

Surgical Instruments



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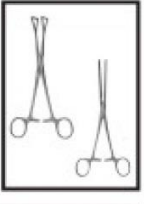
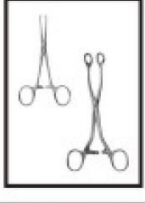
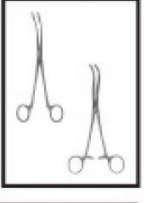


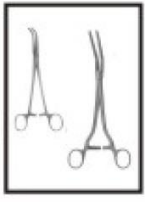












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Percussion Hammers and Aesthesiometers



01-101
TROEMNER
 Size: 245 mm

½



01-102
DEJERINE
 Size: 200 mm

½



01-103
DEJERINE
 with needle
 Size: 210 mm

½



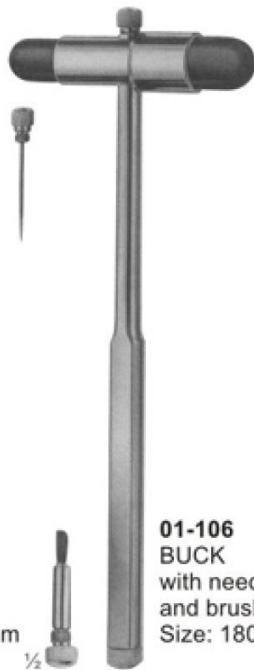
01-104
TAYLOR
 Size: 195 mm

½



01-105
BERLINER
 Size: 200 mm

½



01-106
BUCK
 with needle
 and brush
 Size: 180 mm

½



01-107
RABINER
 with needle
 and brush
 Size: 255 mm

½



01-108
ALY
 Size: 190 mm

½



01-109
WARTENBERG
 Pinwheel for
 neurological
 examination
 Size: 185 mm

½



01-110
PINARD (Aluminum)
Size: 155 mm



01-111
wooden
Size: 145 mm



01-112
BOWLES
Stethoscope
with diaphragm



01-113
ANESTOPHON

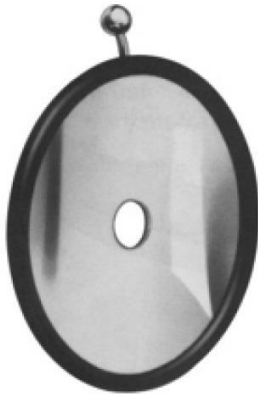


01-114
FORD-BOWLES
Dual chest piece
with two outlets

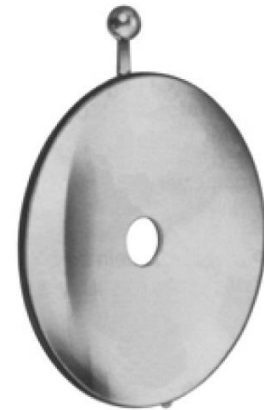


01-115
BOWLES

Head Mirrors and Head Bands



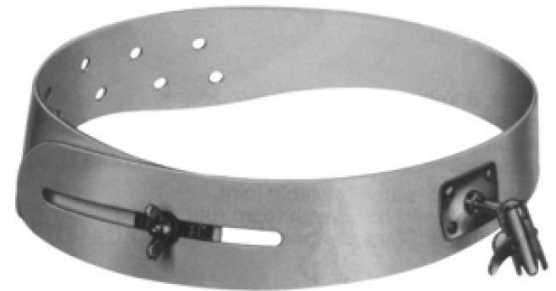
01-116
 ZIEGLER Ø 90mm
 head mirror only
 with rubber coating



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

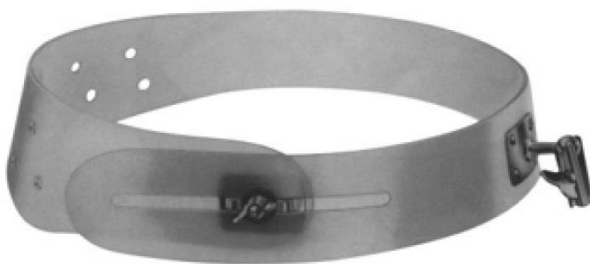


01-118
 ZIEGLER
 head band of plastic black



01-120
 MURPHY
 head band of celluloid, white

01-119
 ZIEGLER
 head band of plastic white

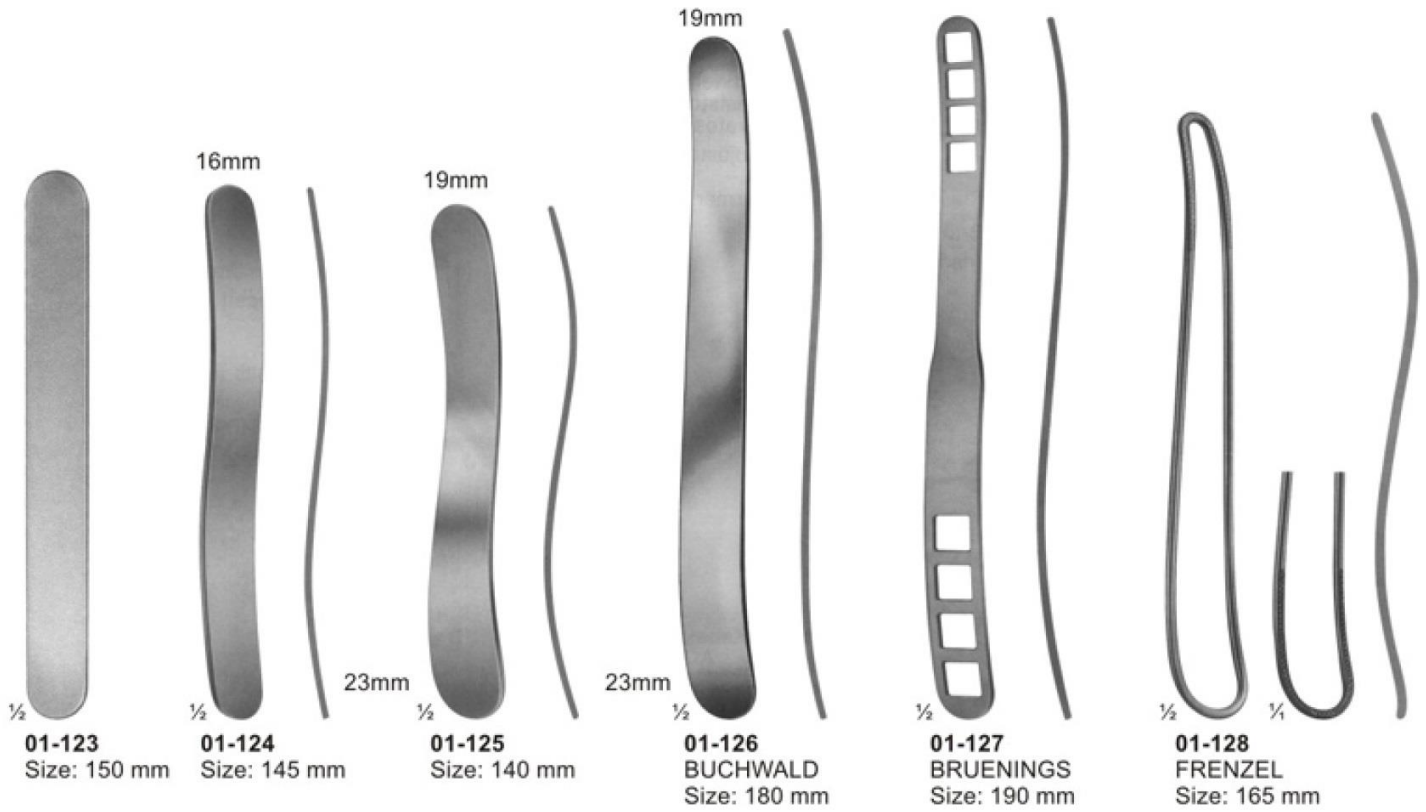


01-121
 head band of plastic,
 white, soft pattern



01-122
 head mirror with black
 plastic head band.

Tongue Depressors



Instruments for Anaesthesia and Tongue Forceps



½
01-134
SCHIMMELBUSCH
 Ether mask



½
01-135
HEISTER
 Mouth gag
 Size: 130 mm



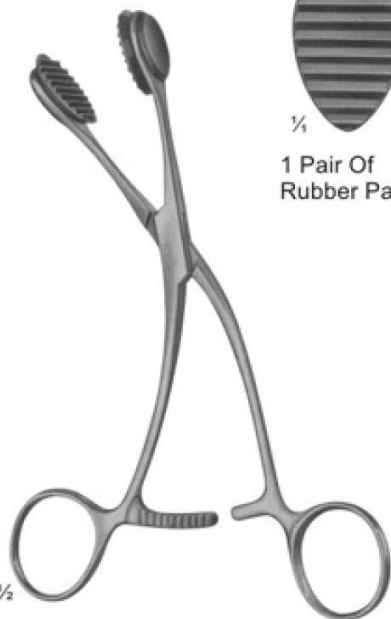
½
01-136
FERGUSSON-ACKLAND
 Mouth gag
 Size: 145 mm



½
01-137
DENHARDT
 Mouth gag with silicon
 inserts, interchangeable
 Size: 125 mm

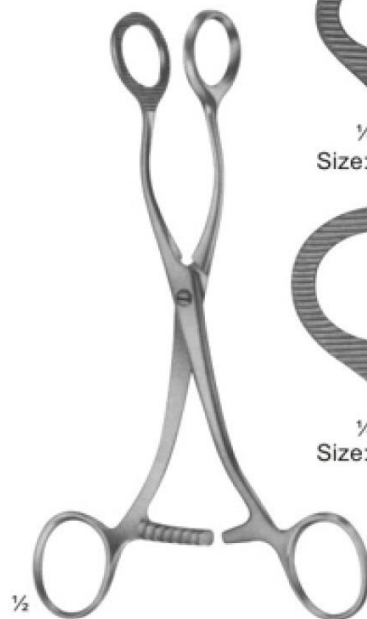


½
01-138
ROSER KOENIG
 Mouth gag
 Size: 160 mm, 185 mm



¼
 1 Pair Of
 Rubber Pads

½
01-139
YOUNG
 Size: 165 mm

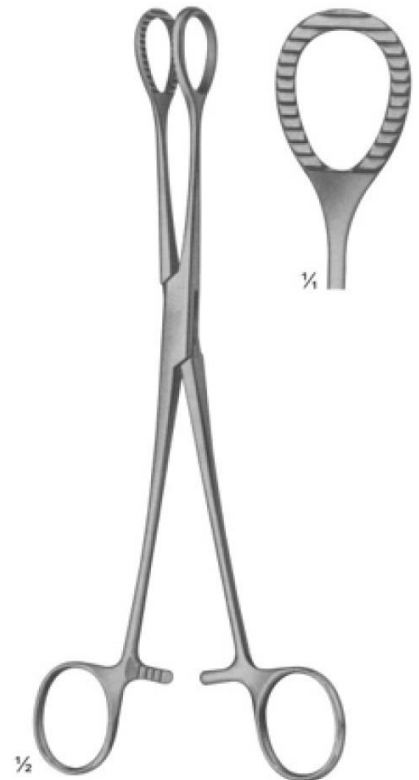


¼
 Size: 160 mm



¼
 Size: 170 mm

½
01-140
COLLIN
 Size: 160 mm, 170 mm

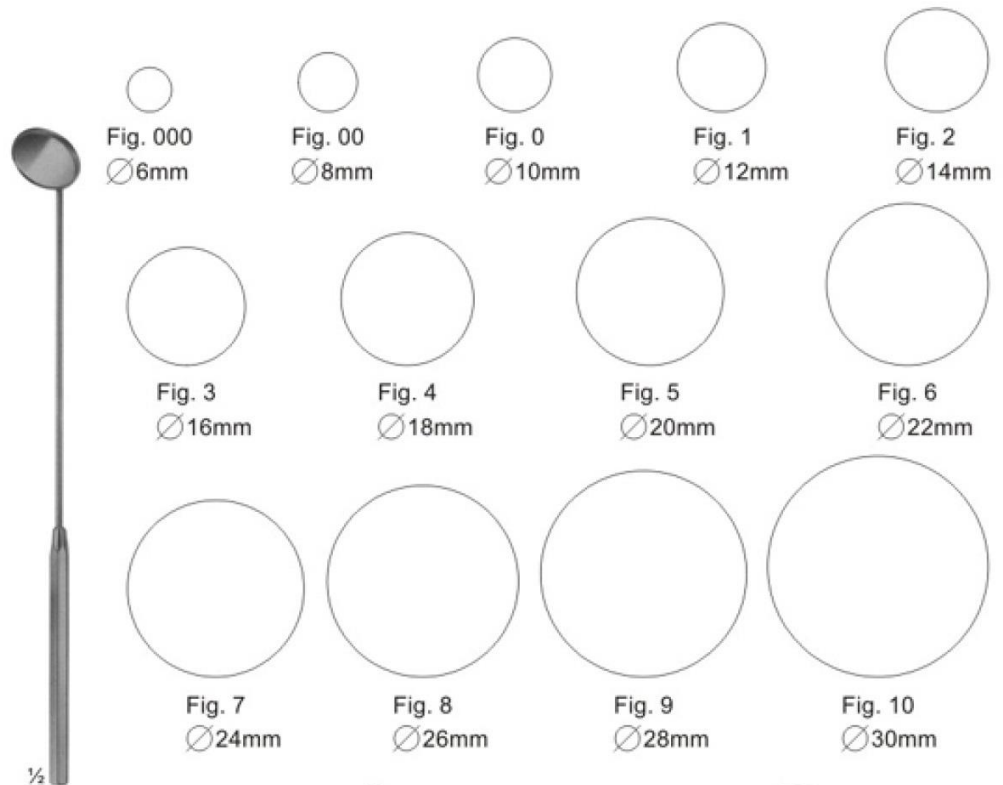


½
01-141
HEYWOOD-SMITH modif.
 Size: 215 mm

Blood Lancets and Laryngeal Mirrors



01-142
FRANCKE
 Automatic blood lancet



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



01-148
 Spare mirrors only
 Size: 12 mm

01-149
 Spare mirrors only
 Size: 14 mm



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



01-145
 Mirror handle
 Size: 110 mm



01-146
 Mirror handle
 Size: 105 mm



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

Laryngoscope and Diagnostic Sets



½

01-150 - 152
MAGILL



¼

01-150
Infants
Size: 150 mm



¼

01-151
Children
Size: 200 mm



¼

01-152
Adults
Size: 250 mm



½

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



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



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



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



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

Laryngoscopes



01-156
MILLER
 Laryngoscope set, consists of battery handle (without battery)
 with four miller laryngoscope blades

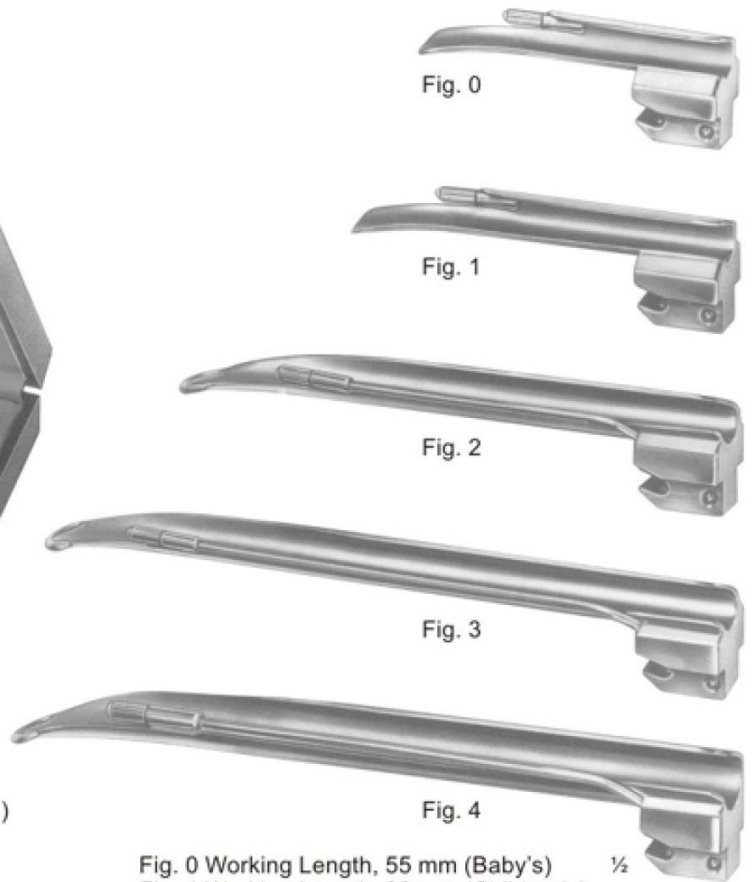


Fig. 0 Working Length, 55 mm (Baby's) $\frac{1}{2}$
 Fig. 1 Working Length, 80 mm (Children's)
 Fig. 2 Working Length, 130 mm (Adolescent's)
 Fig. 3 Working Length, 170 mm (Women's)
 Fig. 4 Working Length, 180 mm (Men's)



01-157
GUEDEL-NEGUS
 Laryngoscope set, consists of battery handle (without battery)
 with four miller laryngoscope blades

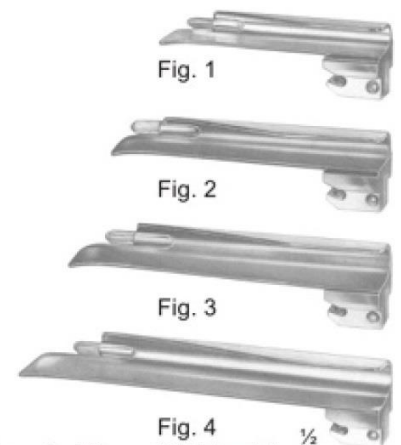


Fig. 1 Working Length, 70 mm (Children's) $\frac{1}{2}$
 Fig. 2 Working Length, 90 mm (Adolescent's)
 Fig. 3 Working Length, 110 mm (Women's)
 Fig. 4 Working Length, 135 mm (Men's)



02-101 - 110
Fig. 1 - 10



02-101
Fig. 1
30 mm



02-102
Fig. 2
36 mm



02-103
Fig. 3
40 mm



02-104
Fig. 4
45 mm



02-105
Fig. 5
50 mm



02-106
Fig. 6
27 mm



02-107
Fig. 7
35 mm



02-108
Fig. 8
40 mm



02-109
Fig. 9
47 mm



02-110
Fig. 10
50 mm



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

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

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

02-117
 Size: 110 mm
 Blade length
 Interosseous
 Knives

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

02-119
 Size: 70 mm
 Blade length
 Wooden handle

02-120
 Size: 80 mm
 Blade length
 Metal handle

02-121
 Size: 195 mm
 Blade length
 Metal handle

Blade length
 Amputating Knives



02-122
 AYRE
 Size: 235 mm
 Cone Knife

02-123
 Size: 230 mm
 Cone Knife

02-124
 SEGOND
 Size: 270 mm
 Myomatome

02-125
 OLIVECRONA
 Size: 205 mm
 Trigeminal
 Knife

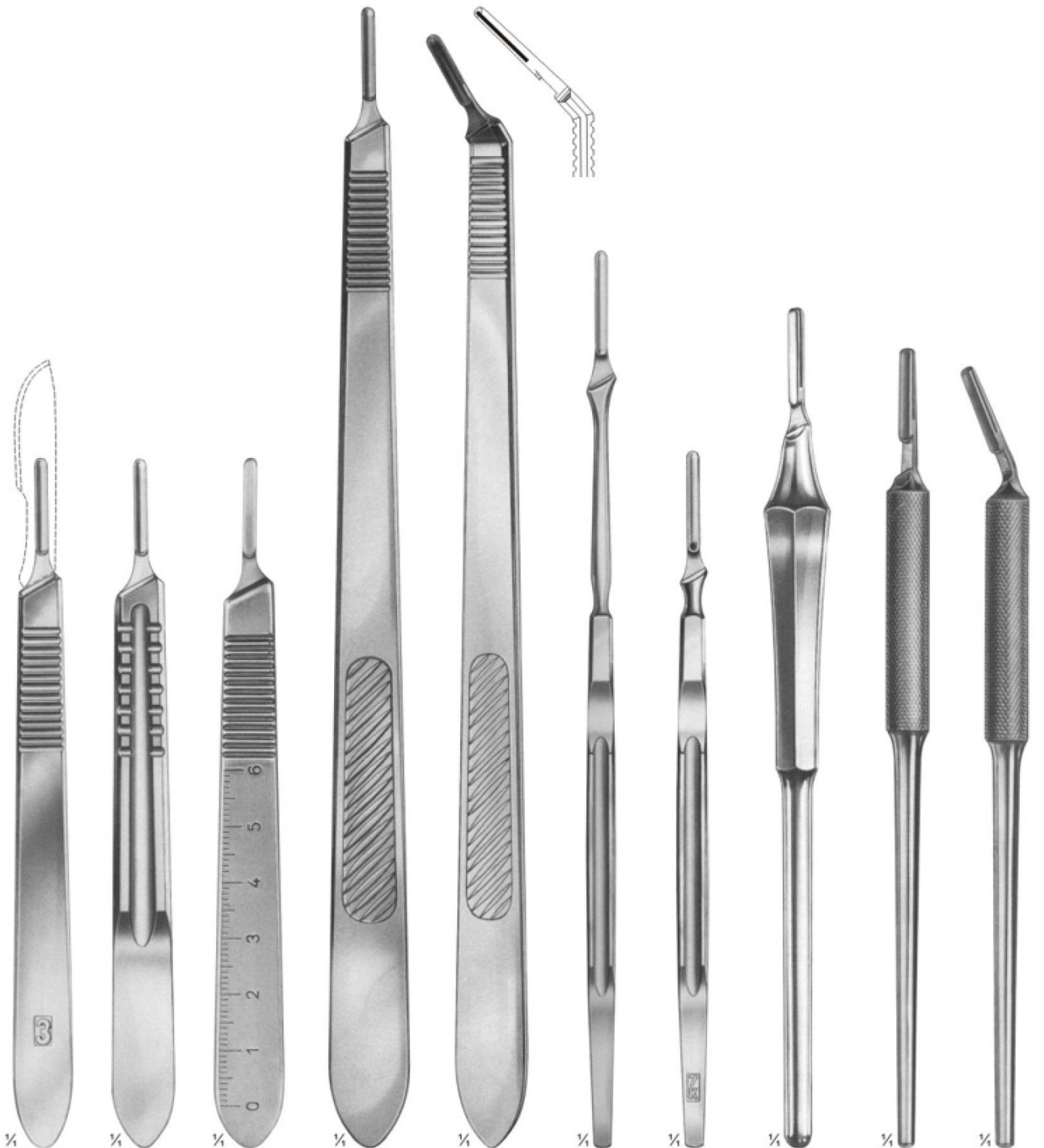
02-126
 Size: 230 mm
 Trigeminal
 Knife

02-127
 FOWLER
 Size: 200 mm
 Tonsil Knife

02-128
 ABRAHAM
 Size: 215 mm
 Tonsil Knife

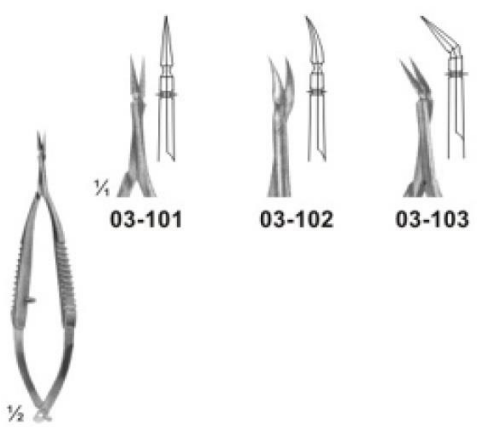
02-129
 BRUNINGS
 Size: 215 mm
 Tonsil Knife

Scalpel Handles



02-130 STANDARD No. 3 Solid 12 cm	02-131 No. 3 Solid 12 cm	02-132 No. 3 Solid 12 cm	02-133 No. 3 L Straight Solid 21.5 cm	02-134 No. 3 L Angled Solid 21 cm	02-135 No. 7 Solid 16 cm	02-136 No. 7 K Solid 12.5 cm	02-137 Hollow-Round 15.5 cm	02-138 No. 3 Straight Solid, Round 14.5 cm	02-139 No. 3 Angled Solid, Round 14 cm
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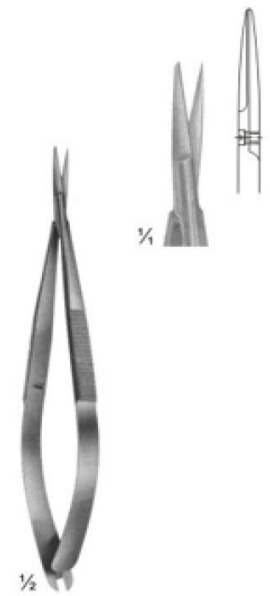
Micro Scissors (Spring Type) with Flat Handles



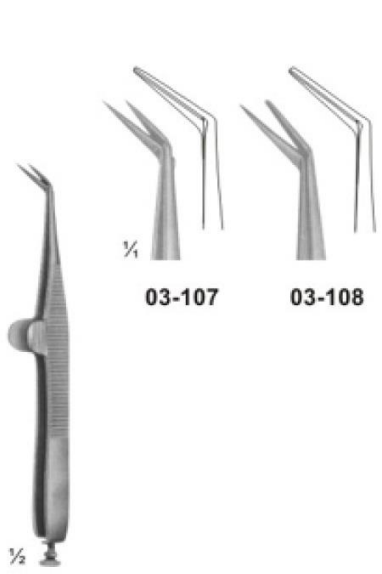
03-101 - 103
VANNAS
 Size: 85 mm



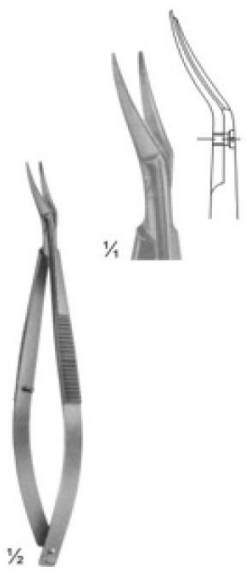
03-104 - 105
CASTROVIEJO
 Size: 95 mm



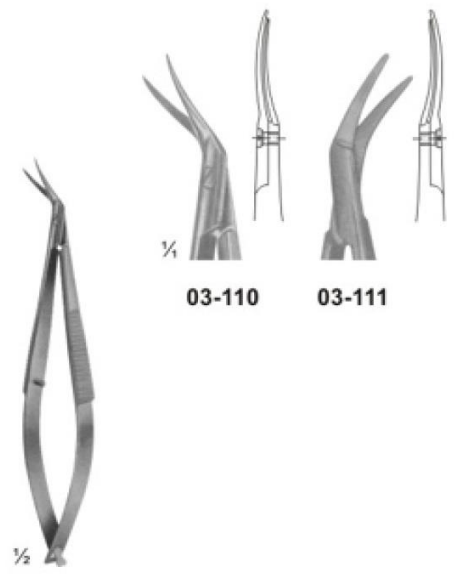
03-106
NOYES
 Size: 125 mm



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

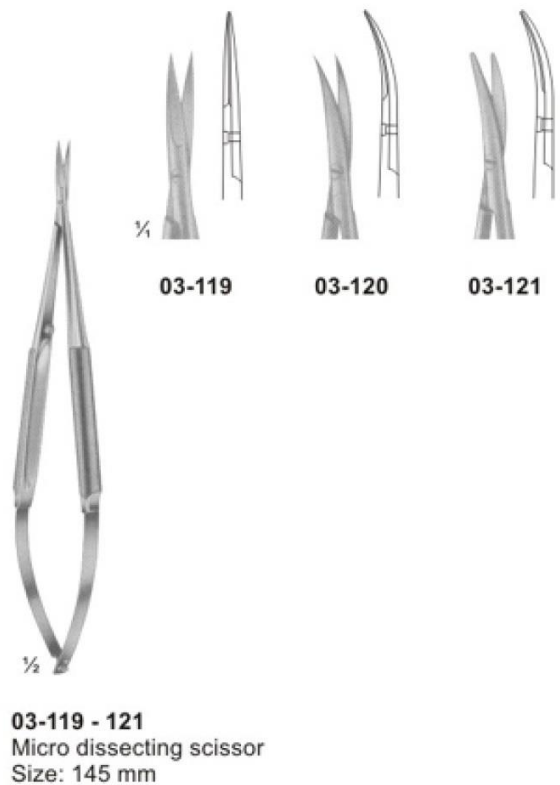
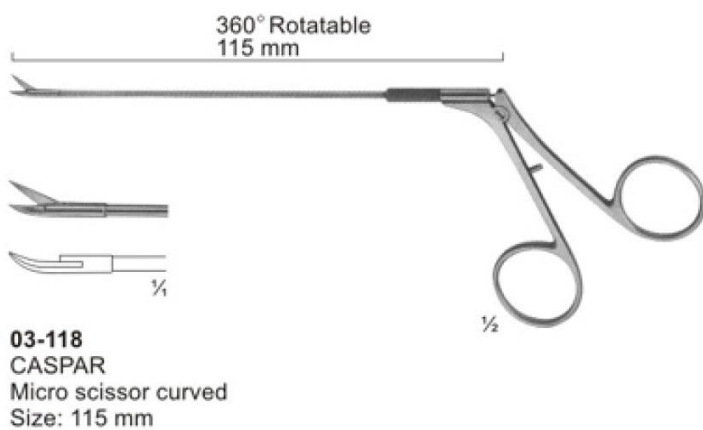
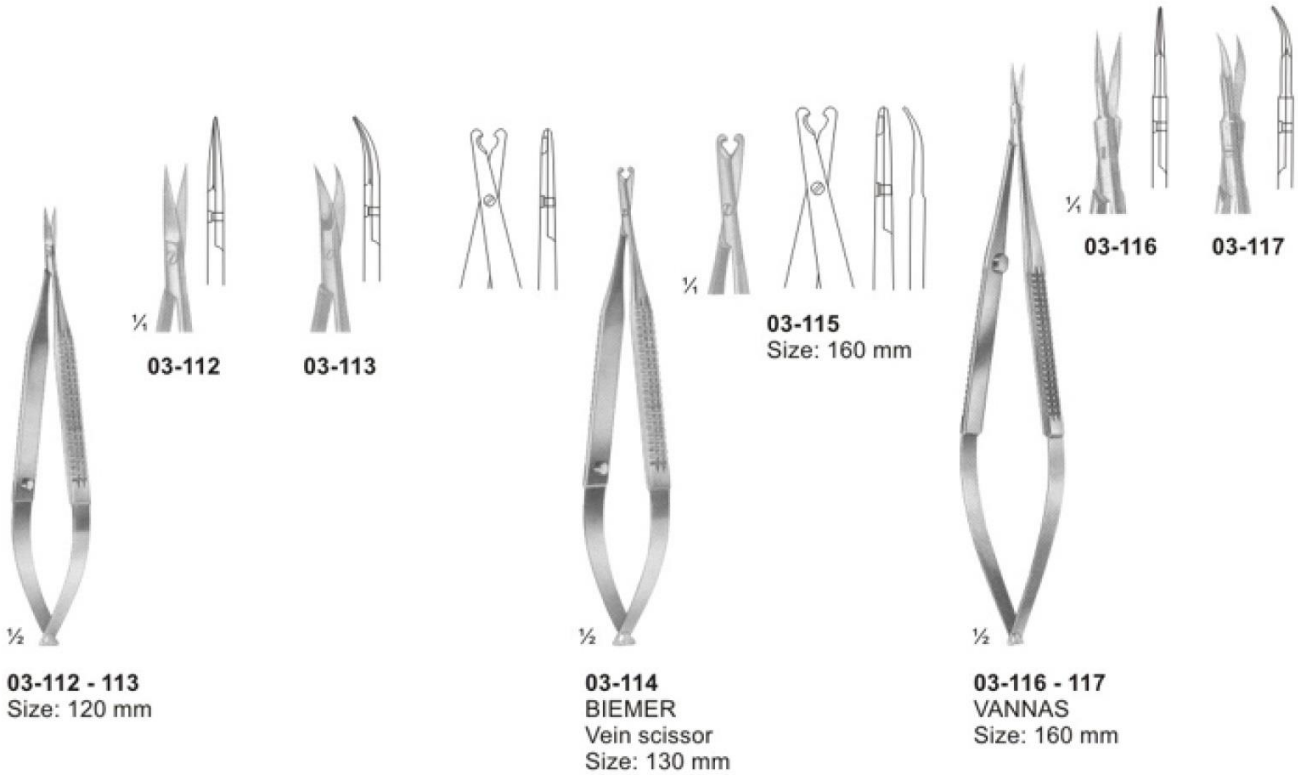


03-109
CASTROVIEJO
 Eye scissor
 Size: 115 mm



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

Micro Scissors (Spring Type) with Flat Handles



Micro Scissors (Spring Type) bayonet-Shaped



03-122
YASARGIL
 Size: 245 mm



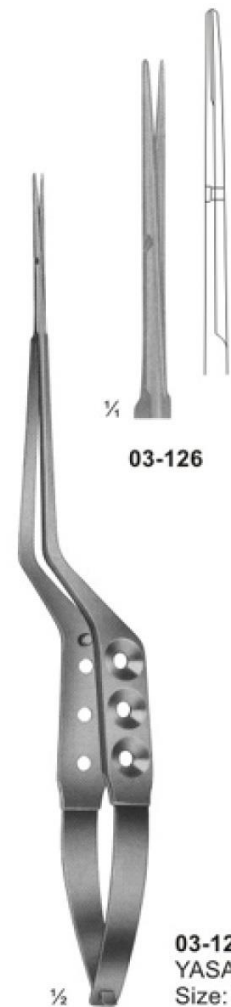
03-123
 45°



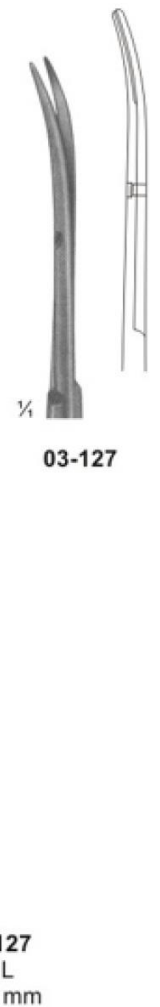
03-124
 45°



03-125
 laterally angled
 Size: 190 mm



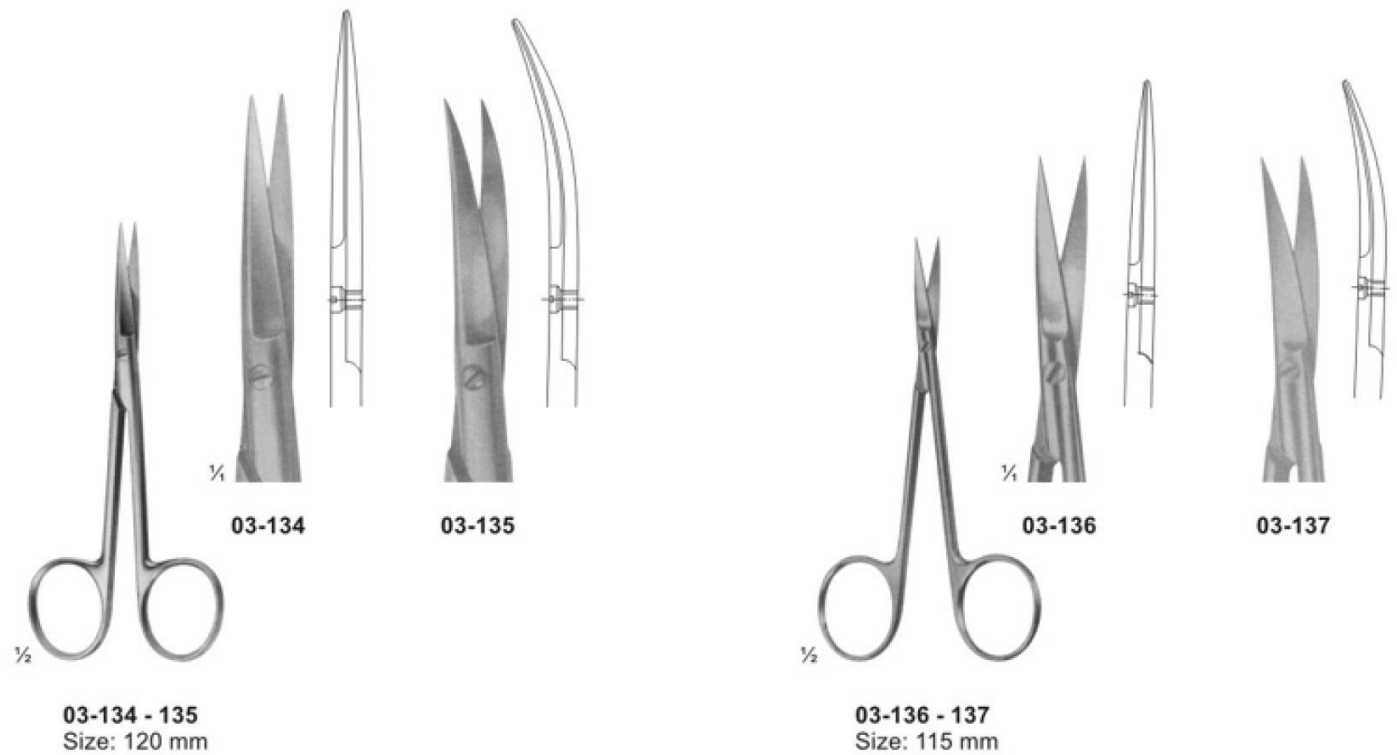
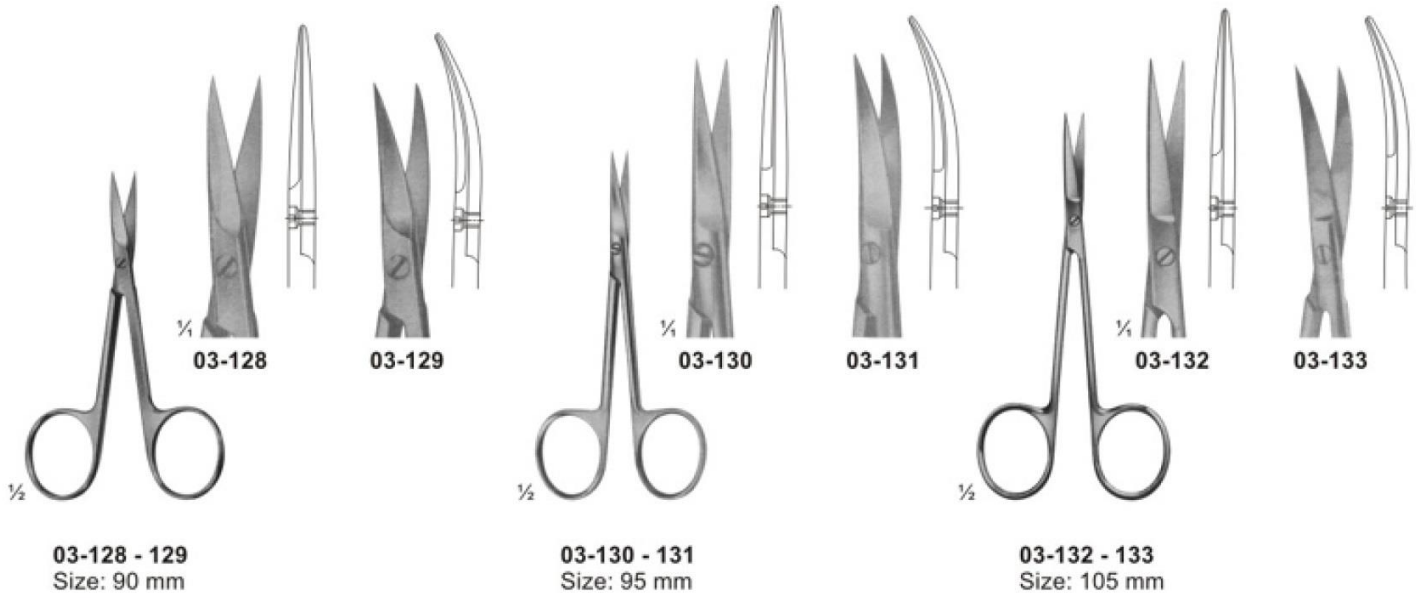
03-126



03-127

03-126 - 127
YASARGIL
 Size: 225 mm

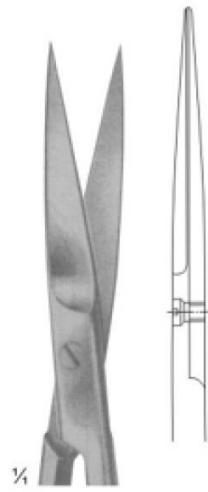
Delicate Scissors



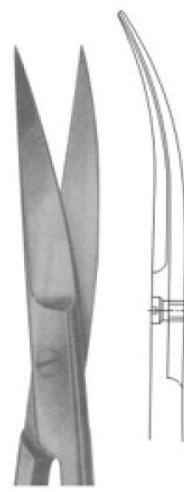
Delicate Scissors



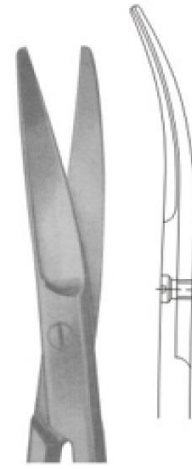
03-138 - 140
 Size: 120 mm



03-138



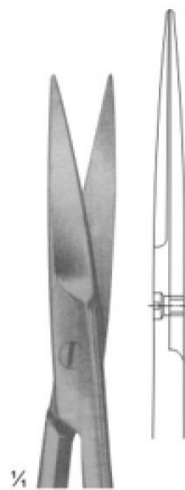
03-139



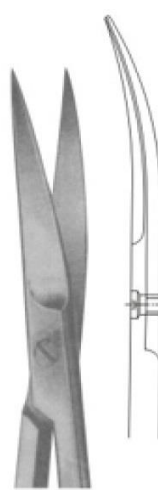
03-140



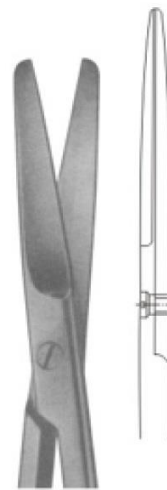
03-141 - 144
 Size: 130 mm



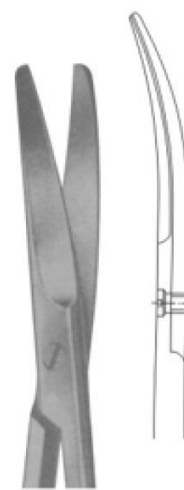
03-141



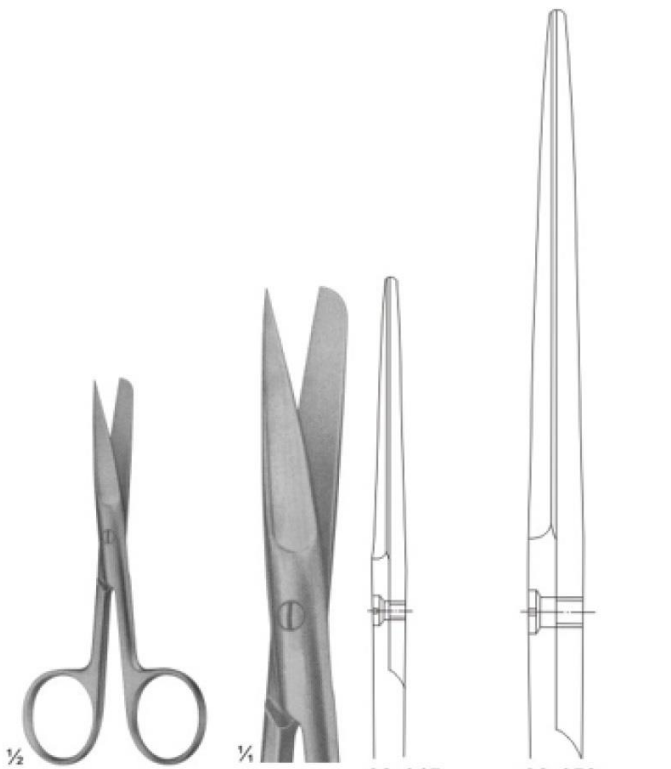
03-142



03-143



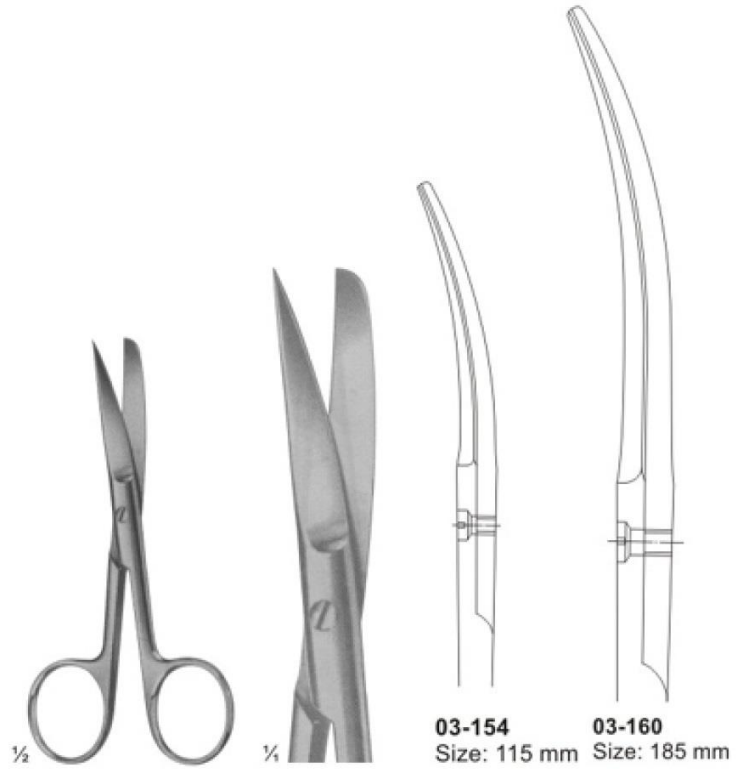
03-144



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

03-145
 Size: 105 mm

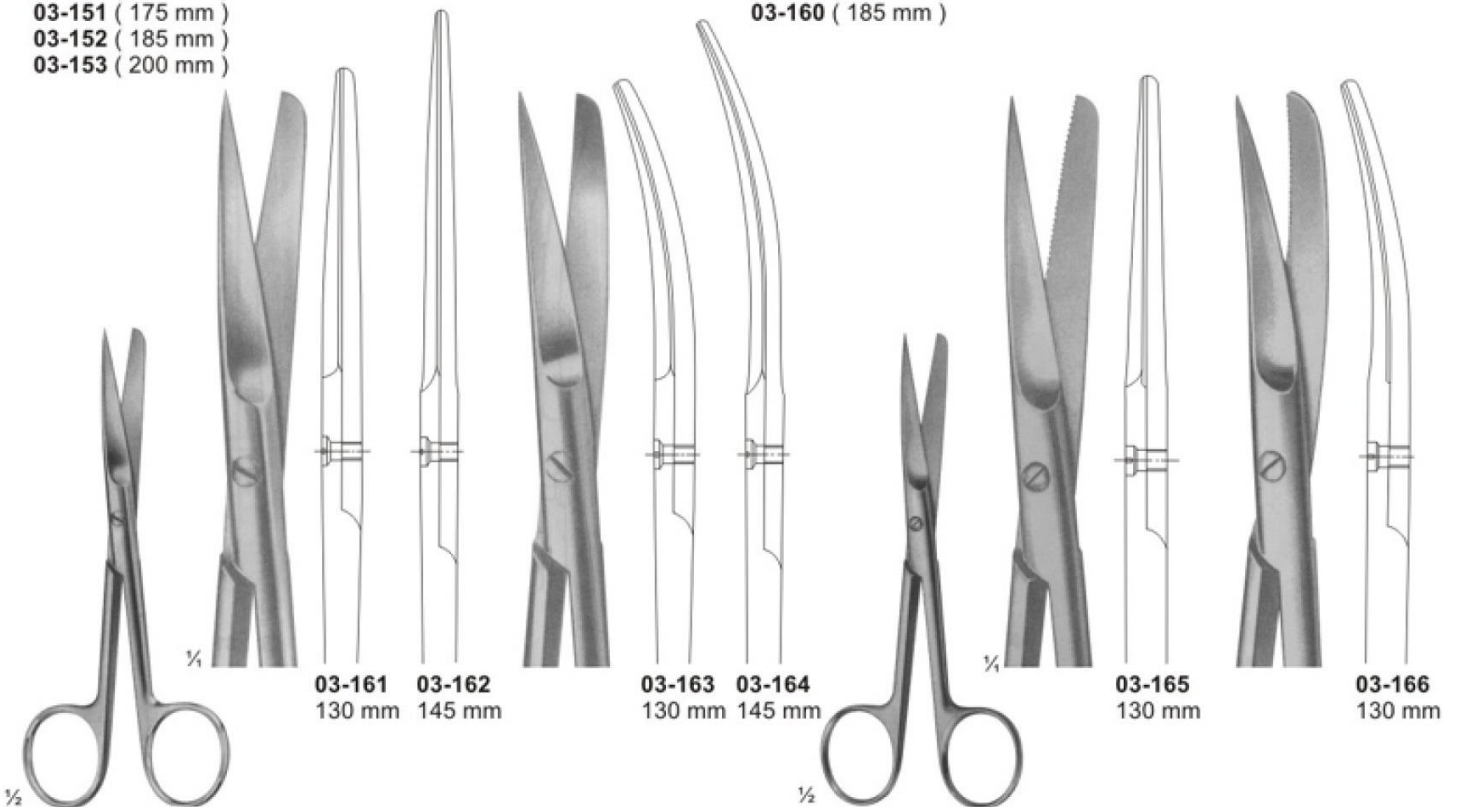
03-153
 Size: 200 mm



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

03-154
 Size: 115 mm

03-160
 Size: 185 mm



03-161 - 164
 Slender types

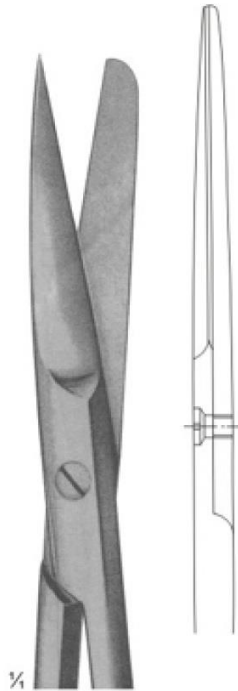
03-165 - 166
 for wound edges
 1 blade serrated

Surgical Scissors



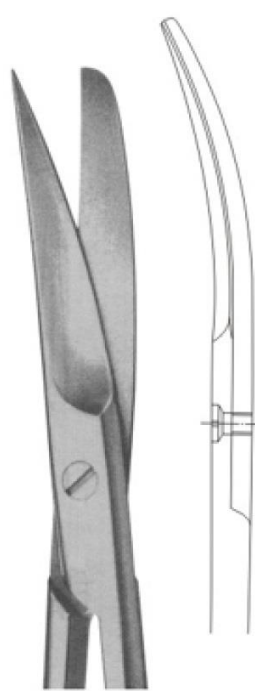
1/2

03-167 - 169
DEAVER
 with flat lock



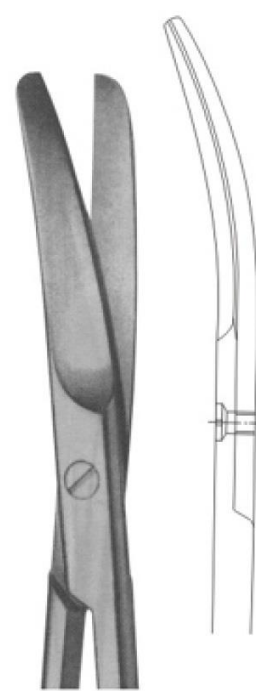
1/4

03-167
 Size: 145 mm



1/4

03-168
 Size: 145 mm



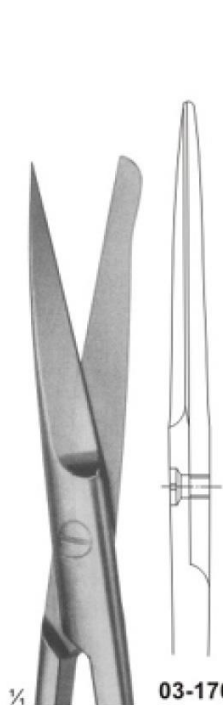
1/4

03-169
 Size: 145 mm



1/2

03-170 - 172
 Incision scissors



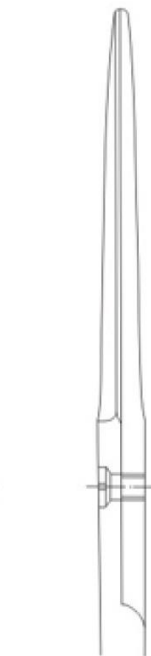
1/4

03-170
 Size: 130 mm



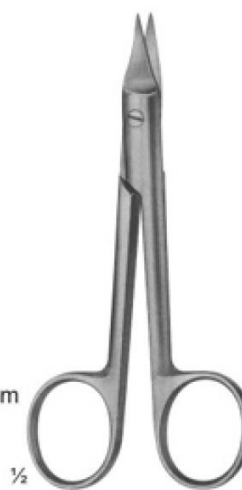
1/4

03-171
 Size: 145 mm



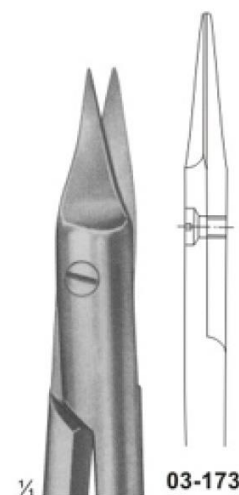
1/4

03-172
 Size: 165 mm



1/2

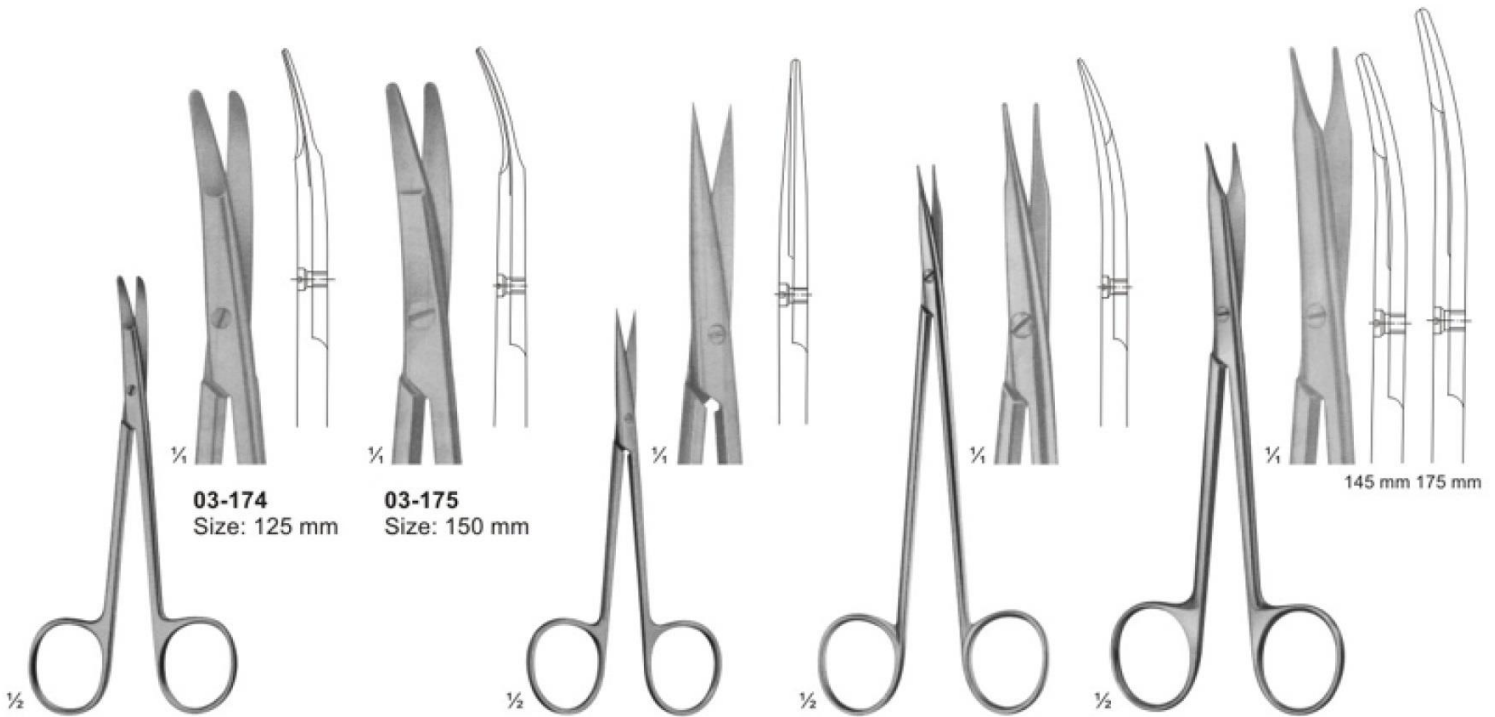
03-173
SYSTRUNK
 Nail splitting scissors



1/4

03-173
 Size: 130 mm

Dissecting Scissors

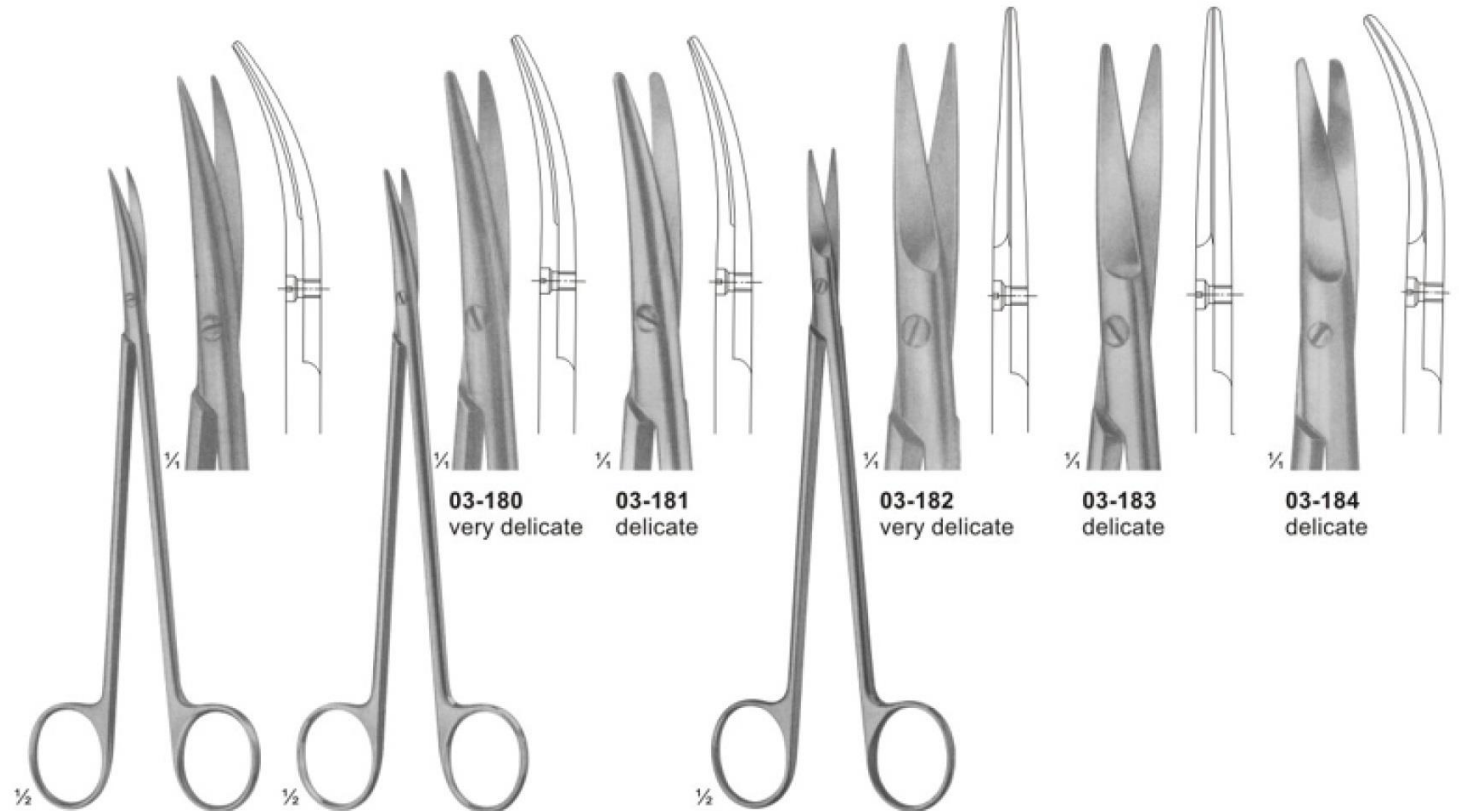


03-174 - 175
KILNER
 Special flat points for dissecting
 and undermining the skin

03-176
KILNER
 Fine dissecting scissors
 Size: 115 mm

03-177
JAMESON
 Dissecting scissors
 Size: 150 mm

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

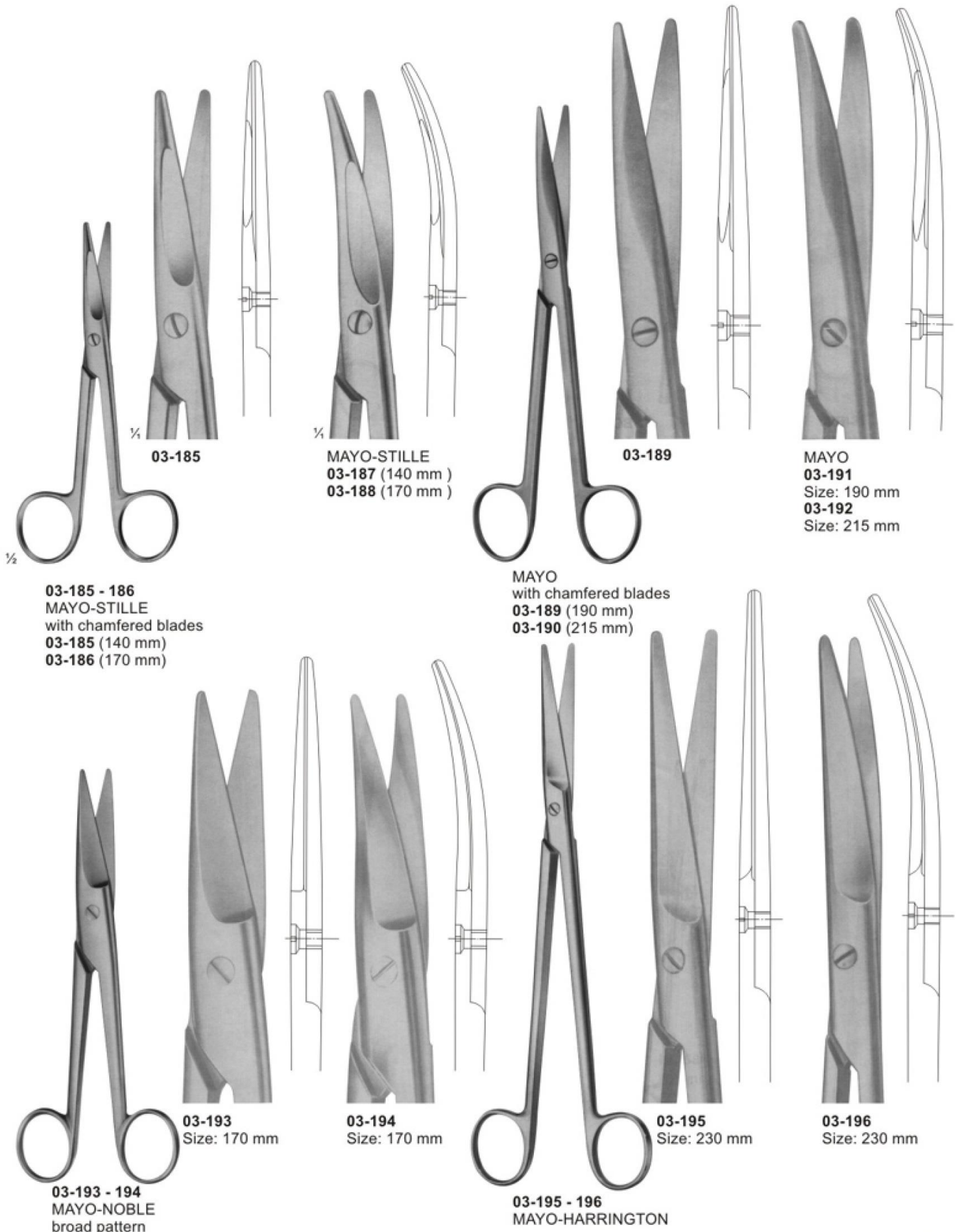


03-179
DE BAKEY
 Arteriotomy scissors
 Size: 175 mm

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

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

Dissecting Scissors



03-185

MAYO-STILLE
03-187 (140 mm)
03-188 (170 mm)

03-189

MAYO
03-191
 Size: 190 mm
03-192
 Size: 215 mm

03-185 - 186
MAYO-STILLE
 with chamfered blades
03-185 (140 mm)
03-186 (170 mm)

MAYO
 with chamfered blades
03-189 (190 mm)
03-190 (215 mm)

03-193
 Size: 170 mm

03-194
 Size: 170 mm

03-195
 Size: 230 mm

03-196
 Size: 230 mm

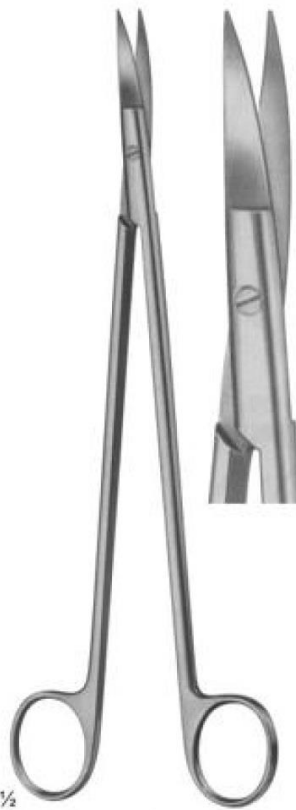
03-193 - 194
MAYO-NOBLE
 broad pattern

03-195 - 196
MAYO-HARRINGTON

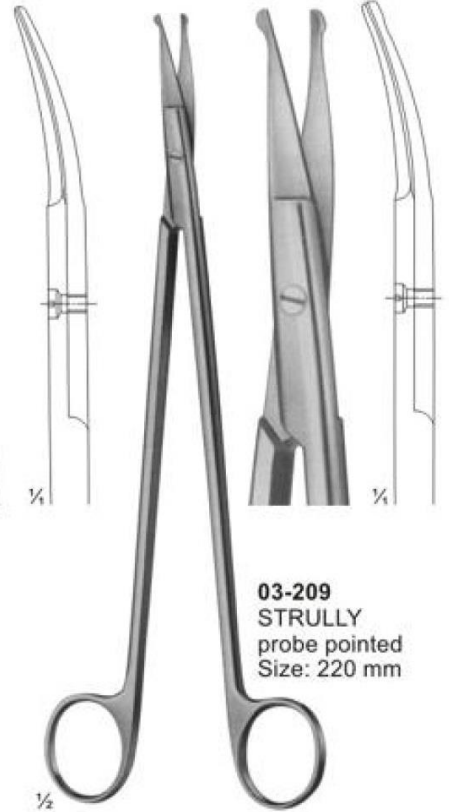
Scissors for Cardiovascular and Neuro-Surgery



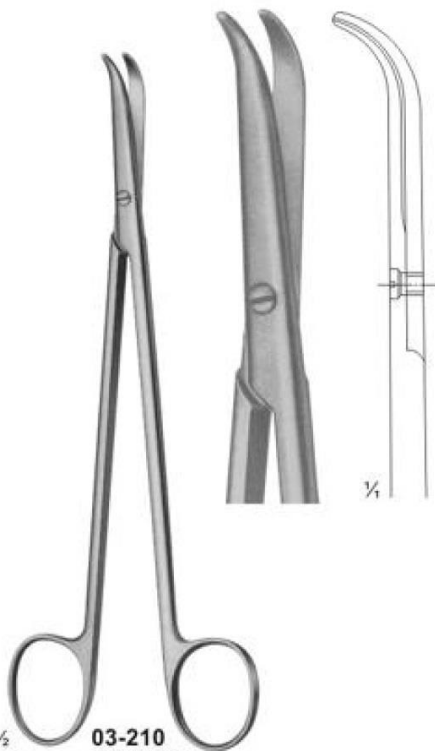
03-207
OLIVECRONA
 Dura scissors



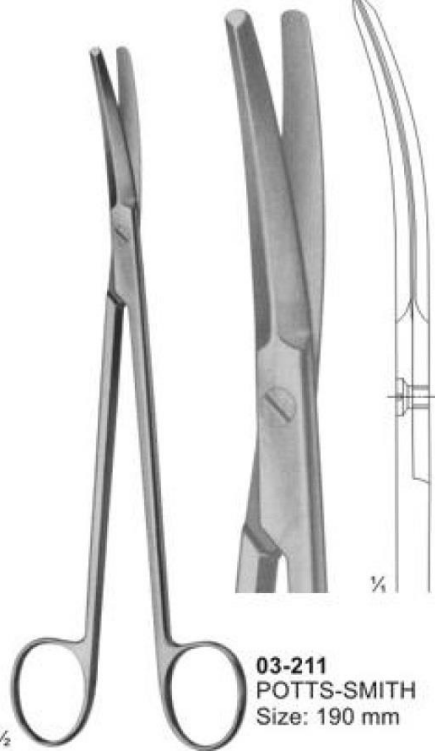
03-208
STRULLY
 pointed
 Size: 220 mm



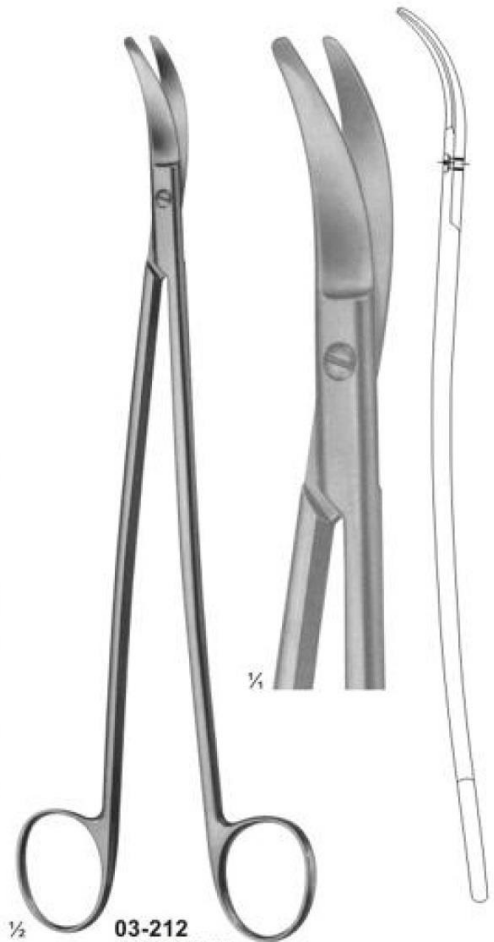
03-209
STRULLY
 probe pointed
 Size: 220 mm



03-210
THOREK
 Size: 180 mm

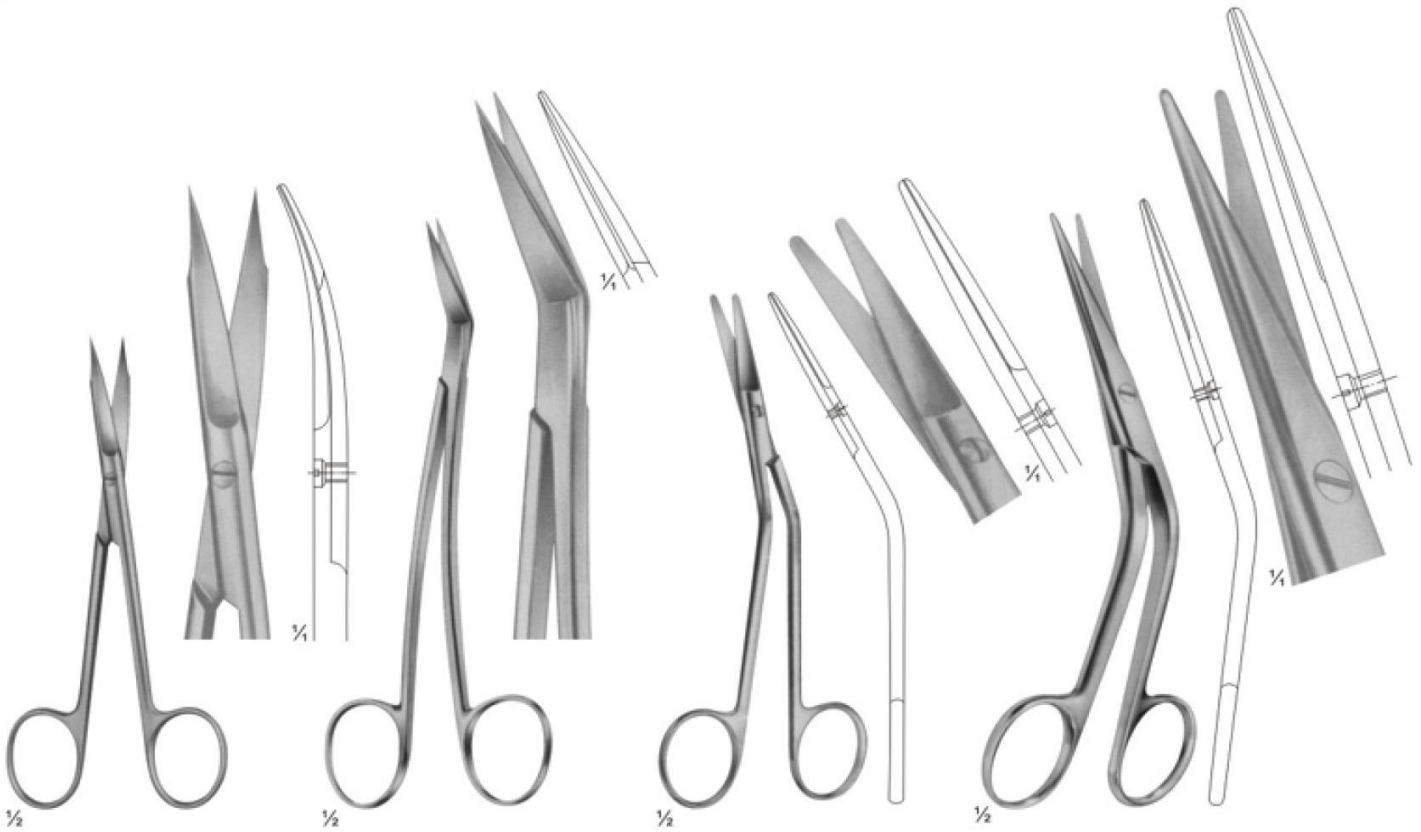


03-211
POTTS-SMITH
 Size: 190 mm



03-212
SATINSKY
 Size: 245 mm

Delicate, Nasal and Tonsil Scissors

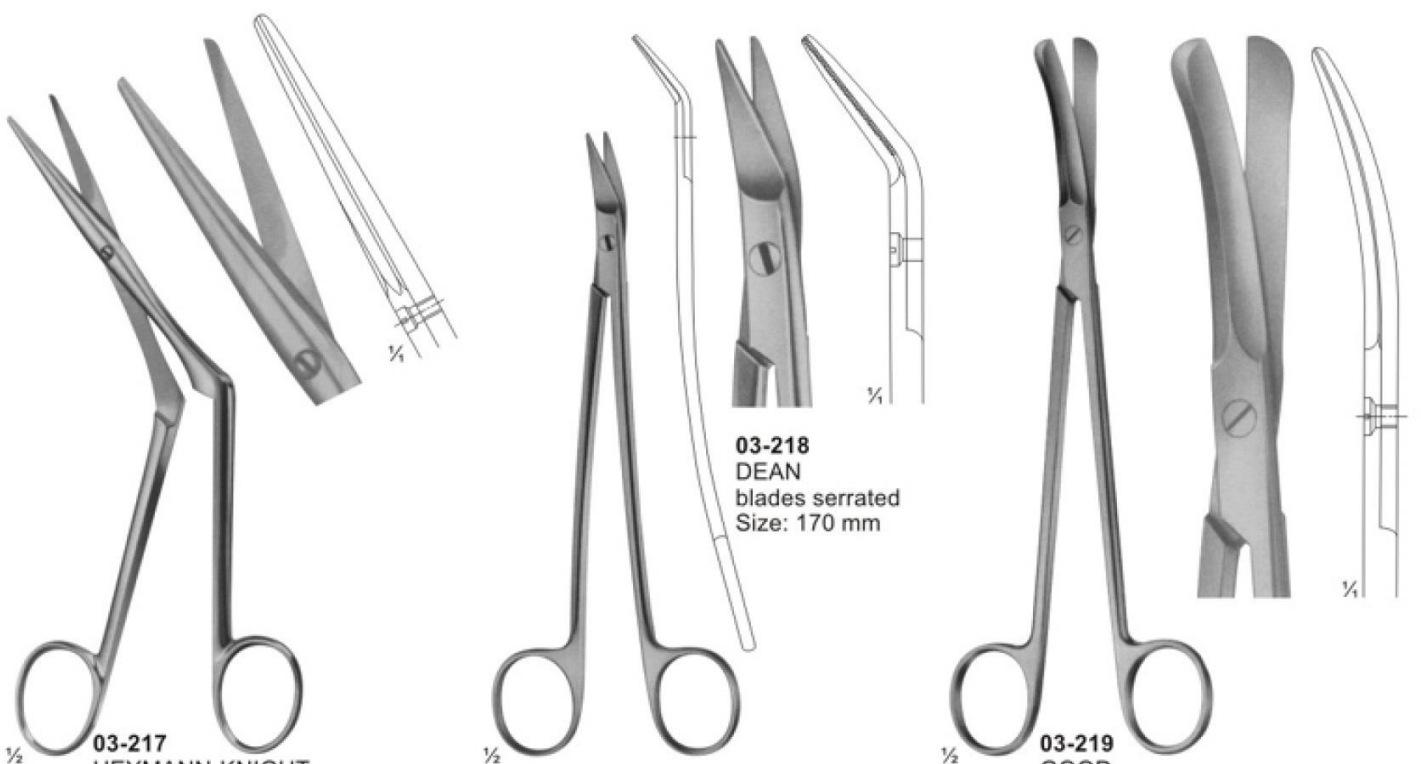


03-213
 1 finely toothed blade
 Size: 130 mm

03-214
 LOCKLIN
 curved sideways,
 1 toothed blade
 Size: 155 mm

03-215
 FOMON
 blades serrated
 Size: 145 mm

03-216
 COTTLE
 Size: 165 mm

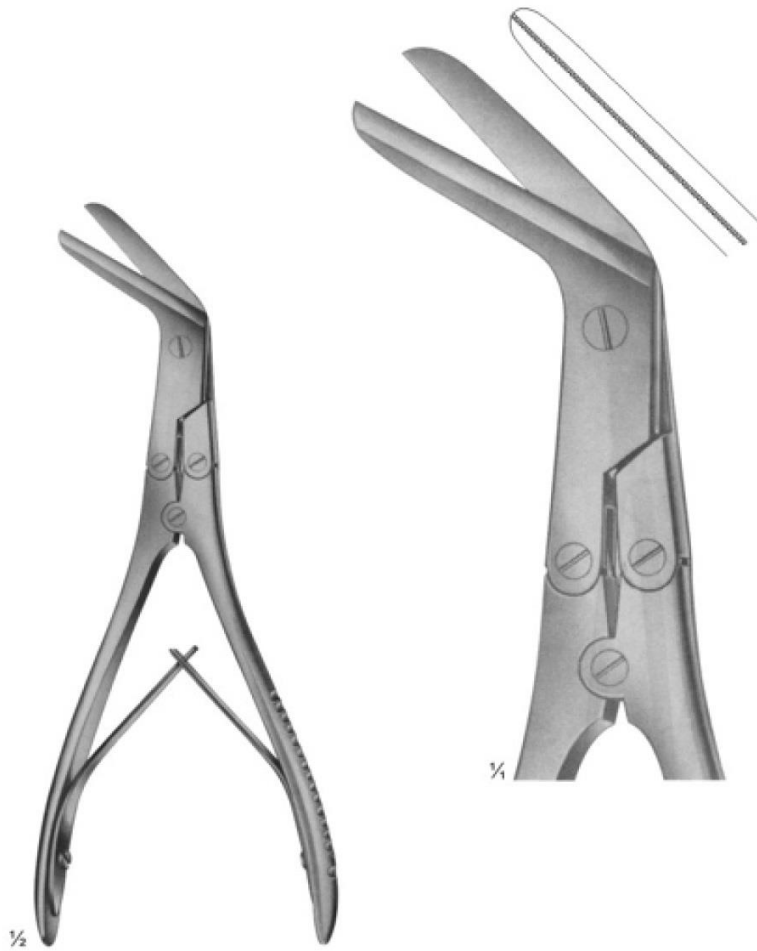


03-217
 HEYMANN-KNIGHT
 Size: 175 mm

03-218
 DEAN
 blades serrated
 Size: 170 mm

03-219
 GOOD
 Size: 195 mm

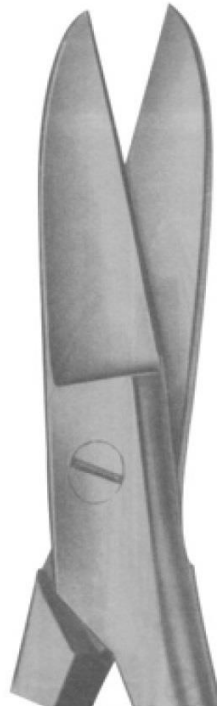
Bone Shears



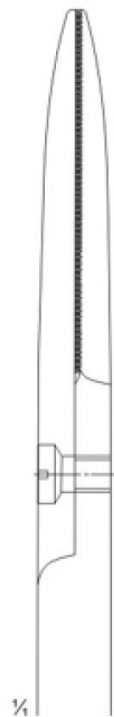
03-220
KILLIAN
Size: 200 mm



03-221 - 222



03-221
195 mm



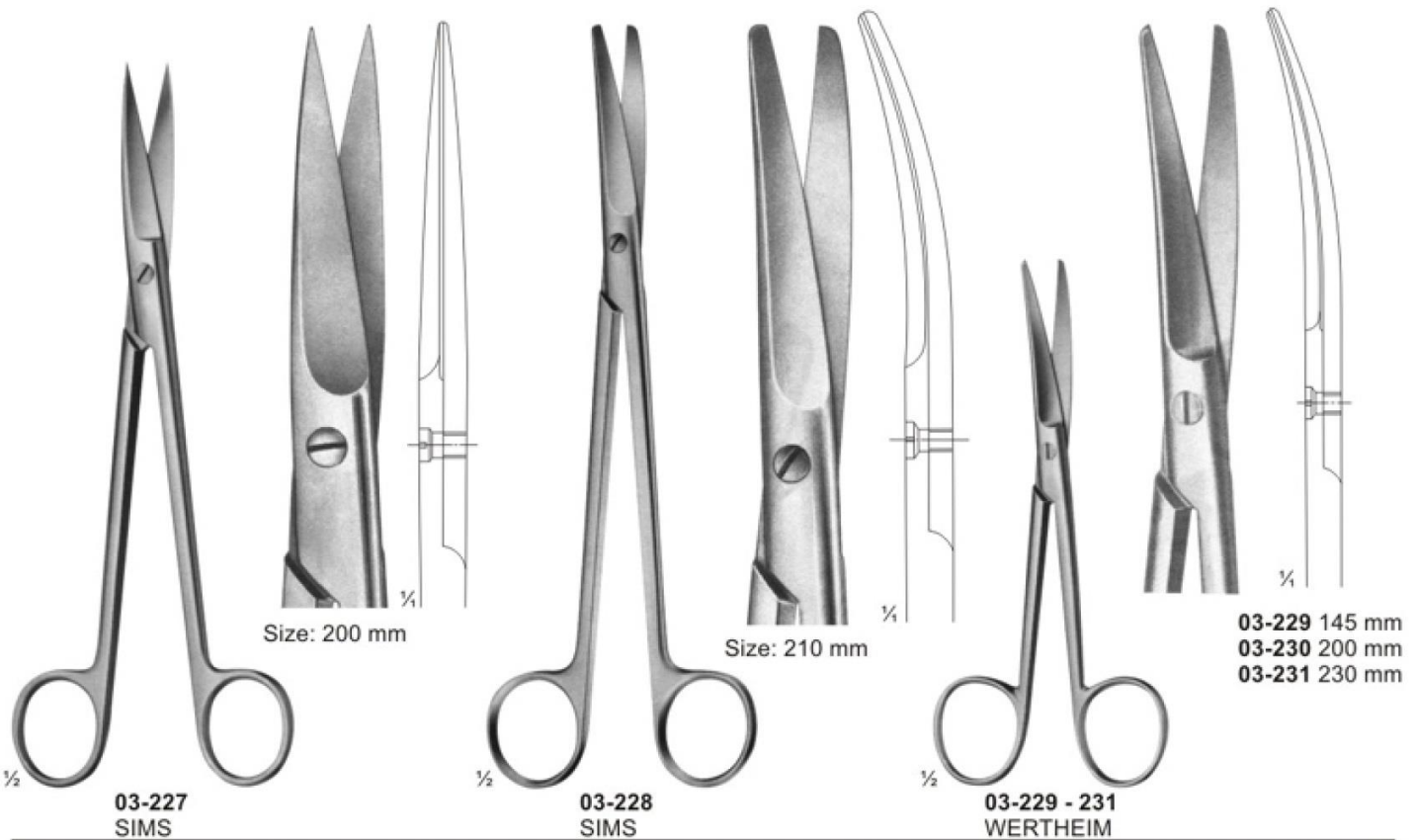
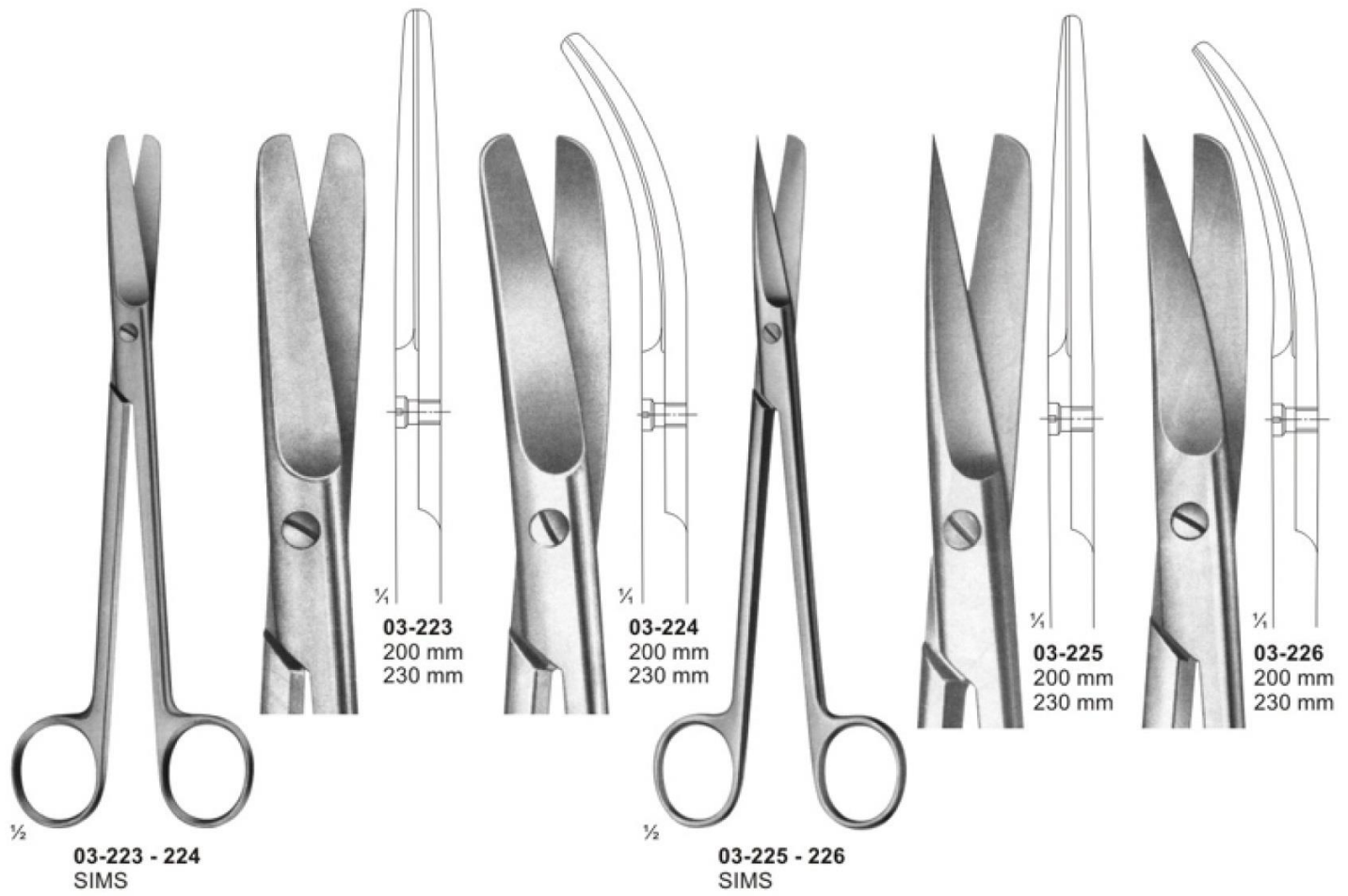
1/4



03-222
225 mm



1/4

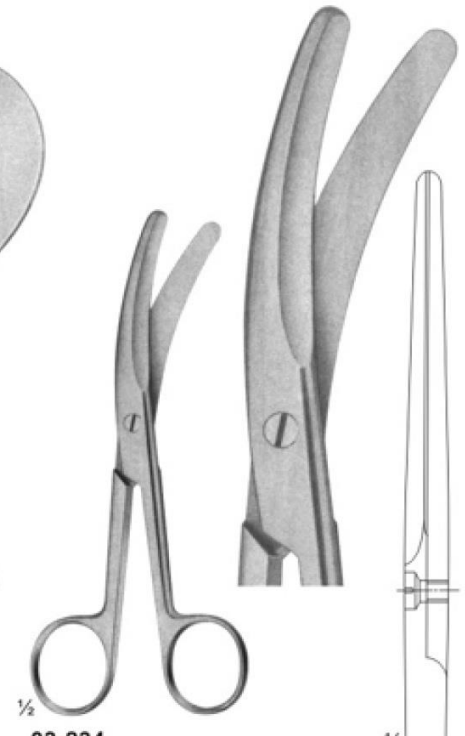




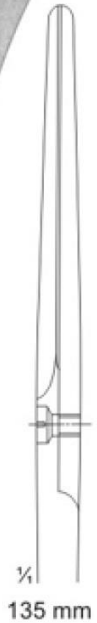
03-232
SCHUMACHER
 Umbilical cord scissors
 Size: 155 mm



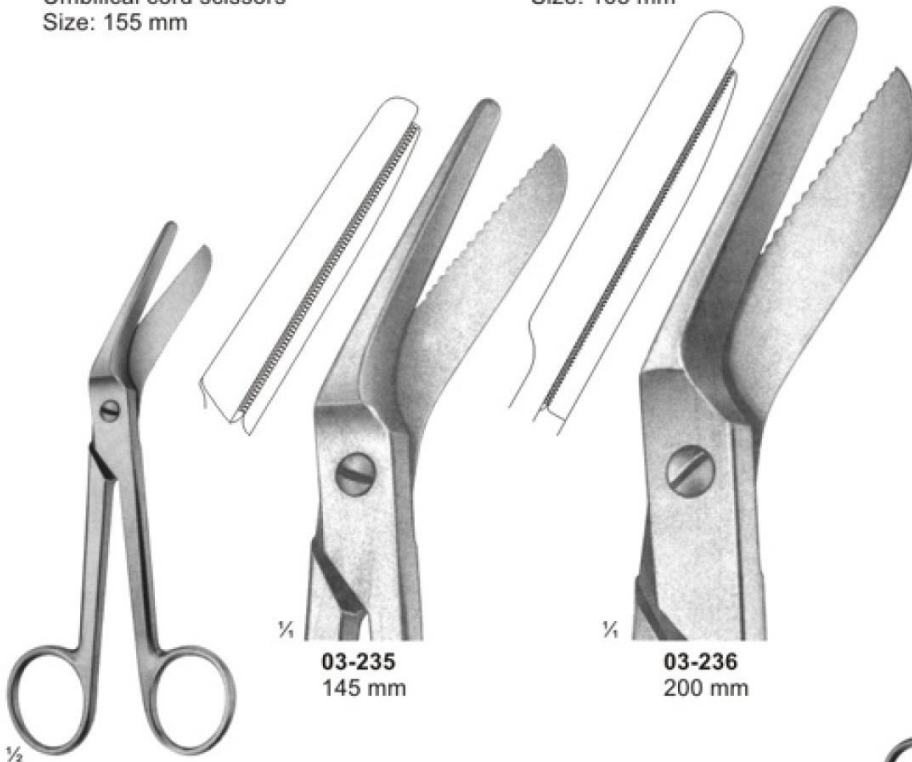
03-233
 Umbilical cord scissors
 Size: 105 mm



03-234
 Umbilical cord scissors



135 mm



03-235
 145 mm

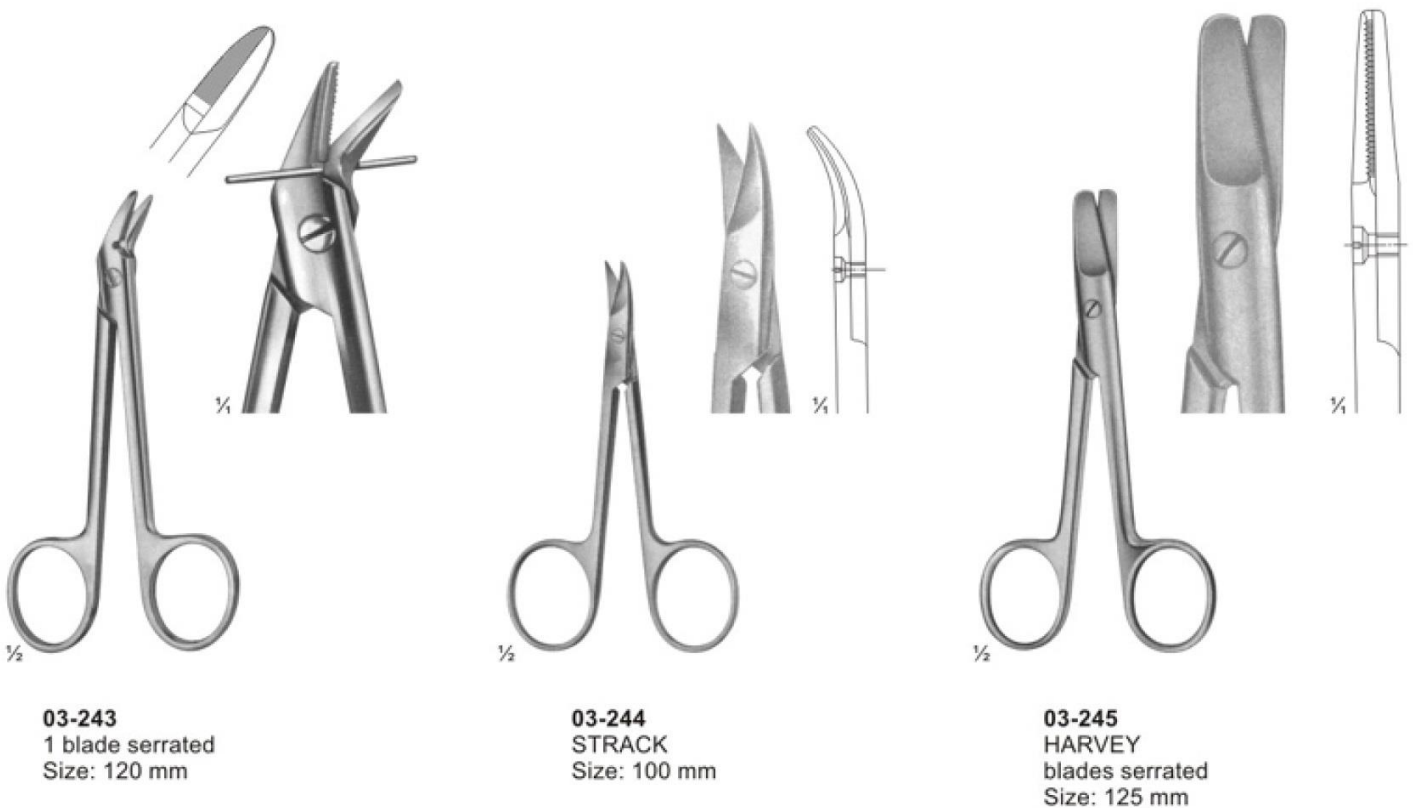
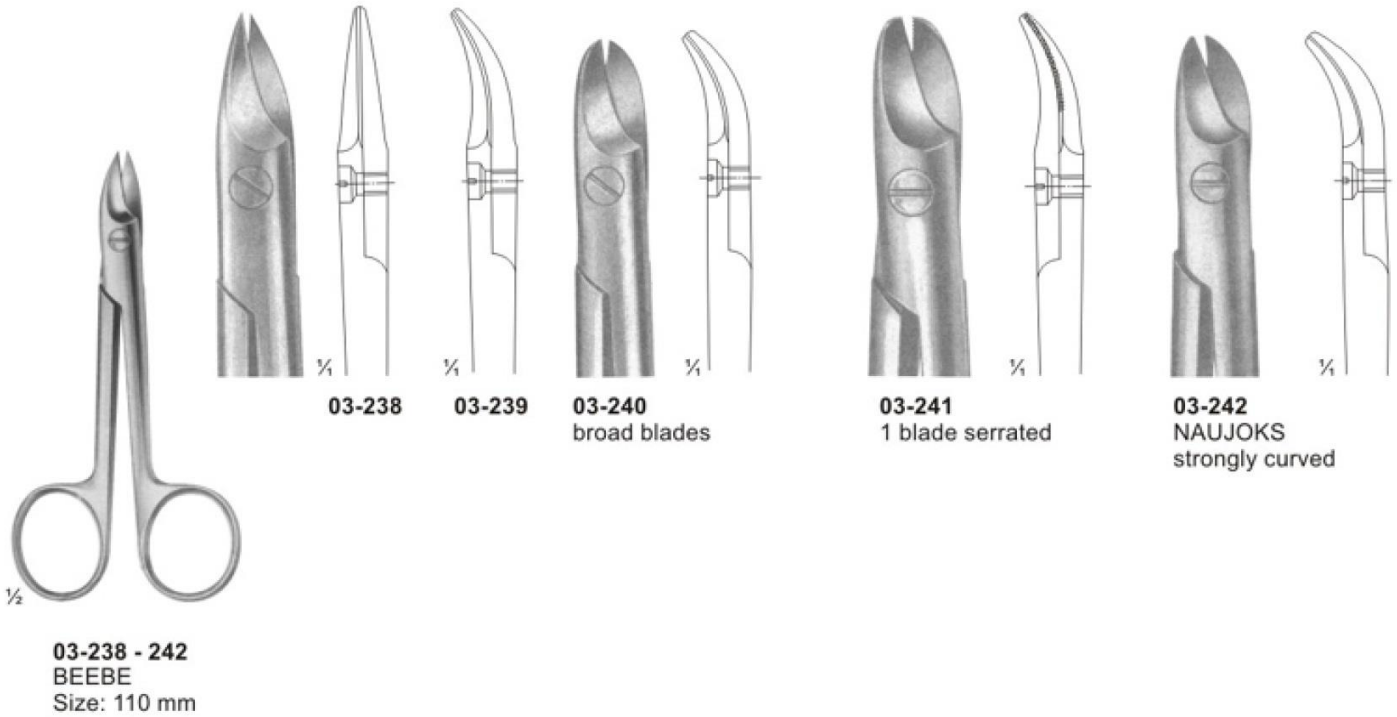
03-236
 200 mm

03-235 - 236
BRAUN-STADLER
 Episiotomy scissors



03-237
 Episiotomy scissors
 240 mm

Wire and Plate Scissors



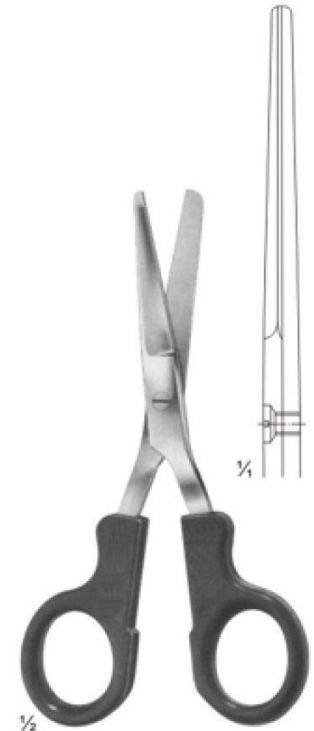
Bandage and Cloth Scissors



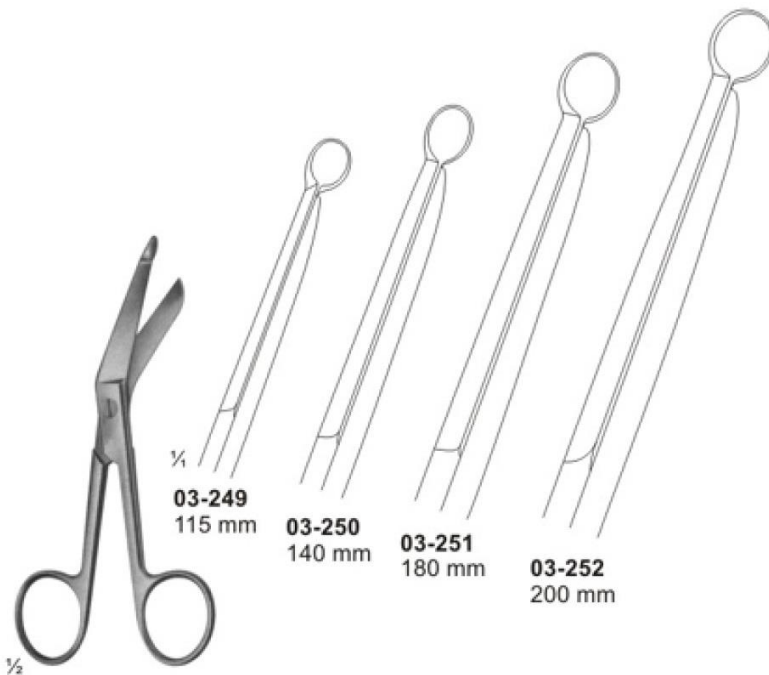
03-246
 Universal bandage and cloth scissors,
 with toothed edges
 180 mm



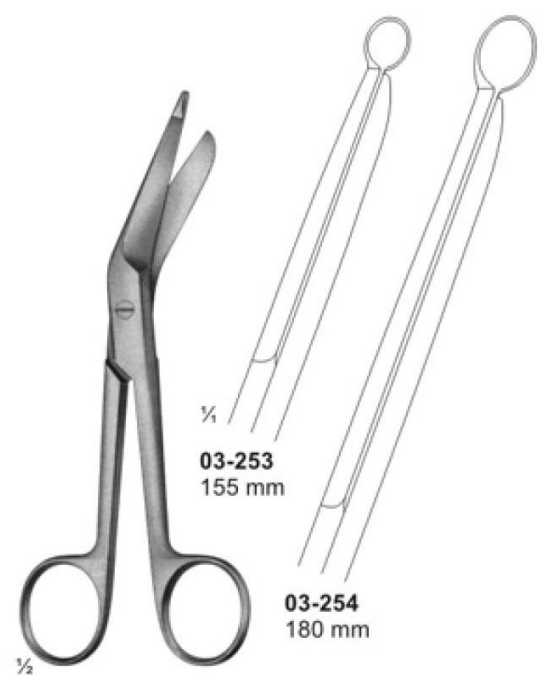
03-247
 LISTER
 Universal bandage and cloth scissors,
 with toothed edges
 Size: 145 mm



03-248
 LISTER
 Nurse's scissors
 Size: 145 mm



03-249 - 252
 LISTER



03-253 - 254
 LISTER

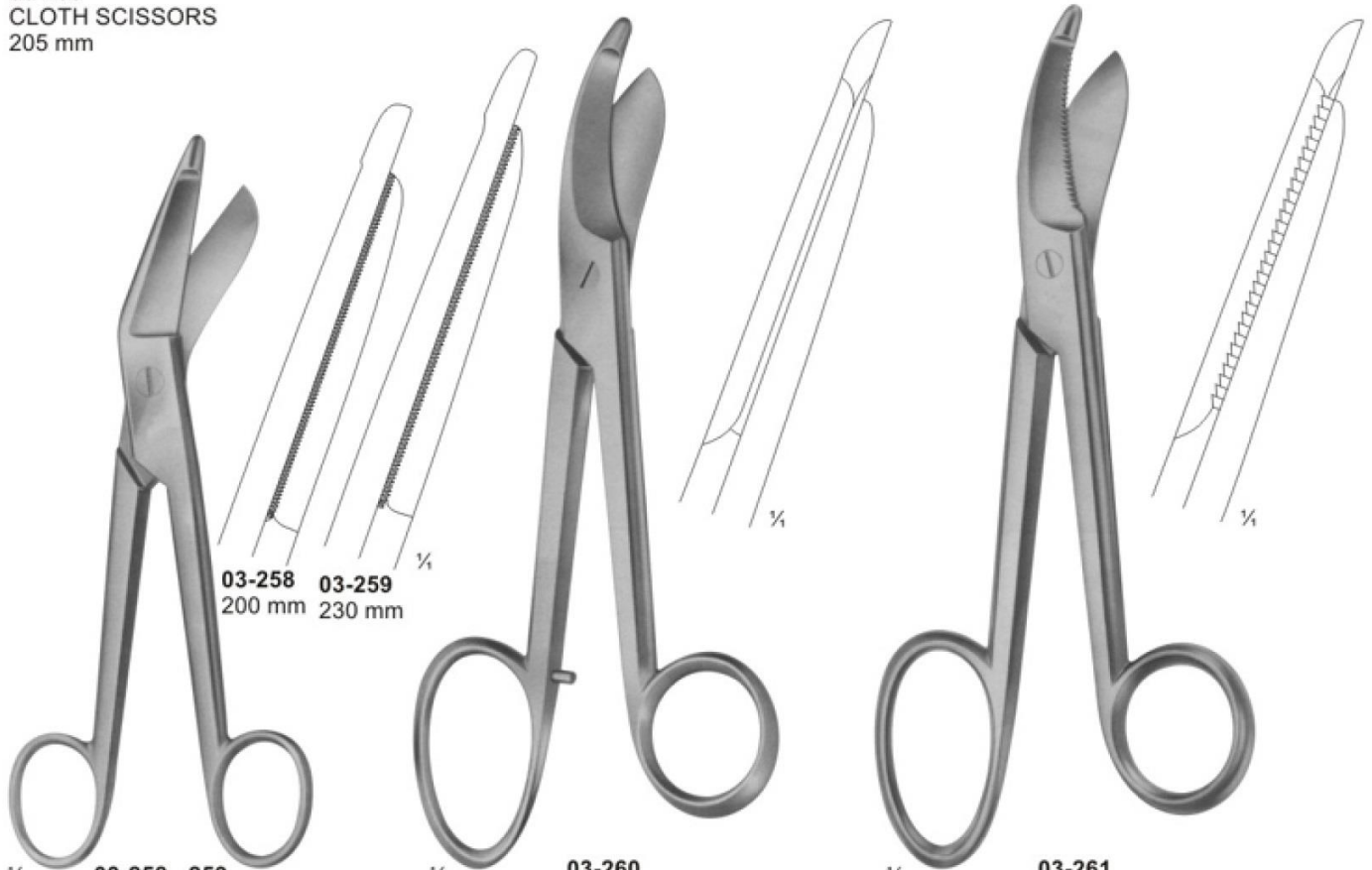
Bandage-, Cloth-, and Plaster Scissors



03-255
CLOTH SCISSORS
 205 mm

03-256
BRAUN-STADLER
 225 mm

03-257
SEUTIN
 230 mm

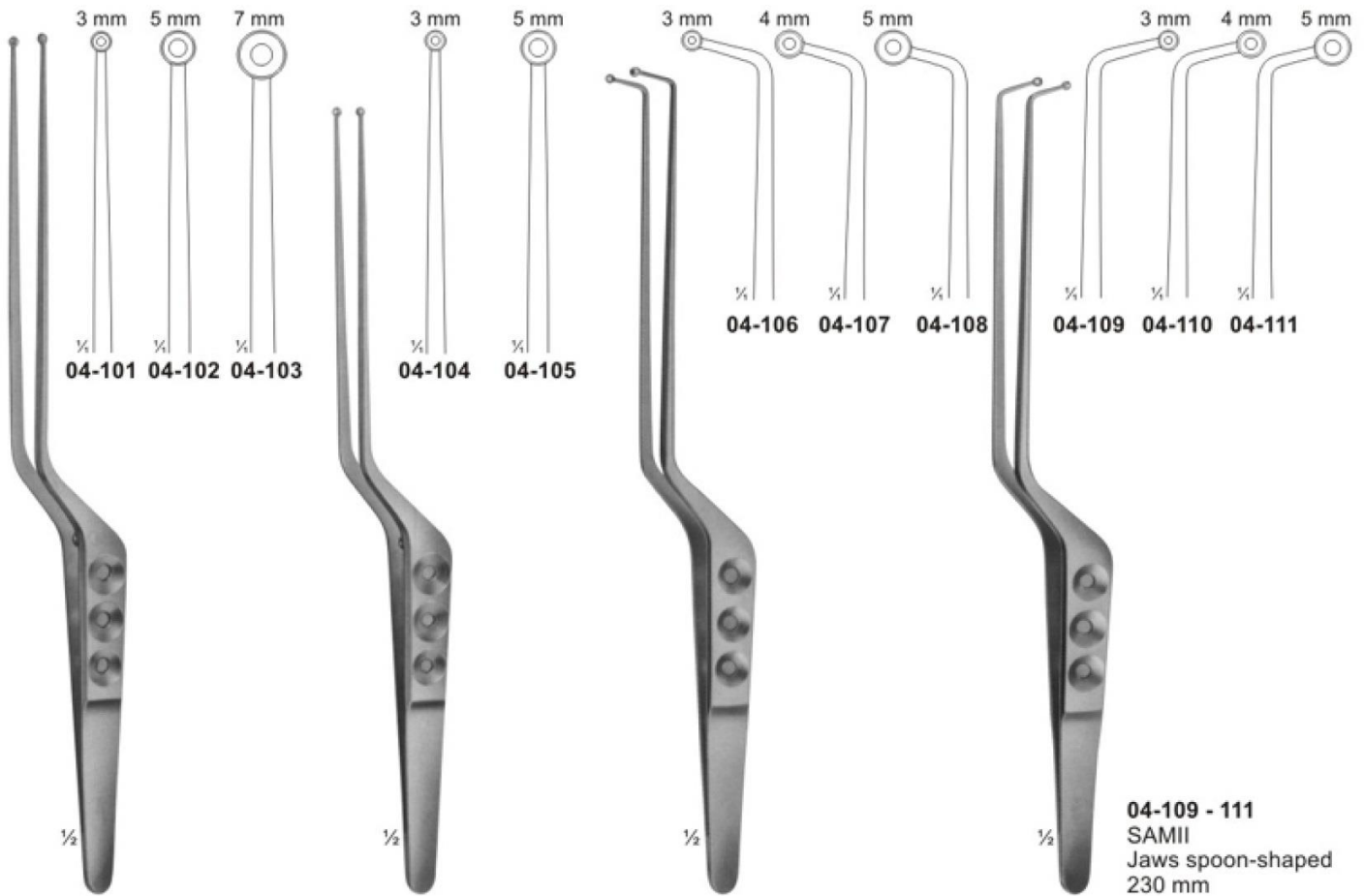


03-258 - 259
ESMARCH

03-260
BRUNS
 235 mm

03-261
Bandage Scissors
 235 mm

Forceps for grasping tissue, tumors etc.

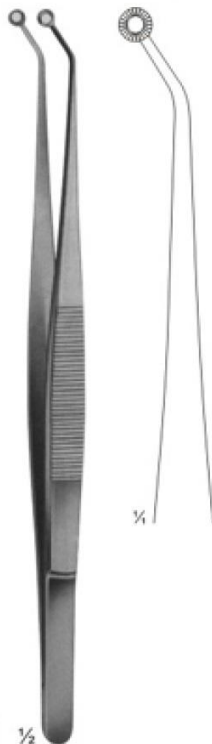


04-101 - 103
YASARGIL-SAMII
 Jaws spoon-shaped
 240 mm

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

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

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



04-112
HUNT
 Tumor-and vessel forceps
 200 mm

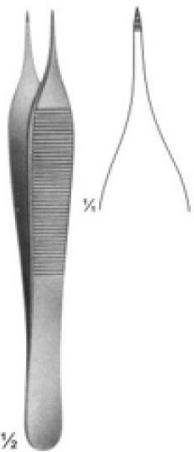


04-113
HUNT
 Tumor-and vessel forceps
 200 mm

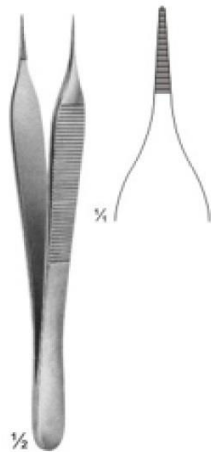


04-114
YASARGIL
 Tumor-and vessel forceps
 200 mm

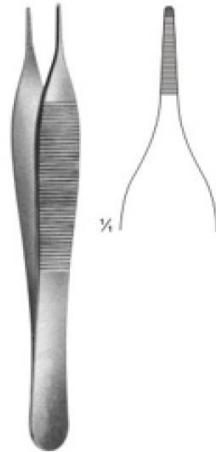
Delicate Dissecting, Microscopic, Sterilizing Forceps



04-115
THORPE
 Corneal forceps
 120 mm



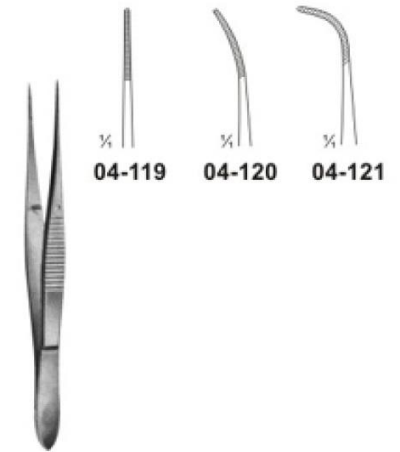
04-116
MICRO-ADSON
 120 mm



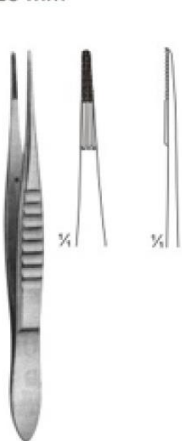
04-117
ADSON
 120 mm



04-118
MICRO-ADSON
 150 mm



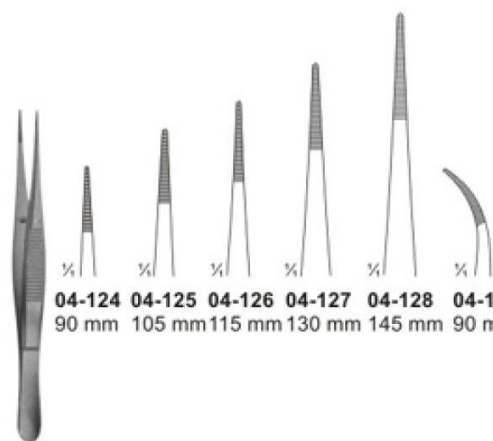
04-119 - 121
 100 mm



04-122
BONACCOLTO
 110 mm

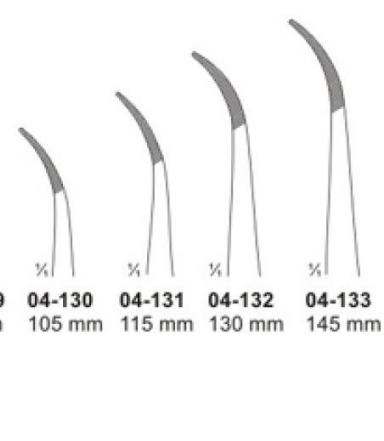


04-123
 115 mm

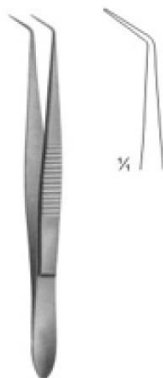


04-124 - 133

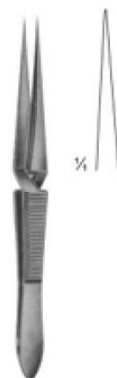
04-124 90 mm **04-125** 105 mm **04-126** 115 mm **04-127** 130 mm **04-128** 145 mm **04-129** 90 mm **04-130** 105 mm **04-131** 115 mm **04-132** 130 mm **04-133** 145 mm



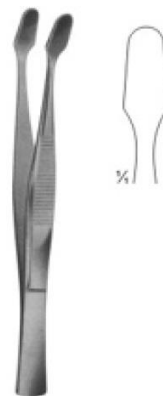
04-134
 100 mm



04-135
 100 mm



04-136
 100 mm

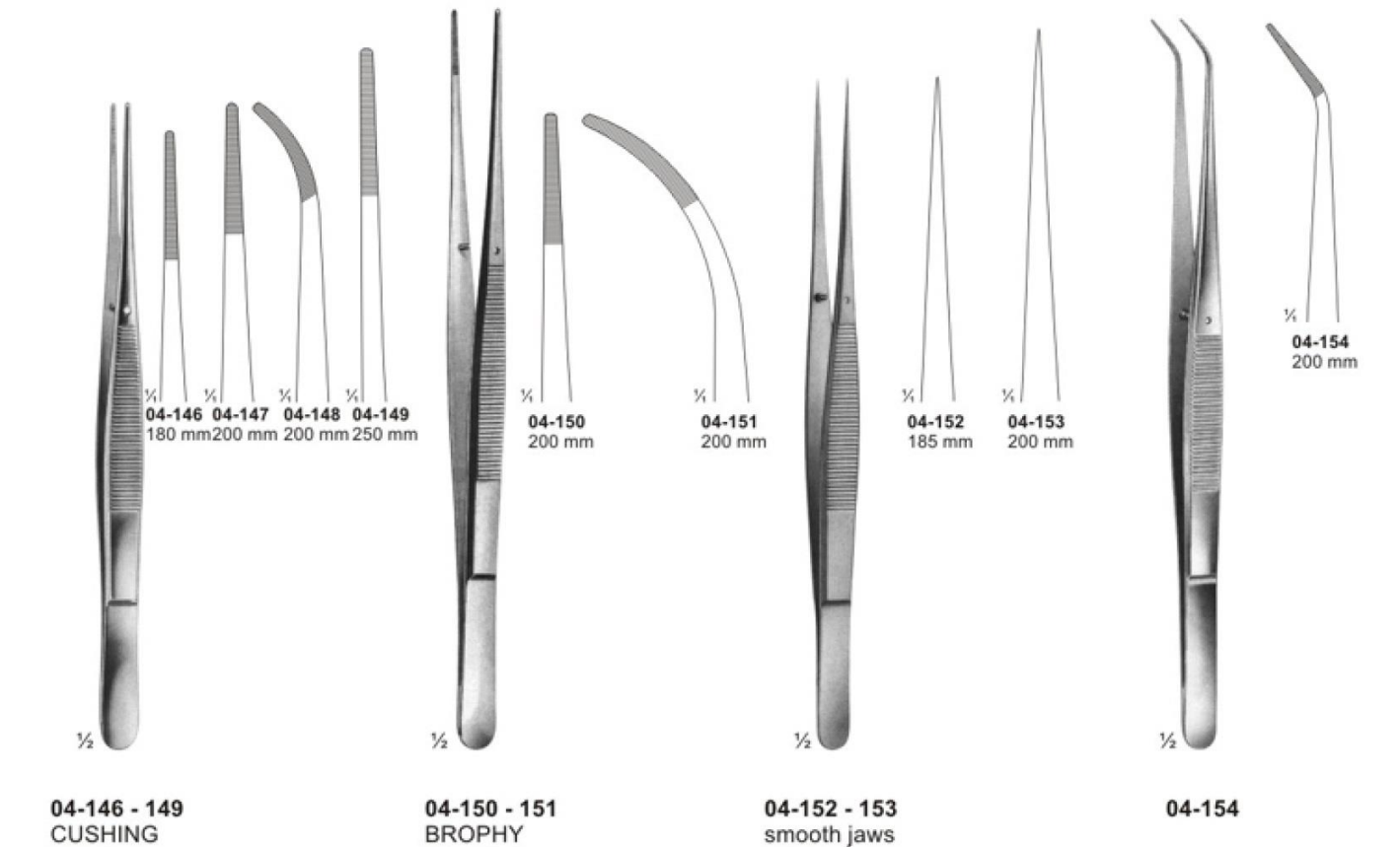
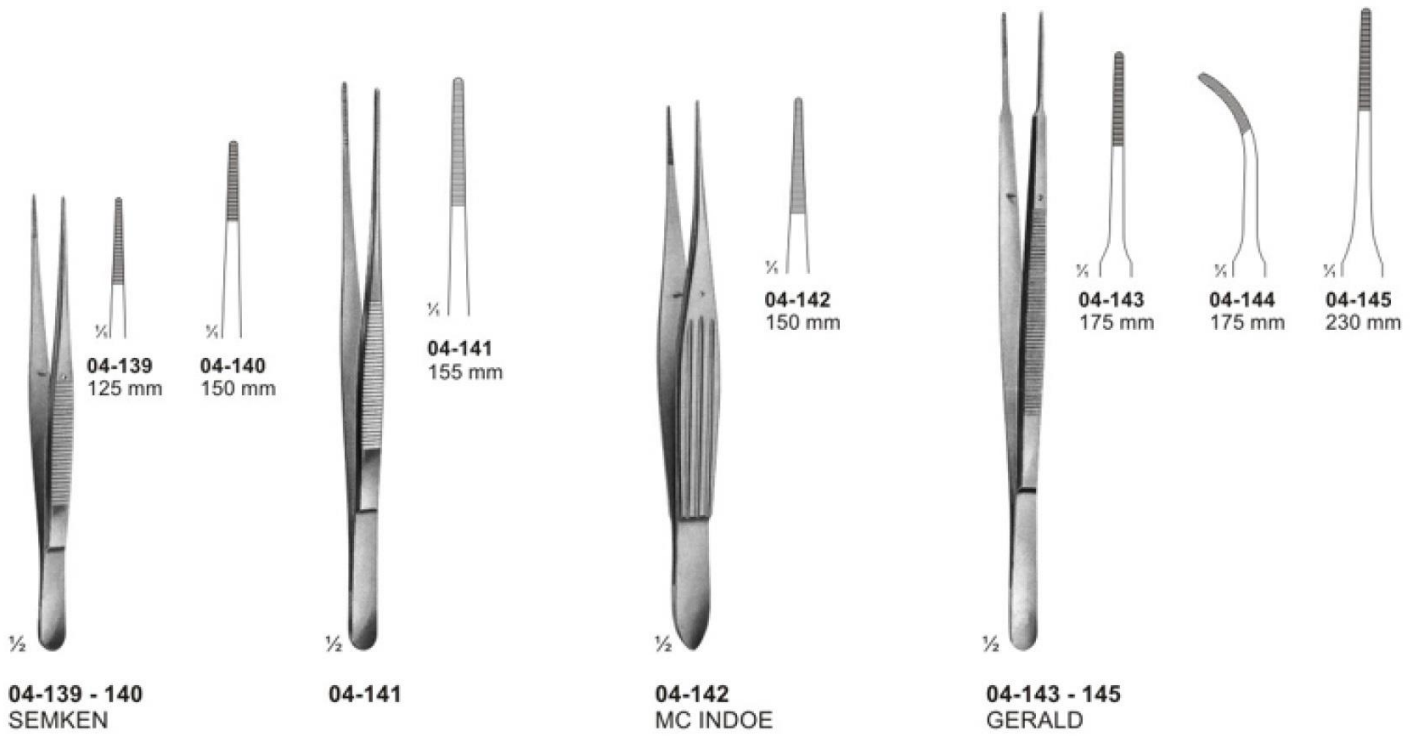


04-137
KUHNE
 Cover glass forceps, 105 mm

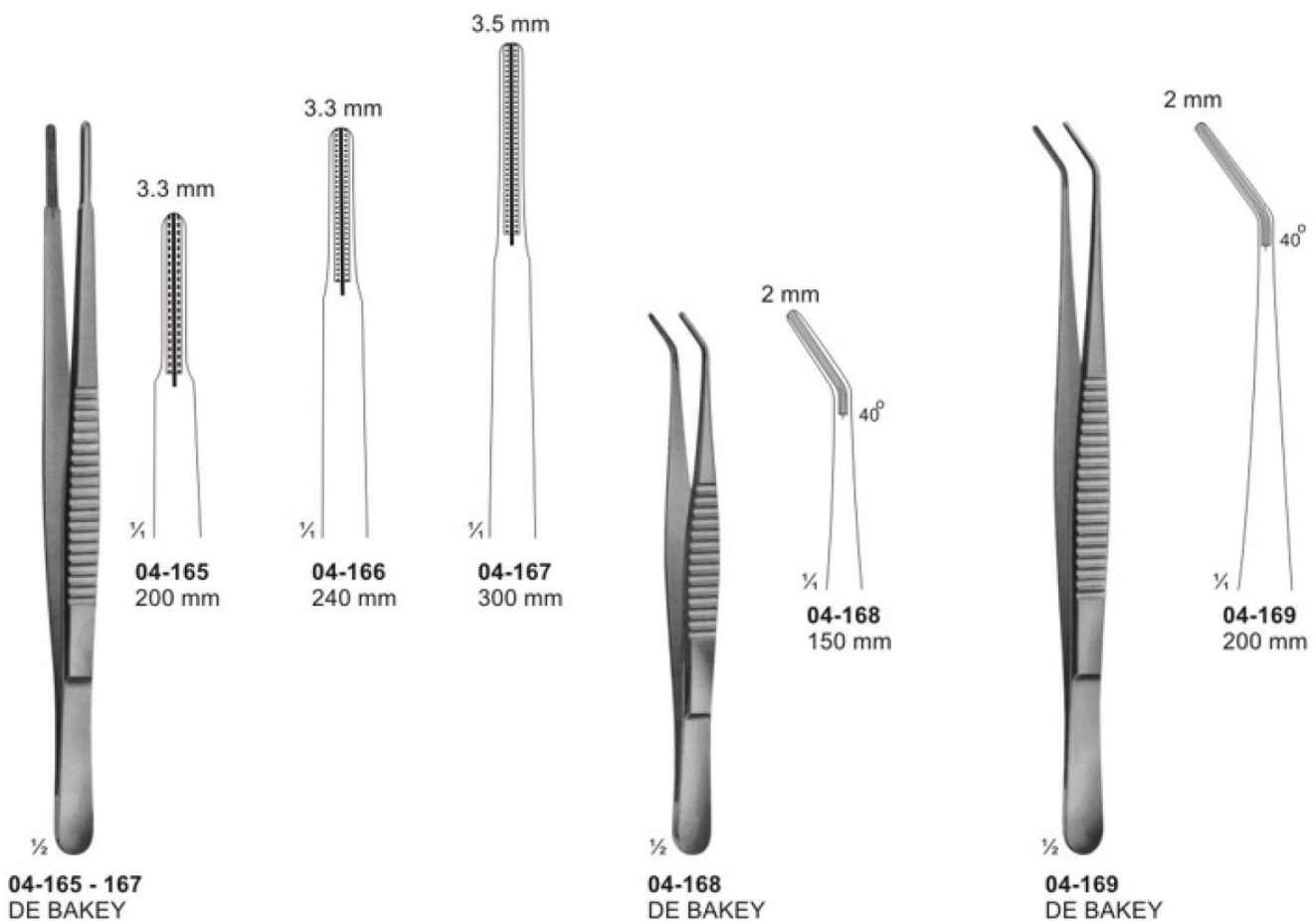
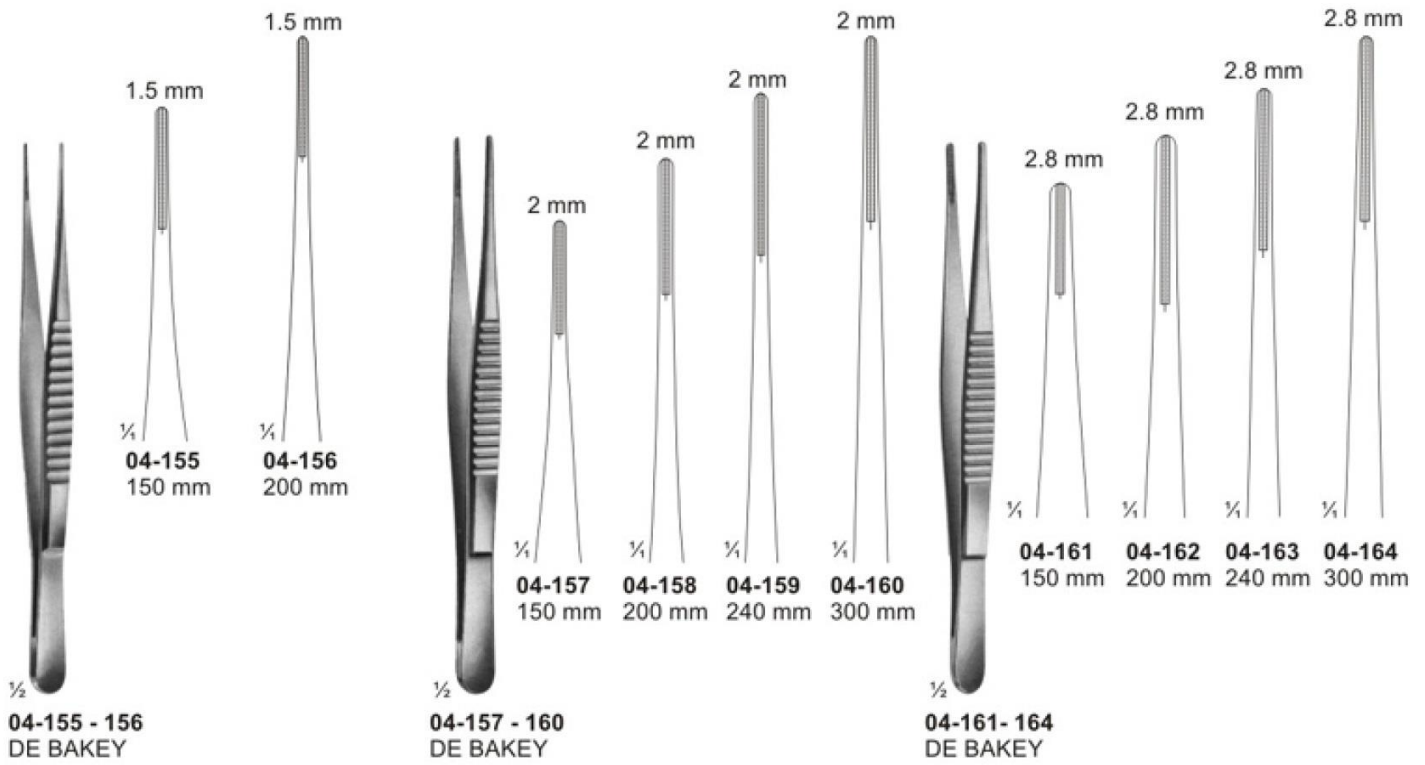


04-138
 160 mm

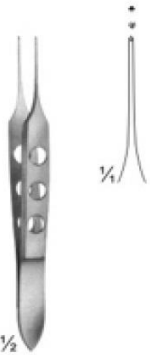
Delicate Dissecting Forceps



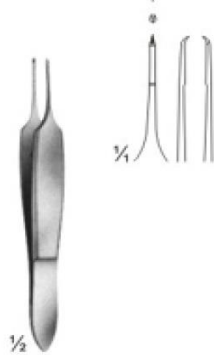
Forceps



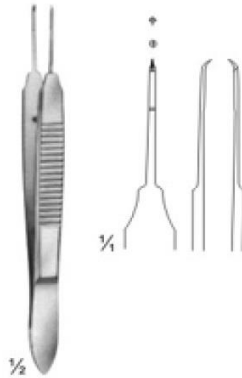
Delicate Tissue Forceps



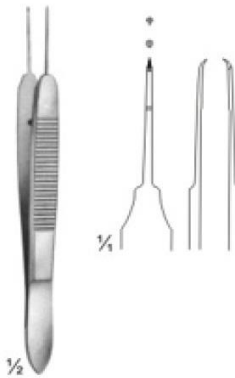
04-170
BISHOP-HARMON
 85 mm



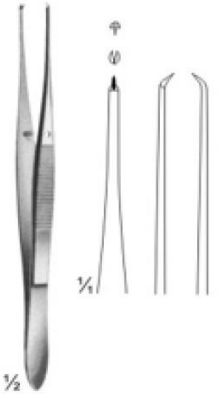
04-171
ST. MARTIN
 80 mm



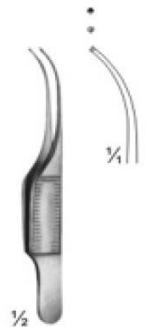
04-172
CASTROVIEJO
 teeth 0.9 mm
 100 mm



04-173
CASTROVIEJO
 teeth 0.5 mm
 100 mm



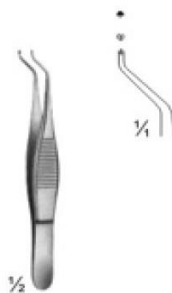
04-174
ELSCHING
 110 mm



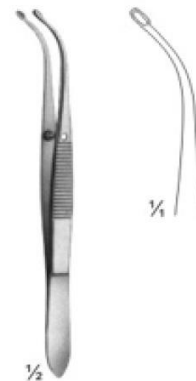
04-175
GILL
 75 mm



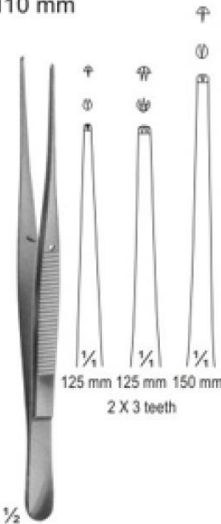
04-176
GILL - HESS
 75 mm



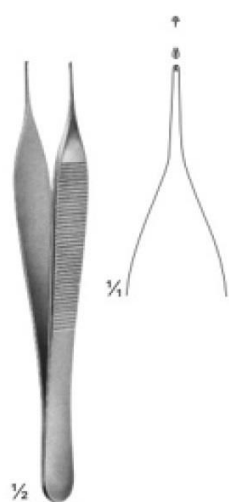
04-177
HESS
 70 mm



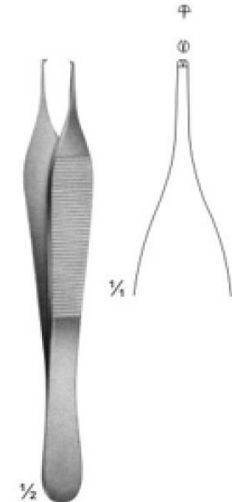
04-178
ARRUGA
 100 mm



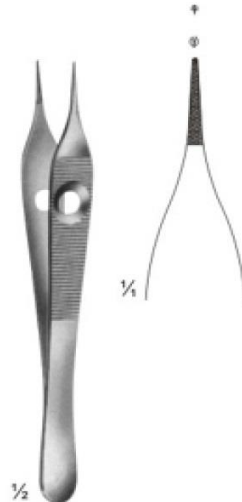
04-179
SEMKEN
 125 mm 125 mm 150 mm
 2 X 3 teeth



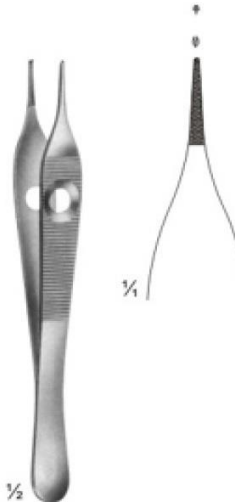
04-180
MICRO-ADSON
 120 mm



04-181
ADSON
 120 mm



04-182
ADSON
 120 mm



04-183
ADSON
 120 mm

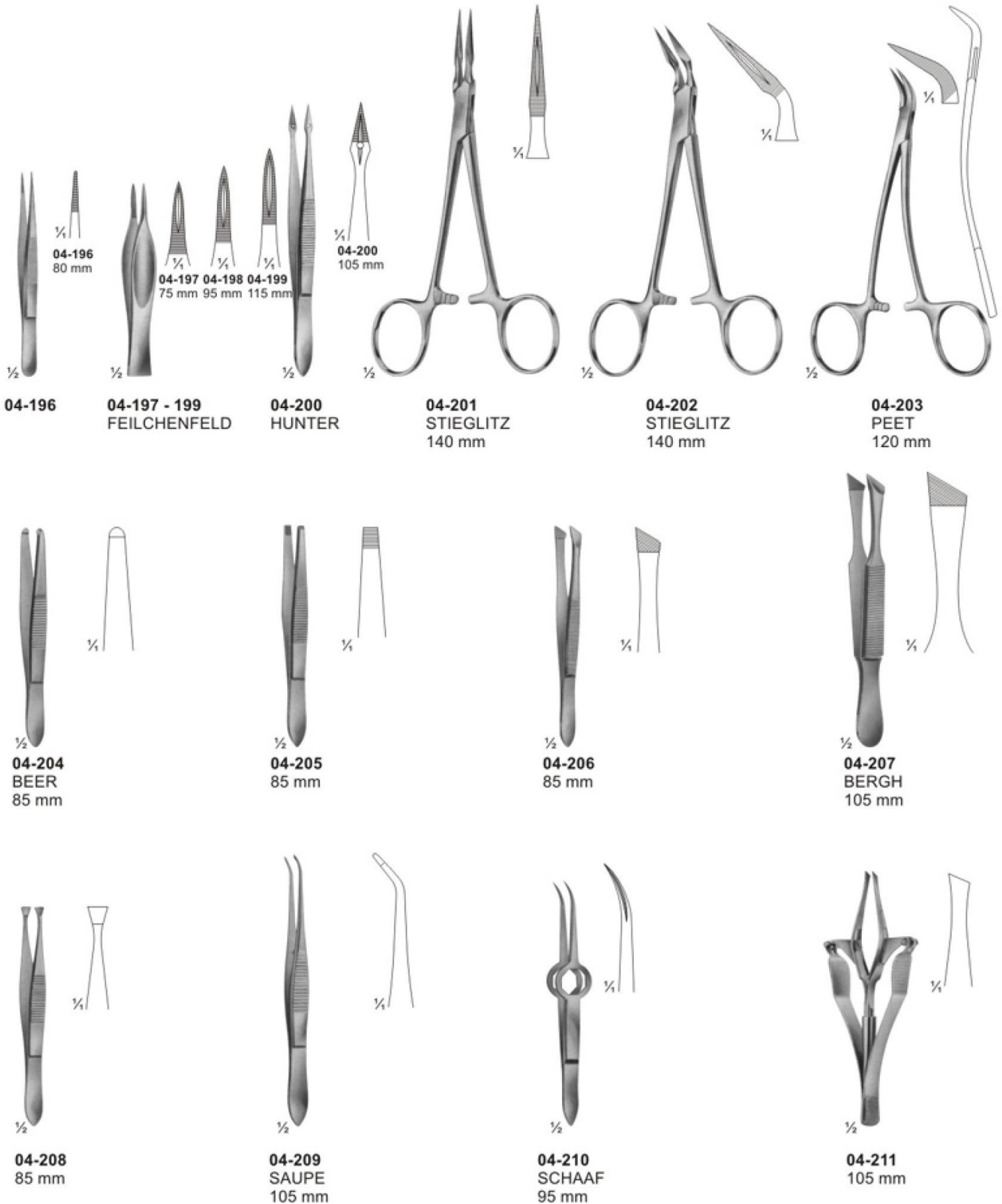


04-184
ADSON
 150 mm

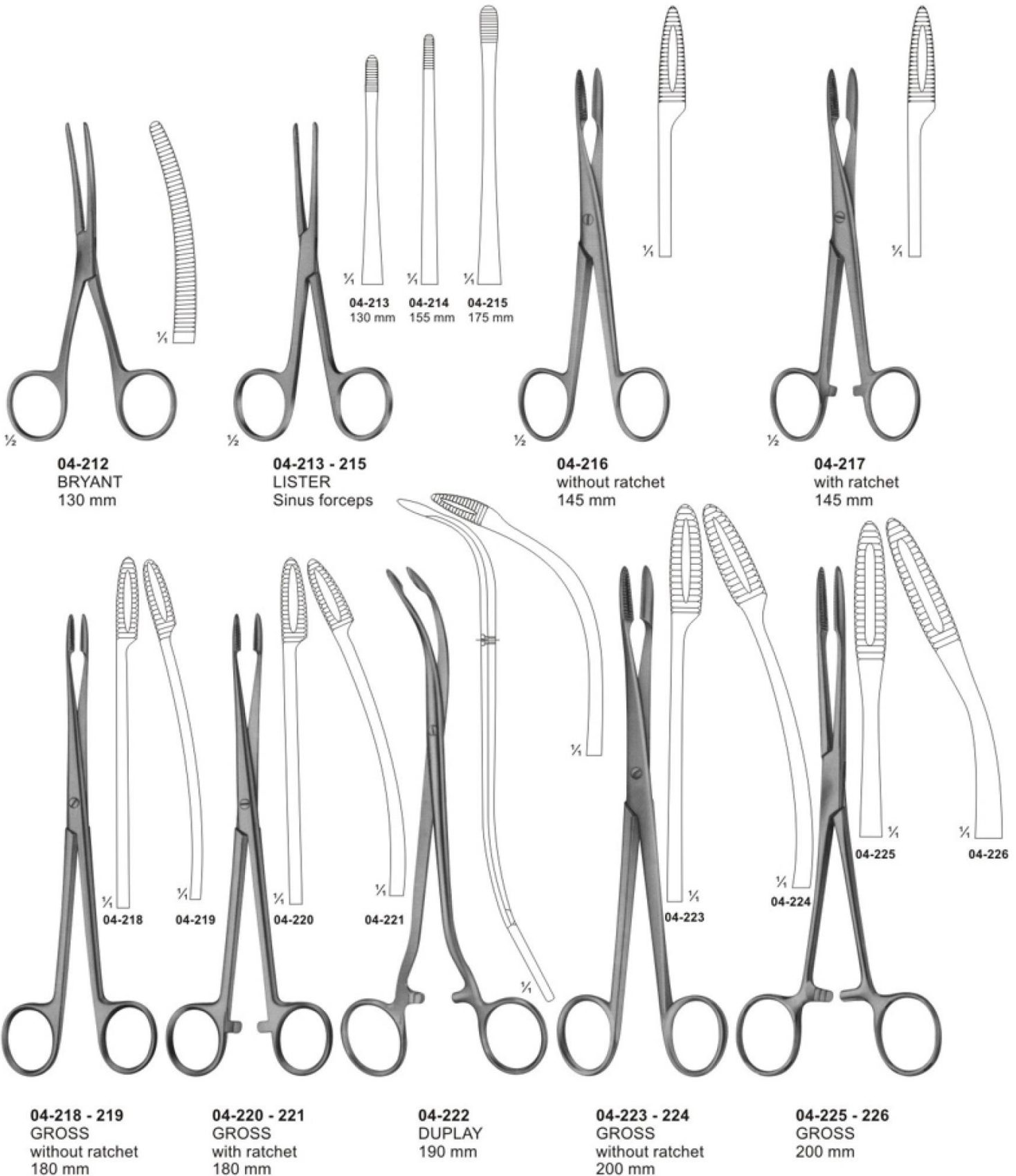
Tissue Forceps, Lung Dissecting Forceps



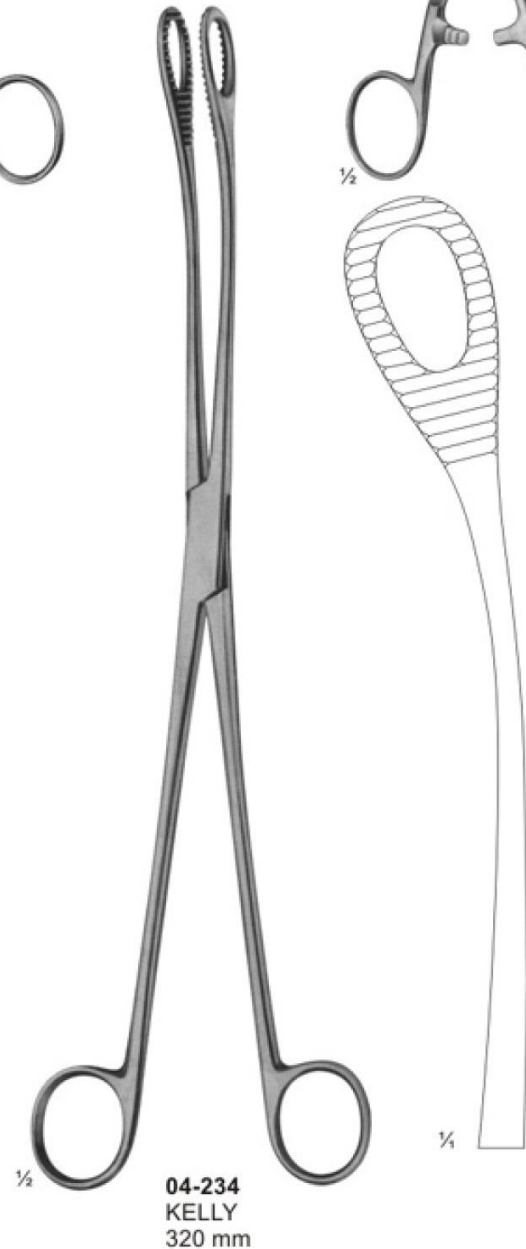
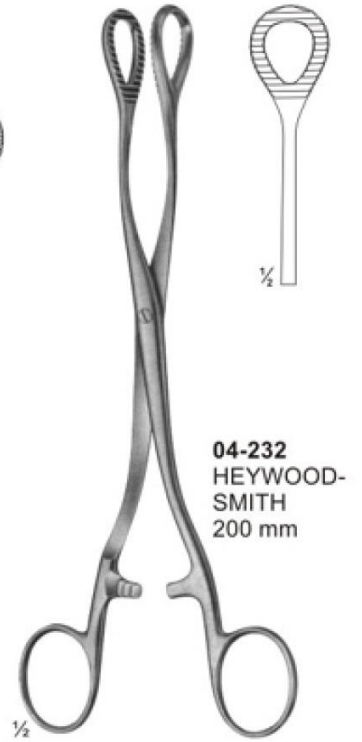
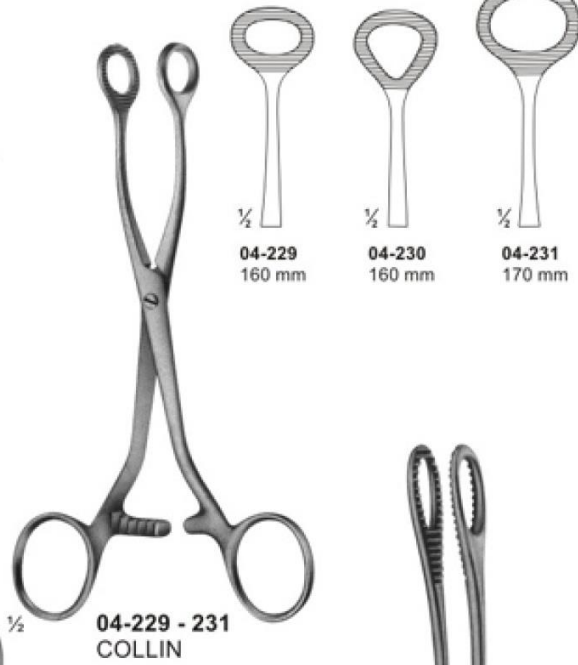
Splinter and Cilia Forceps



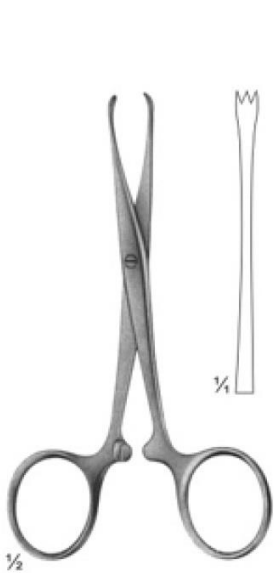
Sponge and Dressing Forceps



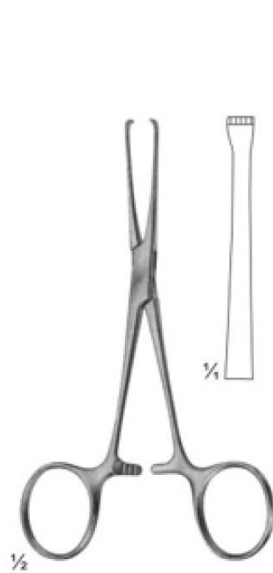
Dressing-, Sponge holding-, Organ- and Tissue Grasping Forceps



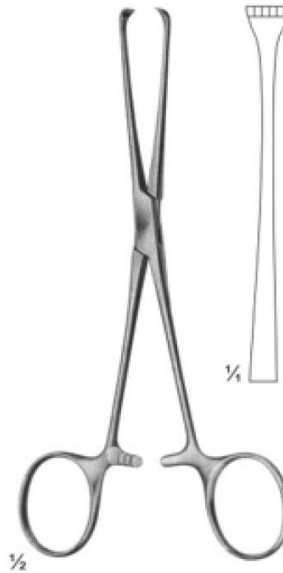
Artery Traction - and Tissue Grasping Forceps



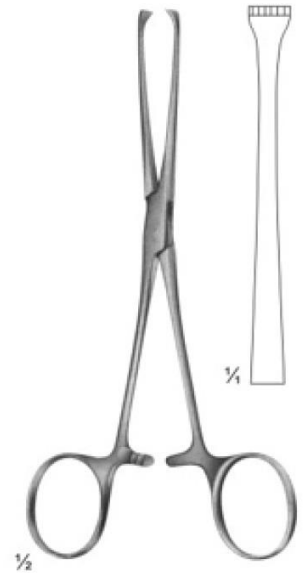
04-235
CHAPUT
 2 x 3 teeth
 125 mm



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



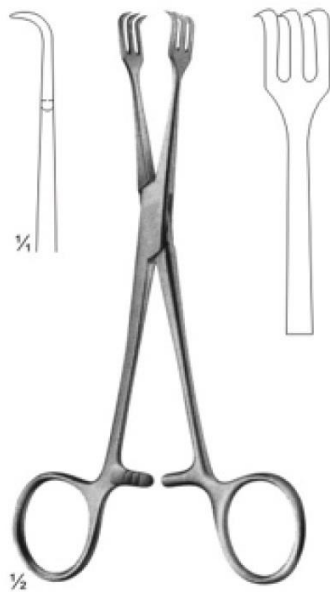
04-237
BOYS-ALLIS
 5 x 6 teeth sharp
 155 mm



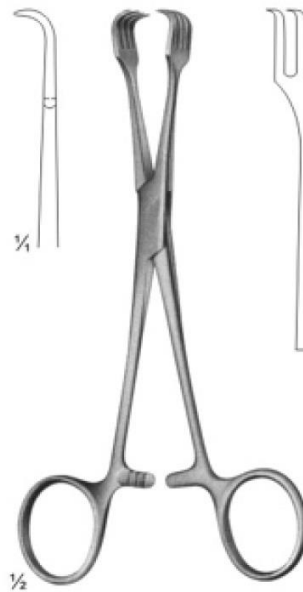
04-238
ALLIS
 5 x 6 teeth
 155 mm



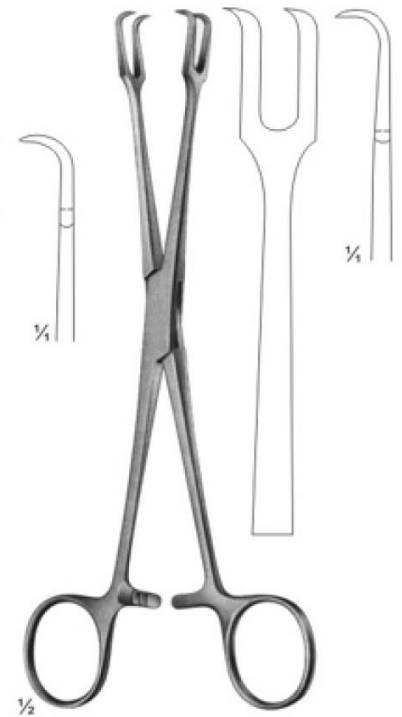
04-239
LAHEY
 155 mm



04-240
LAHEY
 155 mm

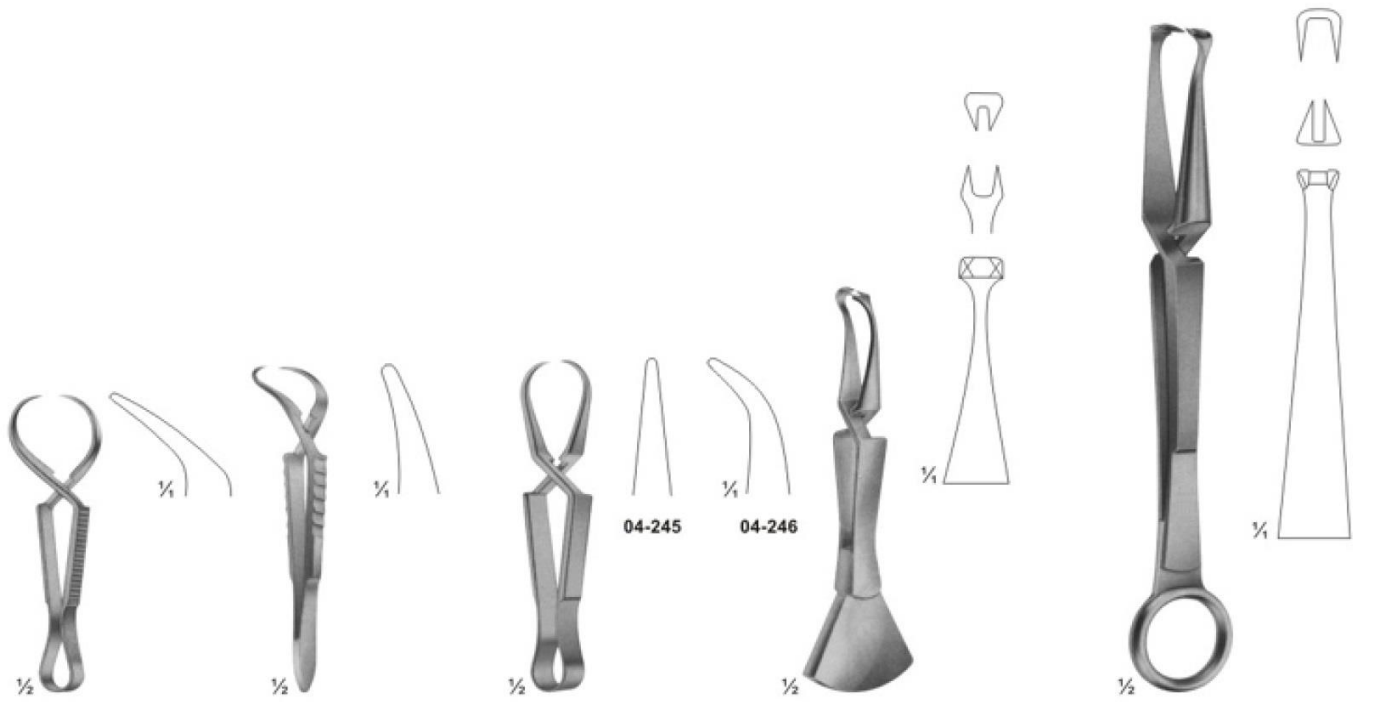


04-241
BRAUN
 155 mm



04-242
MUSEUX
 200 mm

Towel Clamps



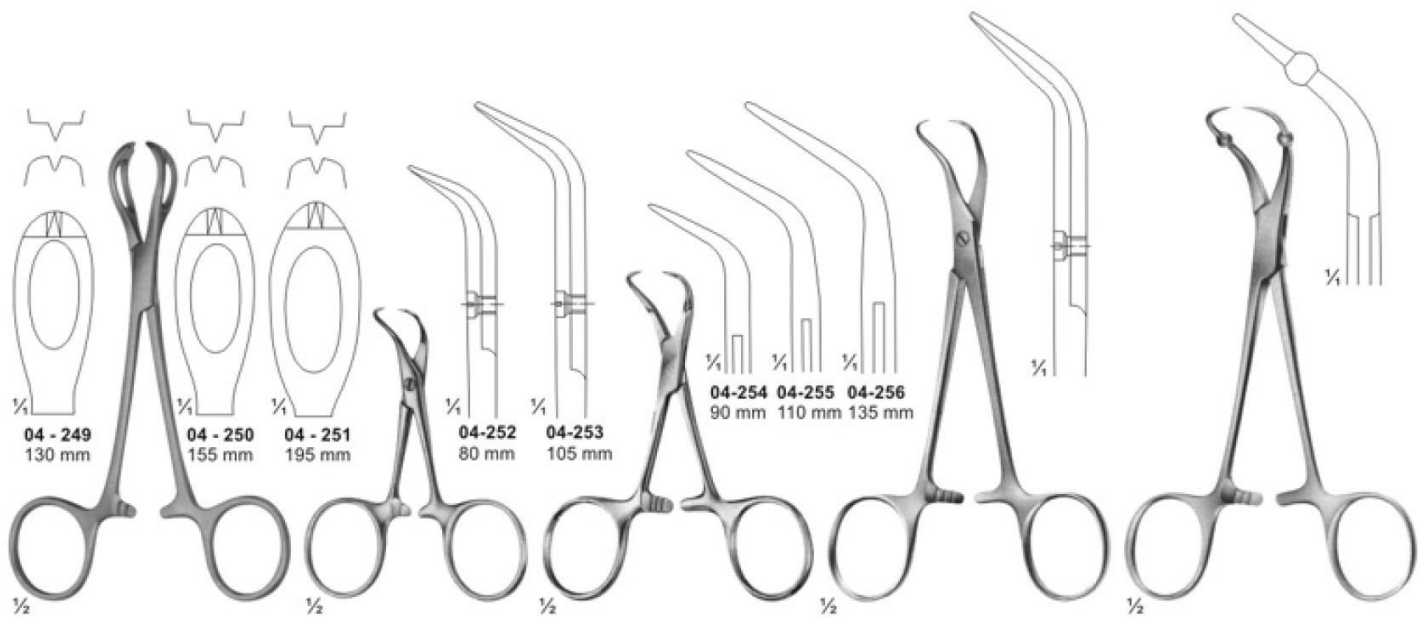
04-243
JONES
 85 mm

04 - 244
ENGL. MOD.
 85 mm

04 245 - 246
SCHAEDEL
 85 mm

04-247
DOYEN
 110 mm

04-248
DOYEN
 180 mm



04 - 249
 130 mm

04 - 250
 155 mm

04 - 251
 195 mm

04-252
 80 mm

04-253
 105 mm

04-254 04-255 04-256
 90 mm 110 mm 135 mm

04-249 - 251
LANE

04-252 - 253
BACKHAUS

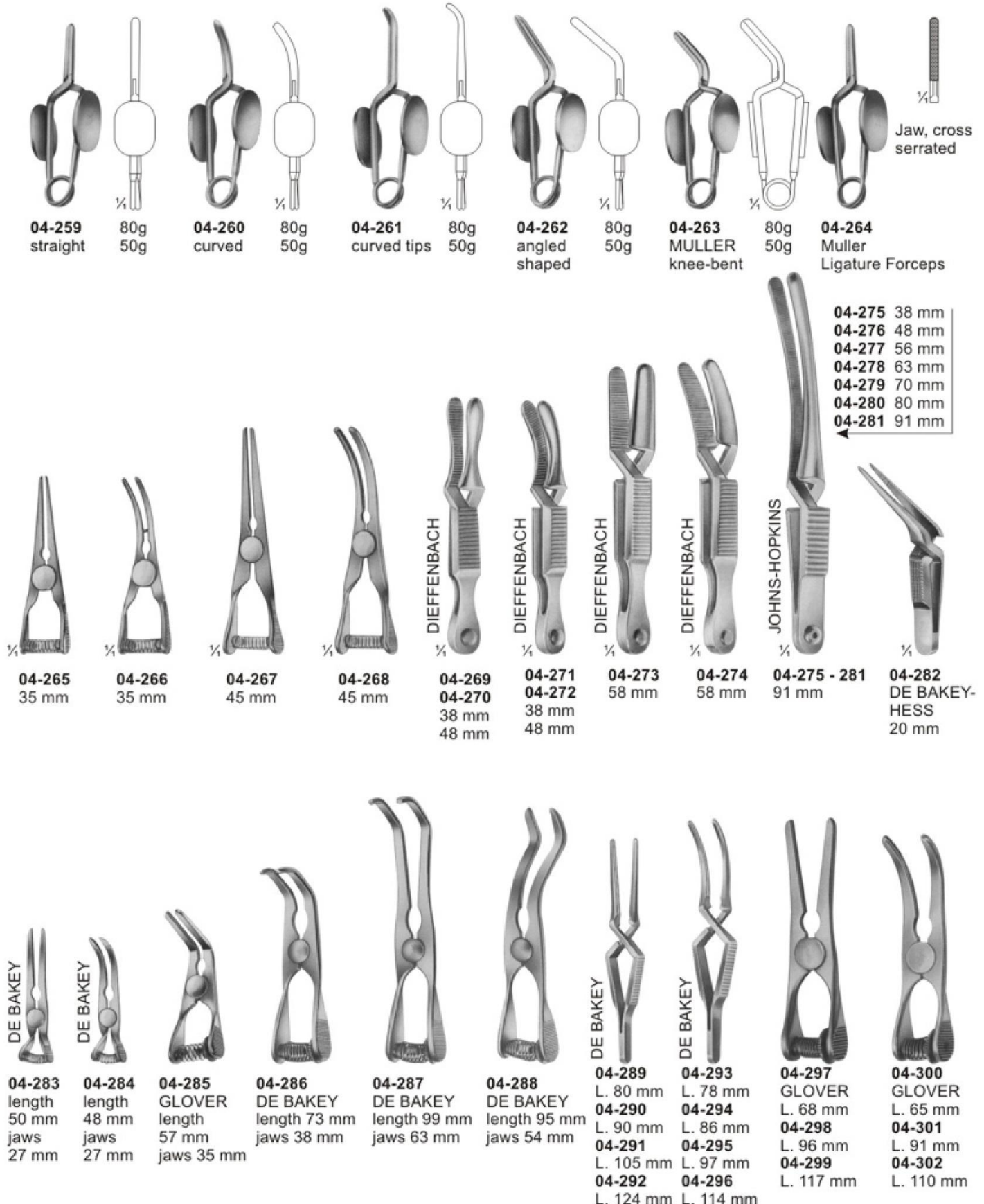
04-254 - 256
BACKHAUS

04-257
BACKHAUS-KOCHER
 135 mm

04-258
ROEDER
 135 mm

Muller Vessel Clips and Bulldog Clamps

Closing force



04-259 straight 80g 50g
04-260 curved 80g 50g
04-261 curved tips 80g 50g
04-262 angled shaped 80g 50g
04-263 MULLER knee-bent 80g 50g
04-264 Muller Ligature Forceps

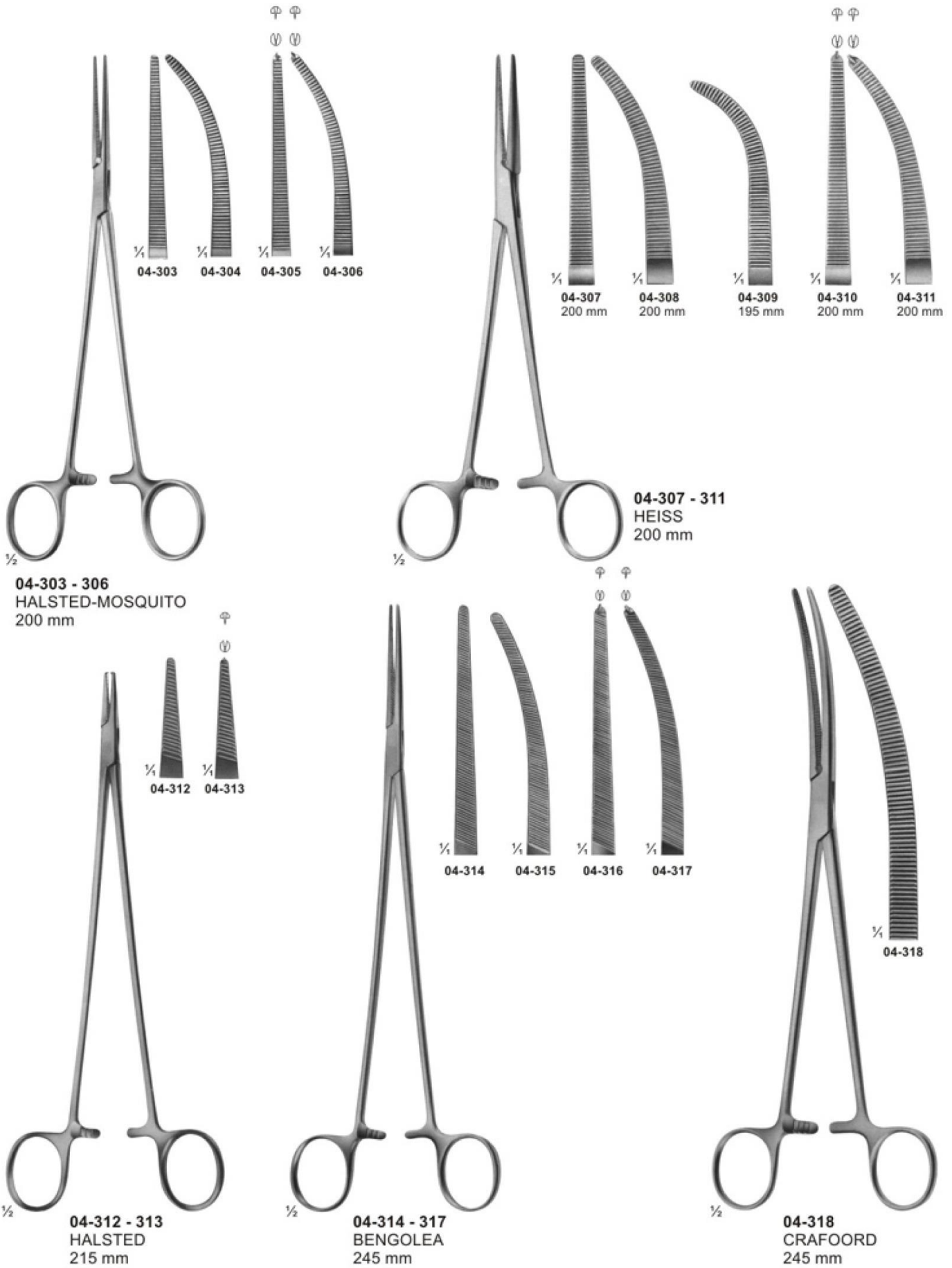
Jaw, cross serrated

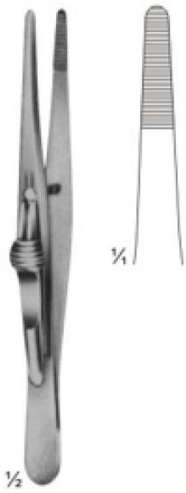
04-265 35 mm
04-266 35 mm
04-267 45 mm
04-268 45 mm
04-269 DIEFFENBACH 38 mm
04-270 DIEFFENBACH 48 mm
04-271 DIEFFENBACH 38 mm
04-272 DIEFFENBACH 48 mm
04-273 DIEFFENBACH 58 mm
04-274 DIEFFENBACH 58 mm
04-275 - 281 JOHNS-HOPKINS 91 mm
04-282 DE BAKEY-HESS 20 mm

04-275 38 mm
04-276 48 mm
04-277 56 mm
04-278 63 mm
04-279 70 mm
04-280 80 mm
04-281 91 mm

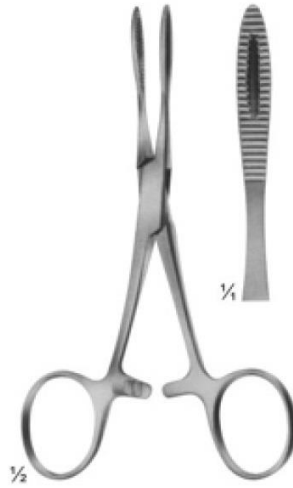
04-283 DE BAKEY length 50 mm jaws 27 mm
04-284 DE BAKEY length 48 mm jaws 27 mm
04-285 GLOVER length 57 mm jaws 35 mm
04-286 DE BAKEY length 73 mm jaws 38 mm
04-287 DE BAKEY length 99 mm jaws 63 mm
04-288 DE BAKEY length 95 mm jaws 54 mm
04-289 DE BAKEY L. 80 mm
04-290 DE BAKEY L. 90 mm
04-291 DE BAKEY L. 105 mm
04-292 DE BAKEY L. 124 mm
04-293 DE BAKEY L. 78 mm
04-294 DE BAKEY L. 86 mm
04-295 DE BAKEY L. 97 mm
04-296 DE BAKEY L. 114 mm
04-297 GLOVER L. 68 mm
04-298 GLOVER L. 96 mm
04-299 GLOVER L. 117 mm
04-300 GLOVER L. 65 mm
04-301 GLOVER L. 91 mm
04-302 GLOVER L. 110 mm

Delicate Haemostatic Forceps

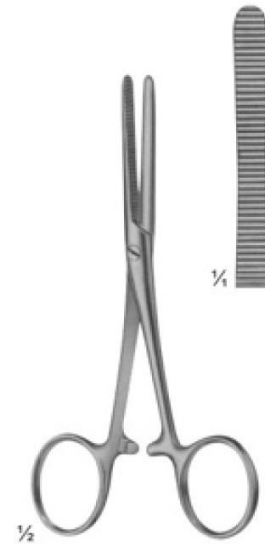




04-319
FRICKE
 Artery forceps
 130 mm



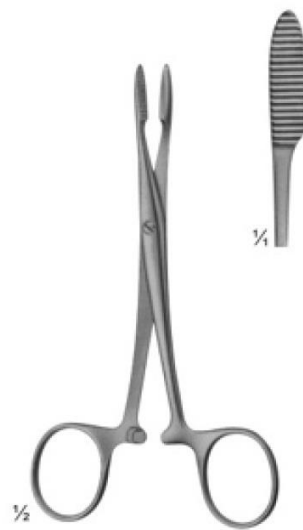
04-320
KRONLEIN
 130 mm



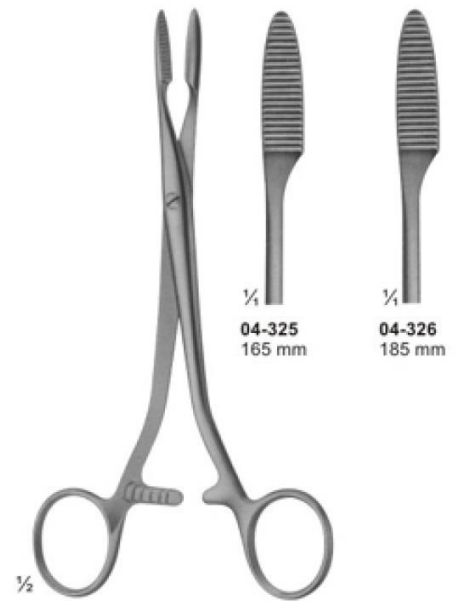
04-321
PEAN
 125 mm



04-322 - 323
PEAN

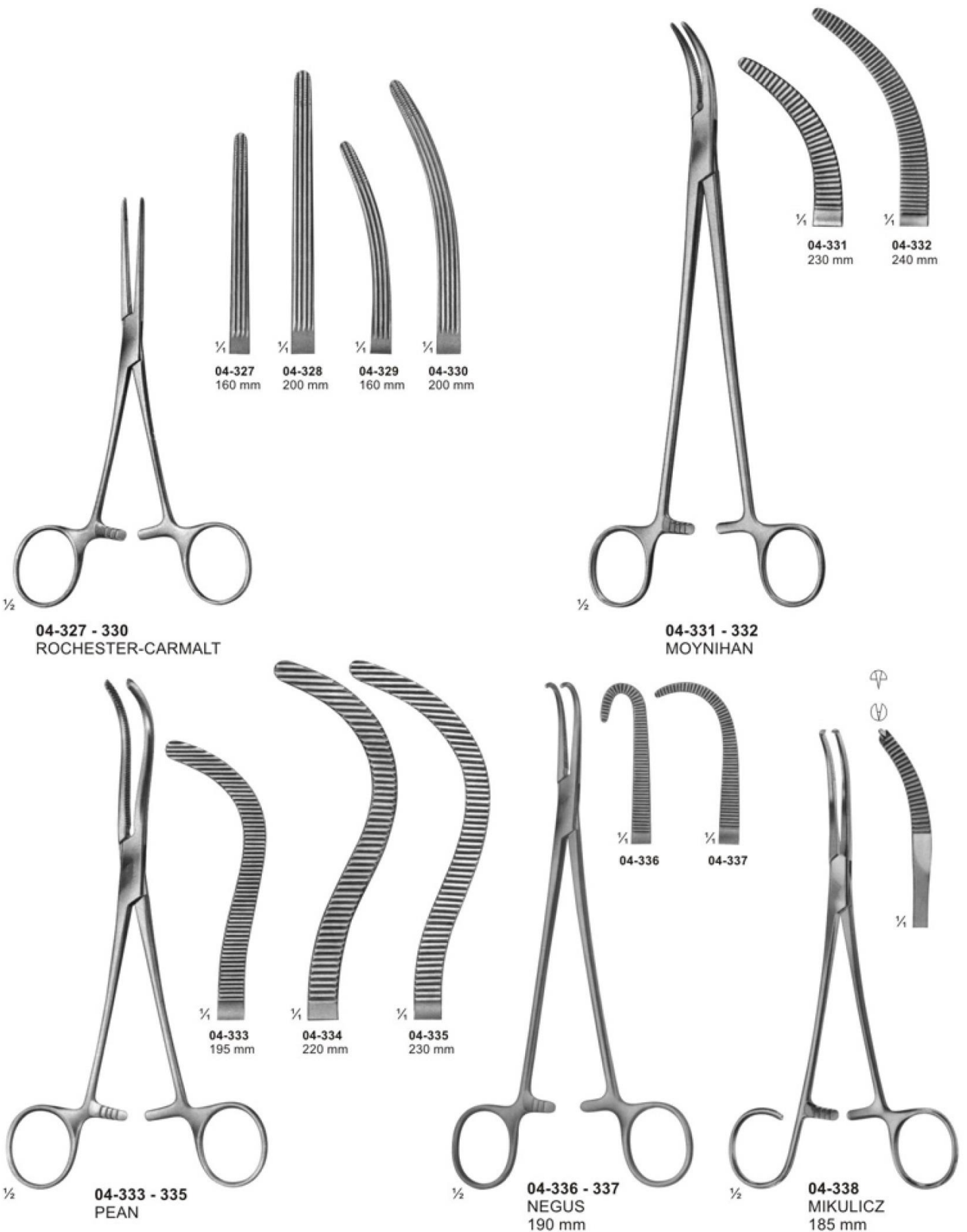


04-324
PEAN
 125 mm



04-325 - 326
PEAN

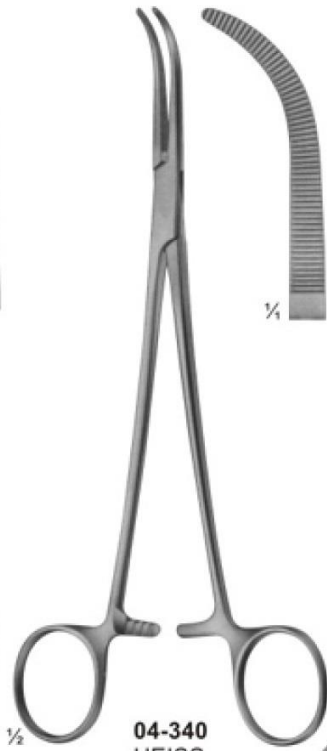
Haemostatic Forceps, Special Pattern, Tonsil Forceps



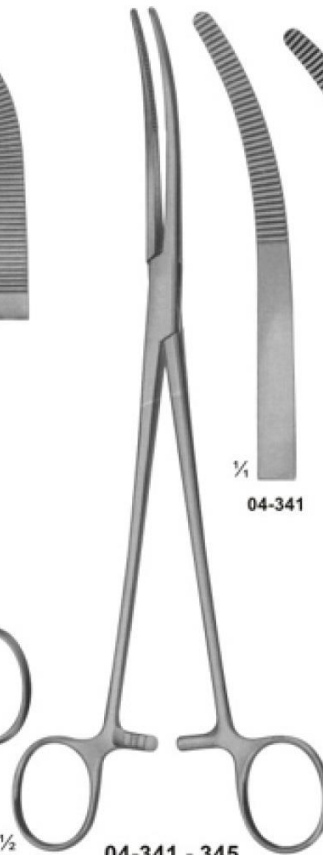
Dissecting- and Ligature Forceps



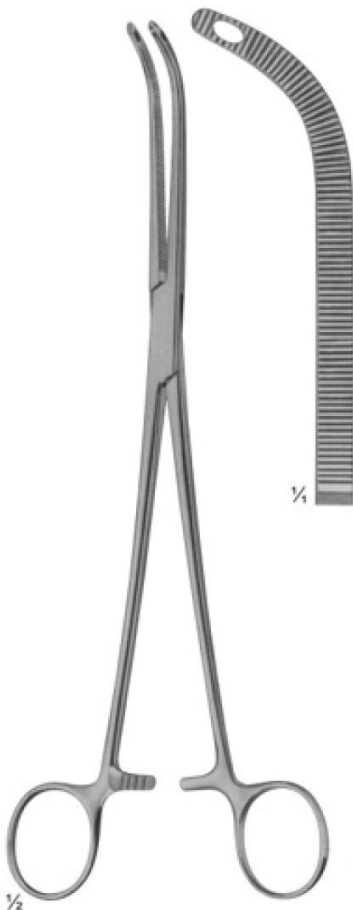
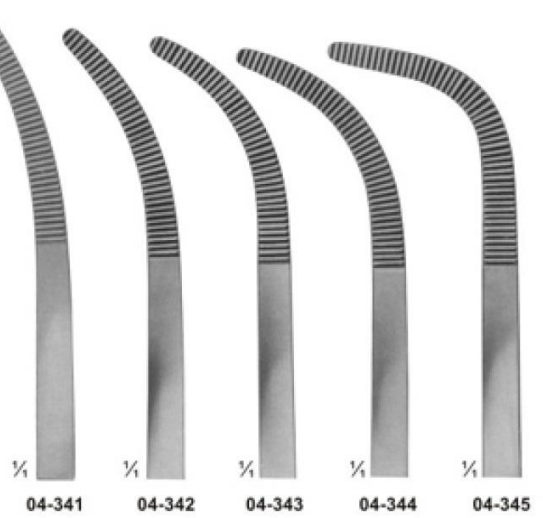
04-339
MIXTER-O'SHAUGHNESSY
 190 mm



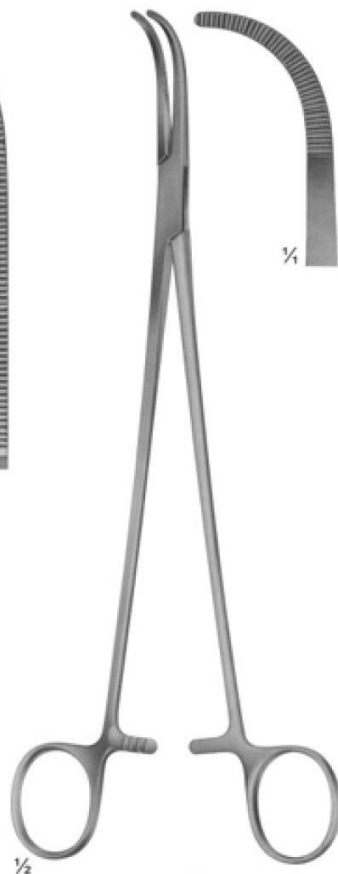
04-340
HEISS
 195 mm



04-341 - 345
RUMEL
 240 mm



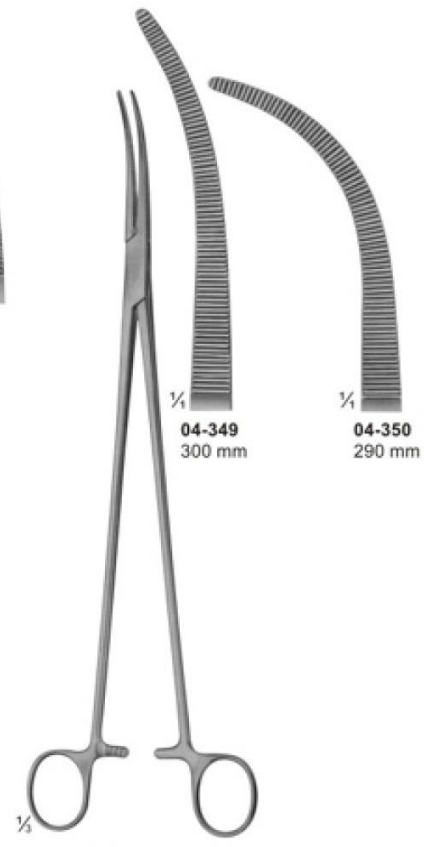
04-346
FINOCHIETTO
 245 mm



04-347
MIXTER
 230 mm

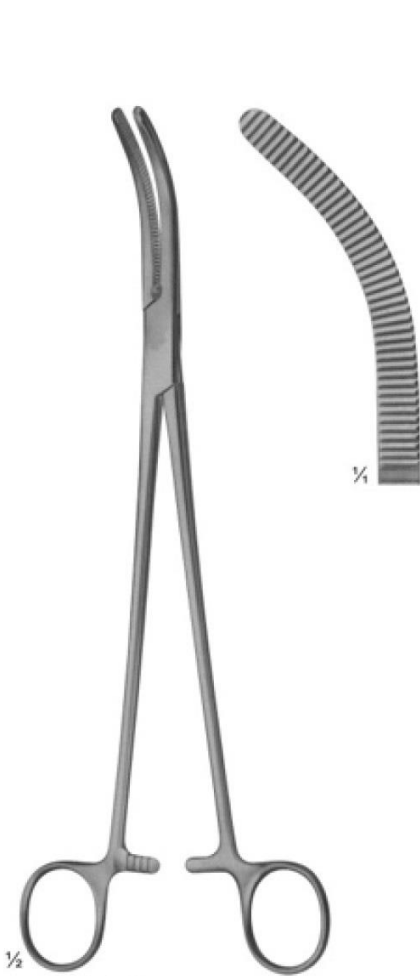


04-348
LAWRENCE
 270 mm

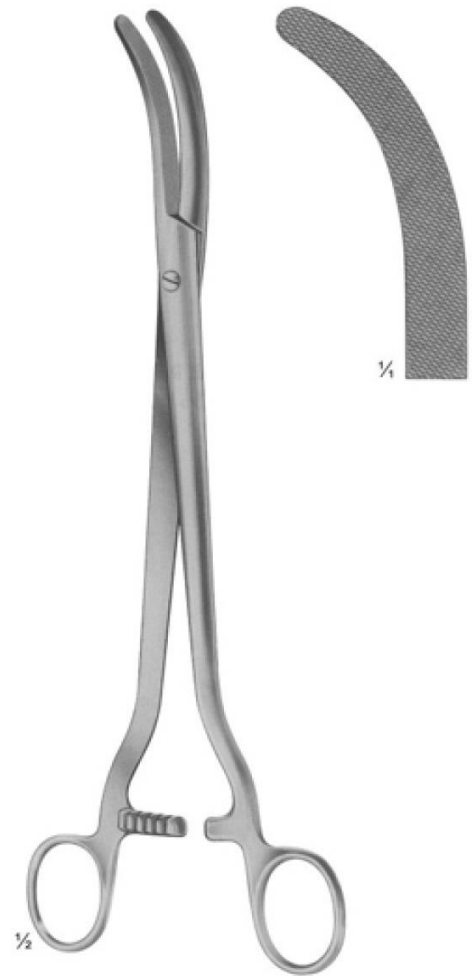


04-349 - 350
ZENKER

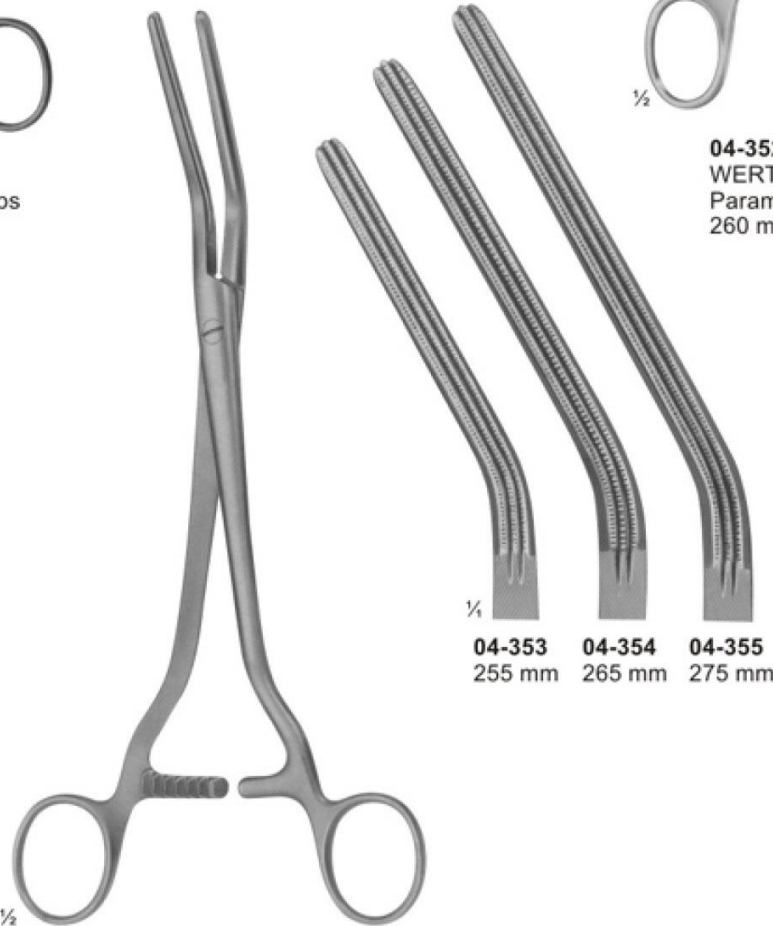
Hysterectomy Forceps, Vaginal Clamps
and Compression Forceps



04-351
WERTHEIM
Hysterectomy forceps
255 mm



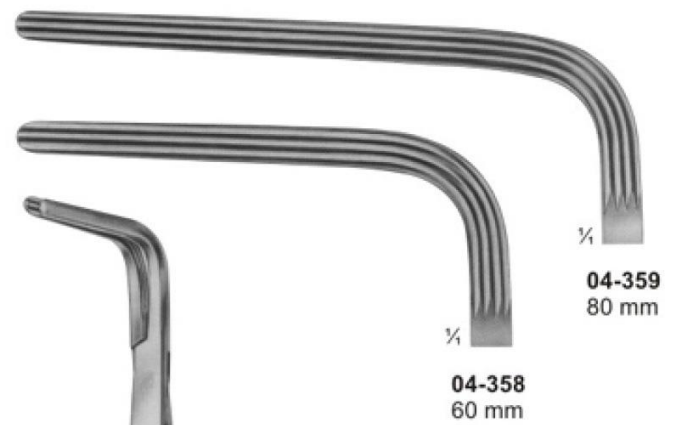
04-352
WERTHEIM
Parametrium clamp
260 mm



04-353 - 355
DICK

04-353 255 mm
04-354 265 mm
04-355 275 mm

Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



Needle Holders for micro surgery



05-101
ROHRSCHEIDER
 with copper inserts
 100 mm



05-102
KALT
 with catch
 135 mm



05-103
ARRUGA
 with catch
 135 mm



05-104 - 105
CASTROVIEJO
 with catch
 145 mm



05-106 - 107
 without Catch
 160 mm



05-108 - 109
 without catch
 185 mm



05-109



05-110 - 111
JACOBSON
 with catch
 185 mm



05-110
 without catch



05-111
 with catch

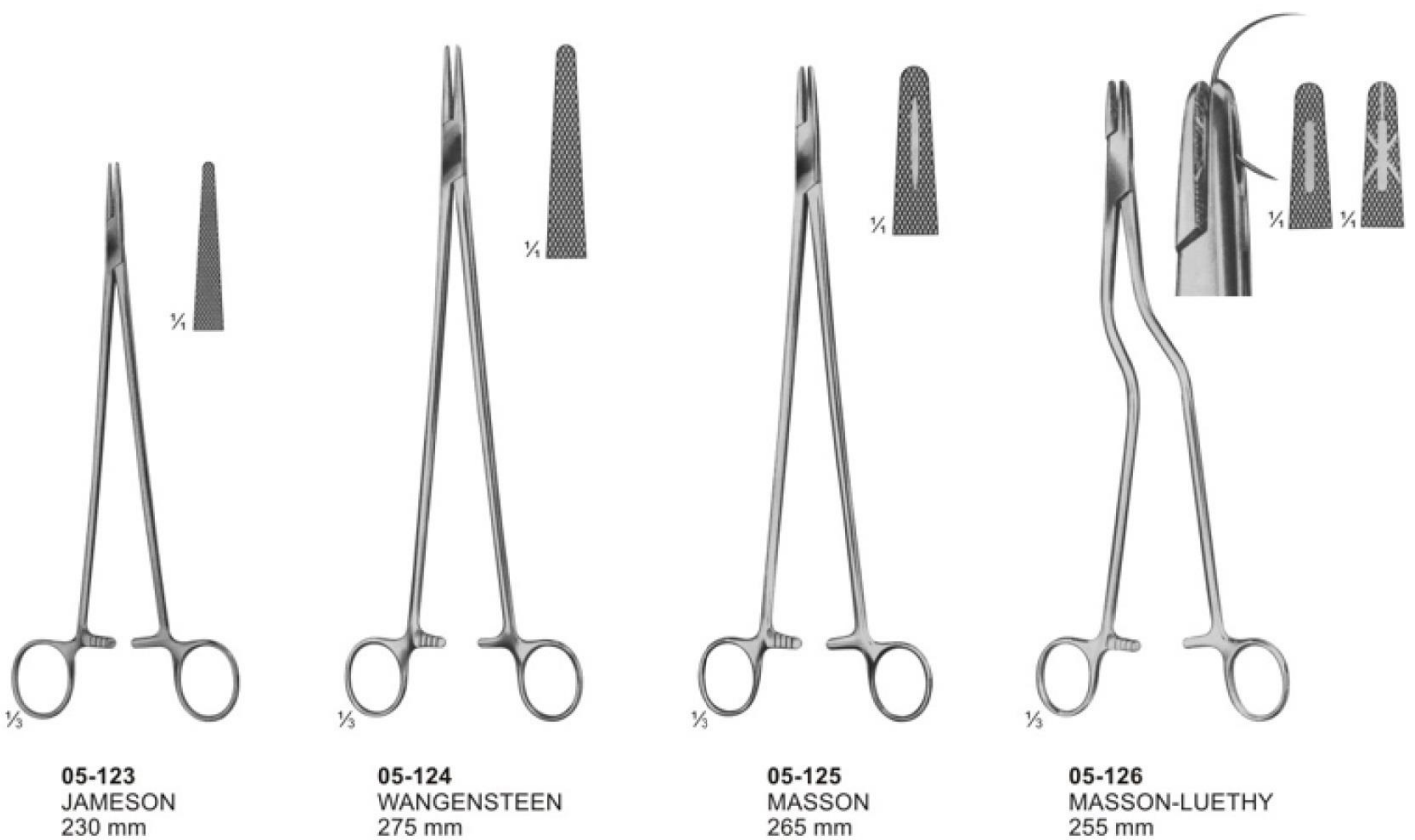
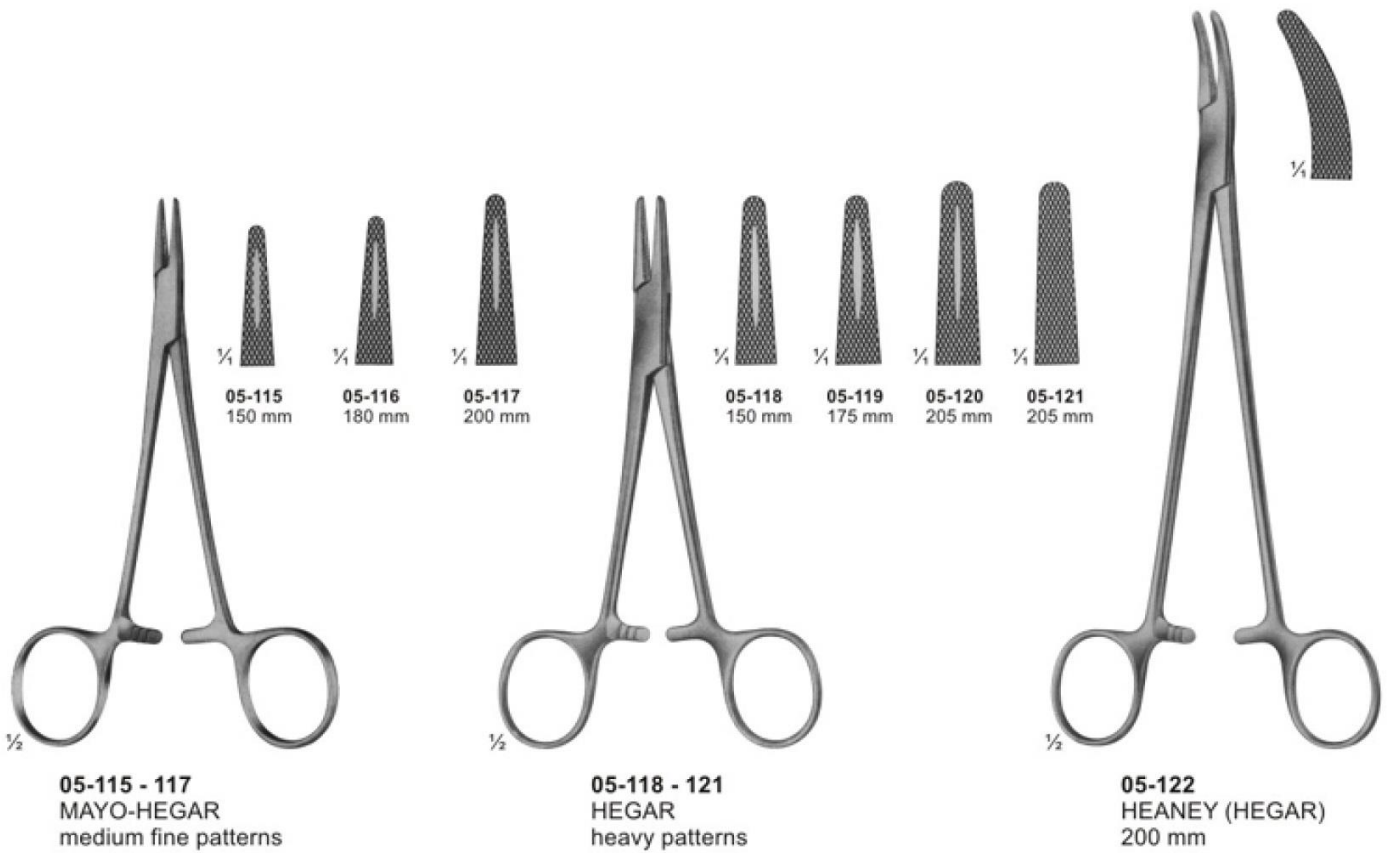


05-112
 without catch
 195 mm

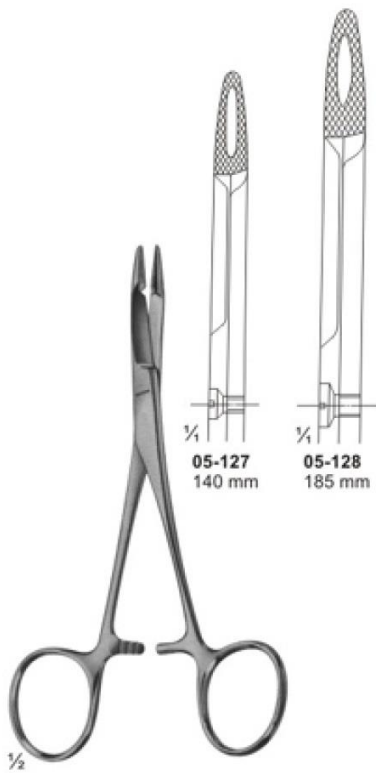


05-113 - 114
YASARGIL
 with catch
 200 mm

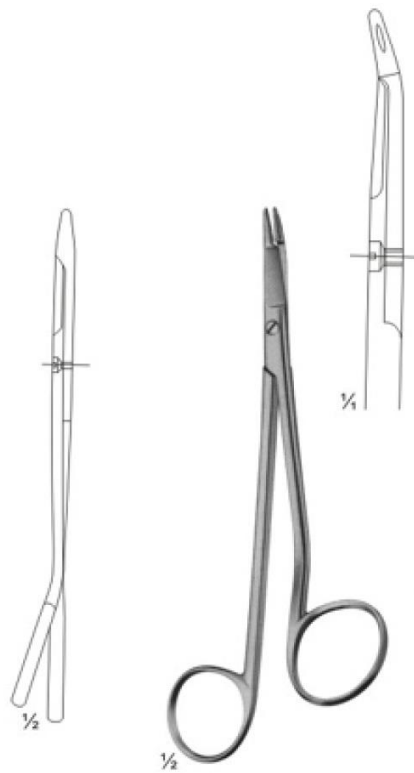
Needle Holders



Needle Holders



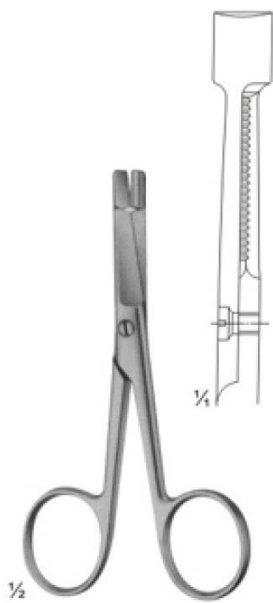
05-127 - 128
HEGAR-OLSEN
 255 mm



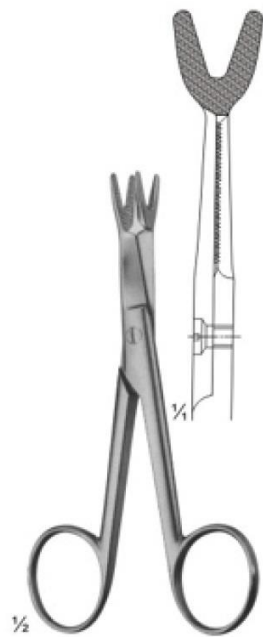
05-129
GILLIES
 150 mm



05-130
GILLIES
 160 mm



05-131
EISELSBERG
 115 mm



05-132
SCHOEMAKER-LOTH
 125 mm

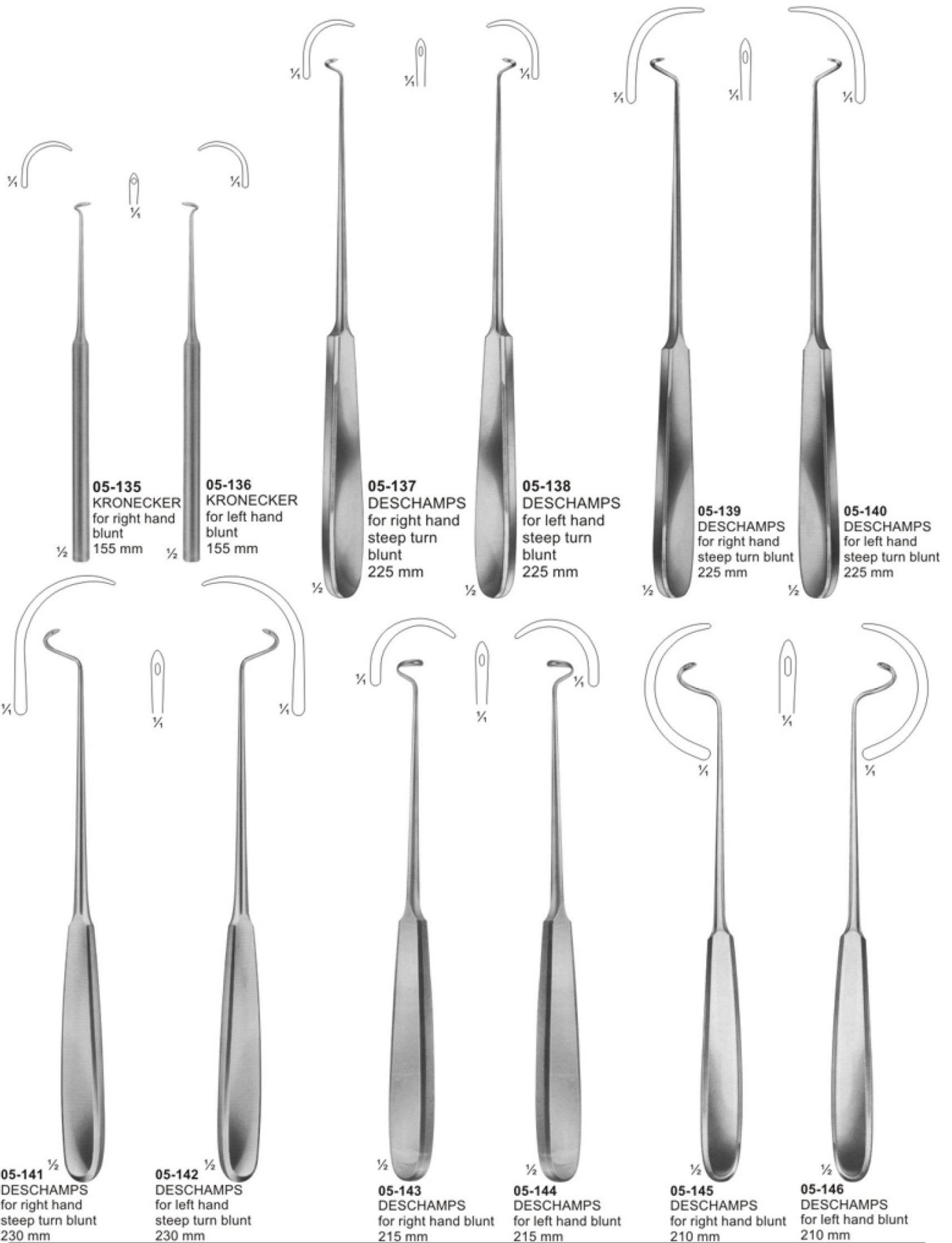


05-133
CRILE
 150 mm



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

Suture Instruments - Reverdin Needles





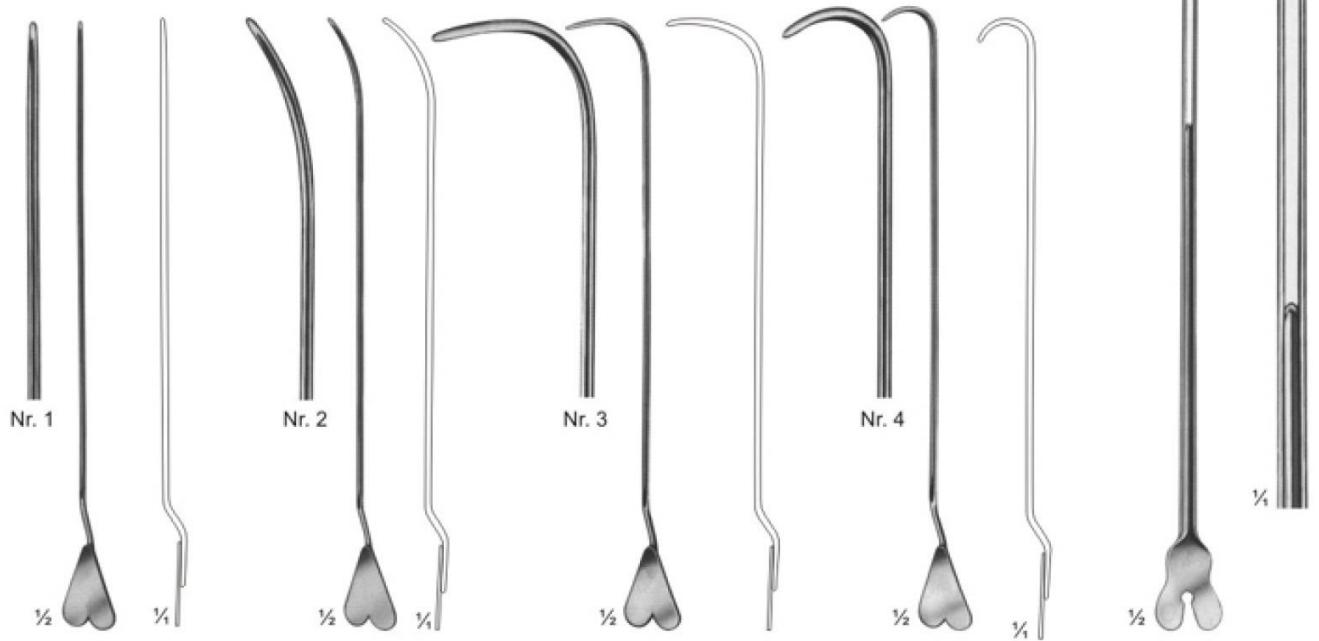
05-147 130 mm
05-148 145 mm
05-149 160 mm
 Directors

05-150
DOYEN
 145 mm
 Directors

05-151
NELATON
 160 mm
 Directors

05-152
 Director with tip
 Diam. of tip 3,3 mm
 140 mm

05-153
BRODIE
 Director with tip,
 Diam. of tip 3,5 mm
 200 mm



05-154
LOCKHART-MUMMERY
 165 mm

05-155
LOCKHART-MUMMERY
 165 mm

05-156
LOCKHART-MUMMERY
 165 mm

05-157
LOCKHART-MUMMERY
 165 mm

05-158
 Director with wire
 loop, malleable
 190 mm

05-199 2,5 mm
05-200 2,5 mm
05-201 3,0 mm



1/2

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

1,5 mm



1/2

05-162
 Myrtle leaf probe
 145 mm

2,0 mm



1/2

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



1/2

05-168
 Probes



1/2

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



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



1/4

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



1/2 \varnothing tip

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

Suturing Instrument Set, Pocket Instrument Set



05-175

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



05-176

Pocket instrument set, in metal case
 consisting of:

Bottom tray

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

Top tray

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



05-177

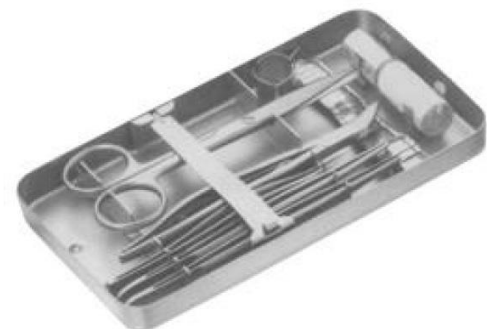
Pocket instrument set, in metal case
 consisting of:

Bottom tray

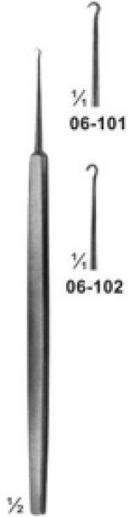
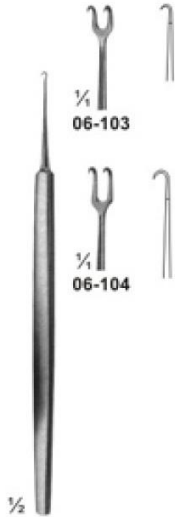


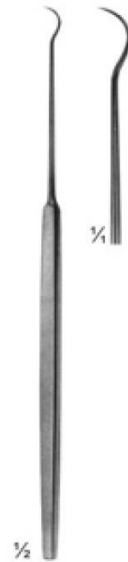
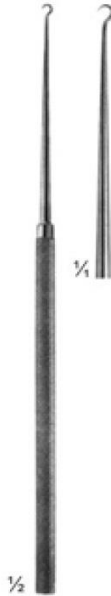
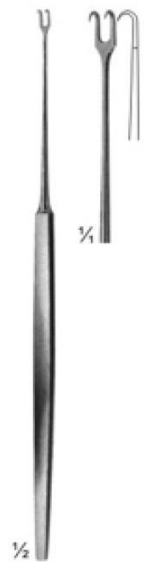



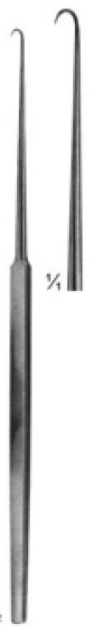





1 MAYO-HEGER needle holder, 150mm
 1 MICHEL clip forceps, combined
 1 Myrtle leaf probe, 130mm
 1 Sharp double curette
 1 Skin hook
 1 Detachable scalpel handle, no. 4
 1 Perforated metal case, consisting
 6 Scalpel blades
 1 Perforated metal case, stainless, consisting:
 1 Suture needle
 1 item, & 1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

Top tray

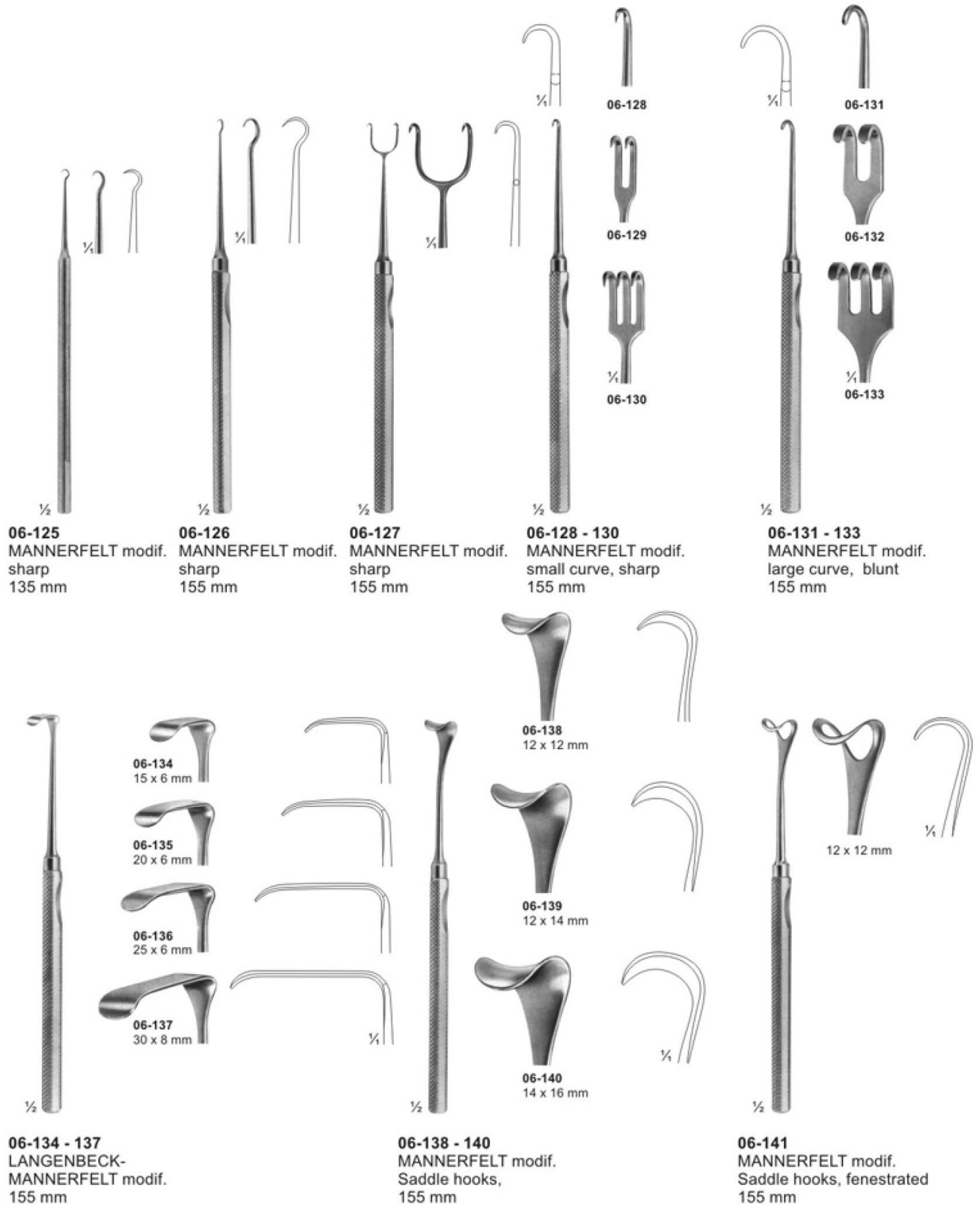
1 Tissue forceps, 130mm
 1 CRILE haemostatic forceps, 140mm
 1 Straight surgical scissors, 130mm
 1 Dissecting forceps, 130mm
 1 FEILCHENFELD splinter forceps, 115mm
 25 MICHEL clip, 16 x 3mm
 1 Flacon of suture silk, sterile in alcohol



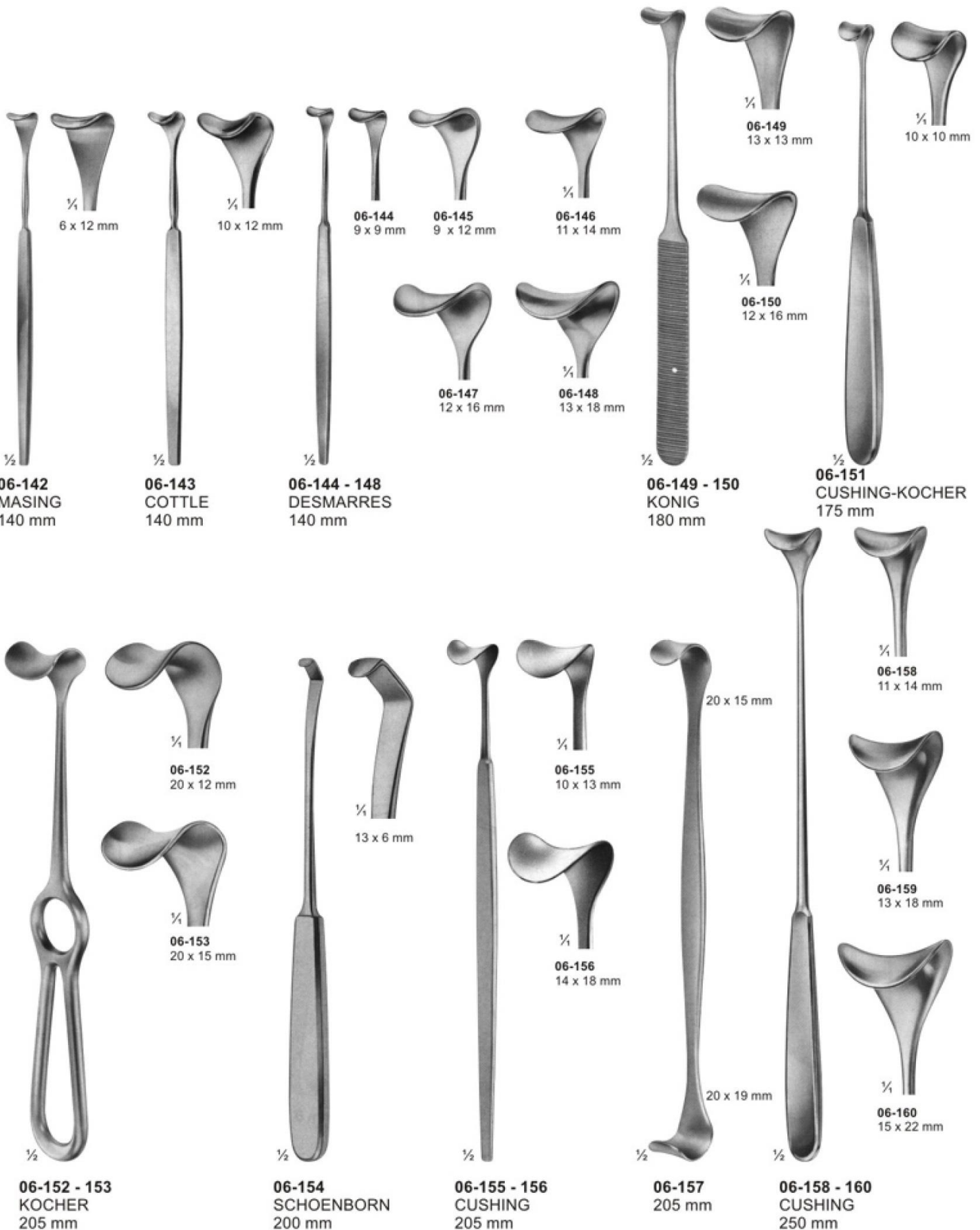
Fine Wound Retractors (Dura- and Skin Retractors)

 <p>1/4 06-101 1/4 06-102</p>	 <p>1/4 06-103 1/4 06-104</p>	 <p>1/4 06-105 1/4 06-106 1/4 06-107</p>	 <p>1/4</p>	 <p>1/4</p>	 <p>1/4</p>	 <p>1/4</p>		
<p>06-101 Sharp 06-102 Blunt GRAEFE 125 mm</p>	<p>06-103 125 mm 06-104 130 mm sharp GUTHRIE</p>	<p>06-105 130 mm 06-106 135 mm sharp ROLLET 06-107 135 mm blunt</p>	<p>06-108 FRAZIER Dura retractors 130 mm</p>	<p>06-109 TONNIS Dura retractors 150 mm</p>	<p>06-110 KILNER 160 mm</p>	<p>06-111 FREER 150 mm</p>		
 <p>1/4</p>	 <p>1/4</p>	 <p>1/4</p>	 <p>1/4</p>	 <p>1/4</p>	 <p>1/4</p>	 <p>1/4 06-117 1/4 06-118 3 mm 1/4 06-119 6 mm 1/4 06-120 8 mm</p>	 <p>1/4 06-121 1/4 06-122</p>	 <p>7 X 12 mm 3 X 11 mm 8 X 12 mm</p>
<p>06-112 MULLER 150 mm</p>	<p>06-113 MULLER 150 mm</p>	<p>06-114 COTTLE 160 mm</p>	<p>06-115 COTTLE 160 mm</p>	<p>06-116 JAEGER 135 mm</p>	<p>06-117 - 120 JOSEPH 165 mm</p>	<p>06-121 - 122 GILLIES 180 mm</p>	<p>06-123 KILNER sharp 80 mm</p>	<p>06-124 CONVERSE blunt 120 mm</p>

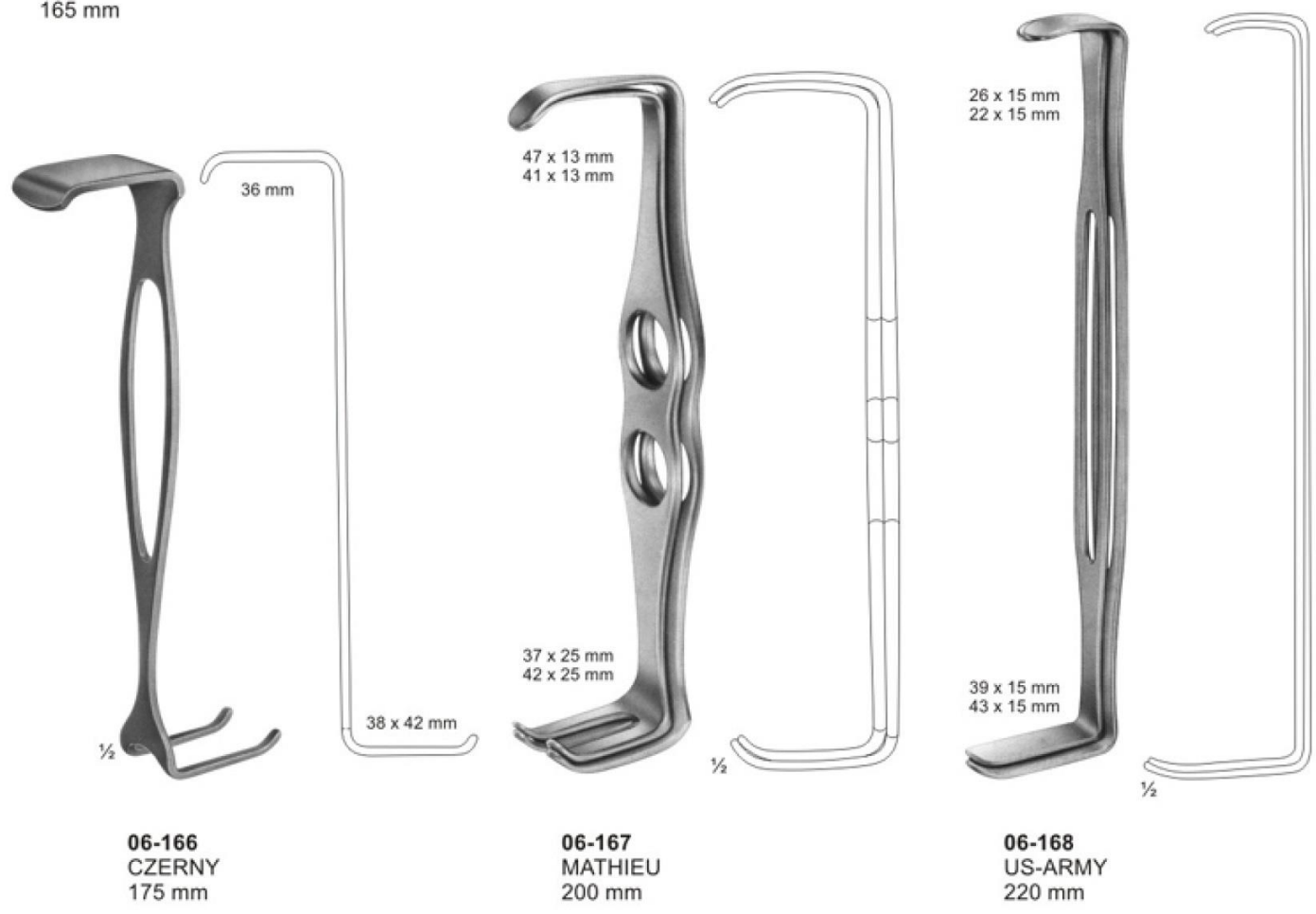
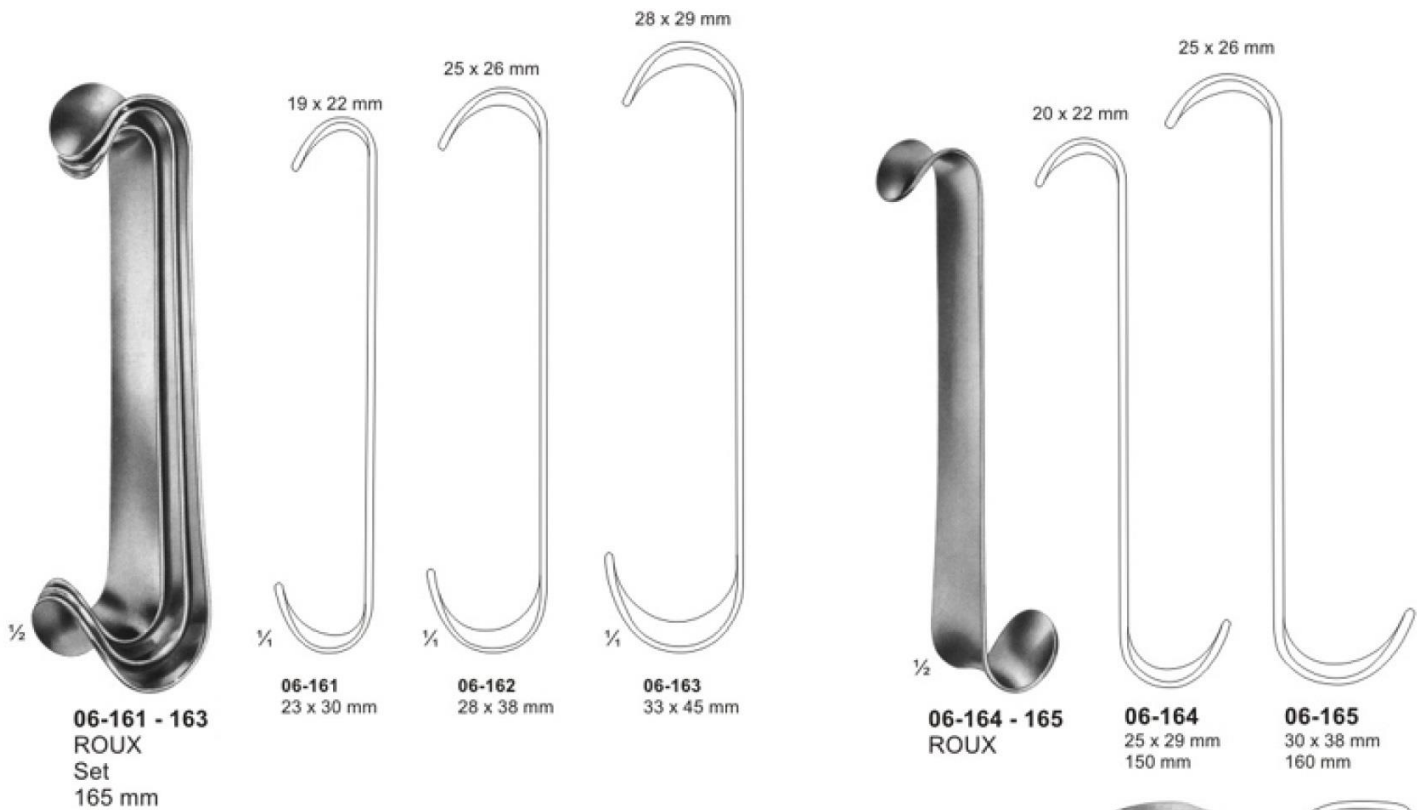
Retractors With treangle handle



Retractors



Retractors



Bone Retractors and Retractors



06-169
KOCHER
 sharp
 205 mm



06-170
KOCHER
 sharp
 220 mm



06-171
KOCHER
 sharp
 220 mm



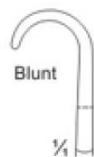
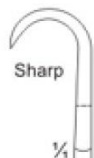
06-172
VOLKMANN
 blunt
 220 mm



06-173
VOLKMANN
 sharp
 220 mm



06-174 - 181
VOLKMANN
 225 mm



06-174
 9 x 8 mm



06-175
 9 x 13 mm



06-176
 9 x 19 mm



06-177
 9 x 29 mm



06-178
 8,5 x 8 mm



06-179
 8,5 x 13 mm

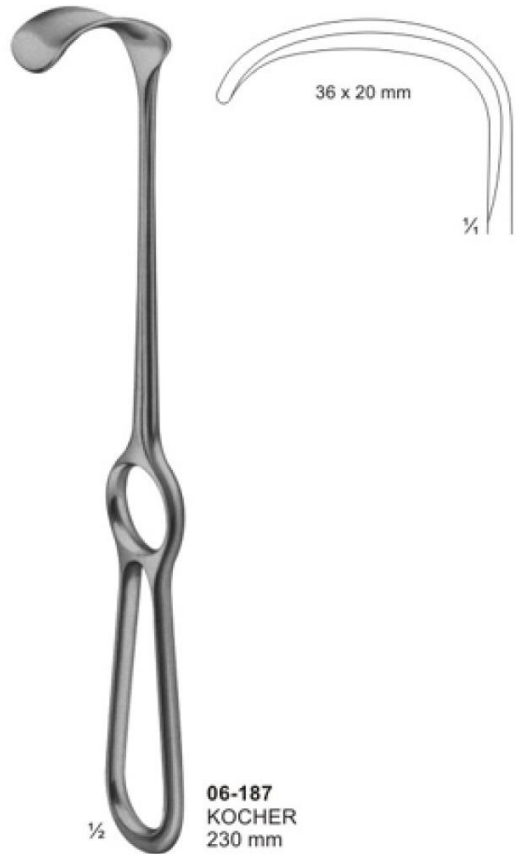
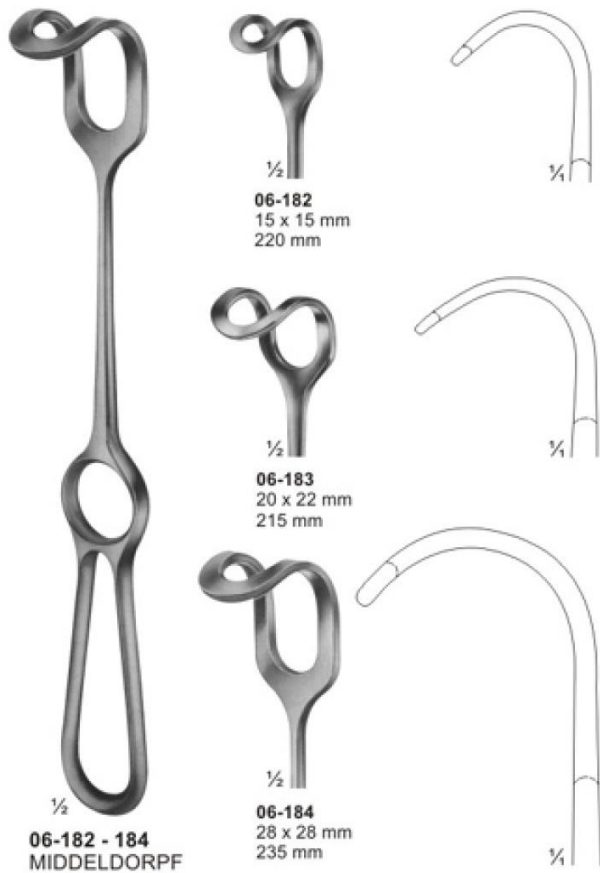


06-180
 8,5 x 19 mm



06-181
 8,5 x 29 mm

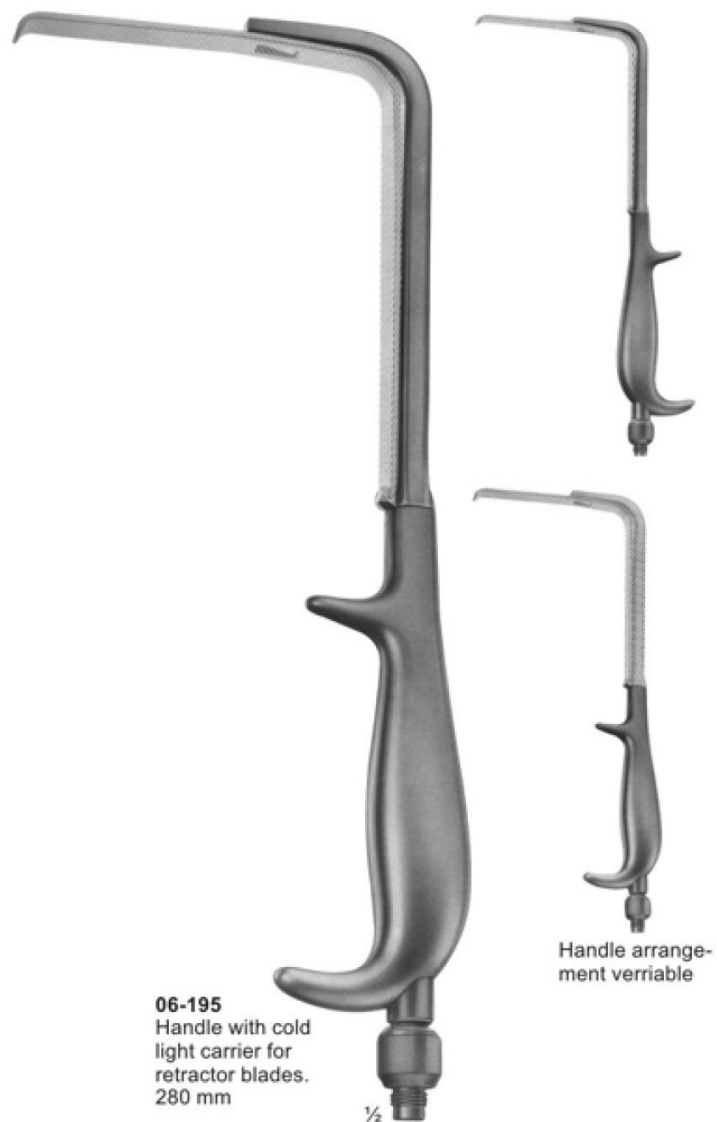
Retractors





06-188 - 194
 BRUNNER
 275 mm

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

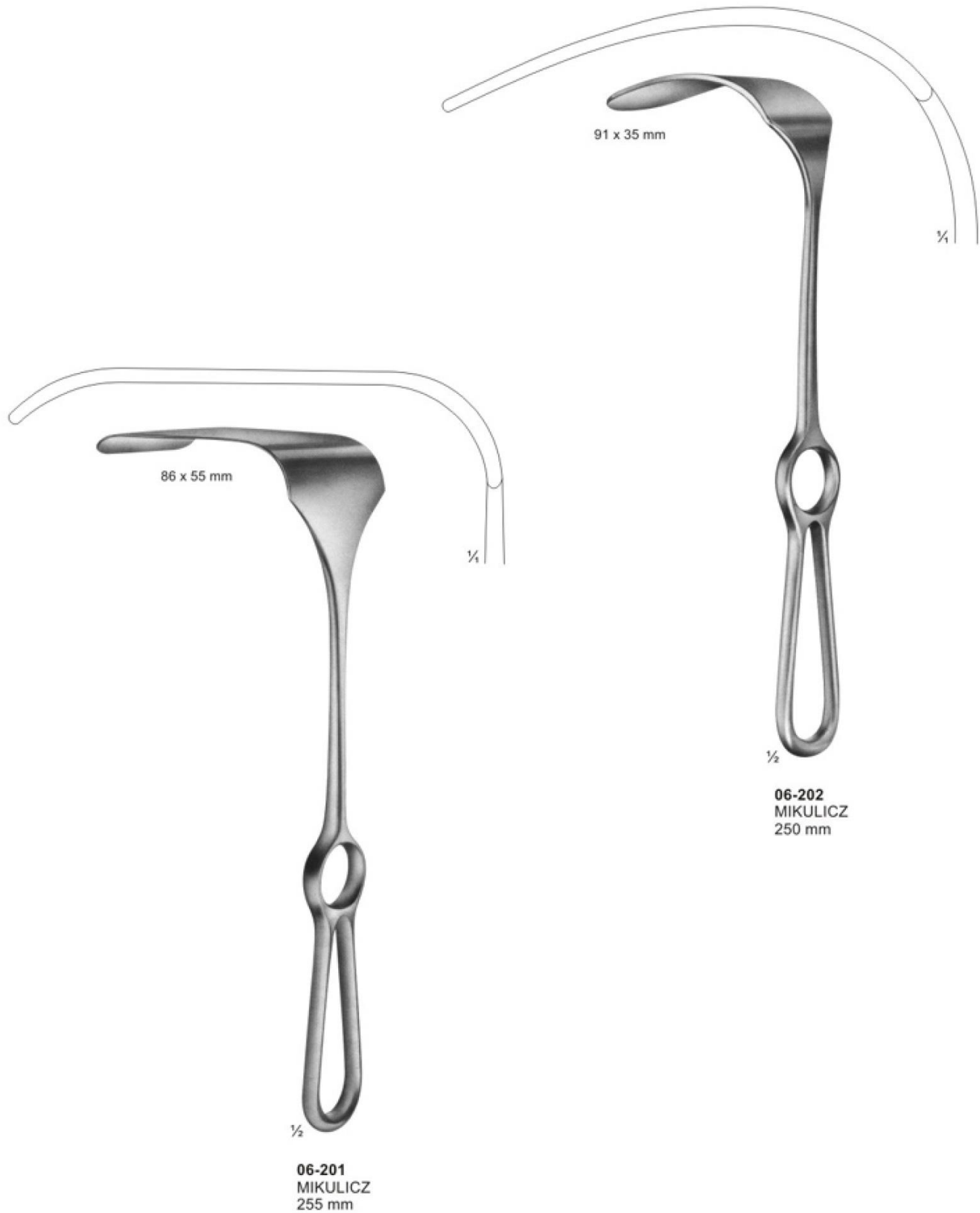


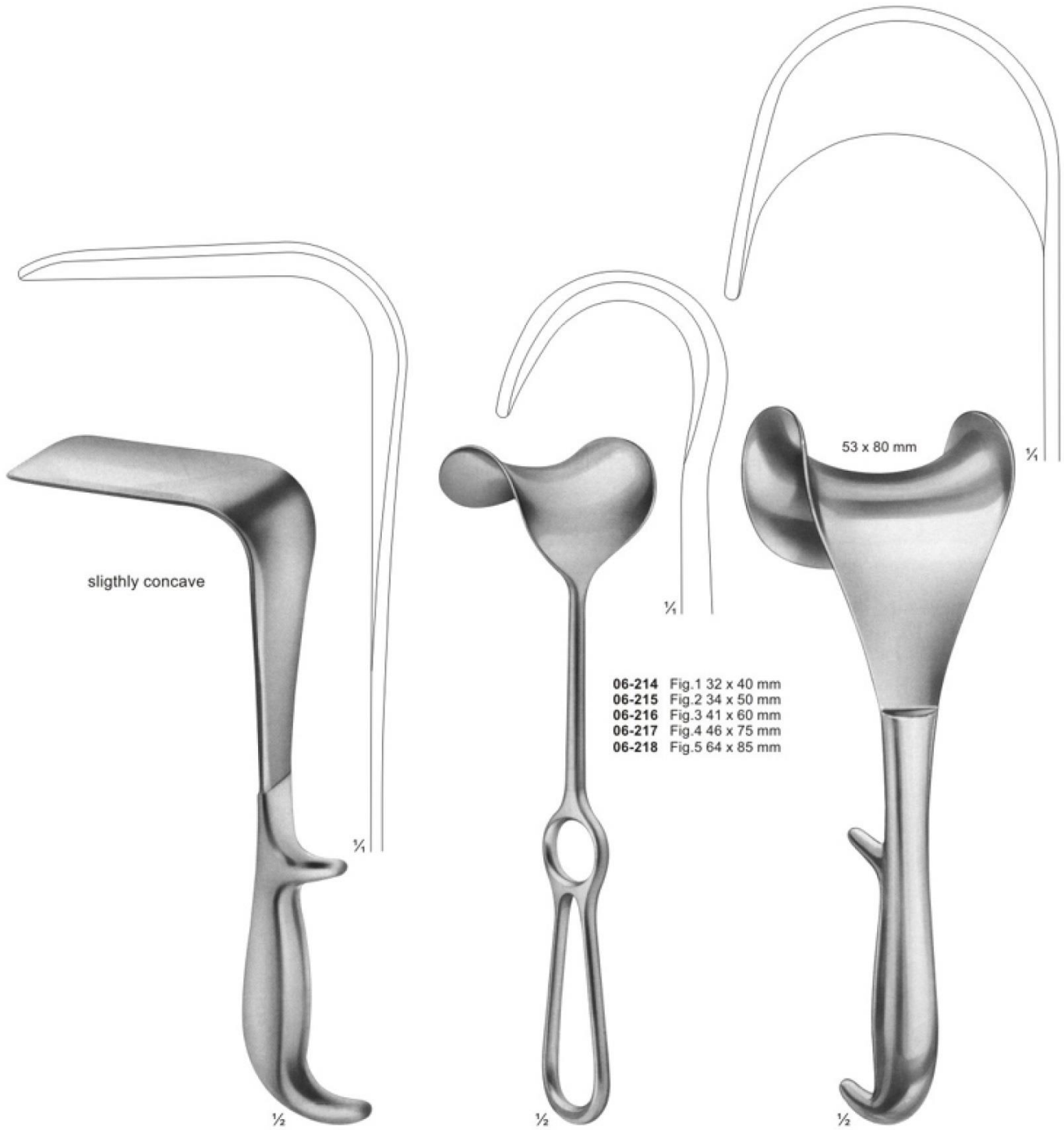
06-195
 Handle with cold
 light carrier for
 retractor blades.
 280 mm

Retractors, Lung Spatulas



Retractors for deep surgery (Abdominal Retractors)





- 06-214 Fig.1 32 x 40 mm
- 06-215 Fig.2 34 x 50 mm
- 06-216 Fig.3 41 x 60 mm
- 06-217 Fig.4 46 x 75 mm
- 06-218 Fig.5 64 x 85 mm

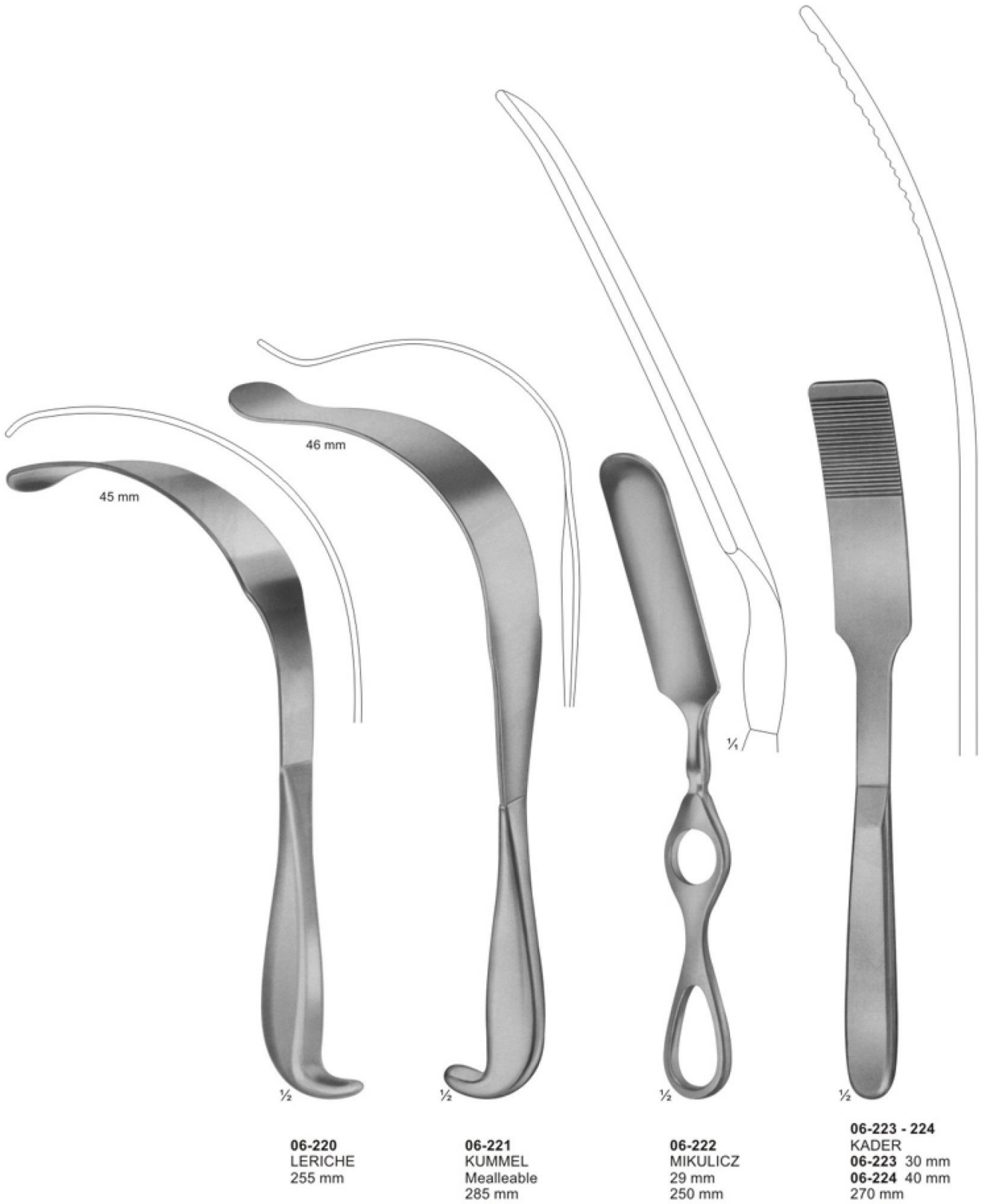
06-203 - 213
DOYEN
 240 mm

06-214 - 218
FRITSCH
 240 mm

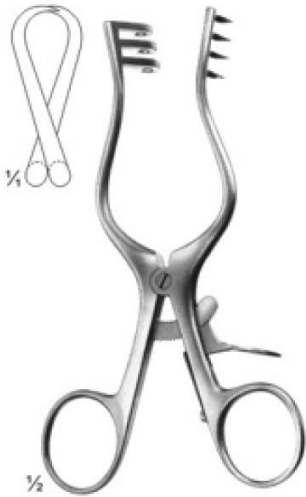
06-219
DOYEN
 250 mm

	width of blades	35 mm, 45 mm, 60 mm
length of blades	06-203 , 06-204 , 06-205	62 mm
	06-206 , 06-207 , 06-208	92 mm
	06-209 , 06-210 , 06-211	122 mm
	06-212 , 06-213	160 mm

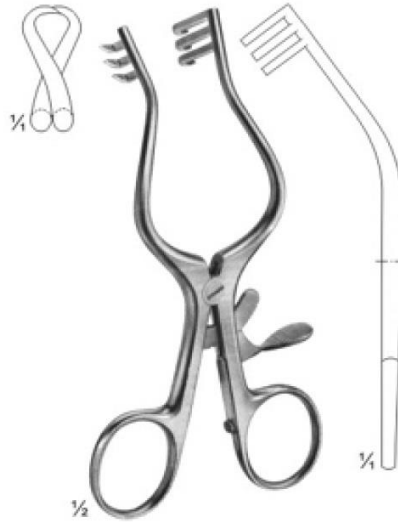
Abdominal- and Intestinal Spatulas



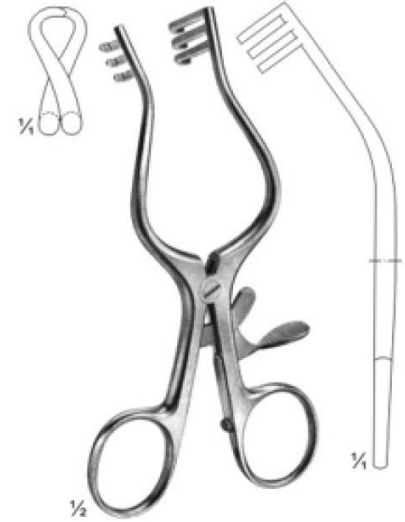
Self-Retaining Retractors



06-225
WEITLANER
 sharp
 130 mm



06-226
WULLSTEIN
 sharp
 130 mm



06-227
WULLSTEIN
 blunt
 130 mm



06-228
WEITLANER
 sharp
 165 mm



06-229
PLESTER
 blunt
 110 mm

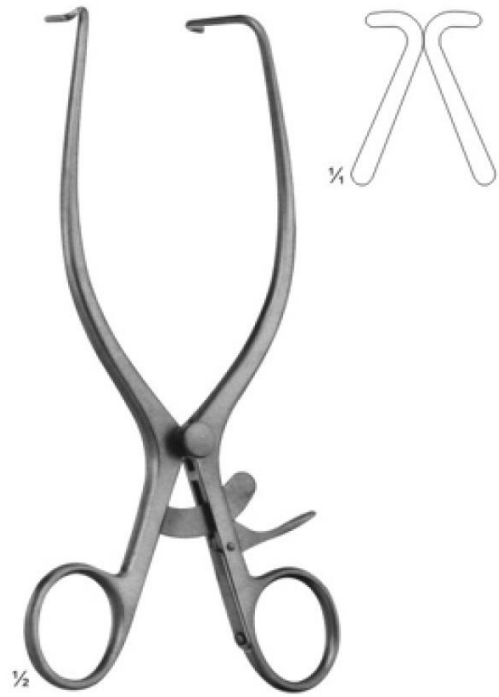


06-230
PERKINS
 130 mm

Special Retractors



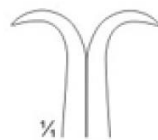
06-231
JOLL (FRIEDMAN)
 Thyroid- and vaginal retractor
 155 mm



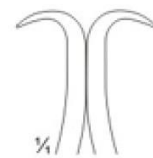
06-232
JACKSON BURROWS
 Retractor, blunt
 185 mm



06-233
GELPI
 Vaginal retractor
 135 mm



06-234
GELPI
 Skin- and vaginal retractor
 175 mm



06-235
DE BAKEY
 Femur retractor
 145 mm

Lamina Spreaders



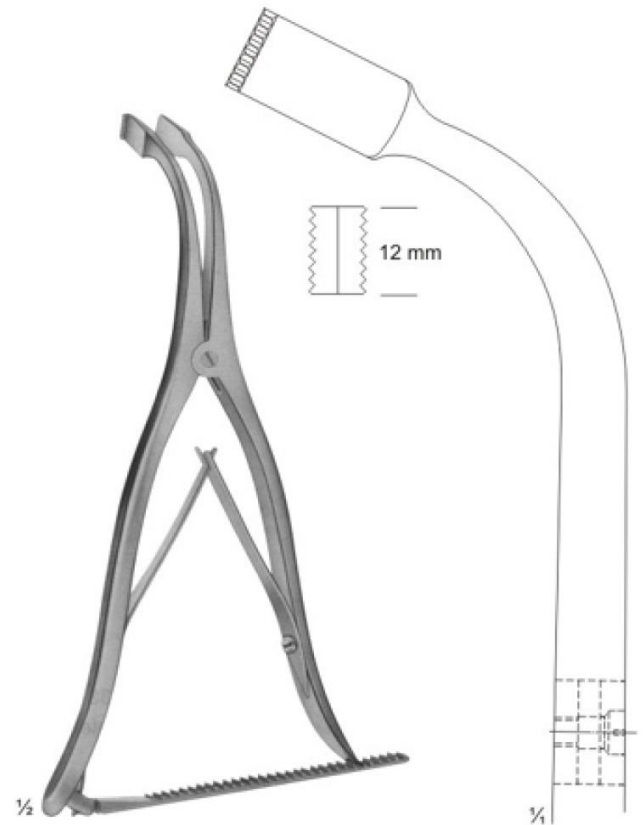
06-236
CLOWARD
155 mm



06-237
CLOWARD
135 mm



06-238
INGE
170 mm

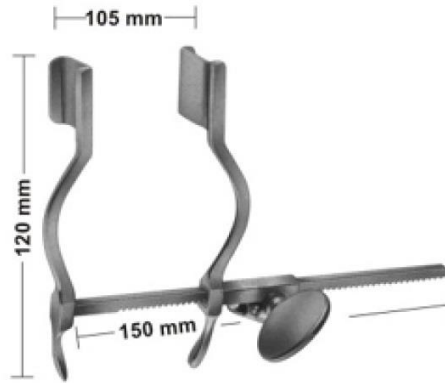


06-239
INGE
275 mm

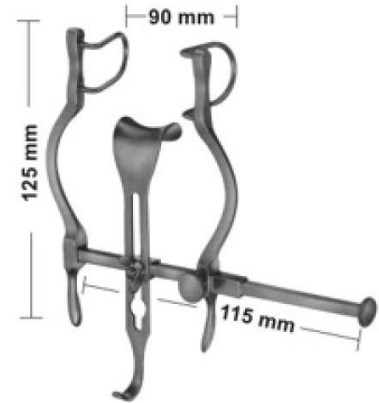
Abdominal Retractors



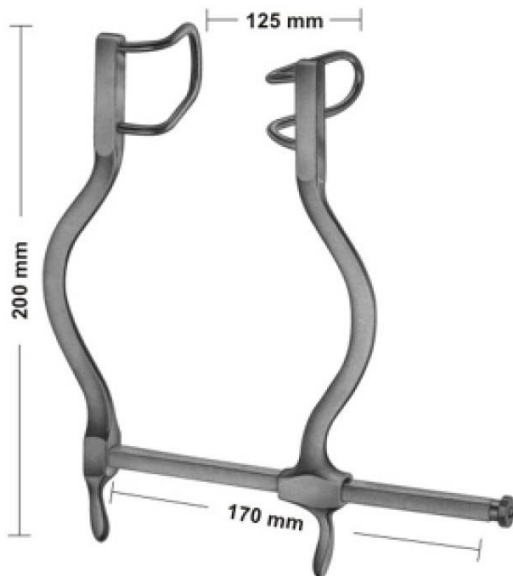
06-240
GOSSET
 Blades: 38 mm deep



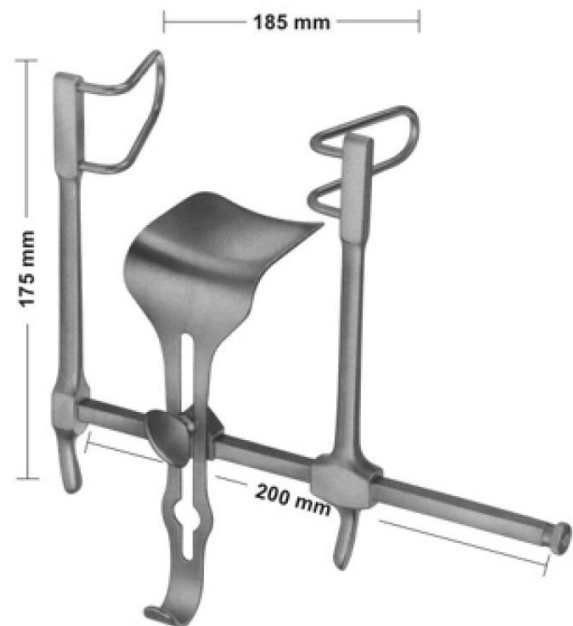
06-241
HERTZLER
 Blades 20 X 25 mm



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

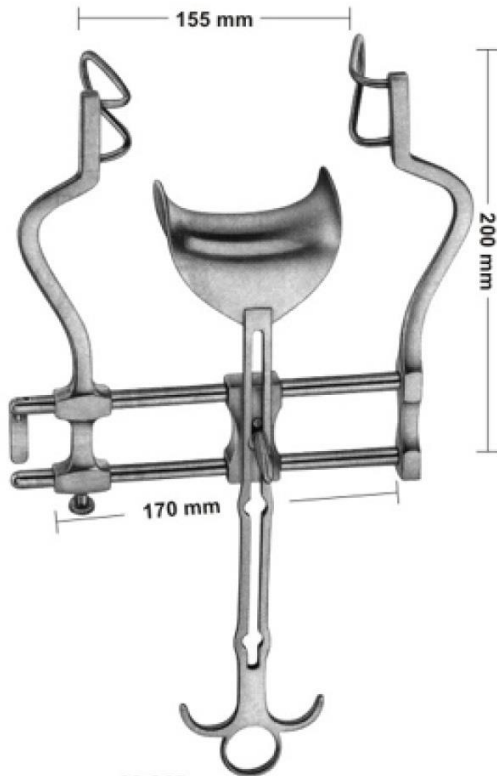


06-243
GOSSET
 Blades: 55mm deep

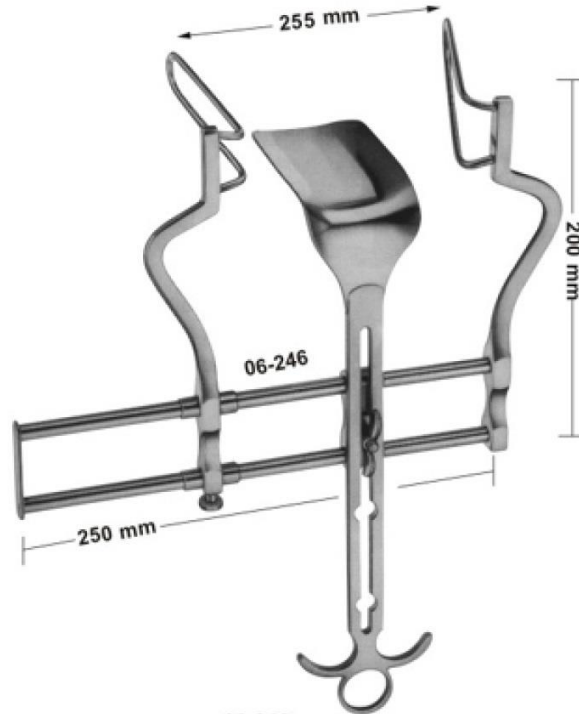


06-244
GOSSET
 Lateral blades 58 mm deep
 Center blade 59 x 57 mm

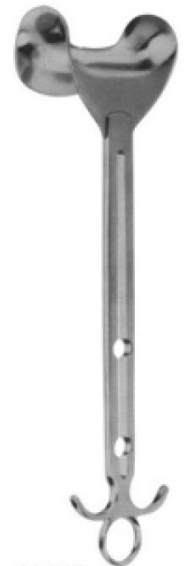
Abdominal Retractors



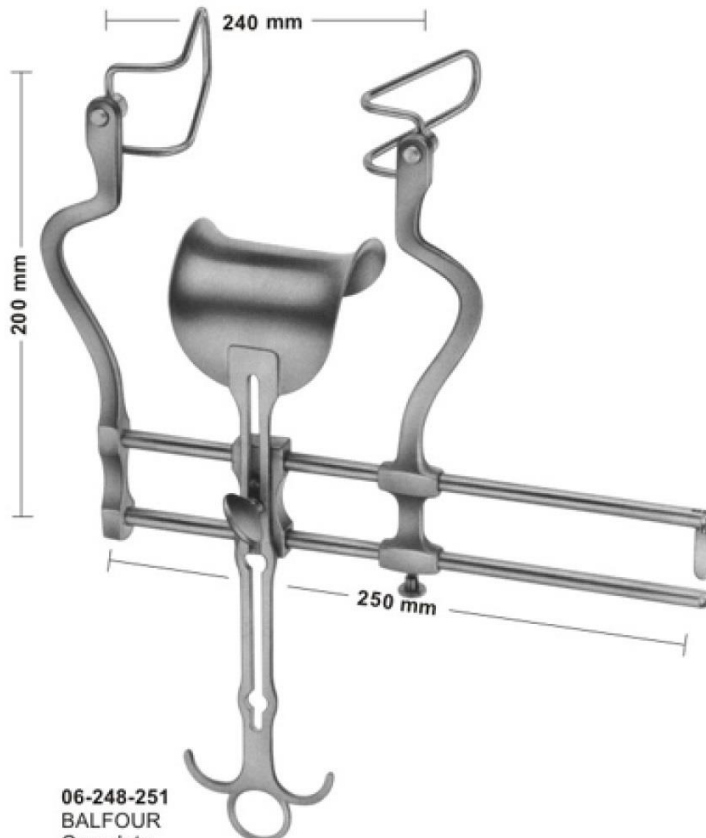
06-245
BALFOUR
 Lateral blades 60 mm deep
 Center blade 47 x 80 mm



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



06-247
 Center blade only
 54x80 mm

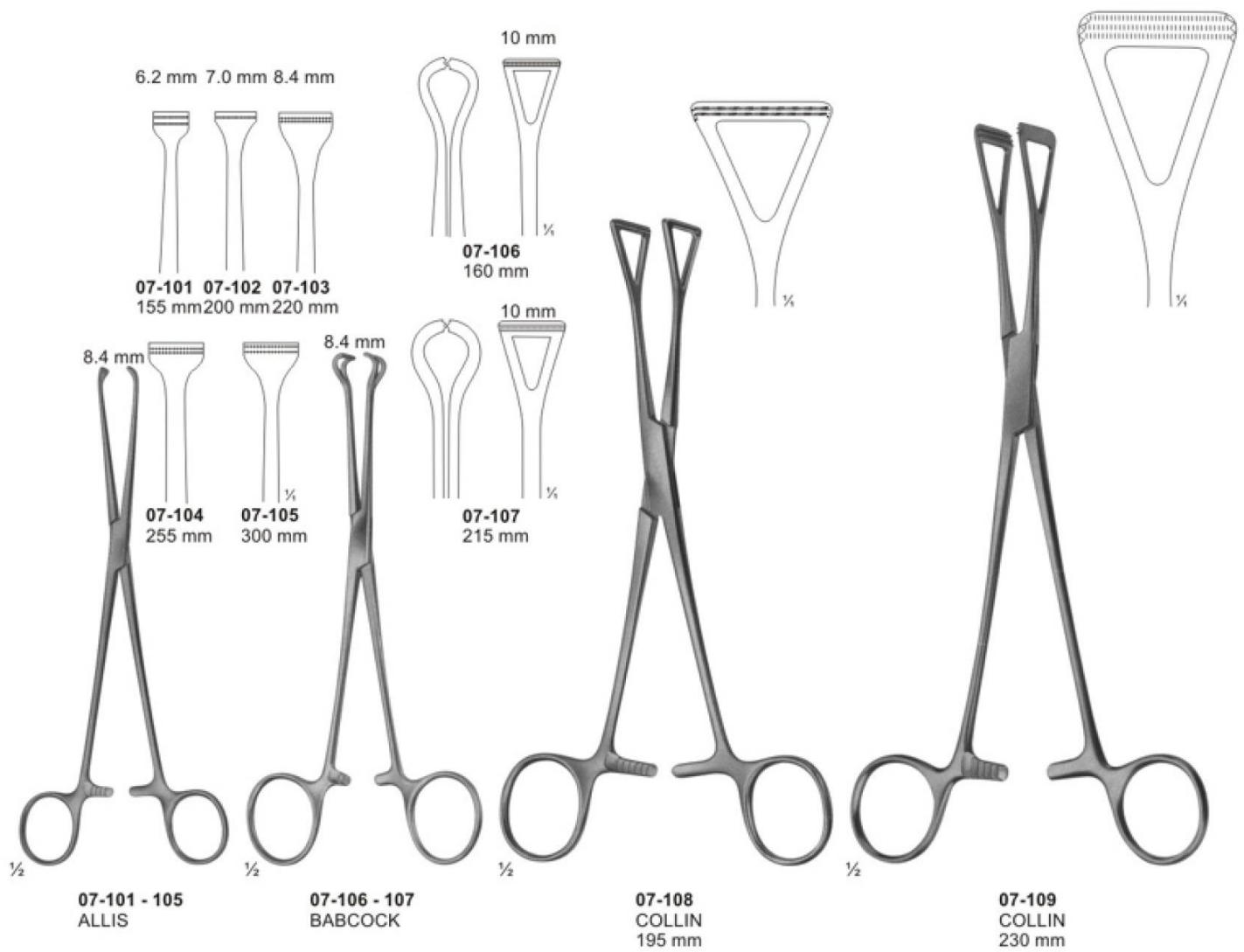


06-248-251
BALFOUR
 Complete
 Spreader only **06-248** **06-249** **06-250** **06-251**
 Lateral blades 50 mm 60 mm 75 mm 90 mm
 Center blade 47 x 80 mm 62x76 mm 80x80 mm 80x80 mm



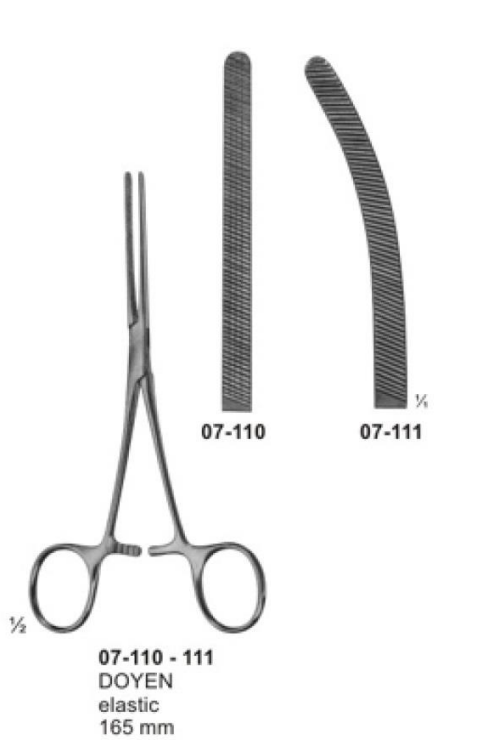
Lateral blades
06-252 50 mm deep
06-253 60 mm deep
06-254 75 mm deep
06-255 90 mm deep
 Sales Unit of blades:PR = pair

Organ-, Tissue and Intestinal Grasping Forceps

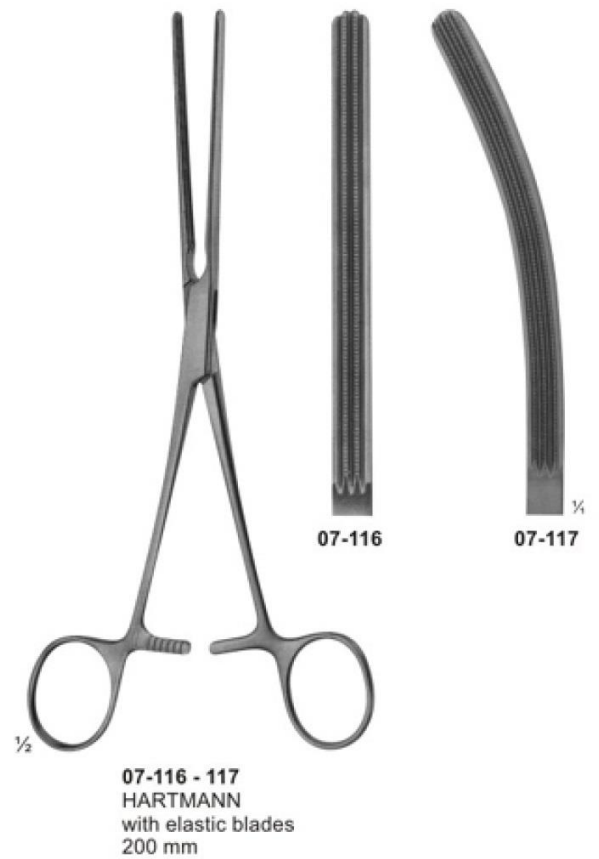
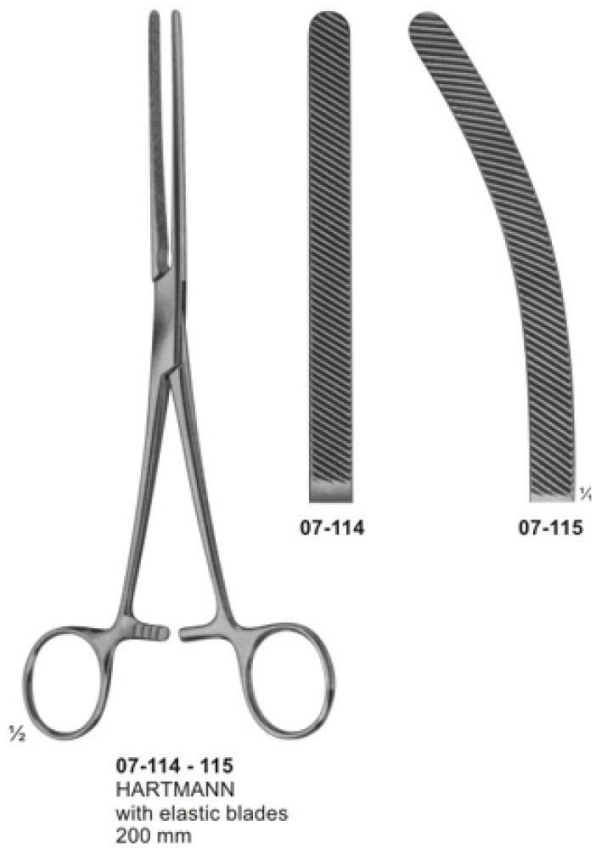


Intestinal Clamps, soft elastic

ATRAUMATA



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Intestinal and Pylorus Clamps



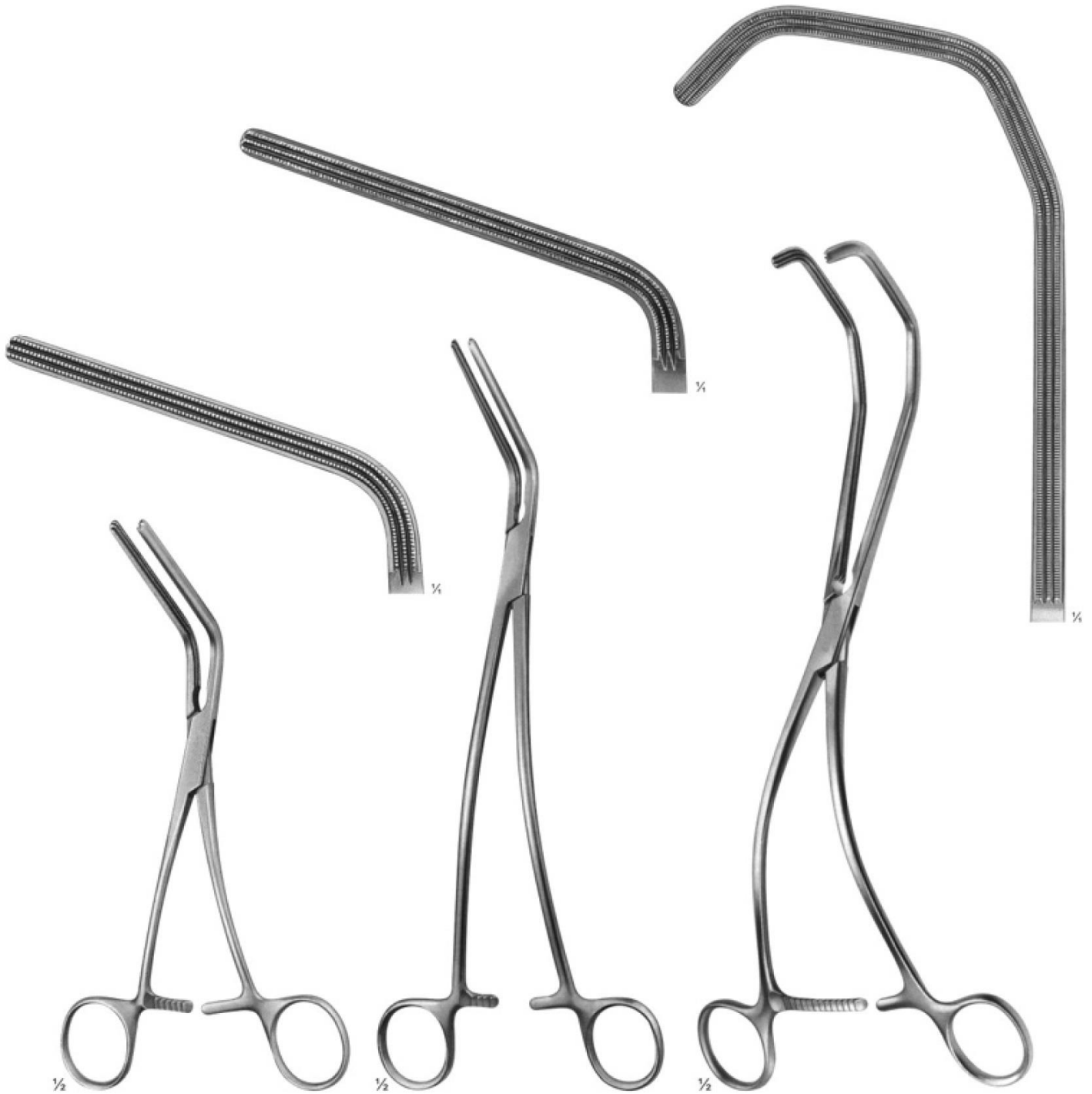
1/2
07-118
PAYR
Intestinal clamp
light pattern,
for children
180 mm

1/2
07-119
PAYR
200 mm

1/2
07-120
PAYR
275 mm

1/2
07-121
PAYR
Pylorus clamp
315 mm

ATRAUMATA
Sigmoid Anastomosis Forceps

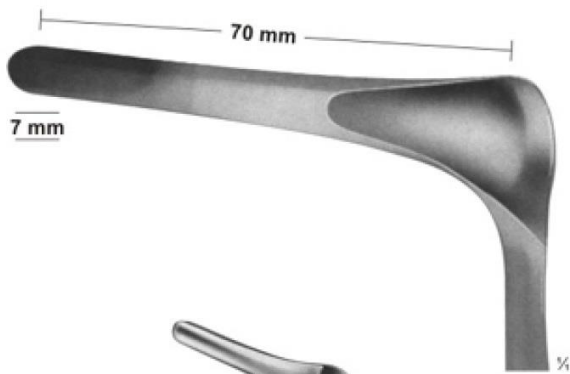


07-222
MORRIS
175 mm

07-223
DE BAKEY
(MORRIS modif.)
240 mm

07-224
KERSTING
270 mm

Rectal Specula



08-101
KILLIAN
 for children
 145 mm



08-102
SIMS
 160 mm



08-103
SIMS
 160 mm

Anuscopes-Sphincteroscopes



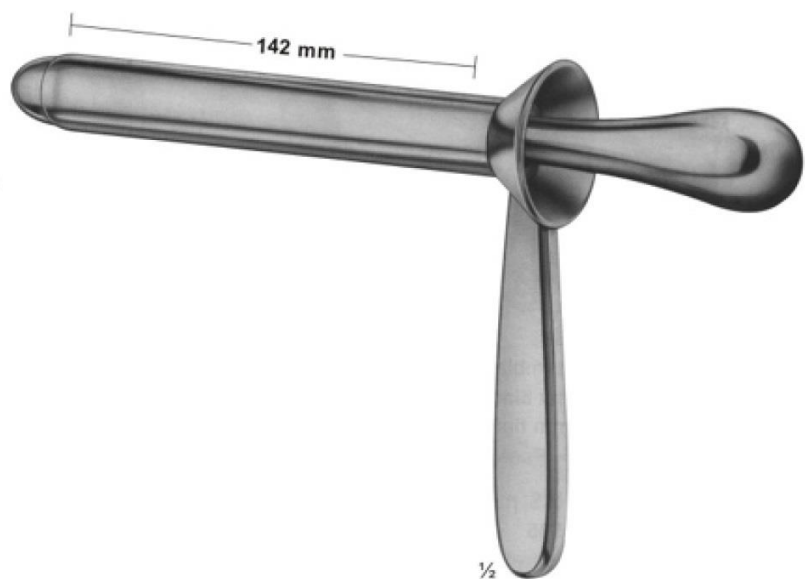
08-104
IVES-FANSLER
 Anuscops
 145 mm
 Ø24mm



08-105
KELLY
 Sphincteroscope
 160 mm
 Ø21mm

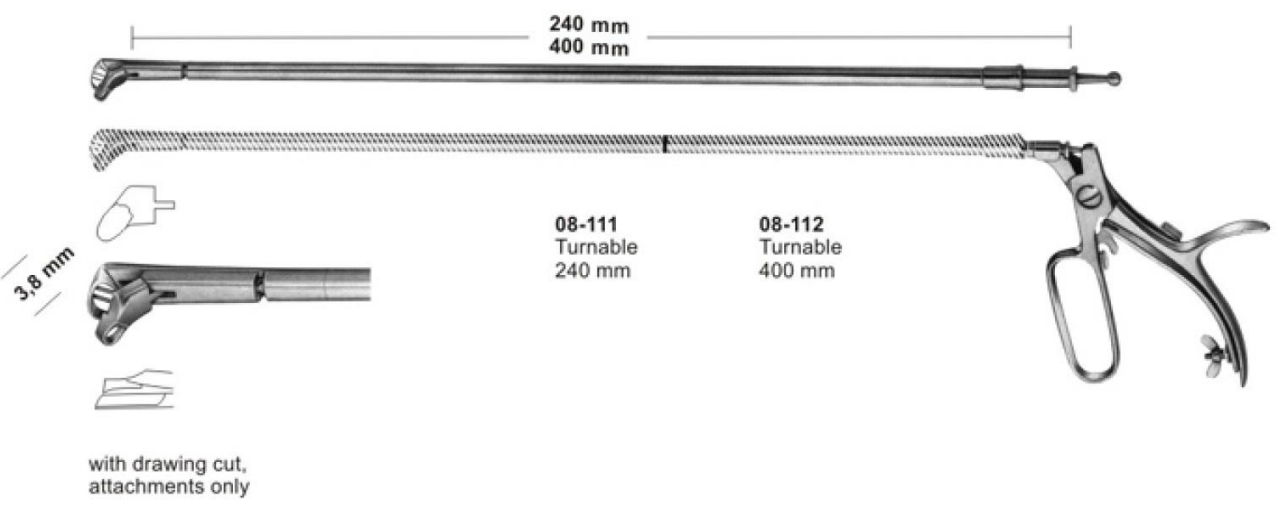
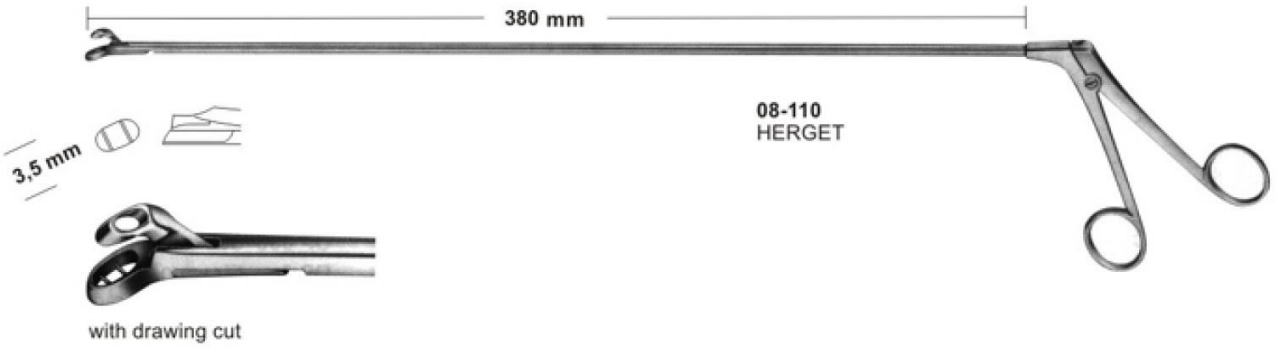
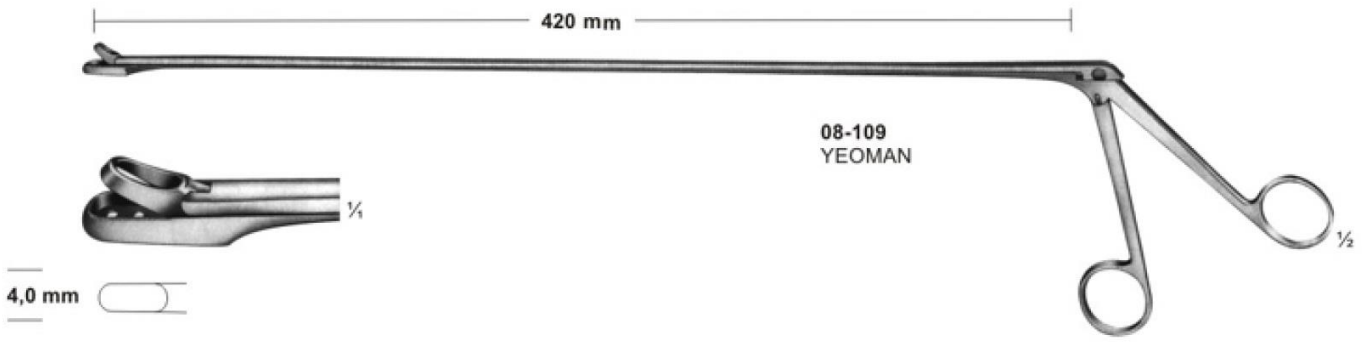
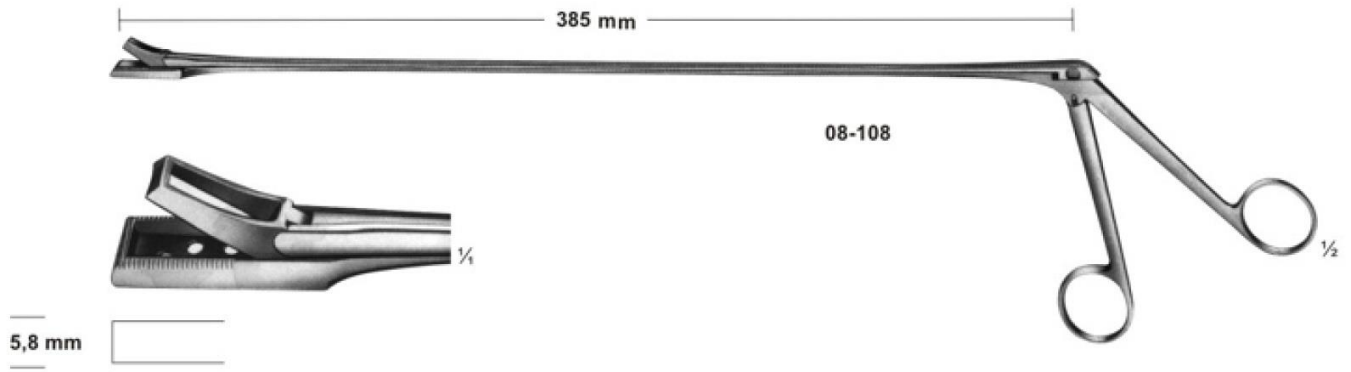


08-106
KELLY
 Sphincteroscope
 160 mm
 Ø27mm



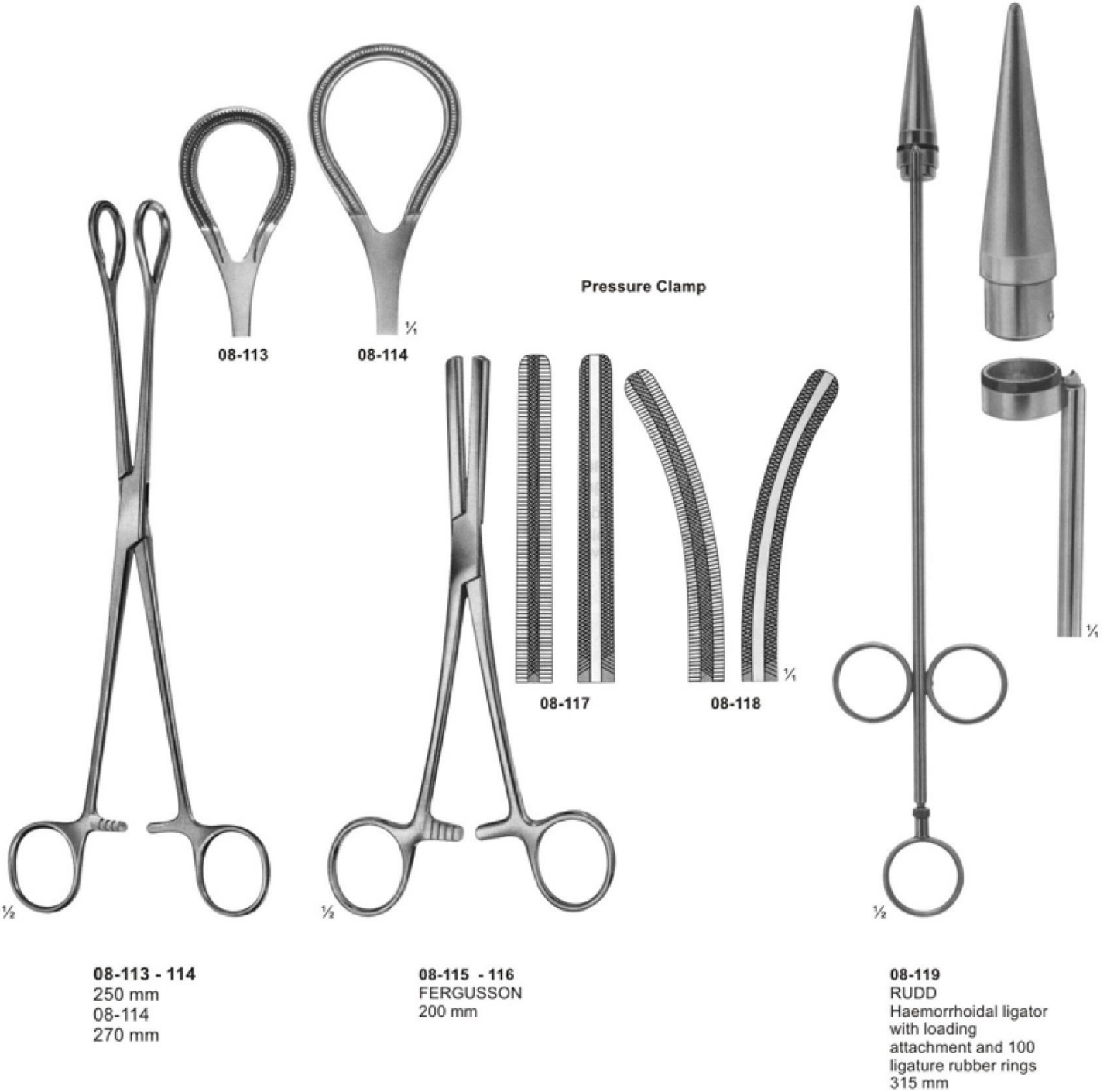
08-107
KELLY
 Proctoscope
 140 mm
 Ø22mm

Biopsy forceps for rectum



Haemorrhoidal Forceps

ATRAUMATA



Gall Duct Forceps



08-120
LOWER
180 mm



08-121
LAHEY (SWEET)
190 mm



08-123
LAHEY
220 mm

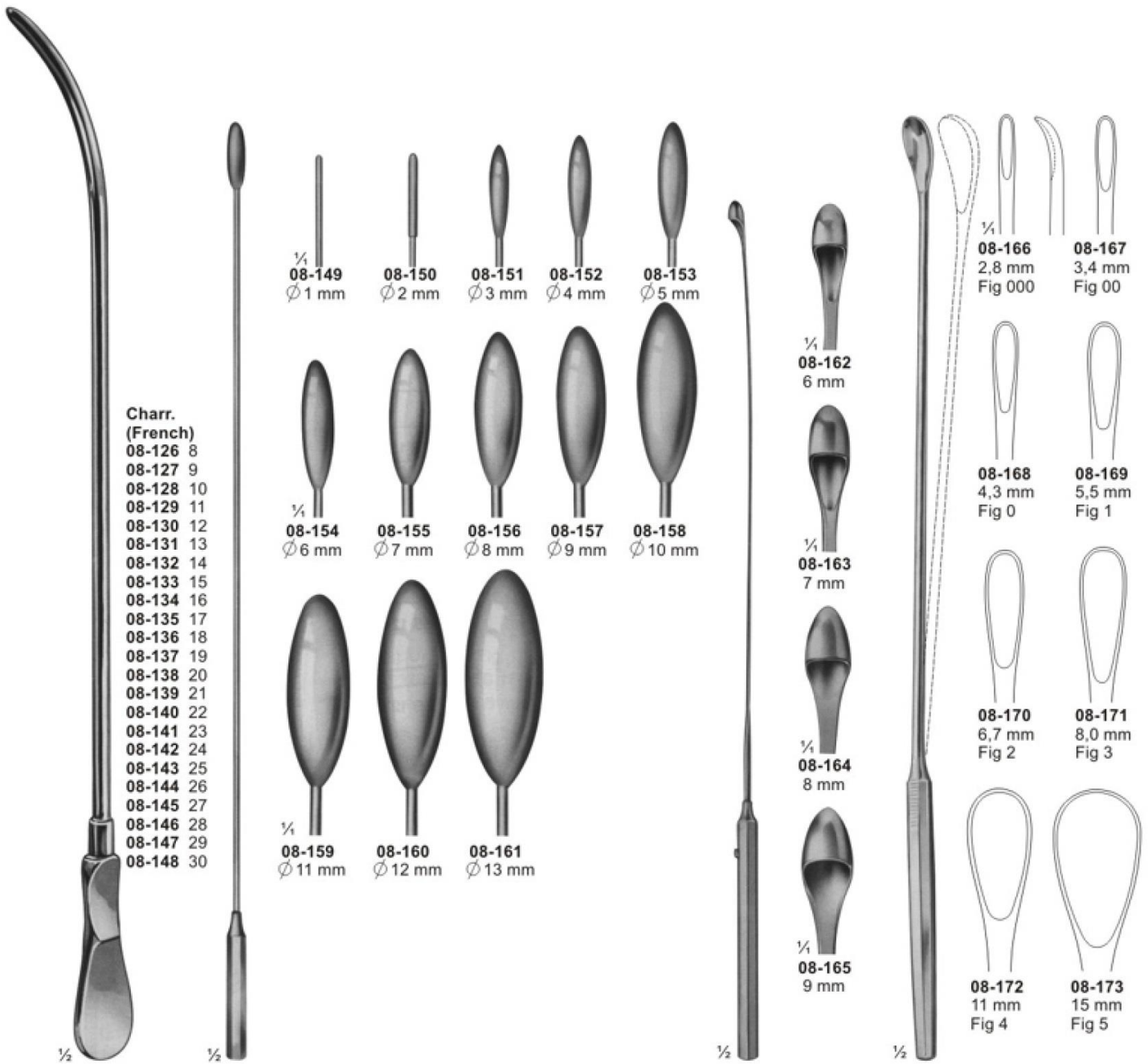


08-124
DESJARDINS
Gall duct-and cystic forceps
210 mm



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

Gall Duct Dilators and Gall Stone Scoops



**Charr.
(French)**
 08-126 8
 08-127 9
 08-128 10
 08-129 11
 08-130 12
 08-131 13
 08-132 14
 08-133 15
 08-134 16
 08-135 17
 08-136 18
 08-137 19
 08-138 20
 08-139 21
 08-140 22
 08-141 23
 08-142 24
 08-143 25
 08-144 26
 08-145 27
 08-146 28
 08-147 29
 08-148 30

1/4
08-149
 Ø 1 mm

1/4
08-150
 Ø 2 mm

1/4
08-151
 Ø 3 mm

1/4
08-152
 Ø 4 mm

1/4
08-153
 Ø 5 mm

1/4
08-154
 Ø 6 mm

1/4
08-155
 Ø 7 mm

1/4
08-156
 Ø 8 mm

1/4
08-157
 Ø 9 mm

1/4
08-158
 Ø 10 mm

1/4
08-159
 Ø 11 mm

1/4
08-160
 Ø 12 mm

1/4
08-161
 Ø 13 mm

1/4
08-162
 6 mm

1/4
08-163
 7 mm

1/4
08-164
 8 mm

1/4
08-165
 9 mm

1/4
08-166
 2,8 mm
 Fig 000

1/4
08-167
 3,4 mm
 Fig 00

1/4
08-168
 4,3 mm
 Fig 0

1/4
08-169
 5,5 mm
 Fig 1

1/4
08-170
 6,7 mm
 Fig 2

1/4
08-171
 8,0 mm
 Fig 3

1/4
08-172
 11 mm
 Fig 4

1/4
08-173
 15 mm
 Fig 5

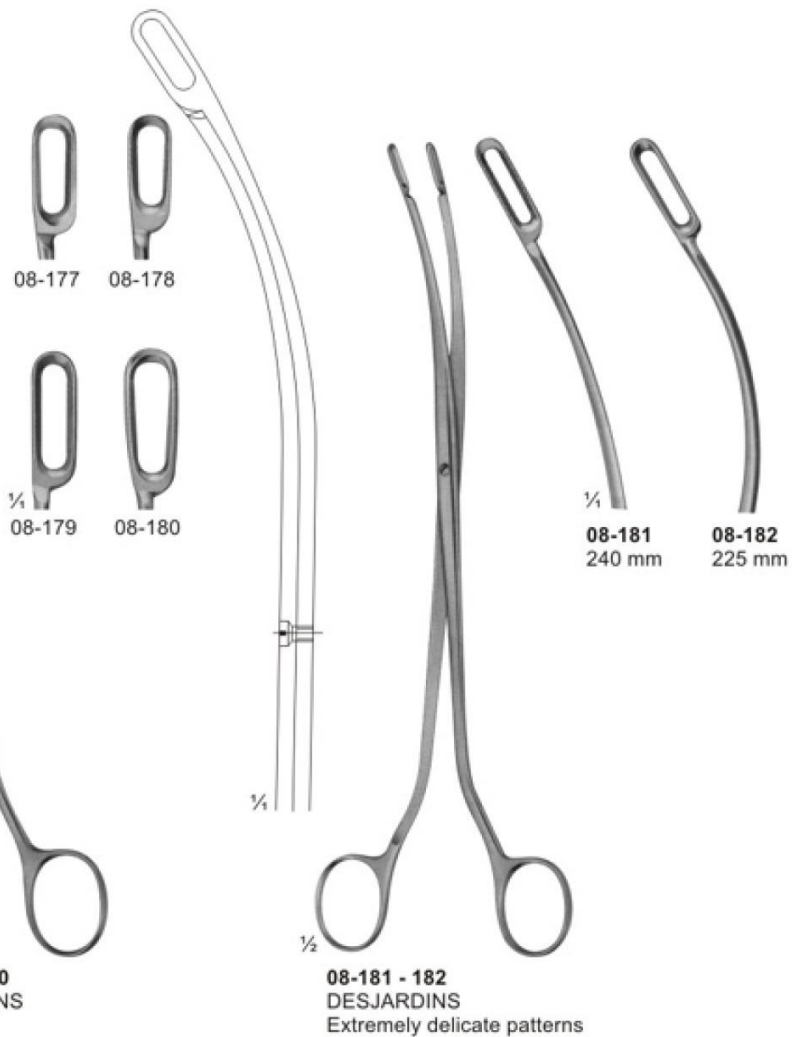
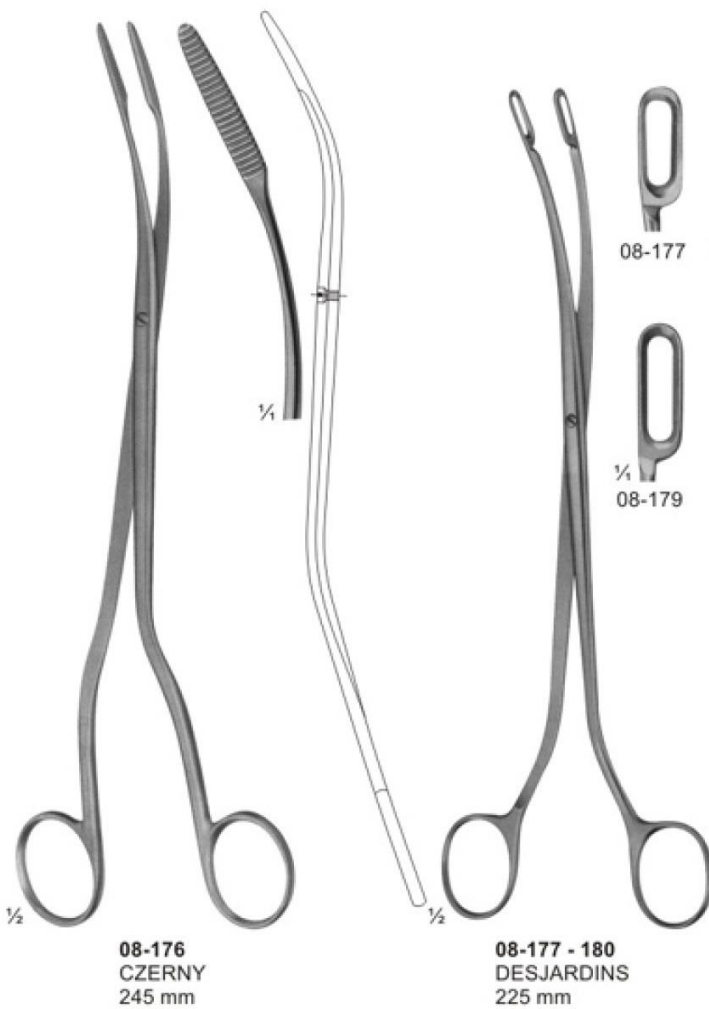
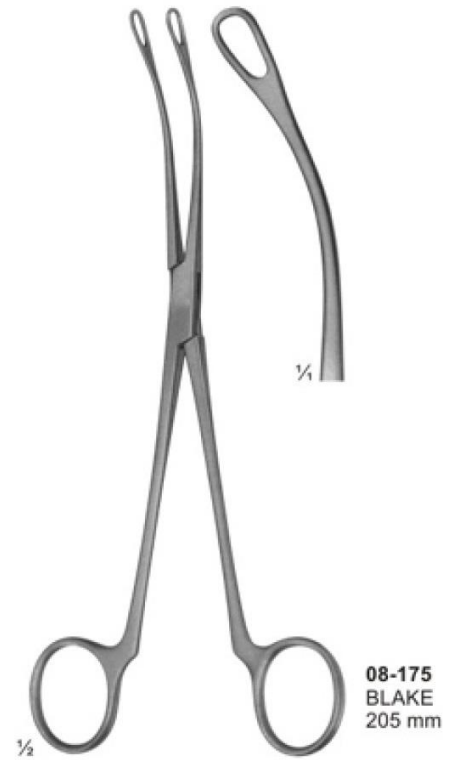
08-126 - 148
DITTEL
 Metall bougies and
 dilating sounds, stiff
 345 mm

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

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

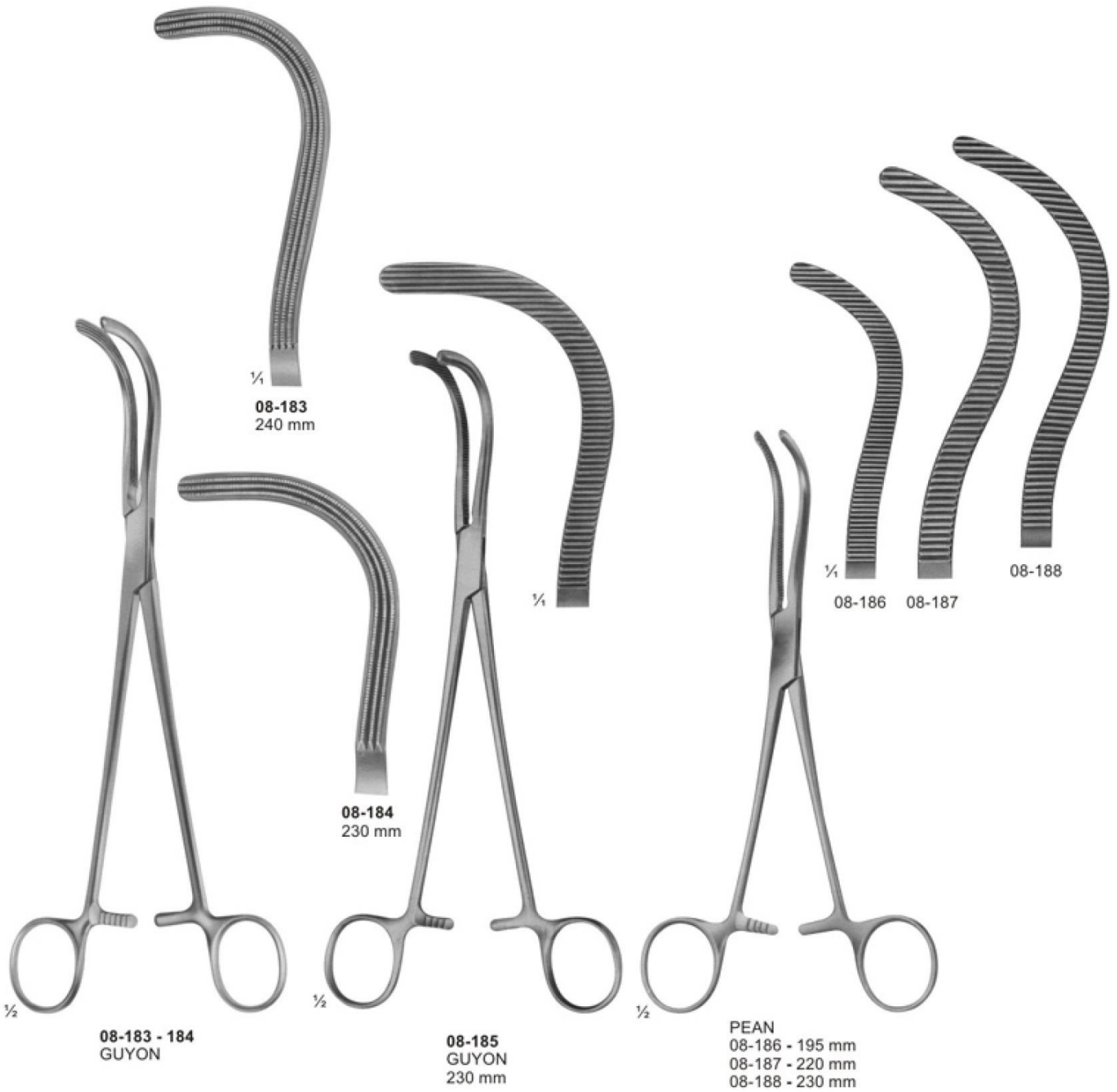
08-166 - 173
LUER-KOERTE modif
 with malleable shaft
 310 mm

Gall Stone Forceps



Kidney Clamps

ATRAUMATA



Kidney Stone Forceps



08-189



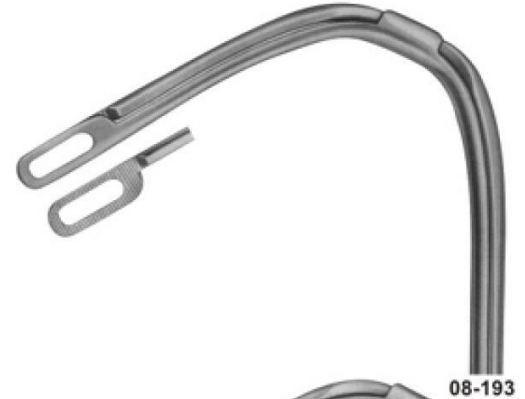
08-190



08-191



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



08-193



08-194



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



$\frac{1}{2}$

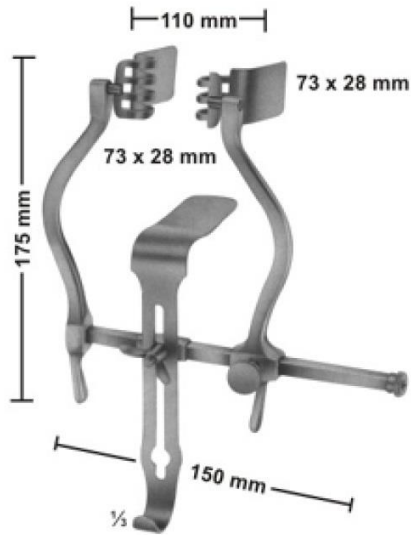
08-189 - 192
RANDALL
225 mm



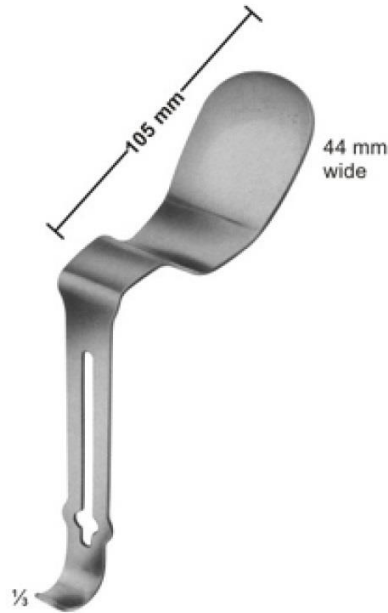
$\frac{1}{2}$

08-193 - 195
RANDALL
190 mm

Bladder Retractors



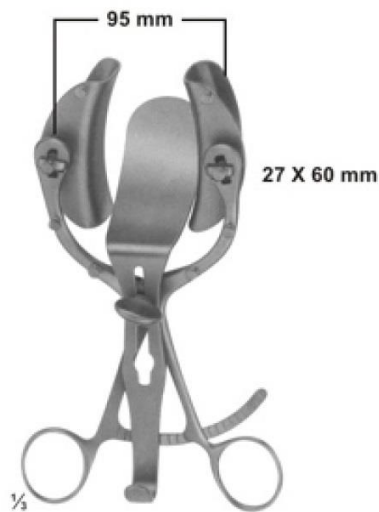
09-101
JUDD-MASSON
 Bladder-and suprapubic retractor



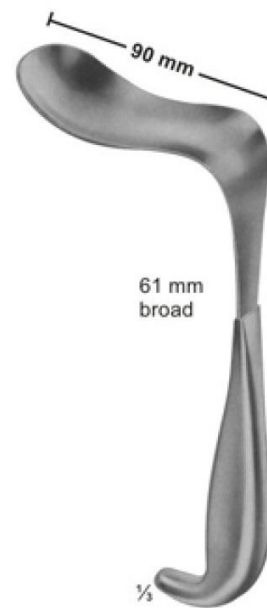
09-102
MILLIN
 Center bladder for retro pubic prostatectomy



09-103
MILLIN
 Bladder retractor, complete 105X45 mm

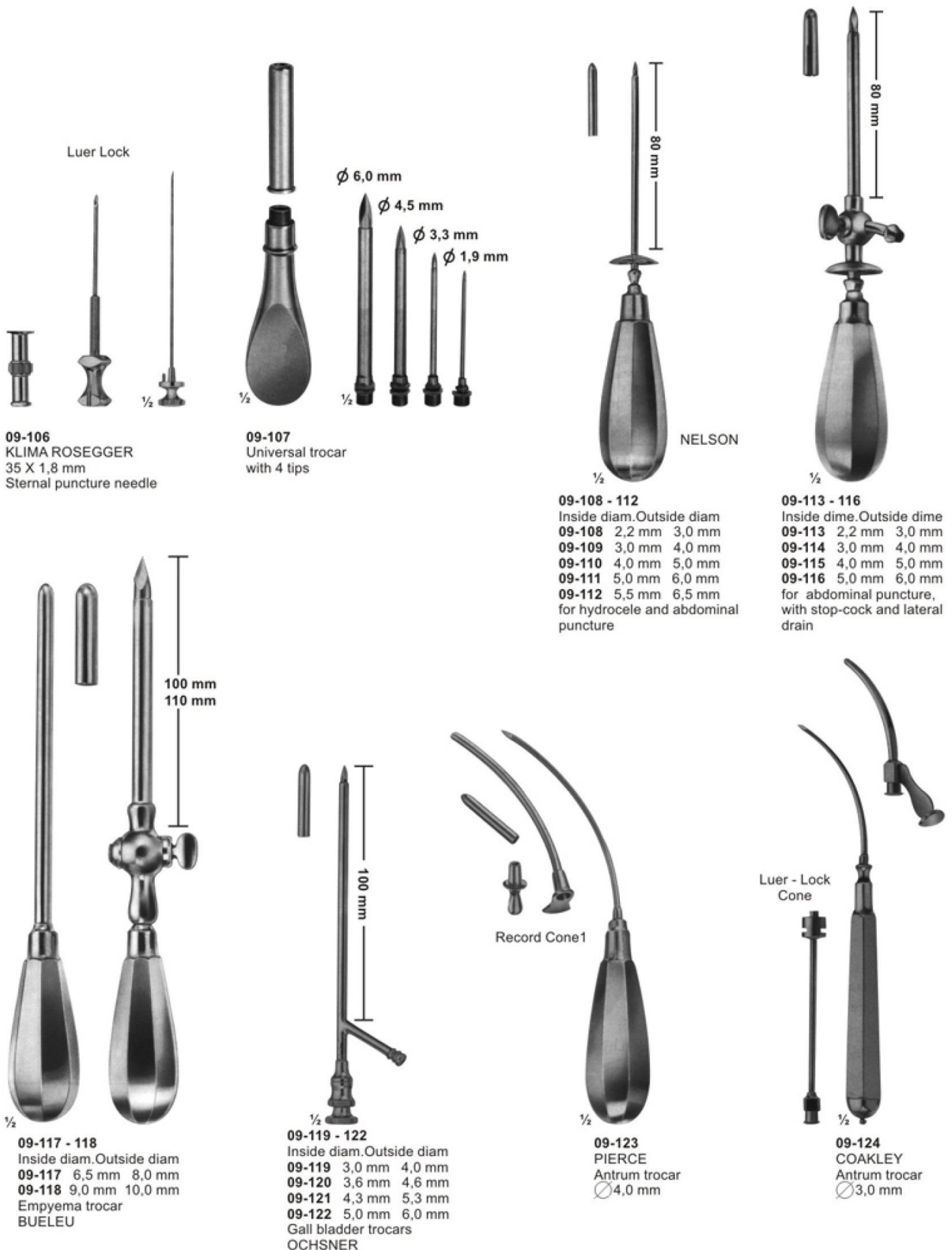


09-104
LEGUEU
 Bladder retractor
 Center blade
 80 x 31 mm



09-105
KOCHER
 Bladder spatula
 235 mm

Trocars



Luer Lock

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

09-107 Universal trocar
 with 4 tips

ϕ 6,0 mm
 ϕ 4,5 mm
 ϕ 3,3 mm
 ϕ 1,9 mm

NELSON

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

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

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

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

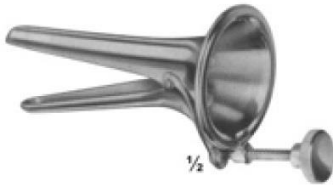
Record Cone1

09-123 PIERCE
 Antrum trocar
 ϕ 4,0 mm

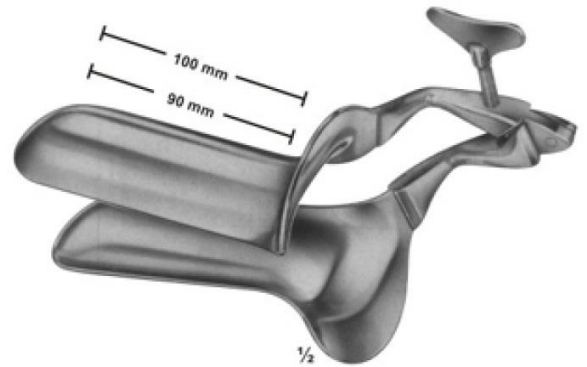
09-124 COAKLEY
 Antrum trocar
 ϕ 3,0 mm

Luer - Lock Cone

Vaginal Specula



10-101
COLLIN
 for children
 53 x 10 mm



10-102 - 105
COLLIN

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



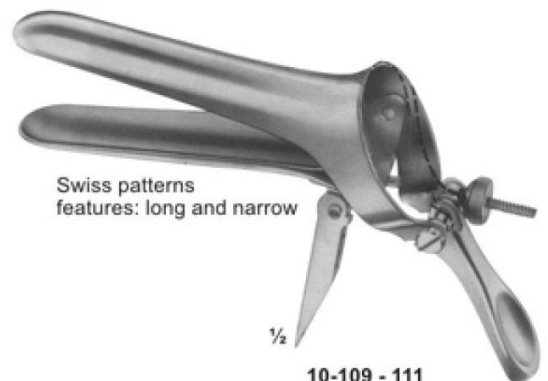
10-106
COLLIN
 for virgins
 95/85 x 18 mm



10-107
CUSCO
 for virgins
 75 x 17 mm



10-108
CUSCO
 for virgins
 75 x 17 mm

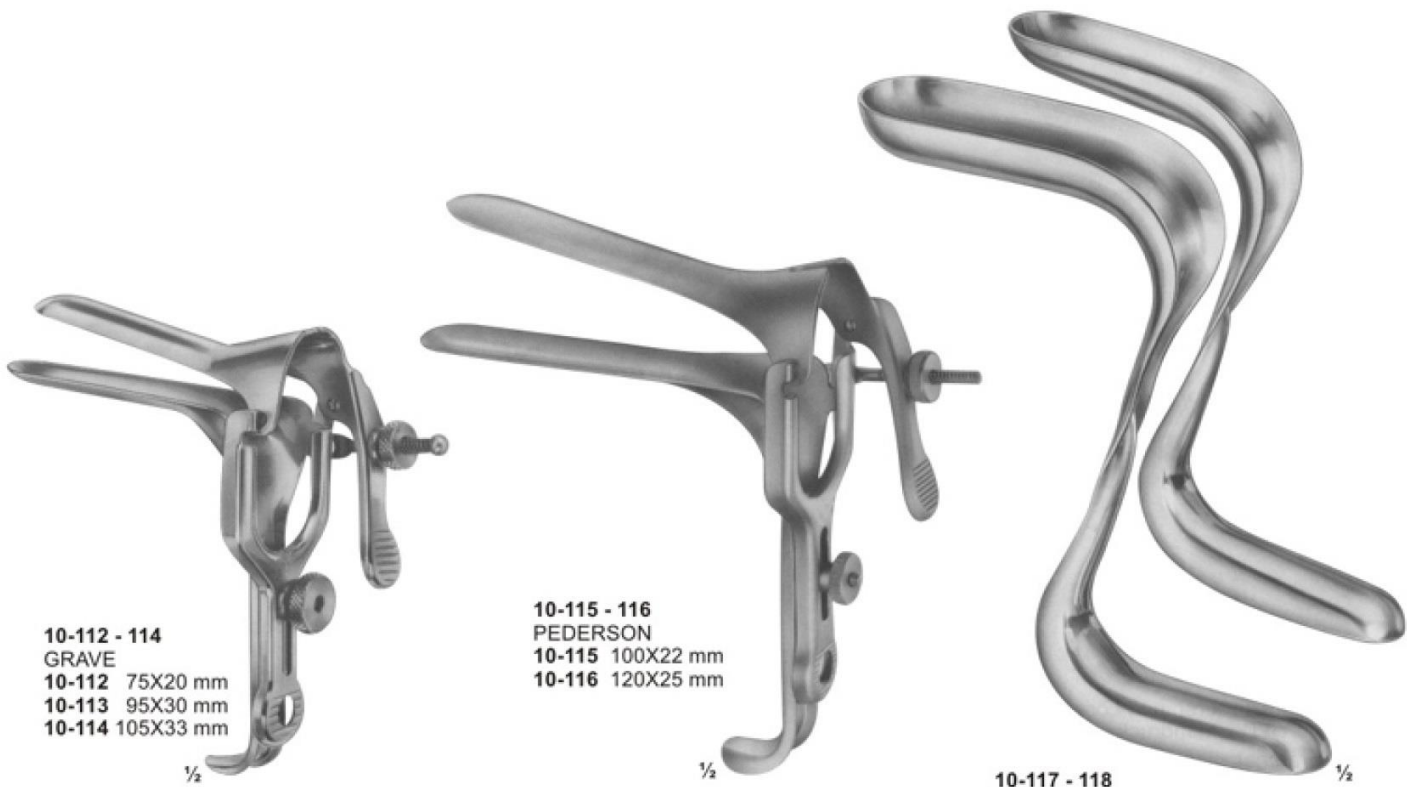


Swiss patterns
 features: long and narrow

10-109 - 111
CUSCO

10-109	92X23-25 mm
10-110	100x25-27 mm
10-111	110x27-30 mm

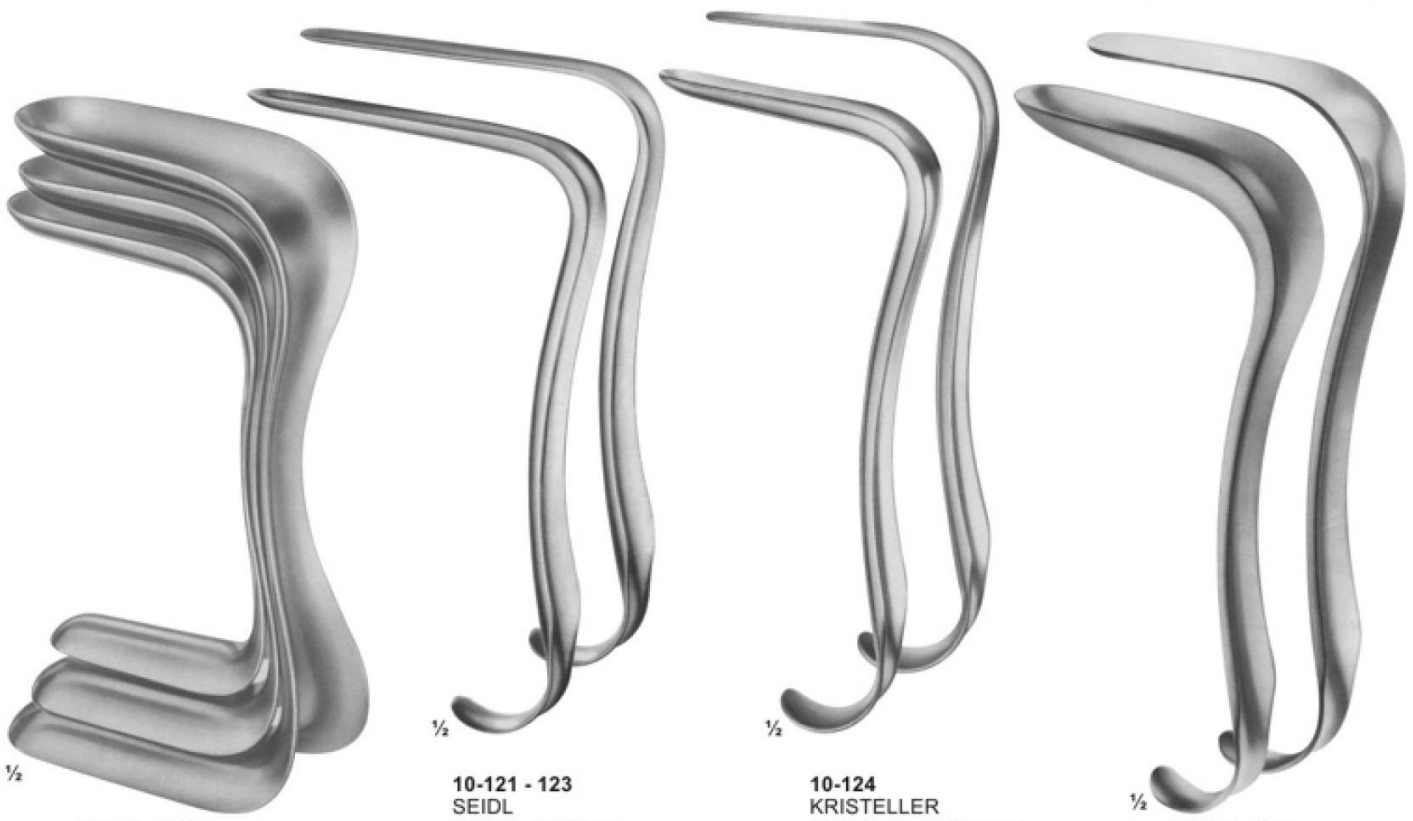
Vaginal Specula- Sets, upper and lower blades



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

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

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



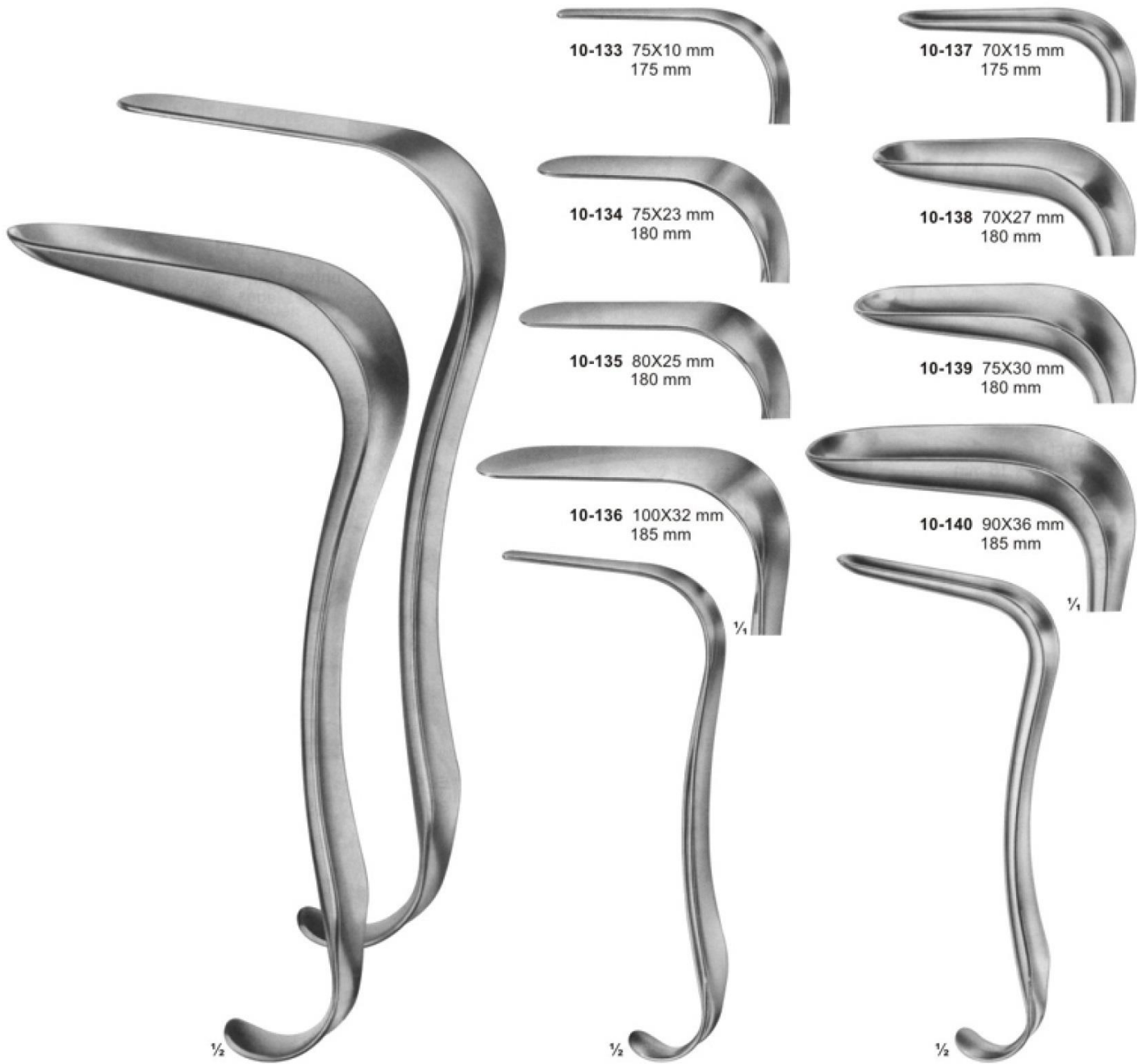
10-119 - 120
SIMS
 70 X 26 mm / 75 X 30 mm
 75 X 30 mm / 80 X 35 mm
 80 X 36 mm / 90 X 40 mm
 175 mm

10-121 - 123
SEIDL
 10-121 80X8 mm
 10-122 80X10 mm
 10-123 90X14 mm
 For children and infants
 170 mm

10-124
KRISTELLER
 70X15 mm, (170 mm)
 For children

10-125 - 127
KRISTELLER
 10-125 70X27 mm
 10-126 75X30 mm
 10-127 90X36 mm
 175 mm

Vaginal Specula- upper and lower blades

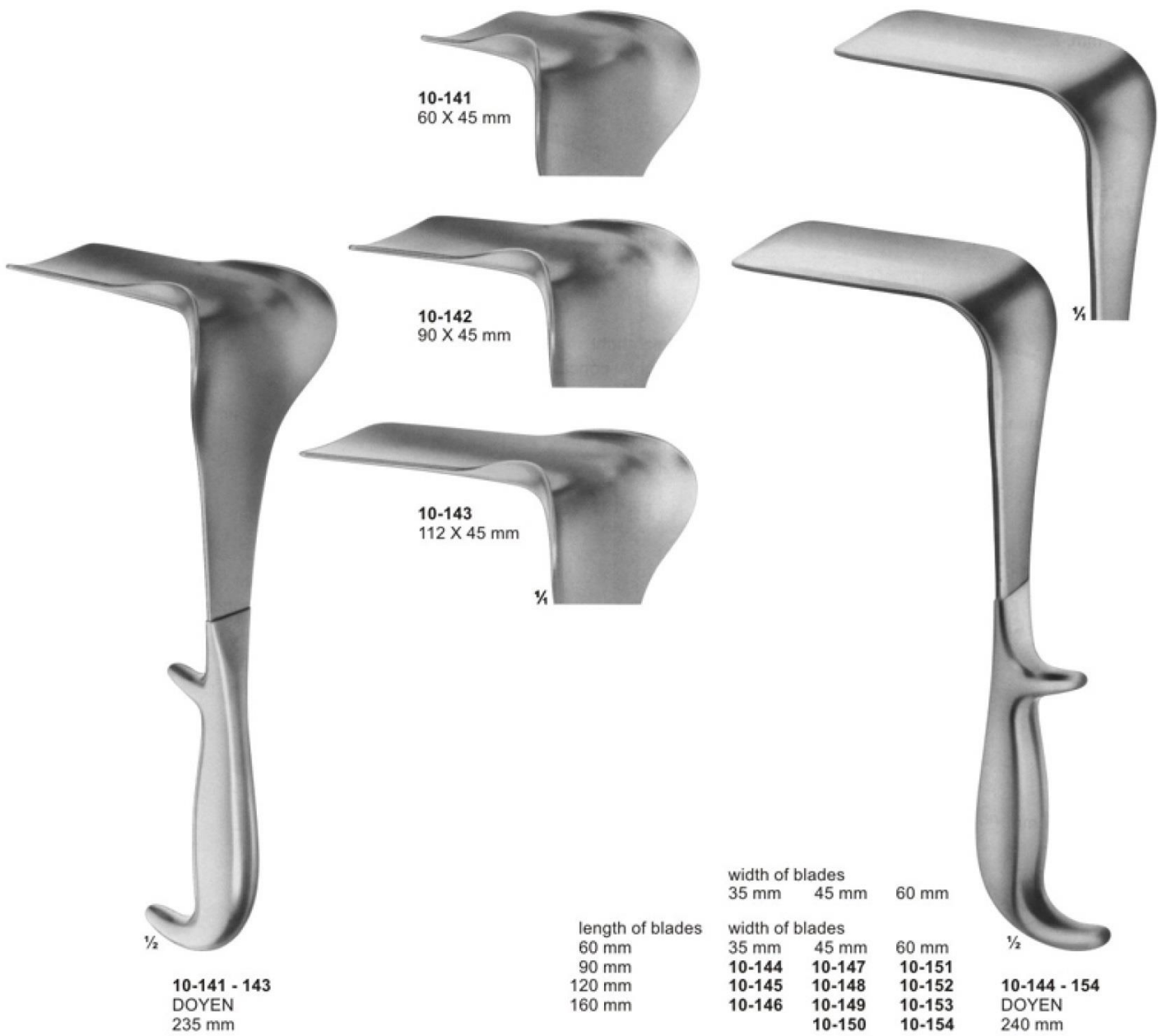


10-128 - 132
KRISTELLER
 10-128 110X18 mm
 10-129 110X20 mm
 10-130 110X27 mm
 10-131 110X30 mm
 10-132 110X36 mm
 220 mm

10-133 - 136
KRISTELLER
 Upper blades

10-137 - 140
KRISTELLER
 Lower blades

Vaginal Specula



10-141 - 143
 DOYEN
 235 mm

10-141
 60 X 45 mm

10-142
 90 X 45 mm

10-143
 112 X 45 mm

width of blades
 35 mm 45 mm 60 mm

length of blades
 60 mm
 90 mm
 120 mm
 160 mm

width of blades
 35 mm 45 mm 60 mm
10-144 **10-147** **10-151**
10-145 **10-148** **10-152**
10-146 **10-149** **10-153**
 10-150 **10-154**

10-144 - 154
 DOYEN
 240 mm

Vaginal Retractors



10-155
JOLL (FRIEDMAN)
 155 mm



10-156
RICHTER
 170 mm



10-157
GELPI
 135 mm



10-158
GELPI
 175 mm

Uterine Dilators



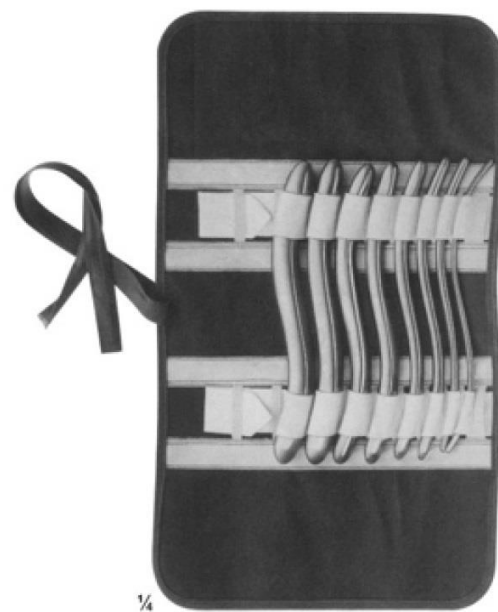
11-101 - 143
 HEGAR
 with very conical point
 185 mm

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



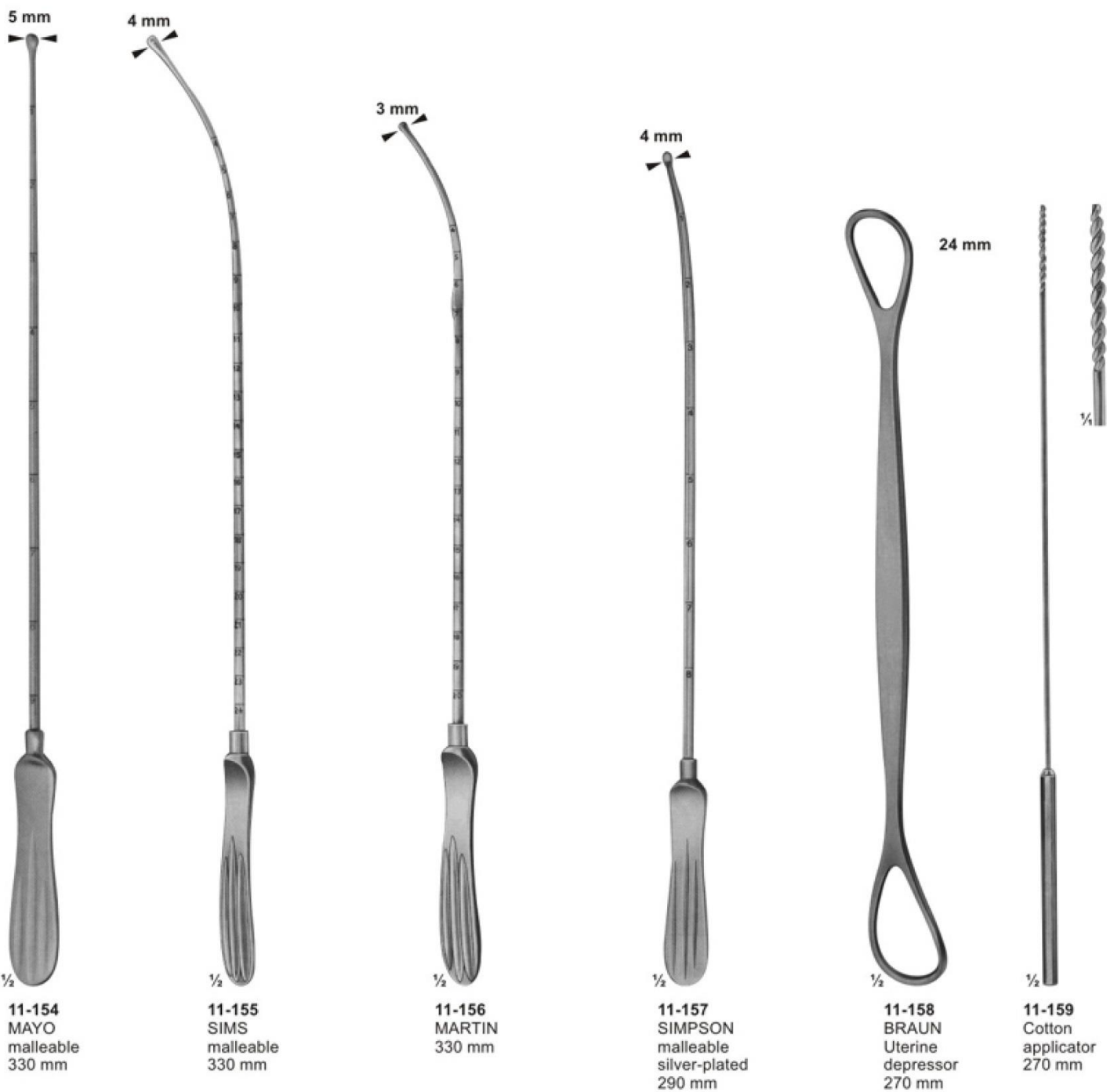
11-144 - 152
 HEGAR
 205 mm

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



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

Uterine Probes



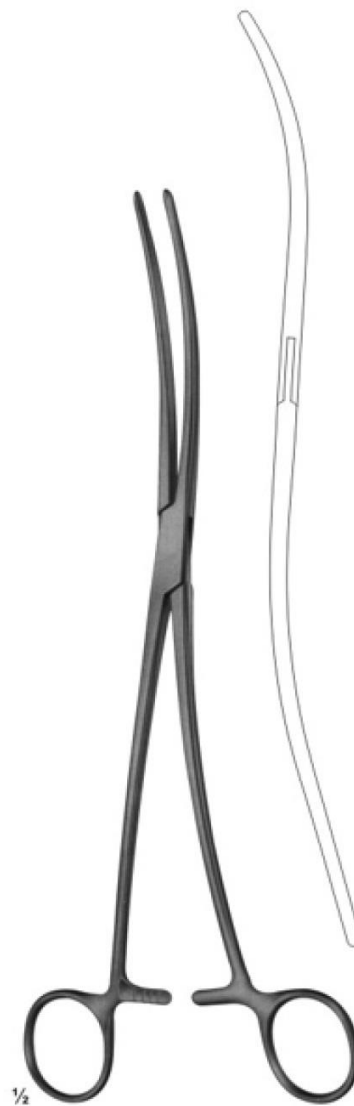
Uterine Dressing Forceps



11-160
PELKMANN
260 mm



11-161
PELKMANN
260 mm



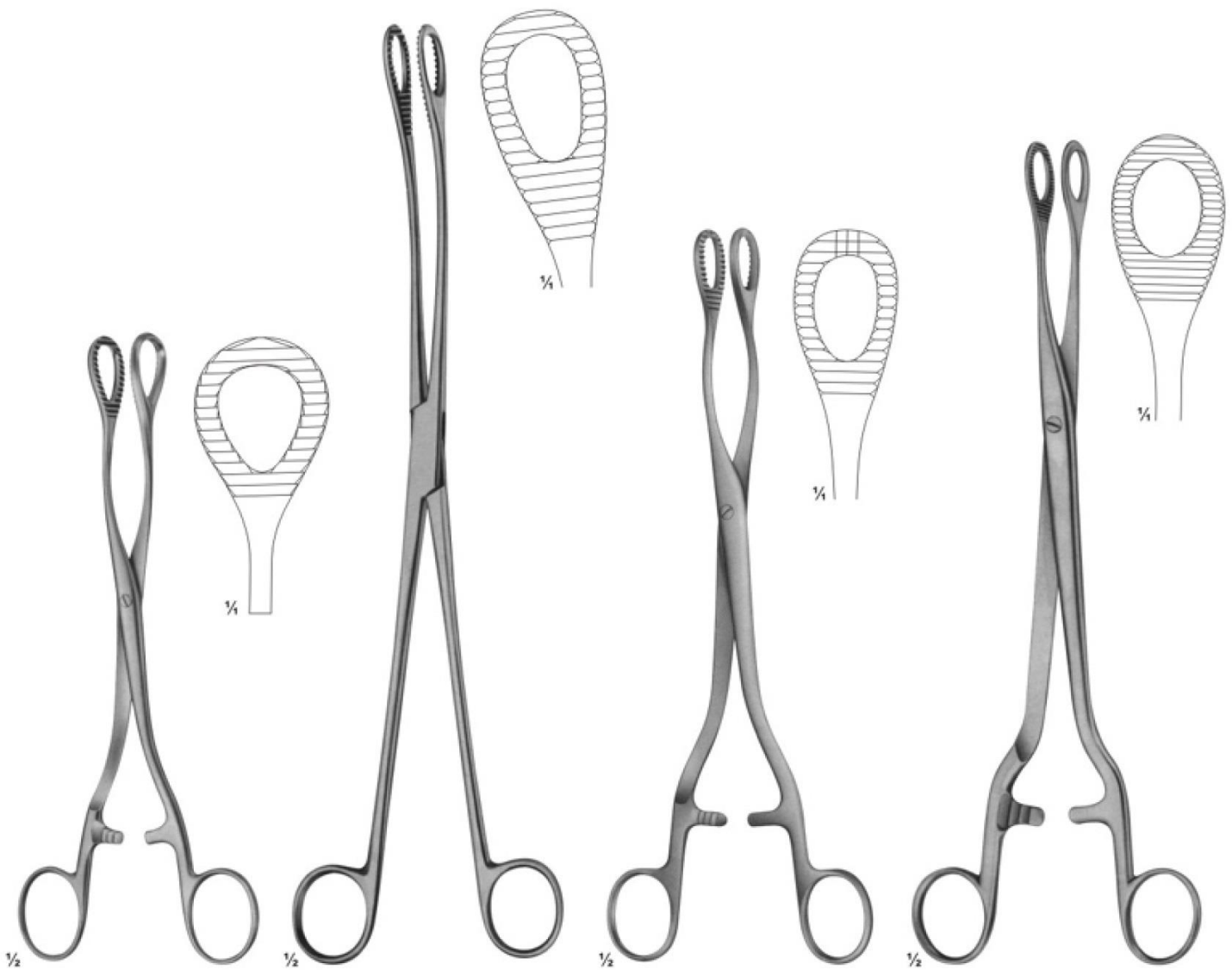
11-162
BOZEMANN
250 mm



11-163
BOZEMANN
255 mm

Jaws with longitudinal groove

Polypus-and Ovum Forceps



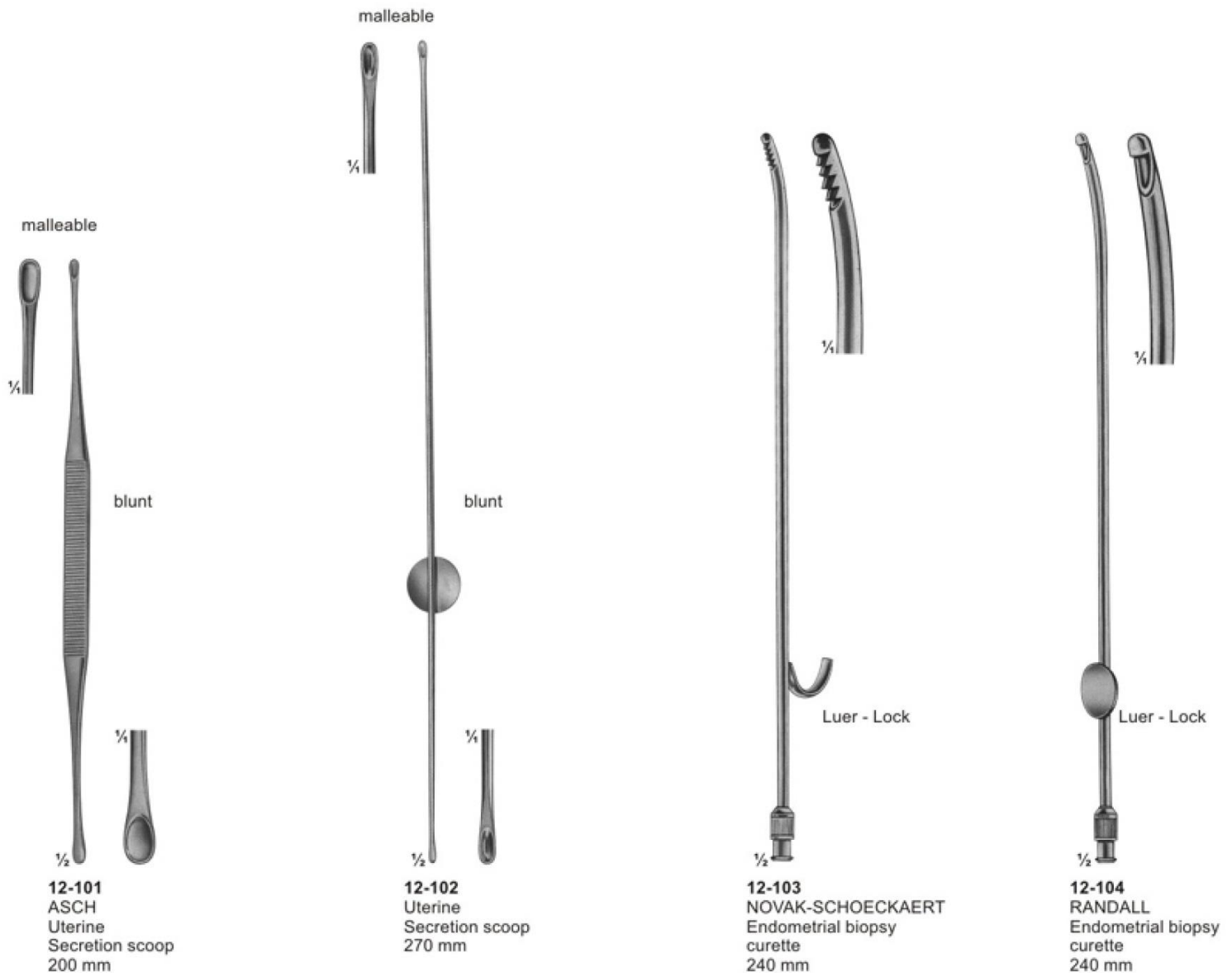
11-164
HEYWOOD-SMITH
200 mm

11-165
KELLY
320 mm

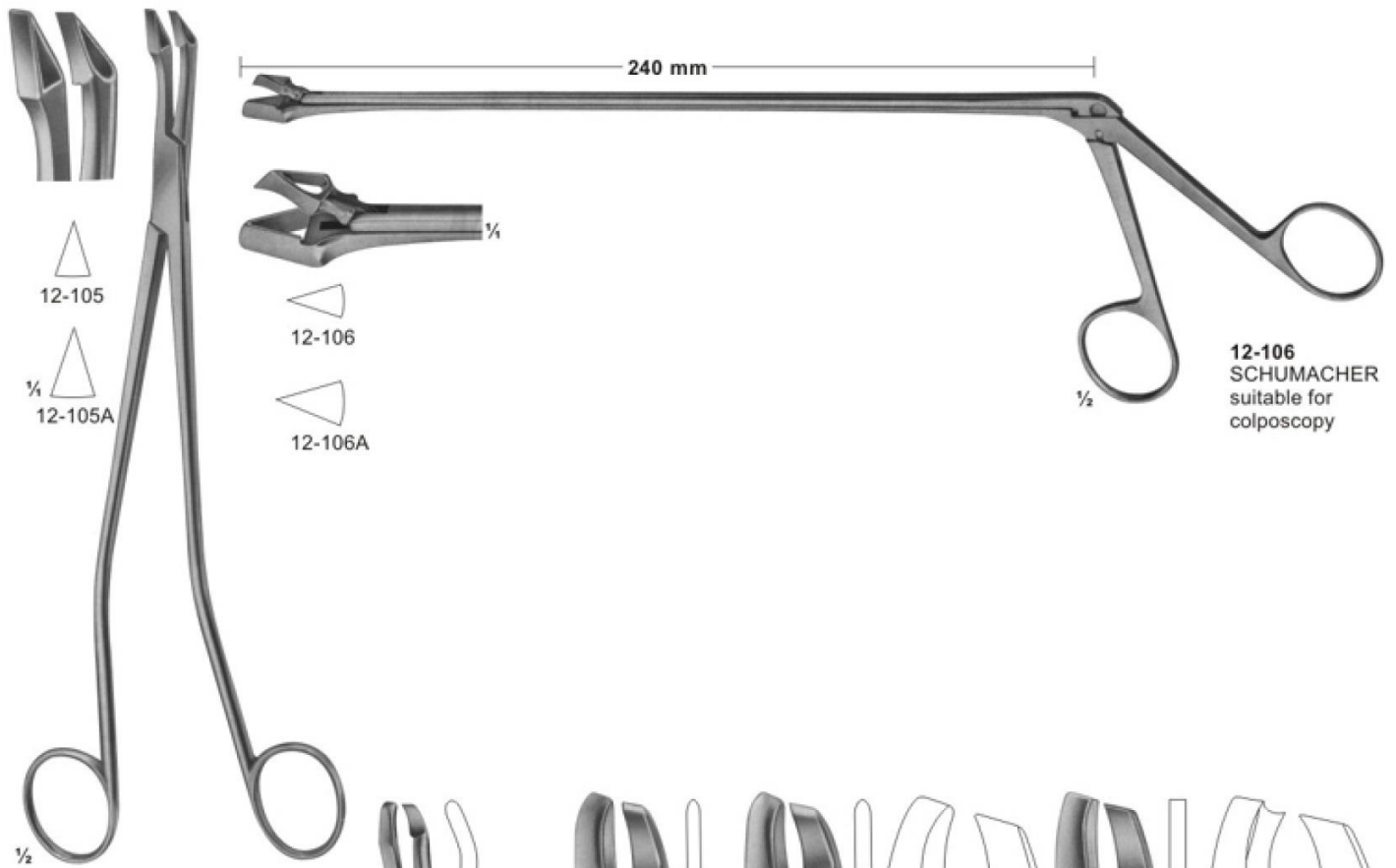
11-166
HEYWOOD-SMITH
250 mm

11-167
NOTO
280 mm

Biopsy Curettes



Biopsy Forceps



12-105

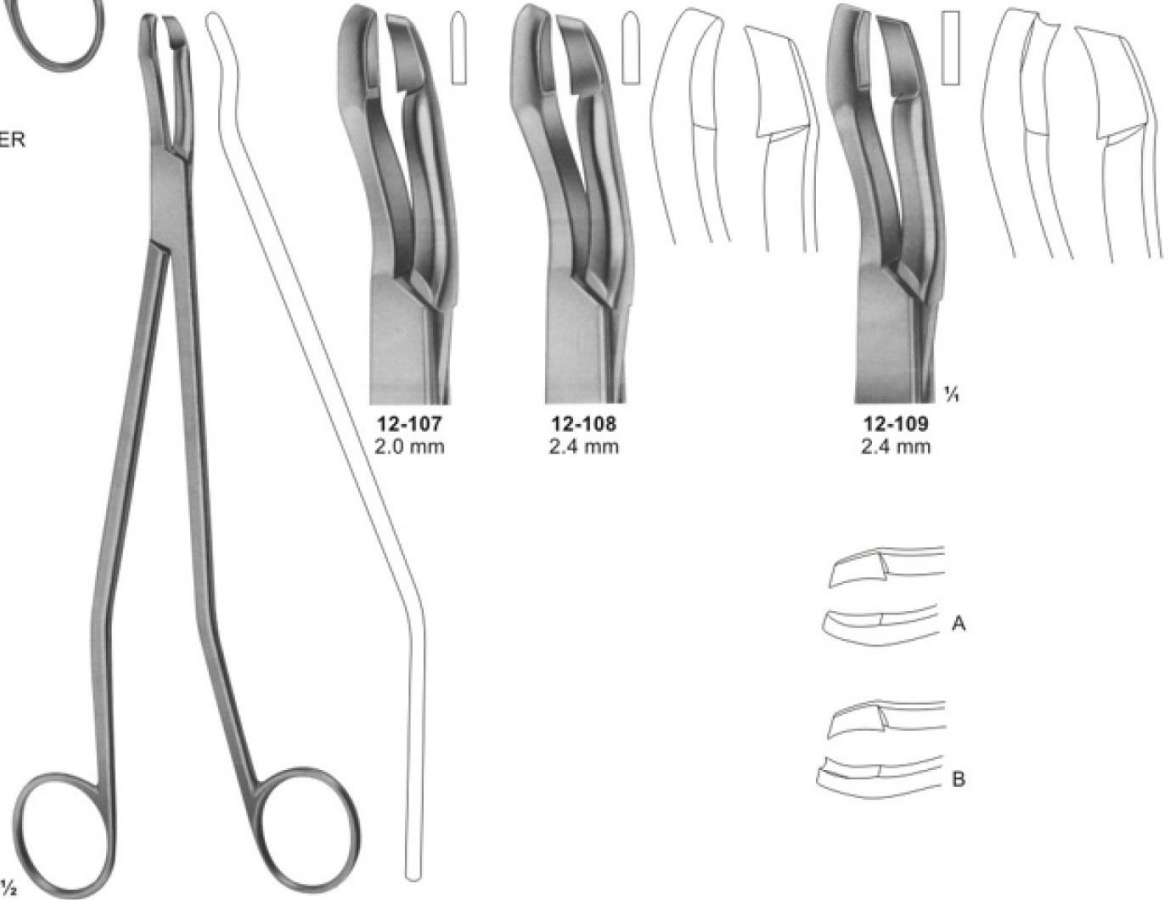
12-105A

12-106

12-106A

12-106
 SCHUMACHER
 suitable for
 colposcopy

12-105
 SCHUMACHER
 240mm



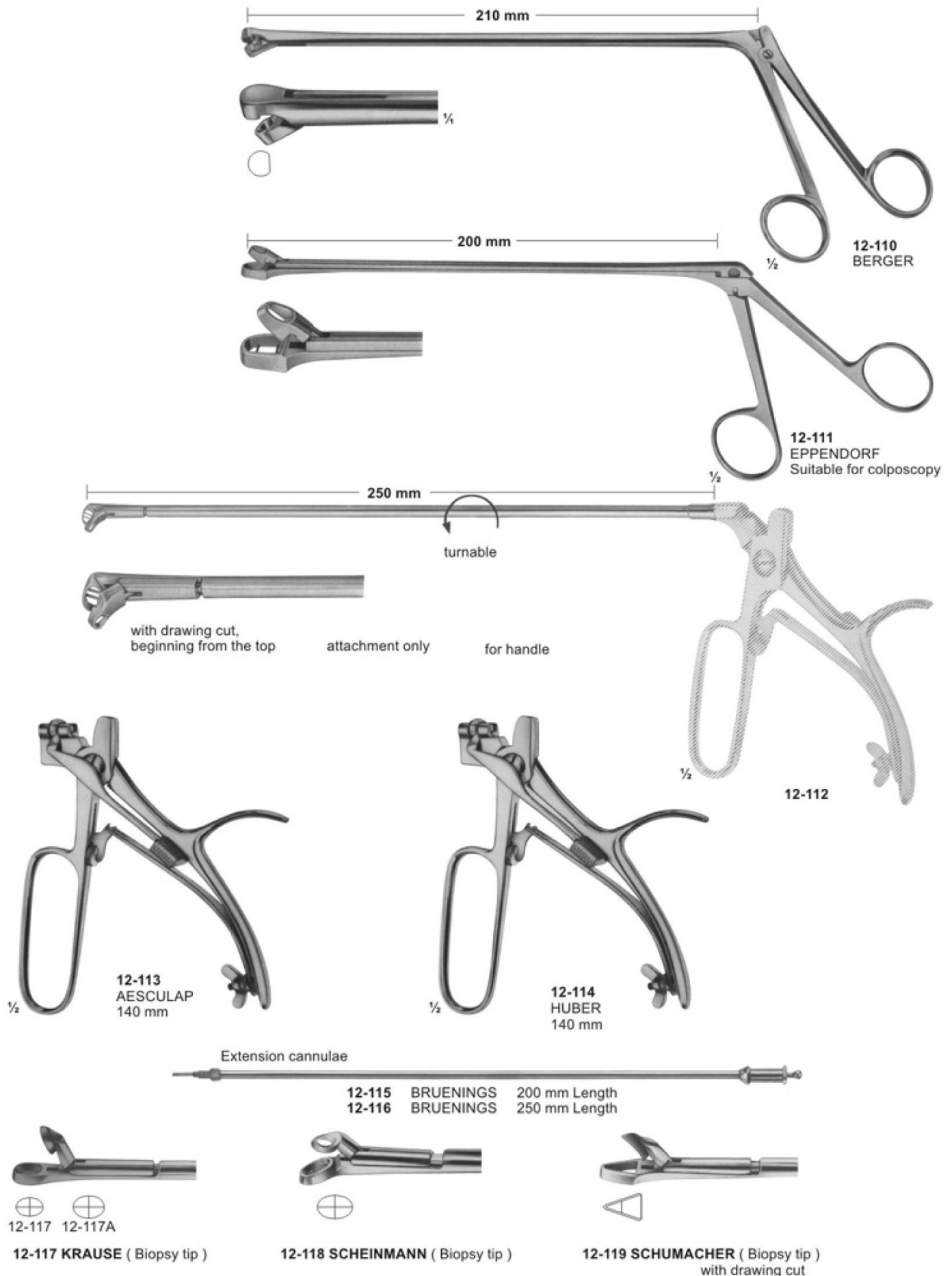
12-107
 2.0 mm

12-108
 2.4 mm

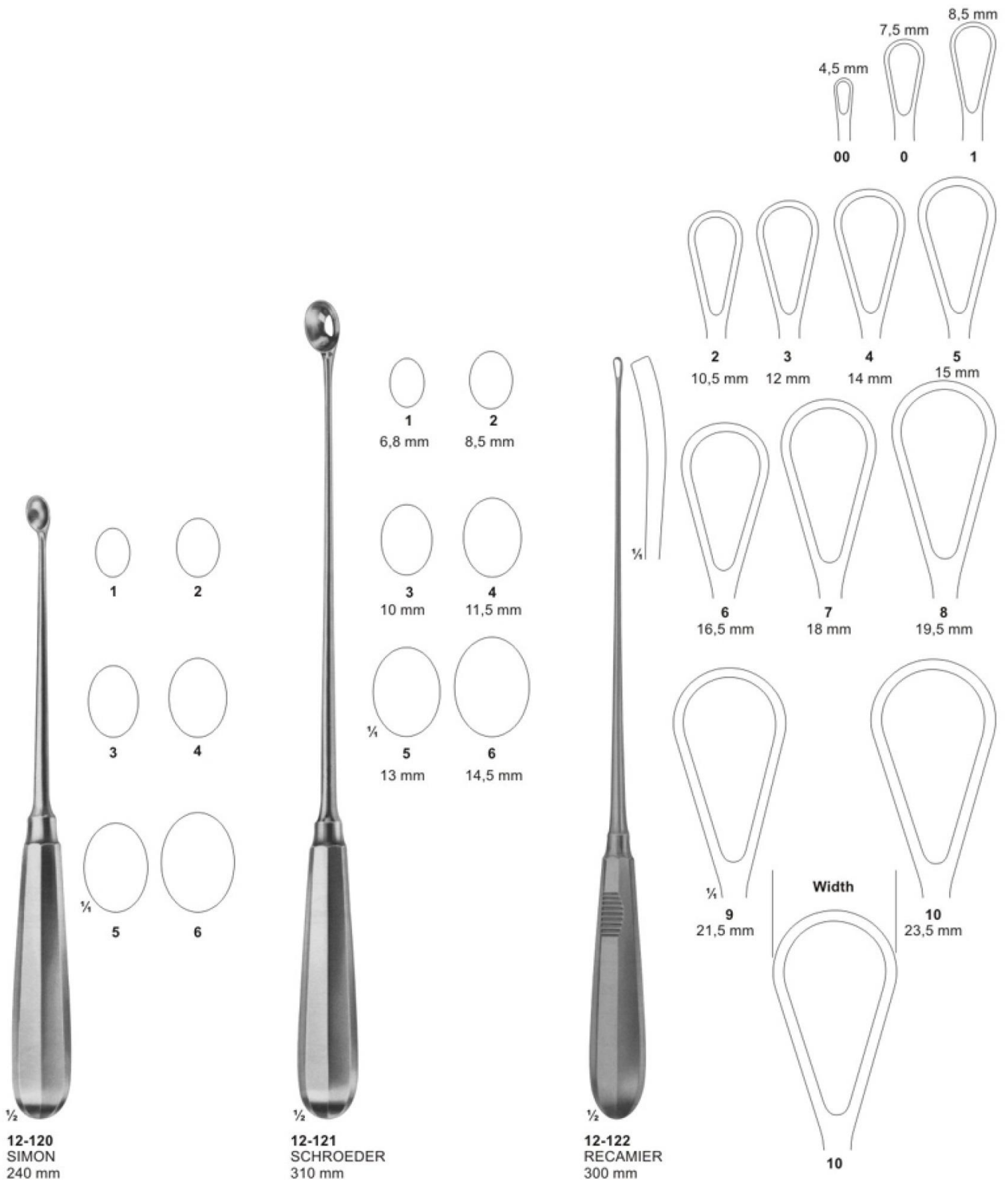
12-109
 2.4 mm

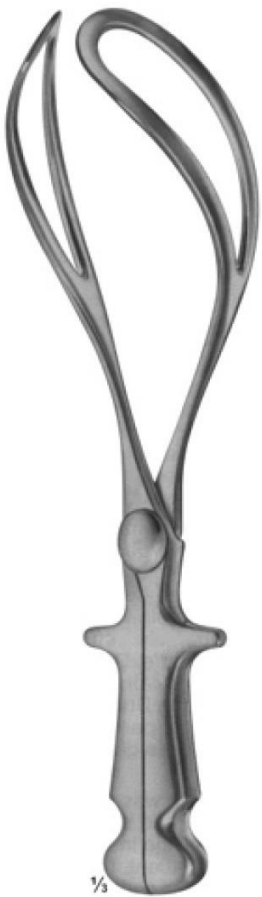
12-107 - 109
 SEIDL DBP
 Biopsy forceps, bayonet shaped
 for portio, vagina and vulva
 240mm

Biopsy Forceps

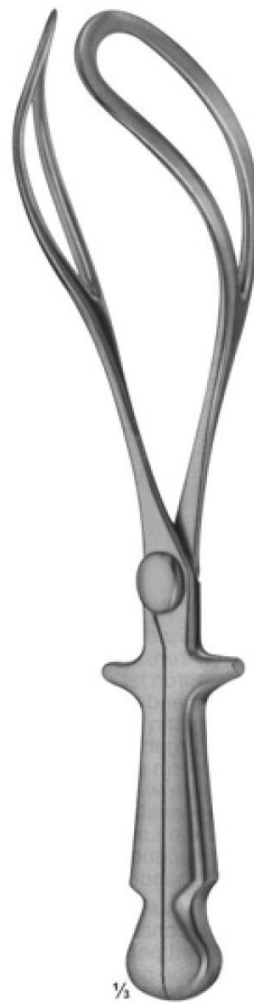


Uterine Scoops





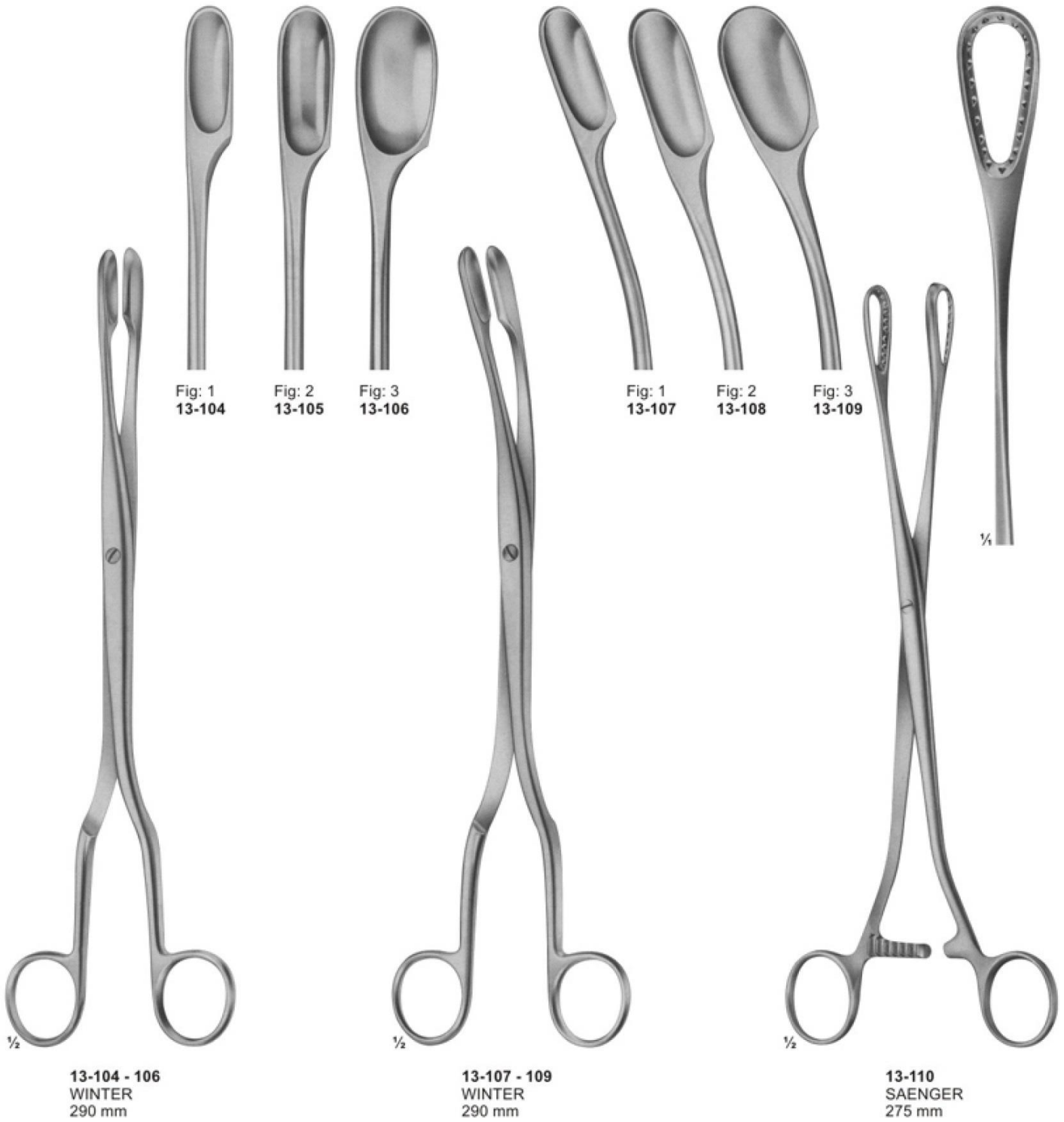
13-101
NAEGELE
355 mm



13-102
NAEGELE
400 mm



13-103
SIMPSON-BRAUN
305mm



Tound-and Tracheal Hooks and Dilators



13-111
BOSE
 165 mm



13-112
BOSE
 165 mm



13-113 - 115
 180 mm



13-113
 sharp



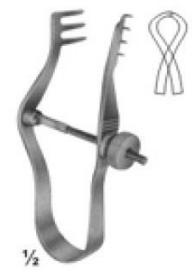
13-114
 blunt



13-115
 stump/blunt



13-116
FINSEN
 50 mm



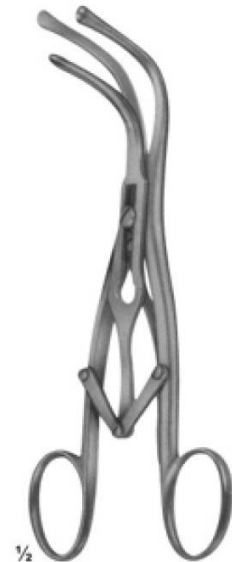
13-117
FINSEN
 70 mm



13-118
TROUSSEAU
 120 mm



13-119
LABORDE
 125 mm

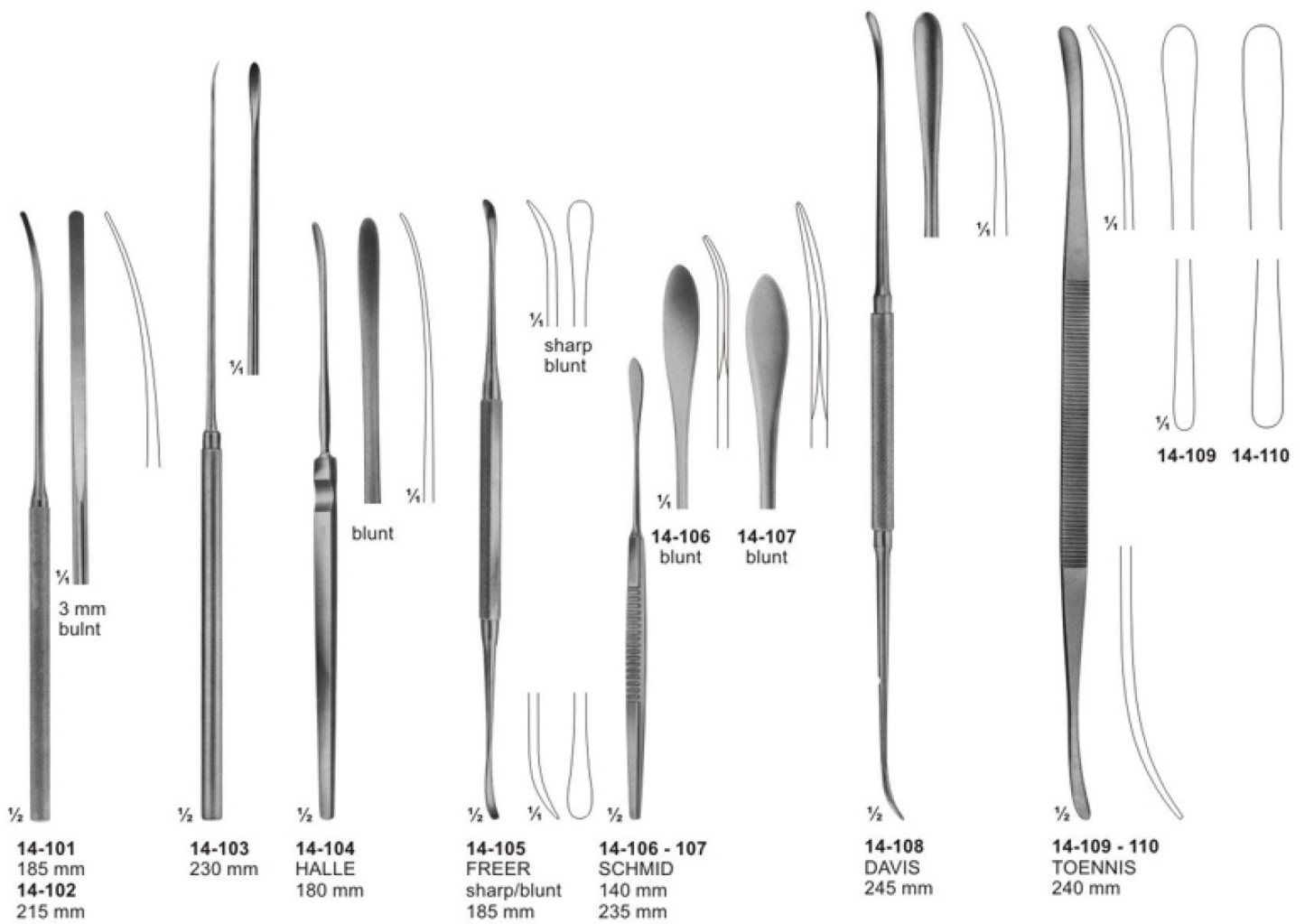


13-120
LABORDE
 strong pattern
 135 mm

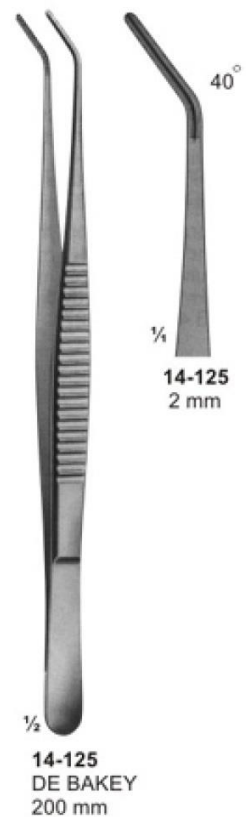
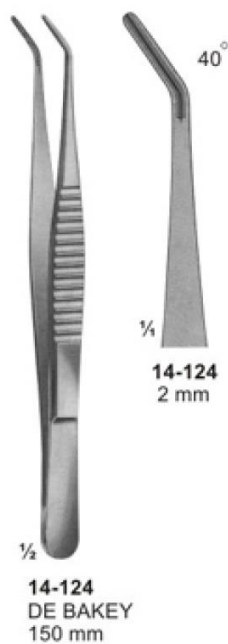
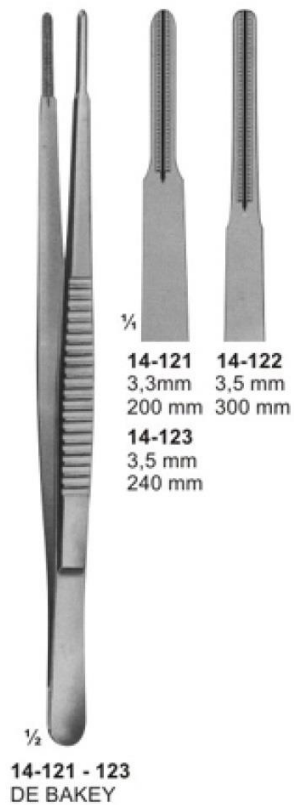
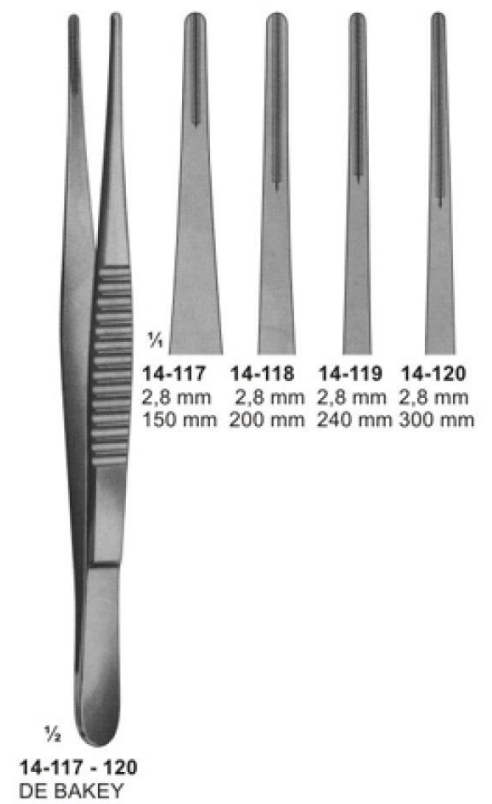
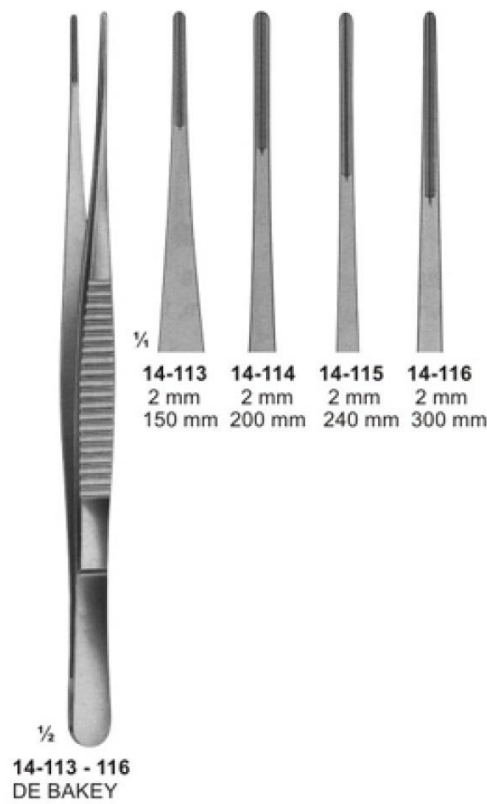
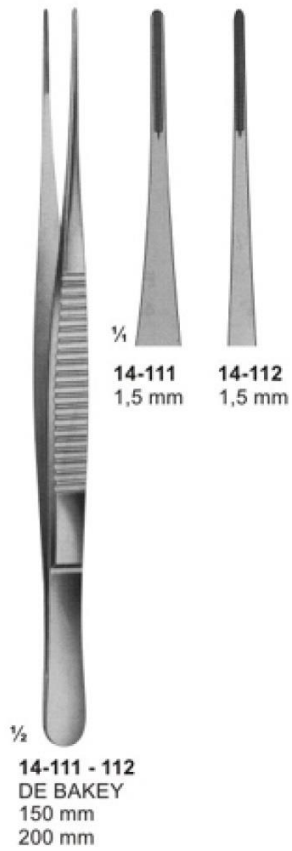


13-121
 Cleaning Brush
 for tracheal tubes
 285 mm

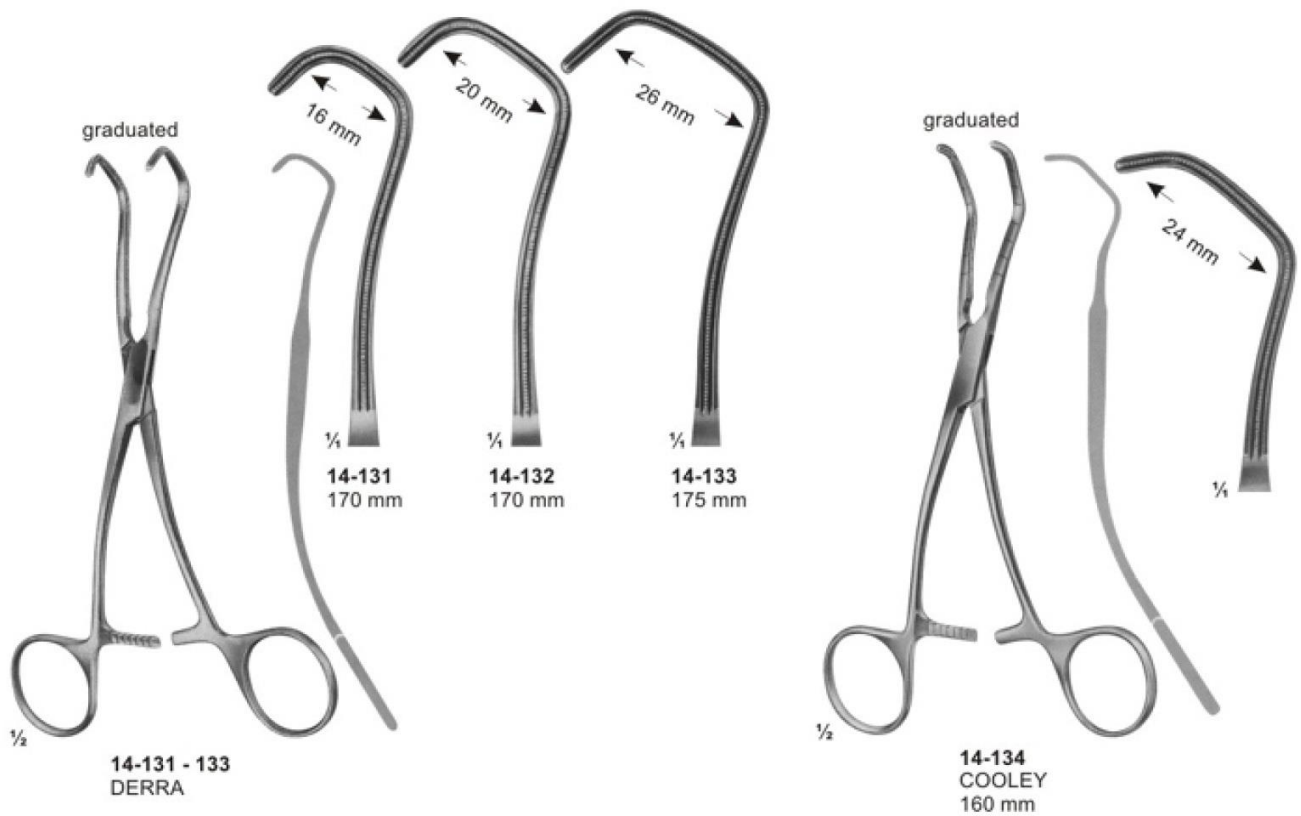
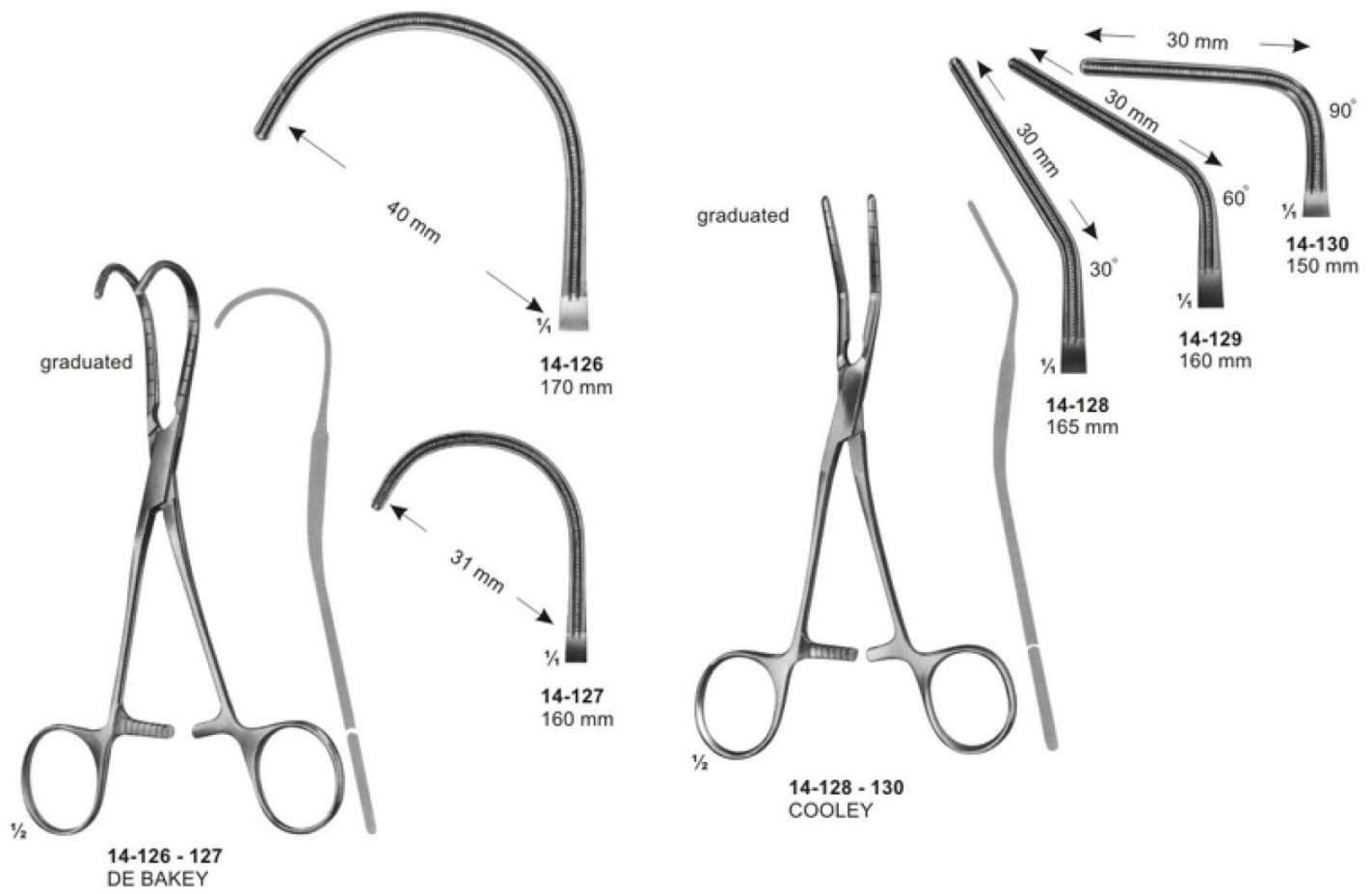
Vascular Spatulas

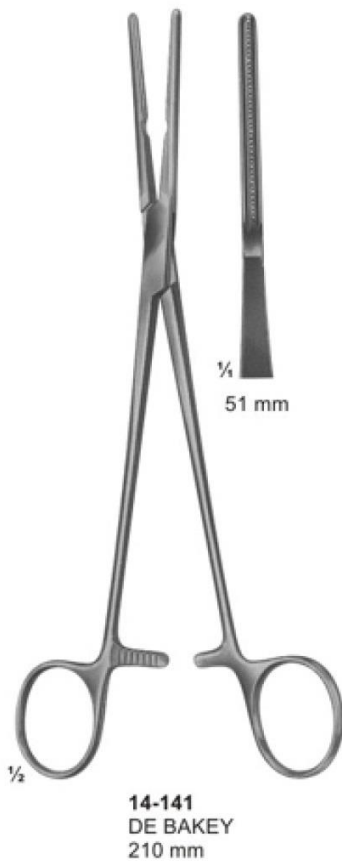
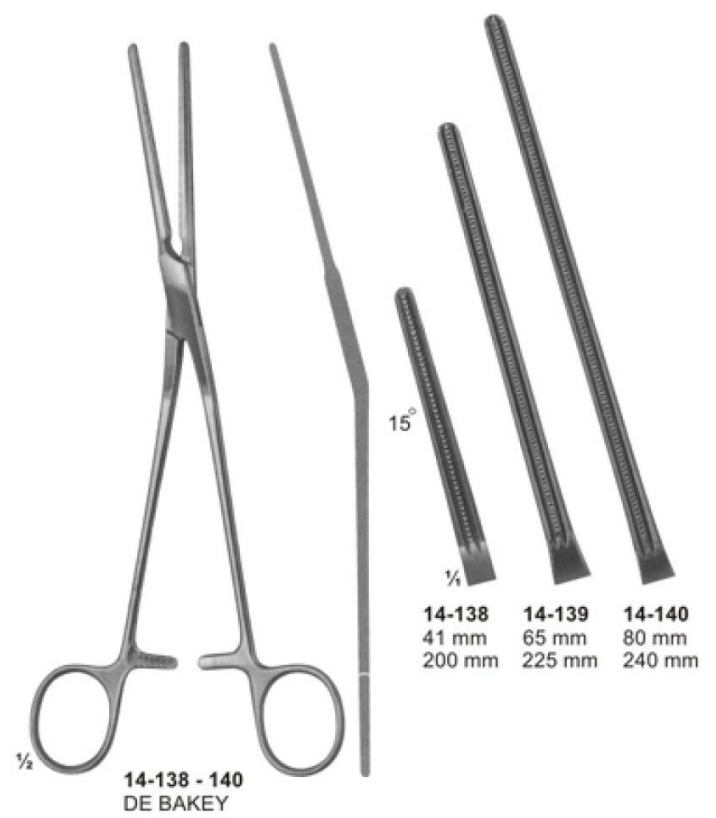


ATRAUMATA Forceps

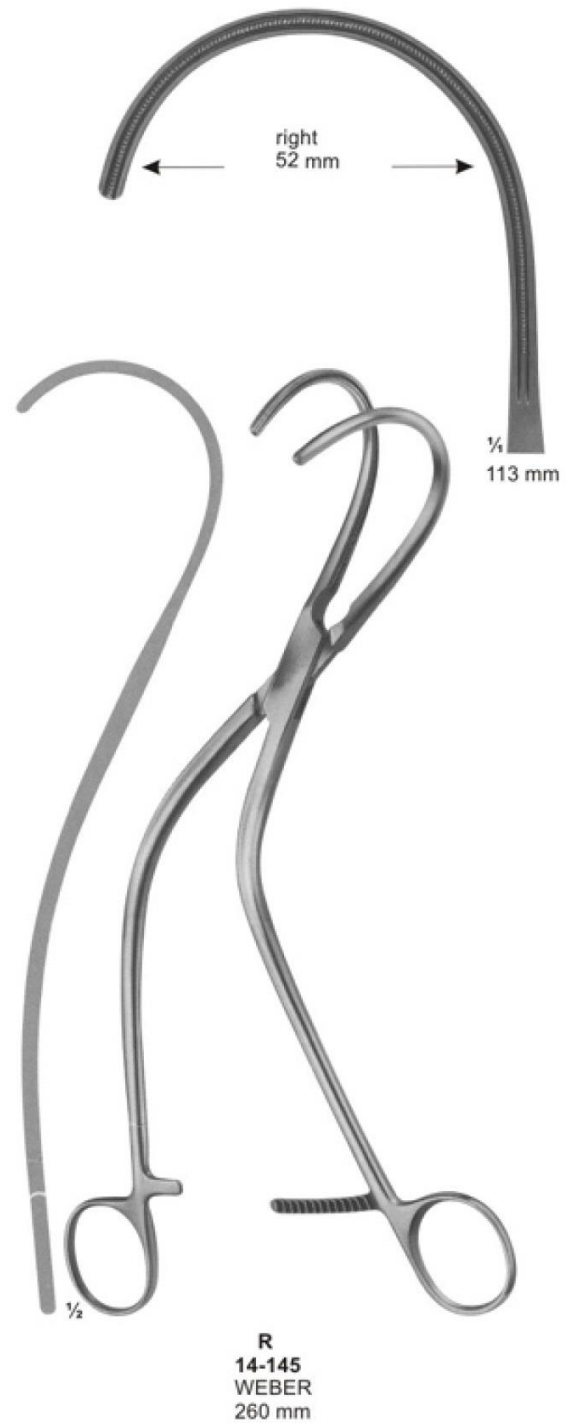
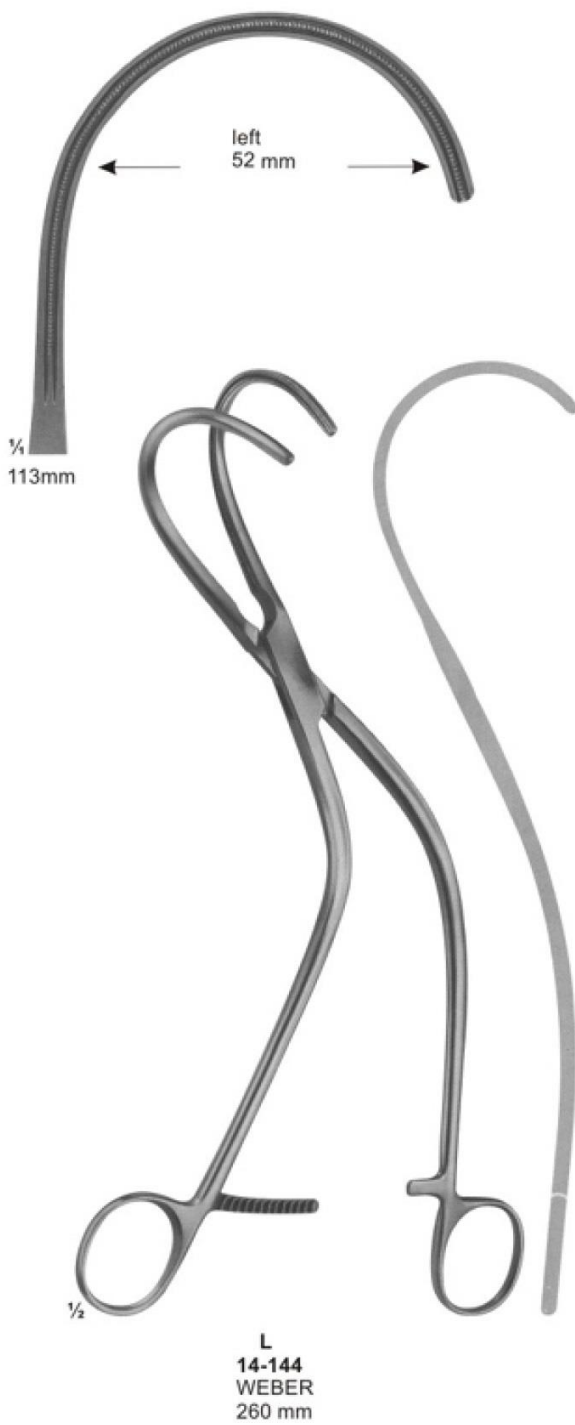


ATRAUMATA
Anastomosis- and Multi- Purpose- Clamps- Pediatric types





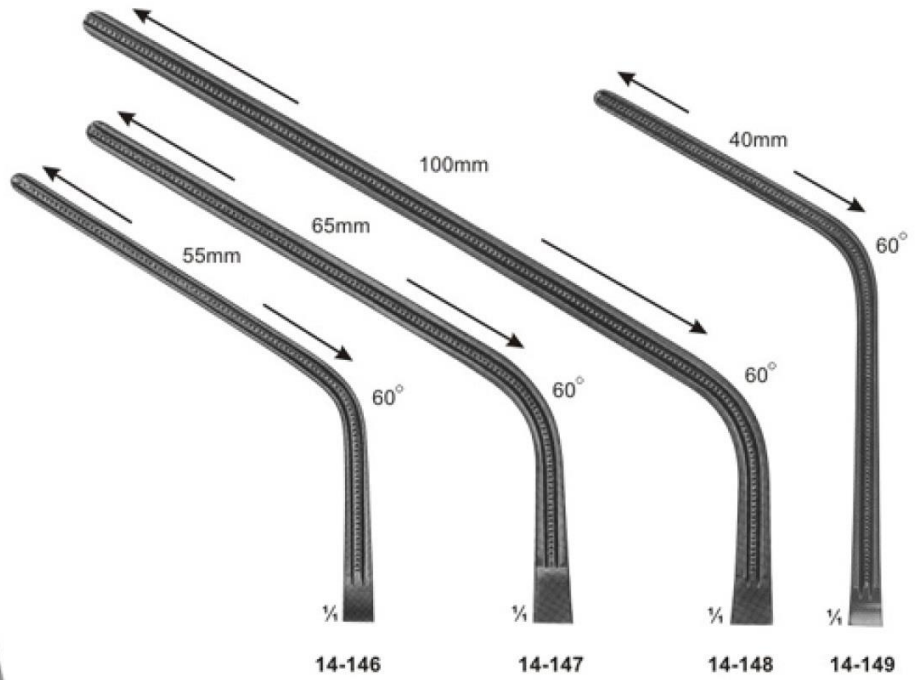
Aorta- Anastomosis Clamps



Multi- Purpose-Clamps



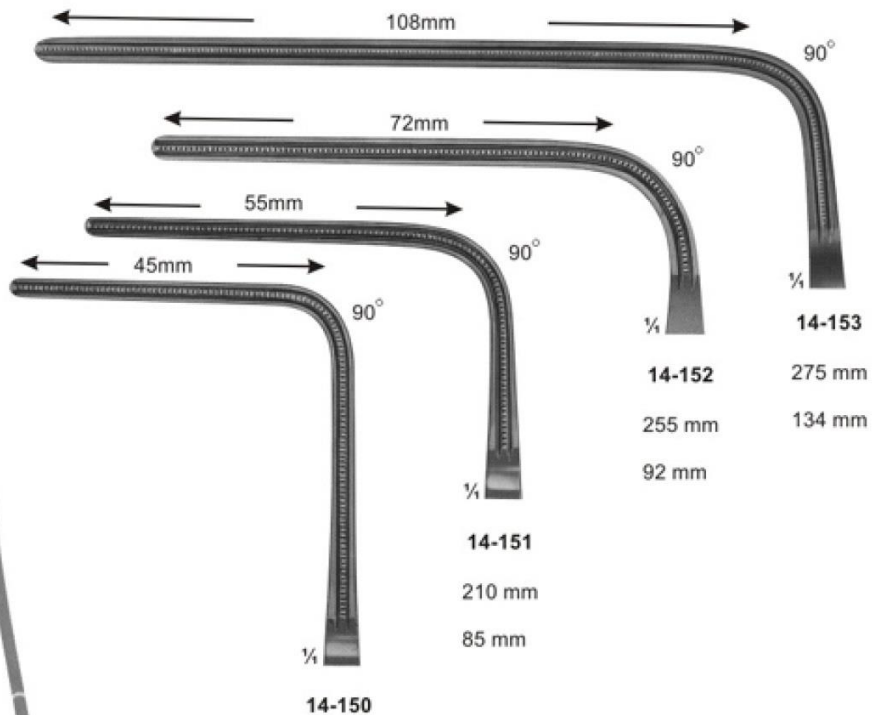
1/2 **14-146 - 149**
 DE BAKEY



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



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



Total Length:	225 mm
Length of jaws:	93 mm

Sternum Instruments and Rib Shears



14-154
SCHUMACHER
 Sternum shears
 210 mm



14-155
LEBSCHE
 Sternum chisel
 200 mm



14-156
 230 mm



14-157
COLLIN
 195 mm



14-158
GLUCK
 190 mm



14-159
BETHUNE
 340 mm

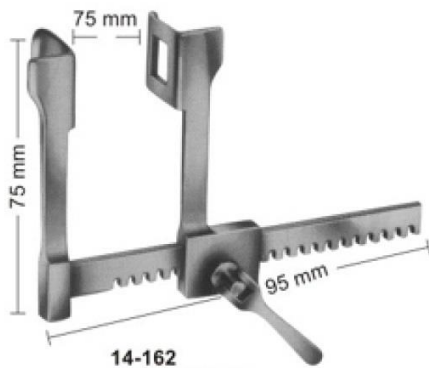


14-160
BRUNNER
 Universal pattern
 340 mm

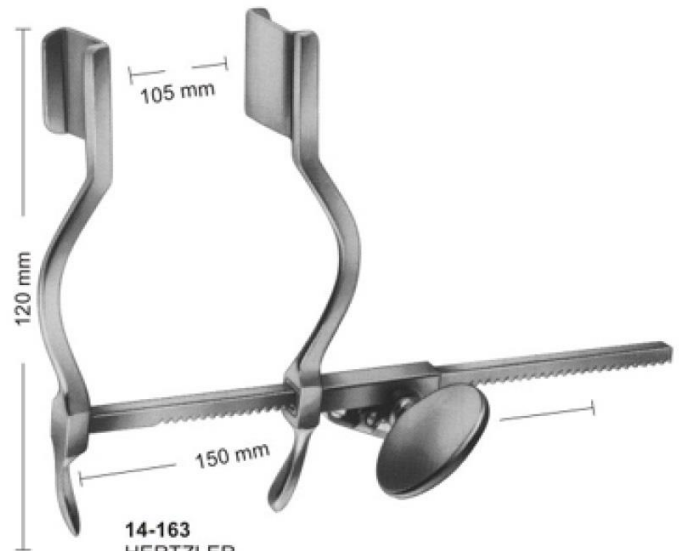


14-161
GIERTZ-STILLE
 250 mm

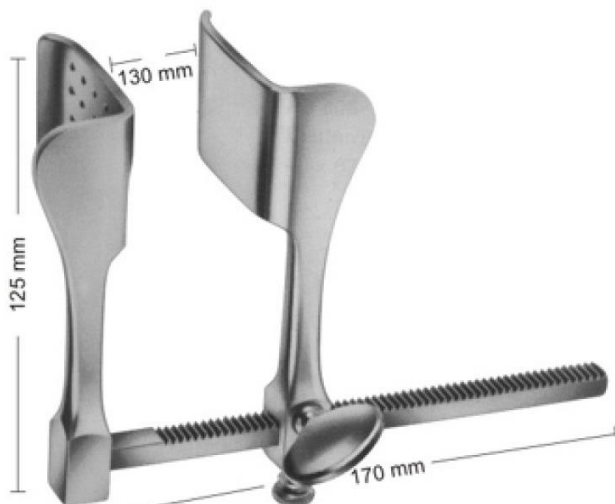
Rib Spreaders



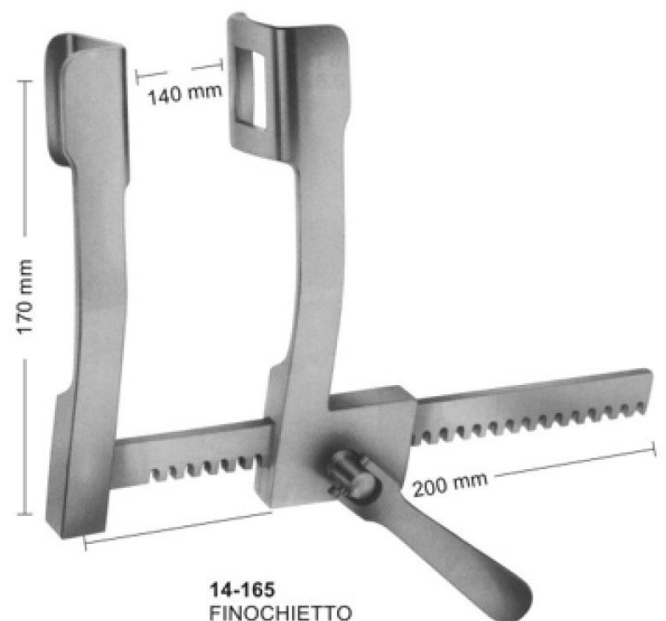
14-162
FINOCHIETTO
 Blades
 18X21 mm



14-163
HERTZLER
 Blades
 20X25 mm



14-164
TUFFIER
 Blades
 43X53 mm



14-165
FINOCHIETTO
 Blades
 36X45 mm



$\frac{1}{2}$
14-166
SELLORS
Rib spreader-and contractor
with swivel blades
200 mm



$\frac{1}{2}$
14-167
BAILEY
150 mm




14-168
for children

14-169
for adults


$\frac{1}{2}$
14-168 - 169
BAILEY
200 mm

Punches


130° upwards cutting

15-101
 1 mm 
 KERRISON - JACOBY

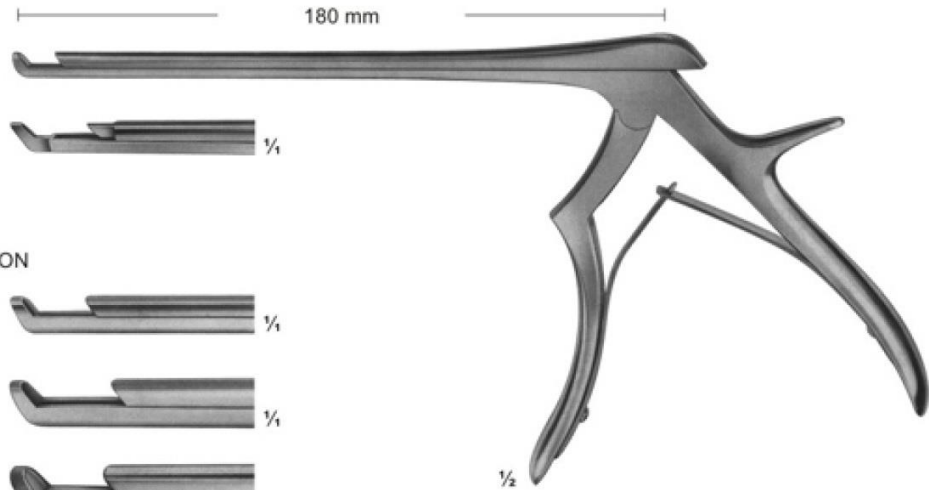
FERRIS-SMITH-KERRISON

15-102
 2 mm 

15-103
 3 mm 

15-104
 4 mm 

15-105
 5 mm 



15-101 - 105

90° upwards cutting


KERRISON - JACOBY


15-106
 1 mm 

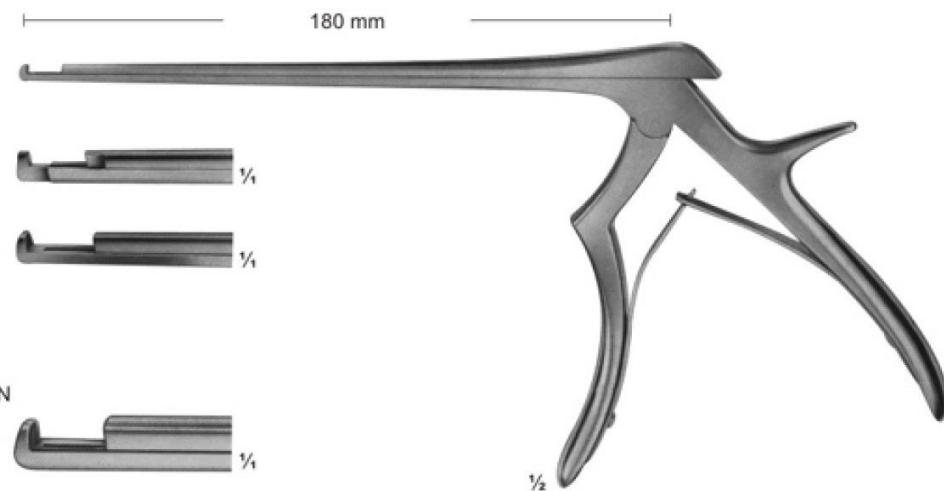
15-107
 2 mm 

FERRIS-SMITH-KERRISON

15-108
 3 mm 

15-109
 4 mm 

15-110
 5 mm 



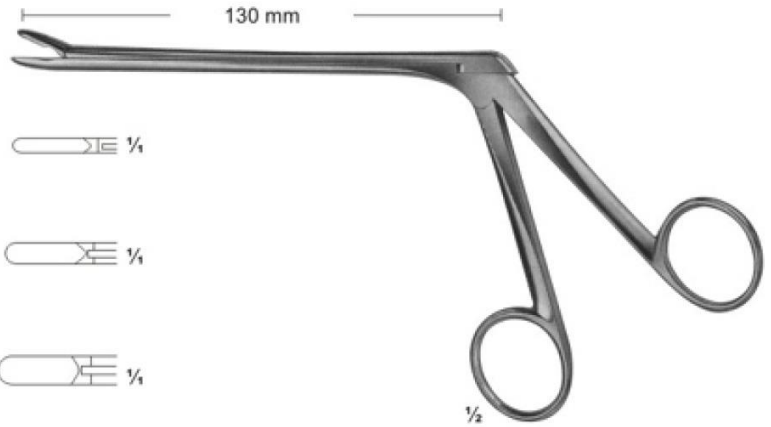
15-106 - 110

130 mm

LOVE-GRUENWALD
15-111
 2 X 10 mm

15-112
 3 X 10 mm

SPURLING
15-113
 4 X 10 mm



1/2

15-111 - 113

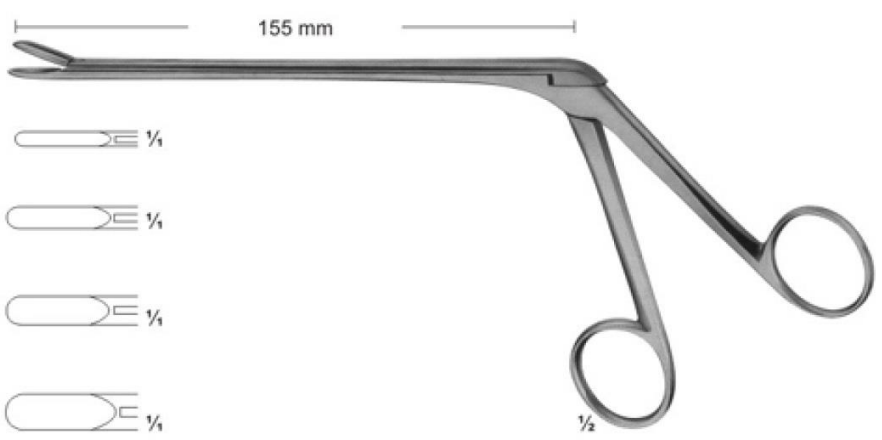
155 mm

15-114
 2 mm

15-115
 3 mm

15-116
 4 mm

15-117
 5 mm



1/2

15-114 - 117
 CASPAR

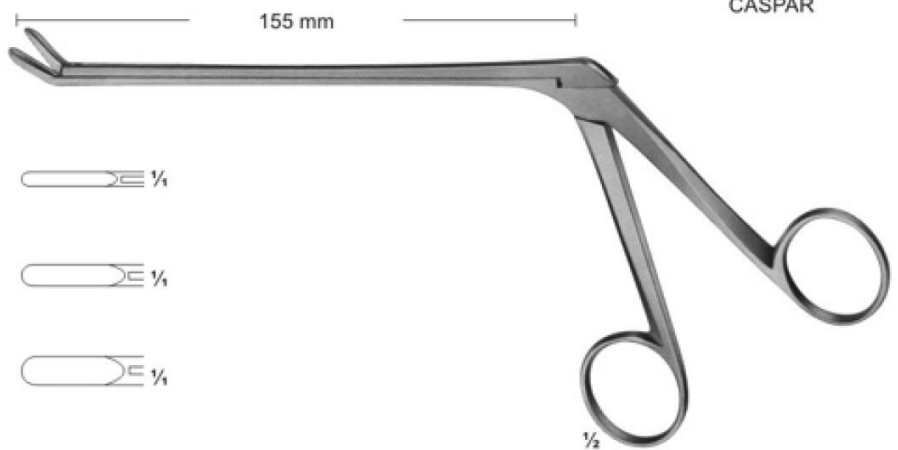
150°

155 mm

15-118
 2 mm

15-119
 3 mm

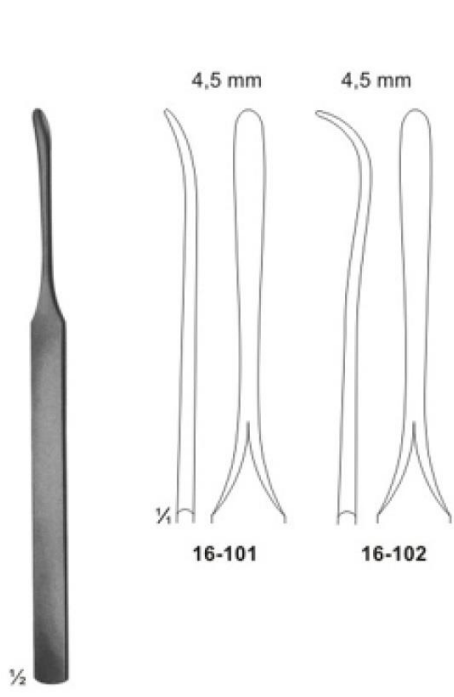
15-120
 4 mm



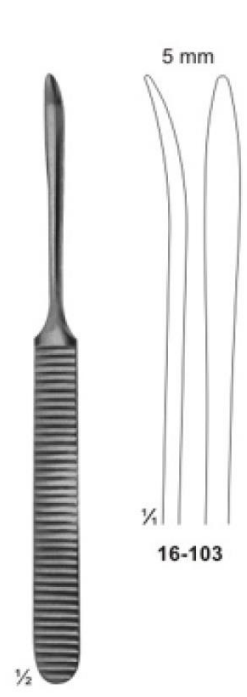
1/2

15-118 - 120
 CASPAR

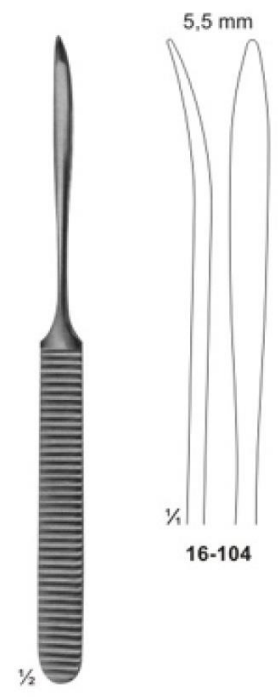
Elevators and Bone Levers



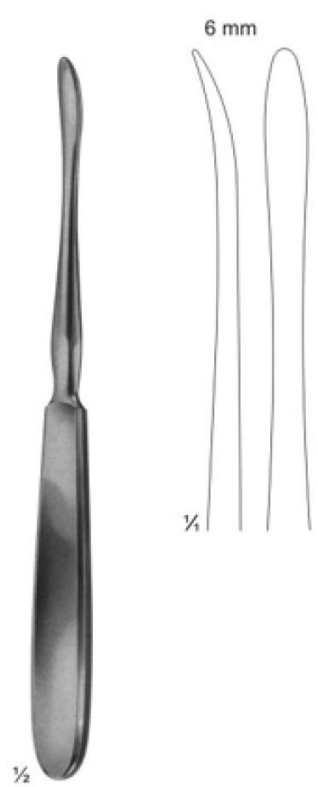
16-101 - 102
KONIG
 155 mm



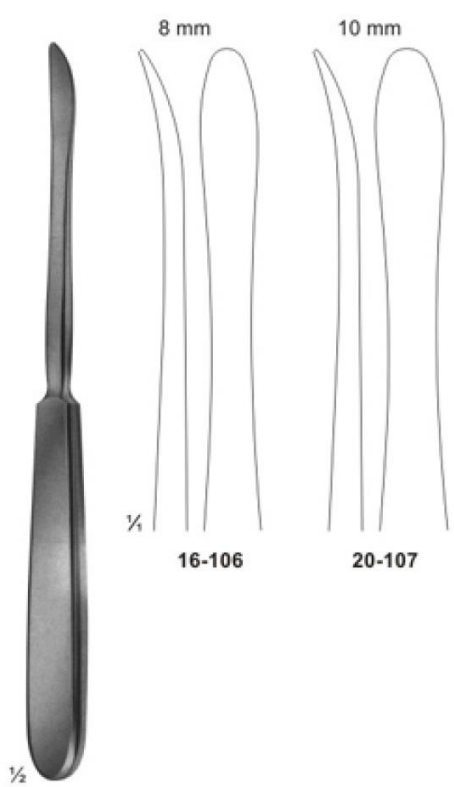
16-103
WILLIGER
 165 mm



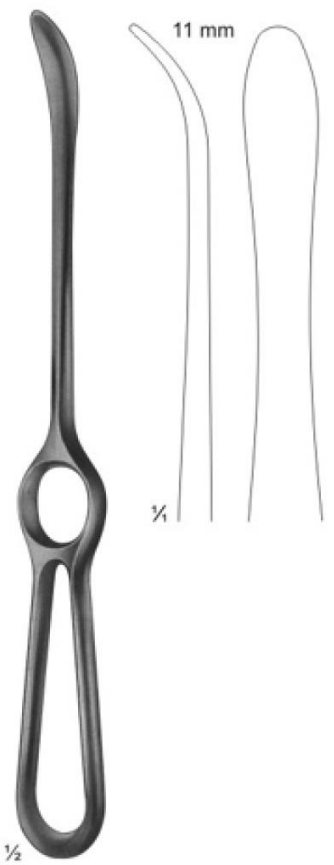
16-104
WILLIGER
 170 mm



16-105
QUERVAIN
 195 mm



16-106 - 107
LANGENBACK
 195 mm

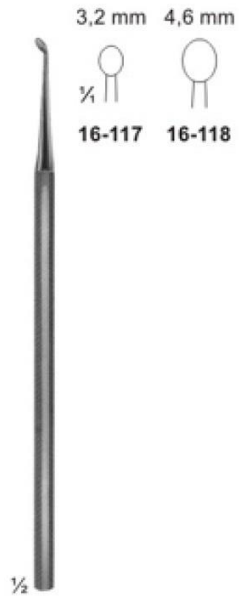


16-108
LANGENBACK
 230mm

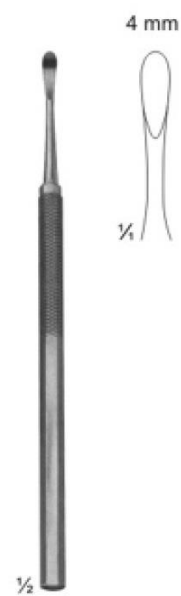
Bone Levers



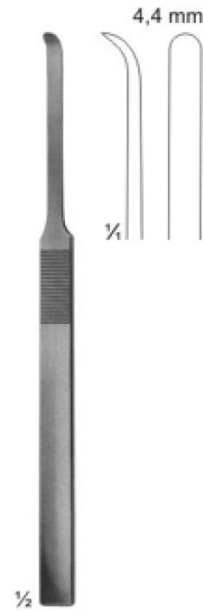
Raspatories



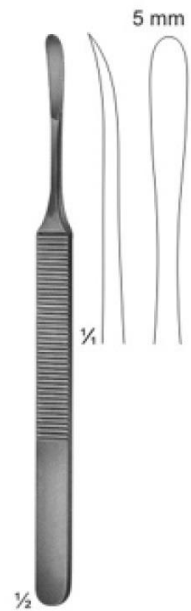
16-117 - 118
PARTSCH
 150 mm



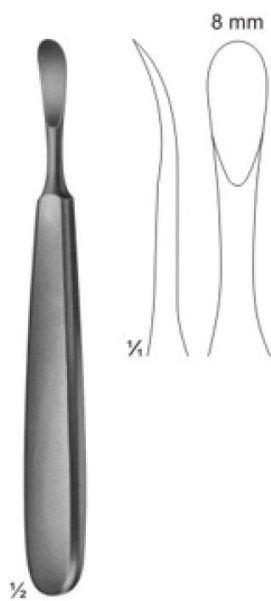
16-119
PARTSCH mod. LANGE
 145 mm



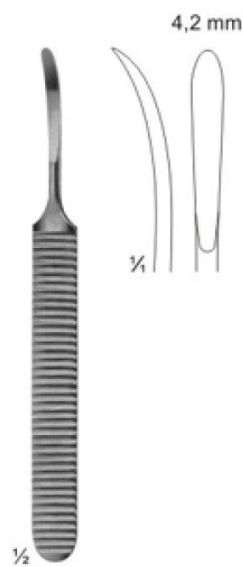
16-120
MC KENTY
 155 mm



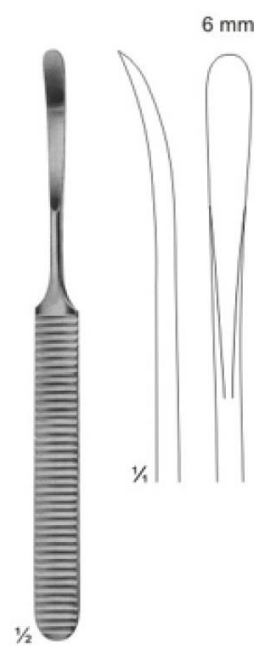
16-121
KOENIG
 155 mm



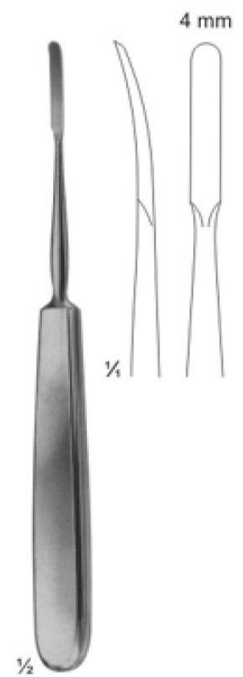
16-122
TRELAT
 150 mm



16-123
WILLIGER
 140 mm

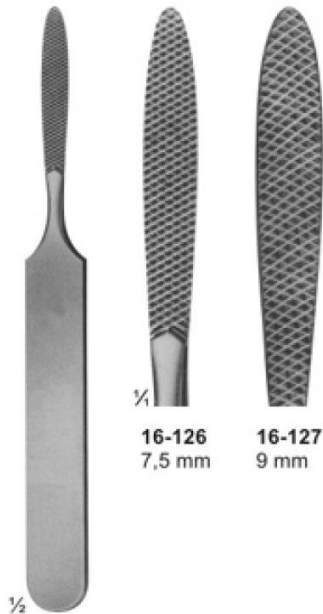


16-124
WILLIGER
 160 mm



16-125
JOSEPH
 170 mm

Bone File and Rasps



16-126
7,5 mm

16-127
9 mm

16-128
8 mm
fine teeth

16-129
8 mm
coarse teeth
175 mm

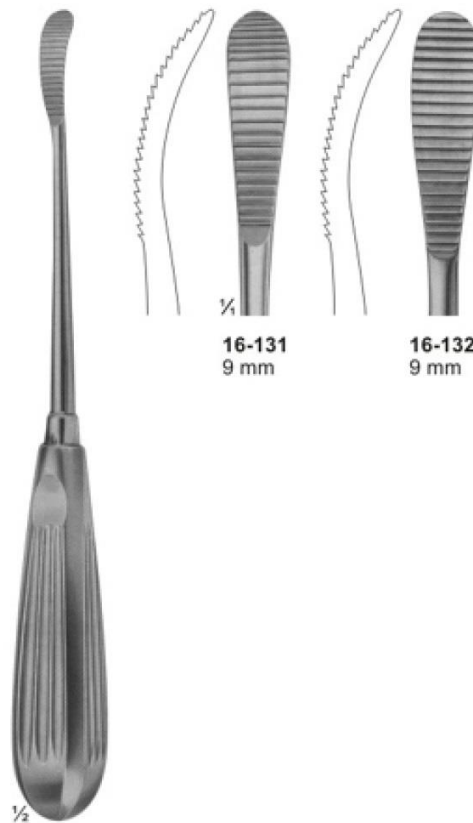
16-126
JOSEPH
fine, chequered

16-127
coarse, chequered
165 mm

16-128 - 129
LEWIS



16-130
MALTZ
down stroke
180 mm



16-131
9 mm

16-132
9 mm

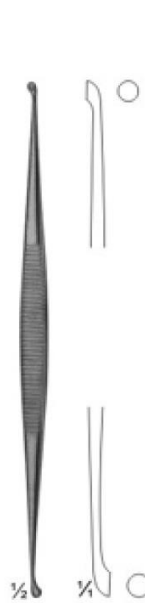
16-131 - 132
AUFRICHT
up stroke
16-132
down stroke
220 mm



16-133
GALLAHER
190 mm



16-134
JACOBSON
 140 mm



16-135
MARTINI
 140 mm



16-137
MARTINI
 140 mm



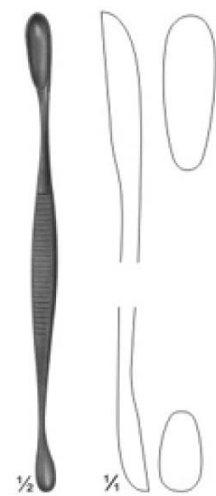
16-138
WILLIGER
 145 mm



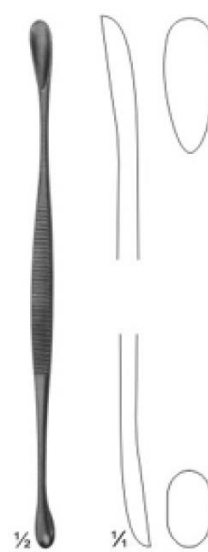
16-139
JANSEN
 160 mm



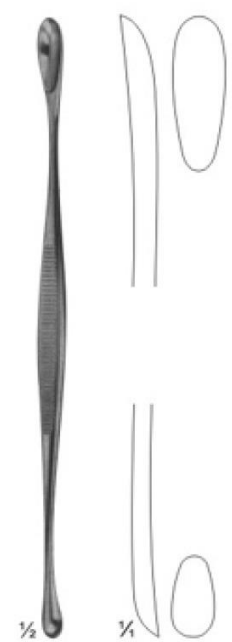
16-140
BARTH
 180 mm



16-141
VOLKMANN
 130 mm



16-142
VOLKMANN
 145 mm



16-143
VOLKMANN
 170 mm

Mallets Weights refer to the heads of the mallets
Hammer



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



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

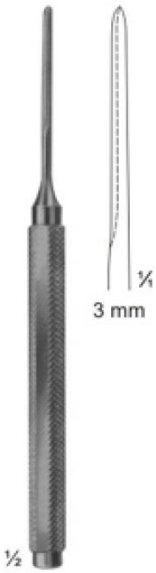


17-105
COTTLE
140 g
1 Side Flat
1 Side convex
185 mm

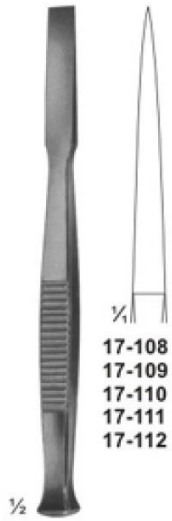


17-106
165 g
lead filled head
190 mm

Osteotomes, Chisels and Gouges

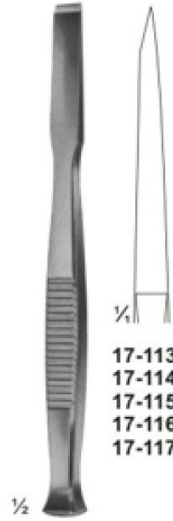


17-107
MANNERFELT
 Gouge
 155 mm



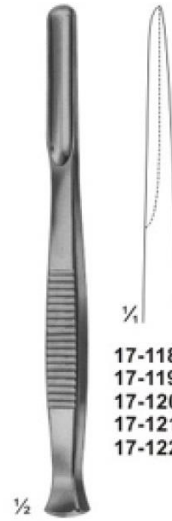
17-108 - 112
Osteotomes
 140 mm

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



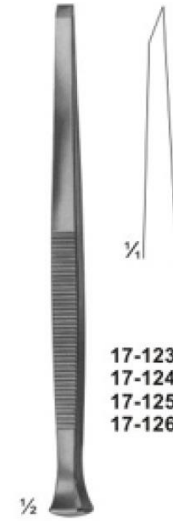
17-113 - 117
Chisels
 140 mm

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



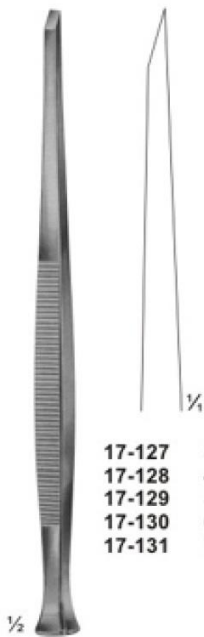
17-118 - 122
Gouges
 140 mm

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



PARTSCH
17-123 - 126
Chisels
 140 mm

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



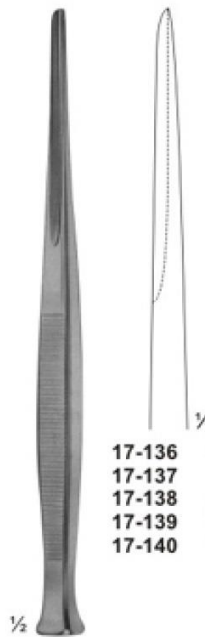
PARTSCH
17-127 - 131
Chisels
 170 mm

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



PARTSCH
17-132 - 135
Gouges
 140 mm

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



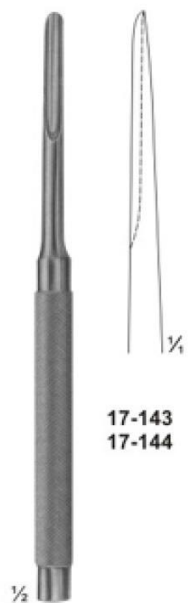
PARTSCH
17-136 - 140
Gouges
 170 mm

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



LUCAS
17-141 - 142
Chisels
 160 mm

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



LUCAS
17-143 - 144
Gouges
 160 mm

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

Reposition Forceps, Bone Holding Forceps



17-145
 Patella forceps
 185 mm



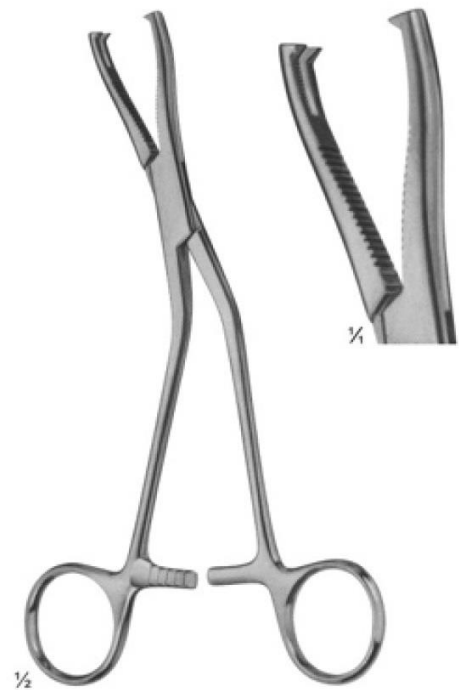
17-146
 Forceps with
 ratchet fixation
 140 mm



17-147
 Forceps with
 thread fixation
 170 mm

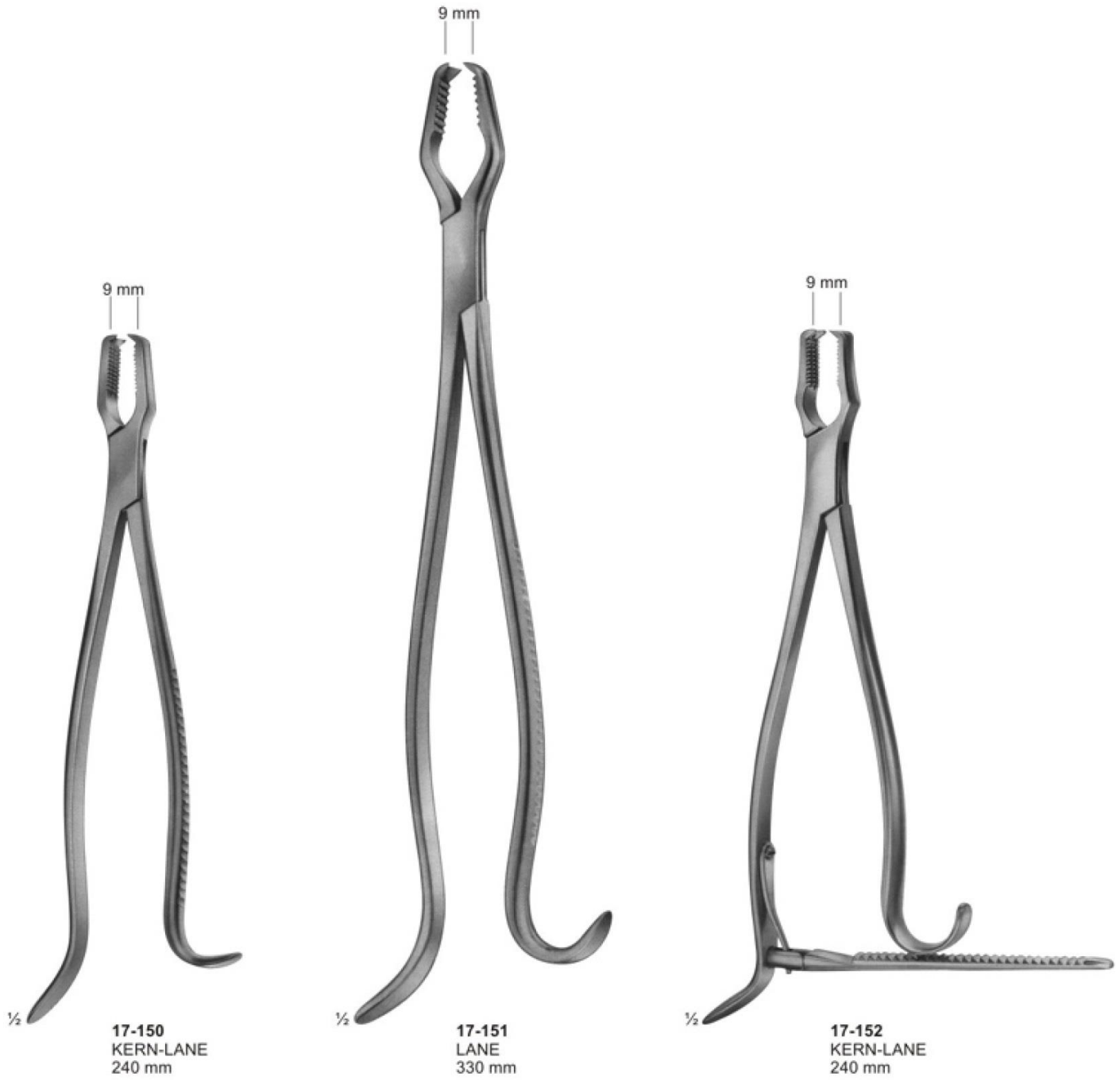


17-148
 Forceps with
 thread fixation
 235 mm



17-149
 DINGMANN
 185 mm

Bone Holding Forceps





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



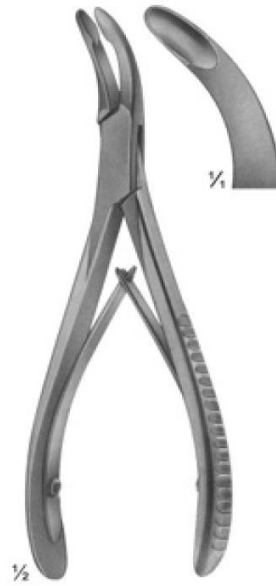
17-155
LOWMAN-GERSTER
210 mm



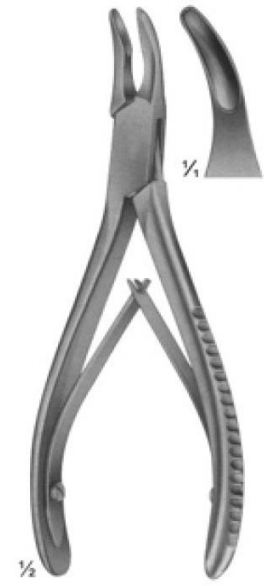
17-156
LOWMAN-HOGLUND
175 mm



17-157
LUER
150 mm



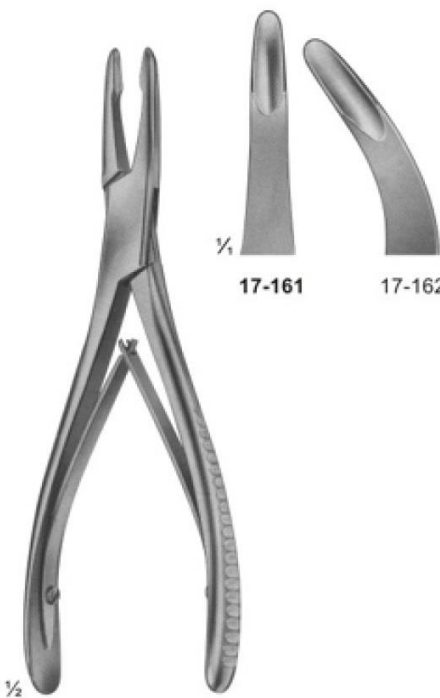
17-158
LUER
155 mm



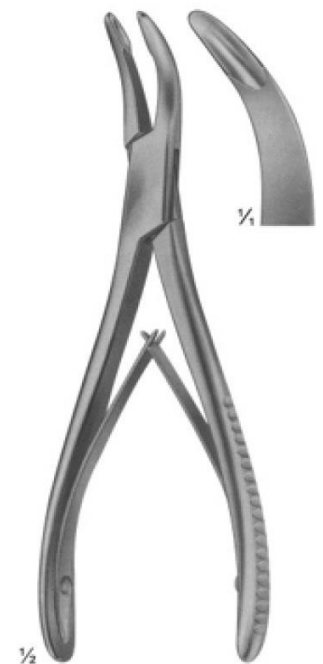
17-159
BLUMENTHAL
155 mm



17-160
BLUMENTHAL
150 mm



17-161 - 162
JANSEN
175 mm



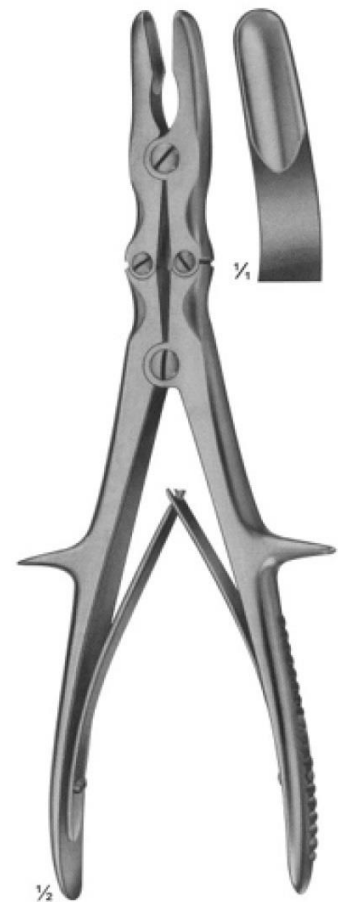
17-163
BANE-HARTMANN
175 mm



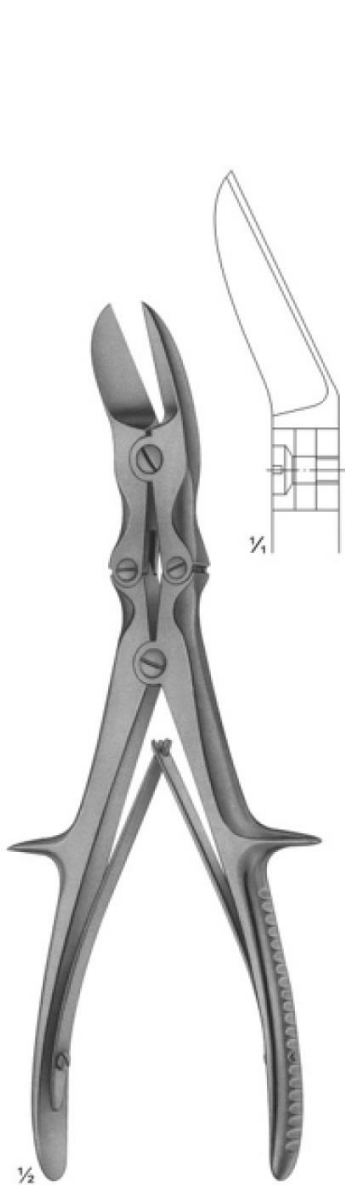
17-164
STILLE
235 mm



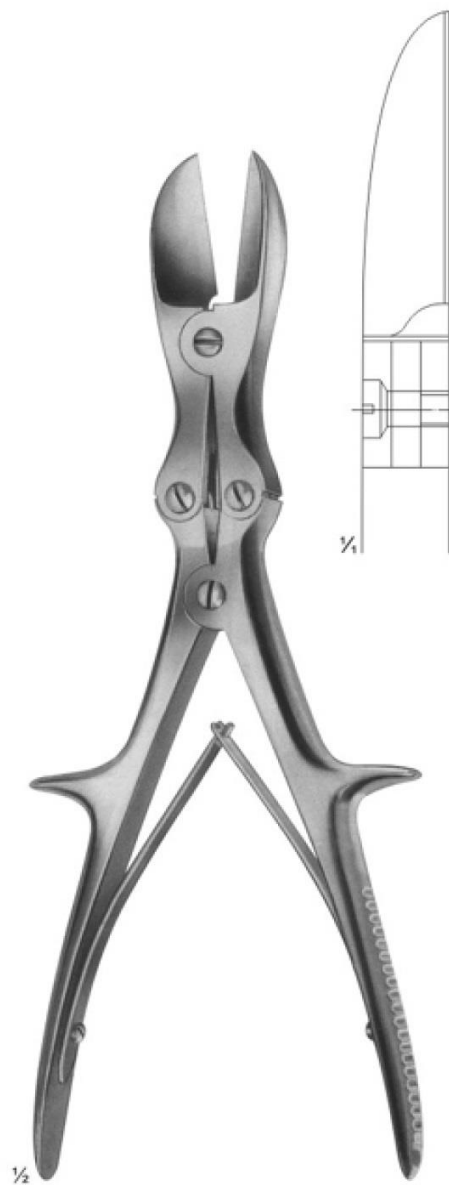
17-165
LEKSELL-STILLE
240mm



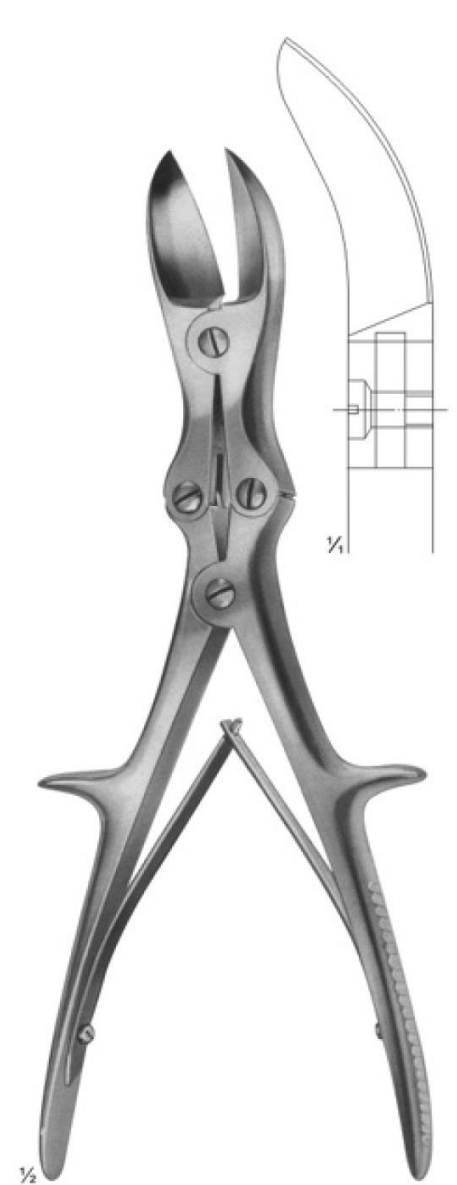
17-166
STILLE-RUSKIN
240mm



17-167
LISTON
curved on flat
240 mm



17-168
LISTON
straight
280 mm



17-169
LISTON
curved on flat
280 mm



17-170
STILLE-AESCU LAP
260 mm



17-171
STILLE-AESCU LAP
360 mm



17-172
HENING
270 mm



17-173
MOD.USA
230 mm



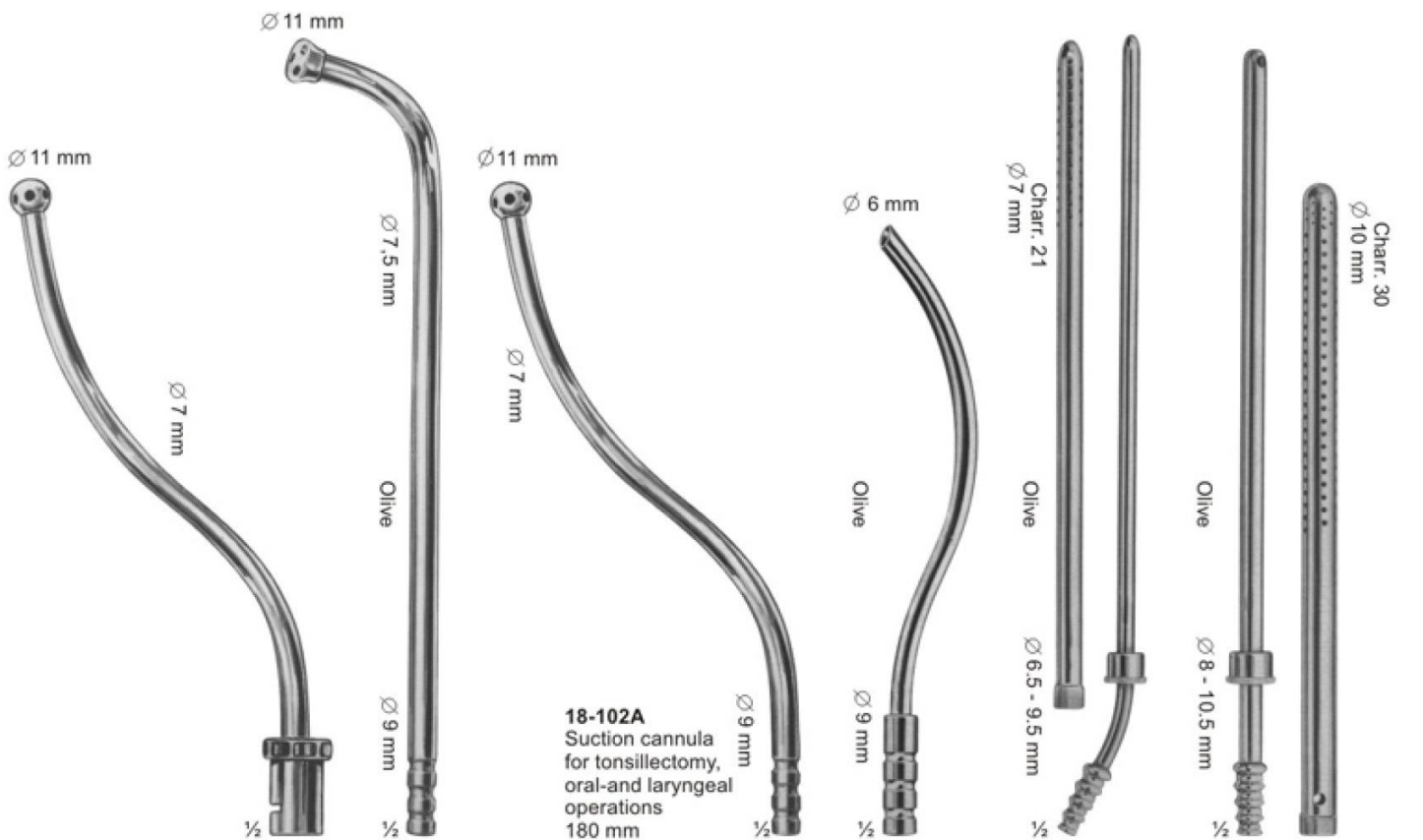
17-174
290 mm



with removable jaws



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



18-101
For tonsillectomy,
oral-and laryngeal
operations
180 mm

18-102
Suction cannula
for tonsillectomy,
oral-and laryngeal
operations
220 mm

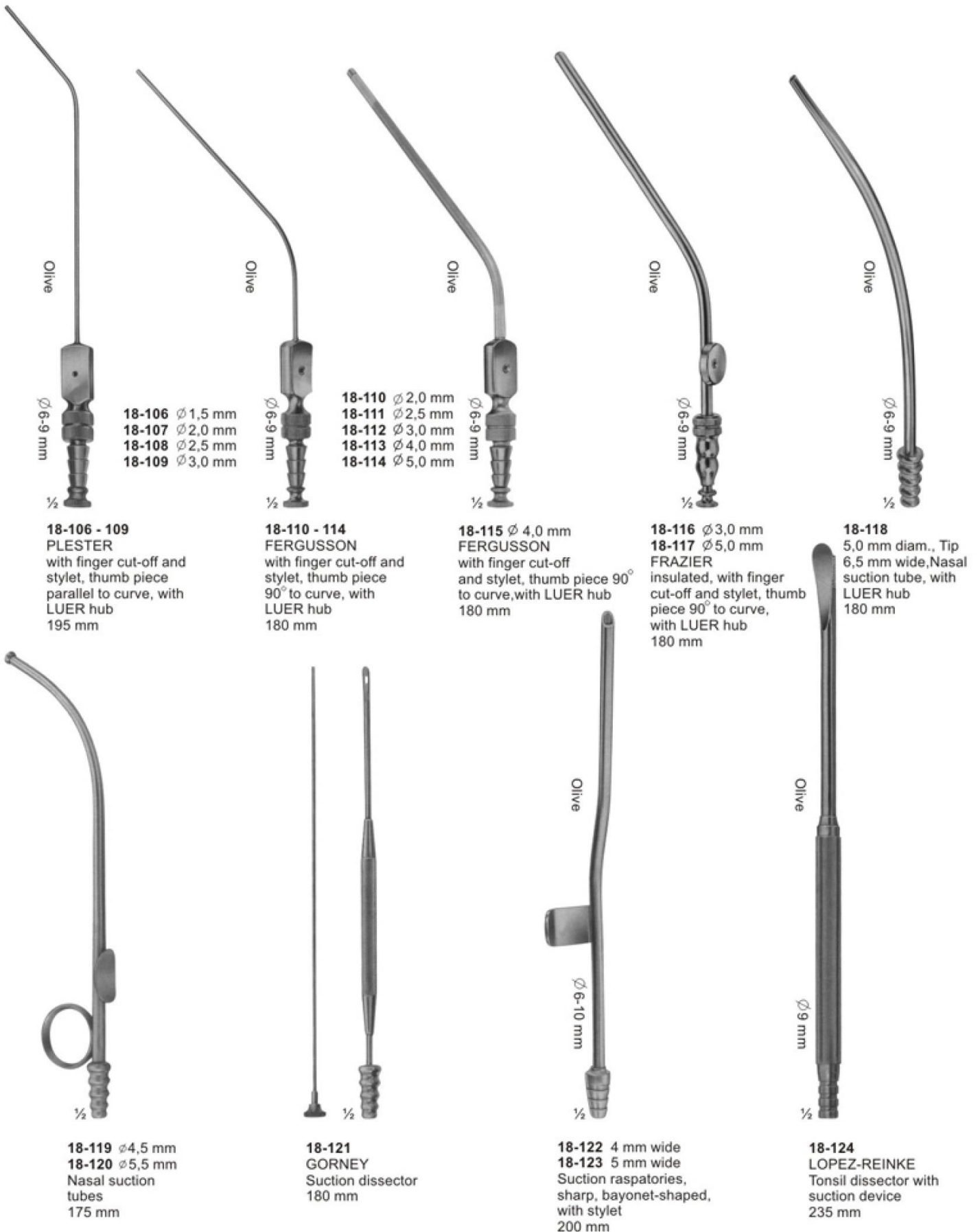
18-102A
Suction cannula
for tonsillectomy,
oral-and laryngeal
operations
180 mm

18-103
S-shaped blunt cannula
for aspirating fluid from
the excretory ducts of
large glands and for
keeping the operating
area clear
170 mm

18-104
POOL
Suction cannula,
with outer tube
to be screwed of
225 mm

18-105
POOL
Suction cannula,
with outer tube
to be screwed off
225 mm

Suction Instruments



Olive

Ø 6-9 mm

- 18-106 Ø 1,5 mm
- 18-107 Ø 2,0 mm
- 18-108 Ø 2,5 mm
- 18-109 Ø 3,0 mm

½

18-106 - 109
PLESTER
 with finger cut-off and stylet, thumb piece parallel to curve, with LUER hub
 195 mm

Olive

Ø 6-9 mm

- 18-110 Ø 2,0 mm
- 18-111 Ø 2,5 mm
- 18-112 Ø 3,0 mm
- 18-113 Ø 4,0 mm
- 18-114 Ø 5,0 mm

½

18-110 - 114
FERGUSSON
 with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub
 180 mm

Olive

Ø 6-9 mm

18-115 Ø 4,0 mm
FERGUSSON
 with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub
 180 mm

Olive

Ø 6-9 mm

18-116 Ø 3,0 mm
18-117 Ø 5,0 mm
FRAZIER
 insulated, with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub
 180 mm

Olive

Ø 6-9 mm

18-118
 5,0 mm diam., Tip 6,5 mm wide, Nasal suction tube, with LUER hub
 180 mm



½

18-119 Ø 4,5 mm
18-120 Ø 5,5 mm
 Nasal suction tubes
 175 mm



½

18-121
GORNEY
 Suction dissector
 180 mm



Olive

Ø 6-10 mm

½

18-122 4 mm wide
18-123 5 mm wide
 Suction raspatories, sharp, bayonet-shaped, with stylet
 200 mm



Olive

Ø 9 mm

½

18-124
LOPEZ-REINKE
 Tonsil dissector with suction device
 235 mm



19-101 - 115
Schimmelbusch

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



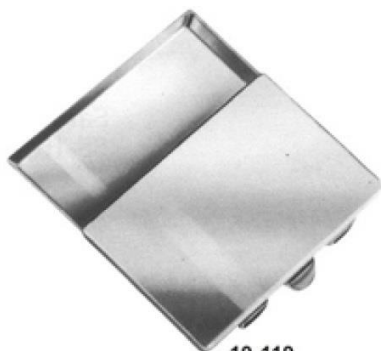
19-116
Box
(without Bulldog clamps,
without silicone tape)



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



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



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



19-122
Ø 65 mm x 15 mm

Hospital Wares



19-123-131

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



19-132-139

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



19-140
 205 x 105 x 35 mm



19-141-142

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

Round Metal Boxes and Medicine Cups



19-143-148

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



19-149
25 cc

19-150
50 cc



19-151
20 cc
Medicine Spoon



19-152
Ø 75 x 12 mm
Tablet Tray



19-153
Ø 90 x 90 mm
Metal Cup



19-154
Ø 75 x 80 mm
Sputum Cup



Kidney Dish



19-155 - 157

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

Hospital Wares



19-158 - 165

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



19-166 - 170

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



19-171
 ∅ 100 x 28 mm 0.15L



19-172
 100 cc 0.1L



19-173 - 176

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



26-186
 235 x 190 x 40 mm



26-187
 ∅ 220 x 70 mm

Hospital Wares



19-179
 ∅ 50 x 100 mm
 Powder Pot



19-180
 ∅ 50 x 75 mm
 Methot With Lid



19-181
 ∅ 50 x 75 mm
 Methot Without Lid



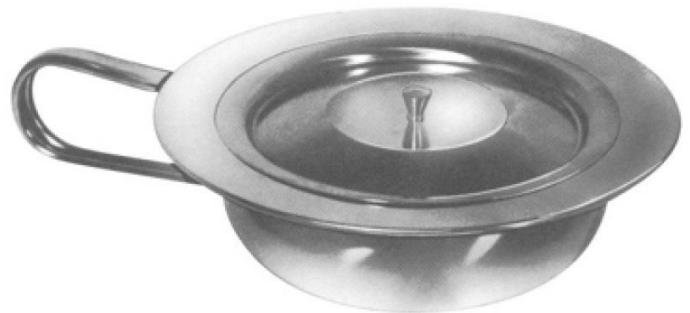
19-182



19-183



19-184



19-185-186

19-185 ∅235 mm
19-186 ∅310 mm

Needle Cases



19-187
 Sauerbruch
 210 x 125 x 17 mm



19-188
 Sauerbruch
 210 x 125 x 17 mm



19-189
 150 x 95 x 13 mm



19-190
 150 x 95 x 13 mm



19-191
 150 x 95 x 13 mm



19-192
 150 x 95 x 13 mm



19-193
 150 x 95 x 13 mm



19-194
 150 x 95 x 13 mm



19-195
 150 x 95 x 13 mm

Storing Cases



19-196
Deponette
245 x 135 x 35mm



19-197
Deponette
245 x 135 x 50mm



19-198
Deponette
245 x 135 x 60mm

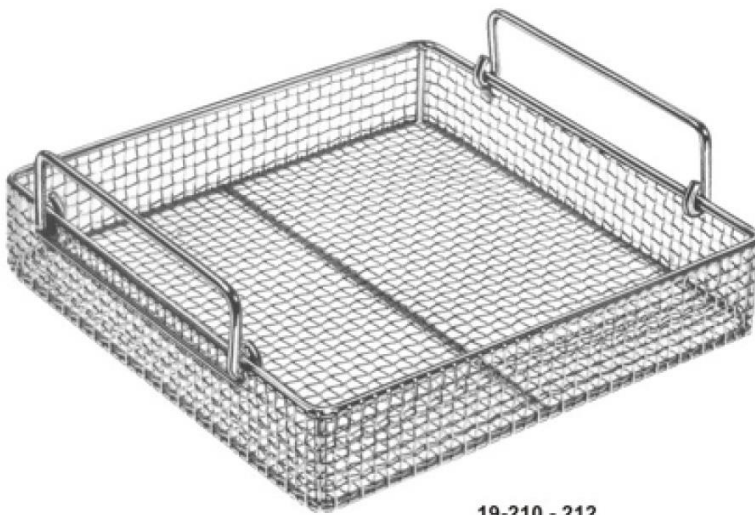
Storing Cases



19-199 - 209

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

Sterilizing Baskets / Trays



19-210 - 212

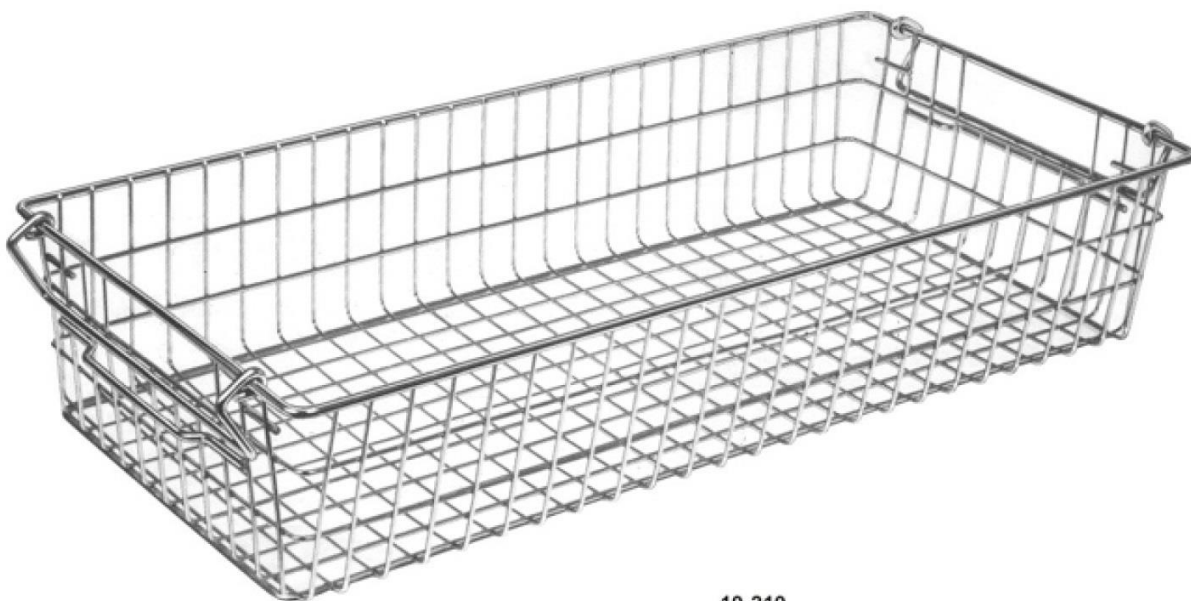
19-210	480 x 250 x 50 mm
19-211	520 x 250 x 75 mm
19-212	520 x 250 x 100 mm



19-213 - 218

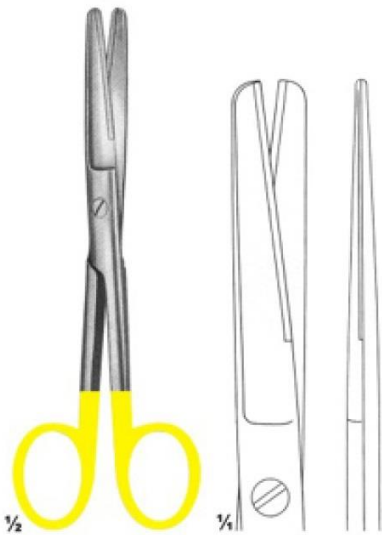
19-213	240 x 240 x 50 mm
19-214	240 x 240 x 80 mm
19-215	240 x 240 x 100 mm
19-216	480 x 260 x 50 mm
19-217	520 x 260 x 80 mm
19-218	520 x 260 x 100 mm

Sterilizing Basket



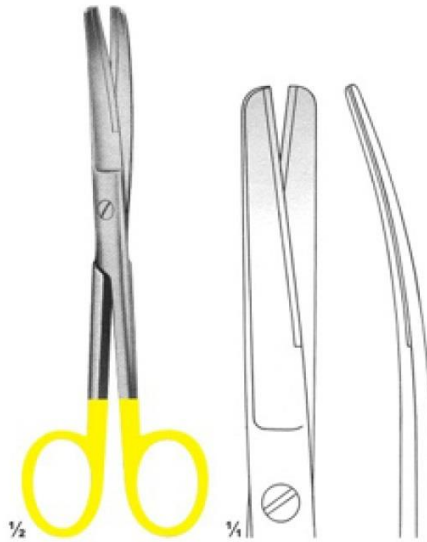
19-219
(60 x 30 x 15 cm)
Nominal dimensions

Scissors with Tungsten Carbide Inserts



26-101
Standard

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



26-102
Standard

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



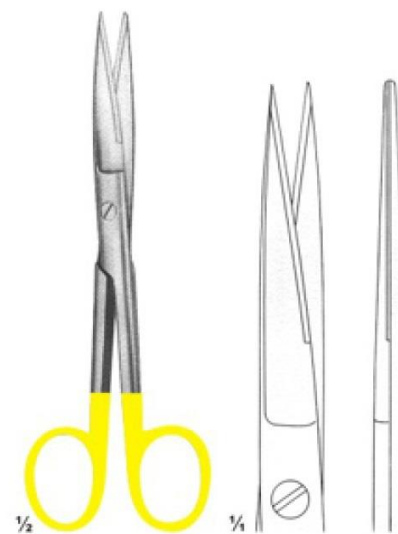
26-103
Standard

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



26-104
Standard

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



26-105
Standard

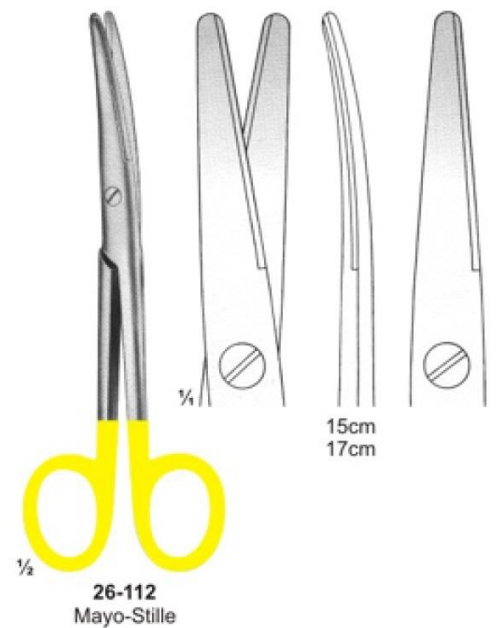
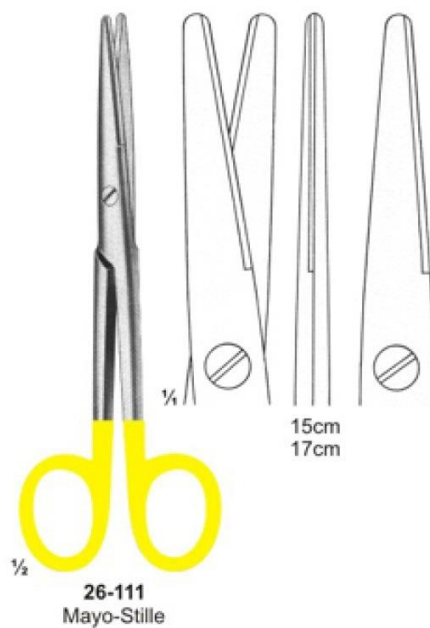
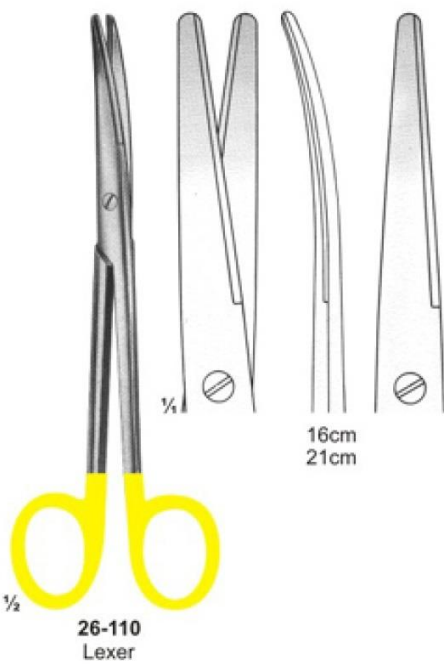
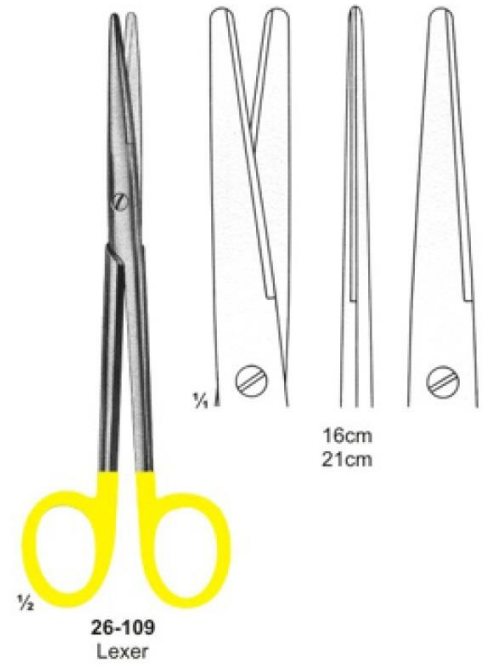
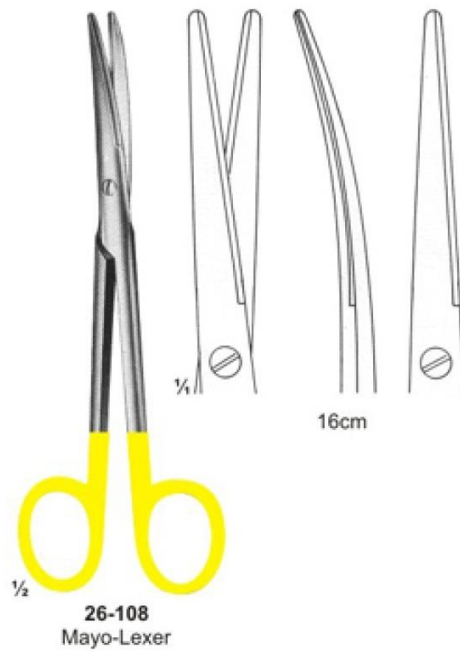
14,5cm
16,5cm
18,5cm



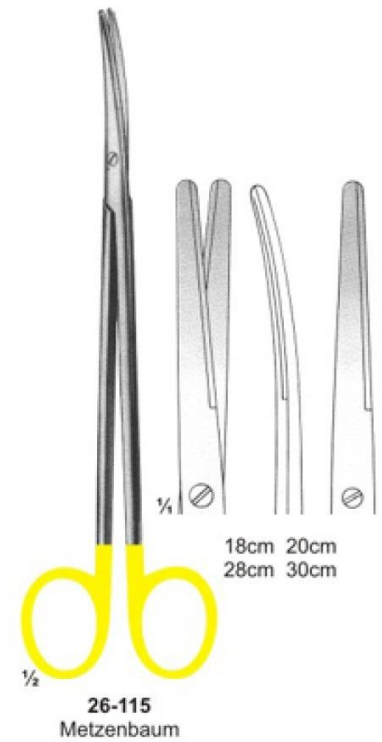
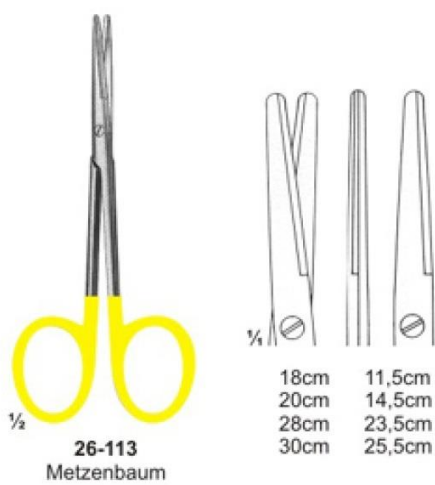
26-106
Standard

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

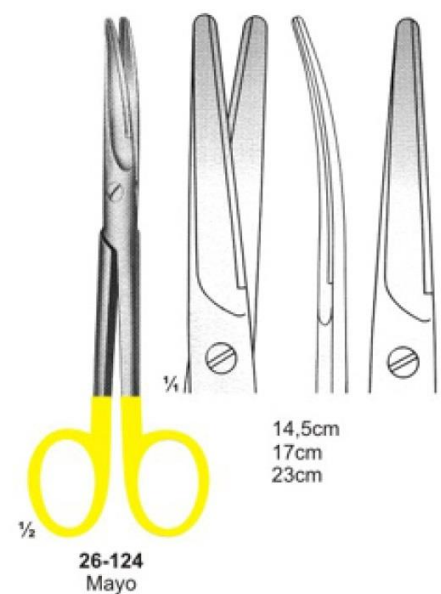
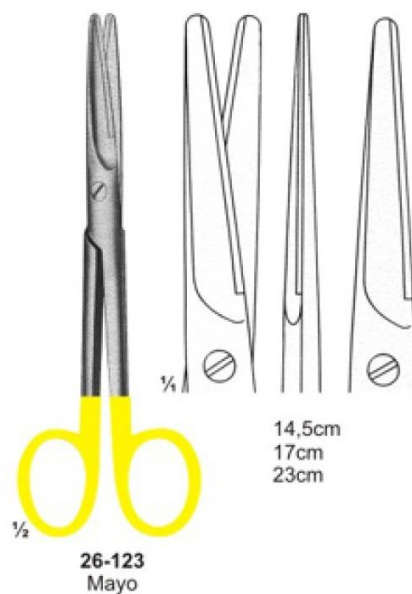
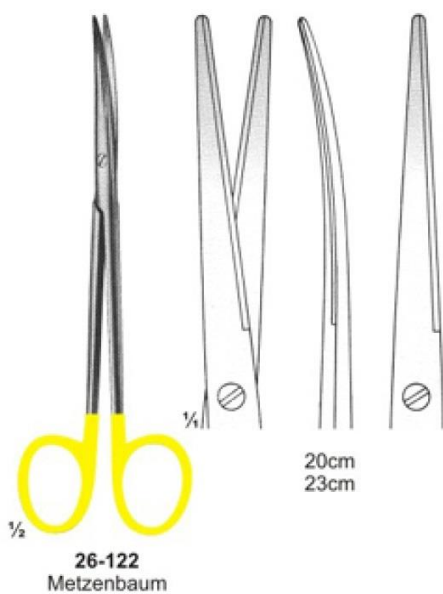
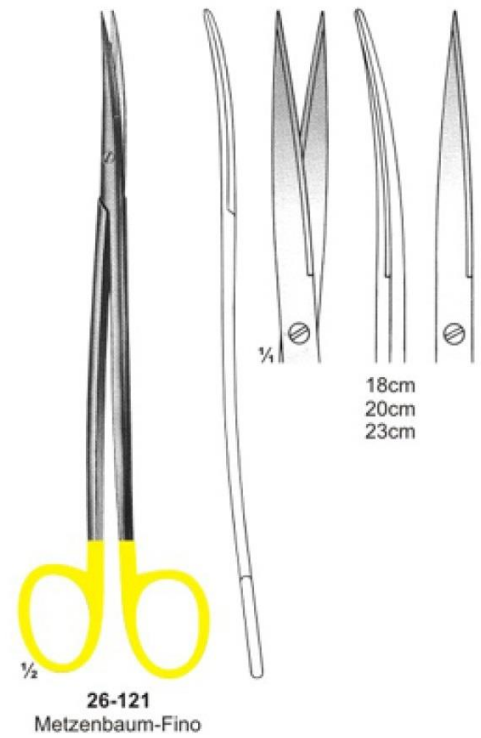
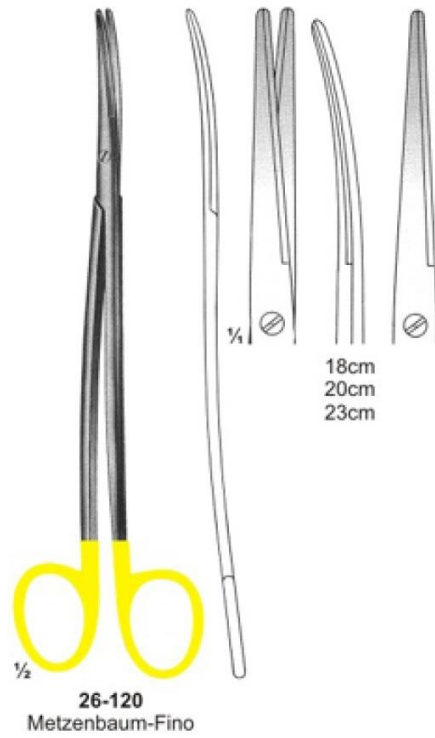
Scissors with Tungsten Carbide Inserts



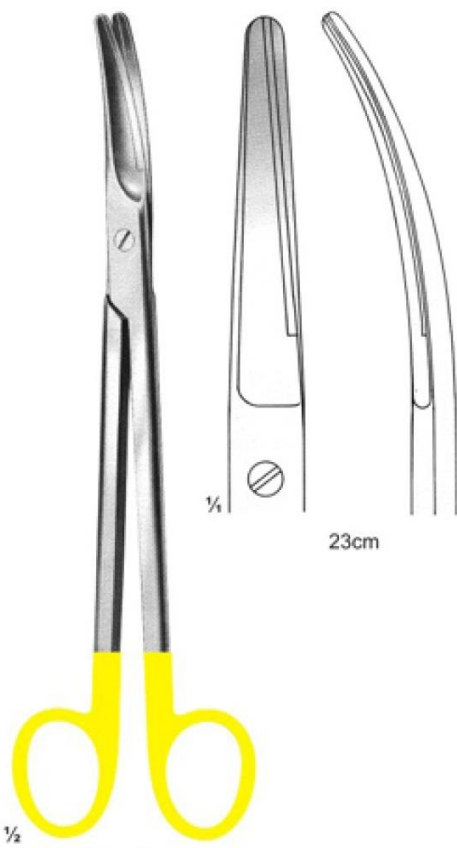
Scissors with Tungsten Carbide Inserts



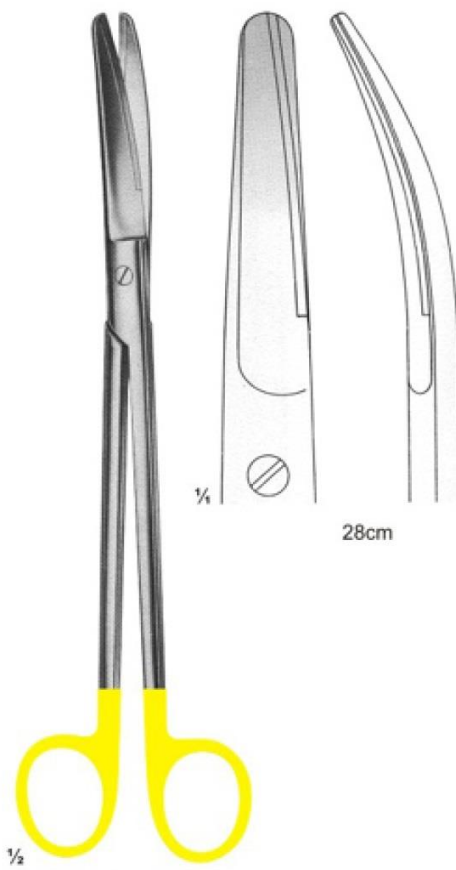
Scissors with Tungsten Carbide Inserts



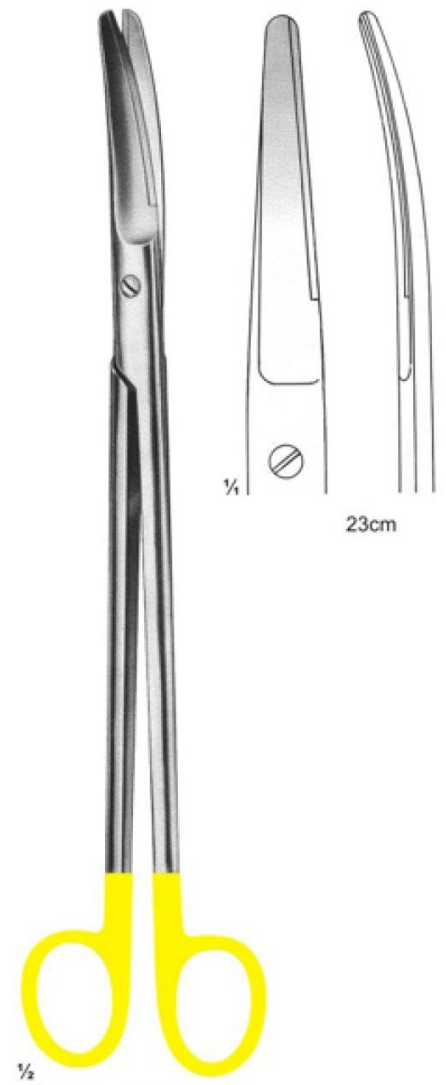
Scissors with Tungsten Carbide Inserts



26-125
Parametrium

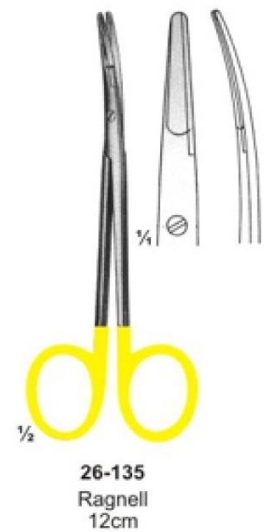
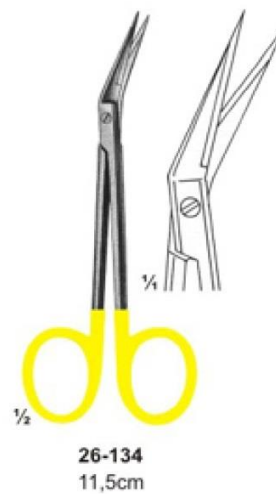
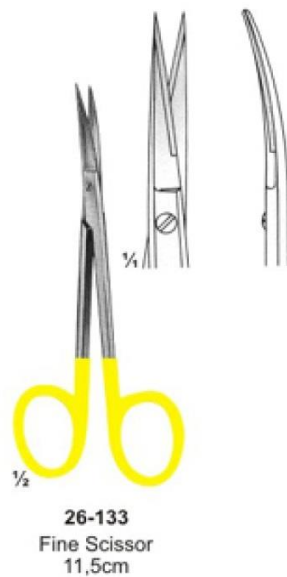
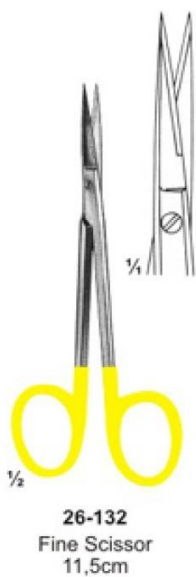
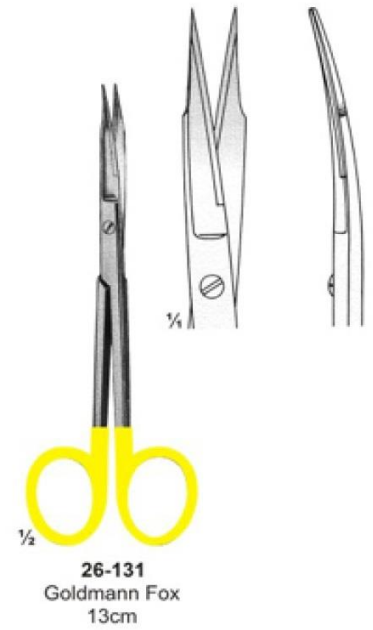
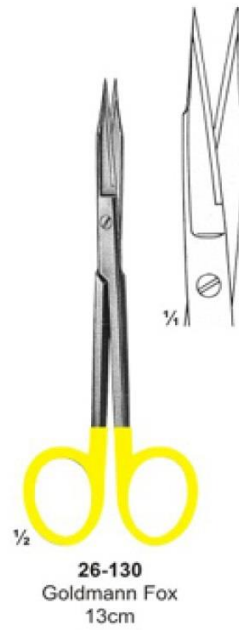
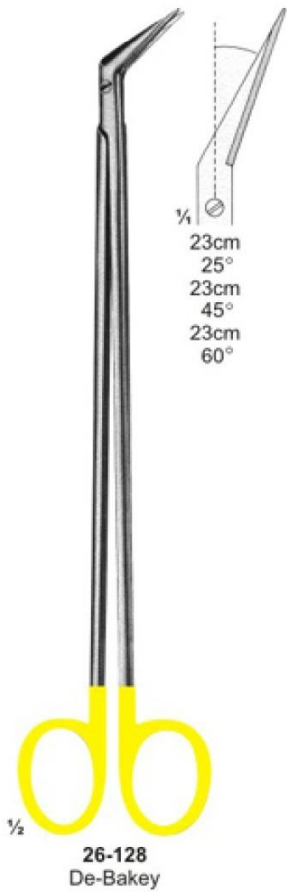


26-126
Mayo-Harrington

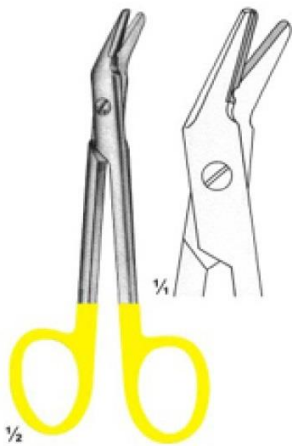


26-127
Sims

Scissors with Tungsten Carbide Inserts



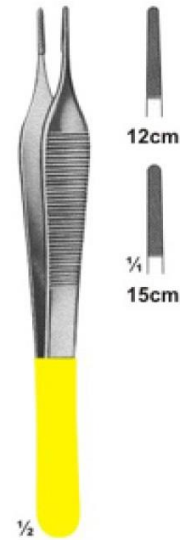
Scissors & Dissecting Forceps with Tungsten Carbide Inserts



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

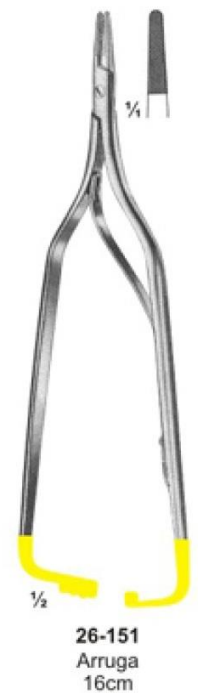
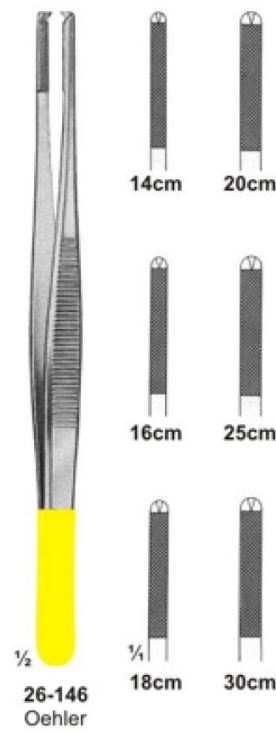
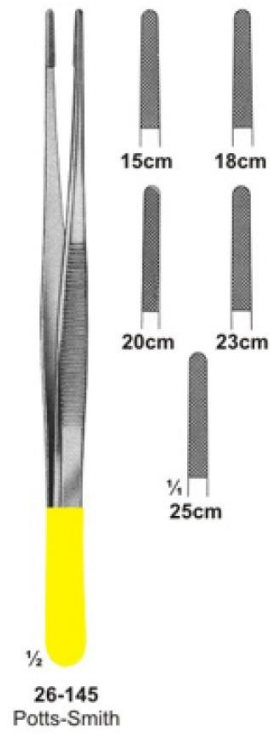
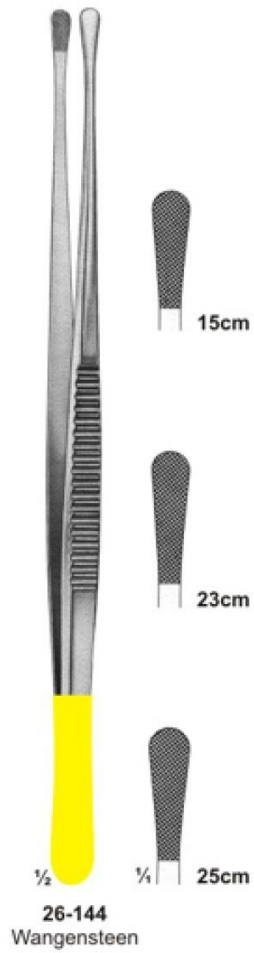


26-142
 Dissecting Forceps
 15cm

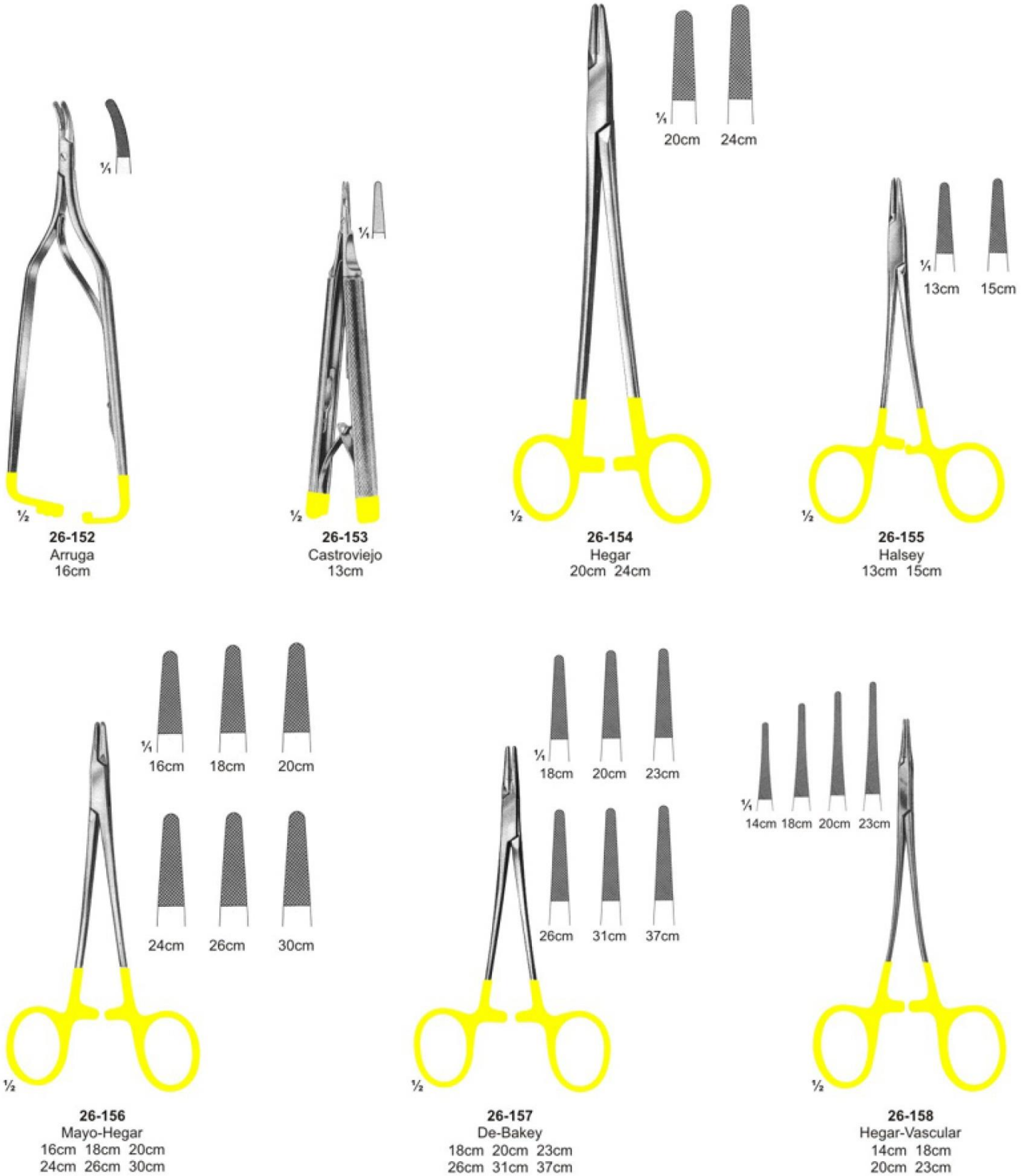


26-143
 Semken
 15cm

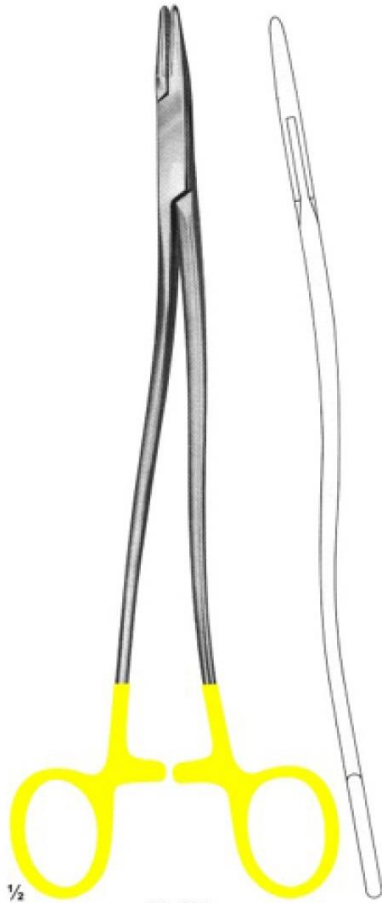
Dissecting Forceps and Needle holders with Tungsten Carbide Inserts



Needle holders with Tungsten Carbide Inserts



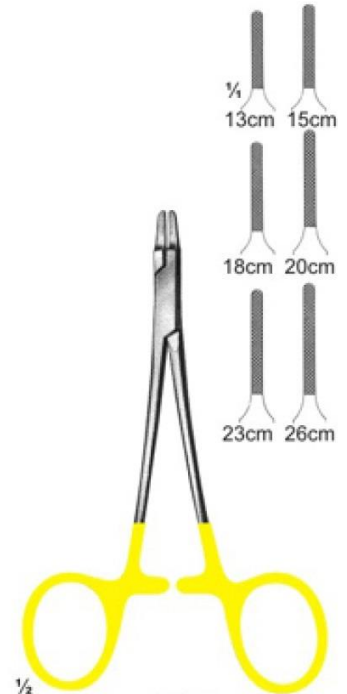
Needle holders with Tungsten Carbide Inserts



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



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



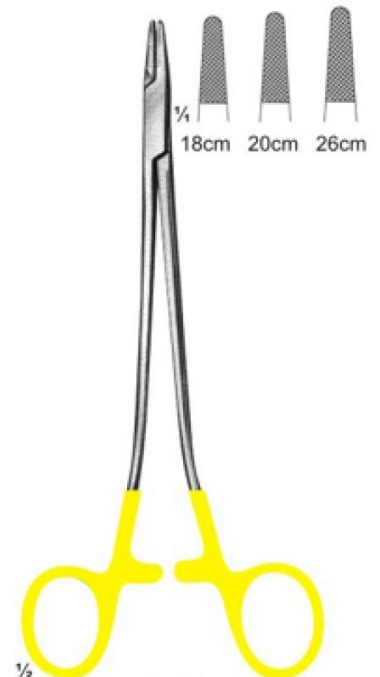
$\frac{1}{2}$
26-161
 Ryder
 13cm 15cm 18cm
 20cm 23cm 26cm



$\frac{1}{2}$
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



$\frac{1}{2}$
26-172
 Mathieu-Ryder
 17cm
 20cm 24cm



$\frac{1}{2}$
26-173
 Lichtenberg
 20cm



$\frac{1}{2}$
26-174
 Langhals
 20cm 25cm



$\frac{1}{2}$
26-175
 Lichtenberg
 20cm 25cm



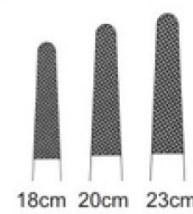
$\frac{1}{2}$
26-176
 Luehty-Beck
 20cm 25cm



$\frac{1}{2}$
26-177
 Luehty-Beck
 20cm 25cm



$\frac{1}{2}$
26-178
 Langebeck
 18cm
 20cm 23cm



$\frac{1}{2}$
26-179
 Langebeck-beck
 18cm
 20cm 23cm

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