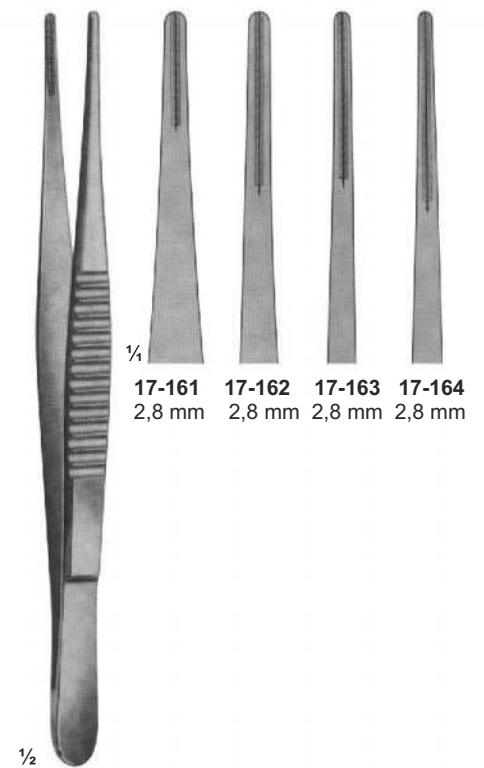
17-157
2 mm

17-158
2 mm

17-159
2 mm

17-160
2 mm

17-157 - 160
DE BAKEY
150 mm 200 mm
300 mm 240 mm



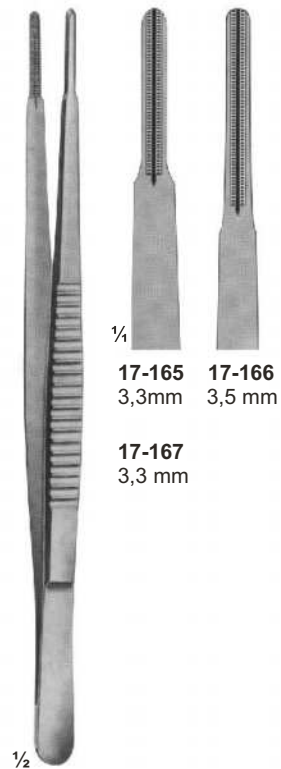
17-161
2,8 mm

17-162
2,8 mm

17-163
2,8 mm

17-164
2,8 mm

17-161 - 164
DE BAKEY
150 mm 200 mm
300 mm 240 mm

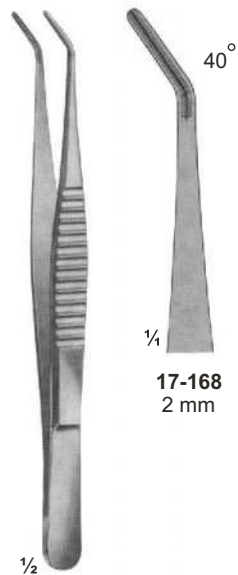


17-165
3,3mm

17-166
3,5 mm

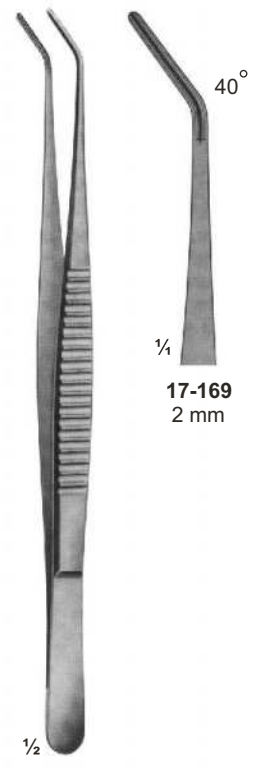
17-167
3,3 mm

17-165 - 167
DE BAKEY
200 mm
300 mm 240 mm



17-168
2 mm

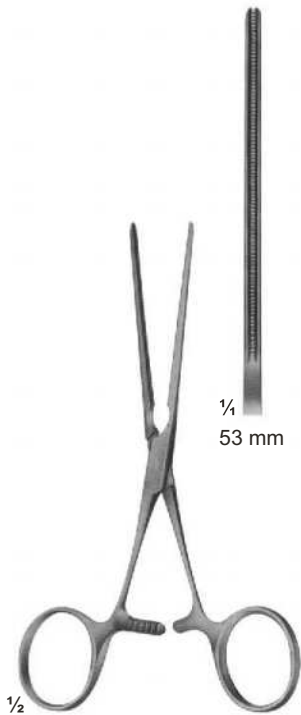
17-168
DE BAKEY
150 mm



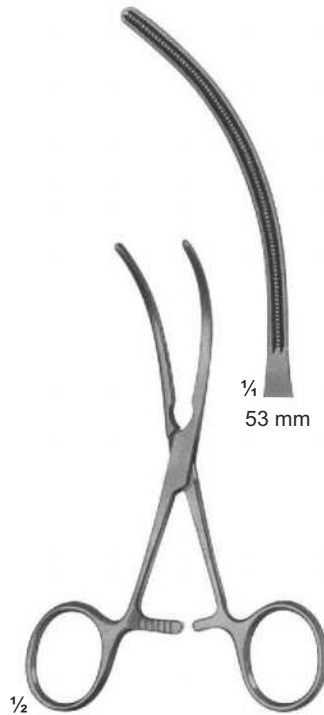
17-169
2 mm

17-169
DE BAKEY
200 mm

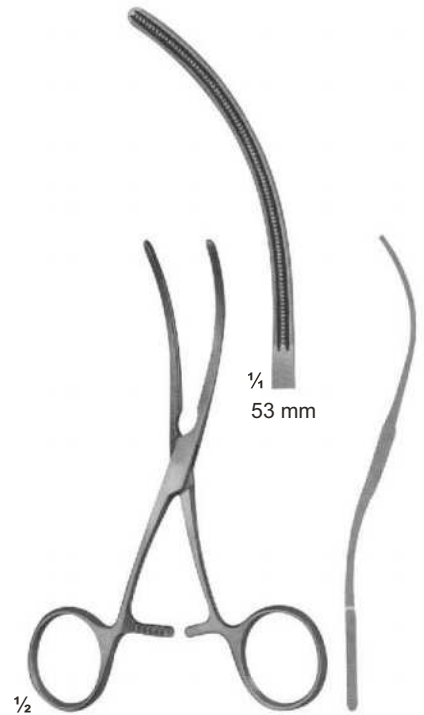
Ring Handle Bulldog Clamps



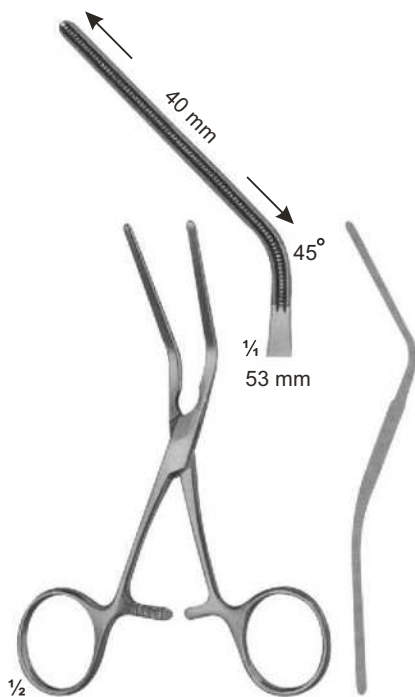
17-170
DE-BAKEY
gerade straight
130 mm



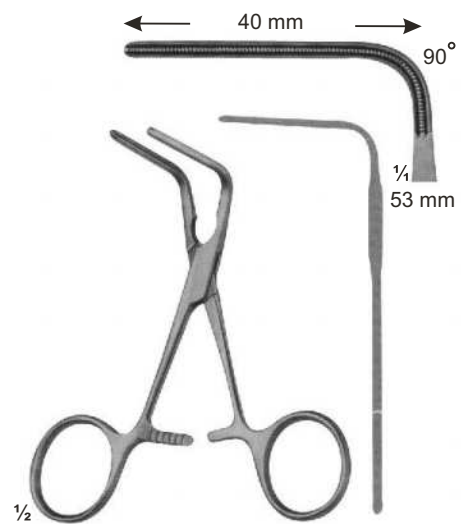
17-171
DE-BAKEY
Maul gebogen
curved jaws
125 mm



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



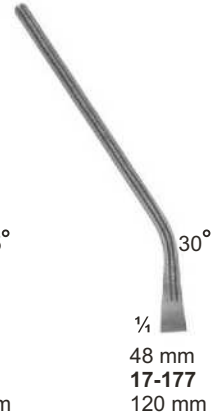
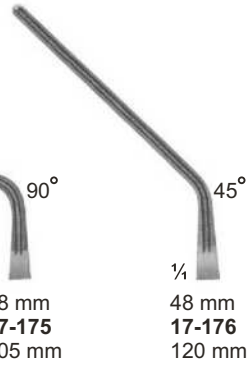
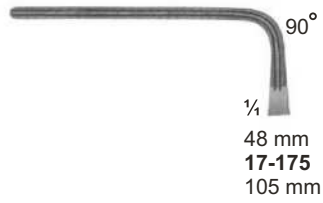
Anastomosis-and Multi-Purpose-Clamps for Neonatales

graduated



1/2

17-175 - 178
CASTANESA

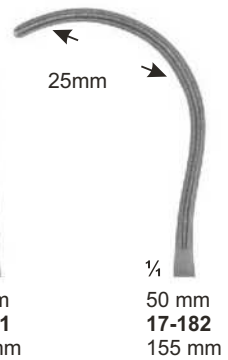
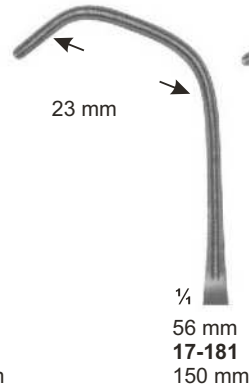
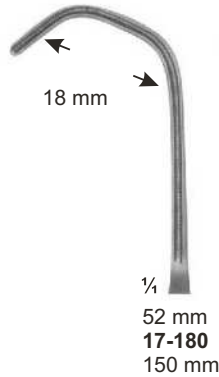
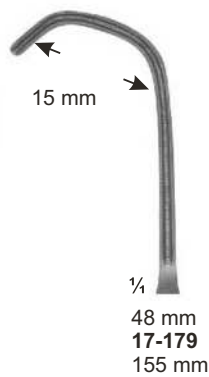


graduated

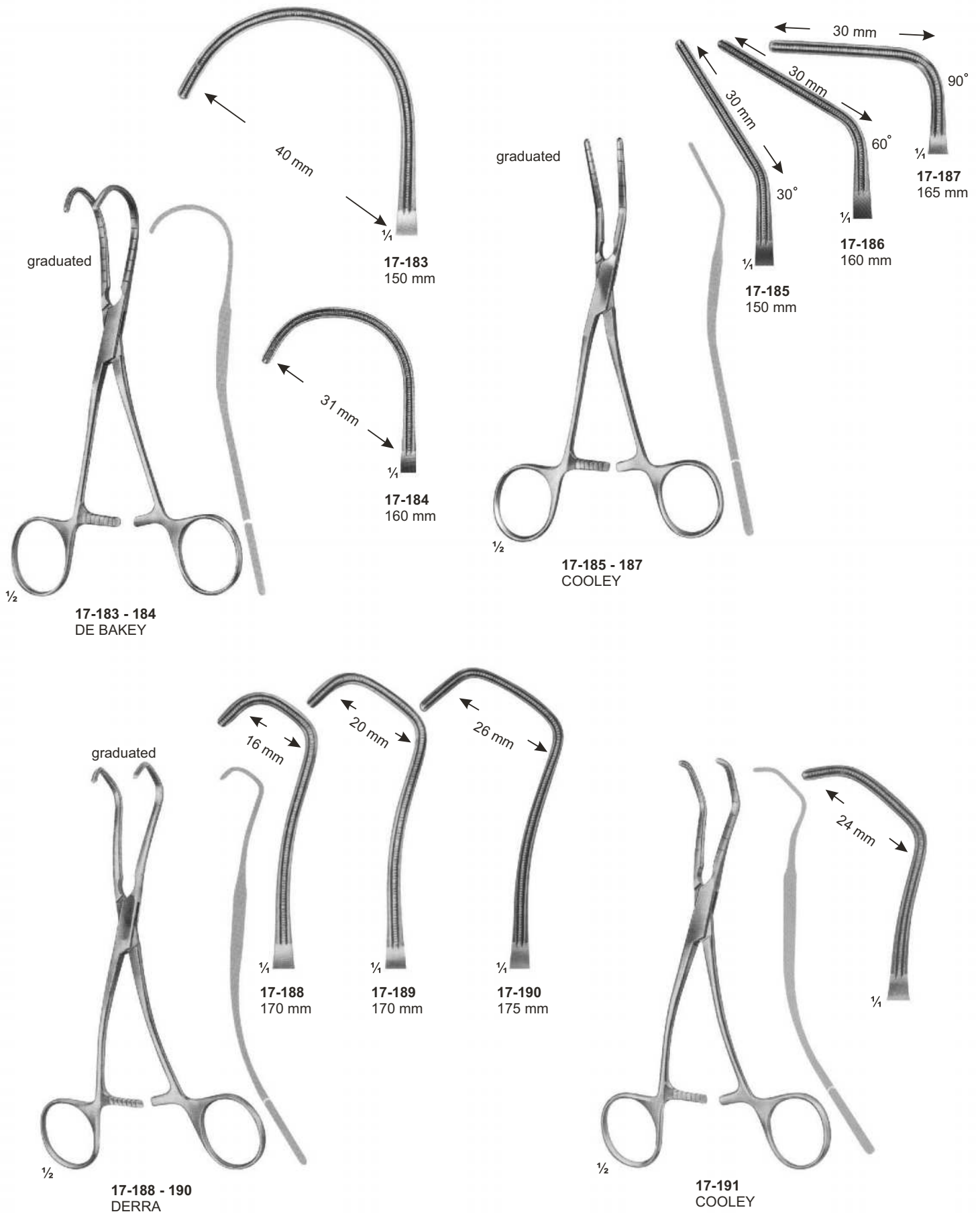


1/2

17-179 - 182
CASTANESA



Anastomosis-and Multi-Purpose-Clamps Pediatric types



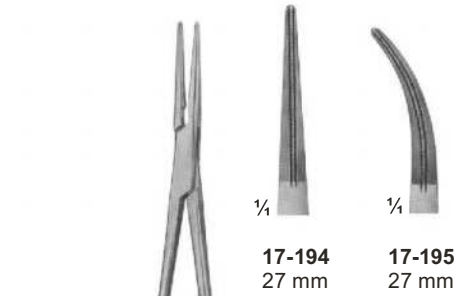
Non-traumatic Haemostatic Forceps



17-192
20 mm

17-193
20 mm

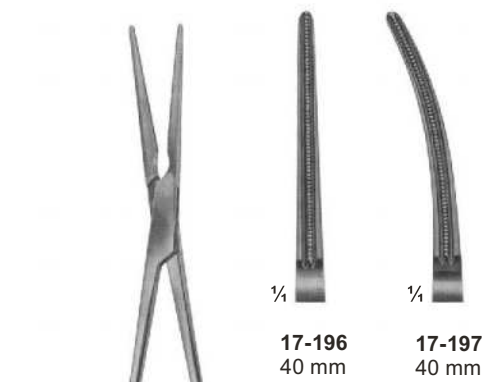
17-192 - 193
125 mm



17-194
27 mm

17-195
27 mm

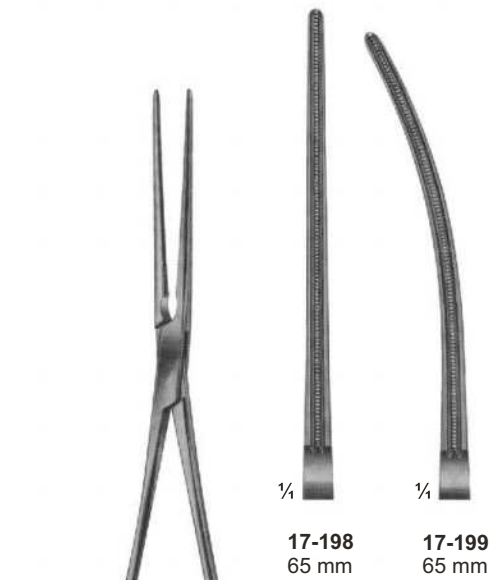
17-194 - 195
165 mm



17-196
40 mm

17-197
40 mm

17-196 - 197
DE BAKEY-BAINRIDGE
155 mm

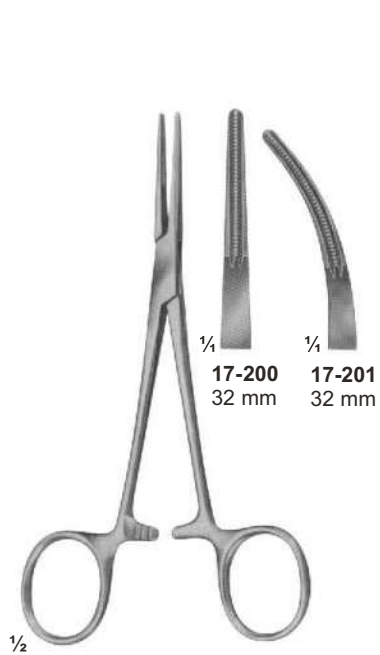


17-198
65 mm

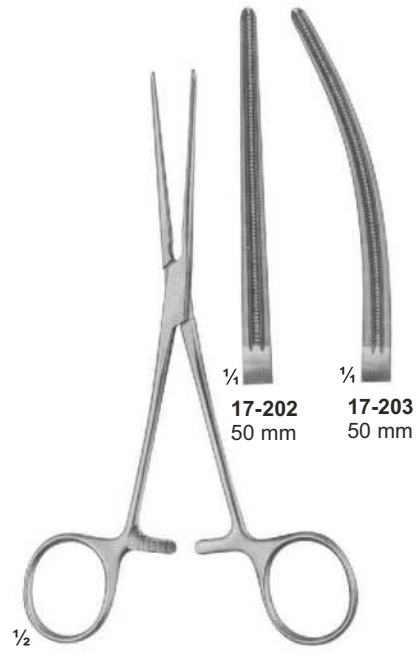
17-199
65 mm

17-198 - 199
DE BAKEY-BAINRIDGE
180 mm

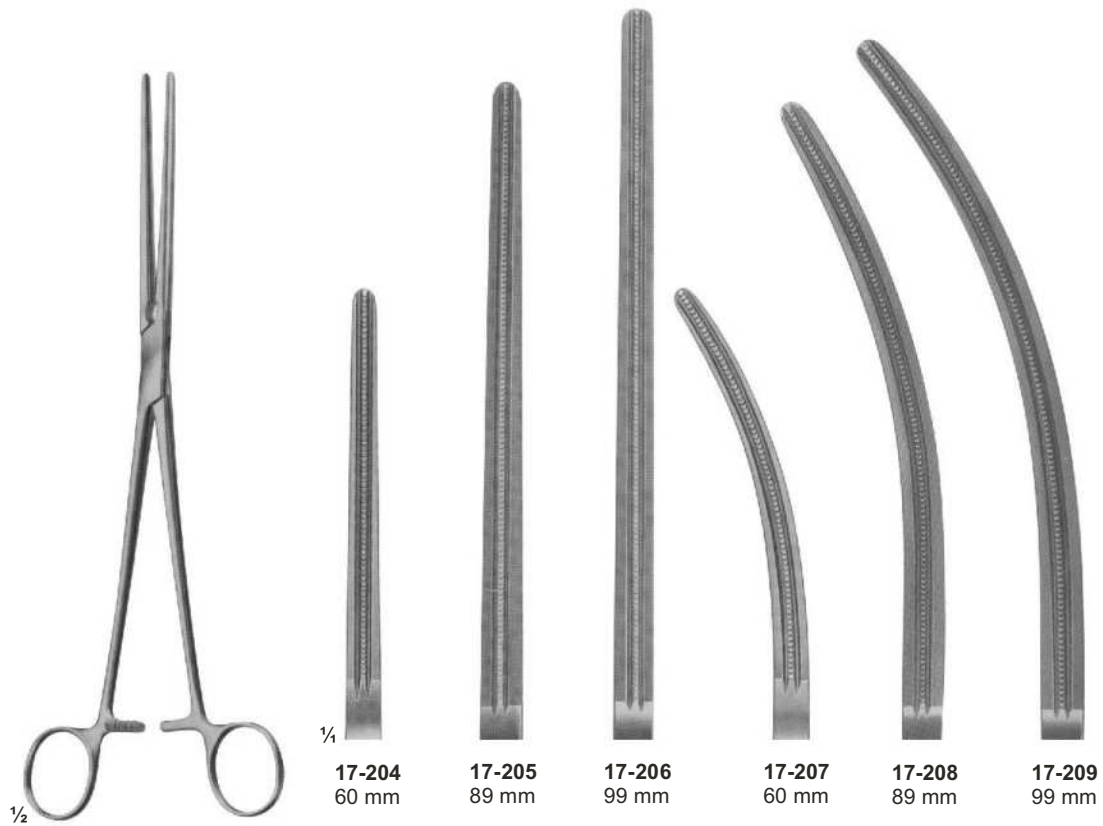
Non-traumatic Haemostatic Forceps



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



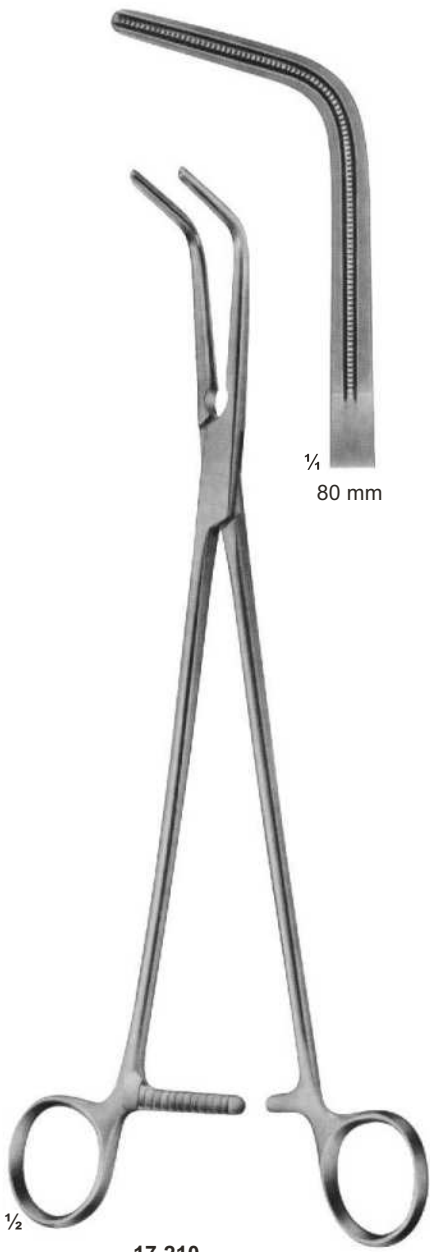
17-202 - 203
PEAN
155 mm



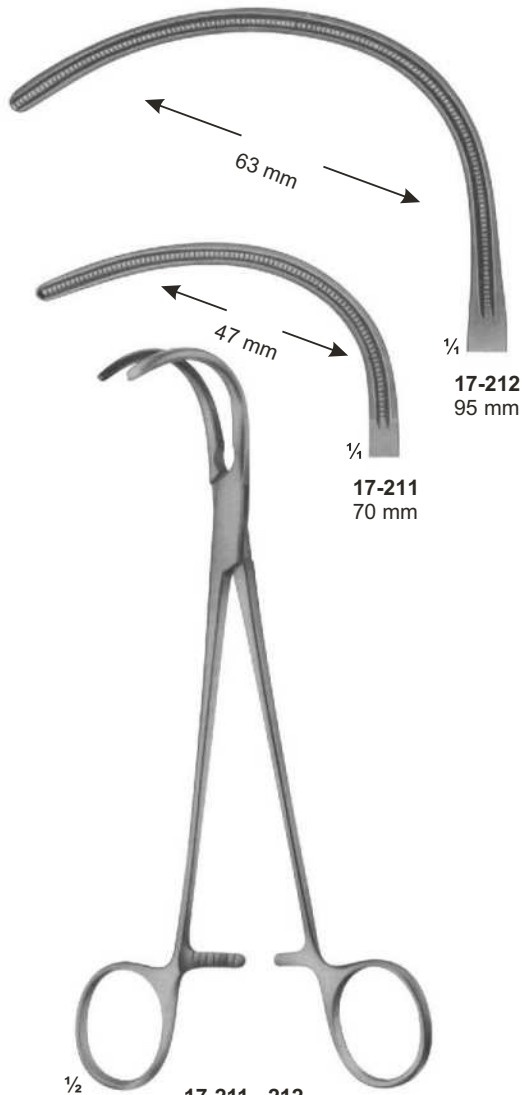
17-204 - 209
DE-BAKEY-PEAN DE-BAKEY-PEAN
17-204 200 mm 17-207 200 mm
17-205 265 mm 17-208 260 mm
17-206 280 mm 17-209 275 mm



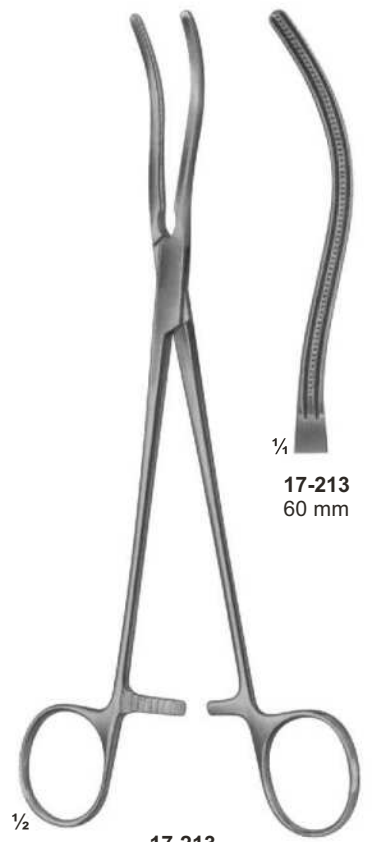
Anastomosis Clamps



17-210
DE-BAKEY-MIXTER
285 mm

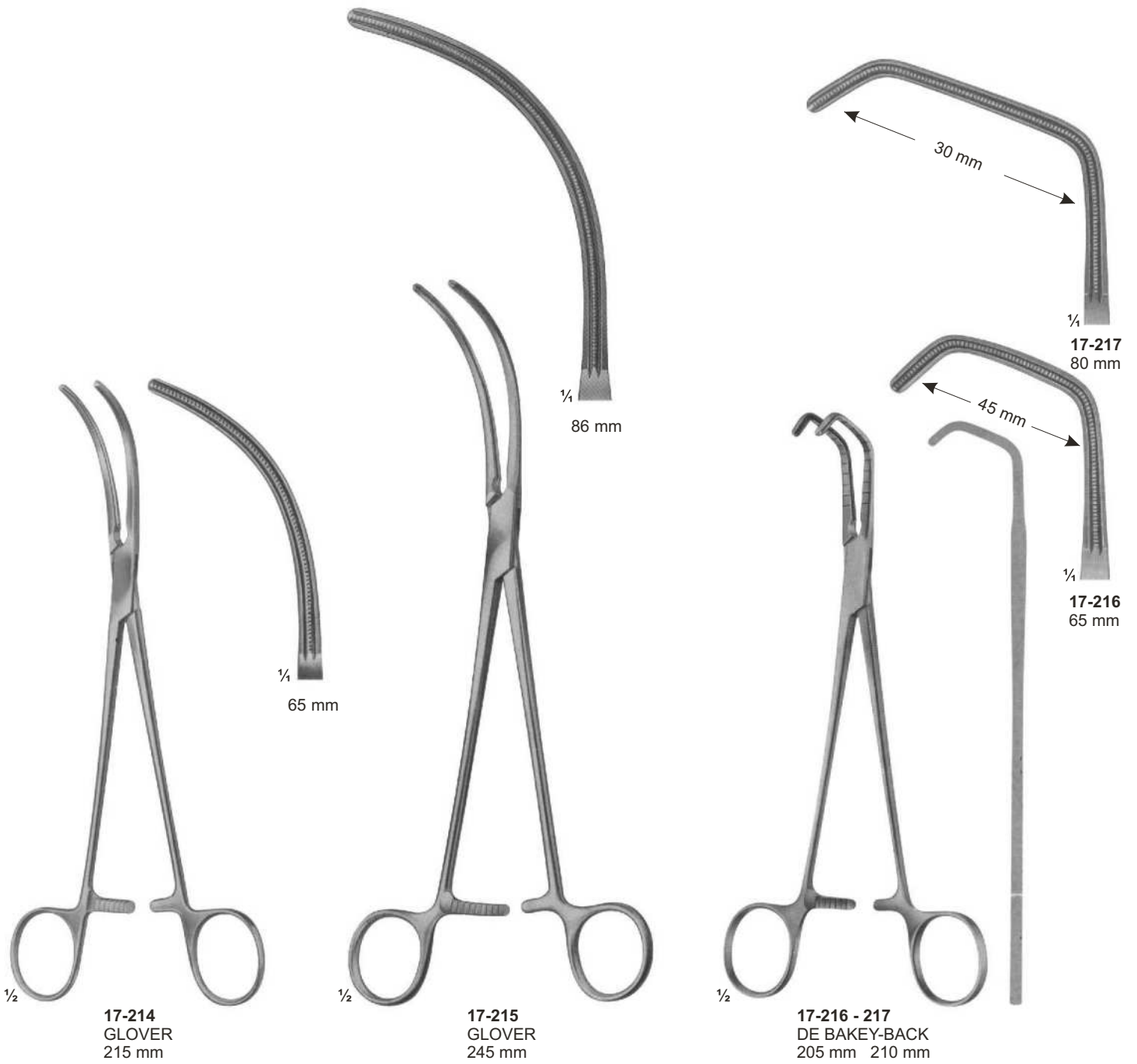


17-211 - 212
GLOVER
245 mm

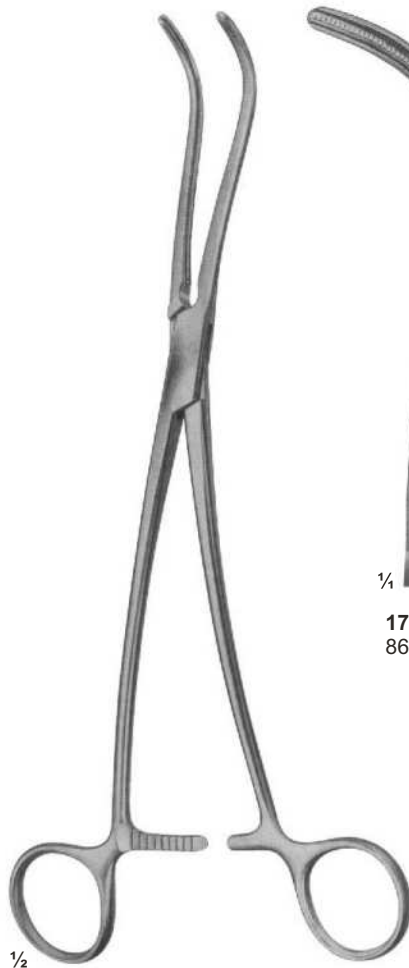


17-213
GLOVER
220 mm

Vena-Cava Clamps



Vena-Cava Clamps



1/2



1/4
17-218
86 mm



1/4
17-219
86 mm



1/4
17-220
86 mm



1/4
17-221
86 mm

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



1/2

17-222 - 226
DE BAKY

Total Length: 220 mm
Length of jaws: 85 mm



1/4
17-222

36 mm

1/4
17-223

48 mm

1/4
17-224

54 mm

1/4
17-225

58 mm

1/4
17-226

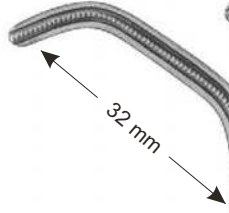
75 mm

Vena-Cava Clamps



1/2

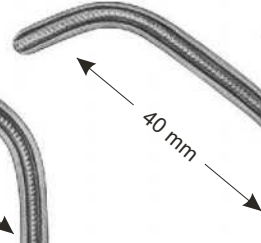
17-227 - 229
DE BAKEY-SATINSKY
235 mm, 240 mm, 245 mm



32 mm

1/4

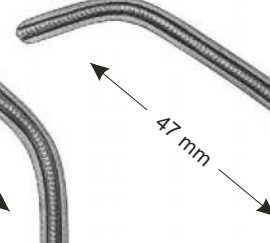
17-227
68 mm



40 mm

1/4

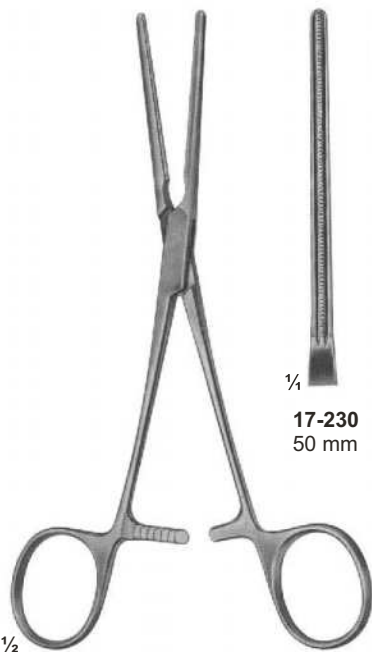
17-228
76 mm



47 mm

1/4

17-229
84 mm



1/2

17-230 - 231
DE BAKEY
170 mm, 165 mm

1/4

17-230
50 mm



1/4

17-231
50 mm



1/2

17-232
DE BAKEY
165 mm

1/4

50 mm



Vena-Cava Clamps



1/4
17-233
41 mm



17-234
65 mm



17-235
80 mm

17-233 - 235
DE BAKEY
205 mm, 225 mm, 240 mm



1/4
17-236
41 mm

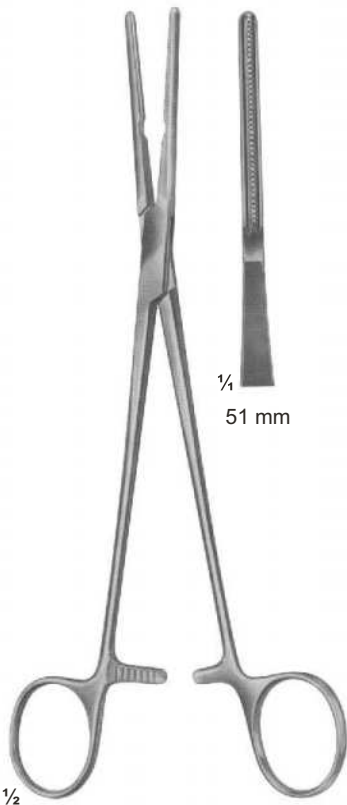


17-237
65 mm



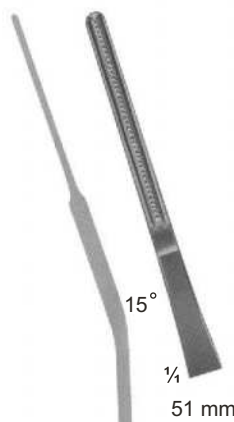
17-238
80 mm

17-236 - 238
DE BAKEY
200 mm, 225 mm, 240 mm



1/4
51 mm

17-239
DE BAKEY
210 mm



15°
1/4
51 mm

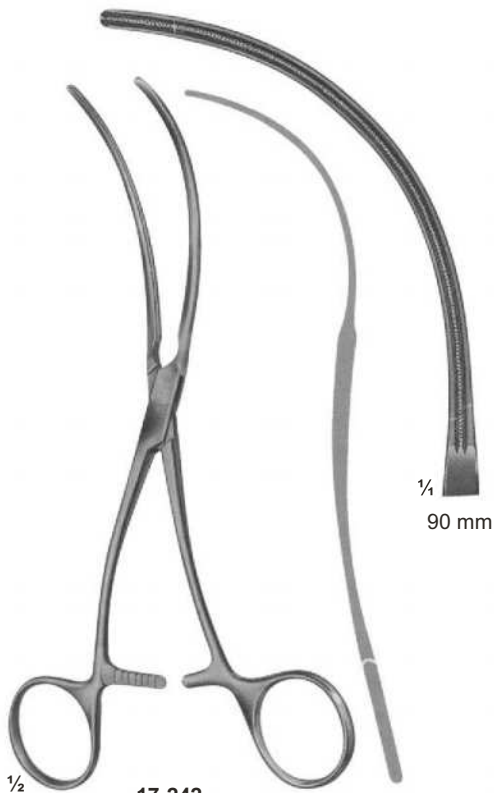
17-240
DE BAKEY
210 mm



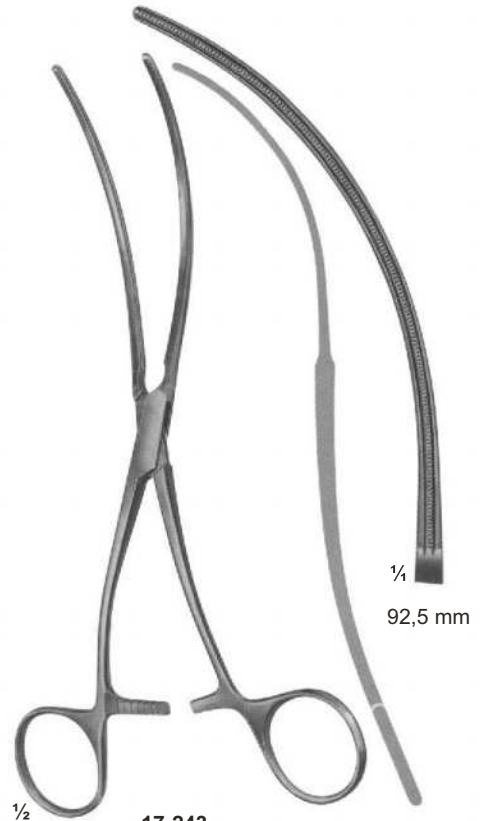
1/4
56 mm

17-241
DE BAKEY
160 mm

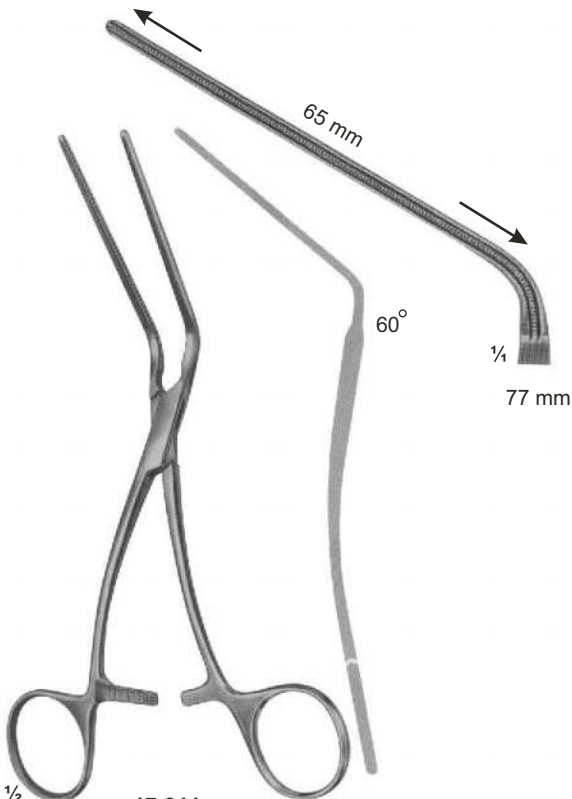
Vena-Cava Clamps



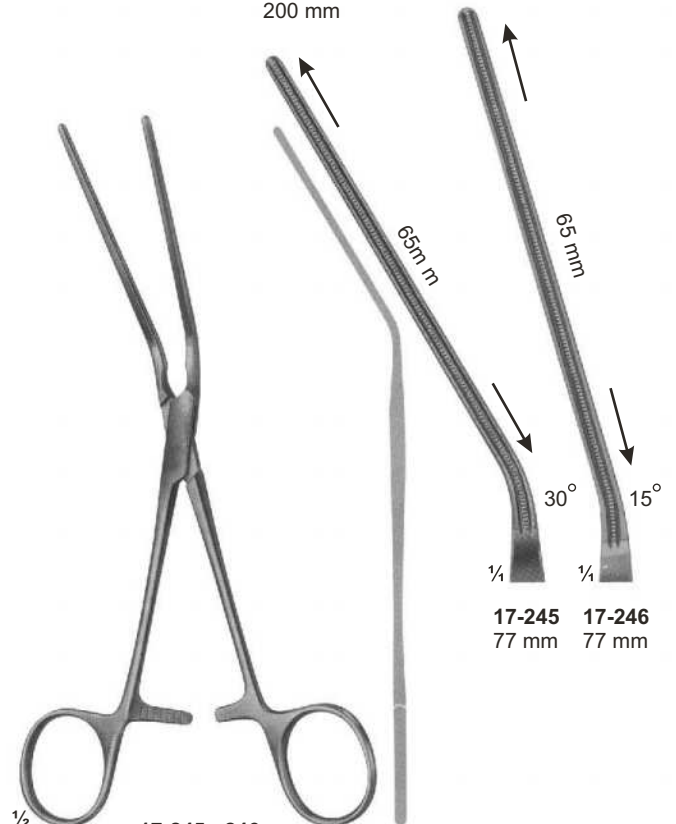
**17-242
DE BAKEY
190 mm**



**17-243
DE BAKEY
200 mm**



**17-244
DE BAKEY
180 mm**



**17-245 - 246
DE BAKEY
190 mm**



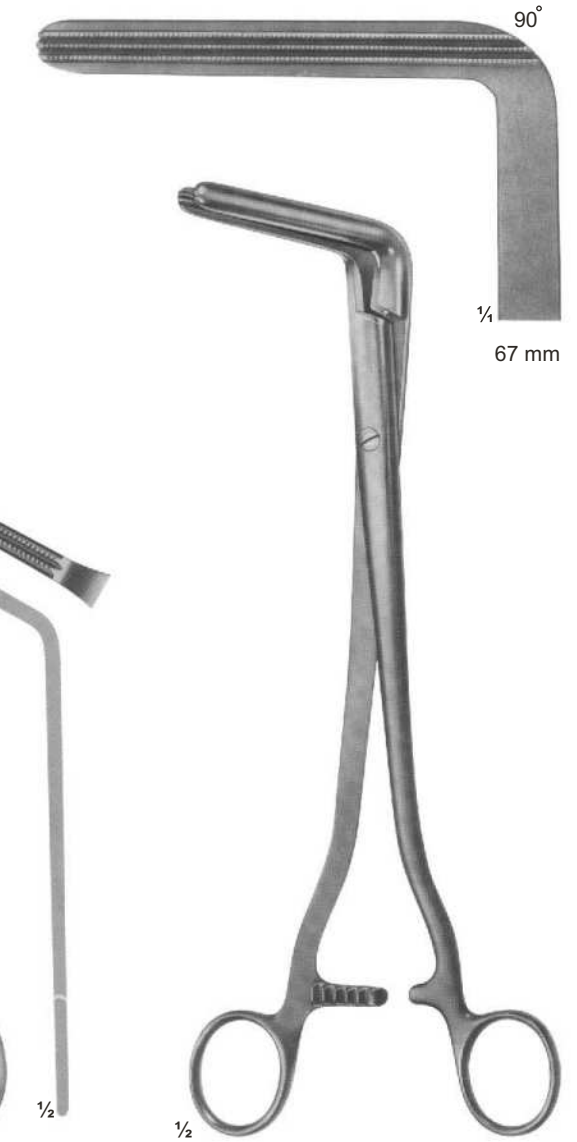
Vena-Cava Clamps



17-247
LELAND-JONES
195 mm



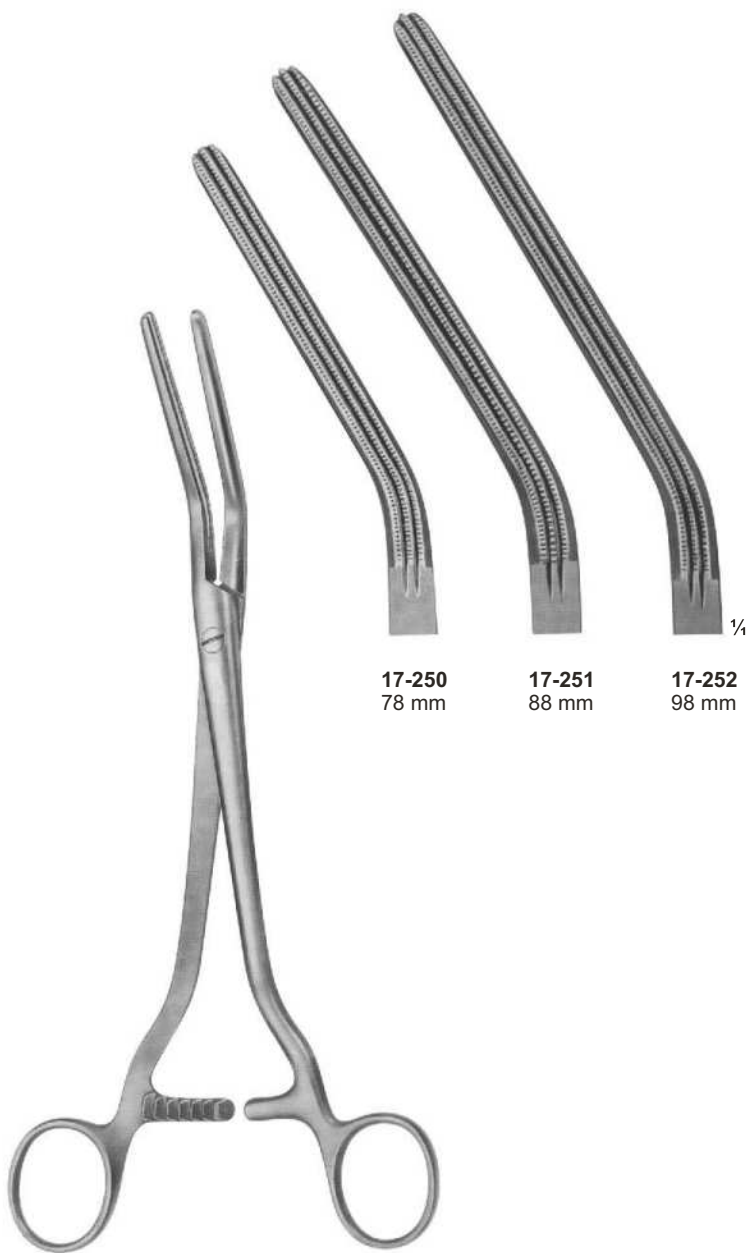
17-248
DE BAKEY
200 mm



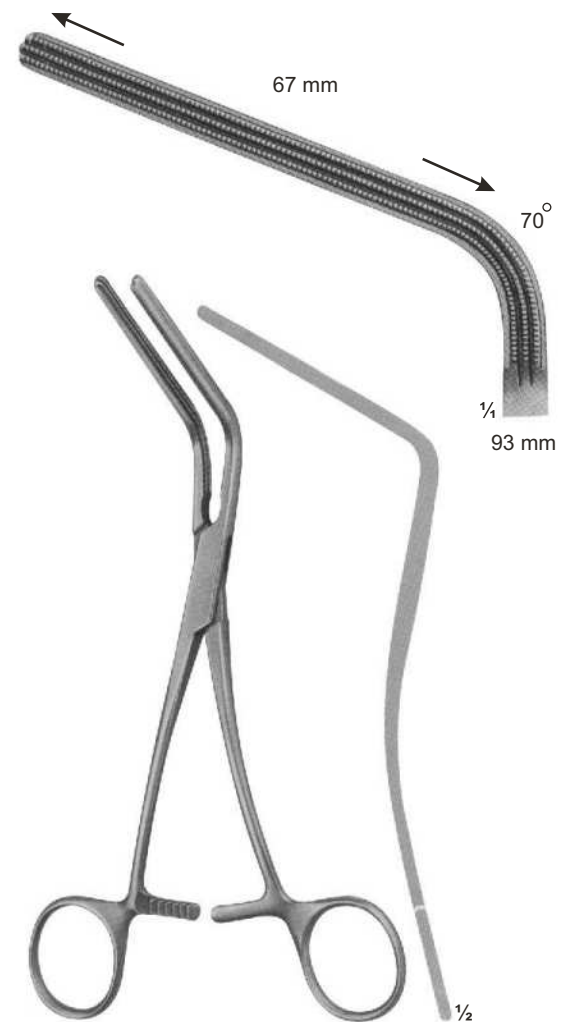
17-249
WERTHEIM
250 mm

Iliac clamp

Vena-Cava Clamps



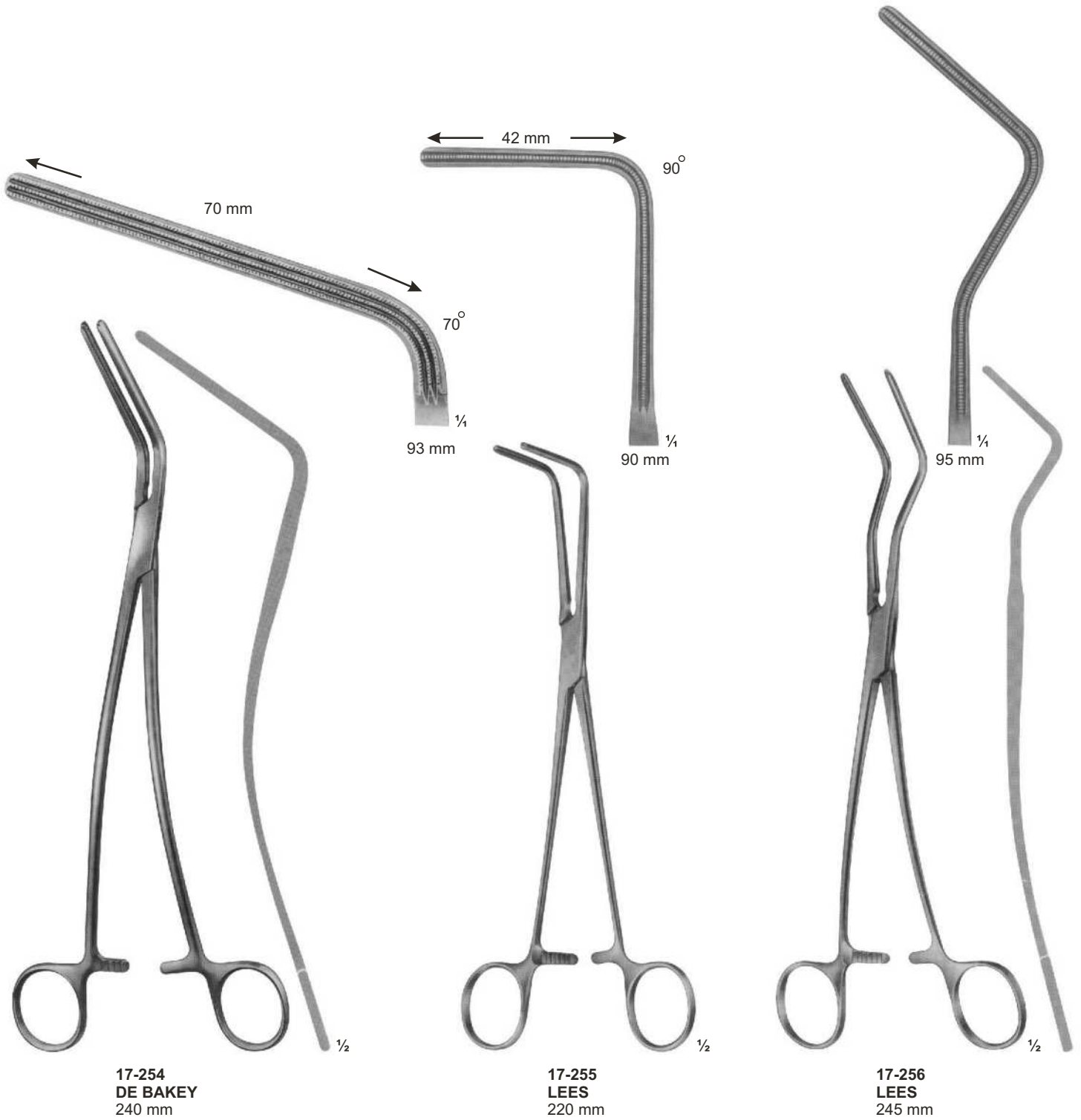
17-250 - 252
DICK
255 mm, 265 mm, 275 mm



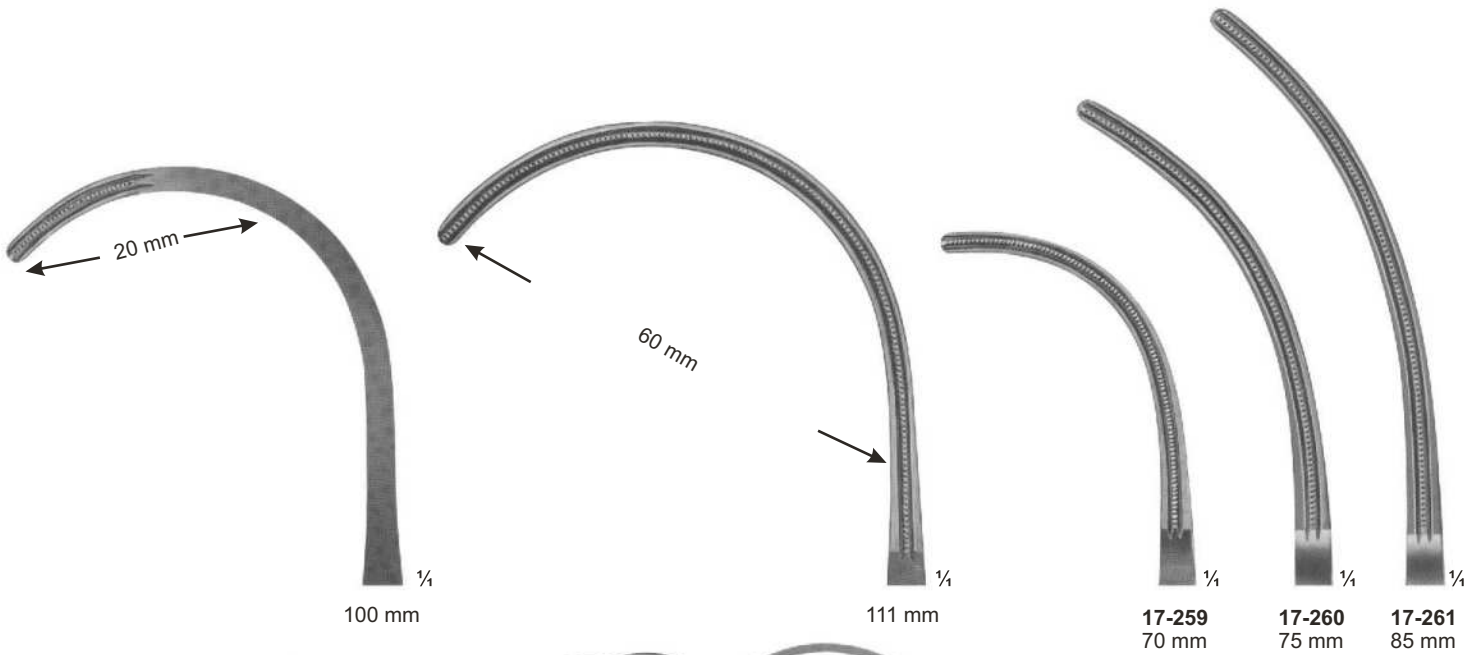
17-253
MORRIS
175 mm



Vena-Cava Clamps



Vena-Cava Clamps



**17-257
DE BAKEY**
265 mm



**17-258
DE BAKEY**
270 mm



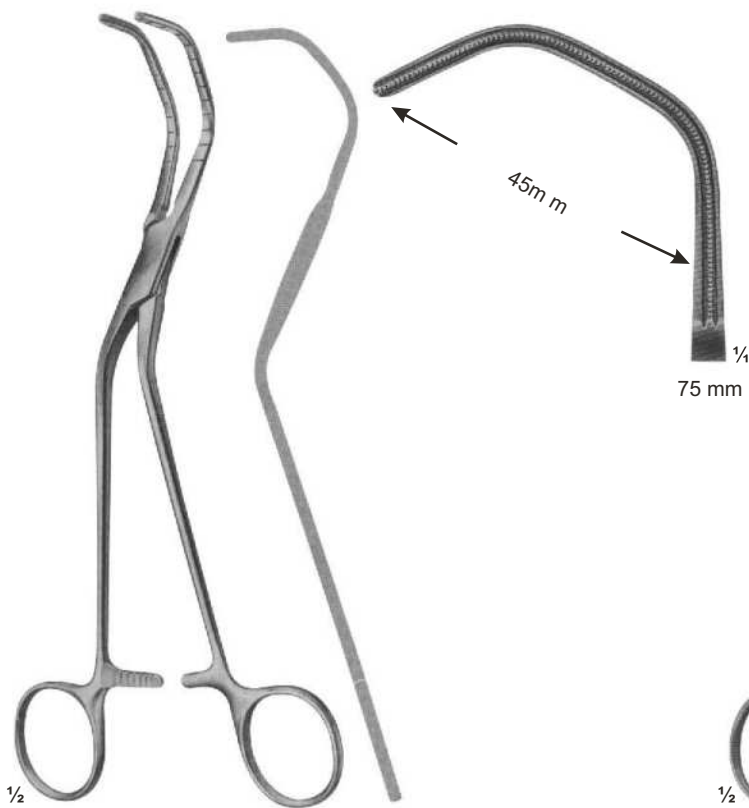
**17-259 - 261
DE BAKEY**
255 mm, 265 mm, 280 mm



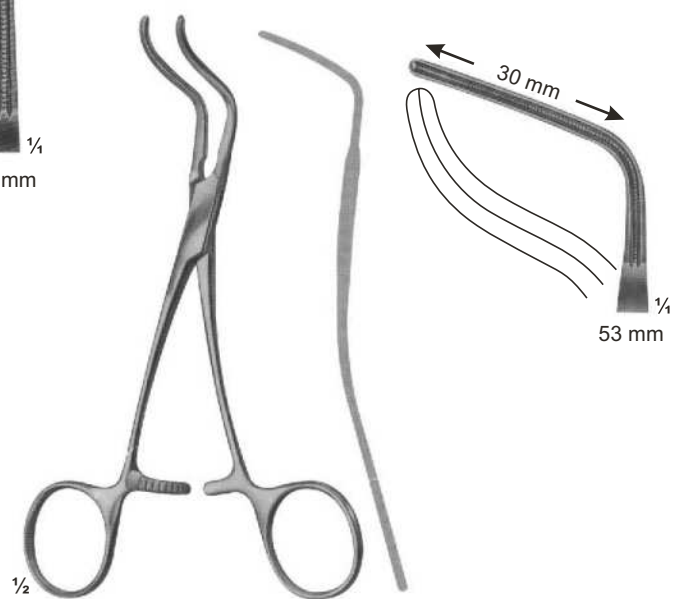
Vena-Cava Clamps



Vena-Cava Clamps



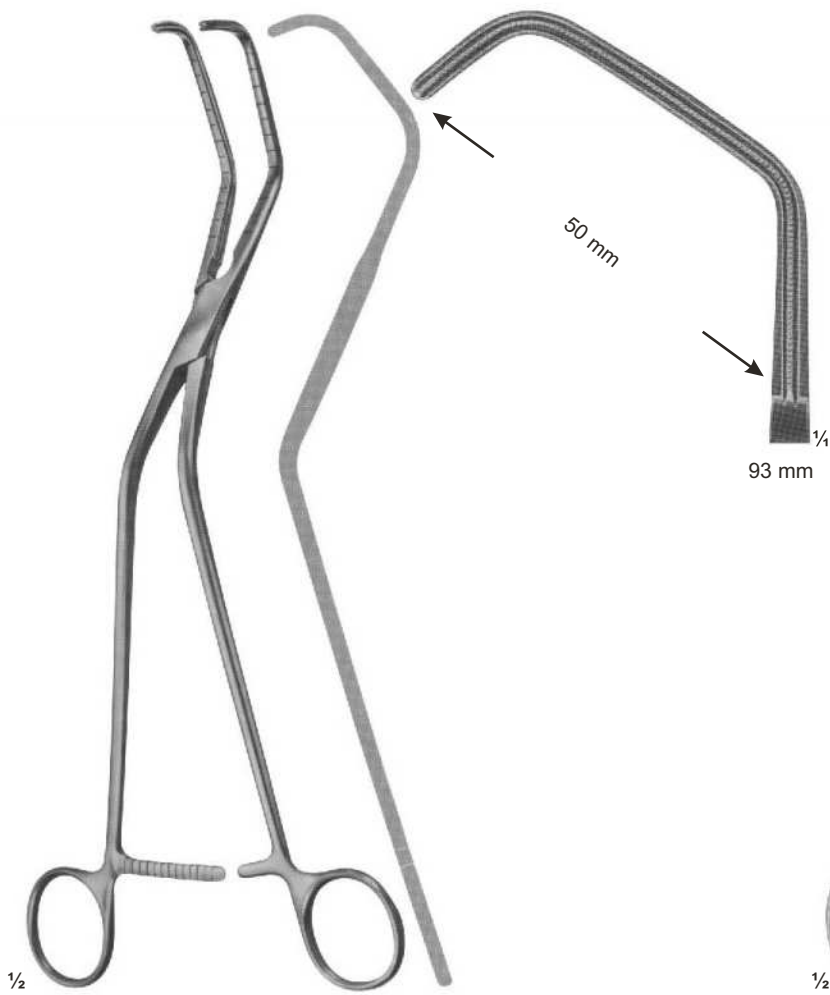
**17-267
DIETRICH**
210 mm



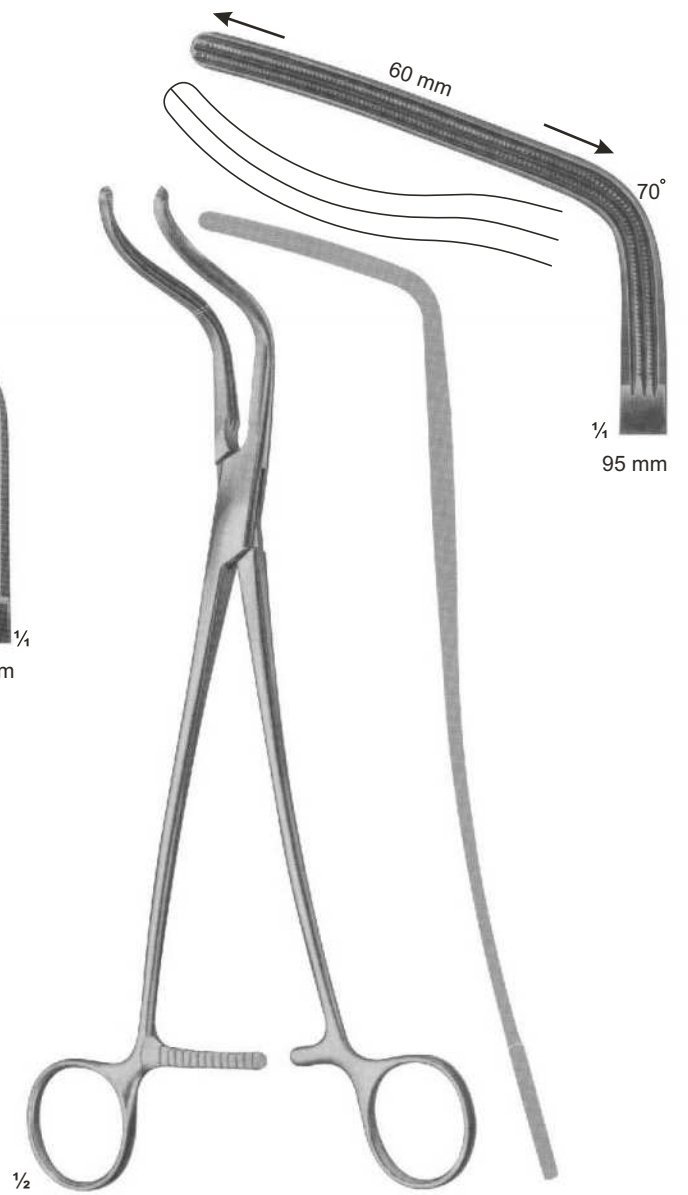
**17-268
SUBRAMANIAN**
155 mm



Vena-Cava Clamps



17-269
OCHSNER
260 mm

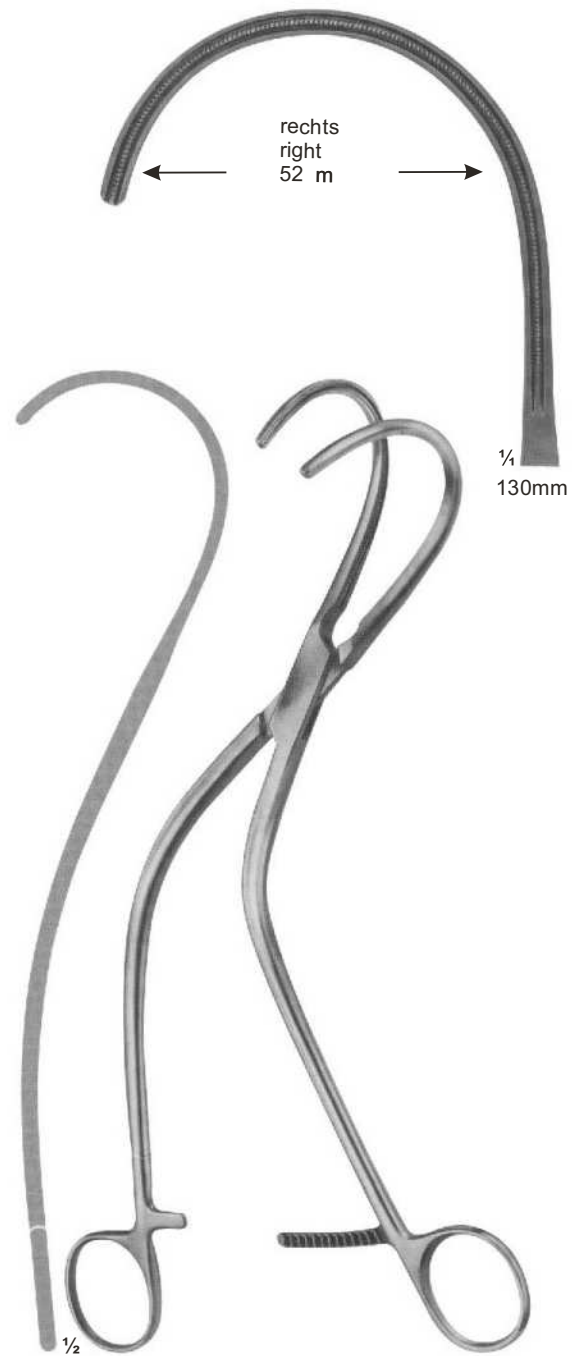


17-270
DE BAKEY
265 mm

Aorta-Anastomosis Clamps



L
17-271
WEBER
265 mm



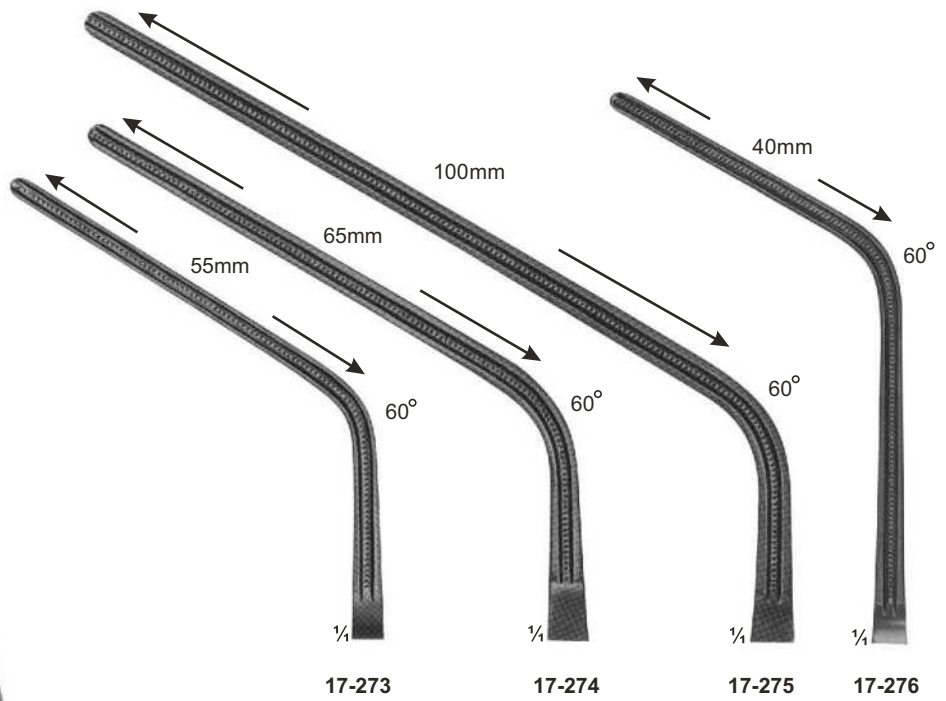
R
17-272
WEBER
265 mm



Aorta-Anastomosis Clamps



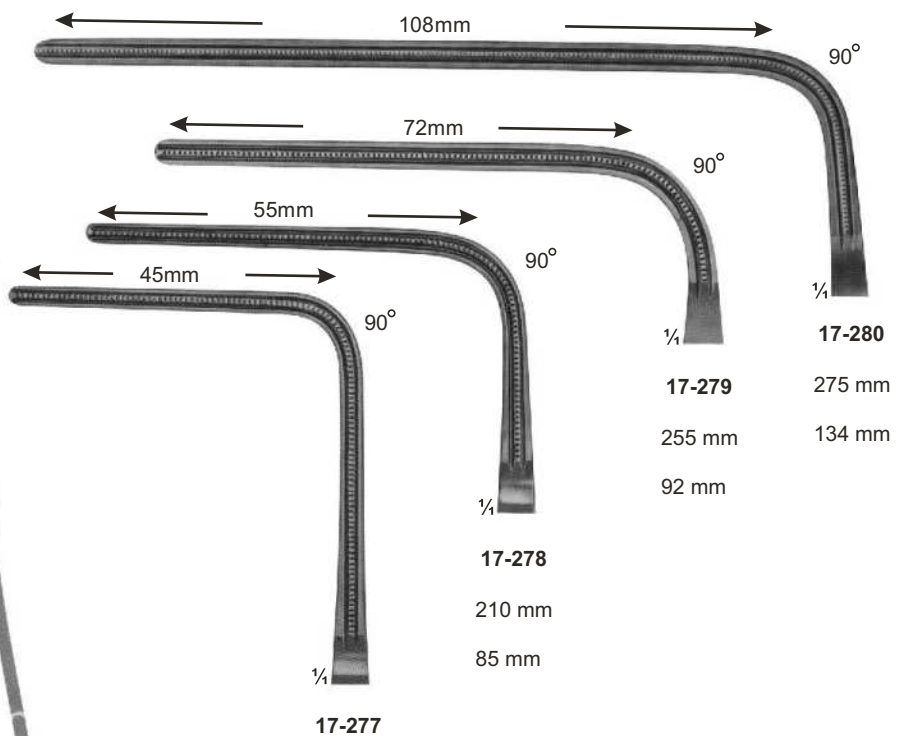
1/2 **17-273 - 276**
DE BAKEY



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

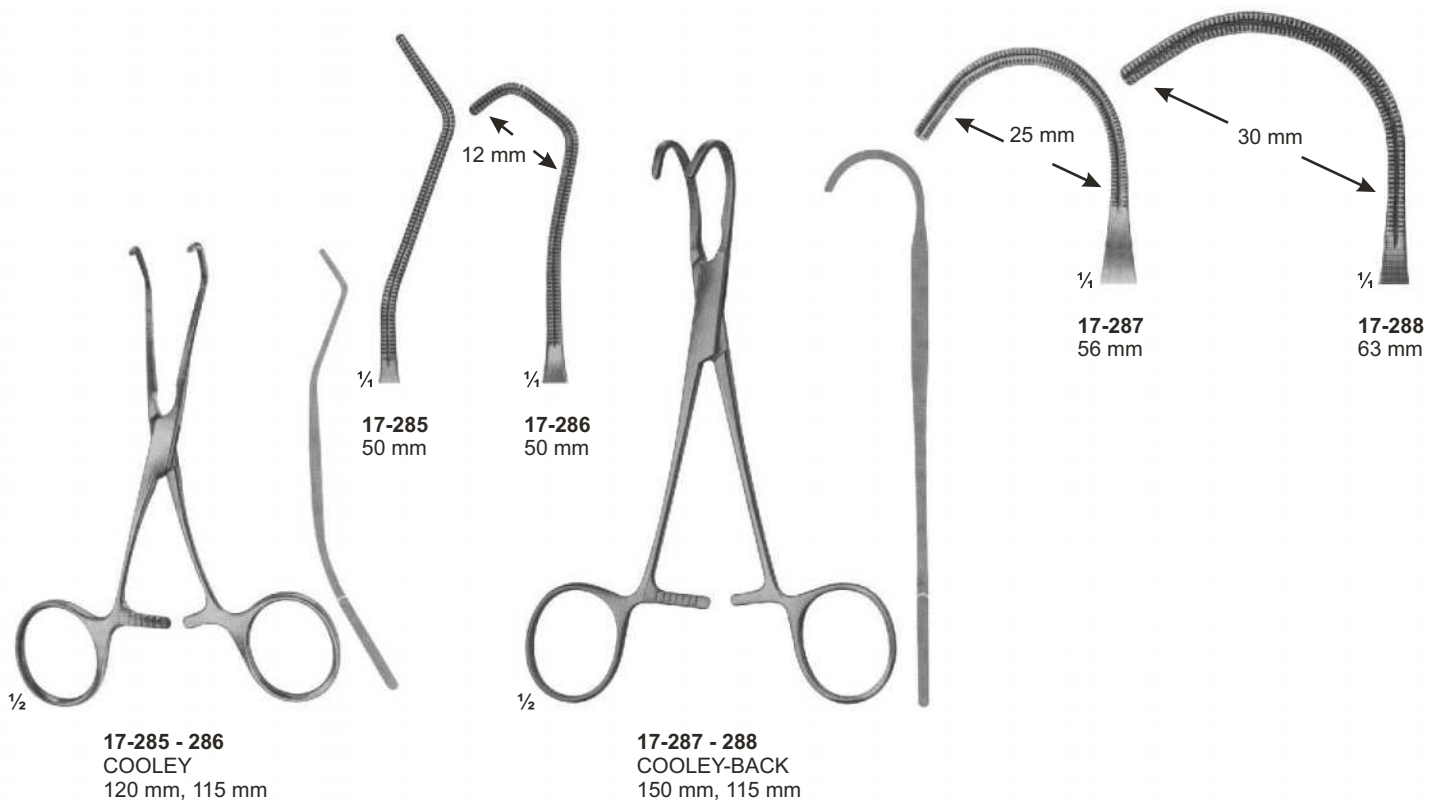
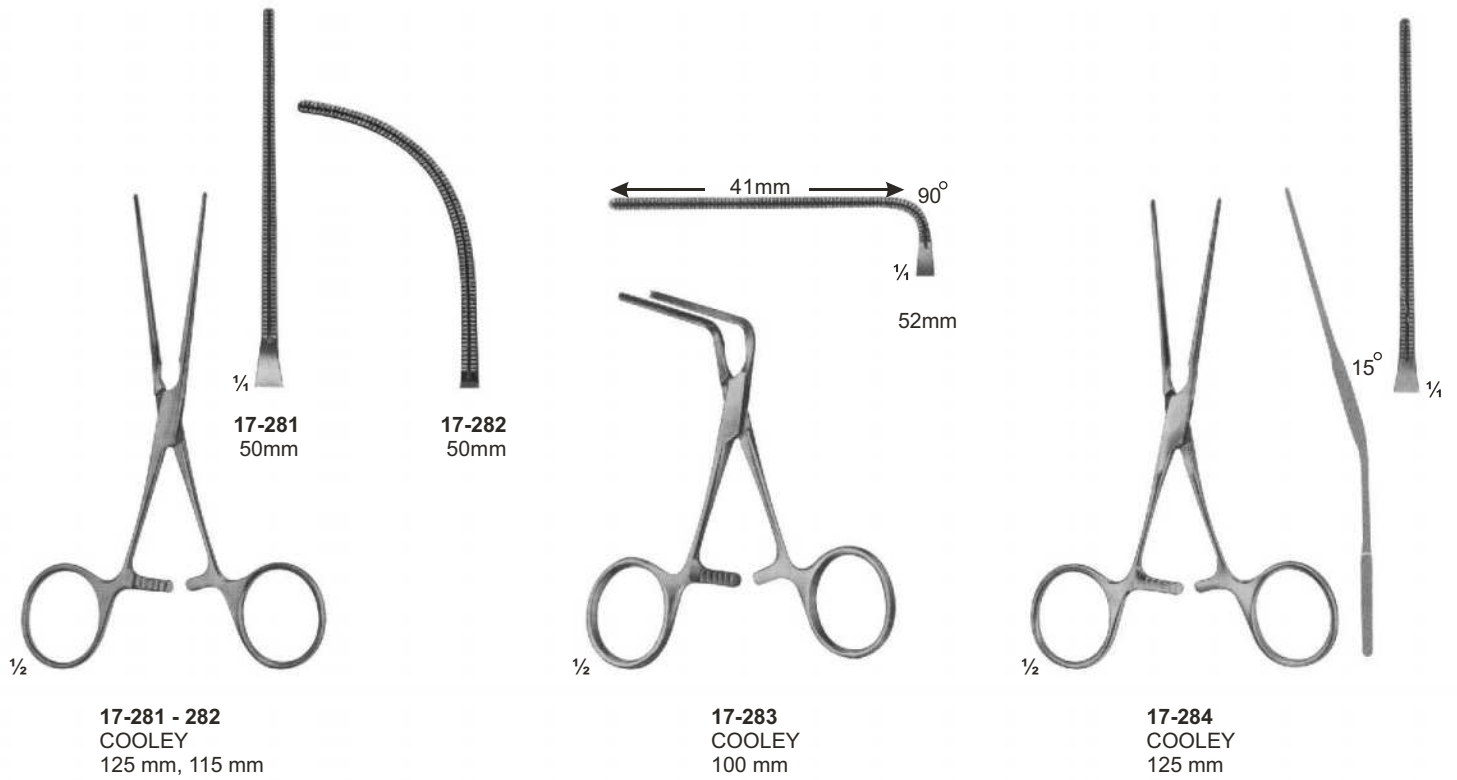


1/2 **17-277 - 280**
DE BAKEY

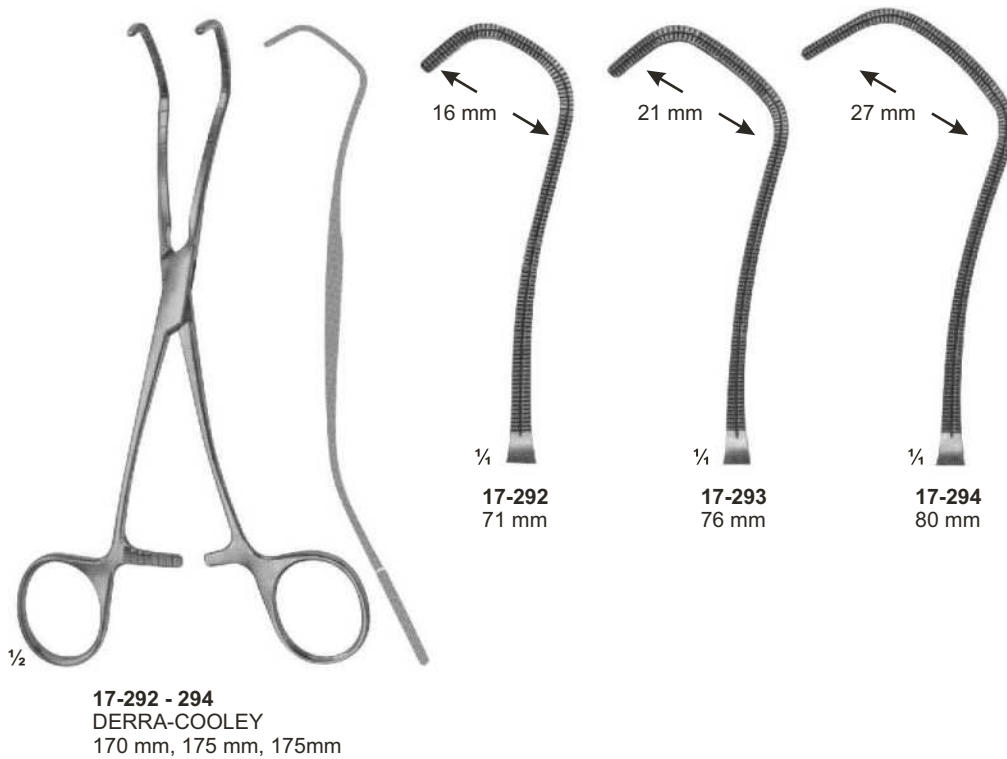
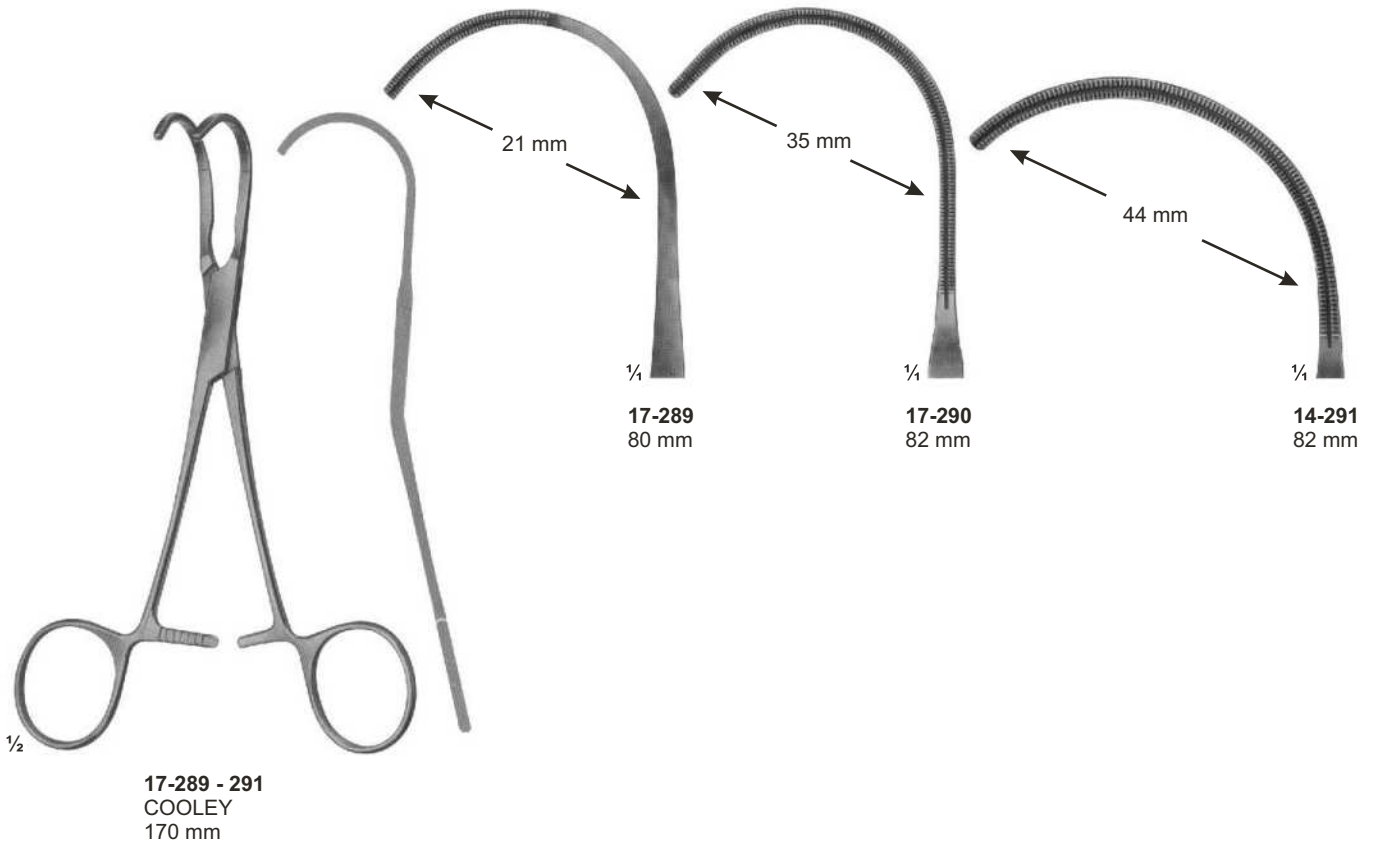


Total Length:	225 mm
Length of jaws:	93 mm

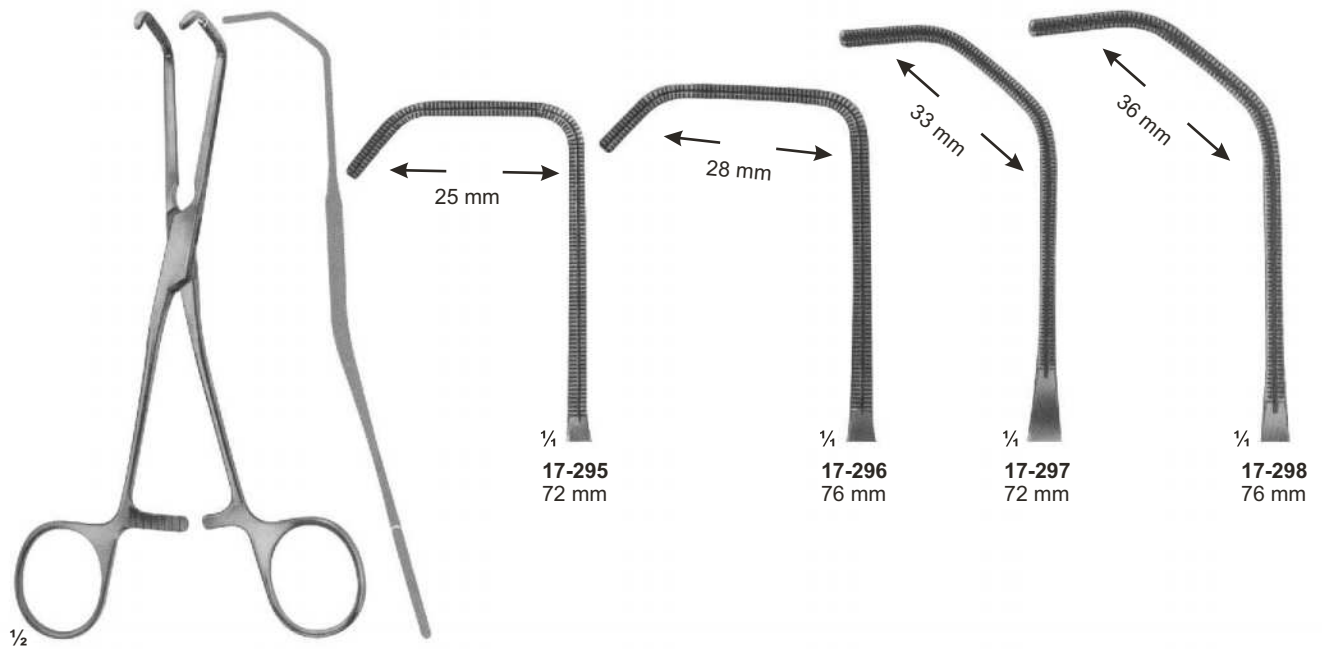
Aorta-Anastomosis Clamps



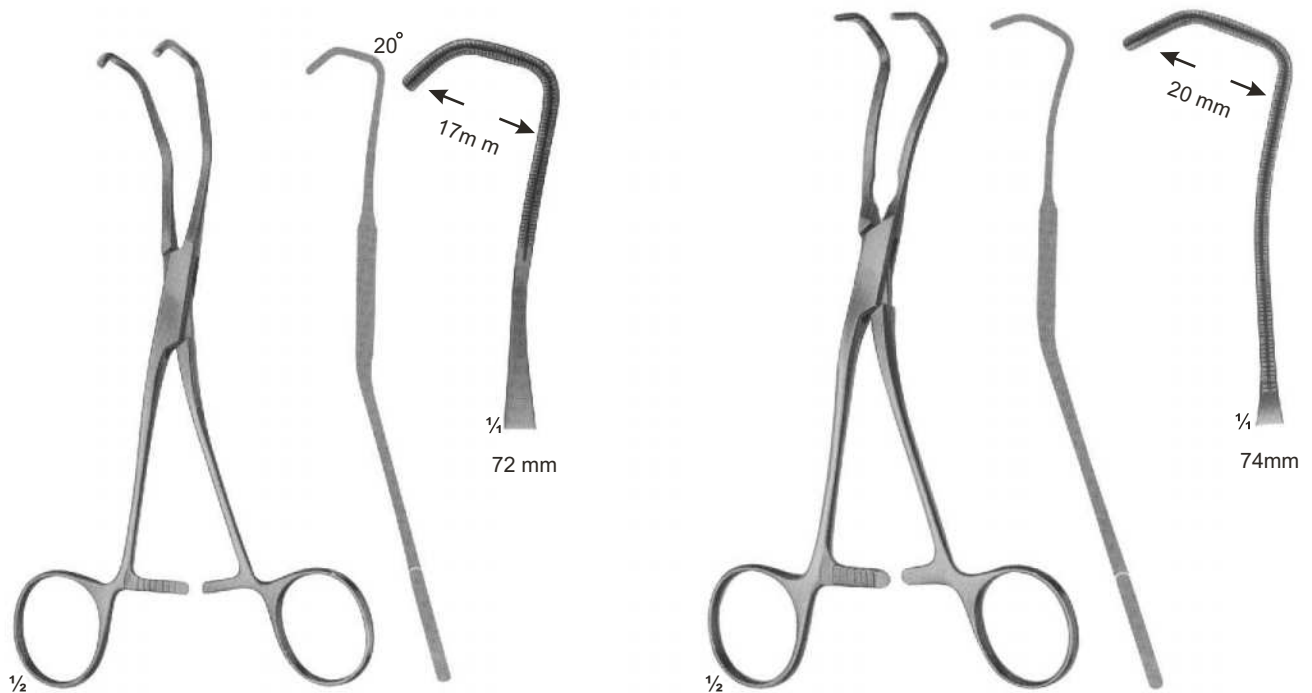
Aorta-Anastomosis Clamps



Aorta-Anastomosis Clamps



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

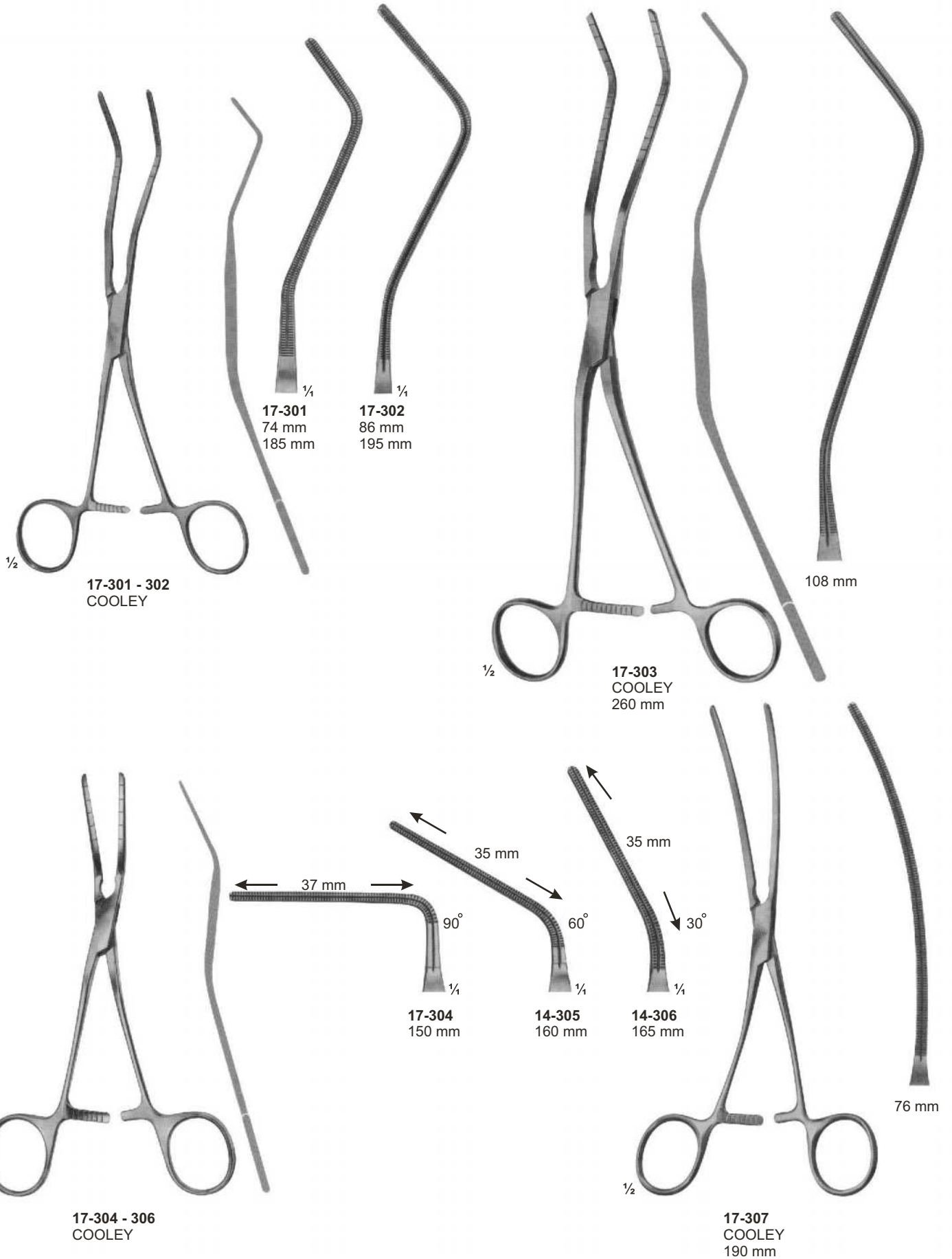


17-299
COOLEY
170 mm

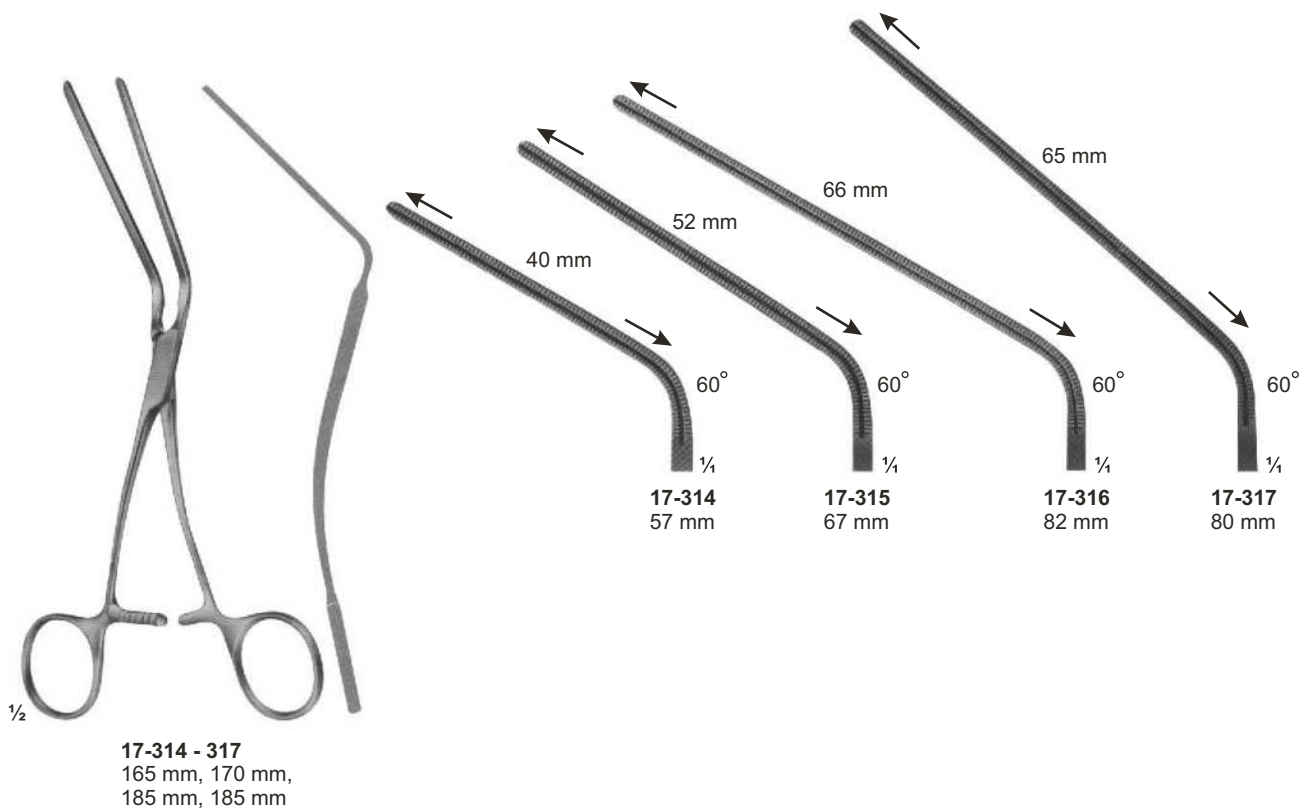
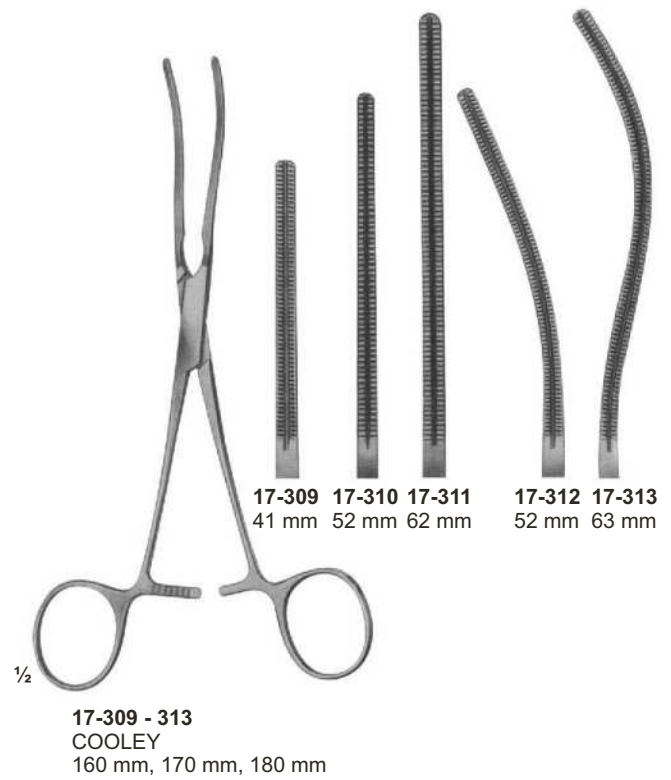
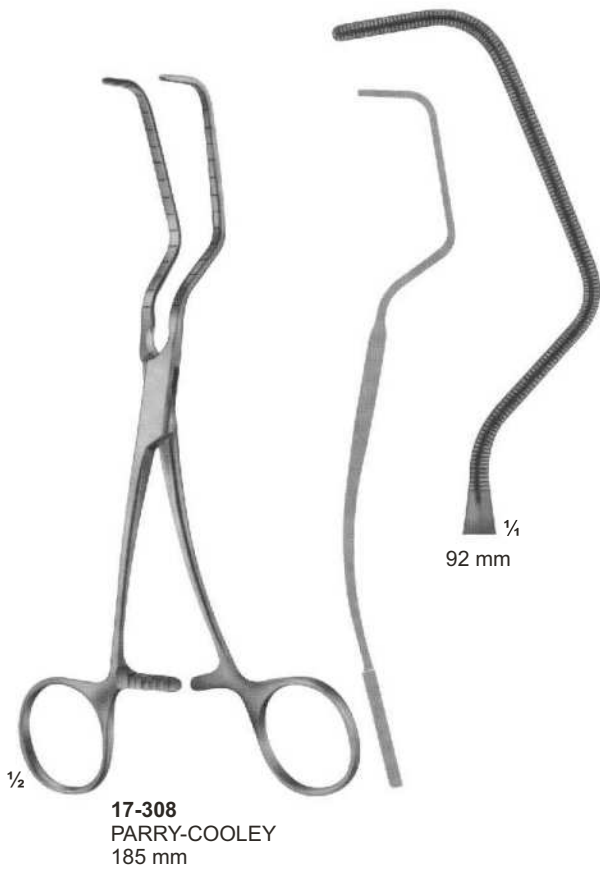
17-300
COOLEY
175 mm



Aorta-Anastomosis Clamps



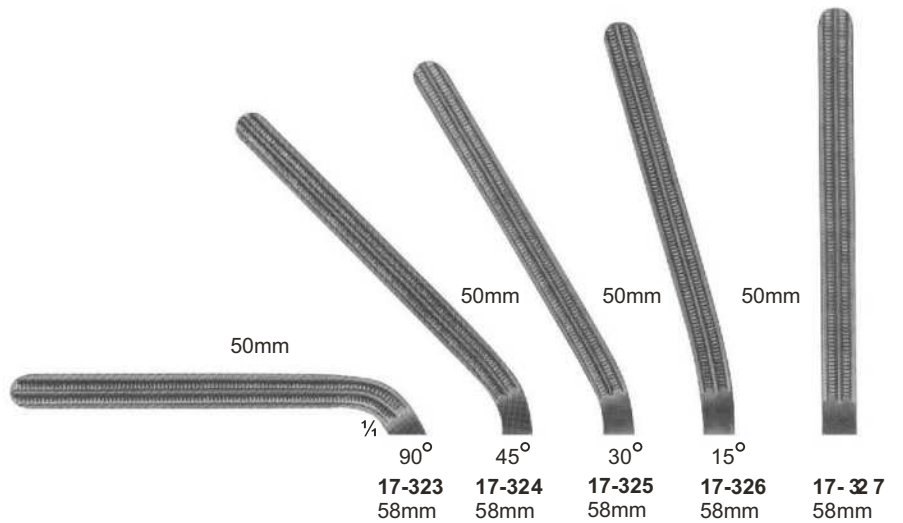
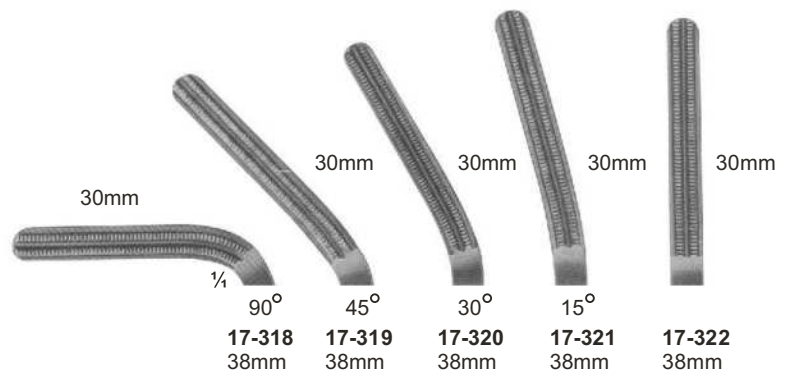
Aorta-Anastomosis Clamps



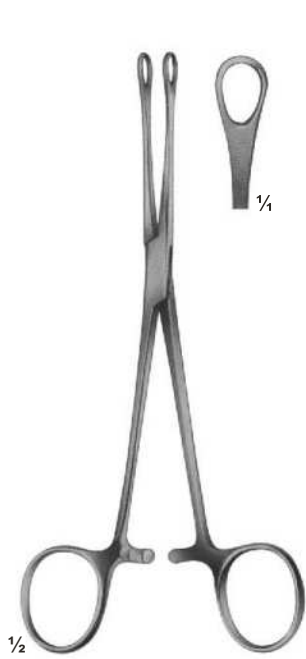
Multi-Purpose Clamps



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



Multi-Purpose Clamps



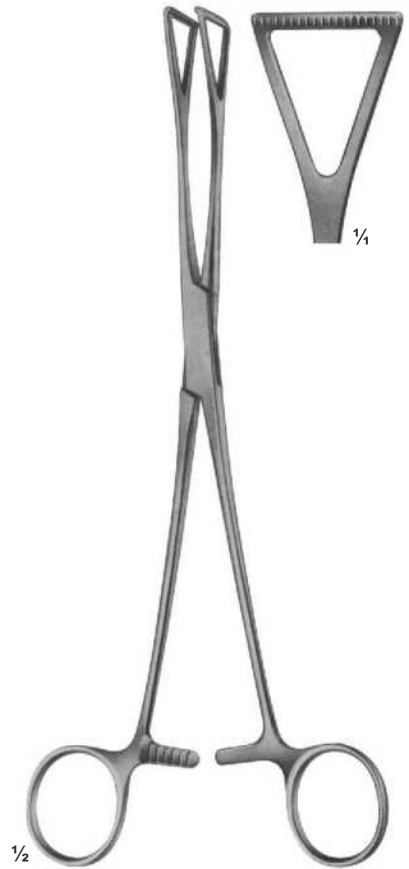
17-328
WILLIAMS
160 mm



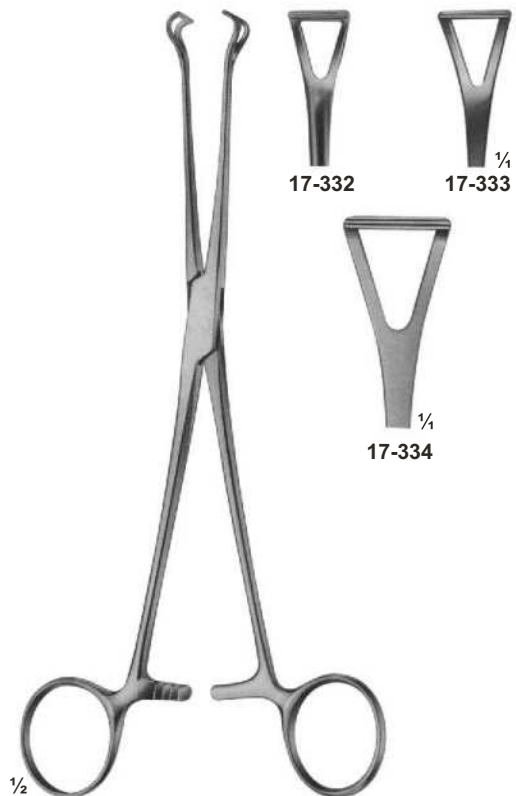
17-329
TUTTLE
230 mm



17-330
NELSON
230 mm



17-331
DUVAL
230 mm



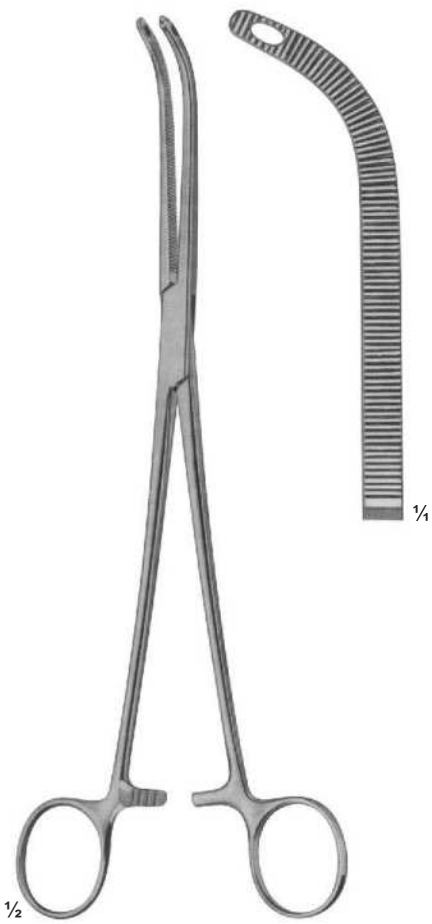
BABCOCK
17-332 170 mm
17-333 215 mm
17-334 220 mm



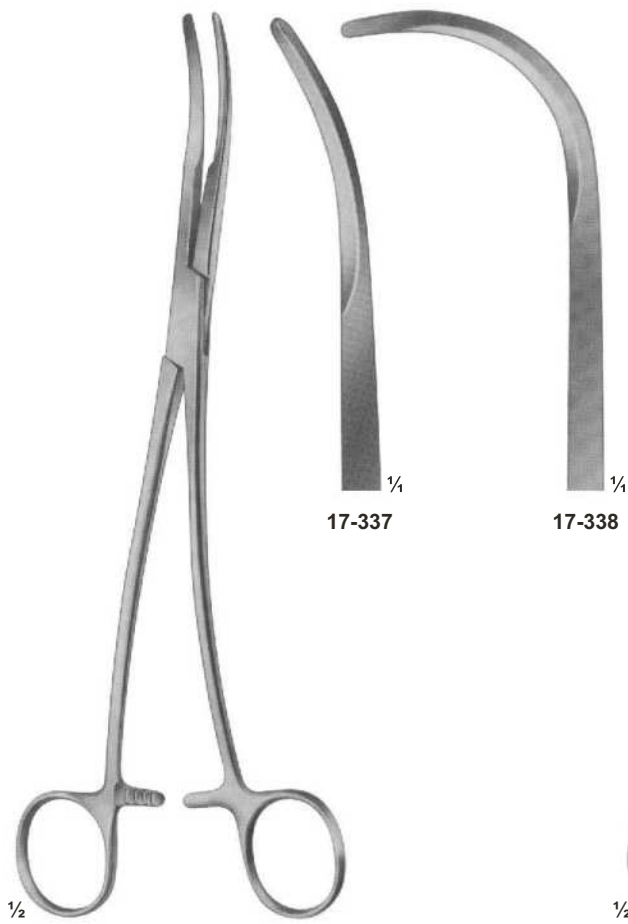
17-335
ALLIS
220 mm



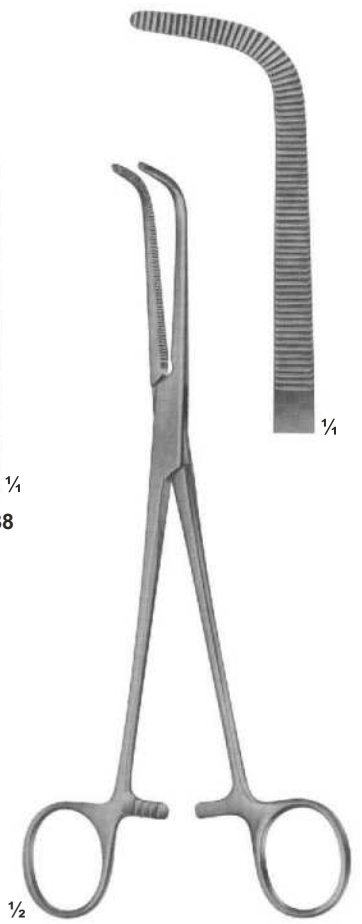
Multi-Purpose Clamps



17-336
FINOCHIETTO
245 mm

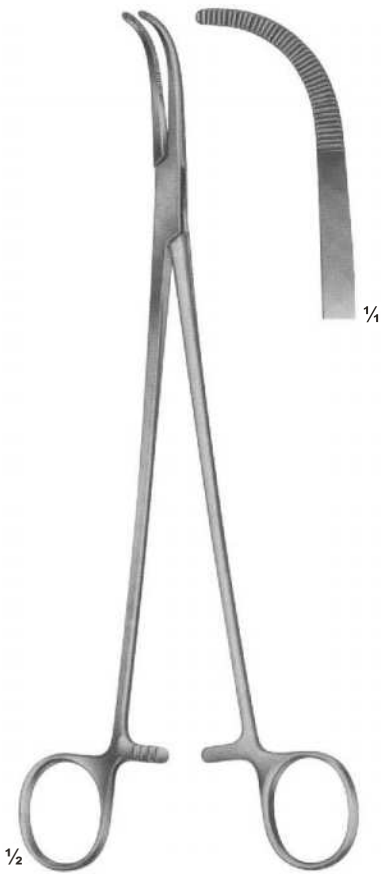


17-337 - 338
SEMB
244 mm



17-339
WIKSTROEM
205 mm

Multi-Purpose Clamps

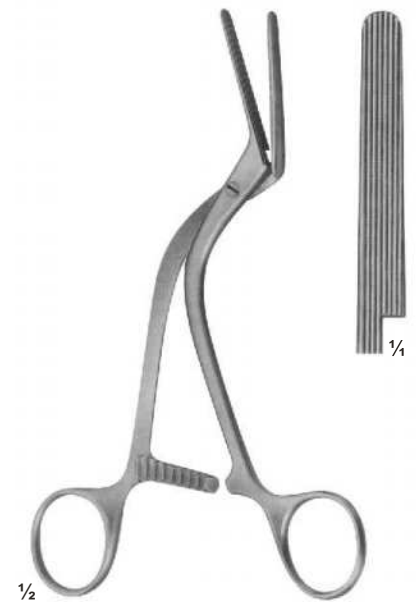


17-340
MIXTER
230 mm



17-341 **17-342**
220 mm 250 mm

17-341 - 342
MIXTER



17-343
HOPFNER
160 mm



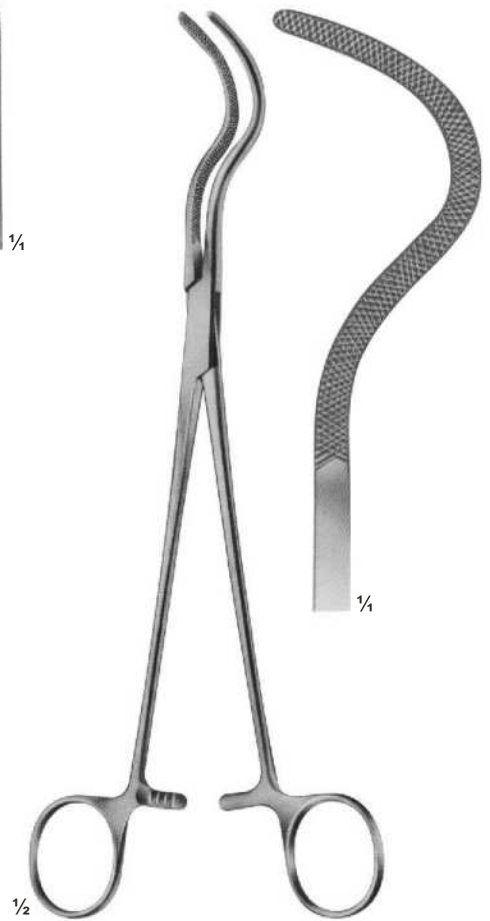
Multi-Purpose Clamps



17-344
SATINSKY
265 mm



17-345
SATINSKY
265 mm

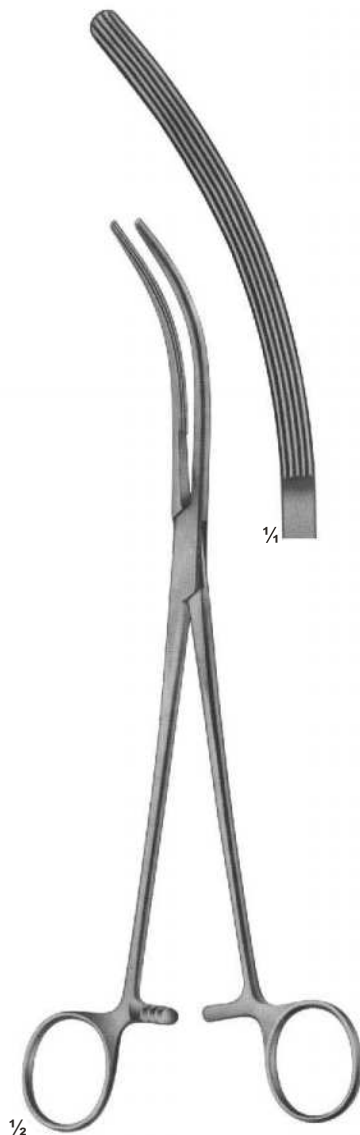


17-346
HARKEN
240 mm

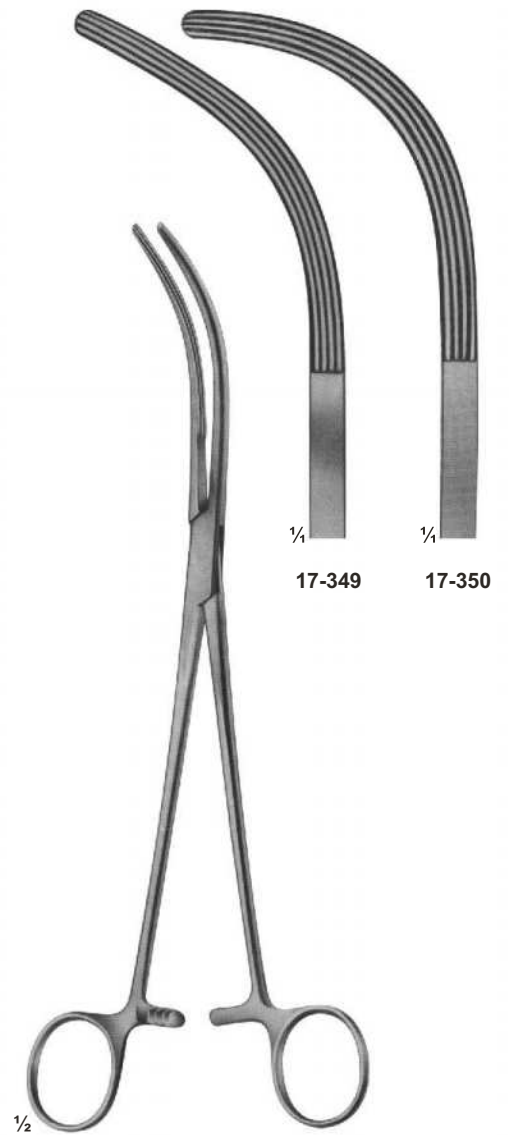
Multi-Purpose Clamps



17-347
PERTUISET
Carotid Clamp
90 mm



17-348
CRAFOORD-SELLORS
240 mm



17-349 - 350
CRAFOORD
240 mm



Multi-Purpose Clamps



17-351
PRICE THOMAS
225 mm



17-352
jaws with pins

17-353
jaws with pins

17-352 - 353
PRICE THOMAS
225 mm

Rib Shears



17-354
SCHUMACHER
Sternum shears
210 mm



17-355
LEBSCHÉ
Sternum chisel
200 mm



17-356
230 mm



17-357
COLLIN
195 mm



17-358
GLUCK
190 mm



17-359
GLUCK
190 mm



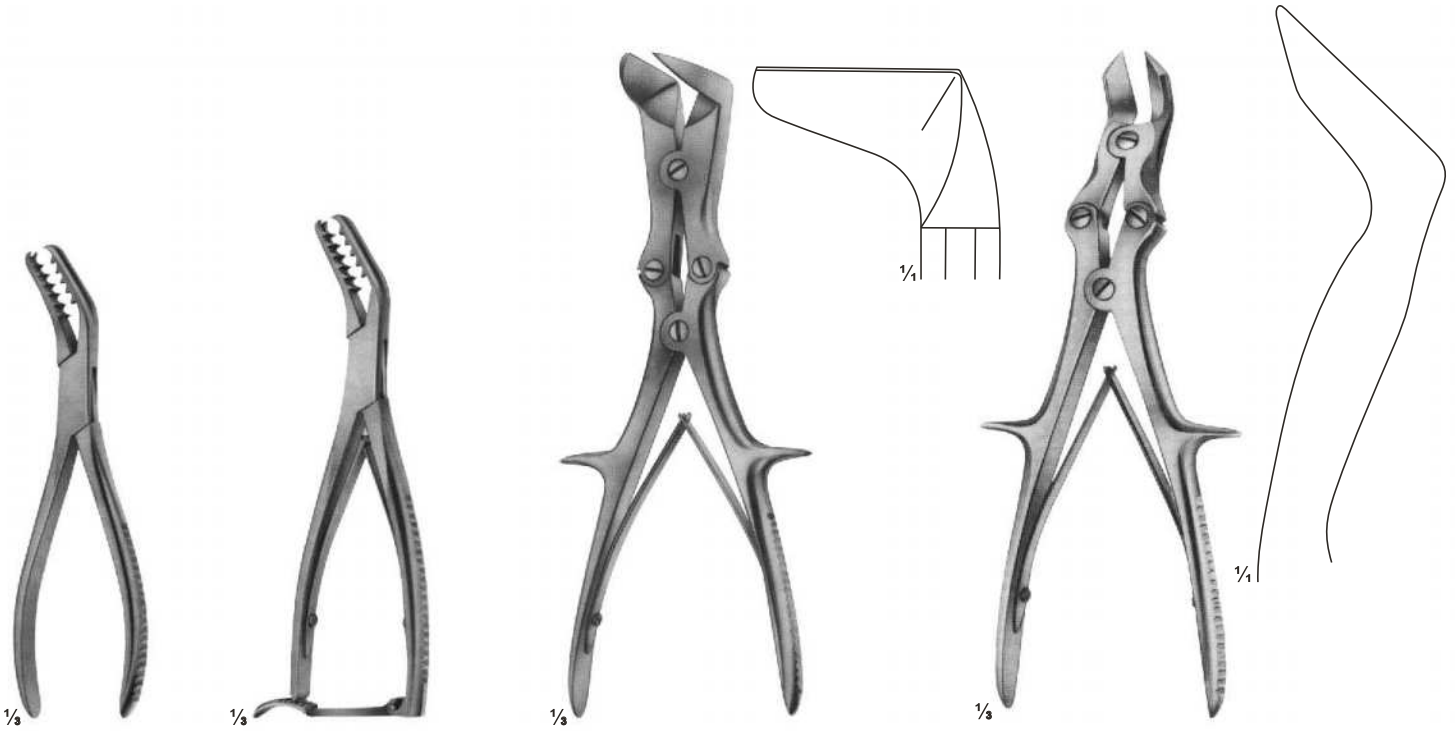
17-360
BRUNNER
Universal Pattern
340 mm



17-361
GIERTZ-STILLE
250 mm



Rib Holding Forceps, Bone Cutting Forceps

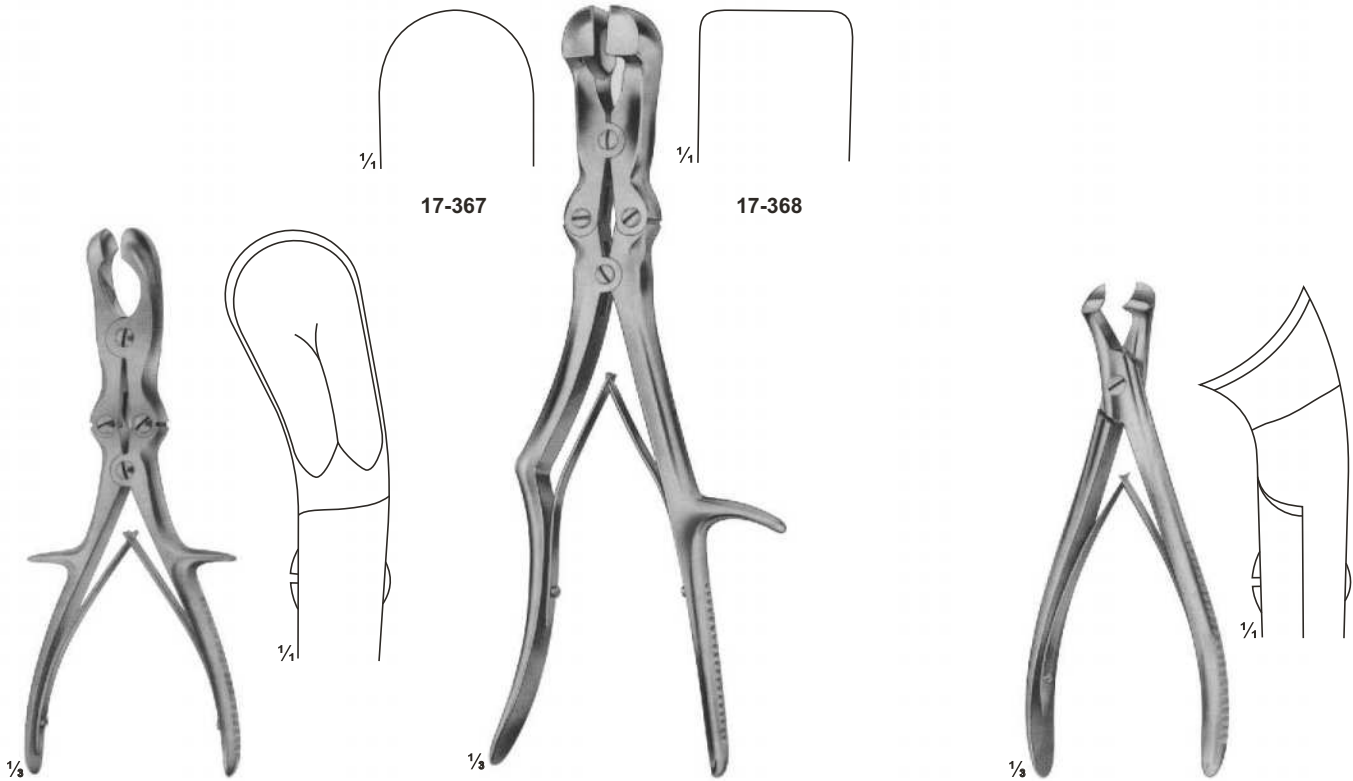


17-362
SEMB
Rib-and Bone
Holding forceps
190 mm

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

17-364
LISTON-STILLE
265 mm

17-365
LISTON-KEY-HORSLEY
255 mm

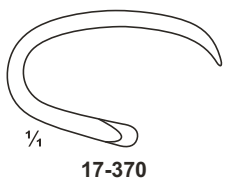


17-366
SEME
Rib Rongeur to shorten
the rib stumps
240 mm

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

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

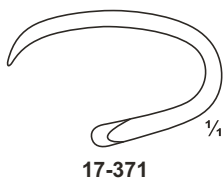
Rib Raspatories



17-370



17-370 - 371
DOYEN
for children
175 mm



17-371



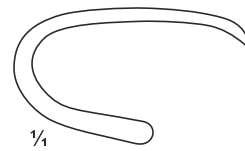
17-372



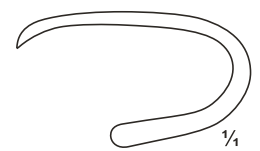
17-372 - 373
DOYEN
for adults
175 mm



17-373



17-374



17-375



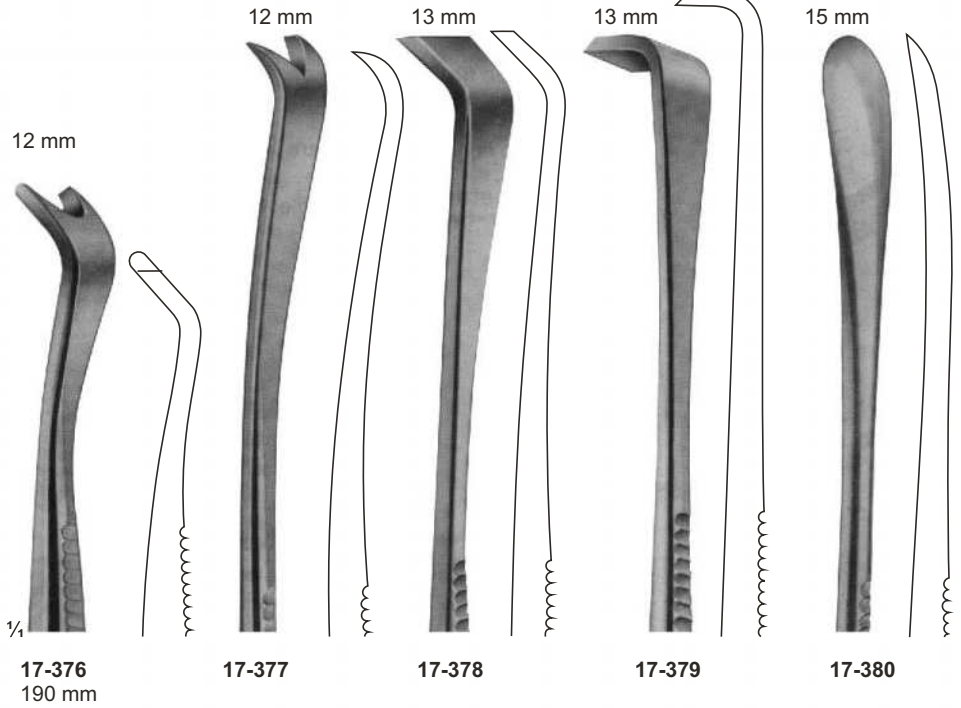
17-374 - 375
DOYEN
240 mm



Rib Raspatories



1/2
17-376 - 380
SEMB
230 mm



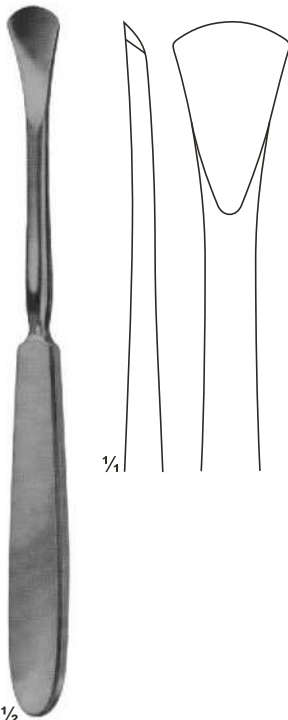
17-376
190 mm

17-377

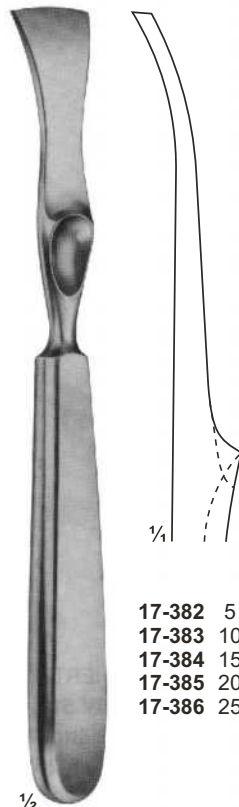
17-378

17-379

17-380

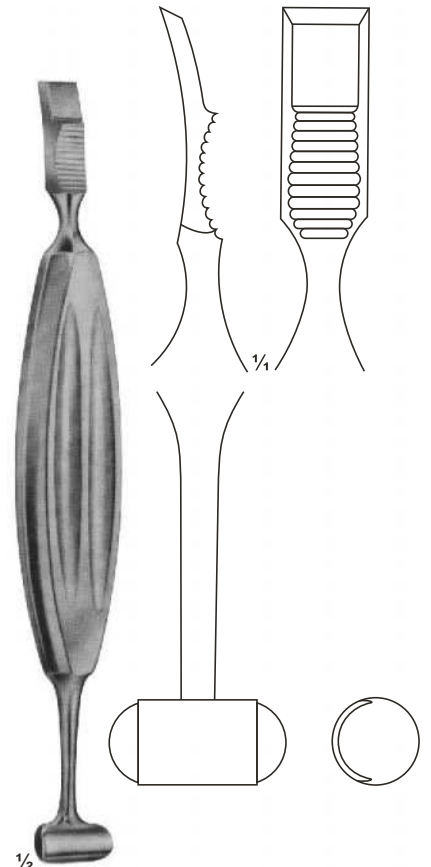


1/2
17-381
LANGENBECK
190 mm



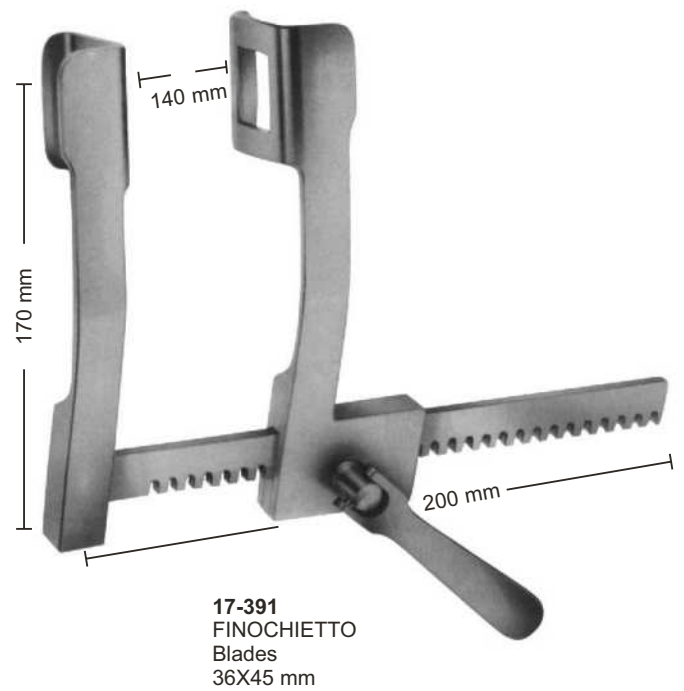
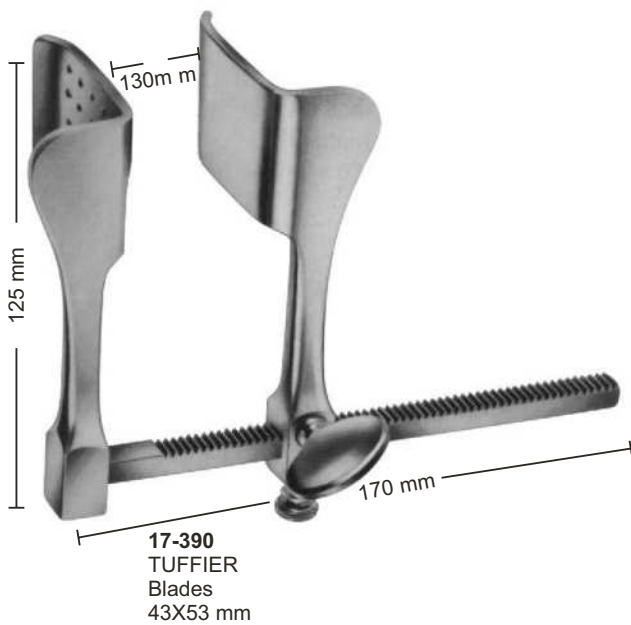
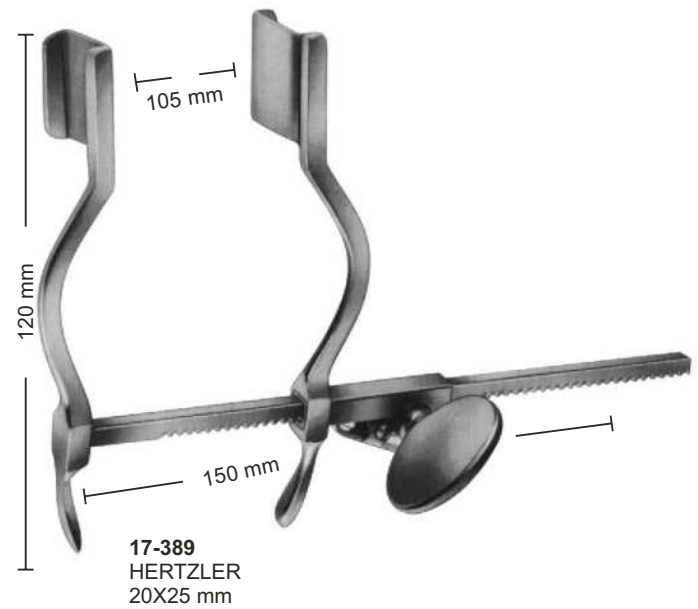
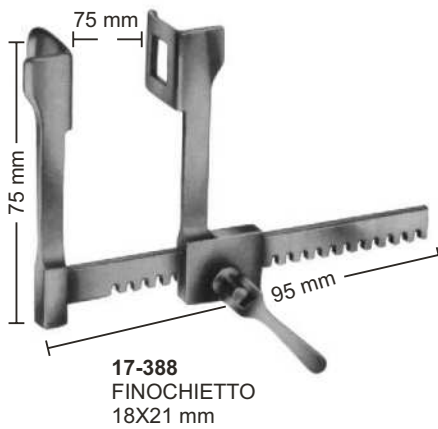
17-382 5 mm
17-383 10 mm
17-384 15 mm
17-385 20 mm
17-386 25 mm

1/2
17-382 - 386
LAMBOTTE
215 mm

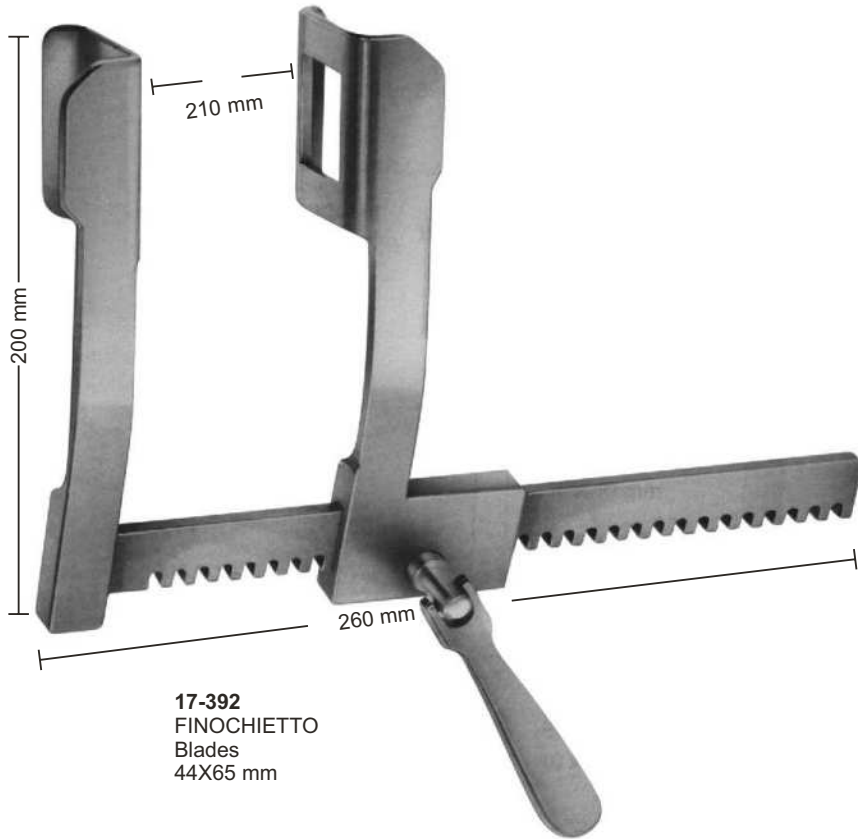


1/2
17-387
ALEXANDER
210 mm

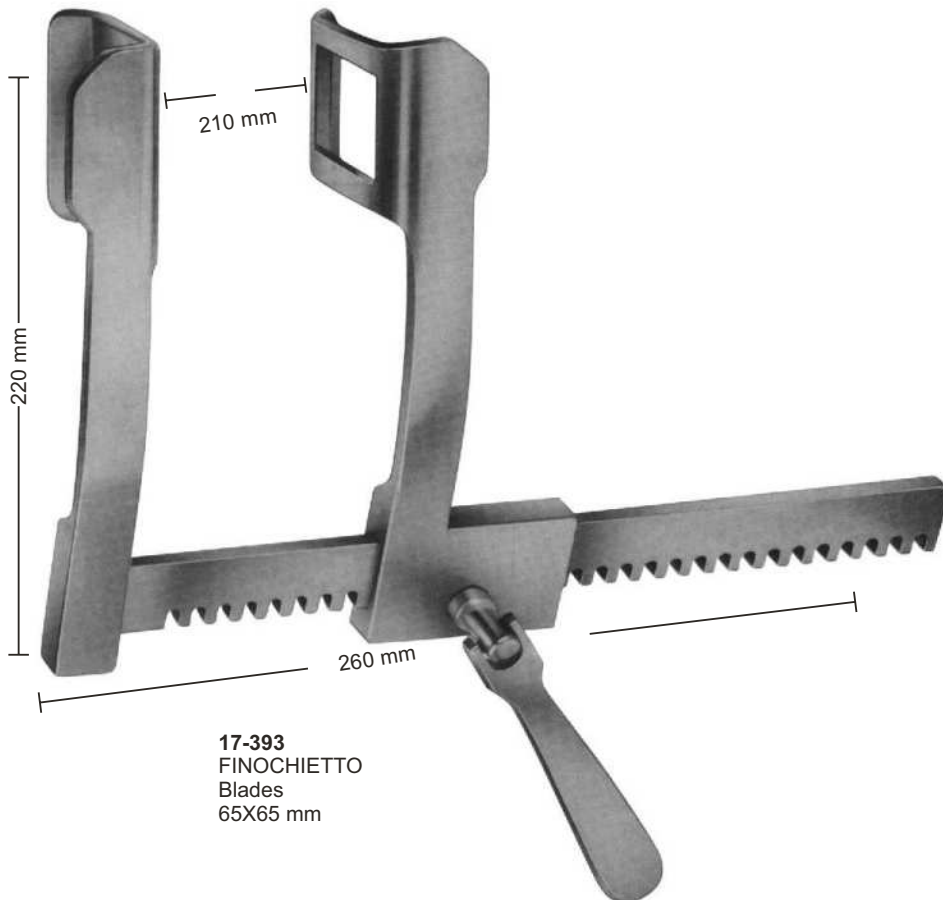
Rib Spreaders



Rib Spreaders



17-392
FINOCHIETTO
Blades
44X65 mm



17-393
FINOCHIETTO
Blades
65X65 mm

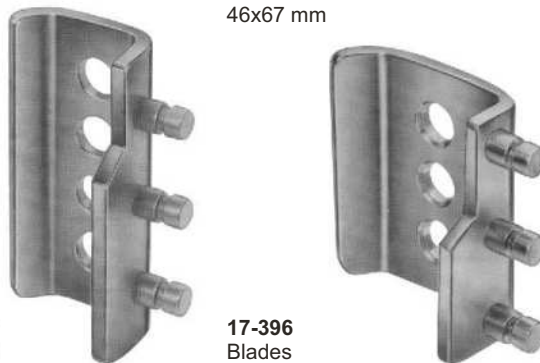
Rib Spreaders



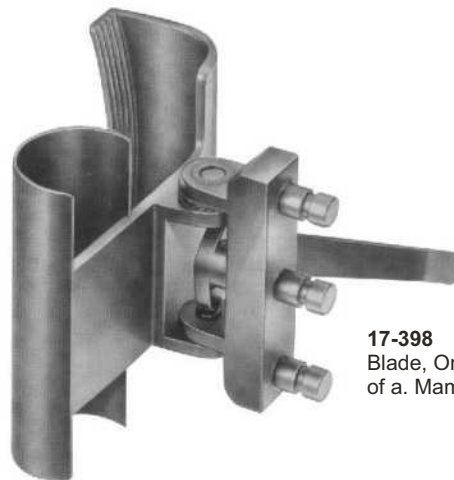
17-395
Blades
46x67 mm



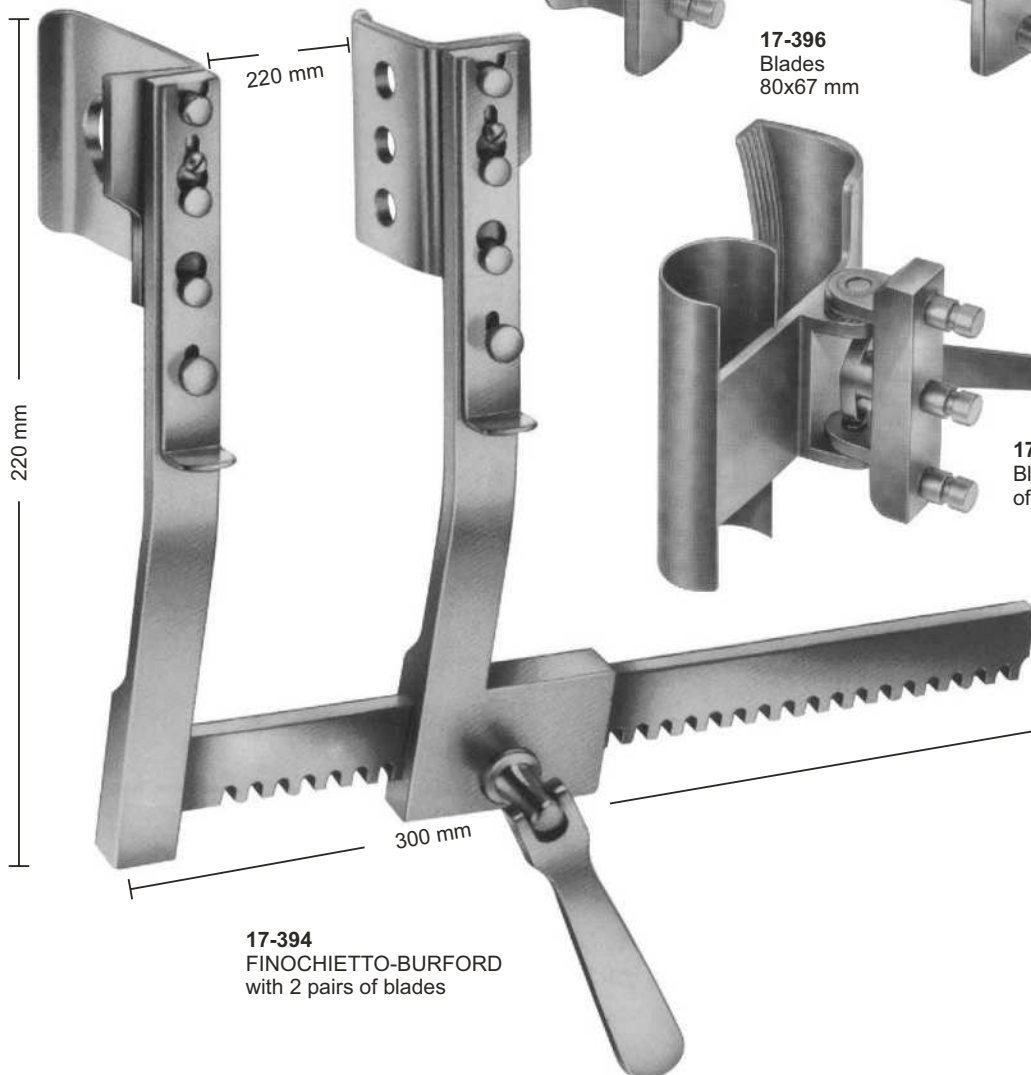
17-397
Blades
46x67 mm



17-396
Blades
80x67 mm



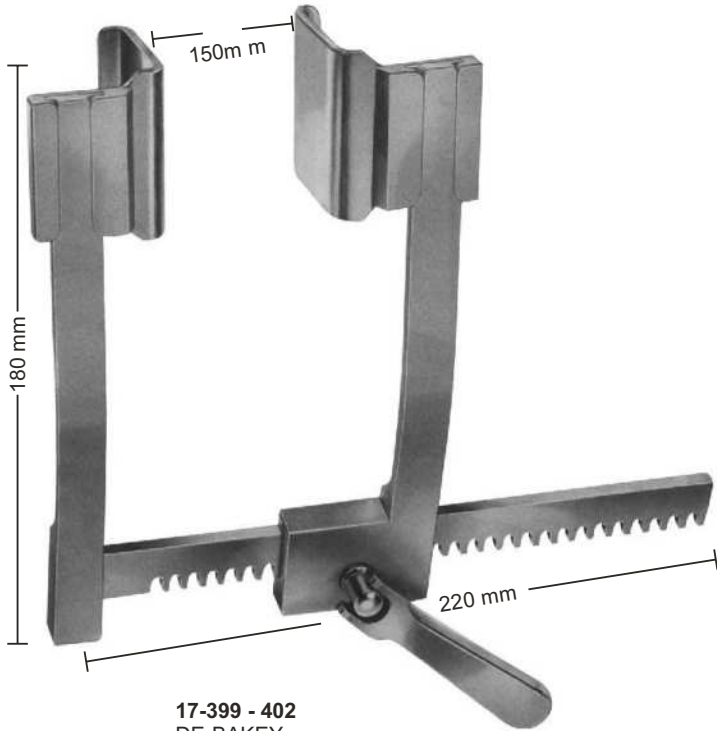
17-398
Blade, Only, for preparation
of a. Mammaria, 25.5x80mm



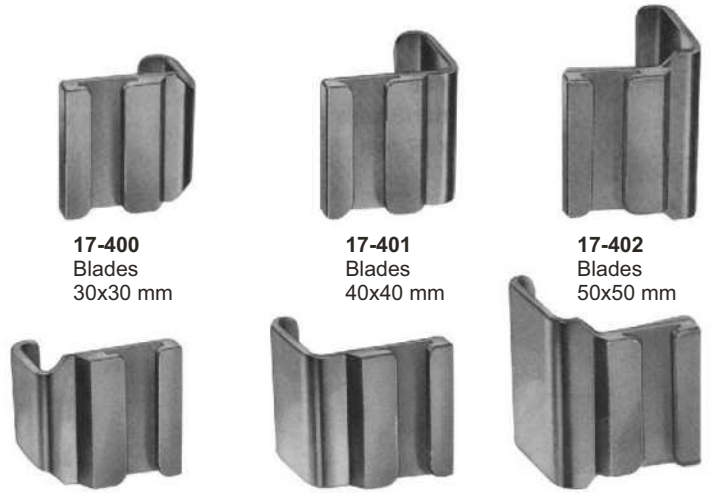
17-394
FINOCHIETTO-BURFORD
with 2 pairs of blades



Rib Spreaders



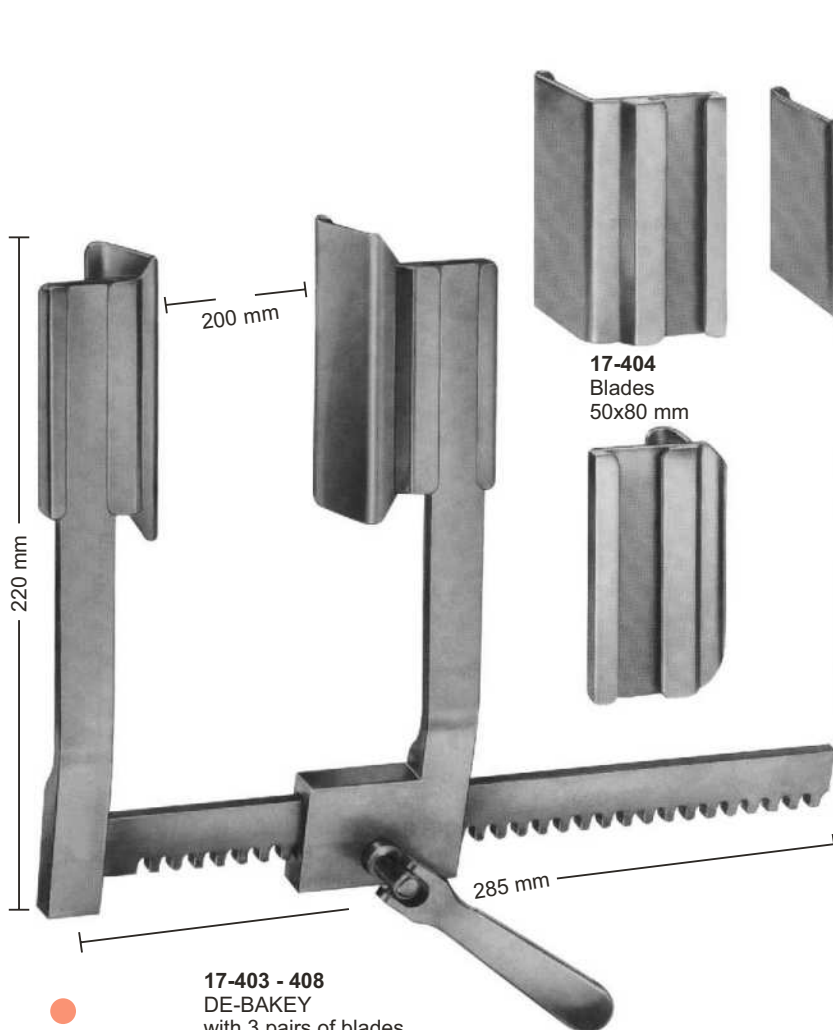
17-399 - 402
DE-BAKEY
with 3 pairs of blades



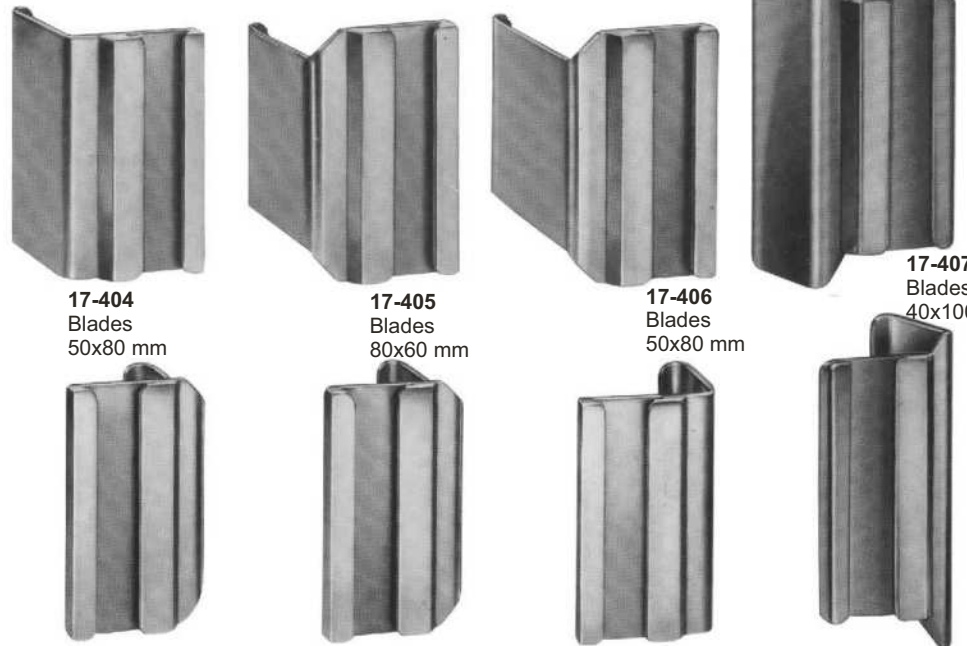
17-400
Blades
30x30 mm

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

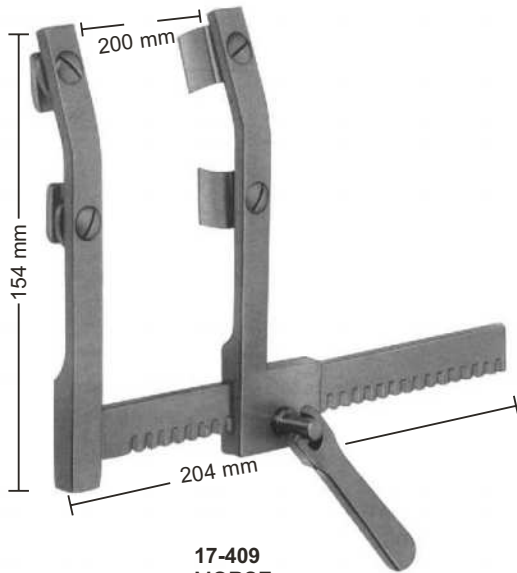
17-406
Blades
50x80 mm

17-407
Blades
40x100 mm

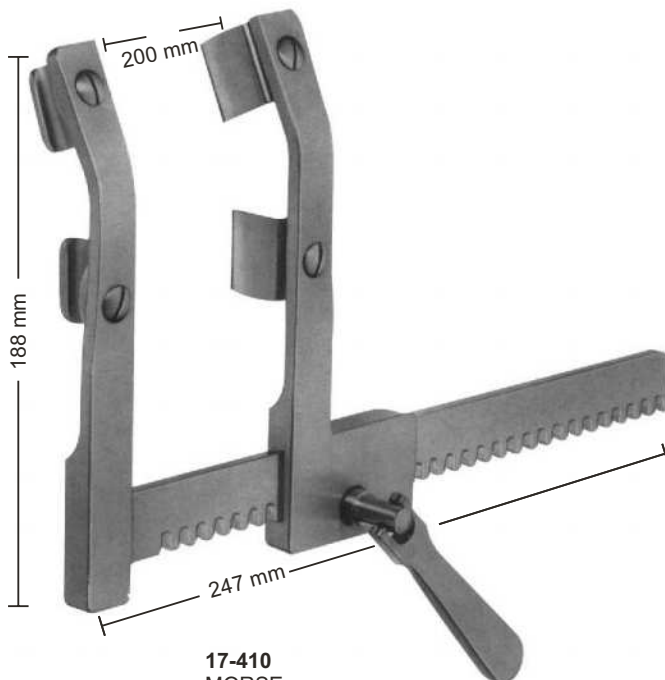
17-408
Sternotomy Blades
50x660 mm



Sternotomy Spreaders

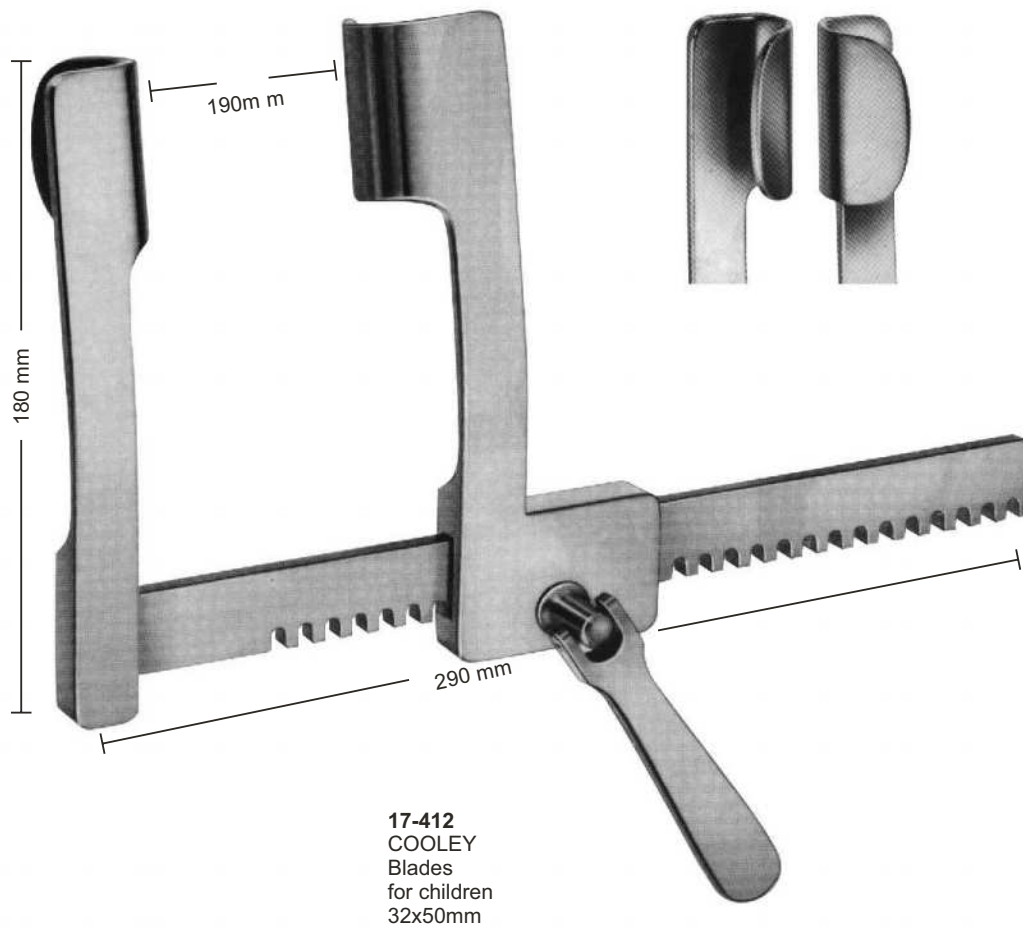
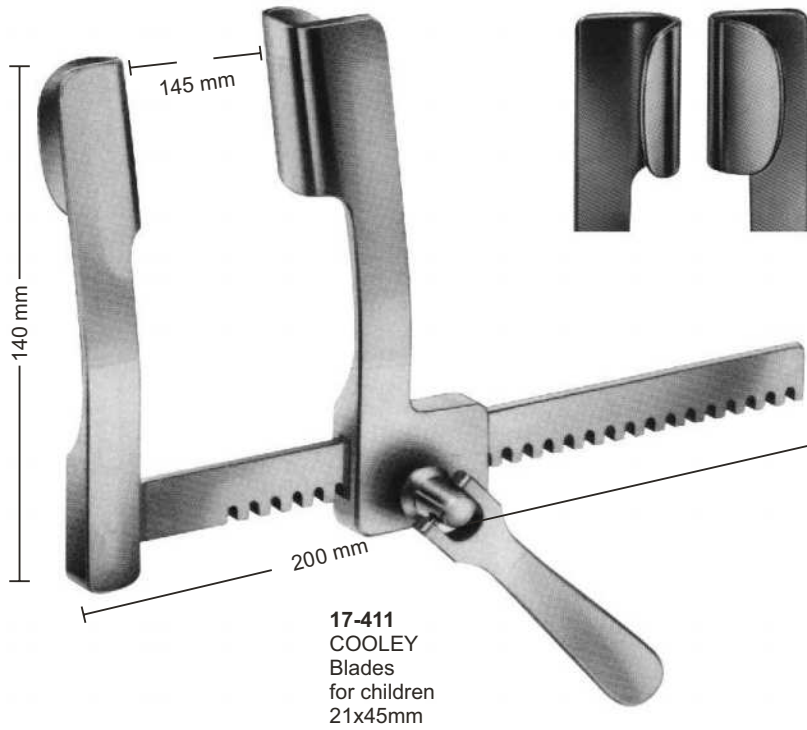


17-409
MORSE
Sternotomy spreader
for children, with moveable
double, each blade
12x20 mm



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

Sternotomy- Spreaders



Thoracic Retractors



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



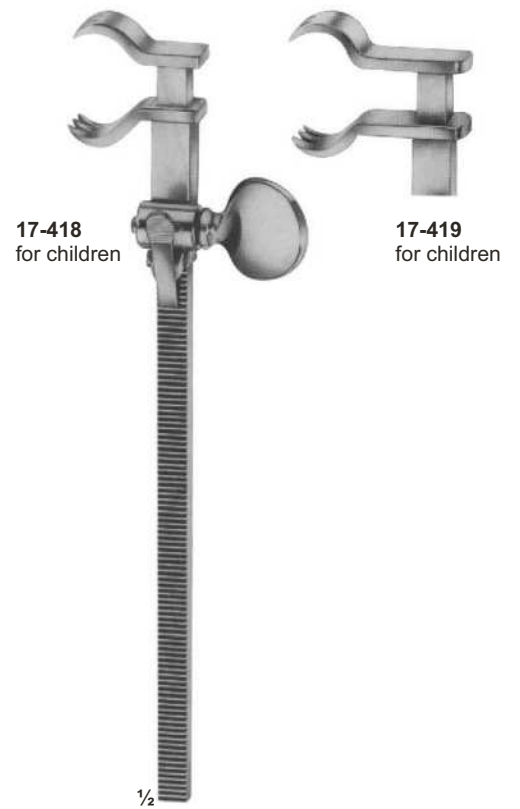
Rib Spreaders-and Contractors



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



17-417
BAILEY
150 mm

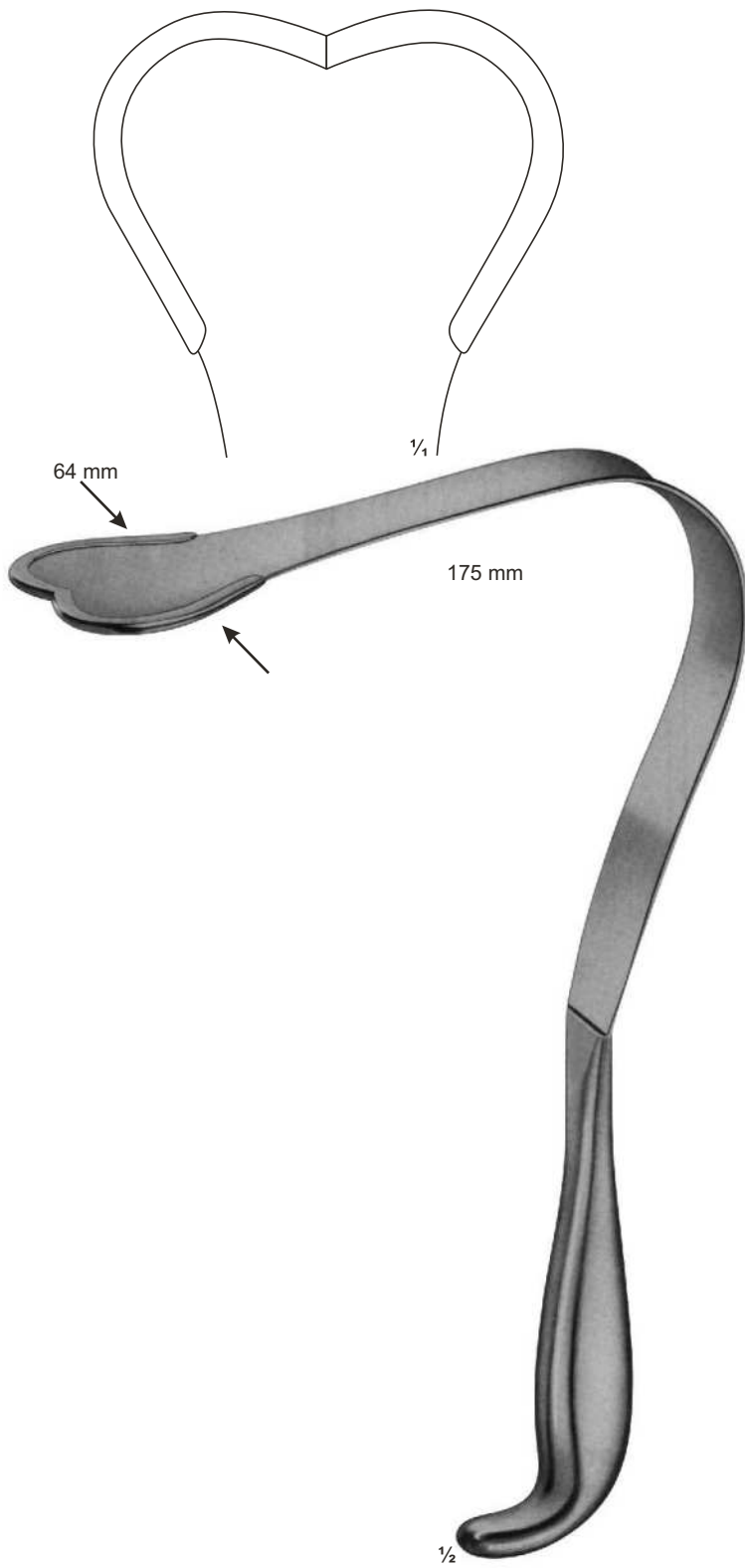


17-418
for children

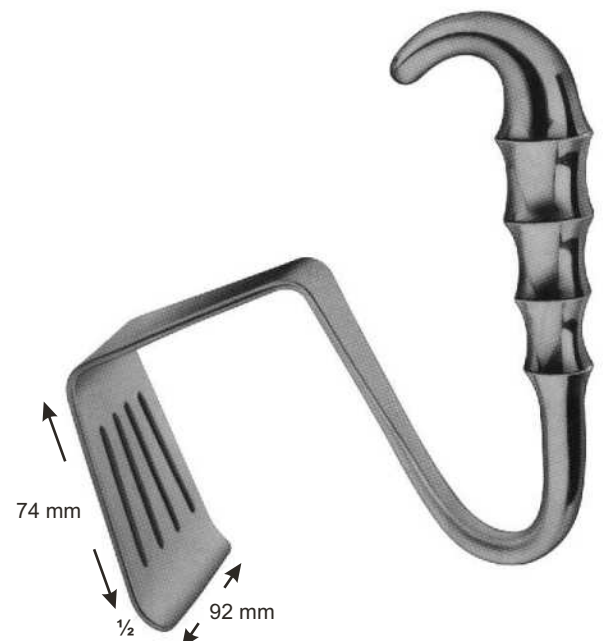
17-419
for children

17-418 - 419
BAILEY
200 mm

Rib Spreaders-and Contractors



17-420
HARRINGTON-PEMBERTON
federnd/flexible
295 mm



17-421
DAVIDSON
Scalpel haken

Rib Spreaders-and Contractors



17-422
ALLISON
255 mm



17-423
ALLISON
320 mm

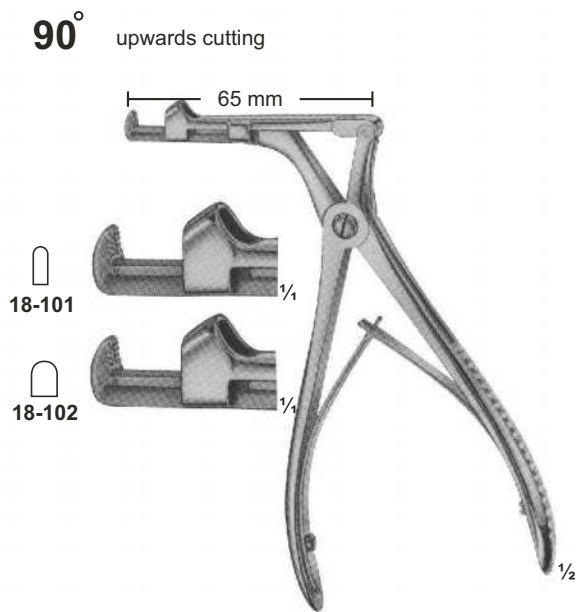
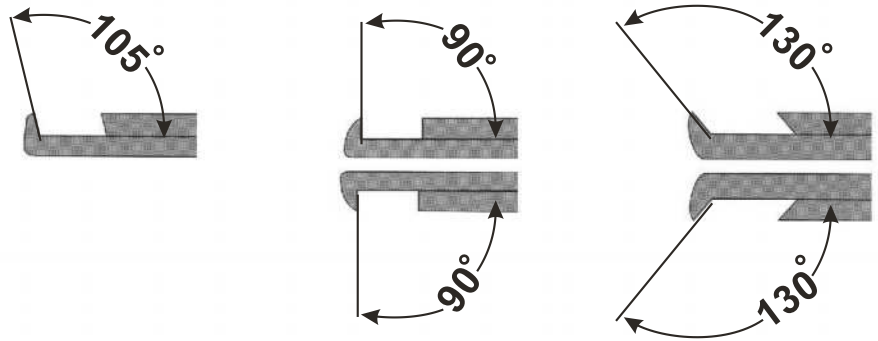


17-424
DE BAKEY
With central bore,
3.0mm diam.
with lateral slots
275 mm

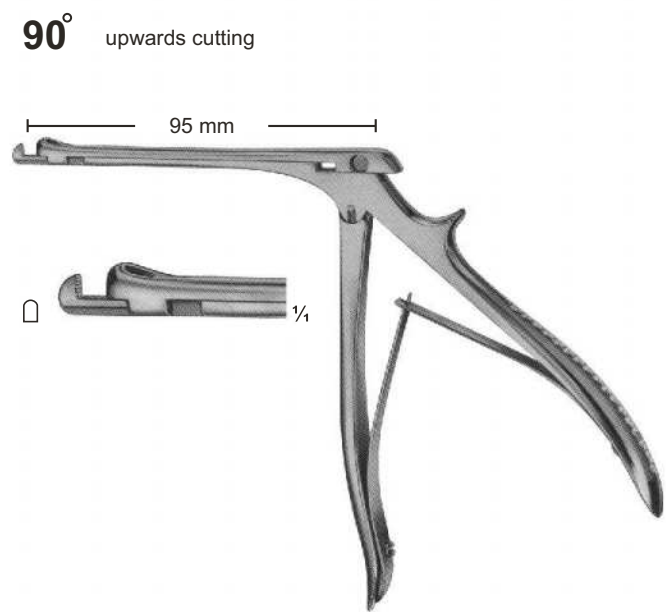


17-425
YANKAUER
With central bore,
2.0mm diam.
285 mm

Punches



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



18-103
CITELLI- BEYER
1,8 mm



Punches

90° upwards cutting

85 mm

18-104
4 mm



18-105
5 mm



1/2

18-104 - 105
KERRISON

90° upwards cutting

140 mm

18-106
3,3 mm



18-107
4,0 mm



1/2

18-106 - 107
HAJEK-KOFLER

Punches

130° upwards cutting

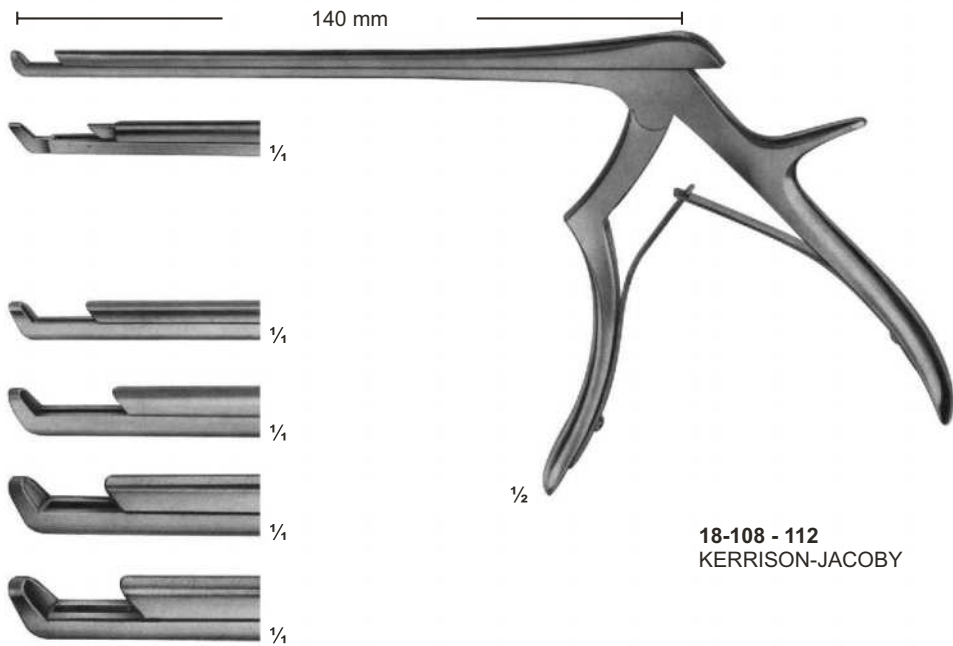
18-108
1 mm □

18-109
2 mm □

18-110
3 mm ◐

18-111
4 mm ◑

18-112
5 mm ◒



90° upwards cutting

18-113
1 mm □

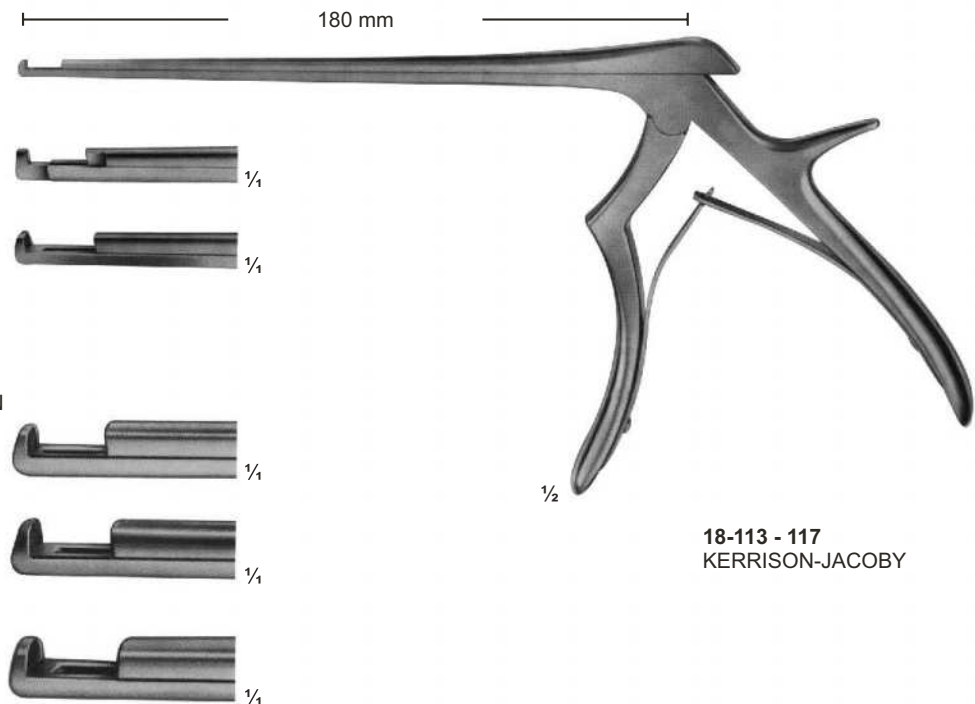
18-114
2 mm □

FERRIS-SMITH-KERRISON

18-115
3 mm ◐

18-116
4 mm ◑

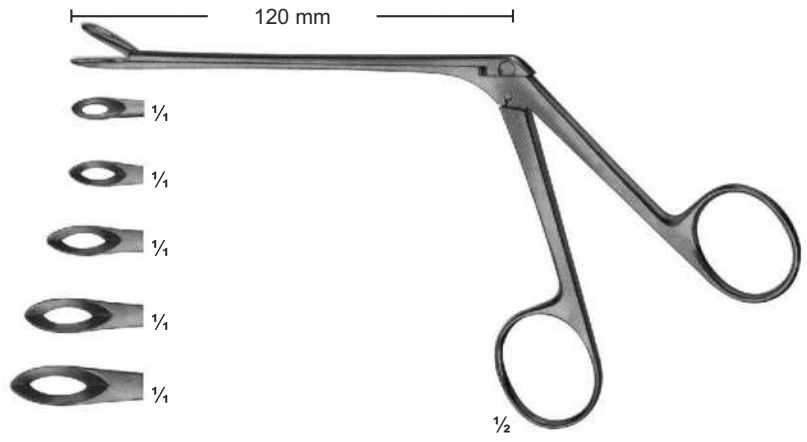
18-117
5 mm ◒



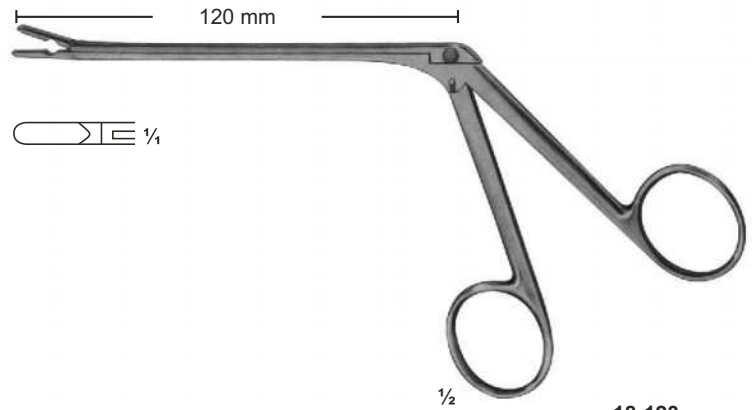
Rongeurs

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

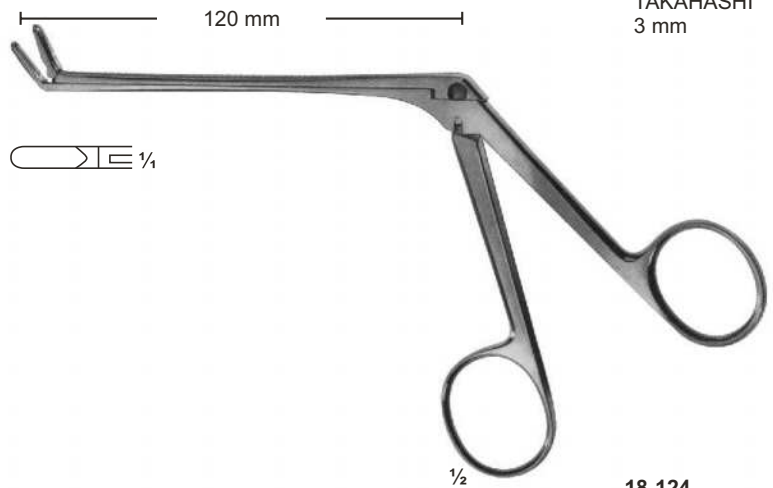


**18-118 - 122
WEIL-BLAKESLEY**



**18-123
TAKAHASHI
3 mm**

130°



**18-124
TAKAHASHI
3 mm**

Rongeurs

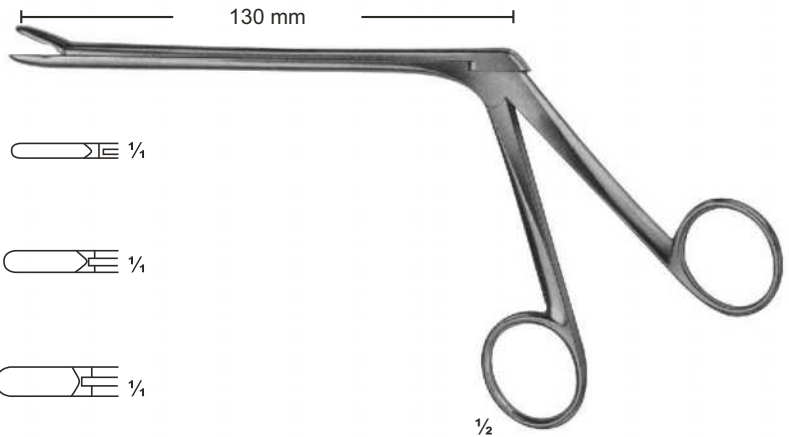
18-125
2 X 10 mm



18-126
3 X 10 mm

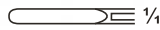


18-127
4 X 10 mm



18-125 - 127
LOVE-GRUENWALD

18-128
2 mm



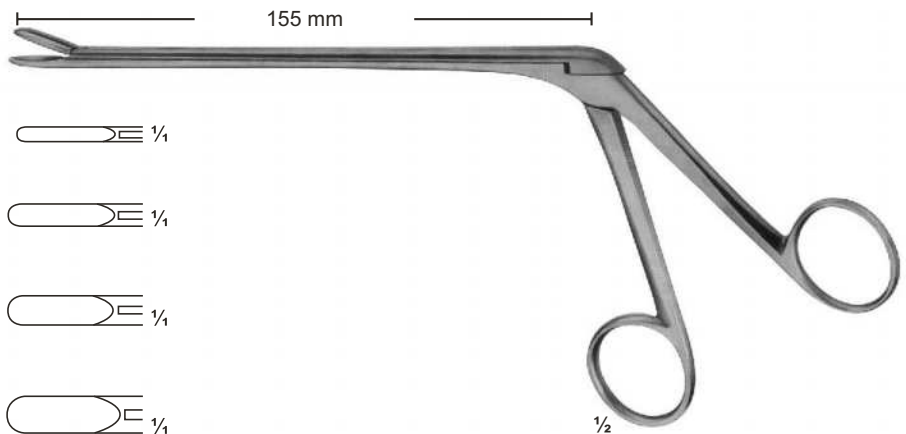
18-129
3 mm



18-130
4 mm

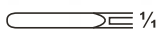


18-131
5 mm

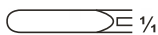


18-128 - 131
CASPAR

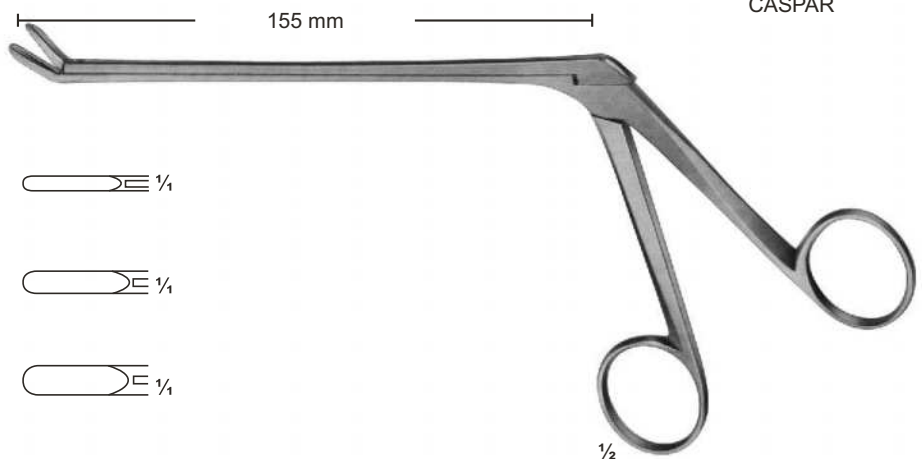
18-132
2 mm



18-133
3 mm



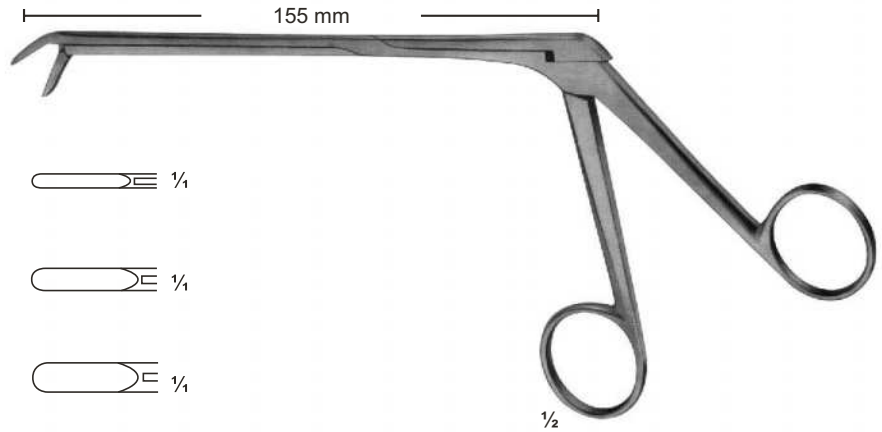
18-134
4 mm



18-132 - 134
CASPAR



Rongeurs



18-135
2 mm



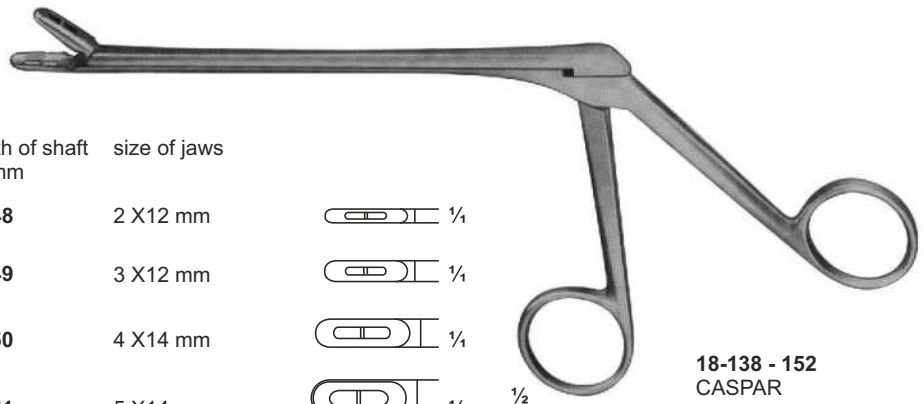
18-136
3 mm



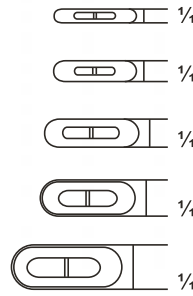
18-137
4 mm



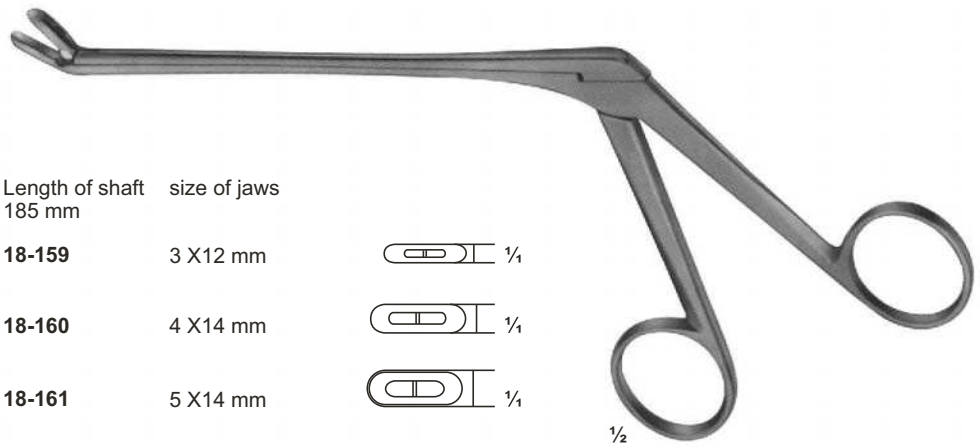
18-135 - 137
CASPAR



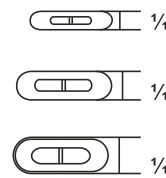
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
18-138	18-143	18-148	2 X 12 mm
18-139	18-144	18-149	3 X 12 mm
18-140	18-145	18-150	4 X 14 mm
18-141	18-146	18-151	5 X 14 mm
18-142	18-147	18-152	6 X 16 mm



18-138 - 152
CASPAR



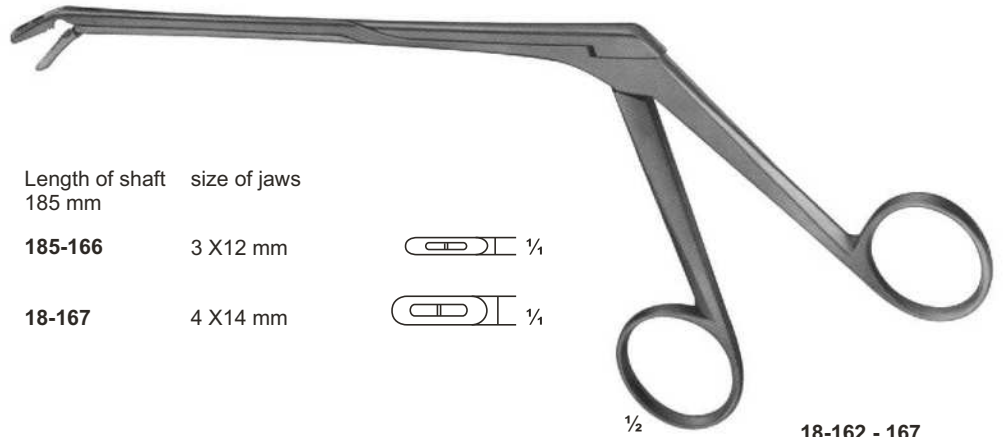
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
18-153	18-156	18-159	3 X 12 mm
18-154	18-157	18-160	4 X 14 mm
18-155	18-158	18-161	5 X 14 mm



18-153 - 161
CASPAR

Rongeurs

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 X12 mm
18-163	18-165	18-167	4 X14 mm

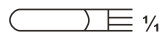


18-162 - 167
GUSHING

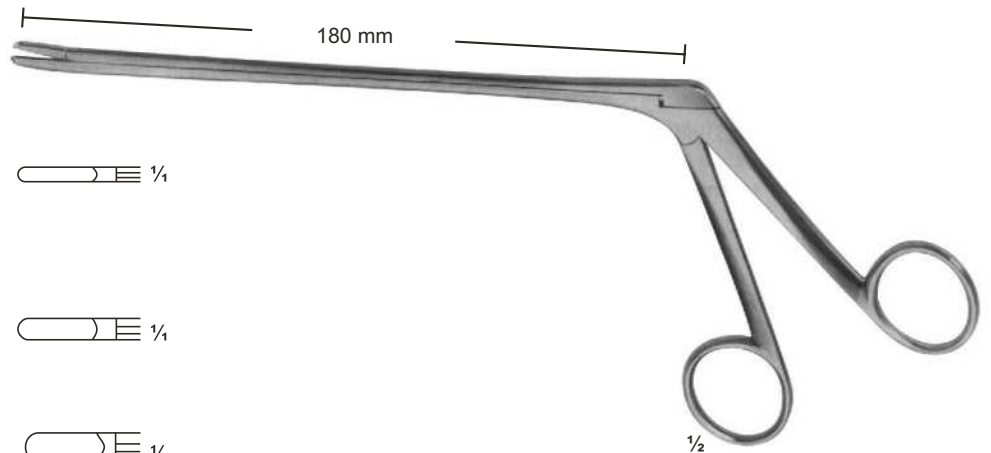
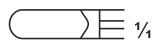
18-168
2 X 10 mm
GUSHING



18-169
3 X 10 mm
LOVE-GRUENWALD



18-170
4 X 10 mm
SPURLING

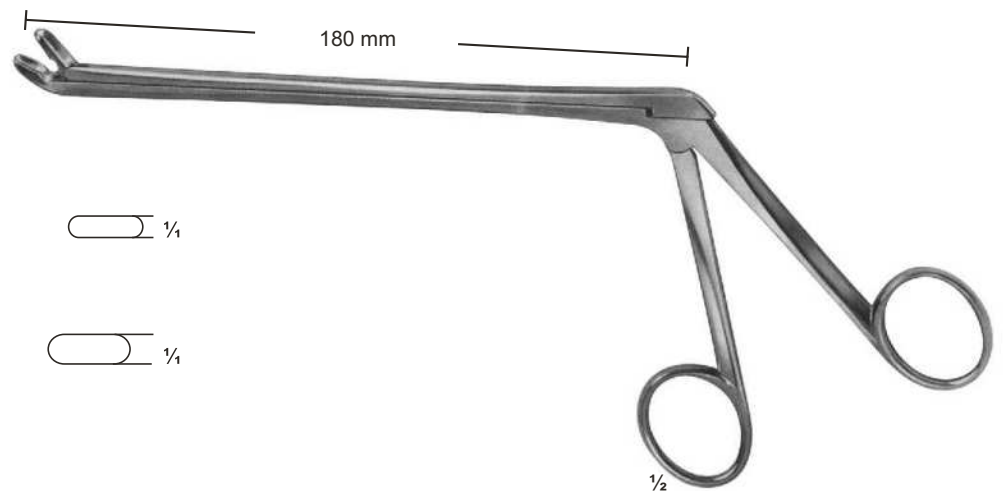


18-168 - 170
LOVE-GRUENWALD

18-171
3 X 10 mm
LOVE-GRUENWALD



18-172
4 X 10 mm
SPURLING

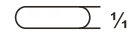


18-171 - 172
LOVE-GRUENWALD

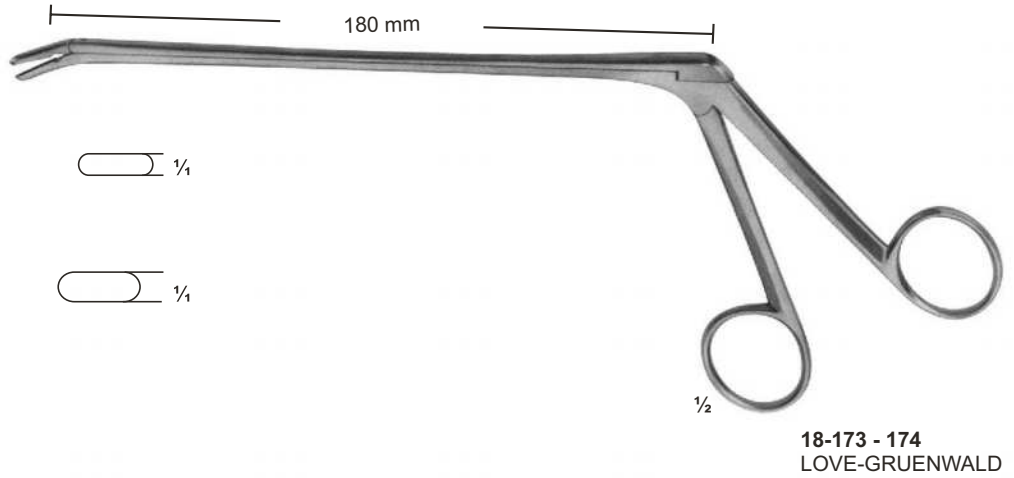


Rongeurs

18-173
3 X 10 mm
LOVE-GRUENWALD

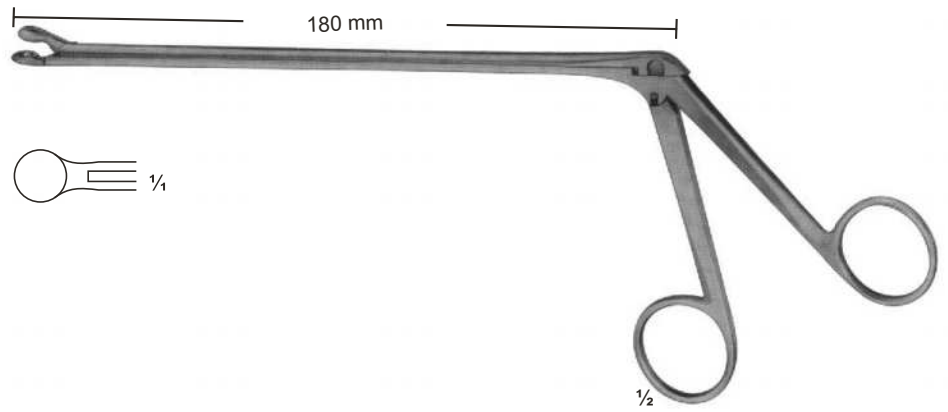
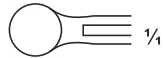


18-174
4 X 10 mm
SPURLING



18-173 - 174
LOVE-GRUENWALD

18-175
7 mm

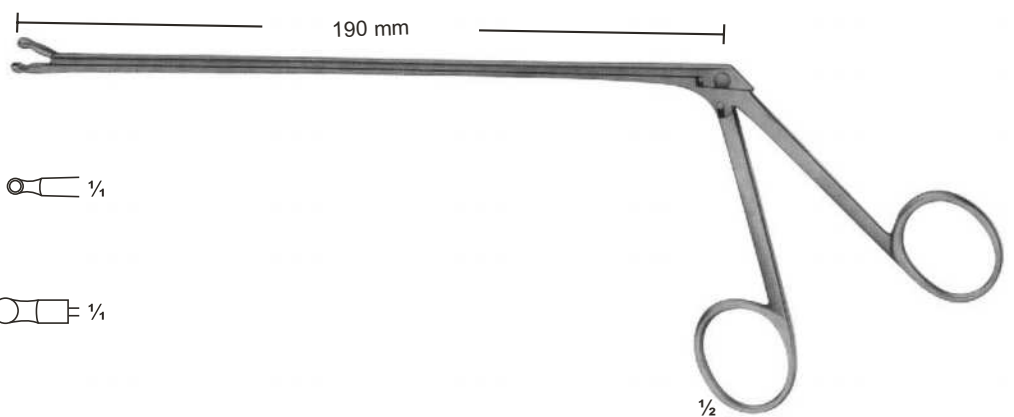


18-175
OLDBERG

18-176
YASARGIL
2,2 mm

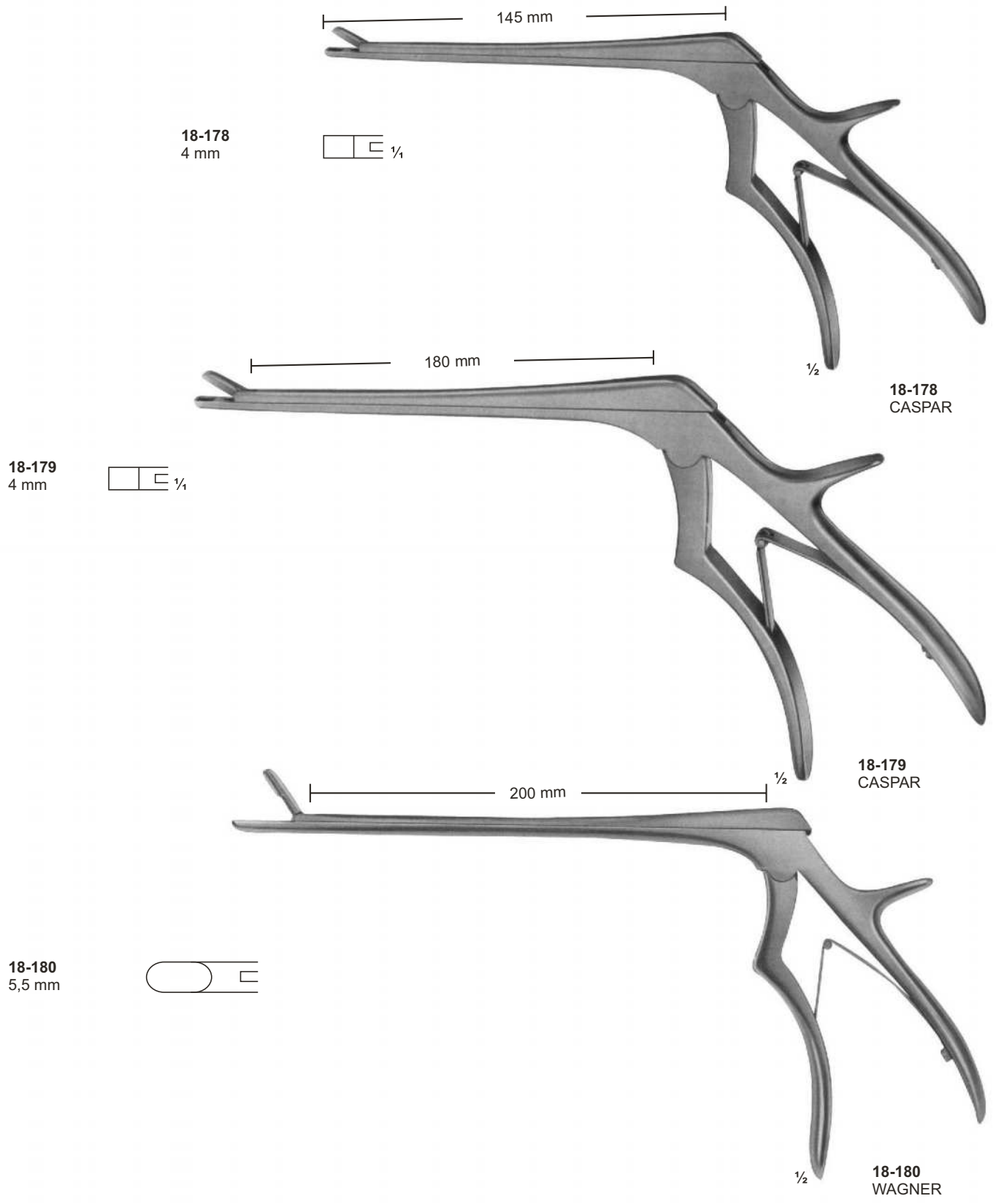


18-177
YASARGIL
3,5 mm

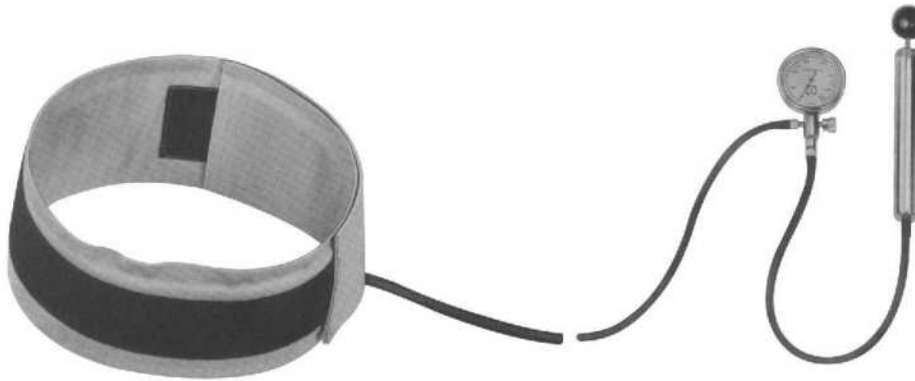


18-176 - 177

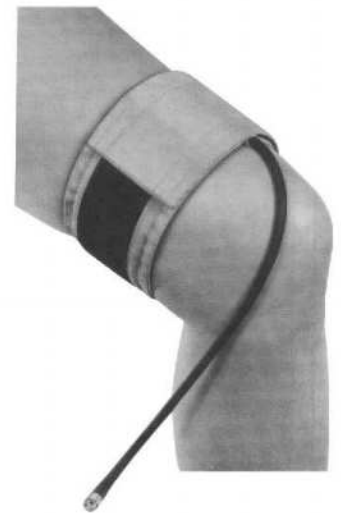
Rongeurs



Amputation



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
6 cm breit/wide



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

Amputation and Resection Knives



$\frac{1}{2}$
19-110
Length of blades
Phalangeal knife
105 mm



$\frac{1}{2}$
19-111
Length of blades
Interosseous knife
110 mm



$\frac{1}{2}$
19-112
Length of blades
Periosteum knife
with raspatory
65 mm



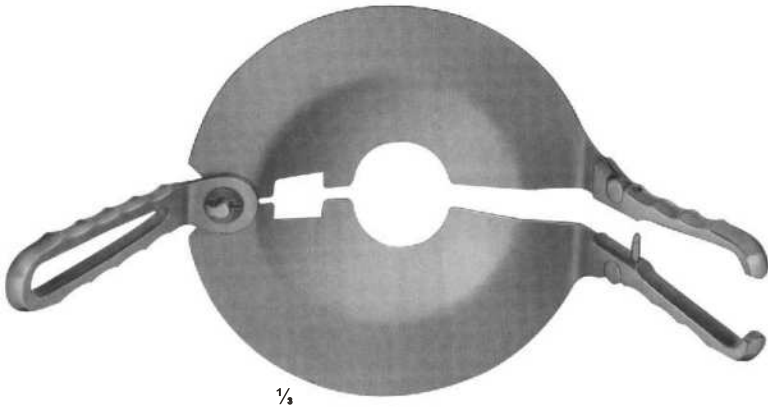
$\frac{1}{2}$
19-113 - 114
LANGENBECK
Length of blades
Resection knives
55 mm



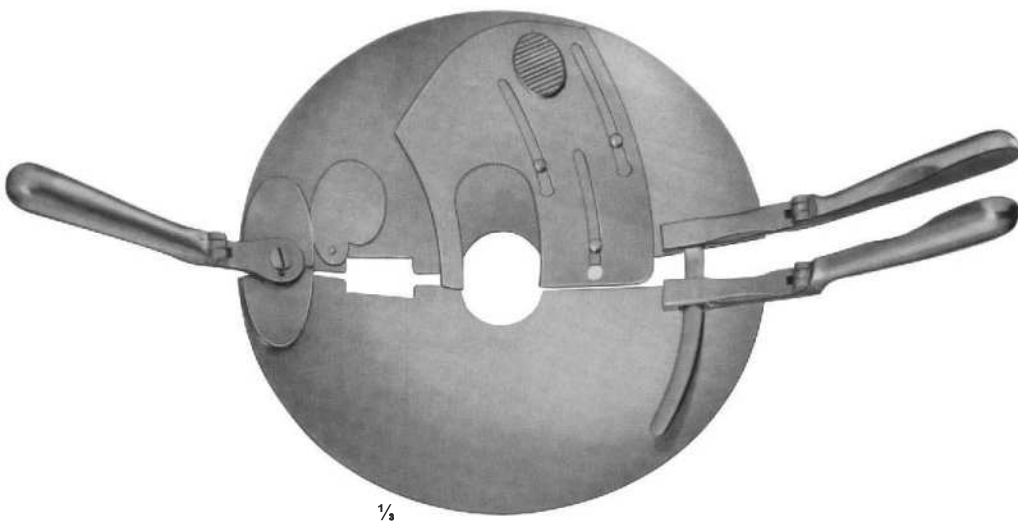
19-113

19-114

Amputation Retractors



19-115
PERCY
removeable handles

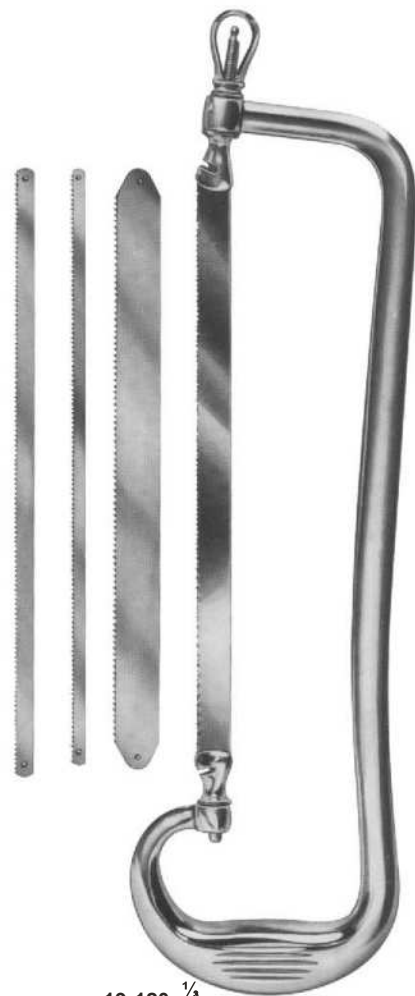


19-116
PERCY
reversible handles

Amputation Saws



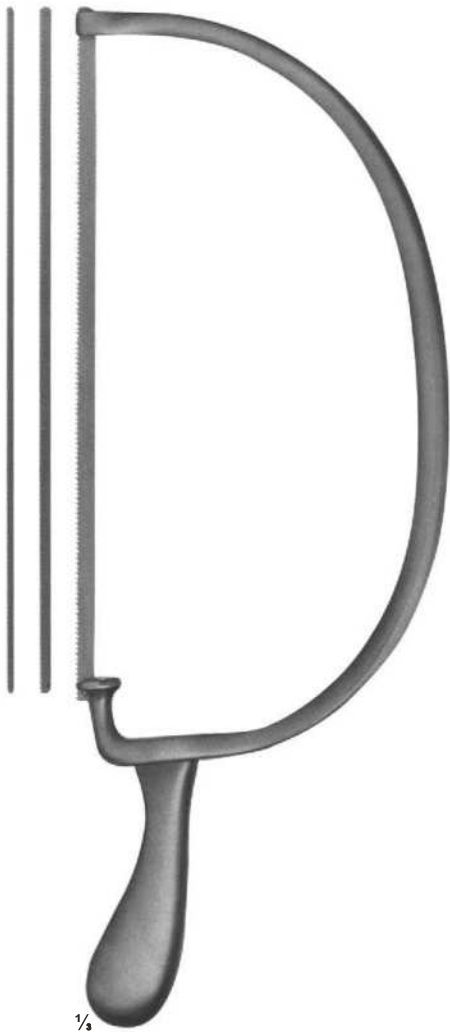
$\frac{1}{4}$
19-117
CHARRIEER
Length of blade
215 mm
complete with one saw
blade each
350 mm
Spare saw blades, carbon steel
19-118 12 mm
19-119 20 mm



$\frac{1}{4}$
19-120
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
19-125 20 mm



Amputation Saws



1/3

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



1/3

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



1/3

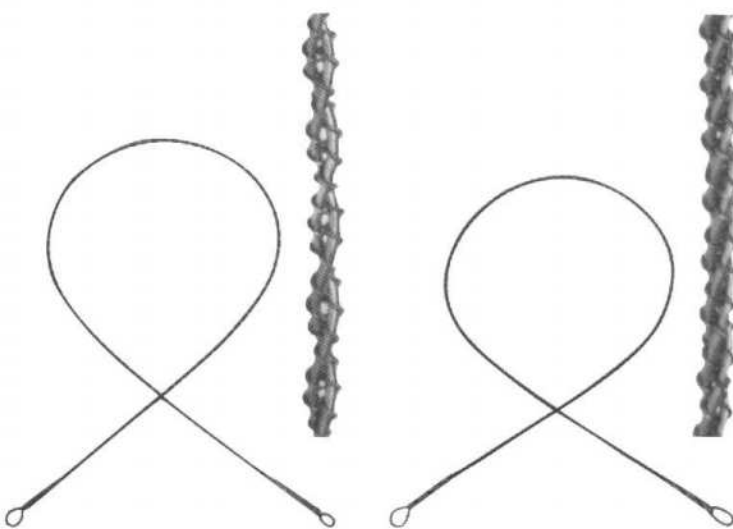
19-132
SATTERLEE
Length of blade
200 mm
Spare saw blades,
carbon steel
290 mm



1/3

19-133
LANGENBACK
Length of blade
115 mm
Metacarpal saw
235 mm

Wire Saws and Conductor



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
 coares, 4 wires twisted



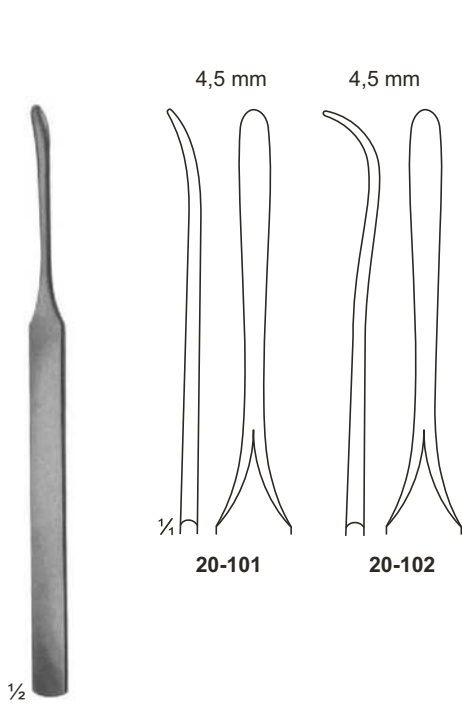
$\frac{1}{4}$
19-142
GIGLI
 Handle



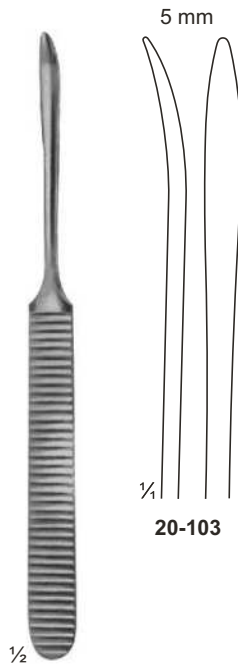
$\frac{1}{2}$
19-143
LEBSCH
 Conductor for
 wire saws, malleable
 250 mm



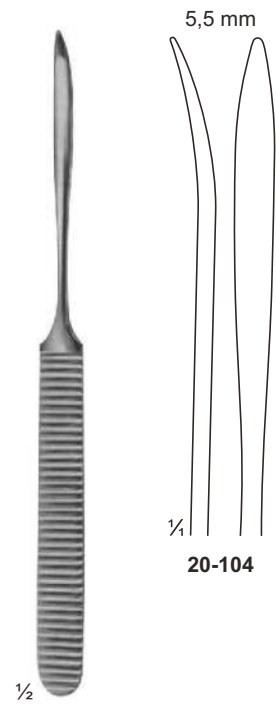
Elevators and Bone Levers



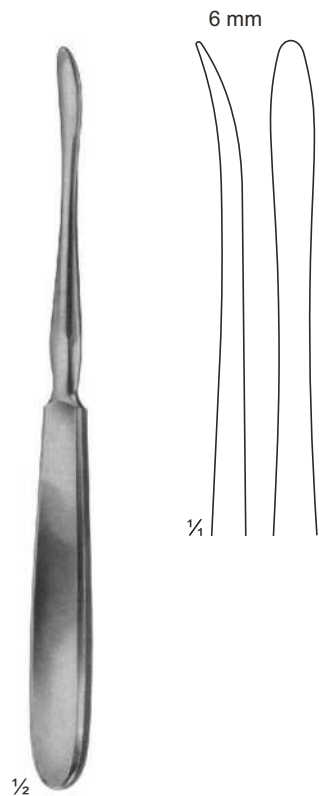
20-101 - 102
KONIG
155 mm



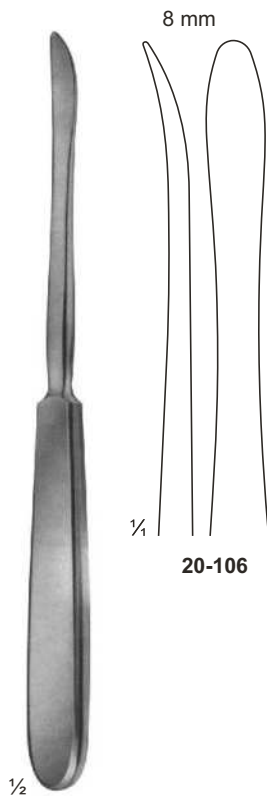
20-103
WILLIGER
165 mm



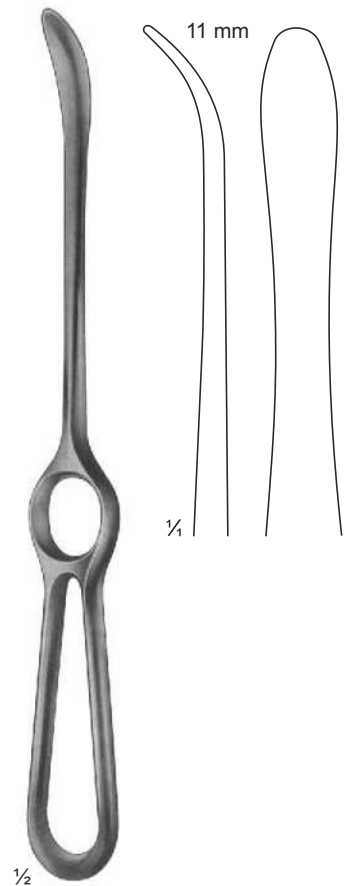
20-104
WILLIGER
170 mm



20-105
QUERVAIN
195 mm

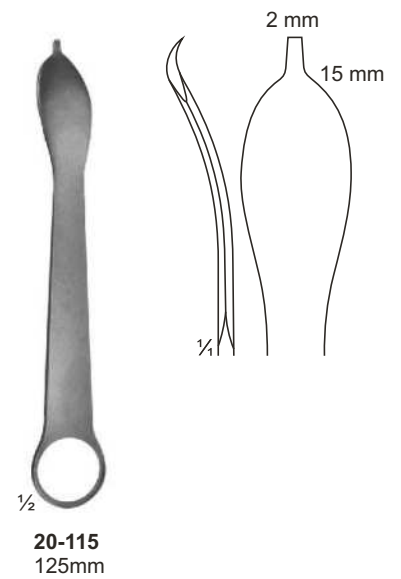
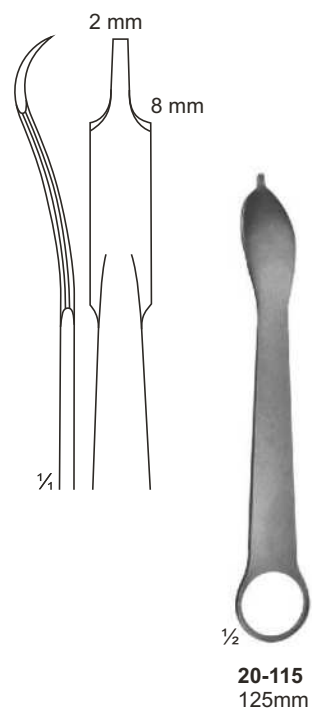
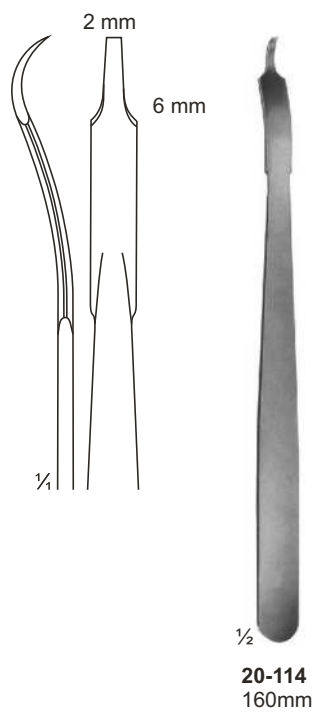
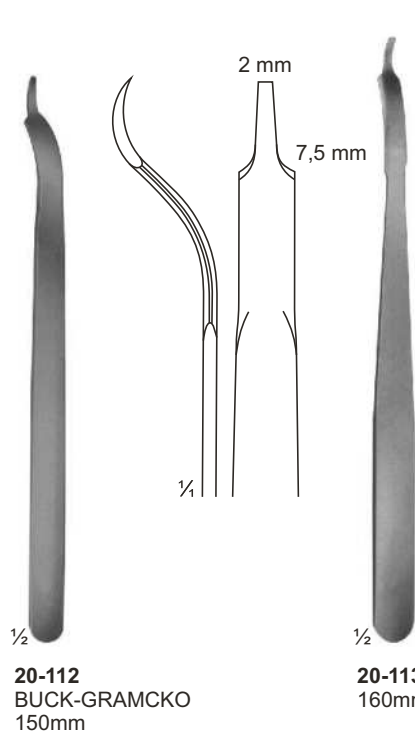
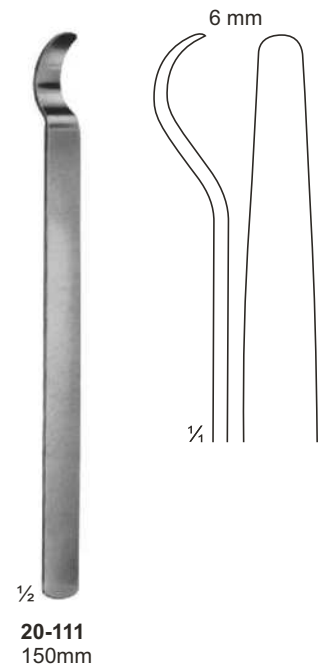
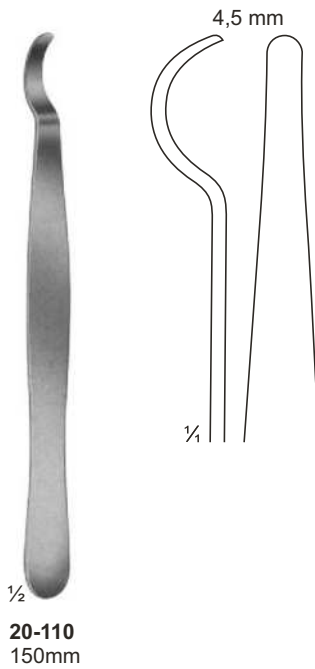
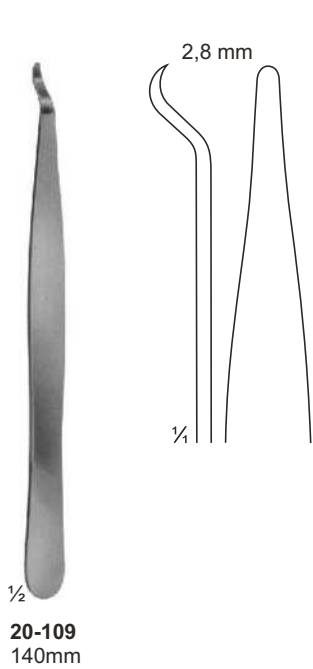


20-106 - 107
LANGENBACK
195 mm



20-108
LANGENBACK
230mm

Bone Levers



Bone Levers



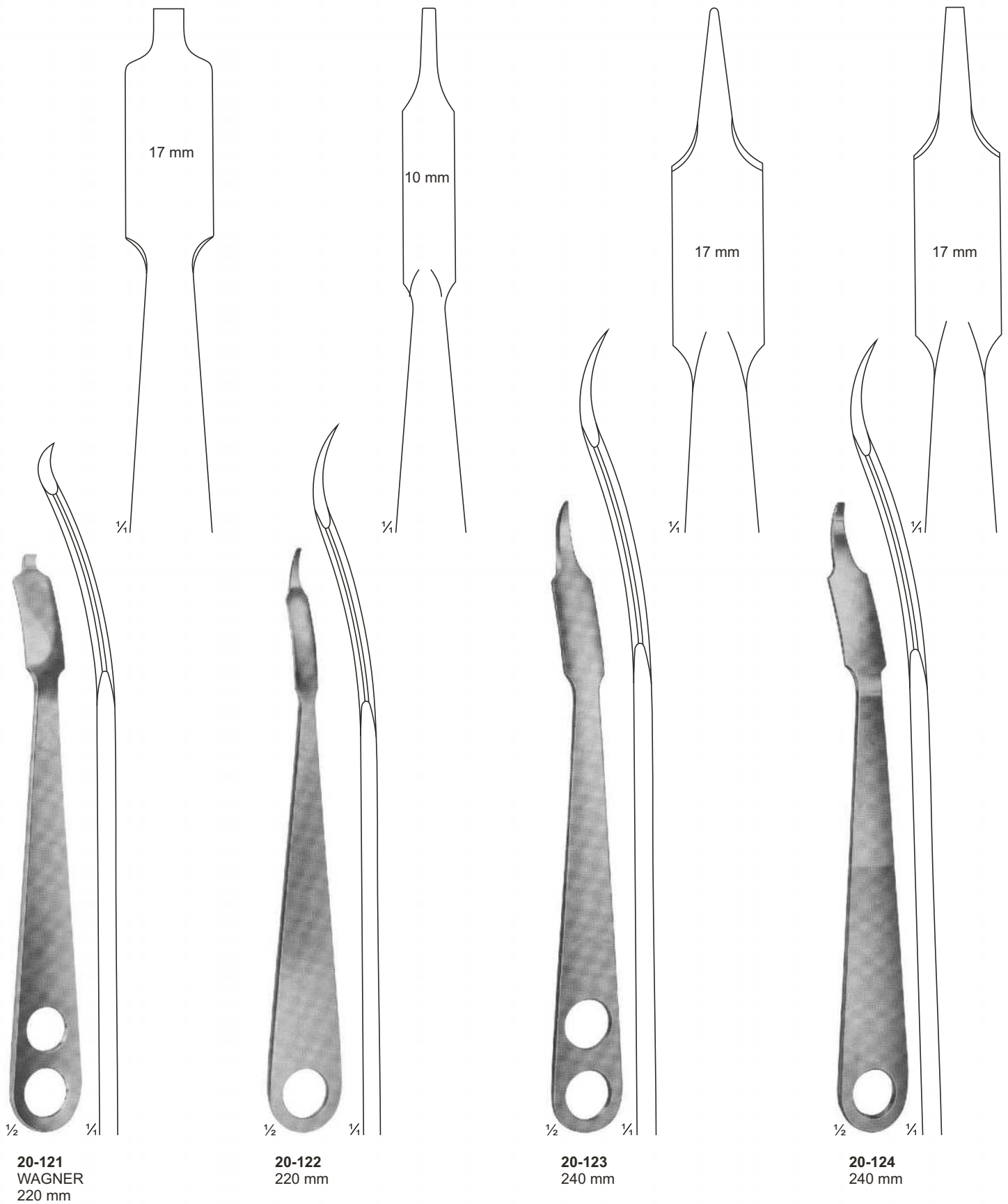
20-116
LANE TRETOWAN
215mm

20-117
LANE
255mm

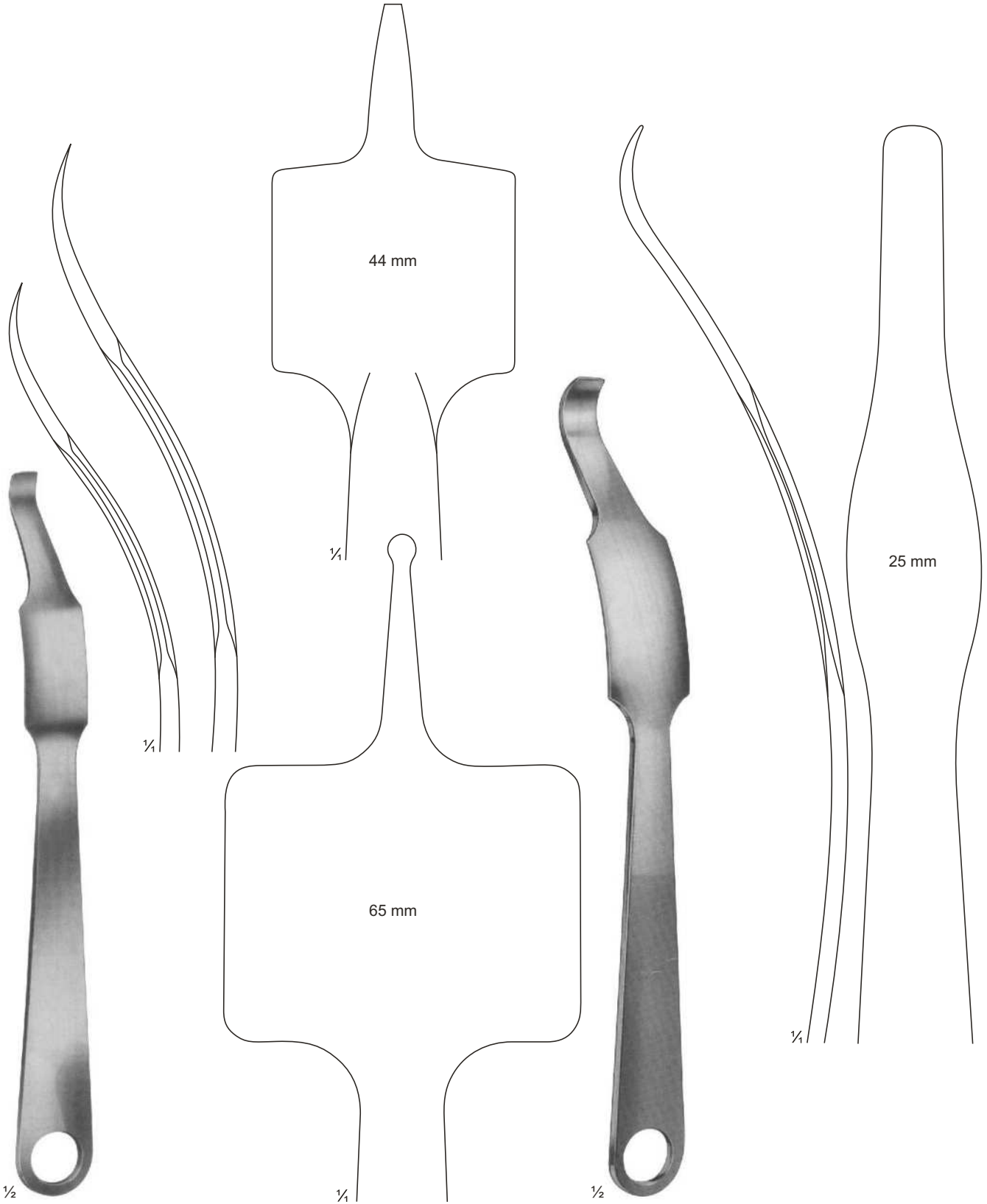
20-118
LANE-HOHMANN
250mm

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

Bone Levers



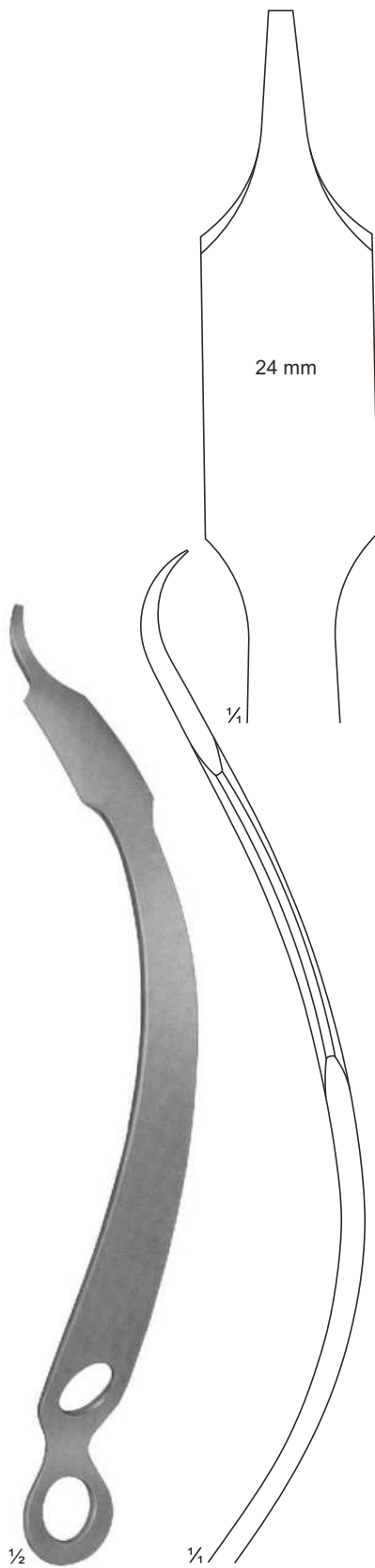
Bone Levers



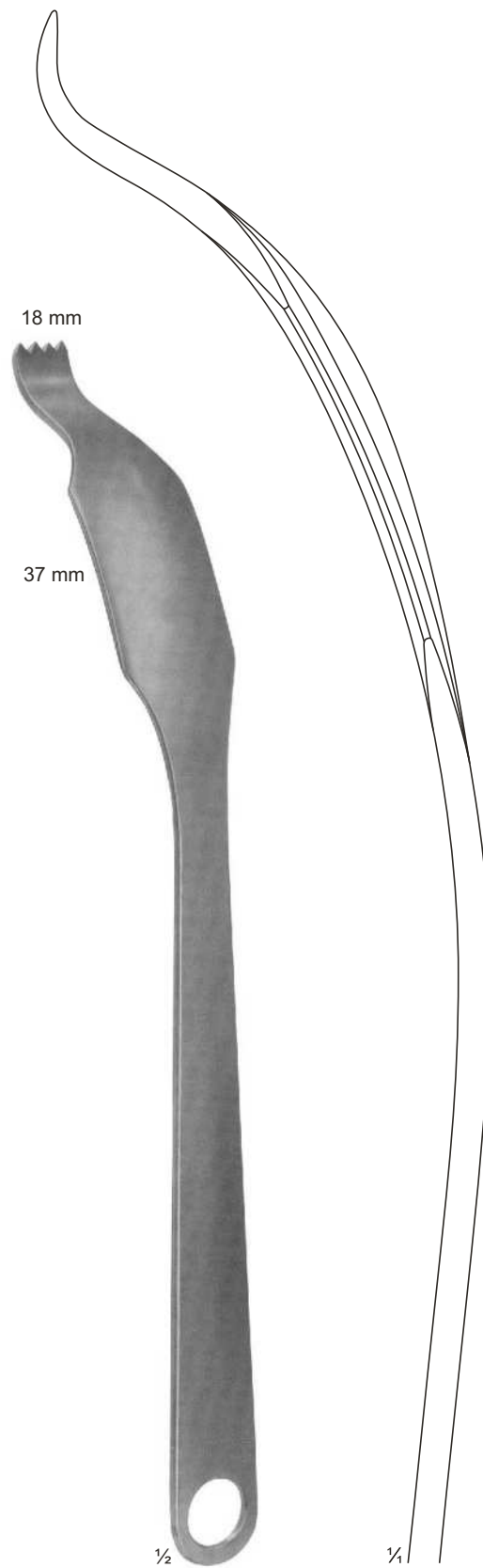
20-125 - 126
VERBRUGGE-MULLER
20-125 240 mm
20-126 255 mm

20-127
 260 mm

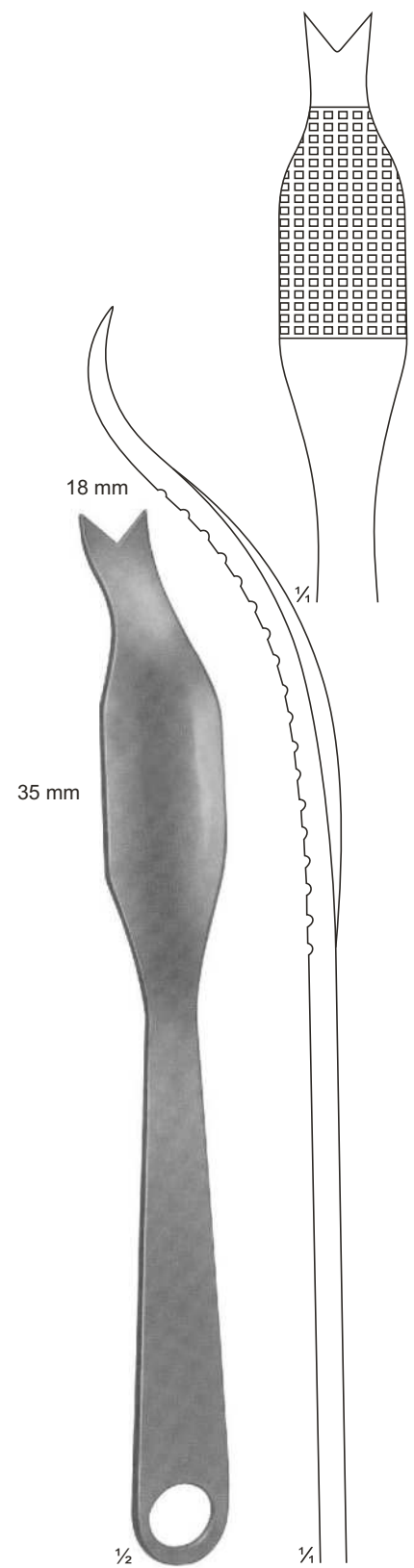
Bone Levers



20-128
HOHMANN-ALDINGER
270 mm



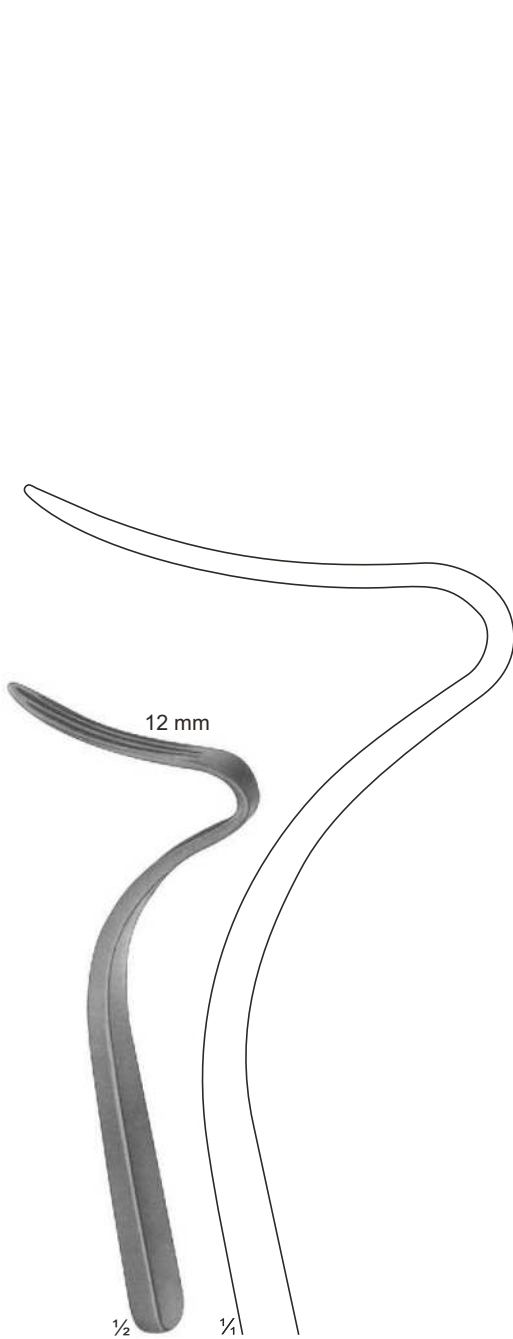
20-129
SCHUMACHER mod. WAGNER
345 mm



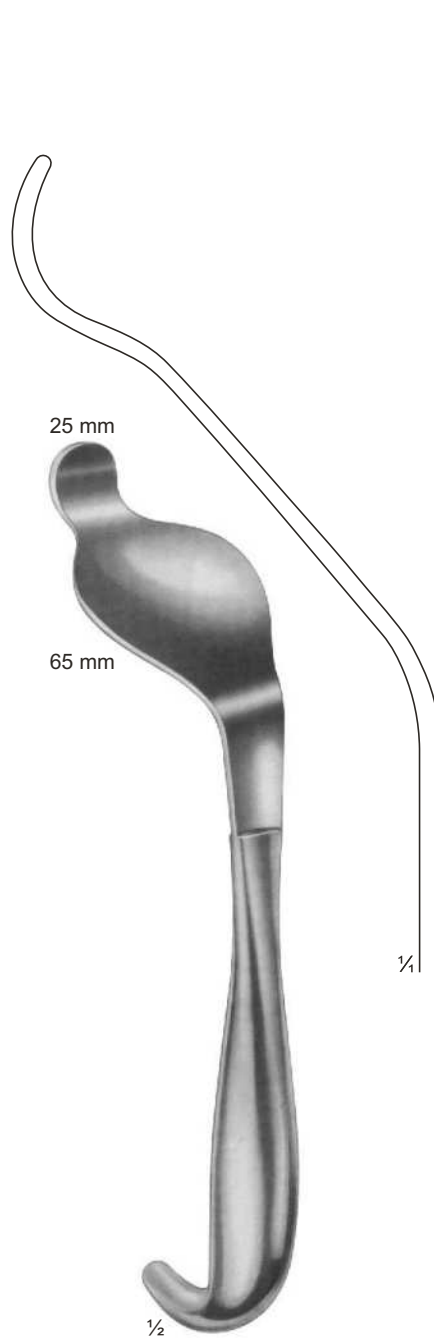
20-130
SCHUMACHER
290 mm



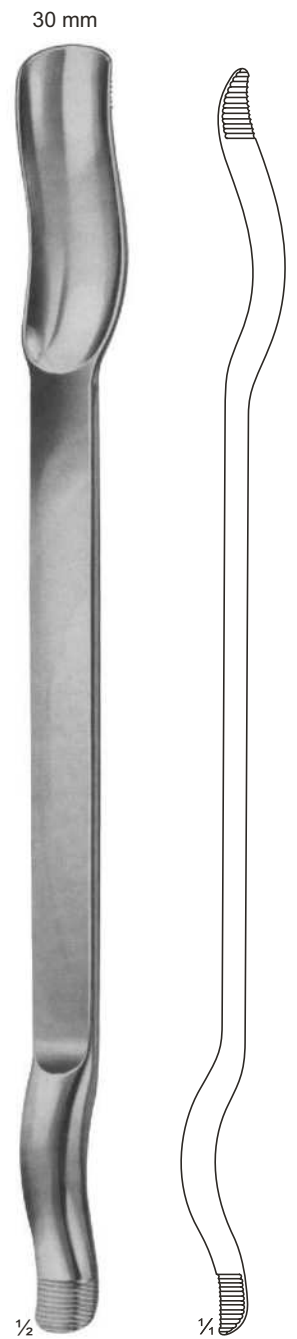
Special Bone Levers



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

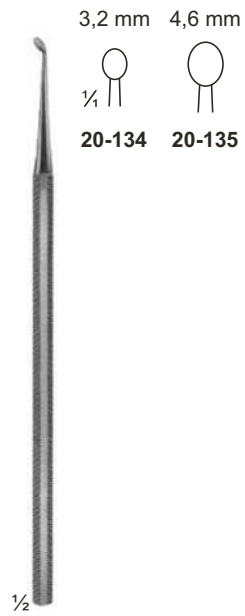


20-132
BENNETT
235 mm

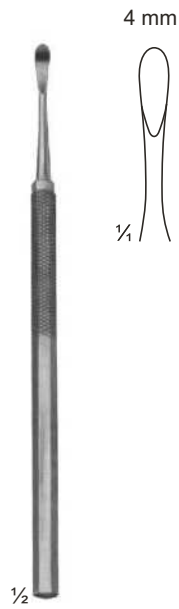


20-133
MURPHY-LANE
Luxation lever
340 mm

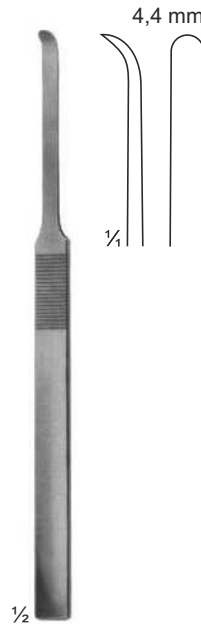
Raspatories



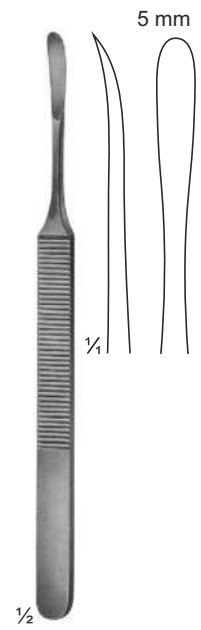
20-134 - 135
PARTSCH
150 mm



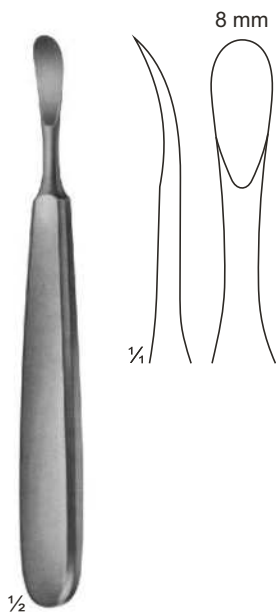
20-136
PARTSCH mod. LANGE
145 mm



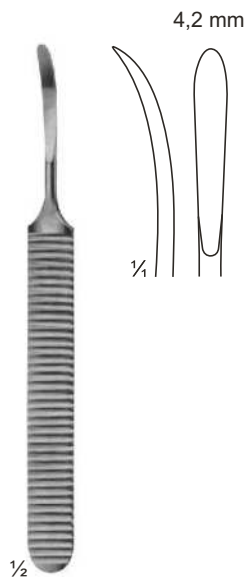
20-137
MC KENTY
155 mm



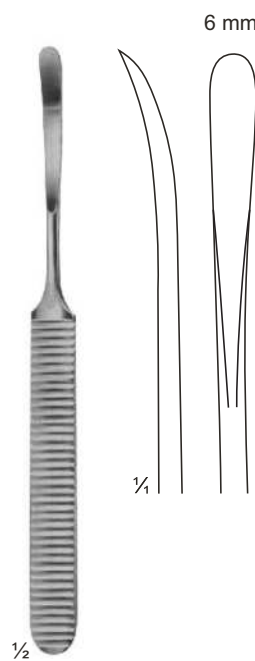
20-138
KONIG
155 mm



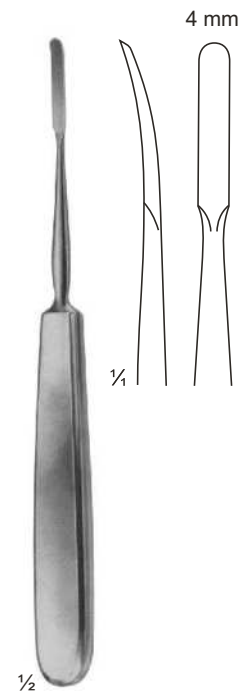
20-139
TRELAT
150 mm



20-140
WILLIGER
140 mm



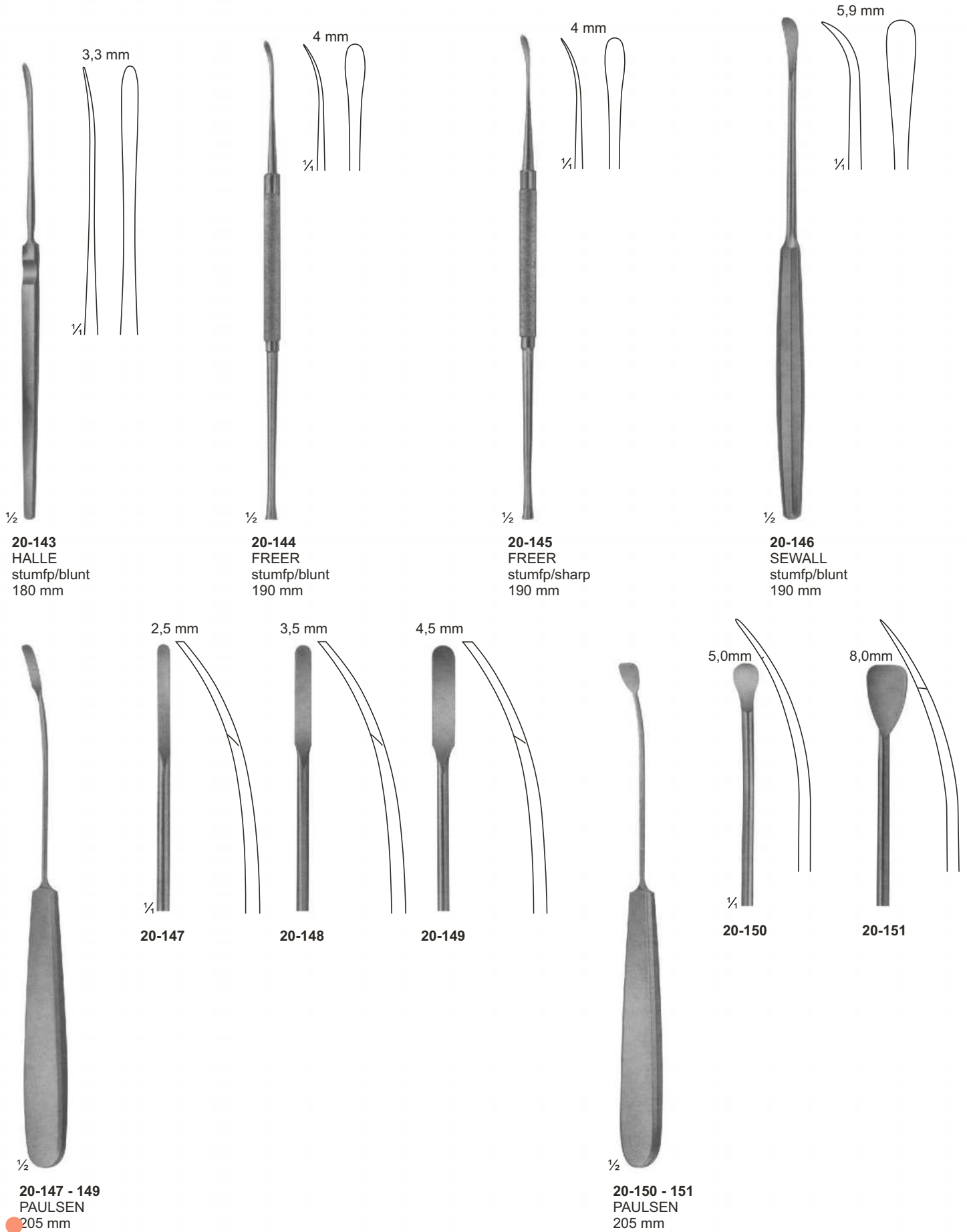
20-141
WILLIGER
160 mm



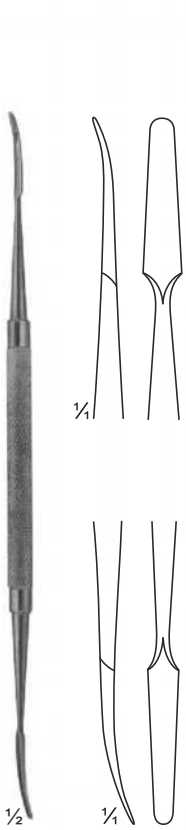
20-142
JOSEPH
170 mm



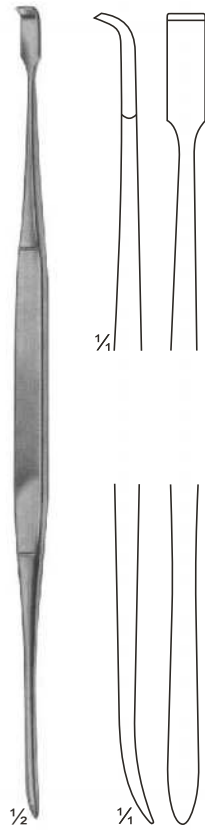
Raspatories



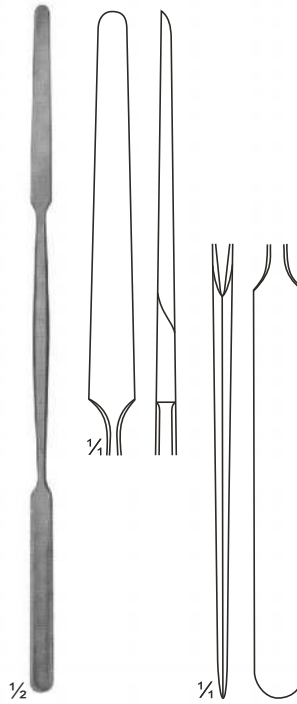
Raspatories



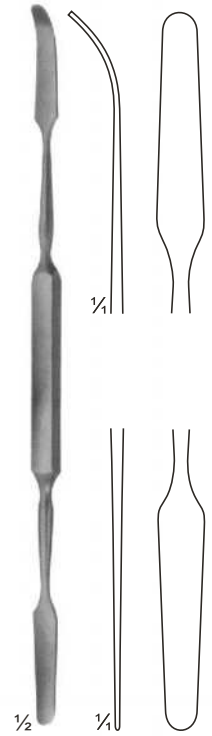
**20-152
KILLIAN**
sharp/blunt
185 mm



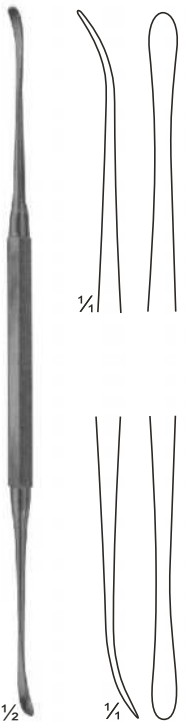
**20-153
HOWARTH**
sharp/blunt
215 mm



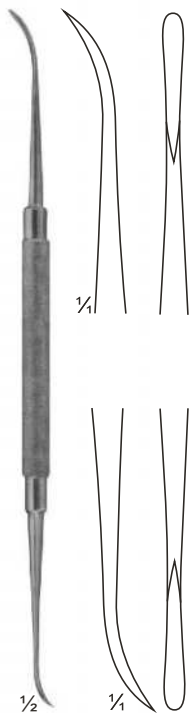
**20-154
KILLIAN**
sharp/blunt
185 mm



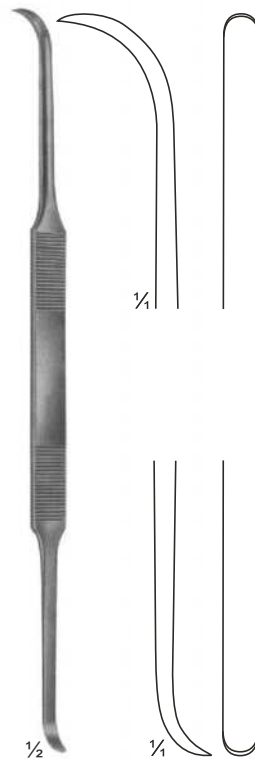
**20-155
MAC DONALD**
blunt/blunt
185 mm



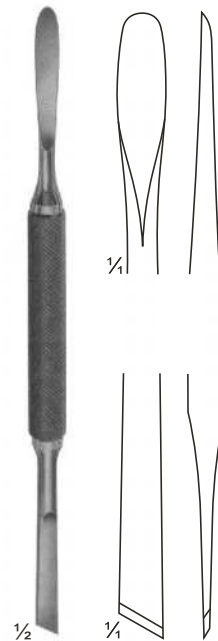
**20-156
FREER**
sharp/blunt
185 mm



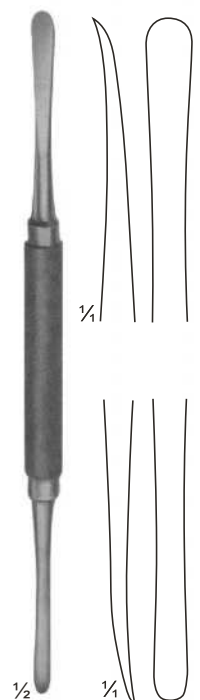
**20-157
FREER-YASARGIL**
sharp/sharp
185 mm



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

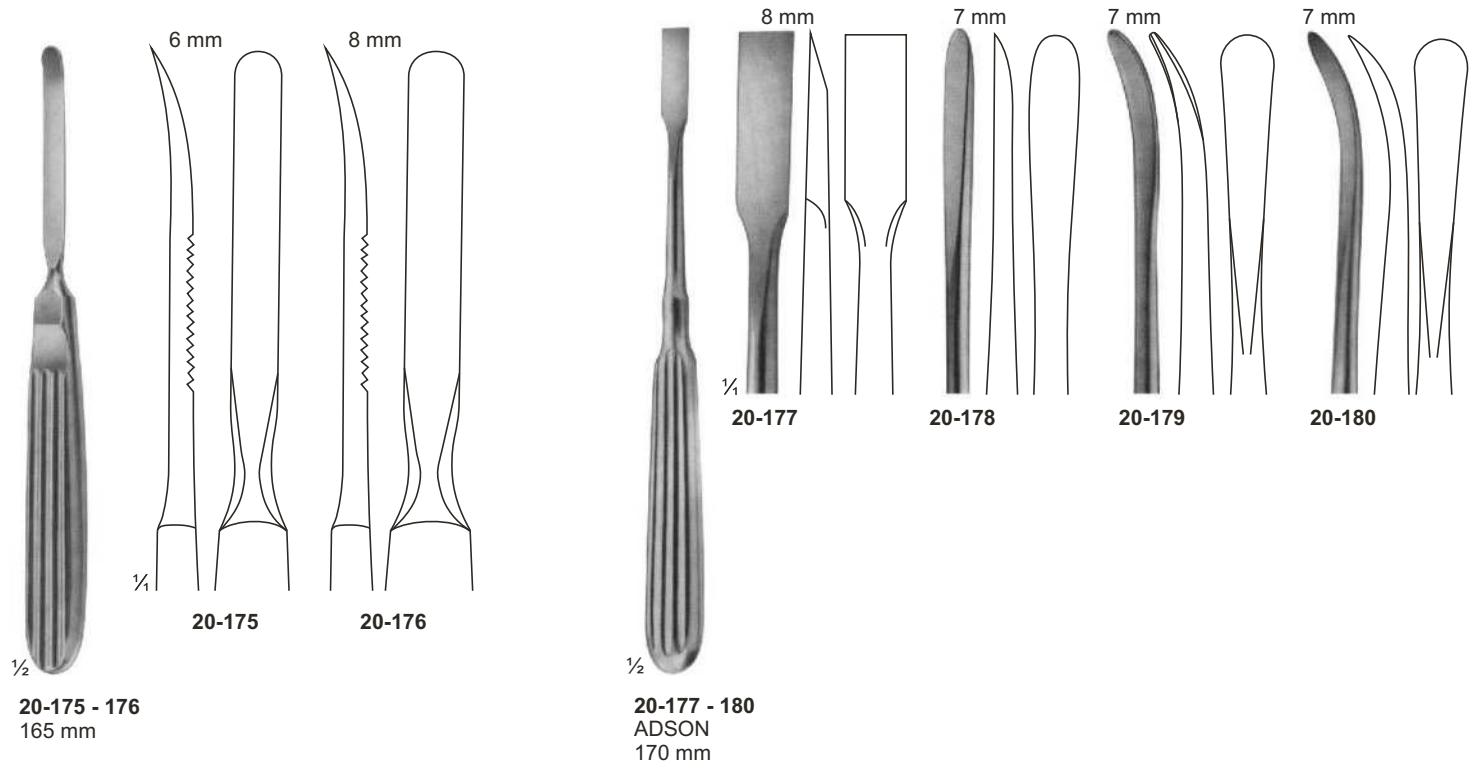
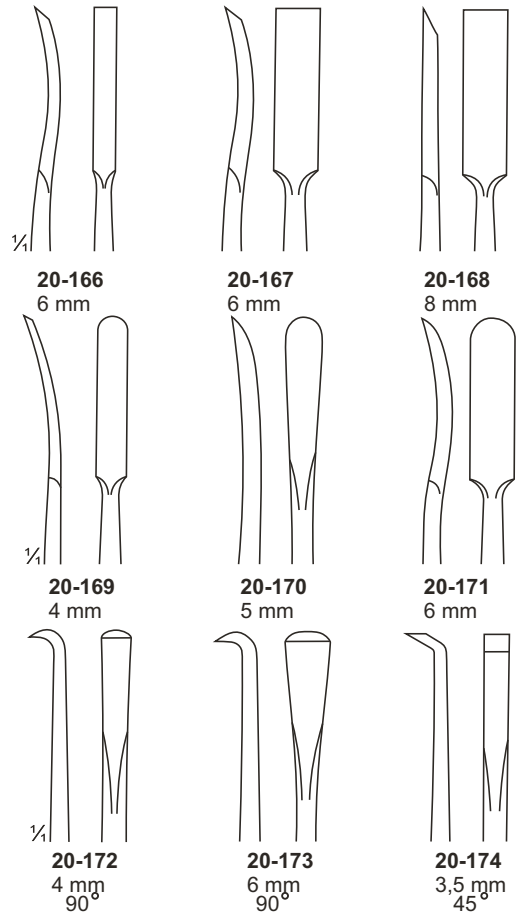
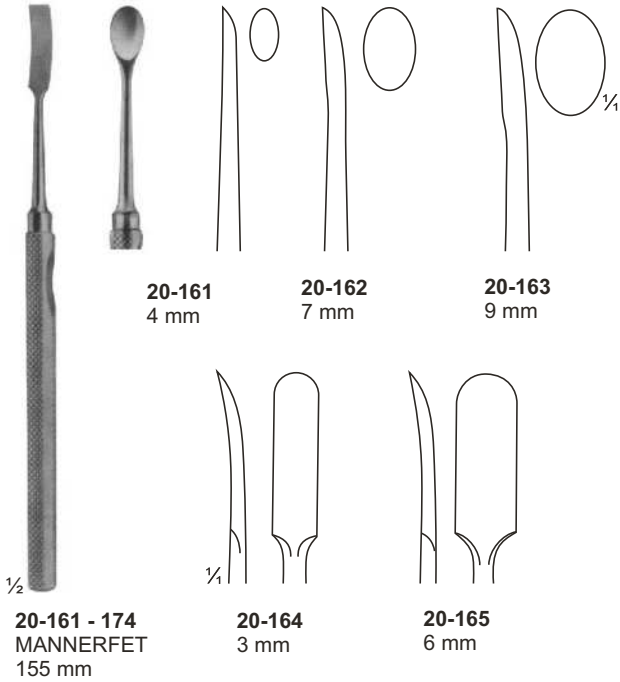


**20-159
MEAD**
sharp/sharp
165 mm

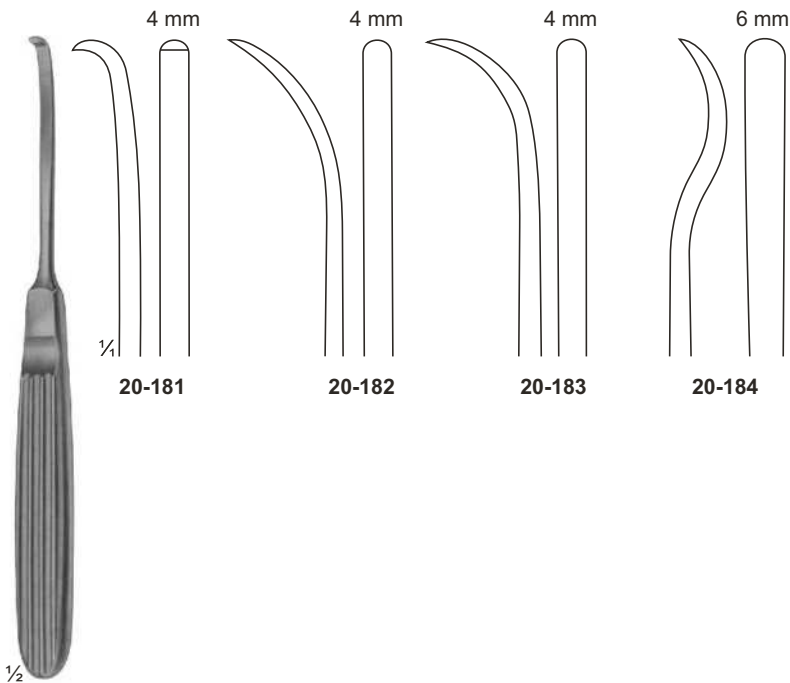


**20-160
MOLT**
sharp/sharp
180 mm

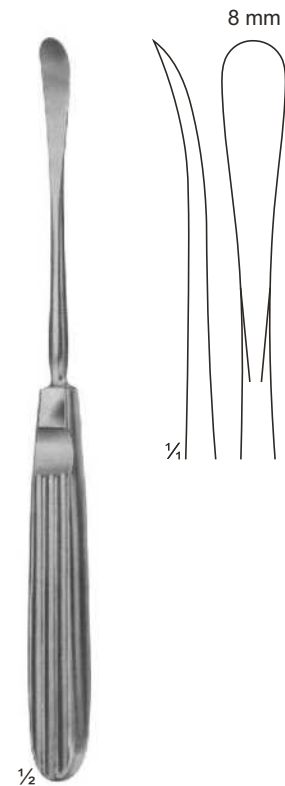
Raspatories



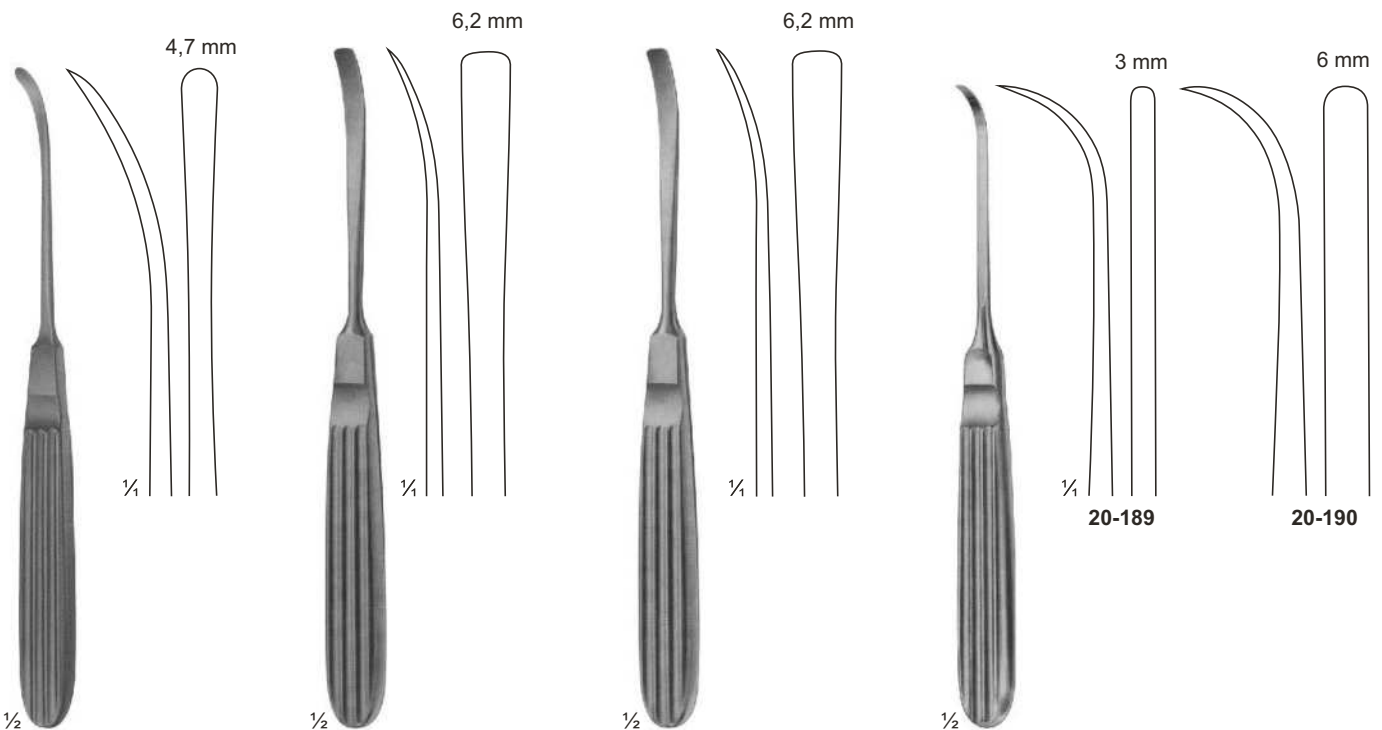
Raspatories



20-181 - 184
MUHLING
170 mm



20-185
COTTLE
175 mm



20-186
LANDOT
175 mm

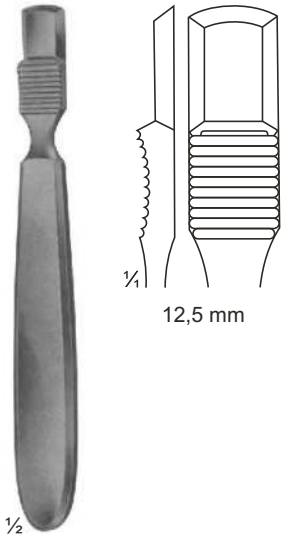
20-187
CASPER
180 mm

20-188
CASPER
180 mm

20-189 - 190
170 mm

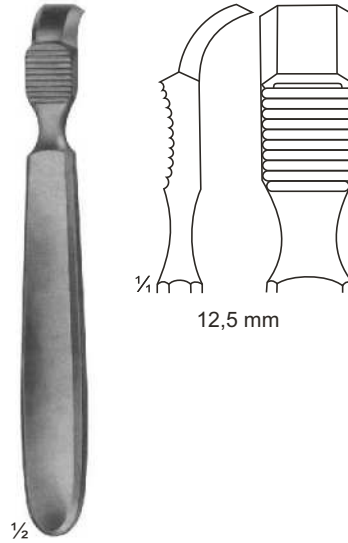


Raspatories



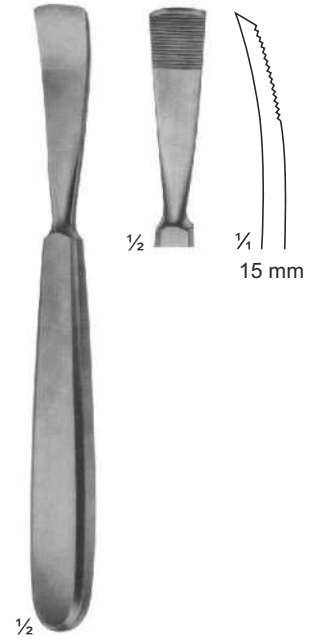
12,5 mm

20-191
FARABEU
140 mm



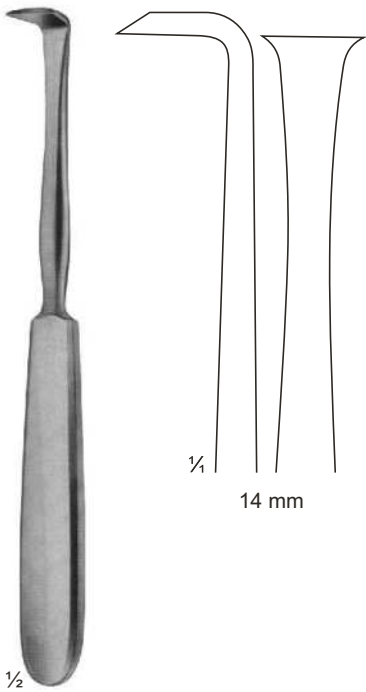
12,5 mm

20-192
FARABEU
140 mm



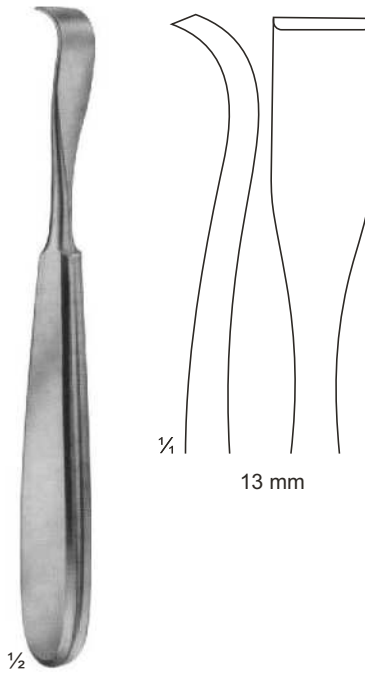
15 mm

20-193
JANSEN
165 mm



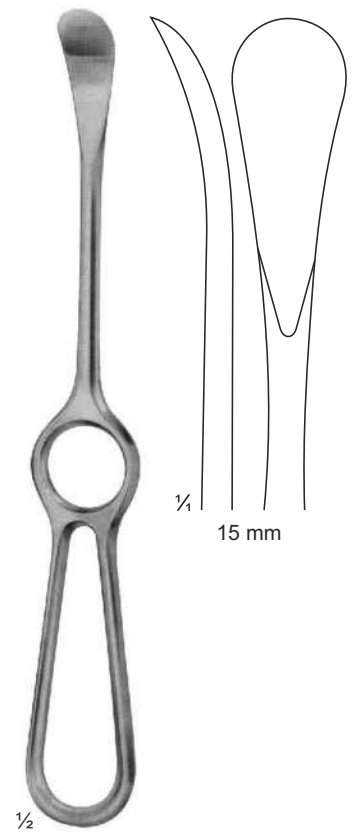
14 mm

20-194
LANGENBACK
180 mm



13 mm

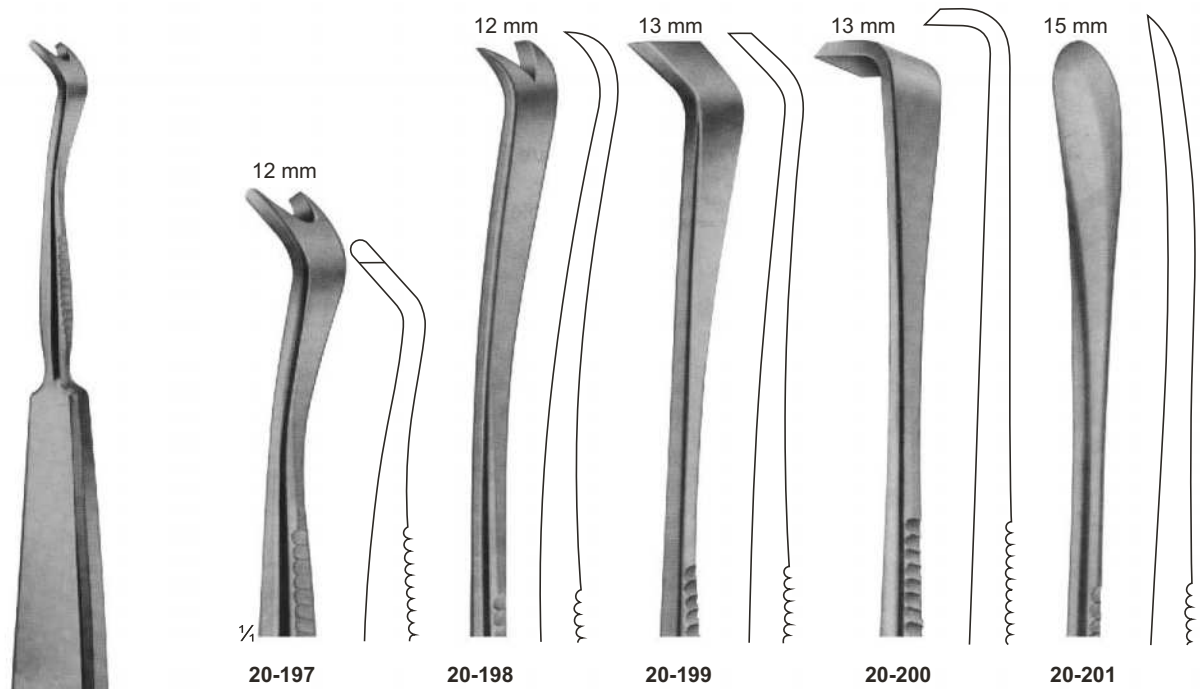
20-195
SCHNEIDER
175 mm



15 mm

20-196
SEDILLOT
215 mm

Raspatories

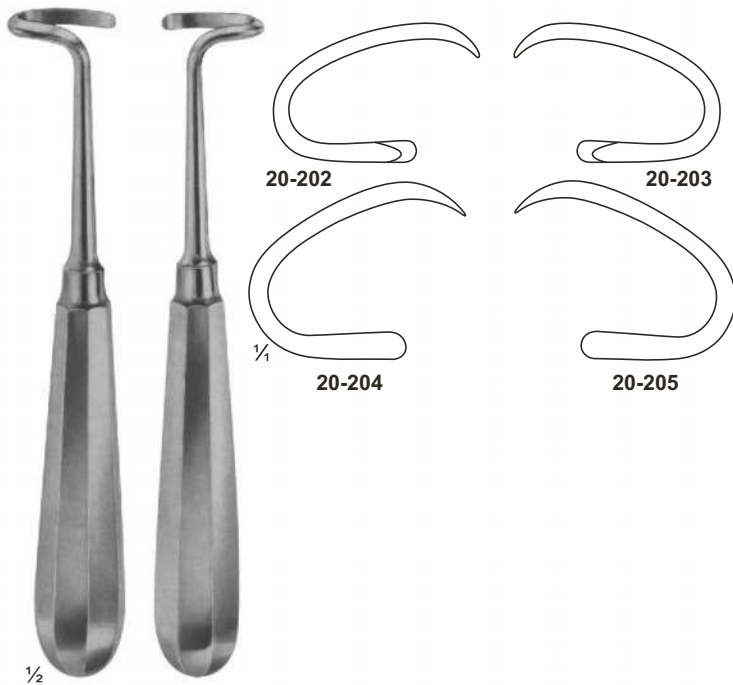


$\frac{1}{2}$
20-197 - 201
SEMB
230 mm



$\frac{1}{4}$
20-206

20-207



20-202

20-203

$\frac{1}{4}$
20-204

20-205

$\frac{1}{2}$

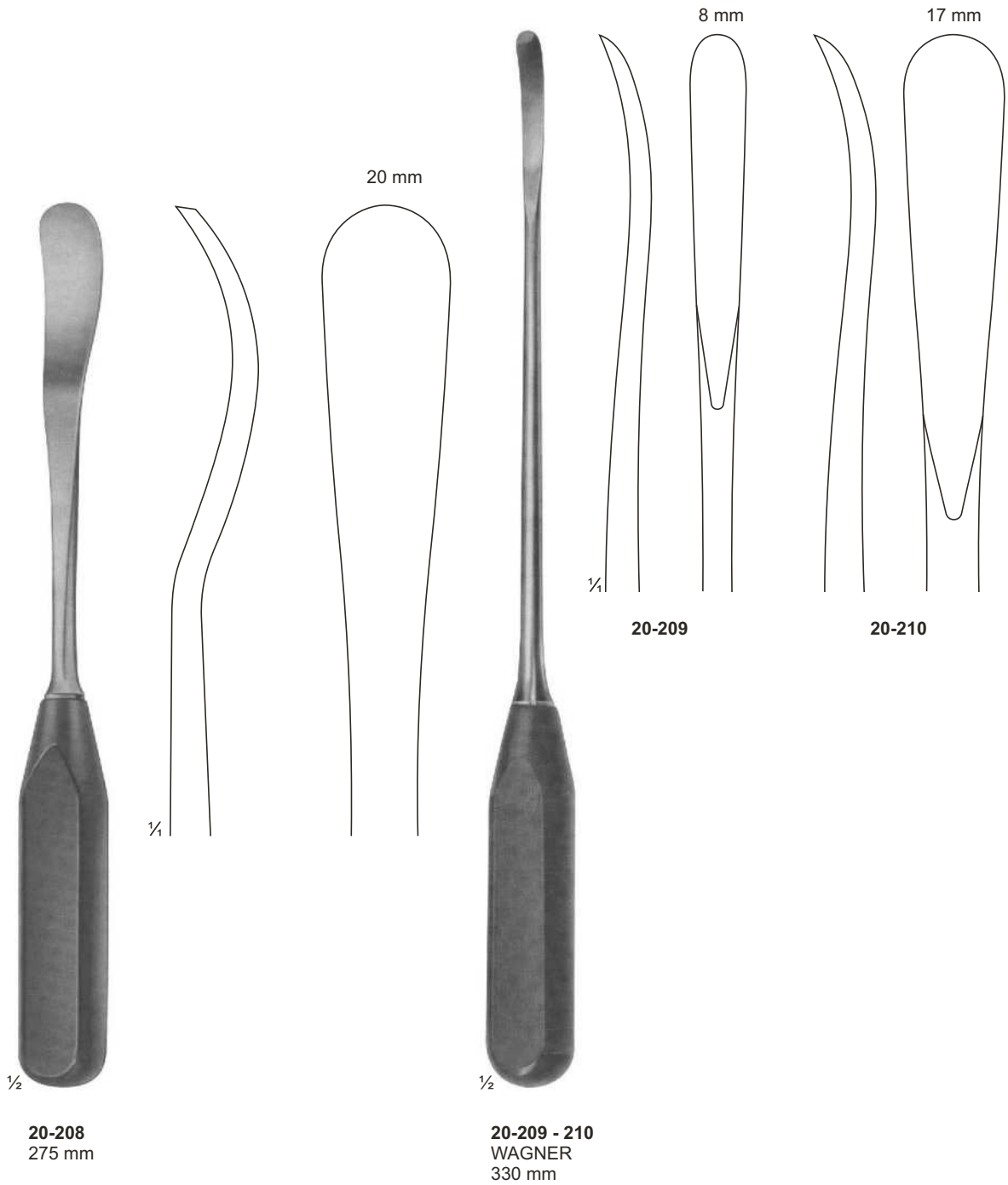
$\frac{1}{2}$

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

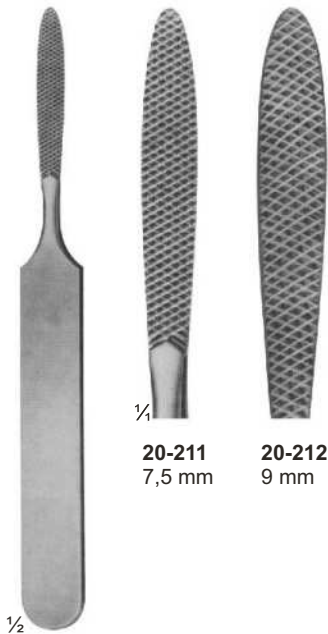
20-206 - 207
DOYEN
240 mm



Raspatories with HARTPRESS-handle



Bone File and Rasps

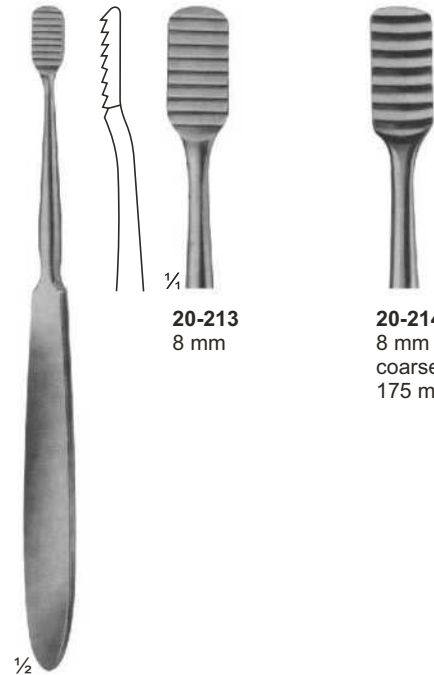


20-211
7,5 mm

20-212
9 mm

20-211
JOSEPH
fine, chequered

20-212
coarse, chequered
165 mm



20-213
8 mm

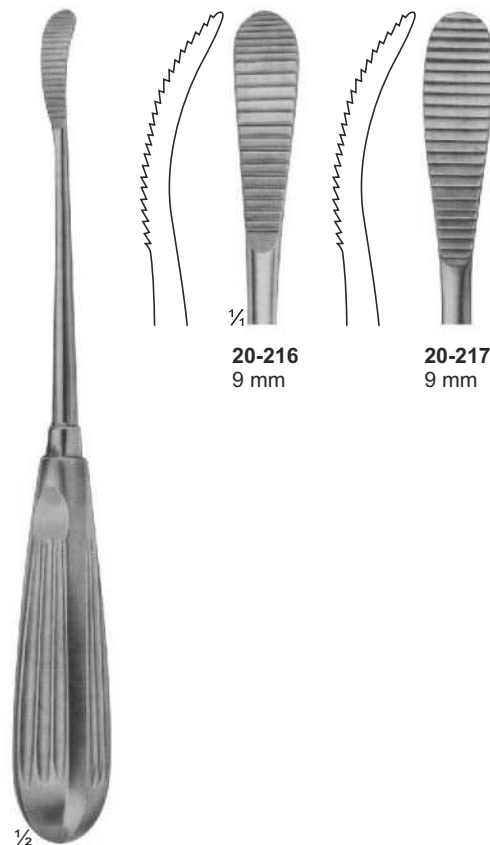
20-214
8 mm
coarse, teeth
175 mm

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

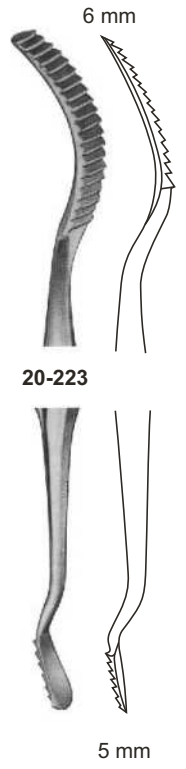
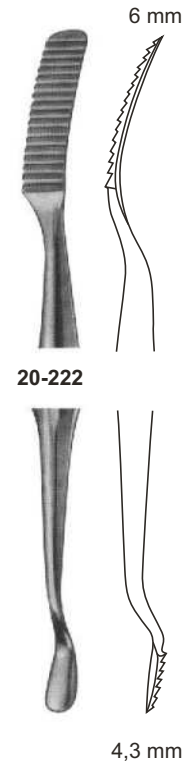
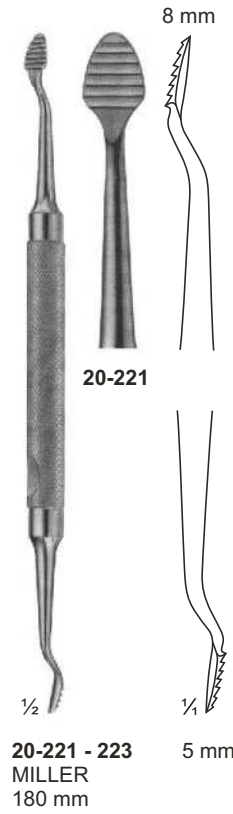
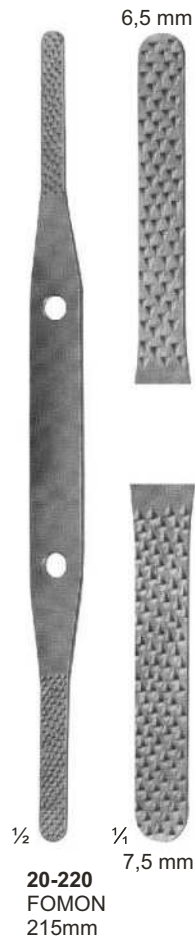


20-218
6,5 mm

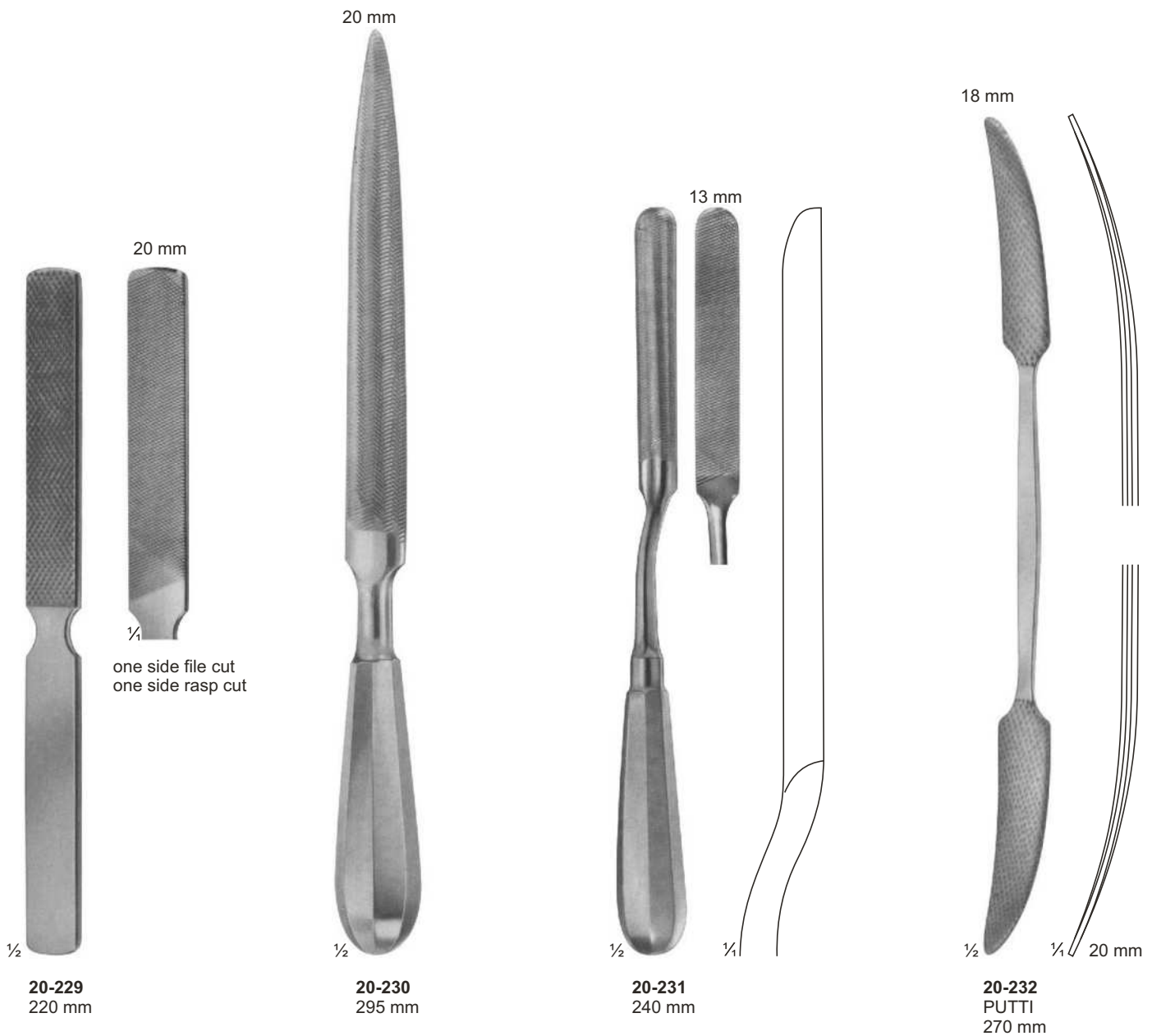
20-218
GALLAHER
190 mm



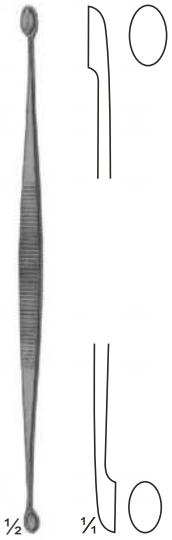
Bone File and Rasps



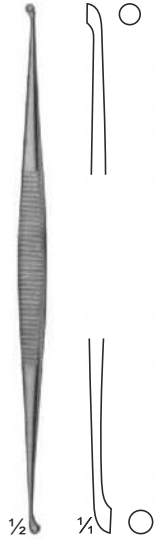
Bone File and Rasps



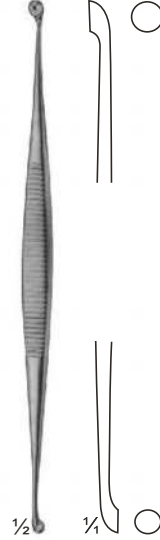
Bone Curettes



**20-233
JACOBSON
140 mm**



**20-234
MARTINI
140 mm**



**20-235
MARTINI
140 mm**



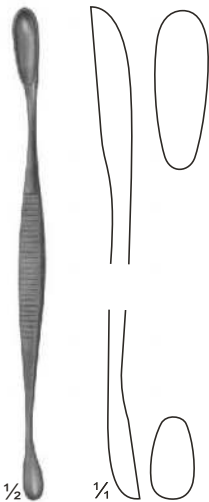
**20-236
WILLIGER
145 mm**



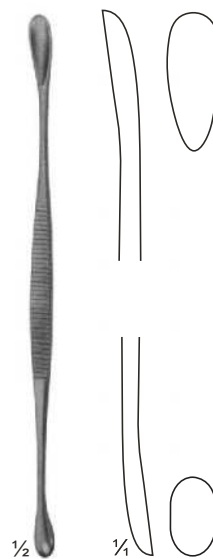
**20-237
JANSEN
160 mm**



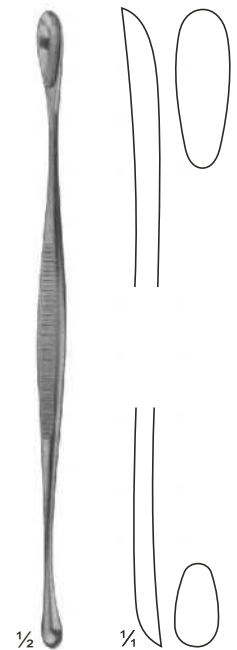
**20-238
BARTH
180 mm**



**20-239
VOLKMANN
130 mm**



**20-240
VOLKMANN
145 mm**



**20-241
VOLKMANN
170 mm**

Bone Currettes



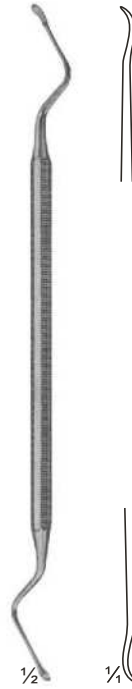
20-242
JANSEN
160 mm



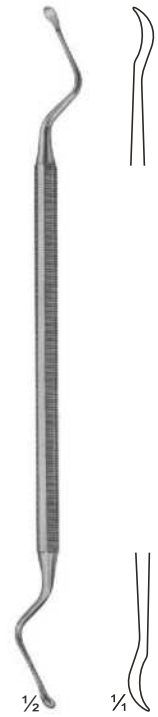
20-243
HEMINGWAY
170 mm



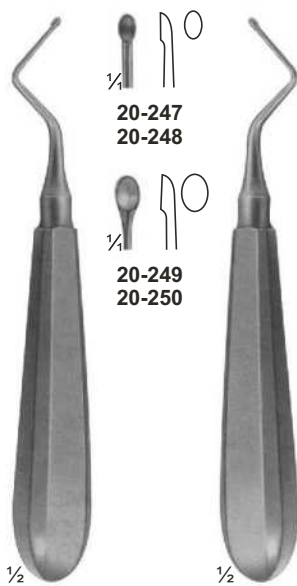
20-244
HEMINGWAY
175 mm



20-245
LUCAS
180 mm

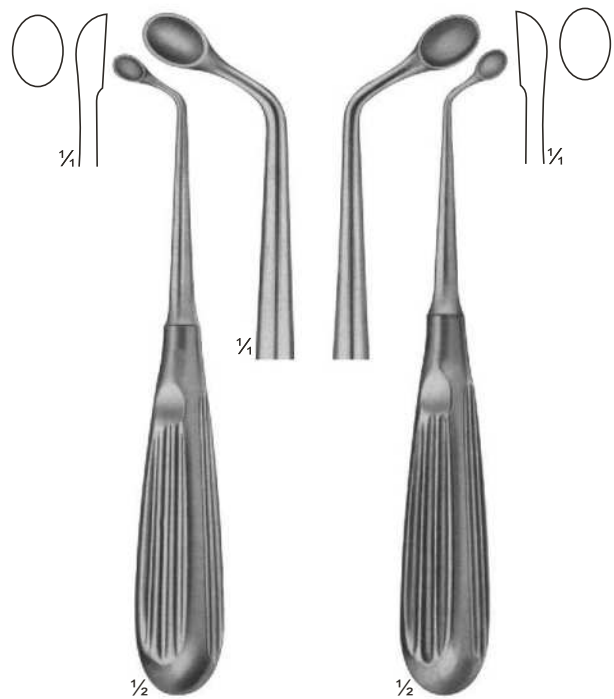


20-246
LUCAS
185 mm



20-247 - 248
KERPEL
145 mm

20-249 - 250
KERPEL
145 mm



20-251
UFFENORDE
170 mm

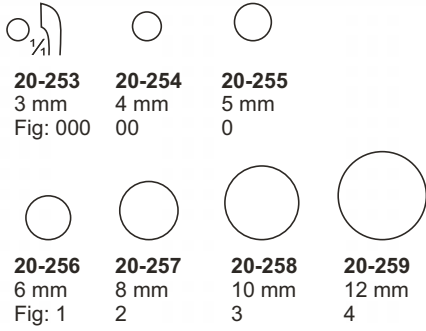
20-252
UFFENORDE
170 mm



Bone Currettes



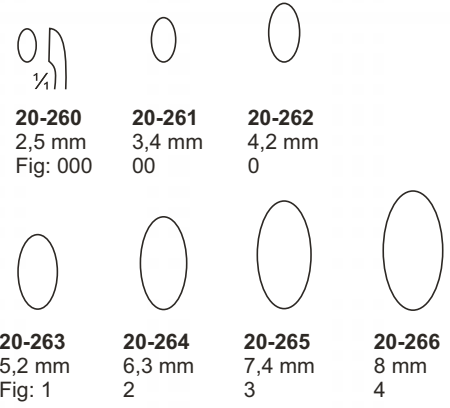
1/2



20-253 - 259
BRUNS
165 mm



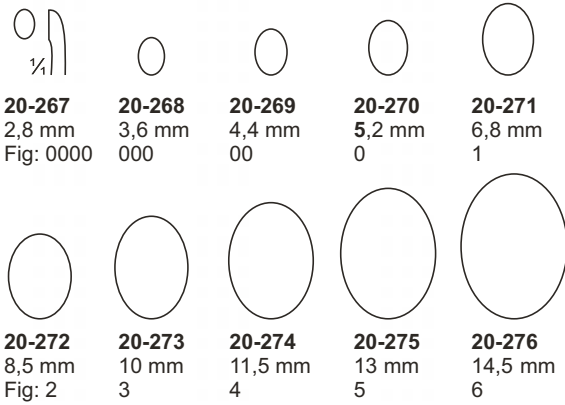
1/2



20-260 - 266
SCHEDE
170 mm



1/2



20-267 - 276
VOLKMANN
170 mm

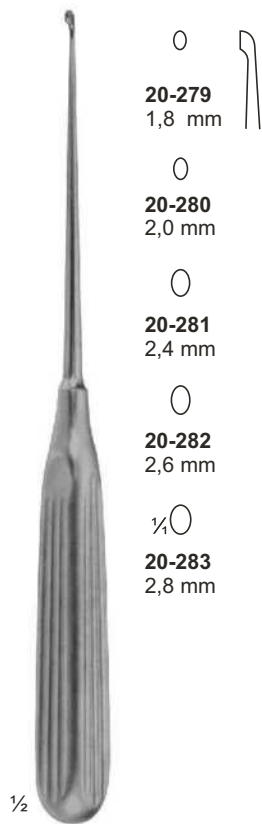


1/2



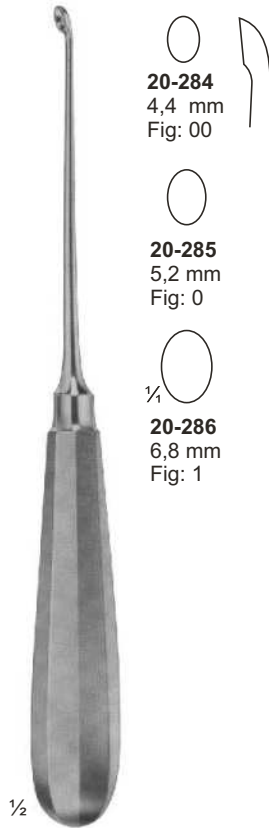
20-277 - 278
WILLIGER
170 mm

Bone Currettes



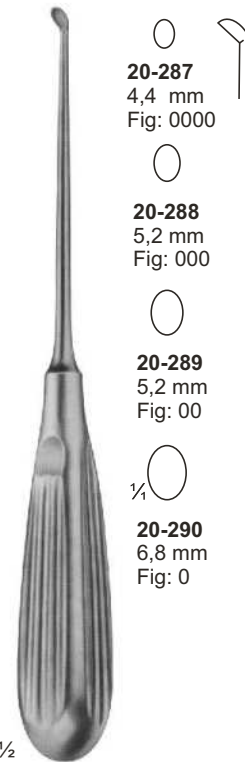
- **20-279**
1,8 mm
- **20-280**
2,0 mm
- **20-281**
2,4 mm
- **20-282**
2,6 mm
- ¼○
20-283
2,8 mm

½
20-279 - 283
LEMPERT
215 mm



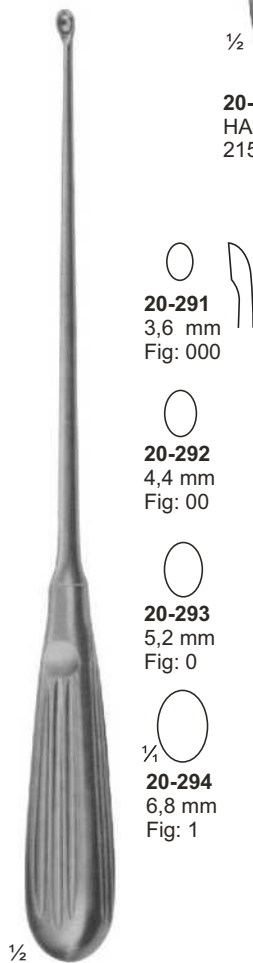
- **20-284**
4,4 mm
Fig: 00
- **20-285**
5,2 mm
Fig: 0
- ¼○
20-286
6,8 mm
Fig: 1

½
20-284 - 286
HALLE
215 mm



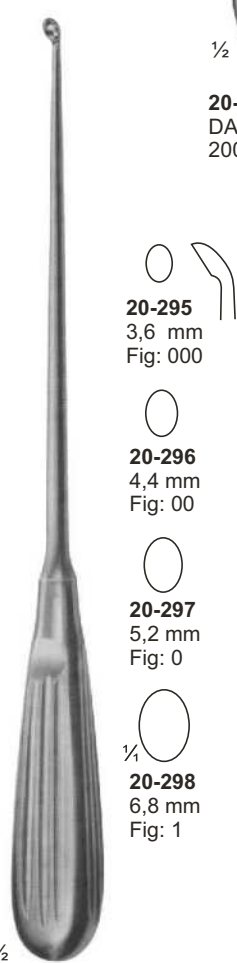
- **20-287**
4,4 mm
Fig: 0000
- **20-288**
5,2 mm
Fig: 000
- **20-289**
5,2 mm
Fig: 00
- ¼○
20-290
6,8 mm
Fig: 0

½
20-287 - 290
DAUBENSPECK
200 mm



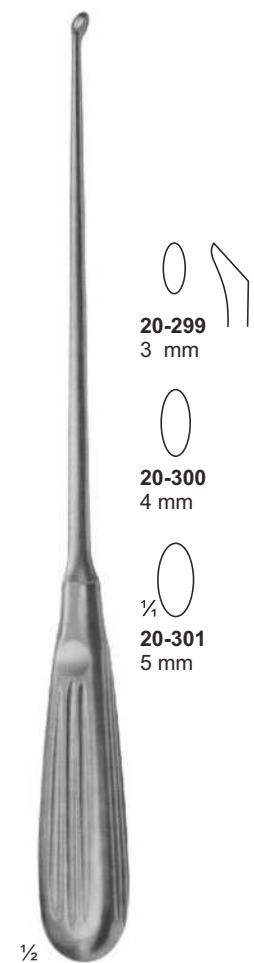
- **20-291**
3,6 mm
Fig: 000
- **20-292**
4,4 mm
Fig: 00
- **20-293**
5,2 mm
Fig: 0
- ¼○
20-294
6,8 mm
Fig: 1

½
20-291 - 294
250 mm



- **20-295**
3,6 mm
Fig: 000
- **20-296**
4,4 mm
Fig: 00
- **20-297**
5,2 mm
Fig: 0
- ¼○
20-298
6,8 mm
Fig: 1

½
20-295 - 298
250 mm

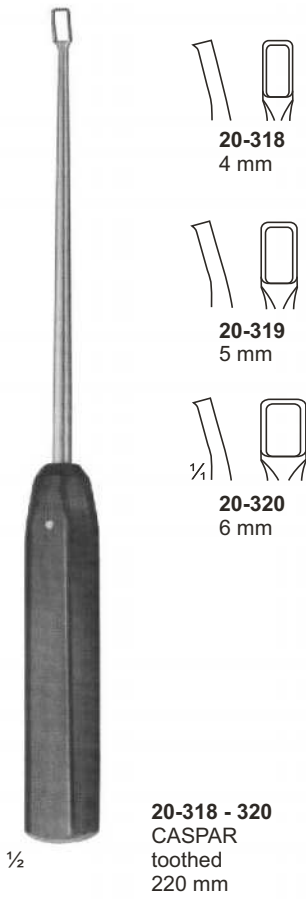
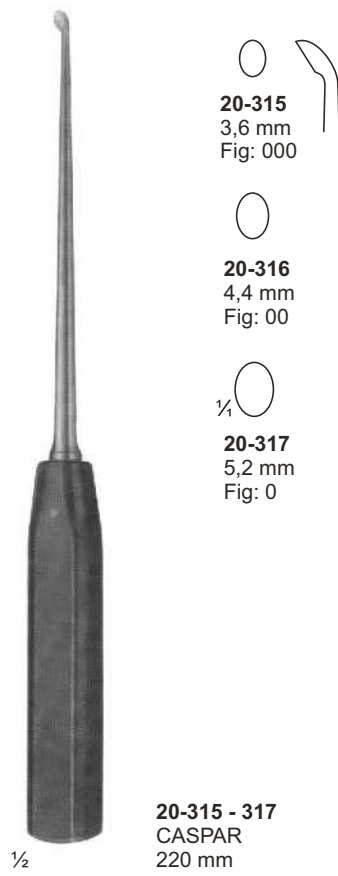
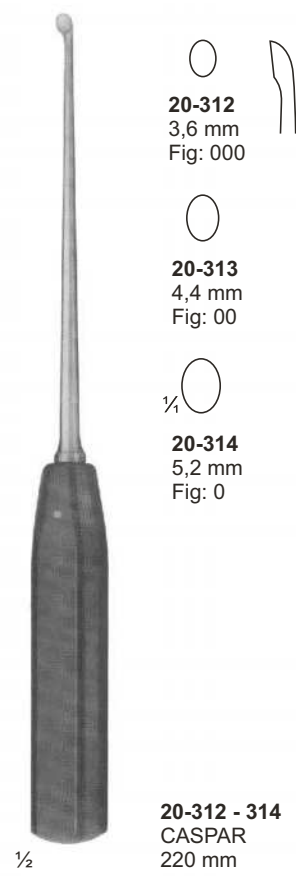
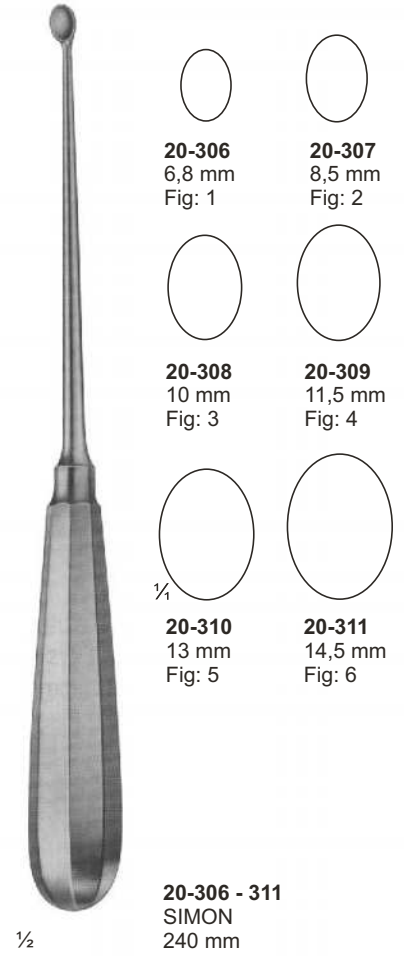
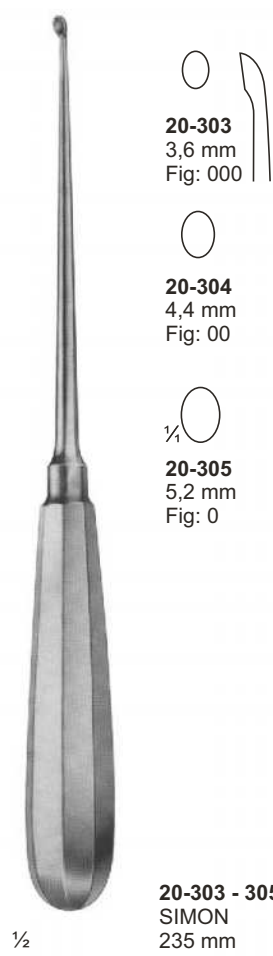
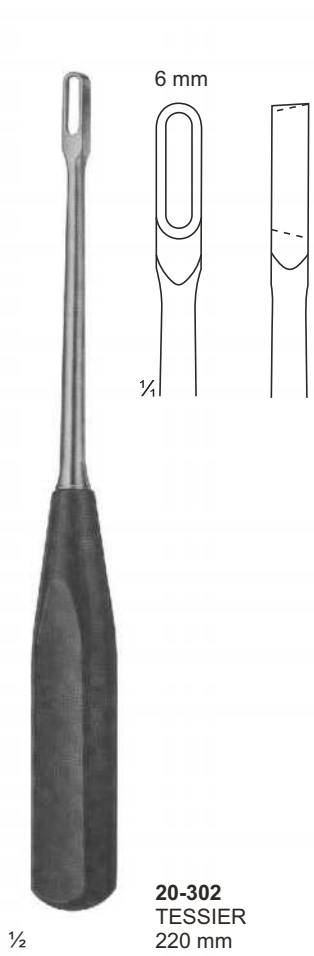


- **20-299**
3 mm
- **20-300**
4 mm
- ¼○
20-301
5 mm

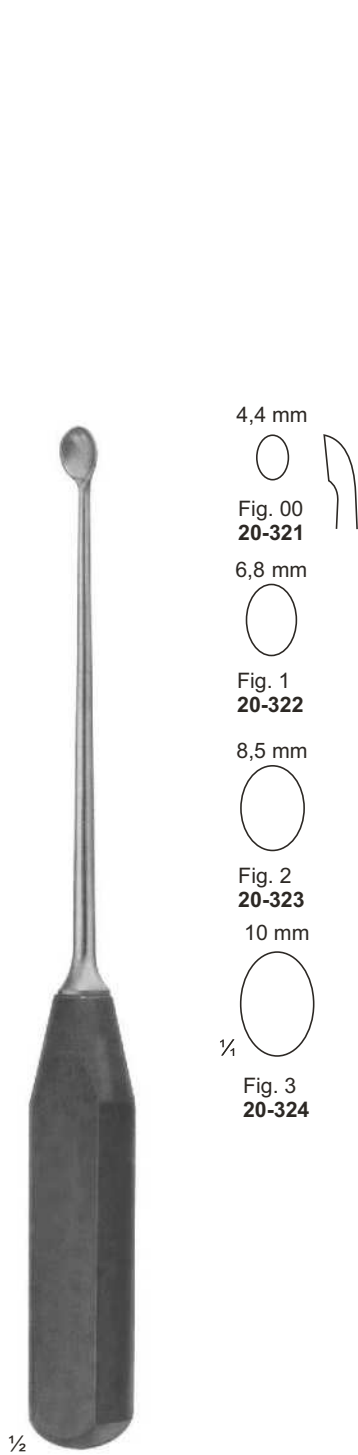
½
20-299 - 301
BUSHE
250 mm



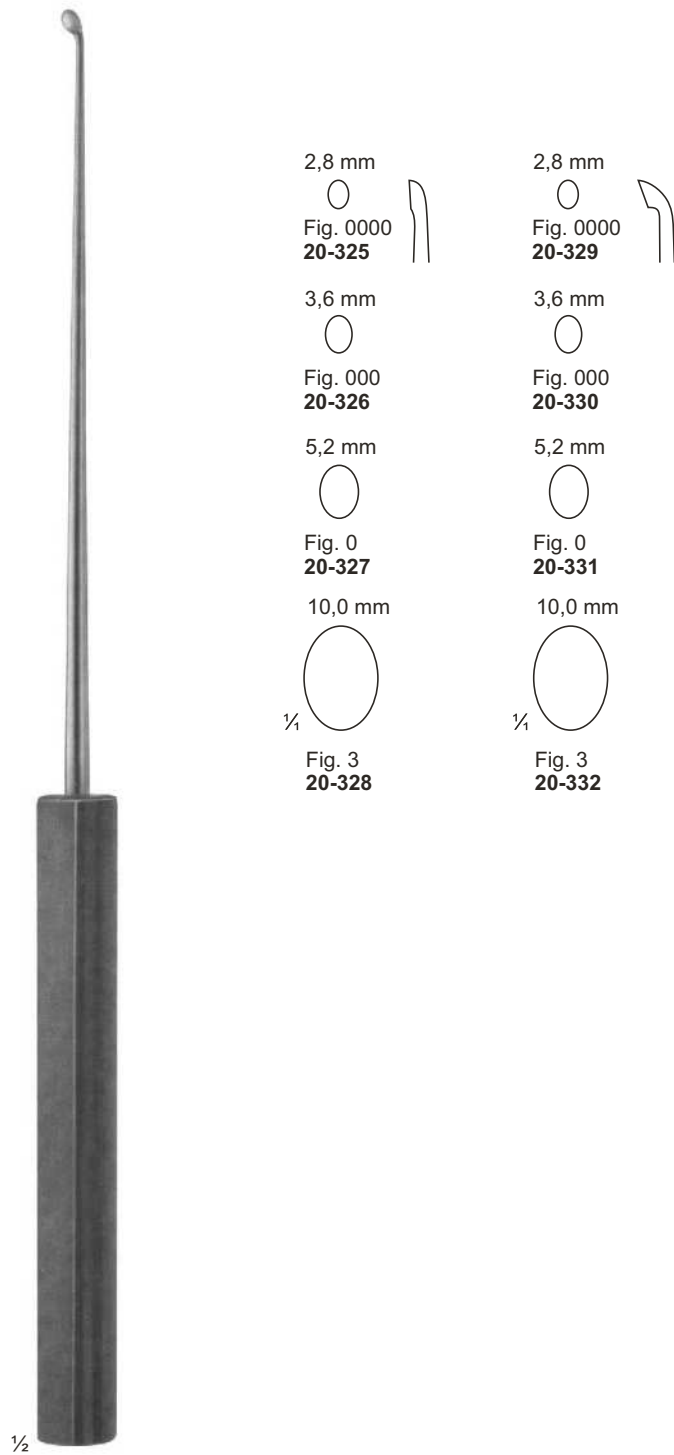
Bone Currettes



Bone Currettes



20-321 - 324
270 mm



20-325 - 332
SYPERT
380 mm



Mallets



Ø 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



Ø 25 mm

½

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



Ø 22 mm

½

21-106
165 g
lead filled head
190 mm

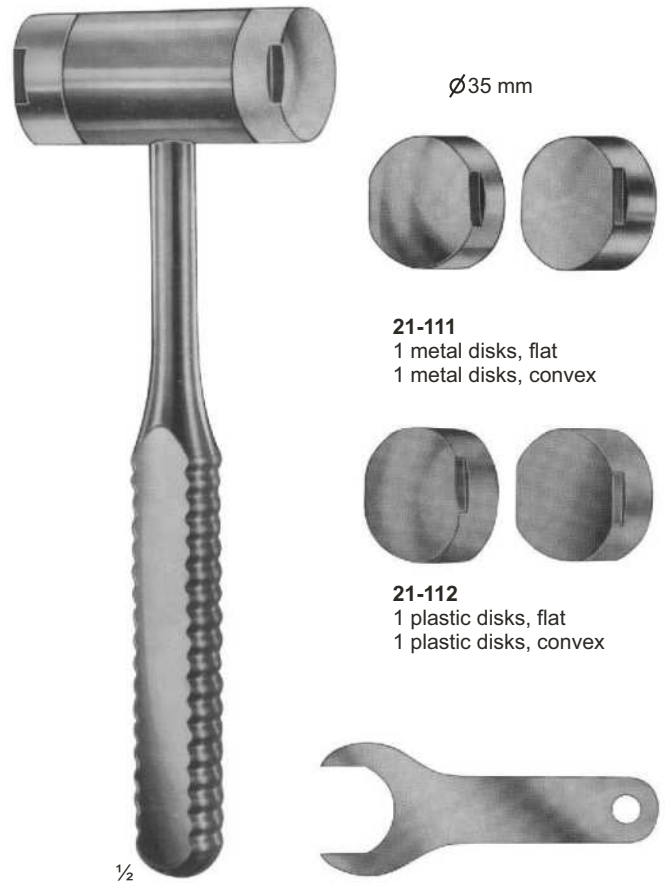
Mallets



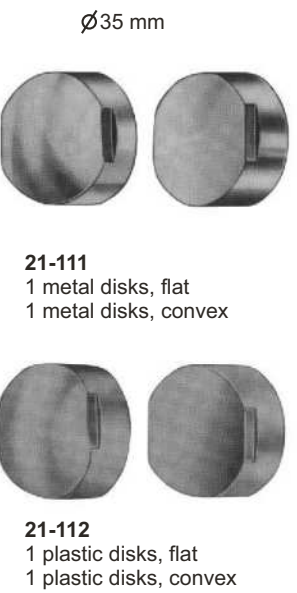
**21-107
HAJEK**
140 g
215 mm



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

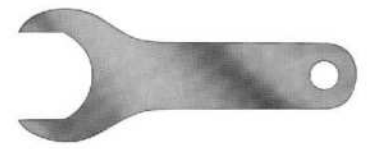


**21-110 - 113
WAGNER**
complete with:
1 pair of metal disks and
1 pair of plastic disks and
1 wrench 566
235 mm



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



Mallets



21-114
BERGMANN
245 mm



21-115
BERGMANN
235 mm

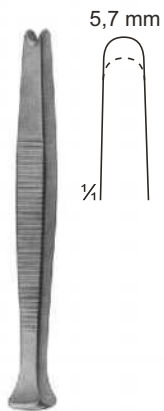


21-116
OMBREDANNE
240 mm



21-117
HEATH
copper filled head
700 g
185 mm

Tampers - Osteotomes, Chisels and Gouges



21-118
Haase
100 mm



21-119 - 120
PASSOW
120 mm



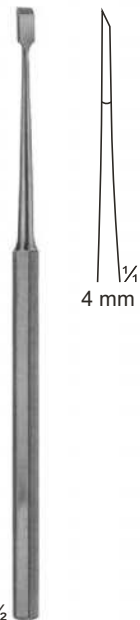
21-121 - 123
CASPER
200 mm



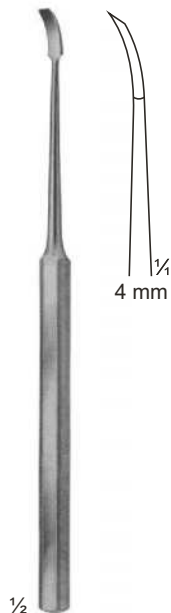
21-124 - 126
200 mm

- 21-121
ø3 mm
- 21-122
ø5 mm
- 1/4 21-123
ø8 mm

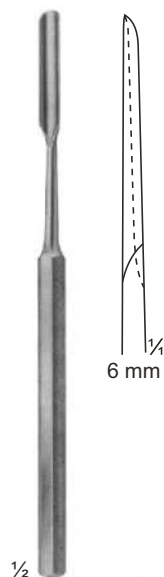
- 21-124
ø12 mm
- 21-125
ø14 mm
- 1/4 21-126
ø16 mm



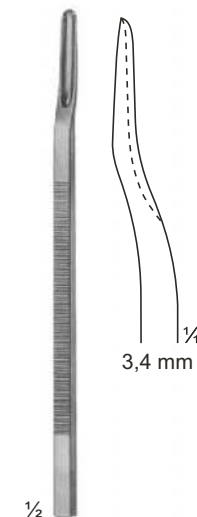
21-127
FREER
Chisel
160 mm



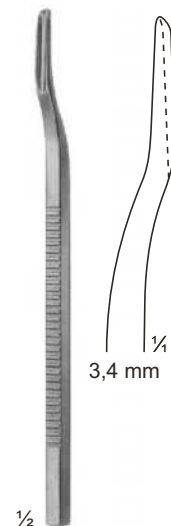
21-128
FREER
Chisel, curved
160 mm



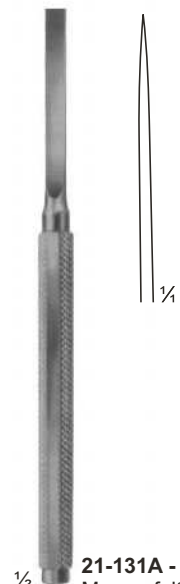
21-129
FREER
Gouge
150 mm



21-130
Scaphoid gouge,
downwards curved
135 mm

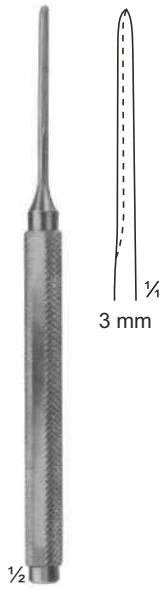


21-131
Scaphoid gouge,
upwards curved
135 mm

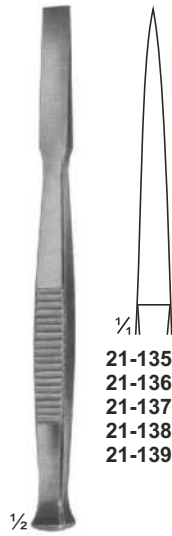


21-131A - 133
Mannerfelt
21-131A 4 mm
21-132 6 mm
21-133 8 mm
155 mm

Osteotomes Chisels and Gouges

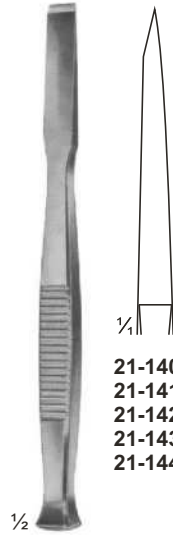


21-134
Mannerfelt
155 mm



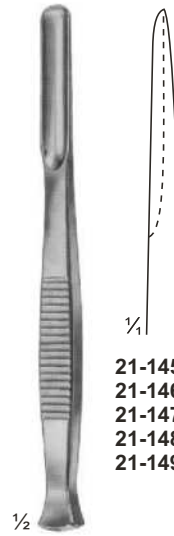
21-135 - 139
Osteotome
140 mm

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



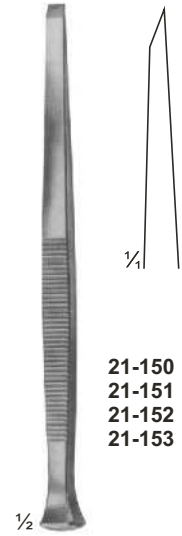
21-140 - 144
Chisels
140 mm

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



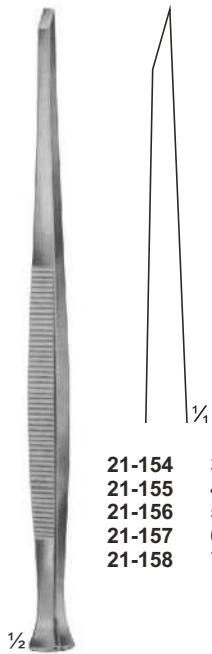
21-145 - 149
Gouges
140 mm

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



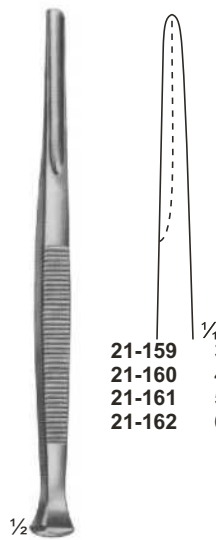
PARTSCH
21-150 - 153
Chisels
140 mm

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



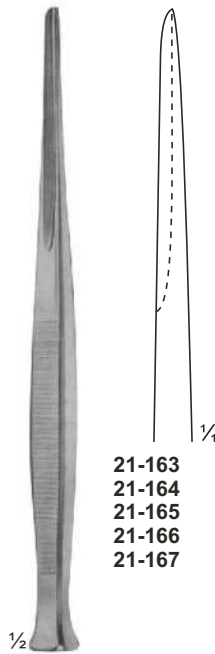
PARTSCH
21-154 - 158
Chisels
170 mm

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



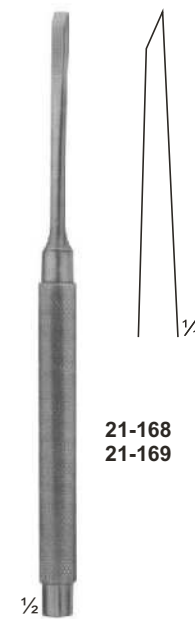
PARTSCH
21-159 - 162
Gouges
140 mm

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



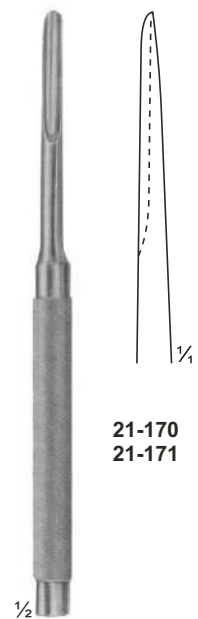
PARTSCH
21-163 - 167
Gouges
170 mm

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

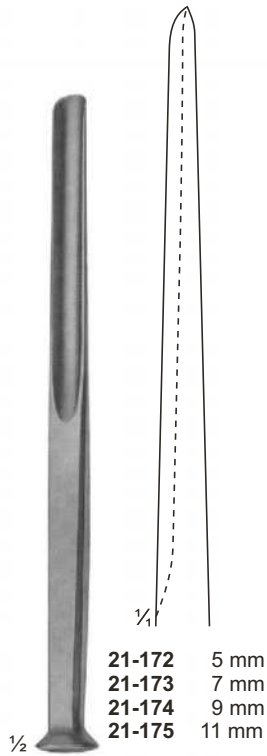
21-168 4 mm
21-169 6 mm



LUCAS
21-170 - 171
Gouges
160 mm

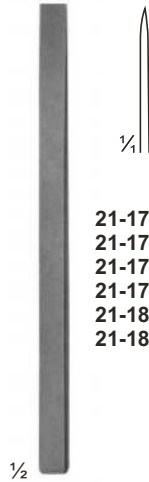
21-170 3 mm
21-171 5 mm

Osteotomes Chisels and Gouges



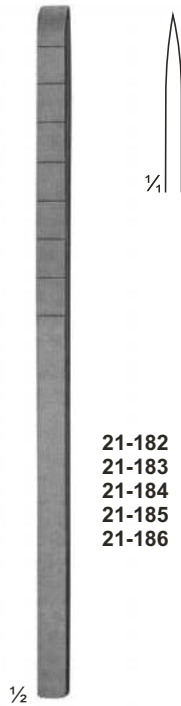
21-172 5 mm
21-173 7 mm
21-174 9 mm
21-175 11 mm

ALEXANDER
21-172 - 175
Gouges
170 mm



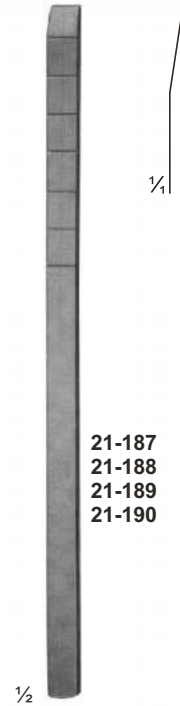
21-176 4 mm
21-177 6 mm
21-178 8 mm
21-179 10 mm
21-180 12 mm
21-181 15 mm

LAMBOTTE
21-176 - 181
Osteotome
125 mm



21-182 4 mm
21-183 6 mm
21-184 8 mm
21-185 10 mm
21-186 12 mm

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

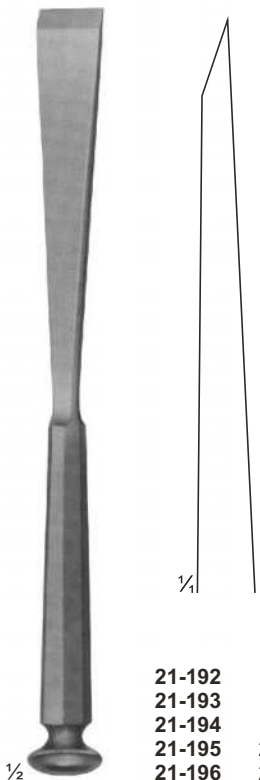


21-187 4 mm
21-188 7 mm
21-189 9 mm
21-190 12 mm

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

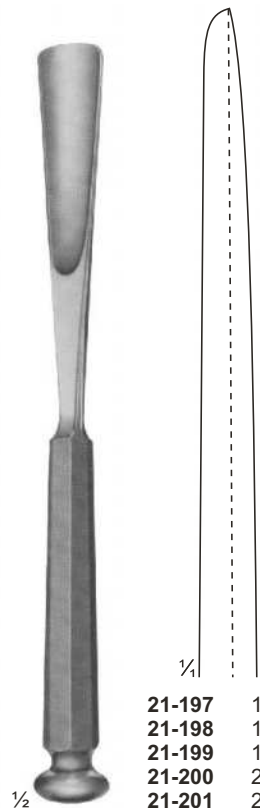


COTTLE
21-191
Fishtail Chisel,
with protected ends
180 mm



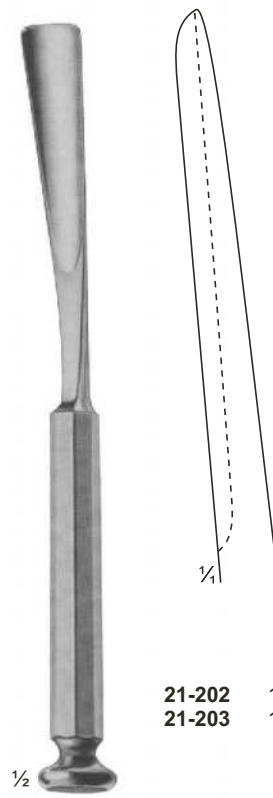
21-192 10 mm
21-193 12 mm
21-194 15 mm
21-195 20 mm
21-196 25 mm

STILLE
21-192 - 196
Chisels
205 mm



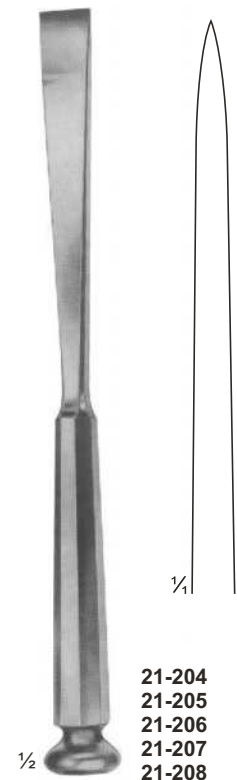
21-197 10 mm
21-198 12 mm
21-199 15 mm
21-200 20 mm
21-201 25 mm

STILLE
21-197 - 201
Gouges
205 mm



21-202 10 mm
21-203 15 mm

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

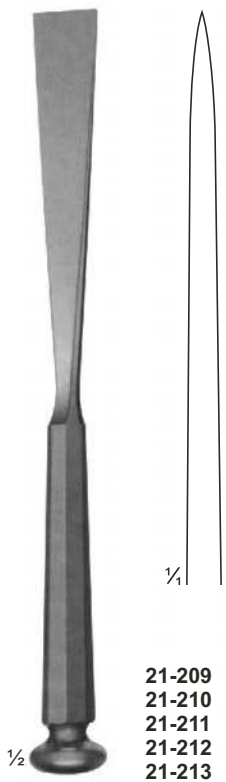


21-204 8 mm
21-205 12 mm
21-206 15 mm
21-207 20 mm
21-208 25 mm

STILLE
21-204 - 208
Osteotomes
205 mm

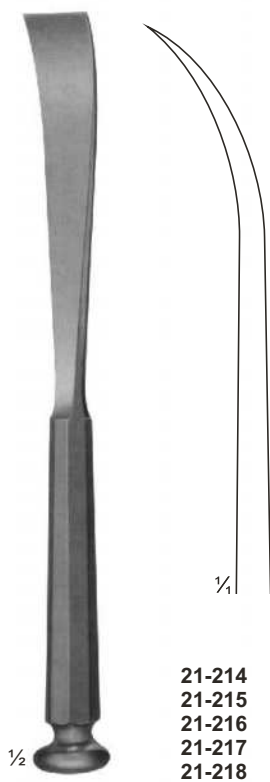


Osteotomes



- 21-209 10 mm
- 21-210 12 mm
- 21-211 15 mm
- 21-212 20 mm
- 21-213 25 mm

STILLE
21-209 - 213
Osteotomes
205 mm



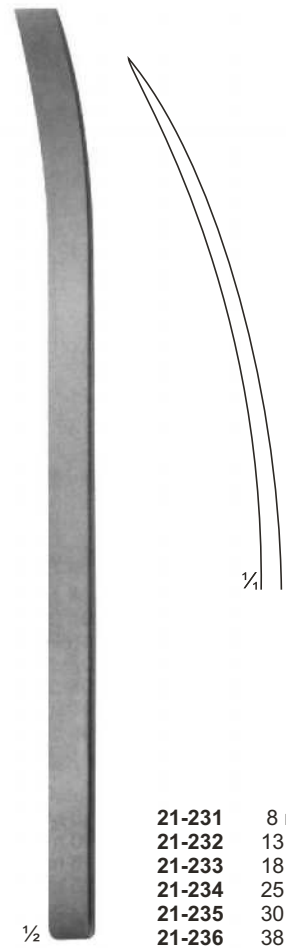
- 21-214 10 mm
- 21-215 12 mm
- 21-216 15 mm
- 21-217 20 mm
- 21-218 25 mm

STILLE
21-214 - 218
Osteotomes, curved
205 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

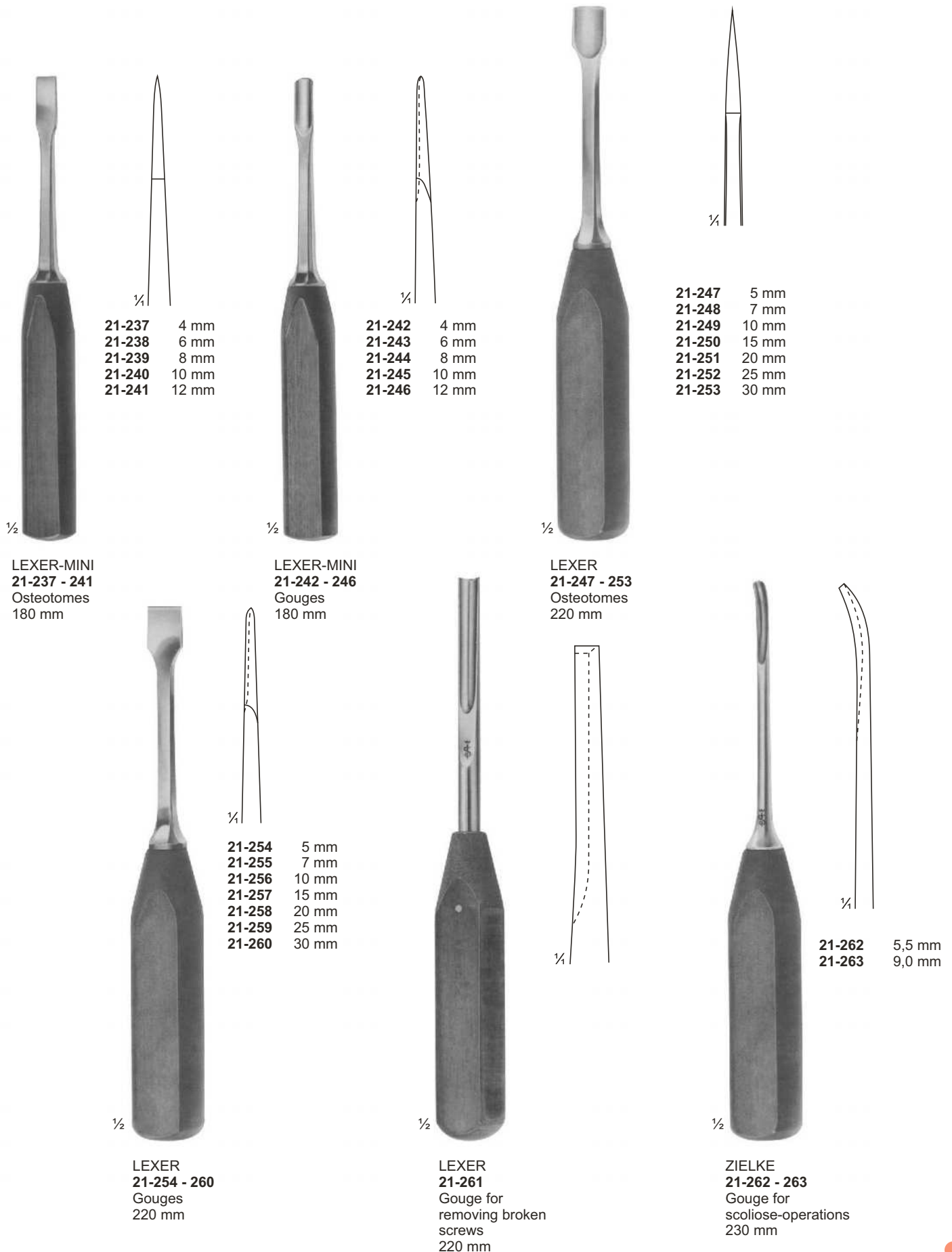
LAMBOTTE
21-219 - 230
Osteotomes
245 mm



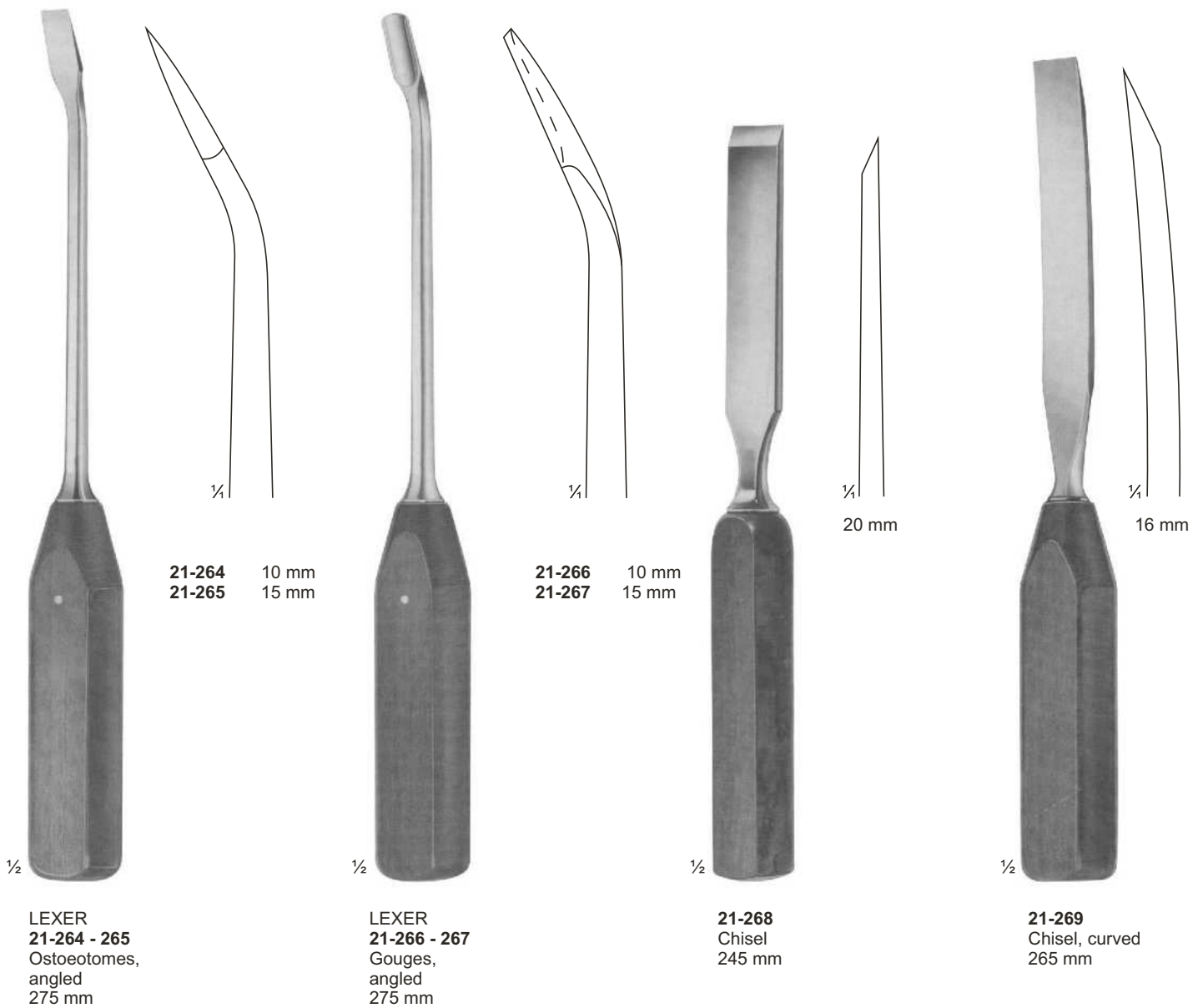
- 21-231 8 mm
- 21-232 13 mm
- 21-233 18 mm
- 21-234 25 mm
- 21-235 30 mm
- 21-236 38 mm

LAMBOTTE
21-231 - 236
Osteotomes, curved
245 mm

Osteotomes, Chisels and Gouges with HARTPRESS -handle



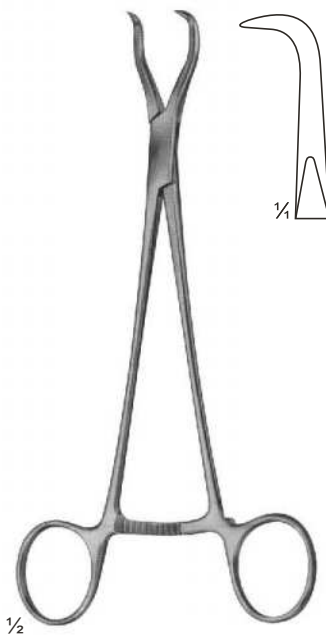
Osteotomes, Chisels and Gouges with HARTPRESS -handle



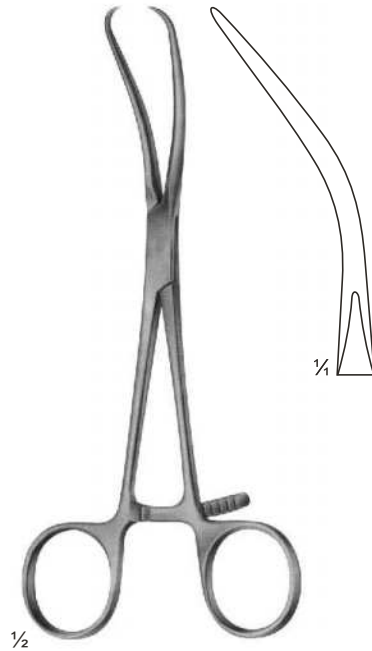
Reposition Forceps



22-101
Reposition forceps,
for small fragments
135 mm



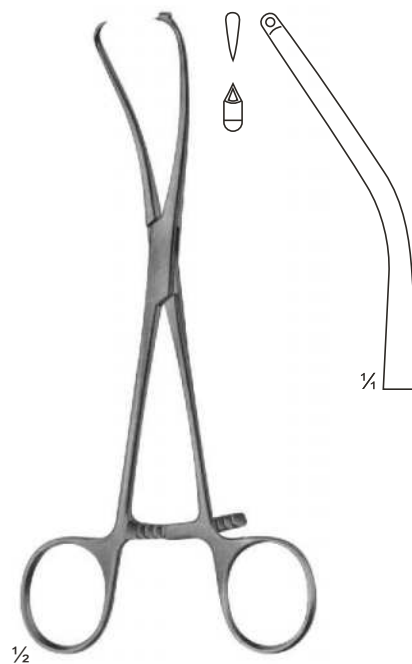
HAASE
22-102
Reposition forceps,
for mandibular
fractures
165 mm



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



Reposition Forceps, Bone Holding Forceps



22-106
Patella forceps
185 mm



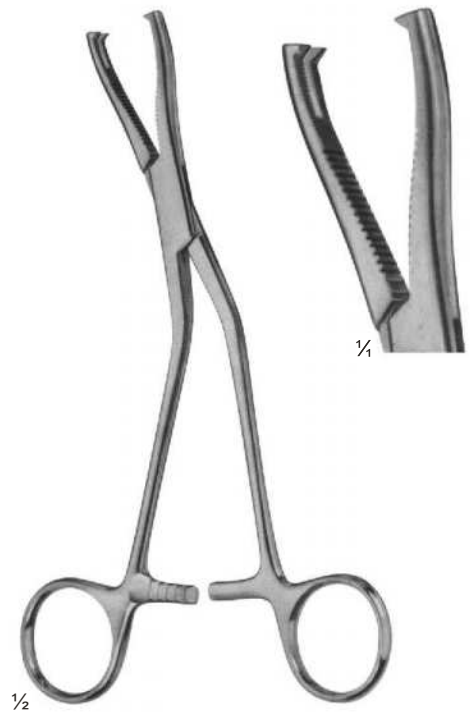
22-107
Forceps with
ratchet fixation
140 mm



22-108
Forceps with
thread fixation
170 mm



22-109
Forceps with
thread fixation
235 mm



22-110
DINGMANN
185 mm

Bone Holding Forceps



22-111
Sequestrum
forceps
200 mm



Laterally
curved

22-112
VAN BUREN
Sequestrum
forceps
225 mm



11 mm

1/4

22-113
LANGENBECK
Sequestrum
forceps
205 mm



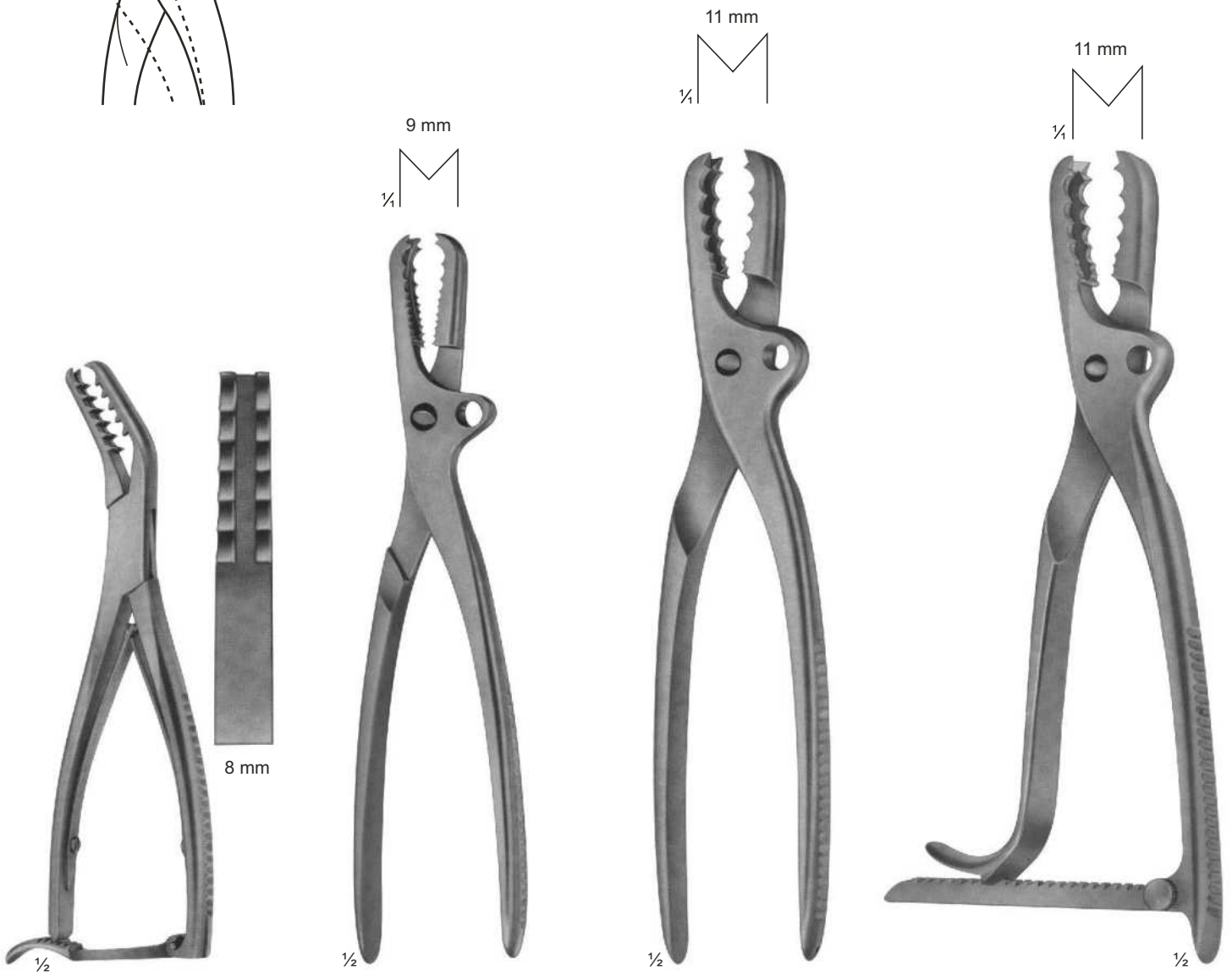
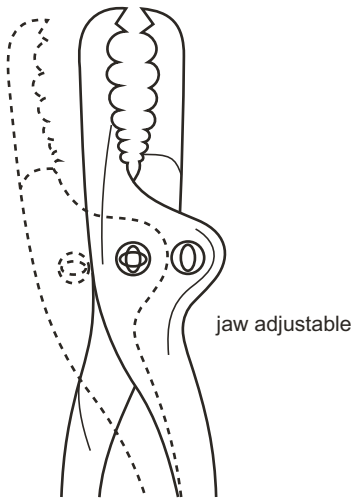
12 mm

1/4

22-114
FERGUSSON
Sequestrum
forceps
205 mm



Bone Holding Forceps



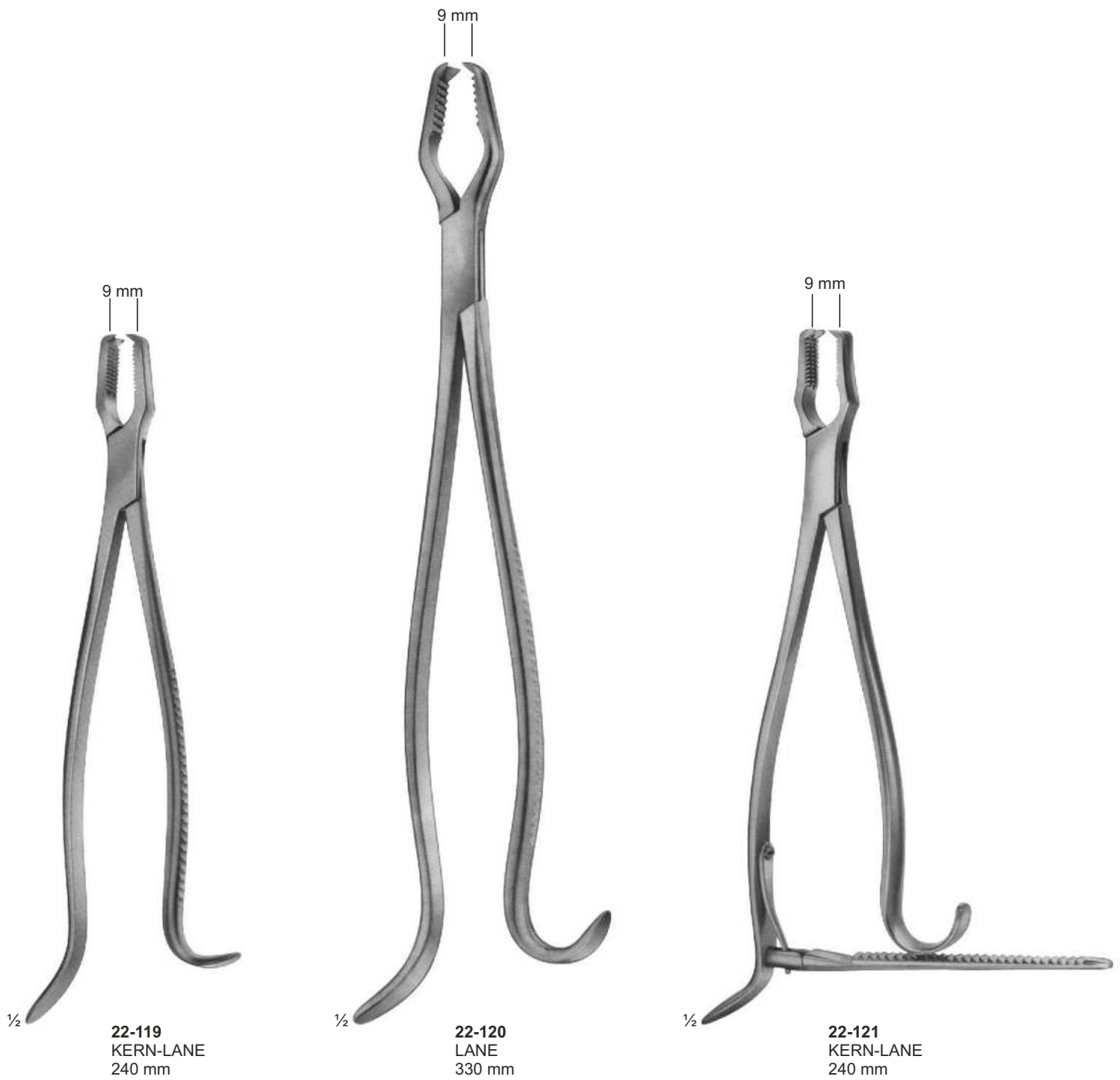
22-115
SEMB
190 mm

22-116
FARABEU
230 mm

22-117
FARABEU
255 mm

22-118
FARABEU-LAMBOTTE
255 mm

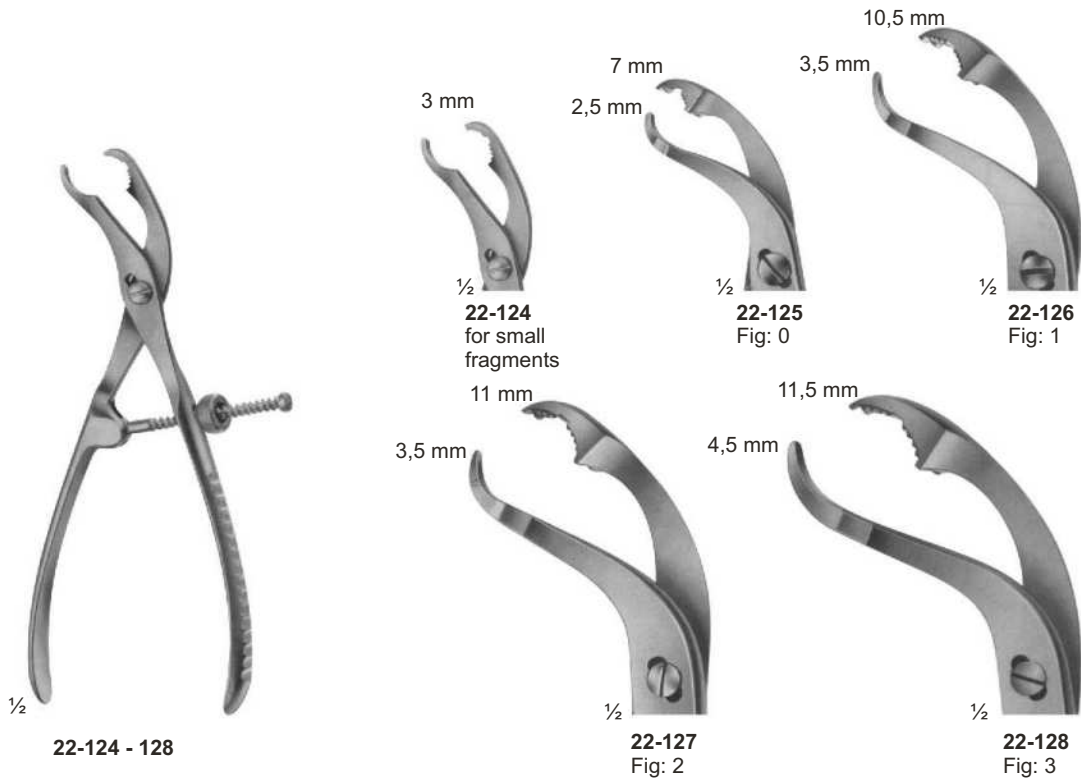
Bone Holding Forceps



Bone Holding Forceps



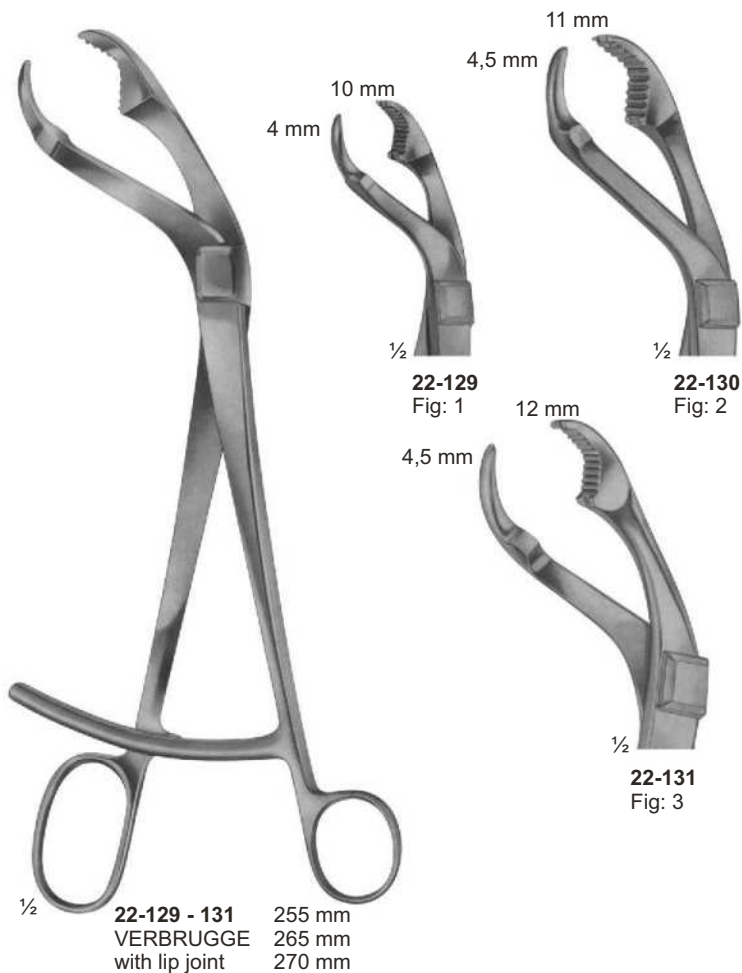
Bone Holding Forceps



22-124 - 128

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

Self-centering forceps with thread fixation



22-129 - 131
VERBRUGGE
with lip joint

- 255 mm
- 265 mm
- 270 mm



22-132
LAMBOTTE
265 mm



Bone Clamps



½
22-133 - 134
LOWMAN
22-133 170 mm
22-134 205 mm



½
22-135
LOWMAN-GERSTER
210 mm

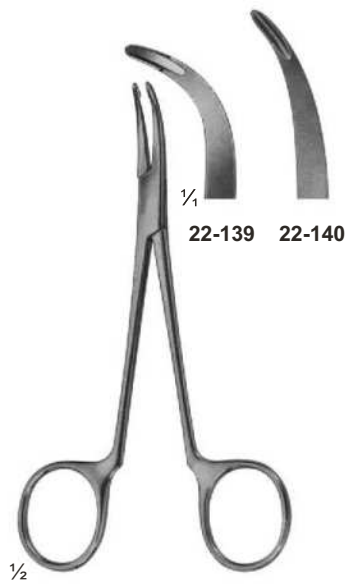


½
22-136
LOWMAN-HOGLUND
175 mm

Synovectomy-Rongeurs, Bone Rongeurs



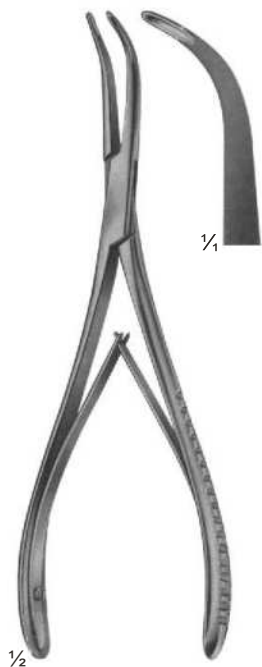
22-137 - 138
Synovectomy rongeur
width of jaws 1.2 mm
130 mm



22-139 - 140
Synovectomy rongeur
width of jaws 2.0 mm
130 mm



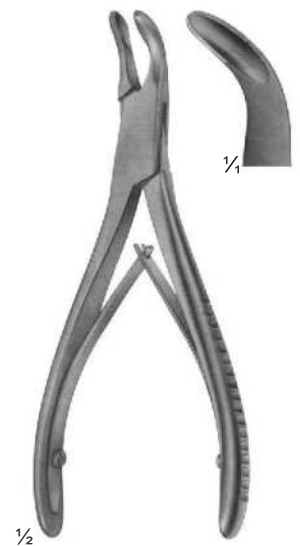
22-141
STELLBRINK
Synovectomy rongeur
175 mm



22-142
STELLBRINK
Synovectomy rongeur
170 mm



22-143
LURE-FRIEDMANN
145 mm



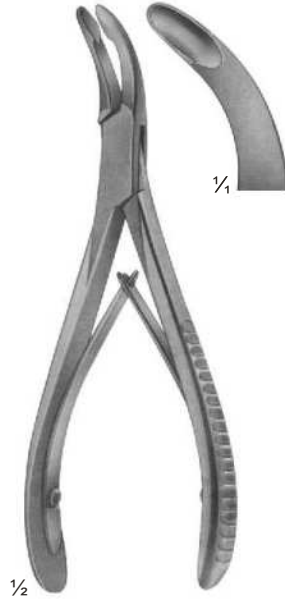
22-144
140 mm



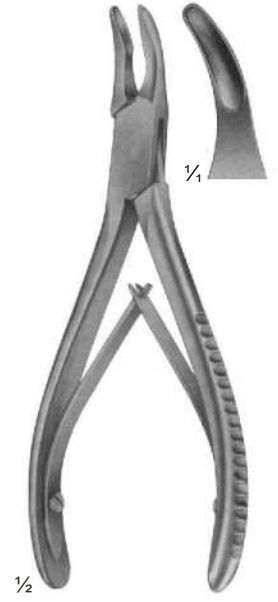
Bone Rongeurs



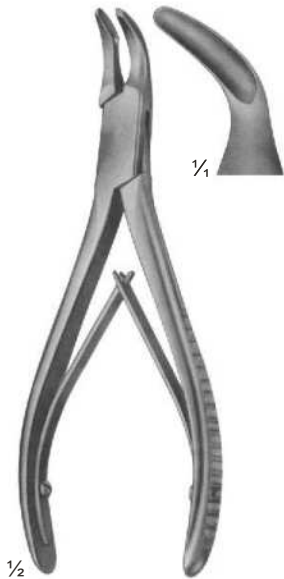
22-145
LURE
150 mm



22-146
LURE
155 mm



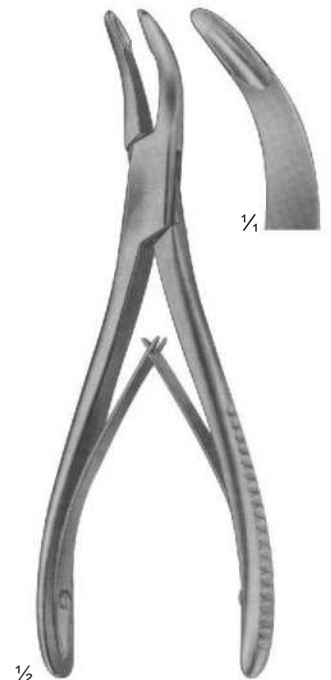
22-147
BLUMENTHAL
155 mm



22-148
BLUMENTHAL
150 mm

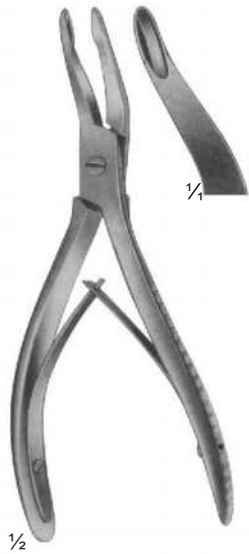


22-149 - 150
JANSEN
175 mm

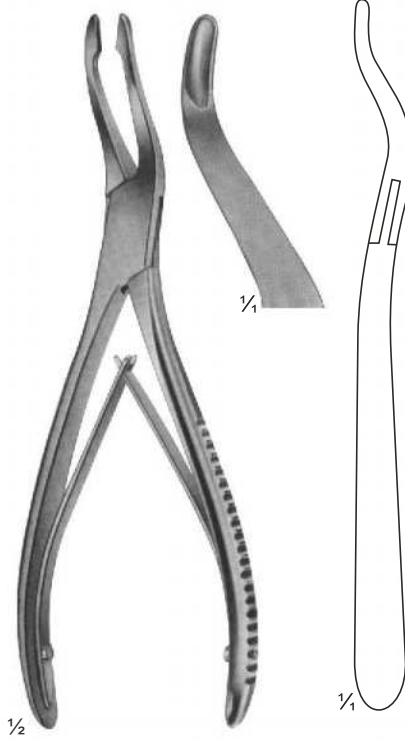


22-151
BANE-HARTMANN
175 mm

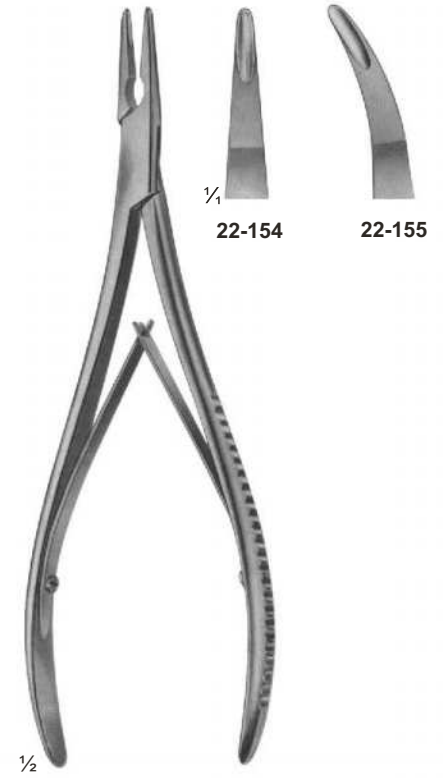
Bone Rongeurs



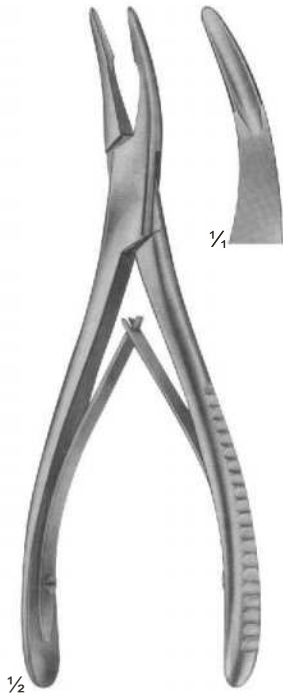
**22-152
ALEXANDER**
140 mm



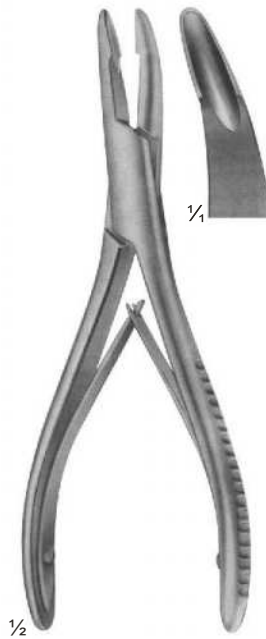
**22-153
JANSEN**
190 mm



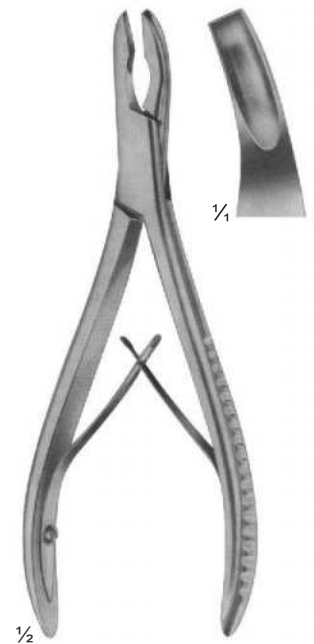
**22-154 - 155
LEMPERT**
200 mm



**22-156
BEYER**
180 mm



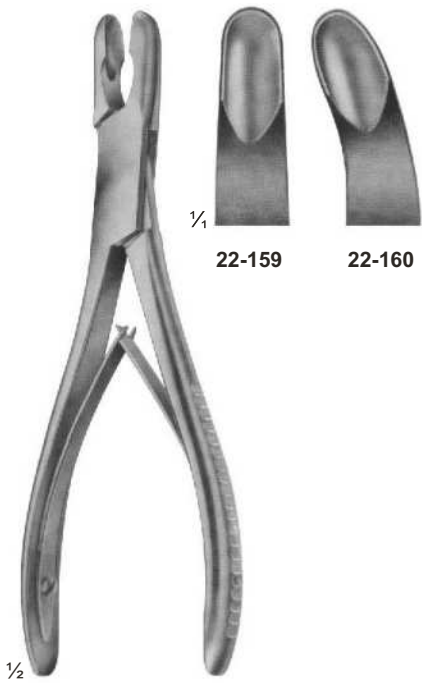
**22-157
MEAD**
165 mm



**22-158
MEAD**
165 mm

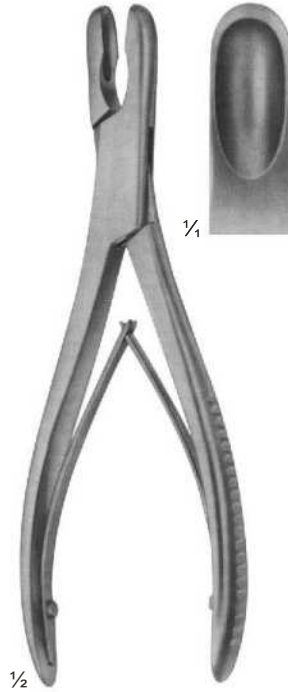


Bone Rongeurs

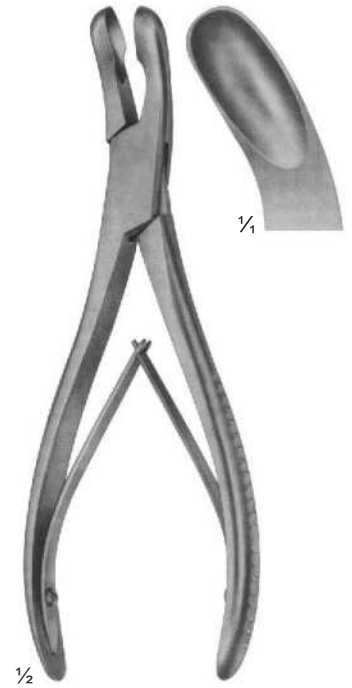


22-159 22-160

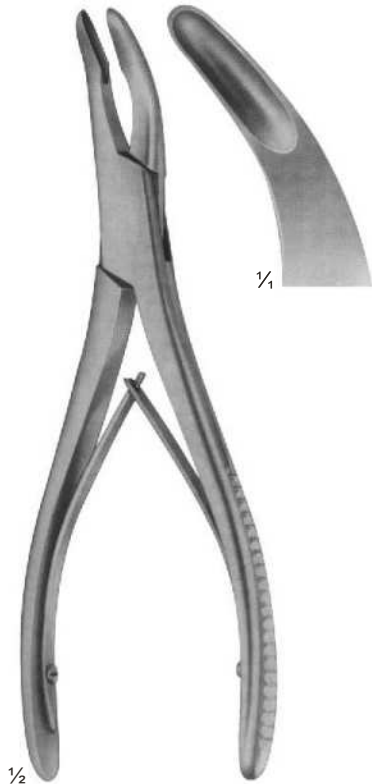
22-159 - 160
LURE
175 mm



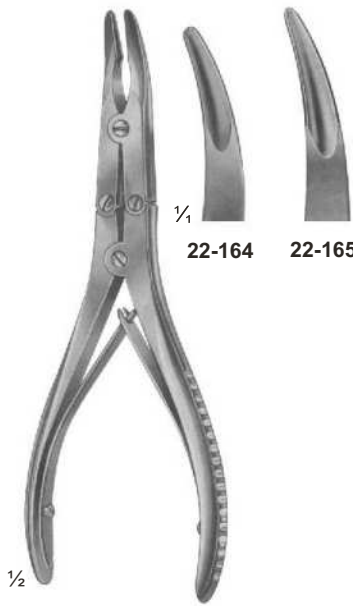
22-161
LURE
180 mm



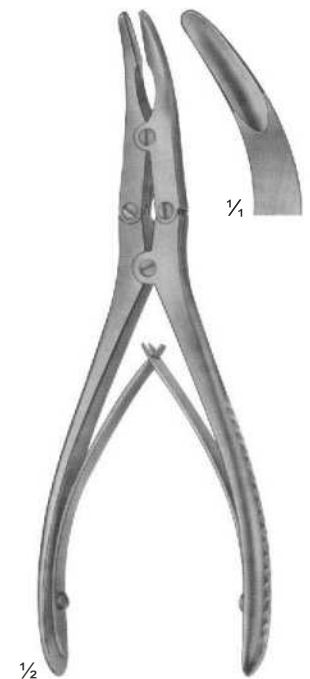
22-162
LURE
180 mm



22-163
OLIVECRONA
205 mm

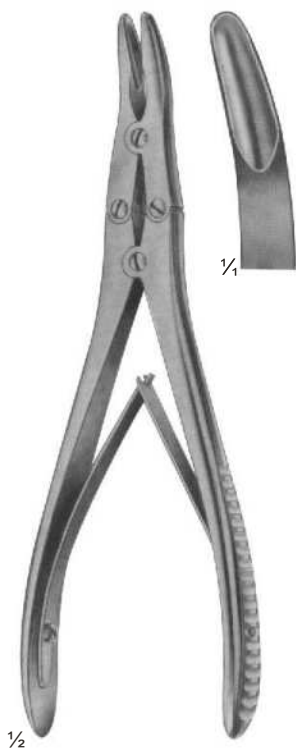


22-164 - 165
BOHLER
155 mm



22-166
MARQUARTD
200 mm

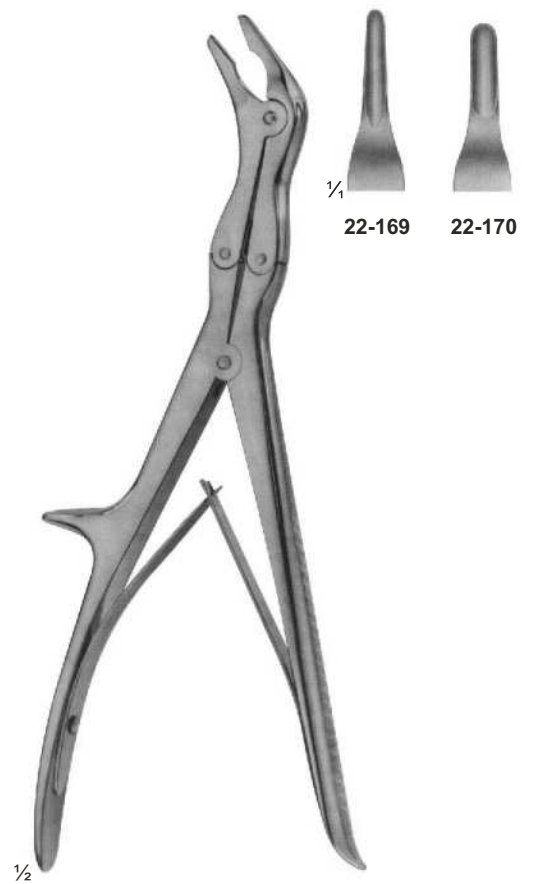
Bone Rongeurs



**22-167
RUSKIN
190 mm**



**22-168
ROTTGEN-RUSKIN
240 mm**



**22-169 - 170
ECHLIN
230 mm**



Bone Rongeurs



22-171
STILLE
235 mm



22-172
LEKSELL-STILLE
240mm



22-173
STILLE-RUSKIN
240mm

Bone Rongeurs



22-174
LURE-STILLE
225 mm



22-175
LURE-STILLE
225 mm



Vena-Cava Clamps



17-233 - 235
DE BAKAY
205 mm, 225 mm, 240 mm



17-233
41 mm

17-234
65 mm

17-235
80 mm



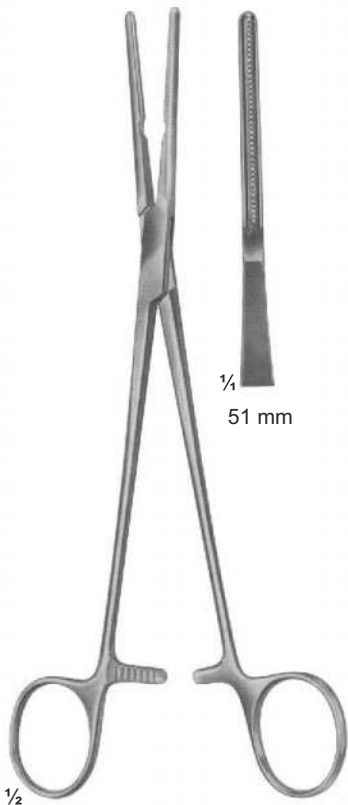
17-236 - 238
DE BAKAY
200 mm, 225 mm, 240 mm



17-236
41 mm

17-237
65 mm

17-238
80 mm



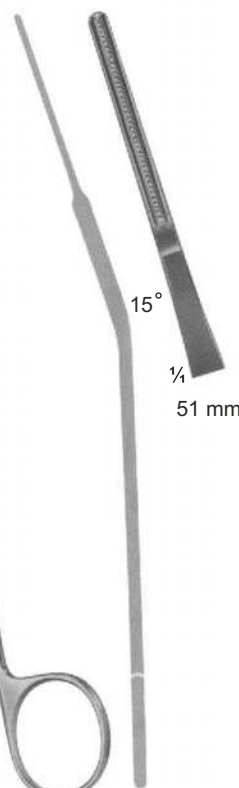
17-239
DE BAKAY
210 mm



1/4
51 mm



17-240
DE BAKAY
210 mm



15°
1/4
51 mm

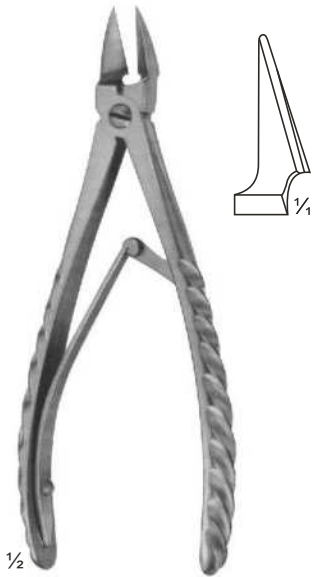


17-241
DE BAKAY
160 mm



1/4
56 mm

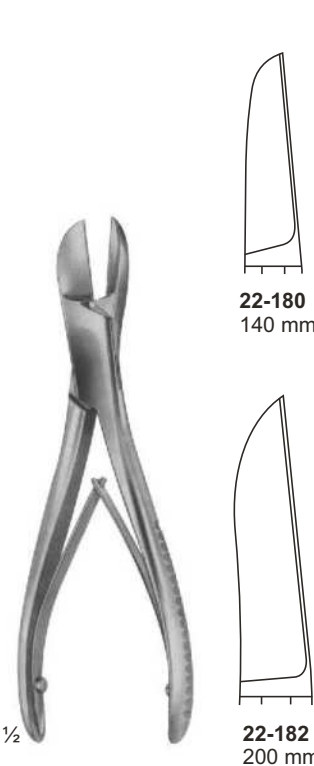
Bone Cutting Forceps



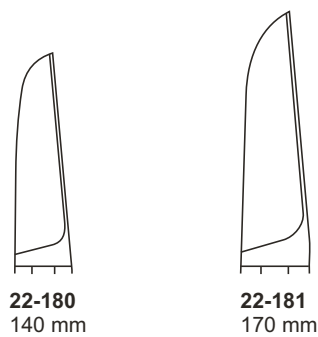
**22-178
STAMM
150 mm**



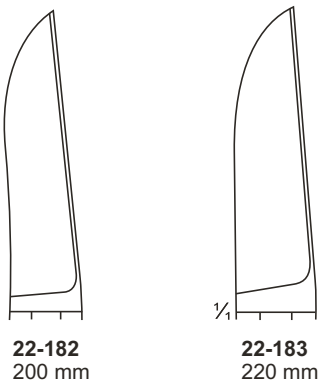
**22-179
KAZANJIAN
185 mm**



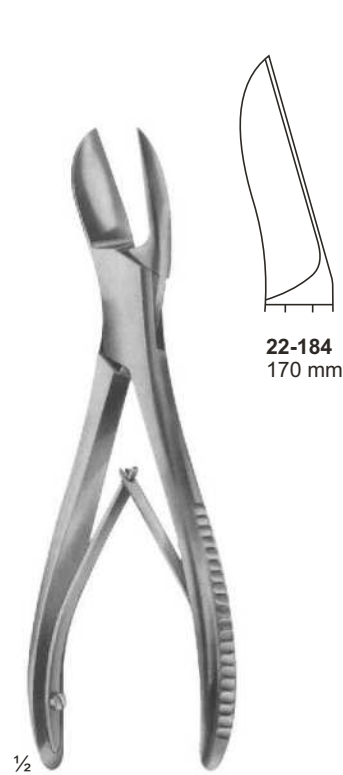
**22-180 - 183
LISTON**



**22-181
170 mm**



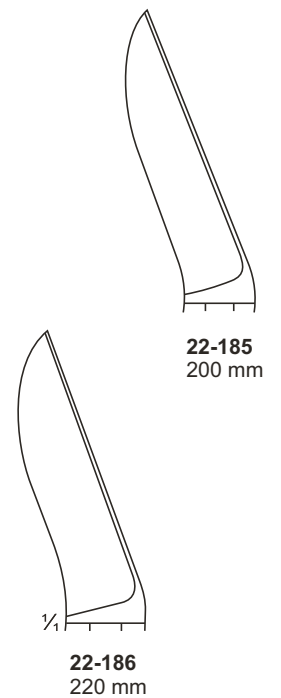
**22-183
220 mm**



**22-184 - 186
LISTON**



**22-184
170 mm**



**22-185
200 mm**



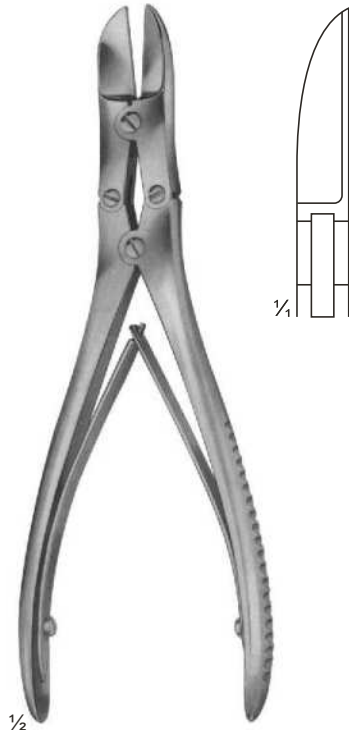
**22-186
220 mm**



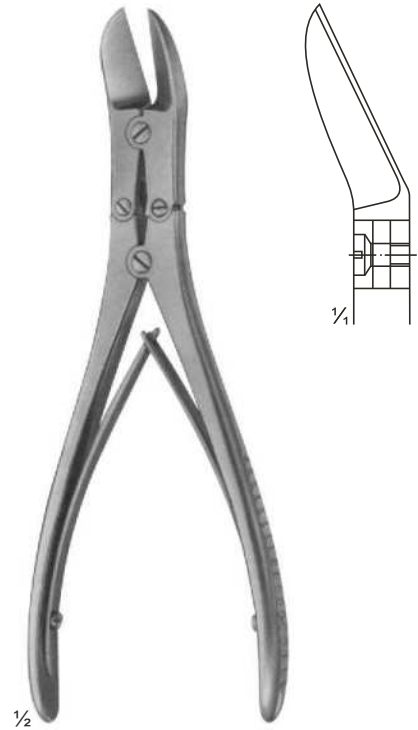
Bone Cutting Forceps



22-187
BOHLER
145 mm

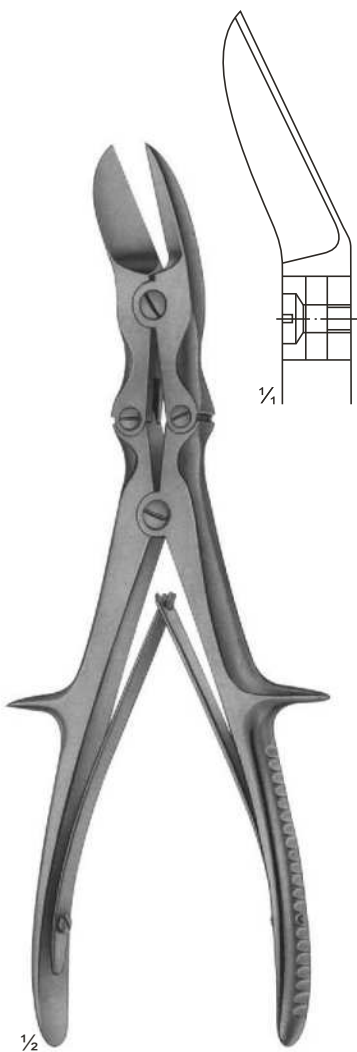


22-188
RUSKIN-LISTON
190 mm

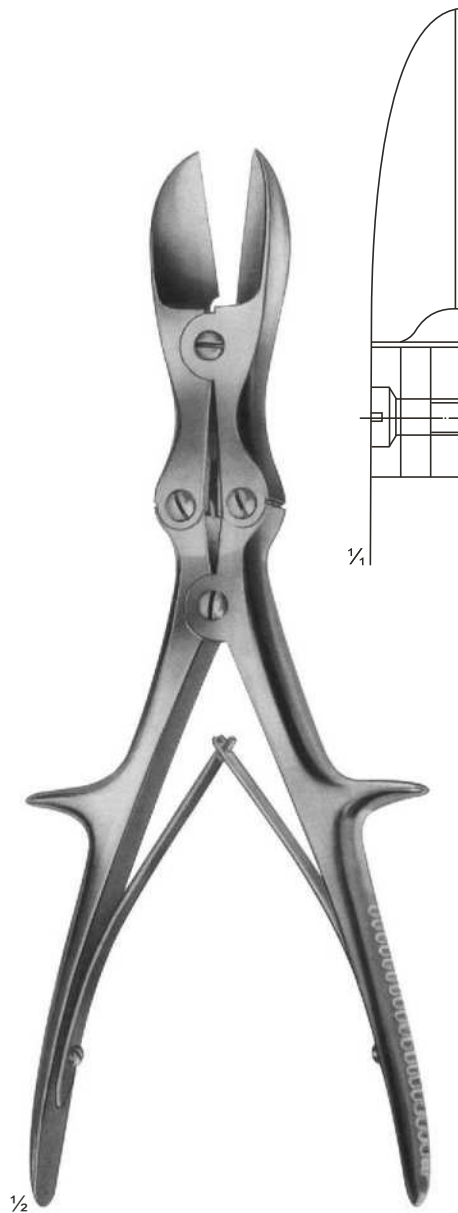


22-189
RUSKIN-LISTON
190 mm

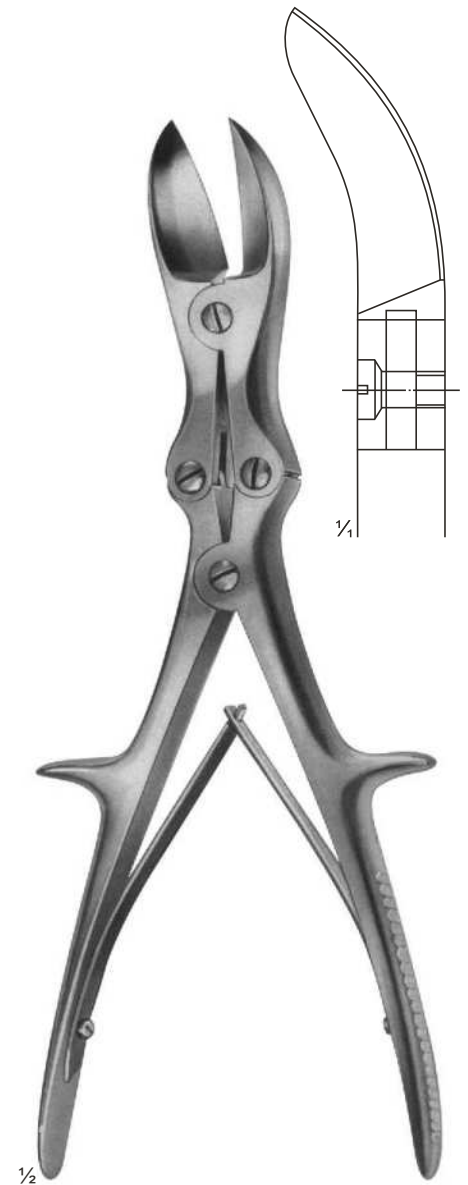
Bone Cutting Forceps



22-190
LISTON
curved on flat
240 mm



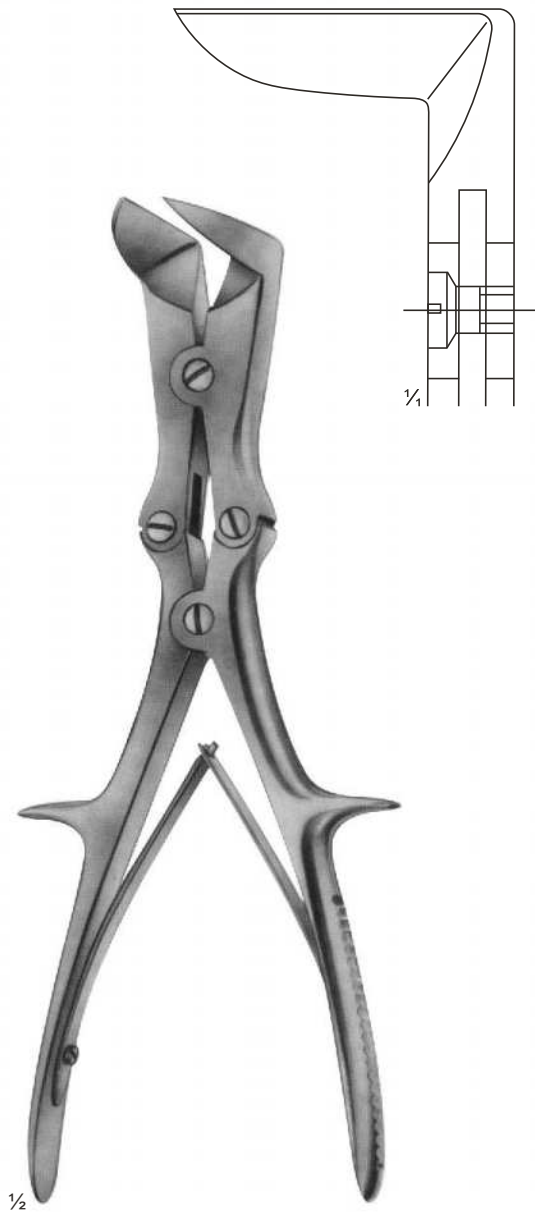
22-191
LISTON
straight
280 mm



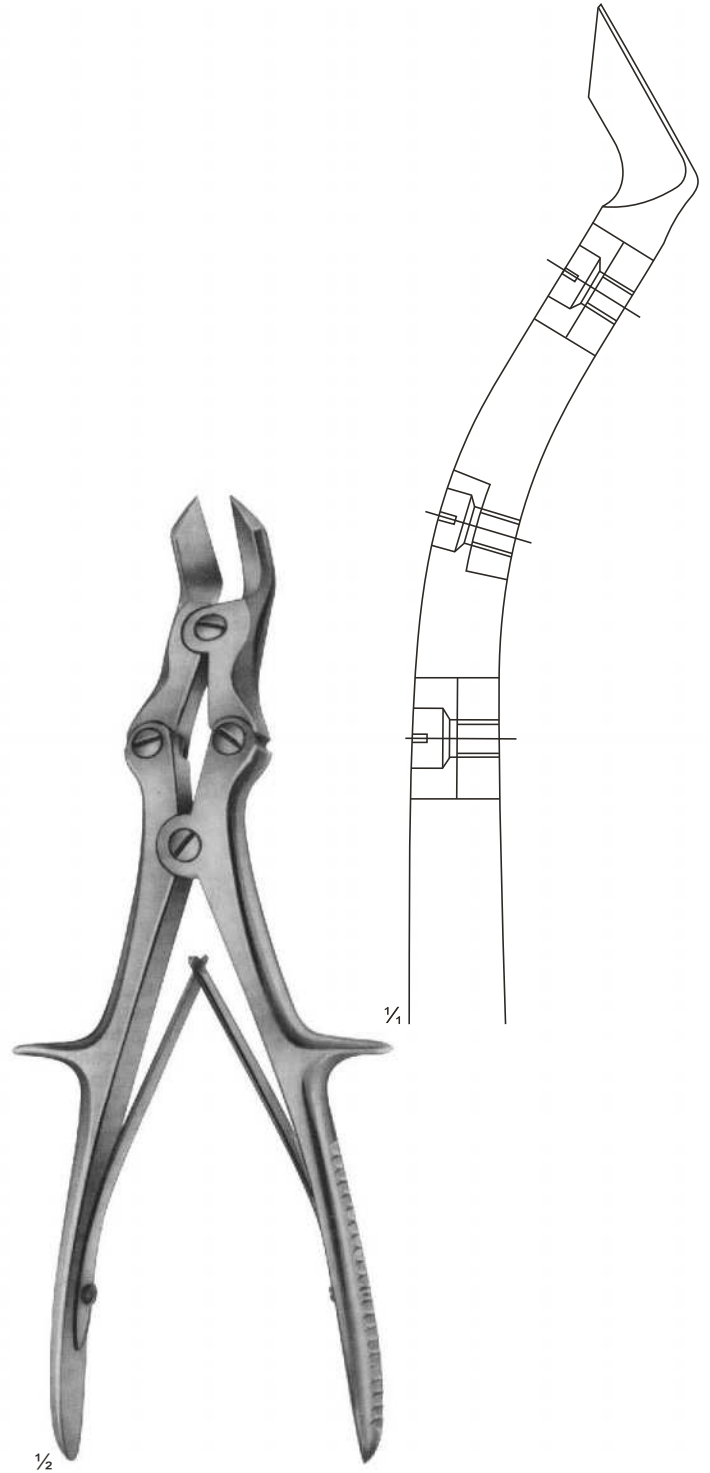
22-192
LISTON
curved on flat
280 mm



Bone Cutting Forceps



22-193
LISTON-STILLE
265 mm



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

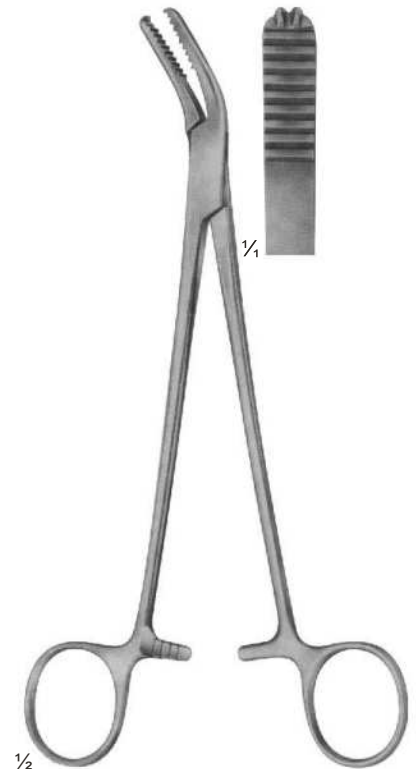
Meniscus-and Cartilage Forceps



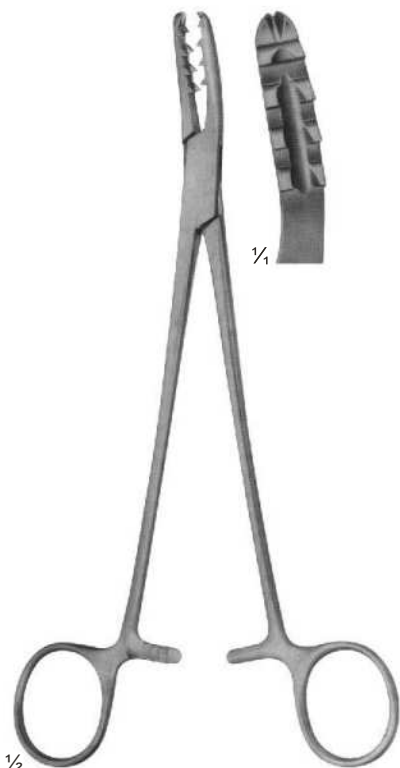
1/2
**22-195
BIRCHER
200 mm**



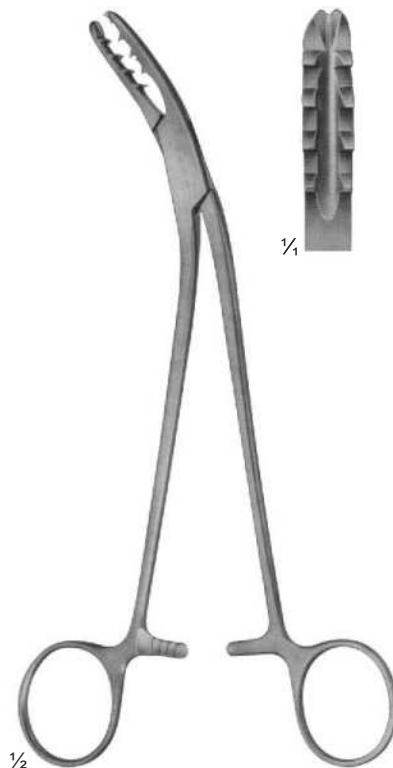
1/2
**22-196
BIRCHER
200 mm**



1/2
**22-197
WELLER
200 mm**



1/2
**22-198
BIRCHER-GANSKE
200 mm**



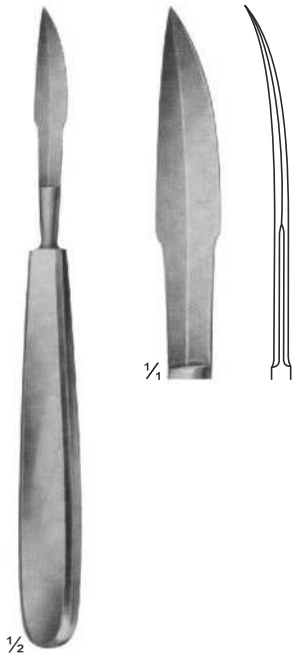
1/2
**22-199
BIRCHER-GANSKE
200 mm**



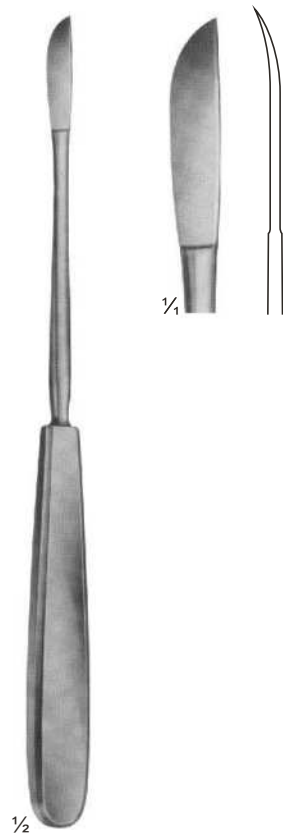
1/2
**22-200
MARTIN
205 mm**



Meniscus Knives



22-201
170 mm



22-202
NEFF
215 mm

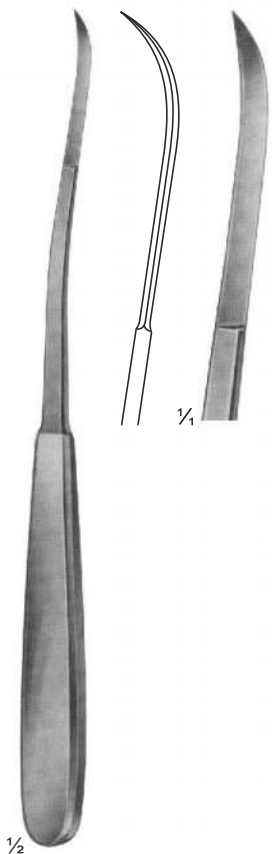


22-203
NEFF
215 mm

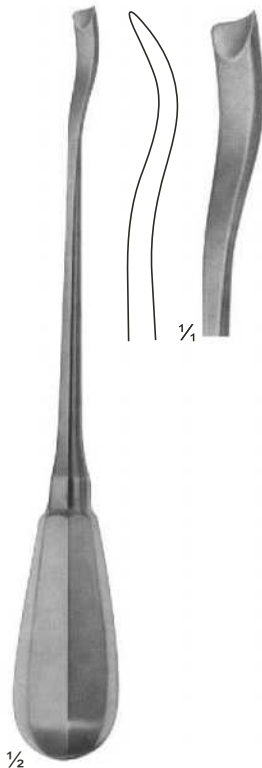


22-204
WAGNER
215 mm

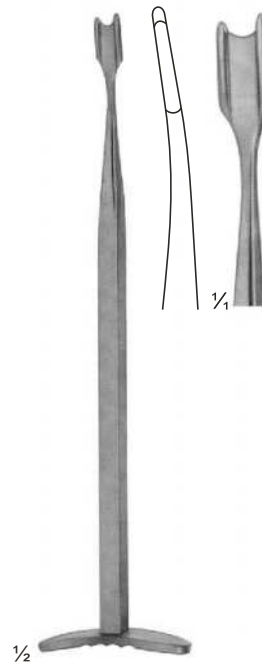
Meniscus Knives



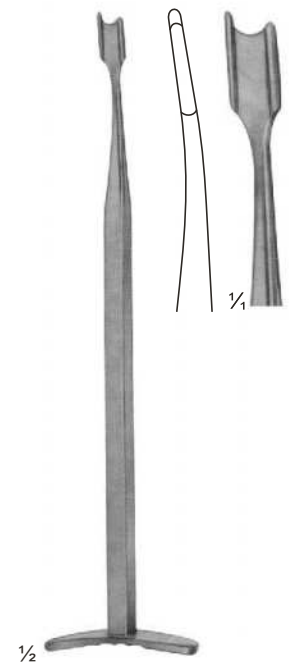
22-205
SALENIUS
220 mm



22-206
CHNAD.MODELL
200 mm



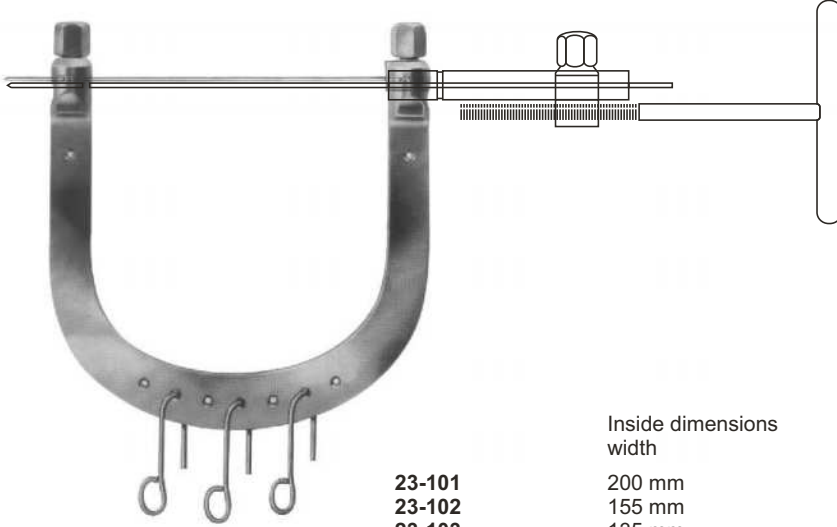
22-207
SMILLIE
170 mm



22-208
SMILLIE
170 mm



Wire Extension



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

200 mm
155 mm
135 mm
120 mm
105 mm
95 mm
95 mm

depth

155 mm
155 mm
130 mm
120 mm
100 mm
110 mm
70 mm



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



23-109
Wire tightener, with
clamping jaws



1/3

23-110
Traction hook only,
large size



1/3

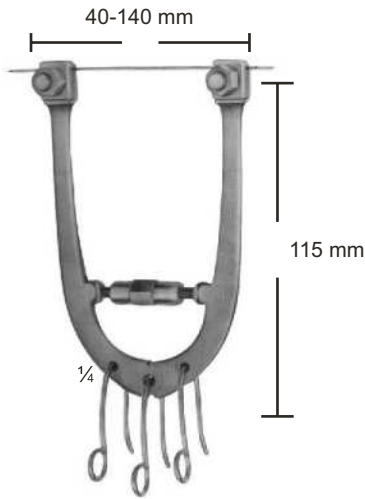
23-111
Traction hook only,
small size



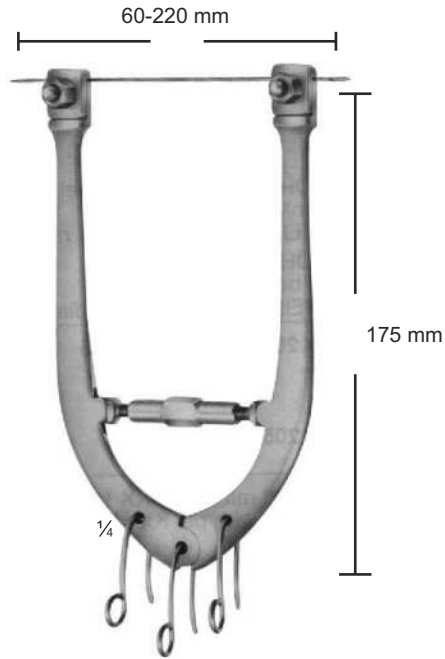
1/3

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

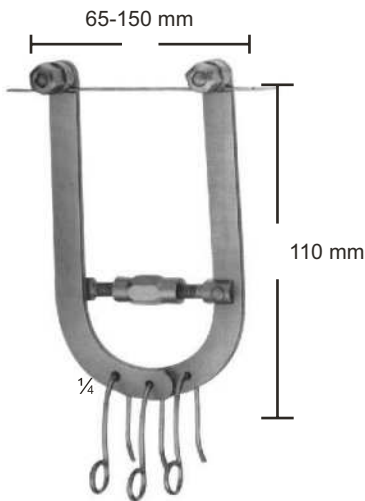
Wire Extension



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



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

Traction Bows, Distractor

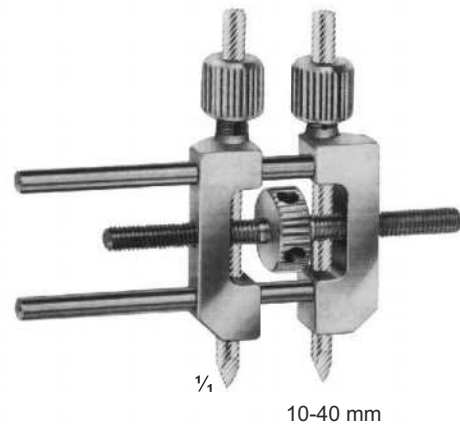


23-123 - 130
Screw driver, for above
fixations discs

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.

STEINMANN Pins



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



1/4

23-148
 Protection cap
 for 4,0 mm STEINMANN Pins



1/4

23-149
 Protection cap
 for 5,0 mm STEINMANN Pins



Drilling Chucks



1/2

23-150
REILL
Drilling chuck, cannulated, for shanks from 2.0 - 2.5 mm diam 115 mm



1/2

23-151
Drilling chuck, cannulated, for shanks from 0.8 - 2.0 mm diam 150 mm



1/2

23-152
Drilling chuck, cannulated, for shanks up to 4.5 mm diam with key 140 mm



1/2

23-153
LOUTE
Wire tightener, improved pattern, with movable tip, for wires up to 1.0 mm diam. 220 mm



1/2

23-154
Drilling chuck, cannulated, for shanks up to 6.35 mm diam., To be tightened by hand 100 mm



1/2

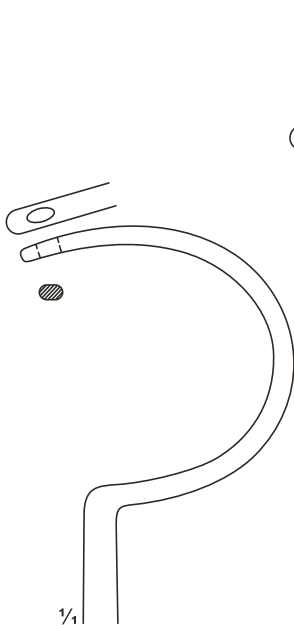
23-155
Drilling chuck, cannulated, for shanks up to 4.5 mm diam., And for triangular shaft width across flats 4.7 mm



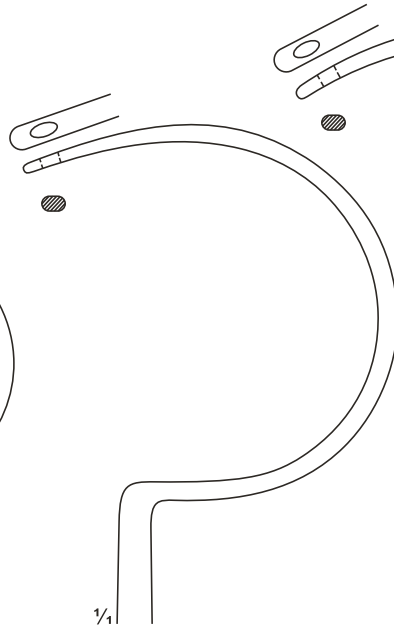
1/2

23-156
Drilling chuck, cannulated, for shanks up to 6.35 mm diam., With key 160 mm

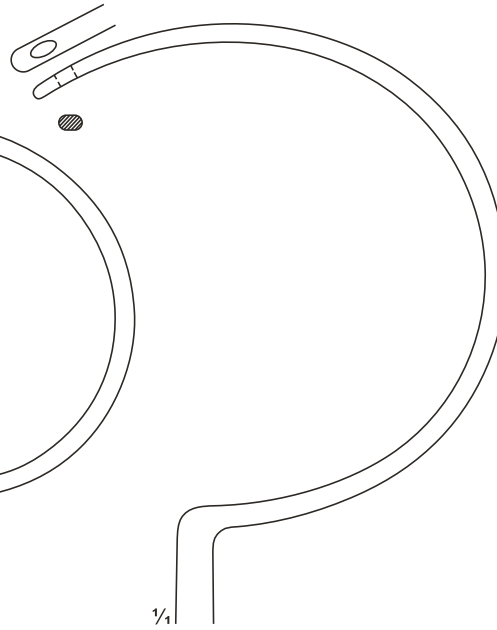
Cerclage Instruments



23-157
275 mm



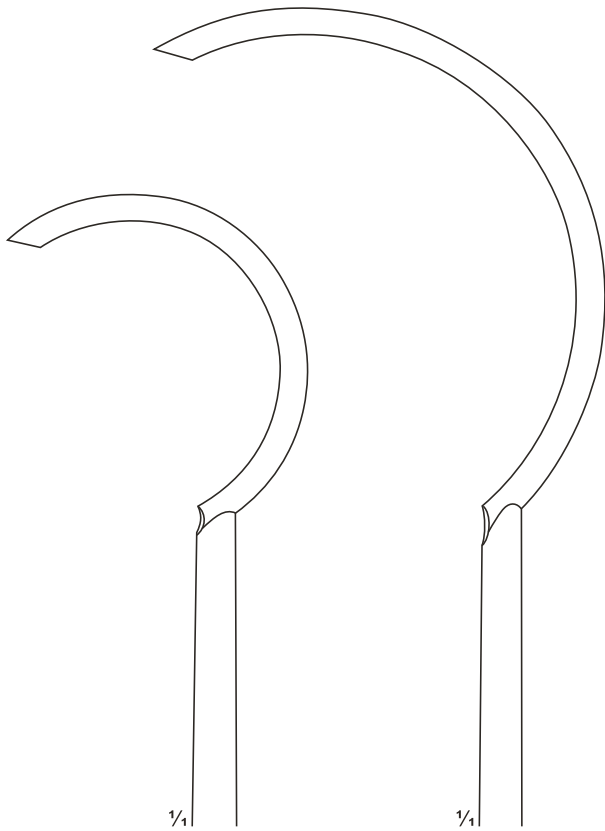
23-158
285 mm



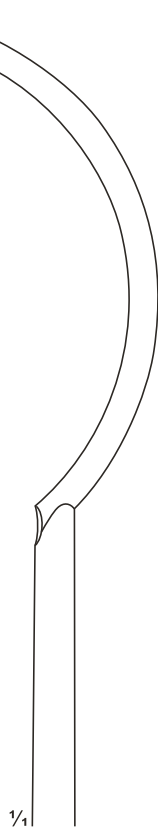
23-159
305 mm



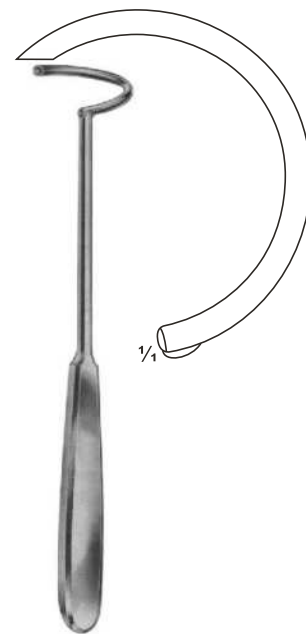
23-157 - 159
DEMEL
Wire guides



23-160
240 mm



23-161
270 mm



23-162
225 mm



JORDAN instruments for subcutaneous Tibia Cerclage



23-163
JORDAN
Wire tightener



1/2

23-164
JORDAN
Wire twister
170 mm



1/2

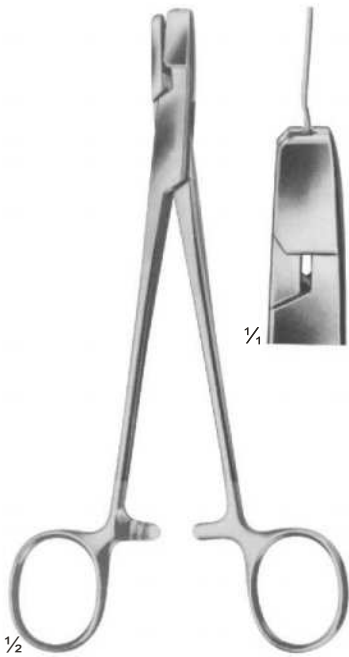
23-165
JORDAN
Wire catcher
180 mm



1/2

23-166
JORDAN
Probe, cannulated
170 mm

Wire Holding forceps, Wire Tightening Pliers Flat-nosed Pliers



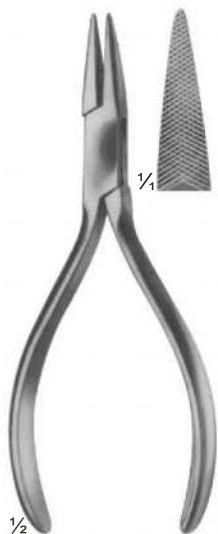
23-167
DUROGRIP
Holding forceps for cerclage
wire, with lateral jaws to avoid
wire slipping off
170 mm



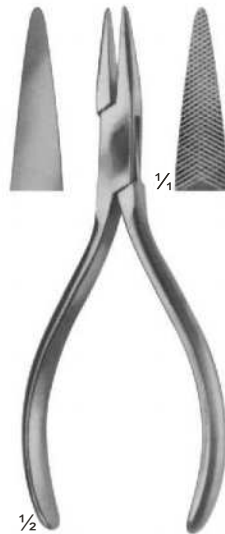
23-168
DUROGRIP
Wire, tightening pliers,
Ligature pliers
150 mm



23-169
DUROGRIP
Wire, tightening pliers,
Ligature pliers
150 mm



23-170
with serrated jaws
140 mm

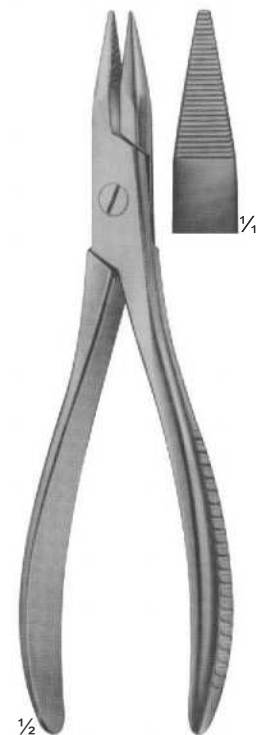


23-171
one jaws smooth,
one jaws serrated
140 mm



23-172
with serrated jaws

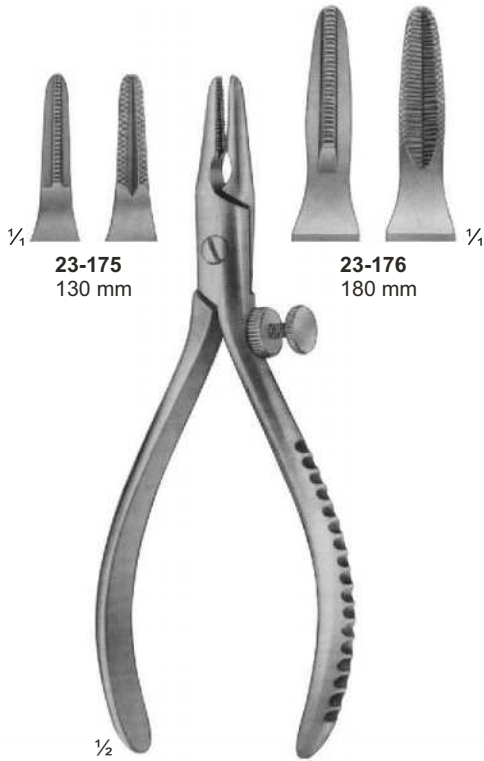
23-173
with longitudinal and
transversal grooves
170 mm



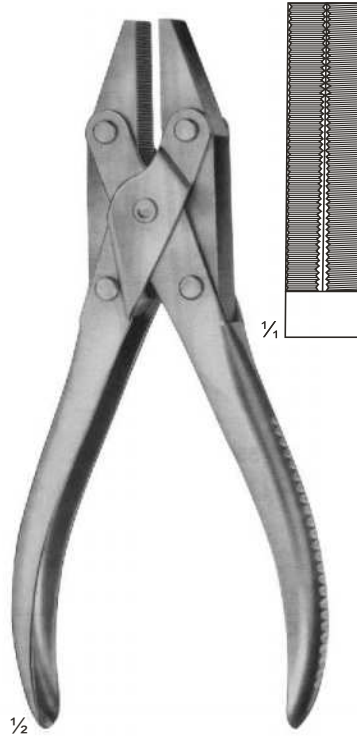
23-174
190 mm



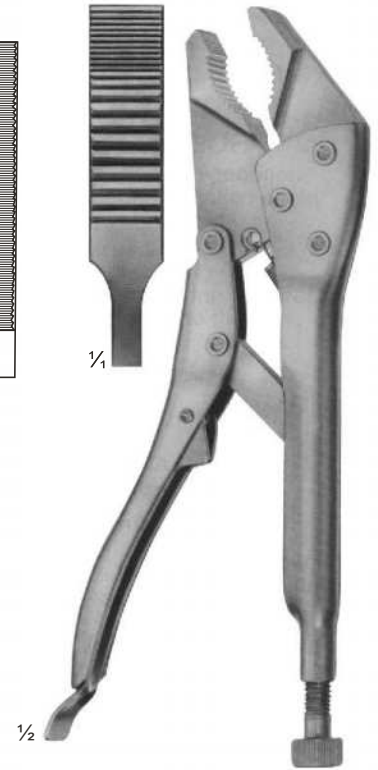
Wire Holding forceps, Flat-nosed Pliers, Pliers for bending and cutting wires



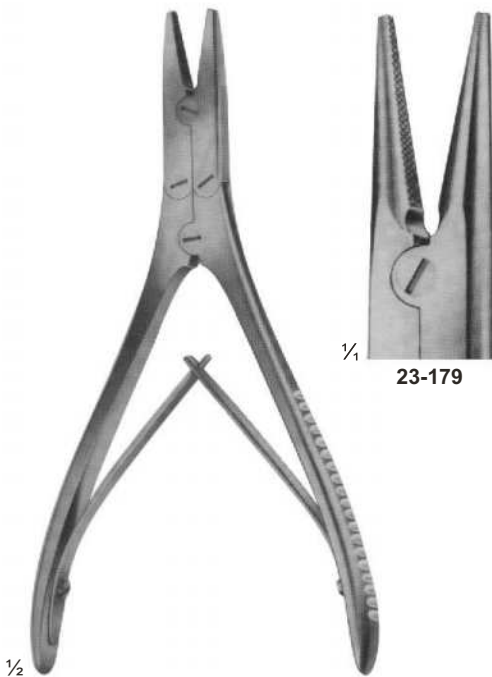
23-175 - 176
Extraction pliers
for boring wires



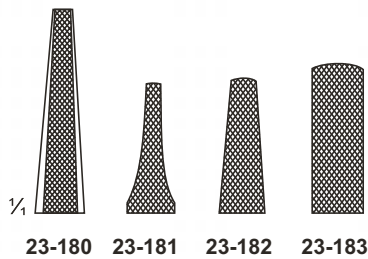
23-177
Flat-nosed pliers,
parallel
185 mm



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.

Wire Cutters and wire Cutting Scissors

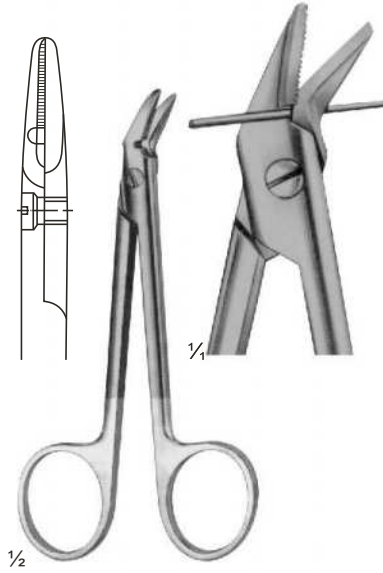


23-185
ANGLE
130 mm

23-186
DUROTIP
ANGLE
130 mm

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

0,5 mm 0,6 mm
0,3 mm 0,4 mm

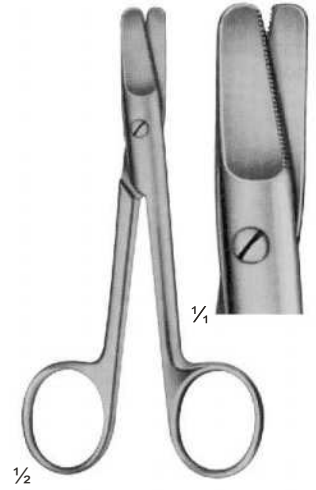


23-187
120 mm

23-188
DUROTIP
120 mm

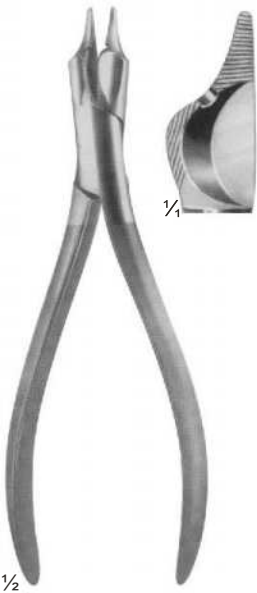
for soft wire
up to diam.
for hard wire
up to diam.

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



Wire Cutting Pliers, Lateral Cutting Action



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

Wire Cutting Pliers, Lateral and Front Cutting Action



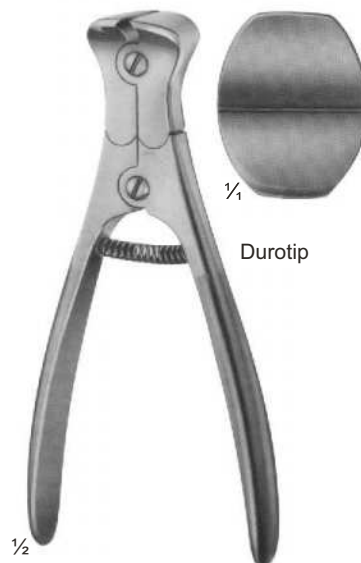
23-196
240 mm

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



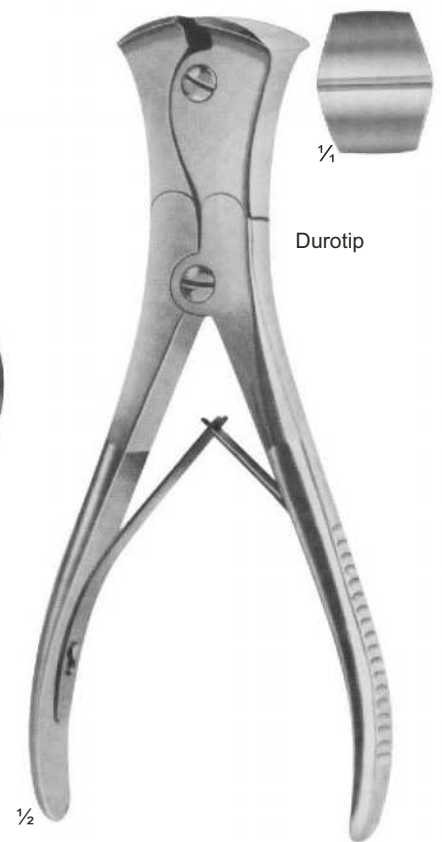
23-197
140 mm

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



23-198
145 mm

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



23-199
220 mm

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

Wire Cutting Pliers



1/2

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

23-200
320 mm

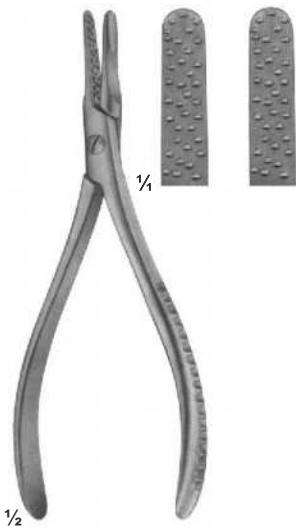
for soft wire up to diam. 3,0 mm
For hard wire up to diam 3,0 mm



Durotip

23-201
Cutter for cutting off
KIRSCHNER wires,
Tibia head screws,
bolts, pins, up to 6 mm diam.
470 mm

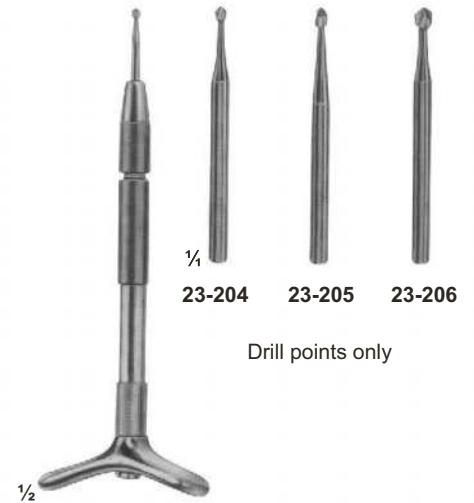
Finger Nail Instruments



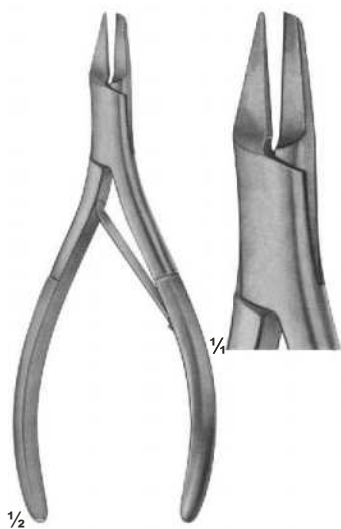
23-202
Nail extracting
forceps
135 mm



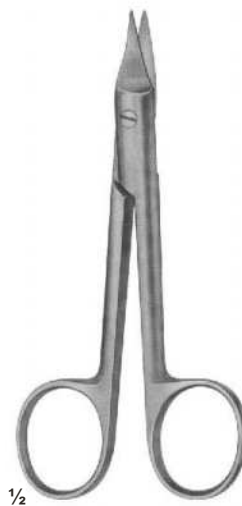
23-203
Nail extracting
forceps
145 mm



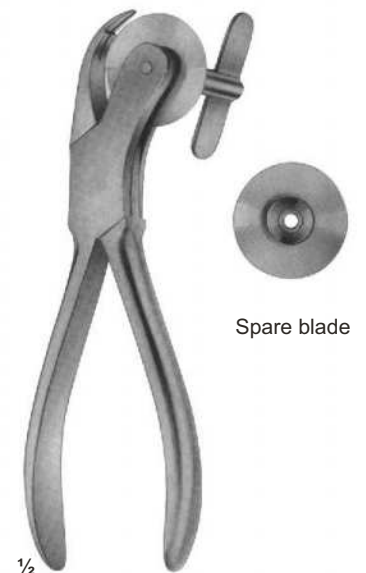
23-204 - 206
Finger nail drill
with 3 points



23-207
Nail splitting
forceps
135 mm



23-208
SYSTRUNK
Scissors, for splitting
finger nails
130 mm



23-209
Finger ring saw
150 mm



Plaster Instruments



with ebony handle

24-101
HOPKINS
200 mm



24-102
ESMARCH
180 mm



24-103
ENGEL
160 mm



1/2

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 |



1/2

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 |

Plaster Scissors

For small plaster dressings



Plaster Shears



24-129
STILLE-AESFULAP
260 mm



24-130
STILLE-AESFULAP
360 mm

STILLE Plaster Shears

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



Plaster Spreader, Plaster Breakers



1/8

24-137
HENING
270 mm



1/8

24-138
MOD.USA
230 mm



1/8

24-139
290 mm



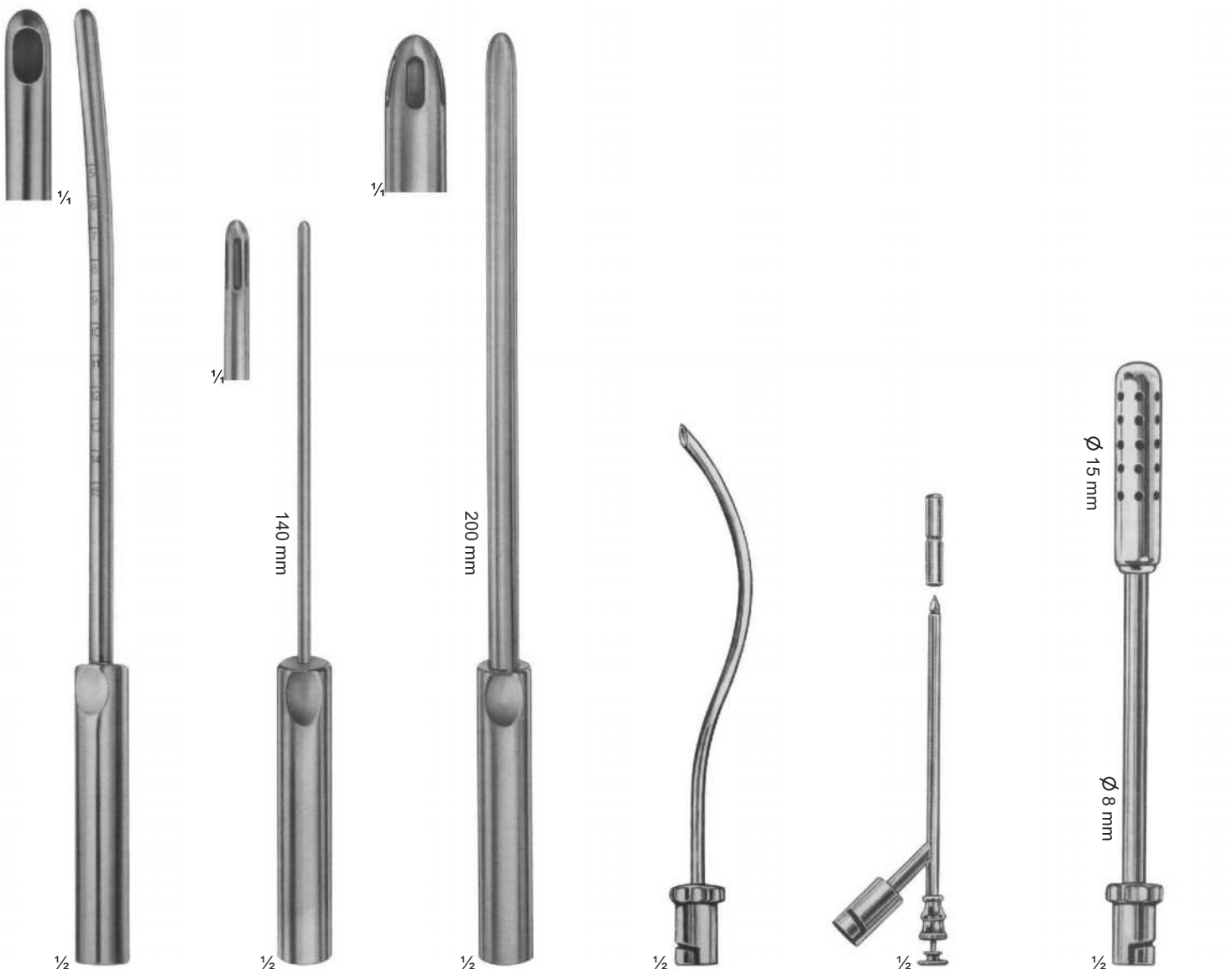
with removable jaws



1/8

24-140 - 141
WOLFF
24-140 180 mm
24-141 240 mm

Vacuum Currettes for Aspiration Lipectomy Suction 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
Currettes for aspiration lipectomy, graduated, slightly curved

25-107 - 108
BIEMER

25-107 ø 4 mm
25-108 ø 6 mm
Currettes 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
Currettes 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

Suction Instruments



1/2

25-115
Trocar
For puncturing
170 mm



1/2

25-116
Hollow needle,
sharp
150 mm



1/2

25-117
double curved
For general
surgery
230 mm



1/2

25-118
For tonsillectomy,
oral and laryngeal
operations
190 mm



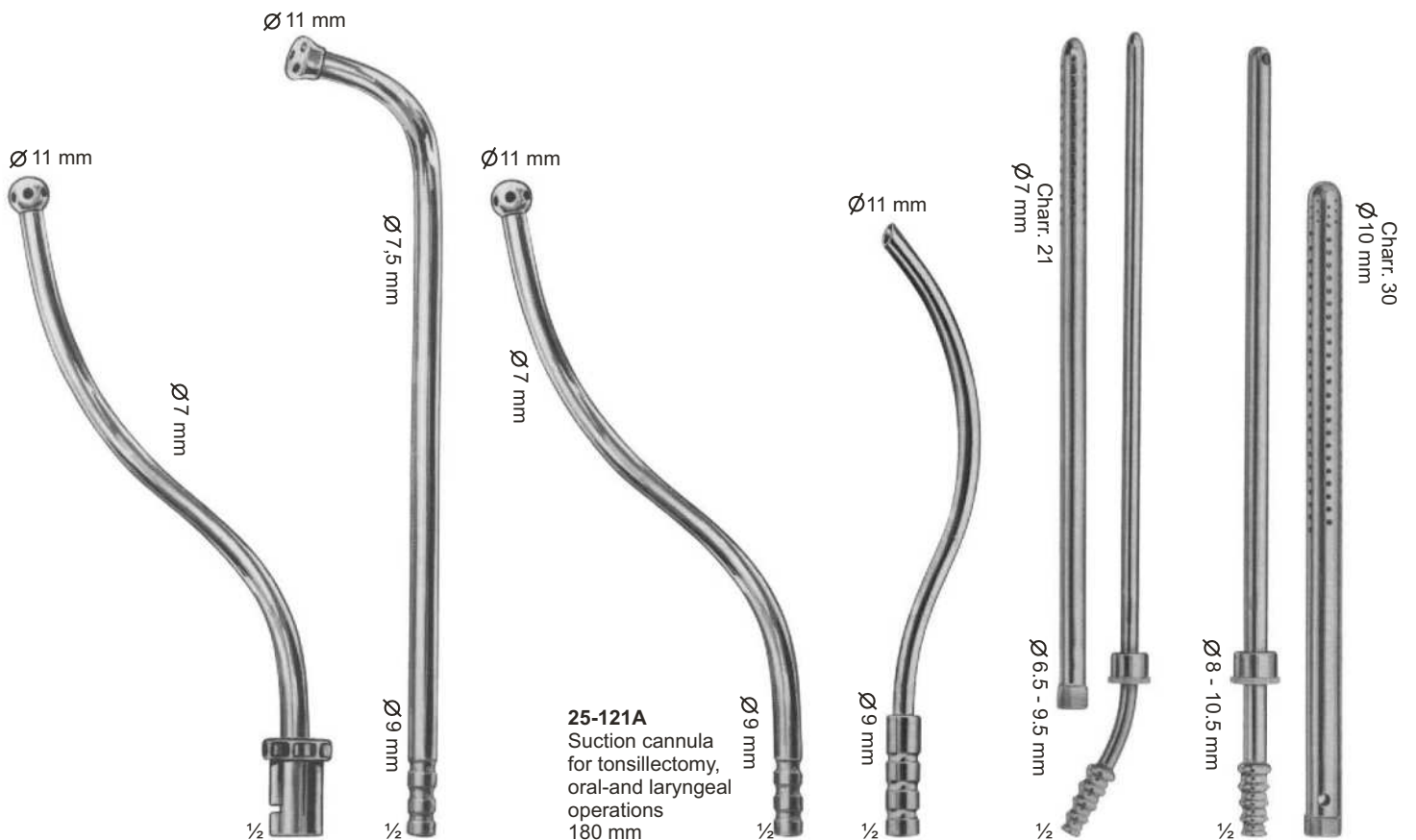
Ø11 mm

Ø7,5 mm

1/2

25-119
For tonsillectomy,
oral and laryngeal
operations
220 mm

Suction Instruments



25-121A
Suction cannula
for tonsillectomy,
oral-and laryngeal
operations
180 mm

25-120
For tonsillectomy,
oral-and laryngeal
operations
180 mm

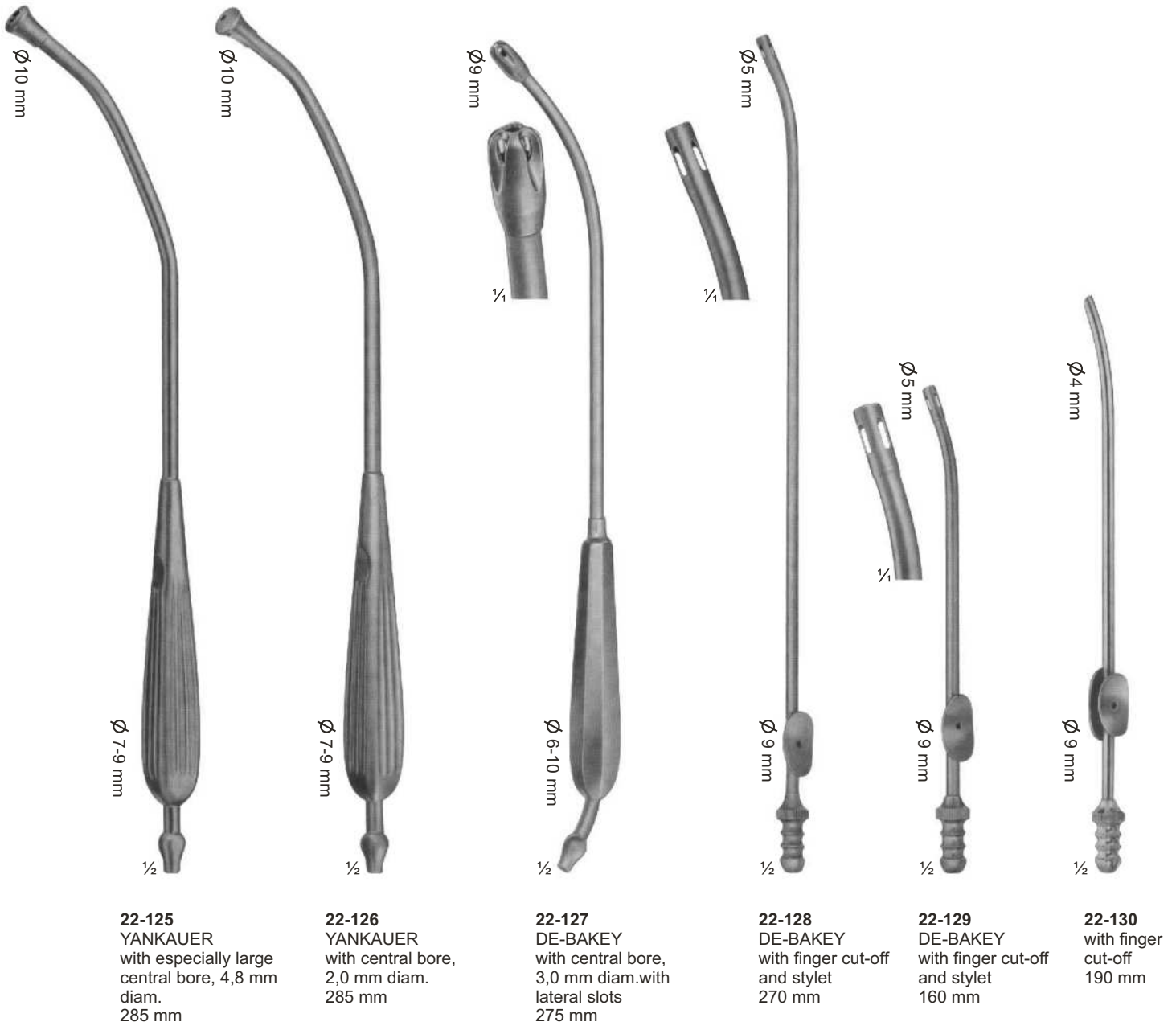
25-121
Suction cannula
for tonsillectomy,
oral-and laryngeal
operations
220 mm

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

Suction Instruments



Suction Instruments



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



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

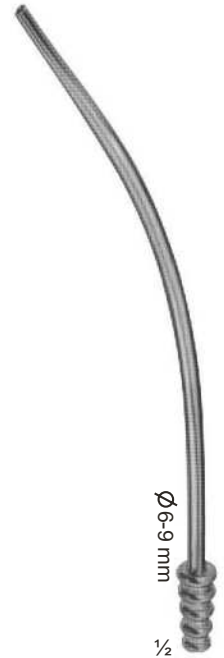
25-135 - 139
FERGUSSON
with finger cut-off and
stylet, thumb piece
90° to curved, with
LUER hub
180 mm



25-140 Ø 4,0 mm
FERGUSSON
insulated, with finger cut-off
and stylet, thumb piece 90°
to curved, with LUER hub
180 mm



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



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



25-147 4 mm wide
25-148 5 mm wide
Suction raspatories,
sharp, bayonet-shaped,
with stylet
200 mm



25-149
LOPEZ-REINKE
Tonsil dissector with
suction device
235 mm

Suction Instruments

25-150
WULLSTEIN
Suction tube, conical, silver, oliver
with LUER hub
160 mm

$\varnothing 1,75$ mm $\varnothing 3$ mm
 $\frac{1}{2}$
 $\varnothing 8$ mm

25-151 1,5 mm
25-152 2,0 mm
WULLSTEIN
Suction tube, cylindrical, silver, with
stylet with LUER hub
160 mm

$\varnothing 8$ mm $\frac{1}{2}$

Usable length

YASARGIL usable length diam.		YASARGIL usable length diam.	
25-153	130 mm 1,5 mm	25-161	130 mm 2,5 mm
25-154	150 mm 1,5 mm	25-162	150 mm 2,5 mm
25-155	180 mm 1,5 mm	25-163	180 mm 2,5 mm
25-156	220 mm 1,5 mm	25-164	220 mm 2,5 mm
25-157	130 mm 2,0 mm	25-165	130 mm 3,5 mm
25-158	150 mm 2,0 mm	25-166	150 mm 3,5 mm
25-159	180 mm 2,0 mm	25-167	180 mm 3,5 mm
25-160	220 mm 2,0 mm	25-168	220 mm 3,5 mm
		25-169	180 mm 4,5 mm

$\varnothing 6,5-9$ mm
with LUER hub

25-170 - 172
LANDOLT
150 MM
diam $\varnothing 3$ mm

25-170 8 mm / curved
25-171 11mm / curved
25-172 15mm / curved

$\varnothing 3.5$ mm $\varnothing 2.0$ mm

25-173 500 mm
25-174 350 mm
with rubber tip,
with LUER hub

$\varnothing 9$ mm $\frac{1}{2}$

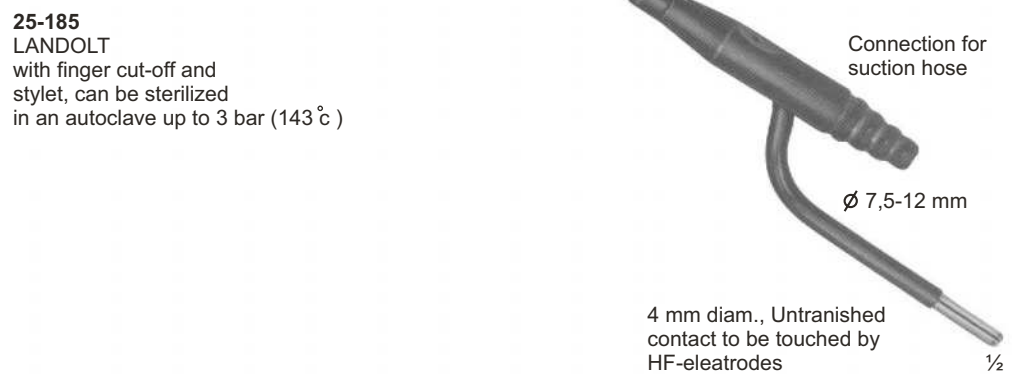
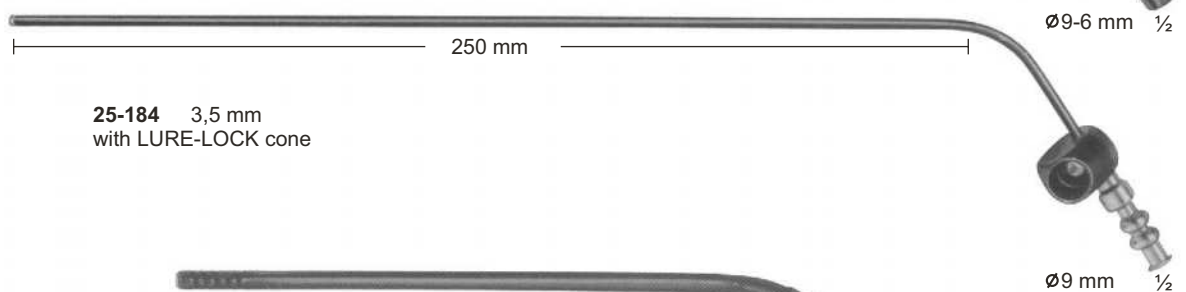
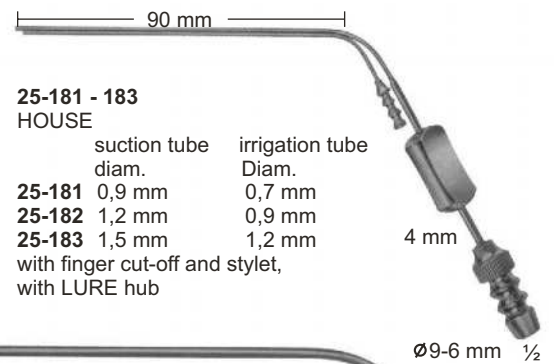
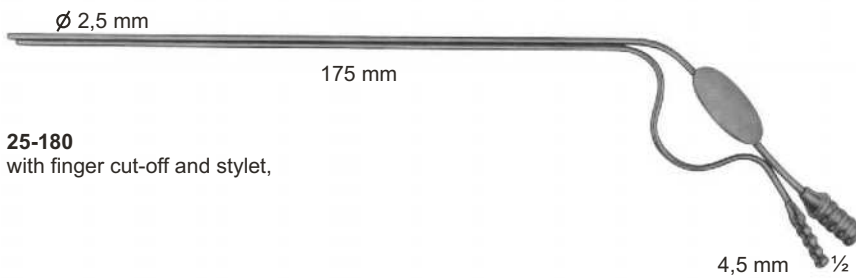
25-175 2,0 mm diam
25-176 2,5 mm diam
25-177 3,0 mm diam
with finger cut-off,
thumb piece 90° to
curved, with LUER hub
250 mm

$\varnothing 6-9$ mm $\frac{1}{2}$

Combined Suction and Irrigation Cannulae



25-179
YASARGIL
LURE-LOCK cone
200 mm



Scissors with Tungsten Carbide Inserts



26-101
Standard

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



26-102
Standard

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



26-103
Standard

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



26-104
Standard

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



26-105
Standard

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



26-106
Standard

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

Scissors with Tungsten Carbide Inserts



26-107
Mayo-Lexer

16cm



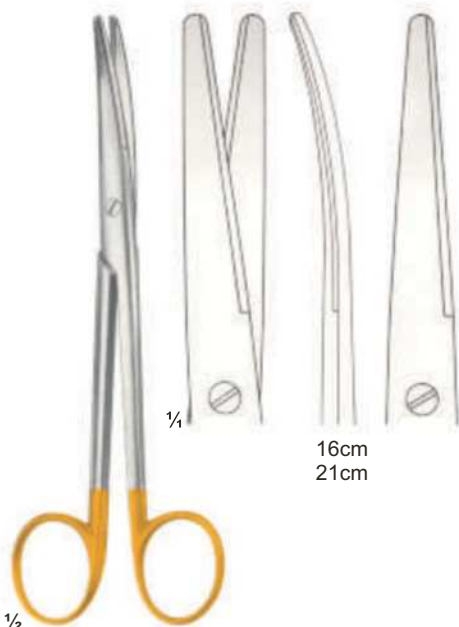
26-108
Mayo-Lexer

16cm



26-109
Lexer

16cm
21cm



26-110
Lexer

16cm
21cm



26-111
Mayo-Stille

15cm
17cm



26-112
Mayo-Stille

15cm
17cm



Scissors with Tungsten Carbide Inserts



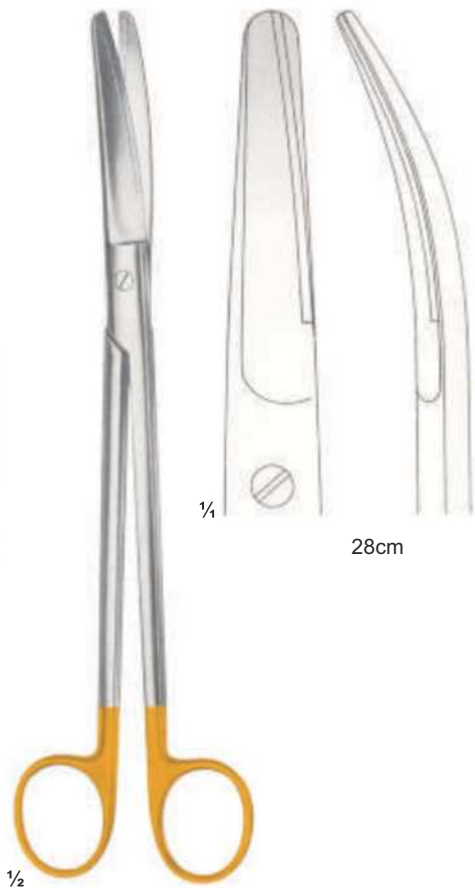
Scissors with Tungsten Carbide Inserts



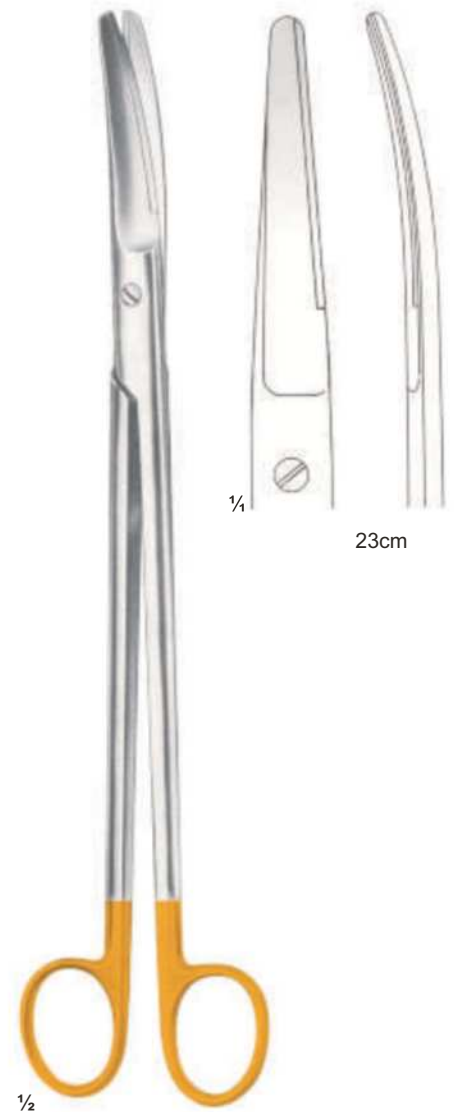
Scissors with Tungsten Carbide Inserts



26-125
Parametrium

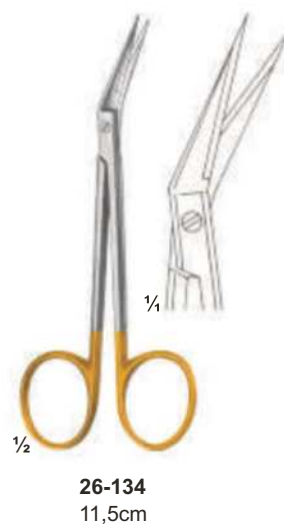
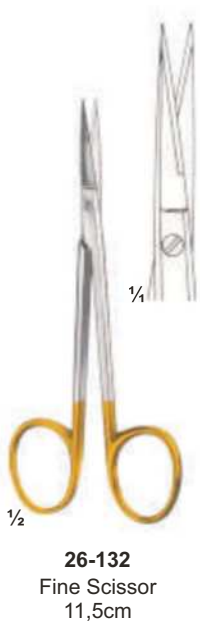


26-126
Mayo-Harrington

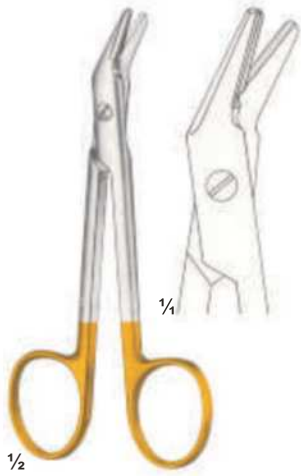


26-127
Sims

Scissors with Tungsten Carbide Inserts



Scissors & Dissecting Forceps with Tungsten Carbide Inserts



26-136
Universal
12cm



26-137
Ligature Scissors
1 Black & 1 Goldplated ring



26-138
Adson



26-139
Cushing
17,5cm



26-140
Cushing
18cm



26-141
Cushing-Taylor
18cm

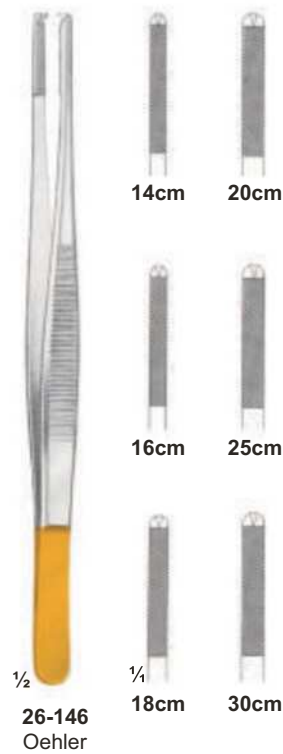
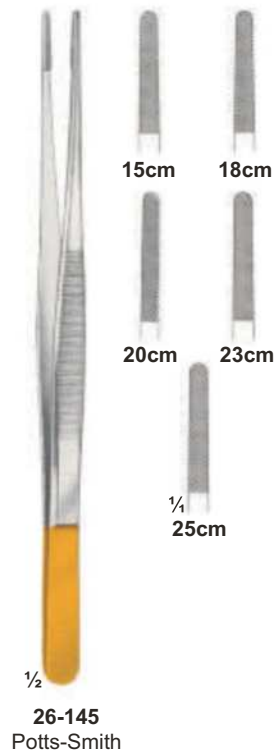


26-142
Dissecting Forceps
15cm



26-143
Semken
15cm

Dissecting Forceps and Needle holders with Tungsten Carbide Inserts



Needle holders with Tungsten Carbide Inserts



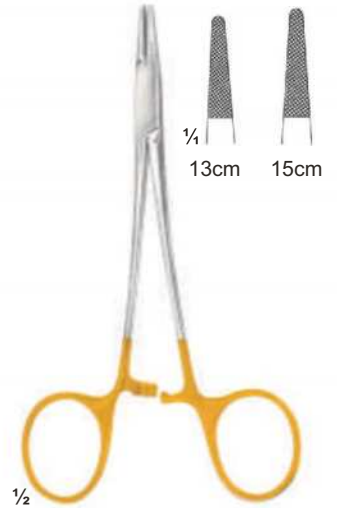
26-152
Arruga
16cm



26-153
Castroviejo
13cm



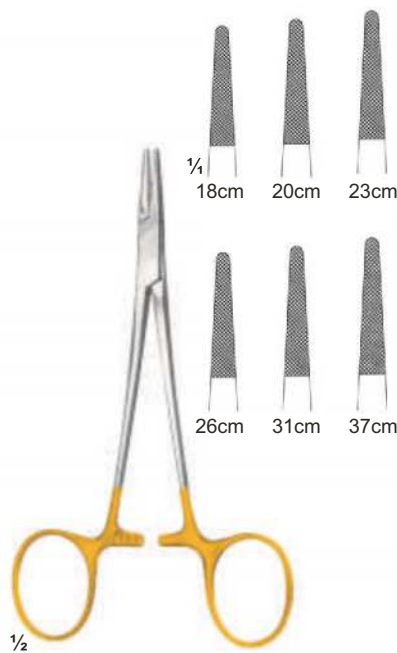
26-154
Hegar
20cm 24cm



26-155
Halsey
13cm 15cm



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



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



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

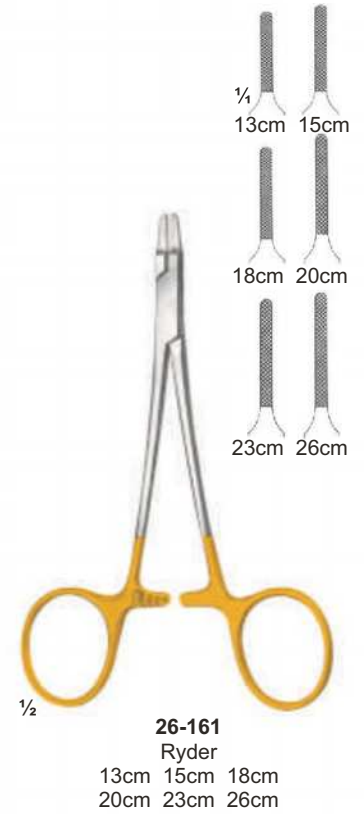
Needle holders with Tungsten Carbide Inserts



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



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



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



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



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



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

Needle holders with Tungsten Carbide Inserts



Needle holders with Tungsten Carbide Inserts



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



1/2
26-173
Lichtenberg
20cm



1/2
26-174
Langhals
20cm 25cm



1/2
26-175
Lichtenberg
20cm 25cm



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



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



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



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

Hospital Wares



27-101 - 115
Schimmelbusch

	Ø x H sizes in mm
27-101	80 x 80
27-102	105 x 120
27-103	140 x 140
27-104	160 x 120
27-105	160 x 150
27-106	190 x 150
27-107	190 x 190
27-108	240 x 160
27-109	240 x 240
27-110	290 x 160
27-111	290 x 240
27-112	340 x 160
27-113	340 x 340
27-114	390 x 190
27-115	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

Hospital Wares



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



Forceps Jars



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 |

Round Metal Boxes and Medicine Cups



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



Hospital Wares



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

Hospital Wares



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



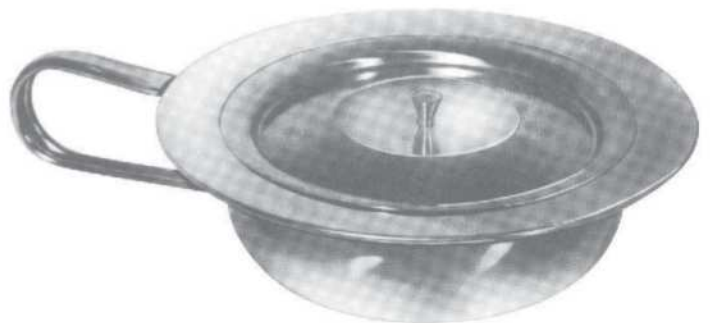
27-182



27-183



27-184



27-185 - 186

27-185 Ø235 mm
27-186 Ø310 mm



Needle Cases



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

Storing Cases



27-196
Deponette
245 x 135 x 35mm



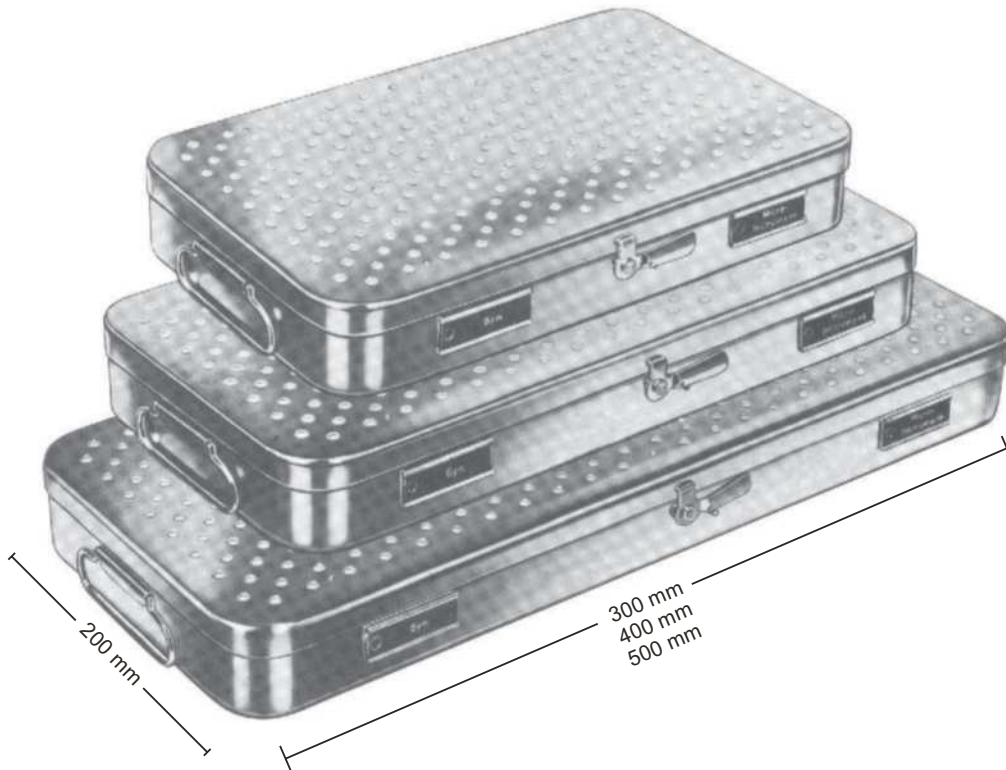
27-197
Deponette
245 x 135 x 50mm



27-198
Deponette
245 x 135 x 60mm



Storing Cases



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

Sterilizing Baskets / Trays



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

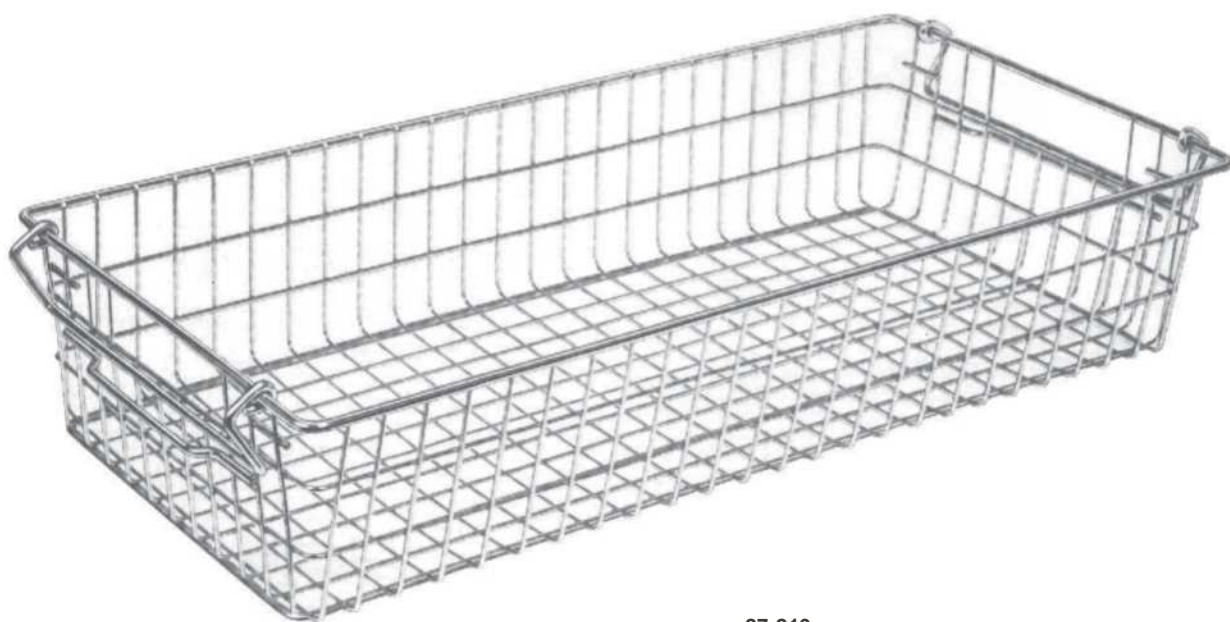


27-213 - 218

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



Sterilizing Basket



27-219
(60 x 30 x 15 cm)
Nominal dimensions

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