



REAL
ENTERPRISES
QUALITY FIRST
Since 1908



SURGICAL INSTRUMENTS CATALOGUE



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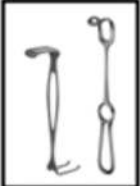


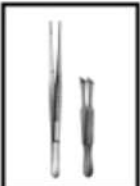
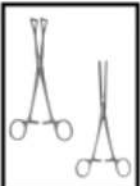
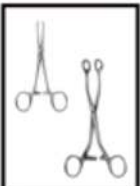
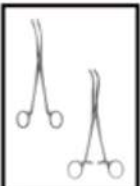
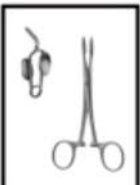
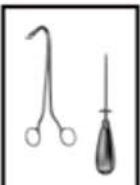
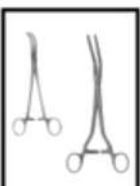











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Percussion Hammers and Aesthesiometers



Stethoscopes



01-110
 PINARD (Aluminum)
 Size: 155 mm

½



01-111
 wooden
 Size: 145 mm

½



01-112
 BOWLES
 Stethoscope
 with diaphragm

¼



01-113
 ANESTOPHON

½



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

¼



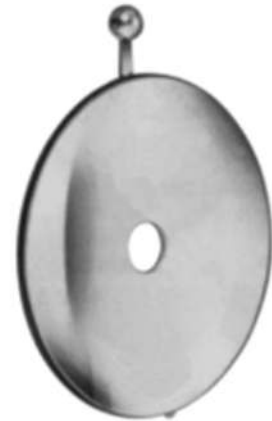
01-115
 BOWLES

¼

Head Mirrors and Head Bands



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

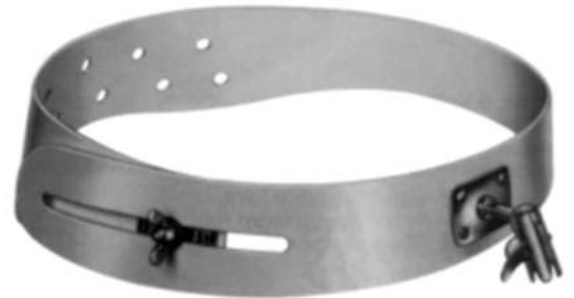


01-117
ZIEGLER Ø 90mm
head mirror only
with metal coating



01-118
ZIEGLER
head band of plastic black

01-119
ZIEGLER
head band of plastic white



01-120
MURPHY
head band of celluloid, white

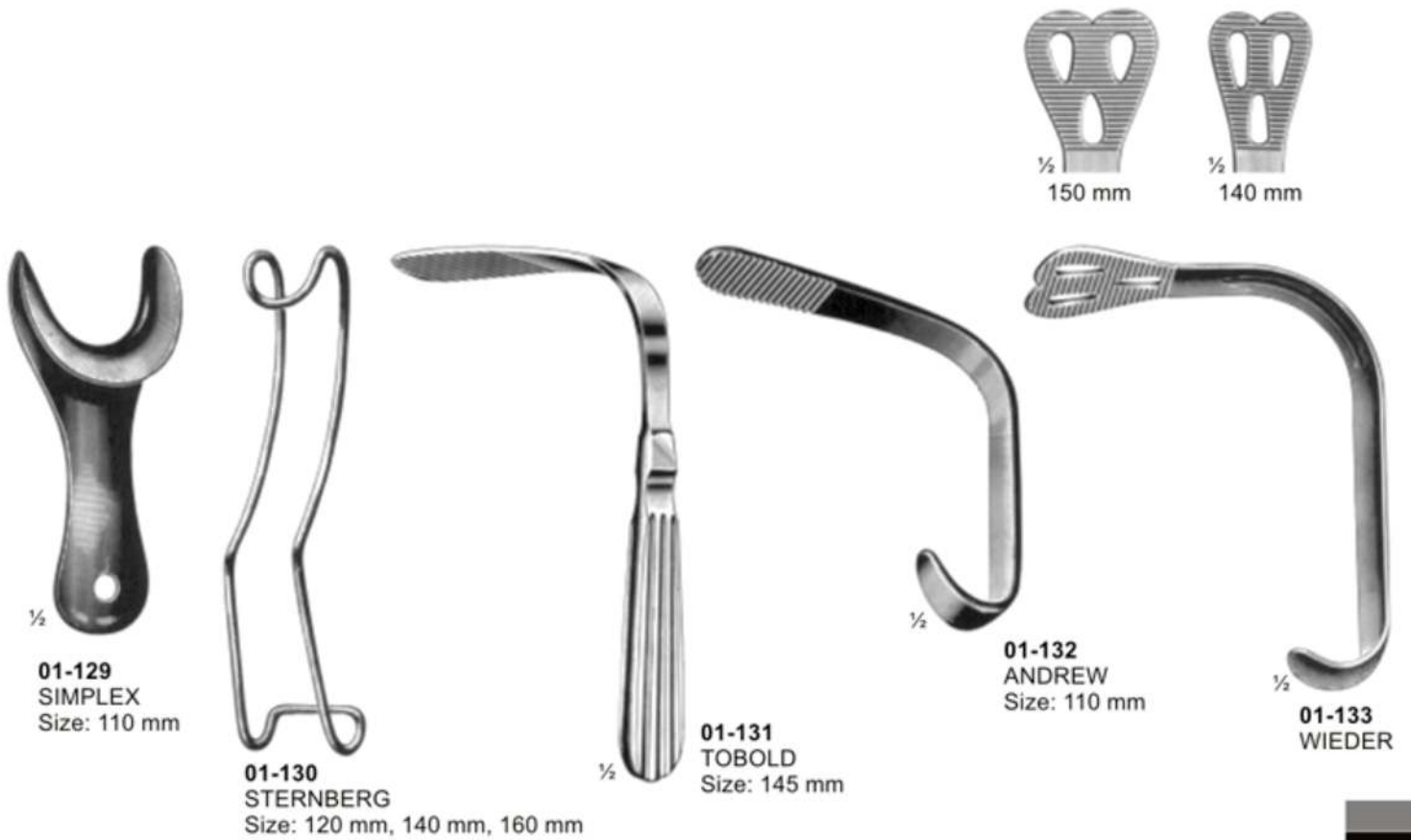
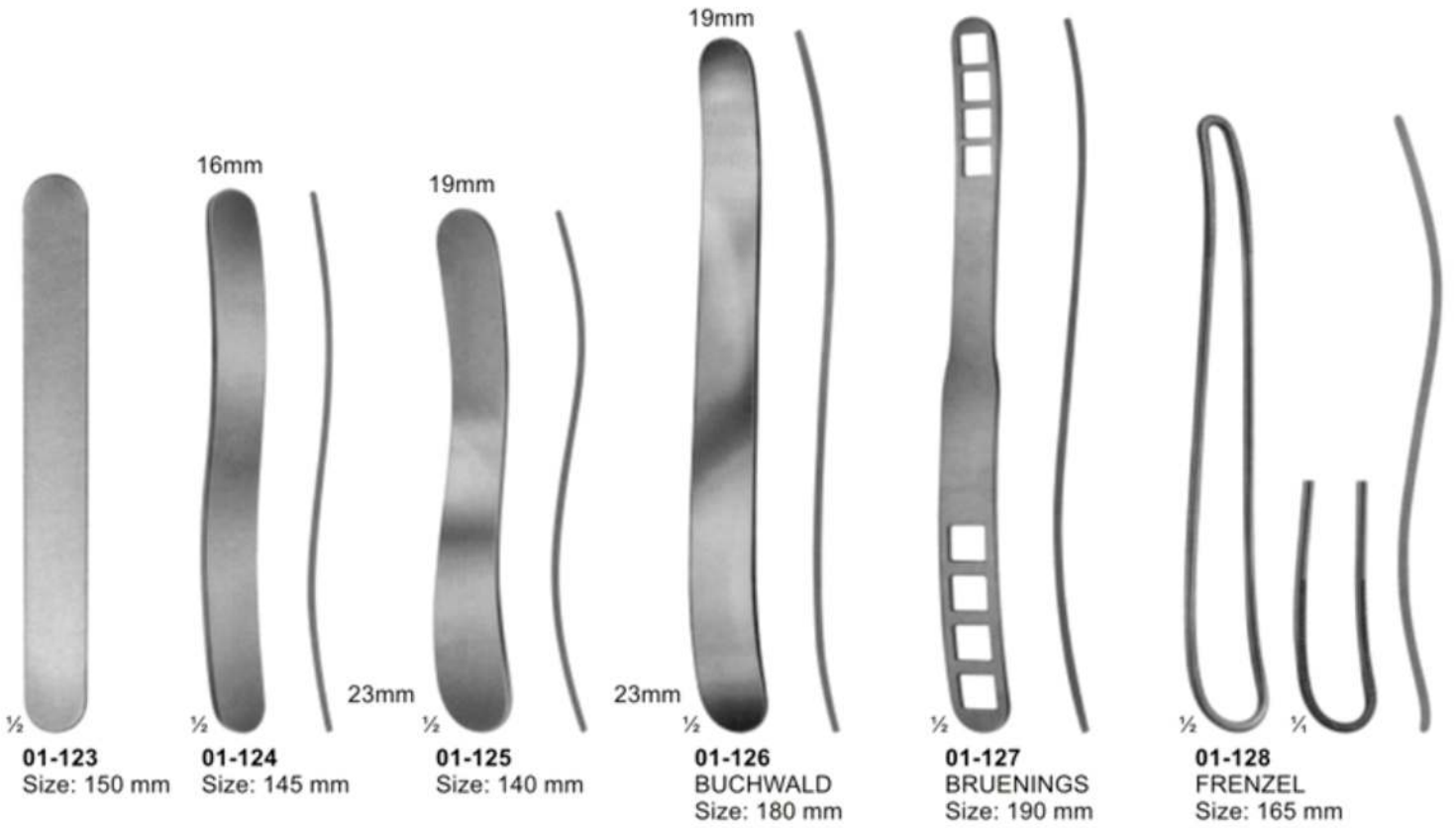


01-121
head band of plastic,
white, soft pattern



01-122
head mirror with black
plastic head band.

Tongue Depressors



Instruments for Anaesthesia and Tongue Forceps



01-134
SCHIMMELBUSCH
Ether mask



01-135
HEISTER
Mouth gag
Size: 130 mm



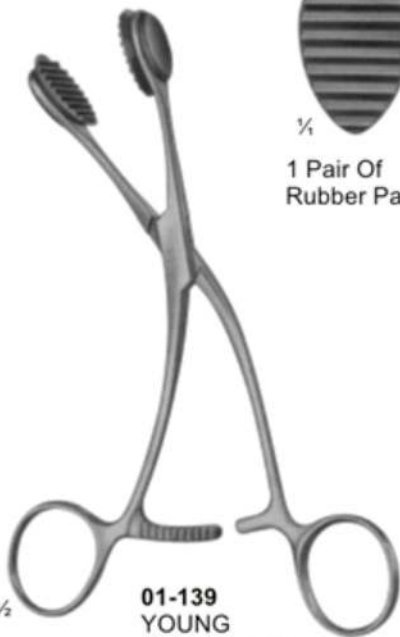
01-136
FERGUSSON-ACKLAND
Mouth gag
Size: 145 mm



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



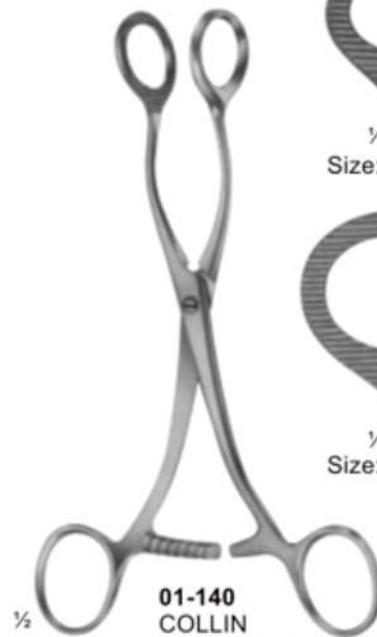
01-138
ROSER KOENIG
Mouth gag
Size: 160 mm, 185 mm



01-139
YOUNG
Size: 165 mm



1 Pair Of
Rubber Pads



01-140
COLLIN
Size: 160 mm,
170 mm



Size: 160 mm

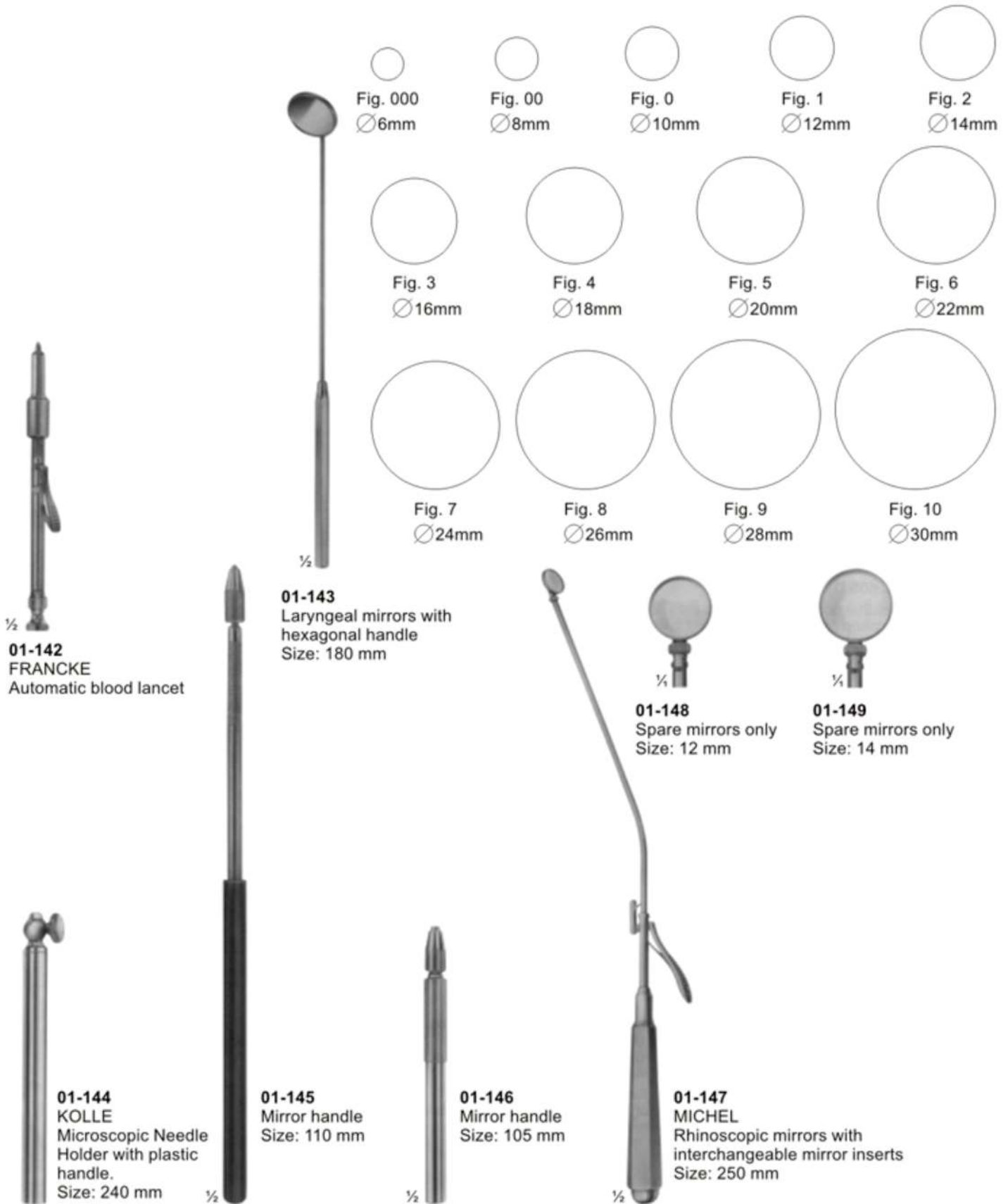


Size: 170 mm



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

Blood Lancets and Laryngeal Mirrors



Diagnostic Sets



01-153
Ophthalmoscope



$\frac{1}{2}$ **01-150 - 152**
MAGILL
Catheter Introducing Forceps



$\frac{1}{2}$ **01-153-A**
Medium battery handle
only, 25 mm diam.



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



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



01-154
Otoscope & Pouch



01-155
ENT Set



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



01-157
Otoscope Set with three specula.

Laryngoscopes



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

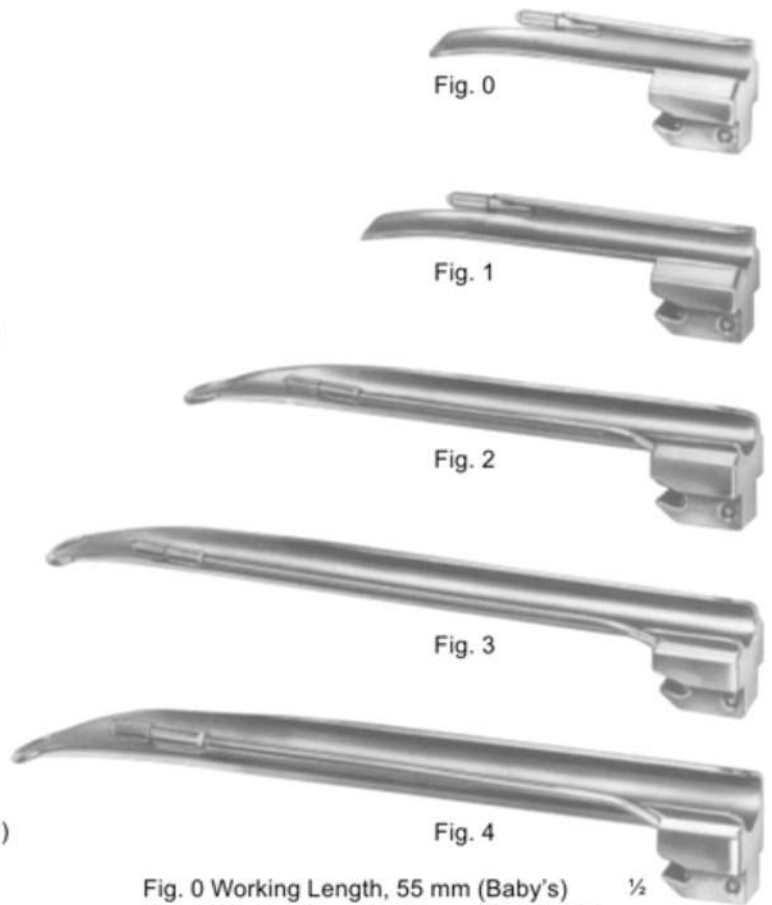


Fig. 0 Working Length, 55 mm (Baby's)
Fig. 1 Working Length, 80 mm (Children's)
Fig. 2 Working Length, 130 mm (Adolescent's)
Fig. 3 Working Length, 170 mm (Women's)
Fig. 4 Working Length, 180 mm (Men's)



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

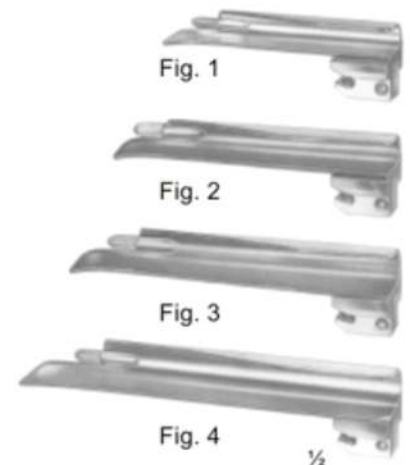


Fig. 1 Working Length, 70 mm (Children's)
Fig. 2 Working Length, 90 mm (Adolescent's)
Fig. 3 Working Length, 110 mm (Women's)
Fig. 4 Working Length, 135 mm (Men's)

Laryngoscopes



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

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



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

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



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



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



01-164
Fiber Optic
Battery Handle
30mm diam.



01-165
Fiber Optic
Battery Handle
18mm diam.



01-166
Replacement Lamp
(Krypton) 2.5 V



01-167
Replacement Lamp
(Halogen) 2.5 V

Examination & Measuring Instruments



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



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



01-170
CARROLL
Size: 145 mm
Finger Goniometer



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



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



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



01-174
CASTROVIEJO
Caliper
Size: 75mm



01-175
MOLTGEN
Goniometer



01-176
Size: 150 mm



01-177
Size: 500 mm



Dissecting Knives



1/2

02-101 - 110
 Fig. 1 - 10



1/4

02-101
 Fig. 1
 30 mm



02-102
 Fig. 2
 36 mm



02-103
 Fig. 3
 40 mm



02-104
 Fig. 4
 45 mm



02-105
 Fig. 5
 50 mm



1/4

02-106
 Fig. 6
 27 mm



02-107
 Fig. 7
 35 mm



02-108
 Fig. 8
 40 mm



02-109
 Fig. 9
 47 mm



02-110
 Fig. 10
 50 mm

Amputating Knives, Cartilage Knives and Autopsy Knives



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

Cone Knives, Myomatome, Trigeminal and Tonsil Knives



02-122
AYRE
Size: 235 mm
Cone Knife

02-123
Size: 230 mm
Cone Knife

02-124
SEGOND
Size: 270 mm
Myomatome

02-125
OLIVECRONA
Size: 205 mm
Trigeminal
Knife

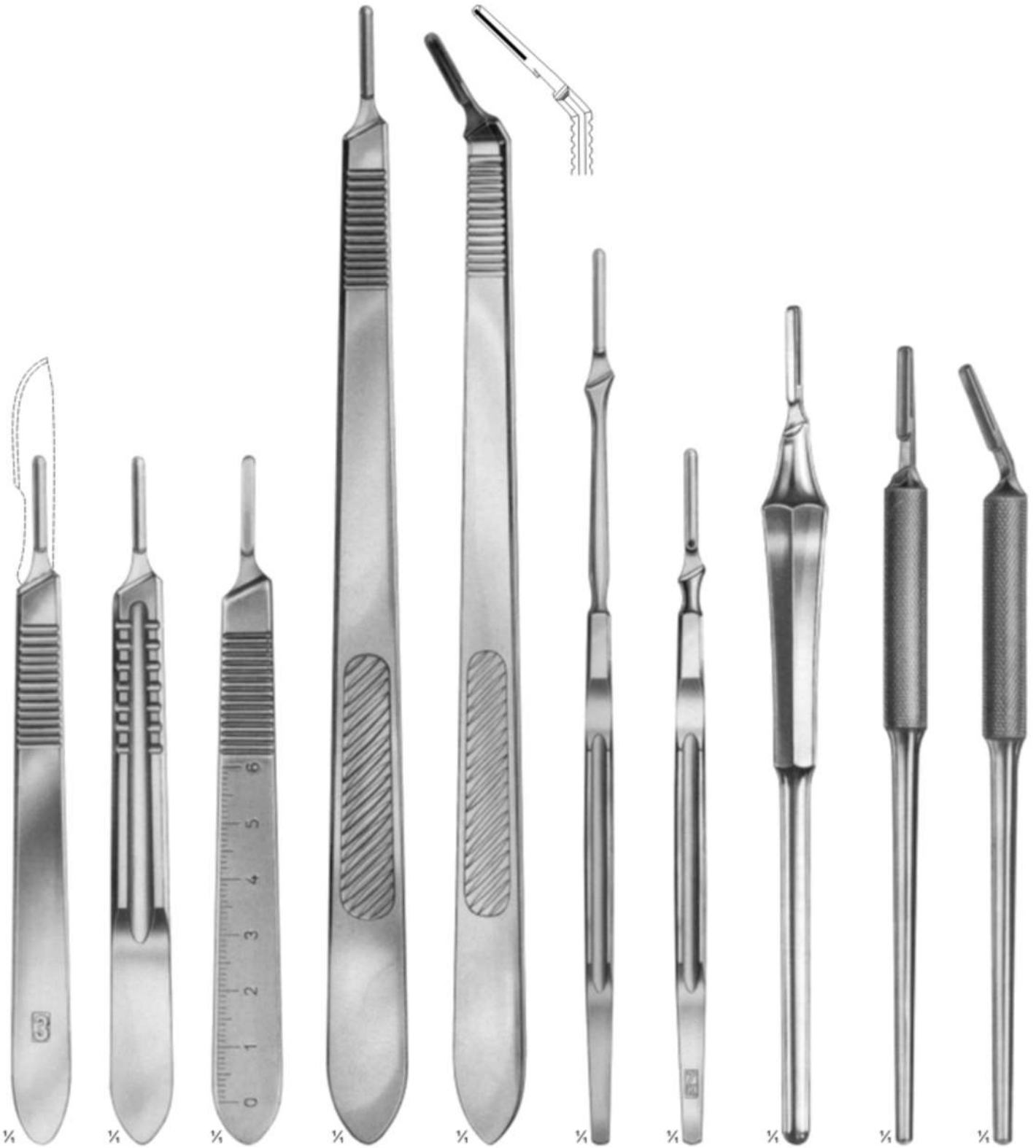
02-126
Size: 230 mm
Trigeminal
Knife

02-127
FOWLER
Size: 200 mm
Tonsil Knife

02-128
ABRAHAM
Size: 215 mm
Tonsil Knife

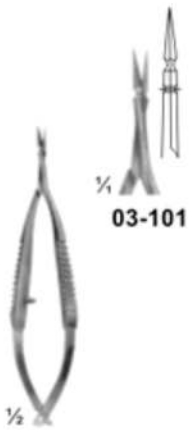
02-129
BRUNINGS
Size: 215 mm
Tonsil Knife

Scalpel Handles



$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
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

Micro Scissors (Spring Type) with Flat Handles



03-101 - 103
VANNAS
Size: 85 mm



03-102



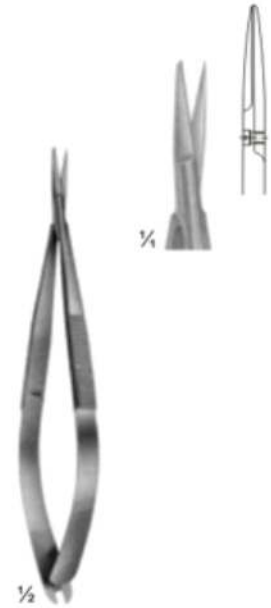
03-103



03-104 - 105
CASTROVIEJO
Size: 95 mm



03-105



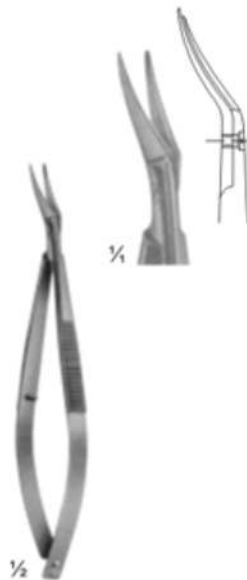
03-106
NOYES
Size: 125 mm



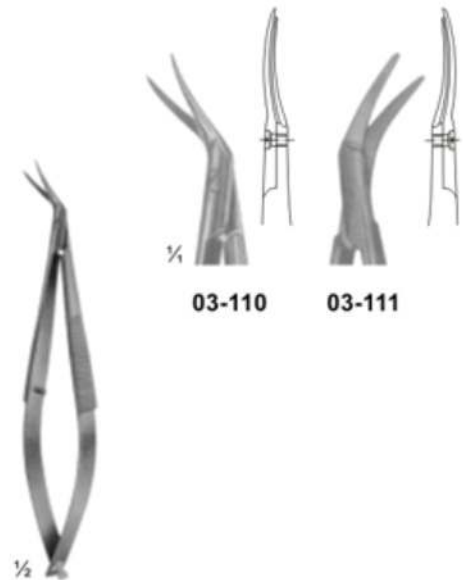
03-107 - 108
WECKER
Eye scissor
Size: 110 mm



03-108

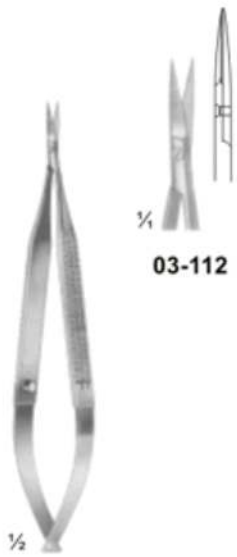


03-109
CASTROVIEJO
Eye scissor
Size: 115 mm



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

Micro Scissors (Spring Type) with Flat Handles



03-112



03-113



03-114
BIEMER
Vein scissor
Size: 130 mm



03-115
Size: 160 mm



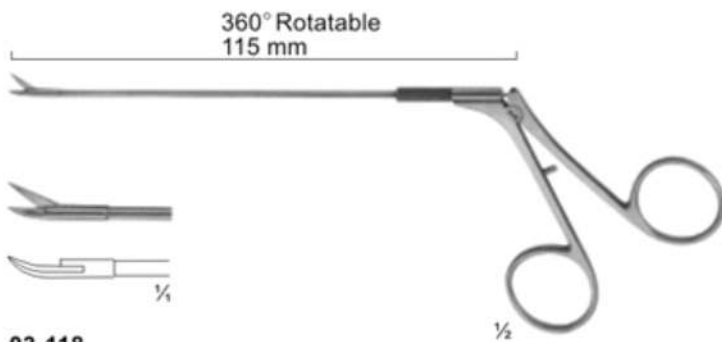
03-116 - 117
VANNAS
Size: 160 mm



03-116



03-117



03-118
CASPAR
Micro scissor curved
Size: 115 mm



03-119



03-120



03-121



03-119 - 121
Micro dissecting scissor
Size: 145 mm

Micro Scissors (Spring Type) bayonet-Shaped



1/2
03-122
 YASARGIL
 Size: 245 mm



1/2
03-123
 45°



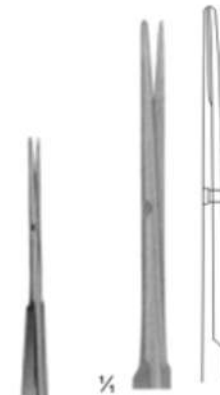
1/2
03-124
 45°



1/2
03-125
 laterally angled
 Size: 190 mm



1/2
03-123 - 124
 laterally angled
 Size: 200 mm



1/2
03-126



1/2
03-127



1/2
03-126 - 127
 YASARGIL
 Size: 225 mm

Delicate Scissors



03-128 - 129
Size: 90 mm



03-130 - 131
Size: 95 mm



03-132 - 133
Size: 105 mm



03-134 - 135
Size: 120 mm



03-136 - 137
Size: 115 mm

Delicate Scissors



03-138 - 140
 Size: 120 mm



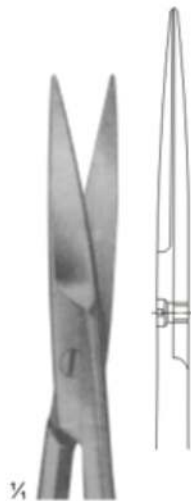
03-138



03-139



03-140



03-141



03-142



03-143

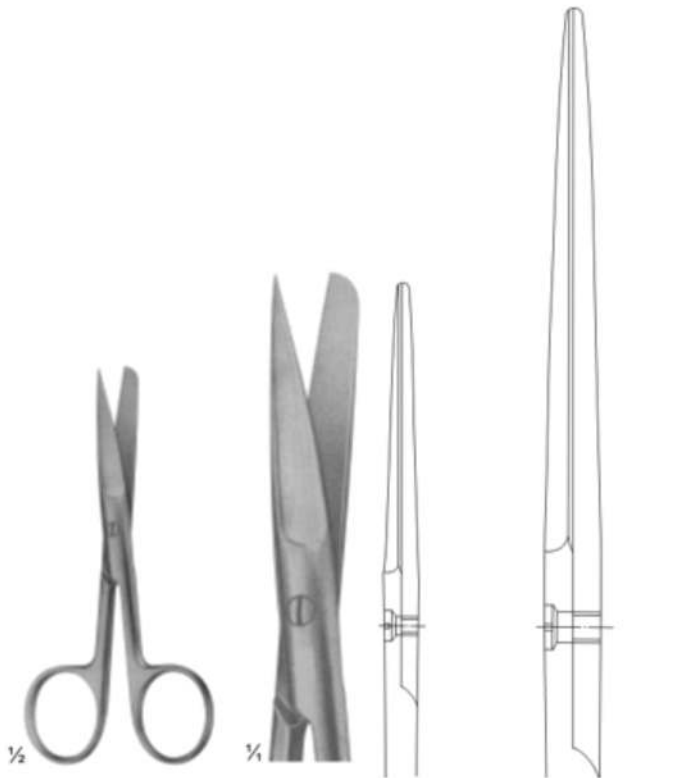


03-144



03-141 - 144
 Size: 130 mm

Surgical Scissors



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

03-145
Size: 105 mm

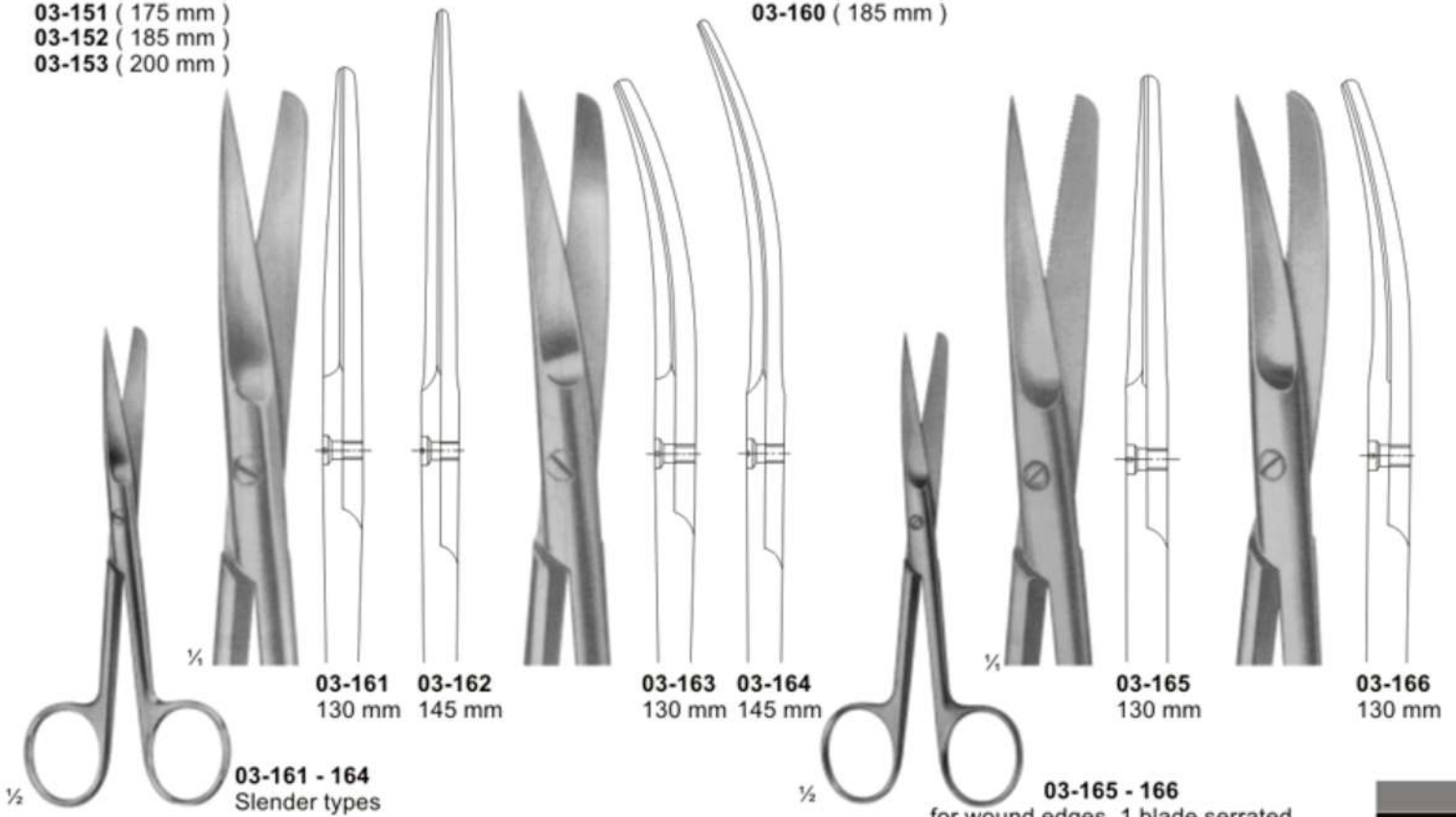
03-153
Size: 200 mm



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

03-154
Size: 115 mm

03-160
Size: 185 mm



03-161 - 164
Slender types

03-161 130 mm

03-162 145 mm

03-163 130 mm

03-164 145 mm

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

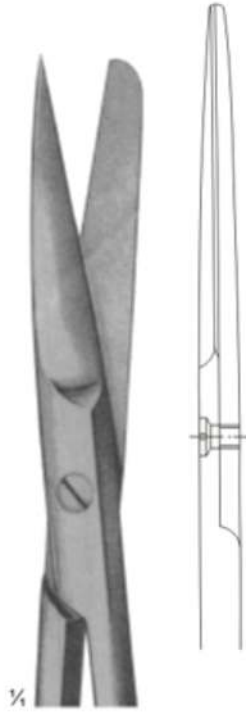
03-165 130 mm

03-166 130 mm

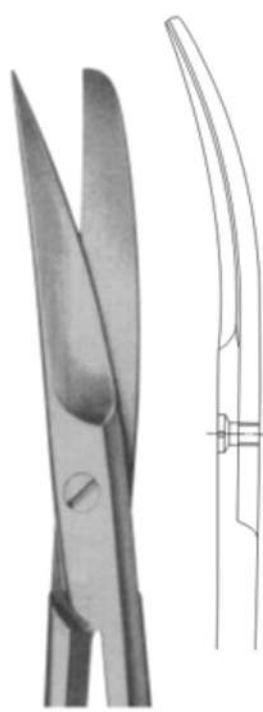
Surgical Scissors



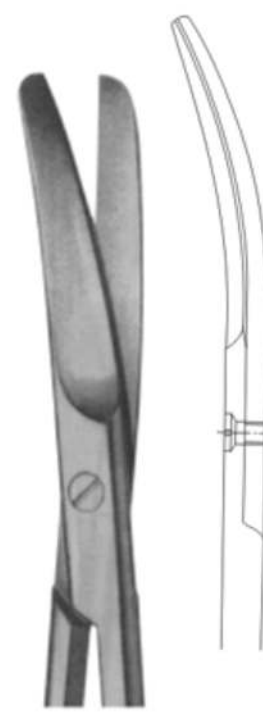
03-167 - 169
DEAVER
with flat lock



03-167
Size: 145 mm



03-168
Size: 145 mm



03-169
Size: 145 mm



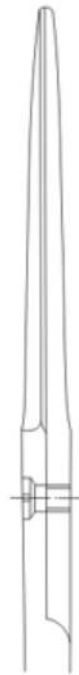
03-170 - 172
Incision scissors



03-170
Size: 130 mm



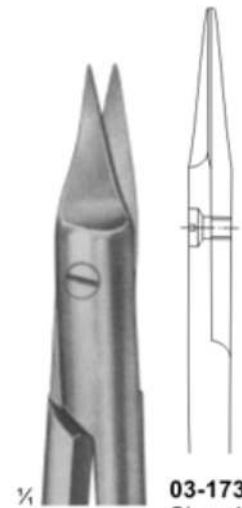
03-171
Size: 145 mm



03-172
Size: 165 mm

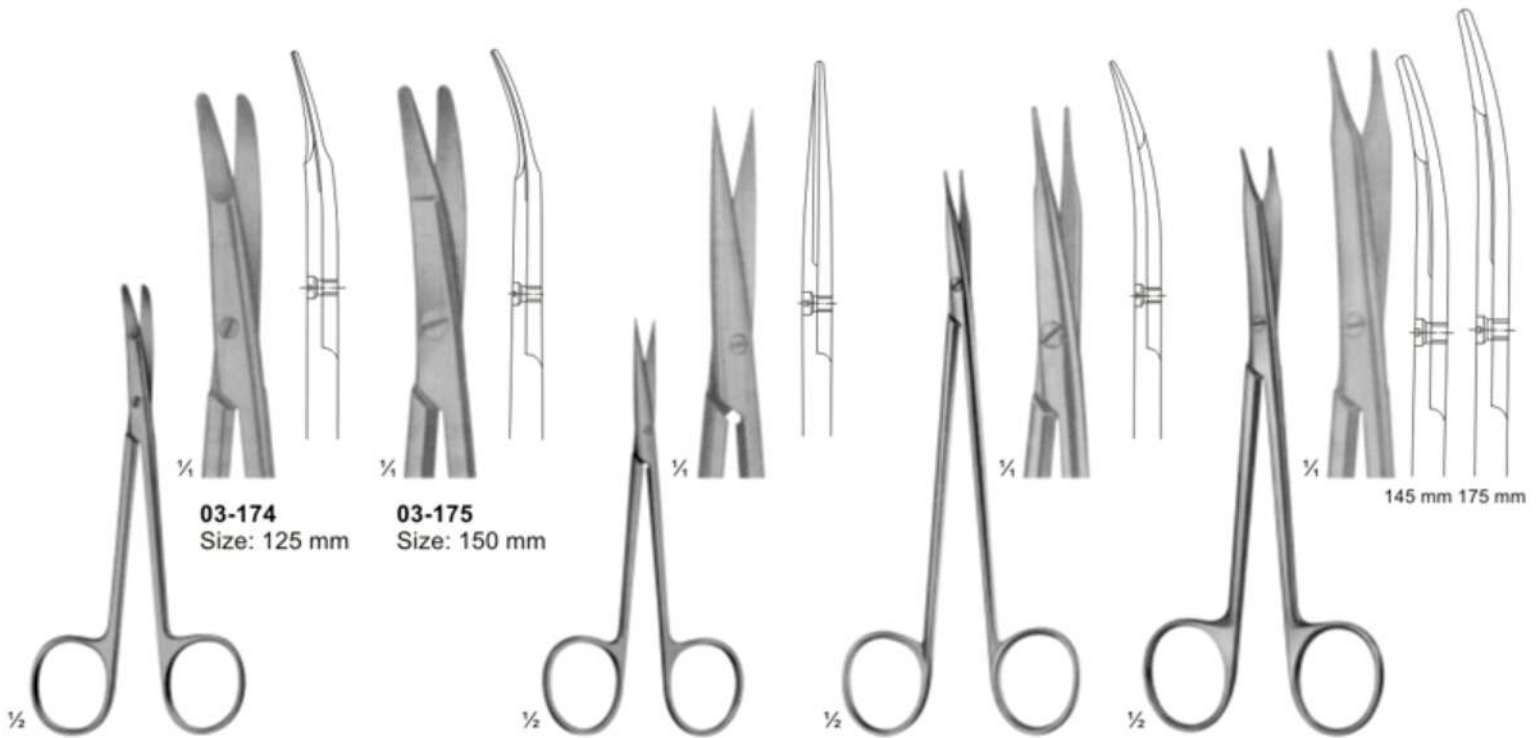


03-173
SYSTRUNK
Nail splitting scissors



03-173
Size: 130 mm

Dissecting Scissors

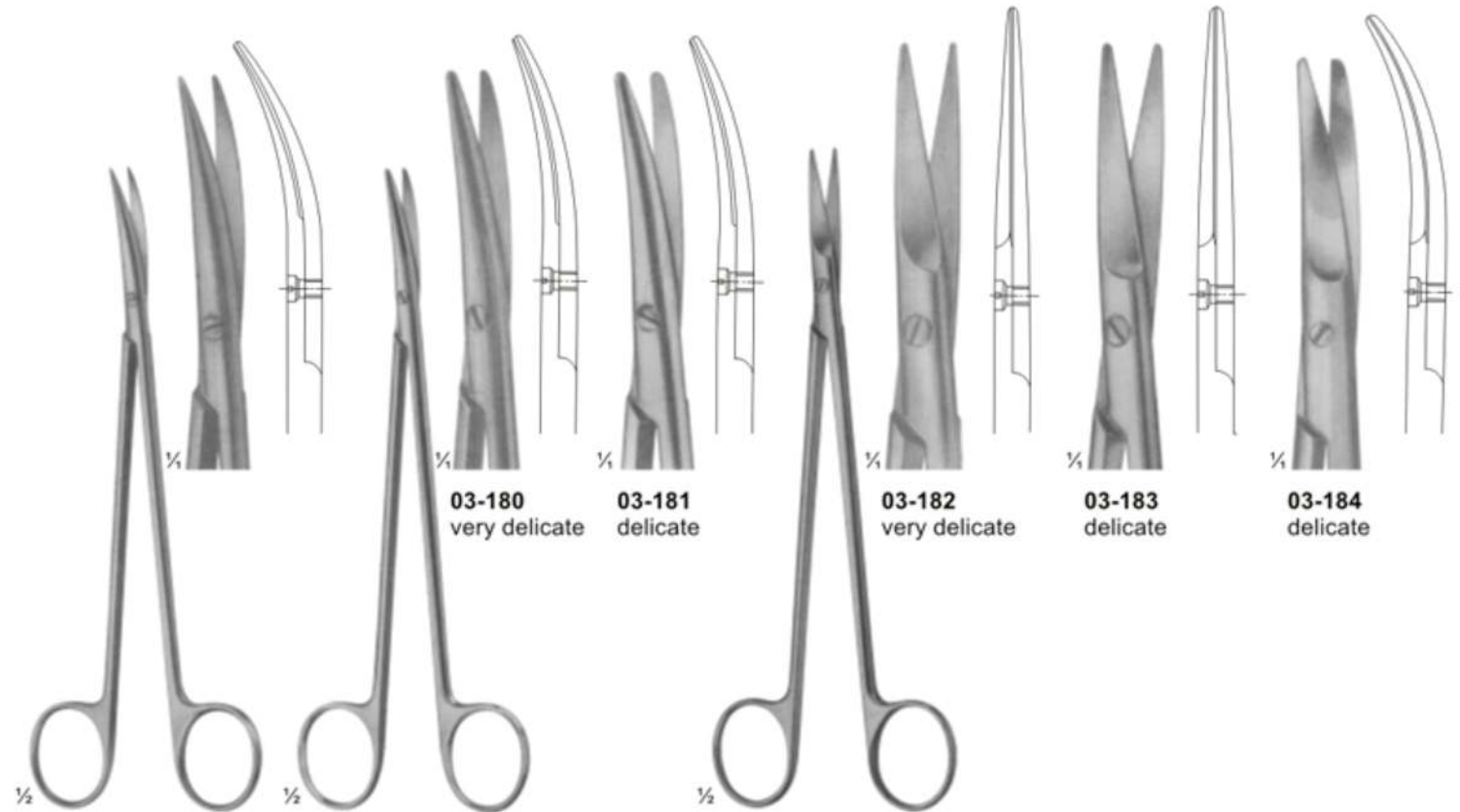


03-174 - 175
KILNER
Special flat points for dissecting and undermining the skin

03-176
KILNER
Fine dissecting scissors
Size: 115 mm

03-177
JAMESON
Dissecting scissors
Size: 150 mm

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

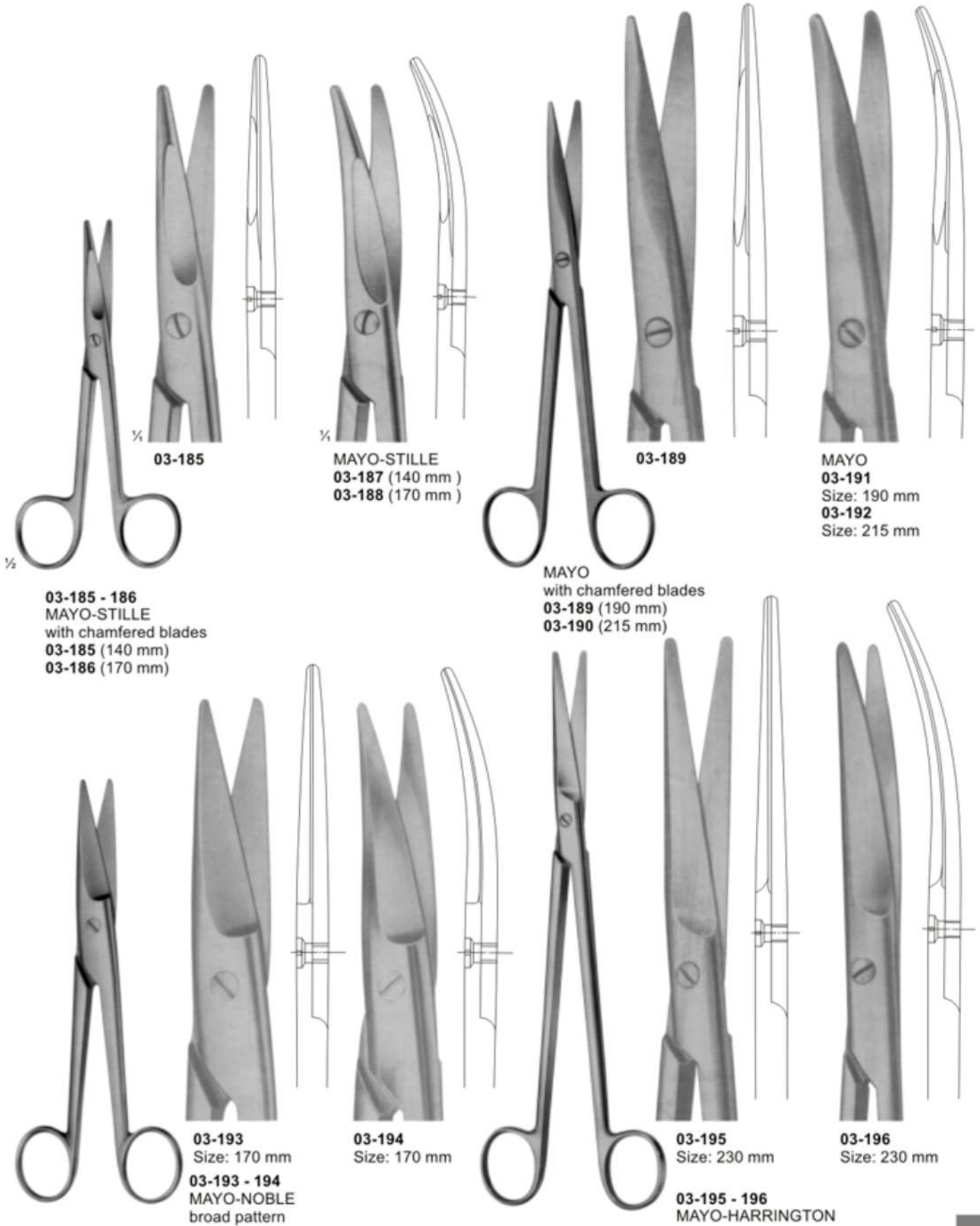


03-179
DE BAKEY
Arteriotomy scissors
Size: 175 mm

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

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

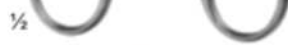
Dissecting Scissors



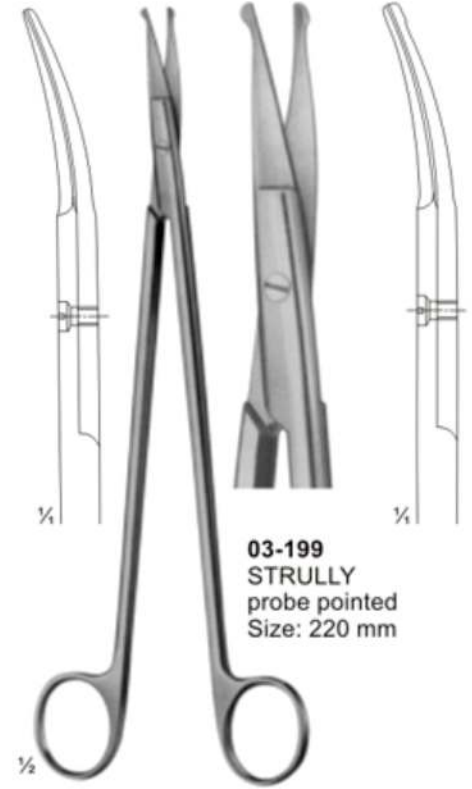
Scissors for Cardiovascular and Neuro-Surgery



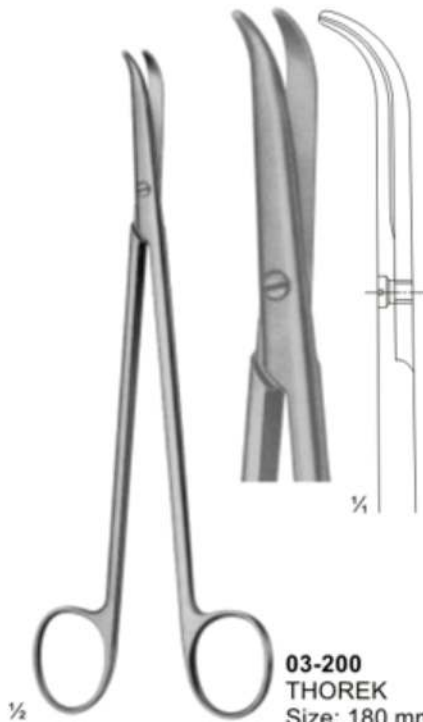
03-197
OLIVECRONA
Dura scissors



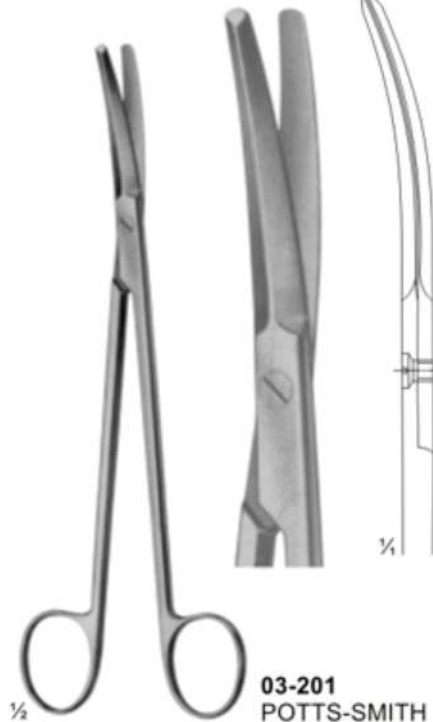
03-198
STRULLY
pointed
Size: 220 mm



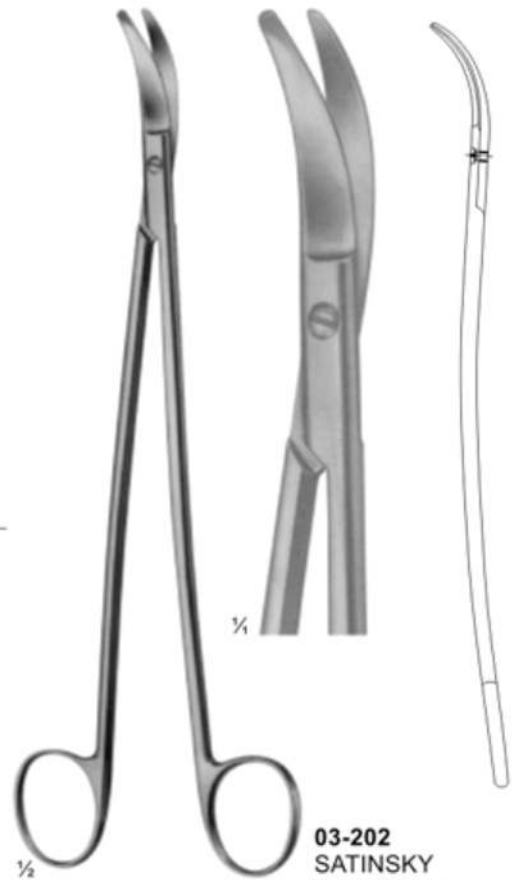
03-199
STRULLY
probe pointed
Size: 220 mm



03-200
THOREK
Size: 180 mm

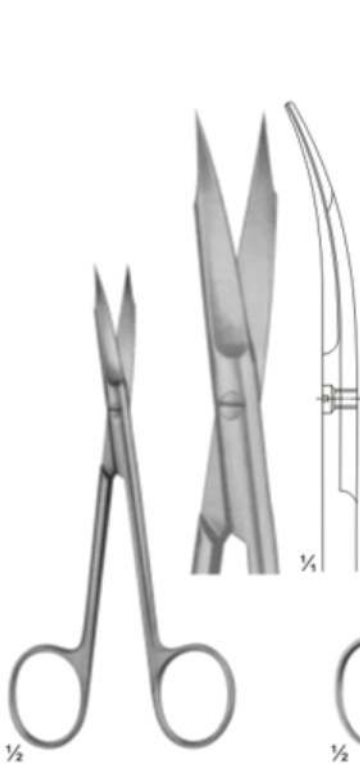


03-201
POTTS-SMITH
Size: 190 mm

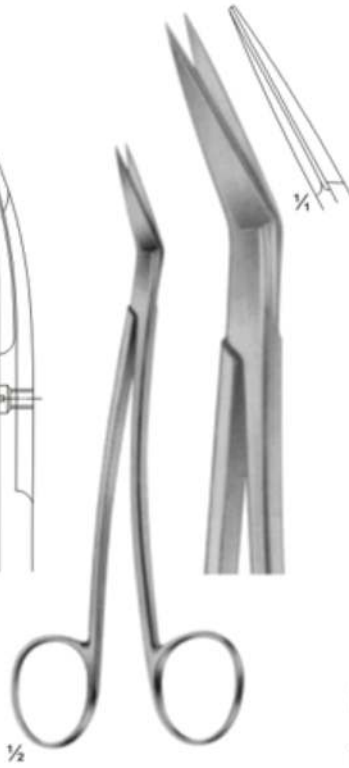


03-202
SATINSKY
Size: 245 mm

Delicate, Nasal and Tonsil Scissors



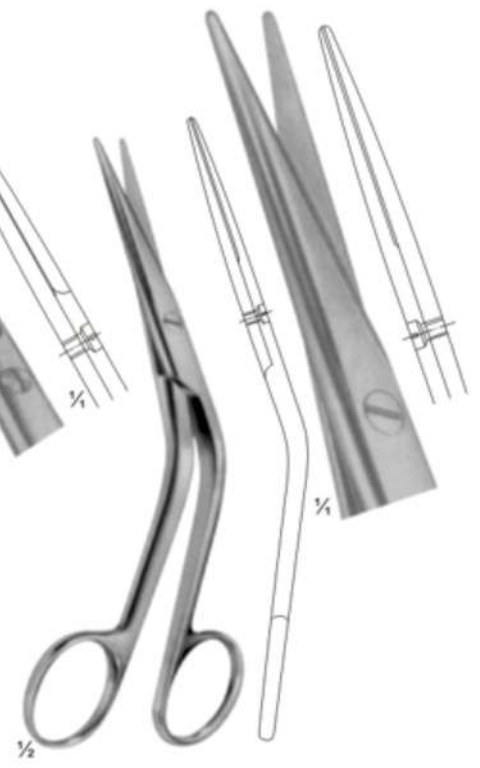
03-203
1 finely toothed blade
Size: 130 mm



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



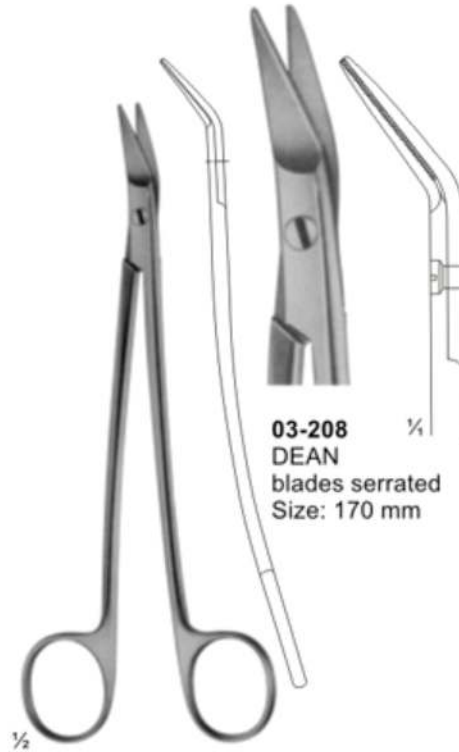
03-205
FOMON
blades serrated
Size: 145 mm



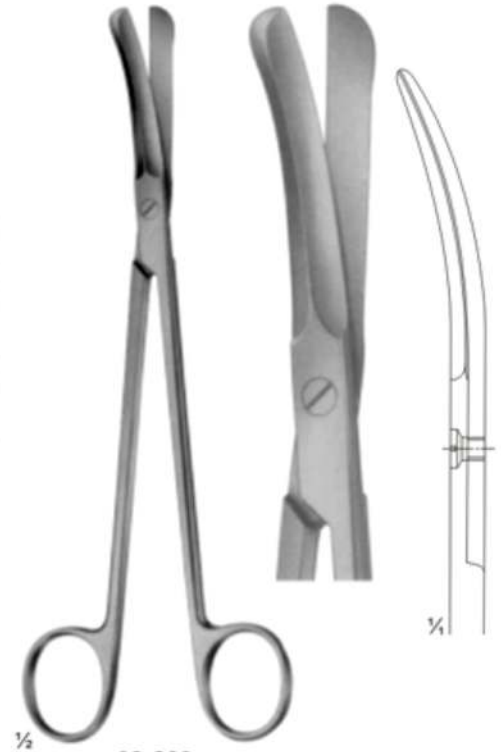
03-206
COTTLE
Size: 165 mm



03-207
HEYMANN-KNIGHT
Size: 175 mm

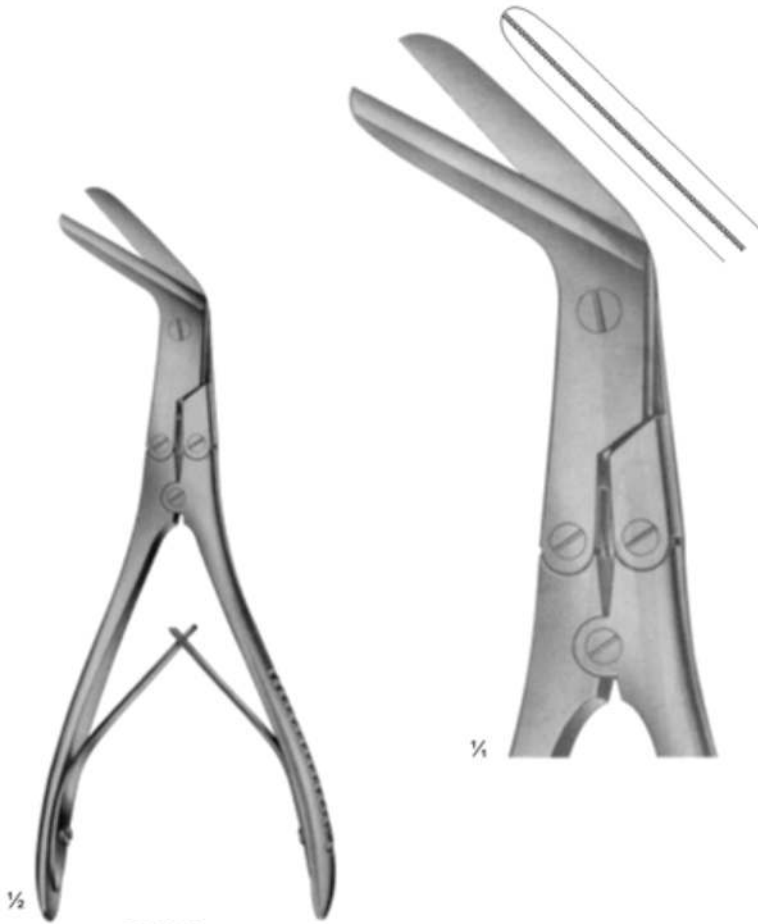


03-208
DEAN
blades serrated
Size: 170 mm



03-209
GOOD
Size: 195 mm

Bone Shears



03-210
 KILLIAN
 Size: 200 mm



03-211 - 03-212



03-211
 195 mm



1/2

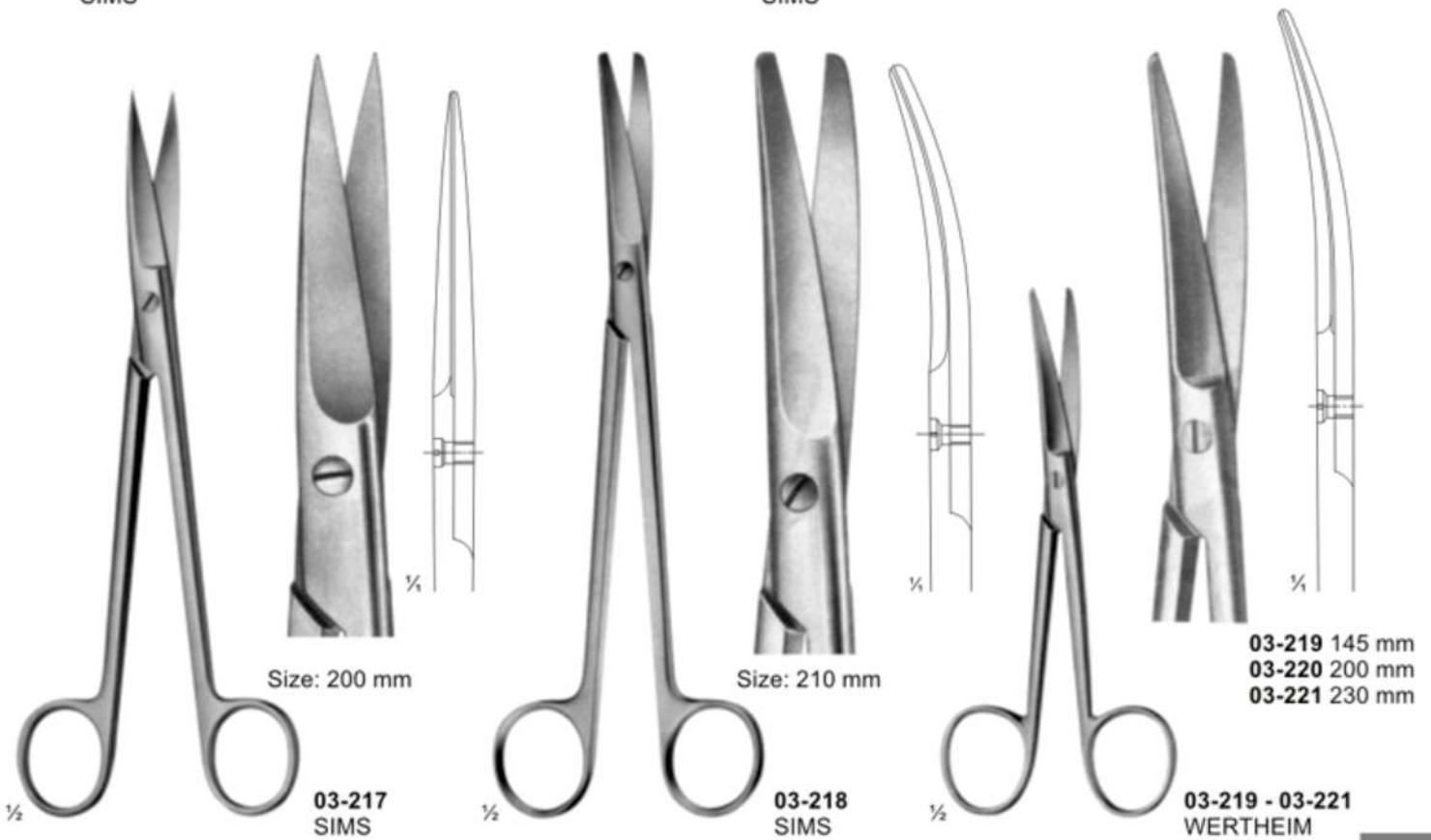
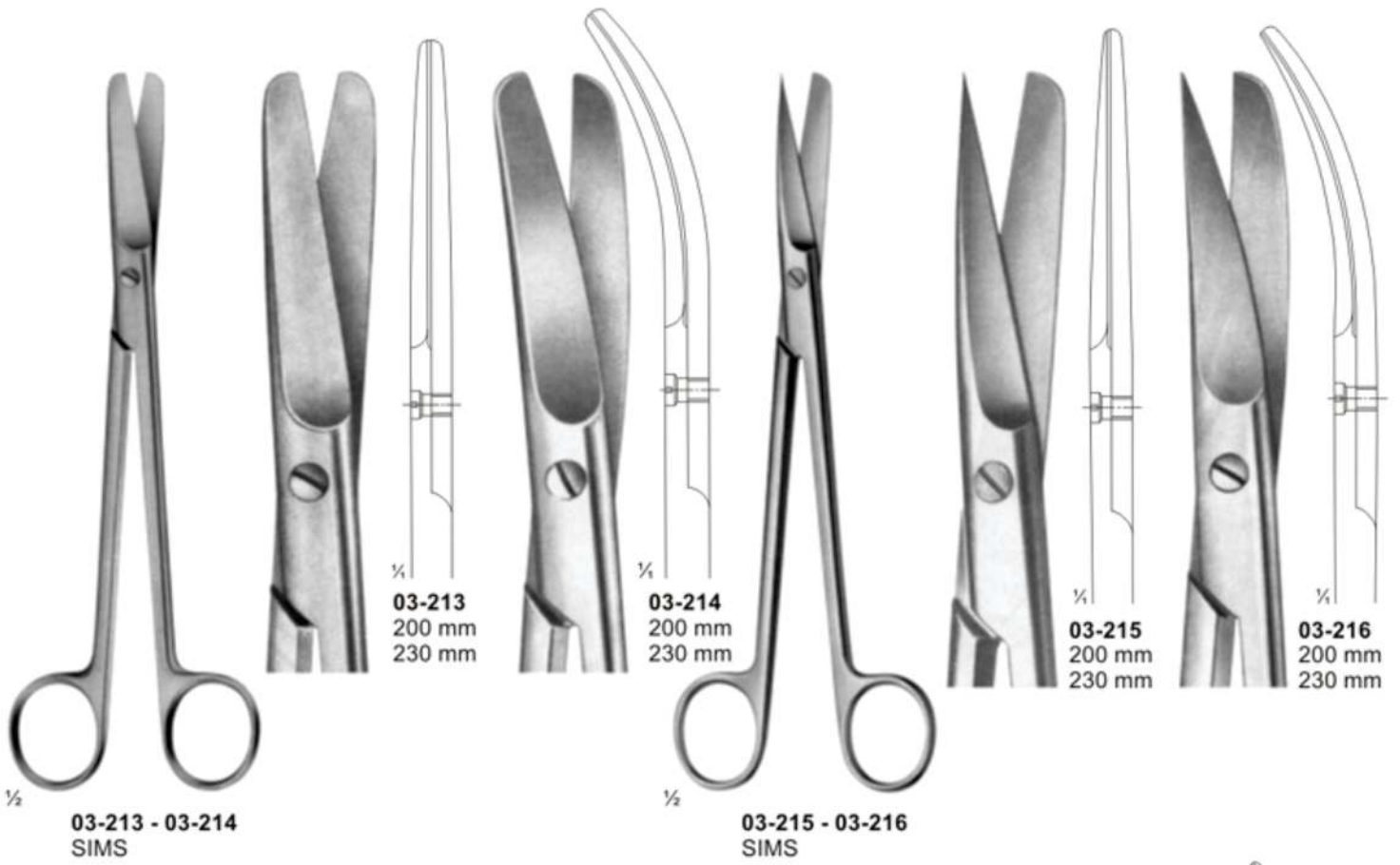


03-212
 225 mm



1/2

Scissors for deep operations and for Gynaecology



Scissors for Obstetrics



03-222
SCHUMACHER
Umbilical cord scissors
Size: 155 mm

03-223
Umbilical cord scissors
Size: 105 mm

03-224
Umbilical cord scissors

135 mm



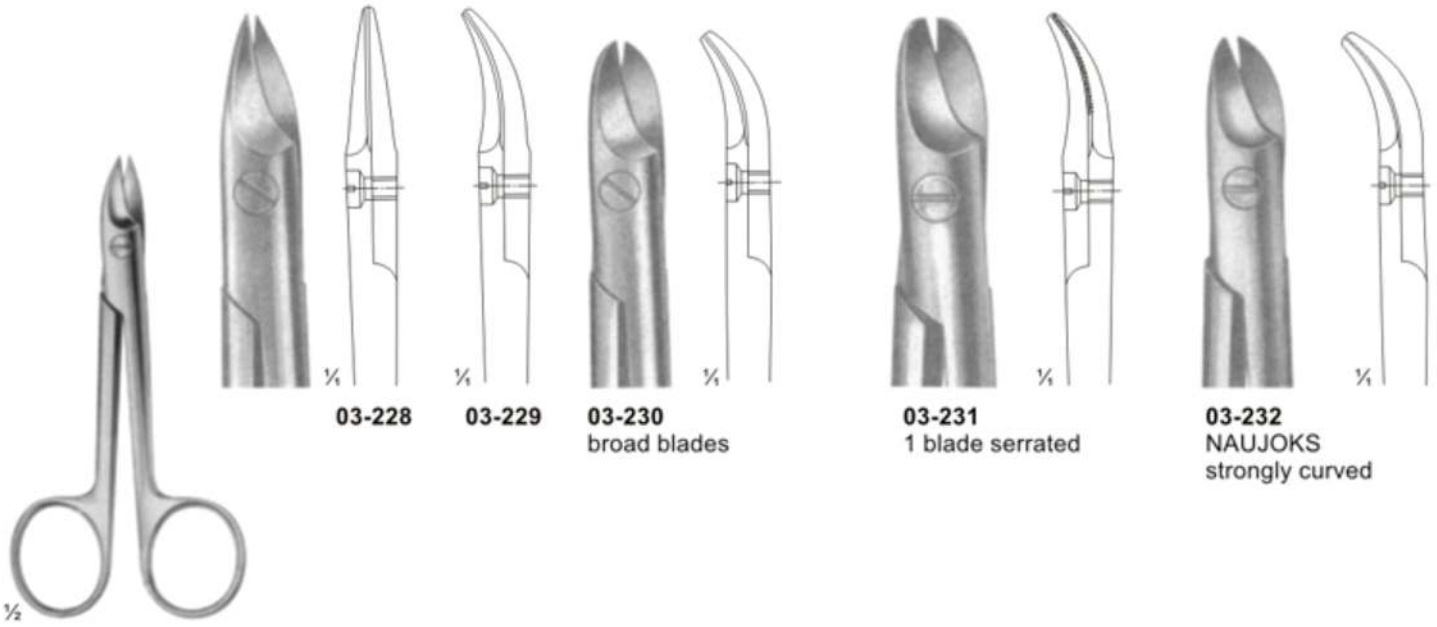
03-225 - 03-226
BRAUN-STADLER
Episiotomy scissors

03-225
145 mm

03-226
200 mm

03-227
Episiotomy scissors
240 mm

Wire and Plate Scissors



03-228

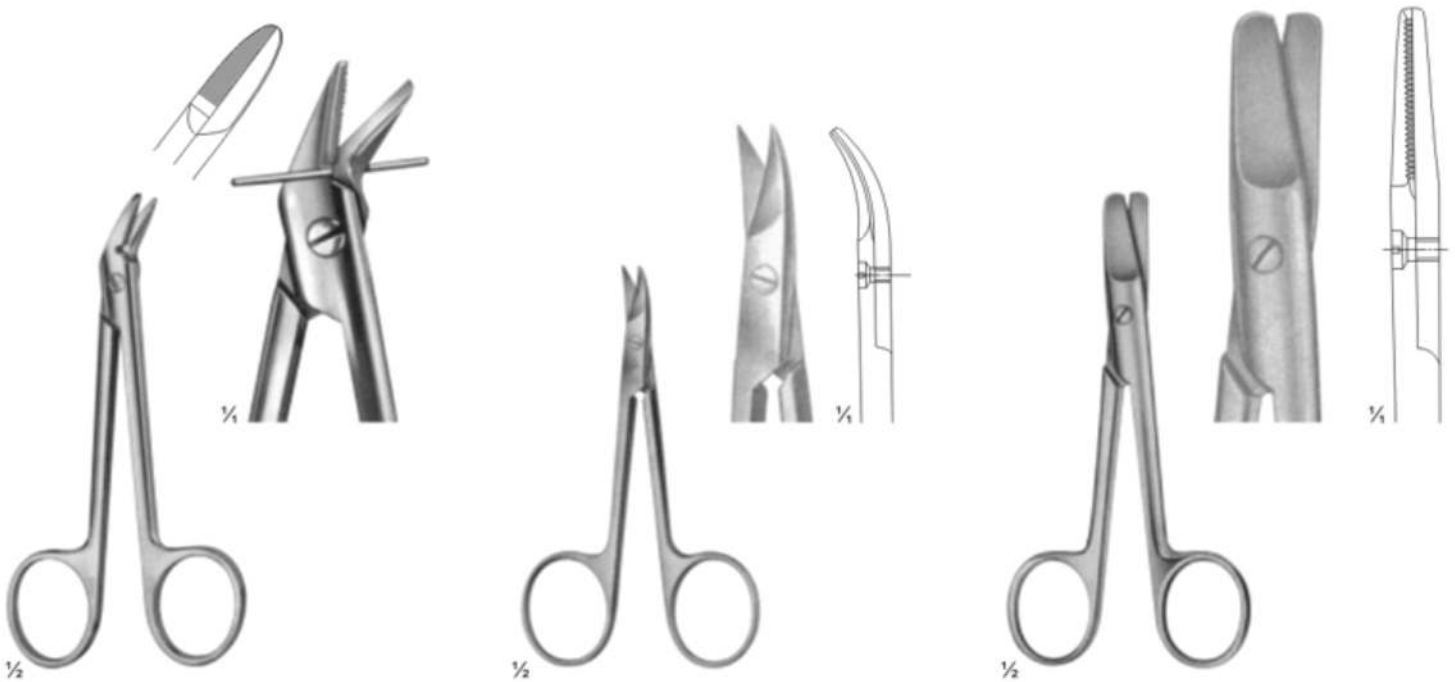
03-229

03-230
broad blades

03-231
1 blade serrated

03-232
NAUJOKS
strongly curved

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



03-233
1 blade serrated
Size: 120 mm

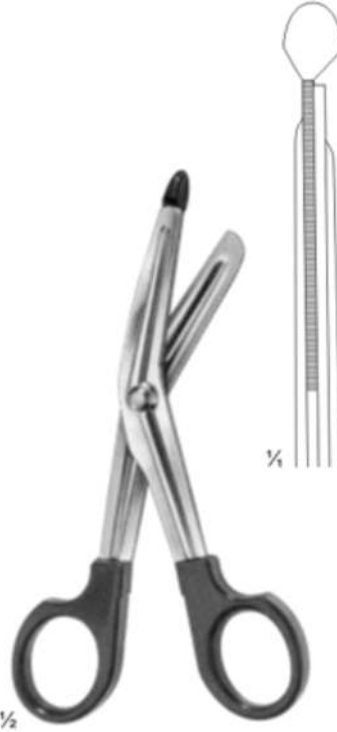
03-234
STRACK
Size: 100 mm

03-235
HARVEY
blades serrated
Size: 125 mm

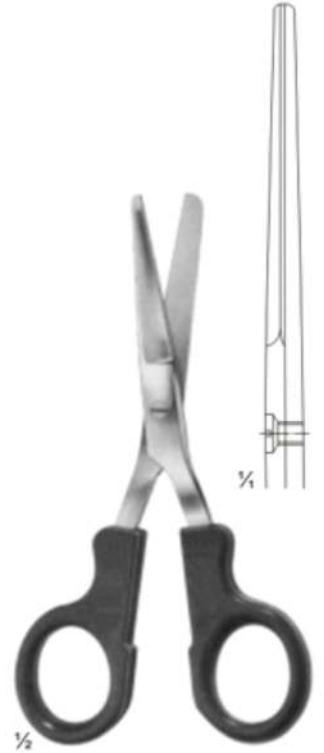
Bandage and Cloth Scissors



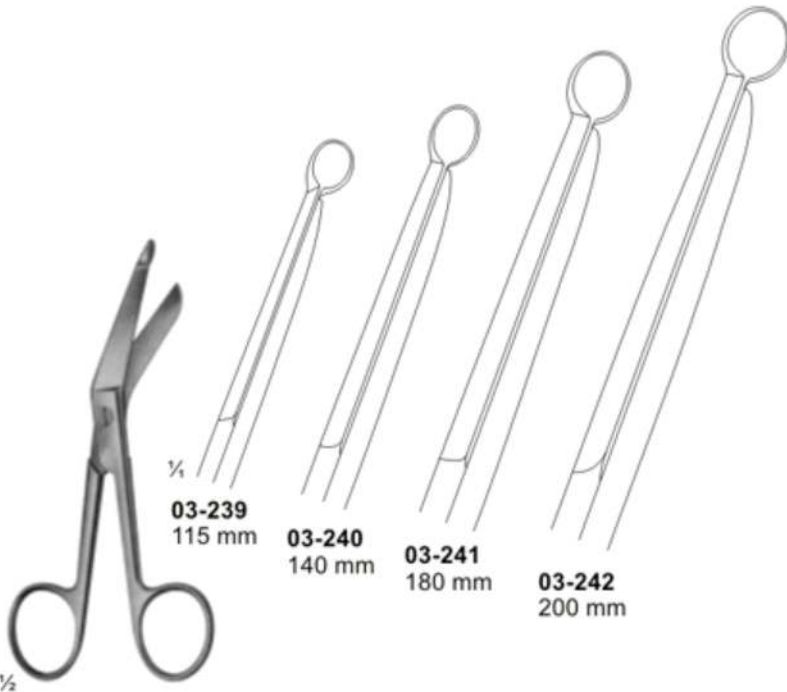
03-236
Universal bandage and cloth scissors,
with toothed edges
180 mm



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



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



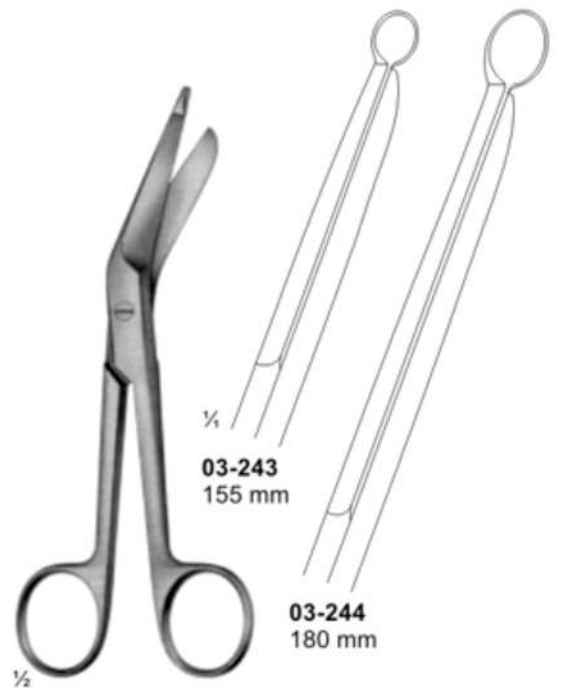
03-239 - 03-242
LISTER

03-239
115 mm

03-240
140 mm

03-241
180 mm

03-242
200 mm



03-243 - 03-244
LISTER

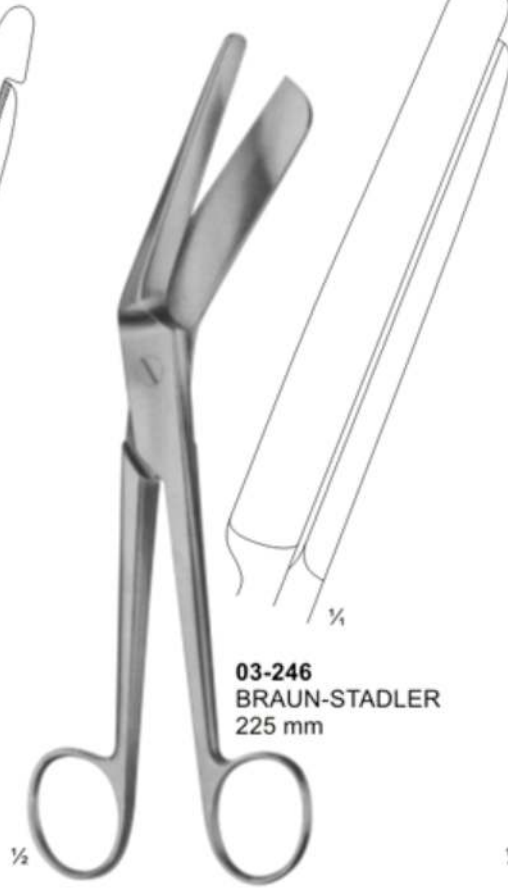
03-243
155 mm

03-244
180 mm

Bandage-, Cloth-, and Plaster Scissors



03-245
CLOTH SCISSORS
205 mm



03-246
BRAUN-STADLER
225 mm

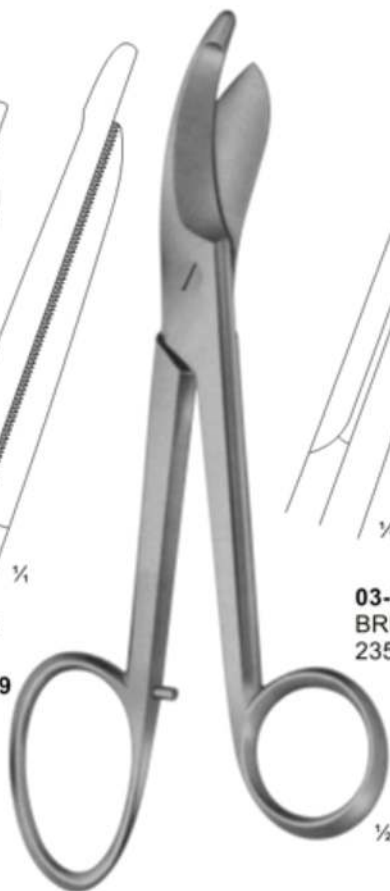


03-247
SEUTIN
230 mm



03-248 200 mm
03-249 230 mm

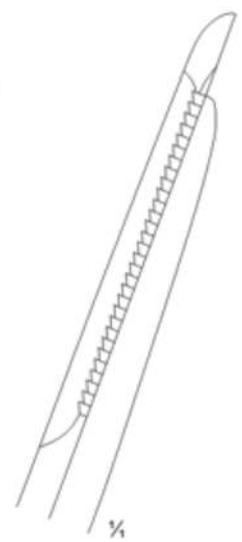
03-248 - 03-249
ESMARCH



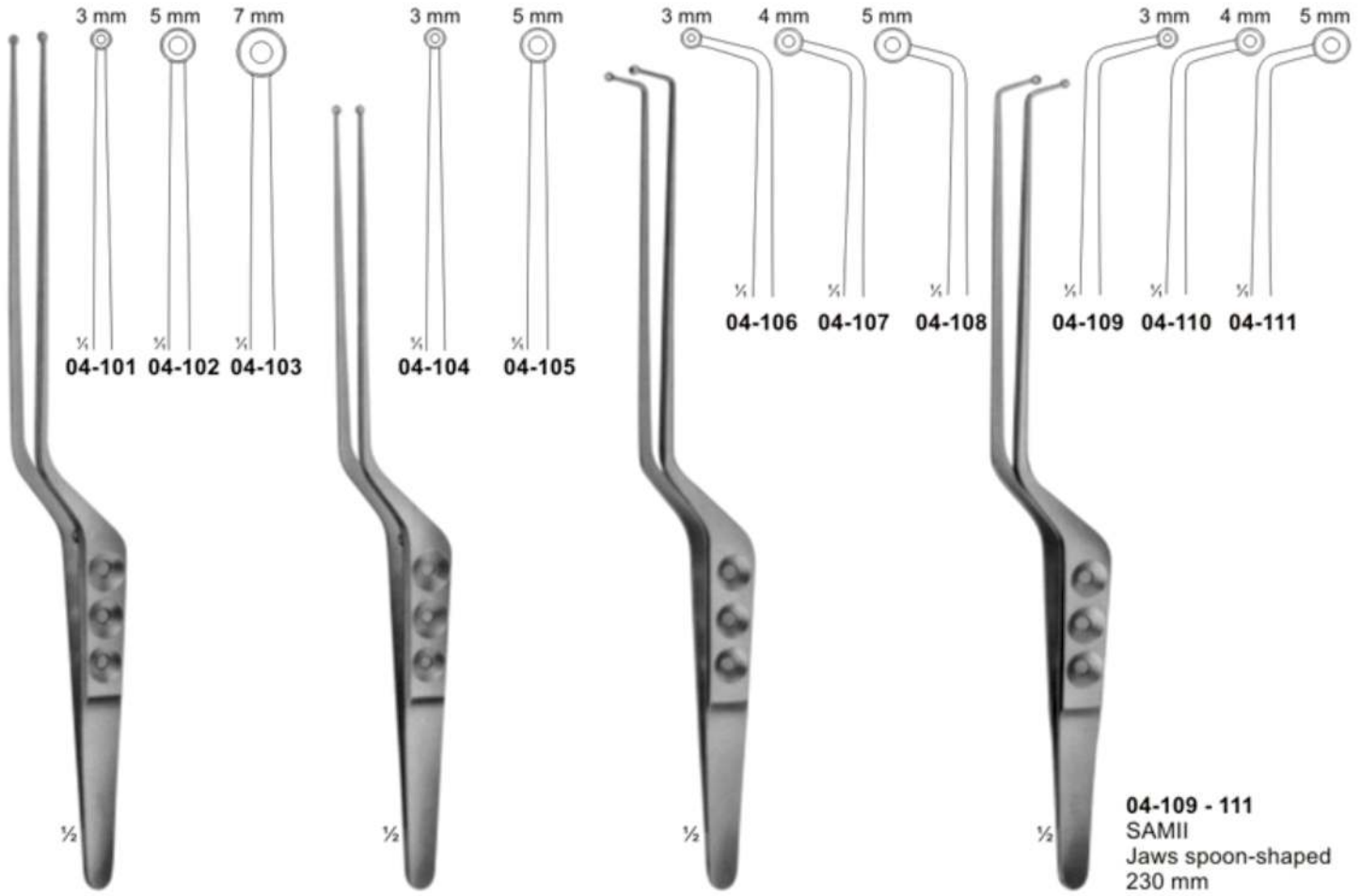
03-250
BRUNS
235 mm



03-251
Bandage Scissors
235 mm



Forceps for grasping tissue, tumors etc.

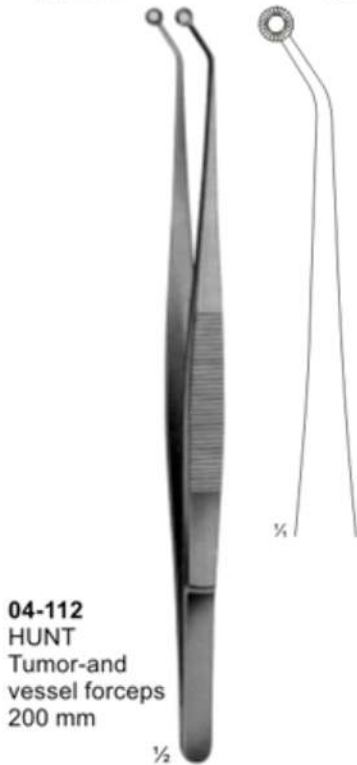


04-101 - 103
YASARGIL-SAMII
Jaws spoon-shaped
240 mm

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

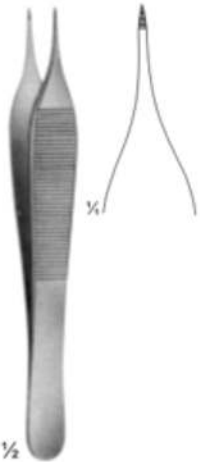


04-113
HUNT
Tumor-and
vessel forceps
200 mm

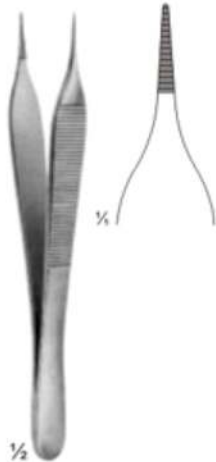


04-114
YASARGIL
Tumor-and
vessel forceps
200 mm

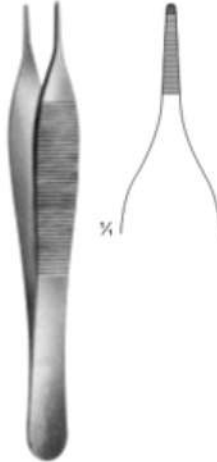
Delicate Dissecting, Microscopic, Sterilizing Forceps



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



04-119



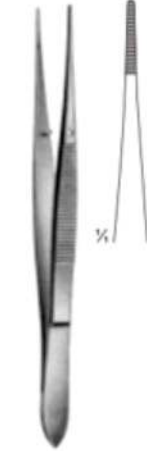
04-120



04-121



04-122
BONACCOLTO
110 mm



04-123
115 mm



04-124 - 133



04-124
90 mm



04-125
105 mm



04-126
115 mm



04-127
130 mm



04-128
145 mm



04-129
90 mm



04-130
105 mm



04-131
115 mm



04-132
130 mm



04-133
145 mm



04-134
100 mm



04-135
100 mm



04-136
100 mm

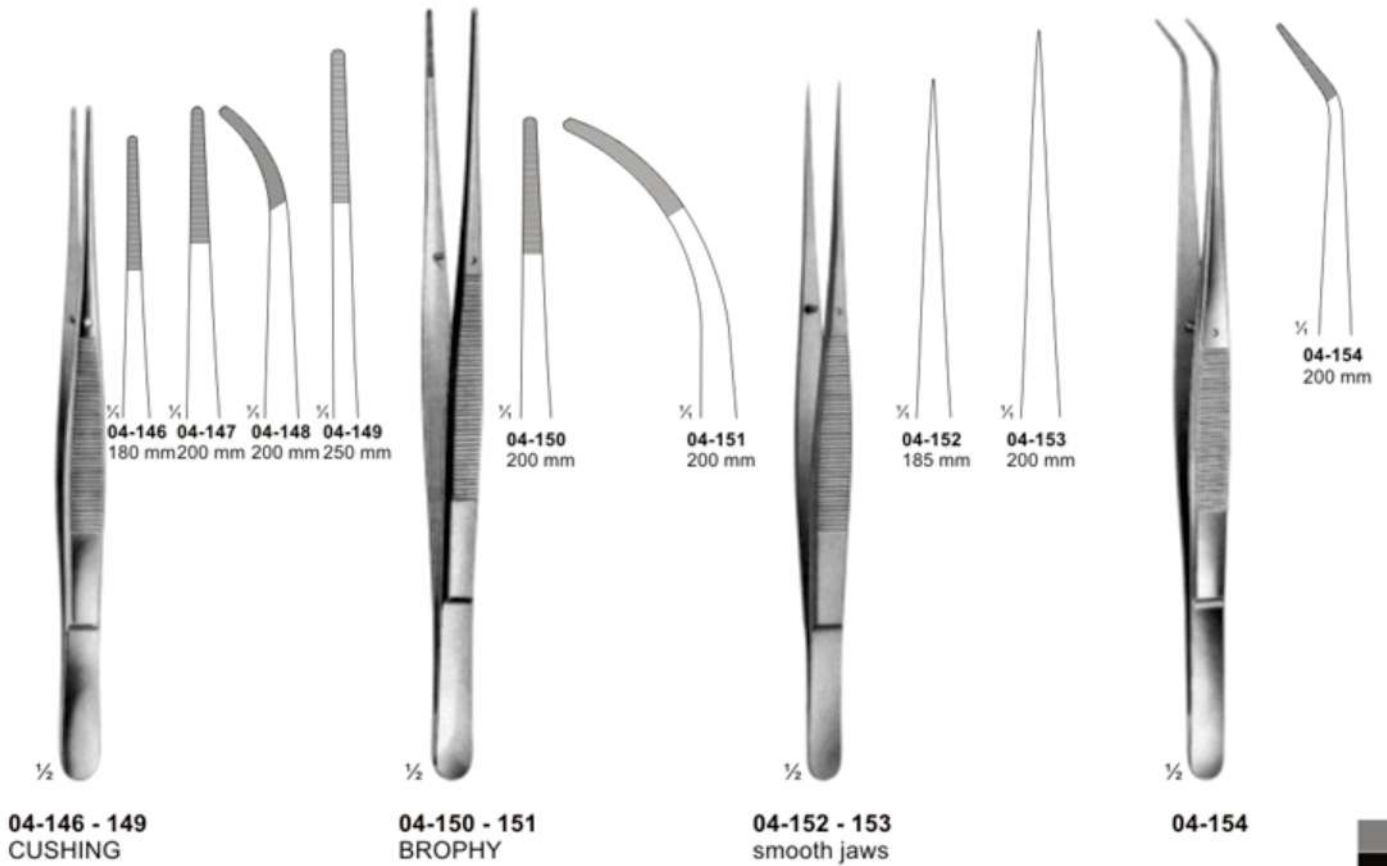
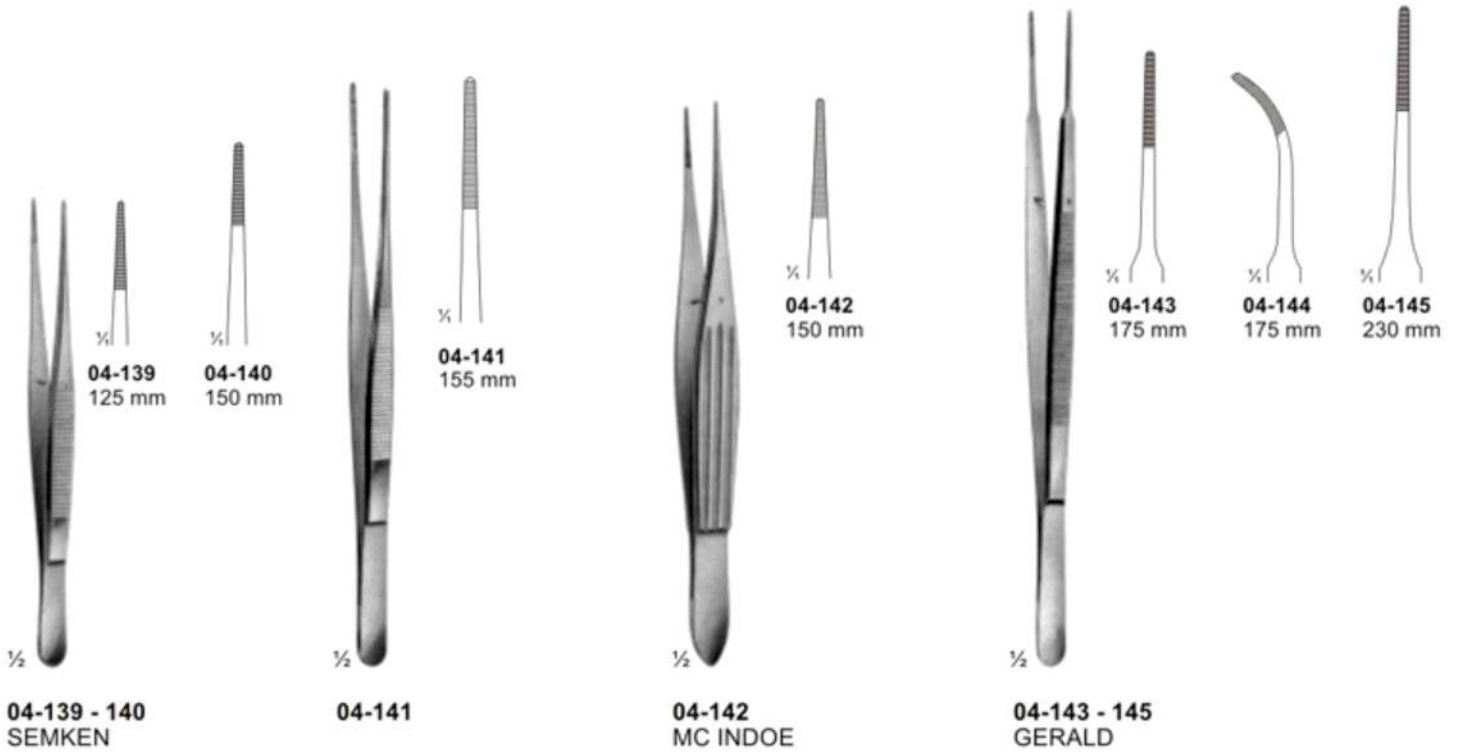


04-137
KUHNE
Cover glass forceps, 105 mm



04-138
160 mm

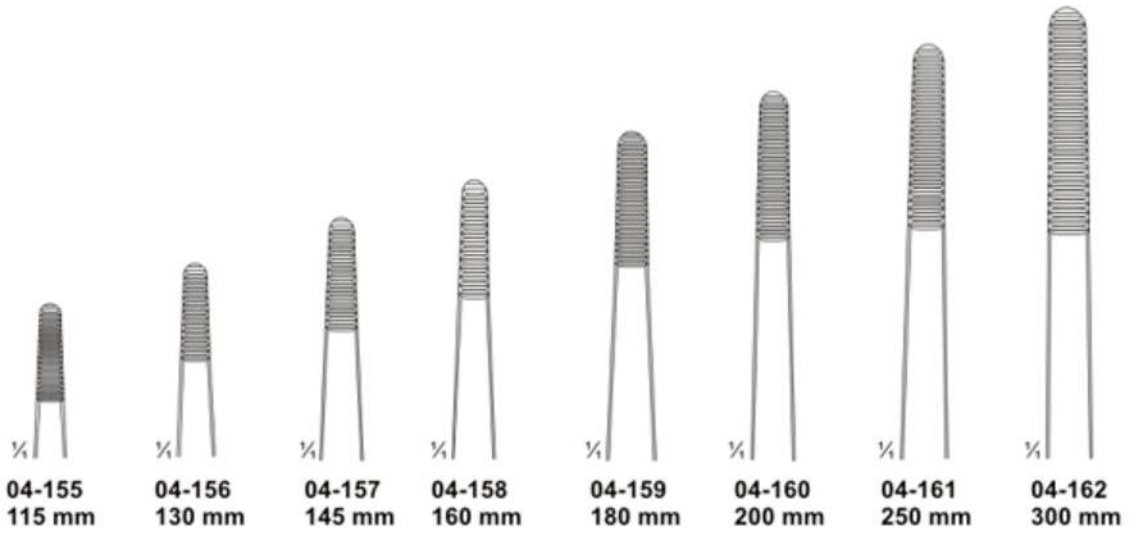
Delicate Dissecting Forceps



Dissecting Forceps



1/2



04-155 - 04-162
STANDARD



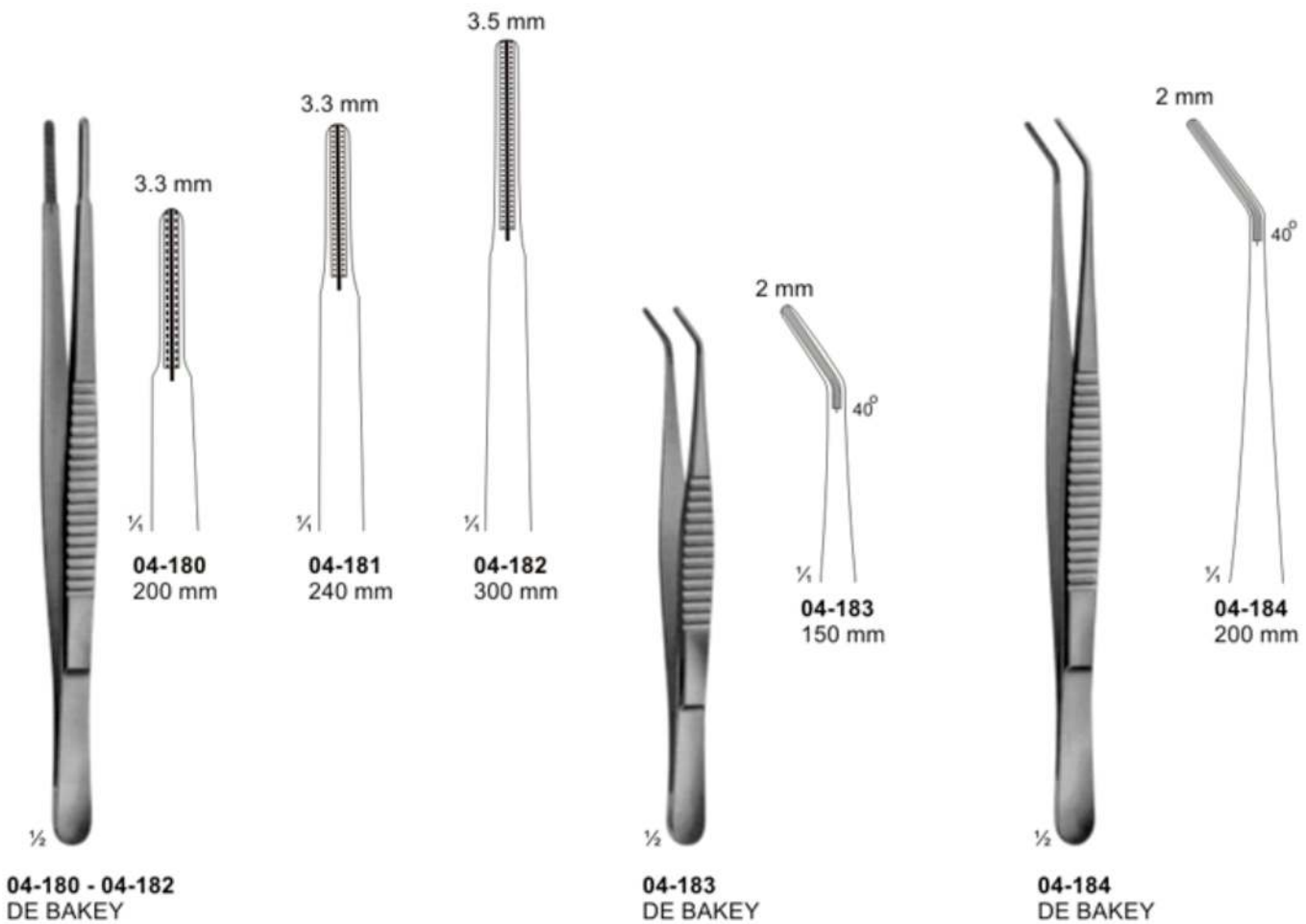
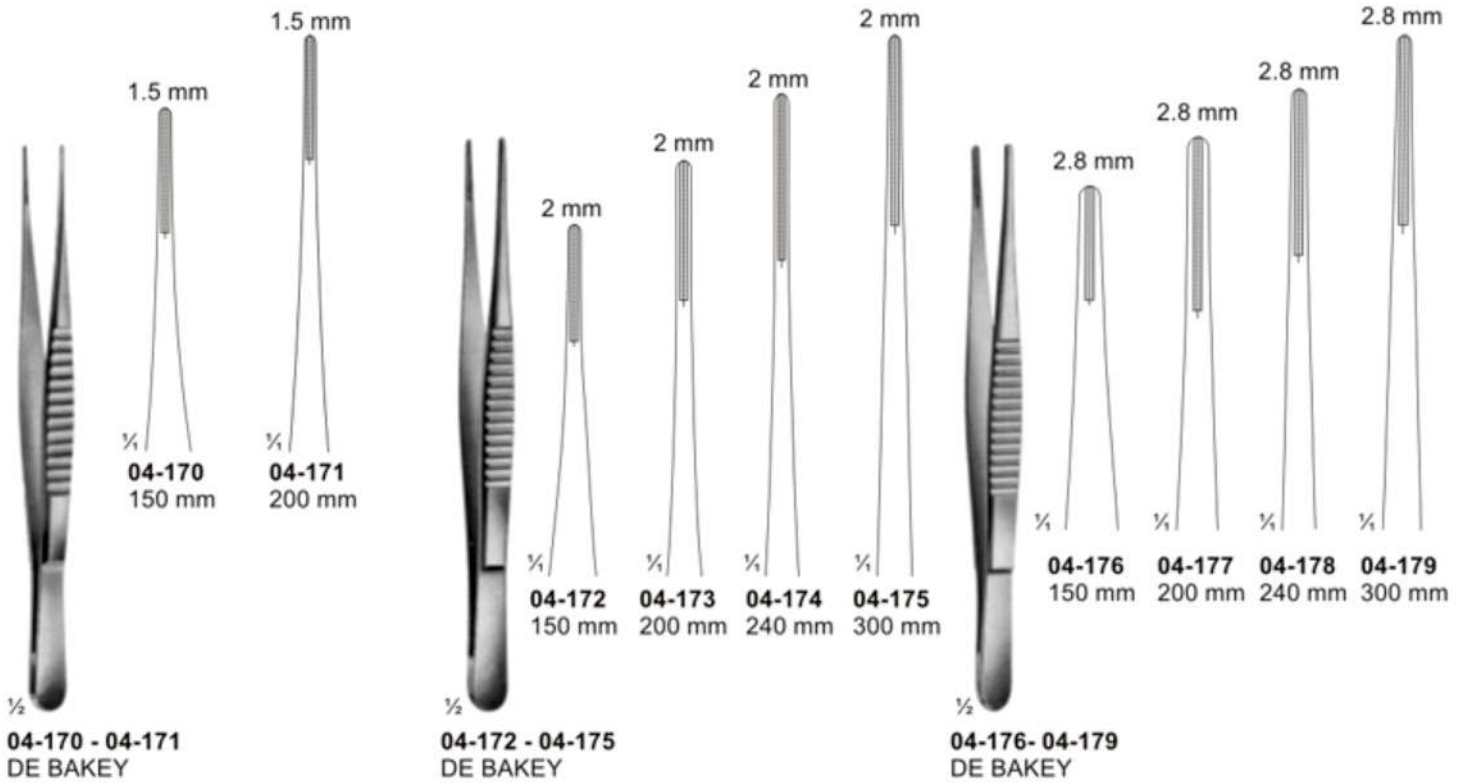
1/2



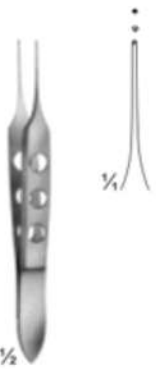
04-163 - 04-167
MEDIUM

04-168 - 04-169
MEDIUM

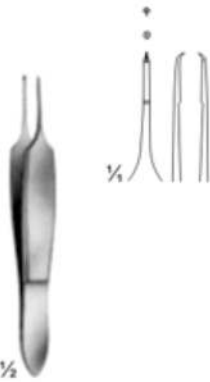
Forceps



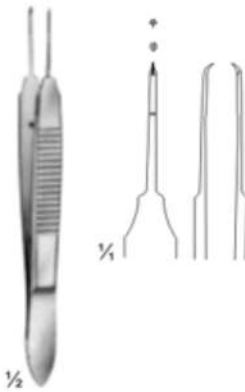
Delicate Tissue Forceps



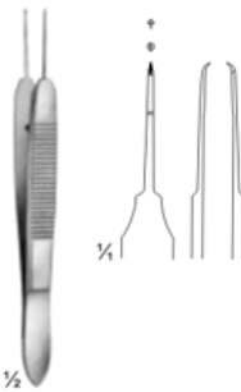
04-185
BISHOP-HARMON
85 mm



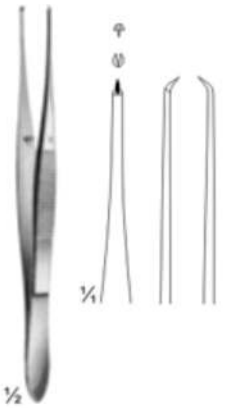
04-186
ST.MARTIN
80 mm



04-187
CASTROVIEJO
teeth 0.9 mm
100 mm



04-188
CASTROVIEJO
teeth 0.5 mm
100 mm



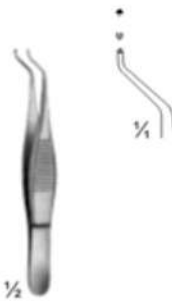
04-189
ELSCHING
110 mm



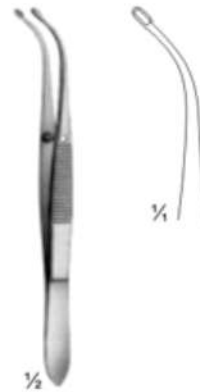
04-190
GILL
75 mm



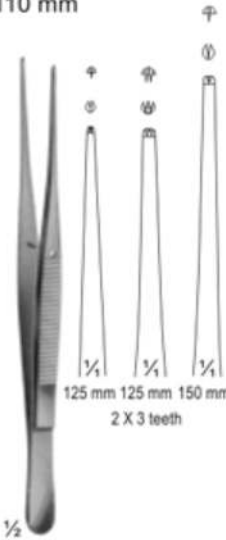
04-191
GILL - HESS
75 mm



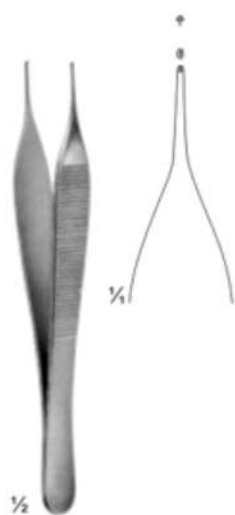
04-192
HESS
70 mm



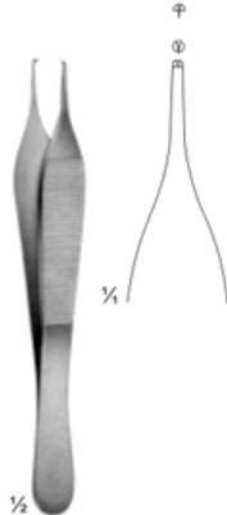
04-193
ARRUGA
100 mm



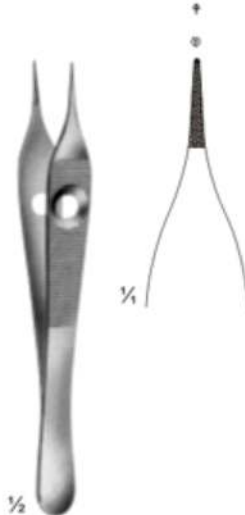
04-194
SEMKEN
125 mm 125 mm 150 mm
2 X 3 teeth



04-195
MICRO-ADSON
120 mm



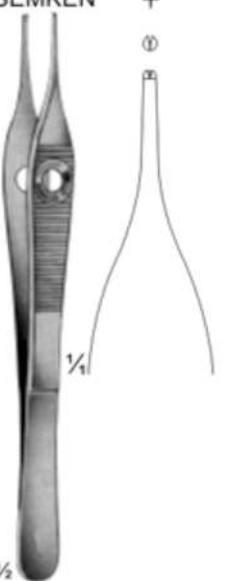
04-196
ADSON
120 mm



04-197
ADSON
120 mm

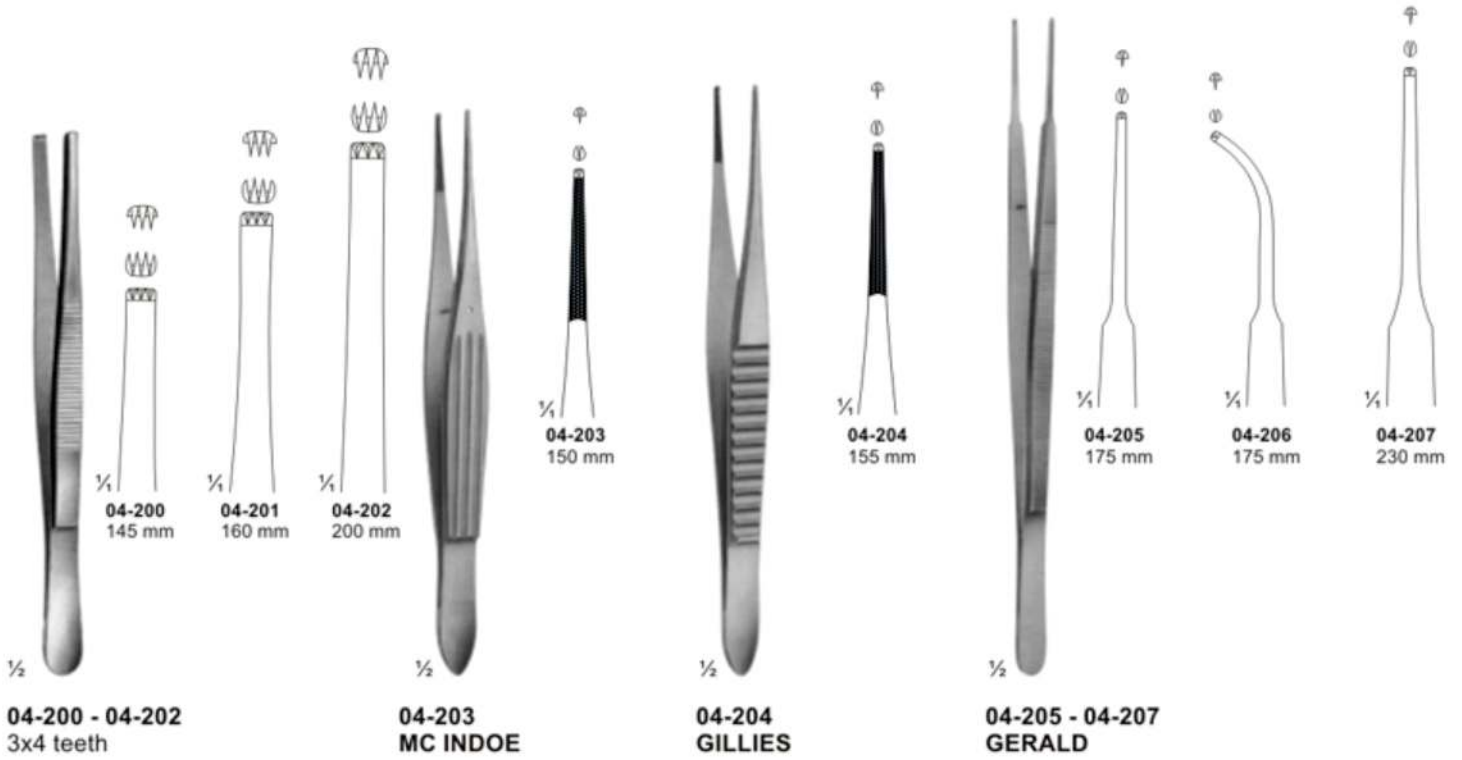


04-198
ADSON
120 mm

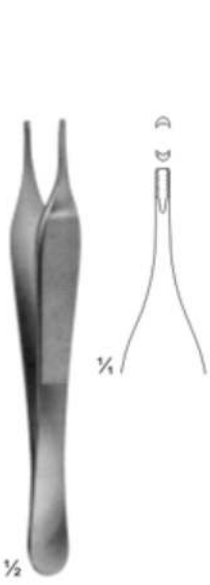


04-199
ADSON
150 mm

Tissue Forceps



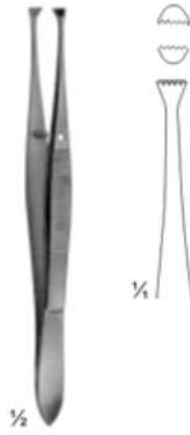
Tissue Forceps



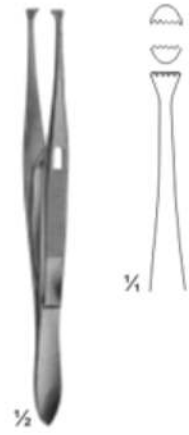
04-213
ADSON - BROWN
Non-traumatic
120 mm



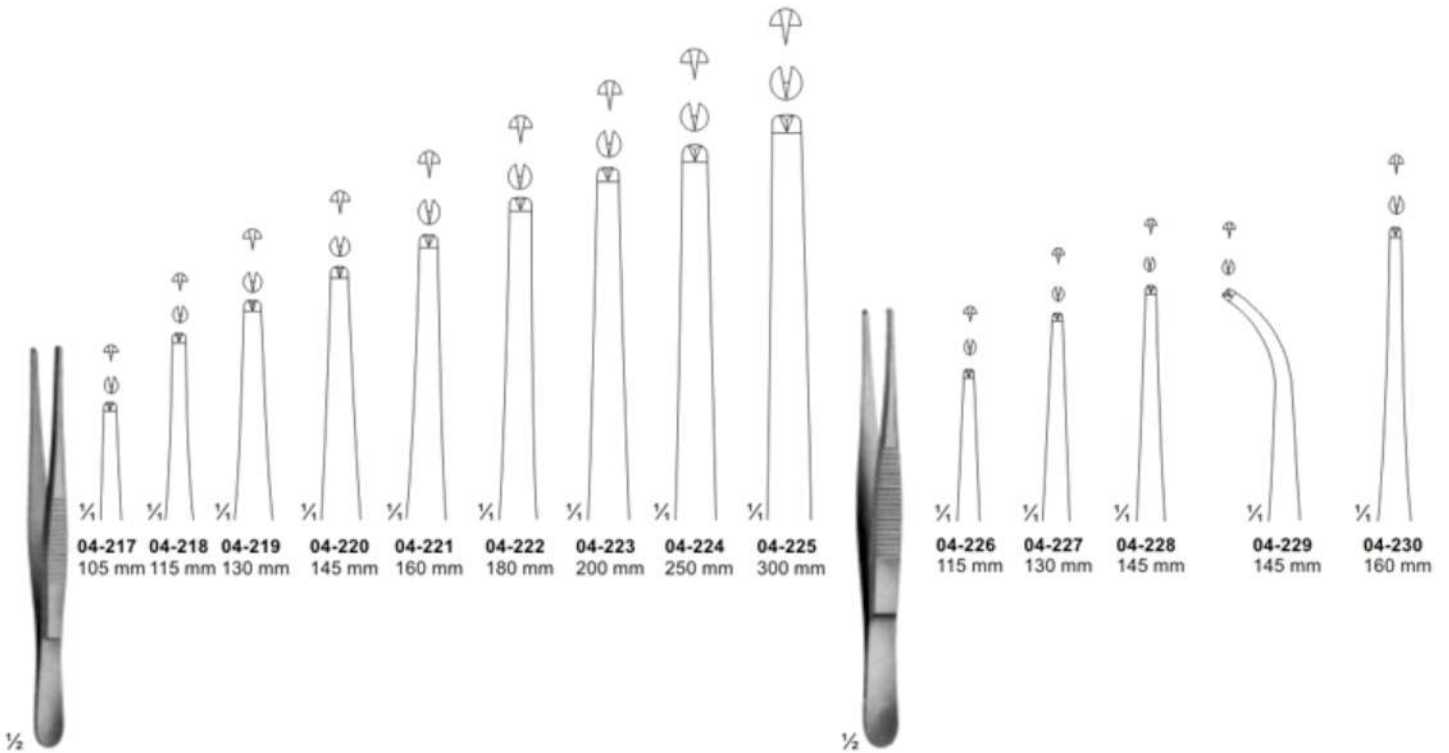
04-214
BROWN
120 mm



04-215
GRAEFE
110 mm



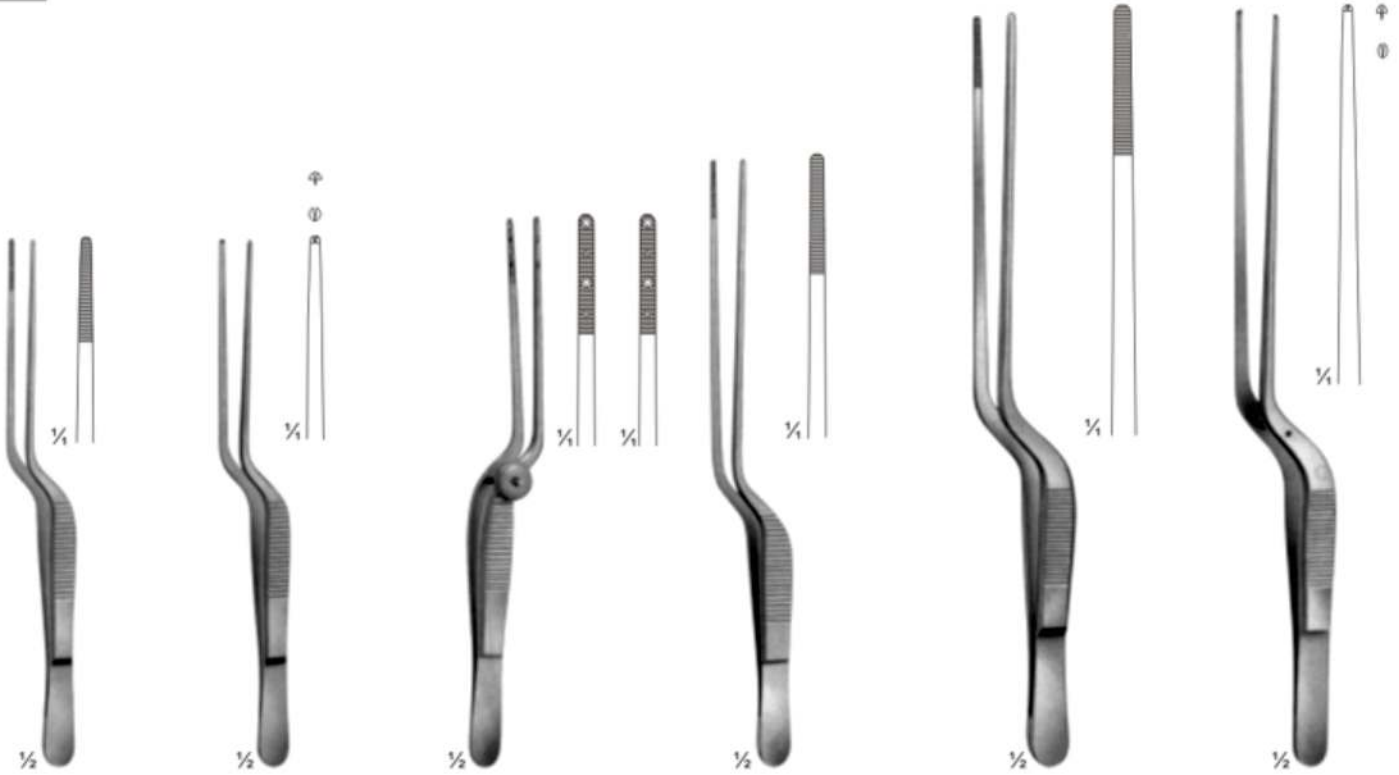
04-216
GRAEFE
With Catch
110 mm



04-217 - 04-225
STANDARD

04-226 - 04-230
GRAEFE
110 mm

Forceps, Bayonet - Shaped



04-231
LUCAE
140 mm

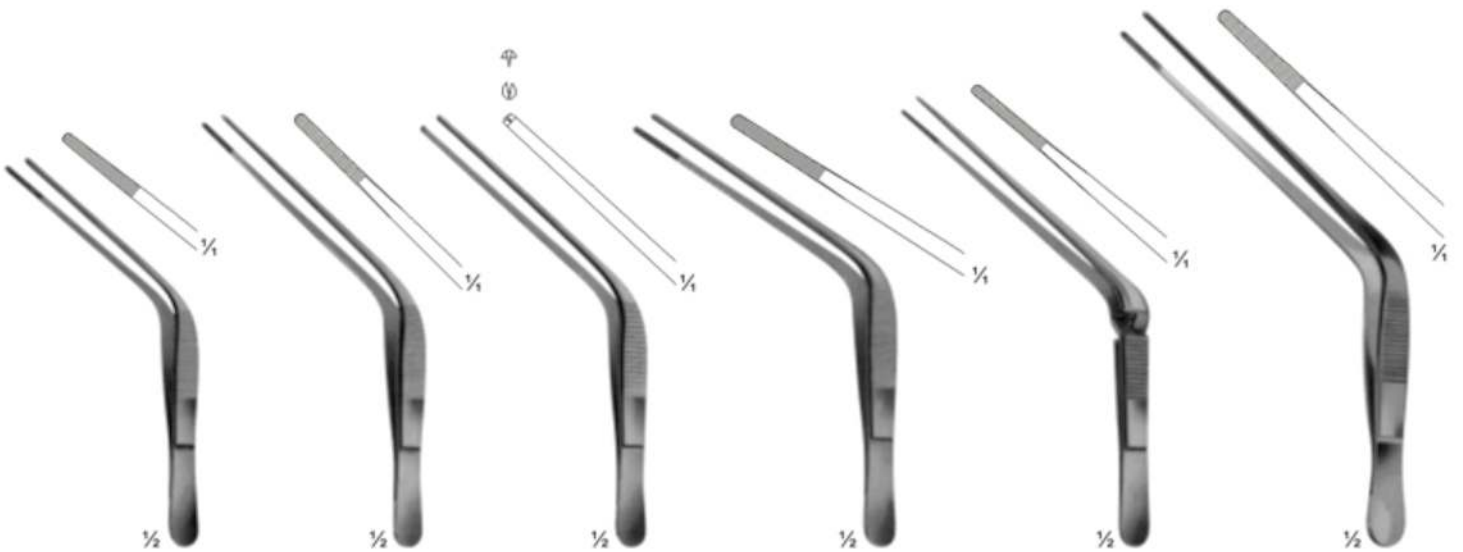
04-232
LUCAE
1x2 teeth
140 mm

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

04-234
JANSEN
160 mm

04-235
GRUENWALD
200 mm

04-236
1x2 teeth
200 mm



04-237
TROELTSCH
100 mm

04-238
TROELTSCH
115 mm

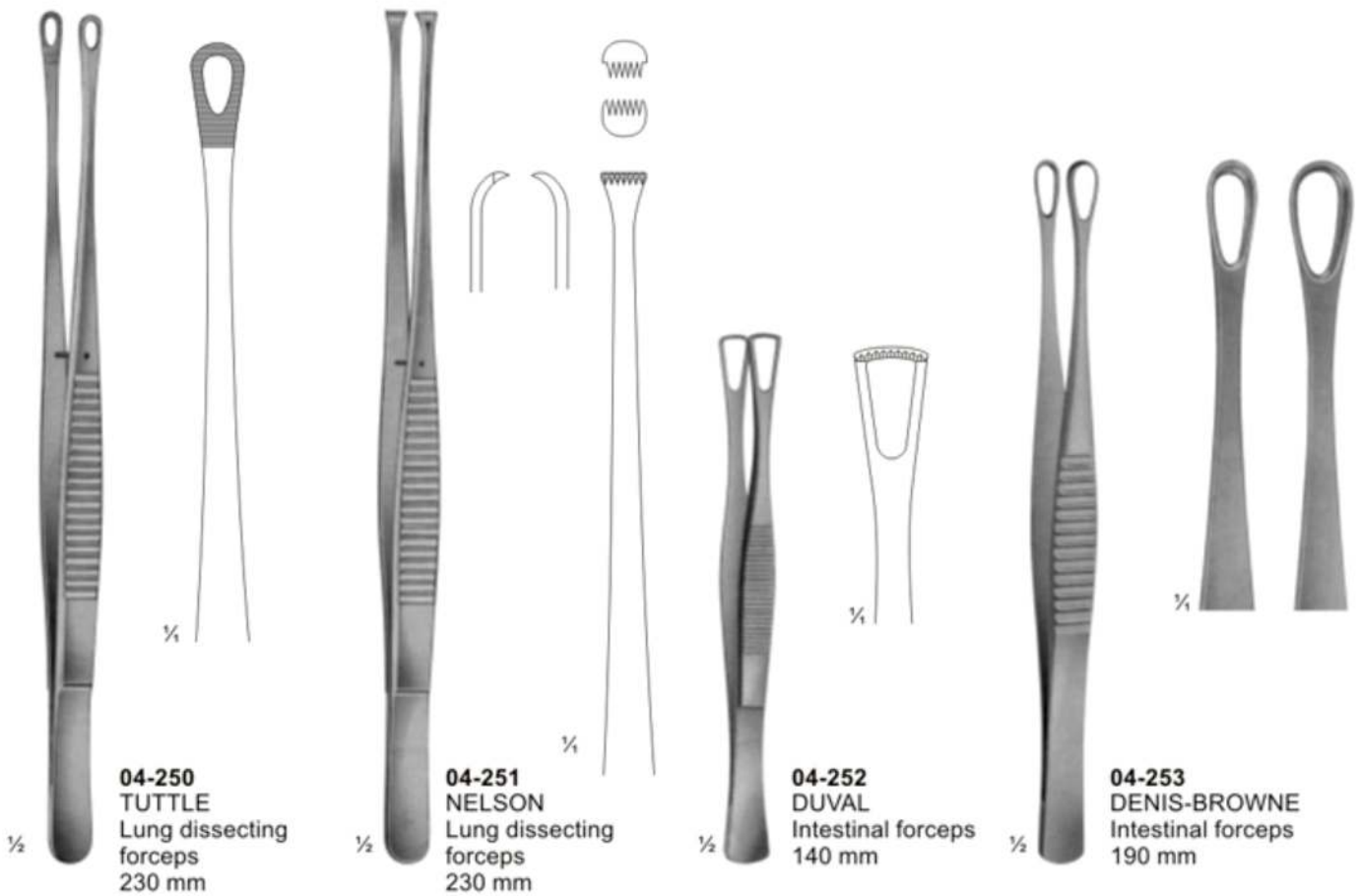
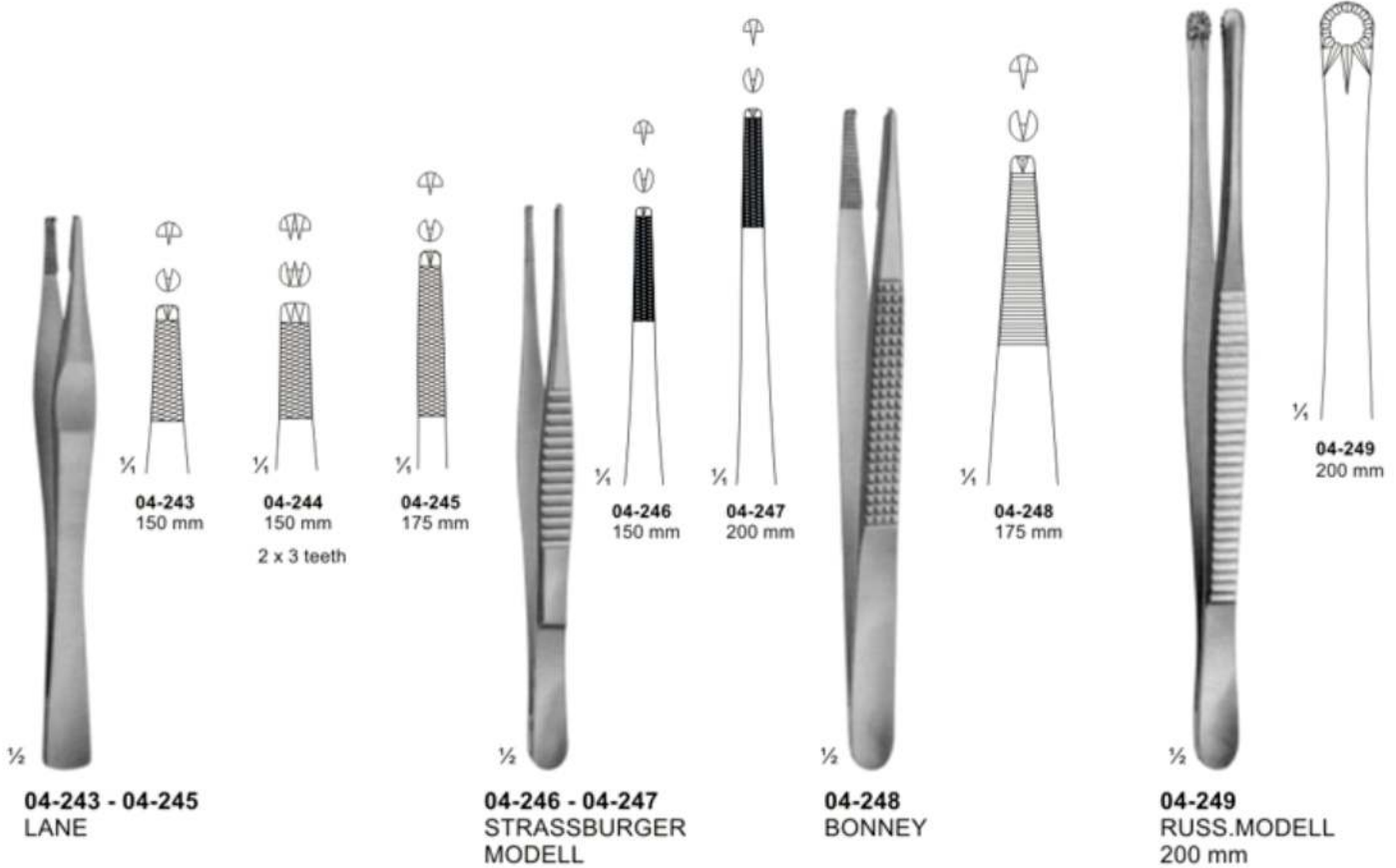
04-239
TROELTSCH
1X2 teeth
115 mm

04-240
WILDE
115 mm

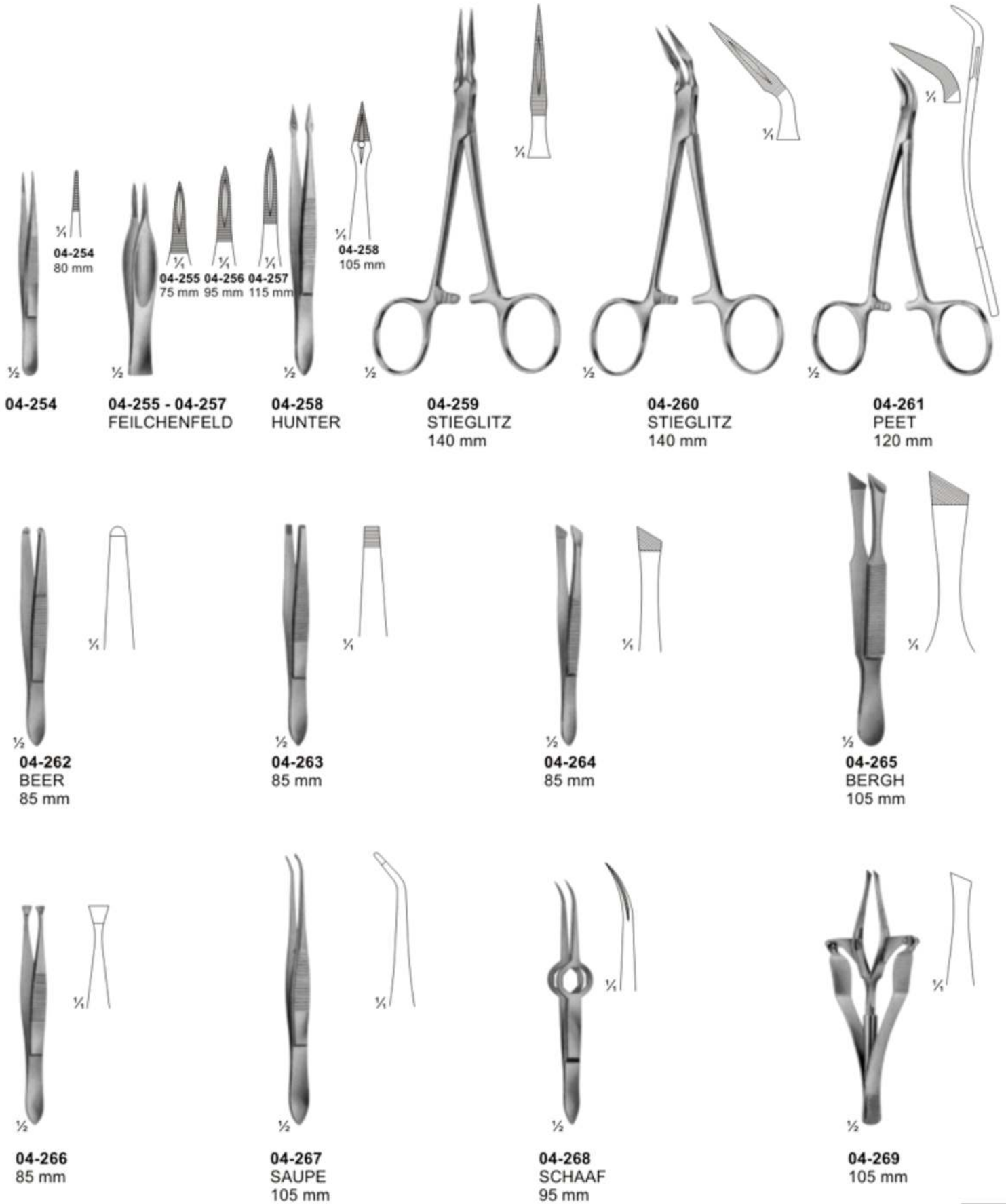
04-241
TROELTSCH
Cross action
120 mm

04-242
TROELTSCH
140 mm

Tissue Forceps, Lung Dissecting Forceps



Splinter and Cilia Forceps



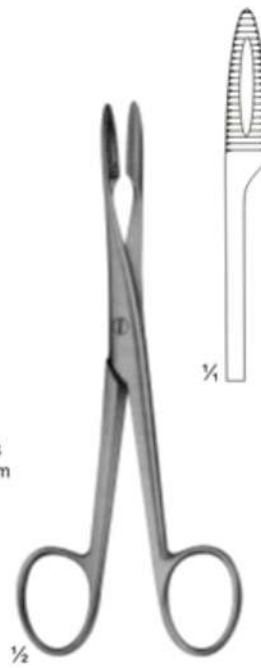
Sponge and Dressing Forceps



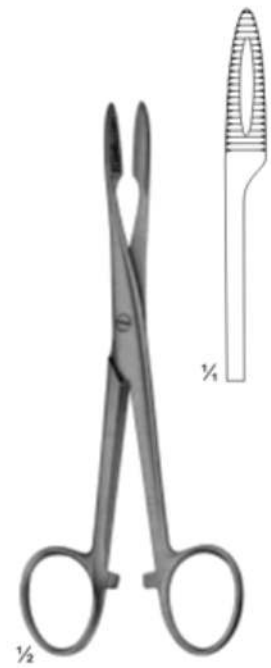
04-270
BRYANT
130 mm



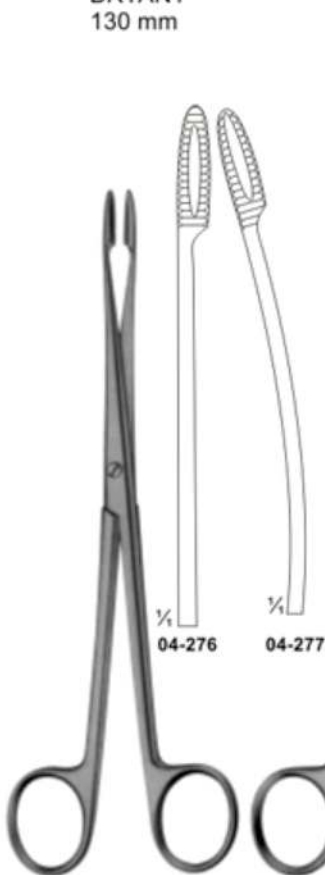
04-271 - 04-273
LISTER
Sinus forceps



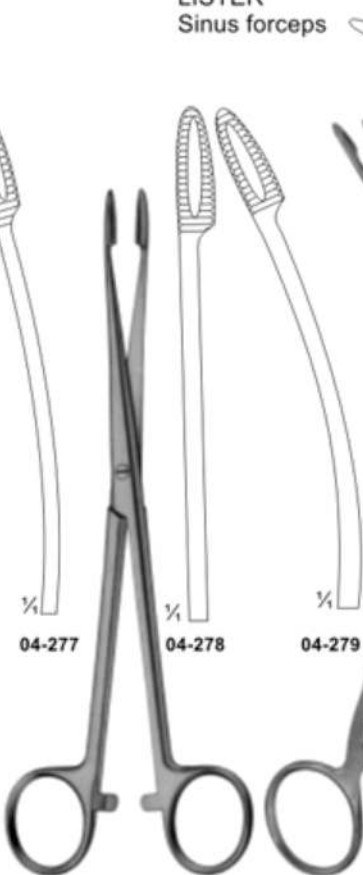
04-274
without ratchet
145 mm



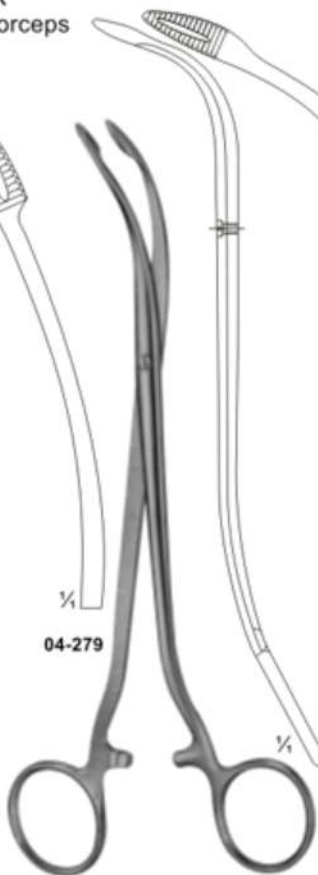
04-275
with ratchet
145 mm



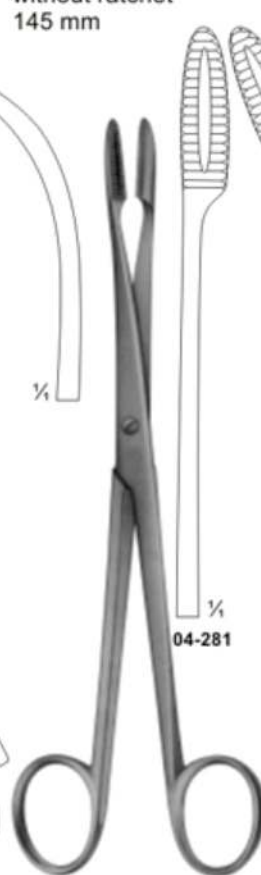
04-276 - 04-277
GROSS
without ratchet
180 mm



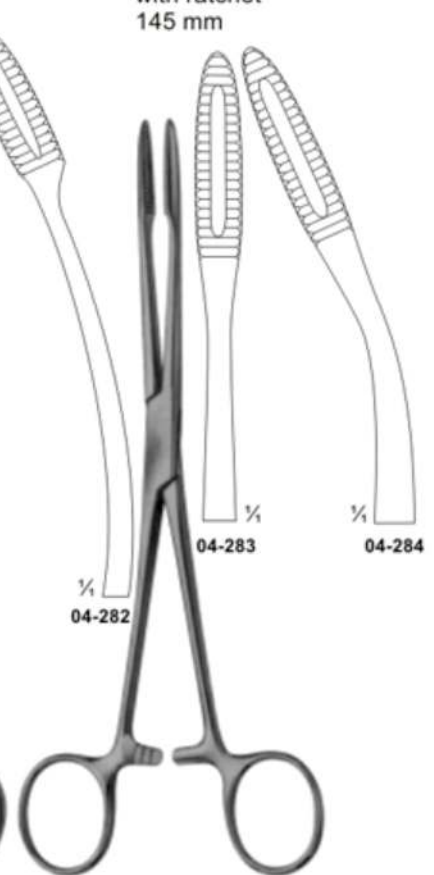
04-278 - 04-279
GROSS
with ratchet
180 mm



04-280
DUPLAY
190 mm

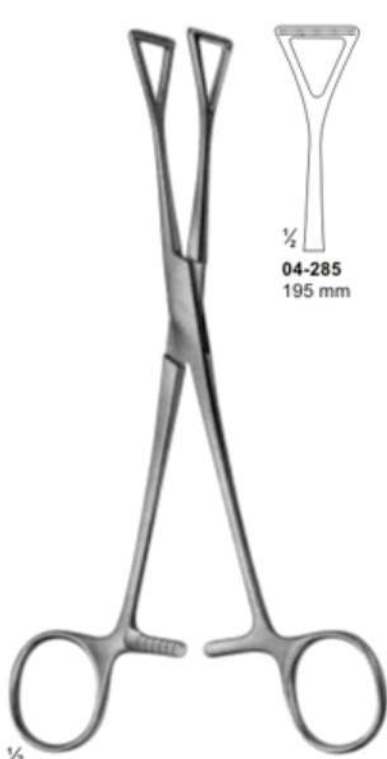


04-281 - 04-282
GROSS
without ratchet
200 mm

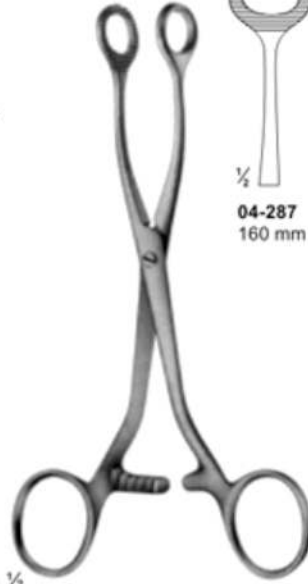


04-283 - 04-284
GROSS
200 mm

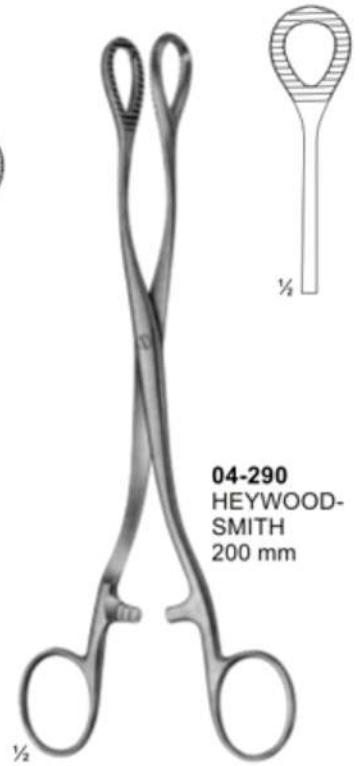
Dressing-, Sponge holding-, Organ- and Tissue Grasping Forceps



04-285 - 04-286
COLLIN



04-287 - 04-289
COLLIN



04-290
HEYWOOD-SMITH
200 mm



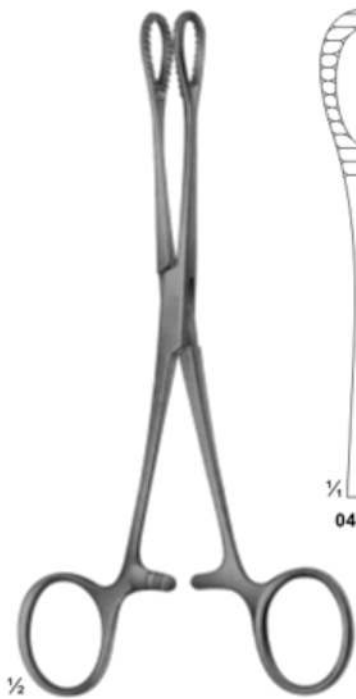
04-291
NOTO
280 mm



04-292
KELLY
320 mm



Dressing, Sponge holding, Organ and Tissue Grasping Forceps



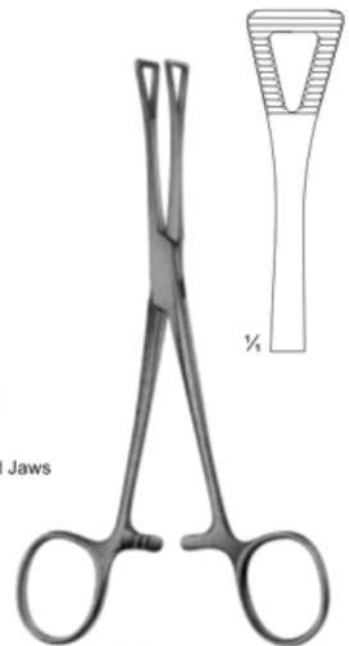
1/2
04-293 - 04-294
FOERSTER-BALLENGER
180 mm



1/2
04-295 - 04-296
RAMPLEY

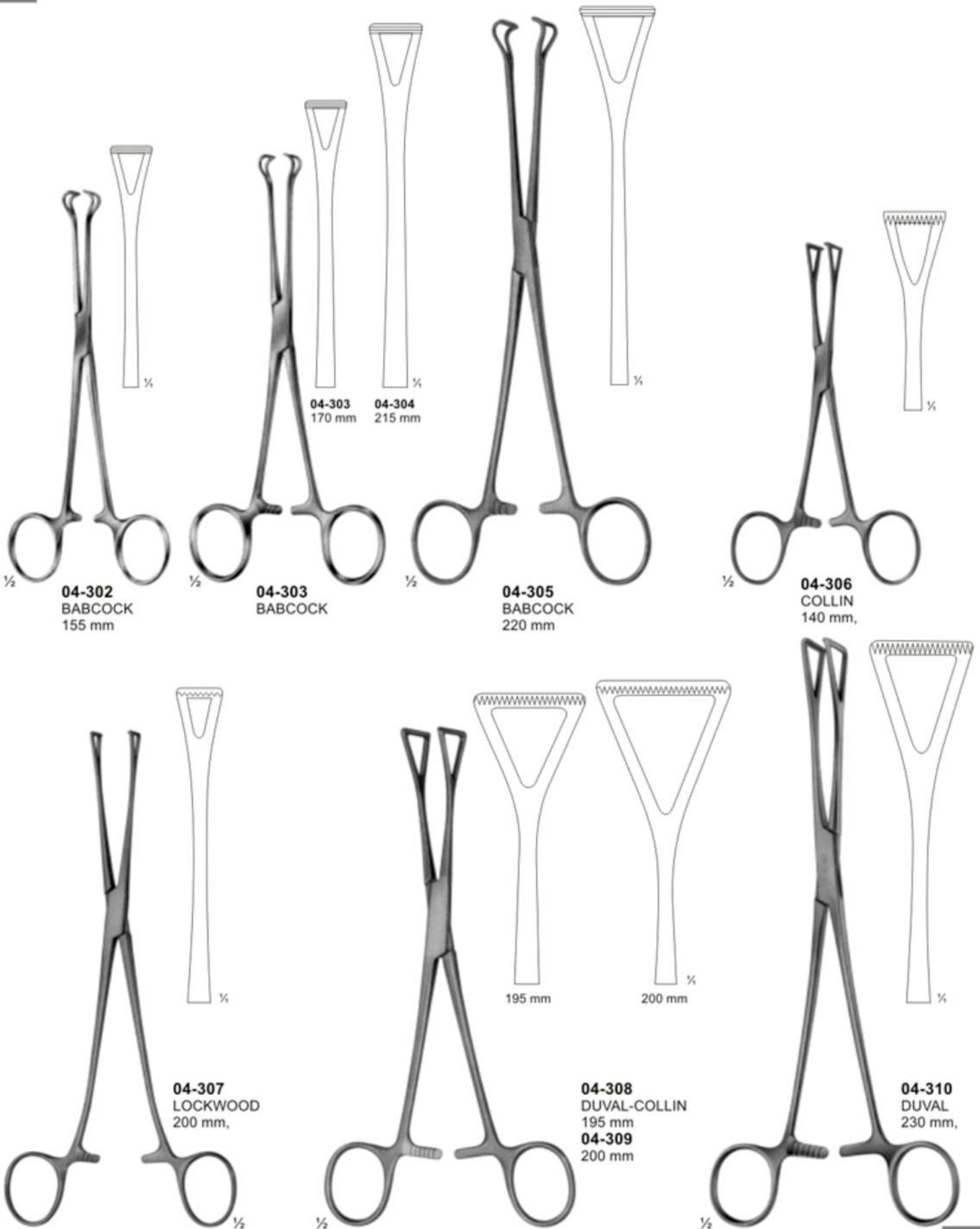


1/2
04-297 - 04-300
FOERSTER-BALLENGER
240 mm

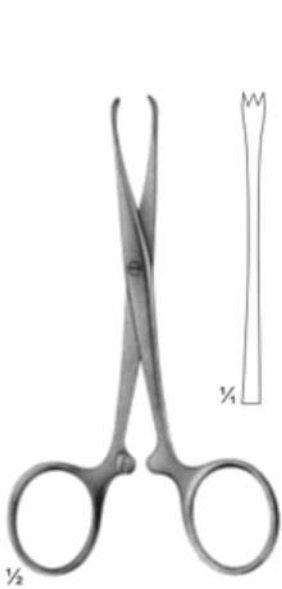


04-301
PENNINGTON
155 mm

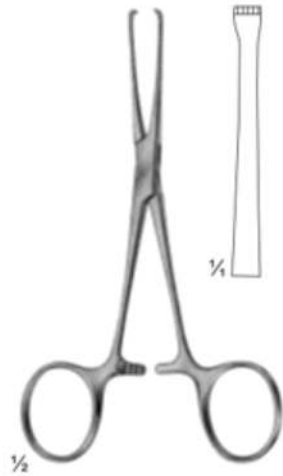
Intestinal Grasping Forceps



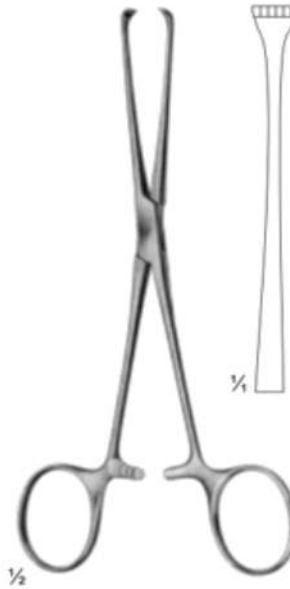
Artery Traction - and Tissue Grasping Forceps



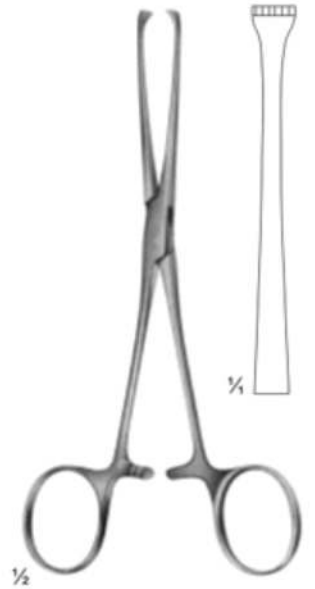
04-311
CHAPUT
2 x 3 teeth
125 mm



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



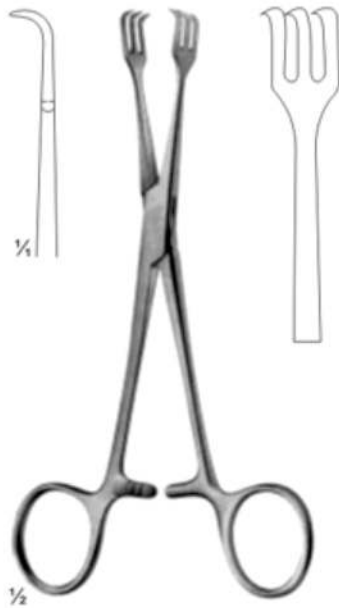
04-313
BOYS-ALLIS
5 x 6 teeth sharp
155 mm



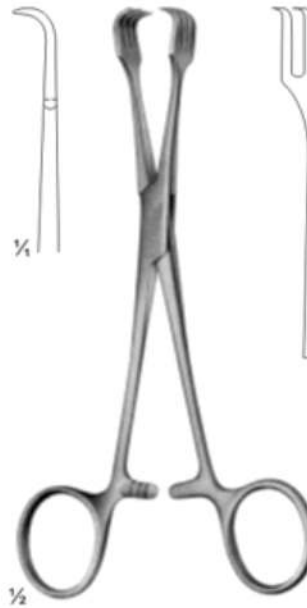
04-314
ALLIS
5 x 6 teeth
155 mm



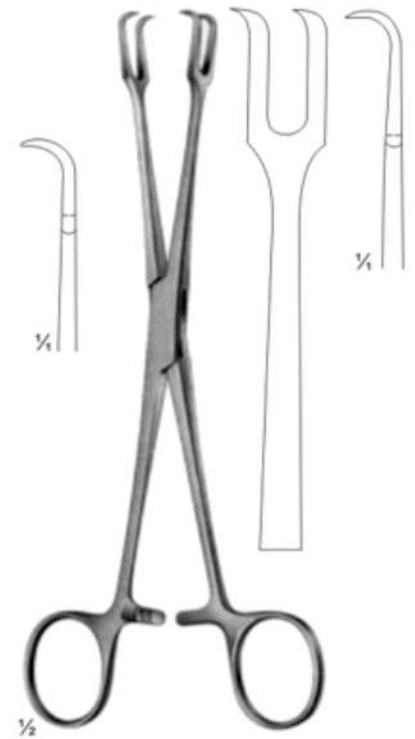
04-315
LAHEY
155 mm



04-316
LAHEY
155 mm

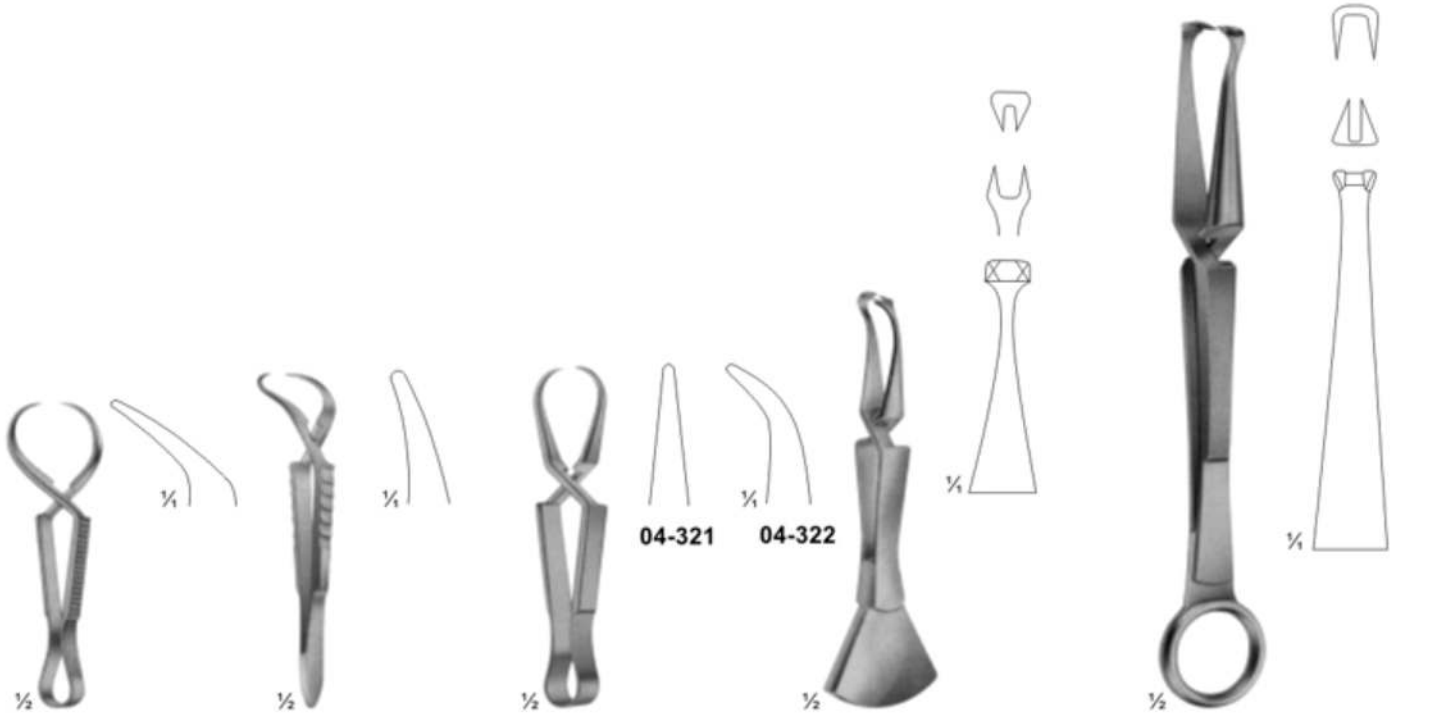


04-317
BRAUN
155 mm



04-318
MUSEUX
200 mm

Towel Clamps



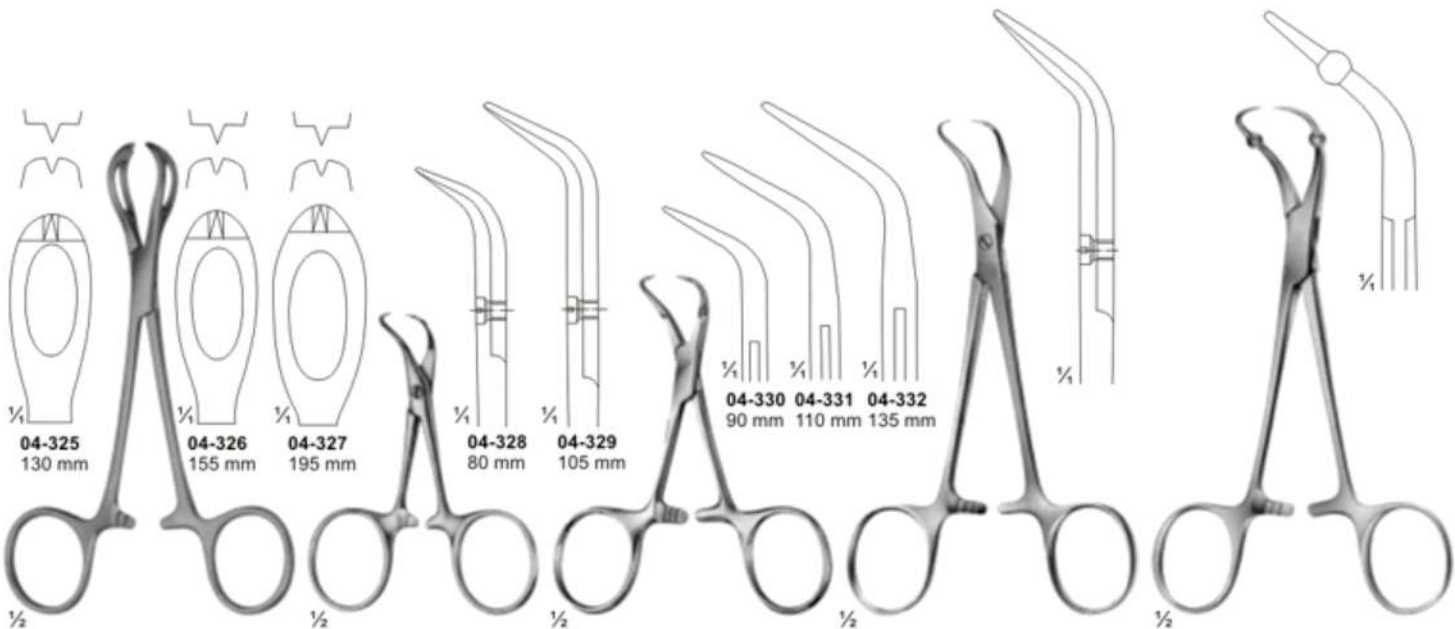
04-319
JONES
85 mm

04-320
ENGL. MOD.
85 mm

04-321 - 04-322
SCHAEDEL
85 mm

04-323
DOYEN
110 mm

04-324
DOYEN
180 mm



04-325
130 mm

04-326
155 mm

04-327
195 mm

04-328
80 mm

04-329
105 mm

04-330 04-331 04-332
90 mm 110 mm 135 mm

04-325 - 04-327
LANE

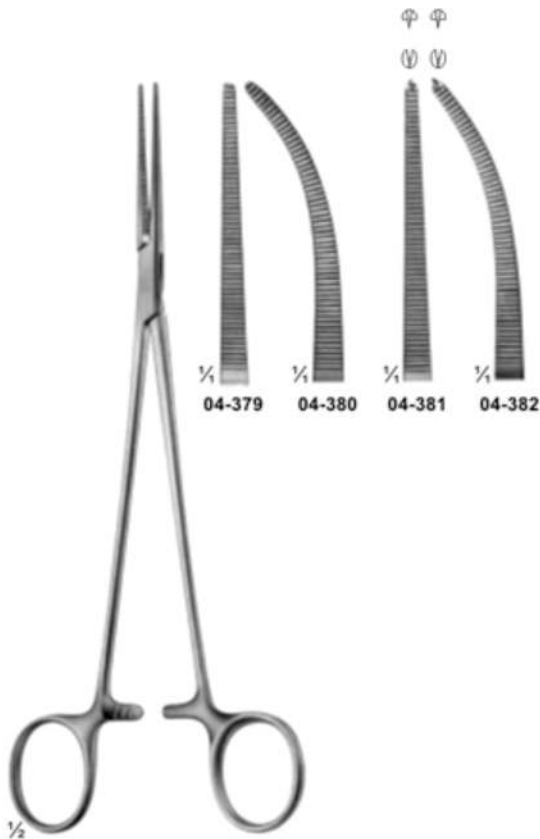
04-328 - 04-329
BACKHAUS

04-330 - 04-332
BACKHAUS

04-333
BACKHAUS-KOCHER
135 mm

04-334
ROEDER
135 mm

Delicate Haemostatic Forceps



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



04-383 - 04-387
 HEISS
 200 mm



04-388 - 04-389
 HALSTED
 215 mm



04-390 - 04-393
 BENGOLEA
 245 mm



04-394
 CRAFOORD
 245 mm

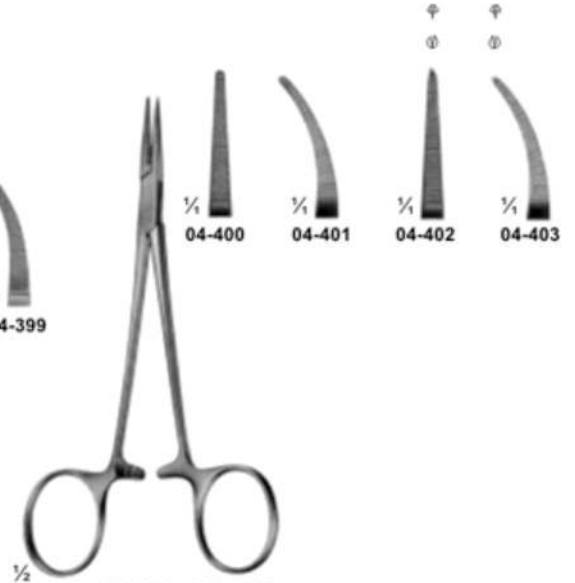
Delicate Haemostatic Forceps



04-395
CARREL
85 mm



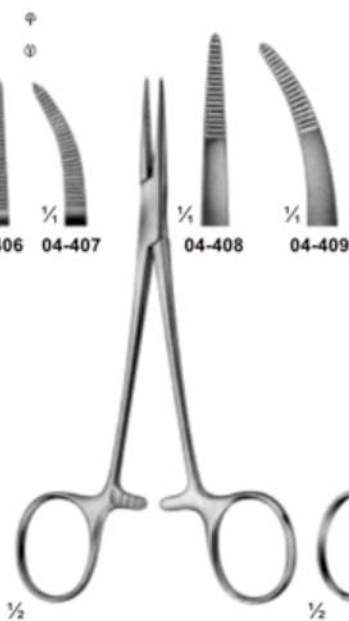
04-396 - 04-399
BABY-MOSQUITO
(HARTMANN)
100 mm



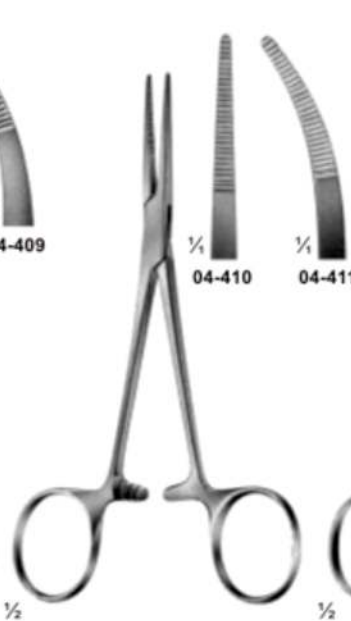
04-400 - 04-403
MICRO-HALSTED
125 mm



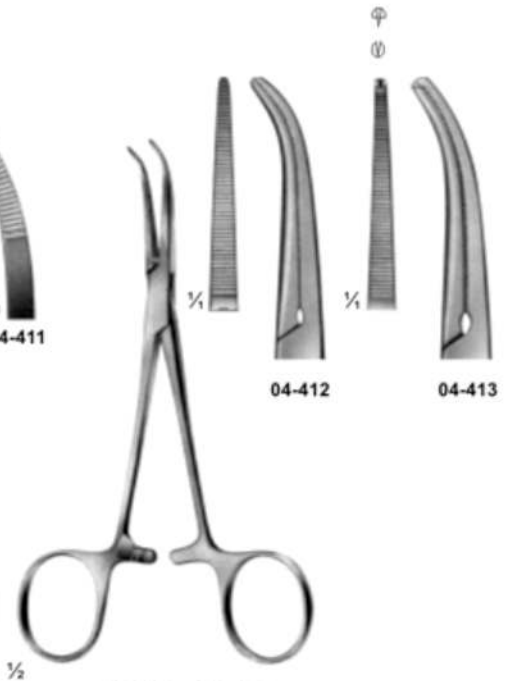
04-404 - 04-407
HALSTED-MOSQUITO
125 mm



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

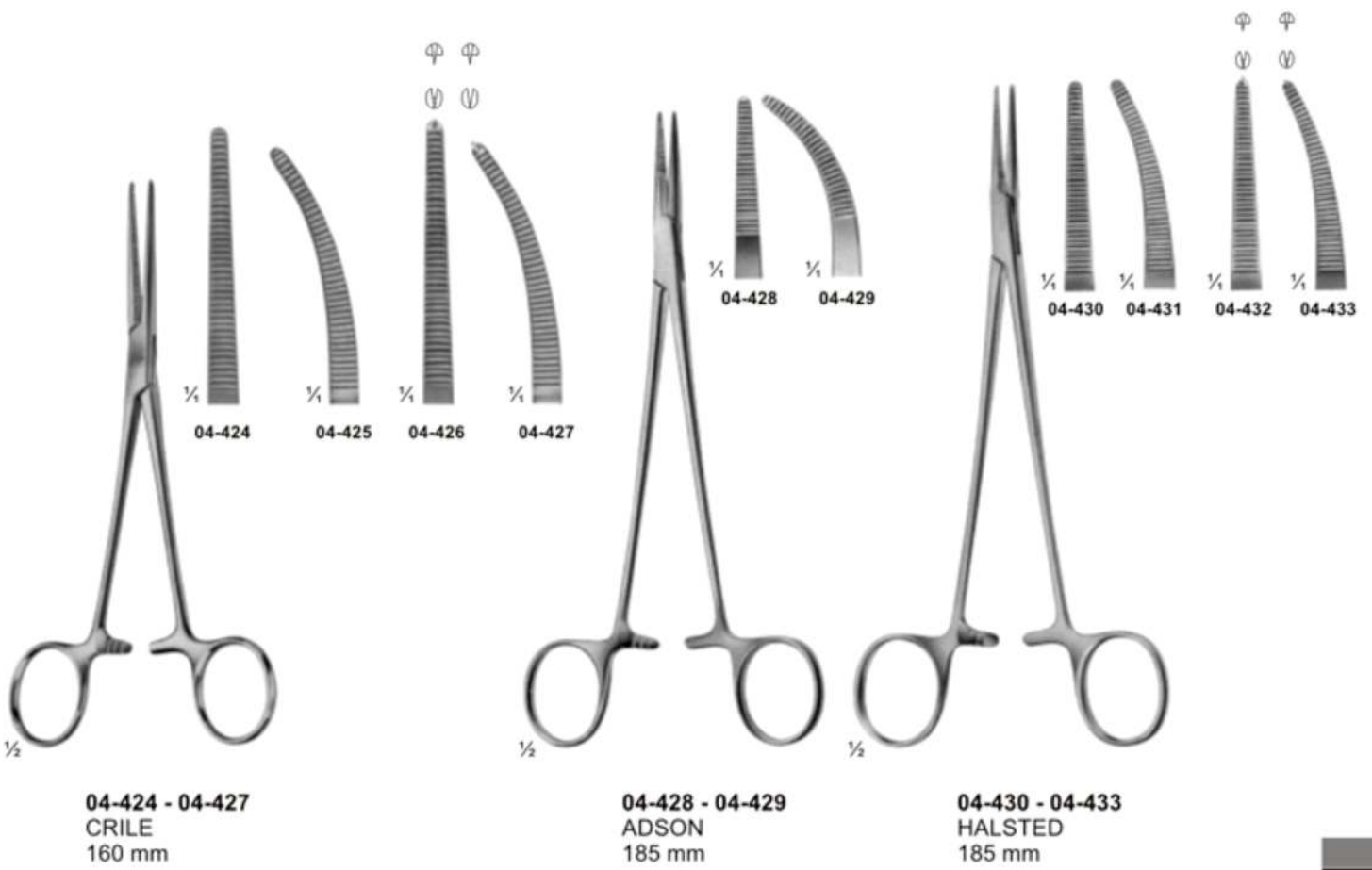
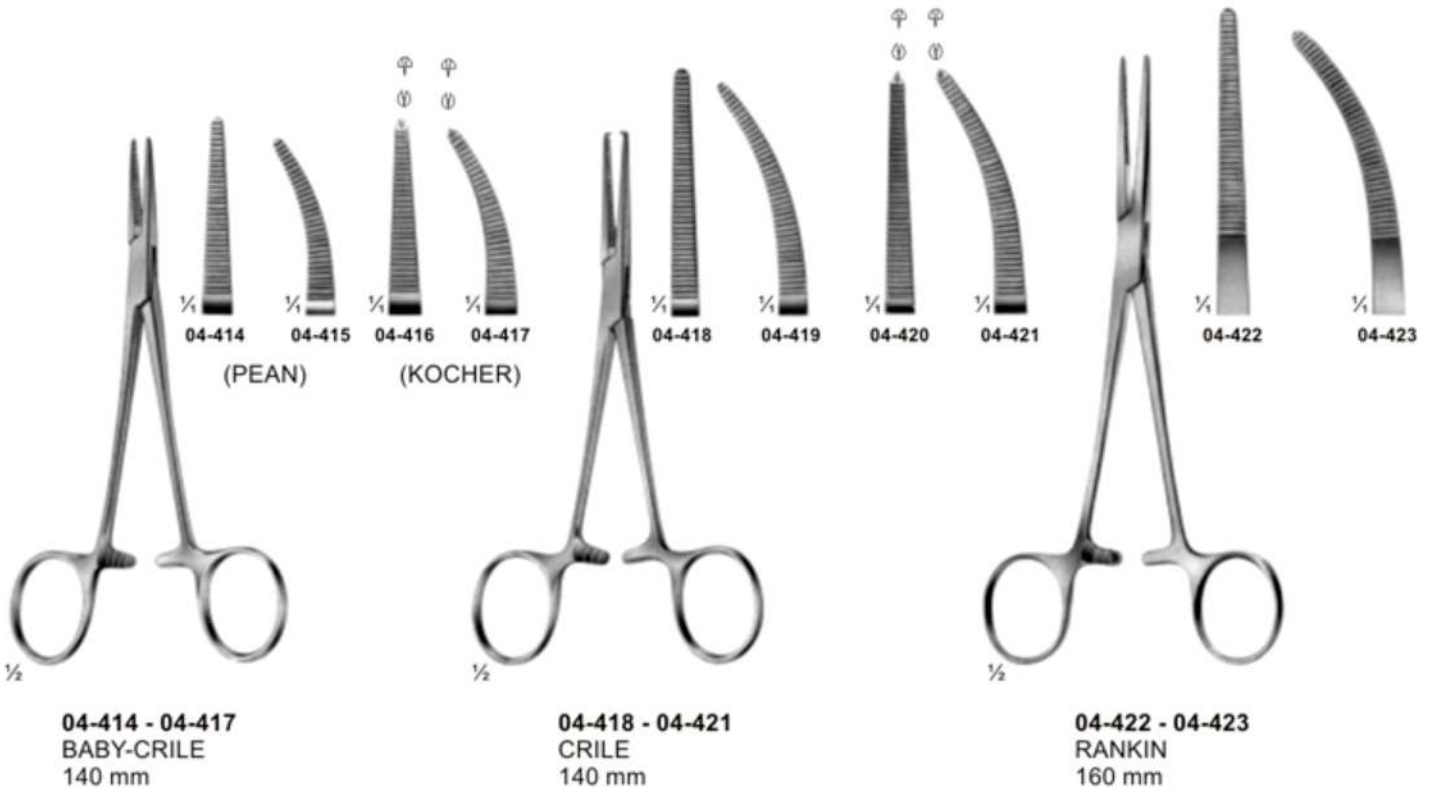


04-410 - 04-411
KELLY
140 mm

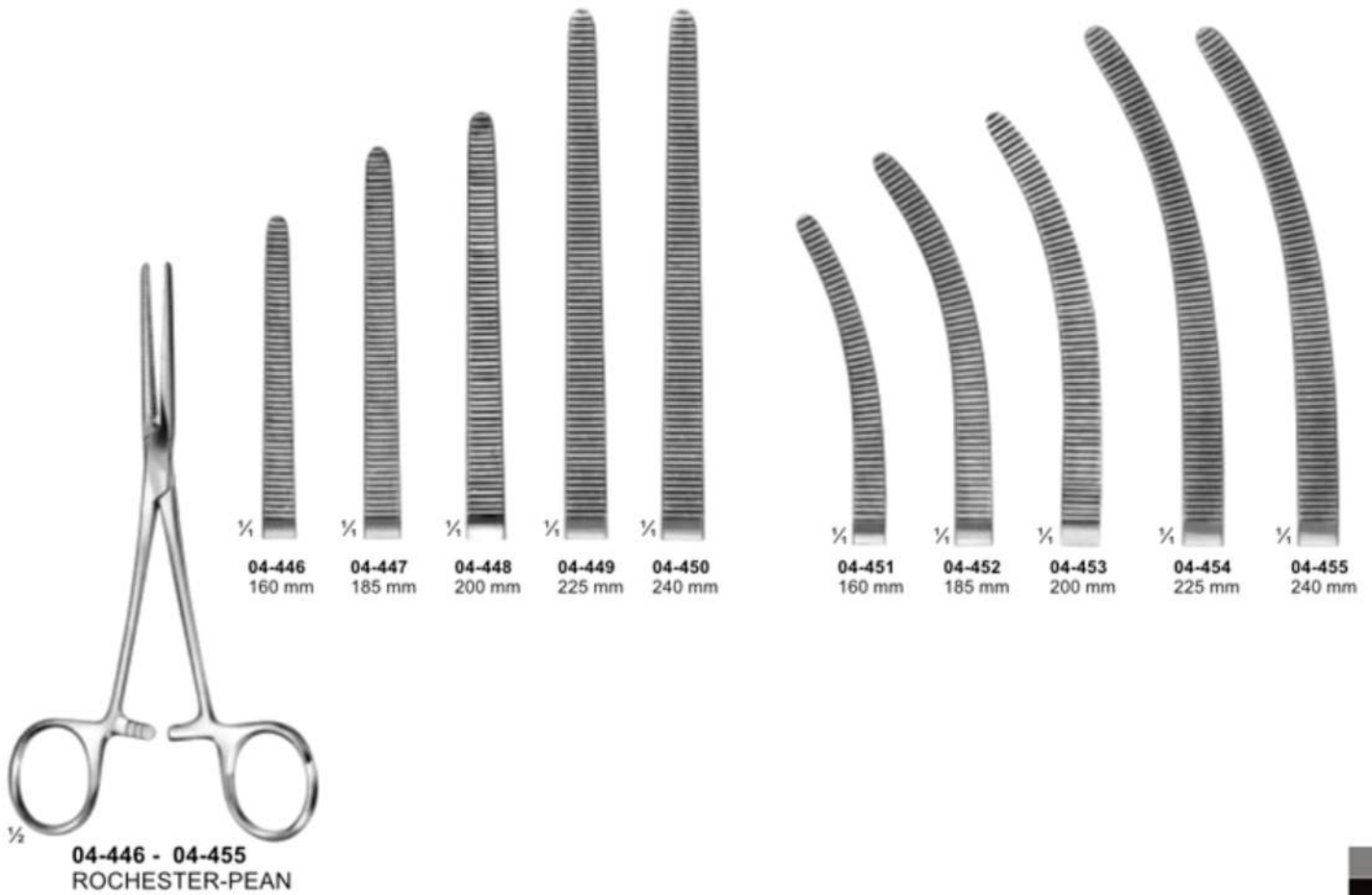


04-412 - 04-413
DANDY
Curved sideways
140 mm

Delicate Haemostatic Forceps



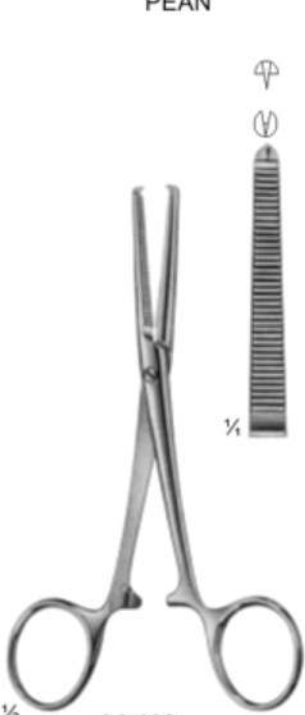
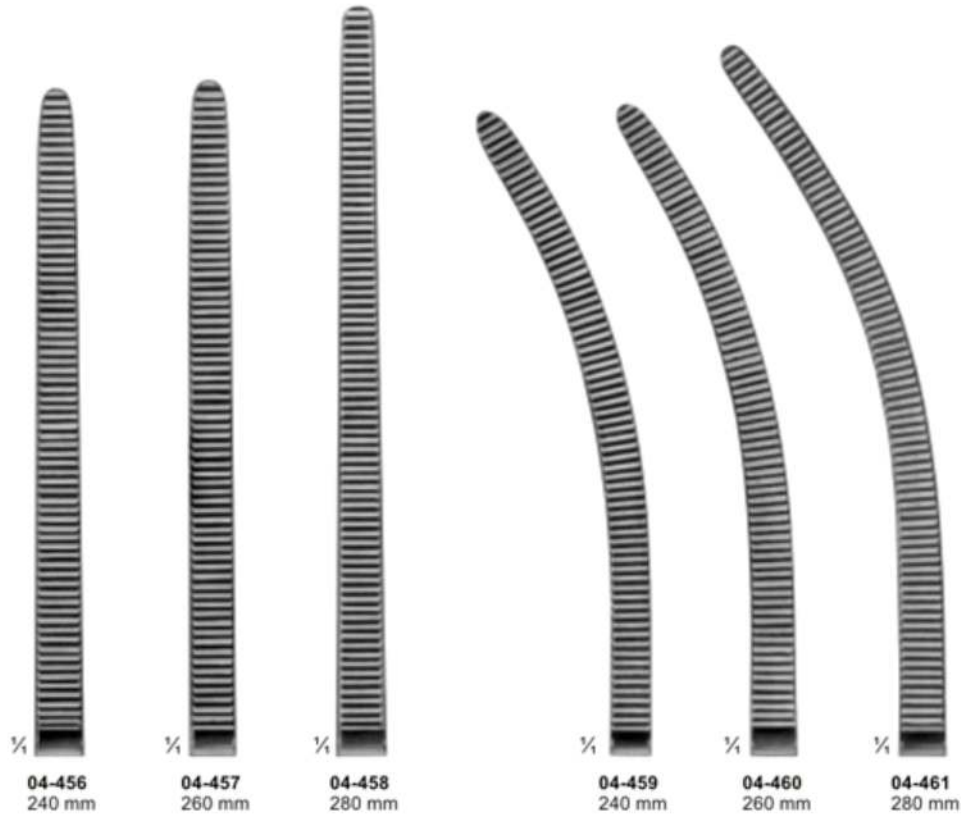
Haemostatic Forceps



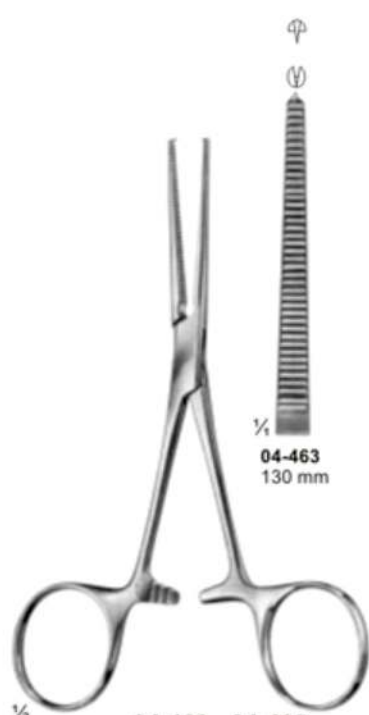
Haemostatic Forceps



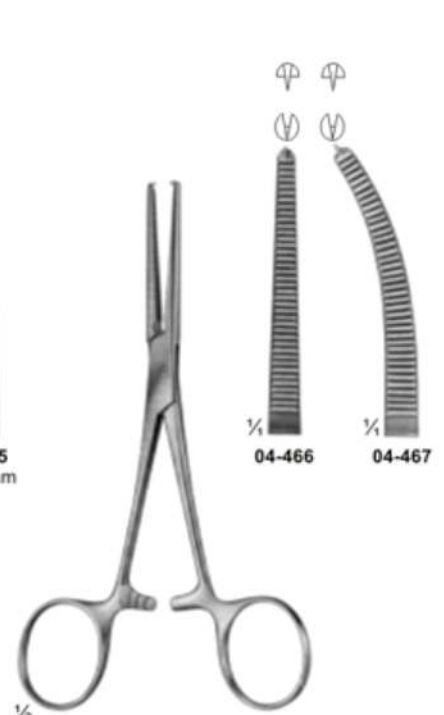
04-456 - 04-461
PEAN



04-462
KOCHER
Strong Pattern
145 mm

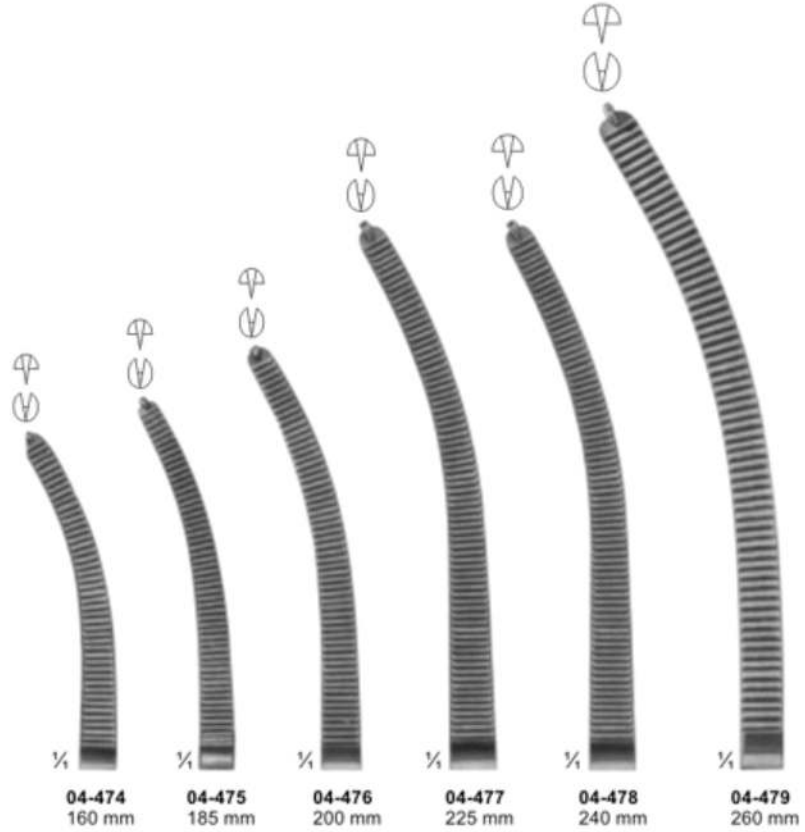
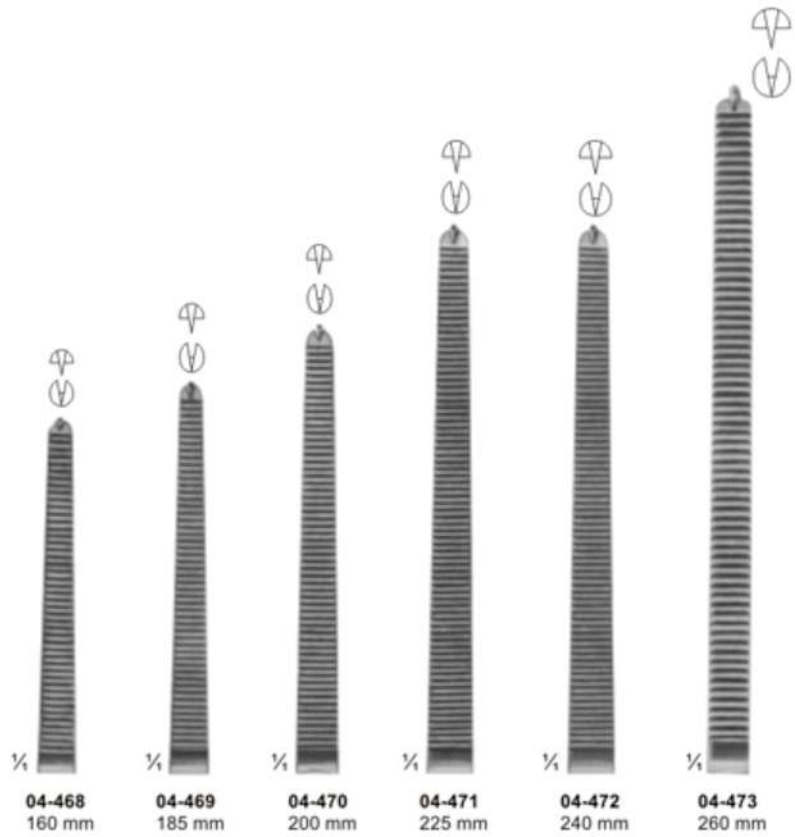


04-463 - 04-465
KOCHER



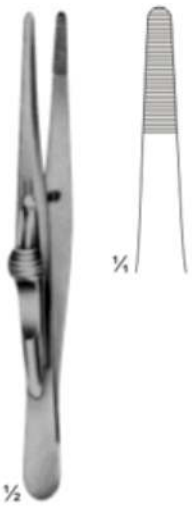
04-466 - 04-467
ROCHESTER-OGHSNER
140 mm

Haemostatic Forceps



04-468 - 04-479
KOCHER-OCHSNER

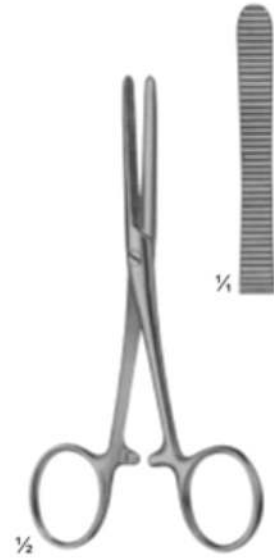
Haemostatic Forceps



04-480
FRICKE
Artery forceps
130 mm



04-481
KRONLEIN
130 mm



04-482
PEAN
125 mm

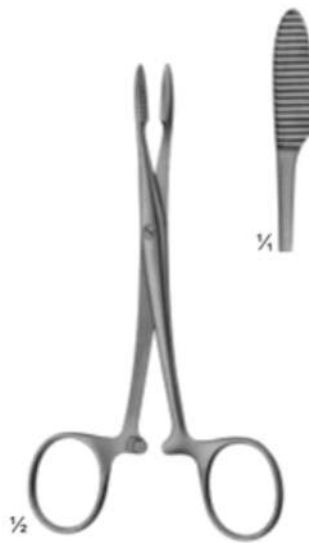


04-483
125 mm

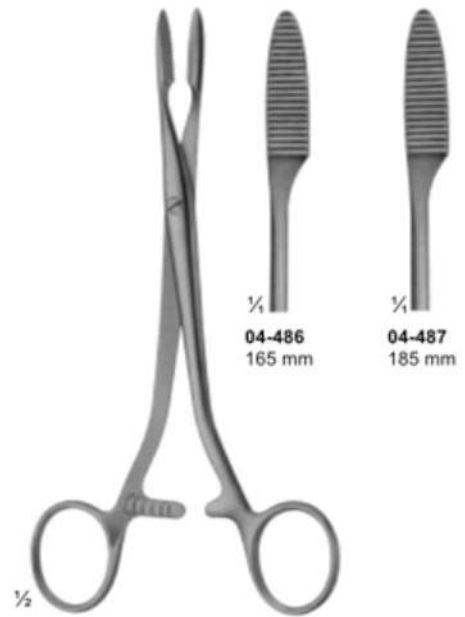


04-484
140 mm

04-483 - 04-484
PEAN



04-485
PEAN
125 mm

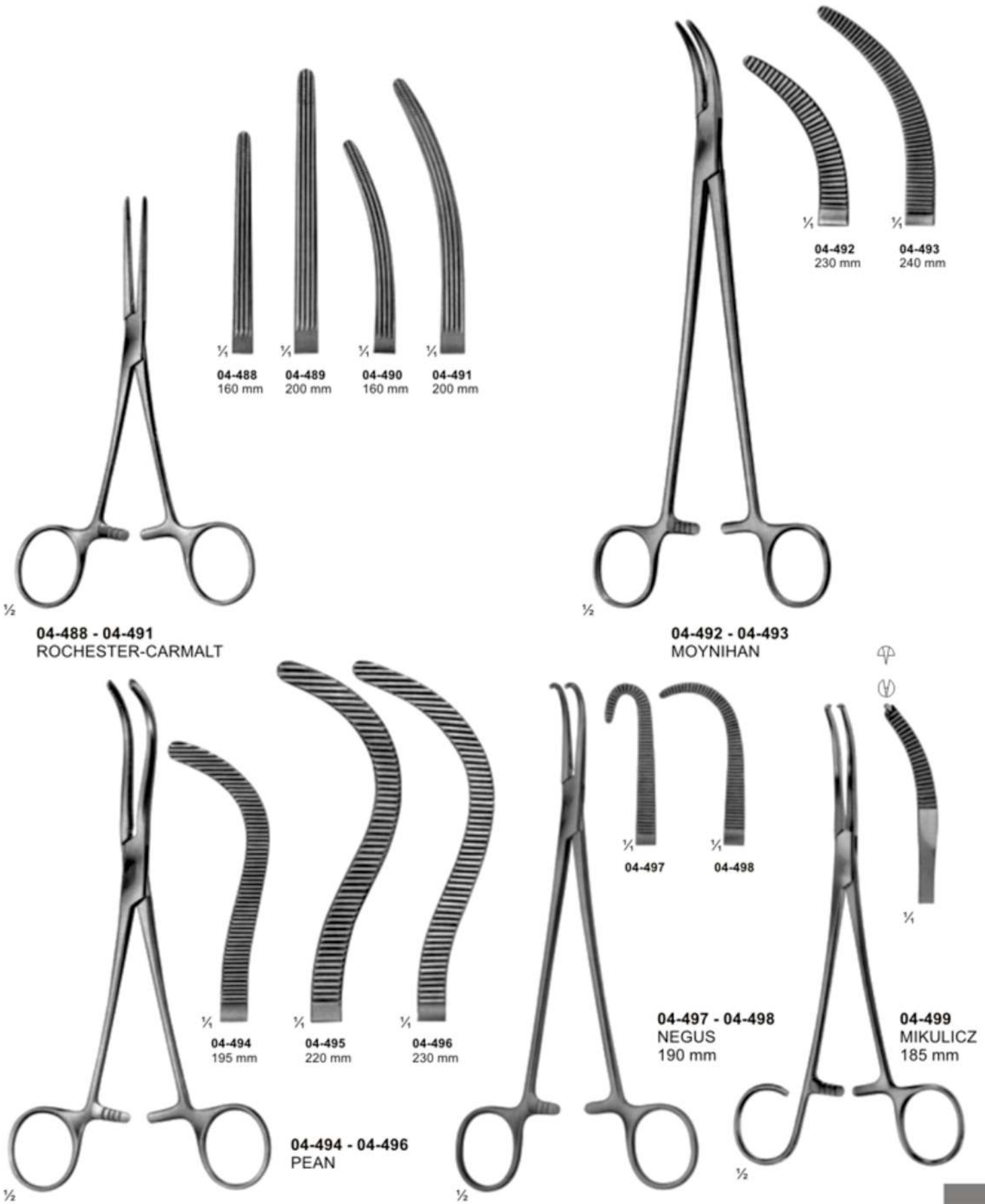


04-486
165 mm

04-487
185 mm

04-486 - 04-487
PEAN

Haemostatic Forceps, Special Pattern, Tonsil Forceps



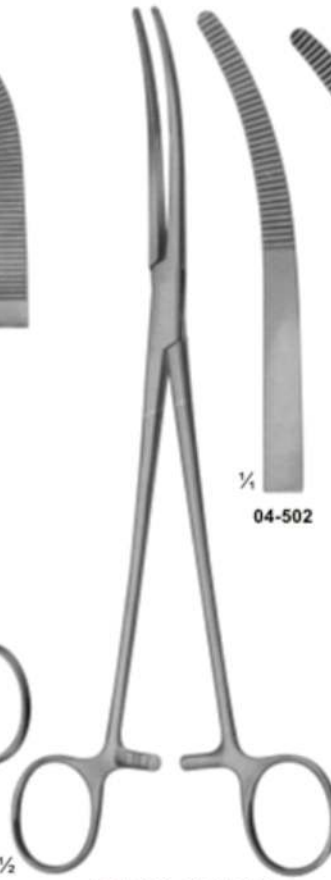
Dissecting- and Ligature Forceps



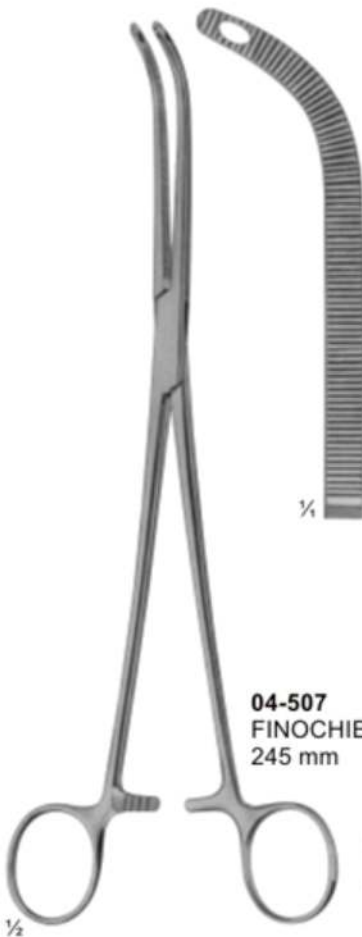
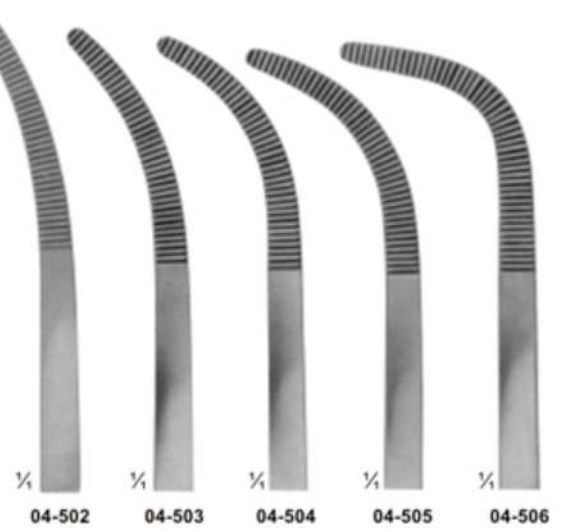
04-500
MIXTER-O'SHAUGHNESSY
190 mm



04-501
HEISS
195 mm



04-502 - 04-506
RUMEL
240 mm



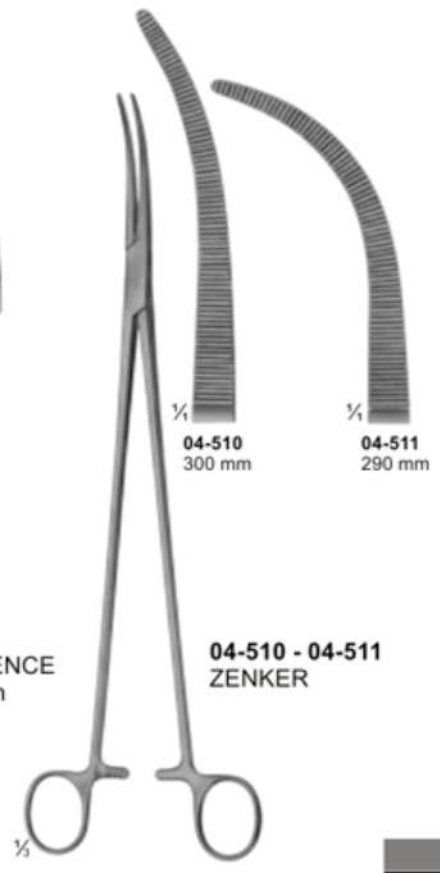
04-507
FINOCHIETTO
245 mm



04-508
MIXTER
230 mm



04-509
LAWRENCE
270 mm



04-510 - 04-511
ZENKER

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



04-512
WERTHEIM
 Hysterectomy forceps
 255 mm



1/4



04-513
WERTHEIM
 Parametrium clamp
 260 mm



1/4



04-514 - 04-516
DICK



1/4

04-514
 255 mm

04-515
 265 mm

04-516
 275 mm

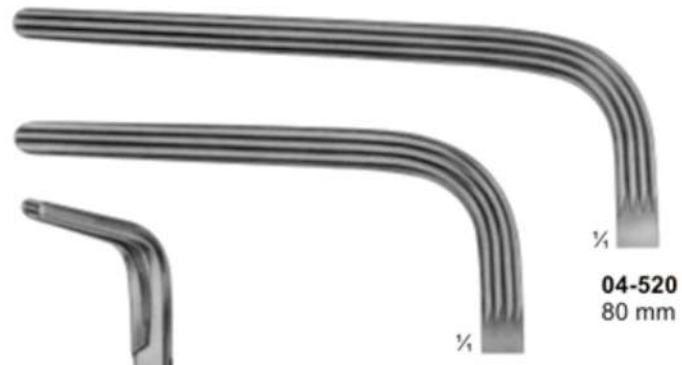
**Hysterectomy Forceps, Vaginal Clamps
 and Compression Forceps**



04-517
 WERTHEIM
 250 mm

1/2

1/4



04-519
 60 mm

1/4

04-520
 80 mm



04-518
 WERTHEIM-CULLEN
 215 mm

1/2

1/4



04-519 - 04-520
 230 mm

1/2

Needle Holders for micro surgery



05-101
ROHRSCHEIDER
with copper inserts
100 mm



05-102
KALT
with catch
135 mm



05-103
ARRUGA
with catch
135 mm



05-104 - 105
CASTROVIEJO
with catch
145 mm



05-106 - 107
without Catch
160 mm



05-108 - 109
without catch
185 mm



05-110 - 111
JACOBSON
185 mm

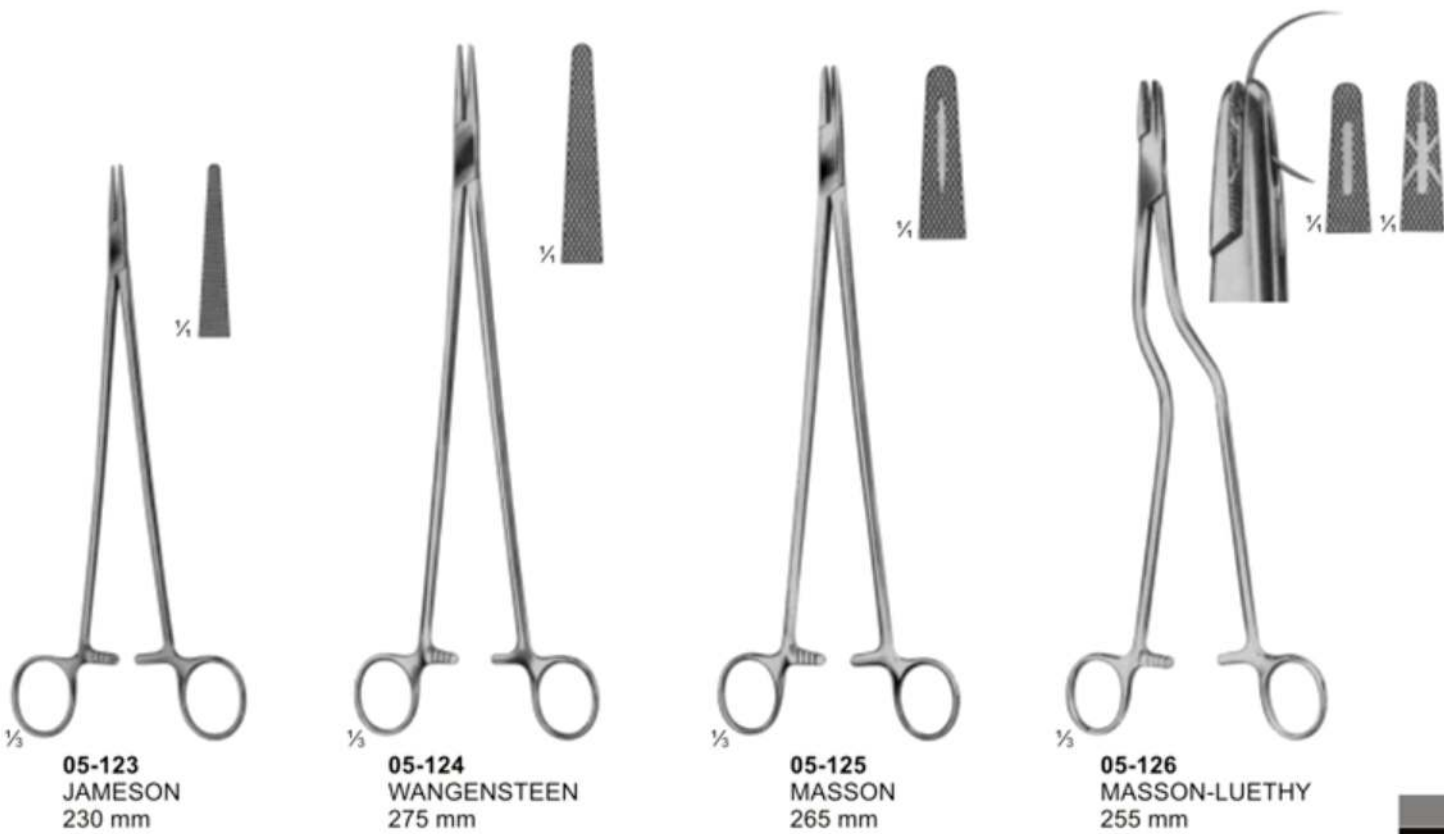


05-112
without catch
195 mm

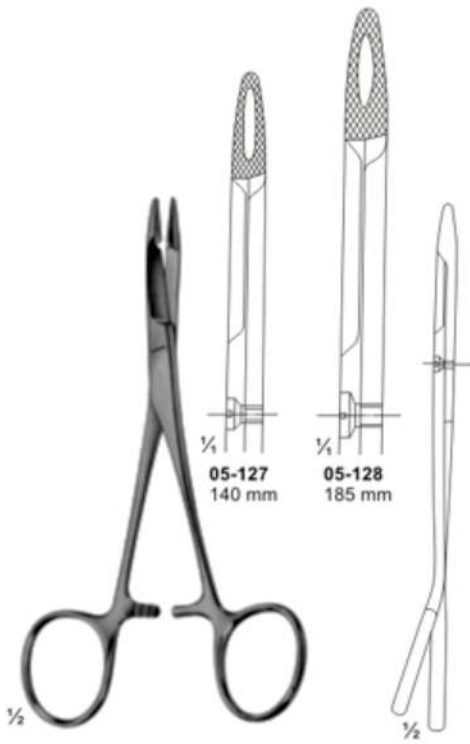


05-113 - 114
YASARGIL
with catch
200 mm

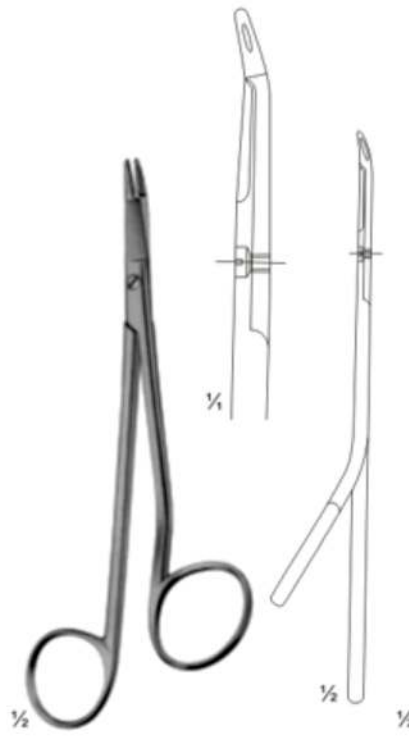
Needle Holders



Needle Holders



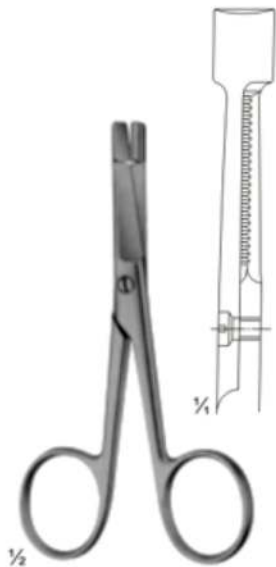
05-127 - 128
HEGAR-OLSEN
255 mm



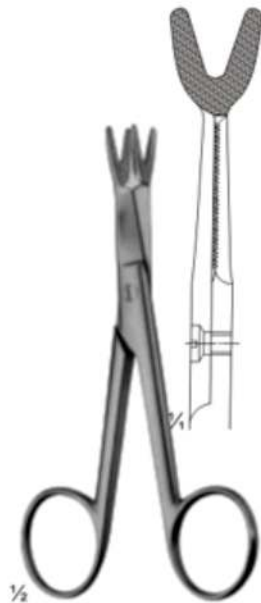
05-129
GILLIES
150 mm



05-130
GILLIES
160 mm



05-131
EISELSBERG
115 mm



05-132
SCHOEMAKER-LOTH
125 mm

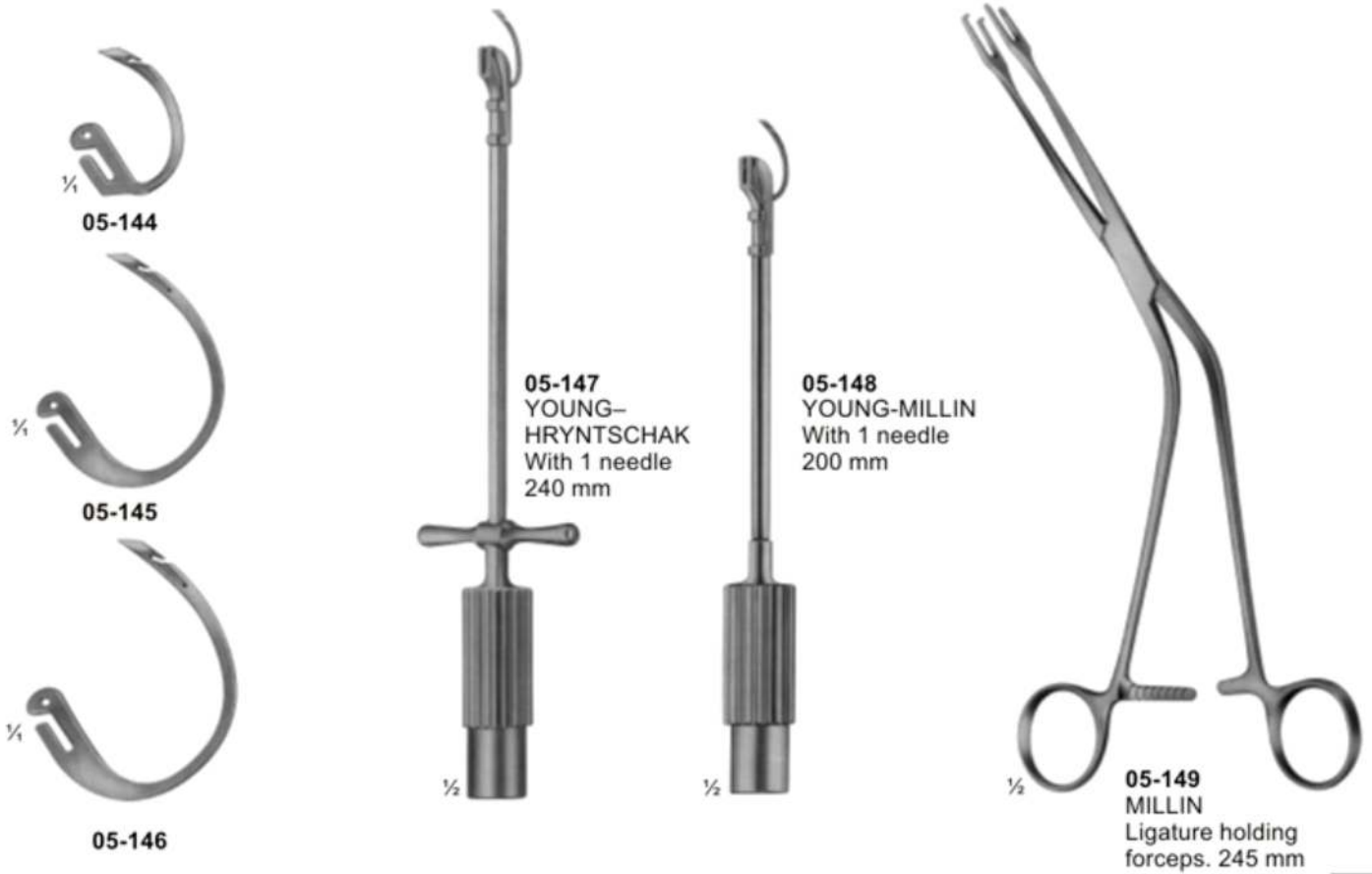
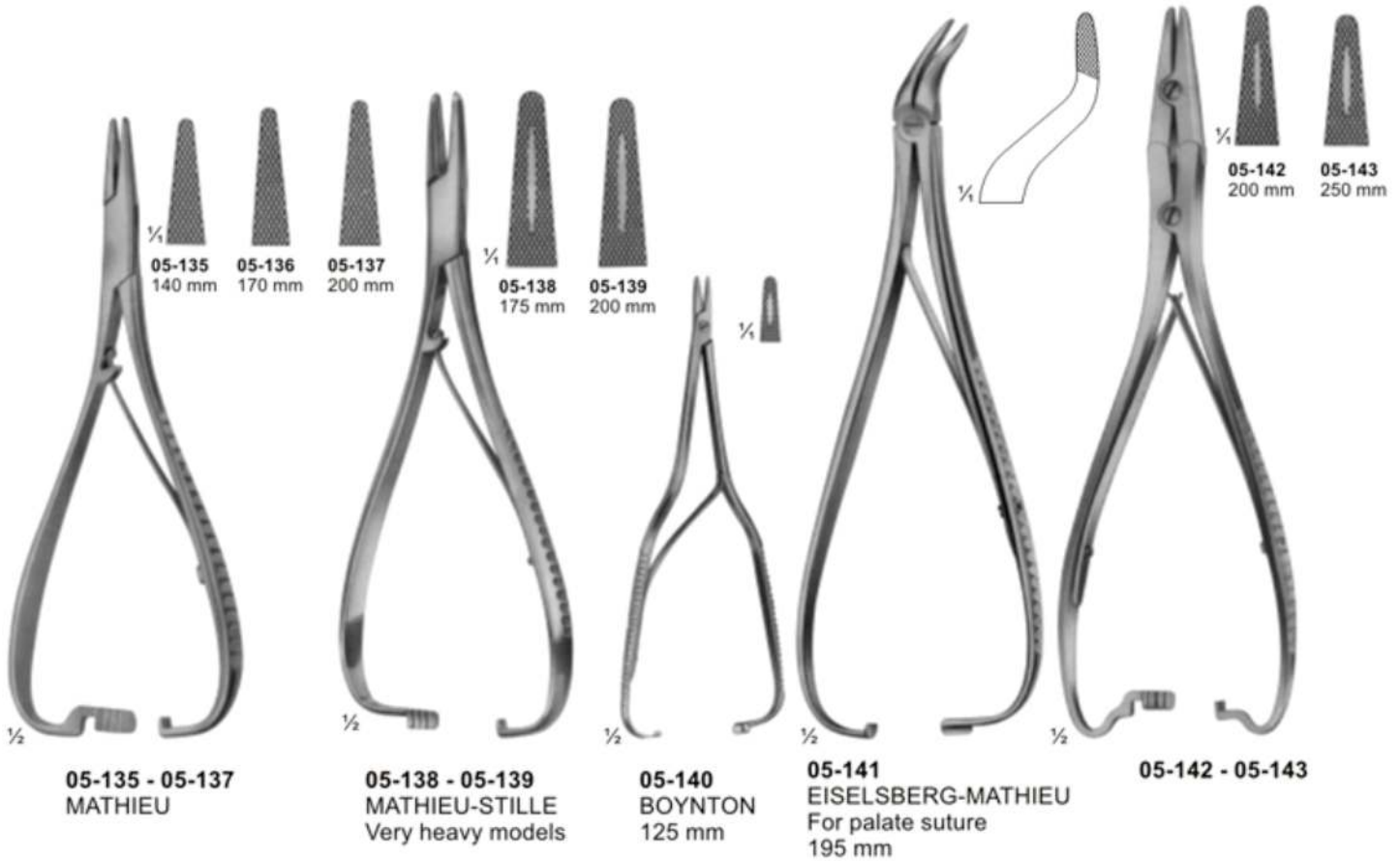


05-133
CRILE
150 mm

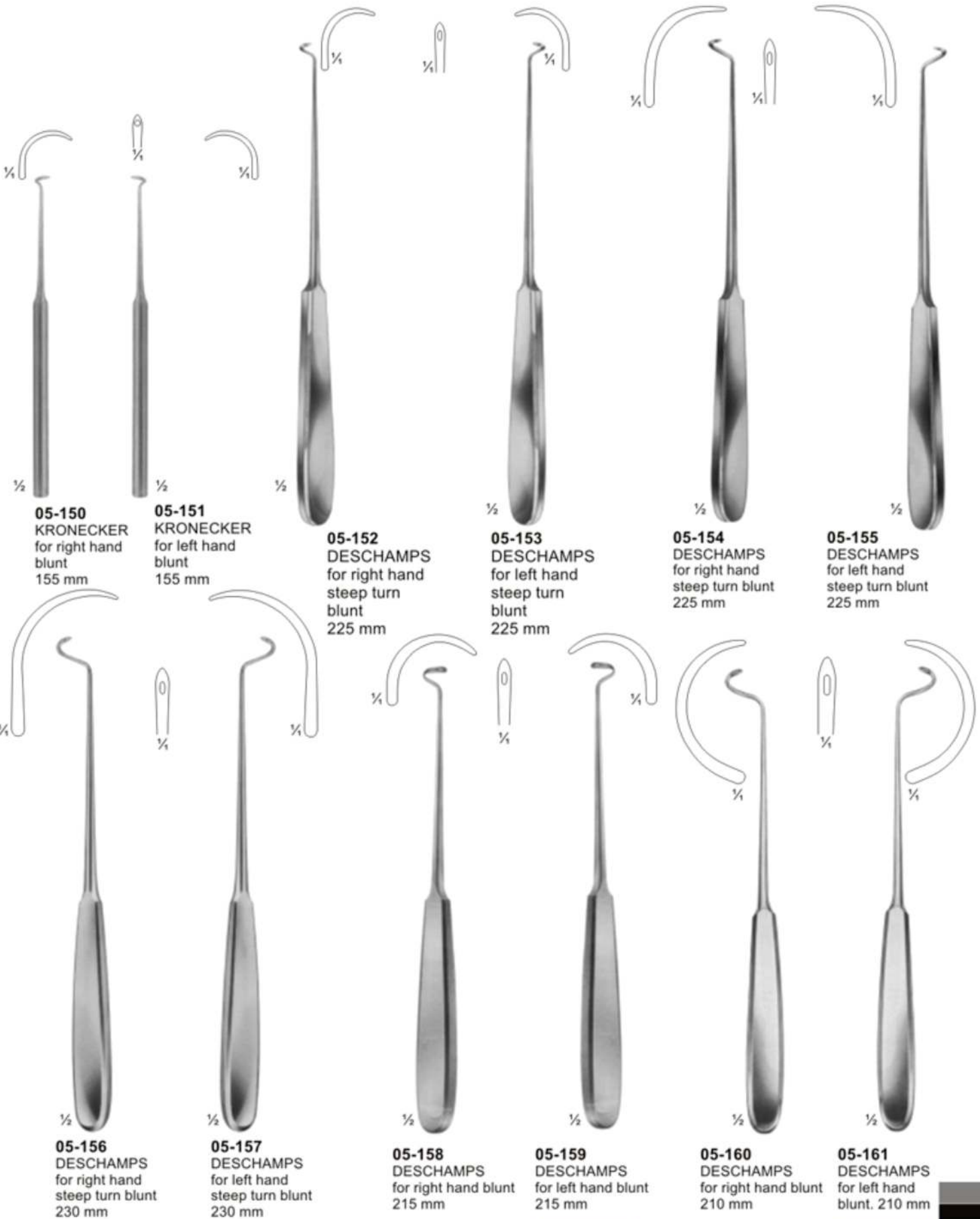


05-134
TOENNIS
Elastic pattern for dura-or
intestinal suture. 180 mm

Needle Holders



Suture Instruments - Reverdin Needles



Probes



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



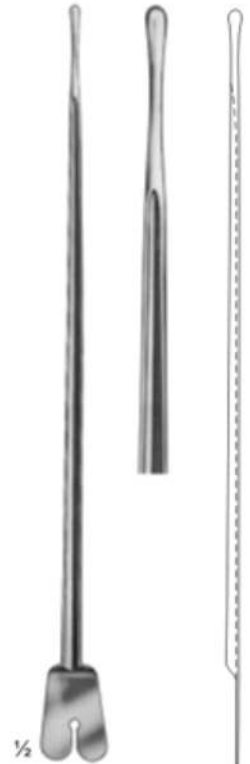
05-165
DOYEN
145 mm
Directors



05-166
NELATON
160 mm
Directors



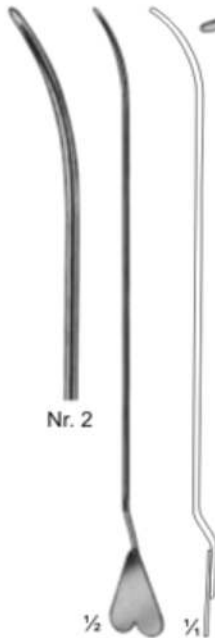
05-167
Director with tip
Diam. Of tip 3,3 mm
140 mm



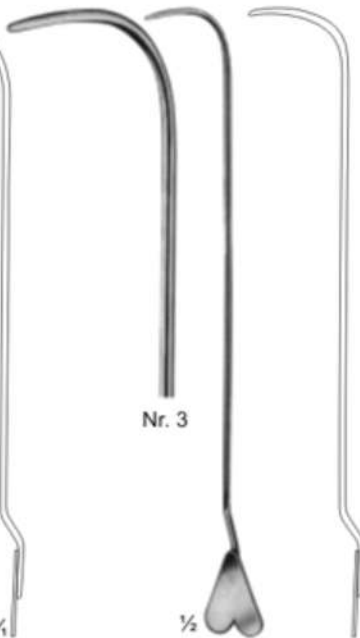
05-168
BRODIE
Director with tip,
Diam. Of tip 3,5 mm
200 mm



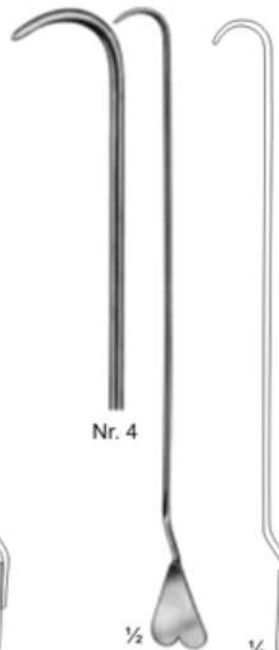
05-169
LOCKHART-MUMMERY
165 mm



05-170
LOCKHART-MUMMERY
165 mm



05-171
LOCKHART-MUMMERY
165 mm



05-172
LOCKHART-MUMMERY
165 mm



05-173
Director with wire
loop, malleable
190 mm

Probes



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



05-177
Myrtle leaf probe
145 mm



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



05-183
Probes



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



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



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



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

Suturing Instrument Set, Pocket Instrument Set



05-190

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



05-191

Pocket instrument set, in metal case consisting of:

Bottom tray

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

Top tray

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



05-192

Pocket instrument set, in metal case consisting of:

Bottom tray

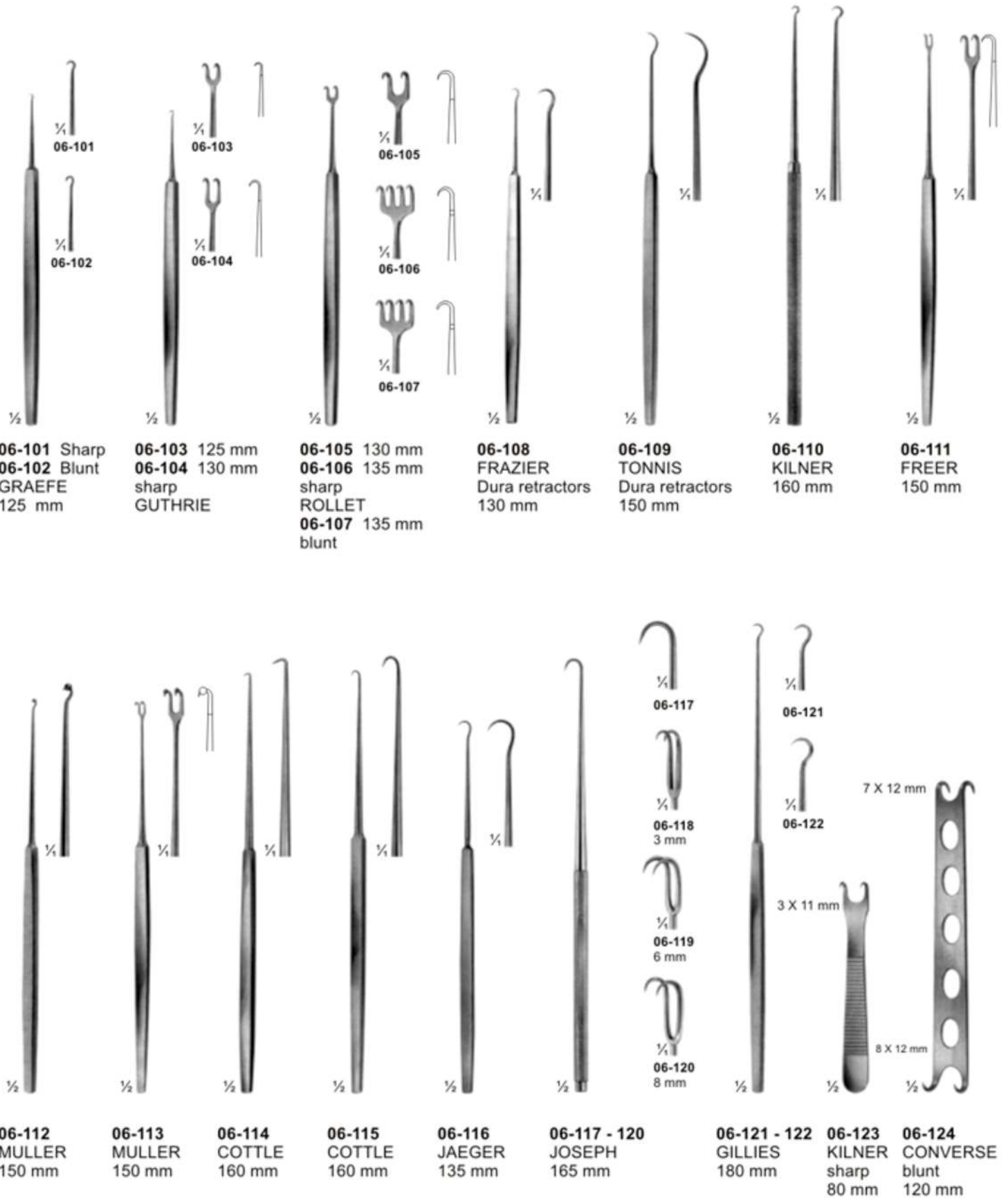
1 MAYO-HÉGER needle holder, 150mm
1 MICHEL clip forceps, combined
1 Myrtle leaf probe, 130mm
1 Sharp double curette
1 Skin hook
1 Detachable scalpel handle, no. 4
1 Perforated metal case, consisting
6 Scalpel blades
1 Perforated metal case, stainless, consisting:
1 Suture needle
1 item, & 1 item

Top tray

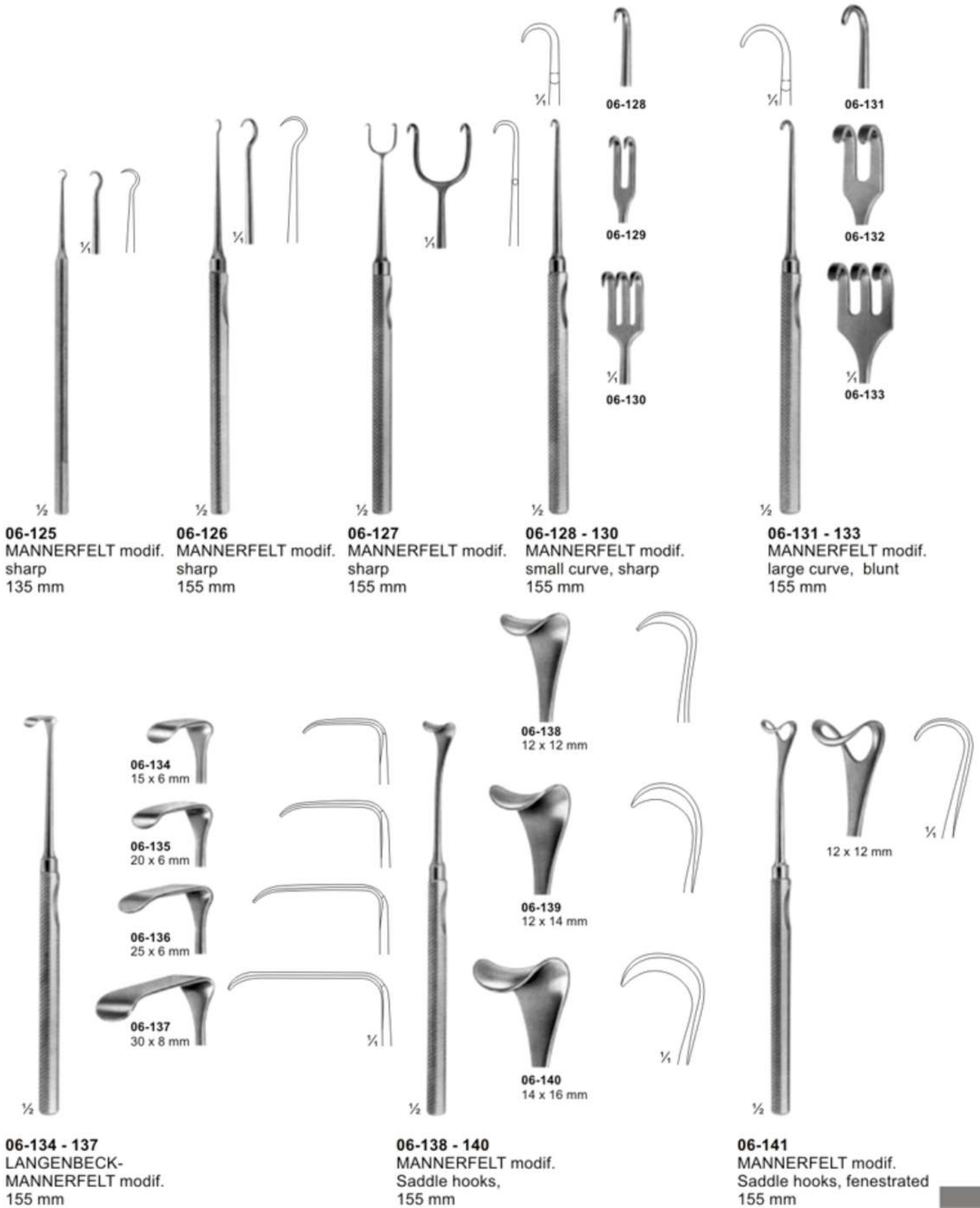
1 Tissue forceps, 130mm
1 CRILE haemostatic forceps, 140mm
1 Straight surgical scissors, 130mm
1 Dissecting forceps, 130mm
1 FEILCHENFELD splinter forceps, 115mm
25 MICHEL clip, 16 x 3mm
1 Flacon of suture silk, sterile in alcohol



Fine Wound Retractors (Dura- and Skin Retractors)



Retractors With treangle handle



Retractors



1/4
06-142
MASING
140 mm



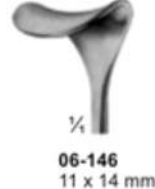
1/4
06-143
COTTLE
140 mm



1/4
06-144 - 148
DESMARRES
140 mm



1/4
06-145
9 x 12 mm



1/4
06-146
11 x 14 mm



1/4
06-147
12 x 16 mm



1/4
06-148
13 x 18 mm



1/4
06-149
13 x 13 mm



1/4
06-150
12 x 16 mm

1/2
06-149 - 150
KONIG
180 mm



1/4
10 x 10 mm

1/2
06-151
CUSHING-KOCHER
175 mm



1/4
06-152
20 x 12 mm



1/4
06-153
20 x 15 mm

1/2
06-152 - 153
KOCHER
205 mm

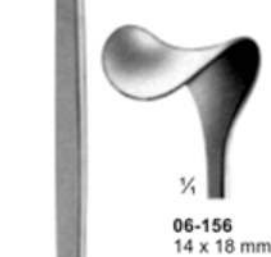


1/4
13 x 6 mm

1/2
06-154
SCHOENBORN
200 mm



1/4
06-155
10 x 13 mm



1/4
06-156
14 x 18 mm

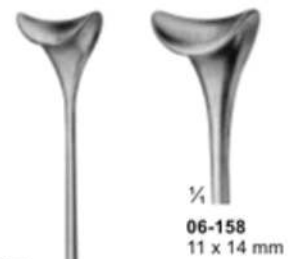
1/2
06-155 - 156
CUSHING
205 mm



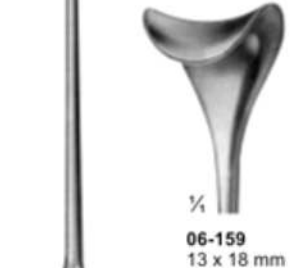
20 x 15 mm

20 x 19 mm

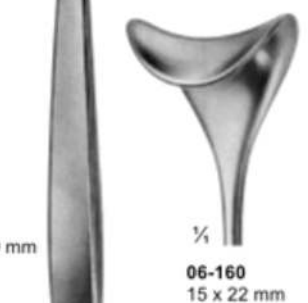
1/2
06-157
205 mm



1/4
06-158
11 x 14 mm



1/4
06-159
13 x 18 mm



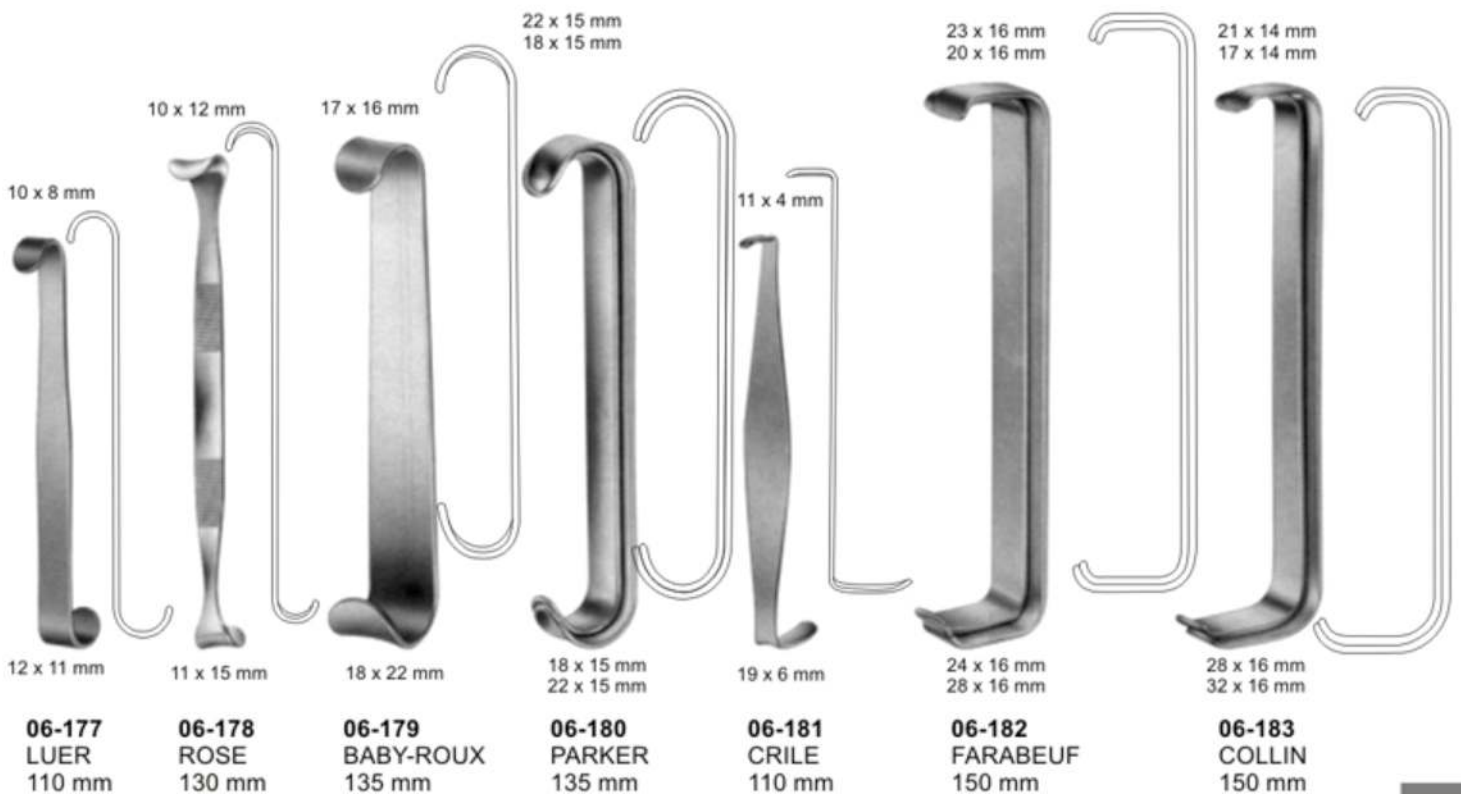
1/4
06-160
15 x 22 mm

1/2
06-158 - 160
CUSHING
250 mm

Retractors



Retractors



Bone Retractors and Retractors



06-184
KOCHER
sharp
205 mm



06-185
KOCHER
sharp
220 mm



06-186
KOCHER
sharp
220 mm



06-187
VOLKMANN
blunt
220 mm



06-188
VOLKMANN
sharp
220 mm



06-189 - 06-196
VOLKMANN
225 mm



Sharp



06-189
9 x 8 mm



06-190
9 x 13 mm



06-191
9 x 19 mm



06-192
9 x 29 mm



Blunt



06-193
8,5 x 8 mm



06-194
8,5 x 13 mm

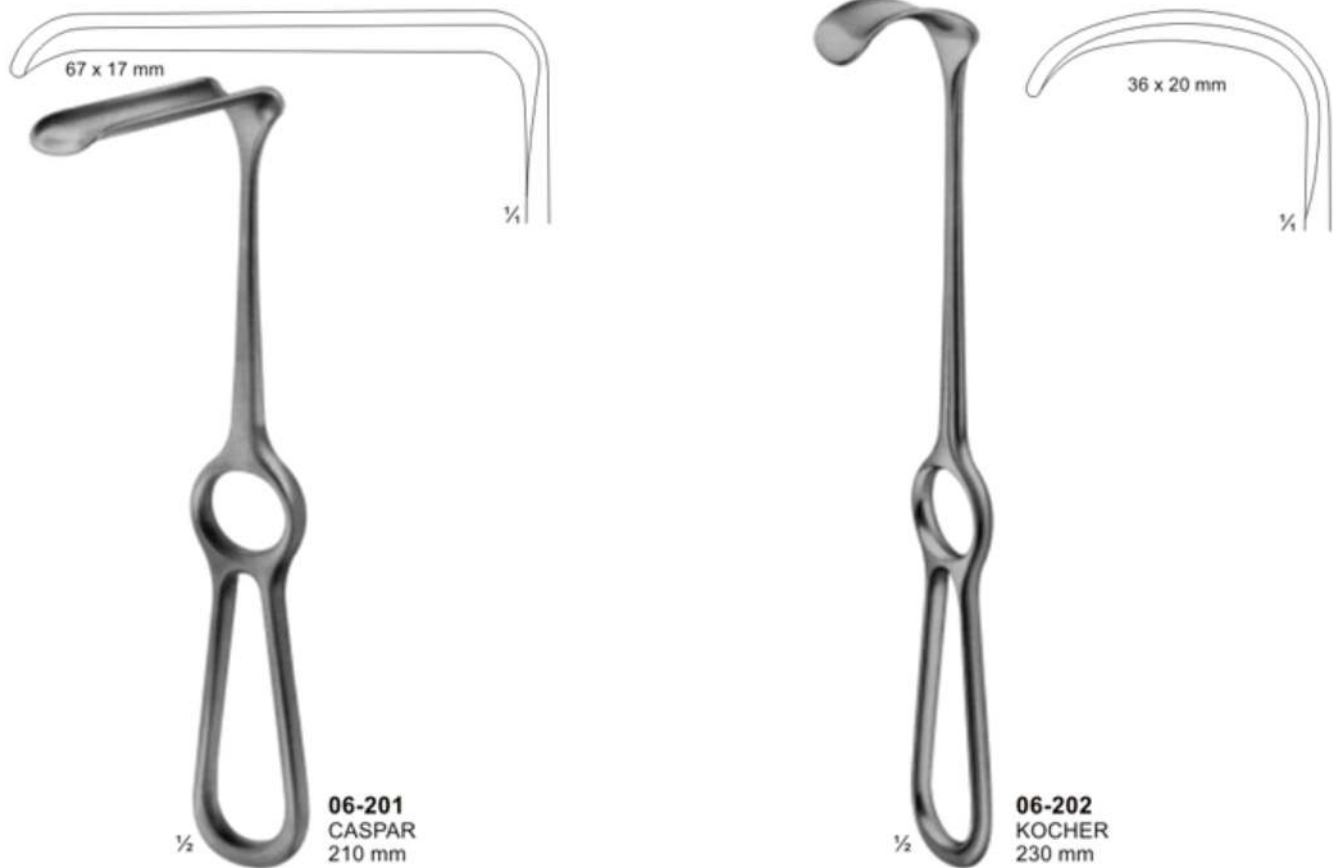
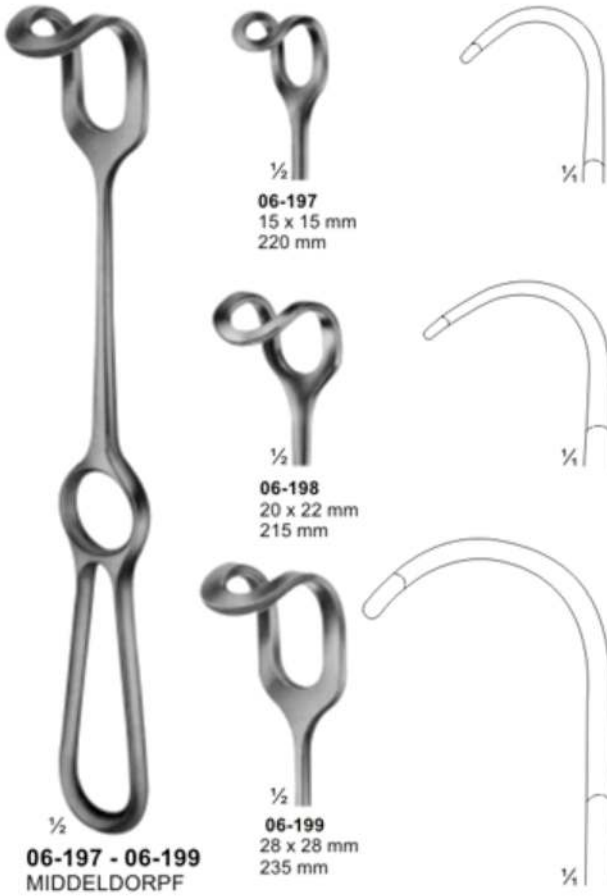


06-195
8,5 x 19 mm



06-196
8,5 x 29 mm

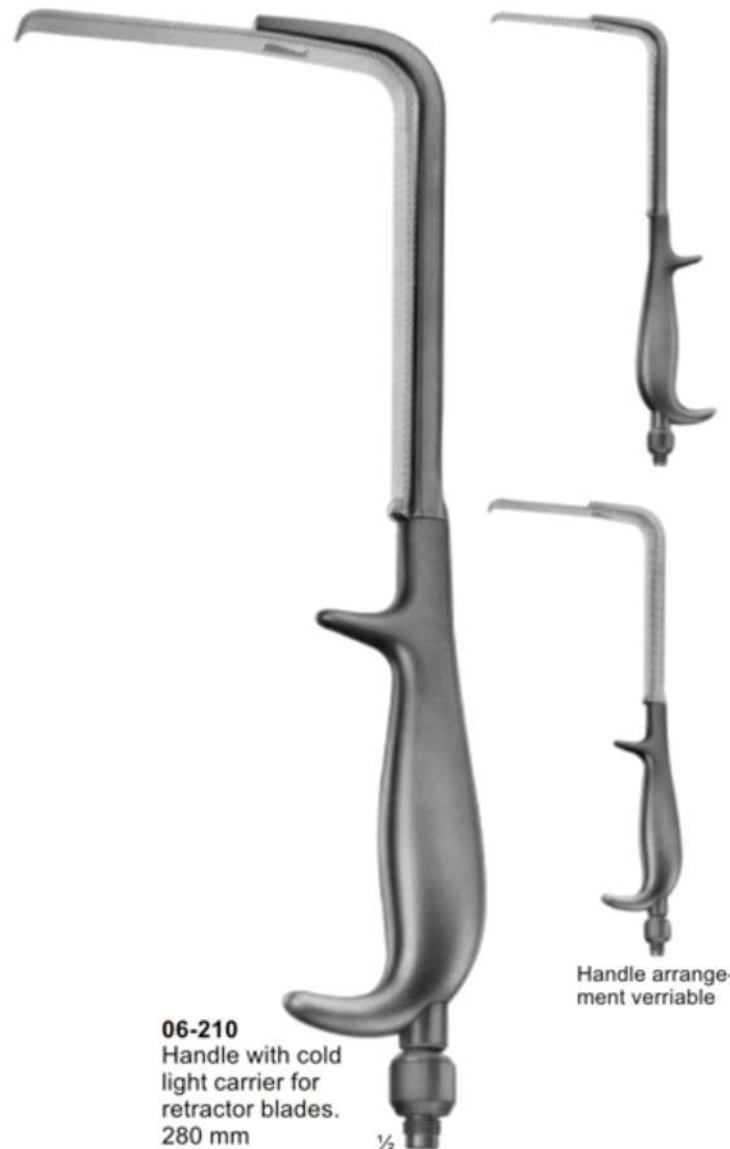
Retractors



Retractors, Vario Retractor System



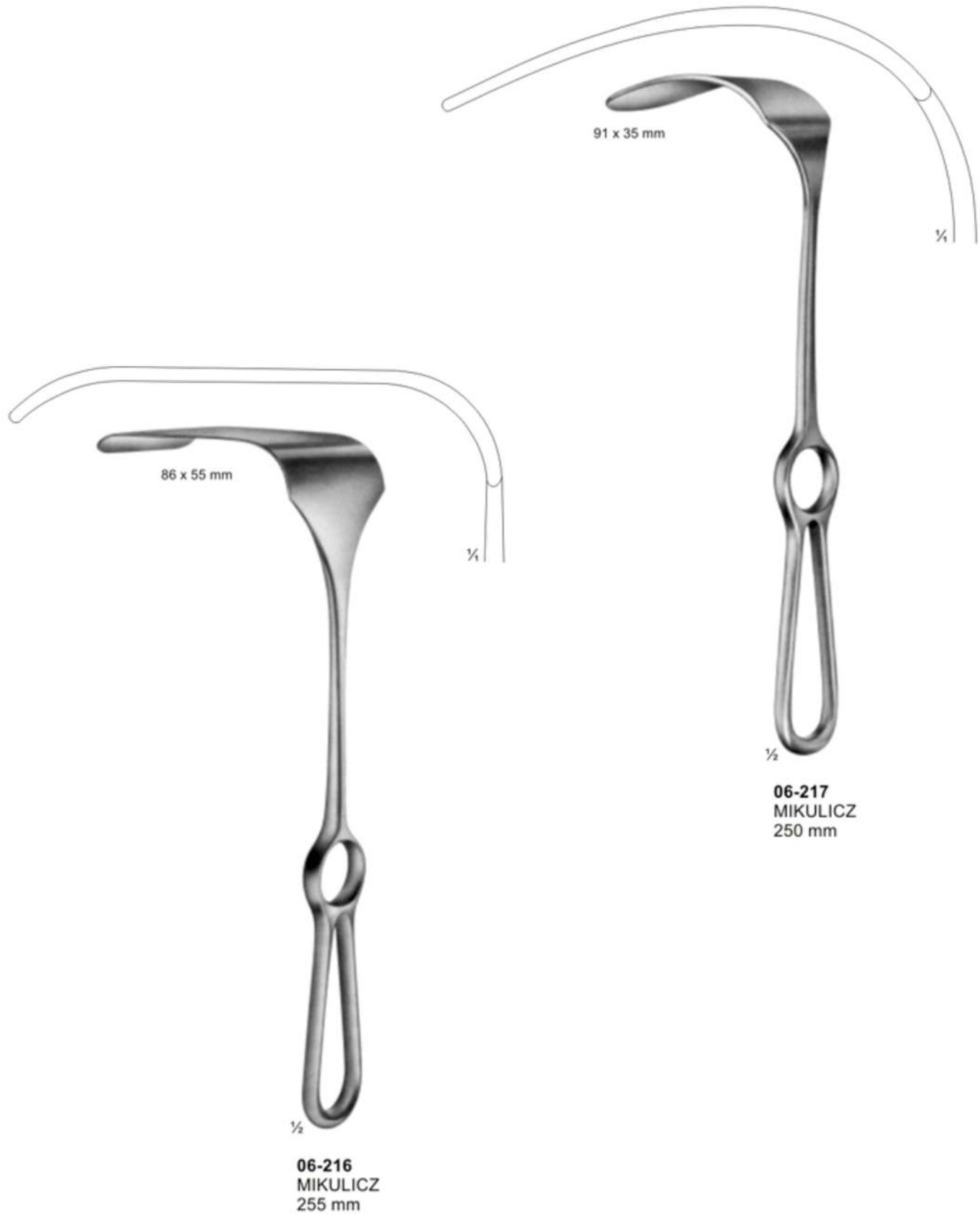
- 06-203-06-209**
 BRUNNER
 275 mm
- 06-203 80 x 20
 - 06-204 100 x 25
 - 06-205 120 x 25
 - 06-206 130 x 30
 - 06-207 140 x 30
 - 06-208 160 x 30
 - 06-209 180 x 30



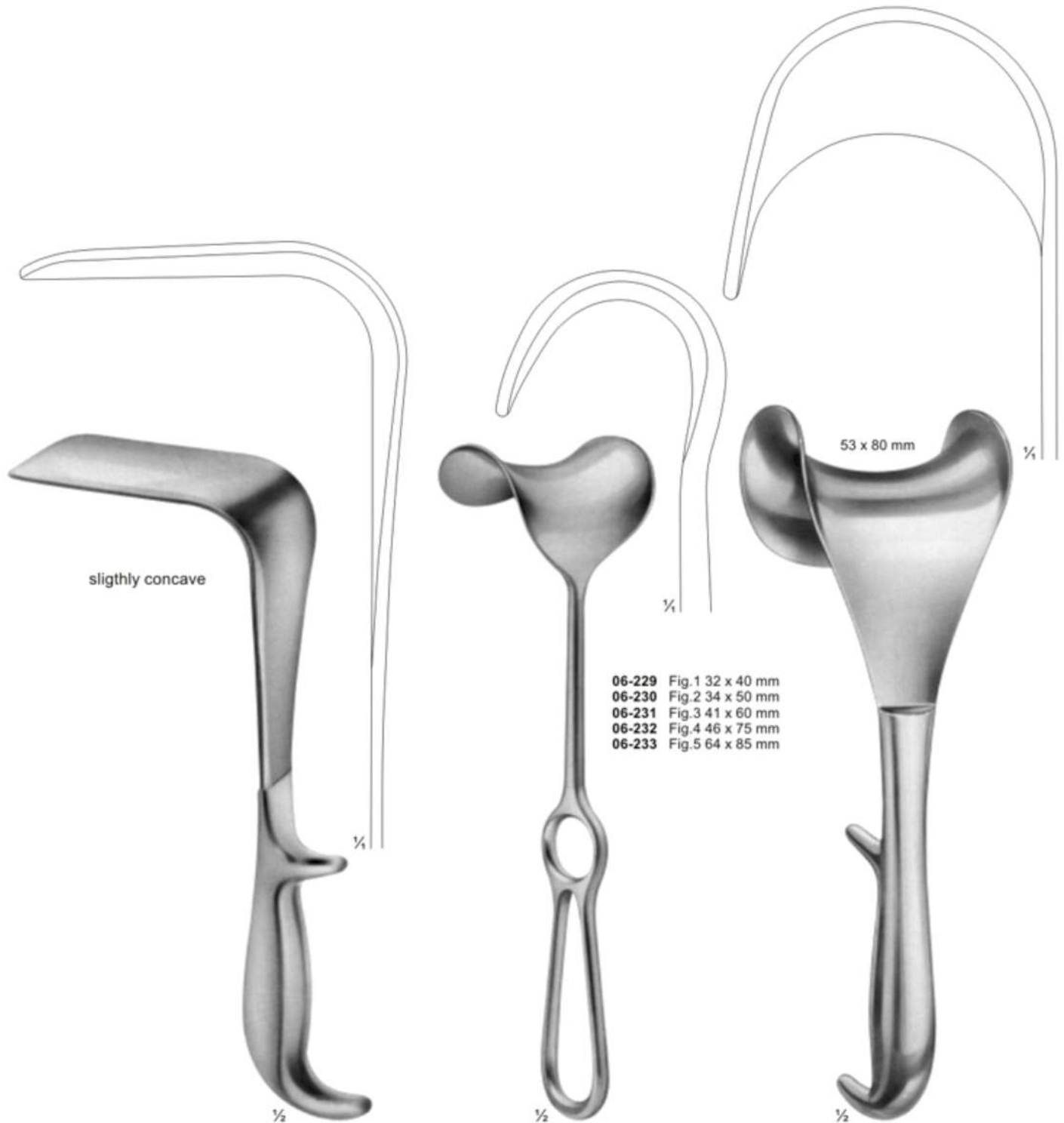
Retractors, Lung Spatulas



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



Retractors, Abdominal Retractors



- 06-229 Fig.1 32 x 40 mm
- 06-230 Fig.2 34 x 50 mm
- 06-231 Fig.3 41 x 60 mm
- 06-232 Fig.4 46 x 75 mm
- 06-233 Fig.5 64 x 85 mm

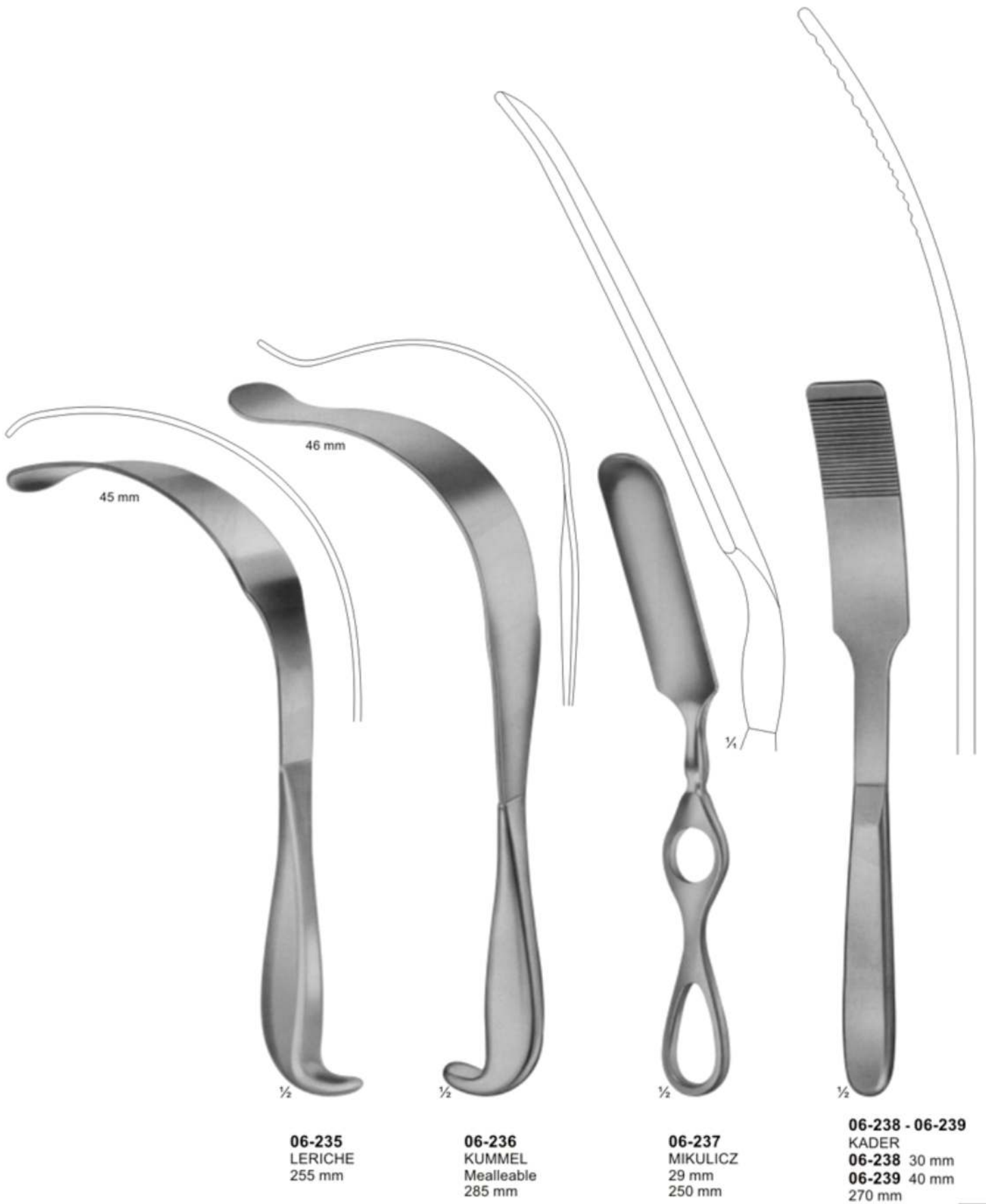
06-218 - 06-228
DOYEN
240 mm

06-229 - 06-233
FRITSCH
240 mm

06-234
DOYEN
250 mm

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

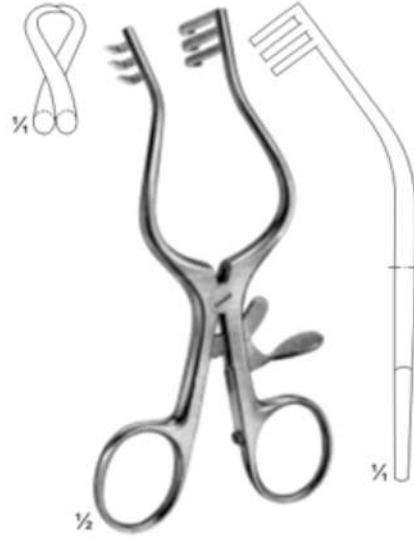
Abdominal- and Intestinal Spatulas
Bauch- und Darmspatel



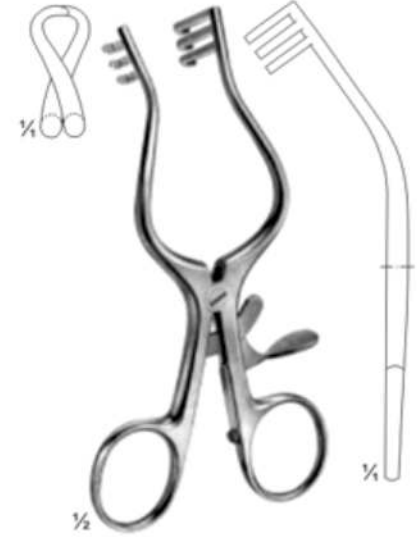
Self-Retaining Retractors



06-240
WEITLANER
sharp
130 mm



06-241
WULLSTEIN
sharp
130 mm



06-242
WULLSTEIN
blunt
130 mm



06-243
WEITLANER
sharp
165 mm



06-244
PLESTER
blunt
110 mm

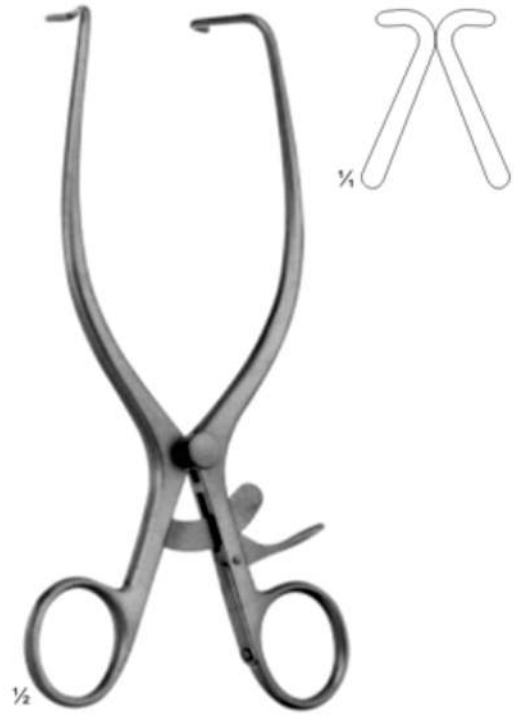


06-245
PERKINS
blunt
130 mm

Special Retractors



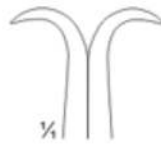
06-246
JOLL (FRIEDMAN)
Thyroid- and vaginal retractor
155 mm



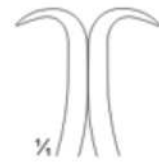
06-247
JACKSON BURROWS
Retractor, blunt
185 mm



06-248
GELPI
Vaginal retractor
135 mm



06-249
GELPI
Skin- and vaginal retractor
175 mm



06-250
DE BAKEY
Femur retractor
145 mm

Lamina Spreaders



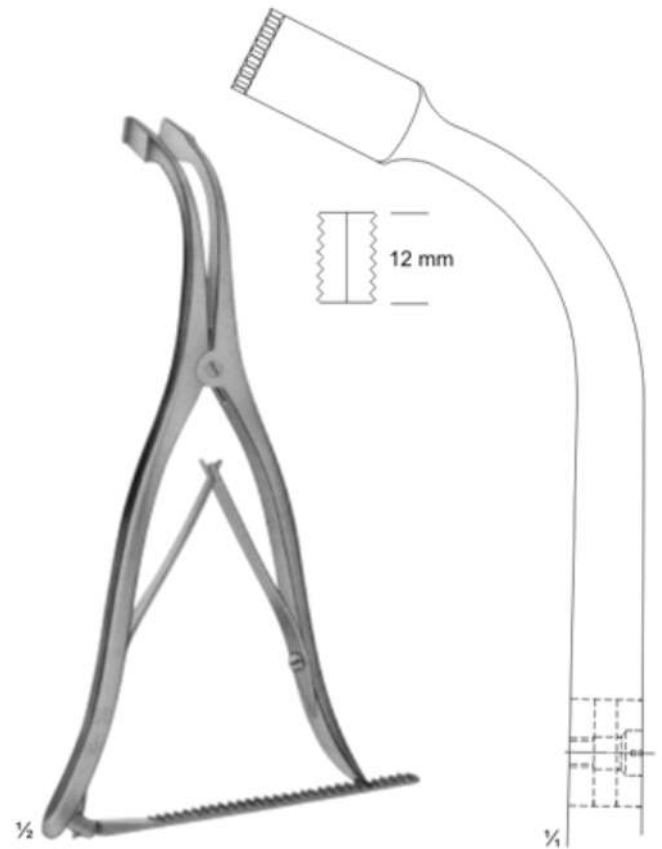
06-251
CLOWARD
155 mm



06-252
CLOWARD
135 mm



06-253
INGE
170 mm

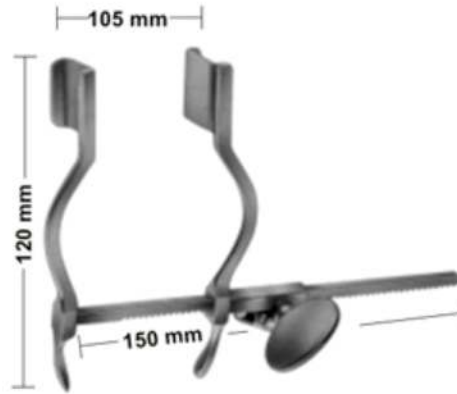


06-254
INGE
275 mm

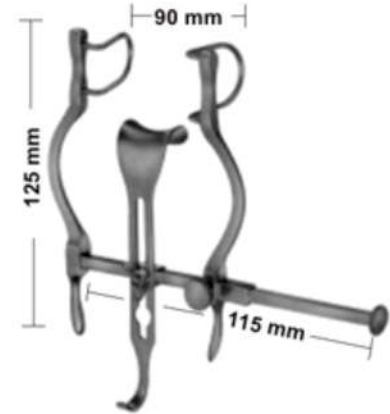
Abdominal Retractors



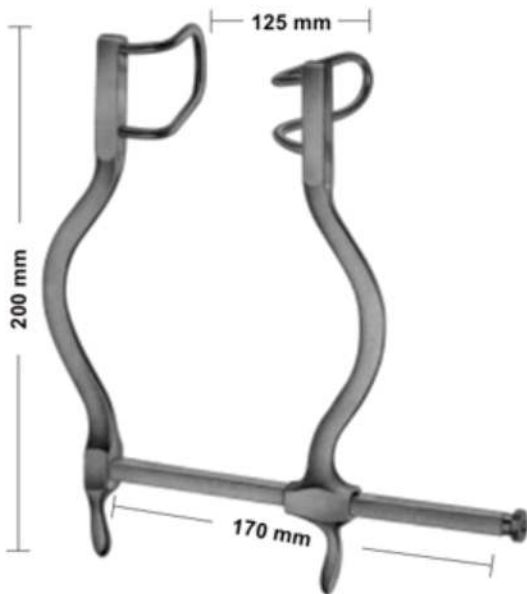
06-255
GOSSET
Blades: 38 mm deep



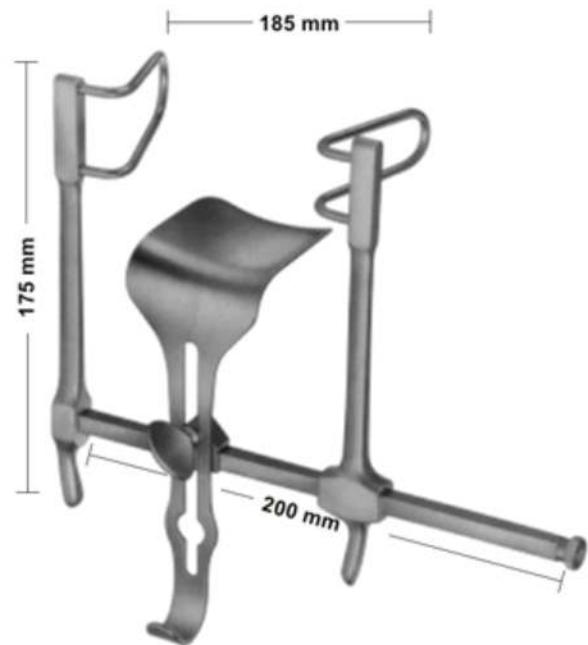
06-256
HERTZLER
Blades 20 X 25 mm



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

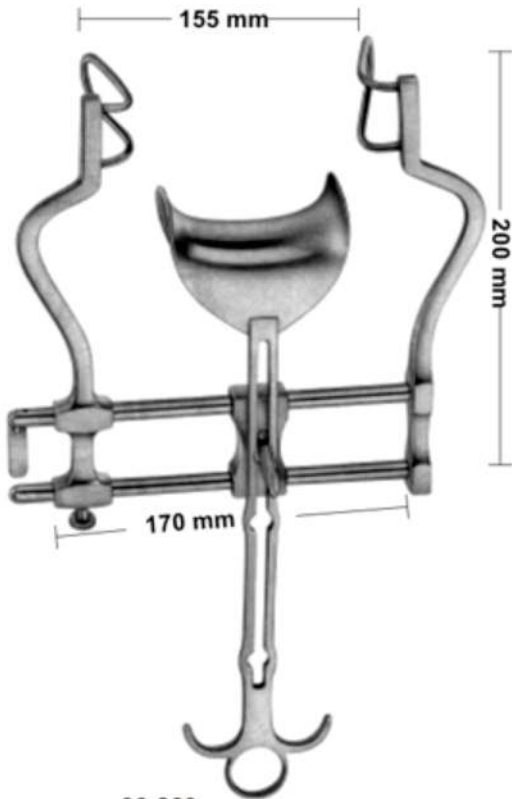


06-258
GOSSET
Blades: 55 mm deep

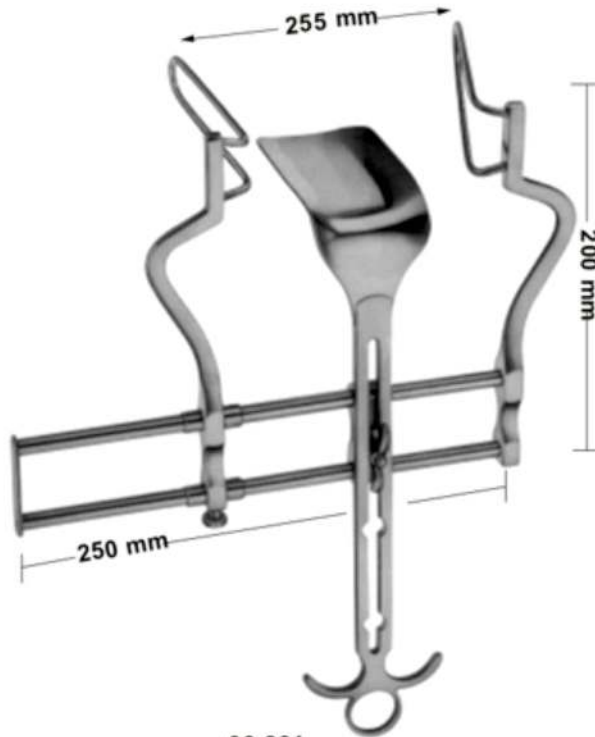


06-259
GOSSET
Lateral blades 58 mm deep
Center blade 59 x 57 mm

Abdominal Retractors



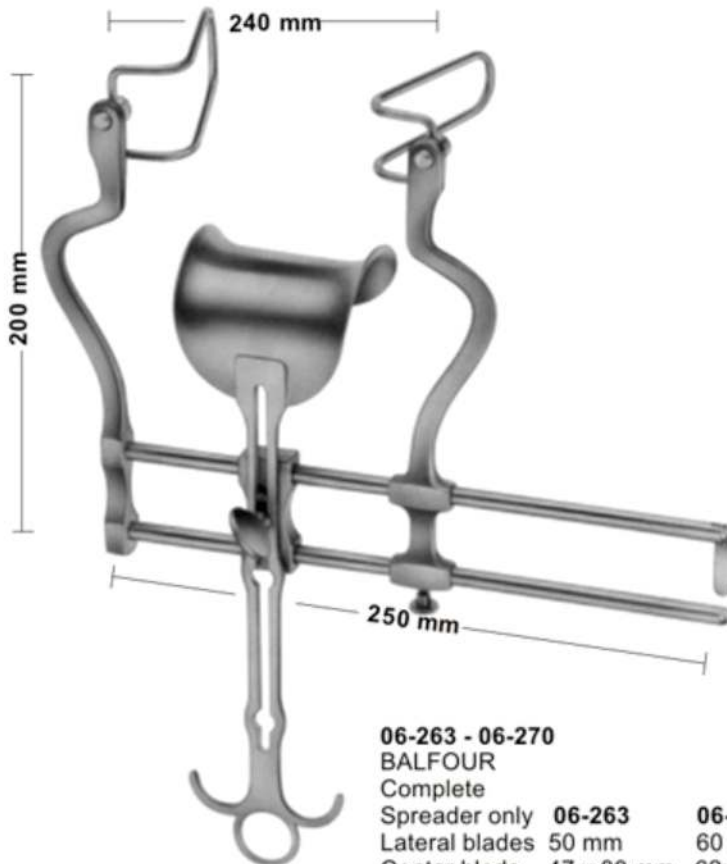
06-260
BALFOUR
Lateral blades 60 mm deep
Center blade 47 x 80 mm



06-261
BALFOUR
Lateral blades 105 mm deep
Center blade 107x 59 mm



06-262
Center blade only
54x80 mm



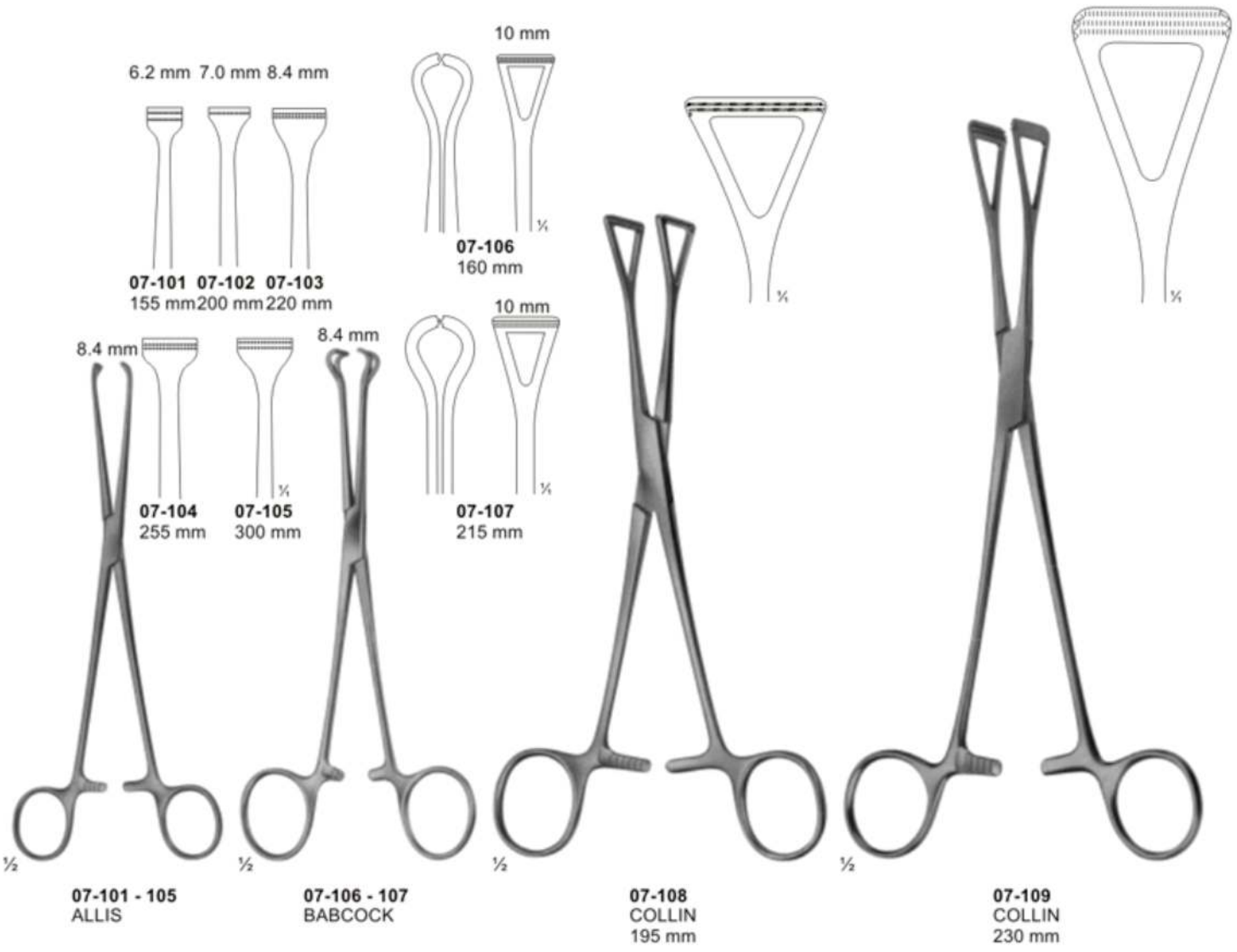
06-263 - 06-270
BALFOUR
Complete

Spreader only	06-263	06-264	06-265	06-266
Lateral blades	50 mm	60 mm	75 mm	90 mm
Center blade	47 x 80 mm	62x76 mm	80x80 mm	80x80 mm



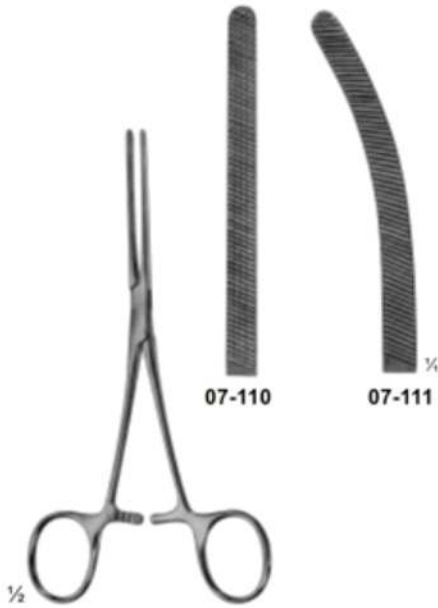
Lateral blades
06-267 50 mm deep
06-268 60 mm deep
06-269 75 mm deep
06-270 90 mm deep
 Sales Unit of blades: PR = pair

Organ-, Tissue and Intestinal Grasping Forceps



Intestinal Clamps, soft elastic

ATRAUMATA

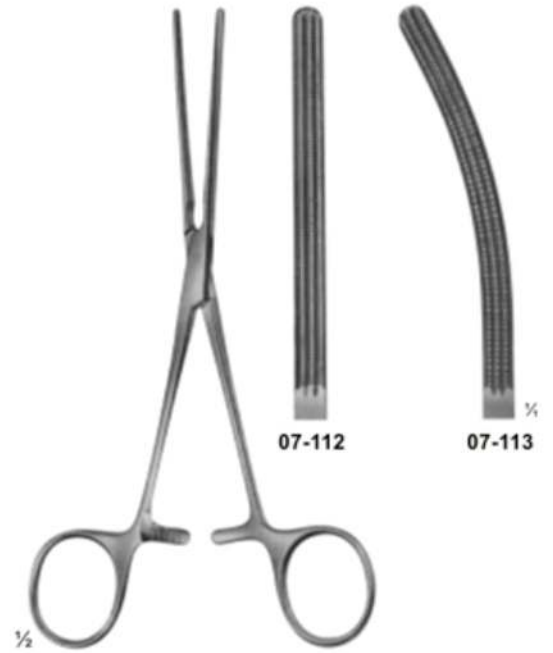


07-110

07-111

1/2

07-110 - 111
 DOYEN
 elastic
 165 mm



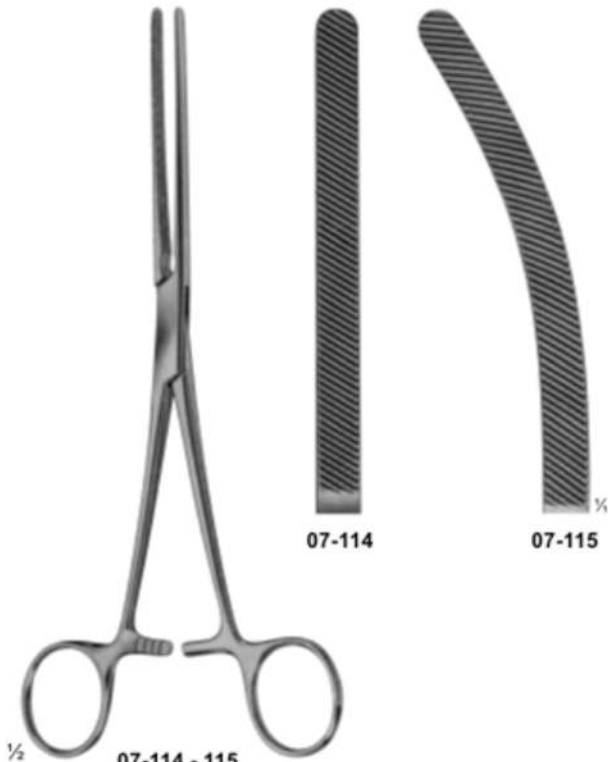
07-112

07-113

1/2

07-112 - 113
 DOYEN
 with elastic blades
 170 mm

ATRAUMATA



07-114

07-115

1/2

07-114 - 115
 HARTMANN
 with elastic blades
 200 mm



07-116

07-117

1/2

07-116 - 117
 HARTMANN
 with elastic blades
 200 mm

Intestinal and Pylorus Clamps



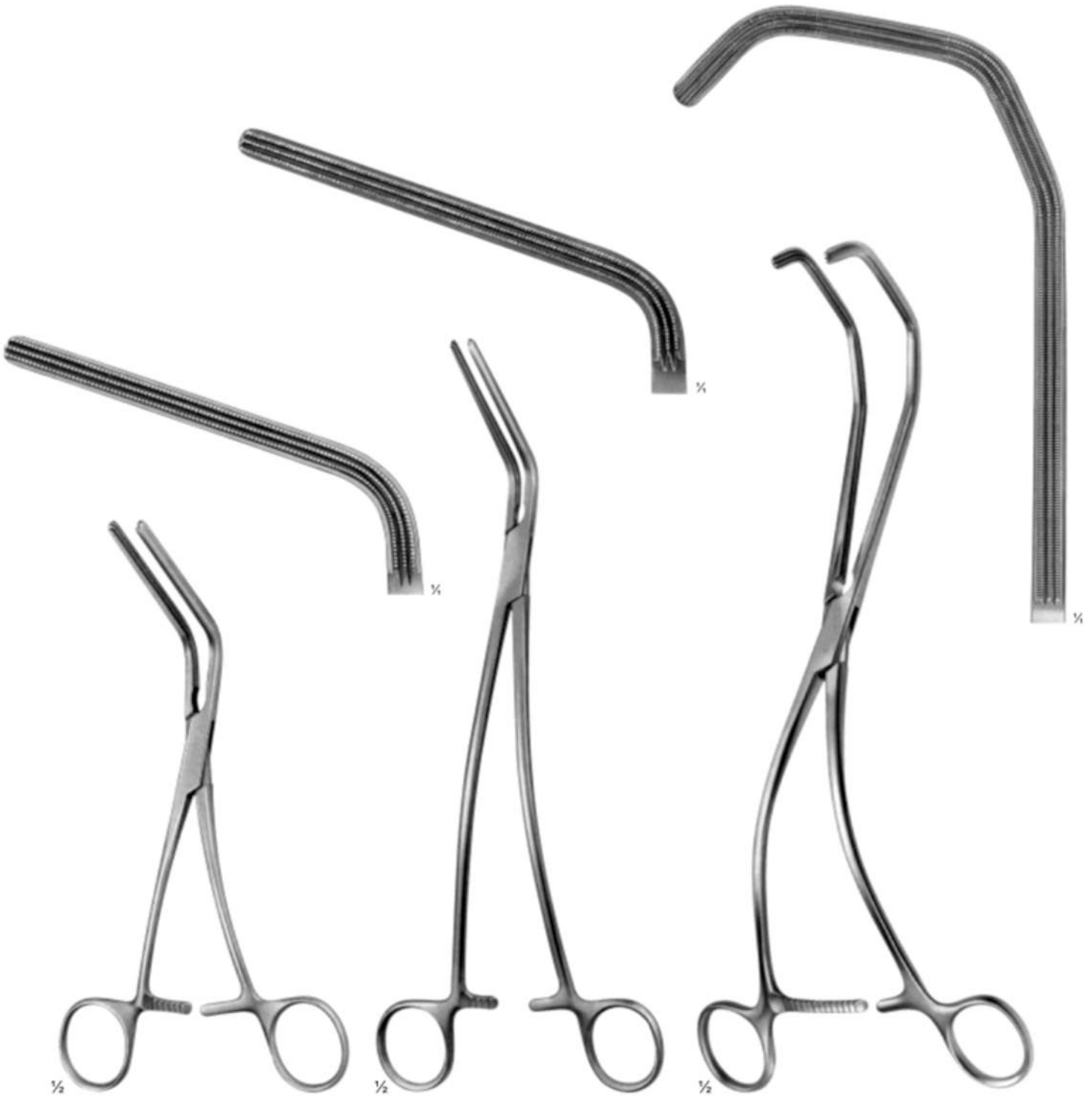
07-118
PAYR
Intestinal clamp
light pattern,
for children
180 mm

07-119
PAYR
200 mm

07-120
PAYR
275 mm

07-121
PAYR
Pylorus clamp
315 mm

ATRAUMATA
Sigmoid Anastomosis Forceps



07-122
MORRIS
175 mm

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

07-124
KERSTING
270 mm

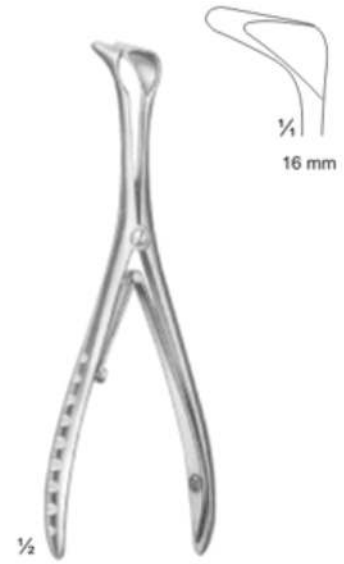
Nasal Specula



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



08-102
SIMS
160 mm



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



08-104
Killian

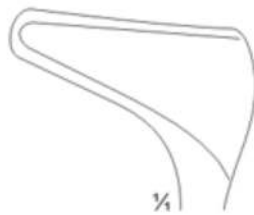


Fig. 1
14 cm 5 4/8"
35 mm



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

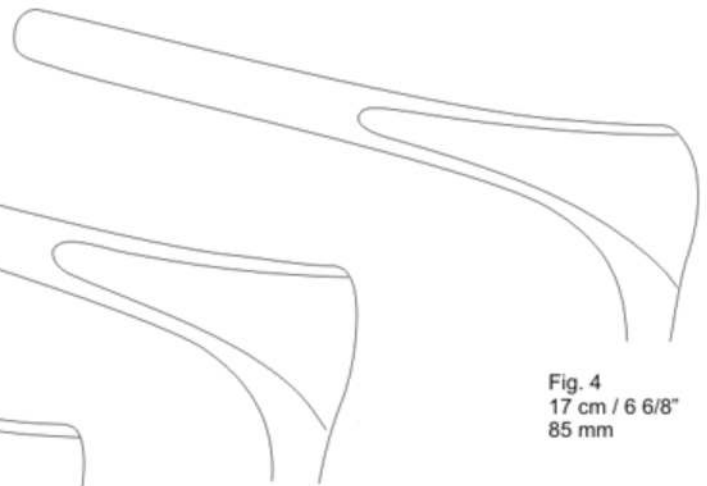


Fig. 3
16 cm / 6 2/8"
75 mm

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

Nasal Specula



08-105
Cottle

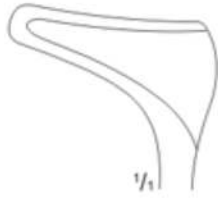


Fig. 1
13,5 cm / 5 3/8"
35 mm

1/2

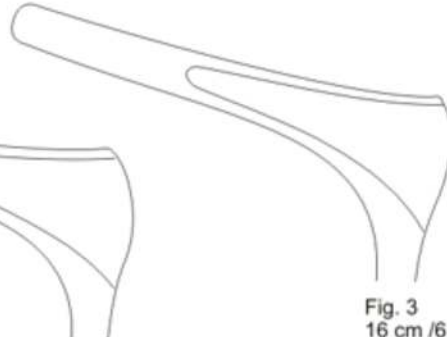


Fig. 2
14 cm / 5 4/8"
50 mm



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

1/2



Fig. 1
21,0 x 9,5 mm



Fig. 2
21,0 x 10,5 mm



Fig. 3
21,0 x 11,5 mm



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

1/2

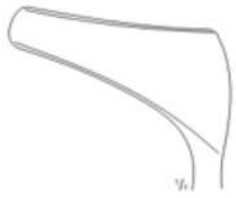


Fig. 1
30 mm

1/2



08-108
Hartmann-Halle
16 cm / 6 1/8"



Fig. 1
27 mm

1/2



Fig. 2
31 mm

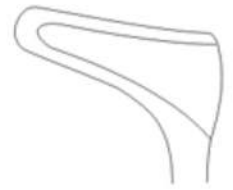


Fig. 3
35 mm

Anuscopes-Sphincteroscopes



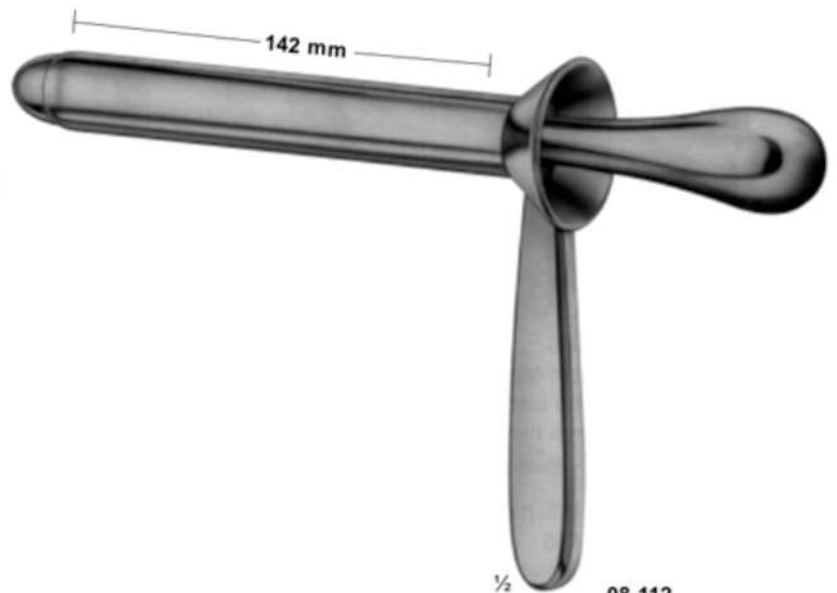
08-109
IVES-FANSLER
Anuscops
145 mm
Ø24mm



08-110
KELLY
Sphincteroscope
160 mm
Ø21mm



08-111
KELLY
Sphincteroscope
160 mm
Ø27mm

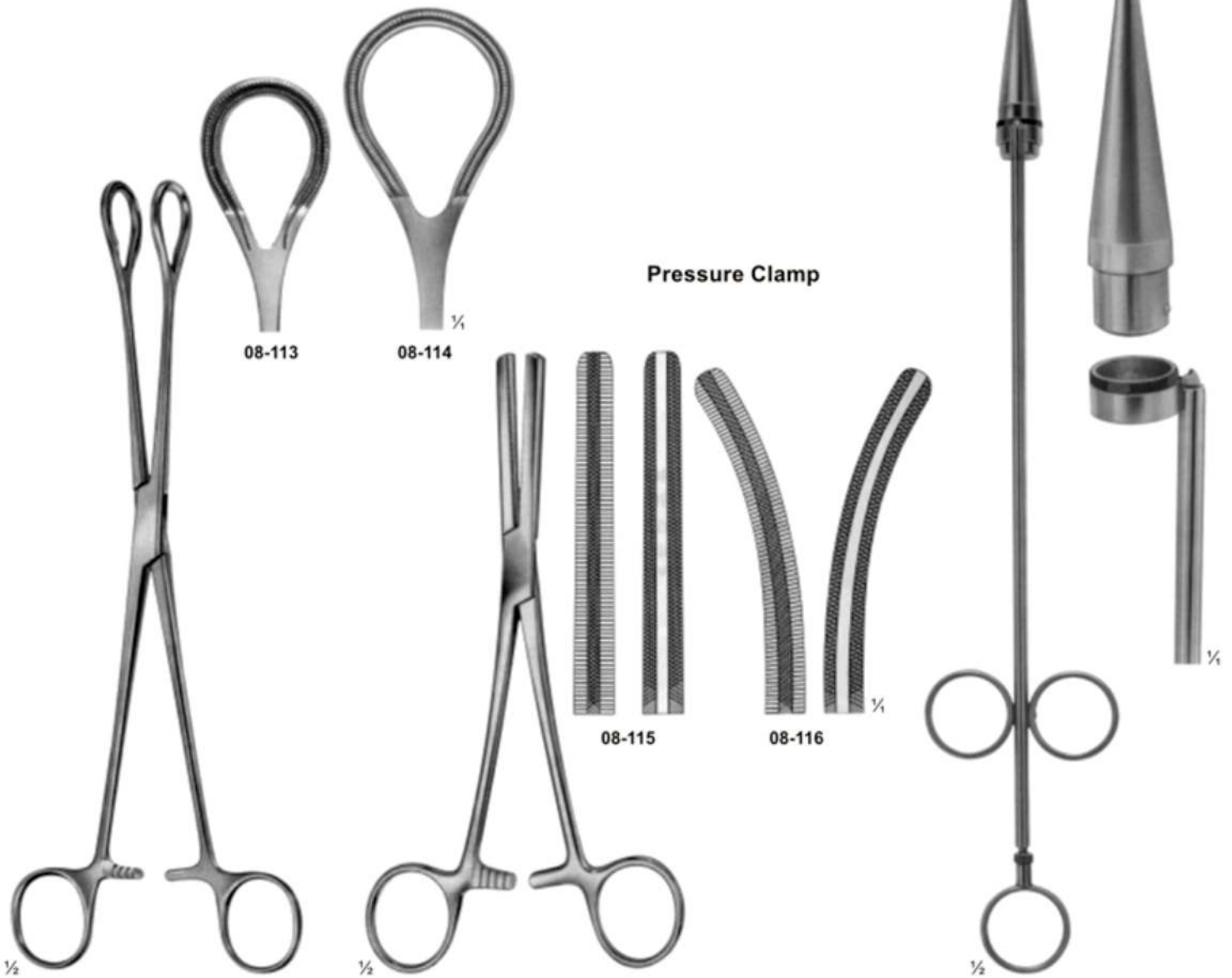


08-112
KELLY
Proctoscope
140 mm
Ø22mm

Haemorrhoidal Forceps

ATRAUMATA

Pressure Clamp



08-113 - 08-114
250 mm
270 mm

08-115 - 08-116
FERGUSSON
200 mm

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

Gall Duct Forceps



08-118
 LOWER
 180 mm



08-119
 LAHEY (SWEET)
 190 mm



08-120
 LAHEY
 220 mm

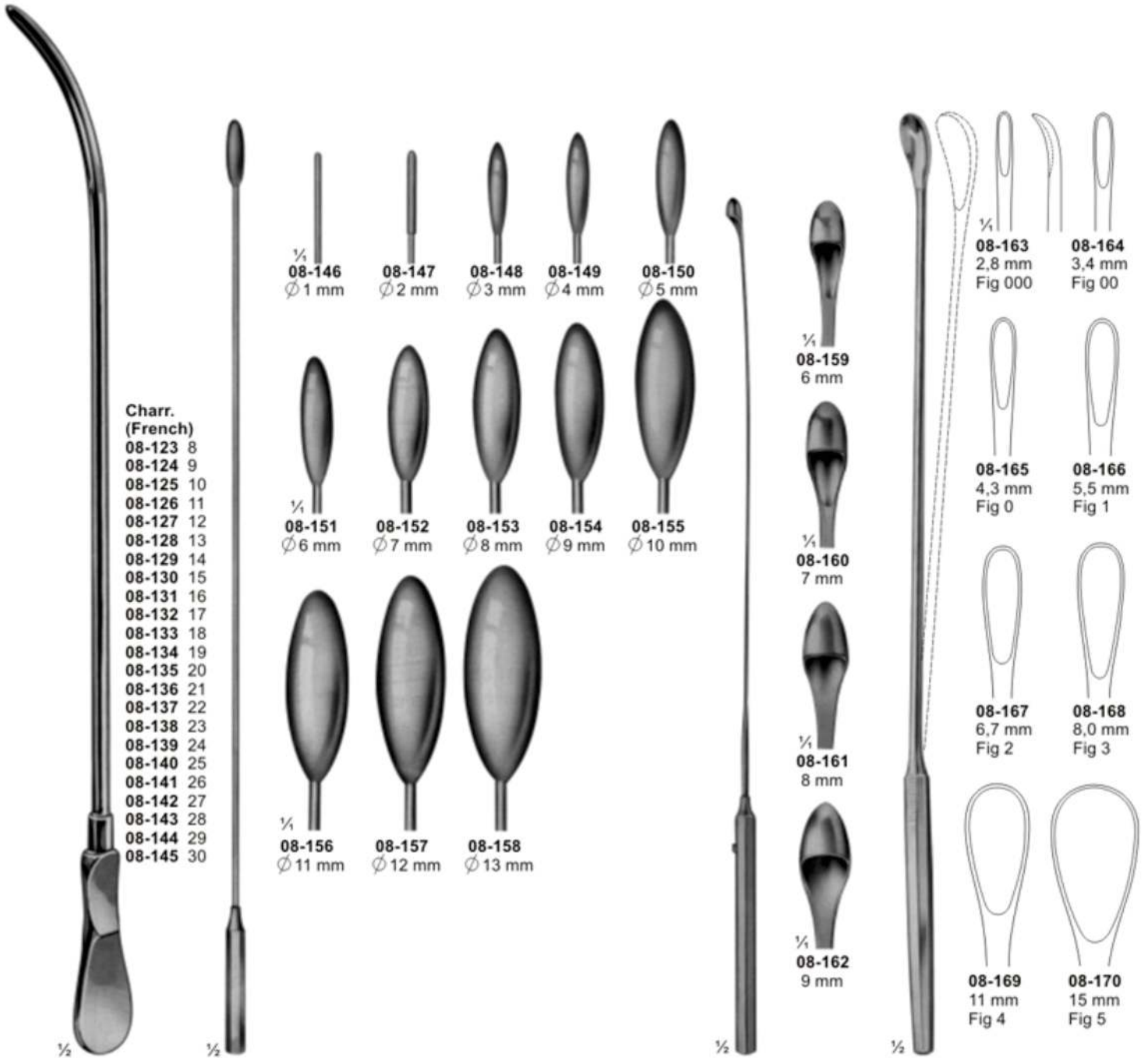


08-121
 DESJARDINS
 Gall duct-and cystic forceps
 210 mm



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

Gall Duct Dilators and Gall Stone Scoops



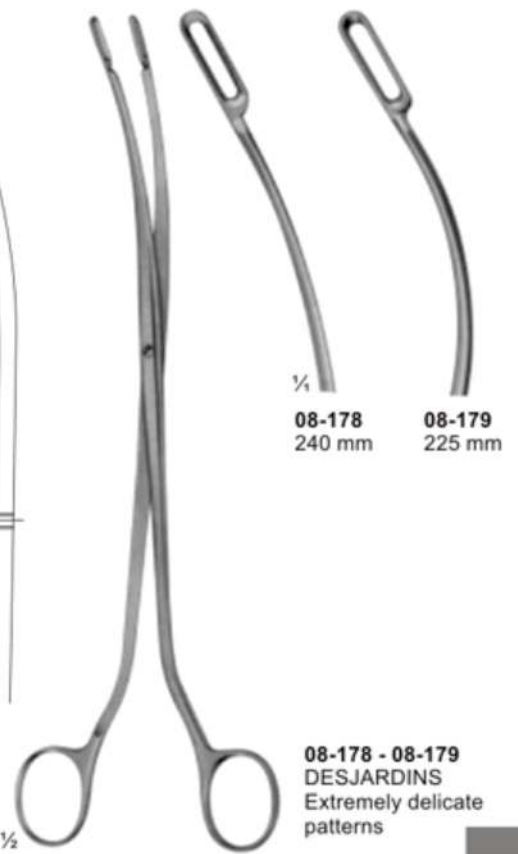
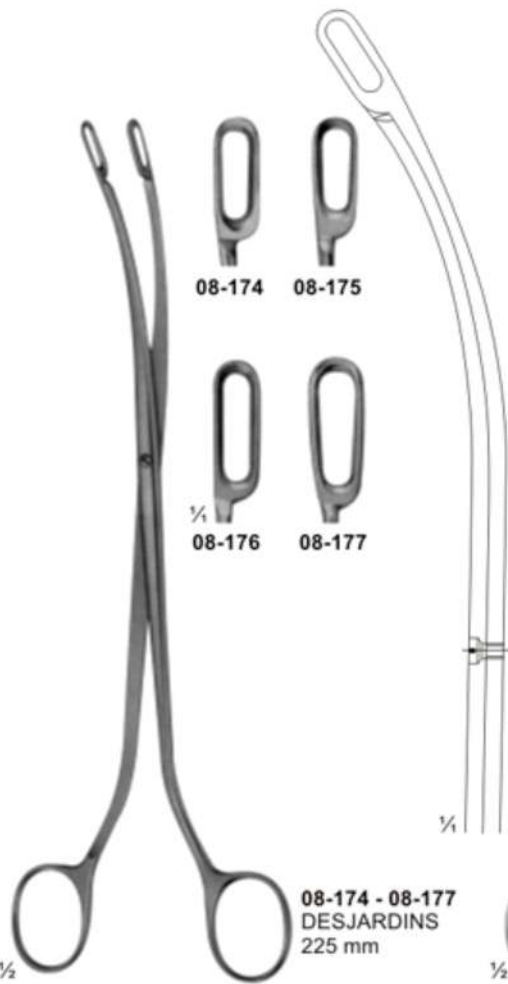
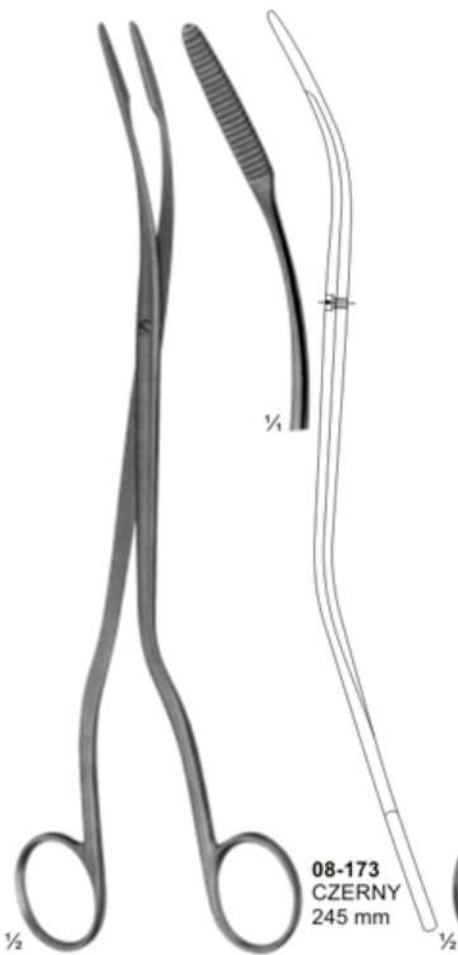
08-123 - 08-145
DITTEL
Metall bougies and
dilating sounds, stiff
345 mm

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

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

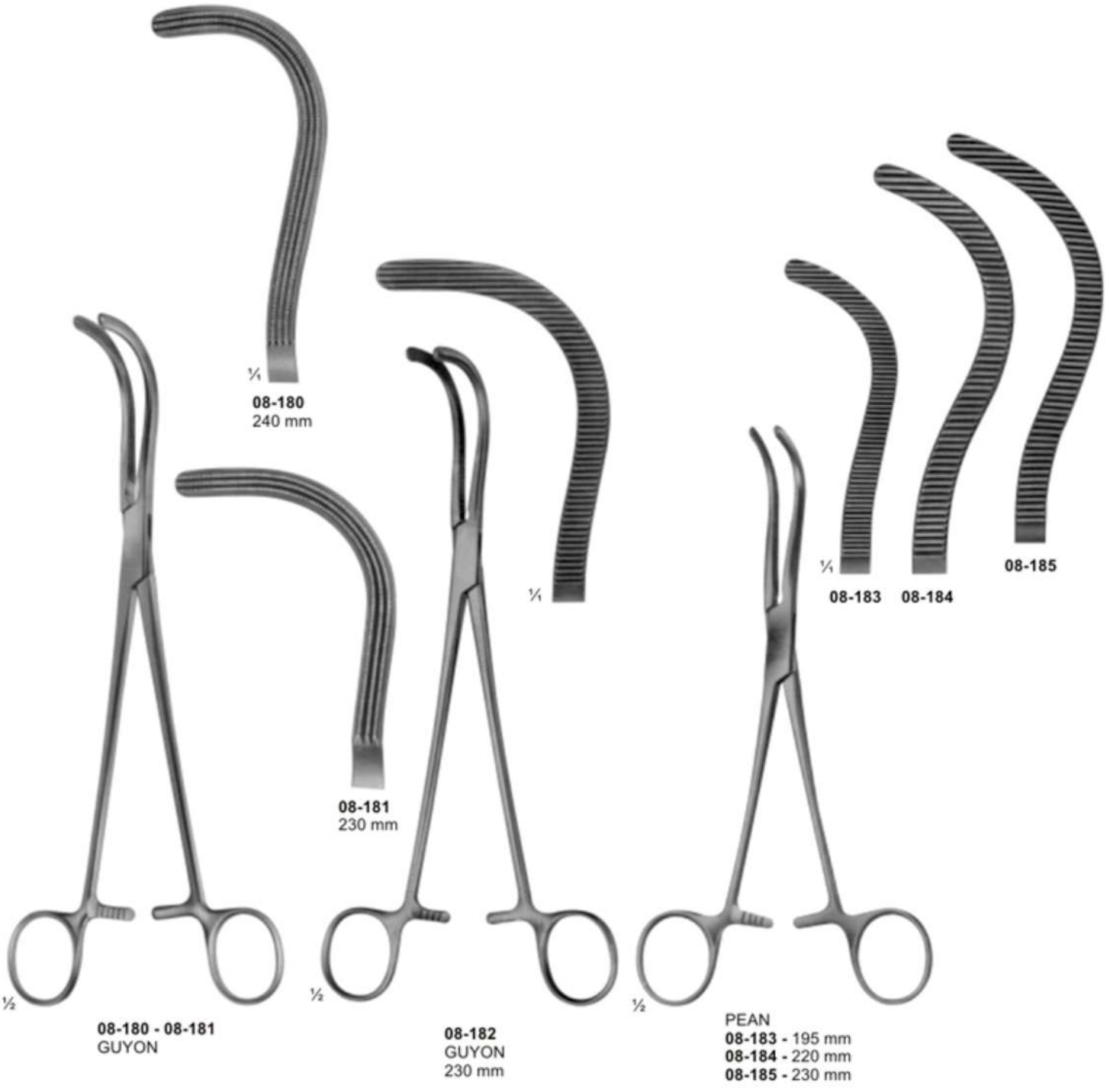
08-163 - 08-170
LUER-KOERTE modif
with malleable shaft
310 mm

Gall Stone Forceps



Kidney Clamps

ATRAUMATA



1/4
08-180
 240 mm

08-181
 230 mm

1/4

1/4

08-183 **08-184**

08-185

1/2
08-180 - 08-181
 GUYON

08-182
 GUYON
 230 mm

1/2
 PEAN
08-183 - 195 mm
08-184 - 220 mm
08-185 - 230 mm

Kidney Stone Forceps



08-186



08-187



08-188



1/4
08-189



08-190



08-191



1/4
08-192



1/2

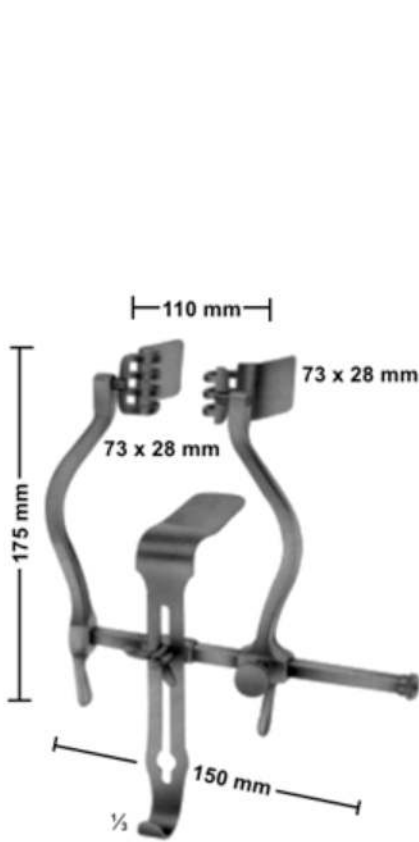
08-186 - 08-189
 RANDALL
 225 mm



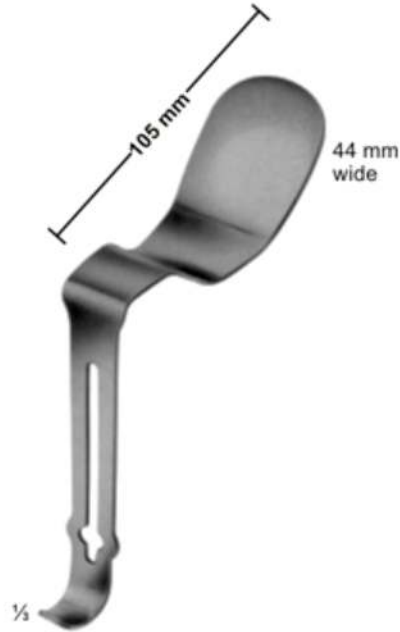
1/2

08-190 - 08-192
 RANDALL
 190 mm

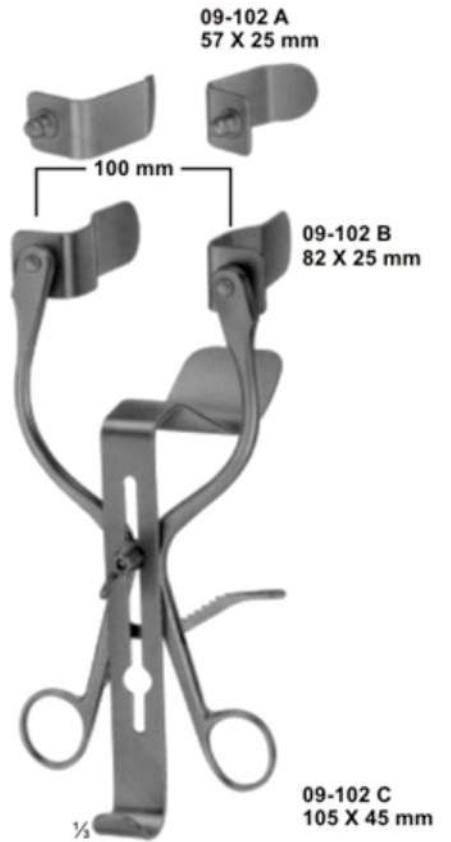
Bladder Retractors



09-101
JUDD-MASSON
Bladder-and suprapubic
retractor



09-102
MILLIN
Center bladder for
retro pubic prostatectomy



09-103
MILLIN
Bladder retractor, complete
105X45 mm



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

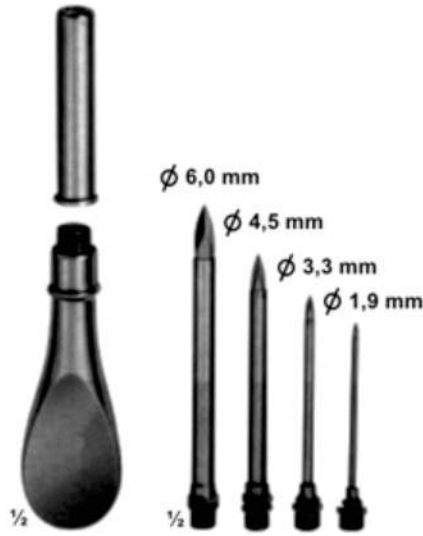


09-105
KOCHER
Bladder spatula
235 mm

Trocars



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



09-107
Universal trocar
with 4 tips



NELSON

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



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



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



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



09-123
PIERCE
Antrum trocar
 ϕ 4,0 mm

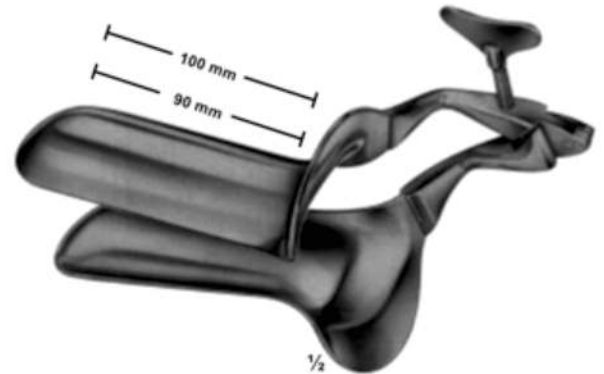


09-124
COAKLEY
Antrum trocar
3,0 mm

Vaginal Specula



10-101
COLLIN
for children
53 x 10 mm



10-102 - 105
COLLIN

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



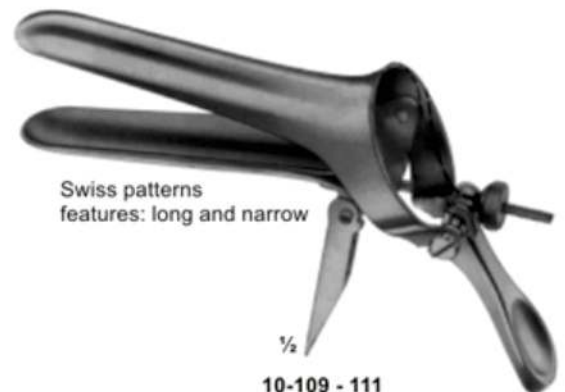
10-106
COLLIN
for virgins
95/85 x 18 mm



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

½



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

½



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

½



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

½



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

½



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

½



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

½

Vaginal Specula- upper and lower blades



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

10-132 - 10-135
 KRISTELLER
 Upper blades

10-136 - 10-139
 KRISTELLER
 Lower blades

Vaginal Specula



Vaginal Retractors



½
10-154
JOLL (FRIEDMAN)
155 mm



½
10-155
RICHTER
170 mm



½
10-156
GELPI
135 mm



½
10-157
GELPI
175 mm

Uterine Dilators



½

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

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



½

11-144 - 152
HEGAR
205 mm

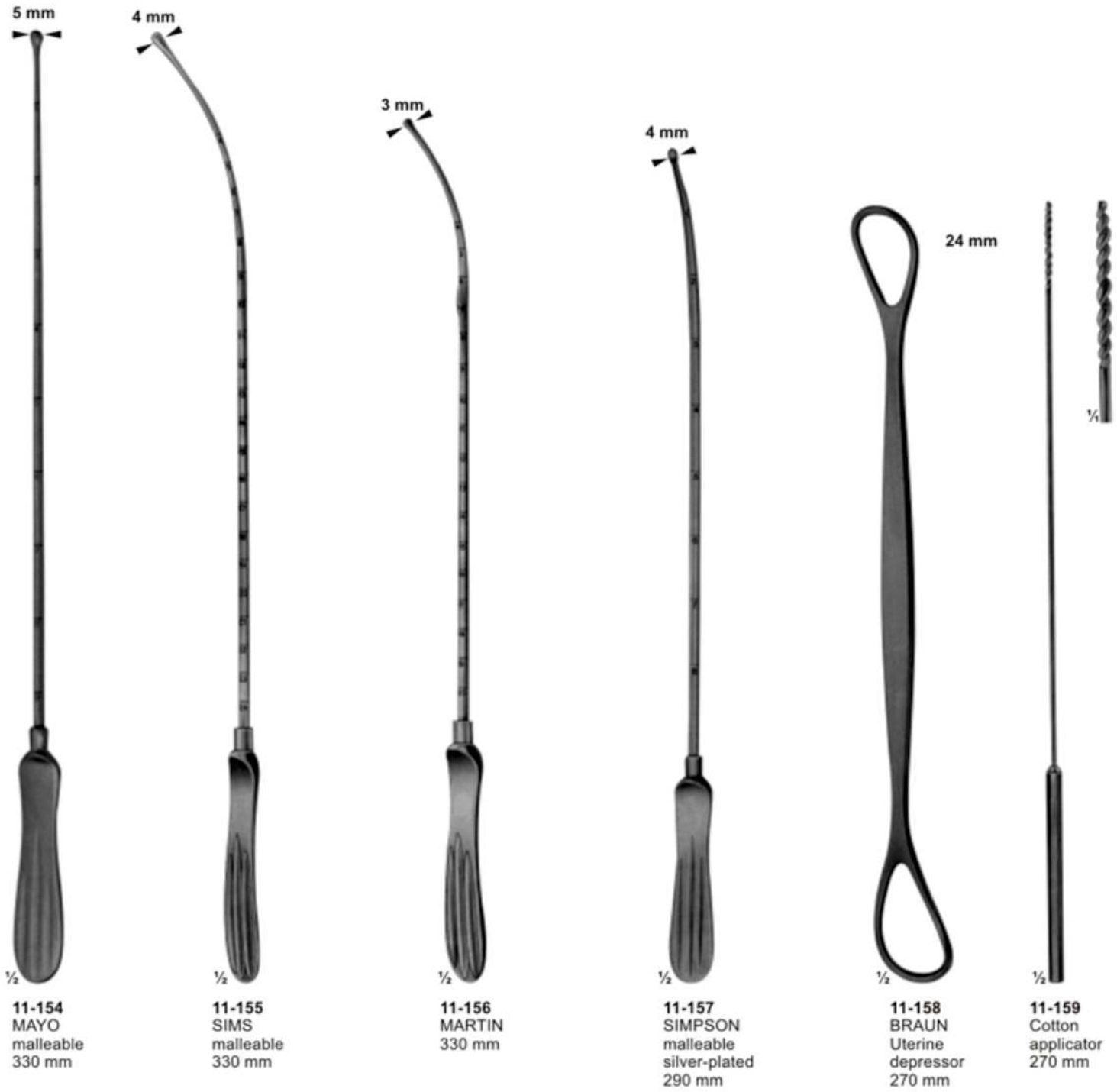
11-144	1+2	mm
11-145	3+4	mm
11-146	5+6	mm
11-147	7+8	mm
11-148	9+10	mm
11-149	11+12	mm
11-150	13+14	mm
11-151	15+16	mm
11-152	17+18	mm



¼

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

Uterine Probes

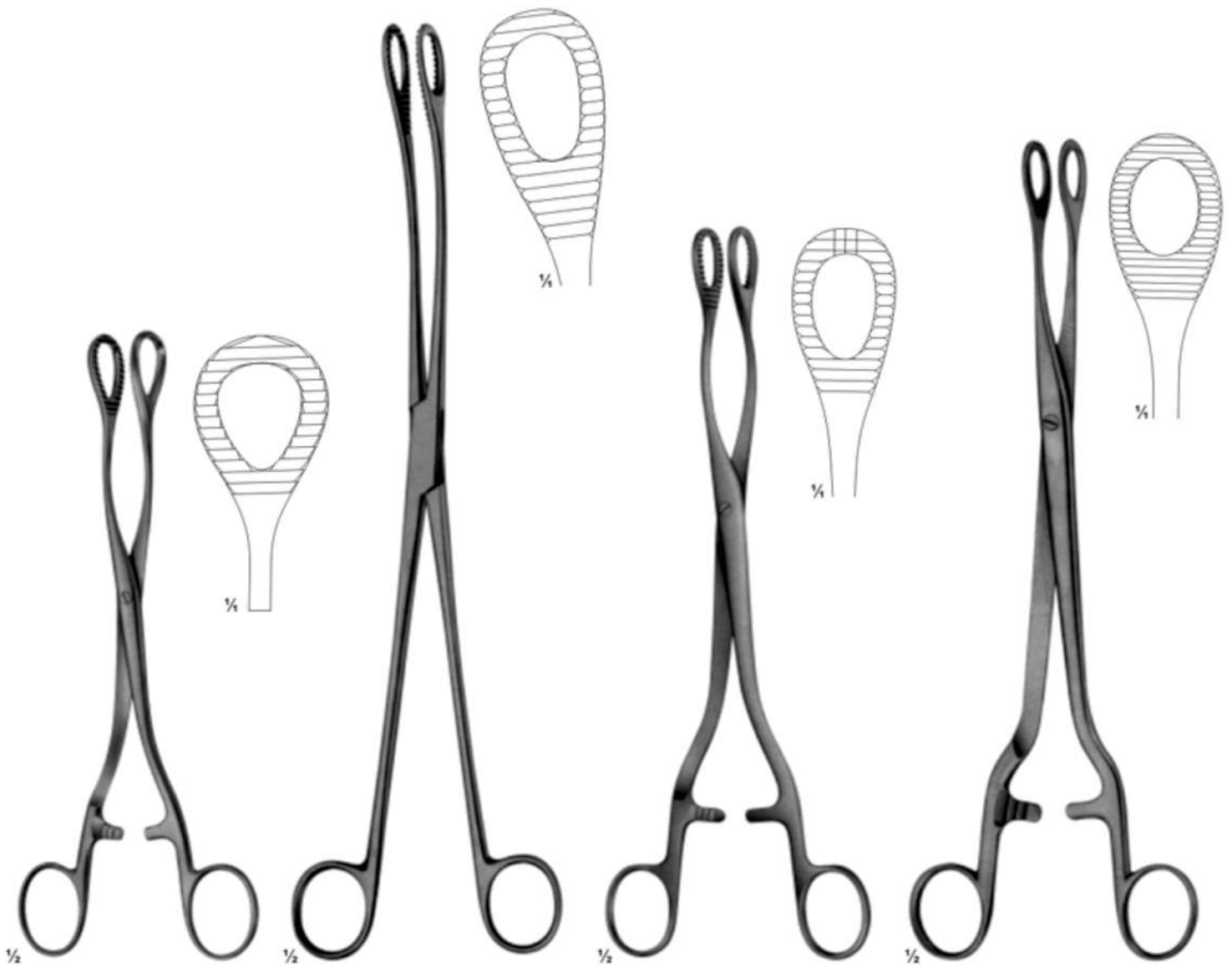


Uterine Dressing Forceps



Jaws with longitudinal groove

Polypus-and Ovum Forceps



11-164
HEYWOOD-SMITH
200 mm

11-165
KELLY
320 mm

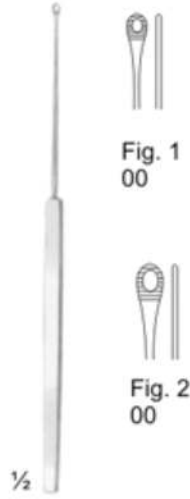
11-166
HEYWOOD-SMITH
250 mm

11-167
NOTO
280 mm

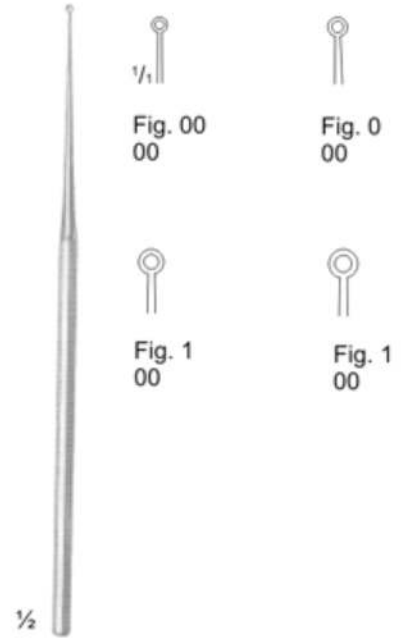
Ear Currettes



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



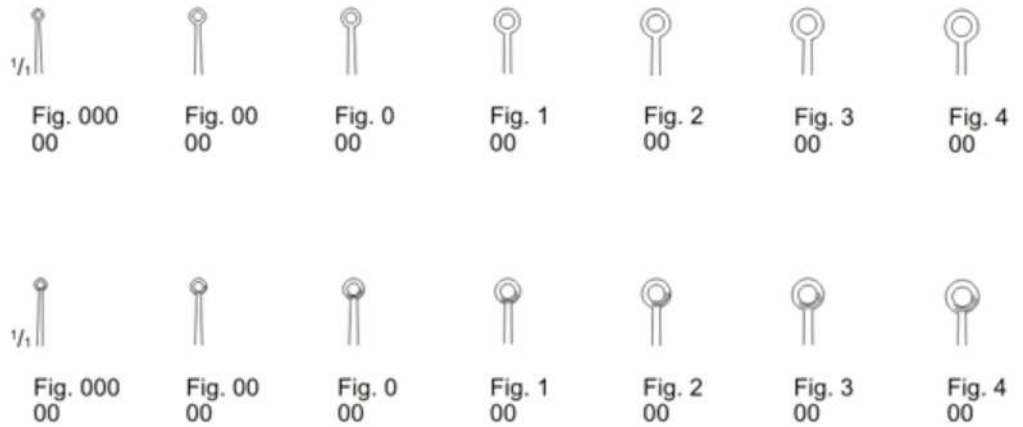
12-102
 Shapleigh
 15 cm / 5 1/8"



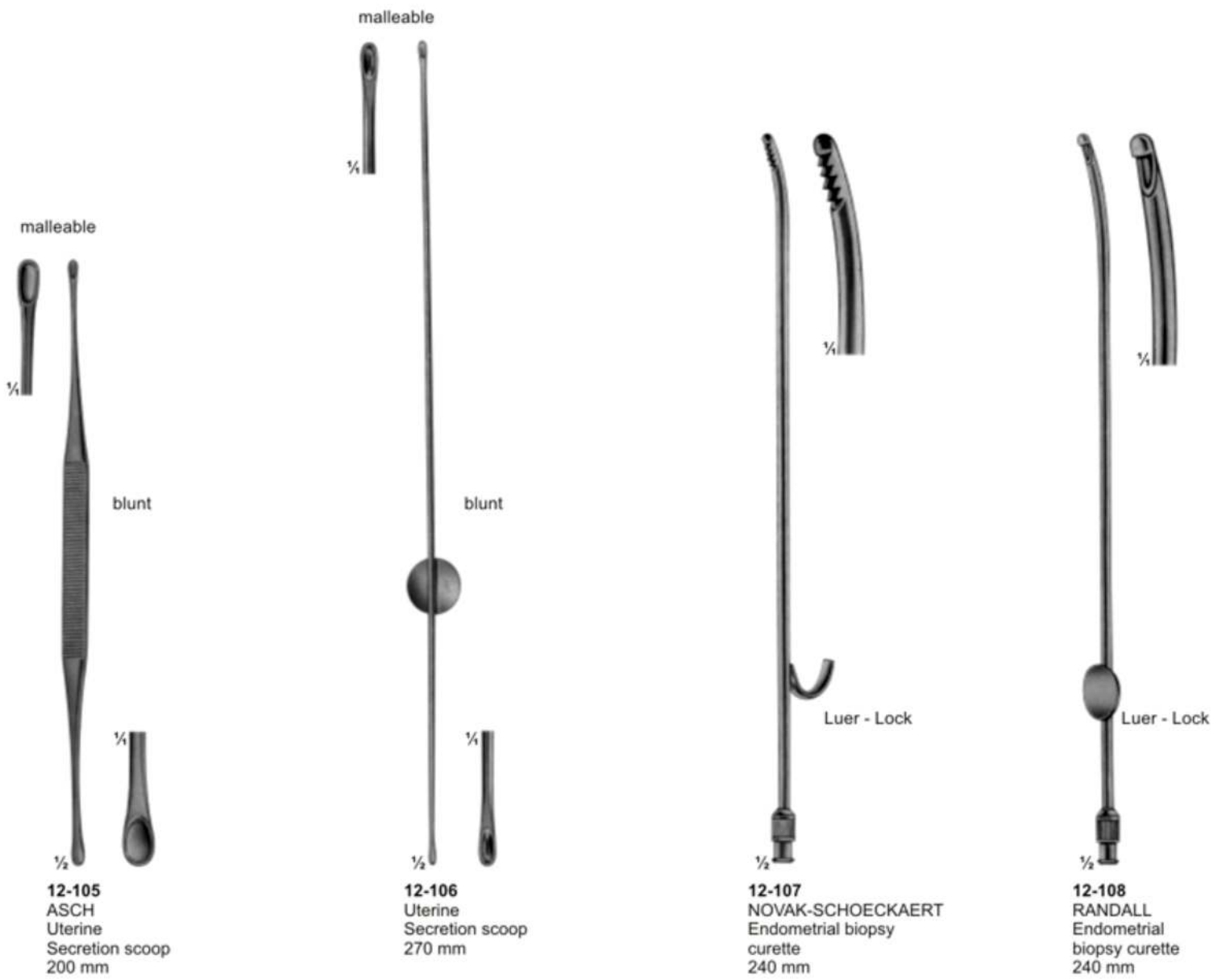
12-103
 Buck
 17cm / 6 6/8"



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



Biopsy Curettes



12-105
 ASCH
 Uterine
 Secretion scoop
 200 mm

12-106
 Uterine
 Secretion scoop
 270 mm

12-107
 NOVAK-SCHOECKAERT
 Endometrial biopsy
 curette
 240 mm

12-108
 RANDALL
 Endometrial
 biopsy curette
 240 mm

Ear Polypus Forceps



12-109
Hartmann-Wullstein
shaft length
85 mm



12-110
Hartmann-Wullstein
shaft length
85 mm



12-111
Hartmann
shaft length
85 mm



12-112
Hartmann
shaft length
85 mm

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



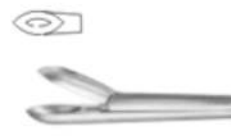
12-109 - 12-119



12-114
Hartmann-Herzfeil
2,0 mm
shaft length
85mm



12-115
Hartmann
3 mm
shaft length
85mm



12-116
shaft length
85mm

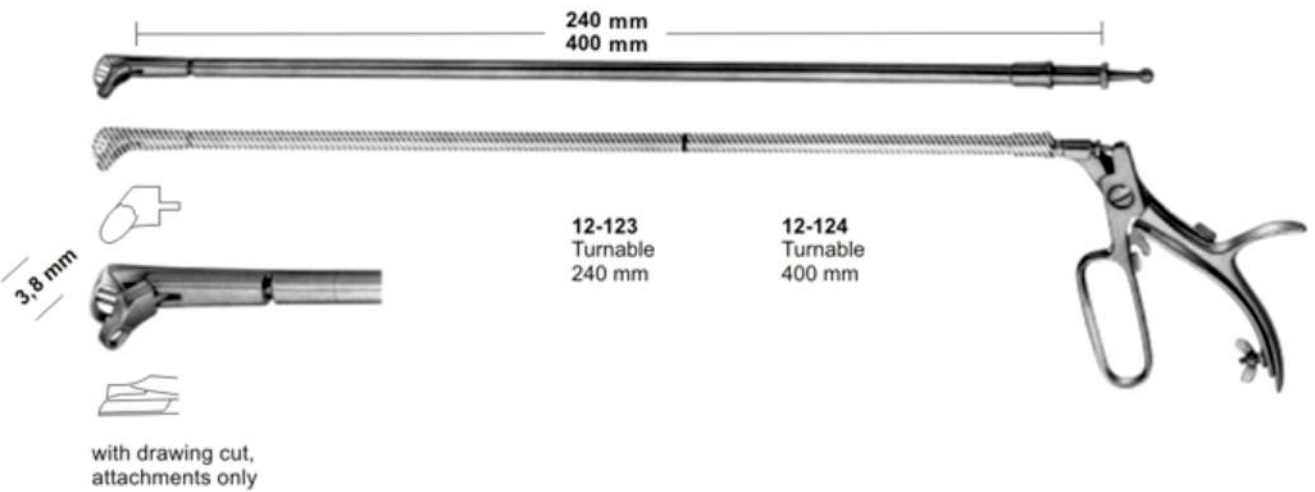
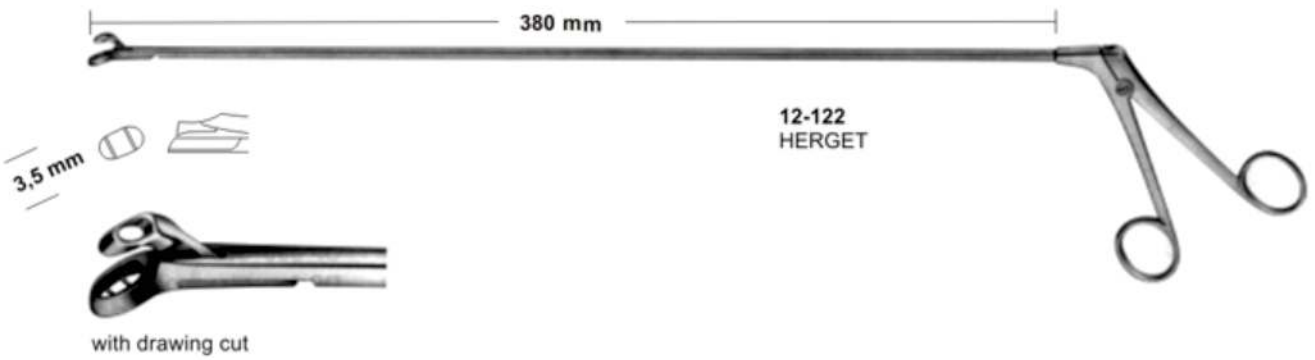
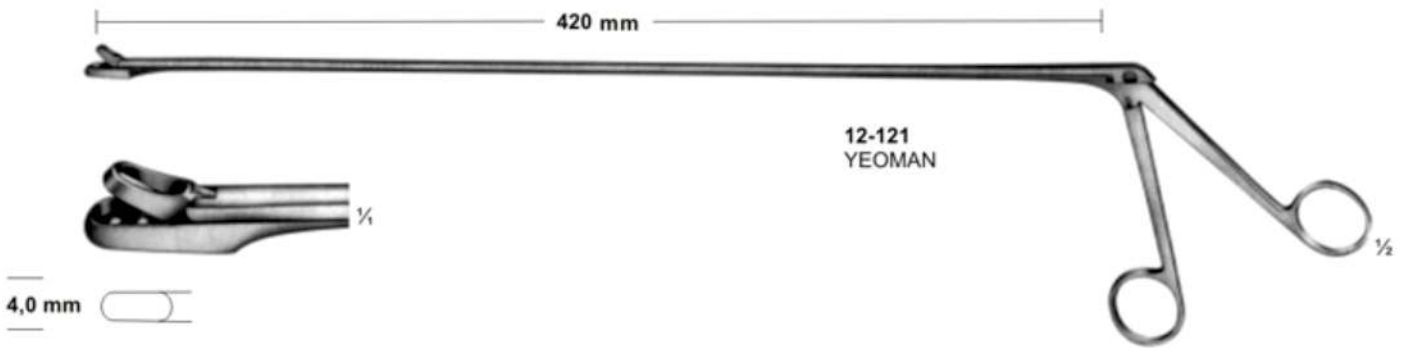
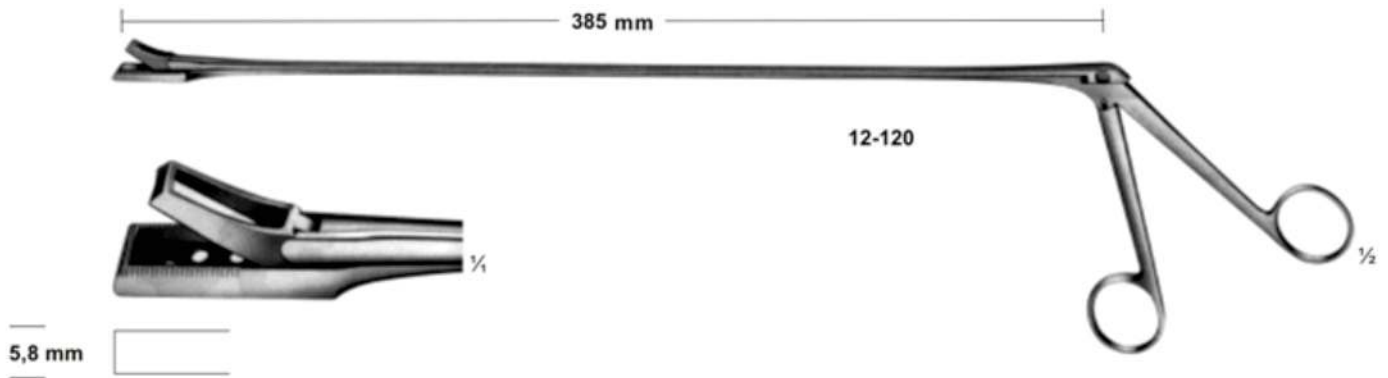


12-117
Hartmann-Hoffmar
2,0 mm
85mm

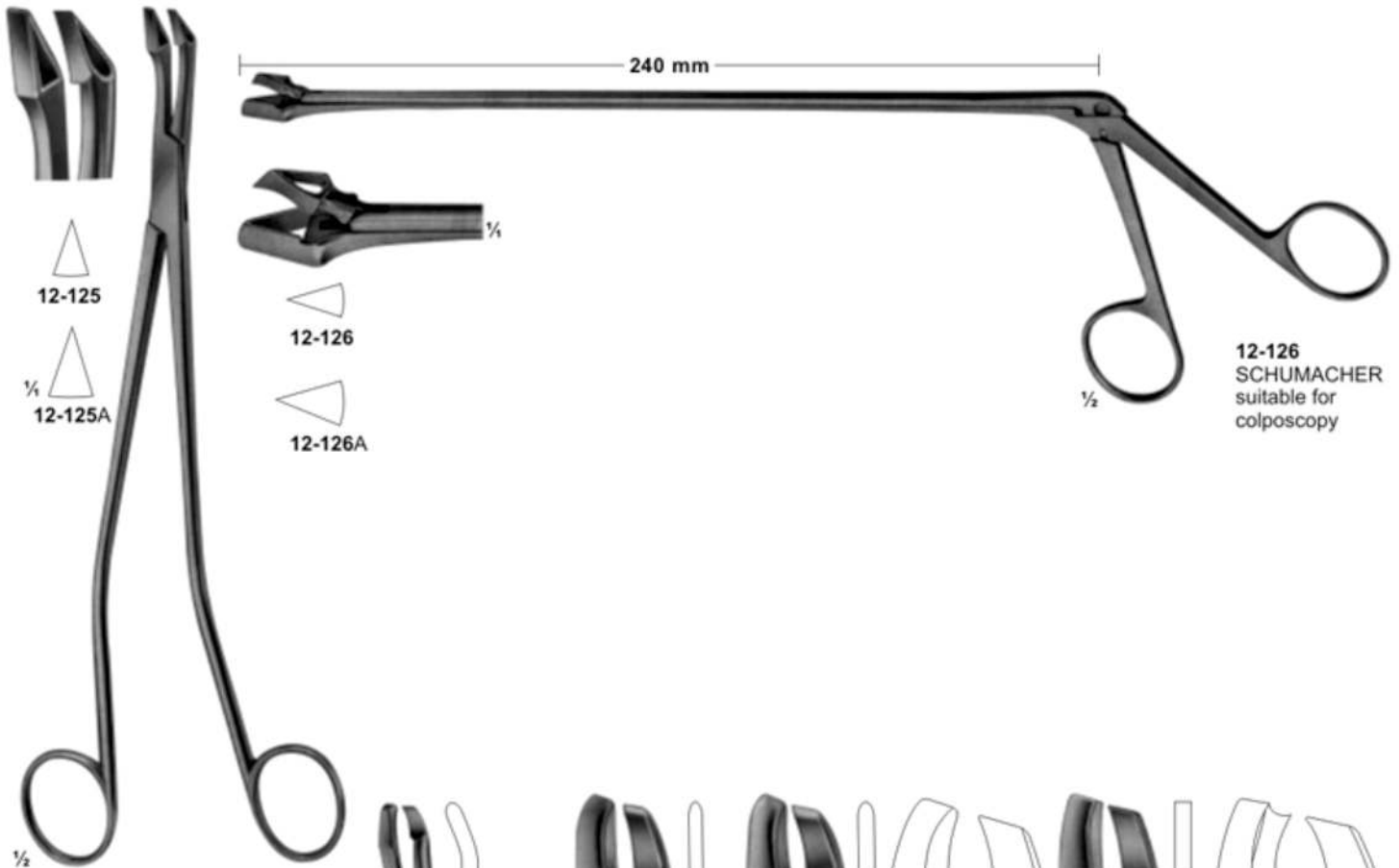
12-118
2,5 mm
85 mm

12-119
3,0 mm
85 mm

Biopsy forceps for rectum

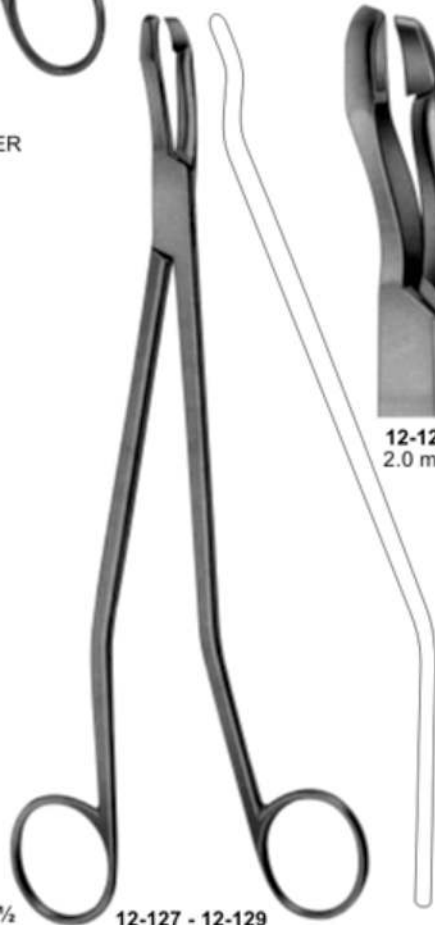


Biopsy Forceps



12-126
 SCHUMACHER
 suitable for
 colposcopy

12-125
 SCHUMACHER
 240mm

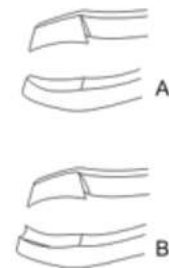


12-127
 2.0 mm

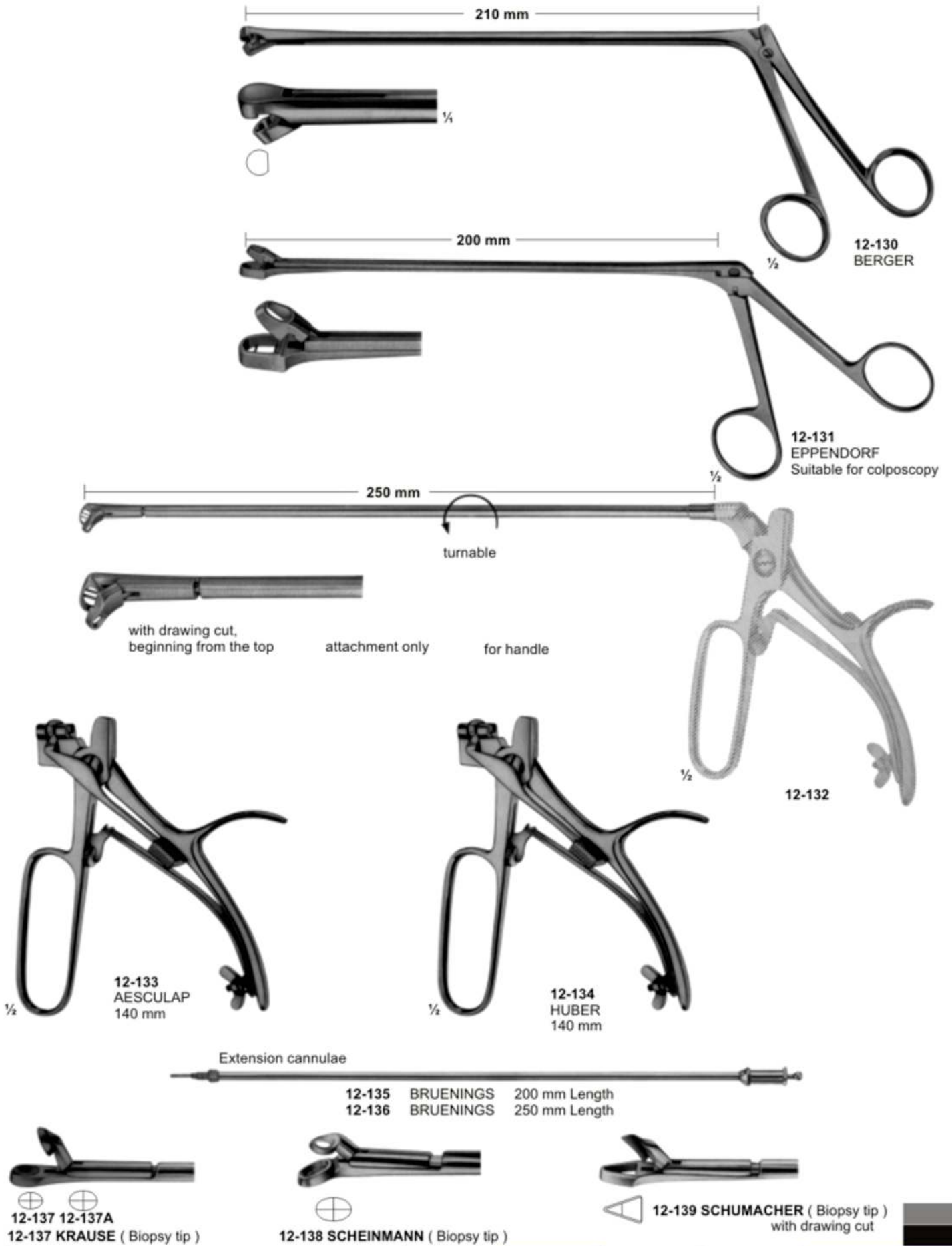
12-128
 2.4 mm

12-129
 2.4 mm

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



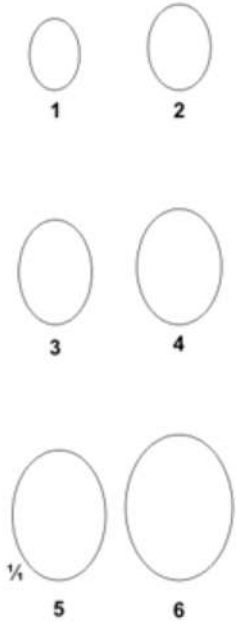
Biopsy Forceps



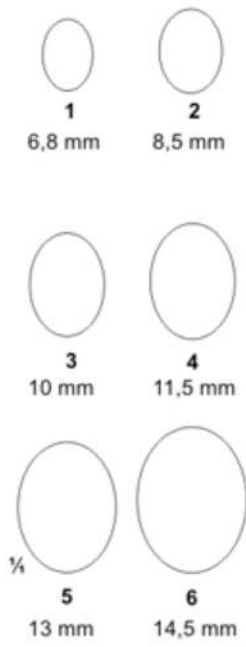
Uterine Scoops



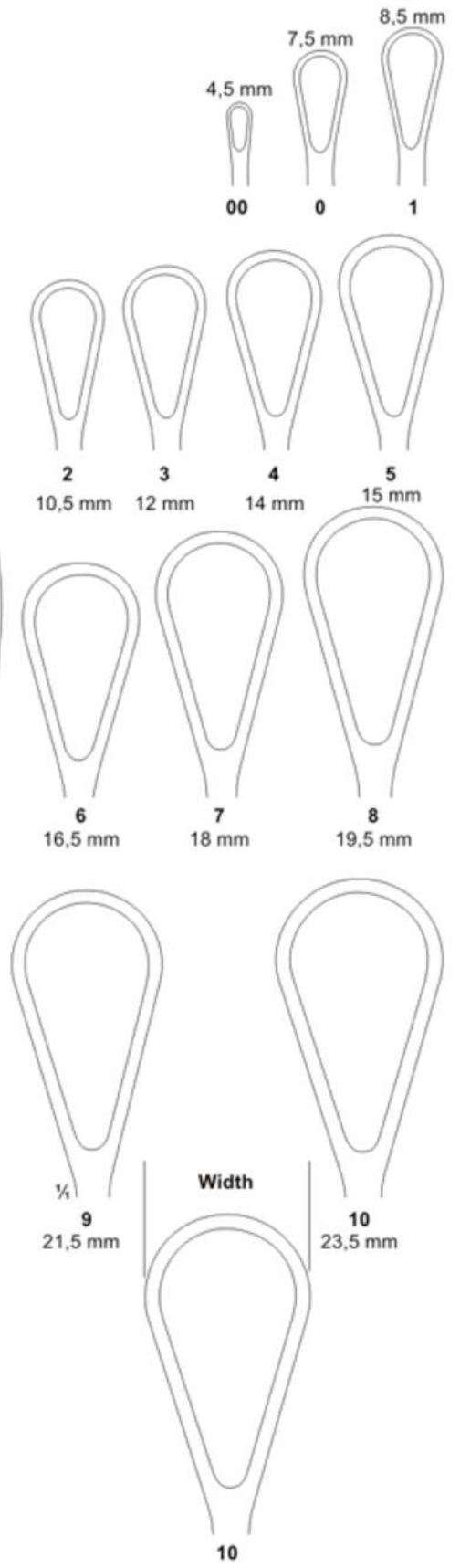
12-140
SIMON
240 mm



12-141
SCHROEDER
310 mm



12-142
RECAMIER
300 mm



Obstetrical Forceps



13-101
NAEGELE
355 mm

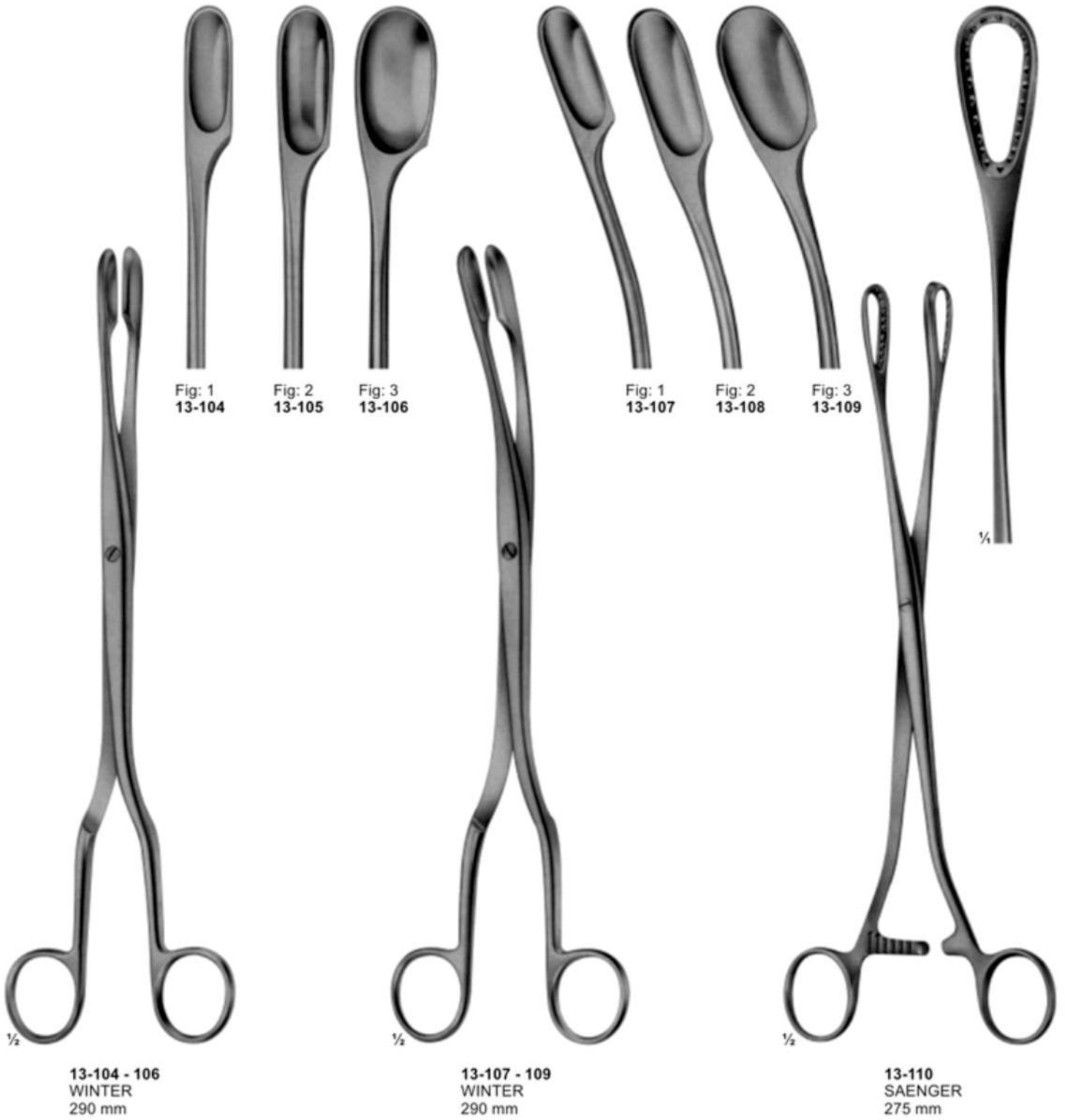


13-102
NAEGELE
400 mm

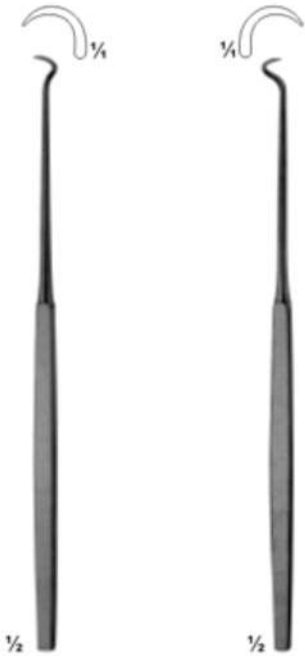


13-103
SIMPSON-BRAUN
305mm

Obstetrics- Placenta and Ovum Forceps



Tound-and Tracheal Hooks and Dilators



13-111
BOSE
165 mm



13-112
BOSE
165 mm



13-113 - 115
180 mm



13-113
sharp



13-114
blunt



13-115
stumpf/blunt



13-116
FINSEN
50 mm



13-117
FINSEN
70 mm



13-118
TROUSSEAU
120 mm



13-119
LABORDE
125 mm

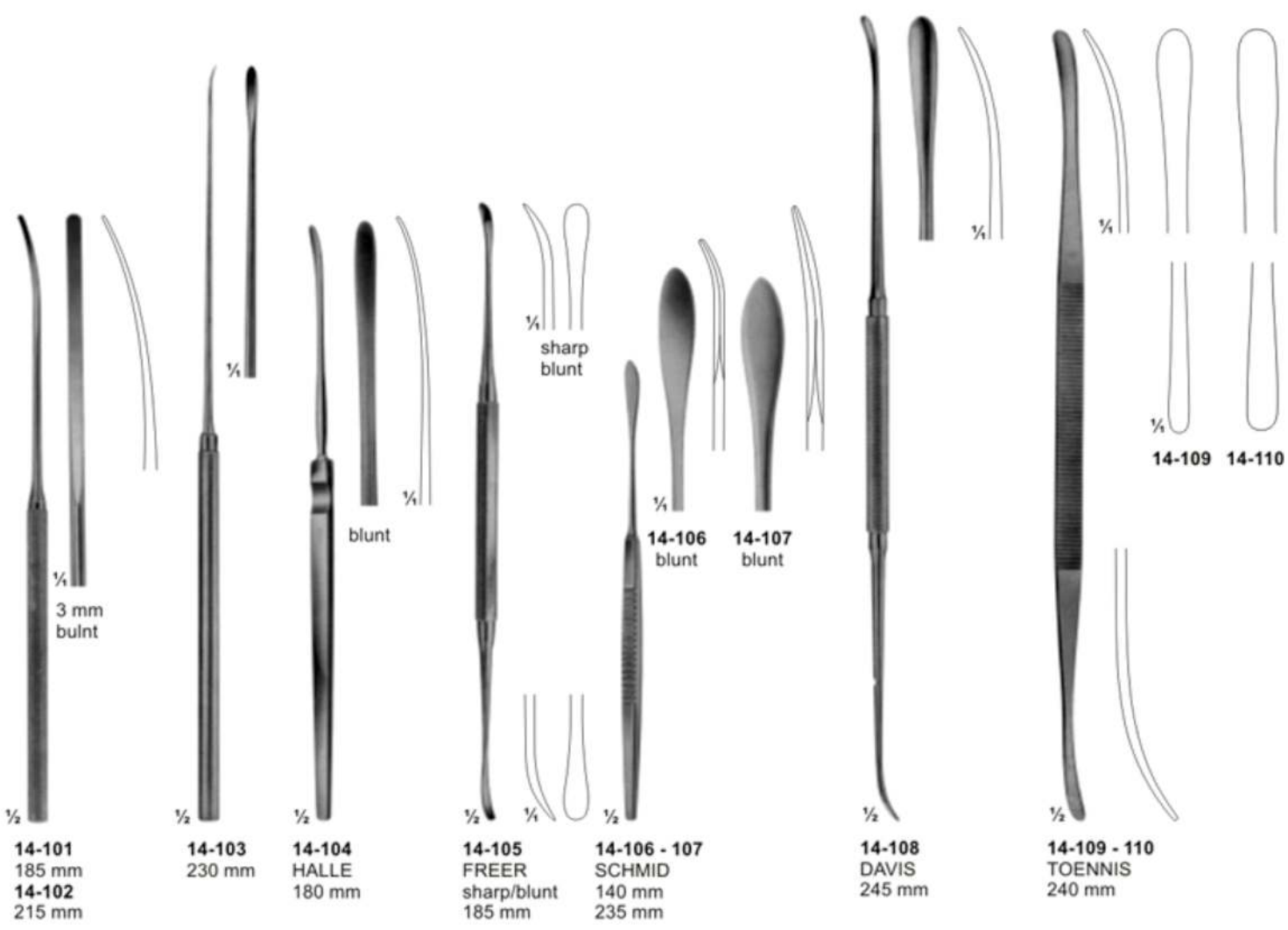


13-120
LABORDE
strong pattern
135 mm

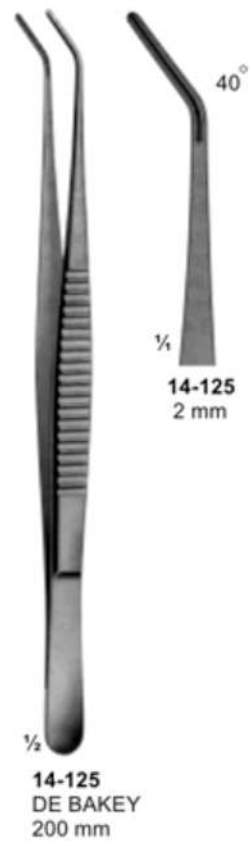
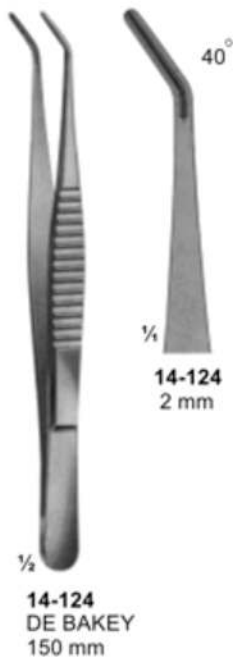
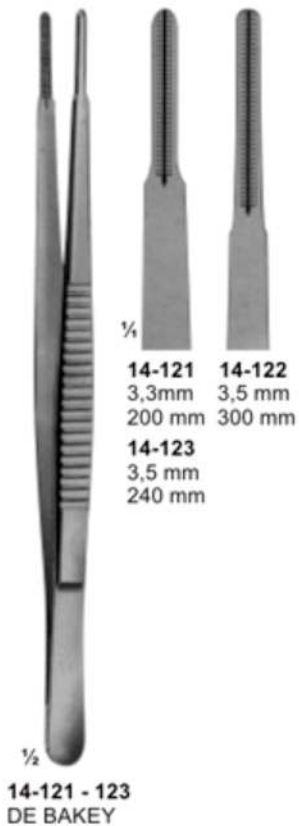
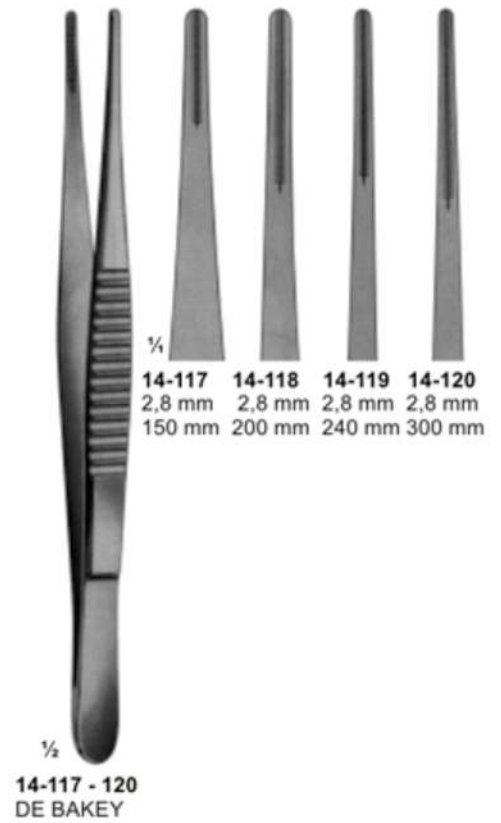
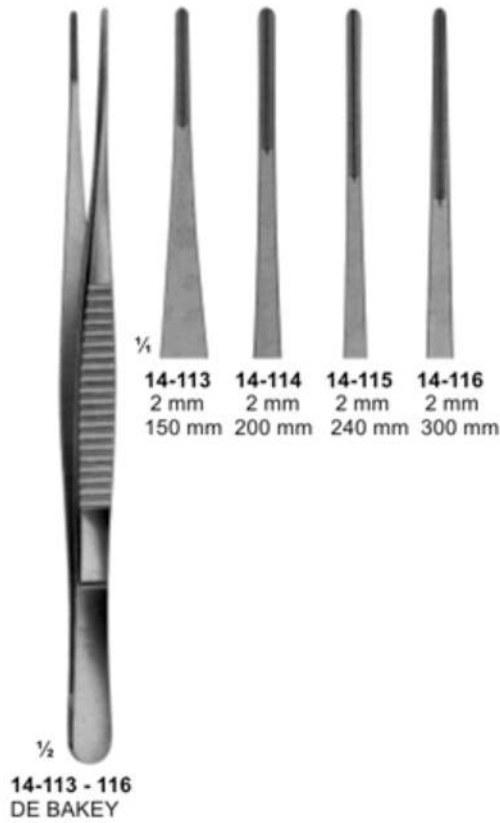
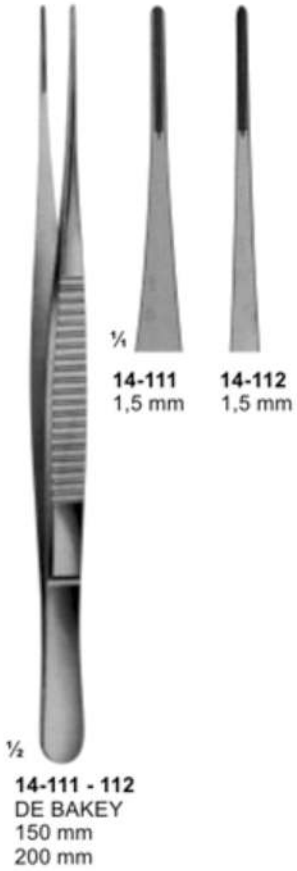


13-121
Cleaning Brush
for tracheal tubes
285 mm

Vascular Spatulas

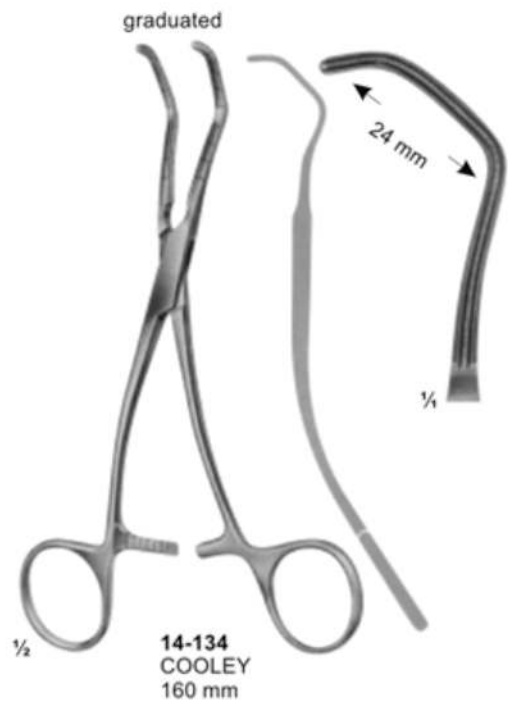
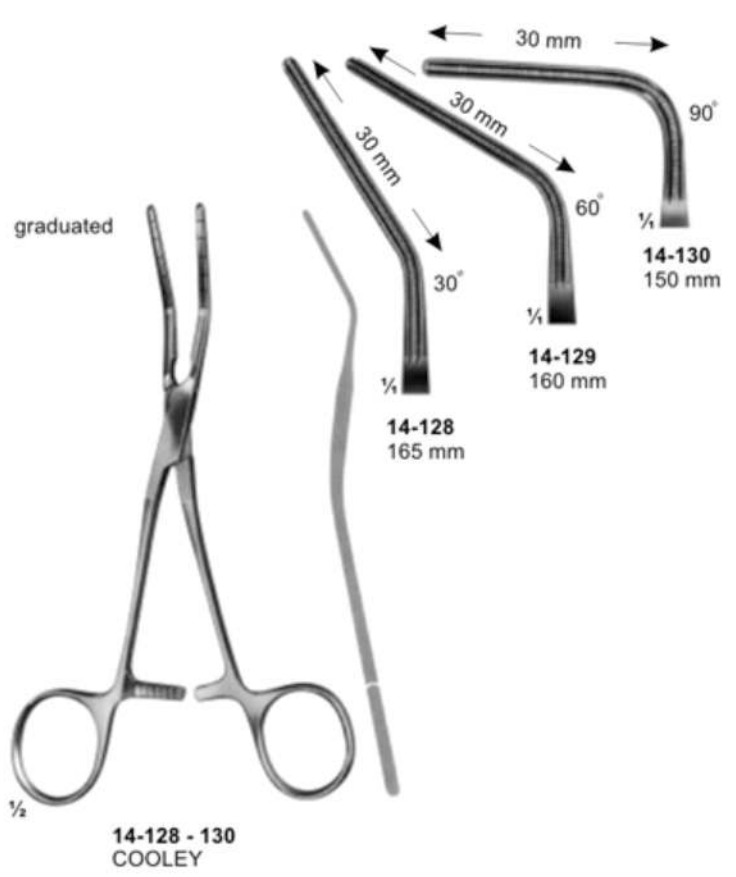
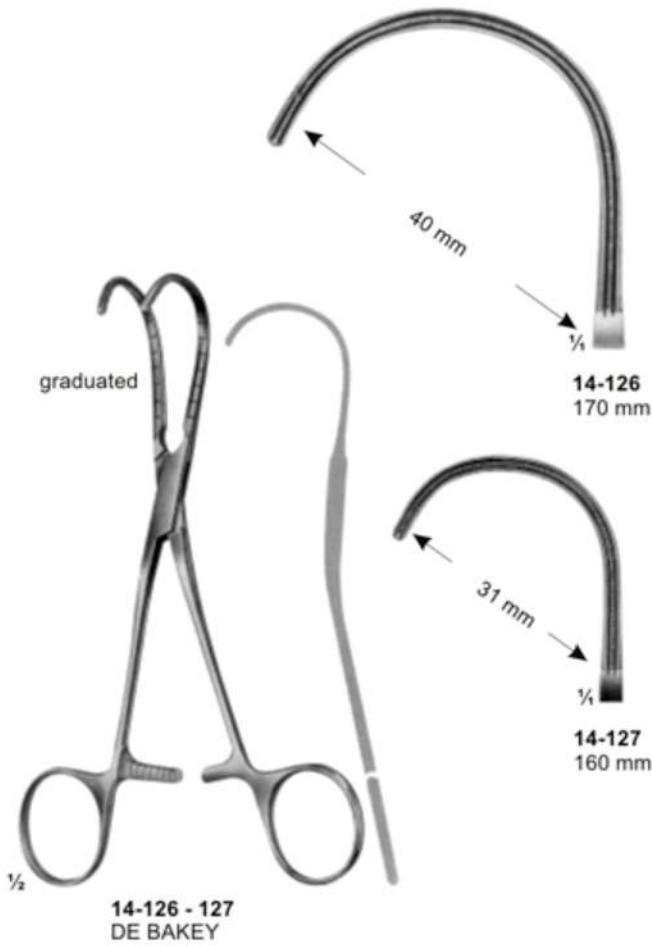


ATRAUMATA
Forceps

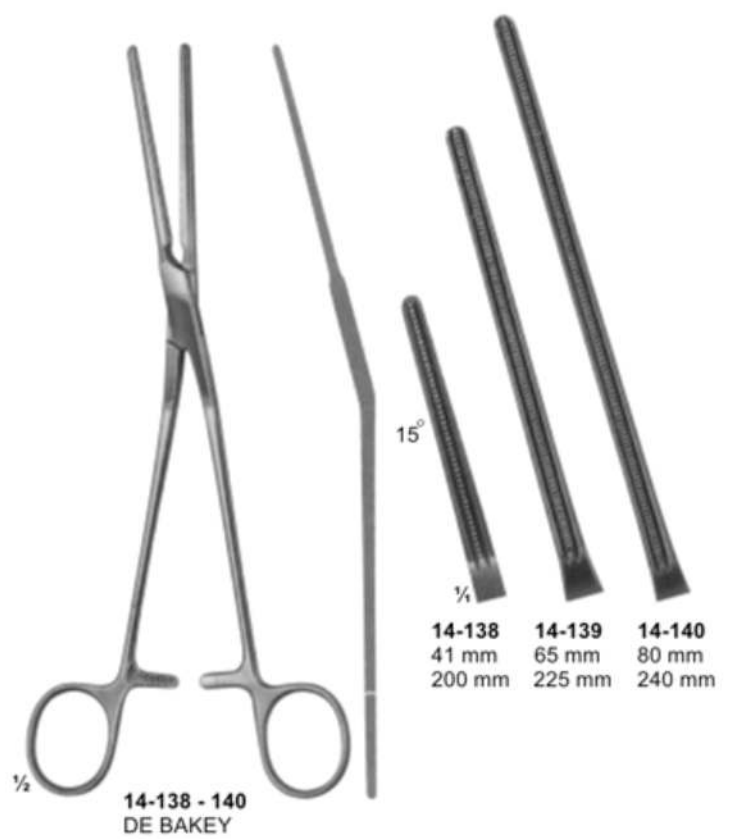


ATRAUMATA

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



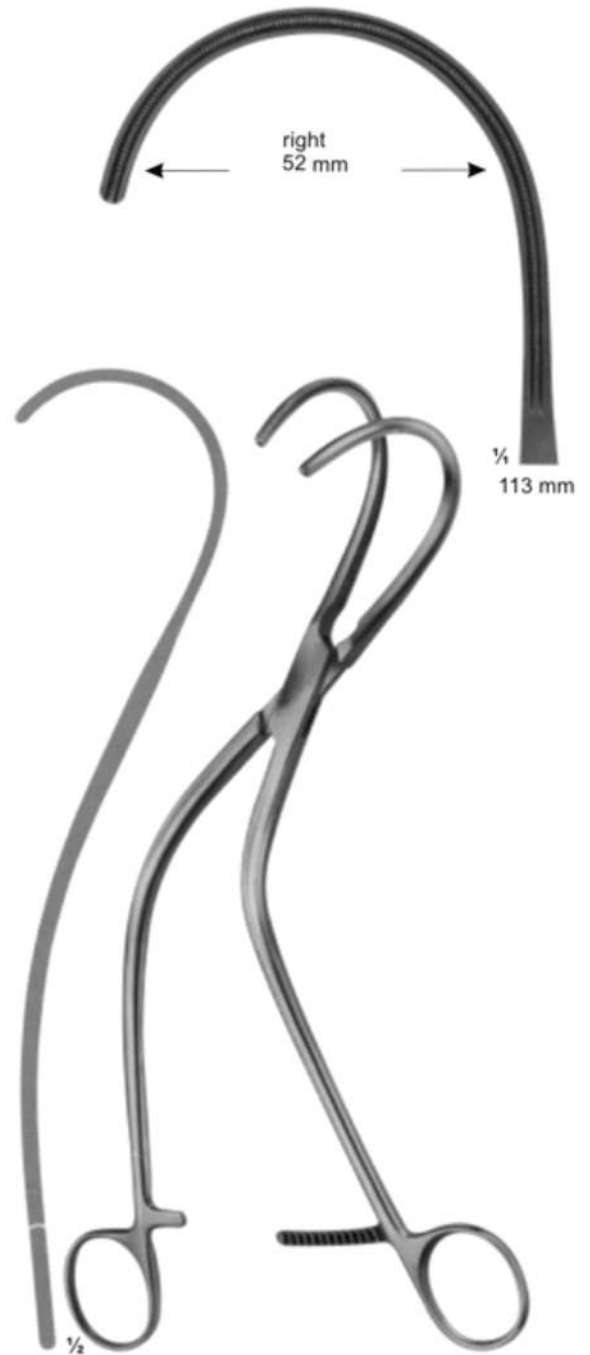
ATRAUMATA
Coarctation Clamps, Patent-Ductus &
Peripheral-Vascular Clamps



Aorta- Anastomosis Clamps



L
14-144
WEBER
260 mm

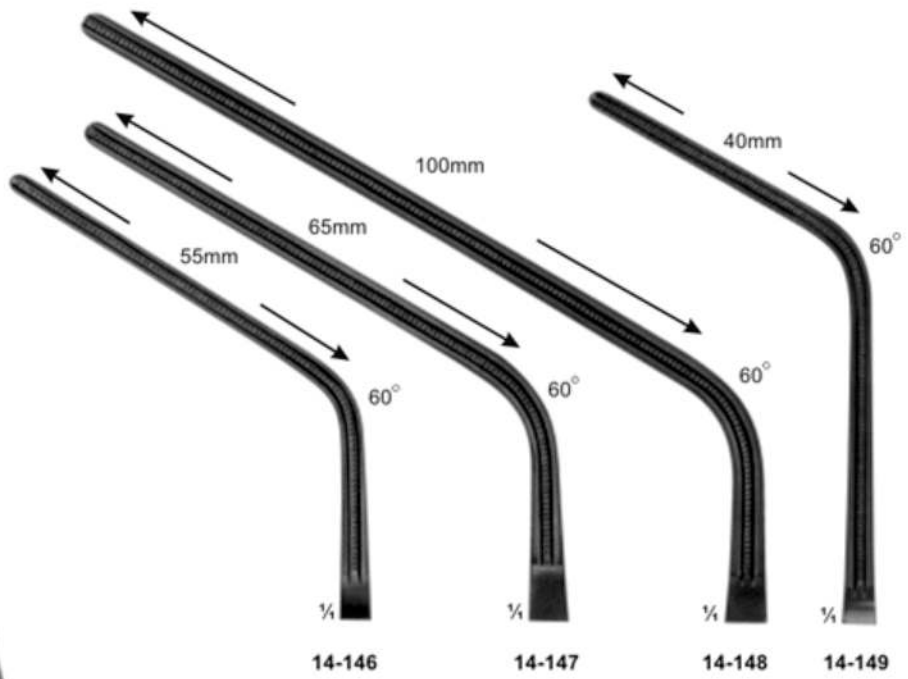


R
14-145
WEBER
260 mm

Multi- Purpose-Clamps



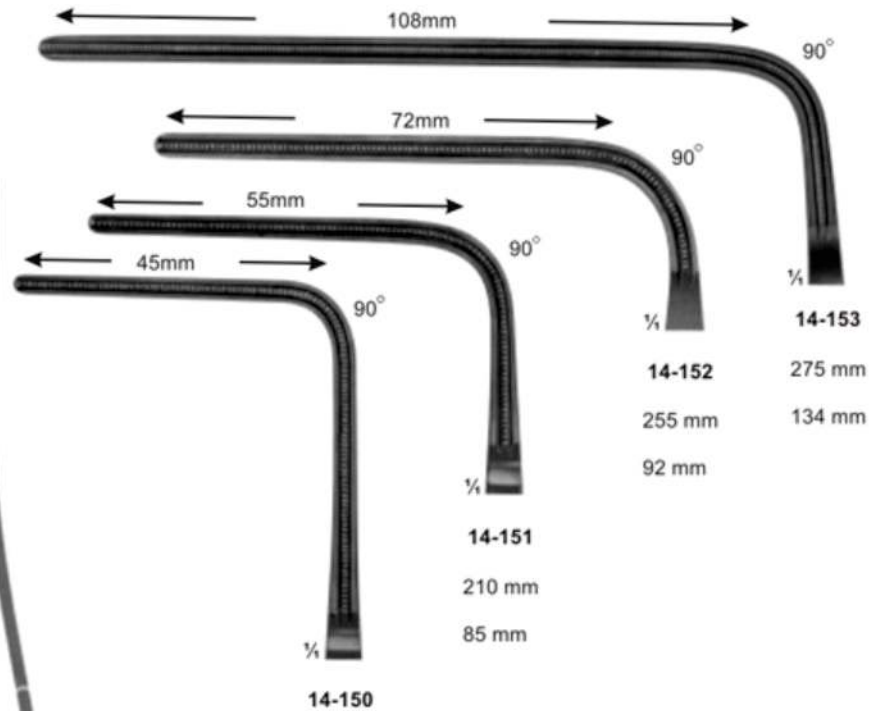
1/2 **14-146 - 149**
DE BAKEY



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



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



Total Length:	225 mm
Length of jaws:	93 mm

Sternum Instruments and Rib Shears



14-154
SCHUMACHER
Sternum shears
210 mm



14-155
LEBSCHKE
Sternum chisel
200 mm



14-156
230 mm



14-157
COLLIN
195 mm



14-158
GLUCK
190 mm



14-159
BETHUNE
340 mm

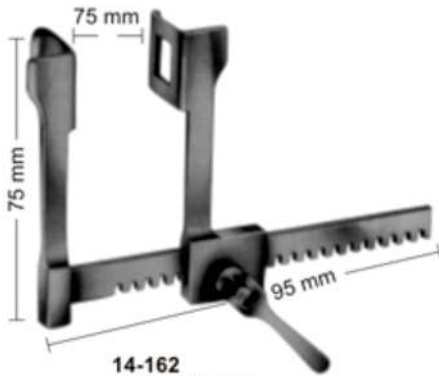


14-160
BRUNNER
Universal pattern
340 mm

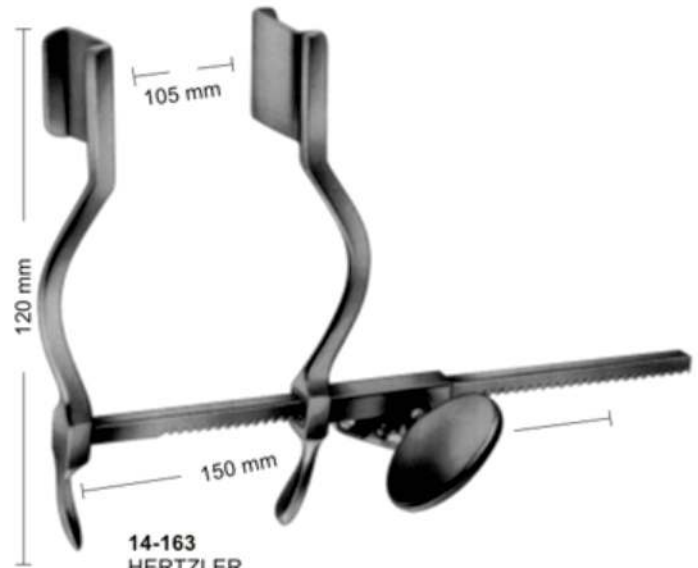


14-161
GIERTZ-STILLE
250 mm

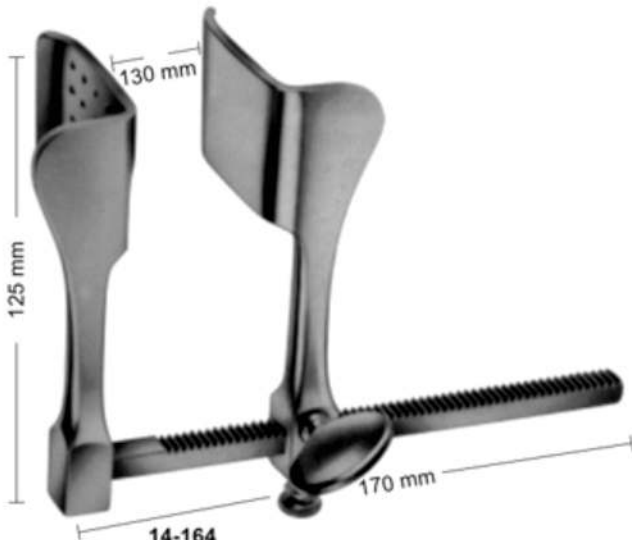
Rib Spreaders



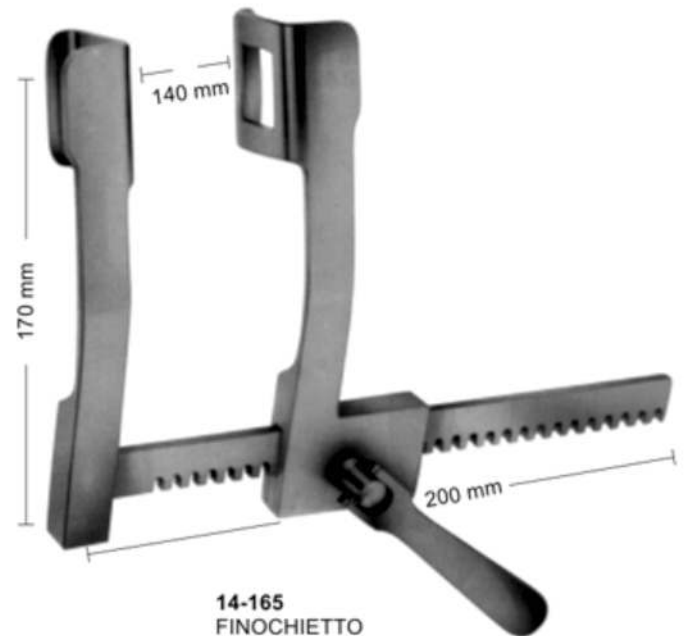
14-162
FINOCHIETTO
Blades
18X21 mm



14-163
HERTZLER
Blades
20X25 mm



14-164
TUFFIER
Blades
43X53 mm



14-165
FINOCHIETTO
Blades
36X45 mm

Rib Spreaders-and Contractors



1/2

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



1/2

**14-167
 BAILEY**
 150 mm



14-168
 for children

14-169
 for adults

1/2

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

Punches

130° upwards cutting

15-101
1 mm
KERRISON - JACOBY

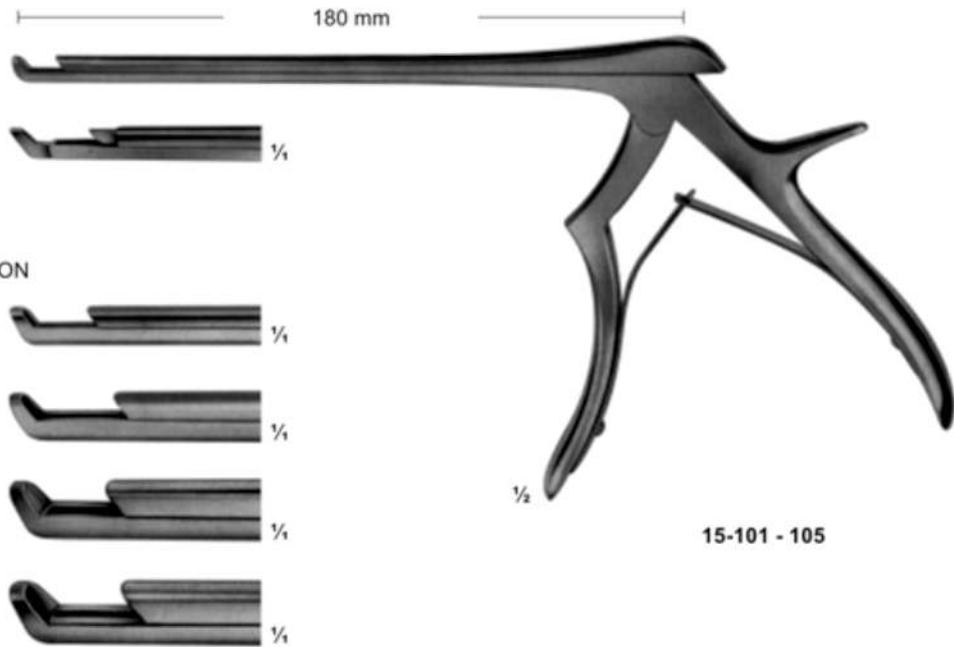
FERRIS-SMITH-KERRISON

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

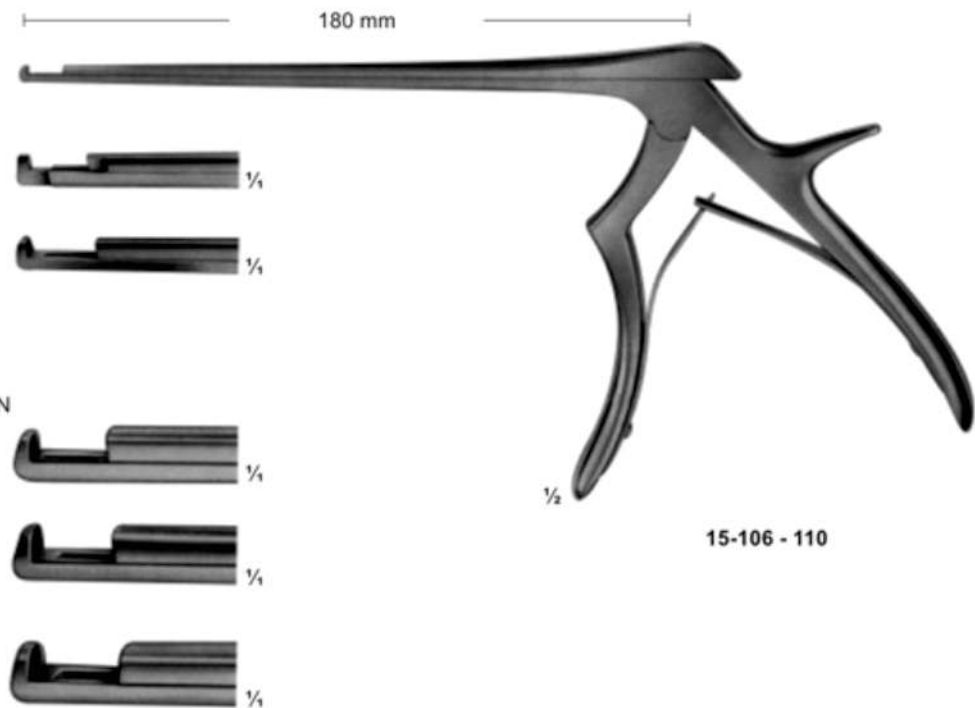
15-107
2 mm

FERRIS-SMITH-KERRISON

15-108
3 mm

15-109
4 mm

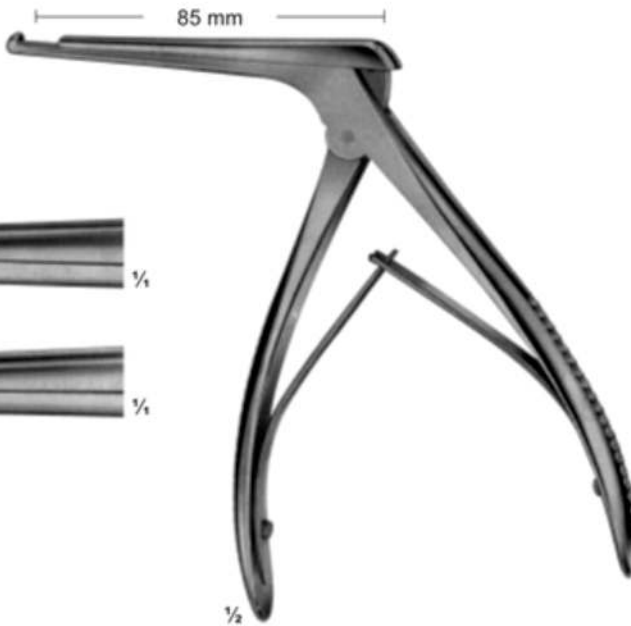
15-110
5 mm



15-106 - 110

Punches

90° upwards cutting



15-111
4 mm



1/4

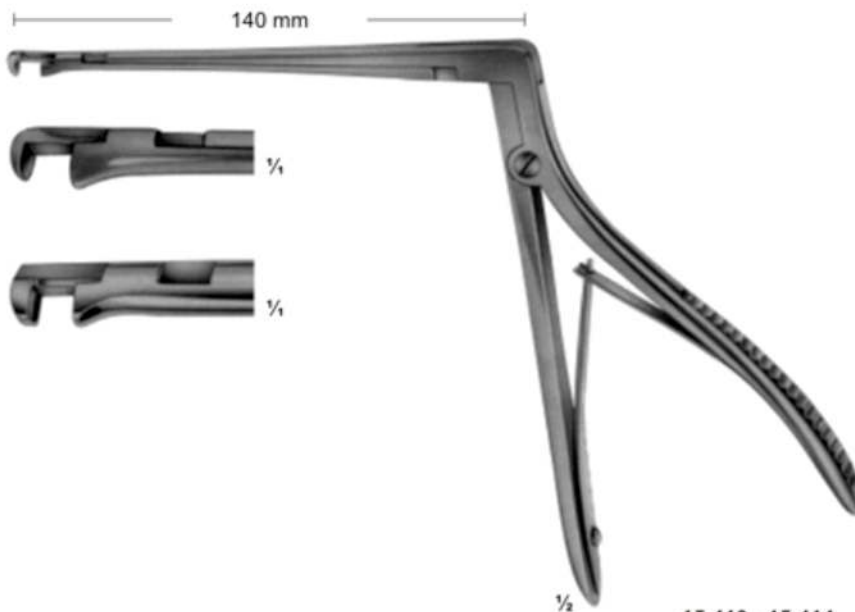
15-112
5 mm



1/4

15-111 - 15-112
KERRISON

90° upwards cutting



15-113
3,3 mm



1/4

15-114
4,0 mm



1/4

15-113 - 15-114
HAJEK-KOFLER

Rongeurs

LOVE-GRUENWALD

15-115
2 X 10 mm



15-116
3 X 10 mm



SPURLING

15-117
4 X 10 mm



15-115 - 15-117

15-118
2 mm



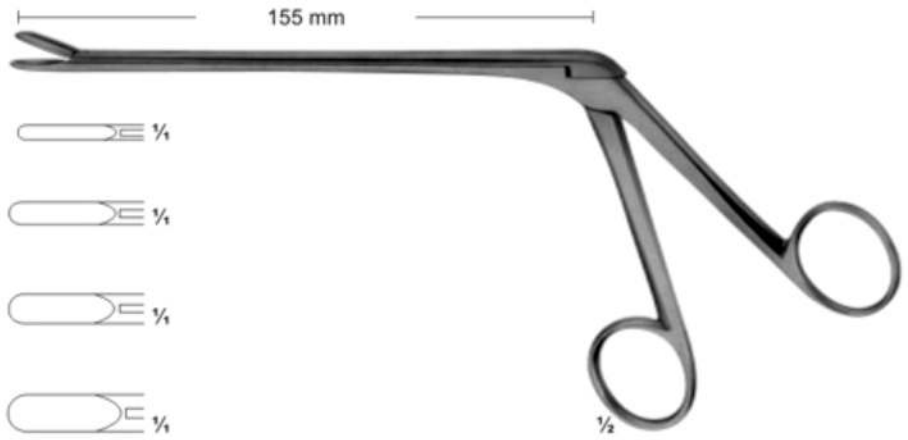
15-119
3 mm



15-120
4 mm



15-121
5 mm



15-118 - 15-121
CASPAR

150°

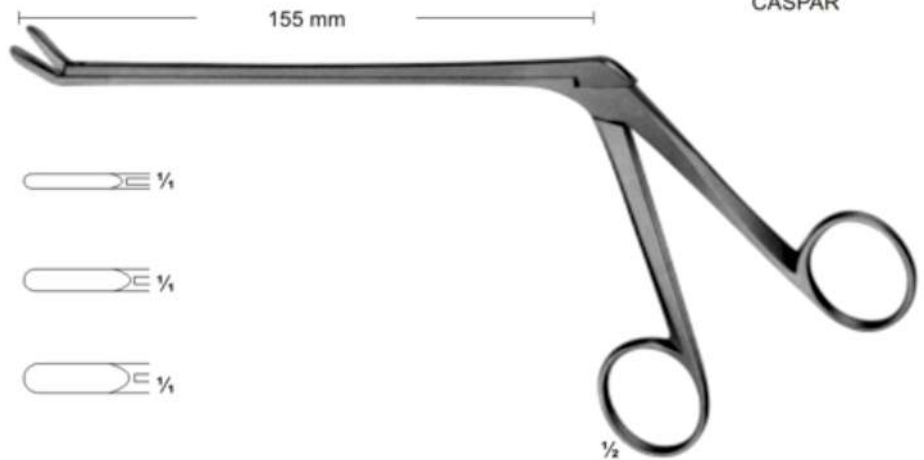
15-122
2 mm



15-123
3 mm



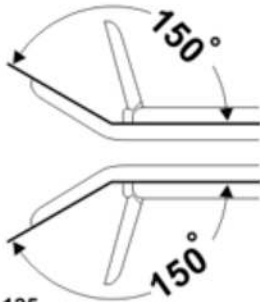
15-124
4 mm



15-122 - 15-124
CASPAR

Rongeurs

Angled positions for rongeurs



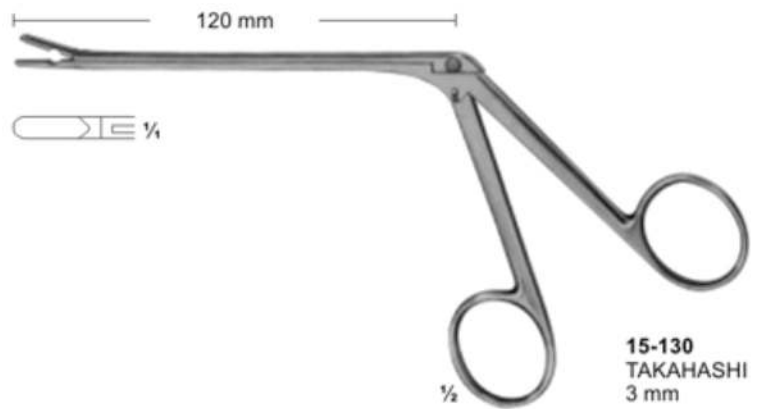
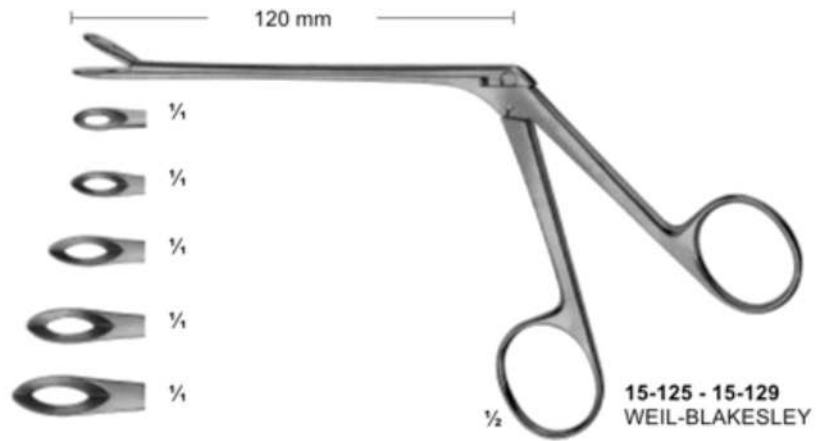
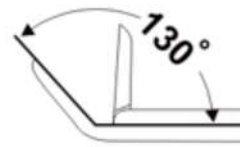
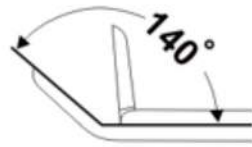
15-125
3,0 mm

15-126
3,6 mm

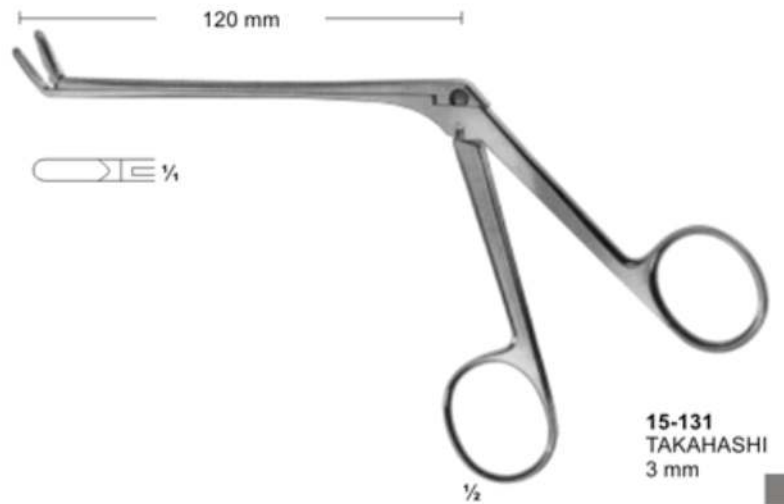
15-127
4,2 mm

15-128
4,8 mm

15-129
5,8 mm



130°



Rongeurs

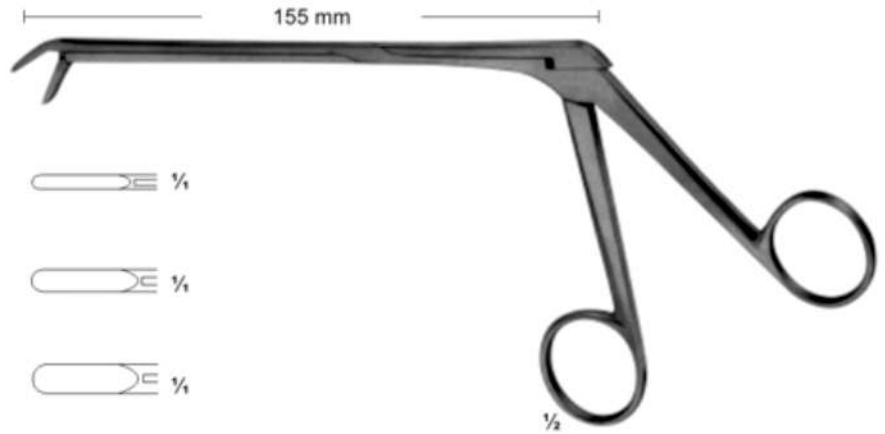
150°

Lower part of jaws movable

15-132
2 mm

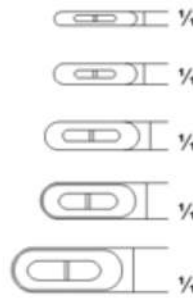
15-133
3 mm

15-134
4 mm



15-132 - 15-134
CASPAR

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



15-135 - 15-149
CASPAR

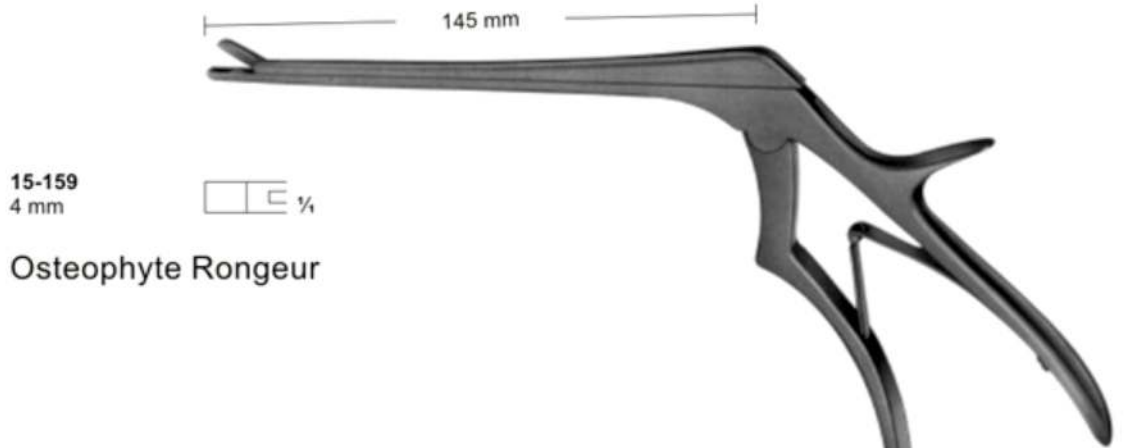
150°

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

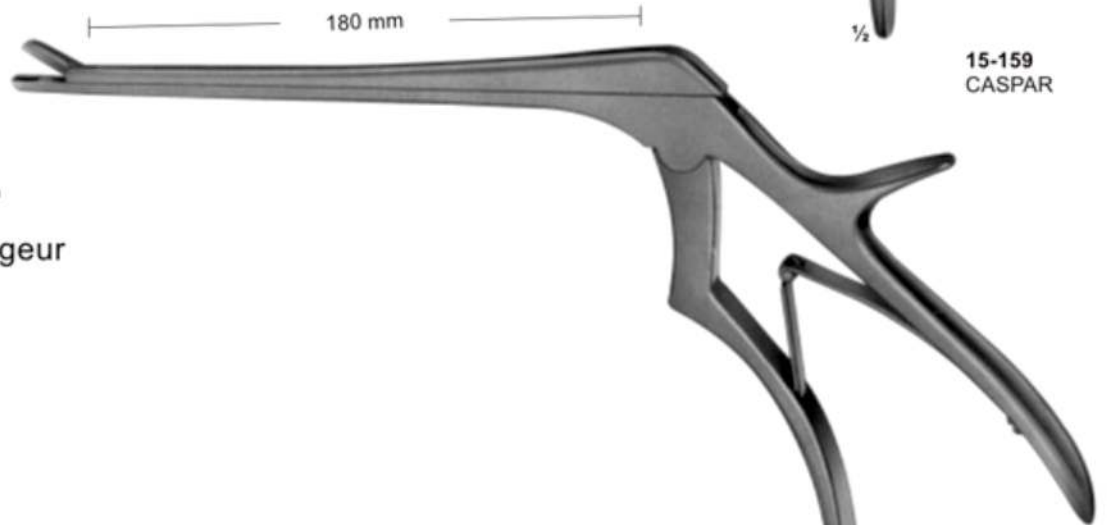


15-150 - 15-158
CASPAR

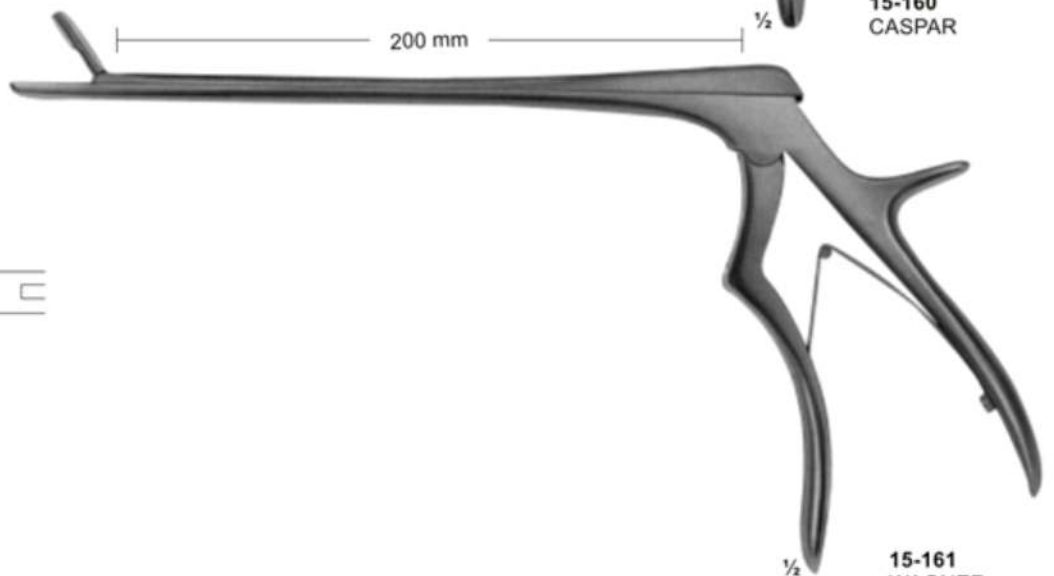
Rongeurs



15-159
 4 mm
 Osteophyte Rongeur



15-160
 4 mm
 Osteophyte Rongeur



15-161
 5,5 mm
 Very Heavy Pattern

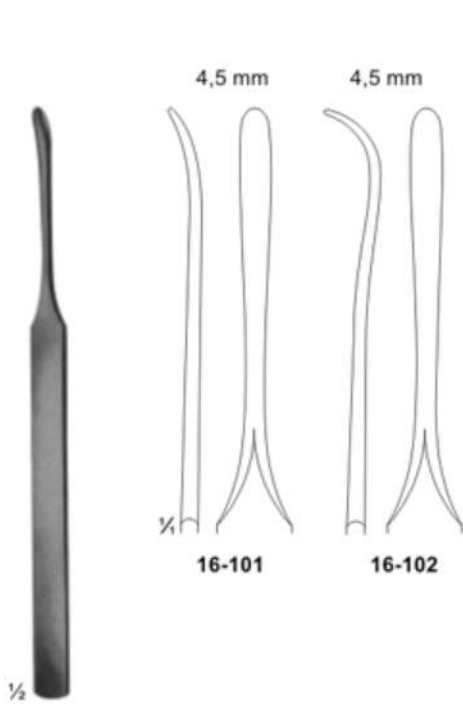


15-159
 CASPAR

15-160
 CASPAR

15-161
 WAGNER

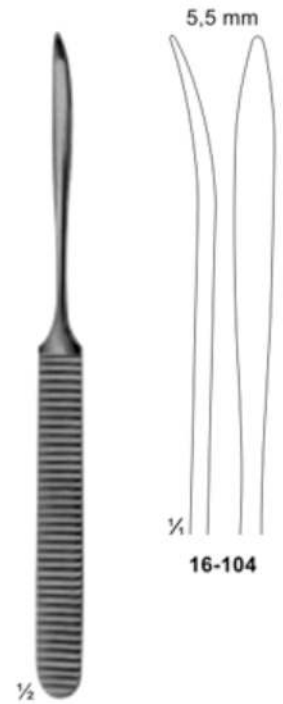
Elevators and Bone Levers



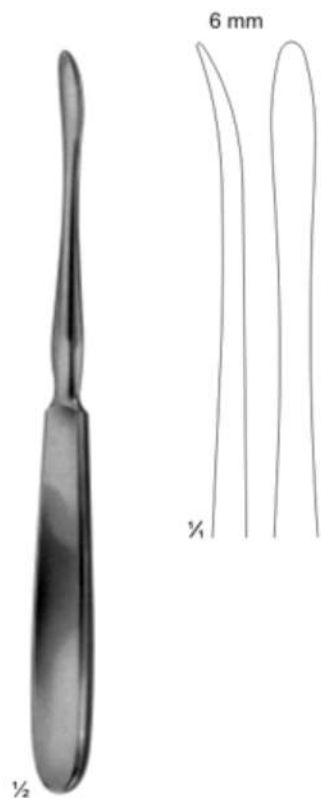
16-101 - 102
KONIG
155 mm



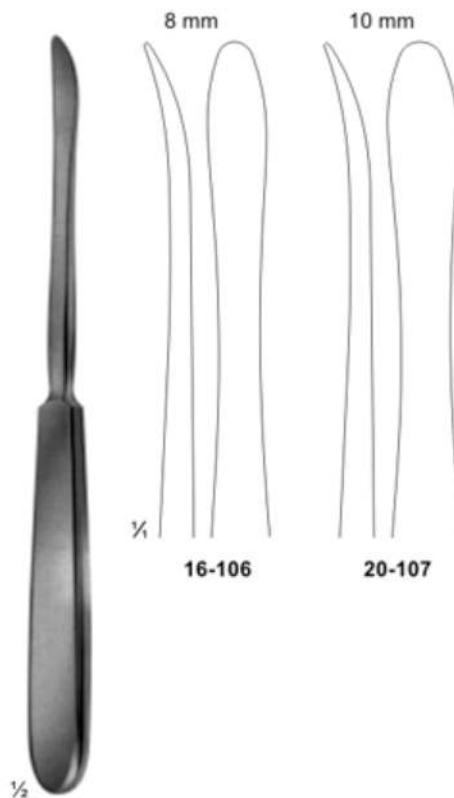
16-103
WILLIGER
165 mm



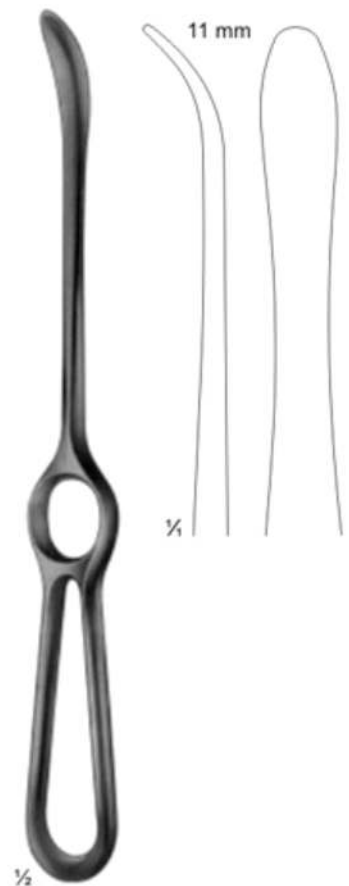
16-104
WILLIGER
170 mm



16-105
QUERVAIN
195 mm

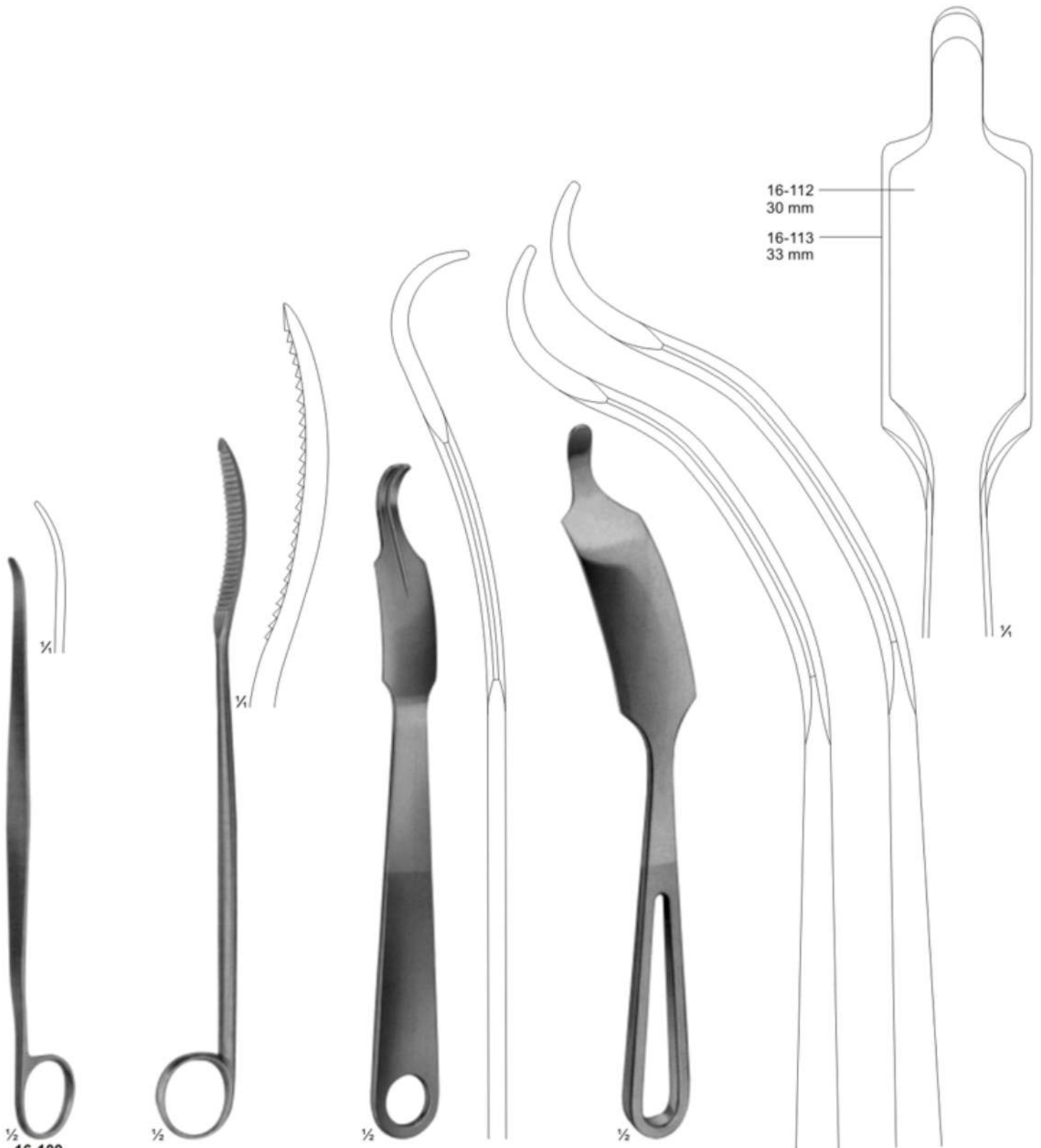


16-106 - 107
LANGENBACK
195 mm



16-108
LANGENBACK
230mm

Bone Levers



16-109
 LANE TRETHOWAN
 215mm

16-110
 LANE
 255mm

16-111
 LANGE-HOHMANN
 250mm

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

Raspatories



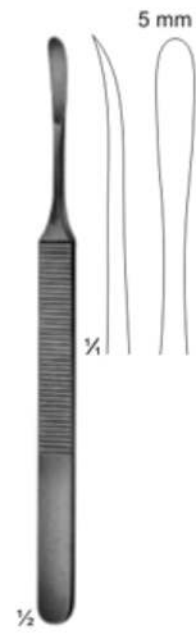
16-114
PARTSCH
150 mm



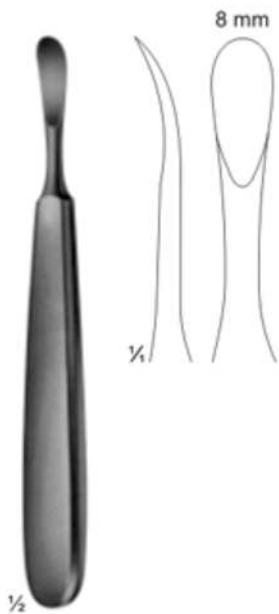
16-116
PARTSCH mod. LANGE
145 mm



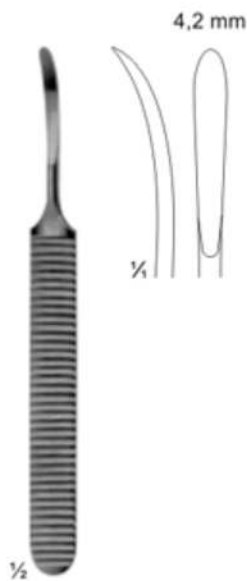
16-117
MC KENTY
155 mm



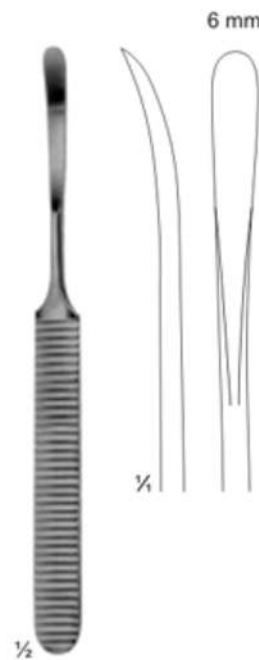
16-118
KOENIG
155 mm



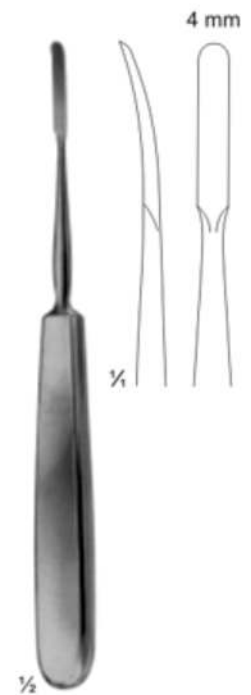
16-119
TRELAT
150 mm



16-120
WILLIGER
140 mm

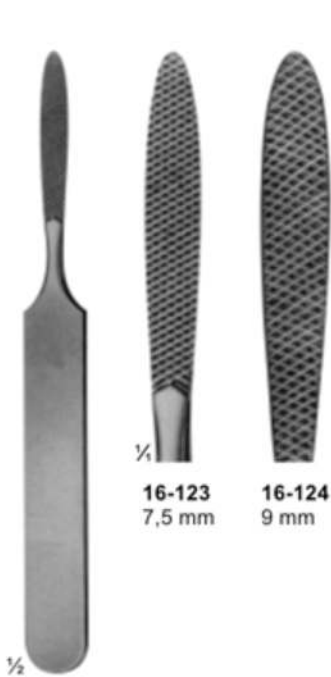


16-121
WILLIGER
160 mm



16-122
JOSEPH
170 mm

Bone File and Rasps

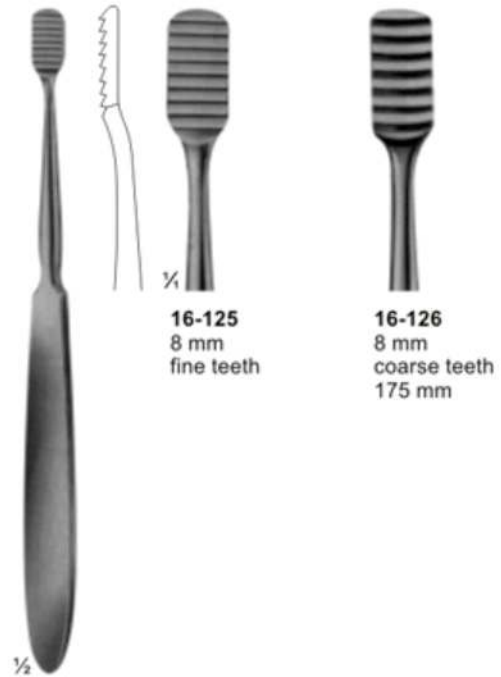


1/4
16-123
7,5 mm

16-124
9 mm

1/2
16-123
JOSEPH
fine, chequered

16-124
coarse, chequered
165 mm



1/4
16-125
8 mm
fine teeth

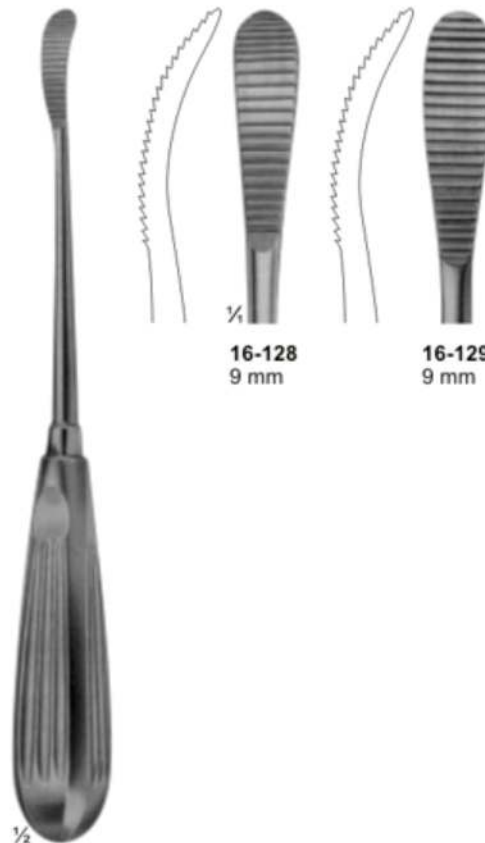
16-126
8 mm
coarse teeth
175 mm

1/2
16-125 - 16-126
LEWIS



1/4
9 mm

1/2
16-127
MALTZ
down stroke
180 mm



1/4
16-128
9 mm

16-129
9 mm

1/2
16-128 - 16-129
AUFRICHT
up stroke
16-129
down stroke
220 mm



1/4
6,5 mm

1/2
16-130
GALLAHER
190 mm

Bone Curettes



16-131
JACOBSON
140 mm



16-132
MARTINI
140 mm



16-133
MARTINI
140 mm



16-134
WILLIGER
145 mm



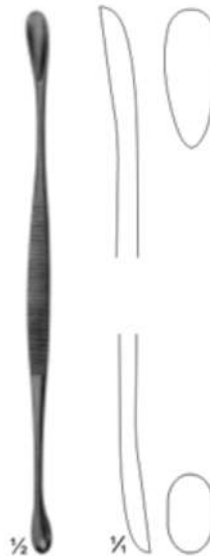
16-135
JANSEN
160 mm



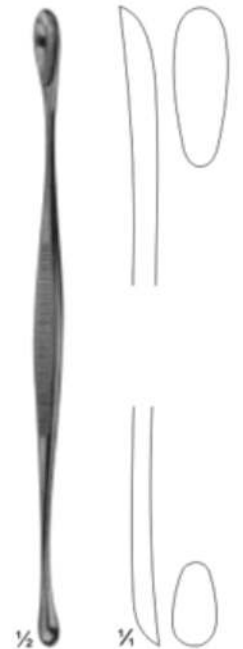
16-136
BARTH
180 mm



16-137
VOLKMANN
130 mm



16-138
VOLKMANN
145 mm



16-139
VOLKMANN
170 mm

Mallets Weights refer to the heads of the mallets
Hammer Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers



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

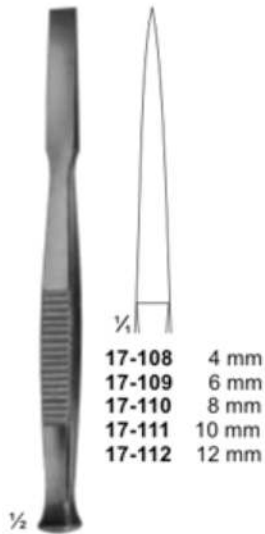


17-106
165 g
lead filled head
190 mm

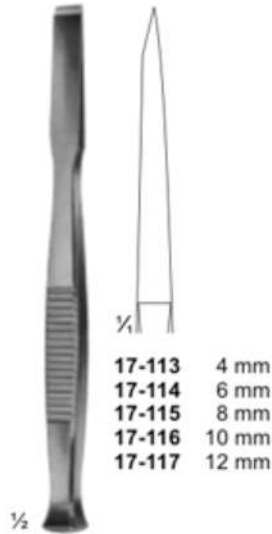
Osteotomes, Chisels and Gouges



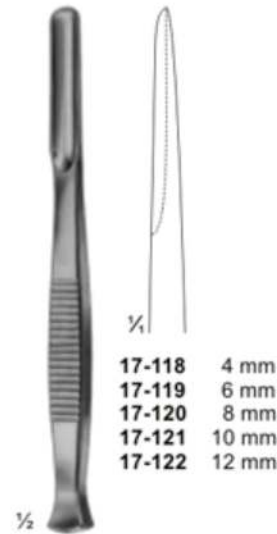
17-107
MANNERFELT
Gouge
155 mm



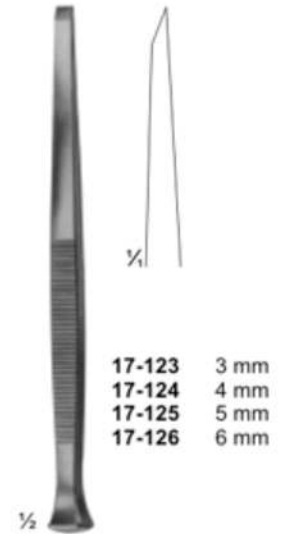
17-108 - 112
Osteotomes
140 mm



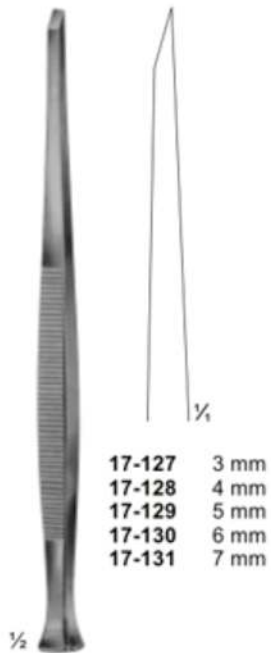
17-113 - 117
Chisels
140 mm



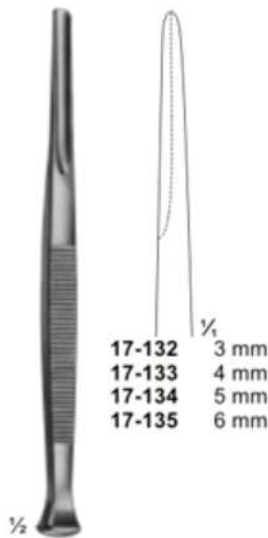
17-118 - 122
Gouges
140 mm



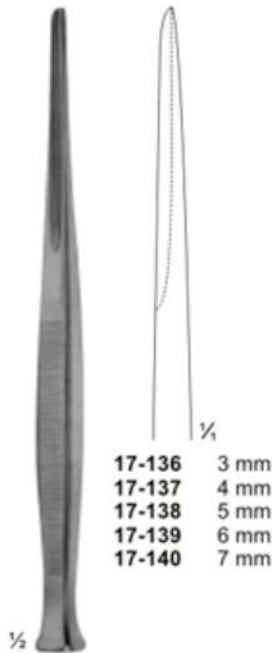
PARTSCH
17-123 - 126
Chisels
140 mm



PARTSCH
17-127 - 131
Chisels
170 mm



PARTSCH
17-132 - 135
Gouges
140 mm



PARTSCH
17-136 - 140
Gouges
170 mm



LUCAS
17-141 - 142
Chisels
160 mm



LUCAS
17-143 - 144
Gouges
160 mm

Reposition Forceps, Bone Holding Forceps



17-145
Patella forceps
185 mm



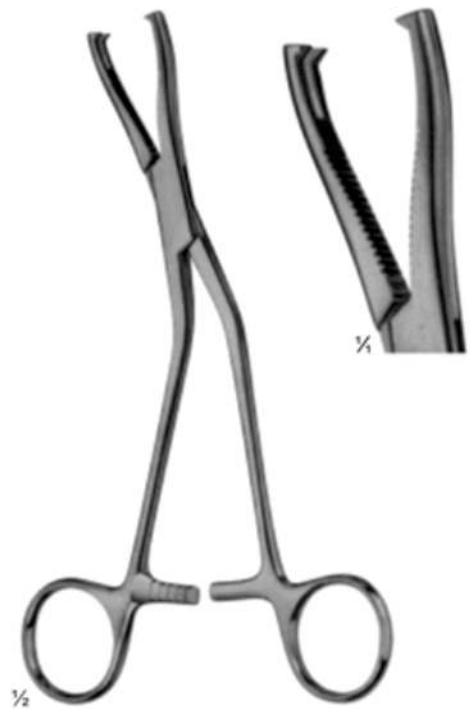
17-146
Forceps with
ratchet fixation
140 mm



17-147
Forceps with
thread fixation
170 mm



17-148
Forceps with
thread fixation
235 mm



17-149
DINGMANN
185 mm

Bone Holding Forceps & Bone Clamps



Bone Rongeurs



17-158
LUER
150 mm



17-159
LUER
155 mm



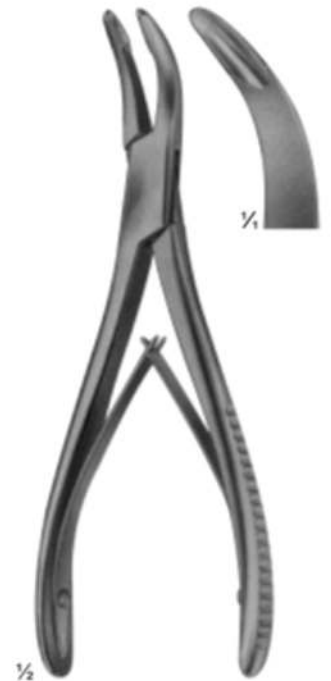
17-160
BLUMENTHAL
155 mm



17-161
BLUMENTHAL
150 mm



17-162 - 163
JANSEN
175 mm



17-164
BANE-HARTMANN
175 mm

Bone Rongeurs



17-165
STILLE
235 mm



17-166
LEKSELL-STILLE
240mm



17-167
STILLE-RUSKIN
240mm

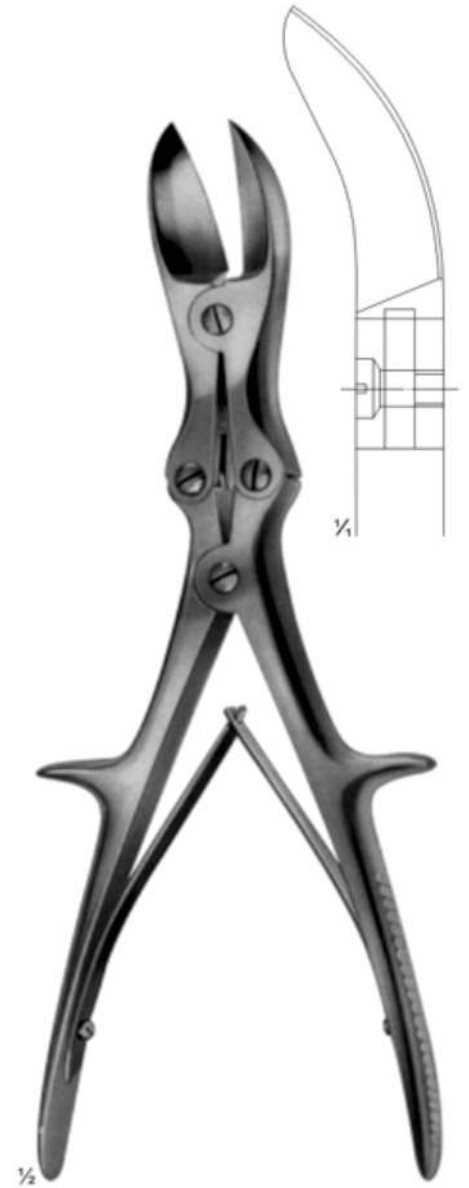
Bone Cutting Forceps



17-168
LISTON
curved on flat
240 mm

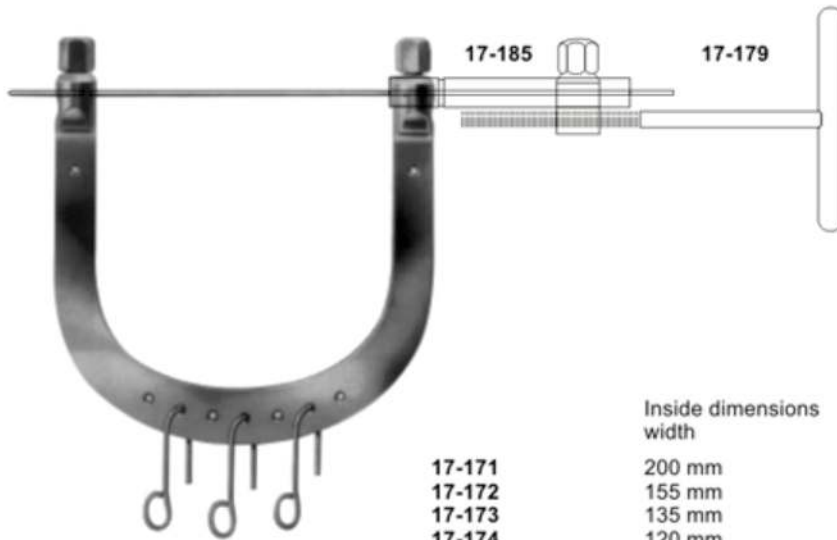


17-169
LISTON
straight
280 mm



17-170
LISTON
curved on flat
280 mm

Wire Extension



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

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



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



17-179
Wire tightener, with
clamping jaws



17-182 max. 105 mm
17-183 max. 160 mm
17-184 max. 200 mm

17-182 80-95 mm
17-183 90-120 mm
17-184 140-170 mm

diam upto

17-182 1,6 mm
17-183 2,0 mm
17-184 2,5 mm

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



17-180
Traction hook only,
large size

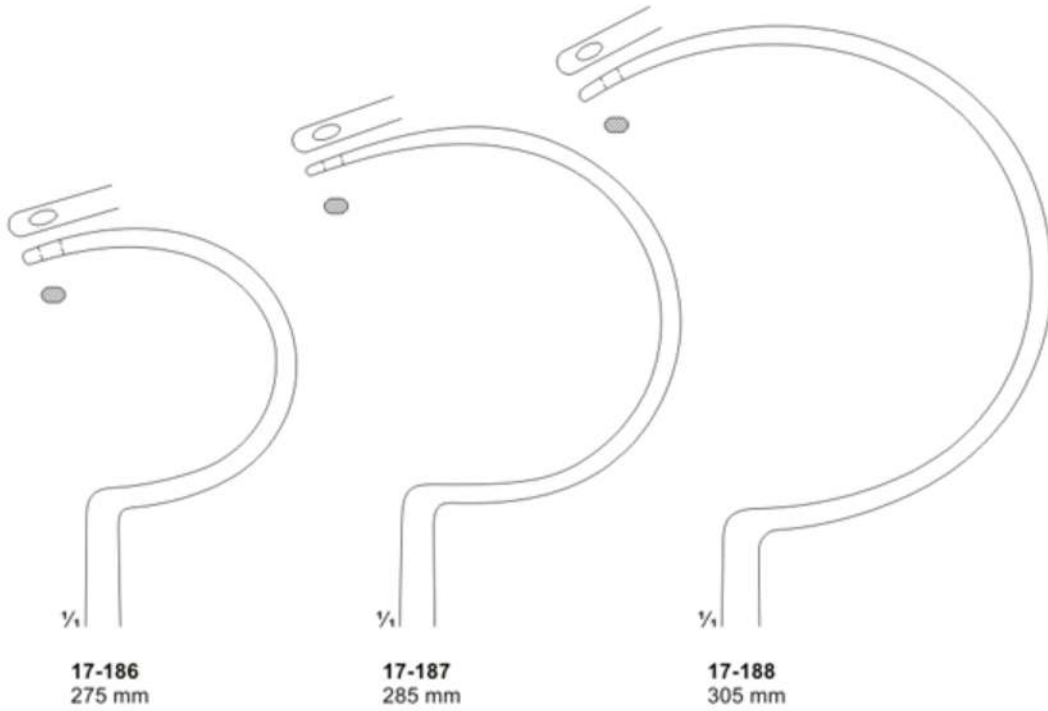


17-181
Traction hook only,
small size

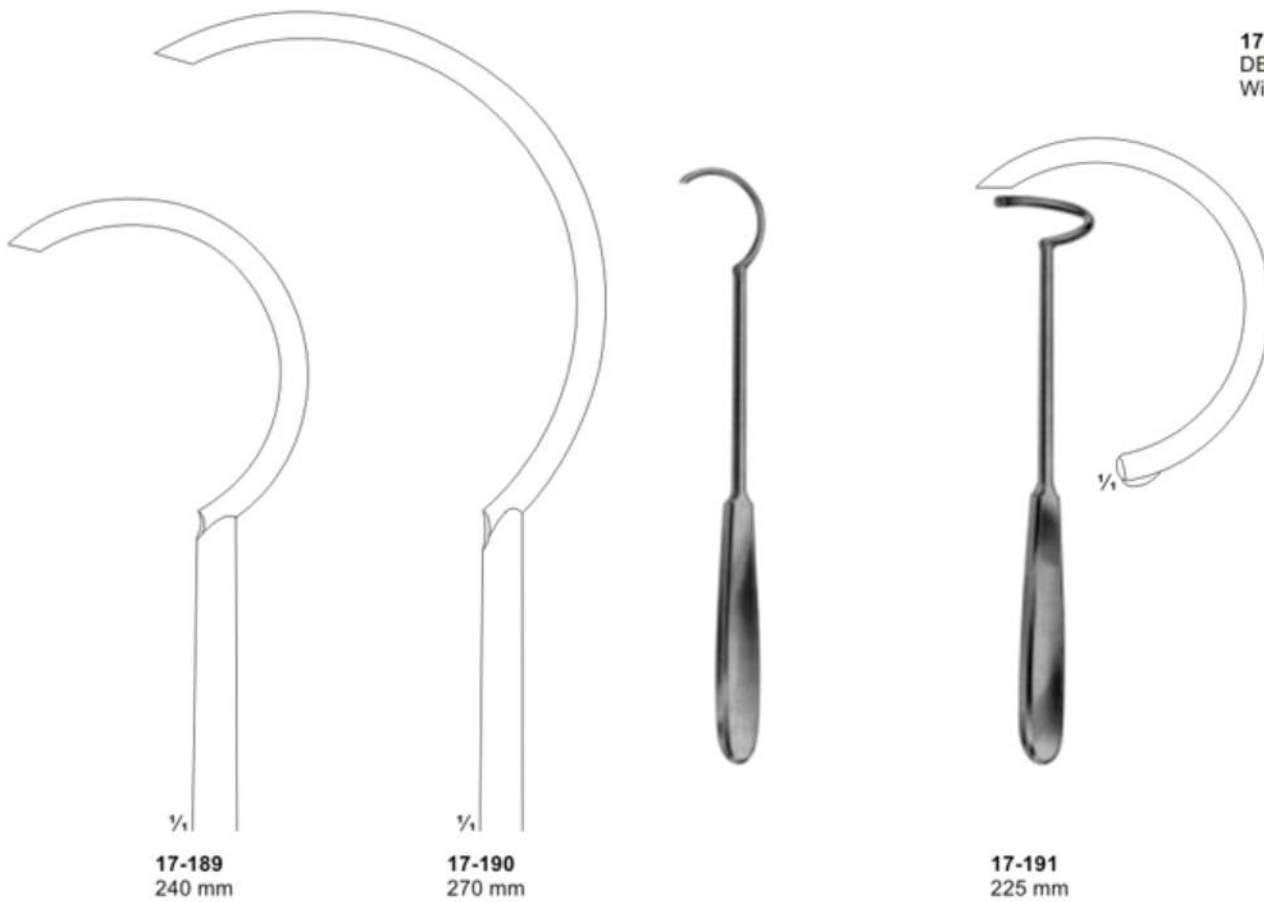


17-185
Fixation clamp, to secure clamping
jaws of **17-179** stainless steel

Cerclage Instruments



17-186 - 17-188
DEMEL
Wire guides



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



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



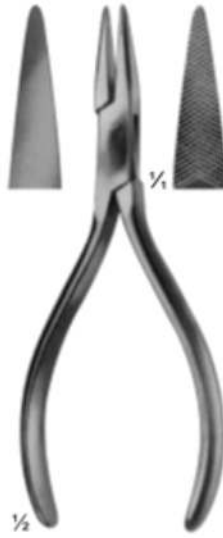
17-193
DUROGRIP
Wire, tightening pliers,
Ligature pliers
150 mm



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



17-195
with serrated jaws
140 mm



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



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



17-199
190 mm

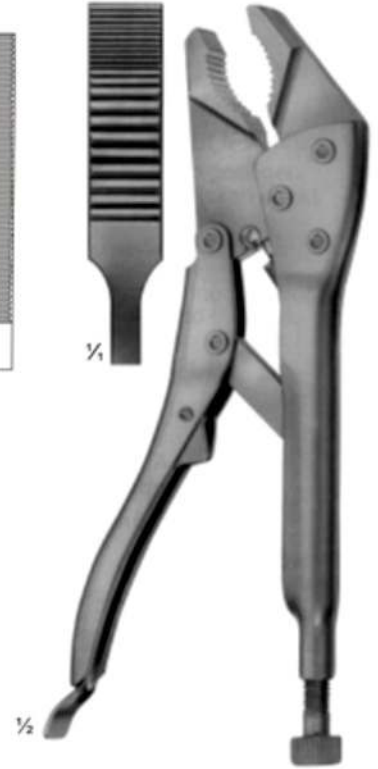
Wire Holding forceps, Flat-nosed Pliers, Pliers for bending and cutting wires



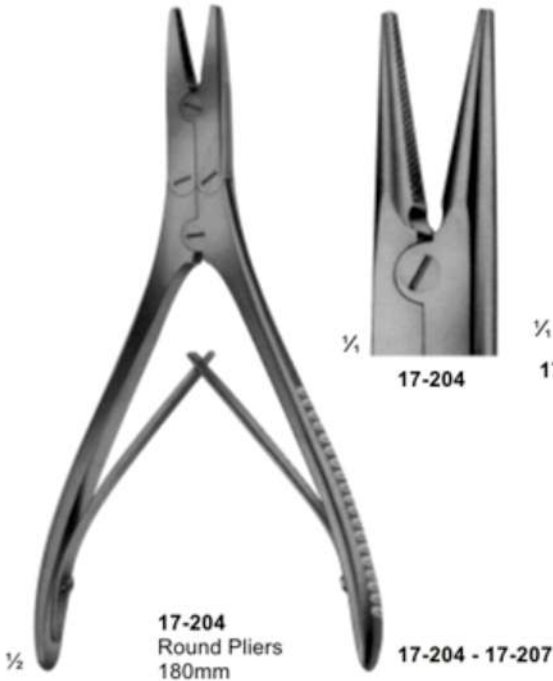
17-200 - 17-201
Extraction pliers
for boring wires



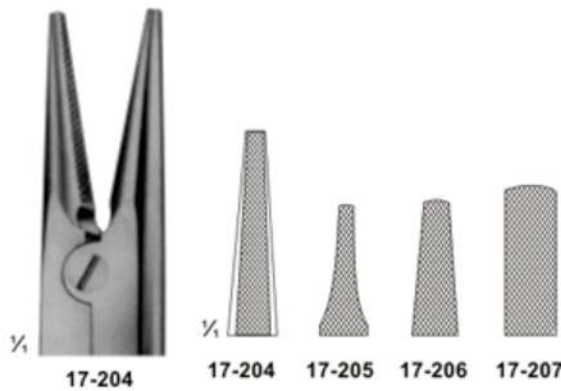
17-202
Flat-nosed pliers,
parallel
185 mm



17-203
Vise grip
200 mm



17-204
Round Pliers
180mm



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



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

Wire Cutters and wire Cutting Scissors

DUROTIP with Carbide Cutting Edges



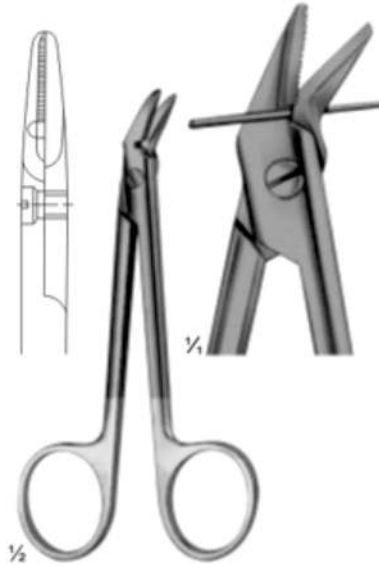
17-209
ANGLE
130 mm

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

0,5 mm
0,3 mm

17-210
DUROTIP
ANGLE
130 mm

0,6 mm
0,4 mm



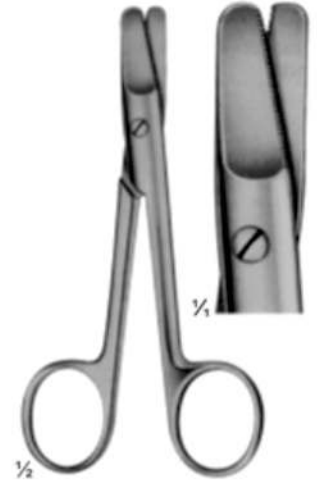
17-211
120 mm

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

1,2 mm
0,8 mm

17-212
DUROTIP
120 mm

1,2 mm
0,8 mm



17-213
HARVEY
125 mm

0,4 mm
0,3 mm



17-214
150 mm

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

1,5 mm
1,0 mm



17-215
160 mm

1,5 mm
1,2 mm



17-216
140 mm
DUROTIP
1,5 mm

1,0 mm

Wire Cutting Pliers, Lateral Cutting Action



17-217
180 mm

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



17-218
REILL
175 mm

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



DUROTIP

17-219
235 mm

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

Wire Cutting Pliers, Lateral and Front Cutting Action



17-220
240 mm

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



17-221
145 mm

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



17-222
145 mm

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



17-223
220 mm

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

Wire Cutting Pliers



17-224
 320 mm

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



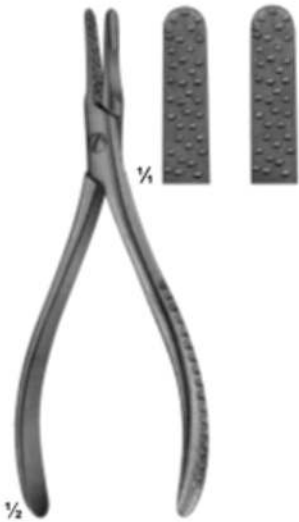
Cutter for cutting off
 KIRSCHNER wires,
 Tibia head screws,
 bolts, pins, up to 3 mm diam.



DUROTIP

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

Finger Nail Instruments



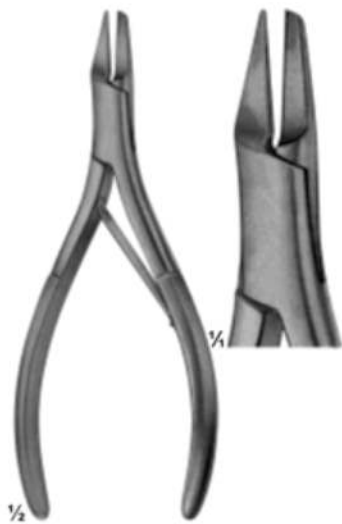
17-226
Nail extracting
forceps
135 mm



17-227
Nail extracting
forceps
145 mm



17-228
Finger nail drill
with 3 drill points



17-231
Nail splitting
forceps
135 mm



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



17-233
Finger ring saw
150 mm

Plaster Shears



17-235
STILLE-AESCULAP
260 mm



17-236
STILLE-AESCULAP
360 mm

Plaster Spreader, Plaster Breakers



17-237
 HENING
 270 mm



17-238
 MOD.USA
 230 mm



17-239
 290 mm

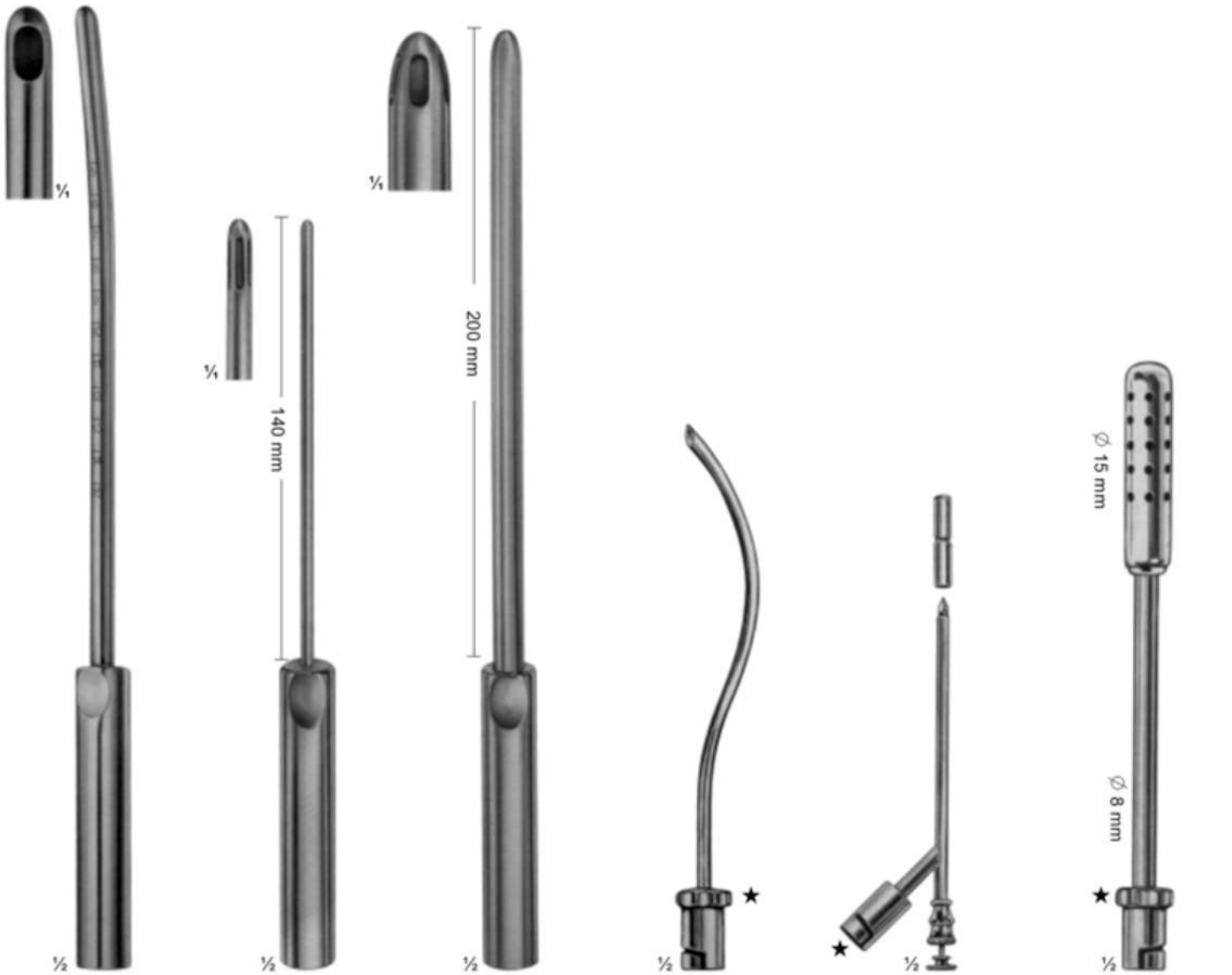


with removable jaws



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

Vacuum Curettes for Aspiration Lipectomy, Suction Instruments



18-101 - 18-106

BIEMER

18-101 \varnothing 4 mm

18-102 \varnothing 6 mm

18-103 \varnothing 8 mm

18-104 \varnothing 10 mm

18-105 \varnothing 12 mm

18-106 \varnothing 14 mm

Curettes for aspiration lipectomy, graduated, slightly curved

18-107 - 18-108

BIEMER

18-107 \varnothing 4 mm

18-108 \varnothing 6 mm

Curettes for aspiration lipectomy, with three apertures, slightly curved malleable

18-109 - 18-111

BIEMER

18-109 \varnothing 8 mm

18-110 \varnothing 10 mm

18-111 \varnothing 12 mm

Curettes for aspiration lipectomy, with three apertures, slightly curved malleable

18-112

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

18-113

Trocar
For puncturing
150 mm

18-114

For clearing large quantities of fluid
190 mm

Suction Instruments

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



olive
Ø 9 mm

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



Both suction handles have bayonet fitting olive and can be used for the suction cannulae. Ø 9 mm



18-117
Trocar
For puncturing
170 mm



18-118
Hollow needle,
sharp
150 mm



18-119
double curved
For general
surgery
230 mm



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



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

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

Suction Instruments

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



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



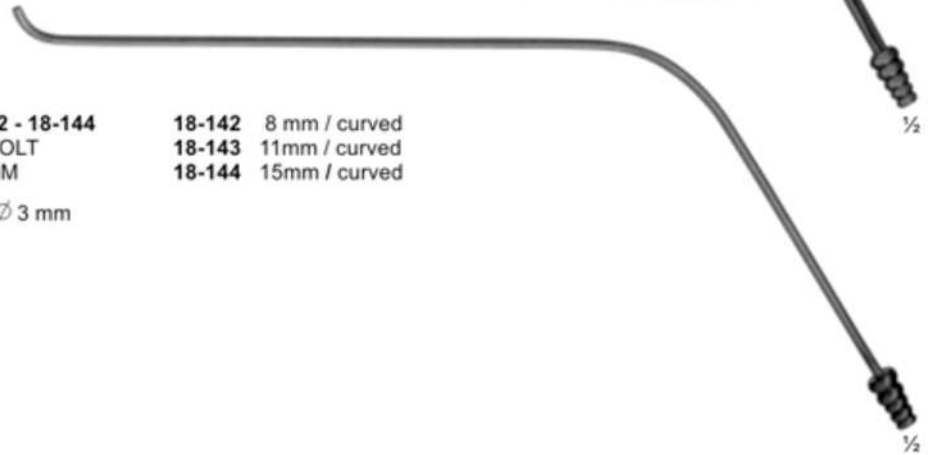
Usable length

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

olive
Ø 6,5-9 mm
with LUER hub

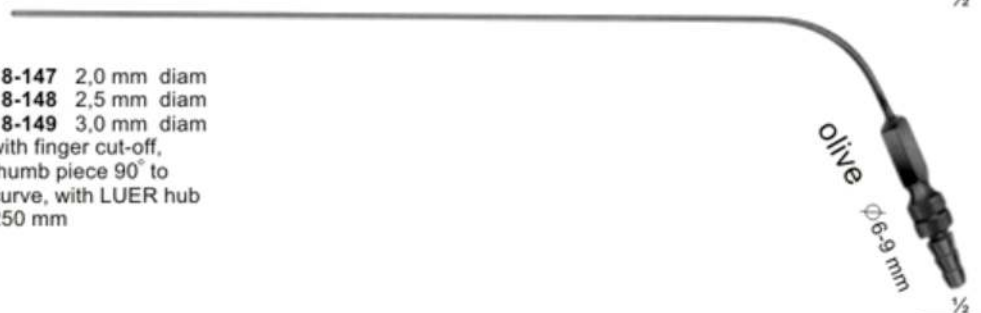
18-142 - 18-144
LANDOLT
150 MM
diam Ø 3 mm

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

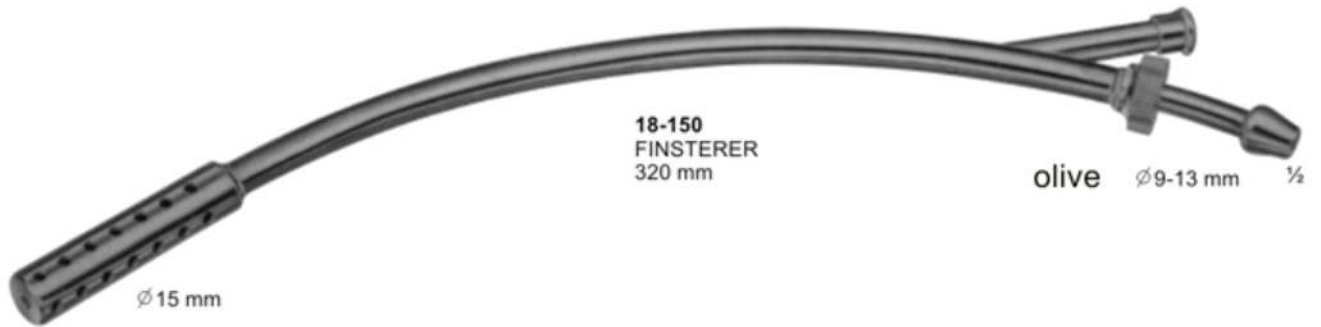


18-145 500 mm
18-146 350 mm
with rubber tip,
with LUER hub

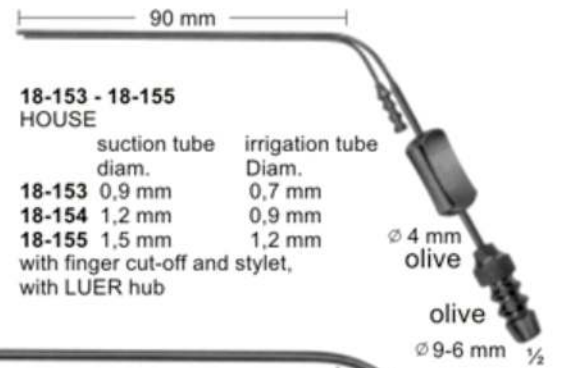
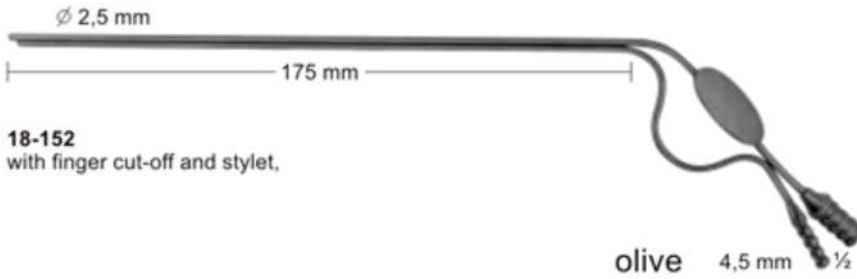
18-147 2,0 mm diam
18-148 2,5 mm diam
18-149 3,0 mm diam
with finger cut-off,
thumb piece 90° to
curve, with LUER hub
250 mm



Combined Suction and Irrigation Cannulae, Coagulation Suction Cannulae

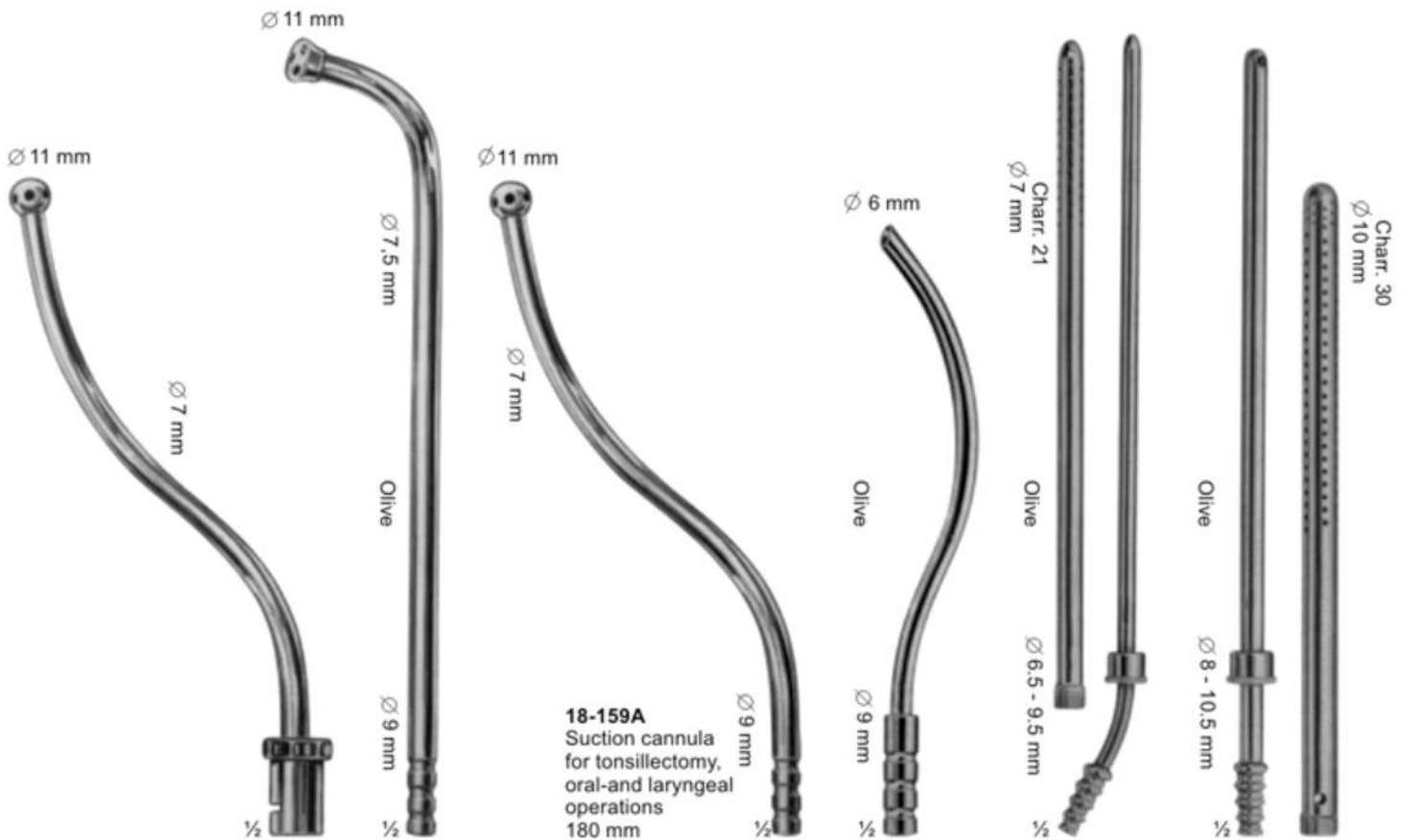


18-151
YASARGIL
LUER-LOCK cone
200 mm



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

Suction Instruments



18-158
For tonsillectomy,
oral-and laryngeal
operations
180 mm

18-159
Suction cannula
for tonsillectomy,
oral-and laryngeal
operations
220 mm

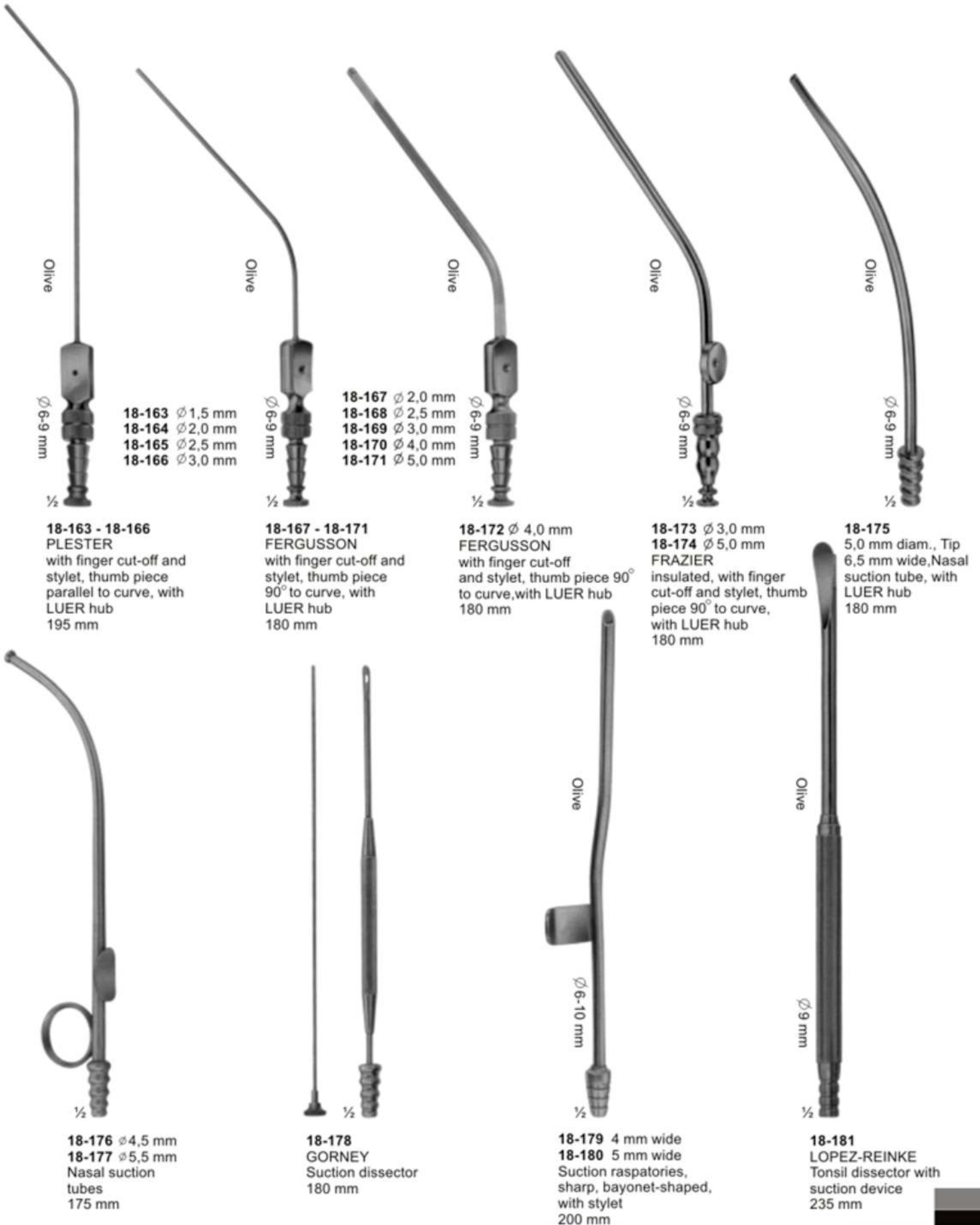
18-159A
Suction cannula
for tonsillectomy,
oral-and laryngeal
operations
180 mm

18-160
S-shaped blunt cannula
for aspirating fluid from
the excretory ducts of
large glands and for
keeping the operating
area clear
170 mm

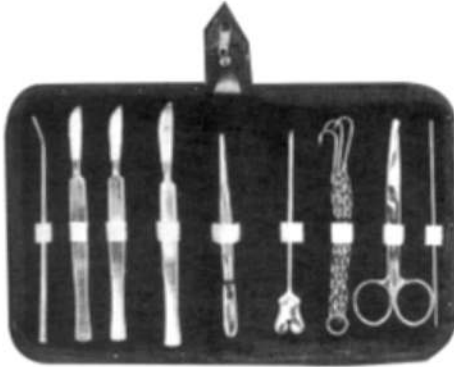
18-161
POOL
Suction cannula,
with outer tube
to be screwed off
225 mm

18-162
POOL
Suction cannula,
with outer tube
to be screwed off
225 mm

Suction Instruments

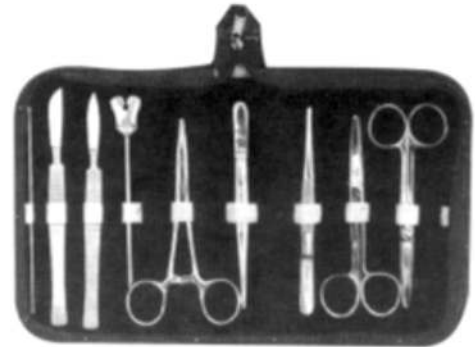


Dissection Instruments



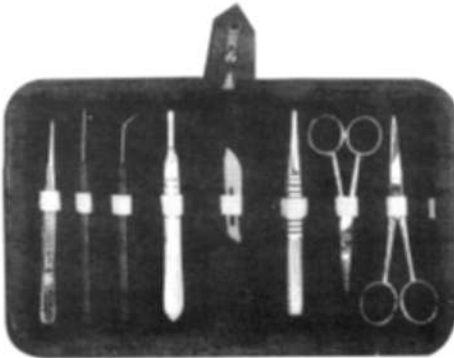
18-182

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



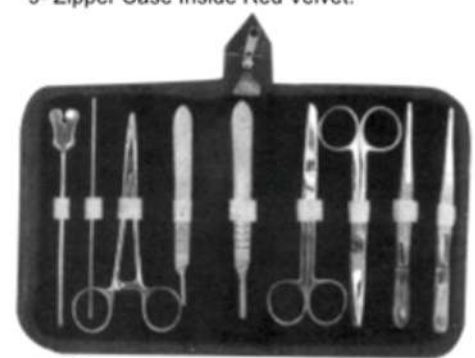
18-183

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



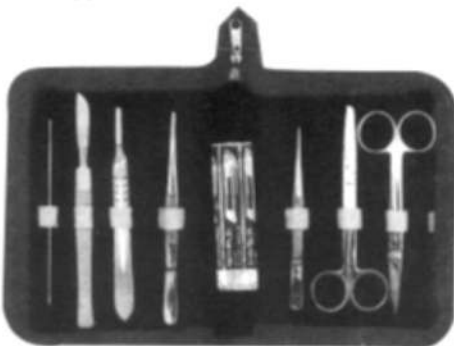
18-184

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



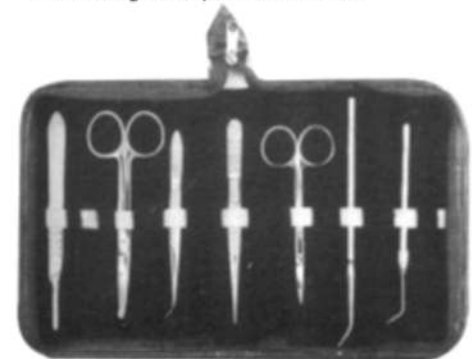
18-185

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



18-186

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



18-187

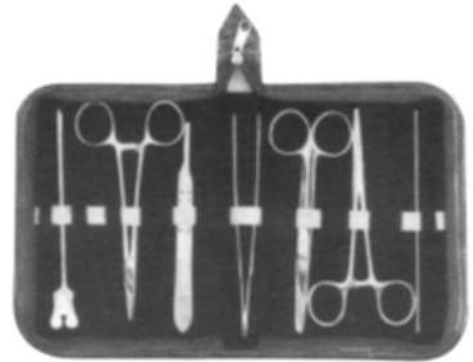
- 1- Teasing Needle with Chuck CVD.
- 2- Huber Probe
- 3- Iris Scissor
- 4- Dissecting Forcep Fine 14 cm.
- 5- Dissecting Forcep Fine CVD. 12 cm
- 6- Operating Scissor with Probe 14 cm.
- 7- B.P. Handle no. 4

Dissection Instruments



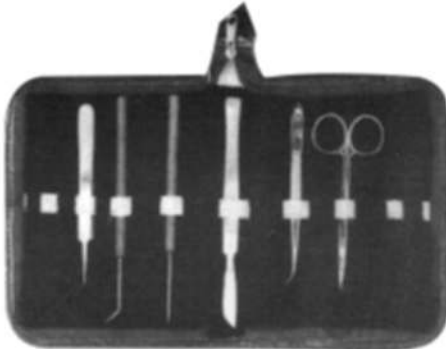
18-188

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



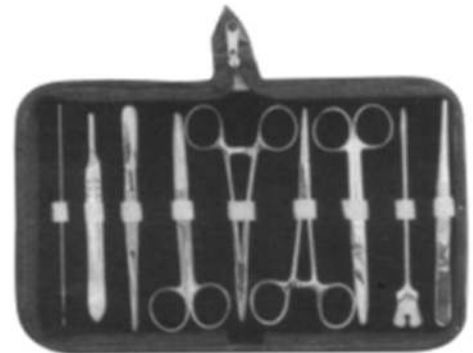
18-189

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



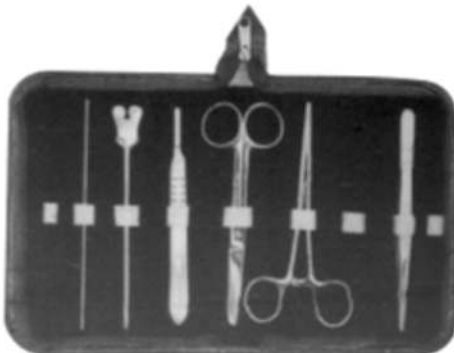
18-190

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



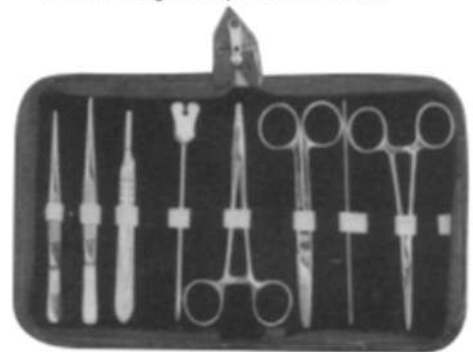
18-191

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



18-192

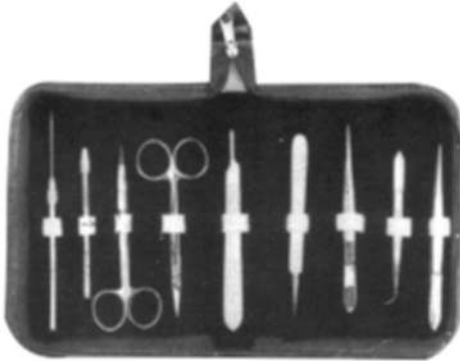
- 1- Probe double end.
- 2- Grooved director and tounge tie.
- 3- B.P handle no.4
- 4- Operating scissor STR S/b14cm.
- 5- Kelly forceps STR 14cm.
- 6- Dissecting forceps thumb 13cm.



18-193

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

Dissection Instruments



18-194

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



18-195

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



18-196

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



18-197

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

Hospital Wares



19-101 - 115
Schimmelbusch

	Ø x H sizes in mm
19-101	80 x 80
19-102	105 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 340
19-114	390 x 190
19-115	390 x 290



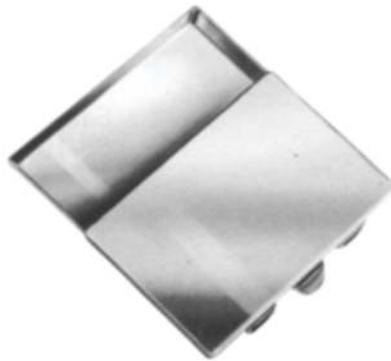
19-116
Box
120 x 65 x 13mm
(without Bulldog clamps,
without silicone tape)



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



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



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



19-122
Ø 65mm x 15mm

Hospital Wares



19-123 - 131

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



19-141 - 142

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



19-132 - 139

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



19-140
205 x 105 x 35 mm

Round Metal Boxes and Medicine Cups



19-143 - 148

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



19-149
25 cc

19-150
50 cc



19-151
20 cc
Medicine Spoon



19-152
Ø 75 x 12 mm
Tablet Tray



19-153
Ø 90 x 90 mm
Metal Cup



19-154
Ø 75 x 80 mm
Sputum Cup



Kidney Dish



19-155 - 157

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

Hospital Wares



19-158 - 165



19-166 - 170

	Ø x H	
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	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
Ø 110 x 28 mm 0.15L



19-172
100 cc 0.1L



19-173 - 176
19-173 0.25L
19-174 0.50L
19-175 1.00L
19-176 2.00L



19-177
235 x 190 x 40 mm



19-178
Ø 220 x 70 mm

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
 Instruments Tray



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
 Instruments Tray



19-194
 Instruments Tray



19-195
 150 x 95 x 11 mm

Storing Cases



19-199 - 209

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



19-196
Deponette
245 x 135 x 35mm



19-197
Deponette
245 x 135 x 50mm



19-198
Deponette
245 x 135 x 60mm

Sterilizing Baskets / Trays

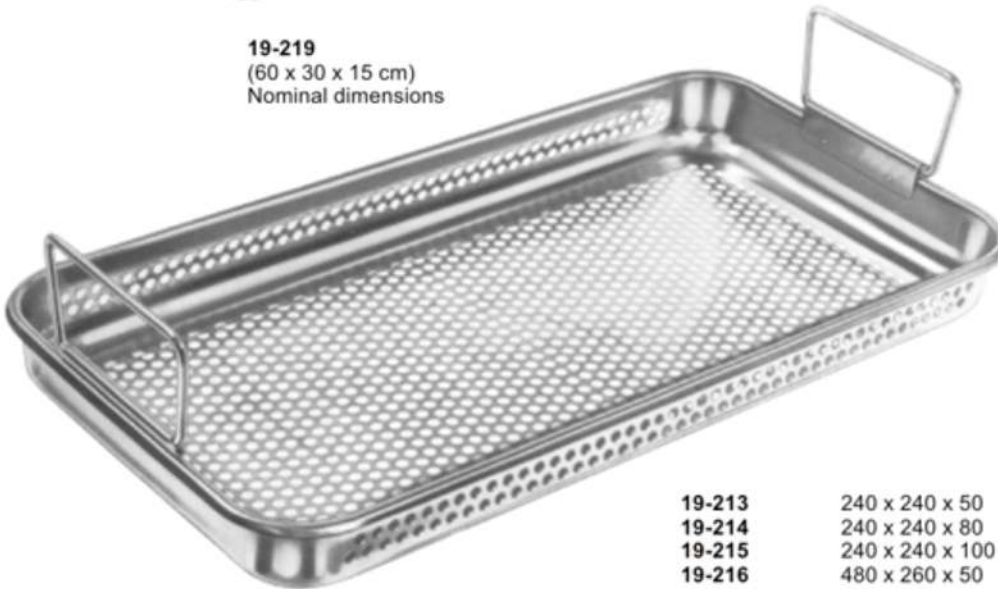


19-210 - 212

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



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



19-213 - 218

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

Scissors with Tungsten Carbide Inserts



26-101
Standard

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



26-102
Standard

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



26-103
Standard

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



26-104
Standard

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



26-105
Standard

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



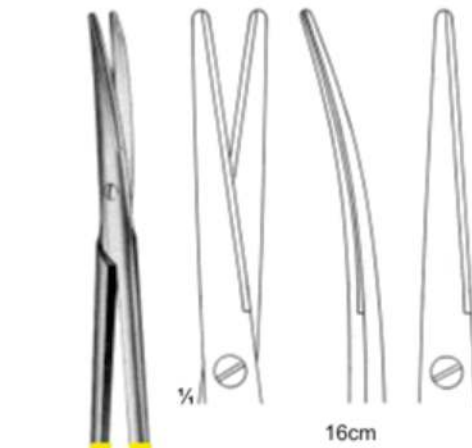
26-106
Standard

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

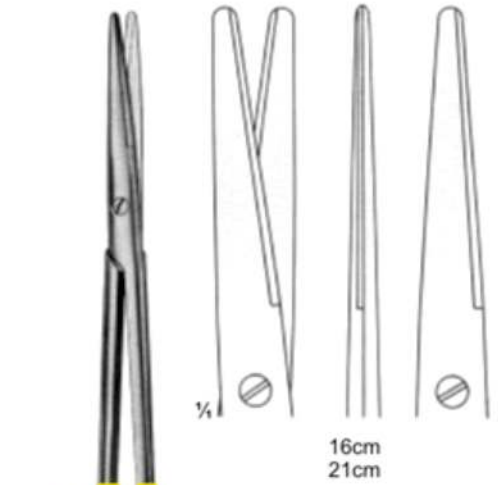
Scissors with Tungsten Carbide Inserts



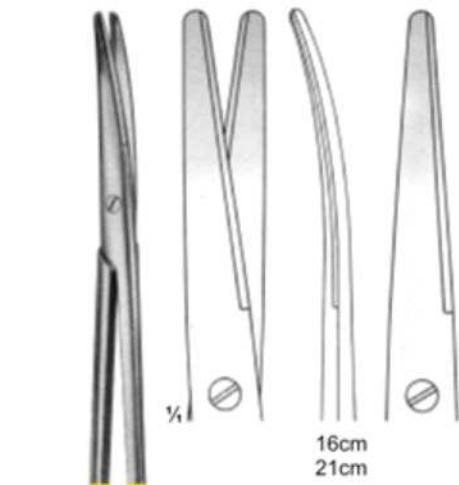
1/2
26-107
 Mayo-Lexer



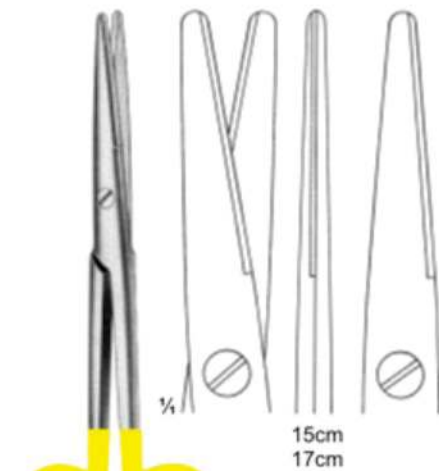
1/2
26-108
 Mayo-Lexer



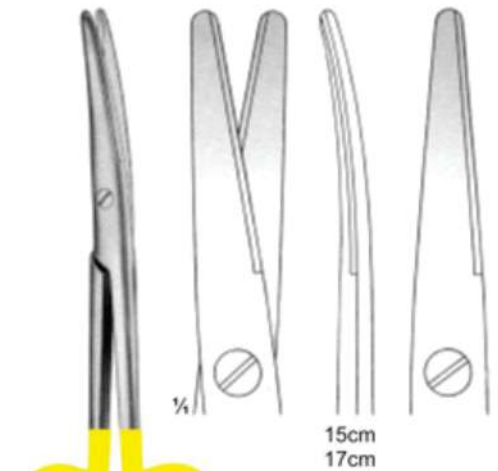
1/2
26-109
 Lexer



1/2
26-110
 Lexer



1/2
26-111
 Mayo-Stille

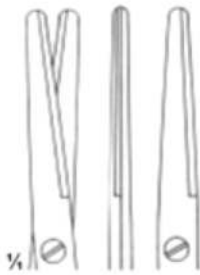


1/2
26-112
 Mayo-Stille

Scissors with Tungsten Carbide Inserts



26-113
Metzenbaum



18cm 11,5cm
20cm 14,5cm
28cm 23,5cm
30cm 25,5cm



26-114
Metzenbaum



11,5cm 14,5cm
23cm 25cm



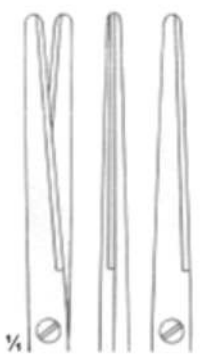
26-115
Metzenbaum



18cm 20cm
28cm 30cm



26-116
Metzenbaum-Fino



14cm 18cm 20cm
23cm 25cm 28cm



26-117
Metzenbaum-Fino



14cm 18cm 20cm
23cm 25cm 28cm

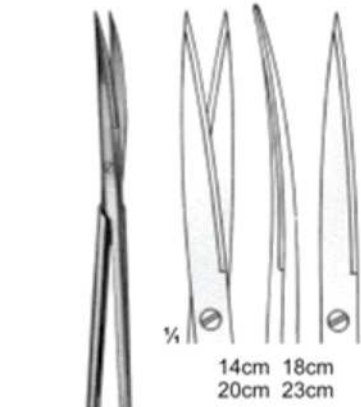


26-118
Metzenbaum-Fino



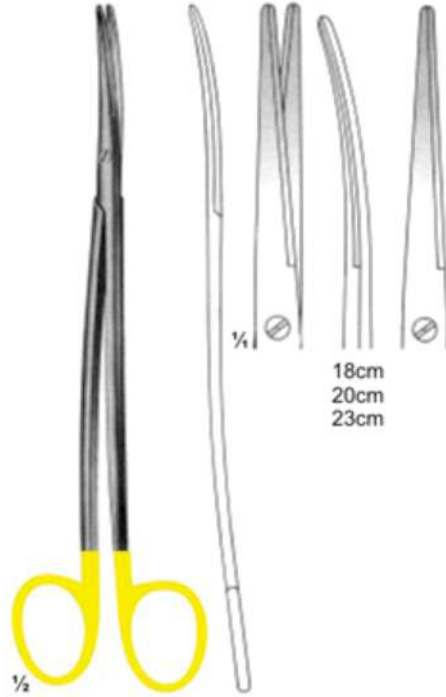
14cm 18cm
20cm 23cm

Scissors with Tungsten Carbide Inserts



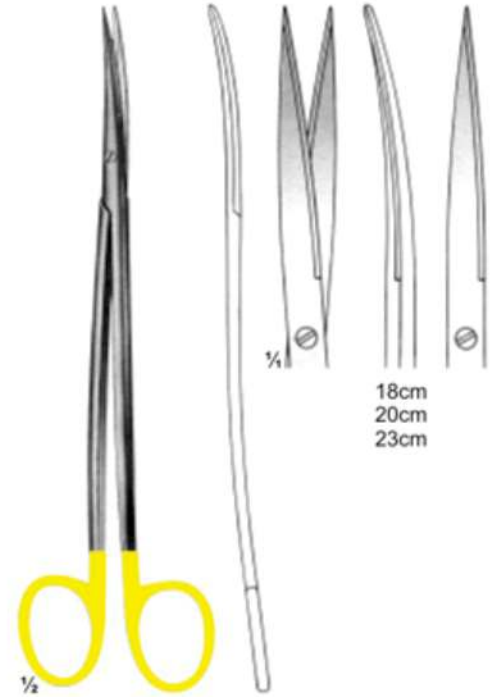
1/2
26-119
Metzenbaum-Fino

14cm 18cm
20cm 23cm



1/2
26-120
Metzenbaum-Fino

18cm
20cm
23cm



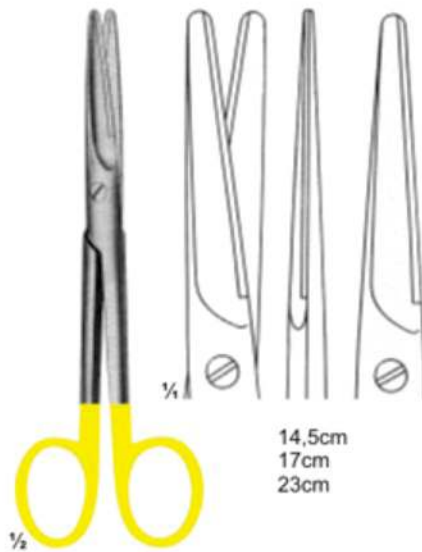
1/2
26-121
Metzenbaum-Fino

18cm
20cm
23cm



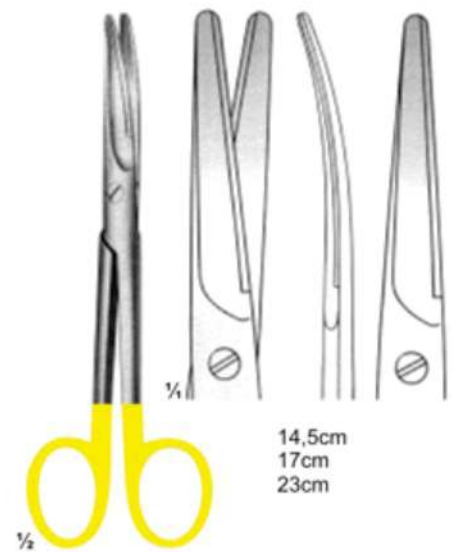
1/2
26-122
Metzenbaum

20cm
23cm



1/2
26-123
Mayo

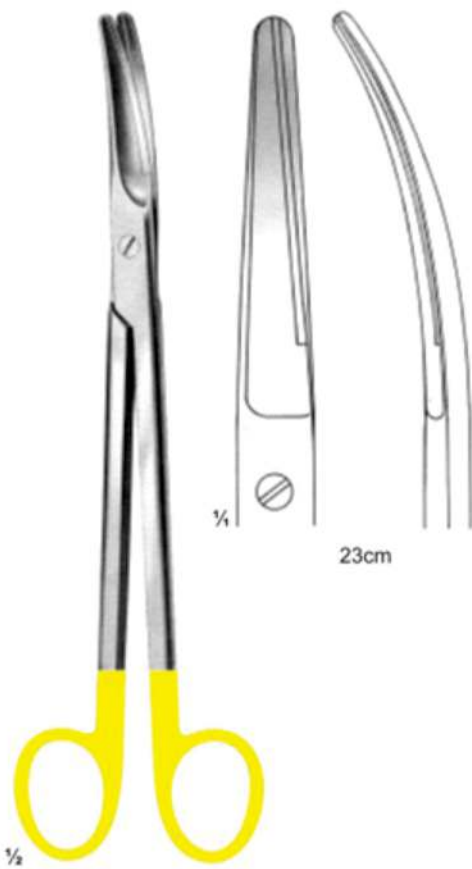
14,5cm
17cm
23cm



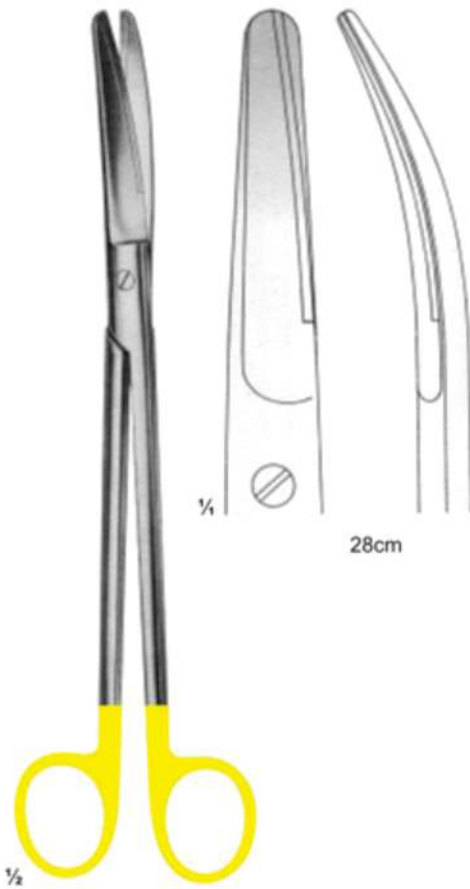
1/2
26-124
Mayo

14,5cm
17cm
23cm

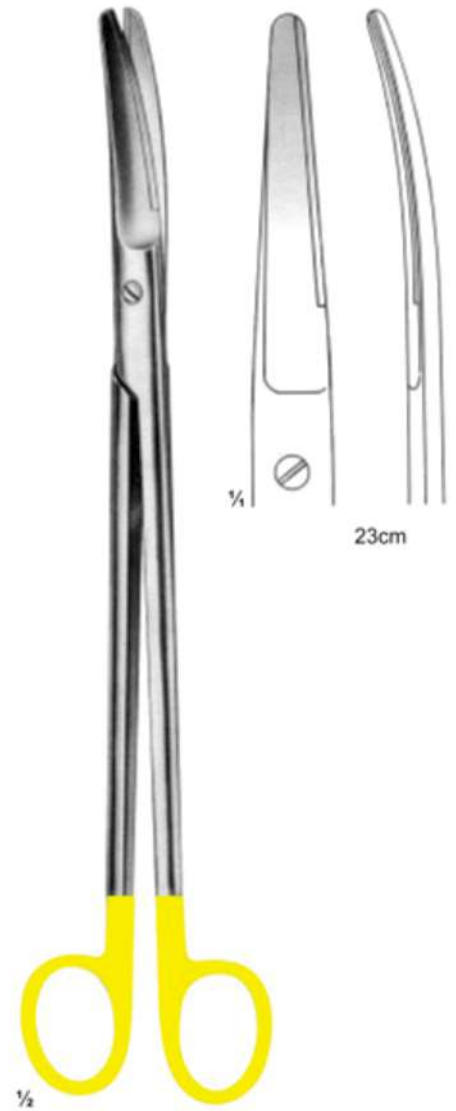
Scissors with Tungsten Carbide Inserts



$\frac{1}{2}$
26-125
 Parametrium

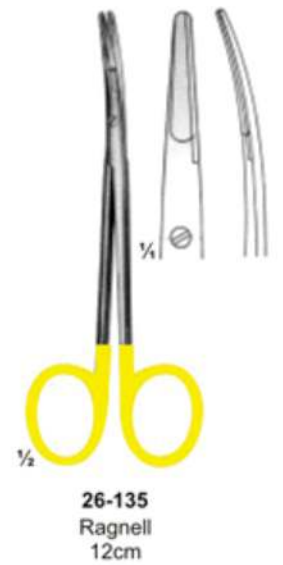
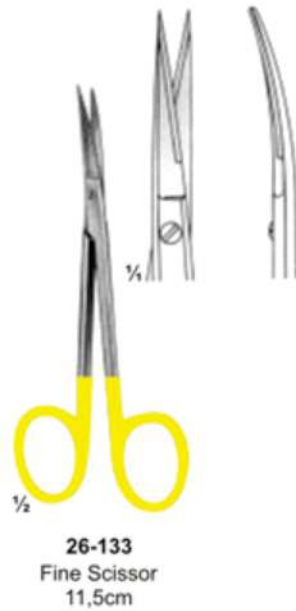


$\frac{1}{2}$
26-126
 Mayo-Harrington

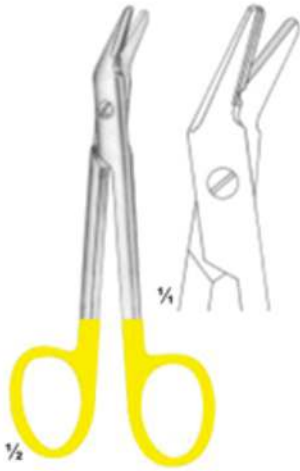


$\frac{1}{2}$
26-127
 Sims

Scissors with Tungsten Carbide Inserts



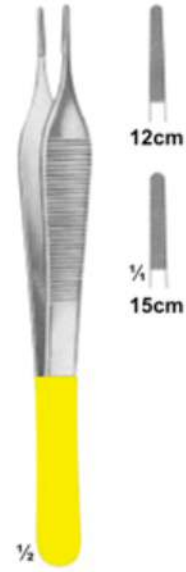
Scissors & Dissecting Forceps with Tungsten Carbide Inserts



26-136
Universal
12cm



26-137
Ligature Scissors
1 Black & 1 Goldplated ring
14cm 17cm 23cm



26-138
Adson
12cm 15cm



26-139
Cushing
17,5cm



26-140
Cushing
18cm



26-141
Cushing-Taylor
18cm

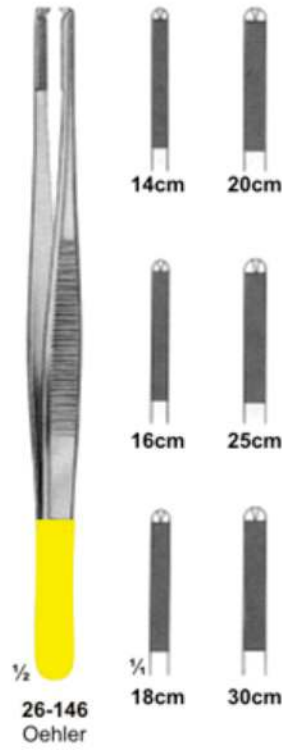
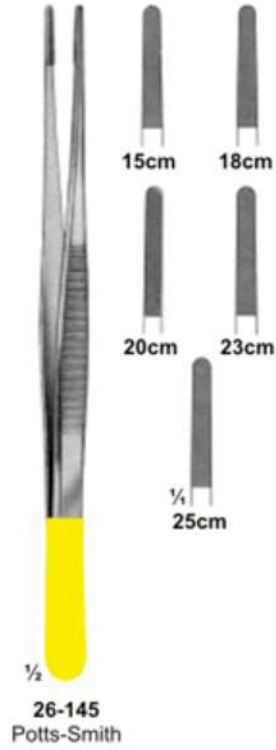
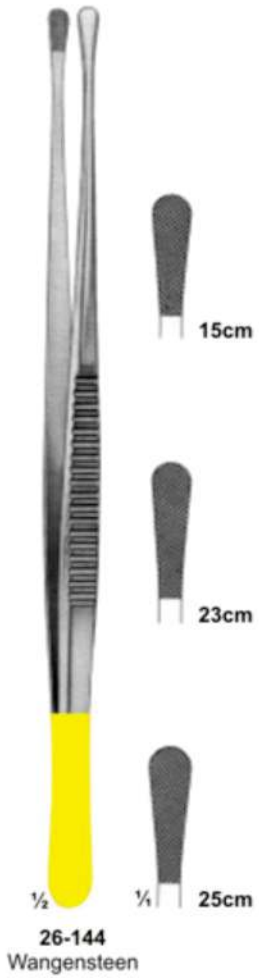


26-142
Dissecting Forceps
15cm



26-143
Semken
15cm

Dissecting Forceps and Needle holders with



Needle holders with Tungsten Carbide Inserts



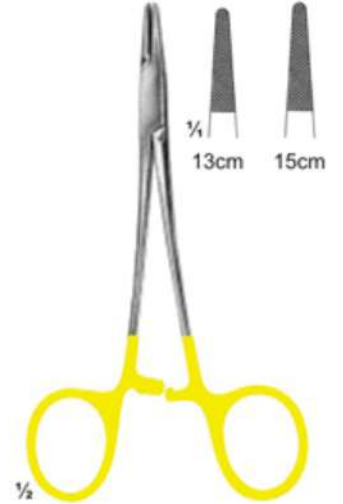
26-152
Arruga
16cm



26-153
Castroviejo
13cm



26-154
Hegar
20cm 24cm



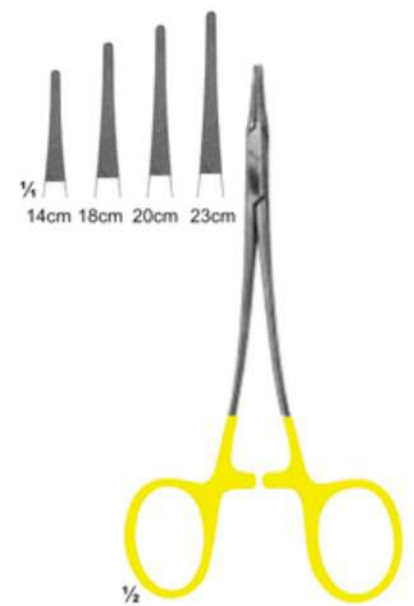
26-155
Halsey
13cm 15cm



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



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



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

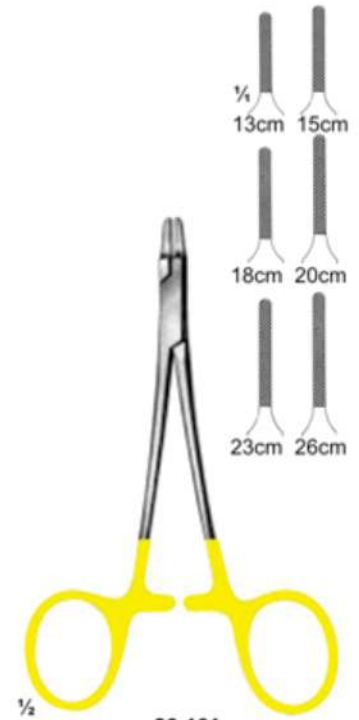
Needle holders with Tungsten Carbide Inserts



26-159
 Bozemann-Wertheim
 20cm 24cm 26cm



26-160
 Stratte
 22cm 23cm



26-161
 Ryder
 13cm 15cm 18cm
 20cm 23cm 26cm



26-162
 Ryder-Vascular
 13cm 15cm 18cm
 20cm 23cm 26cm



26-163
 Martin
 15cm 17cm 20cm



26-164
 Sarot
 18cm 20cm 26cm

Needle holders with Tungsten Carbide Inserts



Needle holders with Tungsten Carbide Inserts



26-172
 Mathieu-Ryder
 17cm
 20cm 24cm



26-173
 Lichtenberg
 20cm



26-174
 Langhals
 20cm 25cm



26-175
 Lichtenberg
 20cm 25cm



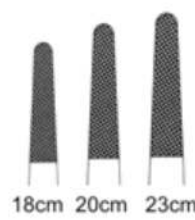
26-176
 Luehty-Beck
 20cm 25cm



26-177
 Luehty-Beck
 20cm 25cm



26-178
 Langebeck
 18cm
 20cm 23cm



26-179
 Langebeck-beck
 18cm
 20cm 23cm

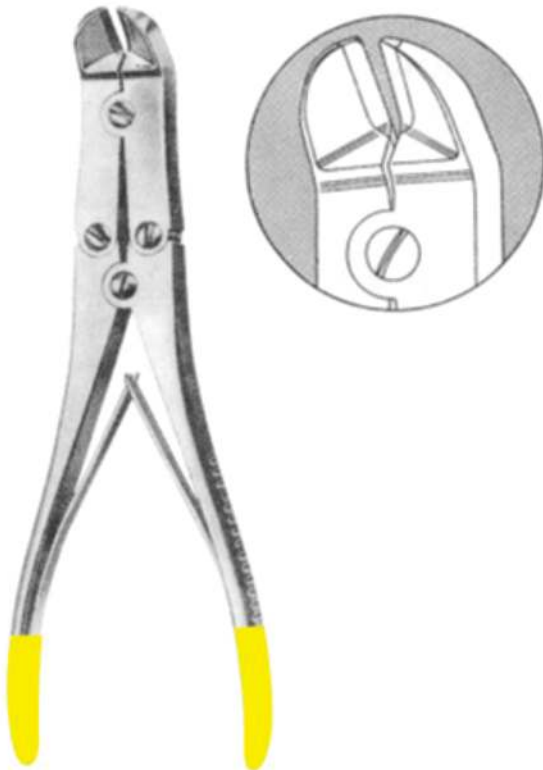
Wire Cutting Plier With T.C. Inserts



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



26-181
Cutting Plier
 12 cm



26-182
MULLAR CLAUS
 22 cm



26-183
Plier
 17.5 cm

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