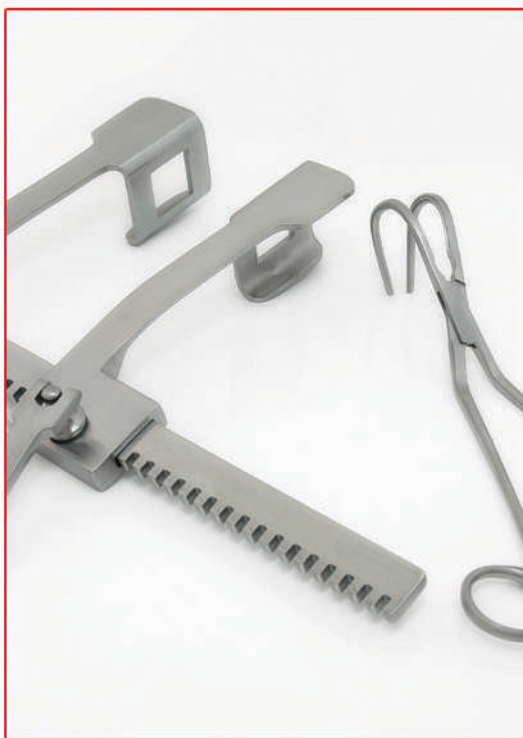




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Co.Ltd



**SURGICAL
INSTRUMENTS
CATALOG**



am rays

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Percussion Hammers and Aesthesiometers



Stethoscopes



01-110
PINARD (Aluminum)
Size: 155 mm



01-111
wooden
Size: 145 mm



01-112
BOWLES
Stethoscope
with diaphragm



01-113
ANESTOPHON



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



01-115
BOWLES



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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



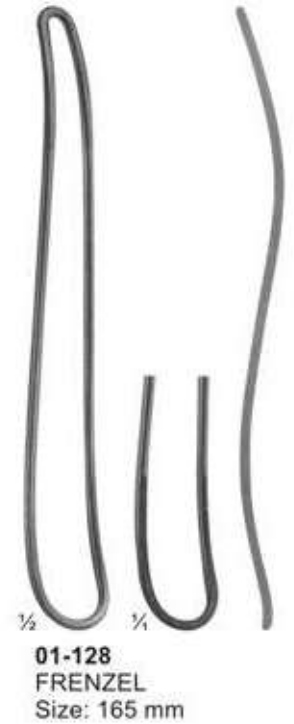
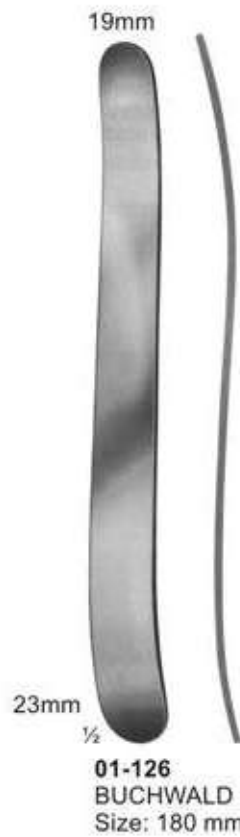
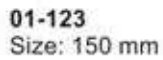
01-120
MURPHY
head band of celluloid, white



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



01-122
head mirror with black
plastic head band.



Instruments for Anaesthesia and Tongue Forceps



01-134
SCHIMMELBUSCH
Ether mask



01-135
HEISTER
Mouth gag
Size: 130 mm



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



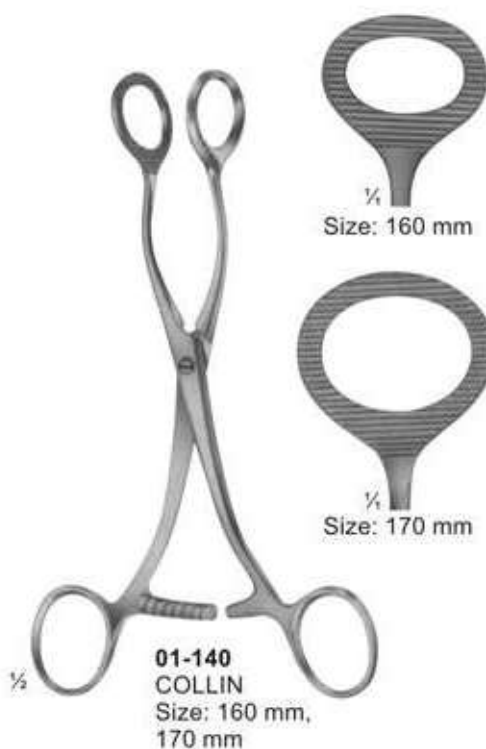
01-137
DENHARDT
Mouth gag with silicon
inserts, interchangeable
Size: 125 mm



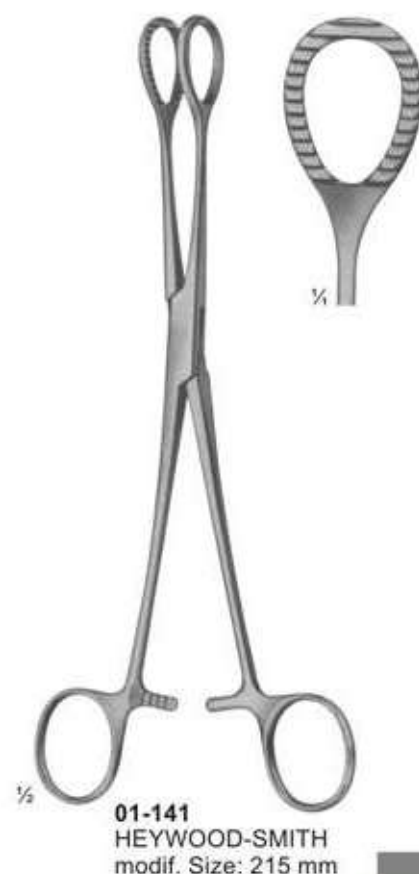
01-138
ROSER KOENIG
Mouth gag
Size: 160 mm, 185 mm



01-139
YOUNG
Size: 165 mm

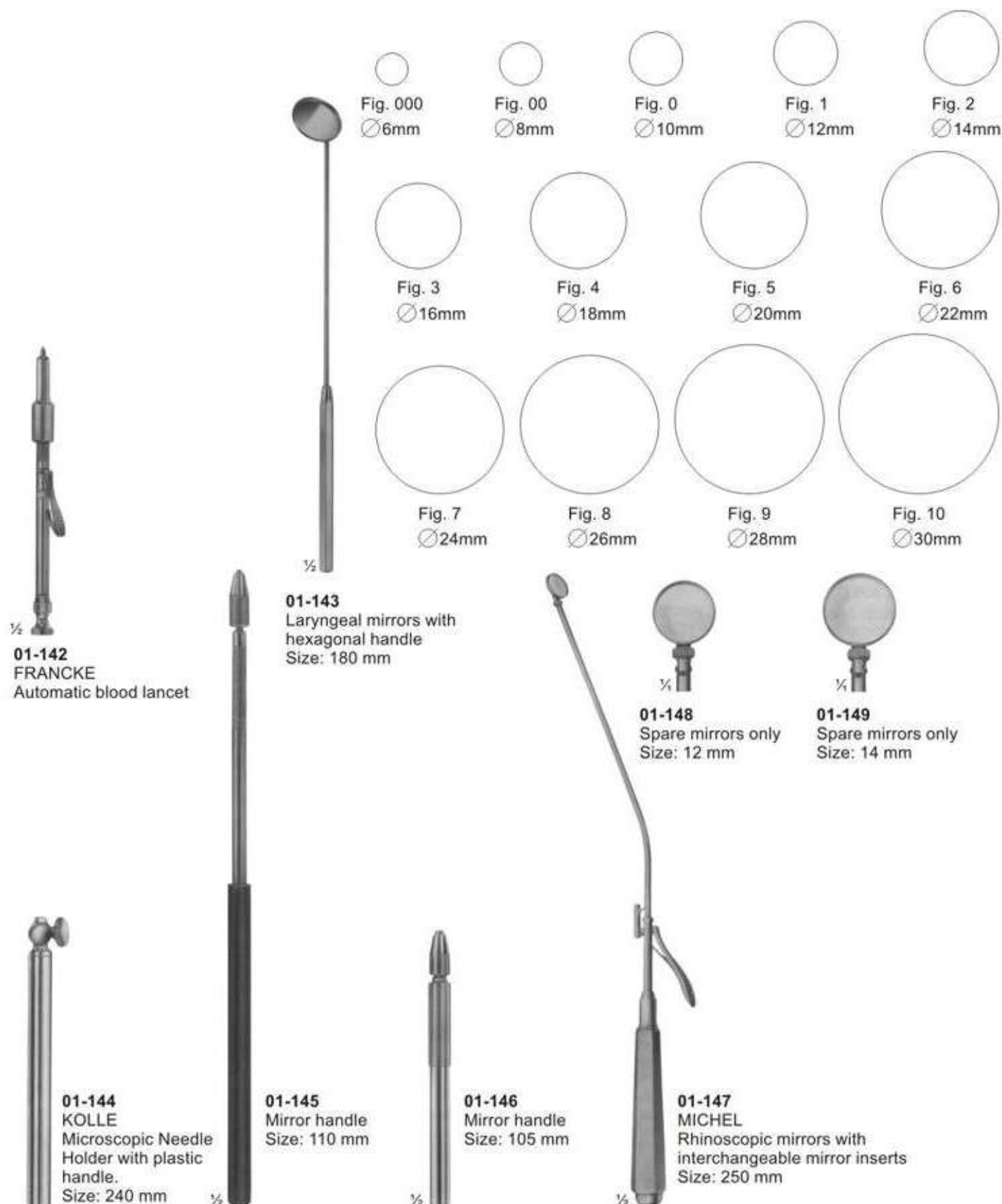


01-140
COLLIN
Size: 160 mm,
170 mm



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

Blood Lancets and Laryngeal Mirrors



Laryngoscope and Diagnostic Sets



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



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

Laryngoscopes



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



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4

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



Fig. 2



Fig. 3



Fig. 4

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)



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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

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,

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



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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



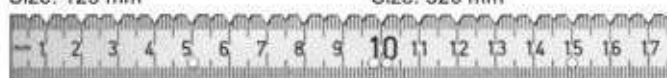
01-173
BERTILLON
Caliper For Measuring The Head
Size: 320 mm



01-174
CASTROVIEJO
Caliper
Size: 75mm



01-175
MOLTGEN
Goniometer



01-176
Size: 150 mm



01-177
Size: 500 mm



Dissecting Knives



02-101 - 110
Fig. 1 - 10



02-101
Fig. 1
30 mm



02-102
Fig. 2
36 mm



02-103
Fig. 3
40 mm



02-104
Fig. 4
45 mm



02-105
Fig. 5
50 mm



02-106
Fig. 6
27 mm



02-107
Fig. 7
35 mm



02-108
Fig. 8
40 mm



02-109
Fig. 9
47 mm



02-110
Fig. 10
50 mm

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

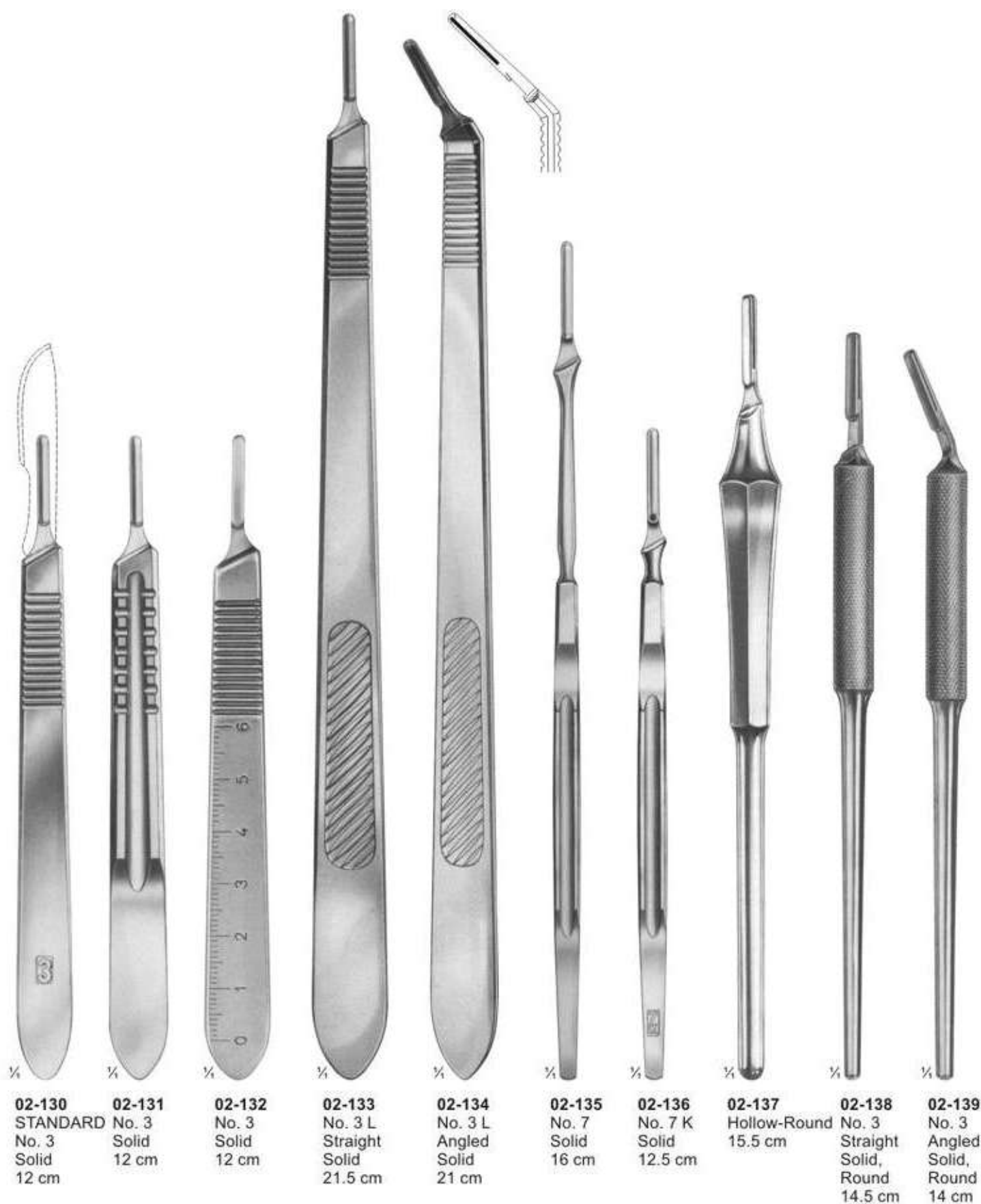
Cone Knives, Myomatome, Trigeminal and Tonsil Knives



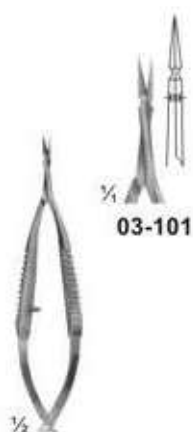


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Scalpel Handles



Micro Scissors (Spring Type) with Flat Handles



03-101 - 103
VANNAS
Size: 85 mm



03-101



03-102



03-103



03-104 - 105
CASTROVIEJO
Size: 95 mm



03-104



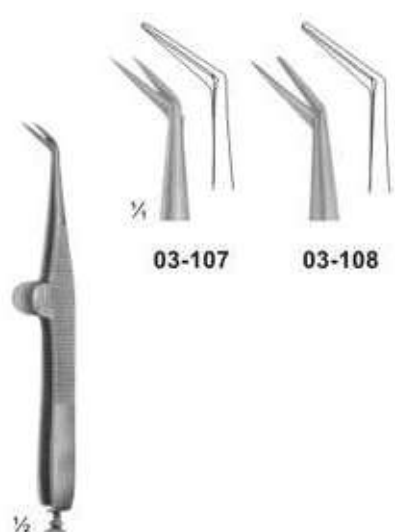
03-105



03-106
NOYES
Size: 125 mm



1/2



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



03-107



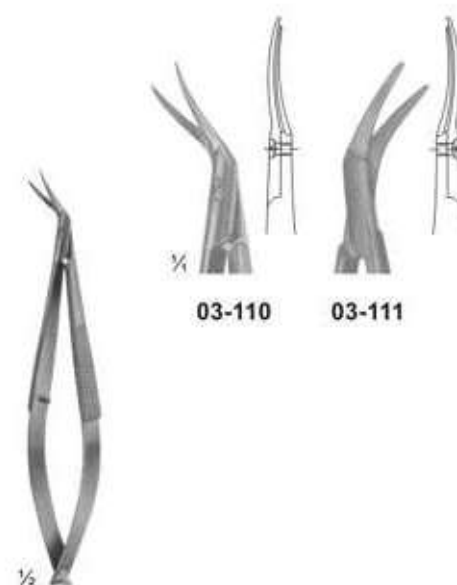
03-108



03-109
CASTROVIEJO
Eye scissor
Size: 115 mm



1/2



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



03-110



03-111



am rays

Micro Scissors (Spring Type) with Flat Handles



03-112 - 113
Size: 120 mm



03-112



03-113



03-114
BIEMER
Vein scissor
Size: 130 mm



03-115
Size: 160 mm



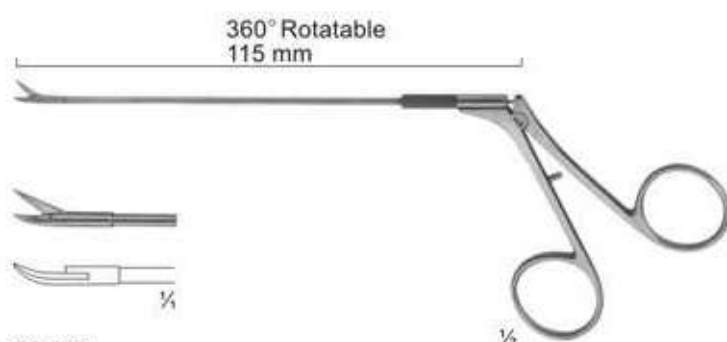
03-116 - 117
VANNAS
Size: 160 mm



03-116



03-117



03-118
CASPAR
Micro scissor curved
Size: 115 mm



03-119



03-120

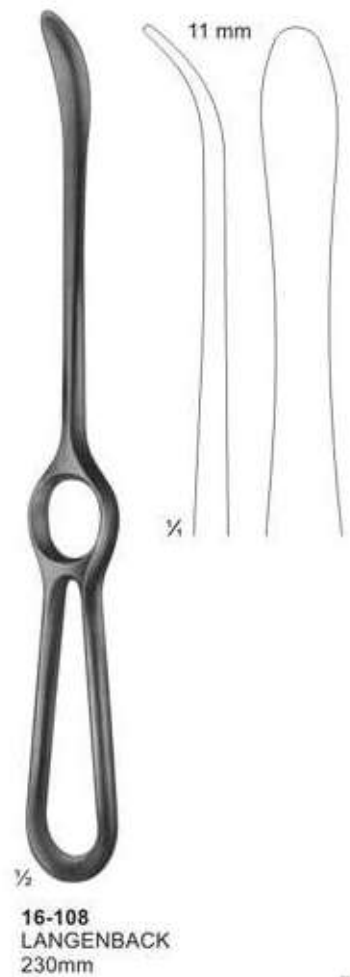
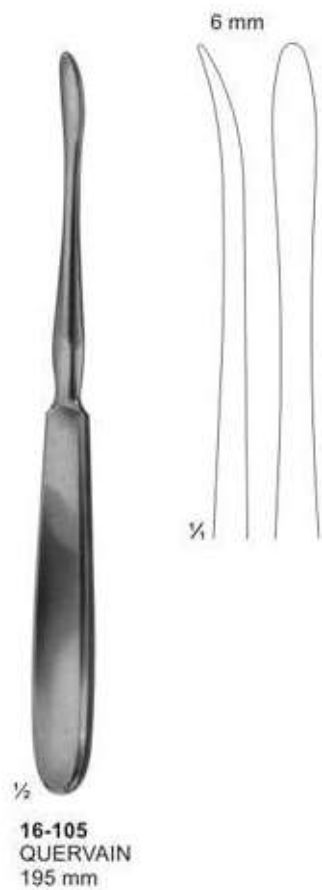
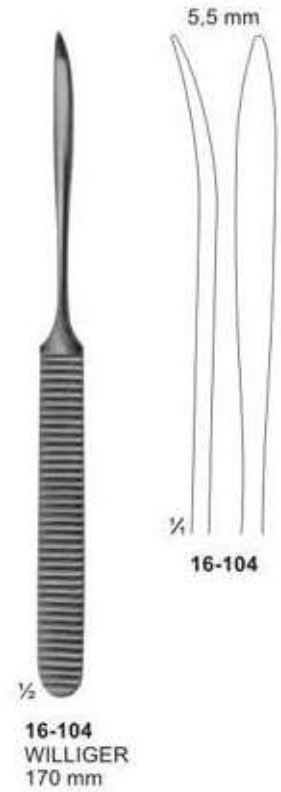
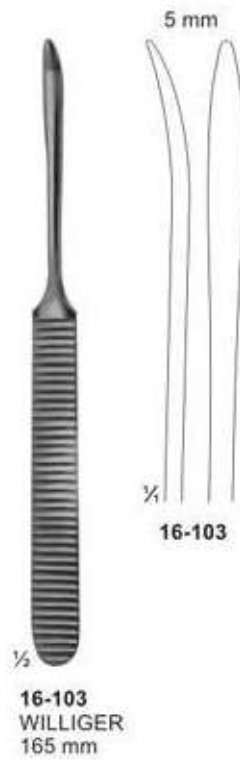
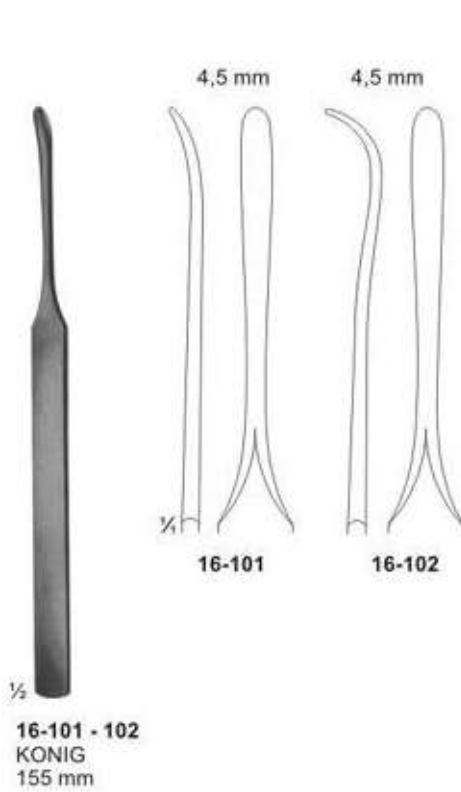


03-121

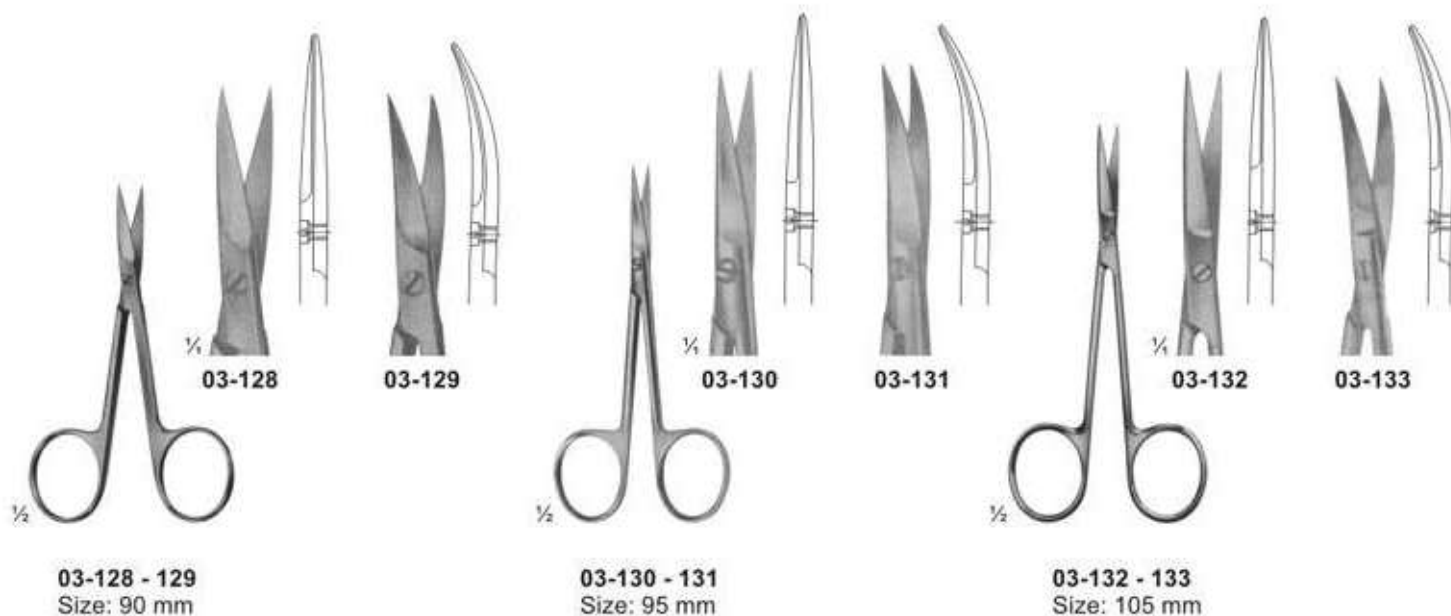


03-119 - 121
Micro dissecting scissor
Size: 145 mm

Elevators and Bone Levers



Delicate Scissors





am rays

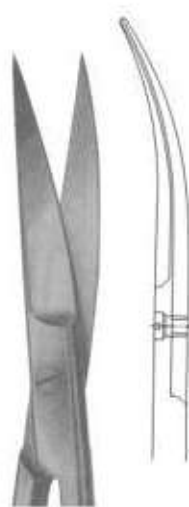
Delicate Scissors



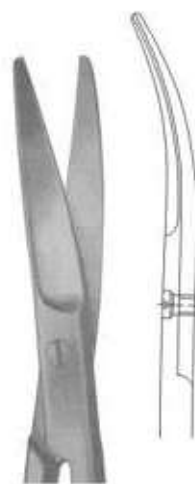
03-138 - 140
Size: 120 mm



03-138



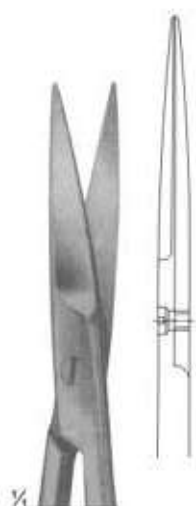
03-139



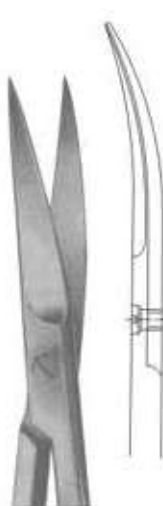
03-140



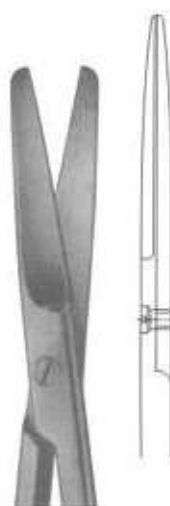
03-141 - 144
Size: 130 mm



03-141



03-142



03-143



03-144



am rays

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)

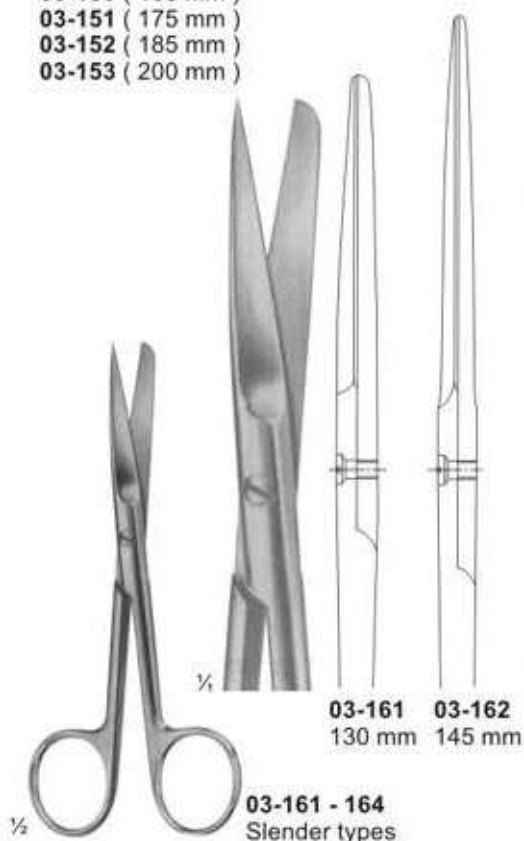
03-154 (115 mm)
03-155 (130 mm)
03-156 (145 mm)
03-157 (150 mm)
03-158 (165 mm)
03-159 (175 mm)
03-160 (185 mm)

03-154

Size: 115 mm

03-160

Size: 185 mm



03-161

130 mm

03-162

145 mm

03-163

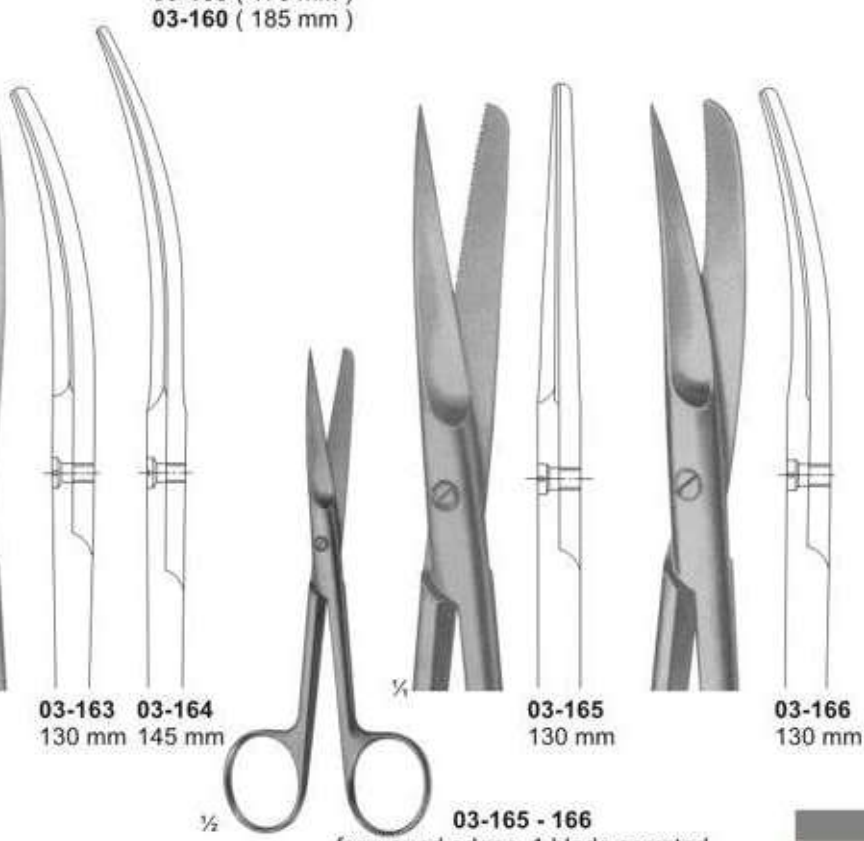
130 mm

03-164

145 mm

03-161 - 164

Slender types



03-165

130 mm

03-166

130 mm

03-165 - 166

for wound edges. 1 blade serrated

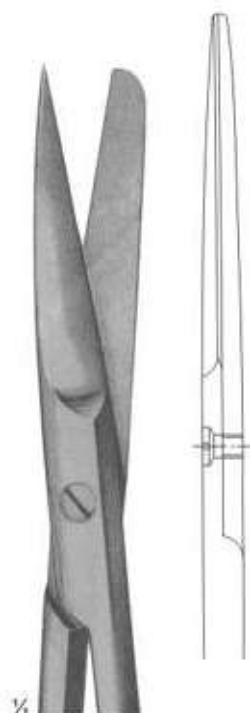


am rays

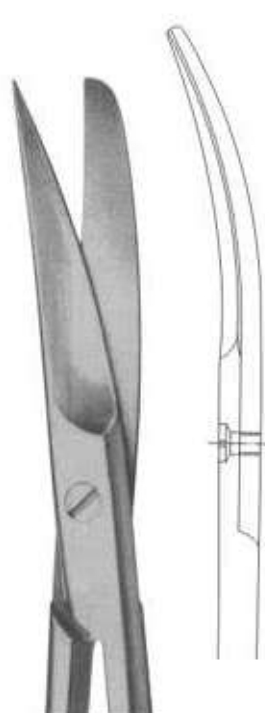
Surgical Scissors



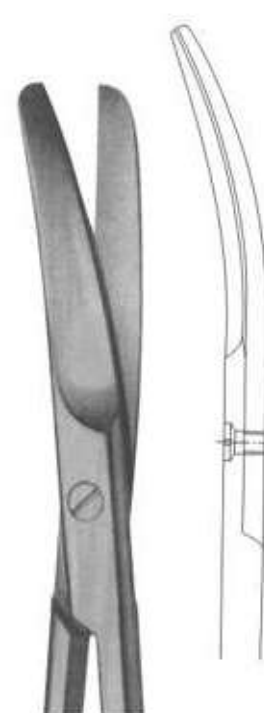
03-167 - 169
DEAVER
with flat lock



03-167
Size: 145 mm



03-168
Size: 145 mm



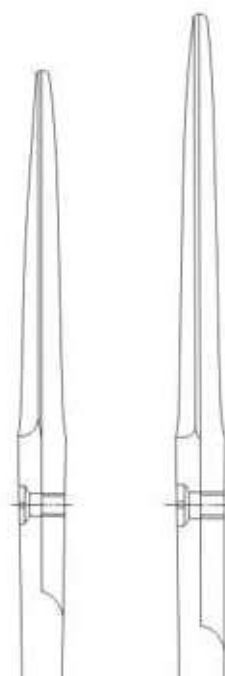
03-169
Size: 145 mm



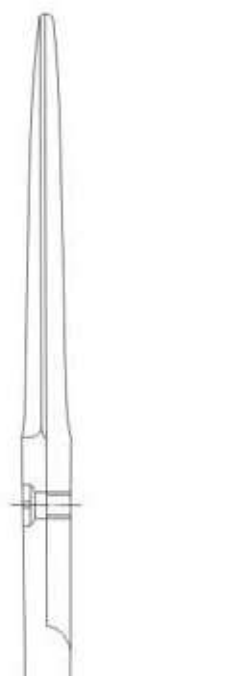
03-170 - 172
Incision scissors



03-170
Size: 130 mm



03-171
Size: 145 mm



03-172
Size: 165 mm



03-173
SYSTRUNK
Nail splitting scissors

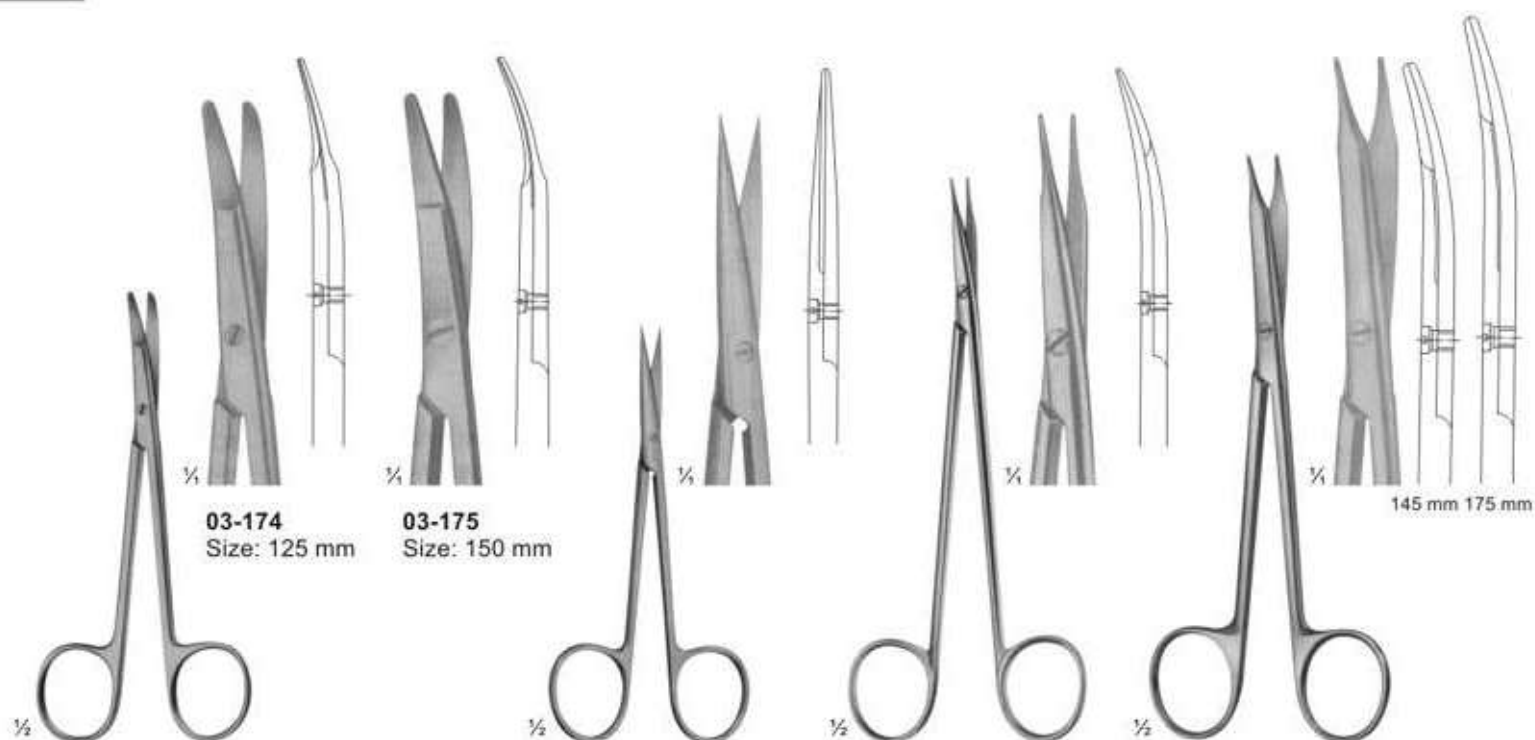


03-173
Size: 130 mm



am rays

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

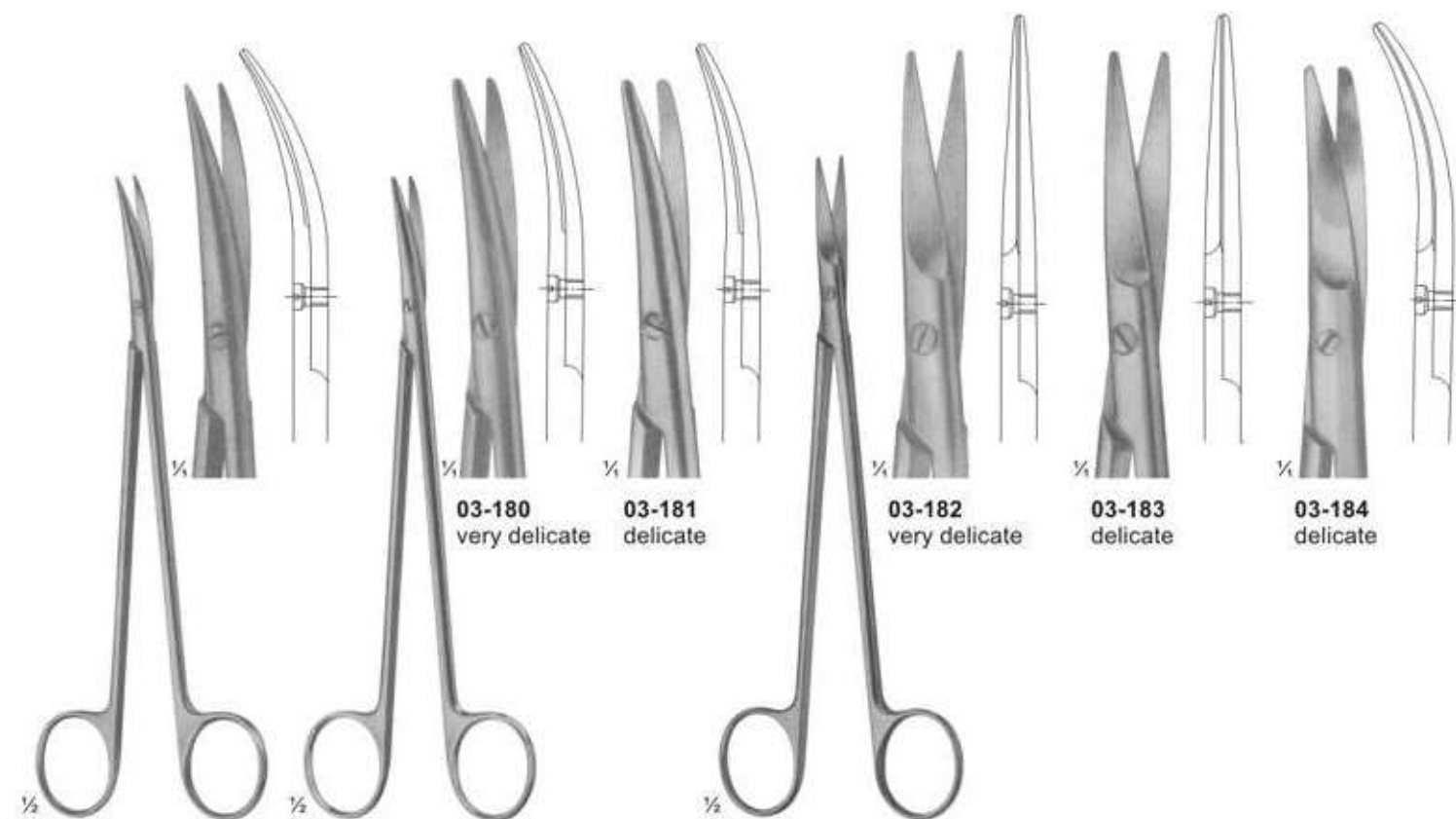
JAMESON

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

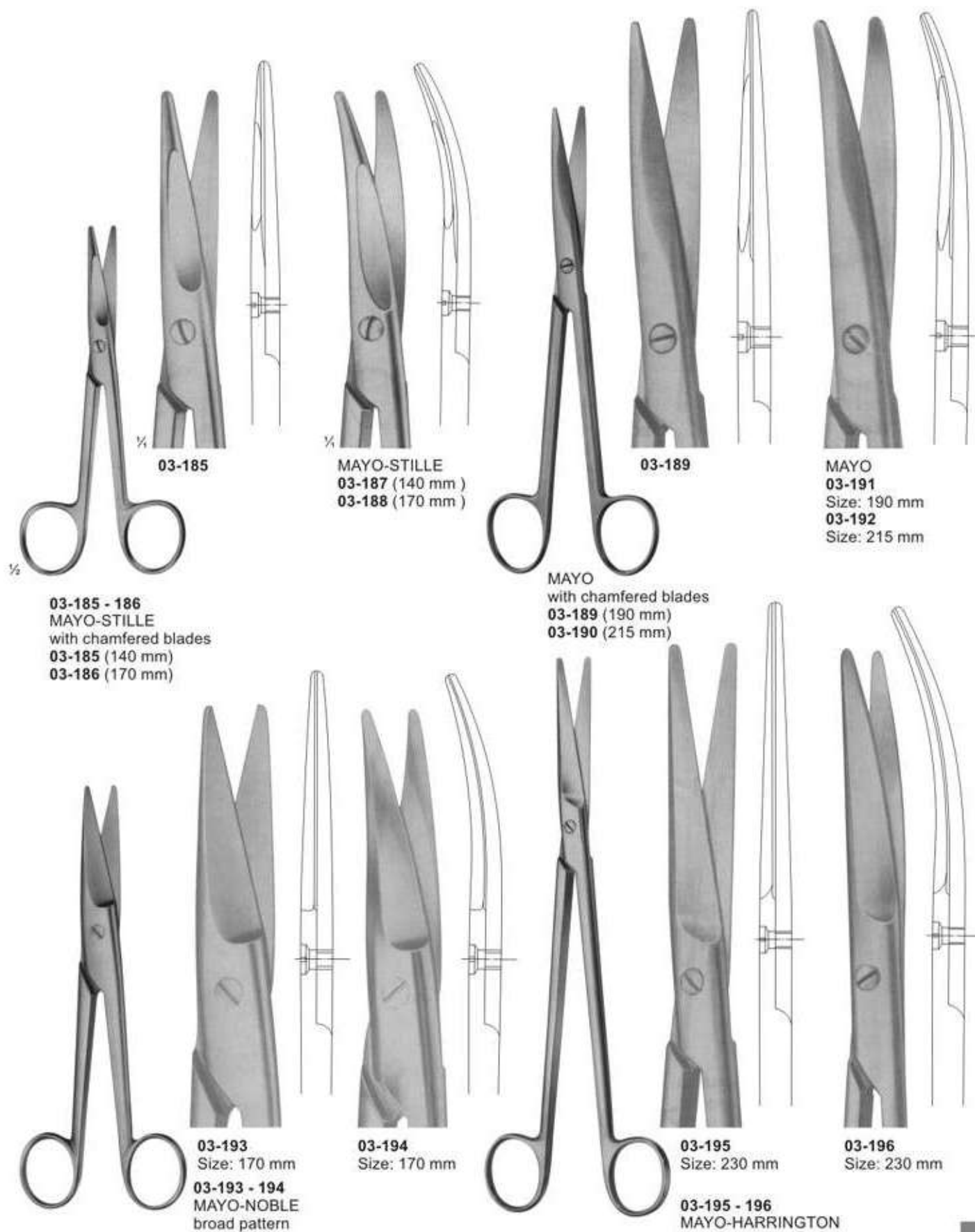
TOENNIS

Dissecting scissors
Size: 180 mm



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Dissecting Scissors





am rays

Scissors for Cardiovascular and Neuro-Surgery

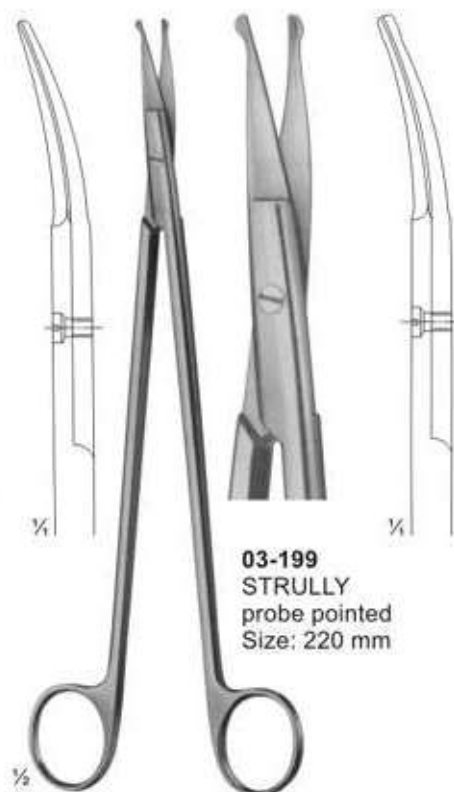


1/2

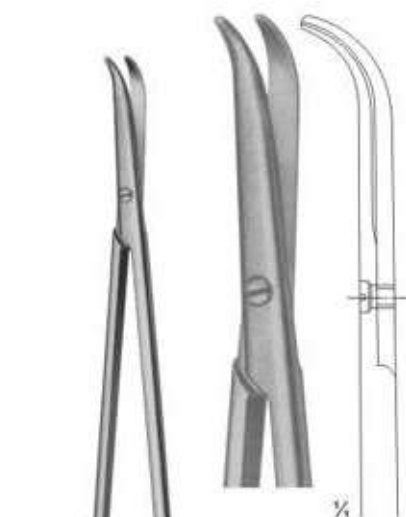
03-197
OLIVECRONA
Dura scissors



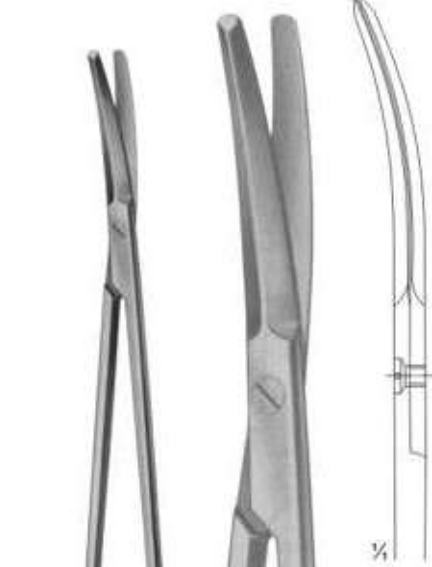
1/2
03-198
STRULLY
pointed
Size: 220 mm



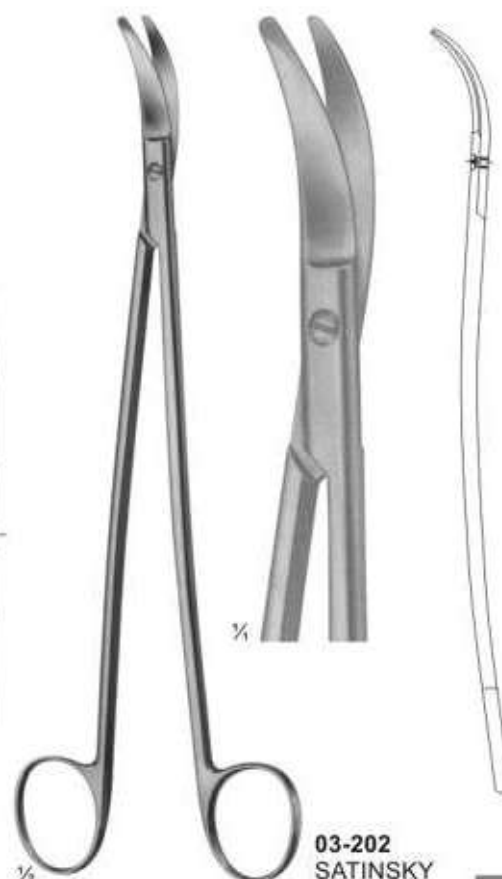
03-199
STRULLY
probe pointed
Size: 220 mm



1/2
03-200
THOREK
Size: 180 mm



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

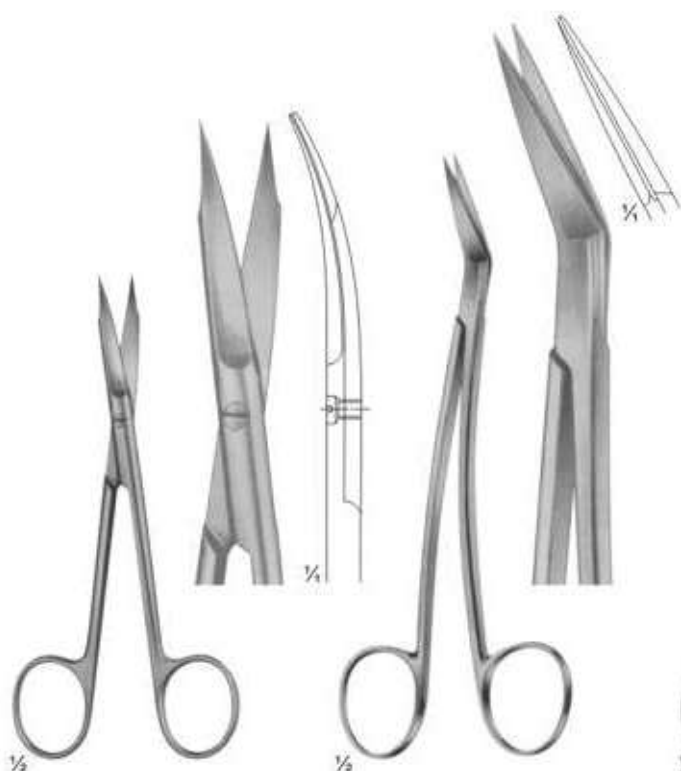


1/2
03-202
SATINSKY
Size: 245 mm



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Delicate, Nasal and Tonsil Scissors



03-203
1 finely toothed blade
Size: 130 mm

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



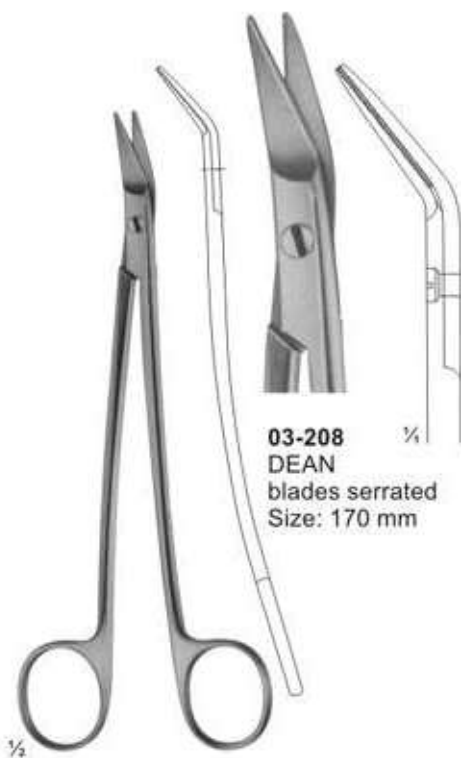
03-205
FOMON
blades serrated
Size: 145 mm

03-206
COTTLE
Size: 165 mm



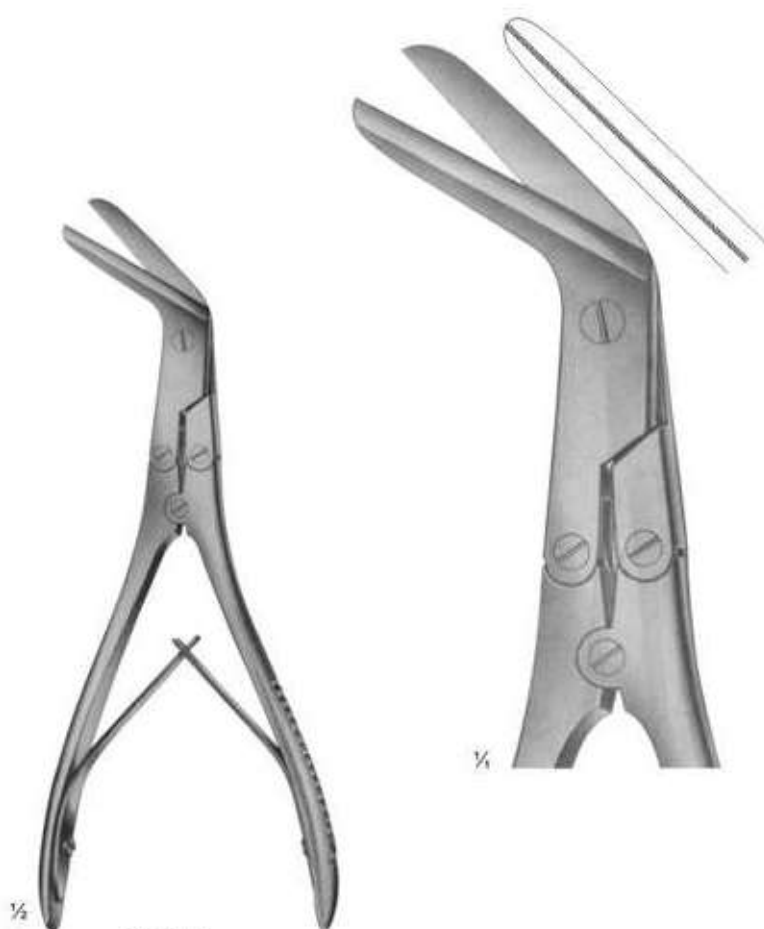
03-207
HEYMANN-KNIGHT
Size: 175 mm

03-208
DEAN
blades serrated
Size: 170 mm



03-209
GOOD
Size: 195 mm

Bone Shears



03-210
KILLIAN
Size: 200 mm



03-211 - 03-212



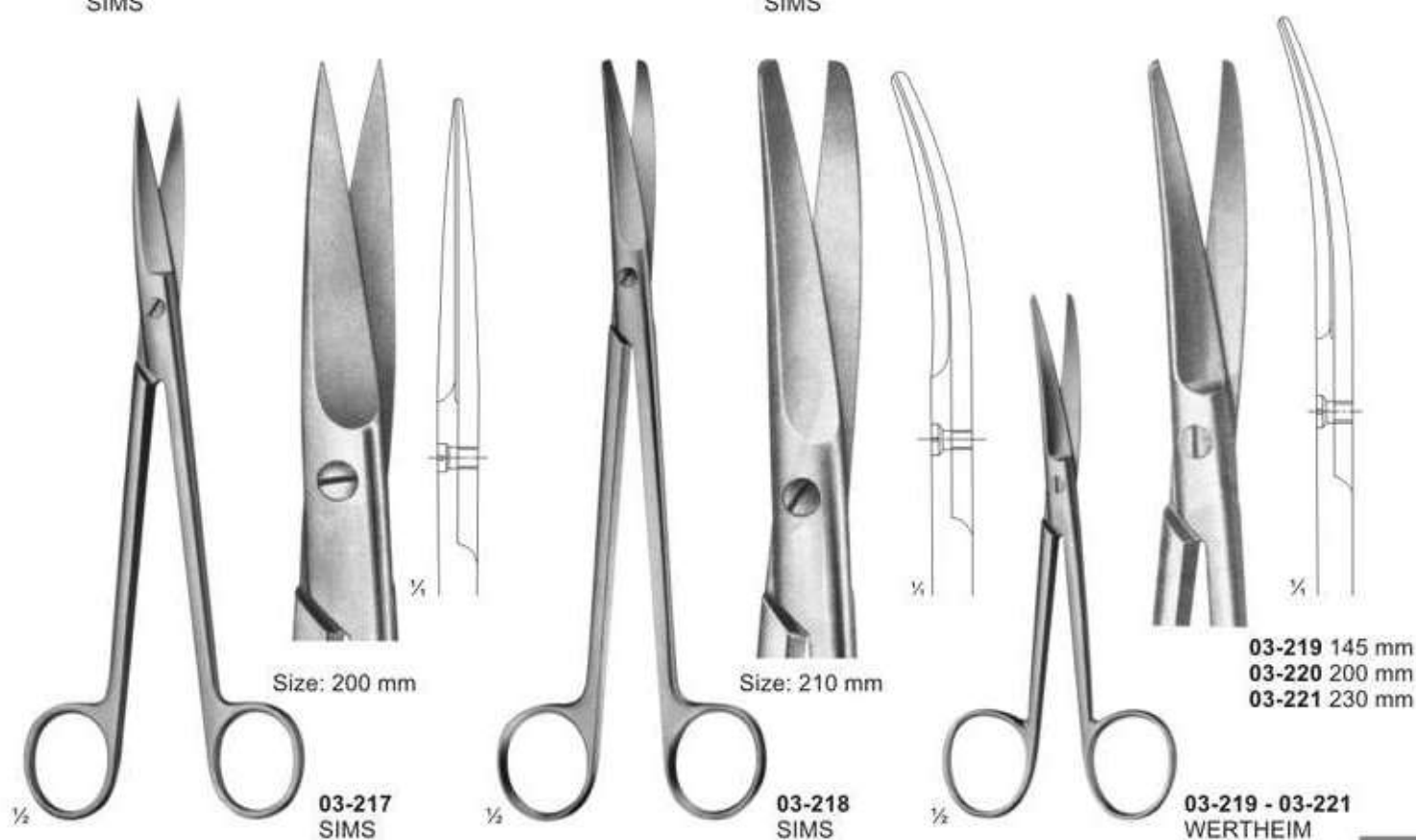
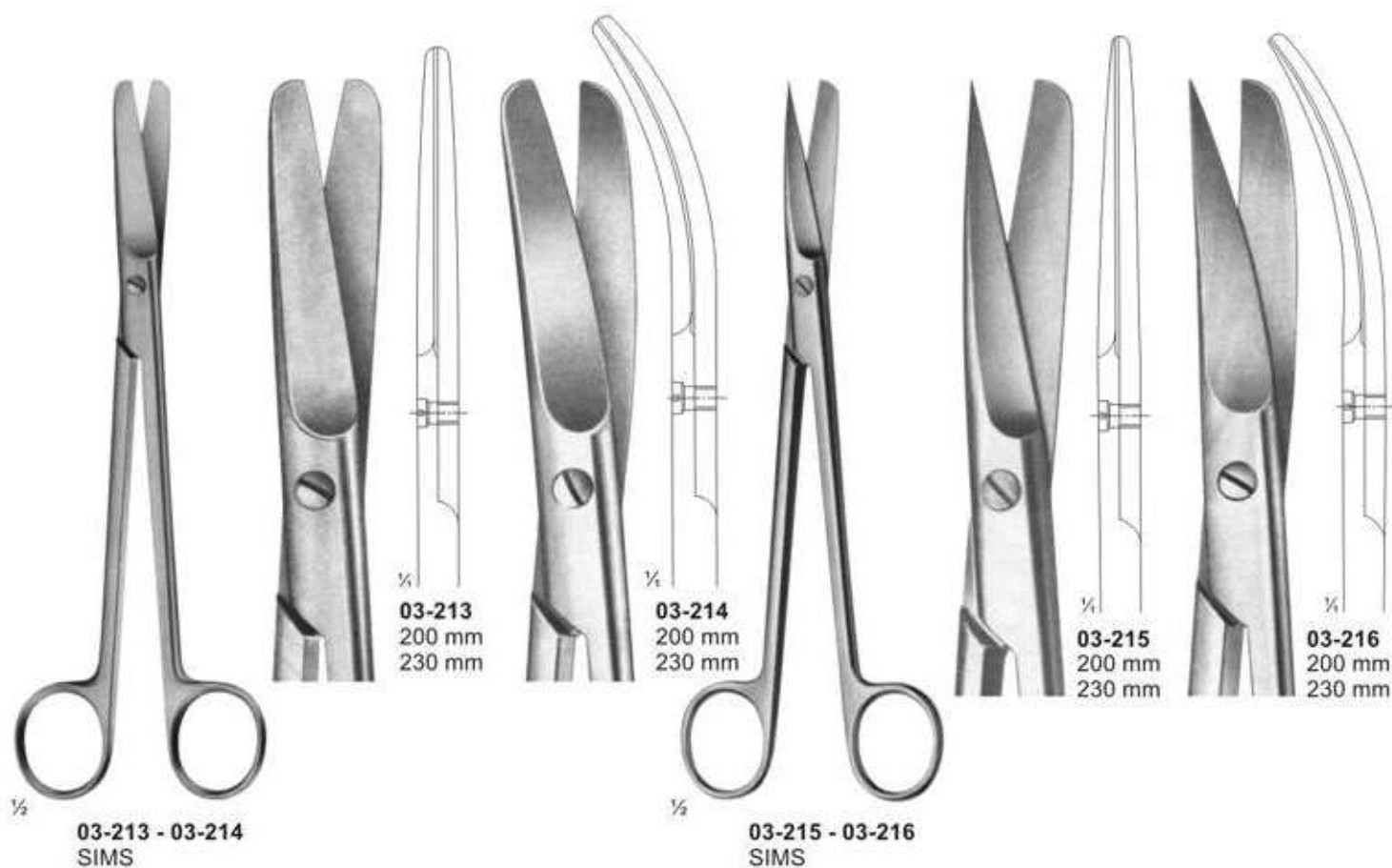
03-211
195 mm



03-212
225 mm



Scissors for deep operations and for Gynaecology





am rays

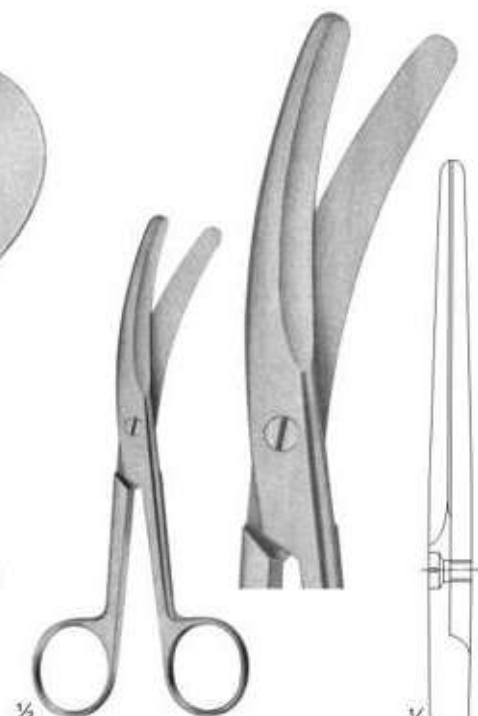
Scissors for Obstetrics



03-222
SCHUMACHER
Umbilical cord scissors
Size: 155 mm

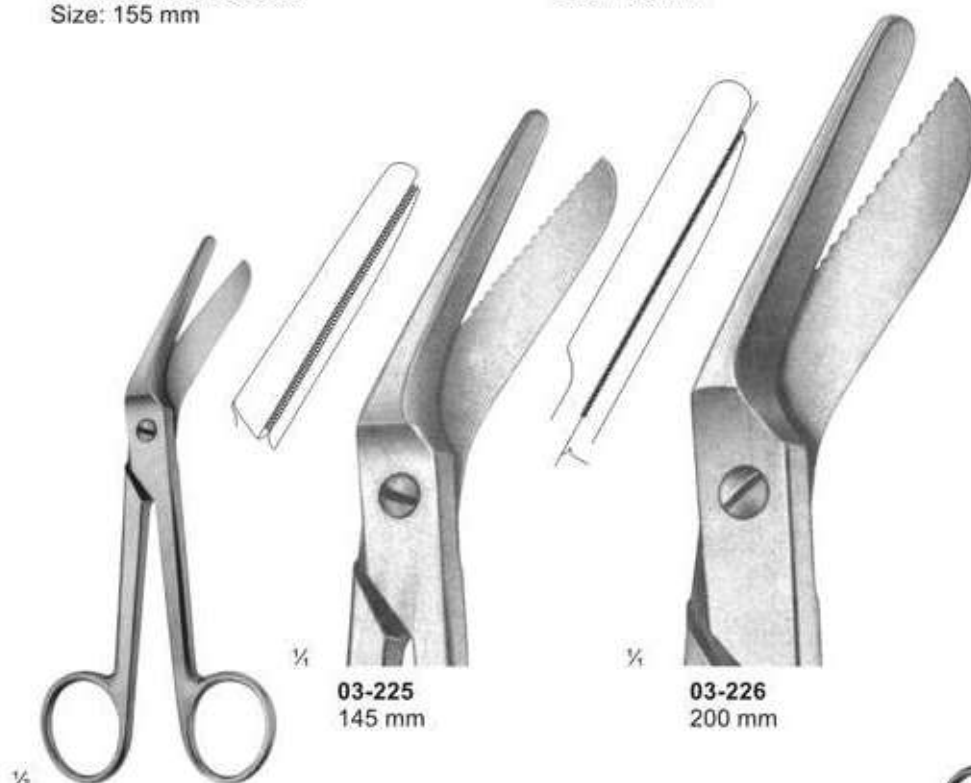


03-223
Umbilical cord scissors
Size: 105 mm



03-224
Umbilical cord scissors

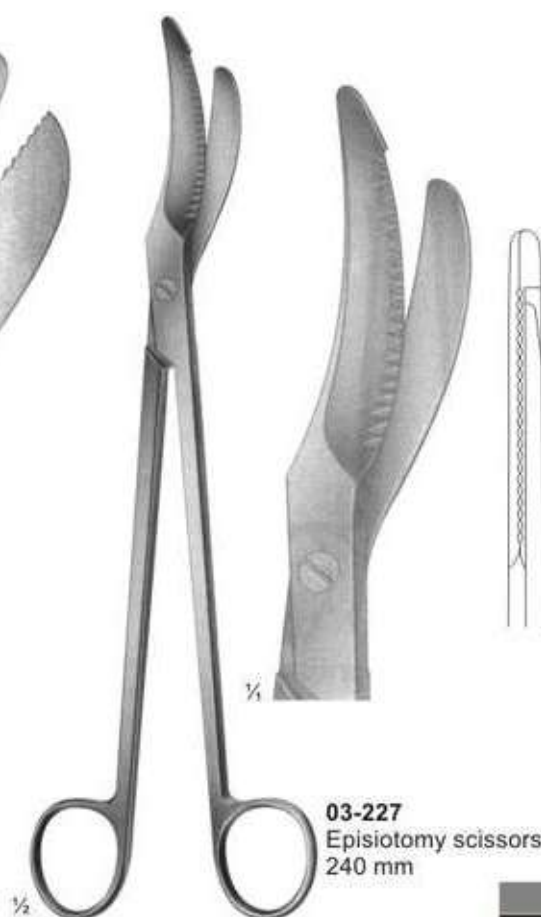
135 mm



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

03-225
145 mm

03-226
200 mm



03-227
Episiotomy scissors
240 mm

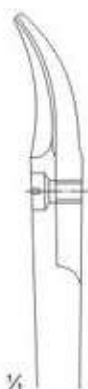
Wire and Plate Scissors



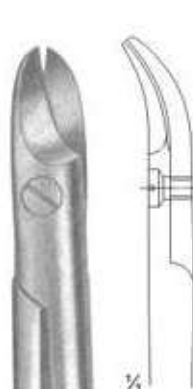
03-228 - 03-232
BEEBE
Size: 110 mm



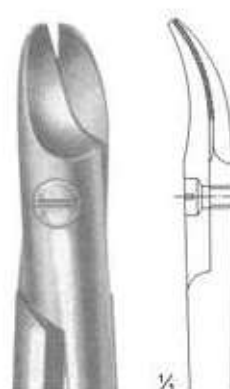
03-228



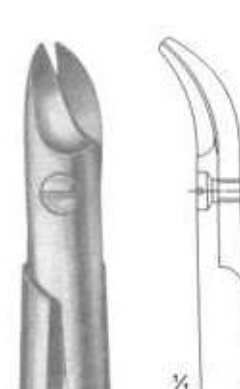
03-229



03-230
broad blades



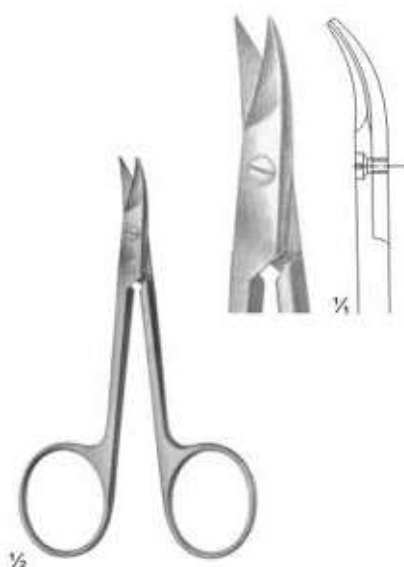
03-231
1 blade serrated



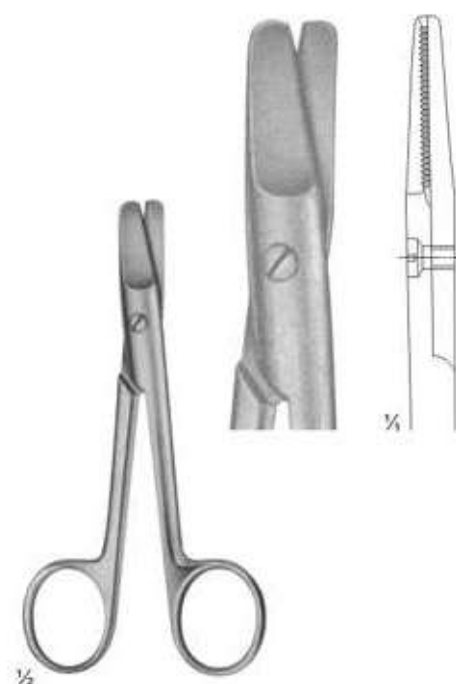
03-232
NAUJOKS
strongly curved



03-233
1 blade serrated
Size: 120 mm



03-234
STRACK
Size: 100 mm



03-235
HARVEY
blades serrated
Size: 125 mm



am rays

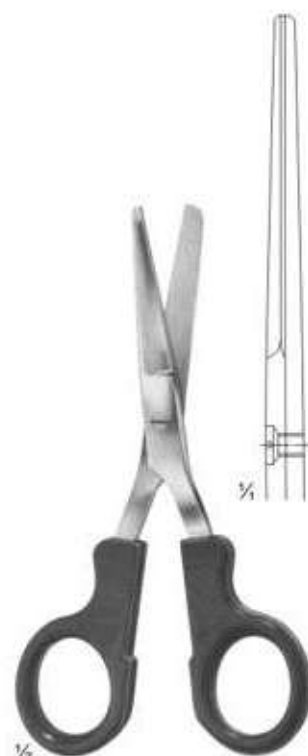
Bandage and Cloth Scissors



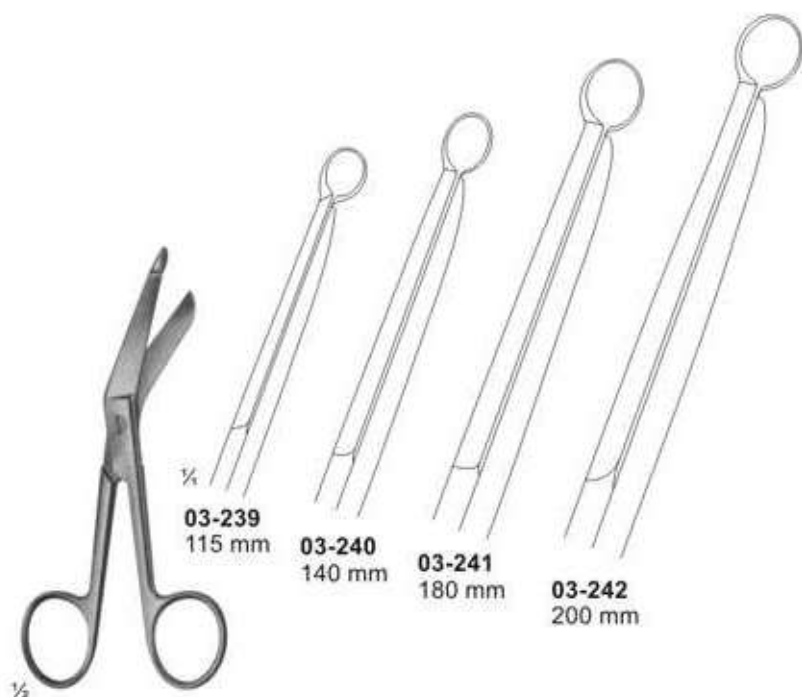
03-236
Universal bandage and cloth scissors,
with toothed edges
180 mm



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



03-243 - 03-244
LISTER

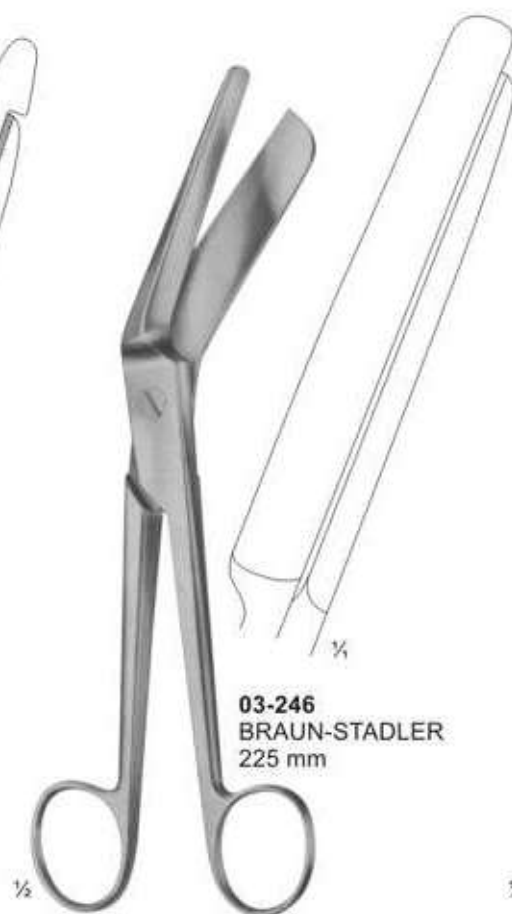


am rays

Bandage-, Cloth-, and Plaster Scissors



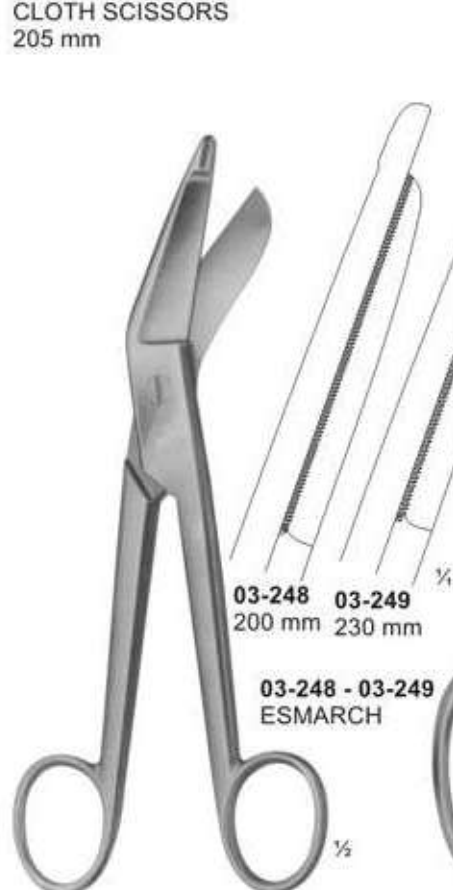
03-245
CLOTH SCISSORS
205 mm



03-246
BRAUN-STADLER
225 mm

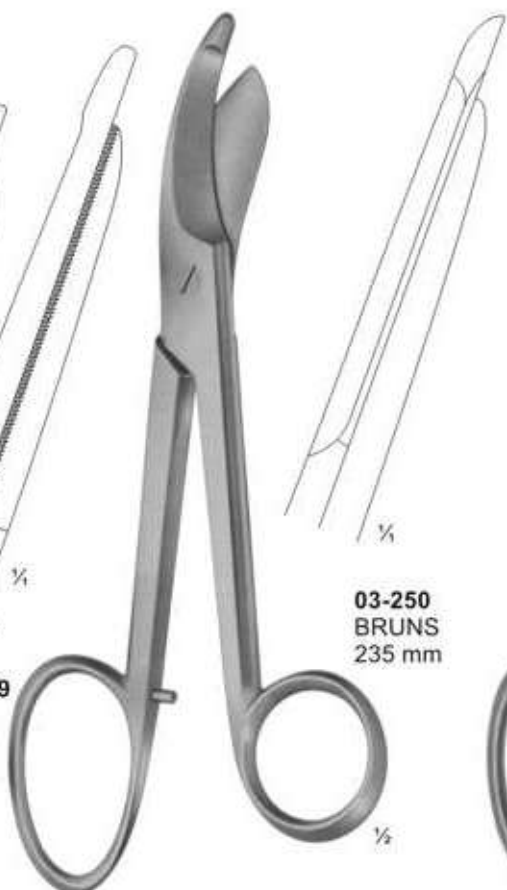


03-247
SEUTIN
230 mm

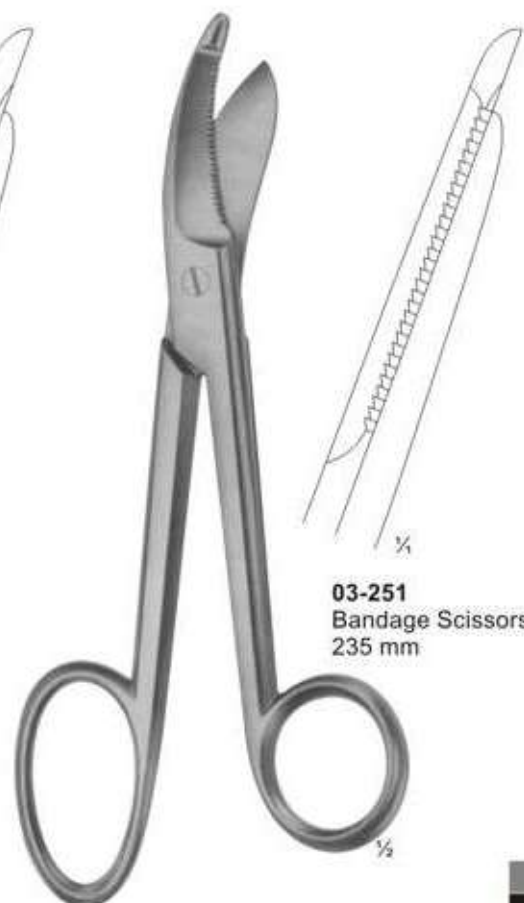


03-248 **03-249**
200 mm 230 mm

03-248 - 03-249
ESMARCH



03-250
BRUNS
235 mm

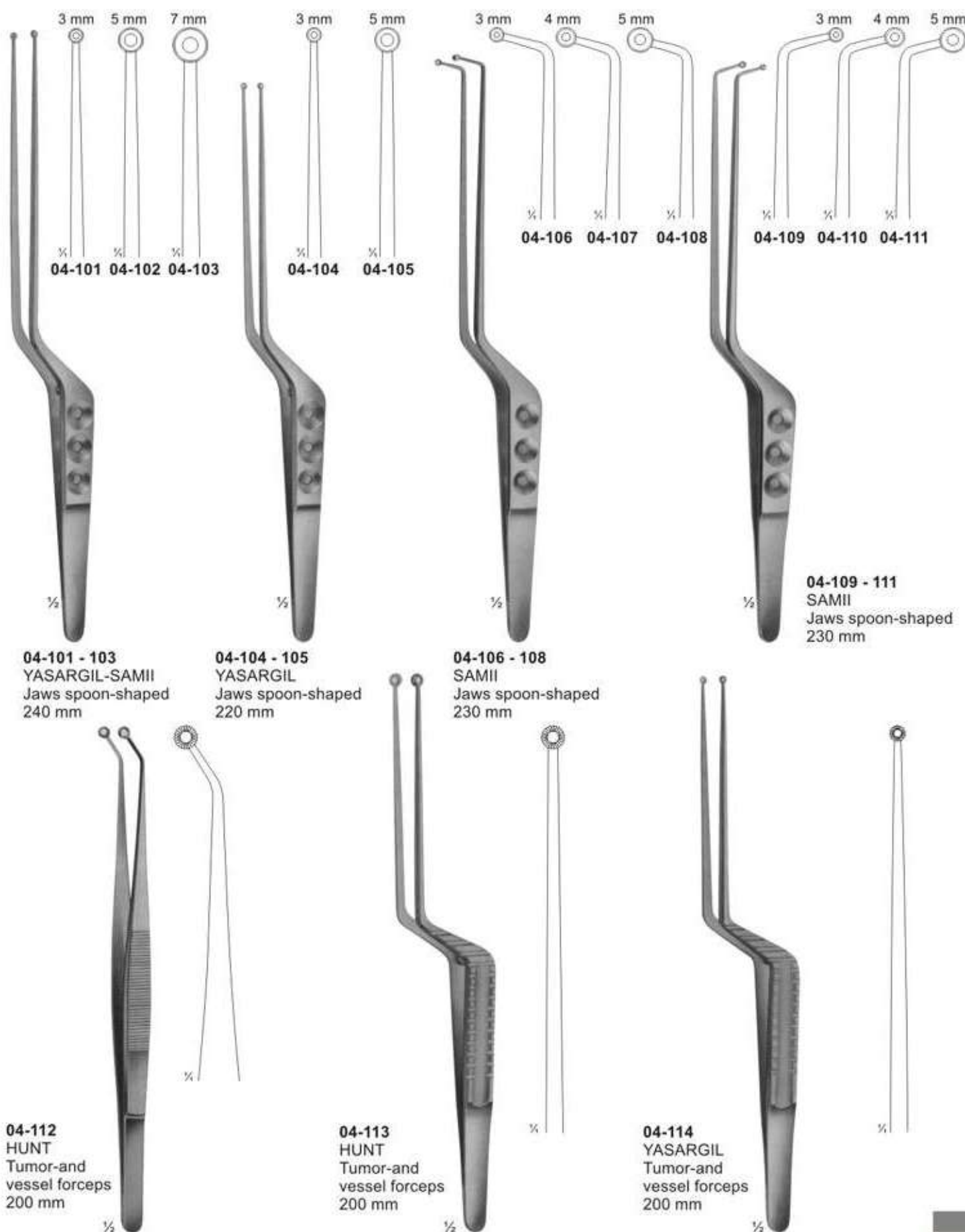


03-251
Bandage Scissors
235 mm



am rays

Forceps for grasping tissue, tumors etc.



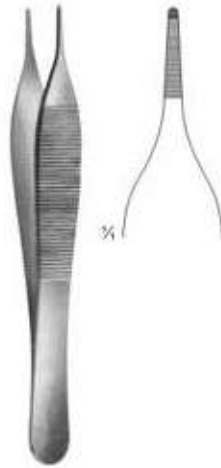
Delicate Dissecting, Microscopic, Sterilizing Forceps



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



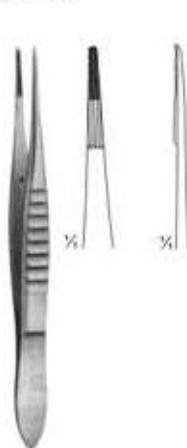
04-119



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



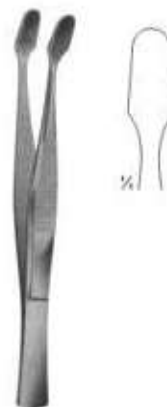
04-134
100 mm



04-135
100 mm



04-136
100 mm



04-137
KUHNE
Cover glass forceps, 105 mm

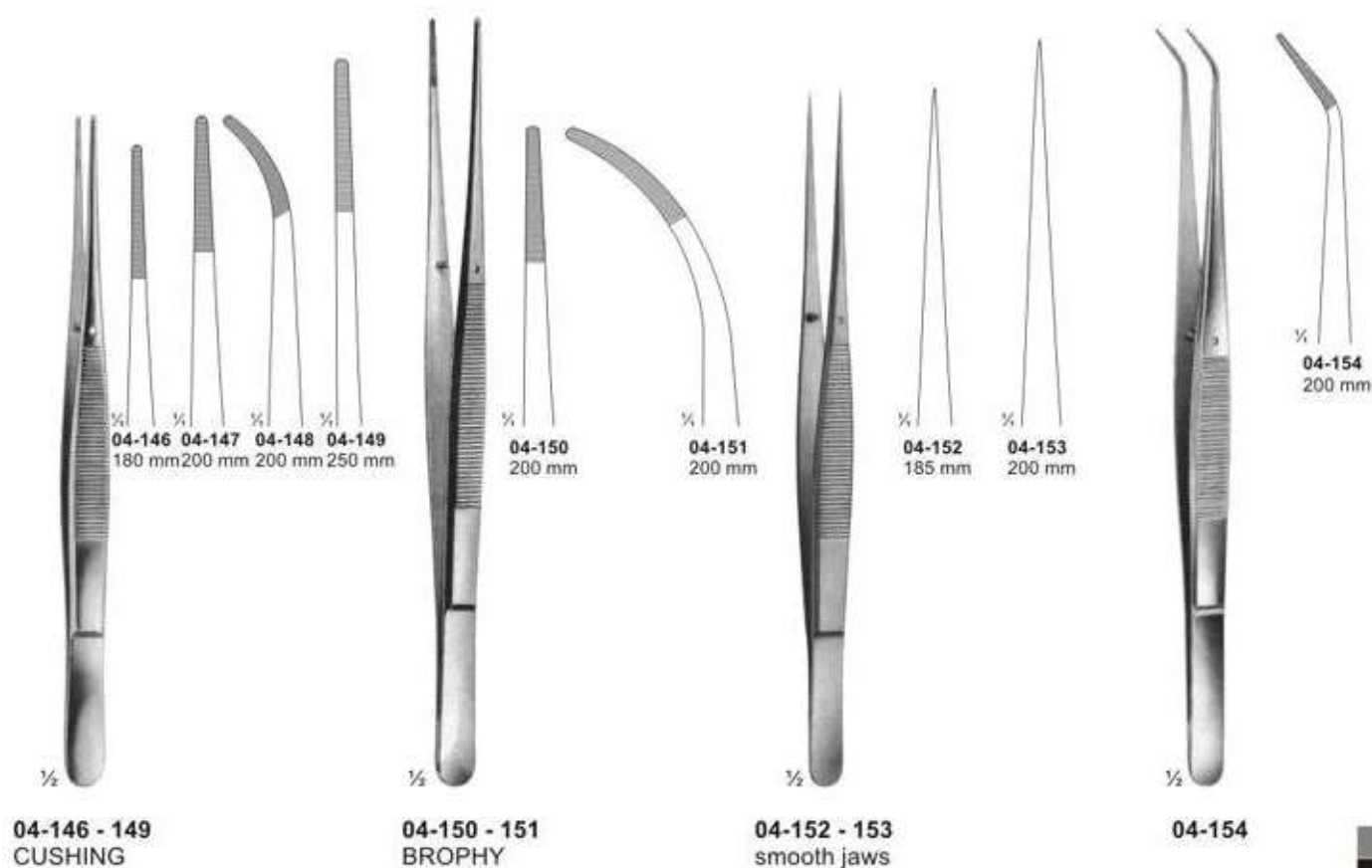
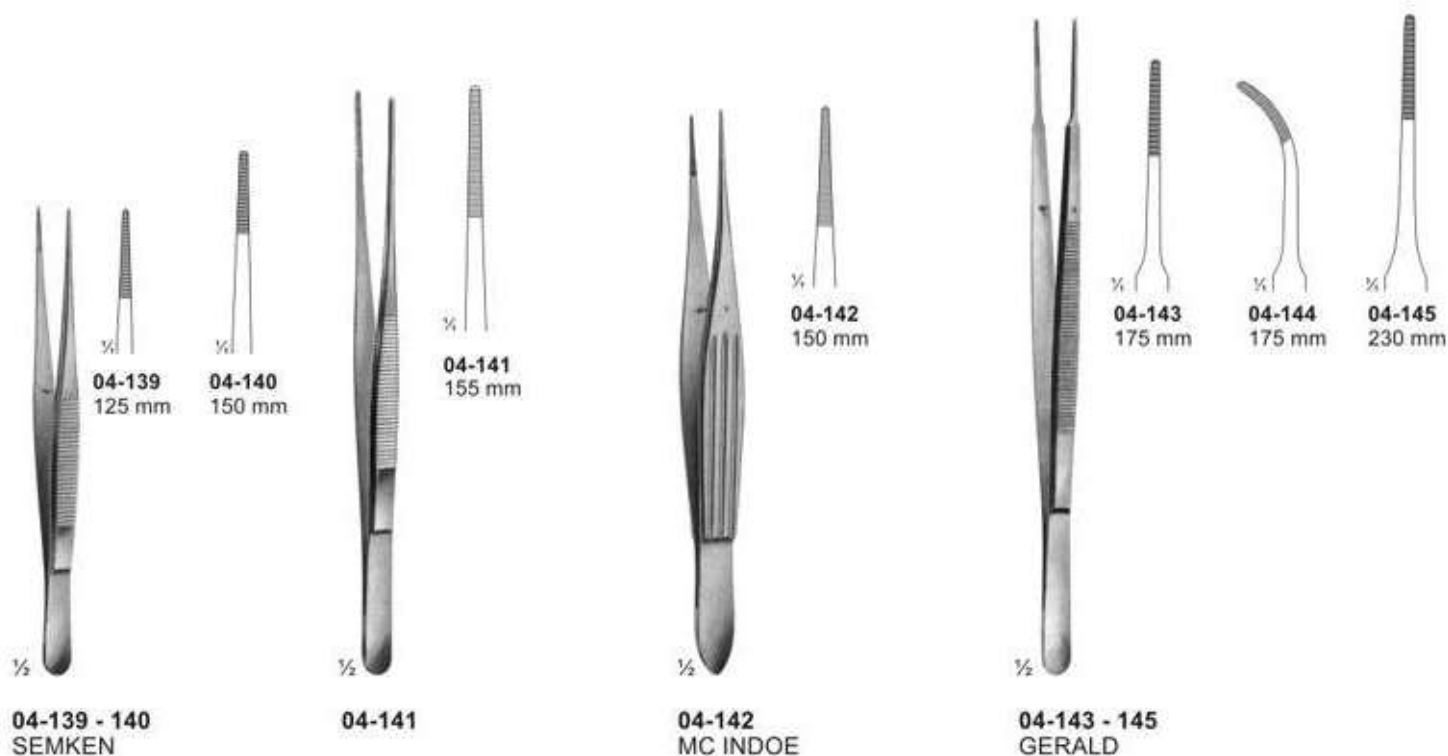


04-138
160 mm



am rays

Delicate Dissecting Forceps



Dissecting Forceps



1/2



04-155
115 mm



04-156
130 mm



04-157
145 mm



04-158
160 mm



04-159
180 mm



04-160
200 mm



04-161
250 mm



04-162
300 mm

04-155 - 04-162
STANDARD



1/2



04-163
115 mm



04-164
130 mm



04-165
145 mm



04-166
160 mm



04-167
305 mm

04-163 - 04-167
MEDIUM



1/2



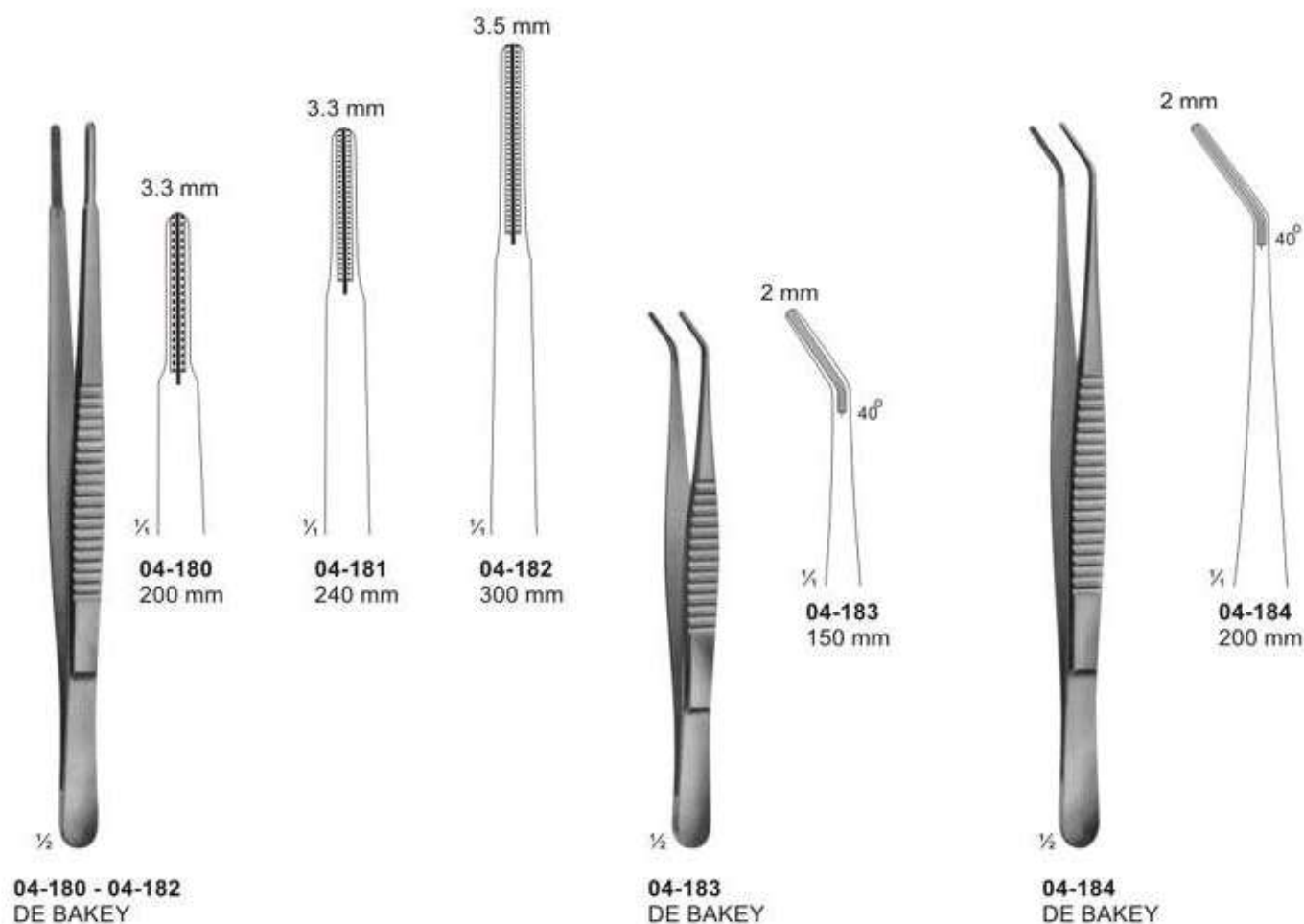
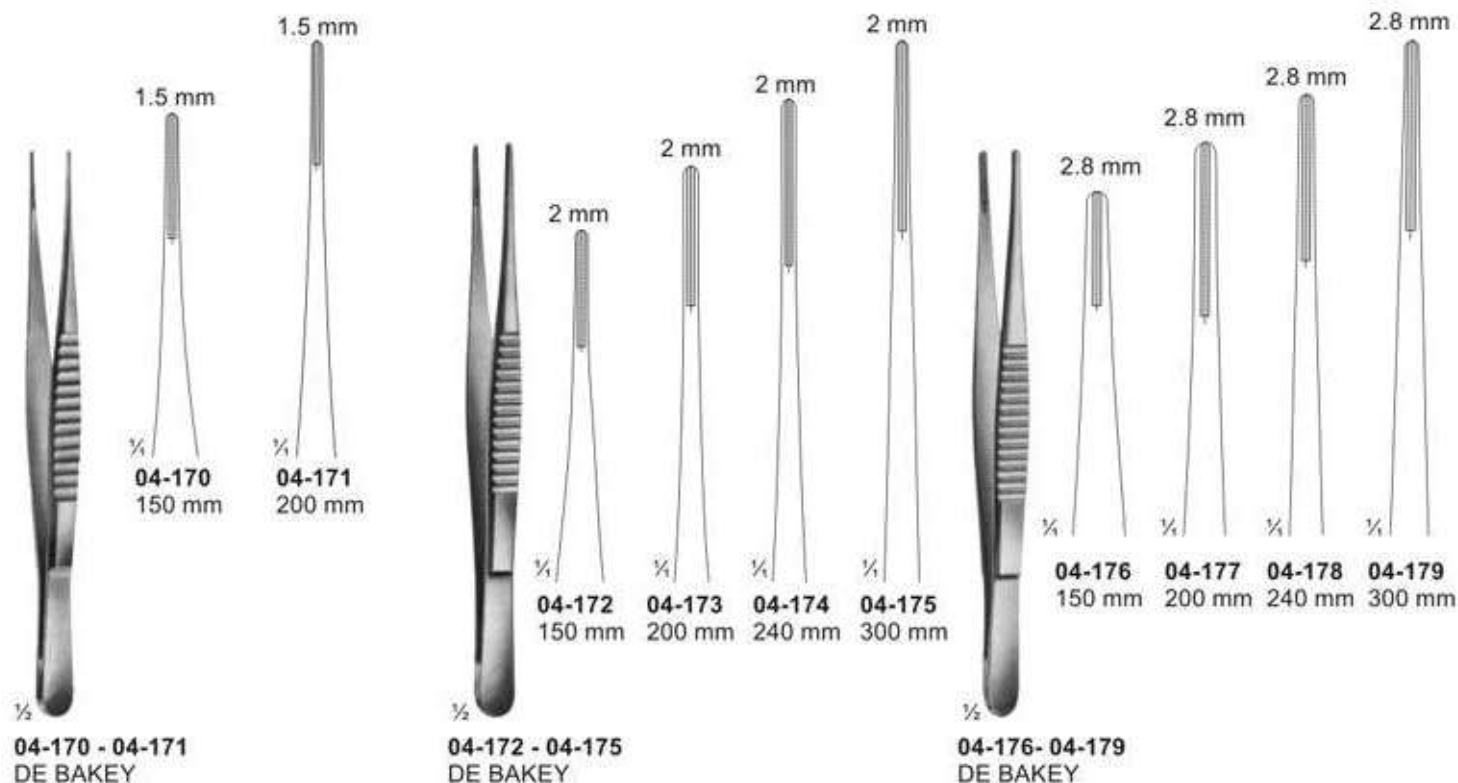
04-168
130 mm



04-169
145 mm

04-168 - 04-169
MEDIUM

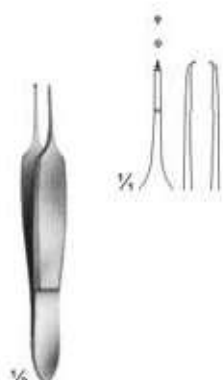
Forceps



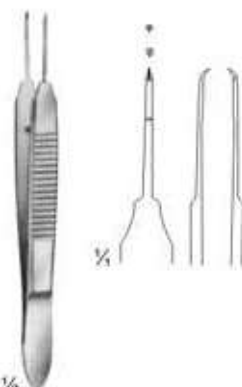
Delicate Tissue Forceps



04-185
BISHOP-HARMON
85 mm



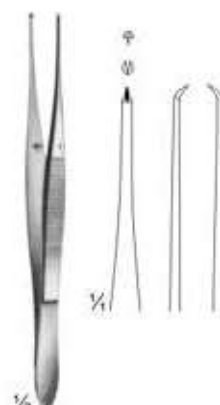
04-186
ST. MARTIN
80 mm



04-187
CASTROVIEJO
teeth 0.9 mm
100 mm



04-188
CASTROVIEJO
teeth 0.5 mm
100 mm



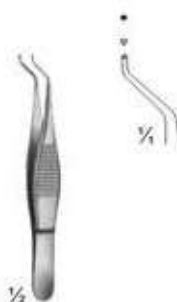
04-189
ELSCHING
110 mm



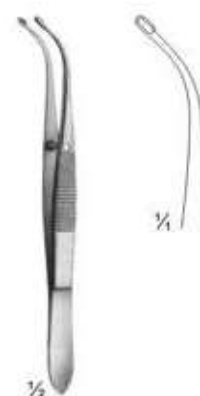
04-190
GILL
75 mm



04-191
GILL - HESS
75 mm



04-192
HESS
70 mm



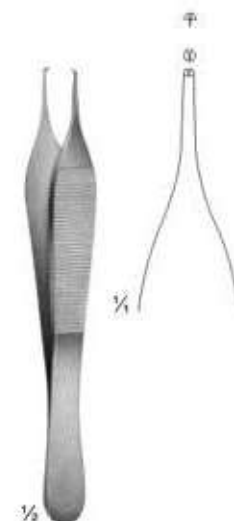
04-193
ARRUGA
100 mm



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

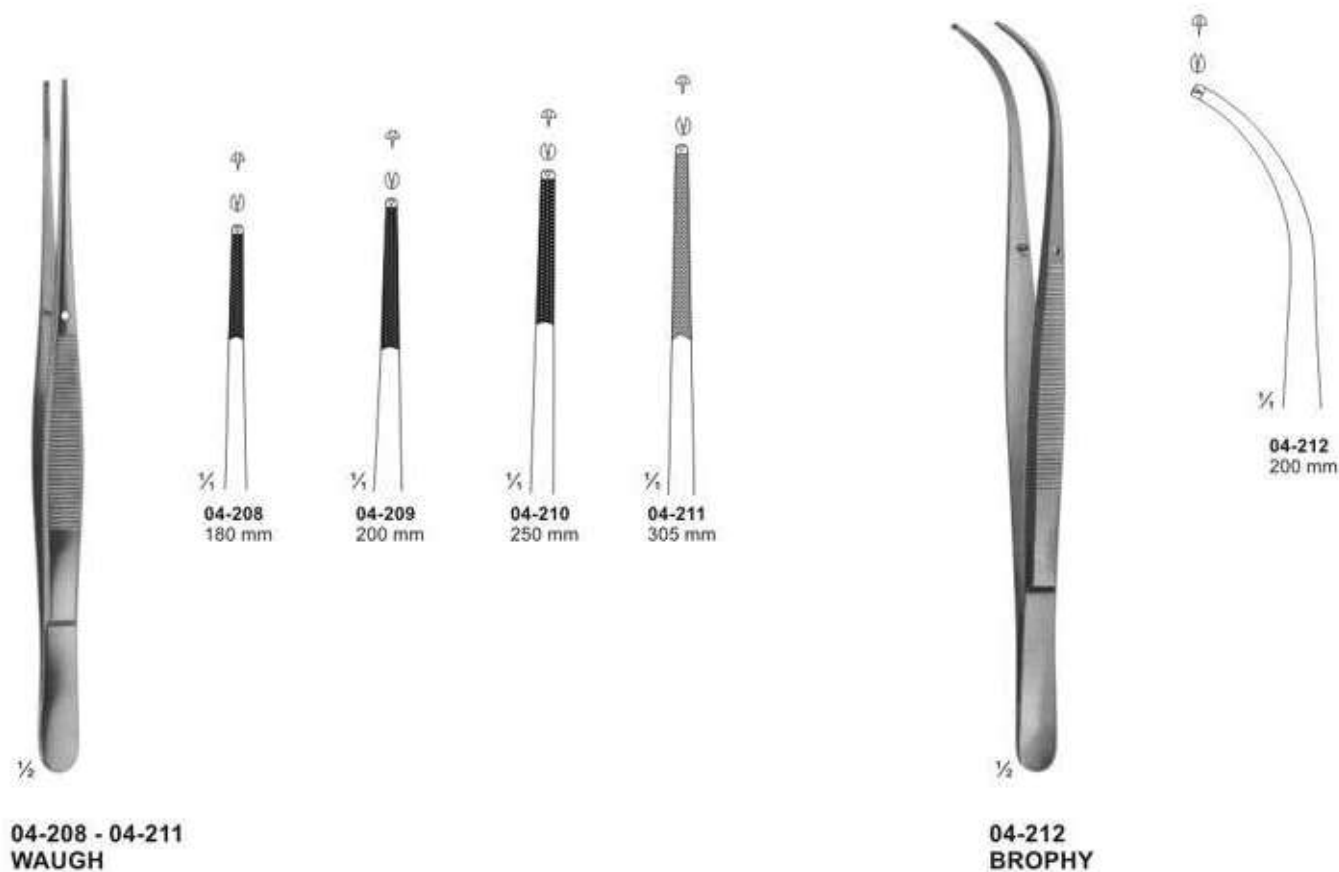
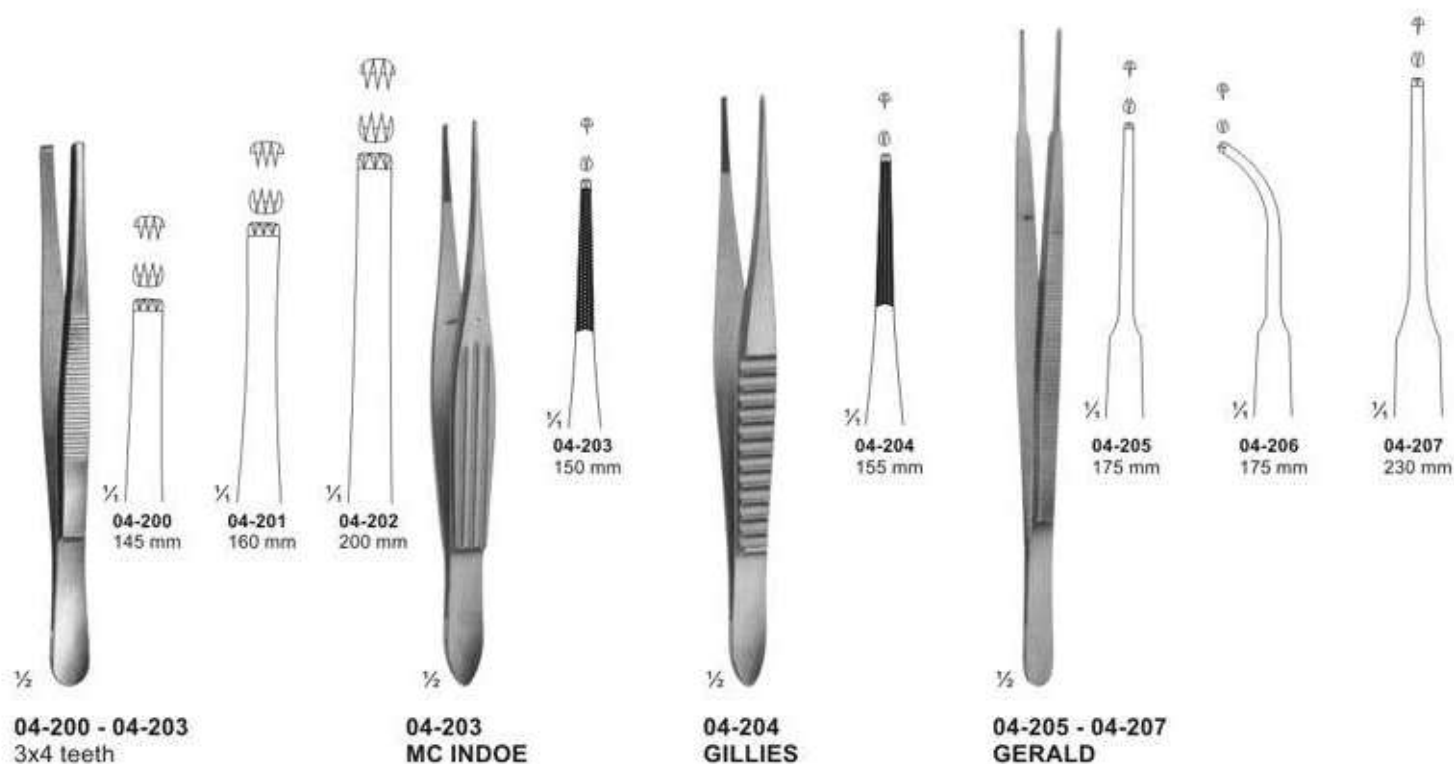


04-198
ADSON
120 mm



04-199
ADSON
150 mm

Tissue Forceps



Tissue Forceps



04-213
ADSON - BROWN
 Non-traumatic
 120 mm



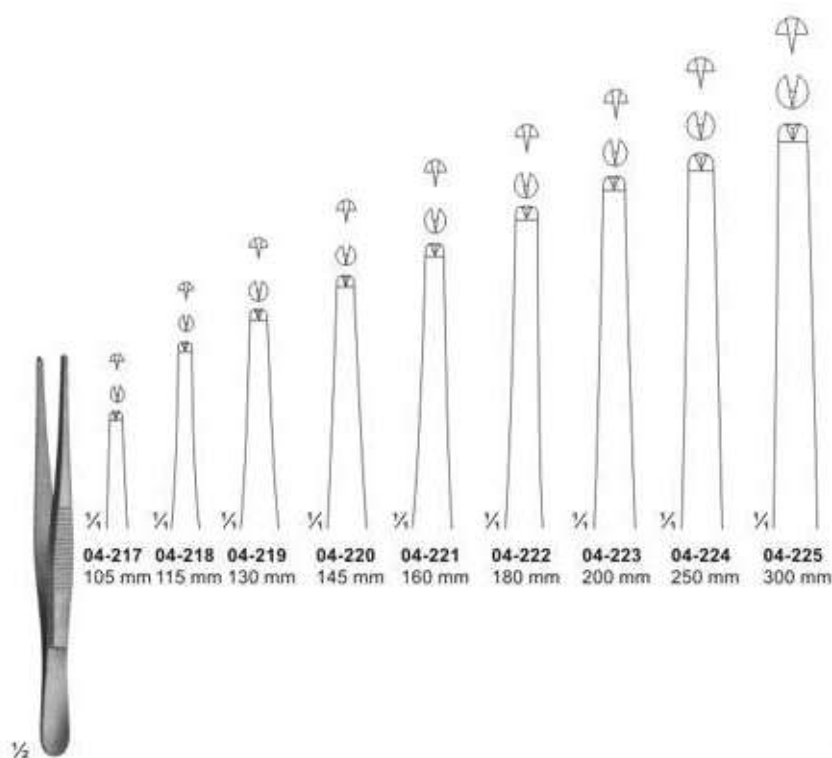
04-214
BROWN
 120 mm



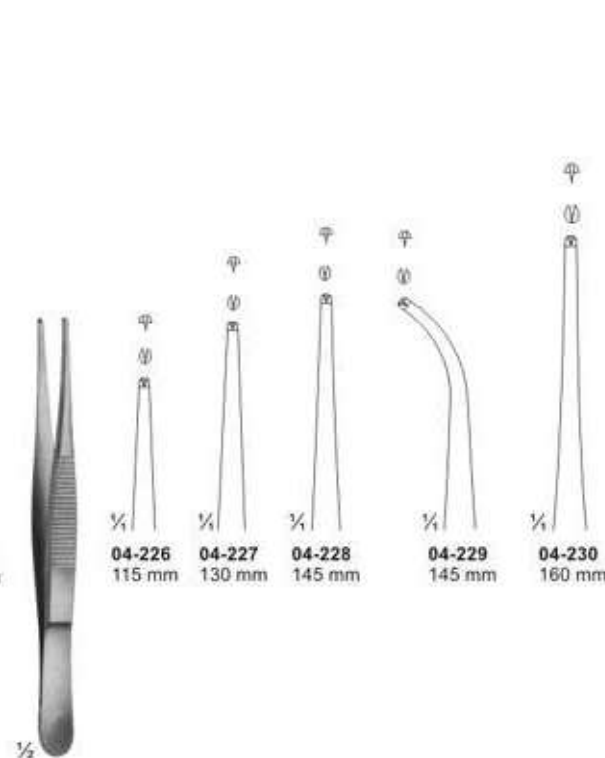
04-215
GRAEFE
 110 mm



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



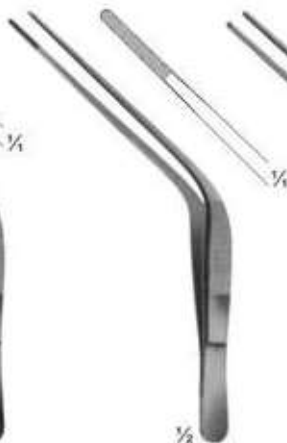
04-235
GRUENWALD
200 mm



04-236
1x2 teeth
200 mm



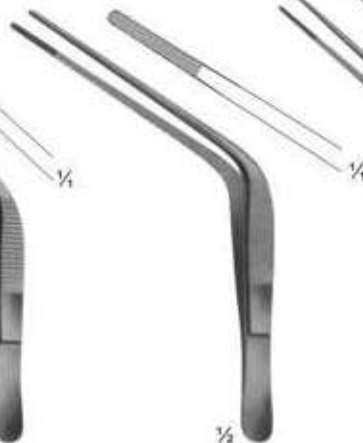
04-237
TROELTSCH
100 mm



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

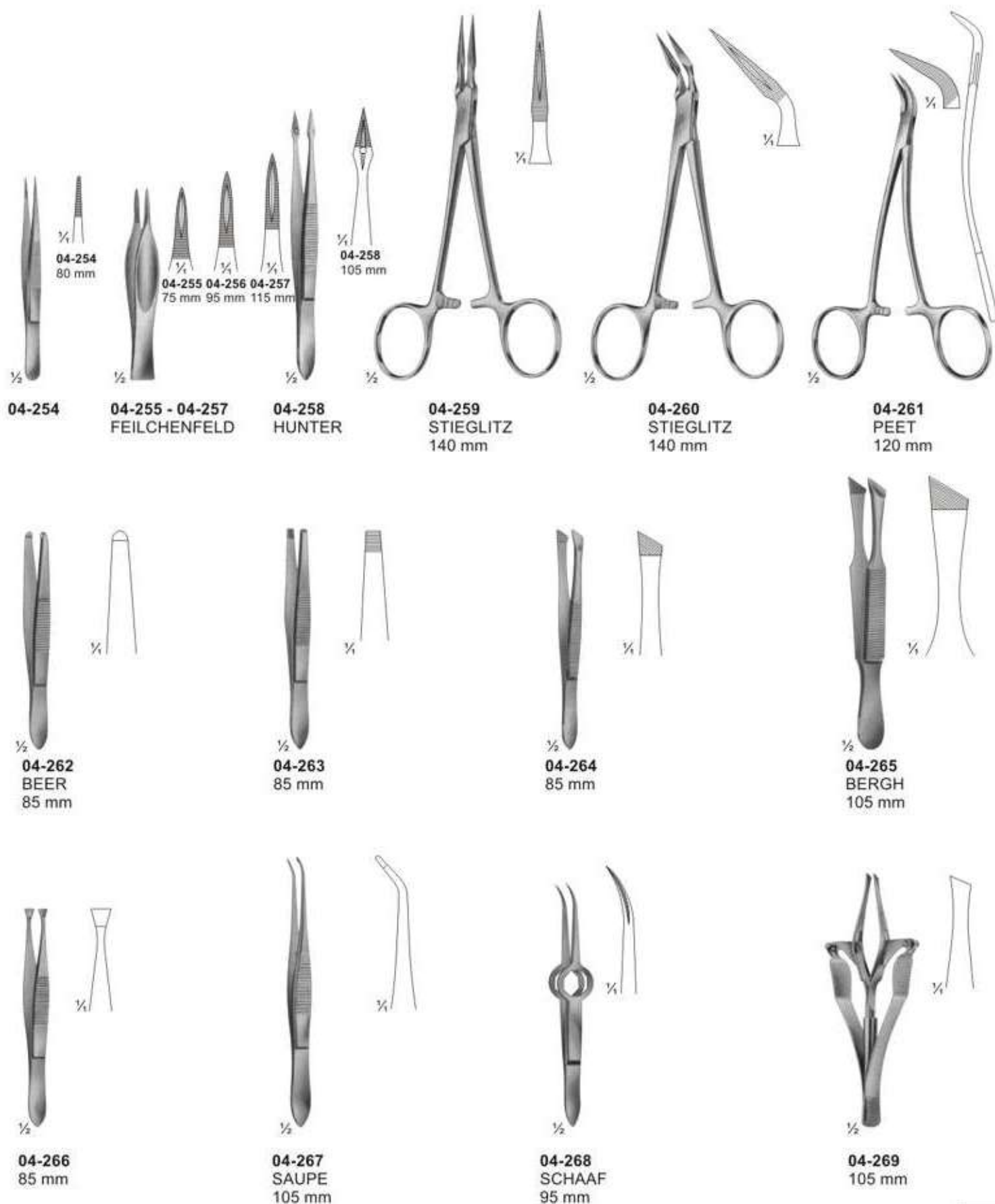


am rays

Tissue Forceps, Lung Dissecting Forceps



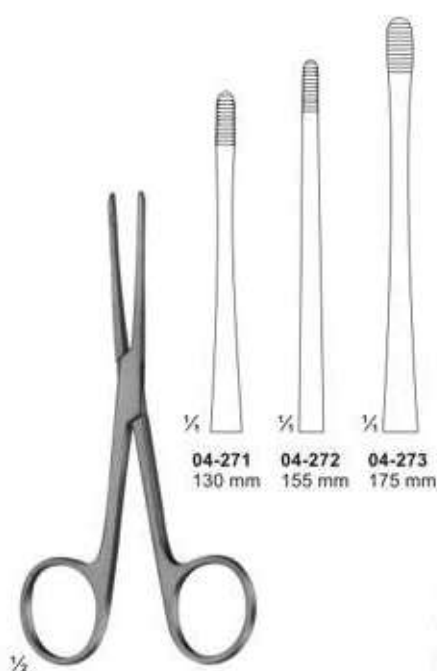
Splinter and Cilia Forceps



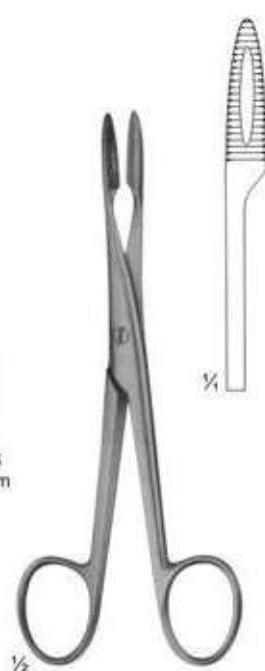
Sponge and Dressing Forceps



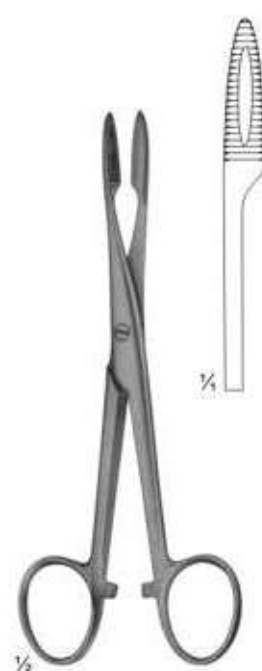
04-270
BRYANT
130 mm



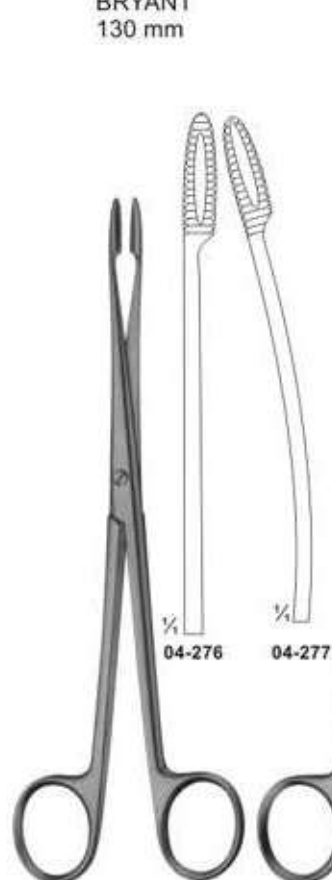
04-271 - 04-273
LISTER
Sinus forceps



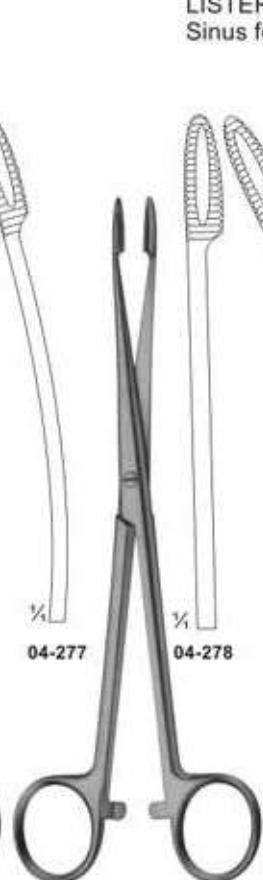
04-274
without ratchet
145 mm



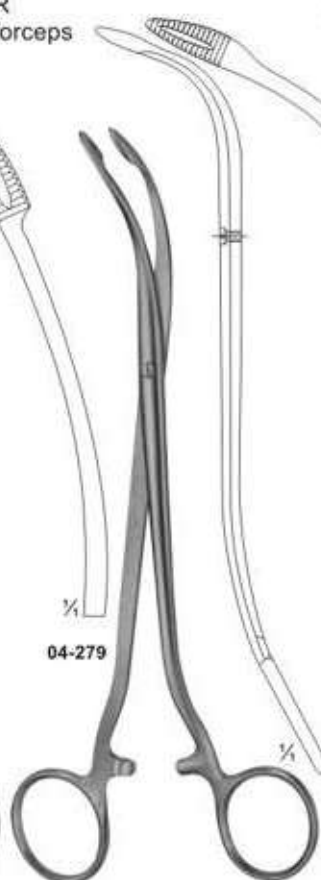
04-275
with ratchet
145 mm



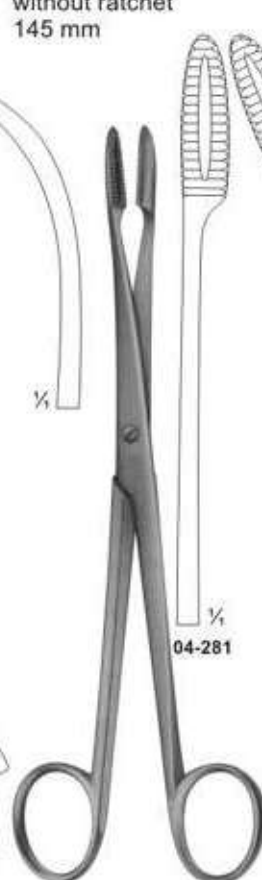
04-276 - 04-277
GROSS
without ratchet
180 mm



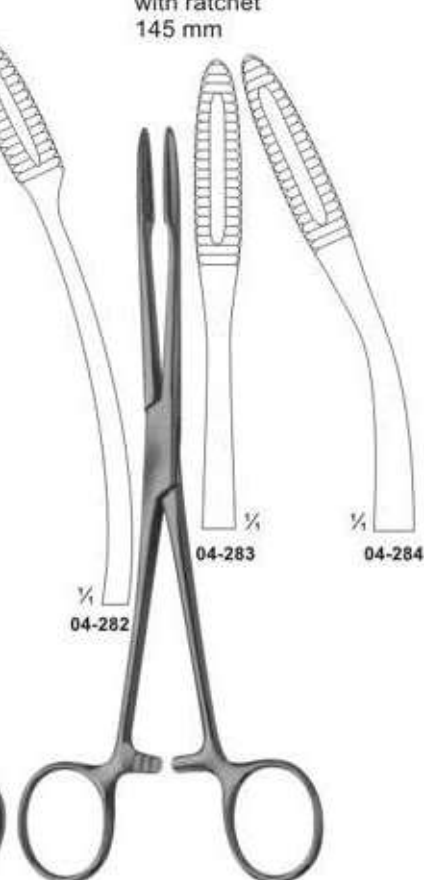
04-278 - 04-279
GROSS
with ratchet
180 mm



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



1/2
04-285
195 mm

1/2
04-286
230 mm



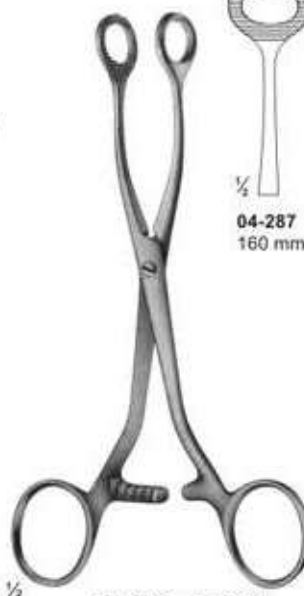
04-285 - 04-286
COLLIN



1/2
04-287
160 mm

1/2
04-288
160 mm

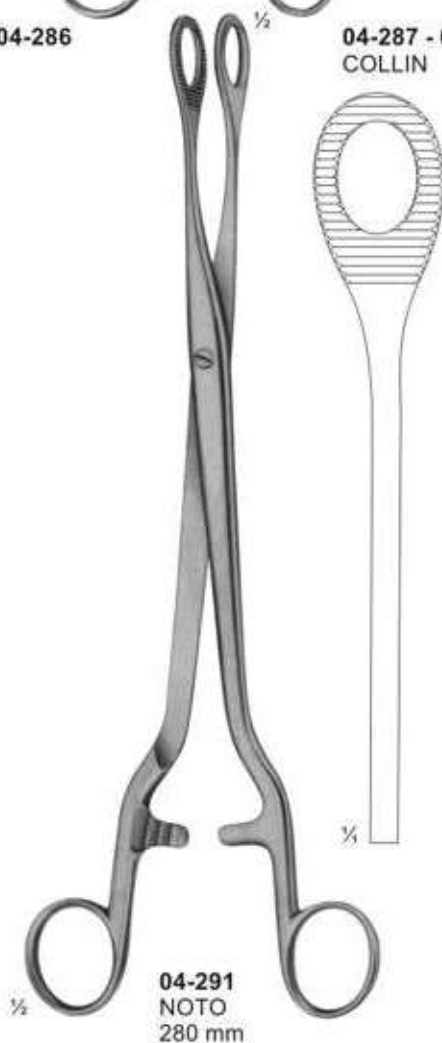
1/2
04-289
170 mm



04-287 - 04-289
COLLIN



04-290
HEYWOOD-
SMITH
200 mm



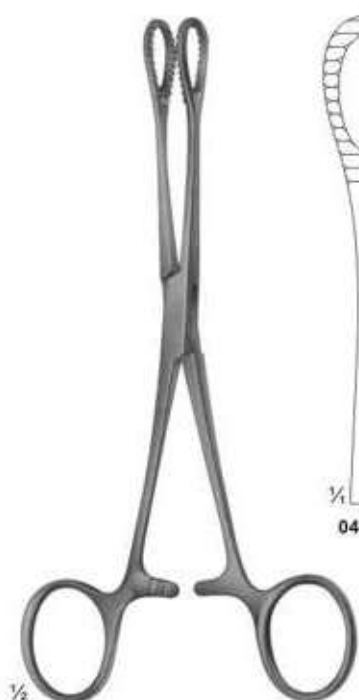
04-291
NOTO
280 mm



04-292
KELLY
320 mm



Dressing, Sponge holding, Organ and Tissue Grasping Forceps



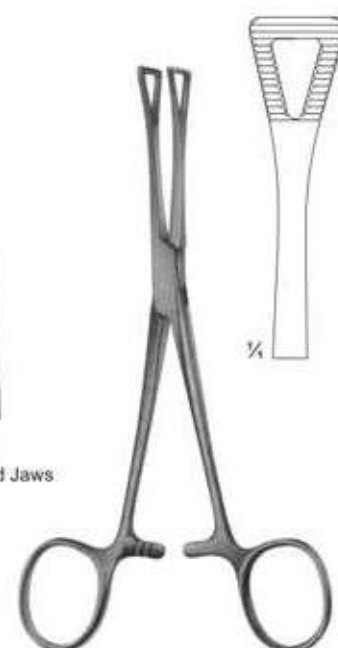
04-293 - 04-294
FOERSTER-BALLENGER
180 mm



04-295 - 04-296
RAMPLEY



04-297 - 04-300
FOERSTER-BALLENGER
240 mm

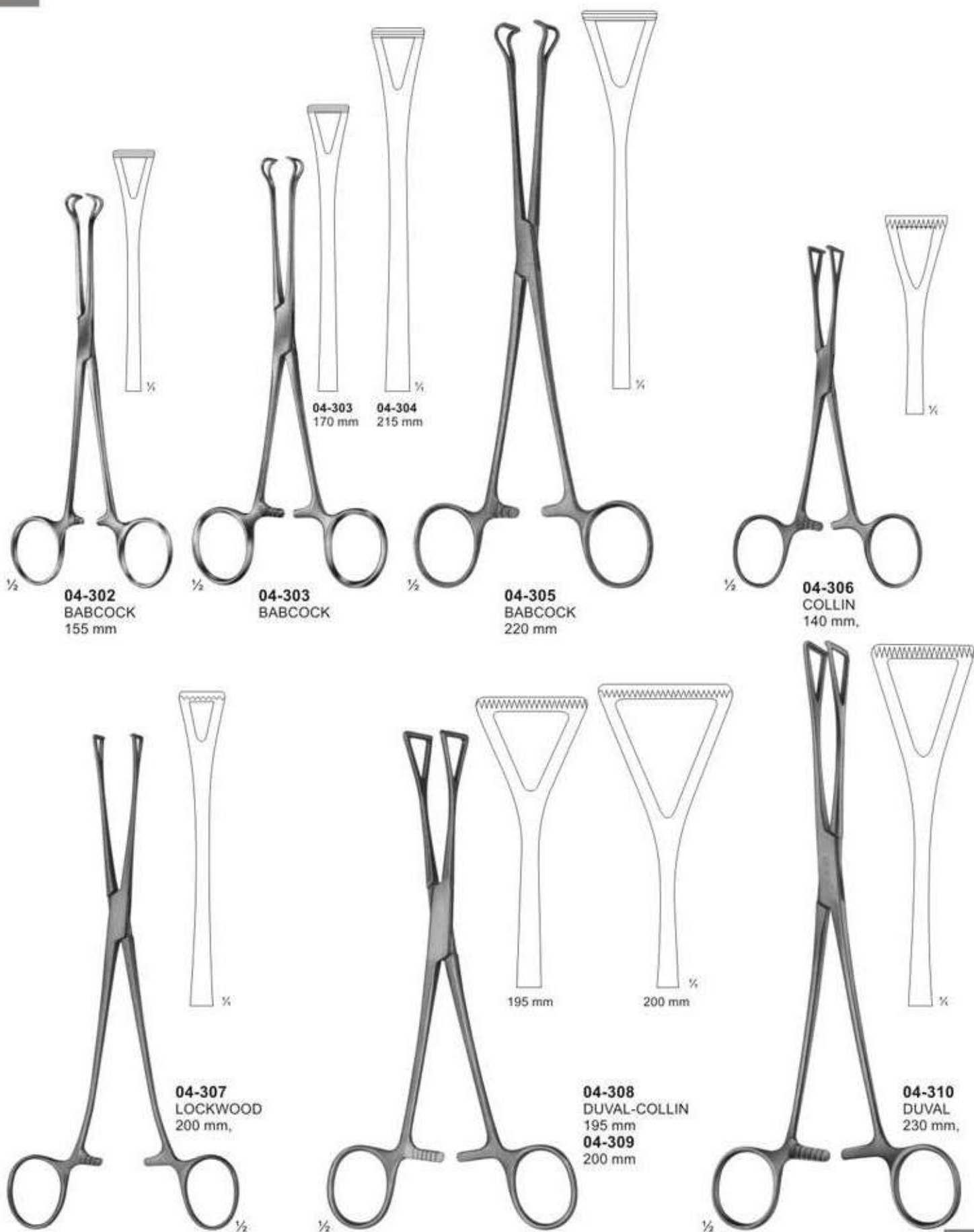


04-301
PENNINGTON
155 mm

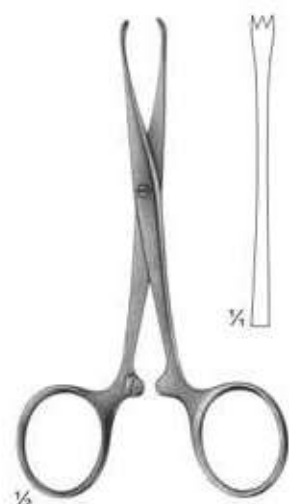


am rays

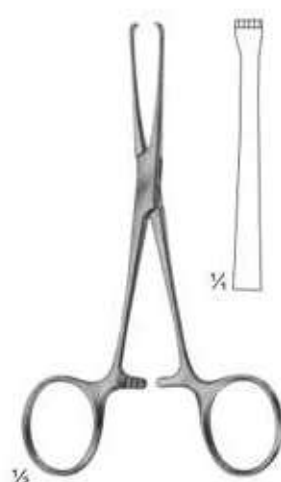
Intestinal Grasping Forceps



Artery Traction - and Tissue Grasping Forceps



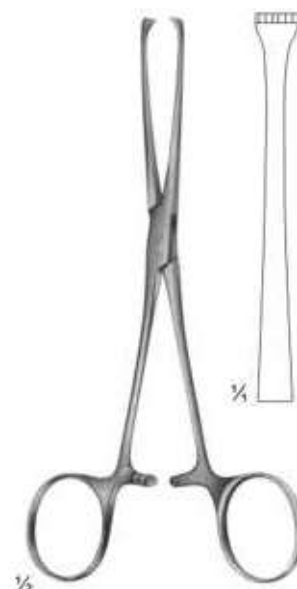
04-311
CHAPUT
2 x 3 teeth
125 mm



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



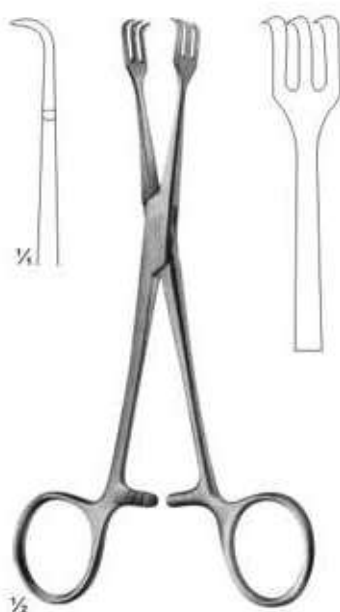
04-313
BOYS-ALLIS
5 x 6 teeth sharp
155 mm



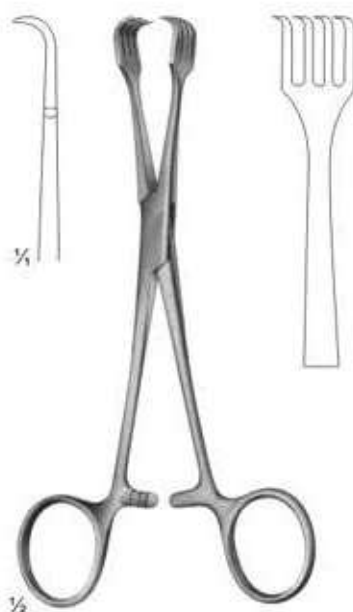
04-314
ALLIS
5 x 6 teeth
155 mm



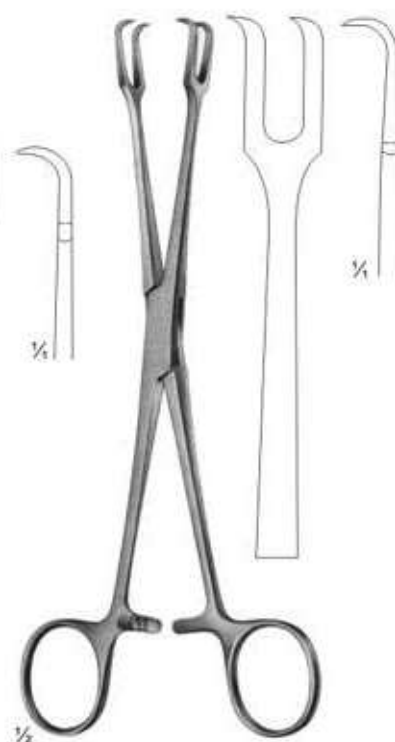
04-315
LAHEY
155 mm



04-316
LAHEY
155 mm



04-317
BRAUN
155 mm



04-318
MUSEUX
200 mm



am rays

Towel Clamps



04-319
JONES
85 mm



04-320
ENGL. MOD.
85 mm



04-321 - 04-322
SCHAEDEL
85 mm



04-321



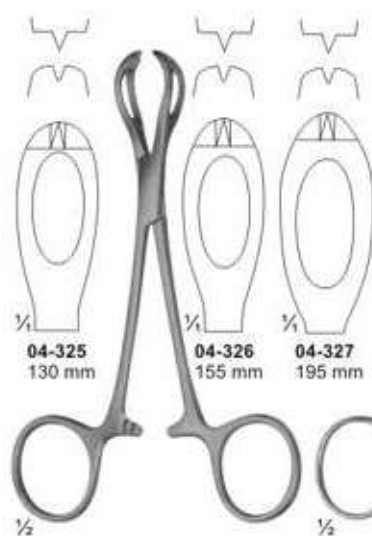
04-322



04-323
DOYEN
110 mm



04-324
DOYEN
180 mm



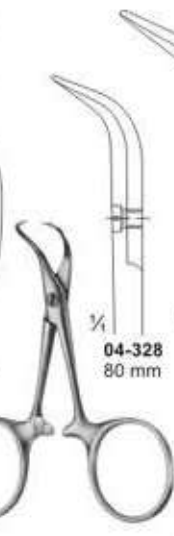
04-325
130 mm



04-326
155 mm



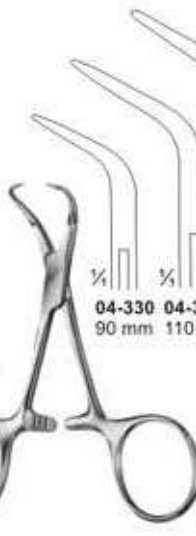
04-327
195 mm



04-328
80 mm



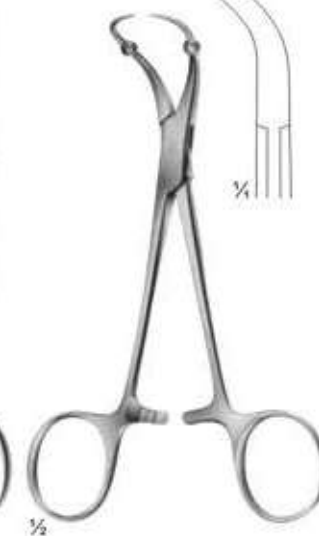
04-329
105 mm



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



04-331
110 mm



04-332
135 mm

04-325 - 04-327
LANE

04-328 - 04-329
BACKHAUS

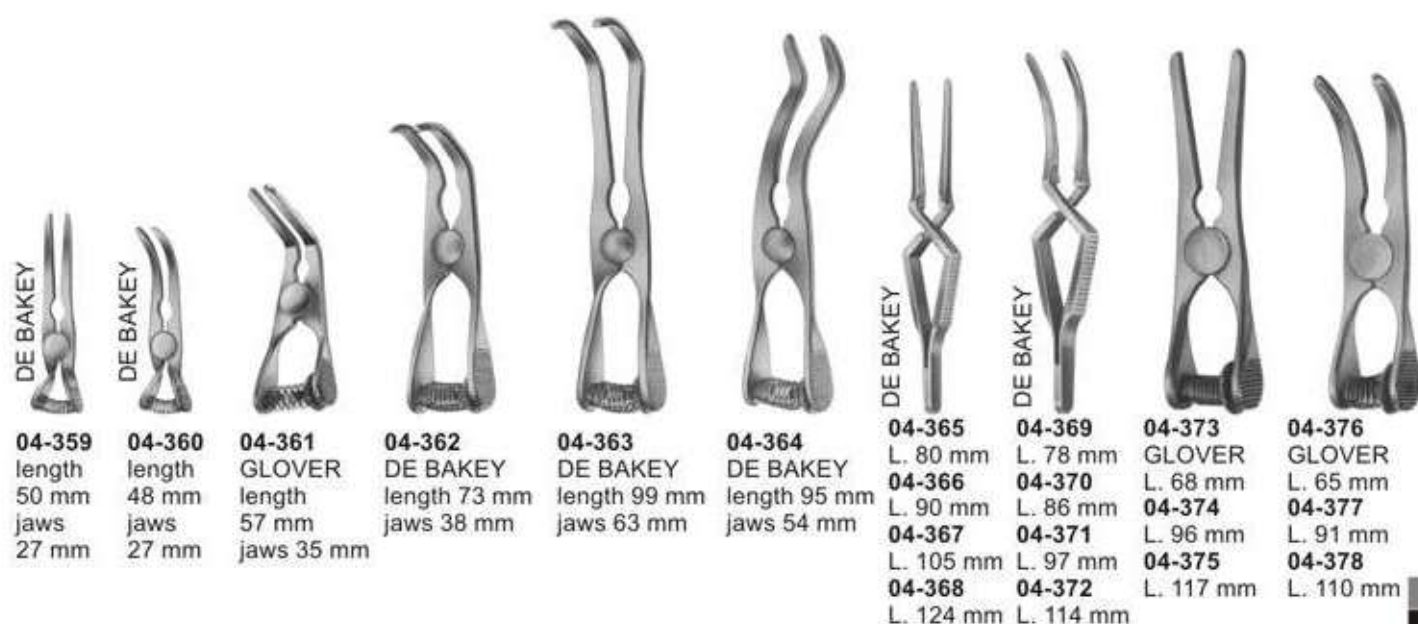
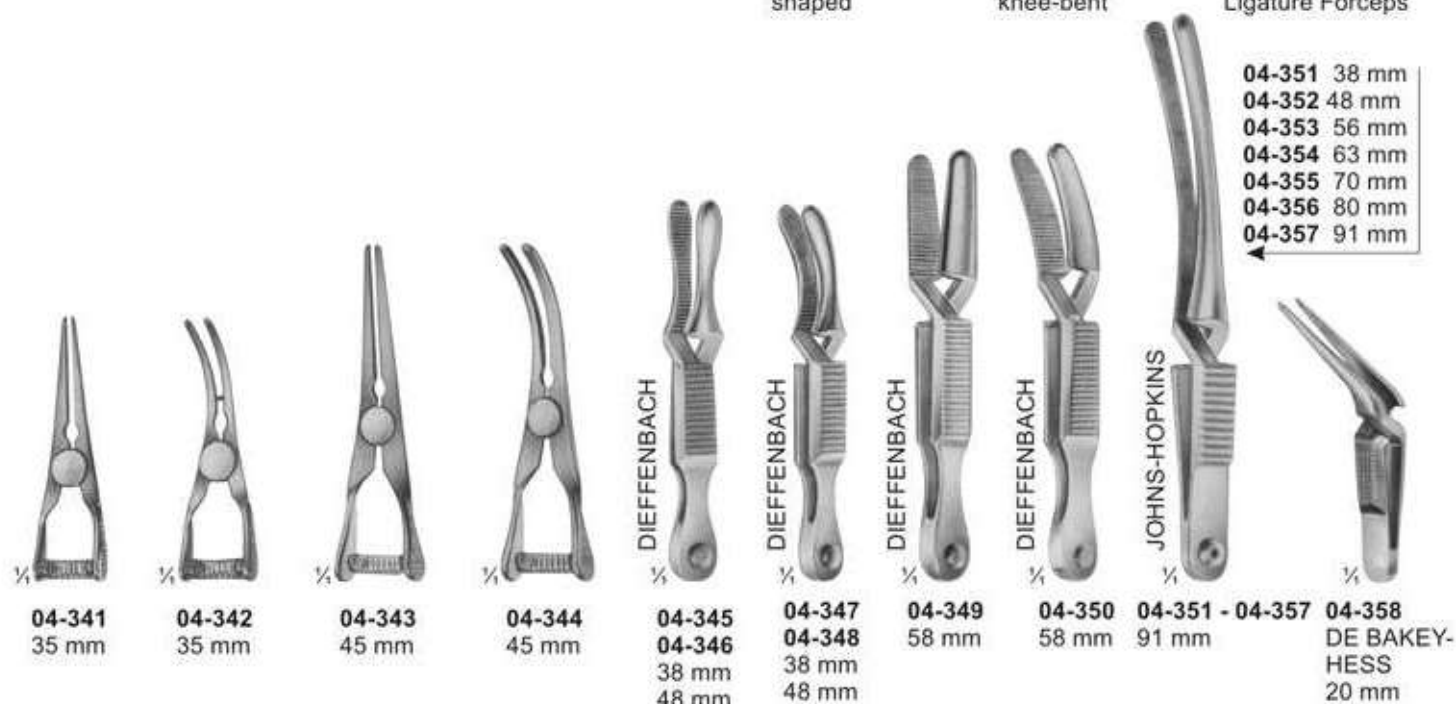
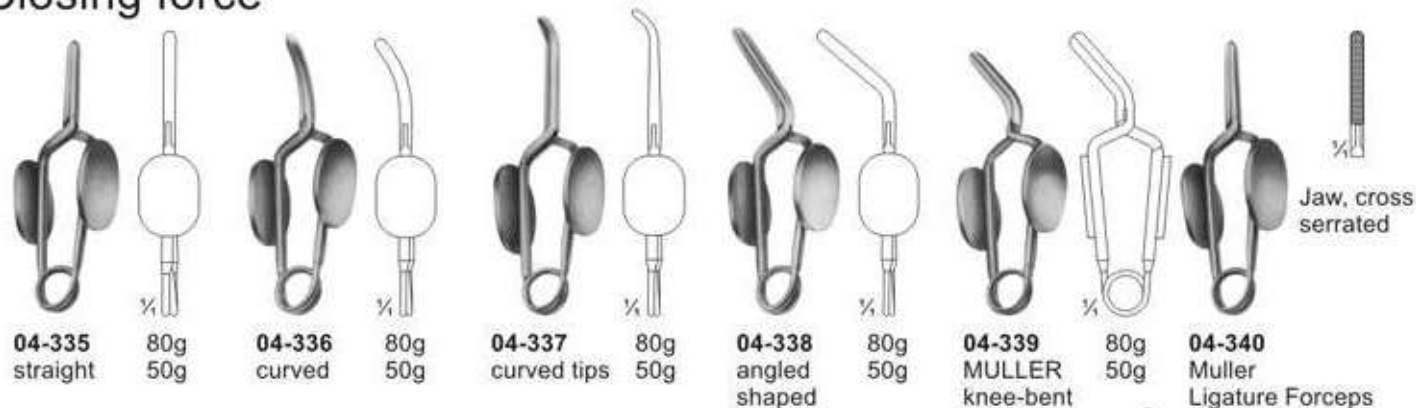
04-330 - 04-332
BACKHAUS

04-333
BACKHAUS-KOCHER
135 mm

04-334
ROEDER
135 mm

Muller Vessel Clips and Bulldog Clamps

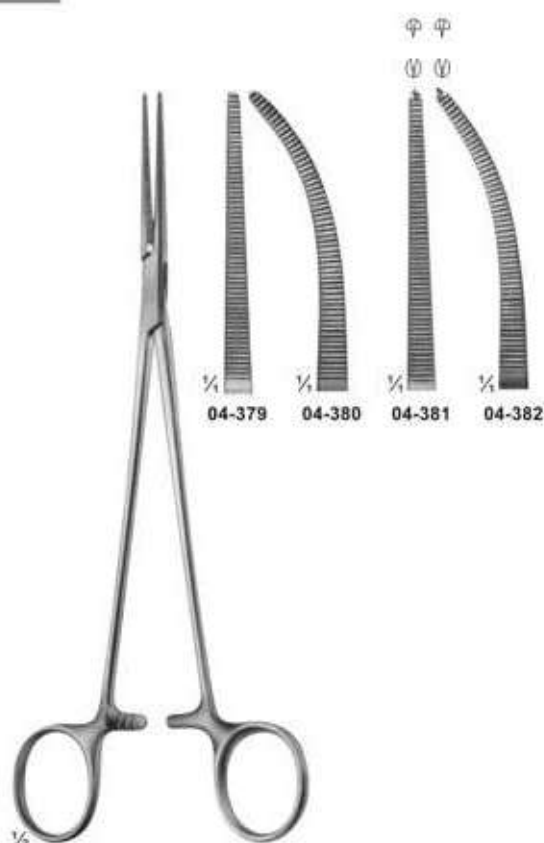
Closing force



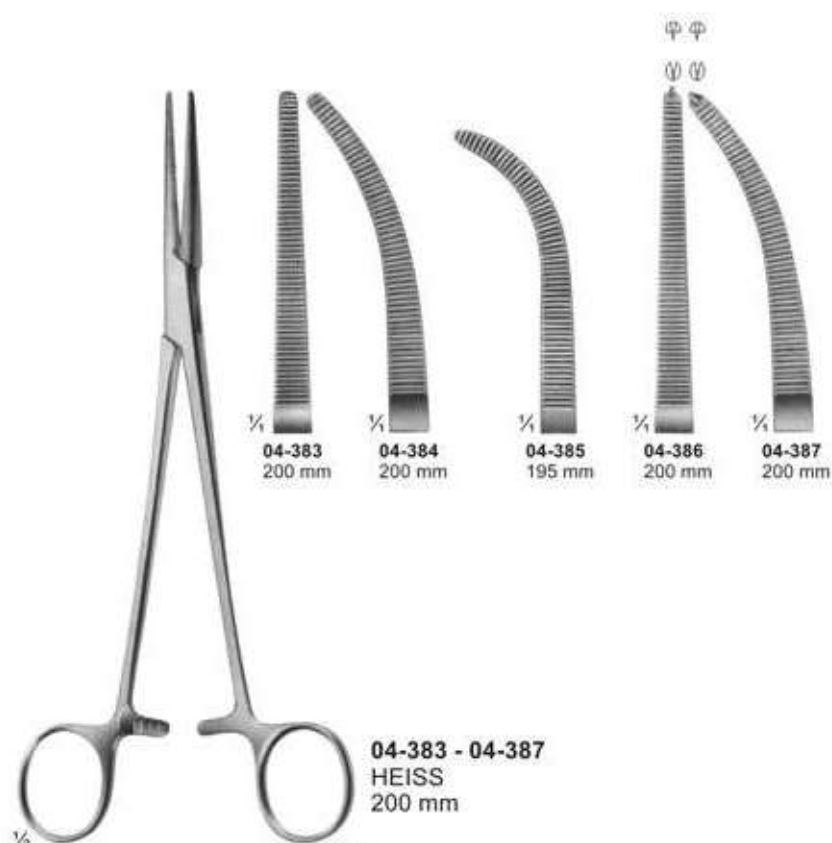


am rays

Delicate Haemostatic Forceps



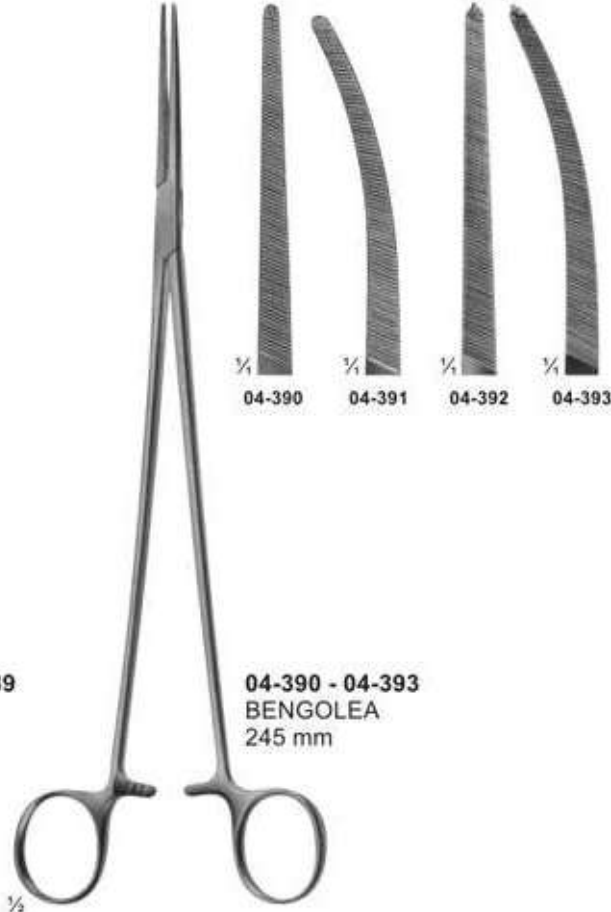
04-379 - 04-382
HALSTED-MOSQUITO
200 mm



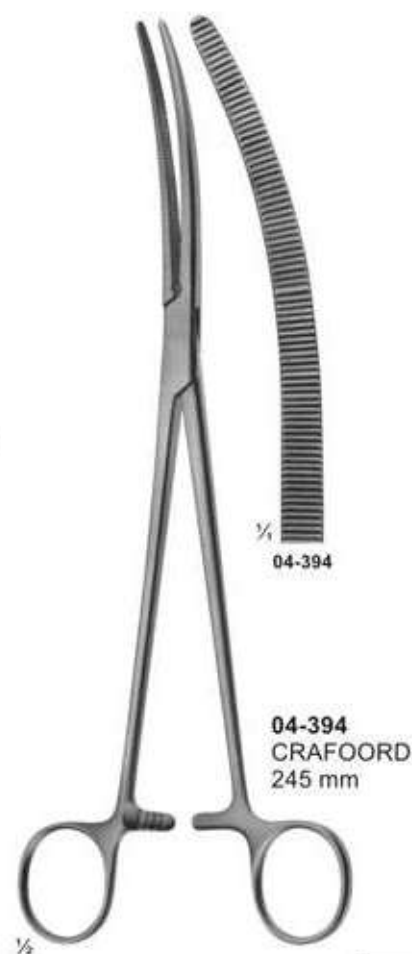
04-383 - 04-387
HEISS
200 mm



04-388 - 04-389
HALSTED
215 mm



04-390 - 04-393
BENGOLEA
245 mm



04-394
CRAFOORD
245 mm

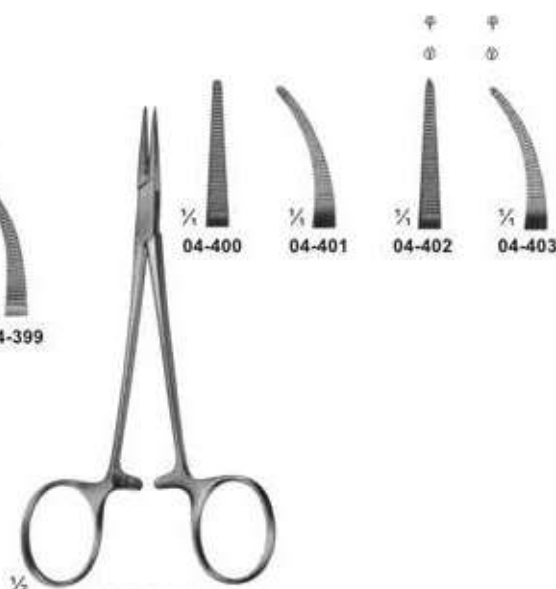
Delicate Haemostatic Forceps



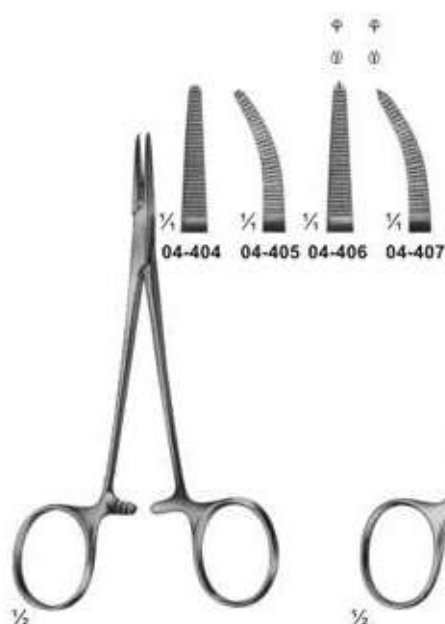
04-395
CARREL
85 mm



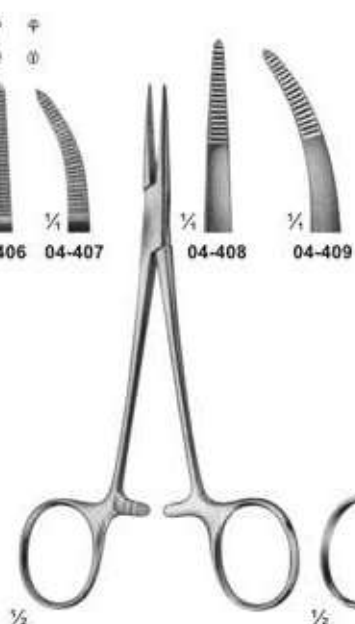
04-396 - 04-399
BABY-MOSQUITO
(HARTMANN)
100 mm



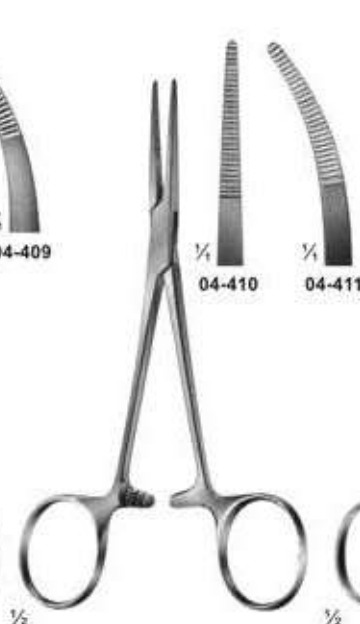
04-400 - 04-403
MICRO-HALSTED
125 mm



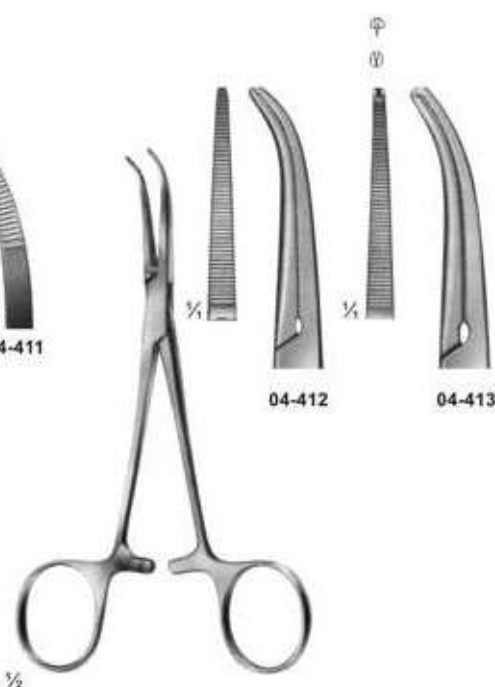
04-404 - 04-407
HALSTED-MOSQUITO
125 mm



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



04-410 - 04-411
KELLY
140 mm

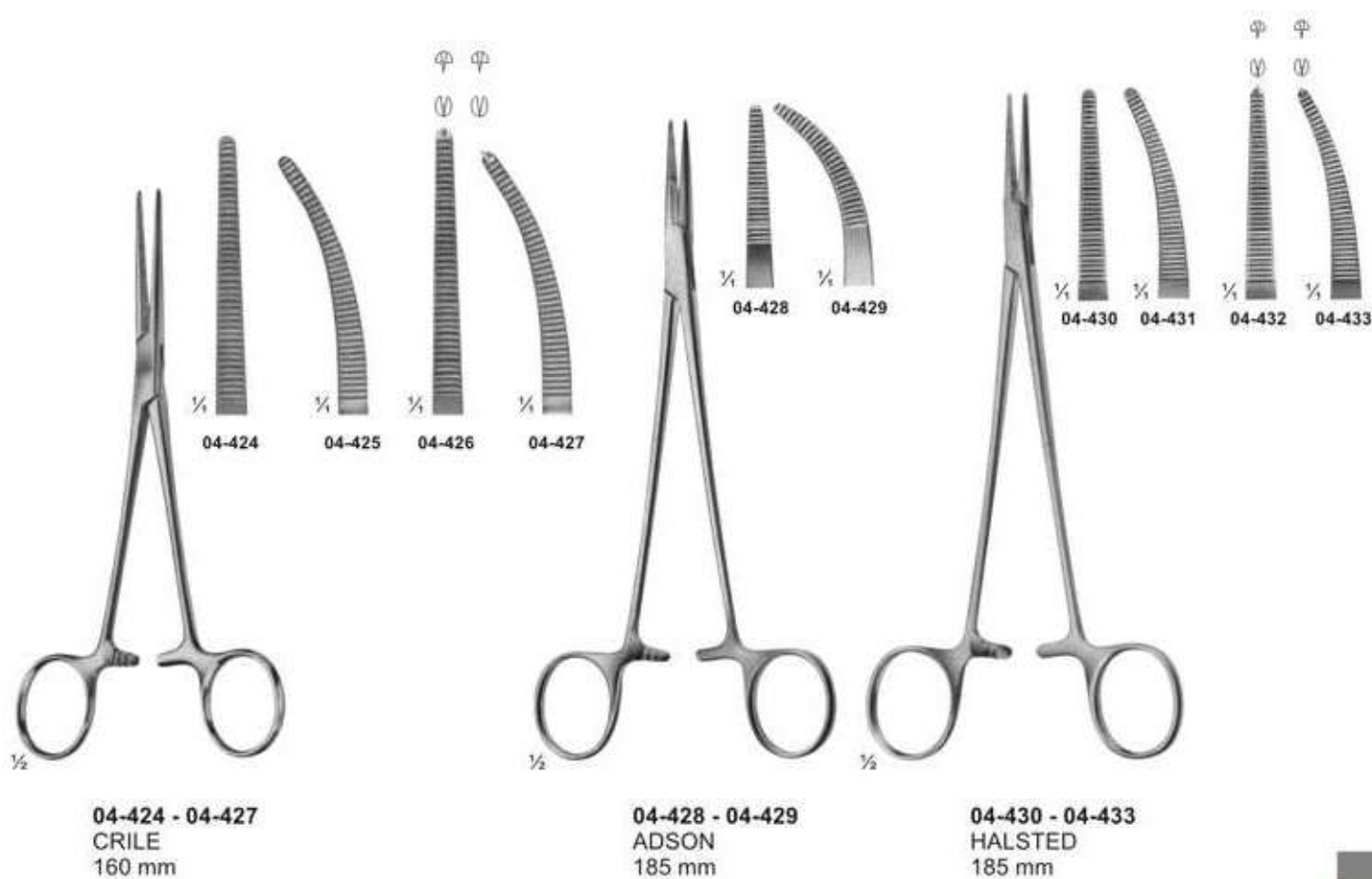
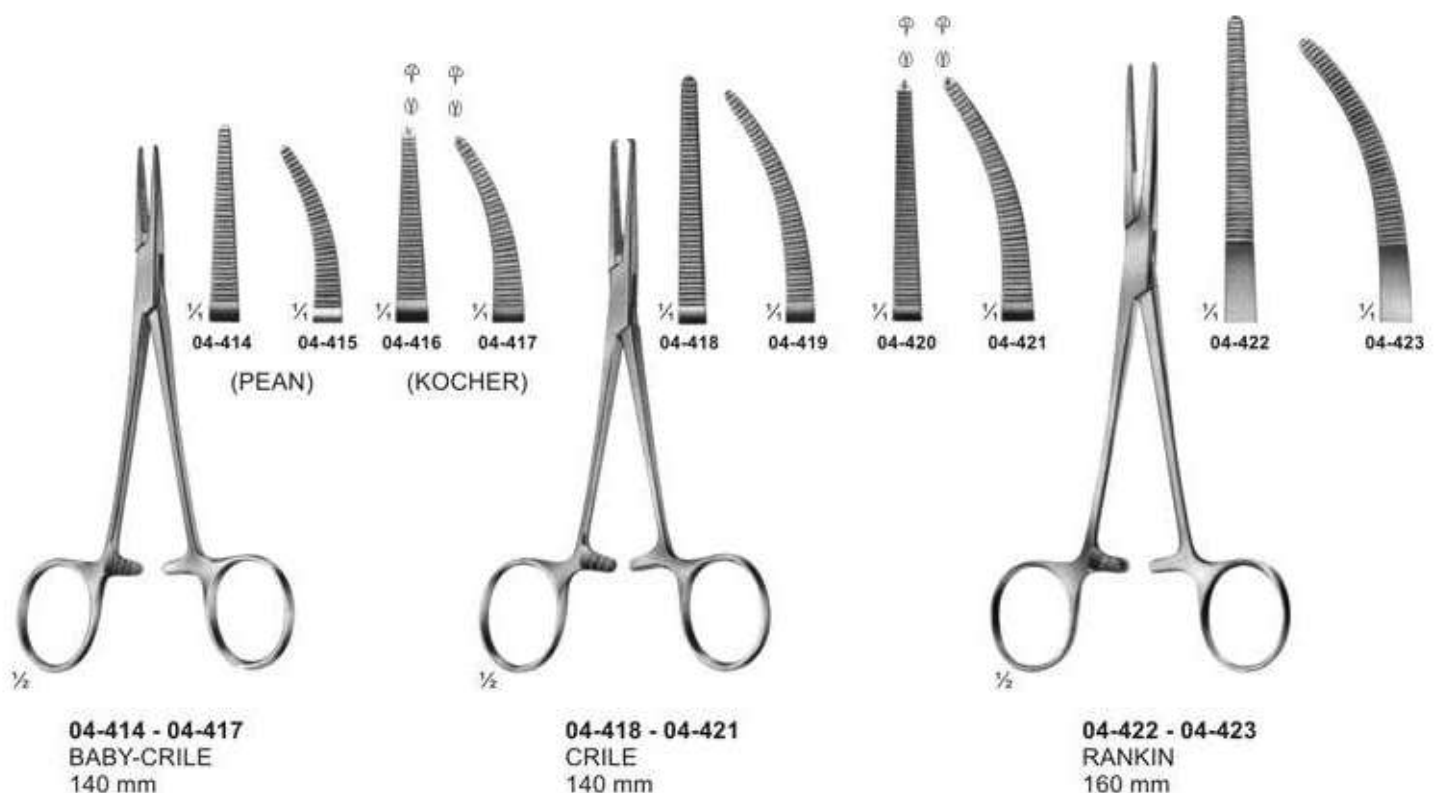


04-412 - 04-413
DANDY
Curved sideways
140 mm

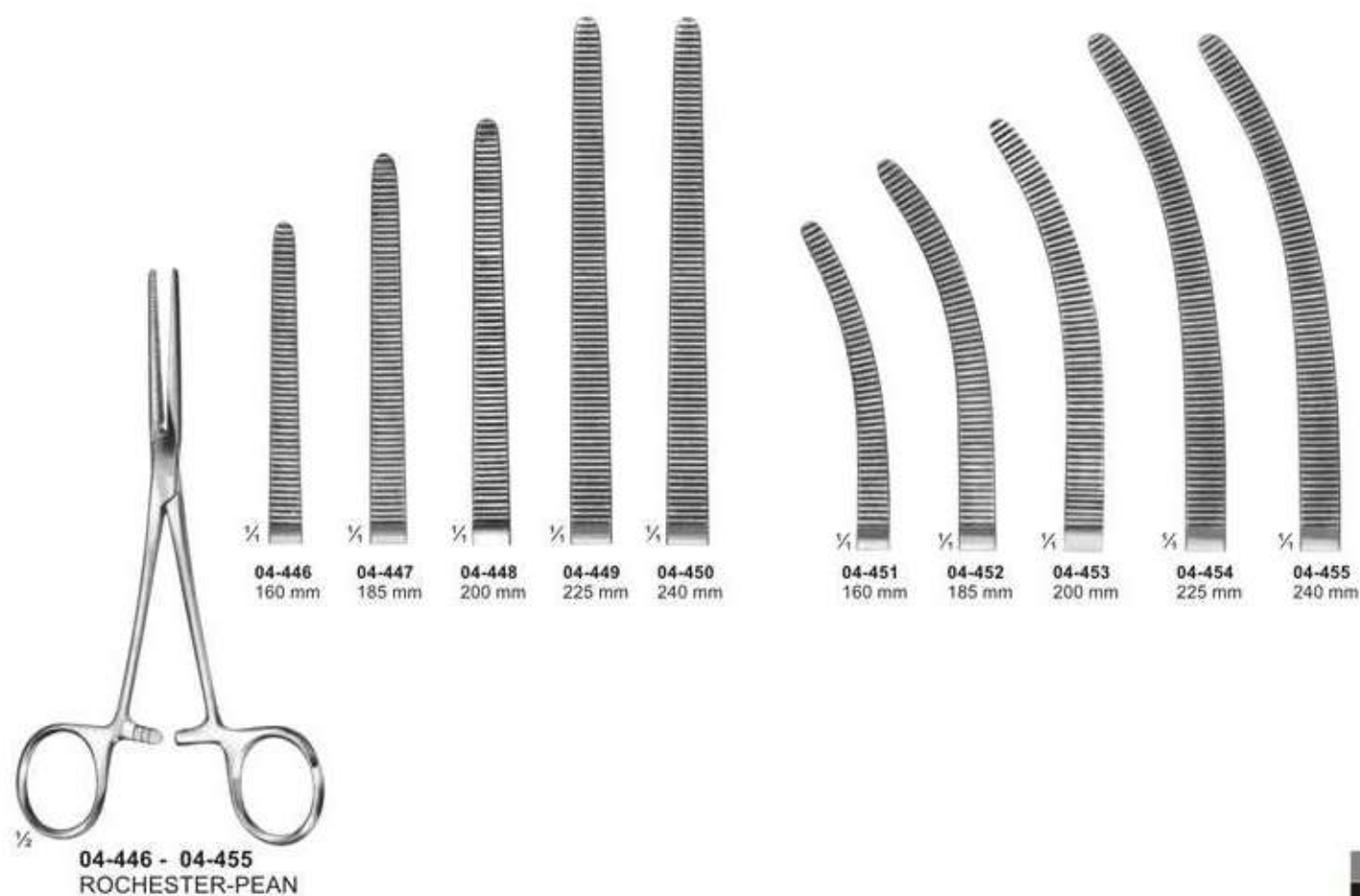


am rays

Delicate Haemostatic Forceps



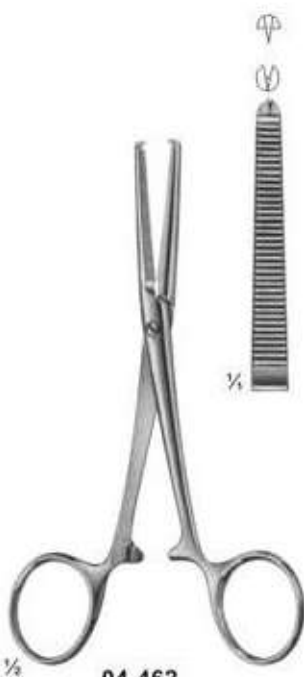
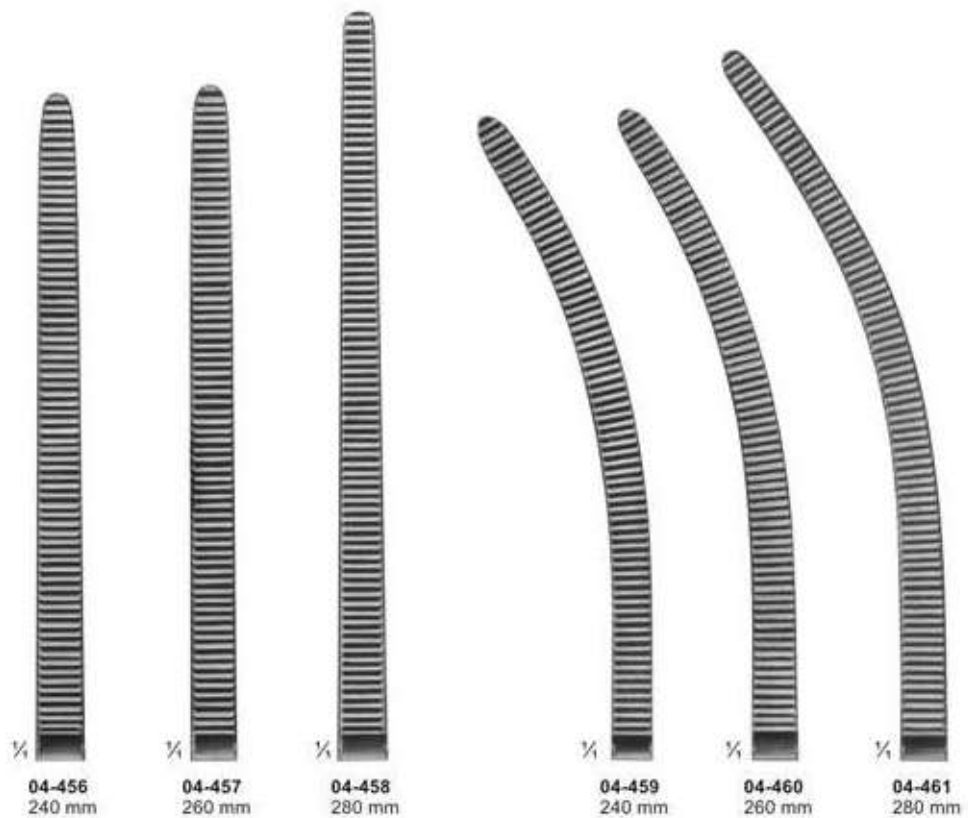
Haemostatic Forceps



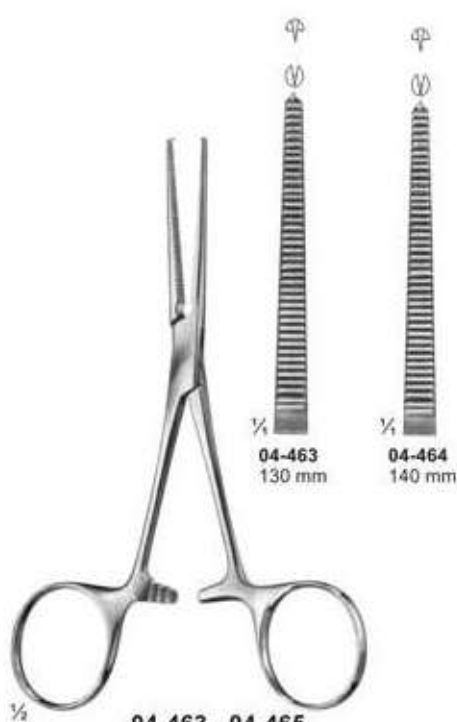
Haemostatic Forceps



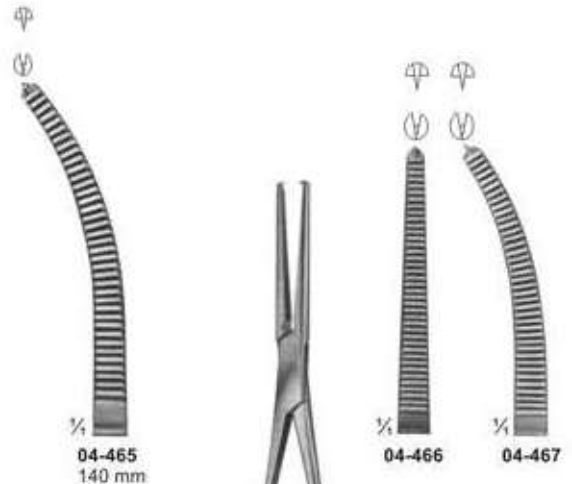
04-456 - 04-461
PEAN



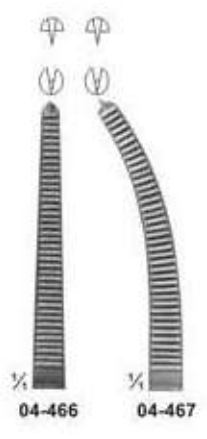
04-462
KOCHER
Strong Pattern
145 mm



04-463 - 04-465
KOCHER



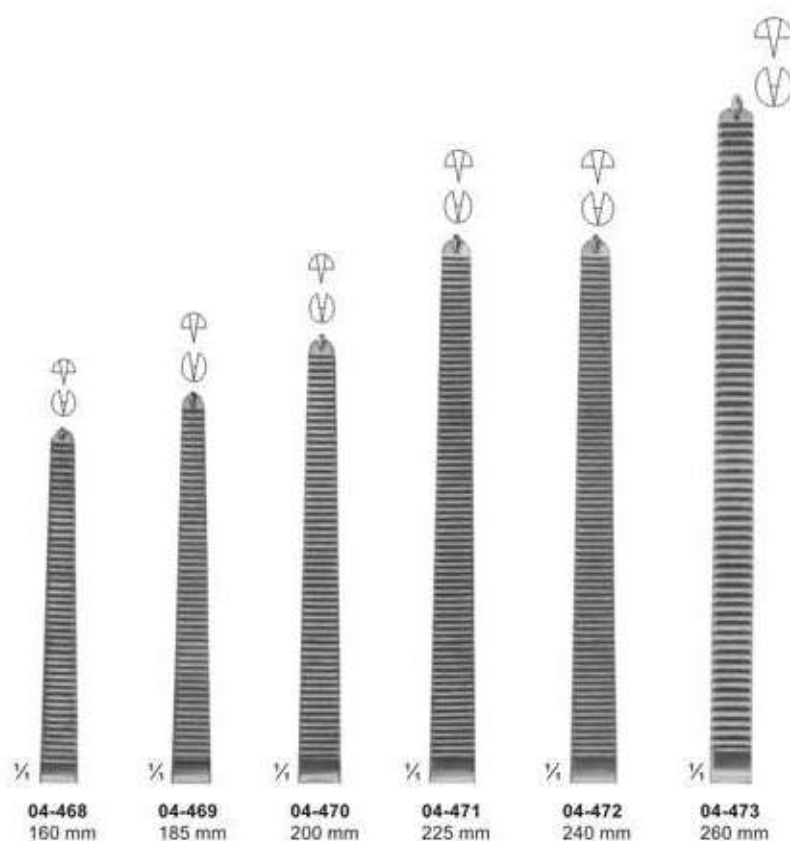
04-466 - 04-467
ROCHESTER-OGHSNER
140 mm



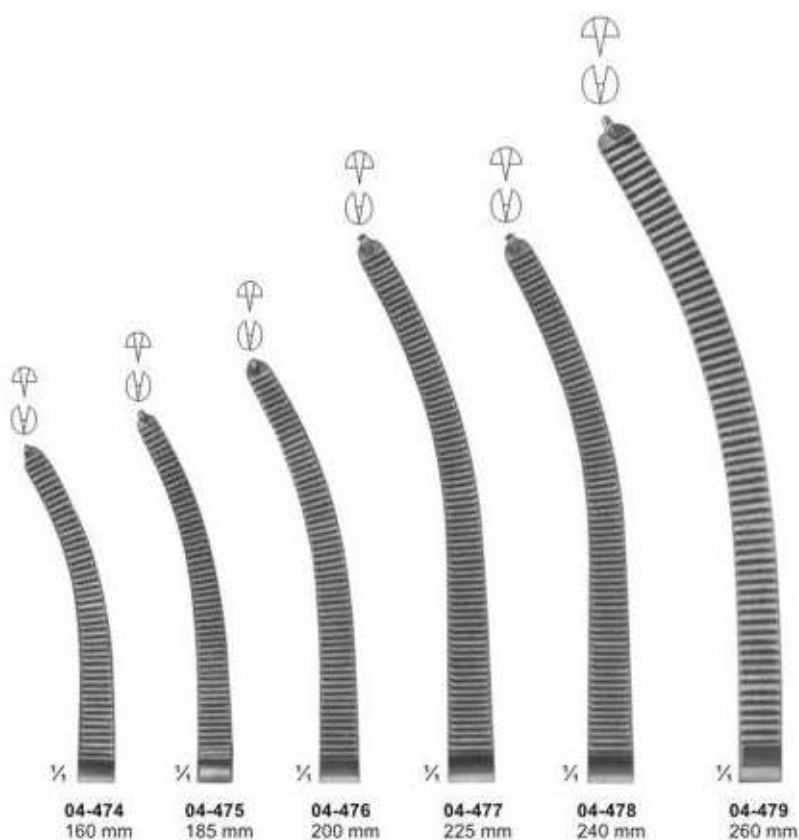


am rays

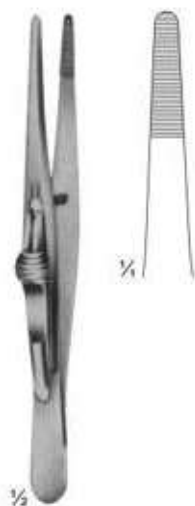
Haemostatic Forceps



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 - 04-484
PEAN



04-485
PEAN
125 mm



04-486 - 04-487
PEAN





Haemostatic Forceps, Special Pattern, Tonsil Forceps

am rays



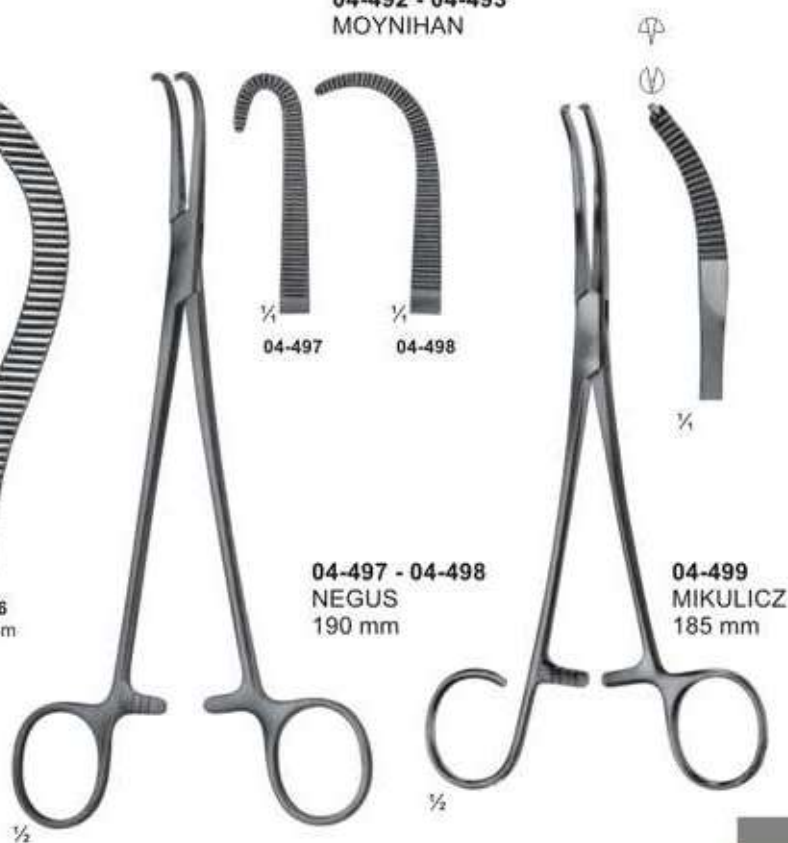
04-488 - 04-491
ROCHESTER-CARMALT



04-492 - 04-493
MOYNIHAN



04-494 - 04-496
PEAN



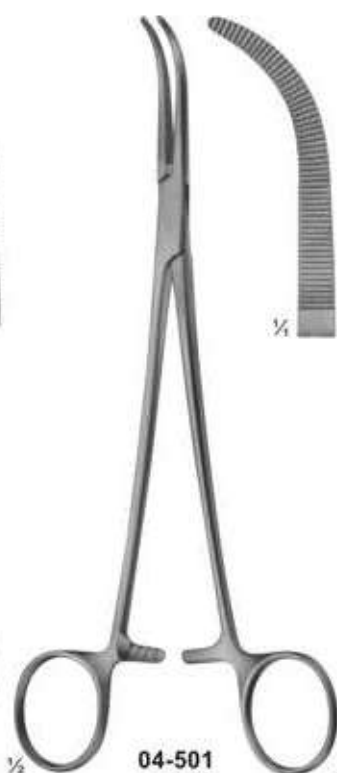
04-497 - 04-498
NEGUS
190 mm

04-499
MIKULICZ
185 mm

Dissecting- and Ligature Forceps



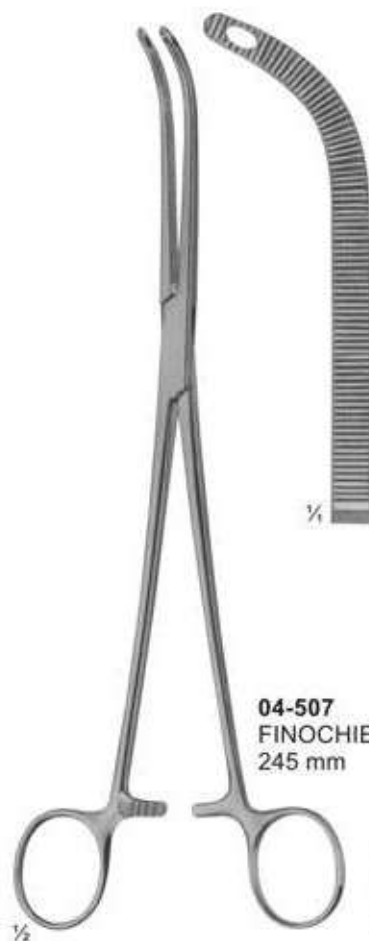
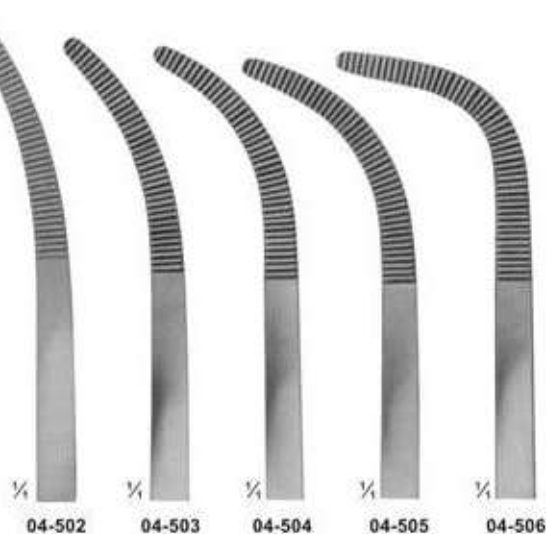
04-500
MIXTER-O'SHAUGNESSY
190 mm



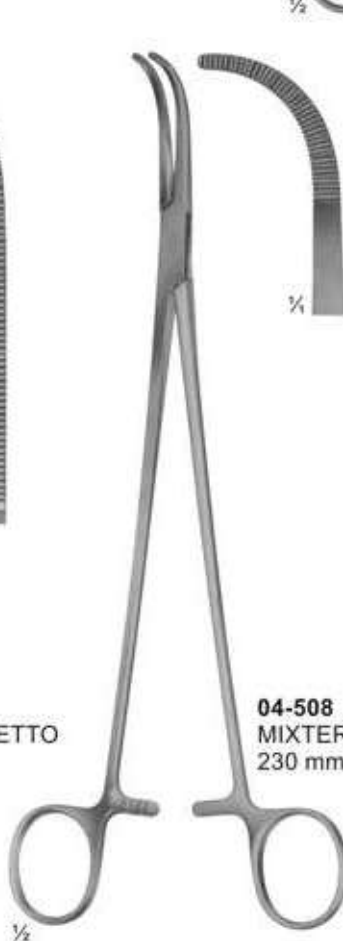
04-501
HEISS
195 mm



04-502 - 04-506
RUMEL
240 mm



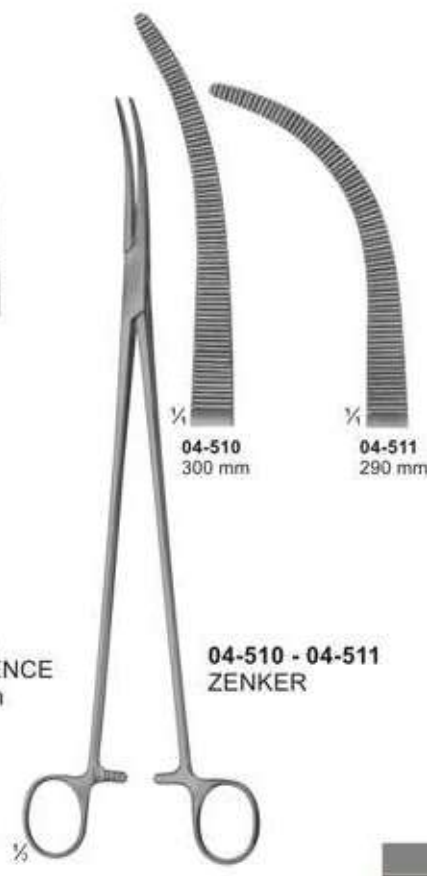
04-507
FINOCHIETTO
245 mm



04-508
MIXTER
230 mm



04-509
LAWRENCE
270 mm



04-510 - 04-511
ZENKER

Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



04-512
WERTHEIM
Hysterectomy forceps
255 mm



04-513
WERTHEIM
Parametrium clamp
260 mm



04-514 - 04-516
DICK



04-514
255 mm

04-515
265 mm

04-516
275 mm

Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



Needle Holders for micro surgery



05-101
ROHRSCHEIDER
with copper inserts
100 mm



05-102
KALT
with catch
135 mm



05-103
ARRUGA
with catch
135 mm



05-104 - 105
CASTROVIEJO
with catch
145 mm



05-106 - 107
without Catch
160 mm



05-108 - 109
without catch
185 mm



05-109



05-110 - 111
JACOBSON
185 mm



05-111
with catch

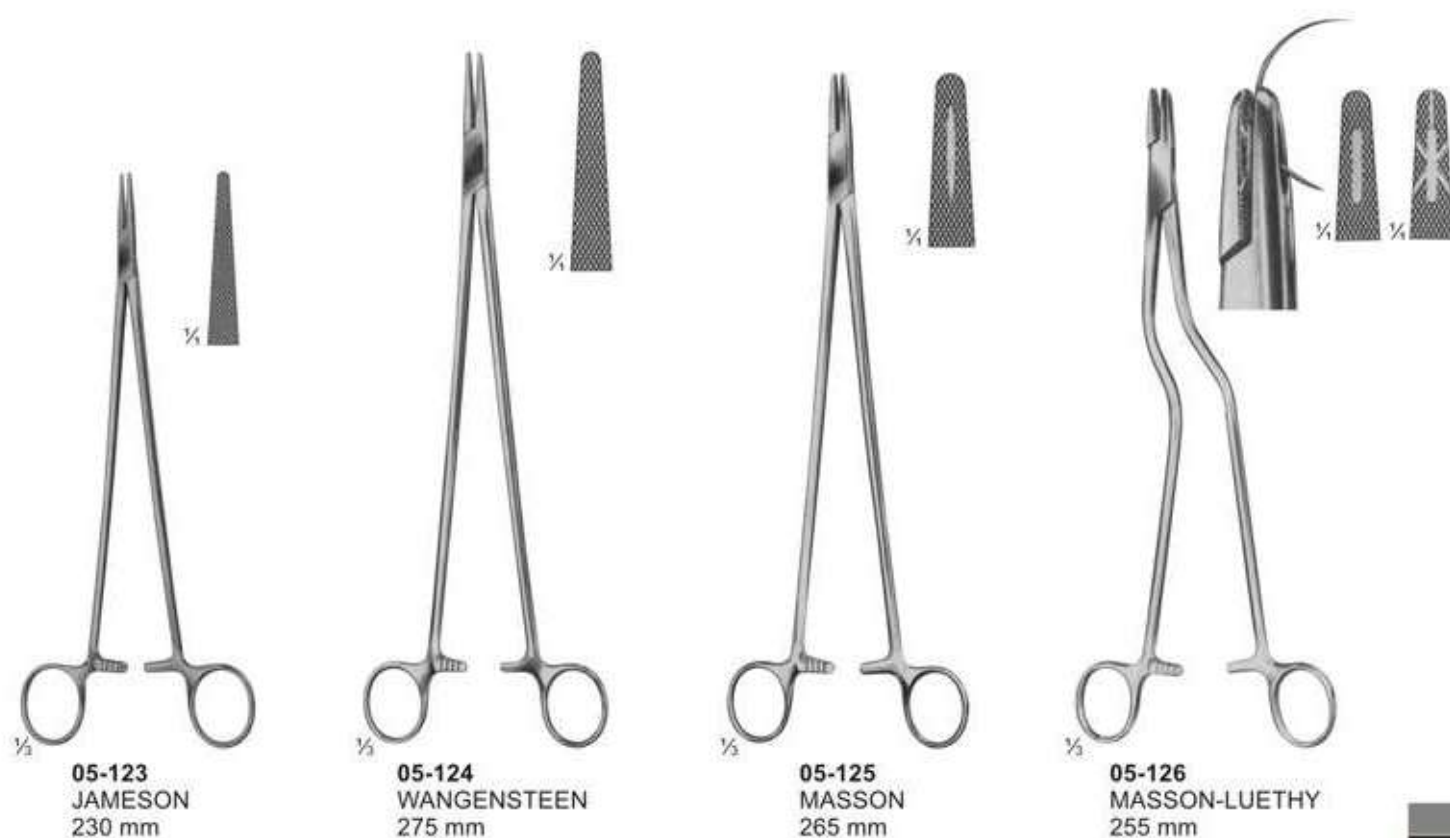


05-112
without catch
195 mm



05-113 - 114
YASARGIL
with catch
200 mm

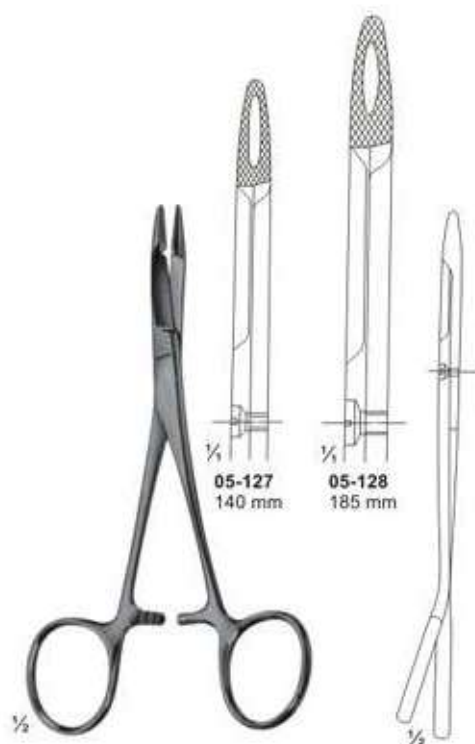
Needle Holders





am rays

Needle Holders



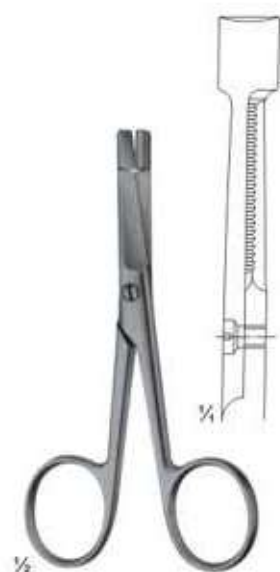
05-127 - 128
HEGAR-OLSEN
255 mm



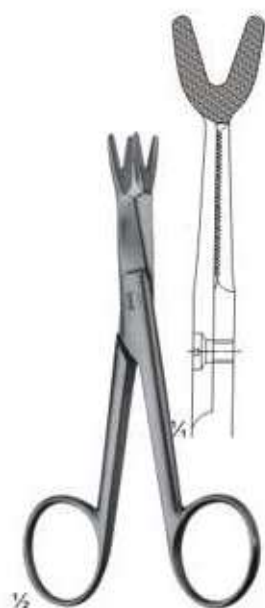
05-129
GILLIES
150 mm



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



am rays

Needle Holders



05-135 - 05-137
MATHIEU

05-138 - 05-139
MATHIEU-STILLE
Very heavy models

05-140
BOYNTON
125 mm

05-141
EISELSBERG-MATHIEU
For palate suture
195 mm

05-142 - 05-143



05-144



05-145



05-146



05-147
YOUNG-
HRYNTSCHAK
With 1 needle
240 mm



05-148
YOUNG-MILLIN
With 1 needle
200 mm

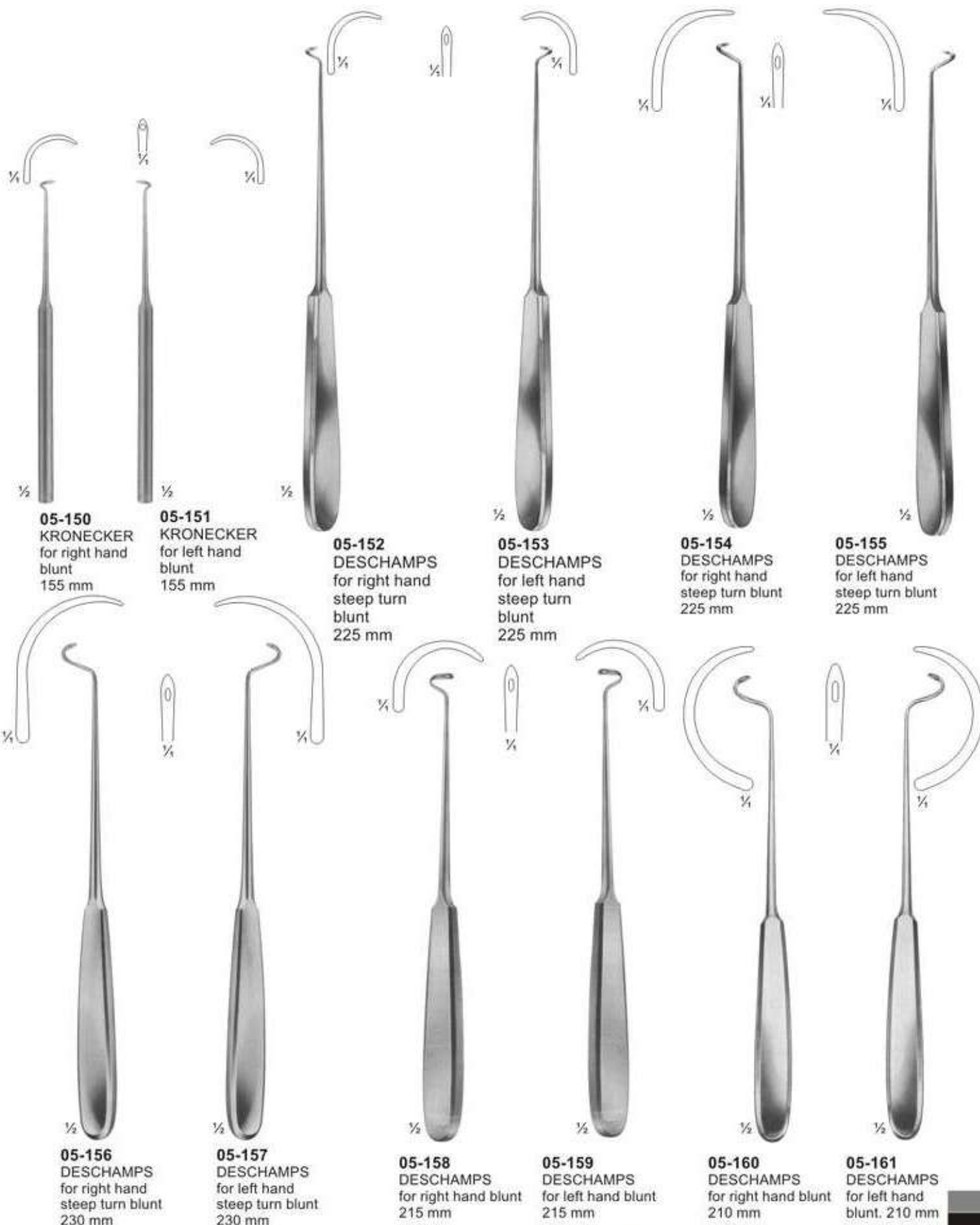


05-149
MILLIN
Ligature holding
forceps. 245 mm



am rays

Suture Instruments - Reverdin Needles



Probes



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



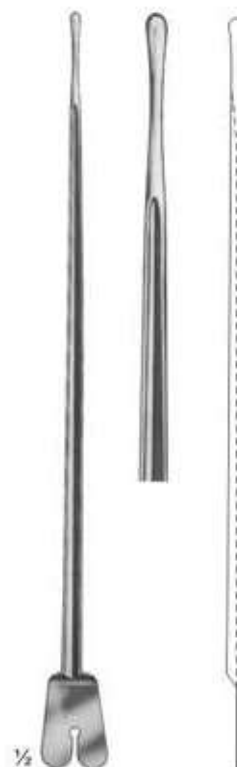
05-165
DOYEN
 145 mm
 Directors



05-166
NELATON
 160 mm
 Directors



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



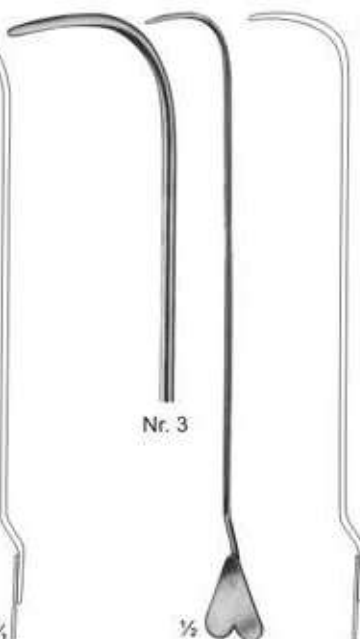
05-168
BRODIE
 Director with tip,
 Diam. Of tip 3,5 mm
 200 mm



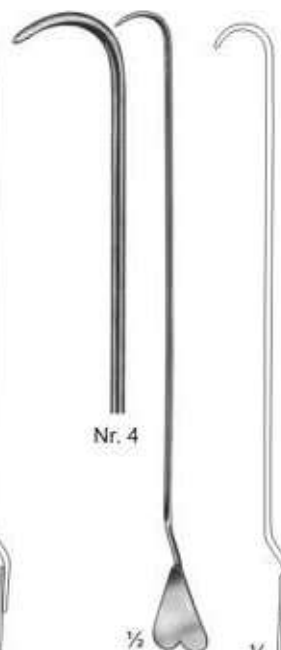
05-169
LOCKHART-MUMMERY
 165 mm



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 2,5 mm
05-175 2,5 mm
05-176 3,0 mm

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



1,5 mm

05-177
 Myrtle leaf probe
 145 mm



2,0 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 1/2
 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 1/4
 Double ended probes,
 tin, malleable,
 diam. of tips 4 mm
 400 mm



1/2 $\varnothing$ tip
05-187 1,5 mm
05-188 2,0 mm
05-189 2,5 mm
 300 mm


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

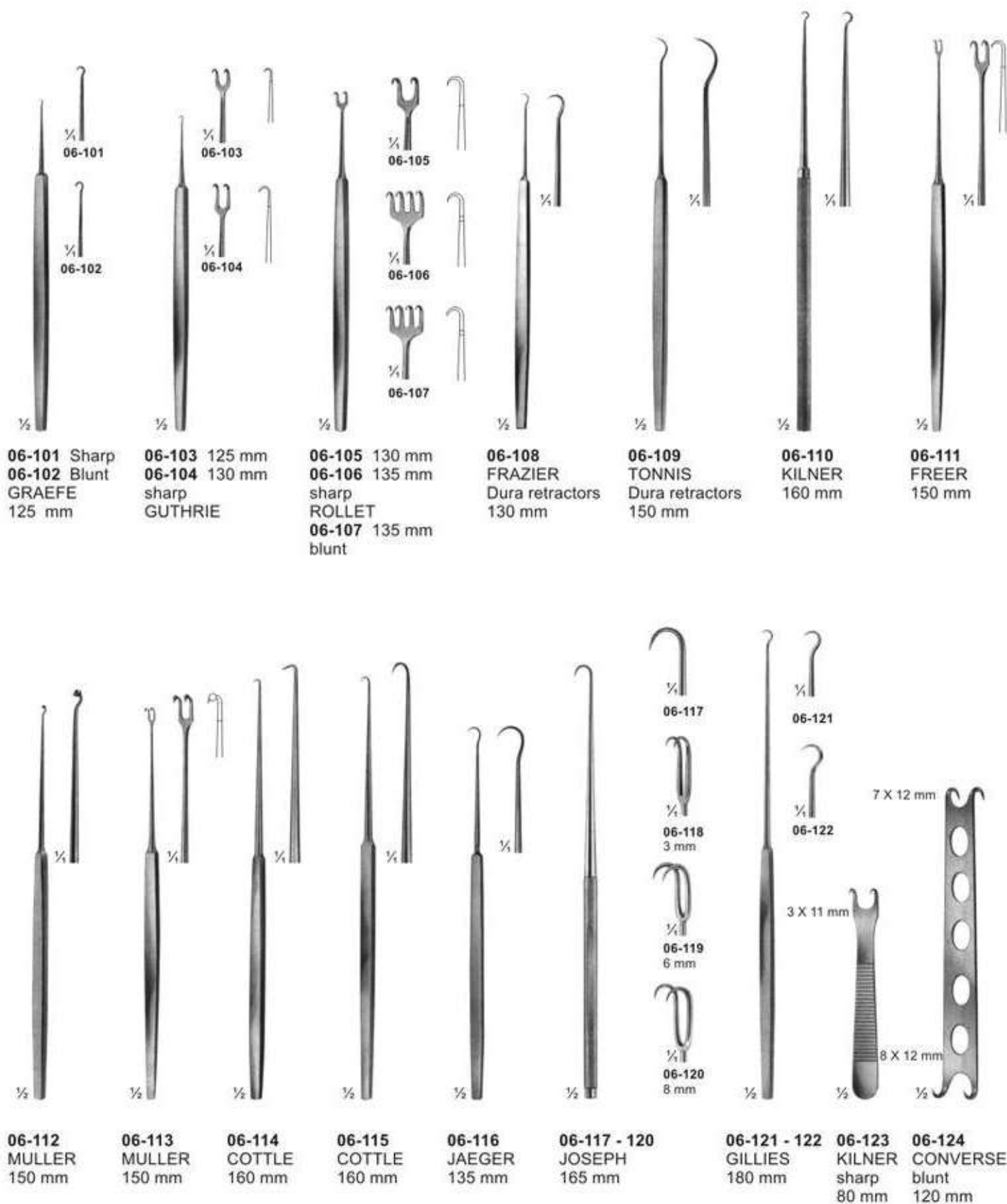
1 MAYO-HEGER needle holder, 150mm
1 MICHEL clip forceps, combined
1 Myrtle leaf probe, 130mm
1 Sharp double curette
1 Skin hook
1 Detachable scalpel handle, no. 4
1 Perforated metal case, consisting
6 Scalpel blades
1 Perforated metal case, stainless, consisting:
1 Suture needle
1 item, & 1 item

Top tray

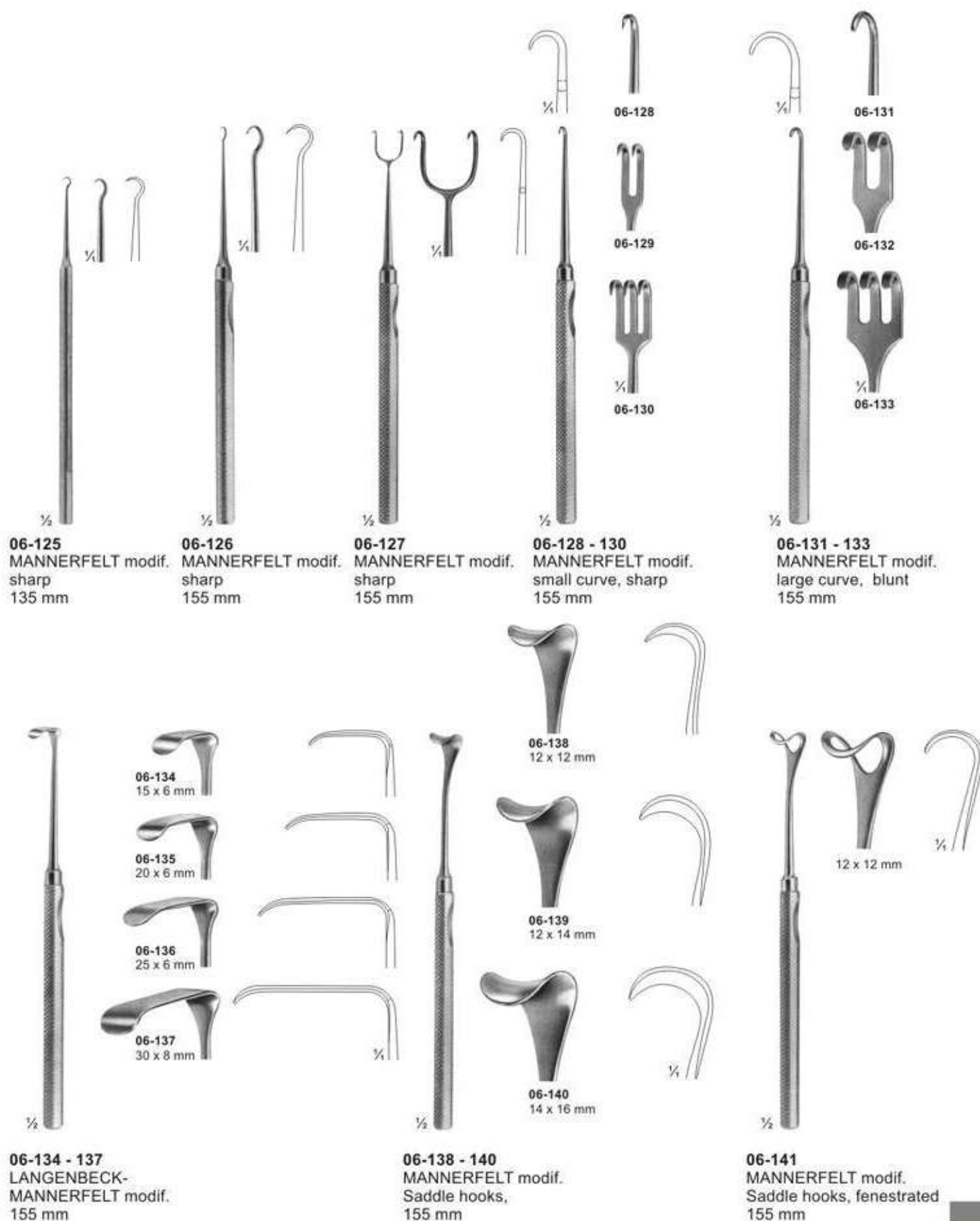
1 Tissue forceps, 130mm
1 CRILE haemostatic forceps, 140mm
1 Straight surgical scissors, 130mm
1 Dissecting forceps, 130mm
1 FEILCHENFELD splinter forceps, 115mm
25 MICHEL clip, 16 x 3mm
1 Flacon of suture silk, sterile in alcohol

**am rays**

Fine Wound Retractors (Dura- and Skin Retractors)



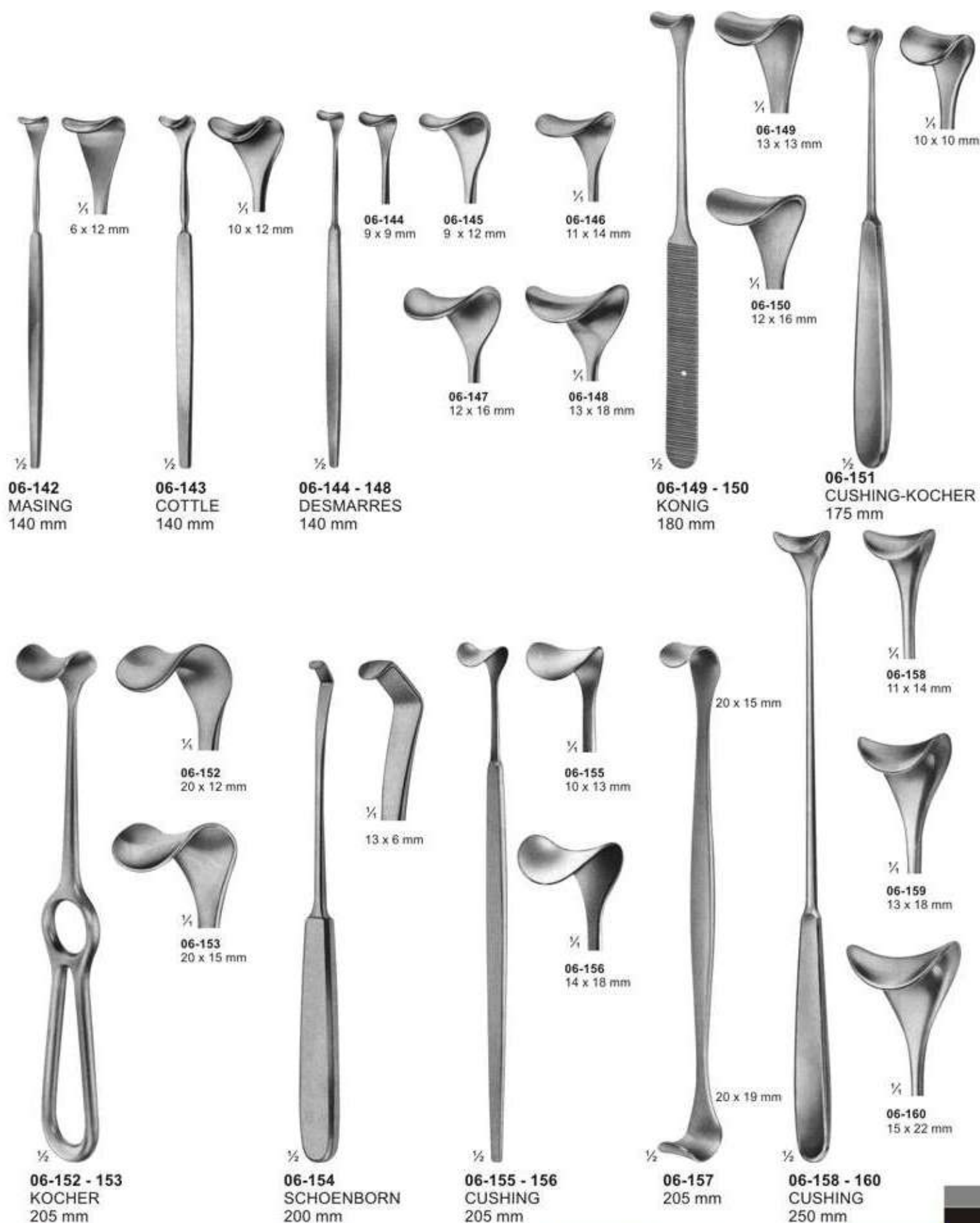
Retractors With triangle handle



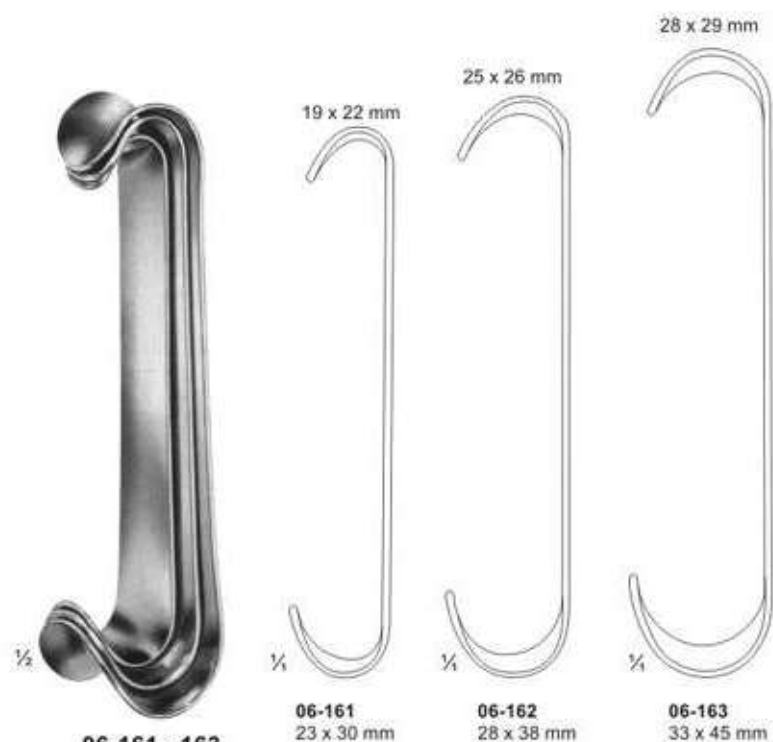


am rays

Retractors



Retractors



06-161 - 163
ROUX
Set
165 mm

06-161
23 x 30 mm

06-162
28 x 38 mm

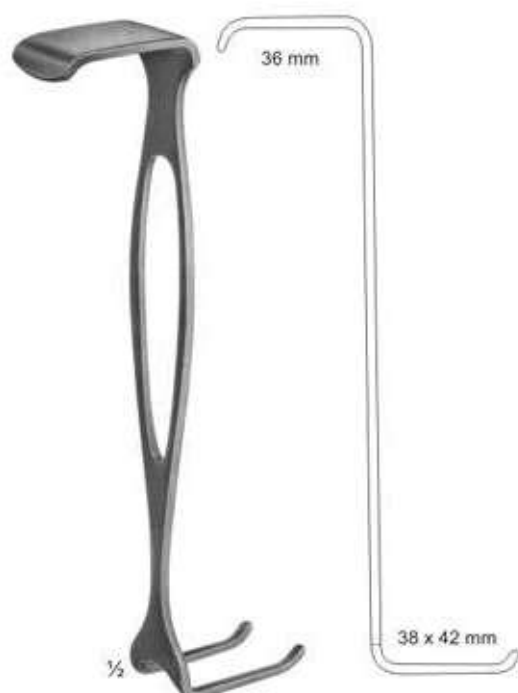
06-163
33 x 45 mm



06-164 - 165
ROUX

06-164
25 x 29 mm
150 mm

06-165
30 x 38 mm
160 mm



06-166
CZERNY
175 mm



06-167
MATHIEU
200 mm



06-168
US-ARMY
220 mm



am rays

Retractors

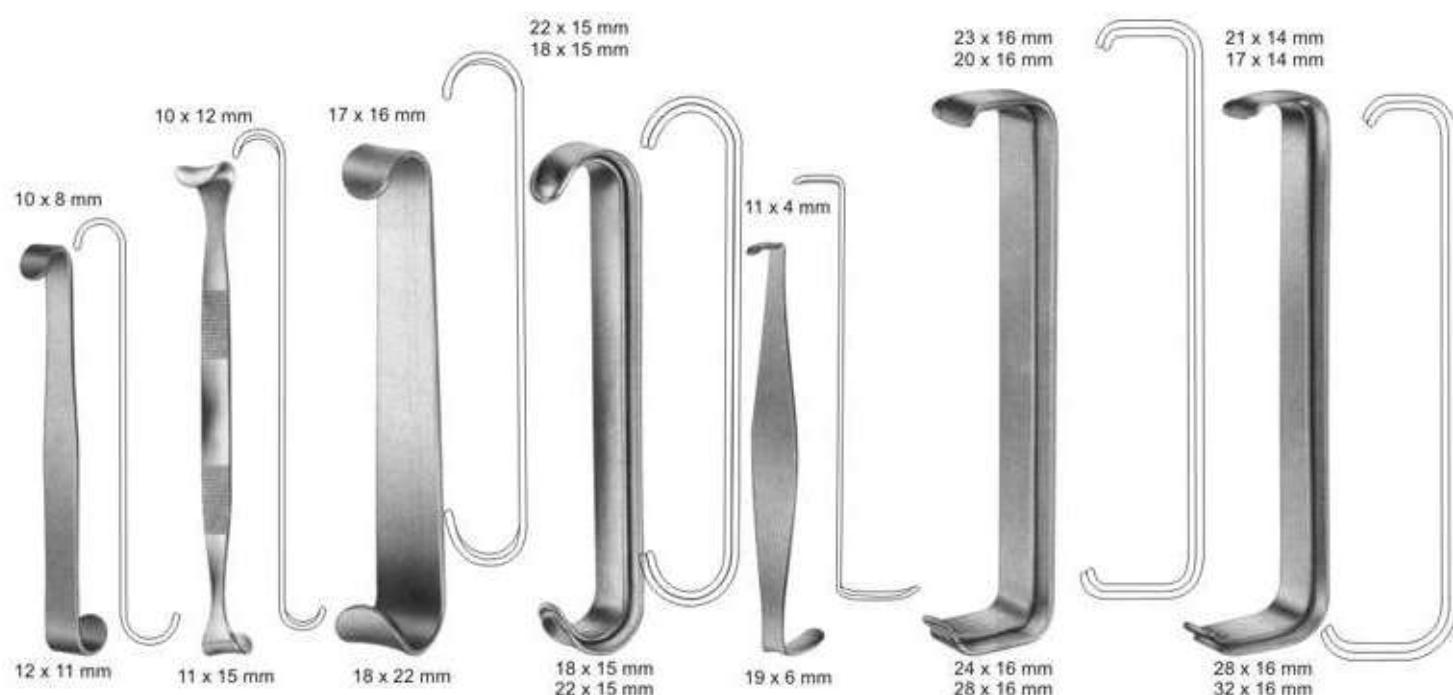


06-169 - 06-170
BABY-SENN-MILLER
155 mm

06-171
SENN-MILLER
165 mm

06-172
COLLIN-HARTMANN
150 mm

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



06-177
LUER
110 mm

06-178
ROSE
130 mm

06-179
BABY-ROUX
135 mm

06-180
PARKER
135 mm

06-181
CRILE
110 mm

06-182
FARABEUF
150 mm

06-183
COLLIN
150 mm



am rays

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



Blunt



06-189
9 x 8 mm



06-190
9 x 13 mm



06-191
9 x 19 mm



06-192
9 x 29 mm



06-193
8,5 x 8 mm



06-194
8,5 x 13 mm



06-195
8,5 x 19 mm



06-196
8,5 x 29 mm

Retractors



06-197
15 x 15 mm
220 mm



06-198
20 x 22 mm
215 mm



06-199
28 x 28 mm
235 mm

06-197 - 06-199
MIDDELDORPF



1/4



1/4



1/4



67 x 17 mm

1/4

06-201
CASPAR
210 mm



1/2

06-200
BUCHS
205 mm



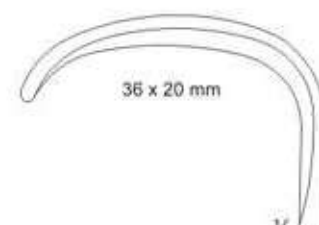
38 x 18 mm

1/4



1/2

06-202
KOCHER
230 mm



36 x 20 mm

1/4

Retractors, Vario Retractor System

06-203 80 x 20 mm



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



06-210
Handle with cold
light carrier for
retractor blades,
280 mm

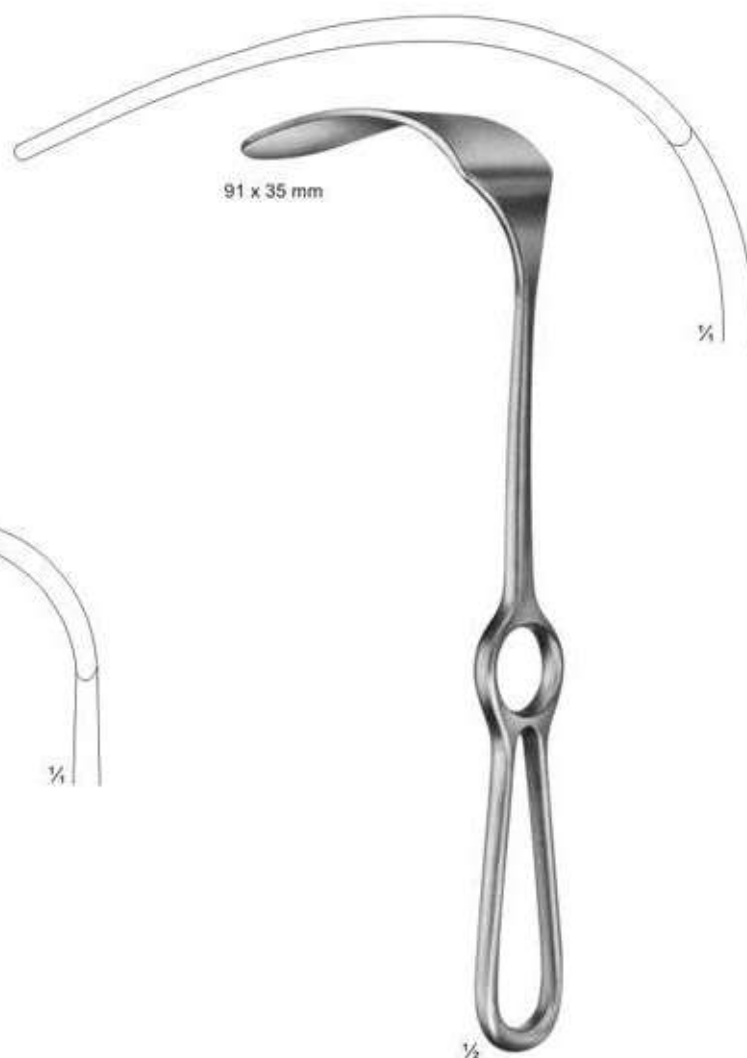


Handle arrange-
ment verriable

Retractors, Lung Spatulas



Retractors for deep surgery (Abdominal Retractors)



06-217
MIKULICZ
250 mm



06-216
MIKULICZ
255 mm



am rays

Retractors, Abdominal Retractors



Abdominal- and Intestinal Spatulas Bauch- und Darmspatel



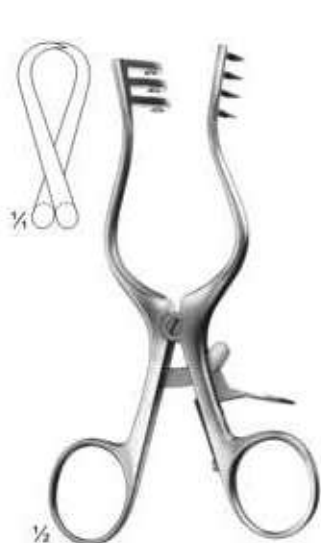
06-235
LERICHE
255 mm

06-236
KUMMEL
Mealleable
285 mm

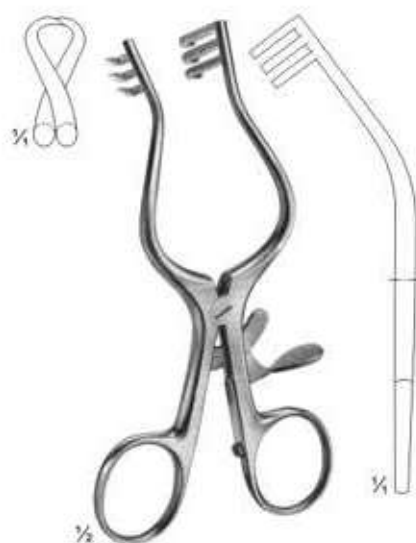
06-237
MIKULICZ
29 mm
250 mm

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

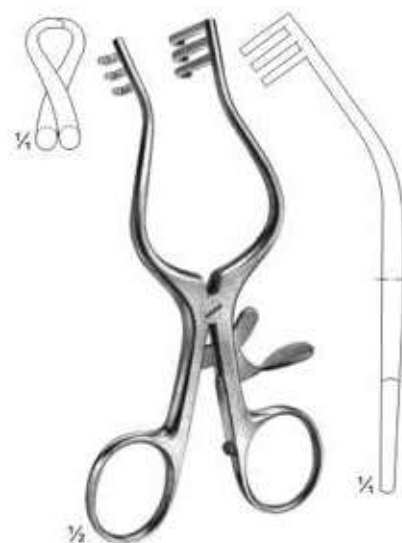
Self-Retaining Retractors



06-240
WEITLANER
sharp
130 mm



06-241
WULLSTEIN
sharp
130 mm



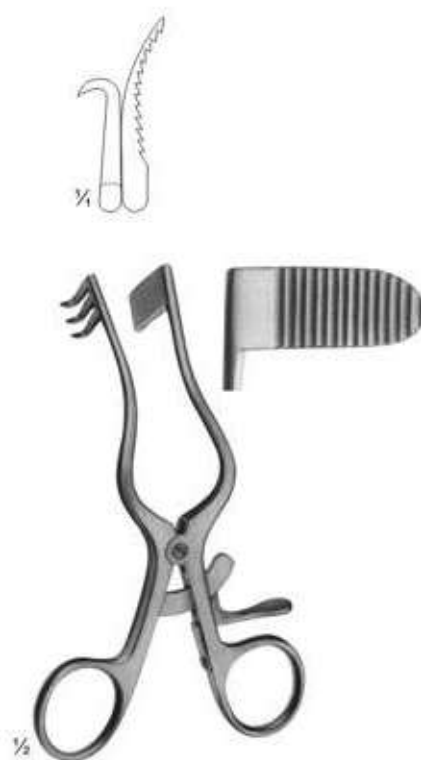
06-242
WULLSTEIN
blunt
130 mm



06-243
WEITLANER
sharp
165 mm



06-244
PLESTER
blunt
110 mm



06-245
PERKINS
130 mm



am rays

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



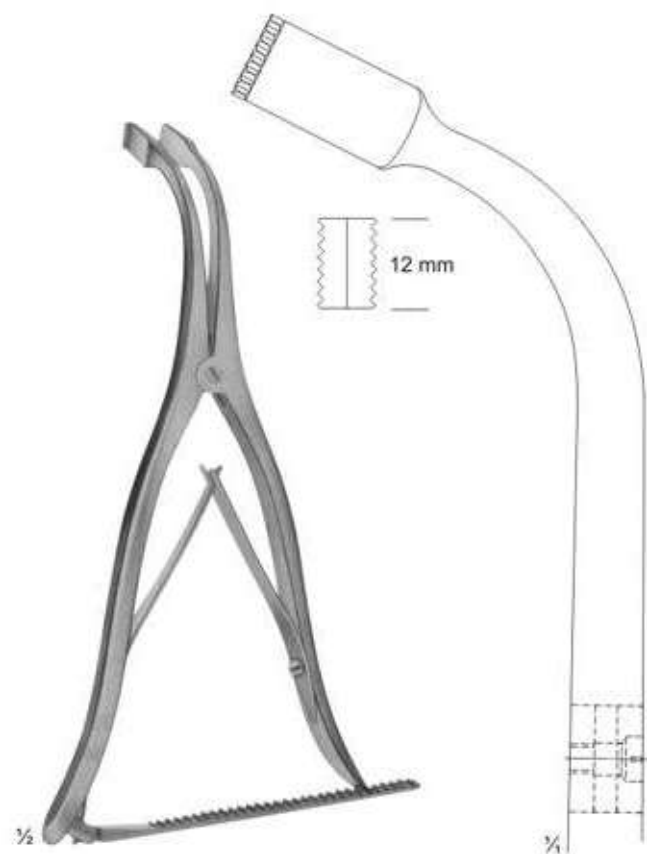
06-251
CLOWARD
155 mm



06-252
CLOWARD
135 mm

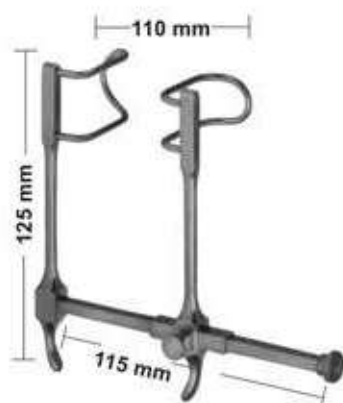


06-253
INGE
170 mm

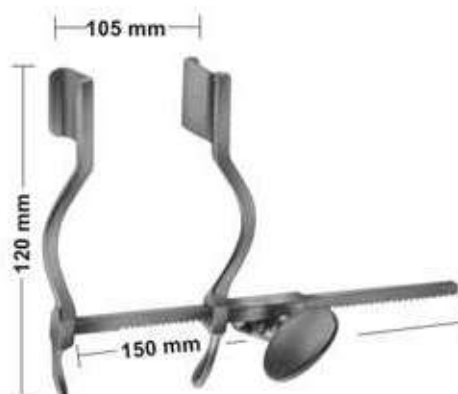


06-254
INGE
275 mm

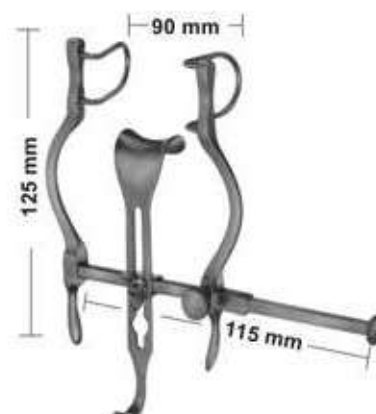
Abdominal Retractors



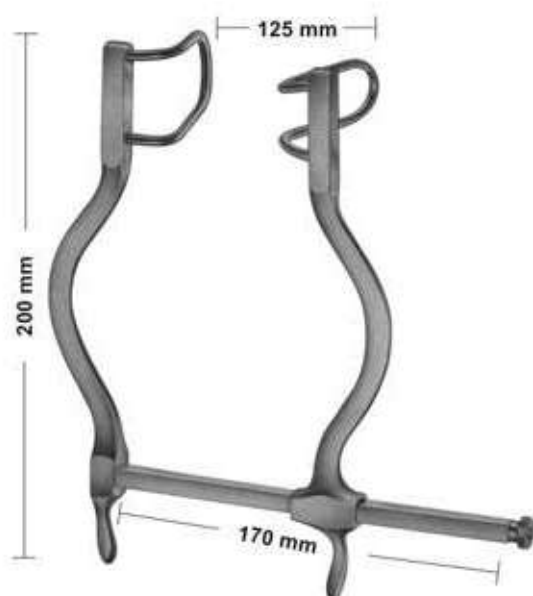
06-255
GOSSET
Blades: 38 mm deep



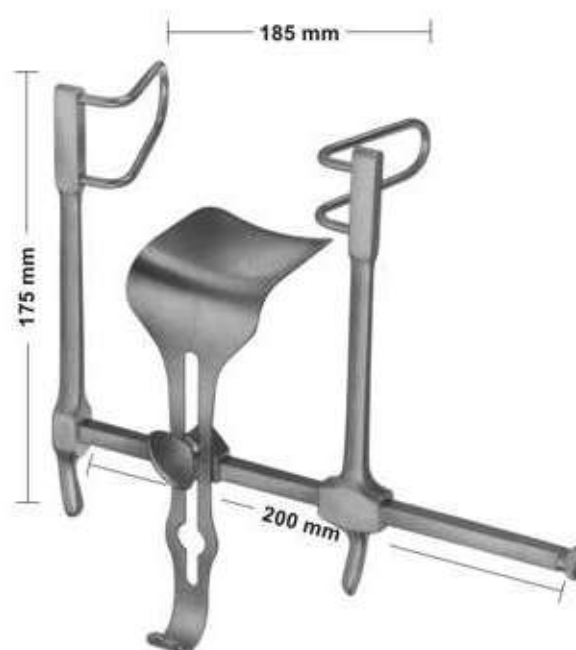
06-256
HERTZLER
Blades 20 X 25 mm



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



06-258
GOSSET
Blades: 55 mm deep

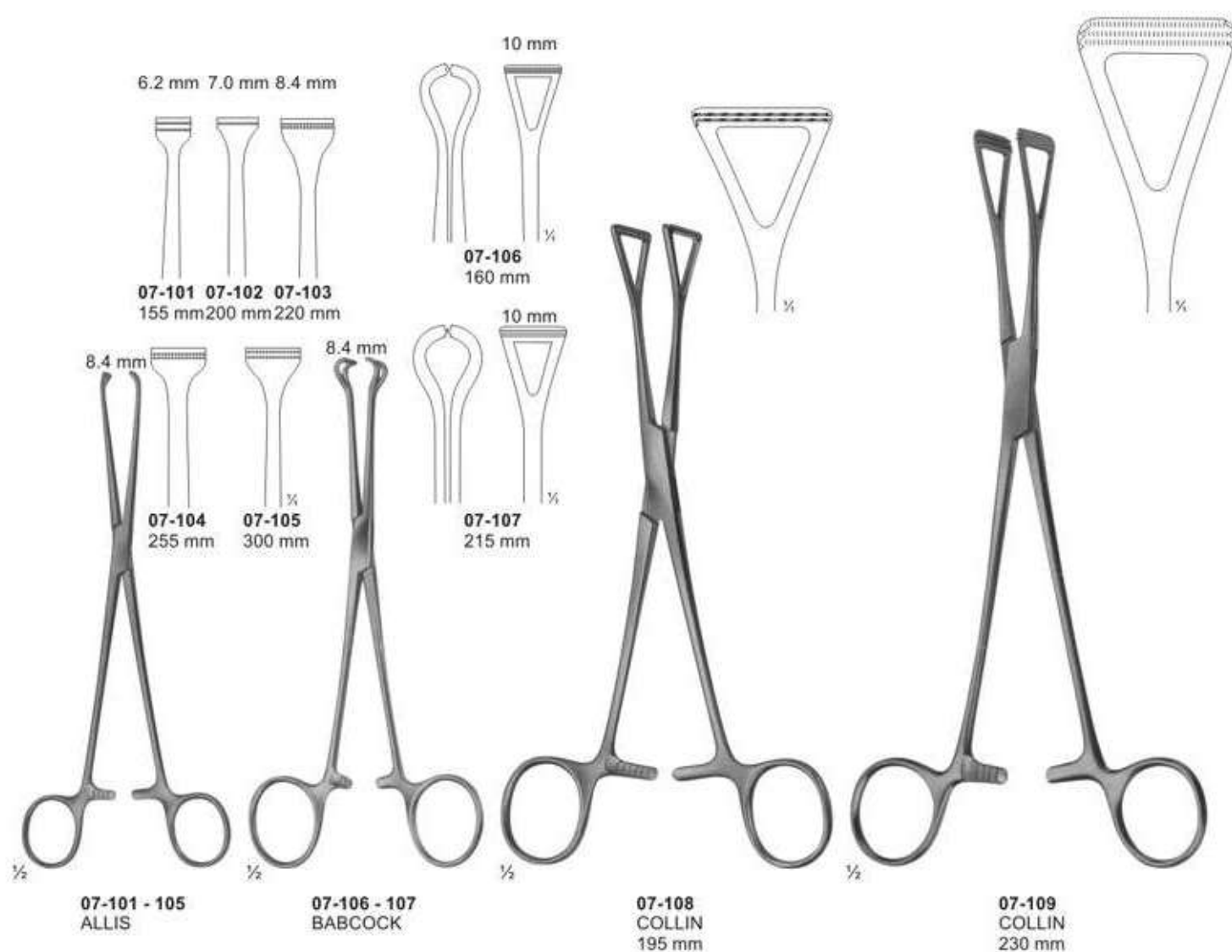


06-259
GOSSET
Lateral blades 58 mm deep
Center blade 59 x 57 mm



am rays

Organ-, Tissue and Intestinal Grasping Forceps

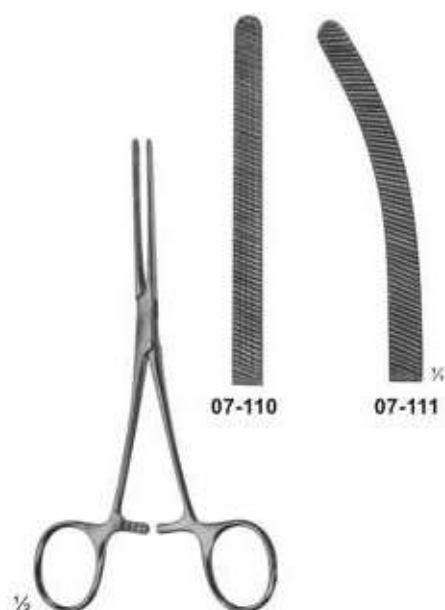




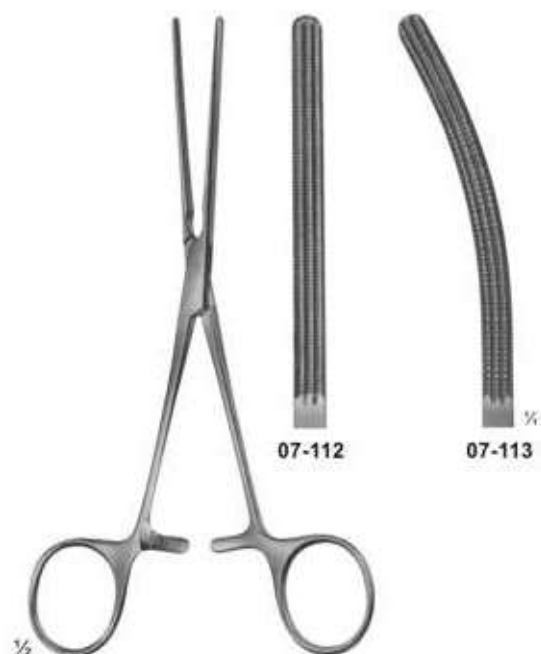
am rays

Intestinal Clamps, soft elastic

ATRAUMATA

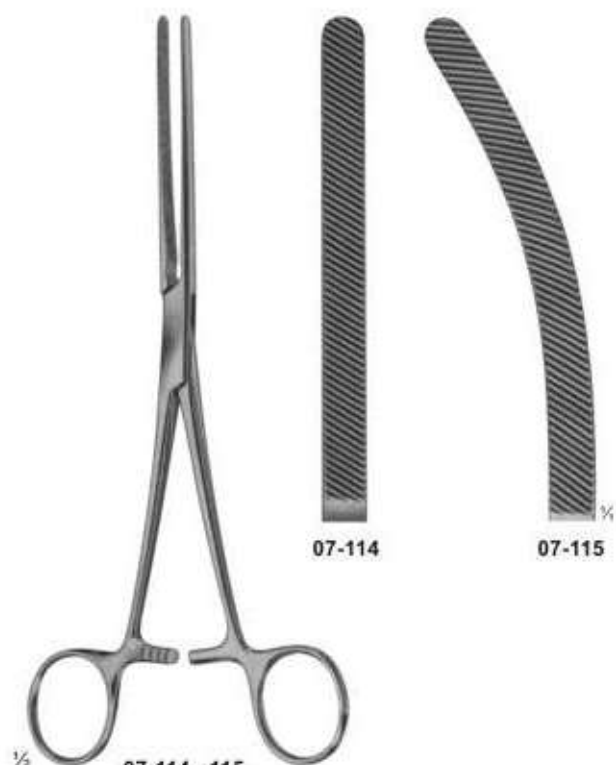


07-110 - 111
DOYEN
elastic
165 mm



07-112 - 113
DOYEN
with elastic blades
170 mm

ATRAUMATA



07-114 - 115
HARTMANN
with elastic blades
200 mm



07-116 - 117
HARTMANN
with elastic blades
200 mm



am rays

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

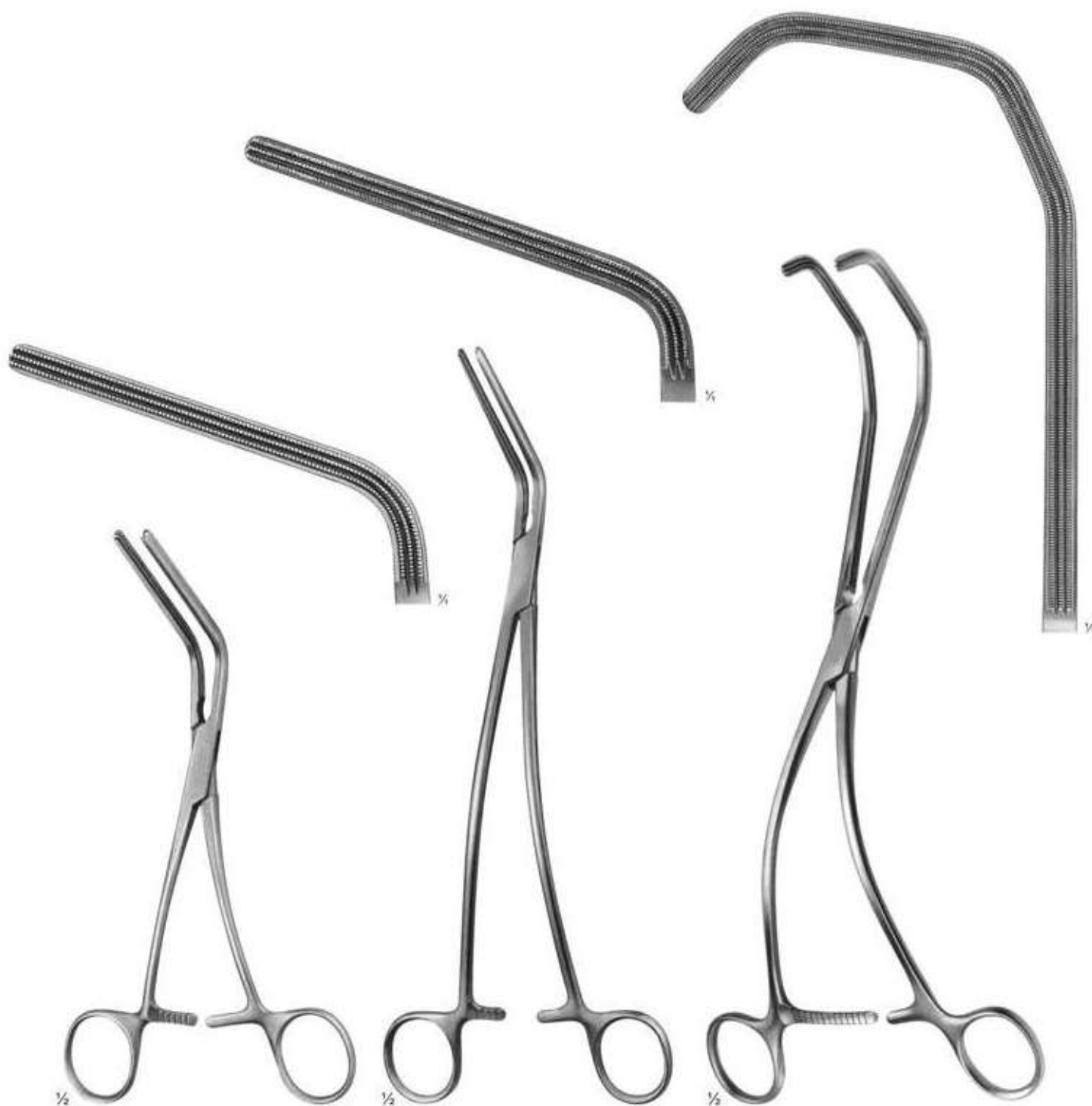
07-121
PAYR
Pylorus clamp
315 mm



am rays

ATRAUMATA

Sigmoid Anastomosis Forceps



07-122
MORRIS
175 mm

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

07-124
KERSTING
270 mm

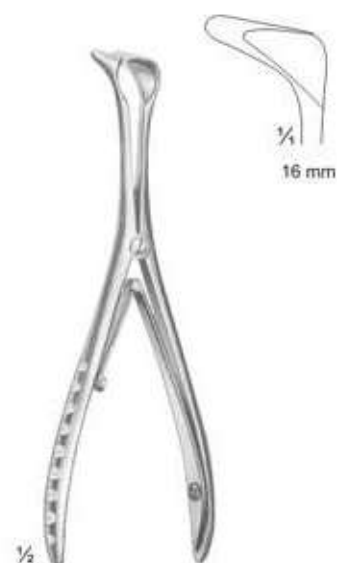
Nasal Specula



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



08-102
SIMS
160 mm



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



08-104
Killian

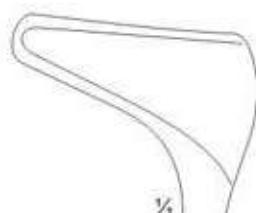


Fig. 1
14 cm 5 4/8"
35 mm

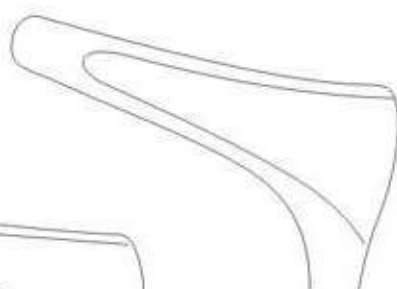


Fig. 2
14,5 cm / 5 4/8"
50 mm

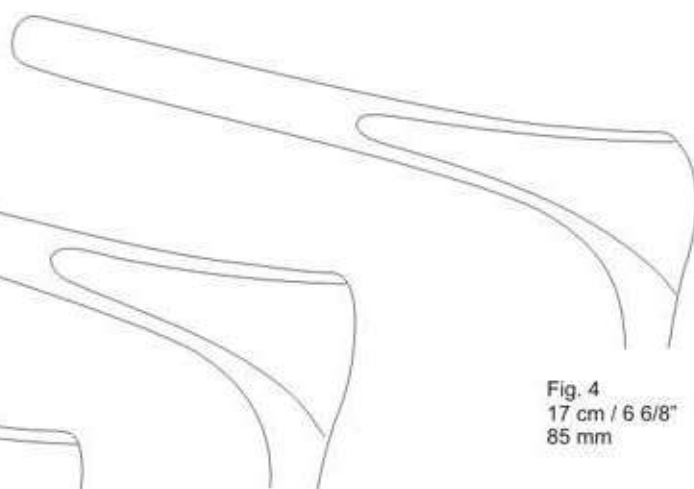


Fig. 3
16 cm / 6 2/8"
75 mm

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

Nasal Specula



08-105
Cottle

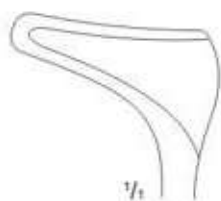


Fig. 1
13,5 cm / 5 3/8"
35 mm



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

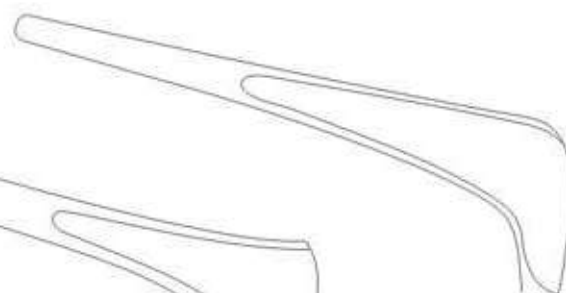


Fig. 3
16 cm / 6 2/8"
75 mm

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



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



Fig. 1
21,0 x 9,5 mm



Fig. 2
21,0 x 10,5 mm



Fig. 3
21,0 x 11,5 mm



08-107
Mod. Wien
13,5 cm / 5 3/8"



30 mm



08-108
Hartmann-Halle
16 cm / 6 2/8"



Fig. 1
27 mm

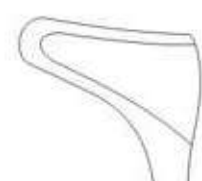


Fig. 2
31 mm

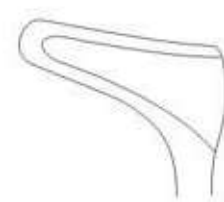


Fig. 3
35 mm



am rays

Anusscopes-Sphincteroscopes



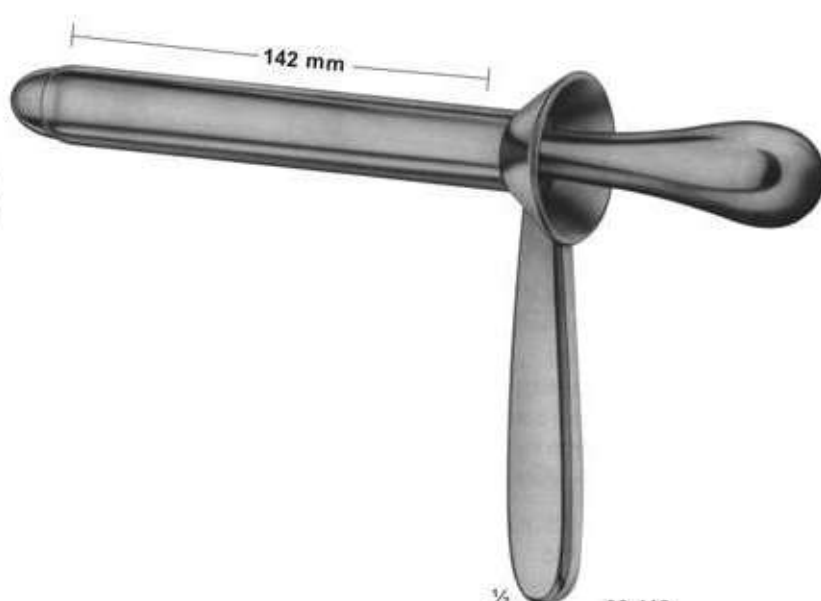
08-109
IVES-FANSLER
Anuscope
145 mm
Ø 24mm



08-110
KELLY
Sphincteroscope
160 mm
Ø 21mm



08-111
KELLY
Sphincteroscope
160 mm
Ø 27mm



08-112
KELLY
Proctoscope
140 mm
Ø 22mm

Haemorrhoidal Forceps

ATRAUMATA



08-113

08-114

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



08-115

08-116

08-115 - 08-116
FERGUSSON
200 mm

Pressure Clamp



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

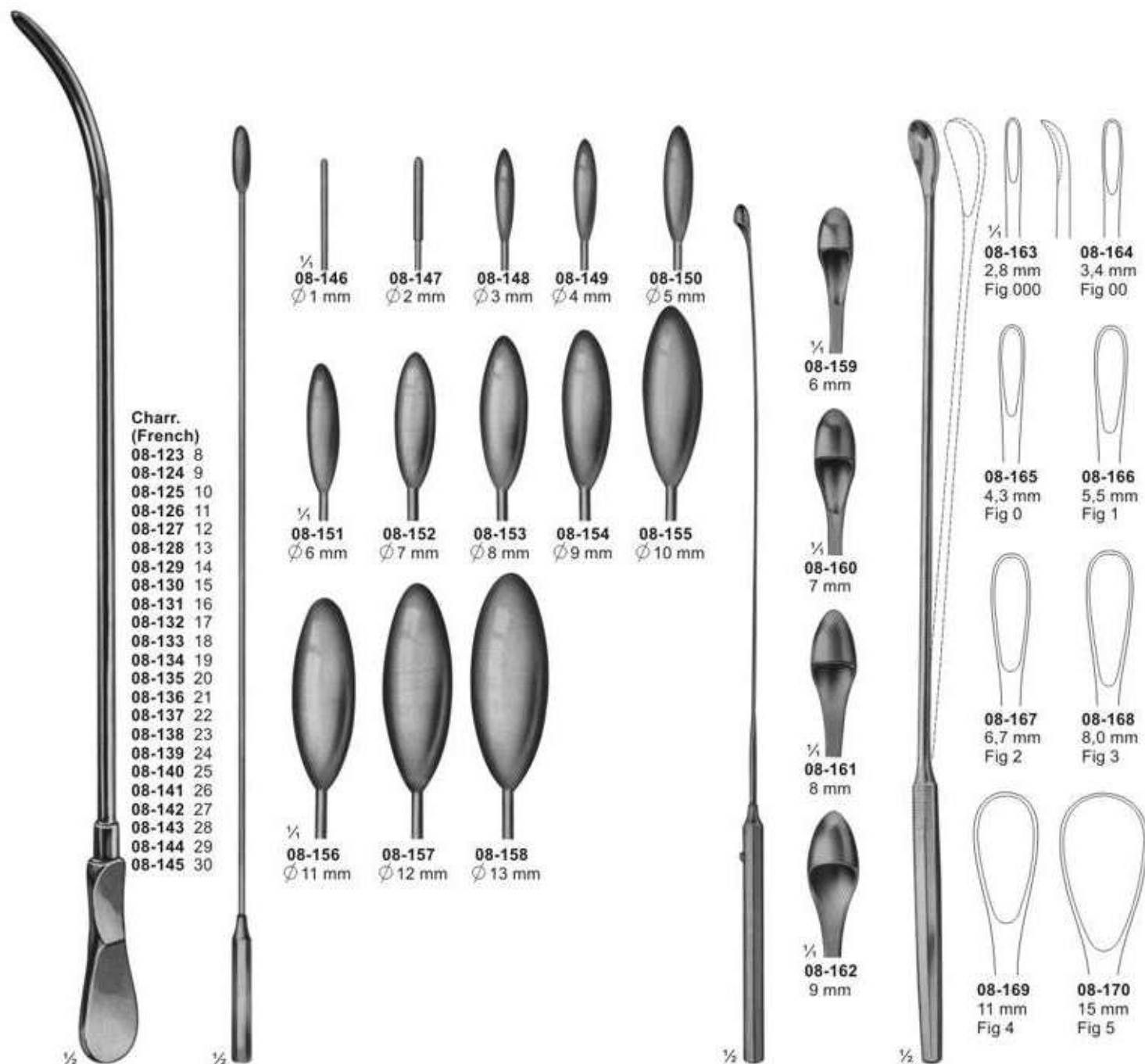


08-121
DESJARDINS
Gall duct-and cystic forceps
210 mm



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

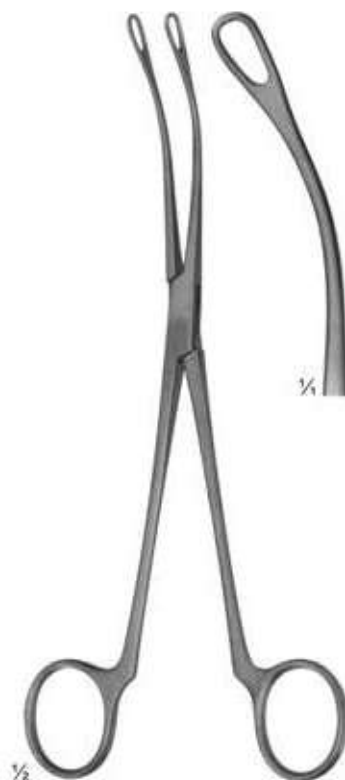


am rays

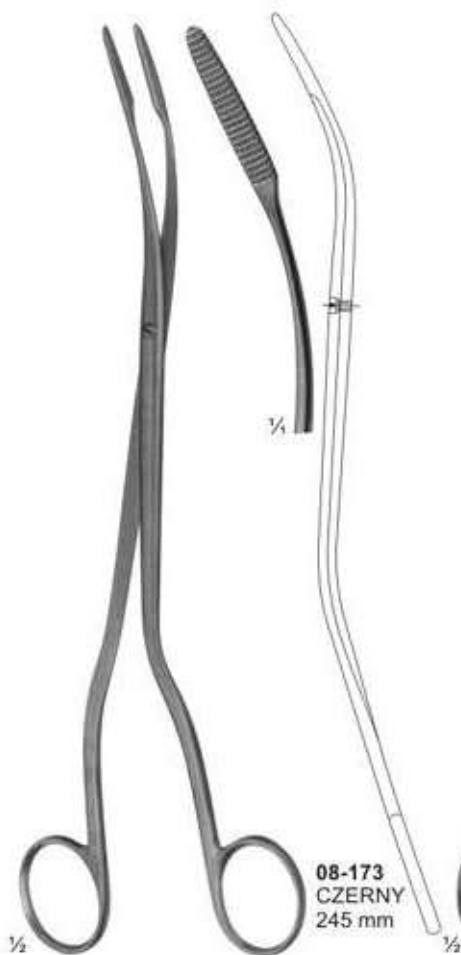
Gall Stone Forceps



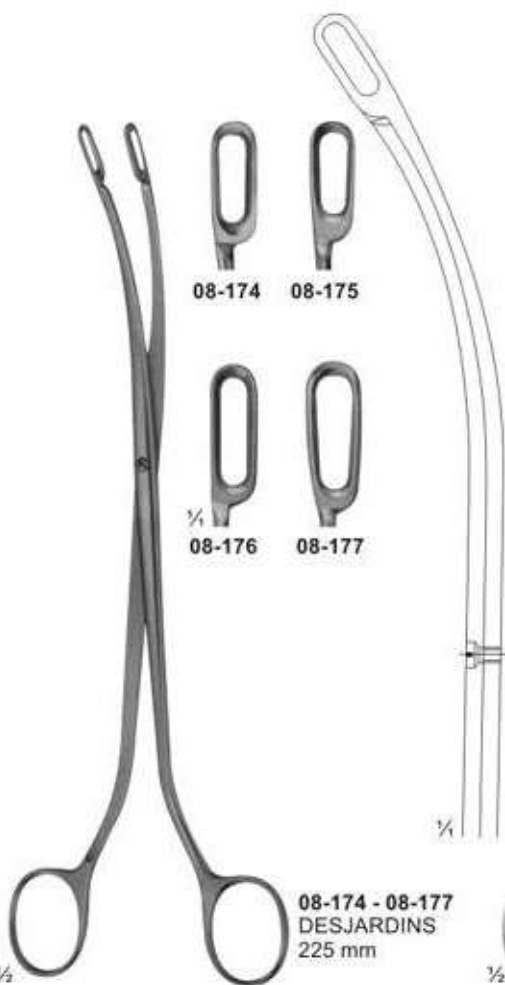
**08-171
BLAKE
205 mm**



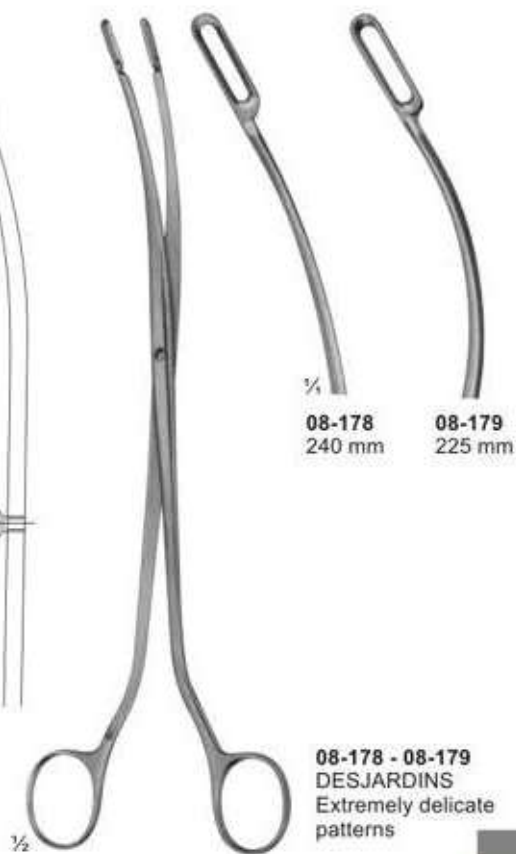
**08-172
BLAKE
205 mm**



**08-173
CZERNY
245 mm**



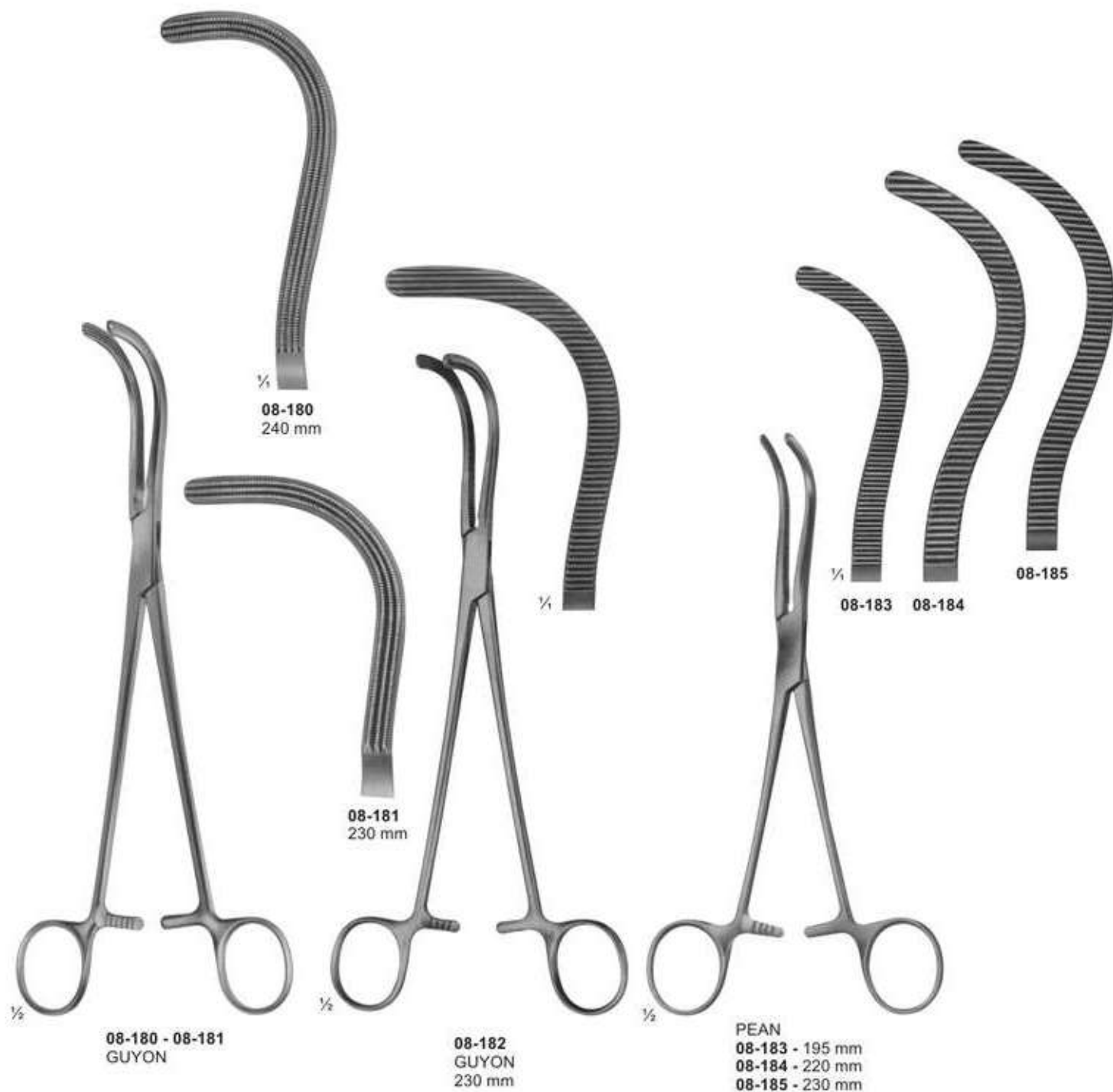
**08-174 - 08-177
DESJARDINS
225 mm**



**08-178 - 08-179
DESJARDINS
Extremely delicate
patterns**

Kidney Clamps

ATRAUMATA



Kidney Stone Forceps



08-186



08-187



08-188



08-189



08-186 - 08-189
RANDALL
225 mm



08-190



08-191

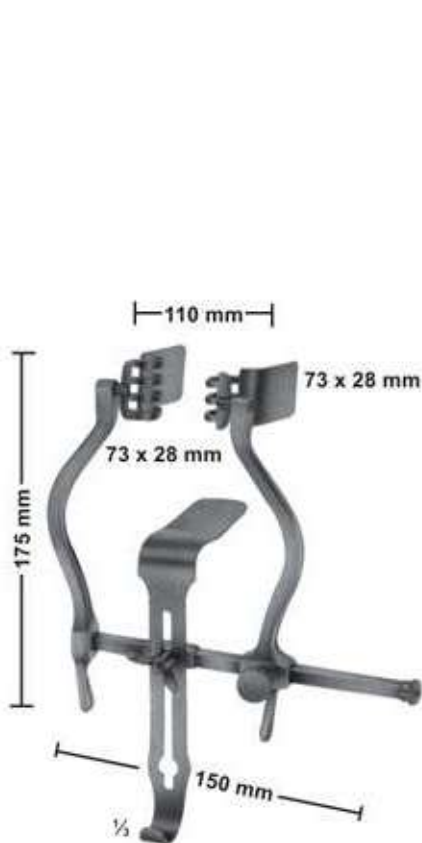


08-192



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



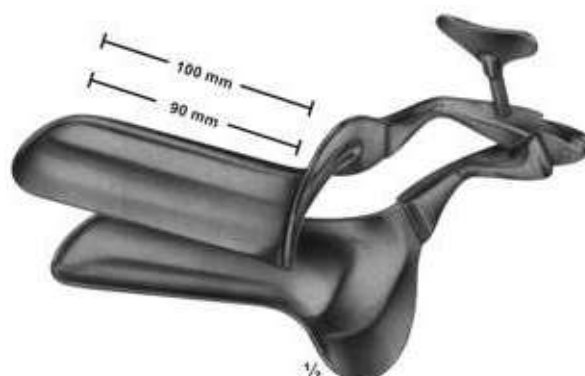


am rays

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



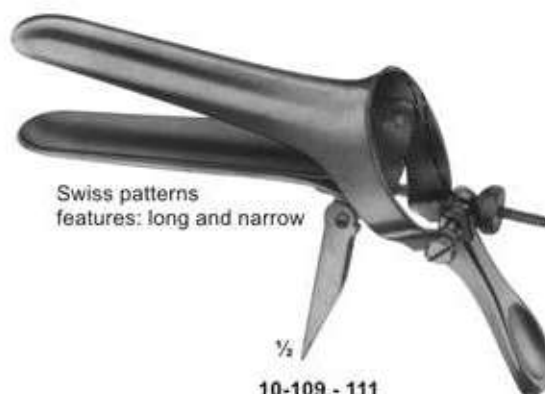
10-106
COLLIN
for virgins
95/85 x 18 mm



10-107
CUSCO
for virgins
75 x 17 mm



10-108
CUSCO
for virgins
75 x 17 mm



10-109 - 111
CUSCO

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



am rays

Vaginal Specula- Sets, upper and lower blades



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

1/2



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

1/2



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

1/2



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

1/2



1/2

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



1/2

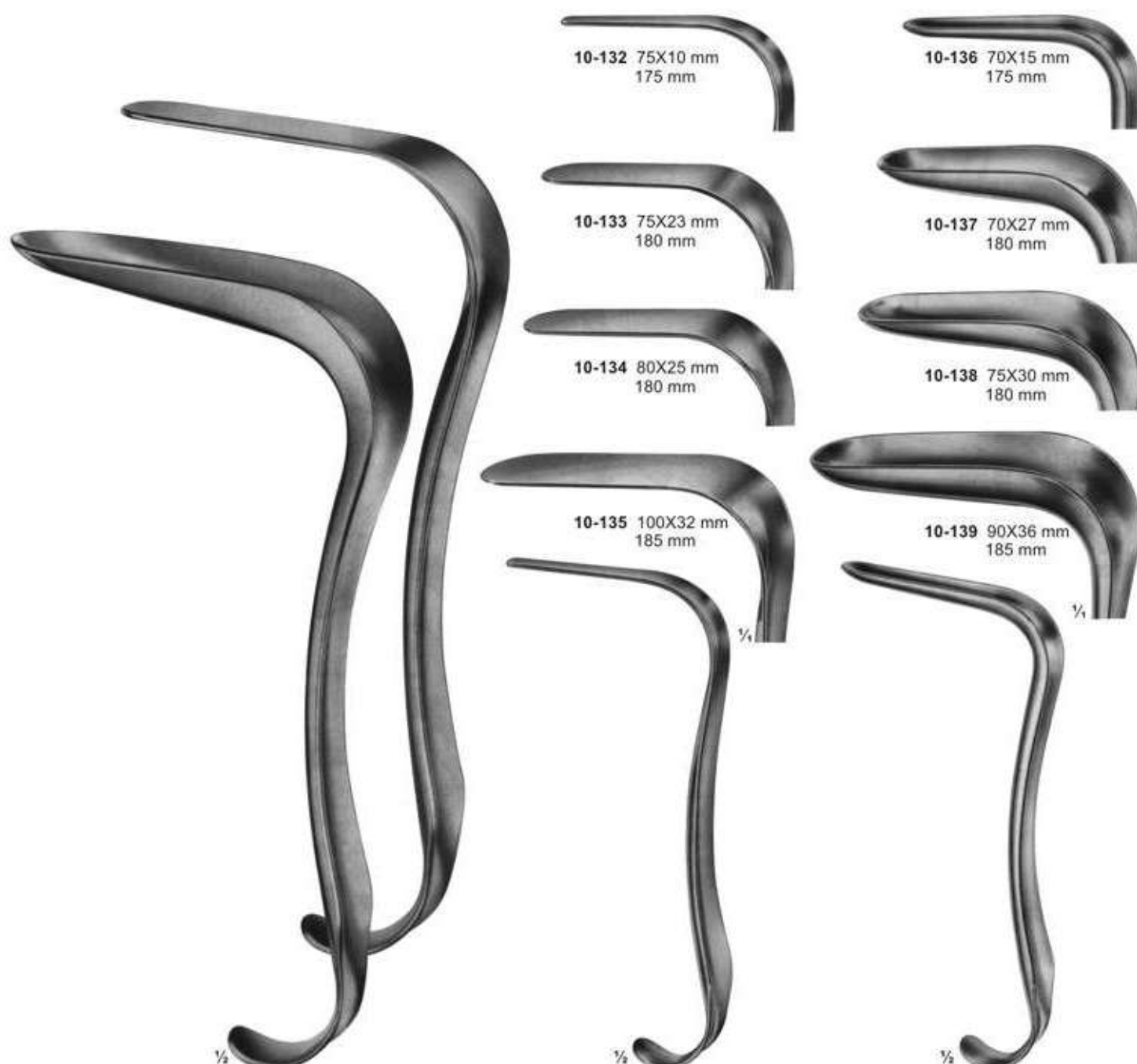
10-123
KRISTELLER
70X15 mm, (170 mm)
For children



1/2

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

Vaginal Specula- upper and lower blades



Vaginal Specula



10-140
60 X 45 mm



10-141
90 X 45 mm



10-142
112 X 45 mm

1/2



1/2



1/2

10-140 - 143
DOYEN
235 mm

width of blades
35 mm 45 mm 60 mm

length of blades
60 mm
90 mm
120 mm
160 mm

width of blades		
35 mm	45 mm	60 mm
10-143	10-146	10-150
10-144	10-147	10-151
10-145	10-148	10-152
	10-149	10-153

1/2

10-143 - 10-153
DOYEN
240 mm

Vaginal Retractors



10-154
JOLL (FRIEDMAN)
155 mm



10-155
RICHTER
170 mm



10-156
GELPI
135 mm



10-157
GELPI
175 mm

Uterine Dilators



1/2

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

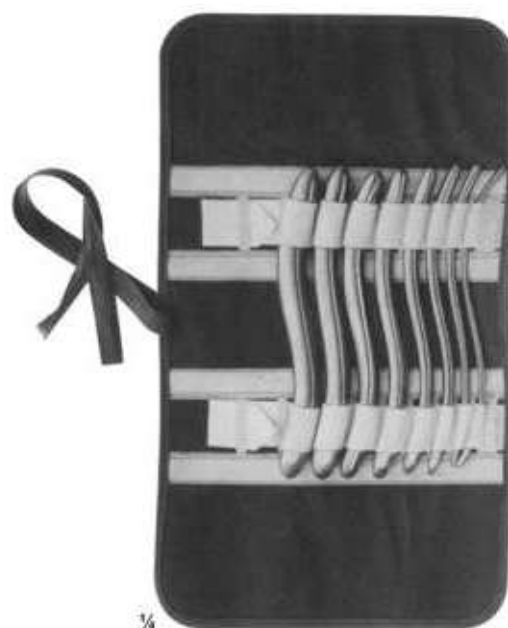
11-101	1	mm	11-123	23	mm
11-102	2	mm	11-124	24	mm
11-103	3	mm	11-125	25	mm
11-104	4	mm	11-126	26	mm
11-105	5	mm	11-127	1	1/2mm
11-106	6	mm	11-128	2	1/2mm
11-107	7	mm	11-129	3	1/2mm
11-108	8	mm	11-130	4	1/2mm
11-109	9	mm	11-131	5	1/2mm
11-110	10	mm	11-132	6	1/2mm
11-111	11	mm	11-133	7	1/2mm
11-112	12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



1/2

11-144 - 152
HEGAR
205 mm

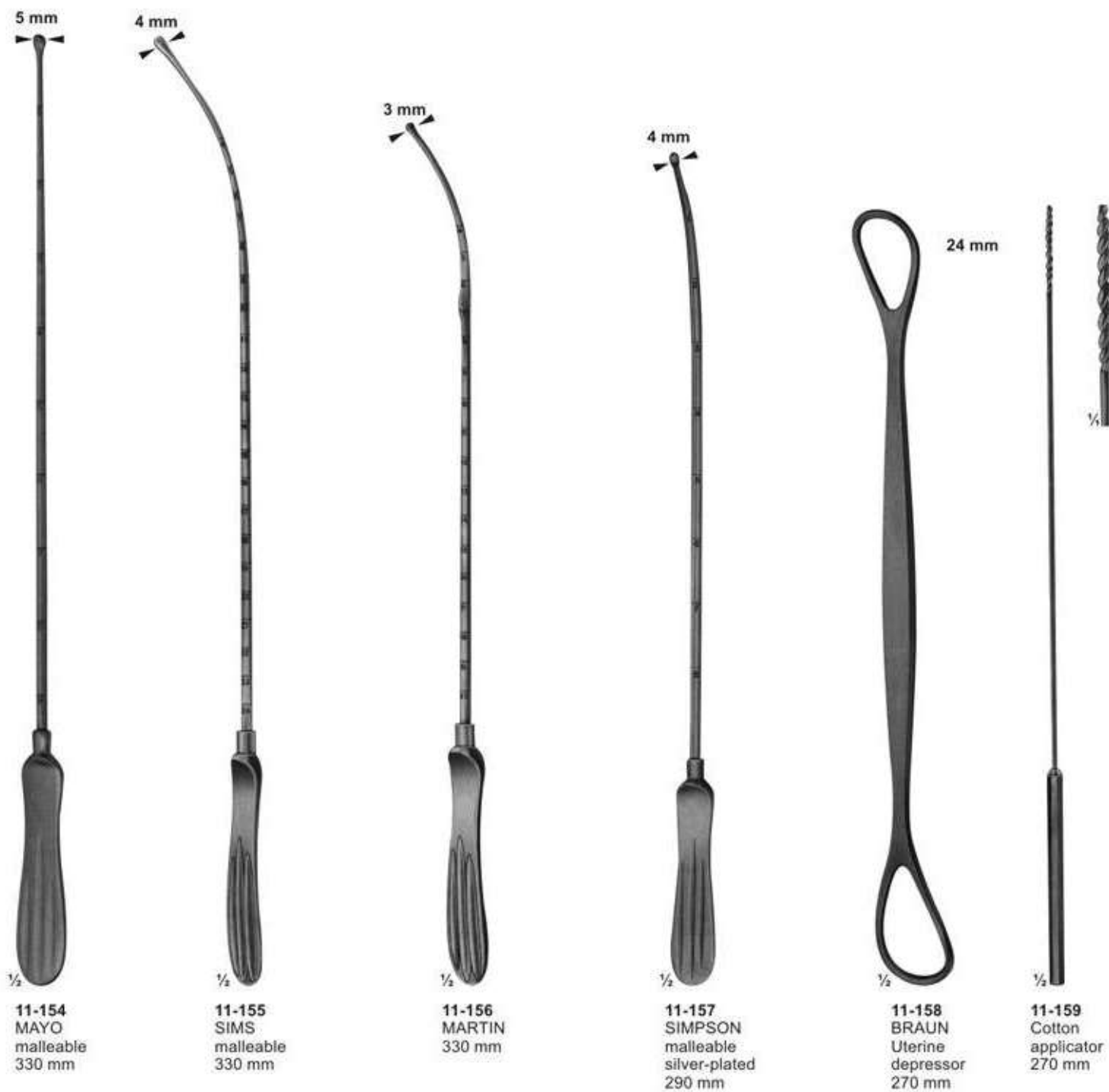
11-144	1+2	mm
11-145	3+4	mm
11-146	5+6	mm
11-147	7+8	mm
11-148	9+10	mm
11-149	11+12	mm
11-150	13+14	mm
11-151	15+16	mm
11-152	17+18	mm



1/4

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

Uterine Probes



Uterine Dressing Forceps



11-160
PELMANN
260 mm



11-161
PELMANN
260 mm



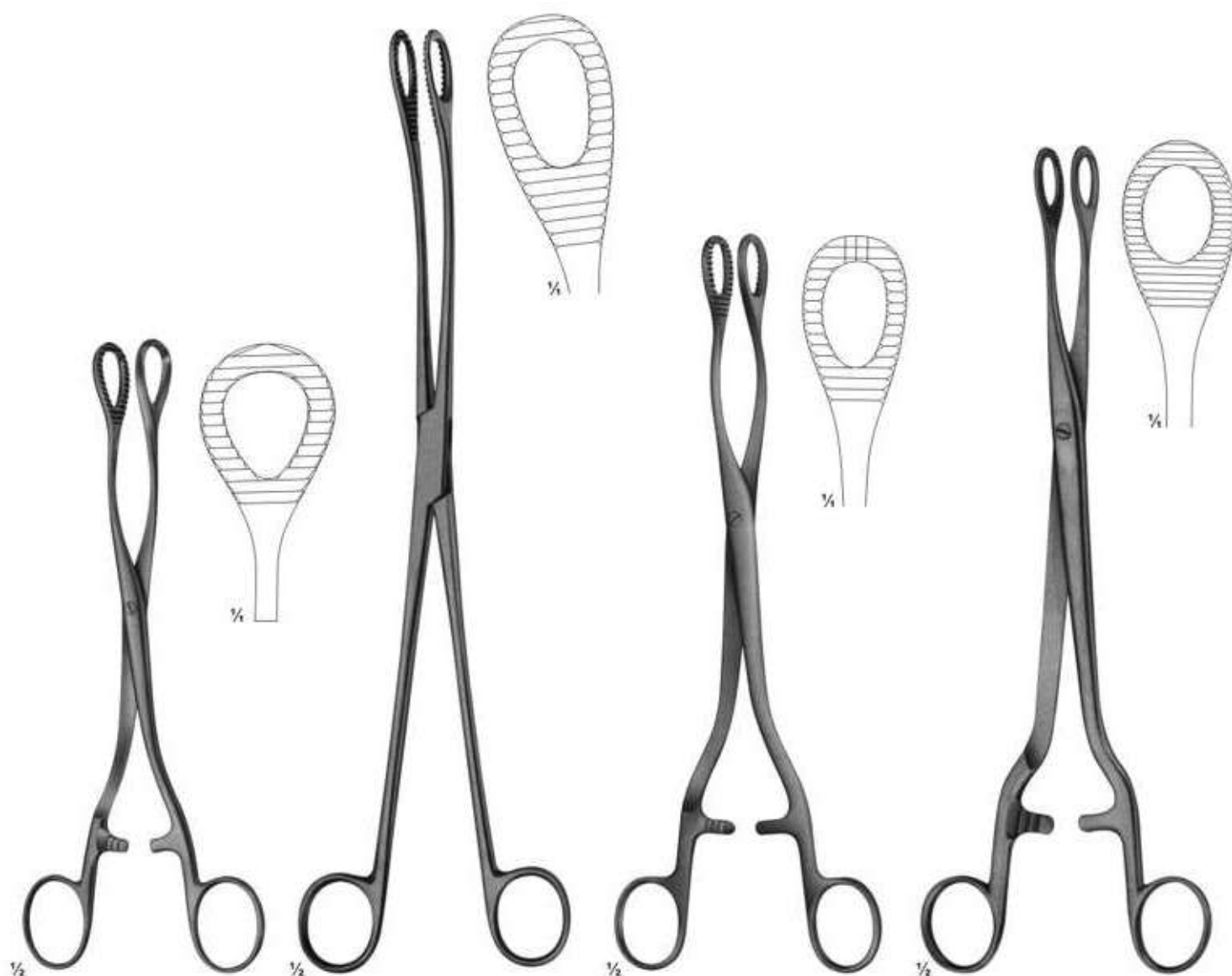
11-162
BOZEMANN
250 mm



11-163
BOZEMANN
255 mm

Jaws with longitudinal groove

Polypus-and Ovum Forceps



11-164
HEYWOOD-SMITH
200 mm

11-165
KELLY
320 mm

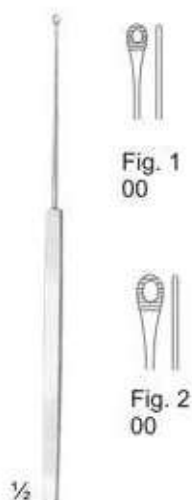
11-166
HEYWOOD-SMITH
250 mm

11-167
NOTO
280 mm

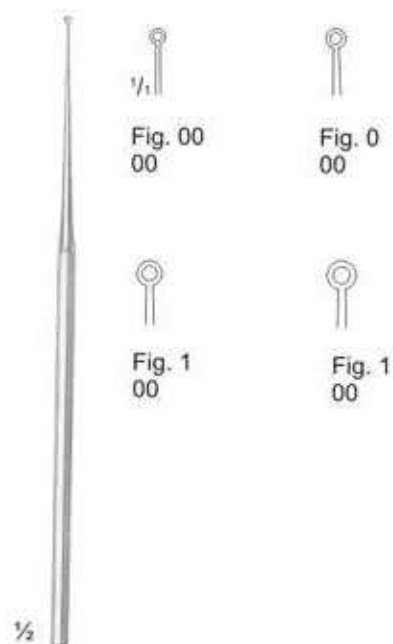
Ear Curettes



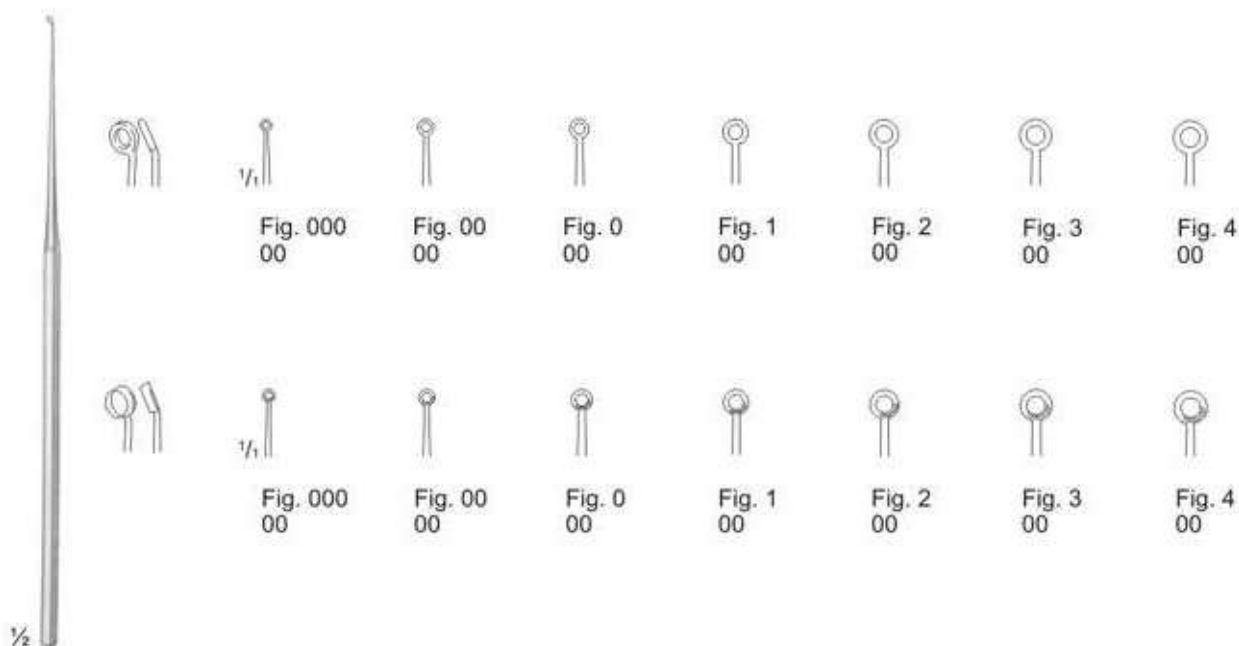
12-101
Langenbeck
13 cm / 5 1/8"



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

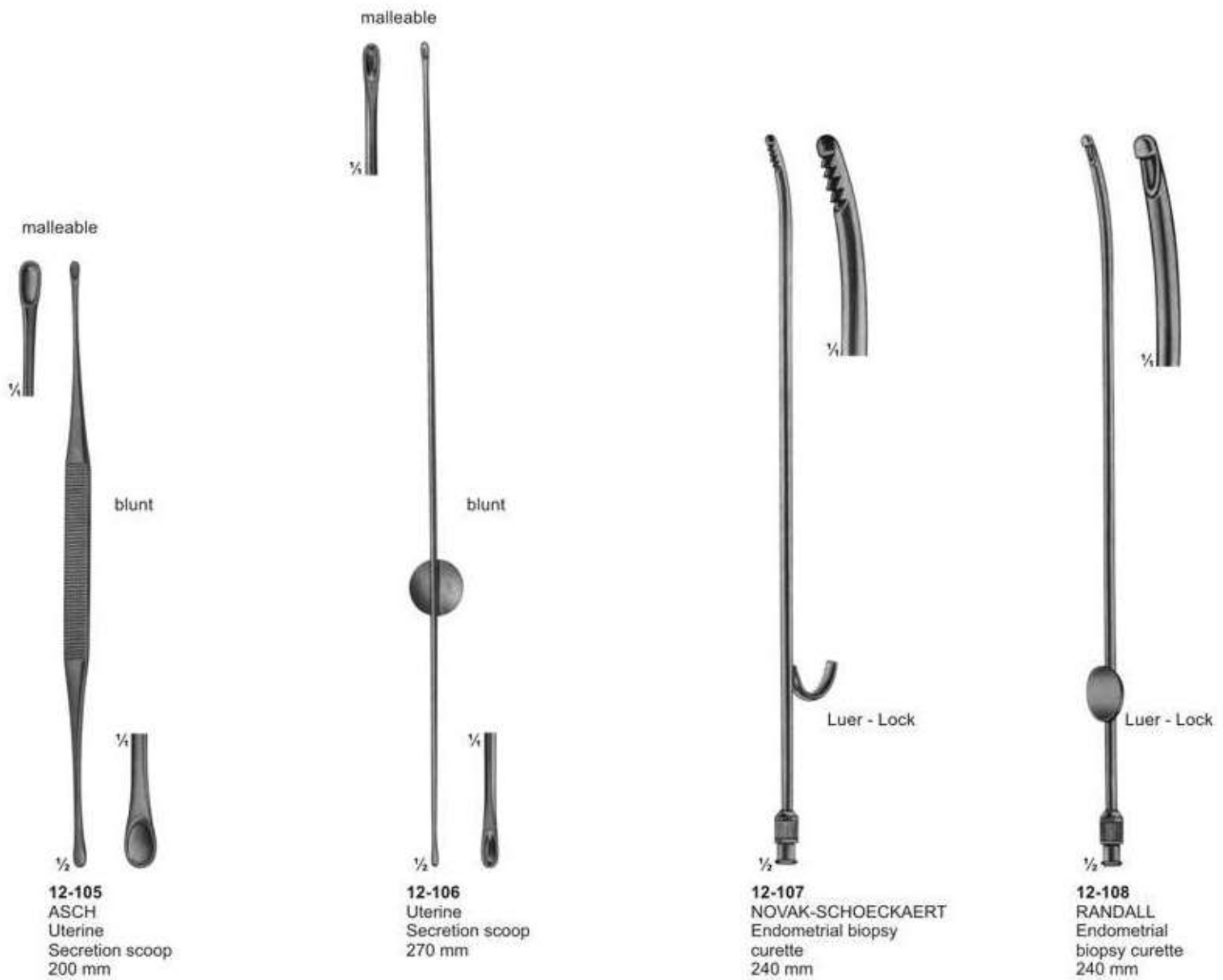


12-103
Buck
17cm / 6 6/8"



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

Biopsy Currettes



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

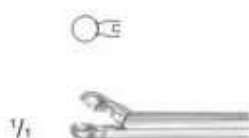


12-112
Hartmann
shaft length
85 mm



12-109 - 12-119

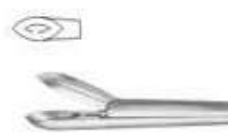
12-113
14 cm / 5 4/8"
shaft length
140 mm



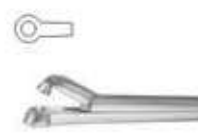
12-114
Hartmann-Herzfel
2,0 mm
shaft length
85mm



12-115
Hartmann
3 mm
shaft length
85mm



12-116
shaft length
85mm

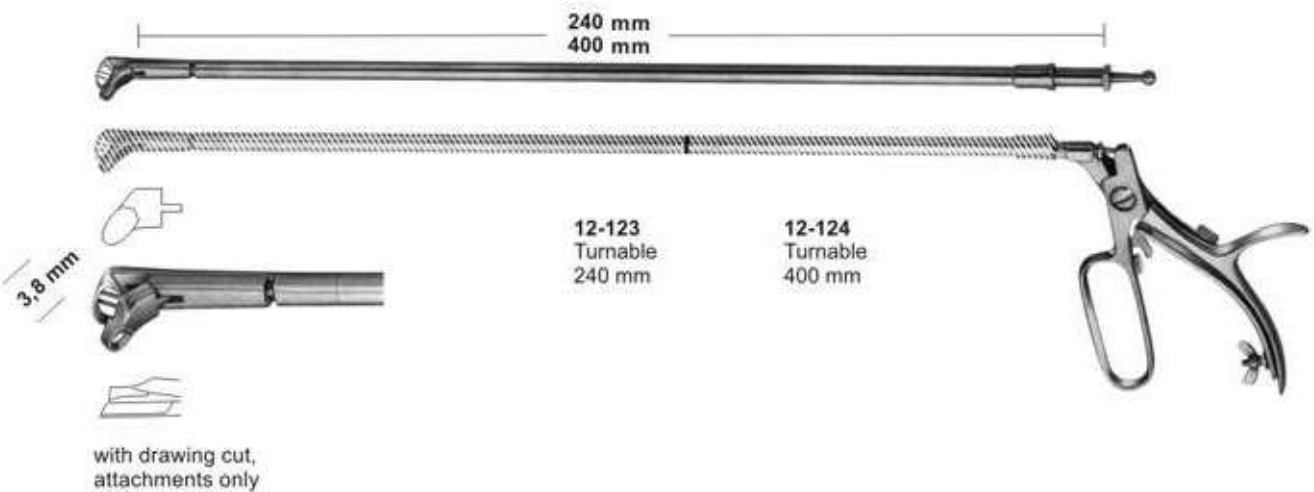
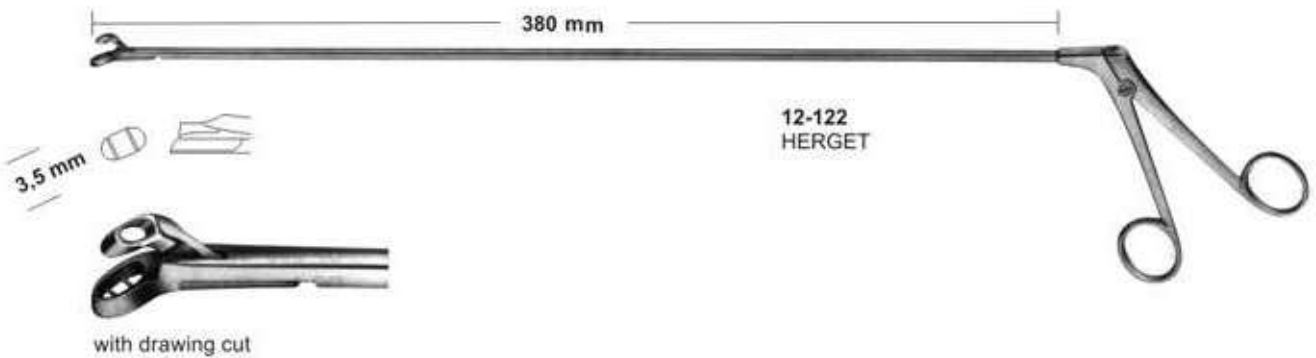
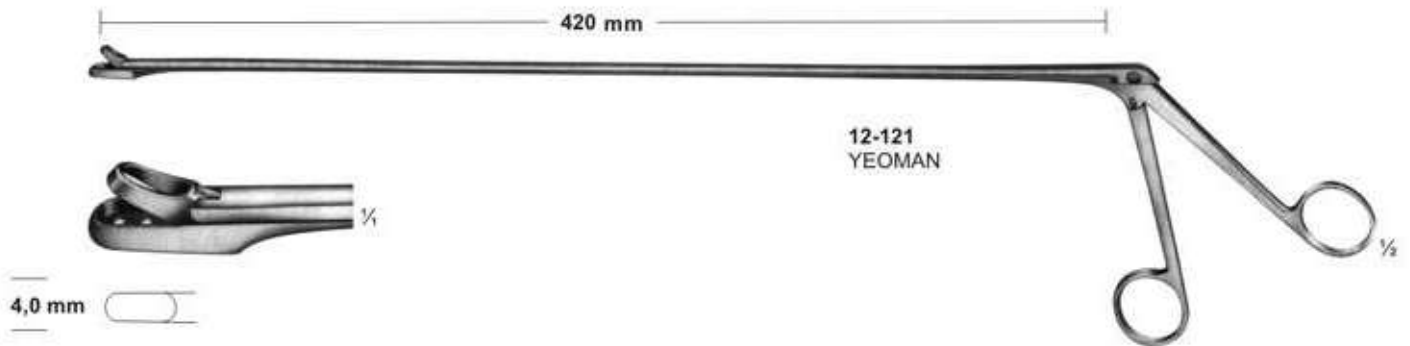
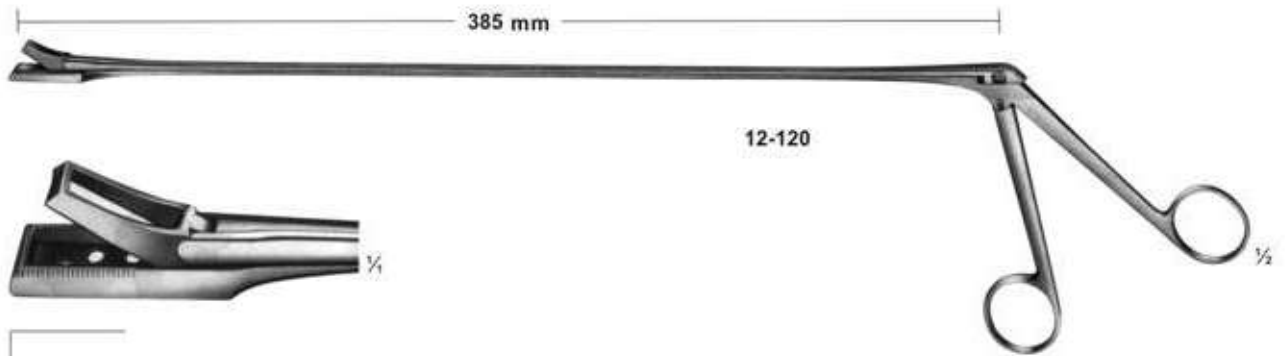


12-117
Hartmann-Hoffmar
2,0 mm
85mm

12-118
2,5 mm
85 mm

12-119
3,0 mm
85 mm

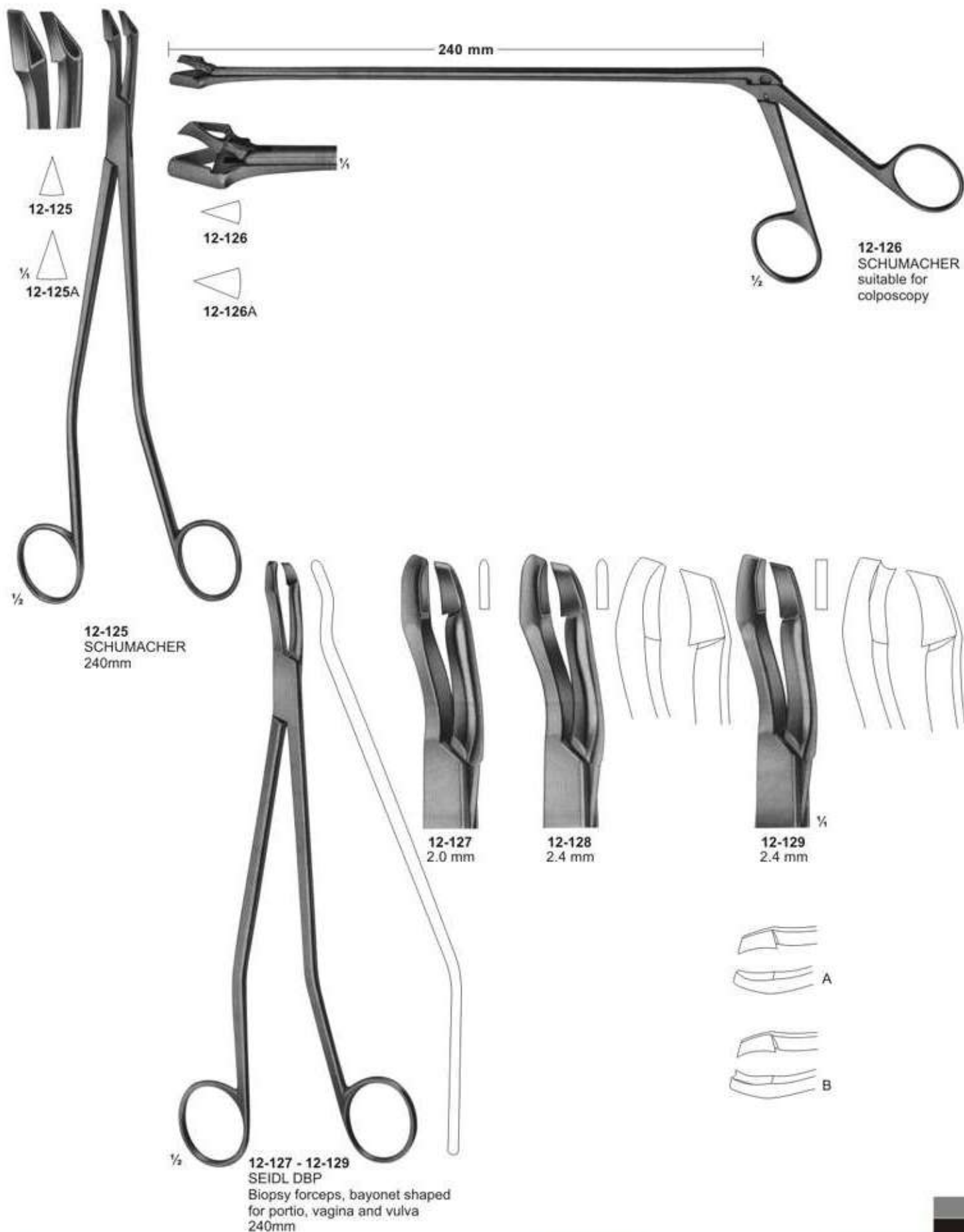
Biopsy forceps for rectum





am rays

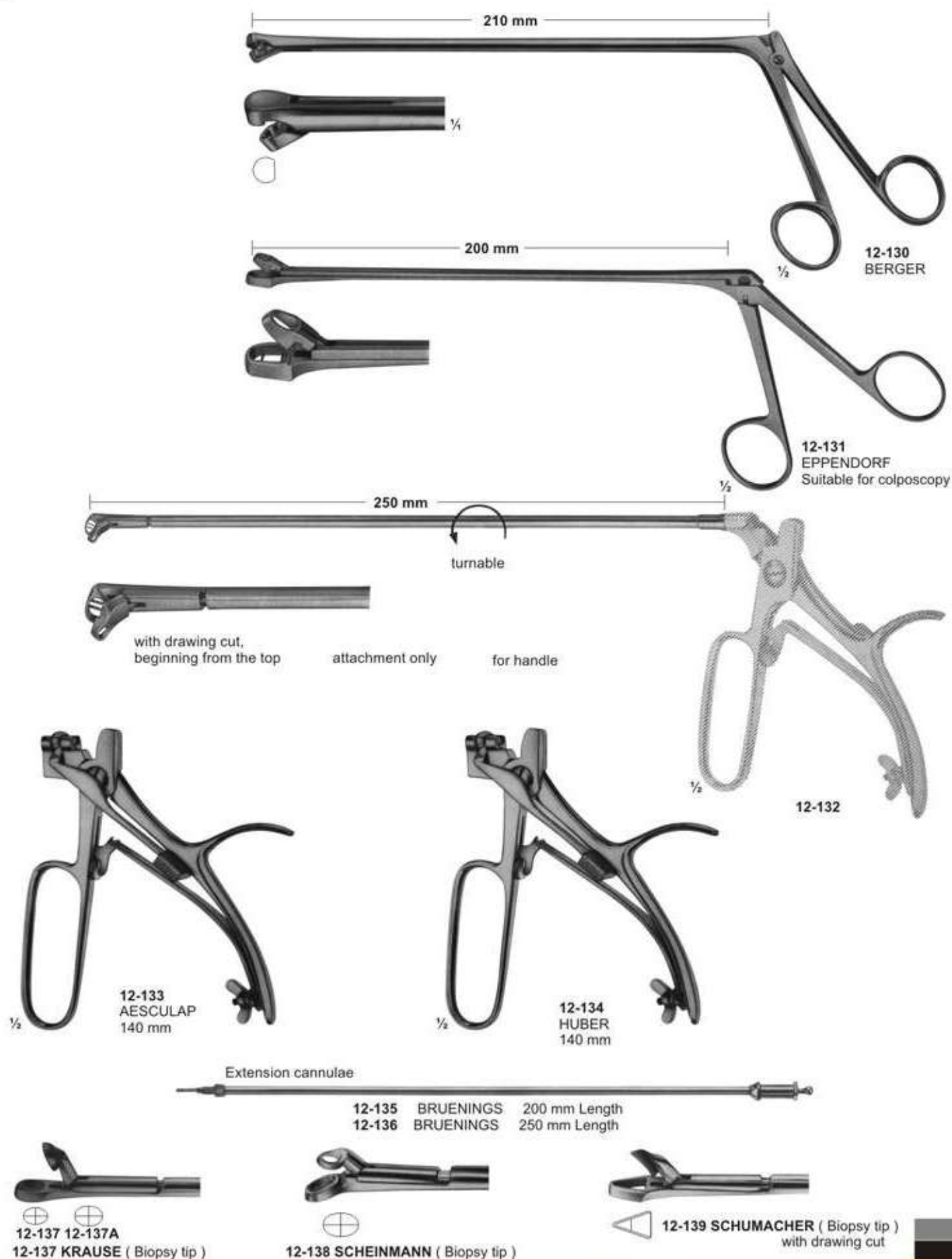
Biopsy Forceps





am rays

Biopsy Forceps



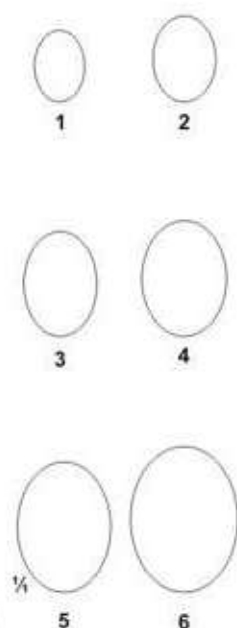


am rays

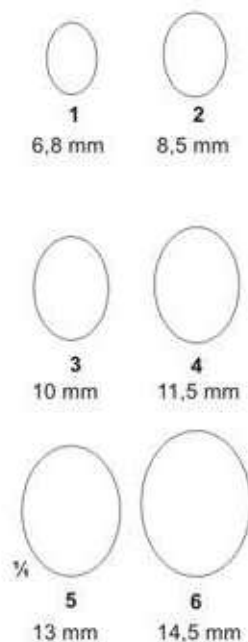
Uterine Scoops



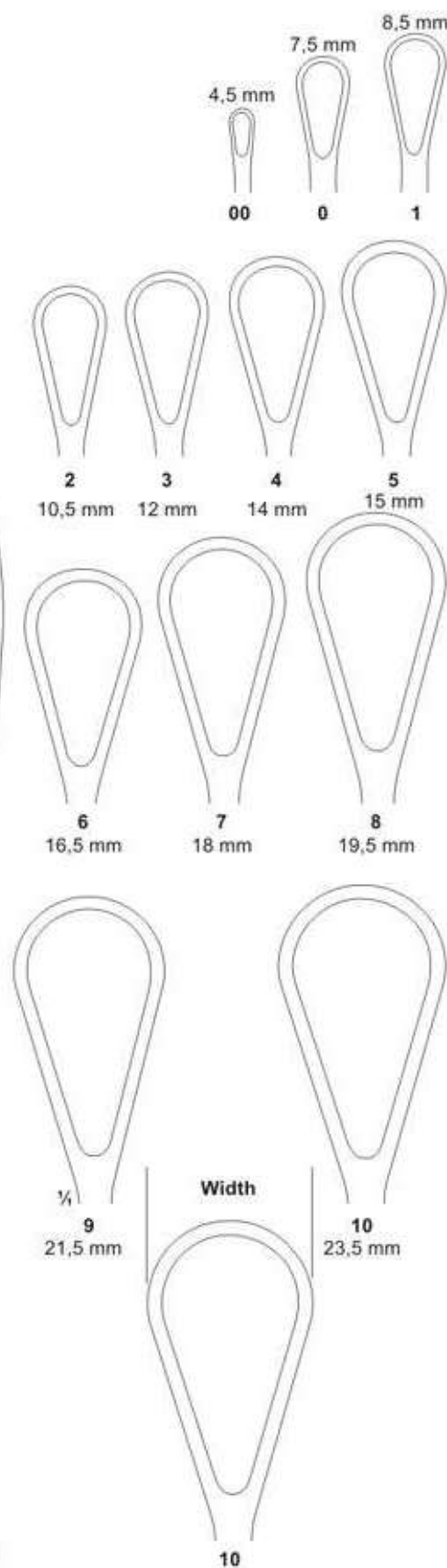
$\frac{1}{2}$
12-140
SIMON
240 mm



$\frac{1}{2}$
12-141
SCHROEDER
310 mm



$\frac{1}{2}$
12-142
RECAMIER
300 mm



Obstetrical Forceps



13-101
NAEGELE
355 mm

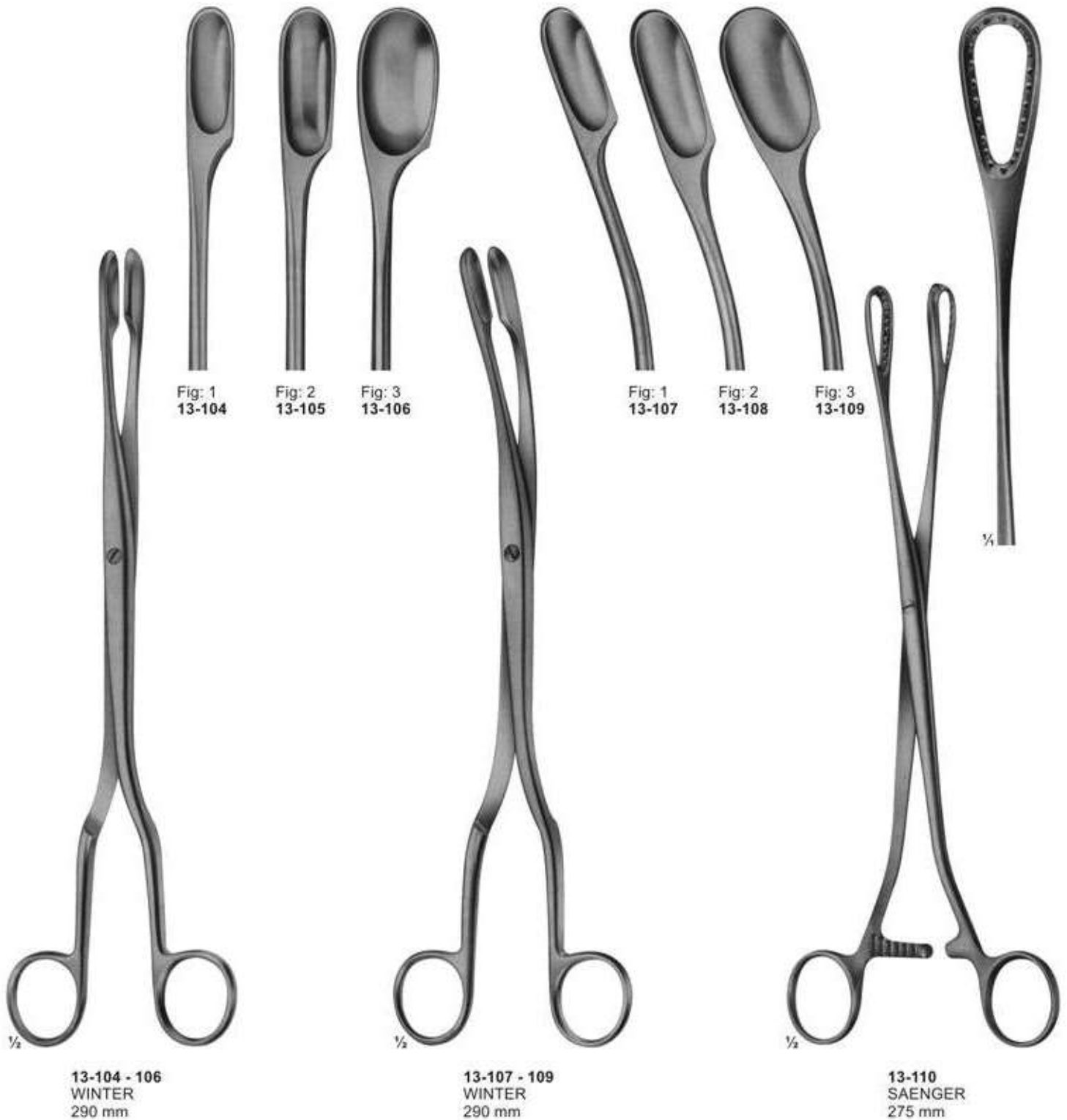


13-102
NAEGELE
400 mm



13-103
SIMPSON-BRAUN
305mm

Obstetrics- Placenta and Ovum Forceps





**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



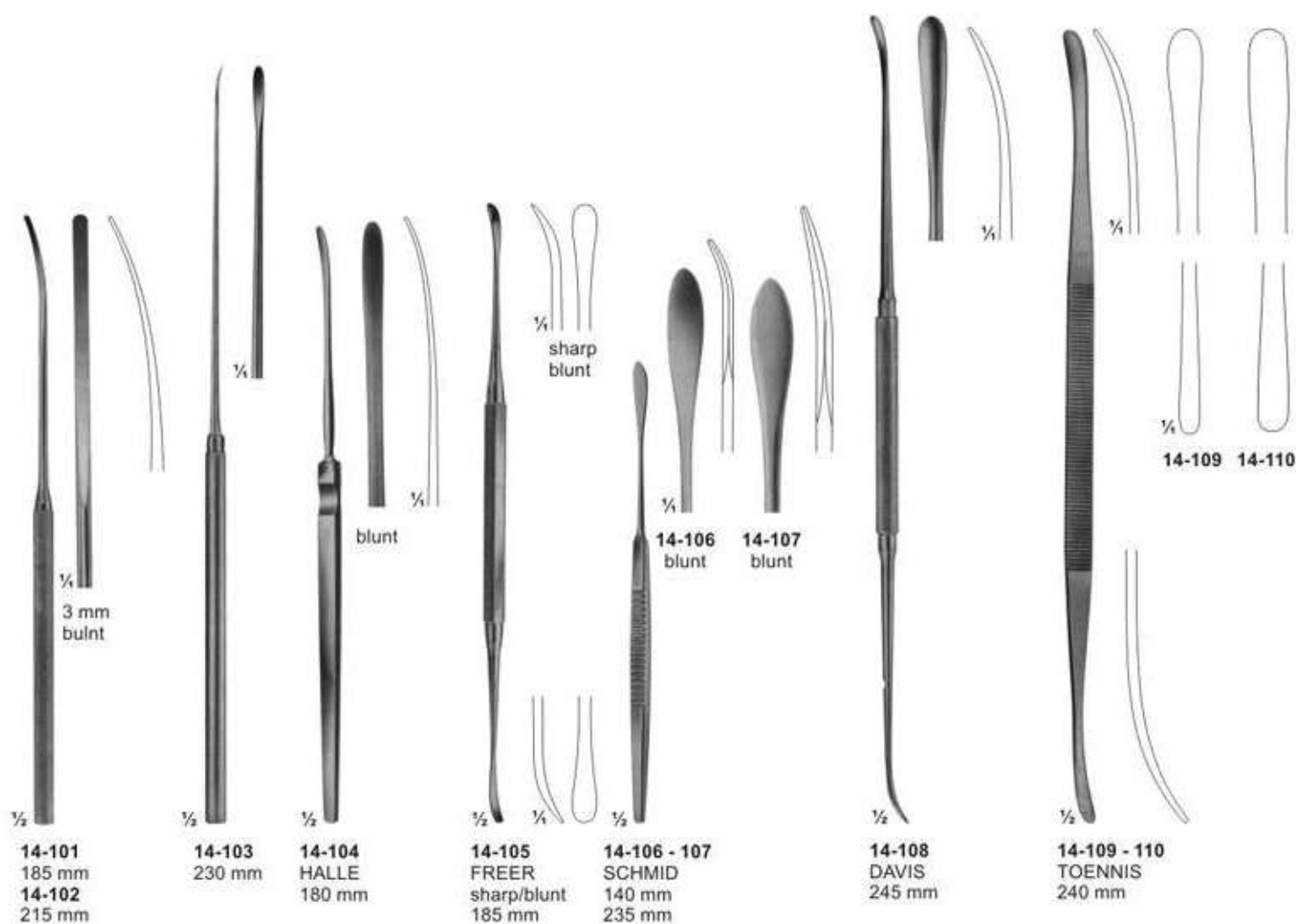
**13-119
LABORDE**
125 mm



**13-120
LABORDE
strong pattern**
135 mm



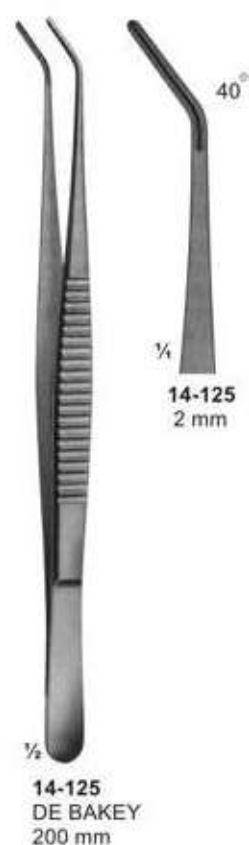
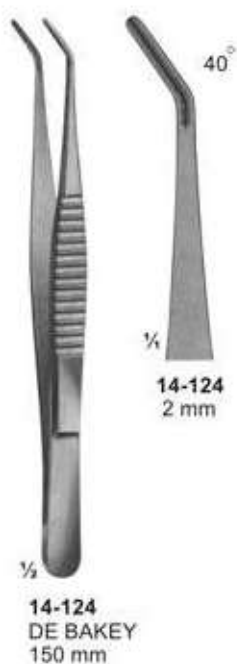
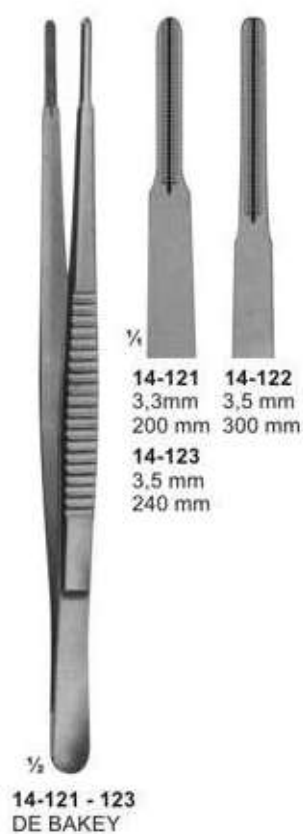
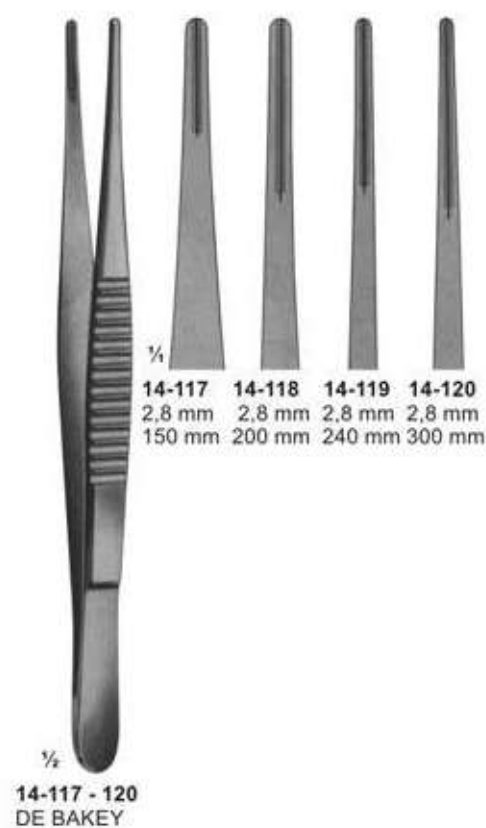
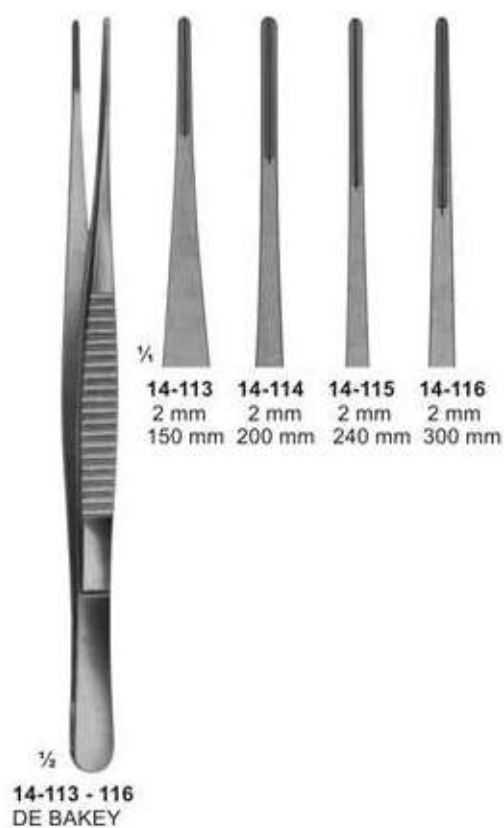
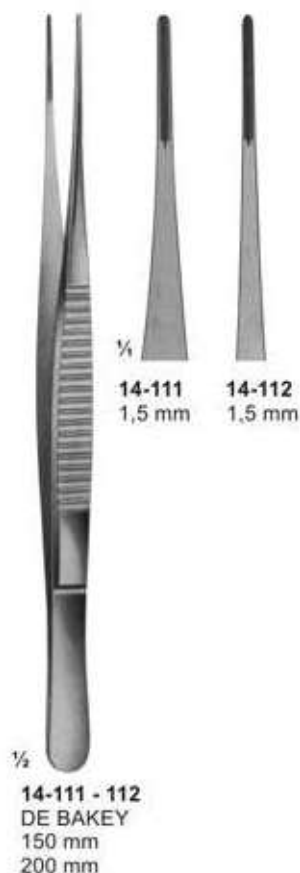
13-121
Cleaning Brush
for tracheal tubes
285 mm





am rays

ATRAUMATA Forceps

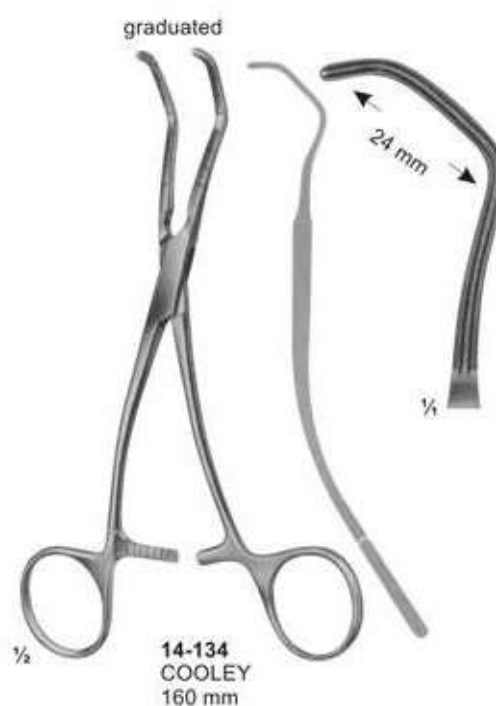
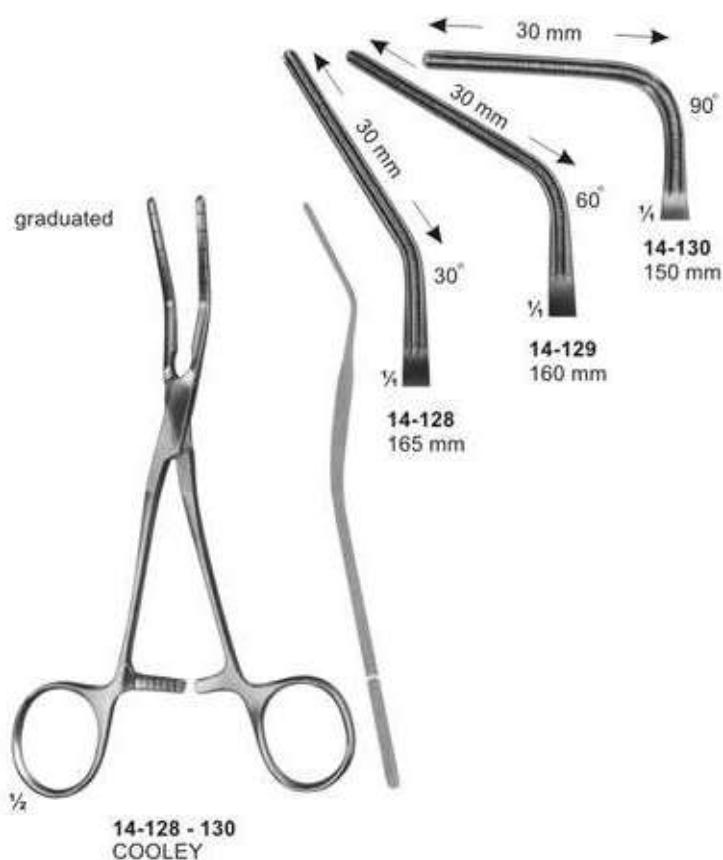
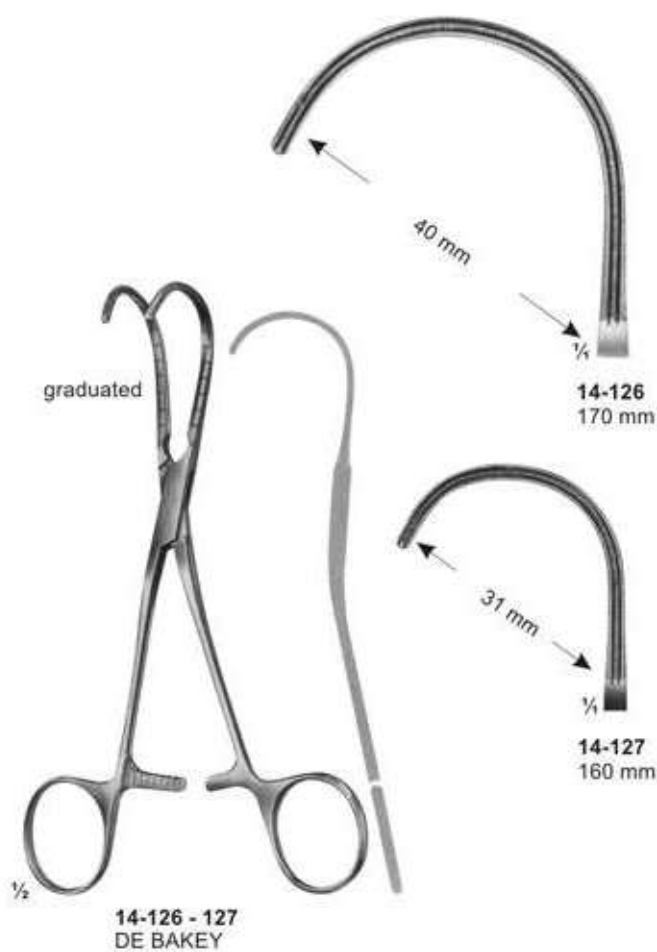




am rays

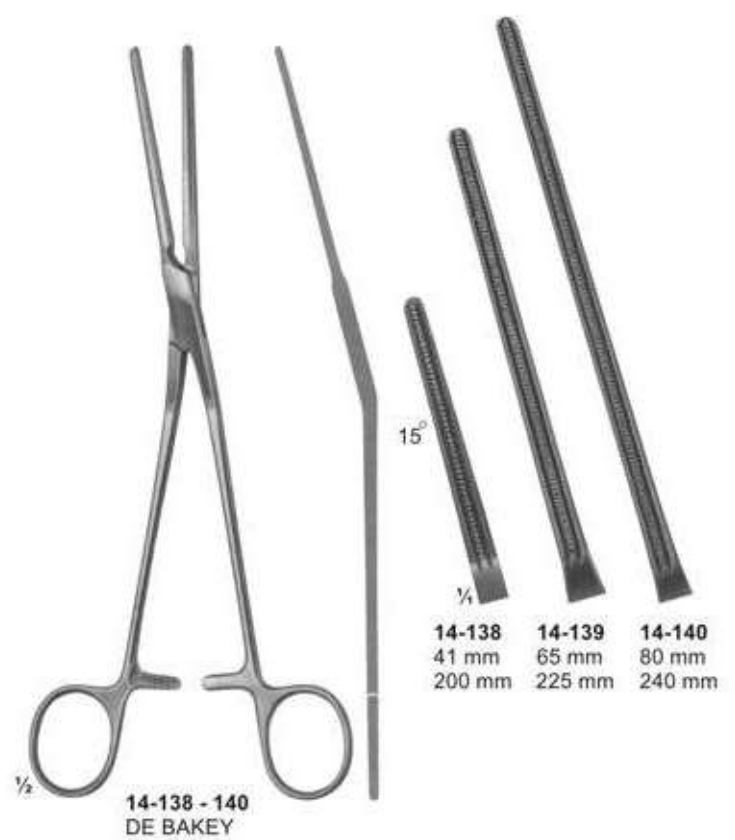
ATRAUMATA

Anastomosis- and Multi- Purpose- Clamps- Pediatric types



ATRAUMATA

Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamps



Aorta- Anastomosis Clamps



L
14-144
WEBER
260 mm

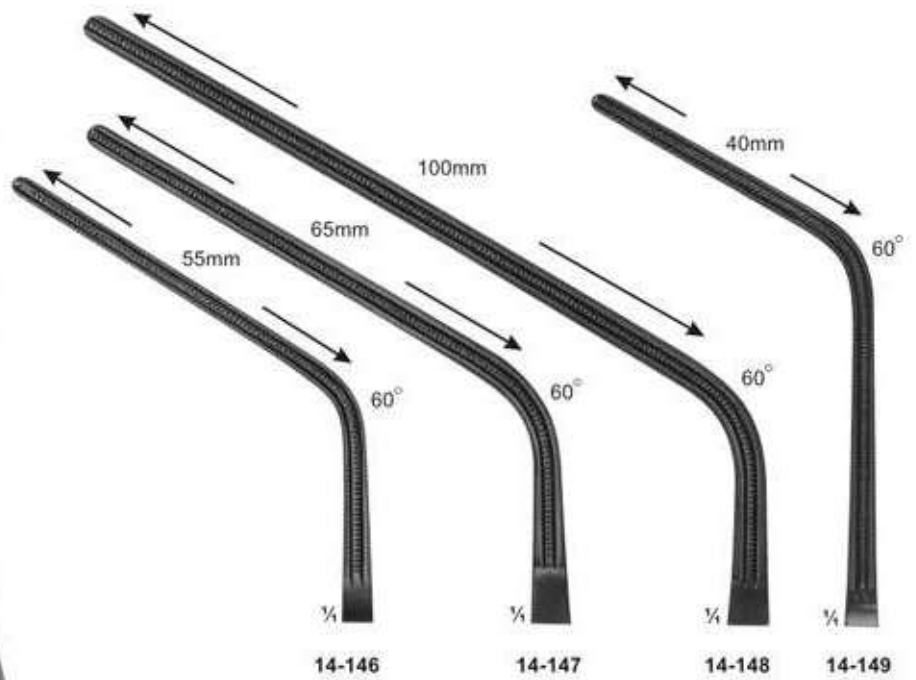


R
14-145
WEBER
260 mm

Multi- Purpose-Clamps



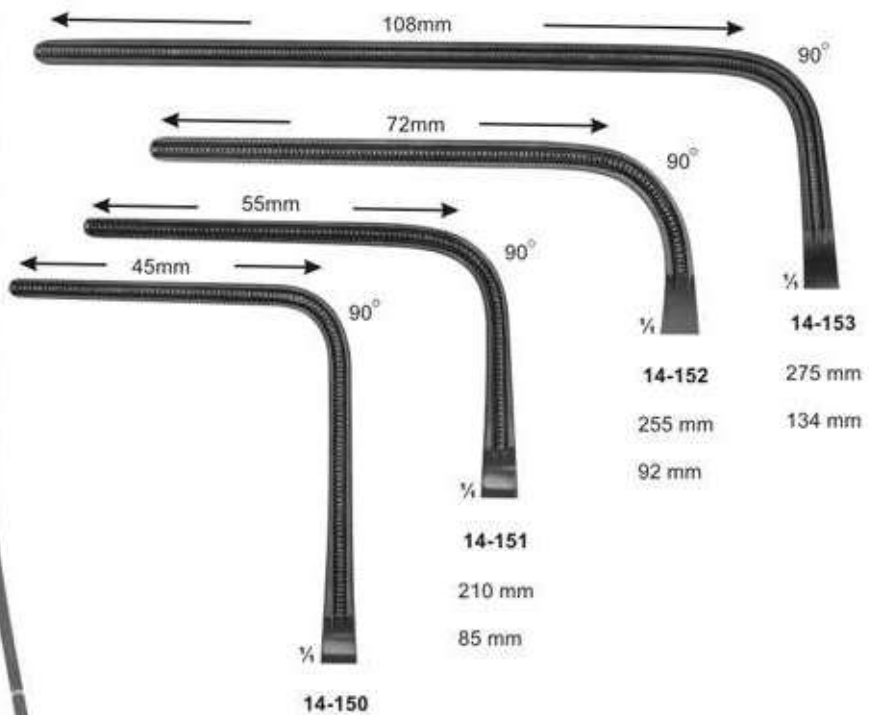
1/2
14-146 - 149
DE BAKAY



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 BAKAY



Total Length:	225 mm
Length of jaws:	93 mm

Sternum Instruments and Rib Shears



14-154
SCHUMACHER
Sternum shears
210 mm



14-155
LEBSCHKE
Sternum chisel
200 mm



14-156
230 mm



14-157
COLLIN
195 mm



14-158
GLUCK
190 mm



14-159
BETHUNE
340 mm



14-160
BRUNNER
Universal pattern
340 mm

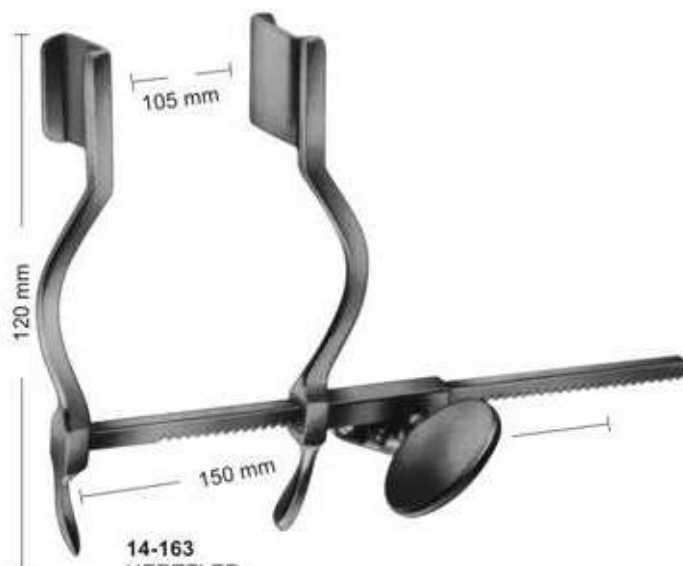


14-161
GIERTZ-STILLE
250 mm

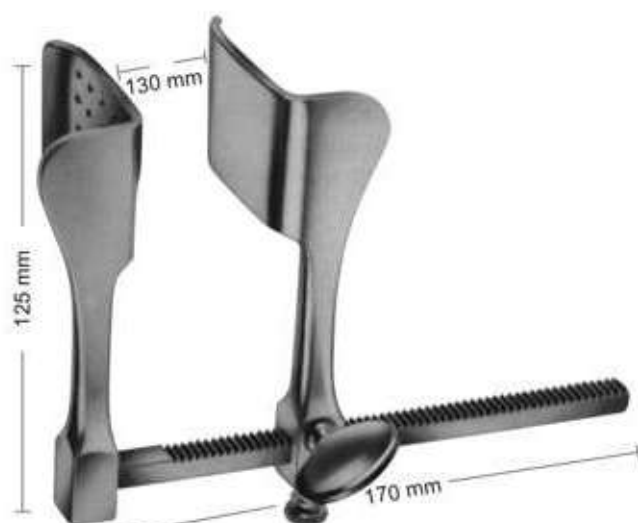
Rib Spreaders



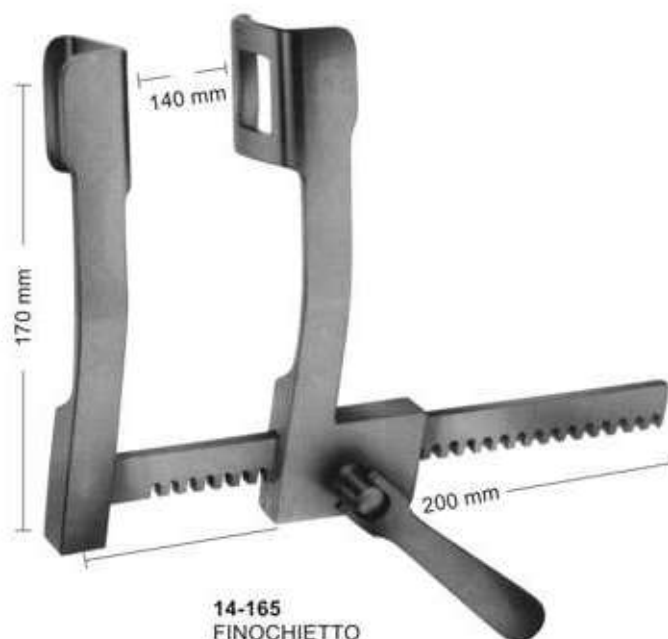
14-162
FINOCHIETTO
Blades
18X21 mm



14-163
HERTZLER
Blades
20X25 mm



14-164
TUFFIER
Blades
43X53 mm



14-165
FINOCHIETTO
Blades
36X45 mm

Rib Spreaders-and Contractors



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



**14-167
BAILEY**
150 mm



14-168
for children

14-169
for adults

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

Punches

130° upwards cutting

15-101
1 mm



KERRISON - JACOBY

FERRIS-SMITH-KERRISON

15-102
2 mm



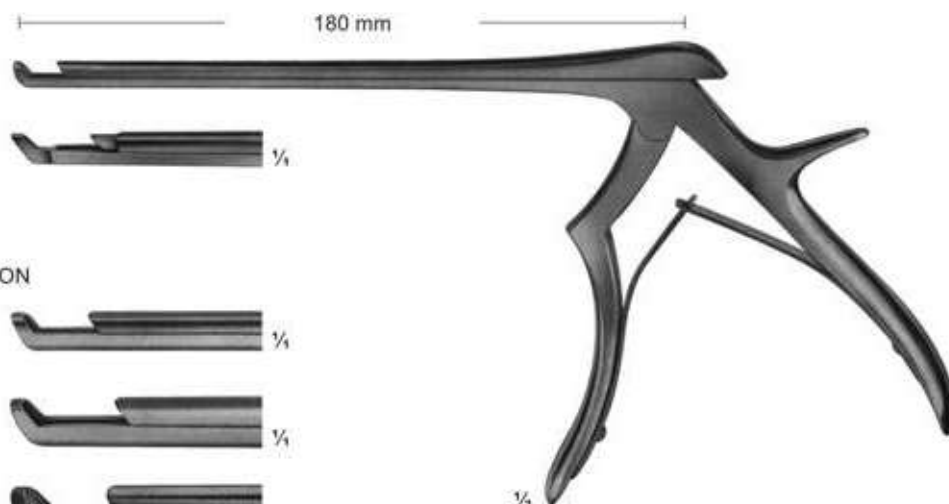
15-103
3 mm



15-104
4 mm



15-105
5 mm



15-101 - 105

90° upwards cutting

KERRISON - JACOBY

15-106
1 mm



15-107
2 mm



FERRIS-SMITH-KERRISON

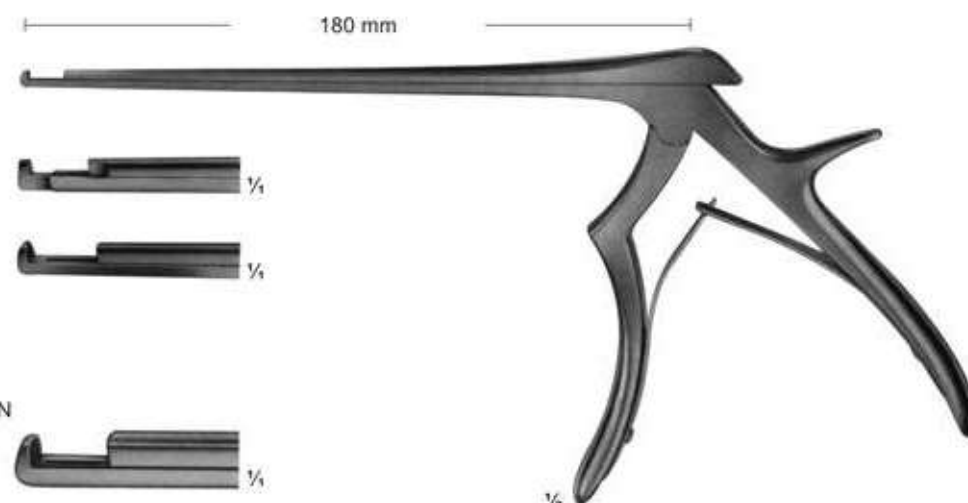
15-108
3 mm



15-109
4 mm



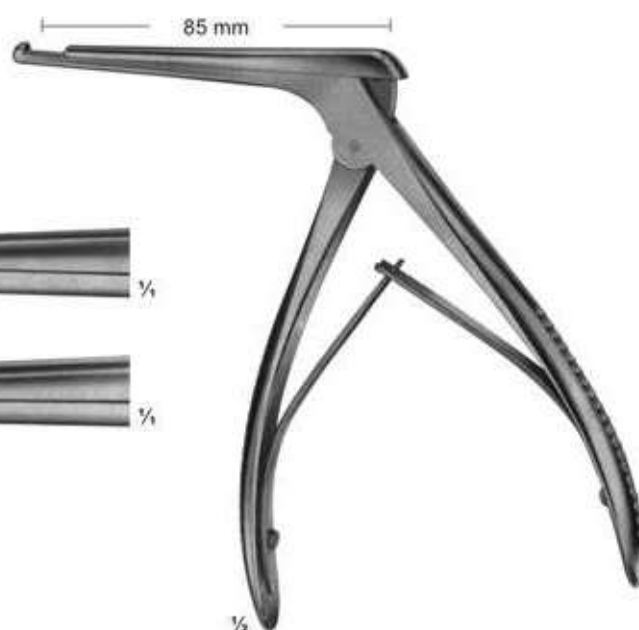
15-110
5 mm



15-106 - 110

Punches

90° upwards cutting



15-111 - 15-112
KERRISON

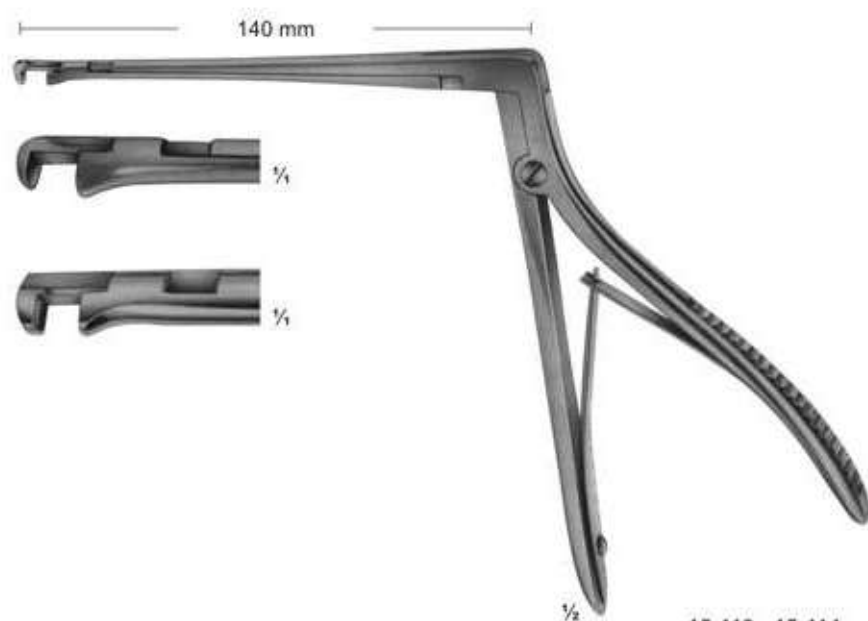
15-111
4 mm



15-112
5 mm



90° upwards cutting



15-113 - 15-114
HAJEK-KOFLER

15-113
3,3 mm



15-114
4,0 mm



Rongeurs

LOVE-GRUENWALD

15-115
2 X 10 mm

15-116
3 X 10 mm

SPURLING
15-117
4 X 10 mm



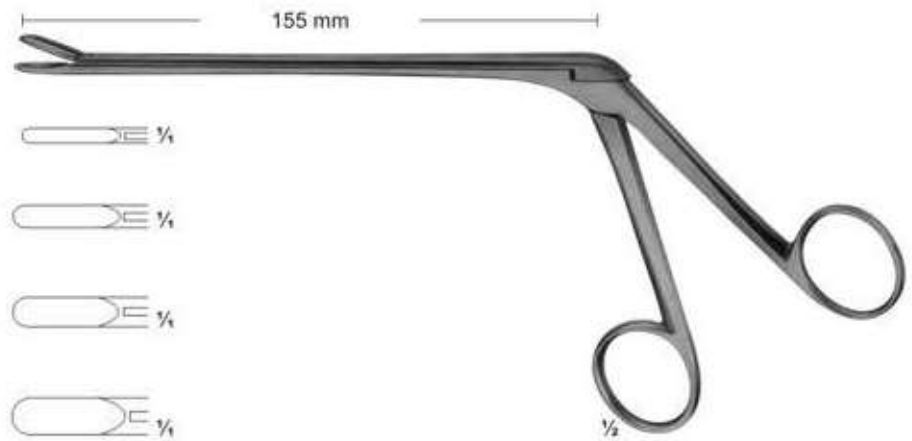
15-115 - 15-117

15-118
2 mm

15-119
3 mm

15-120
4 mm

15-121
5 mm



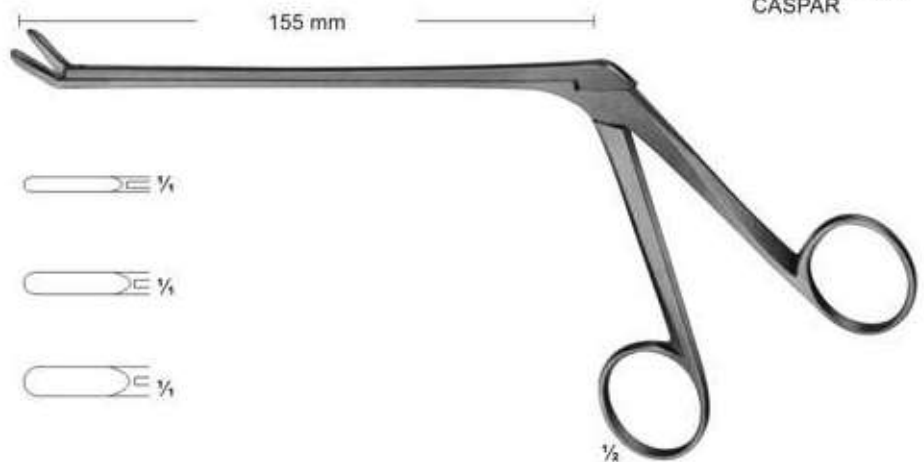
15-118 - 15-121
CASPAR

150°

15-122
2 mm

15-123
3 mm

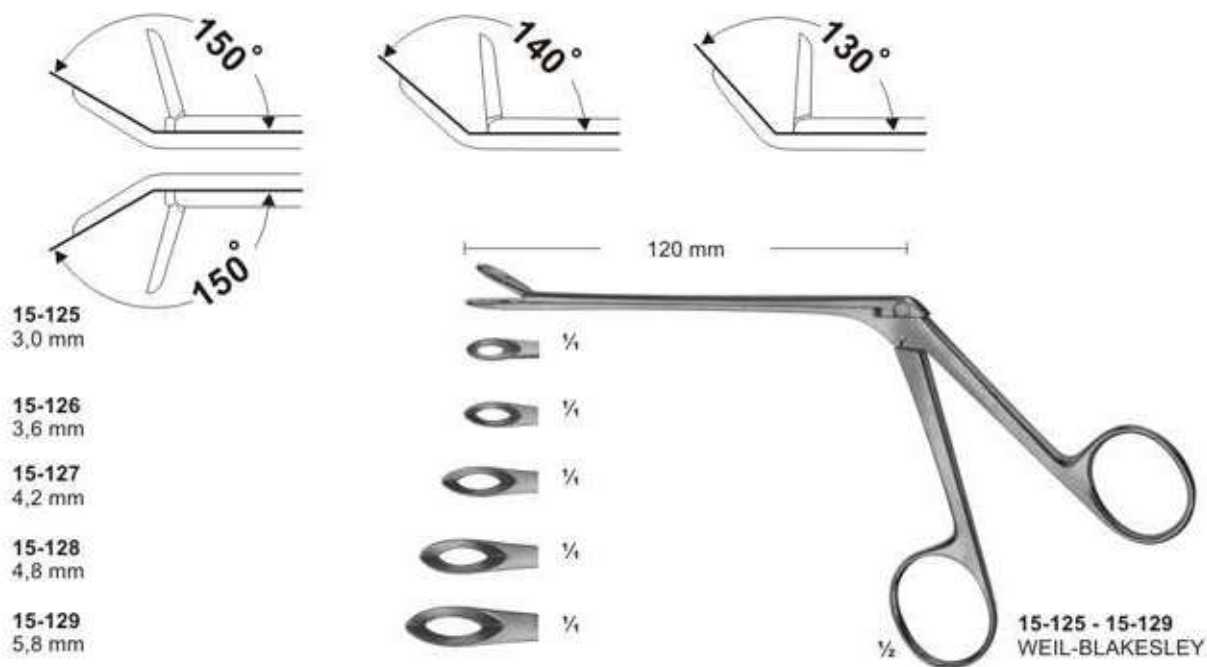
15-124
4 mm



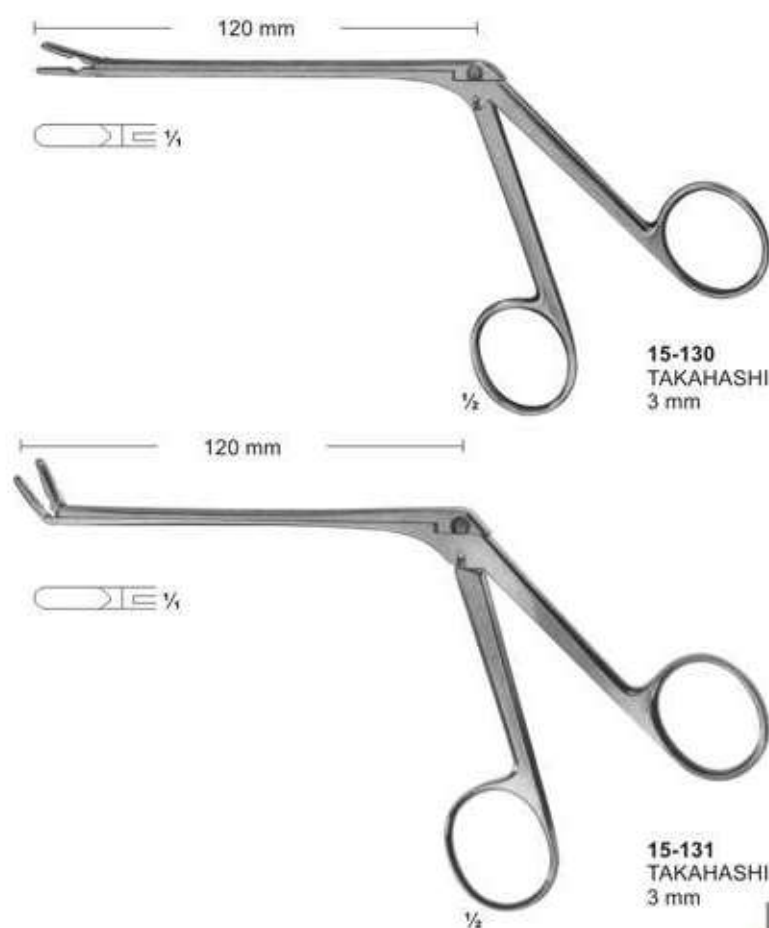
15-122 - 15-124
CASPAR

Rongeurs

Angled positions for rongeurs



130°



Rongeurs

150°

Lower part of jaws movable

15-132
2 mm

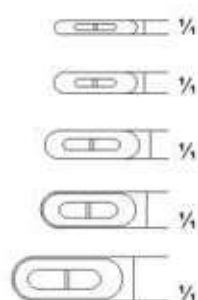
15-133
3 mm

15-134
4 mm



15-132 - 15-134
CASPAR

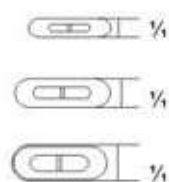
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
15-135	15-140	15-145	2 X12 mm
15-136	15-141	15-146	3 X12 mm
15-137	15-142	15-147	4 X14 mm
15-138	15-143	15-148	5 X14 mm
15-139	15-144	15-149	6 X16 mm



15-135 - 15-149
CASPAR

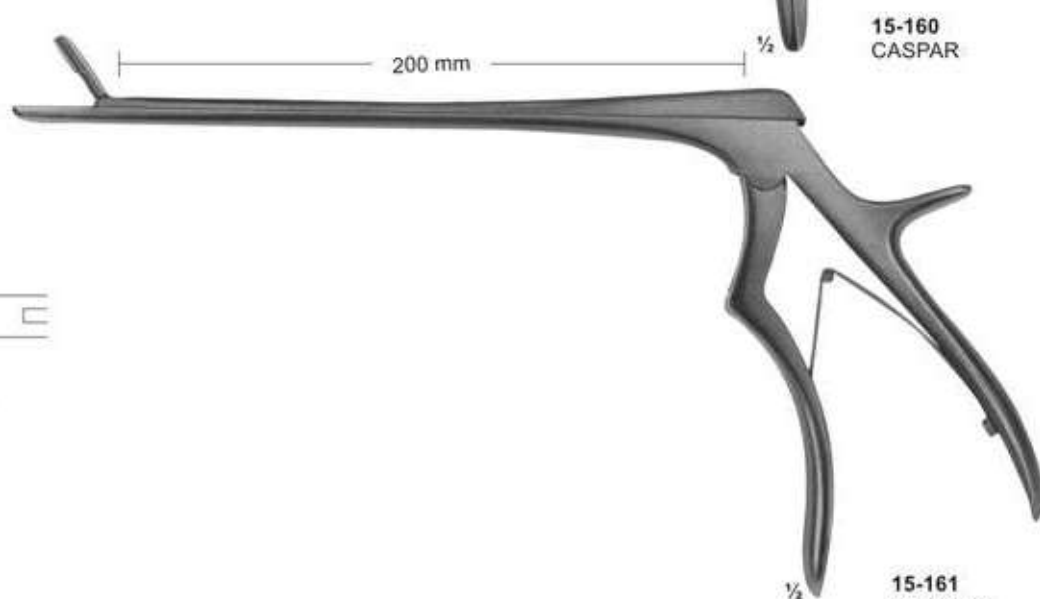
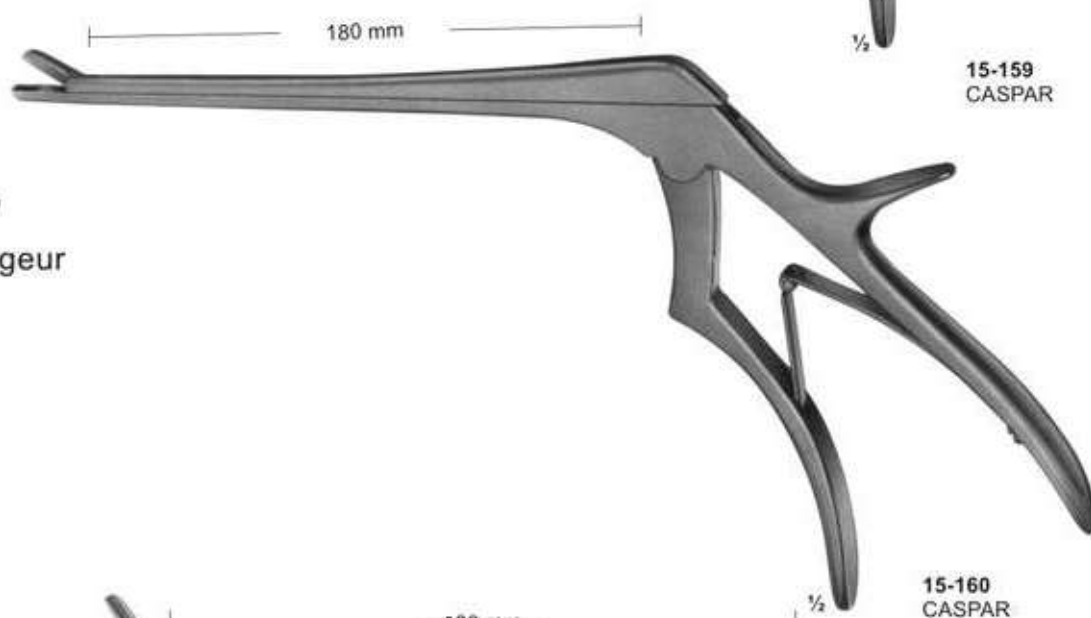
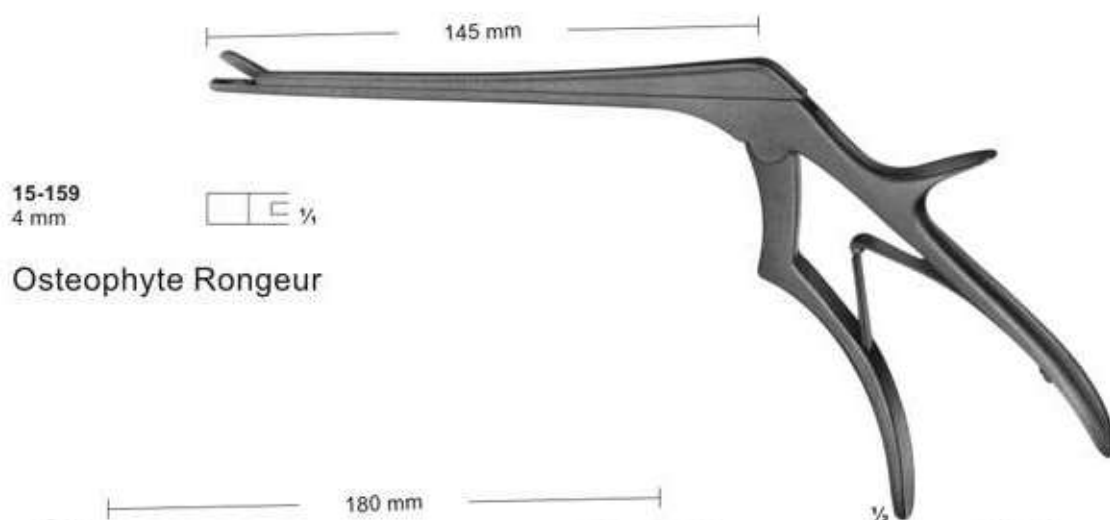
150°

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

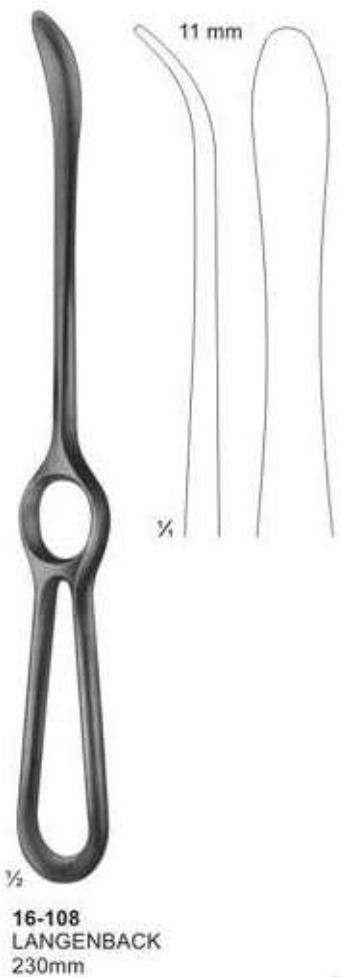
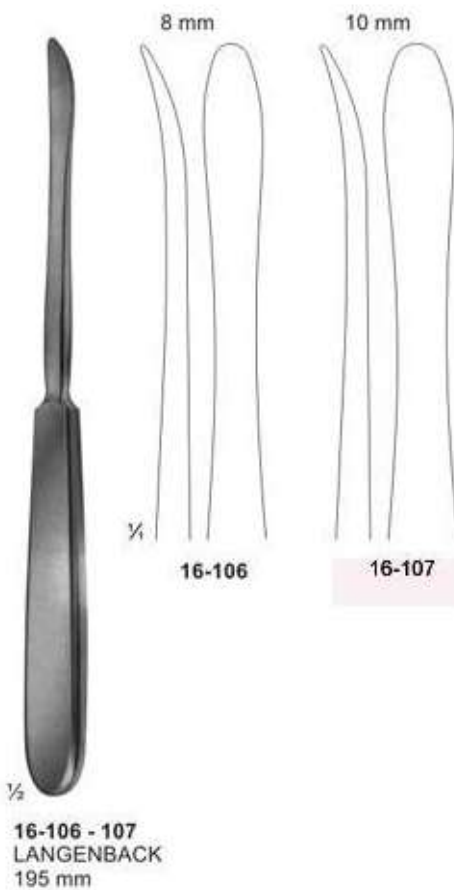
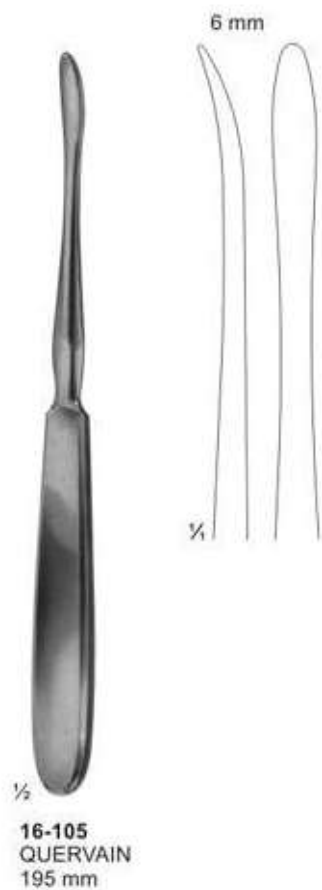
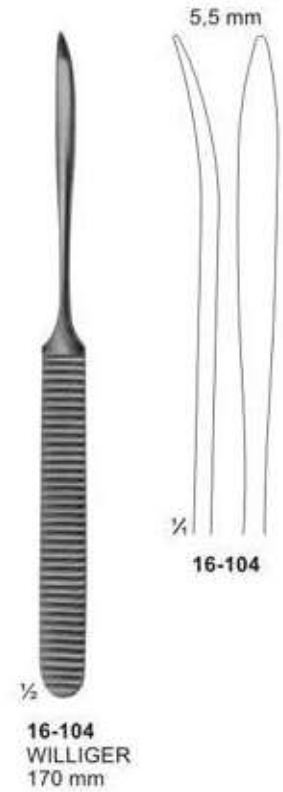
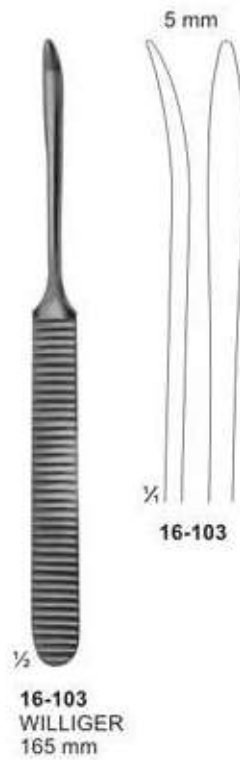
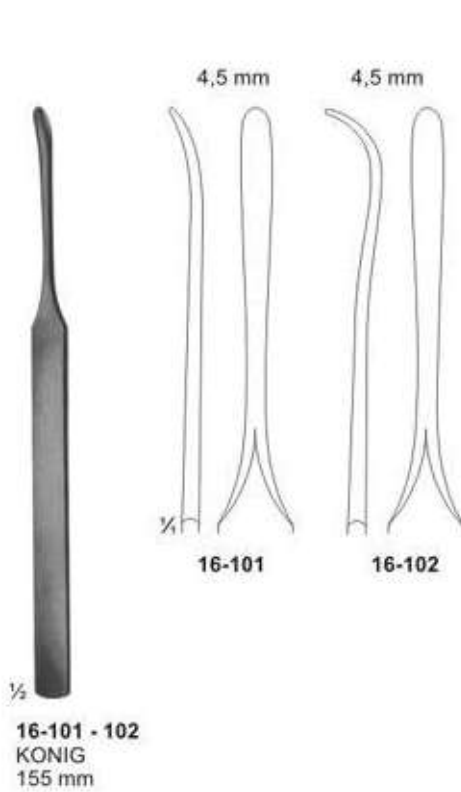


15-159
CASPAR

15-160
CASPAR

15-161
WAGNER

Elevators and Bone Levers





am rays

Bone Levers



Raspatories



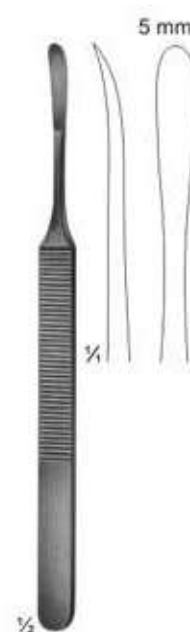
16-114
PARTSCH
150 mm



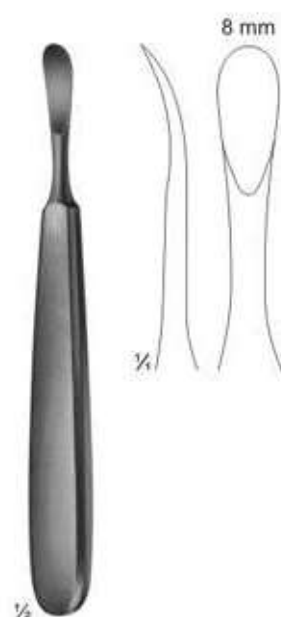
16-116
PARTSCH mod. LANGE
145 mm



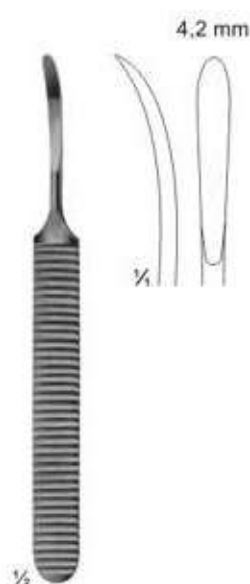
16-117
MC KENTY
155 mm



16-118
KOENIG
155 mm



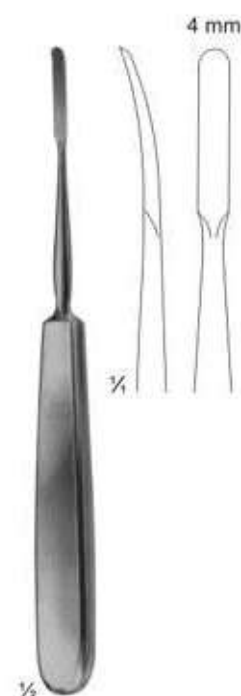
16-119
TRELAT
150 mm



16-120
WILLIGER
140 mm

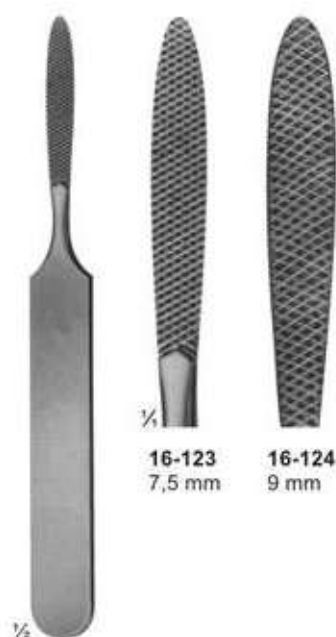


16-121
WILLIGER
160 mm



16-122
JOSEPH
170 mm

Bone File and Rasps

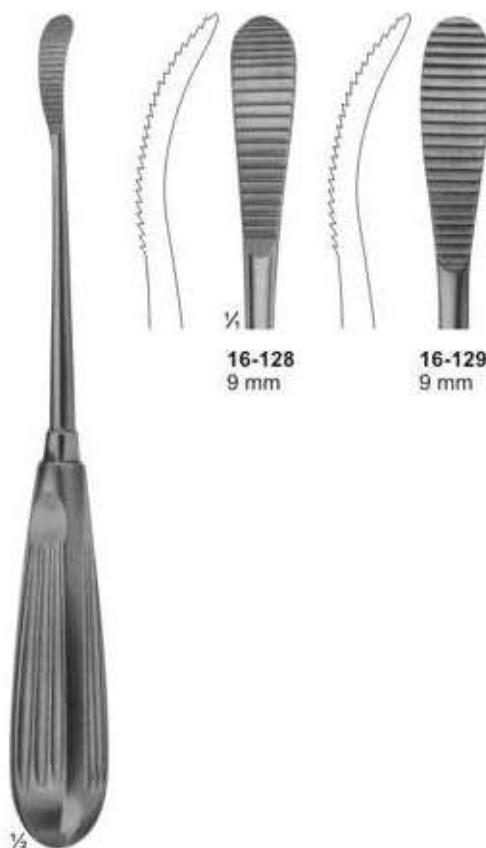


16-123
JOSEPH
fine, chequered

16-124
coarse, chequered
165 mm



16-127
MALTZ
down stroke
180 mm



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



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



Ø 20 mm

1/2

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



Ø 25 mm

1/2

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



Ø 30 mm

1/2

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



Ø 22 mm

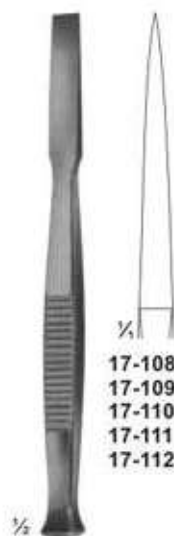
1/2

17-106
165 g
lead filled head
190 mm

Osteotomes, Chisels and Gouges



17-107
MANNERFELT
Gouge
155 mm



17-108 - 112
Osteotomes
140 mm

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



17-113 - 117
Chisels
140 mm

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



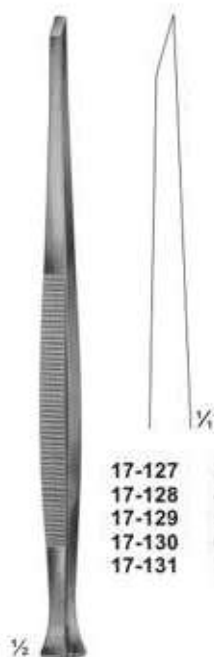
17-118 - 122
Gouges
140 mm

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



PARTSCH
17-123 - 126
Chisels
140 mm

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



PARTSCH
17-127 - 131
Chisels
170 mm

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



PARTSCH
17-132 - 135
Gouges
140 mm

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



PARTSCH
17-136 - 140
Gouges
170 mm

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



LUCAS
17-141 - 142
Chisels
160 mm

17-141 4 mm
17-142 6 mm



LUCAS
17-143 - 144
Gouges
160 mm

17-143 3 mm
17-144 5 mm



am rays

Reposition Forceps, Bone Holding Forceps



17-145
Patella forceps
185 mm



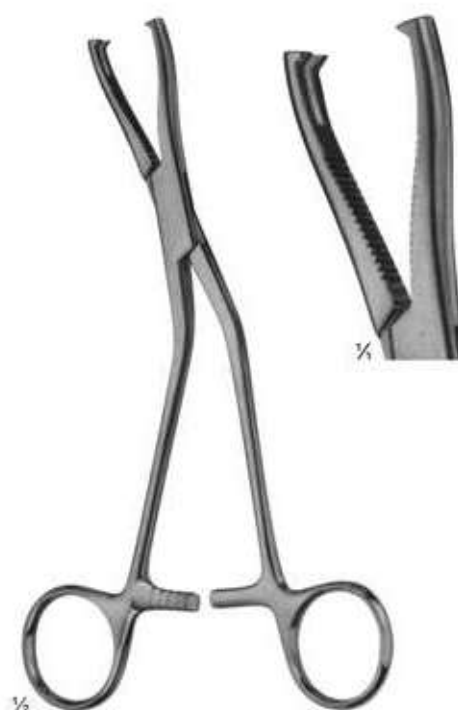
17-146
Forceps with
ratchet fixation
140 mm



17-147
Forceps with
thread fixation
170 mm



17-148
Forceps with
thread fixation
235 mm



17-149
DINGMANN
185 mm



am rays

Bone Holding Forceps & Bone Clamps



17-150
KERN-LANE
240 mm



17-151
LANE
330 mm



17-152
KERN-LANE
240 mm



17-153



17-154 - 155
LOWMAN
17-154 170 mm
17-155 205 mm



17-156
LOWMAN-GERSTER
210 mm



17-157
LOWMAN-HOGLUND
175 mm

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

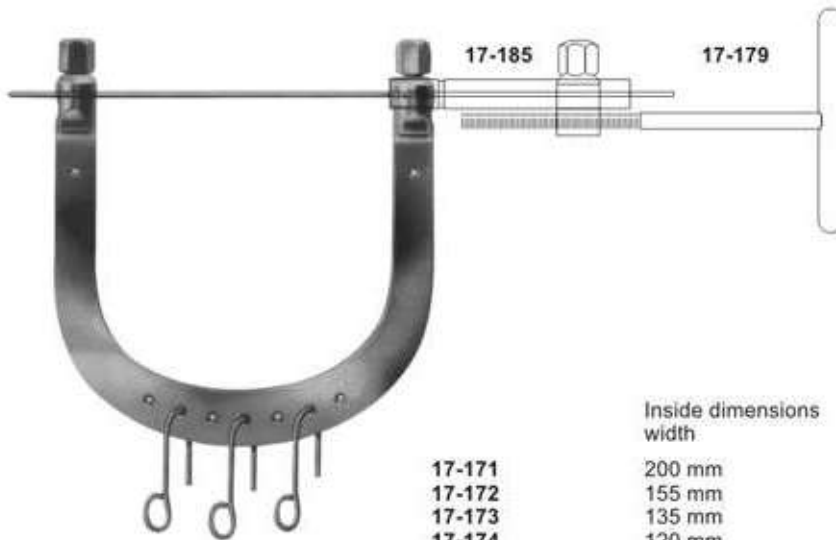


17-169
LISTON
straight
280 mm



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

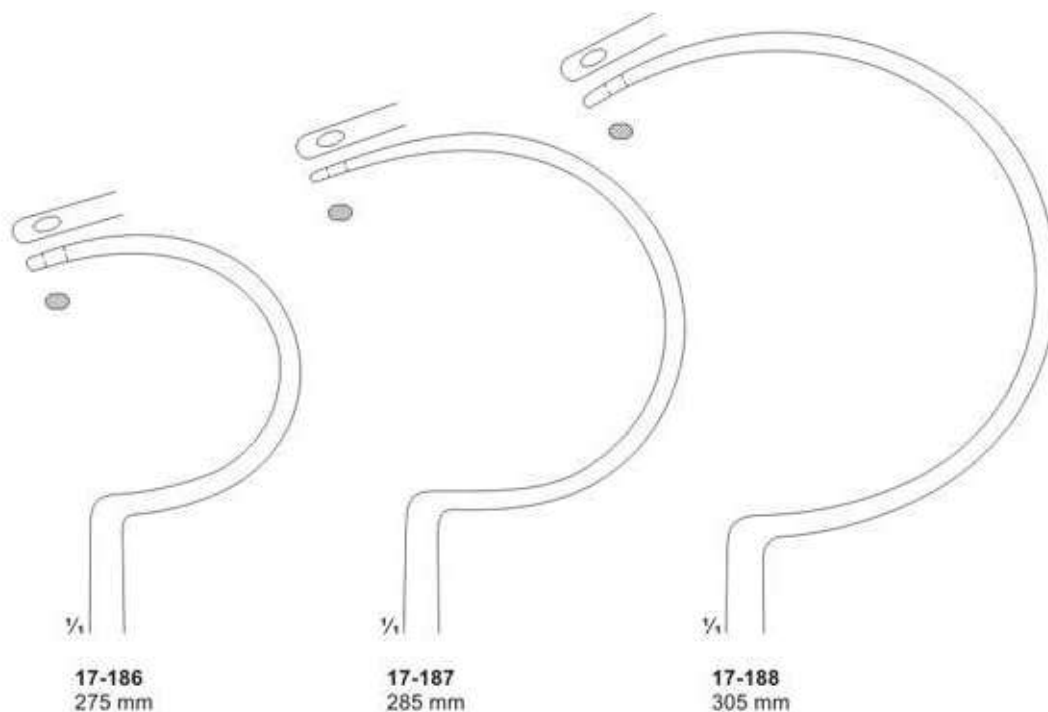


17-181
 Traction hook only,
 small size

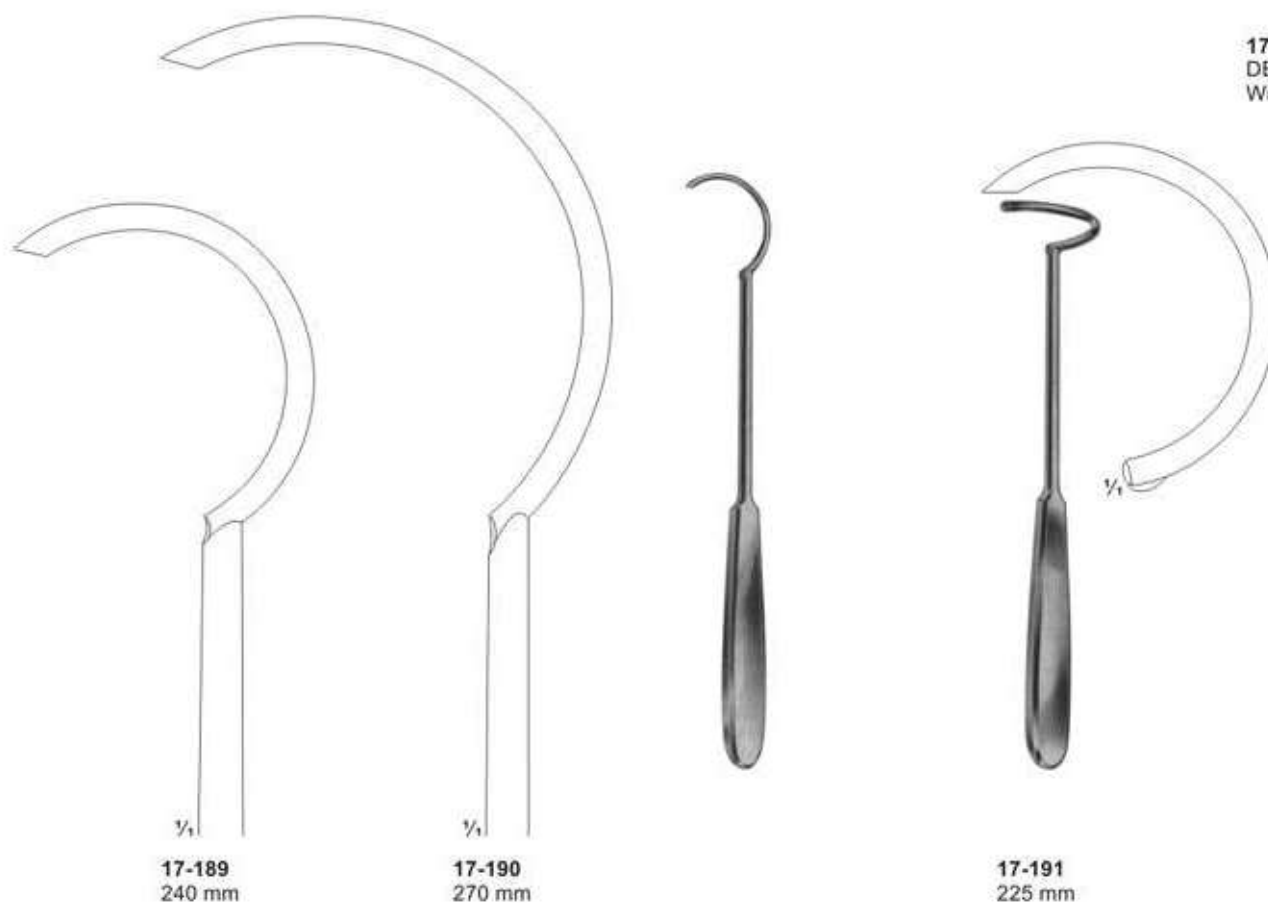


17-185
 Fixation clamp, to secure clamping
 jaws of **17-179** stainless steel

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

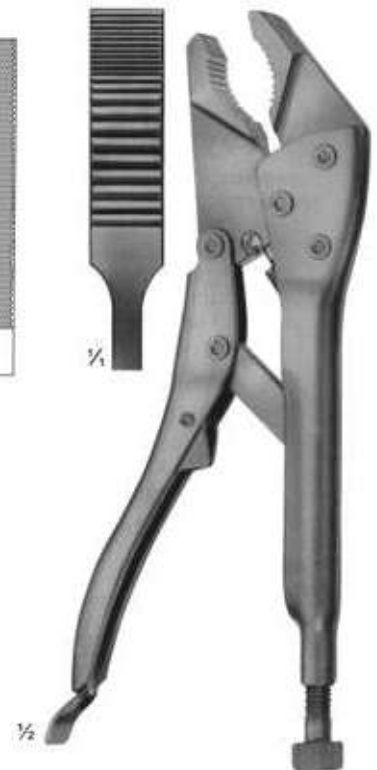
Wire Holding forceps, Flat-nosed Pliers, Pliers for bending and cutting wires



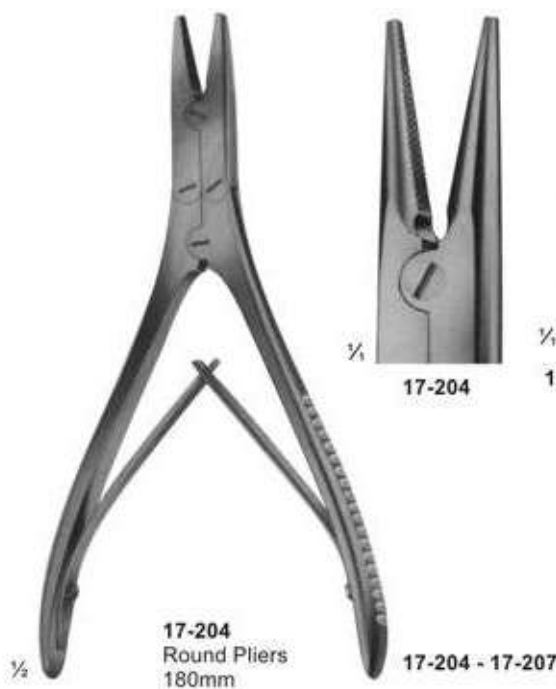
17-200 - 17-201
Extraction pliers
for boring wires



17-202
Flat-nosed pliers,
parallel
185 mm



17-203
Vise grip
200 mm



17-205 145 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



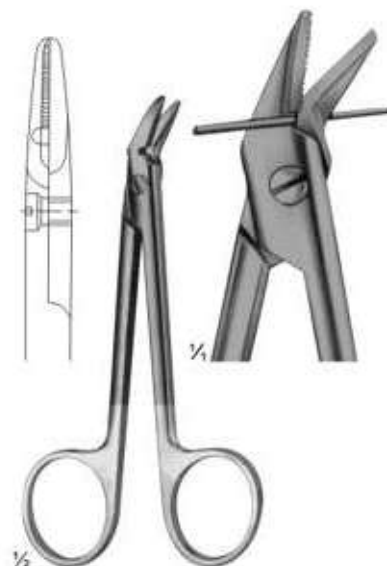
17-209
ANGLE
130 mm

17-210
DUROTIP
ANGLE
130 mm

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

0,5 mm
0,3 mm

0,6 mm
0,4 mm

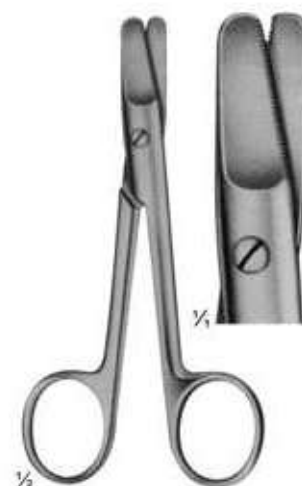


17-211
120 mm

17-212
DUROTIP
120 mm

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

1,2 mm
0,8 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
up to diam. 1,5 mm
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
up to diam. 1,6 mm
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
up to diam. 2,2 mm

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



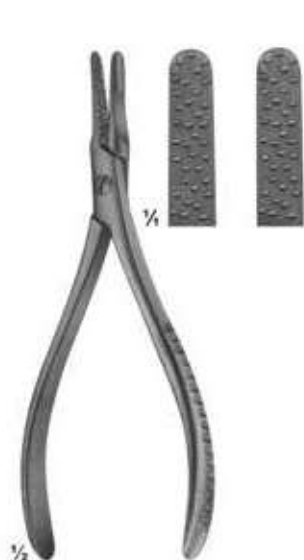
Cutter for cutting off
KIRSCHNER wires,
Tibia head screws,
bolts, pins, up to 3 mm diam.



DUROTIP

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

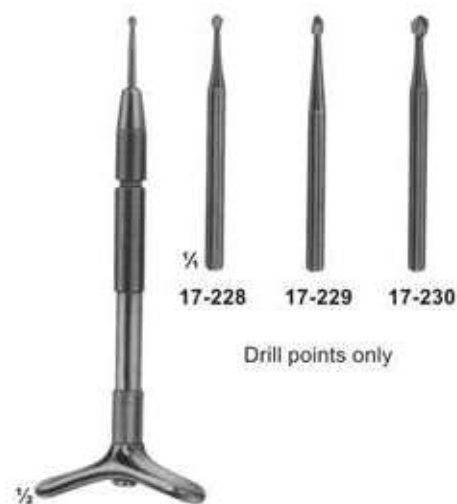
Finger Nail Instruments



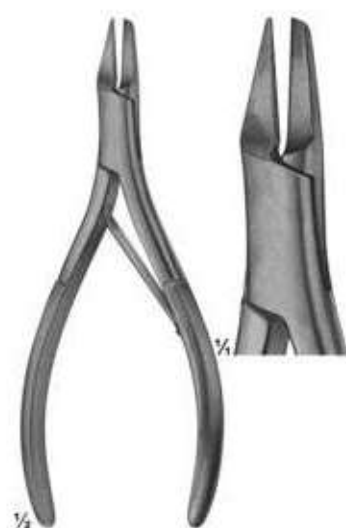
17-226
Nail extracting
forceps
135 mm



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-AESCLAP
260 mm



17-236
STILLE-AESCLAP
360 mm

Plaster Spreader, Plaster Breakers



17-237
HENING
270 mm



17-238
MOD.USA
230 mm



17-239
290 mm

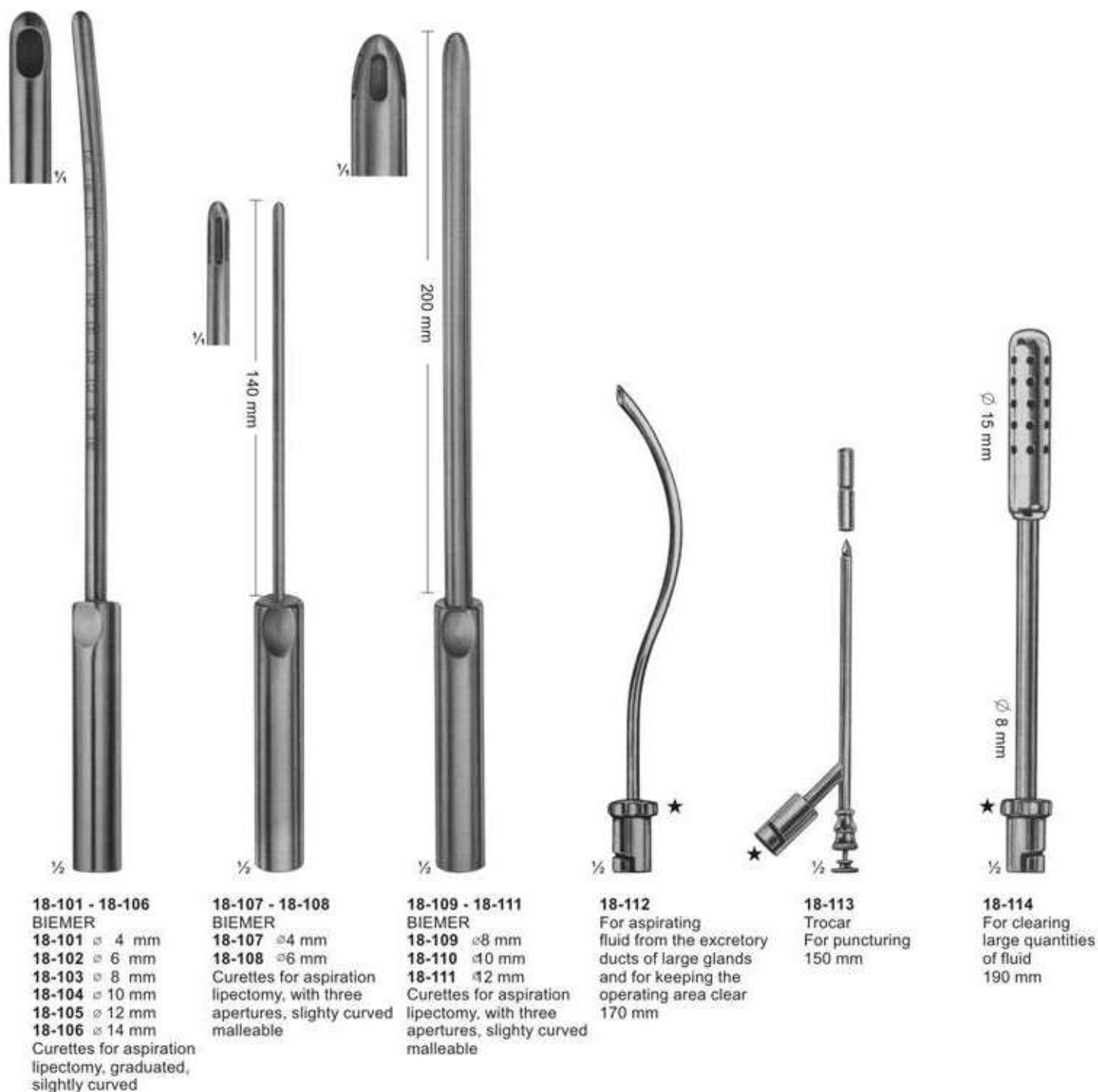


with removable jaws



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

Vacuum Curettes for Aspiration Lipectomy, Suction Instruments



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
Trocár
For puncturing
170 mm



18-118
Hollow needle,
sharp
150 mm



18-119
double curved
For general
surgery
230 mm



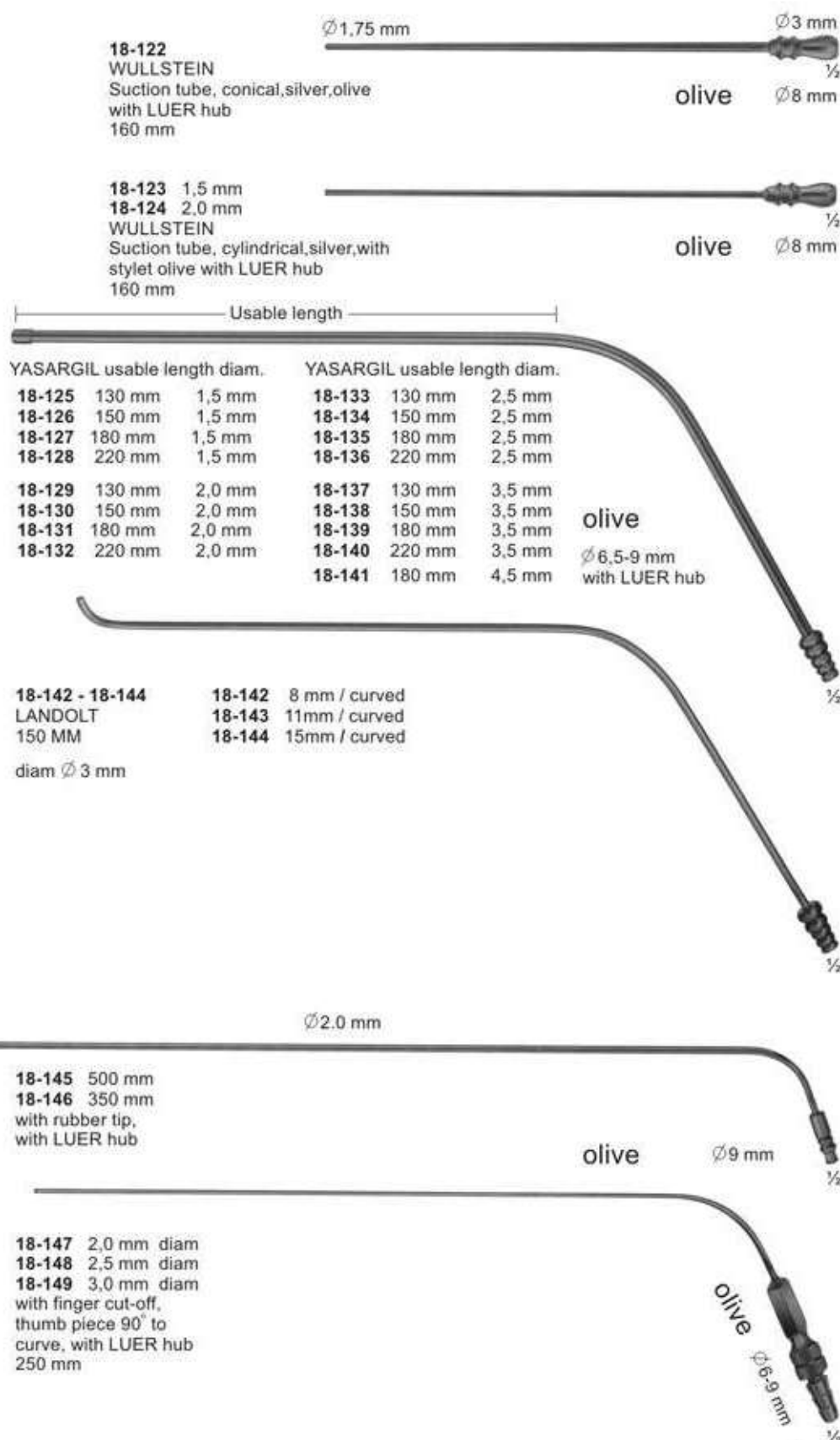
18-120
For tonsillectomy,
oral and laryngeal
operations
190 mm



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

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

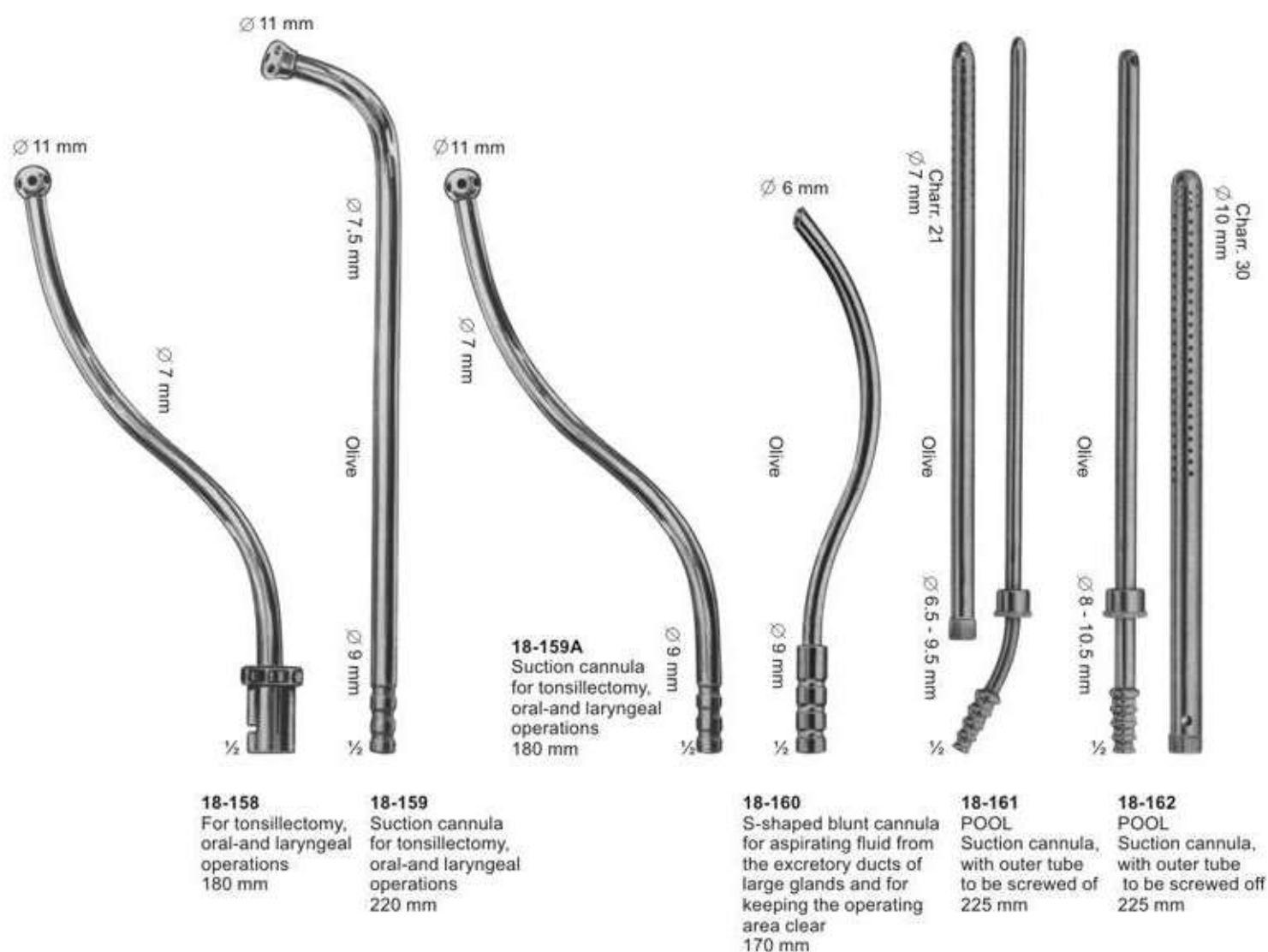
Suction Instruments



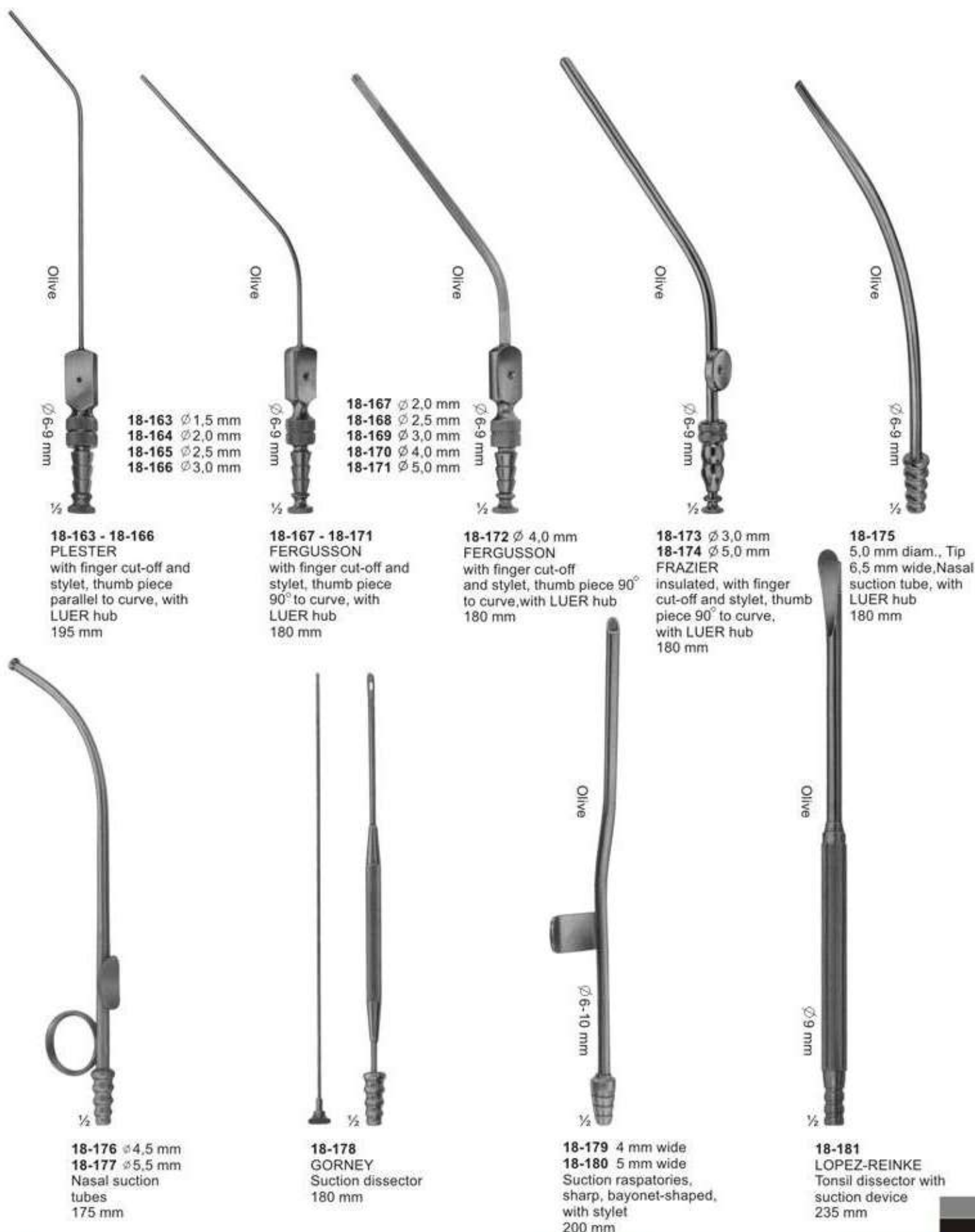
Combined Suction and Irrigation Cannulae, Coagulation Suction Cannulae



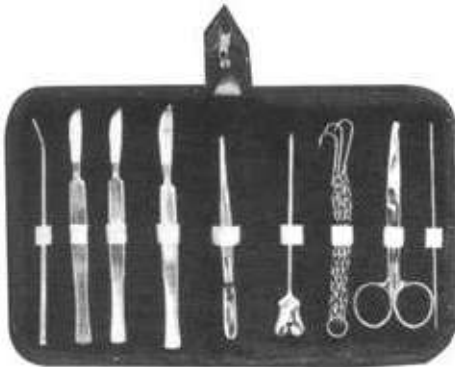
Suction Instruments



Suction Instruments



Dissection Instruments



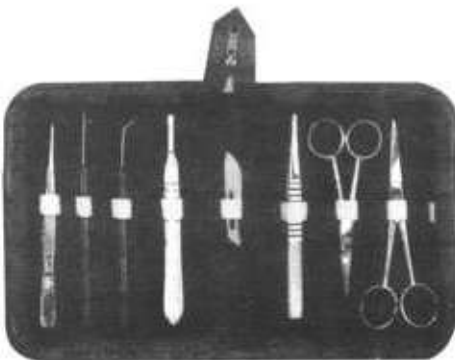
18-182

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



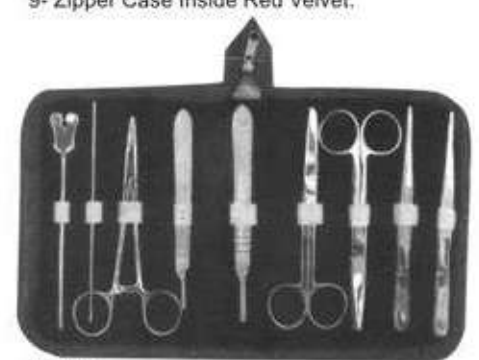
18-183

- 1- Probe Double 13 cm
- 2- 2 PCS. Scalpel S.S
- 3- Grooved Director With tongue Tie 13 cm
- 4- Mayo Hegar Needle Holder 13cm
- 5- 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



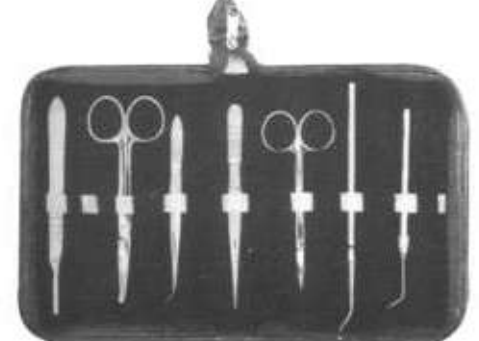
18-185

- 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

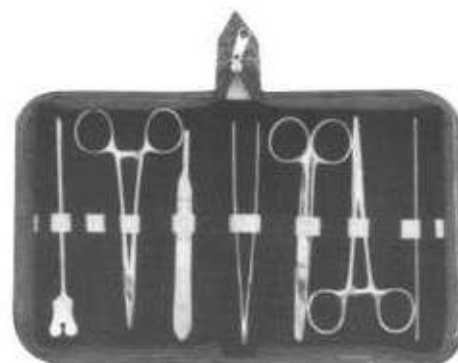
- 1- Teasing Needle with Chuck CVD.
- 2- Huber Probe
- 3- Iris Scissor
- 4- Dissecting Forcep Fine 14 cm.
- 5- Dissecting Forcep Fine CVD. 12 cm
- 6- Operating Scissor with Probe 14 cm.
- 7- B.P. Handle no. 4

Dissection Instruments



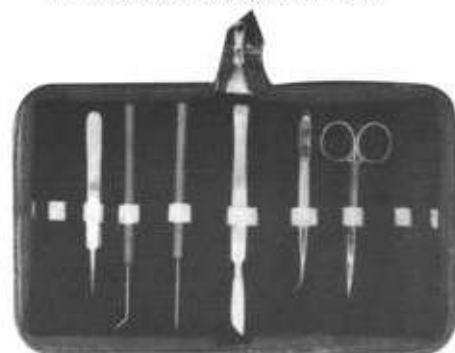
18-188

- 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.



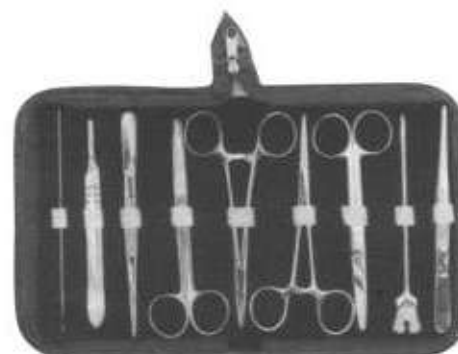
18-189

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



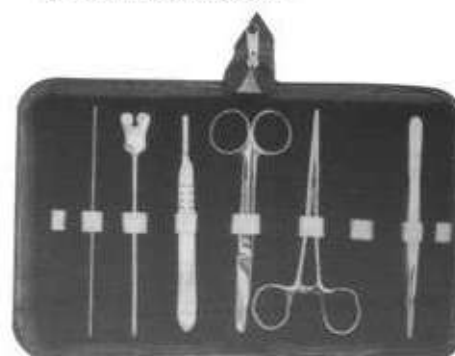
18-190

- 1- Iris Scissor STR
- 2- Dissecting Forceps CVD 12 cm.
- 3- Scalpel
- 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 Hearn 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 tongue 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 Hearn Needle Holder 14 cm
- 6- Operating Scissor S/B str 14 cm
- 7- Probe Double end
- 8- Kelly Forcep STR 14 cm.

Dissection Instruments



18-194

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



18-195

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



18-196

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



18-197

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



19-101 - 115
Schimmelbusch

	Ø x H sizes in mm
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

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



19-166 - 170

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



19-171
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
 Ø 50 x 100 mm
 Powder Pot



19-180
 Ø 50 x 75 mm
 Methot With Lid



19-181
 Ø 50 x 75 mm
 Methot Without Lid



19-182



19-183



19-184



19-185 - 186

19-185 Ø 235 mm
19-186 Ø 310 mm

Needle Cases



19-187
Sauerbruch
210 x 125 x 17 mm



19-188
Sauerbruch
210 x 125 x 17 mm



19-189
150 x 95 x 13 mm



19-190
150 x 95 x 13 mm



19-191
150 x 95 x 13 mm



19-192
150 x 95 x 13 mm



19-193
150 x 95 x 13 mm



19-194
150 x 95 x 13 mm



19-195
150 x 95 x 11 mm

Storing Cases



19-199 - 209

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



19-196
Deponette
245 x 135 x 35mm



19-197
Deponette
245 x 135 x 50mm



19-198
Deponette
245 x 135 x 60mm

Sterilizing Baskets / Trays



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

19-210 - 212



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



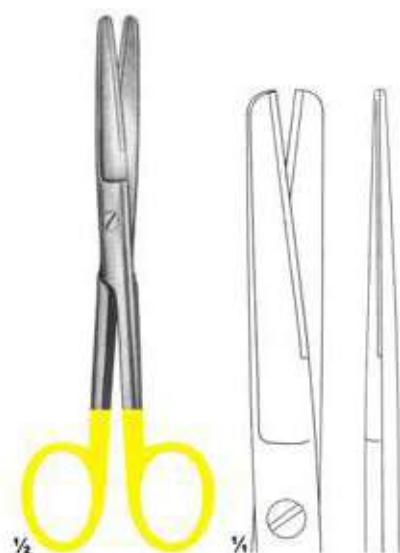
19-213 - 218

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



am rays

Scissors with Tungsten Carbide Inserts



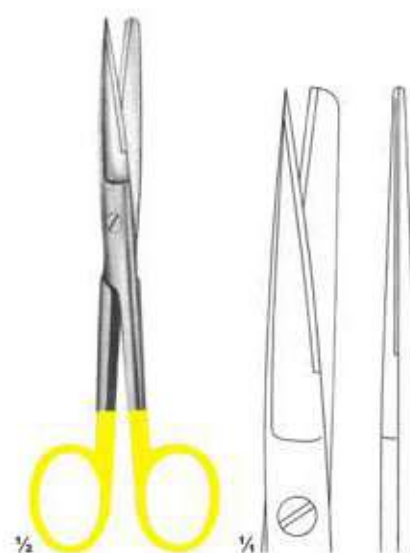
26-101
Standard

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



26-102
Standard

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



26-103
Standard

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



26-104
Standard

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



26-105
Standard

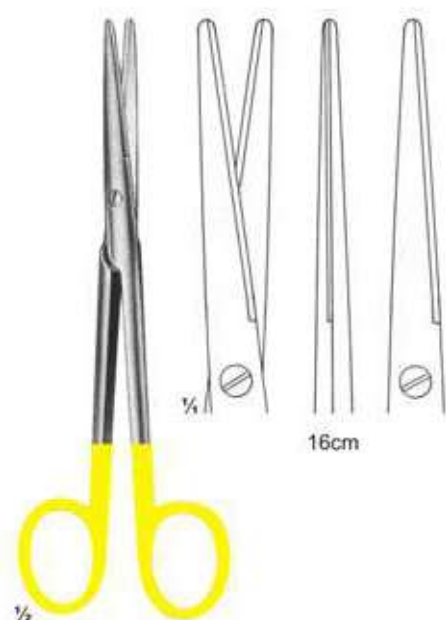
14,5cm
16,5cm
18,5cm



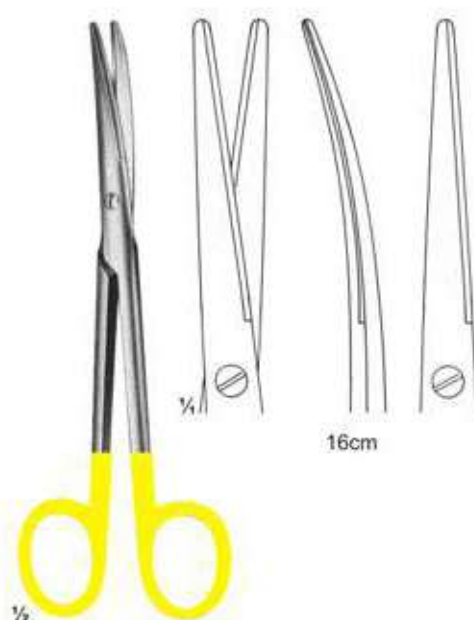
26-106
Standard

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

Scissors with Tungsten Carbide Inserts



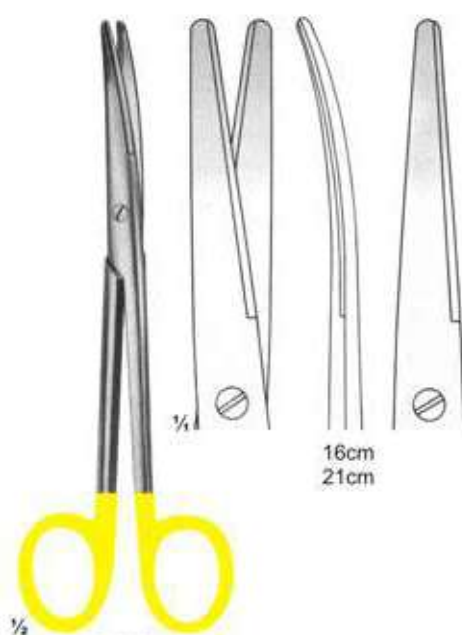
26-107
Mayo-Lexer



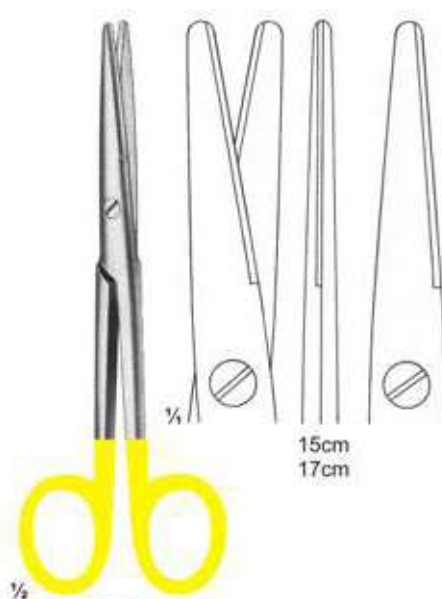
26-108
Mayo-Lexer



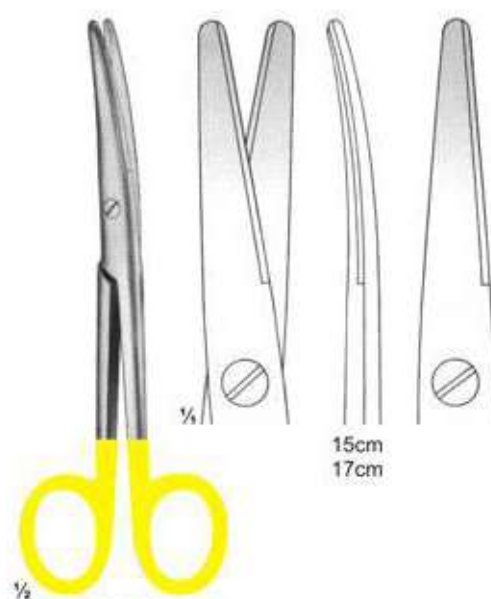
26-109
Lexer



26-110
Lexer

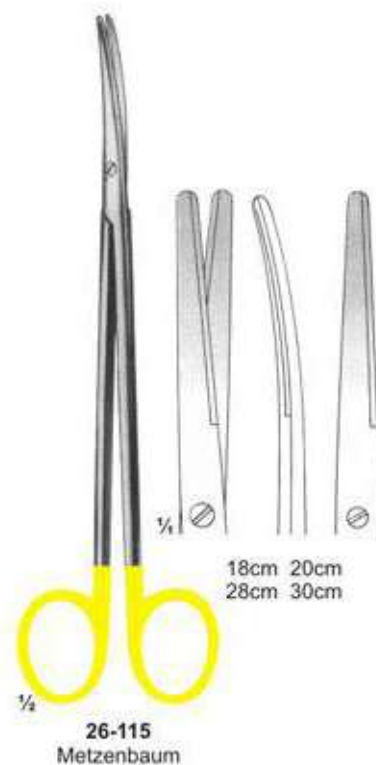
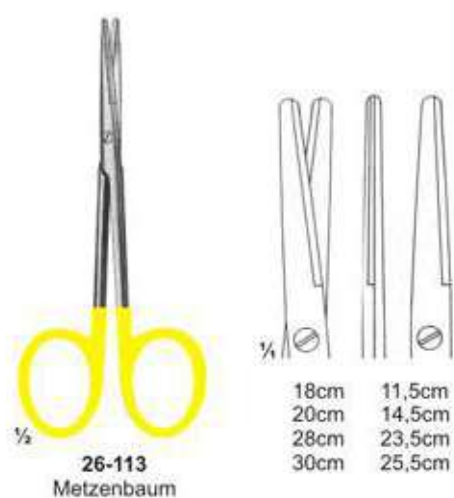


26-111
Mayo-Stille

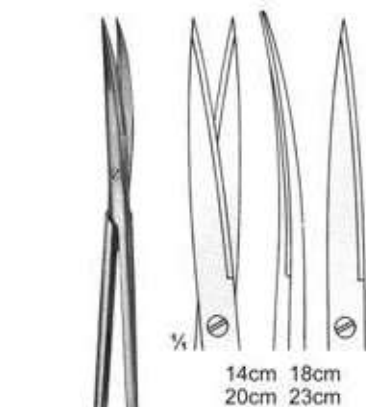


26-112
Mayo-Stille

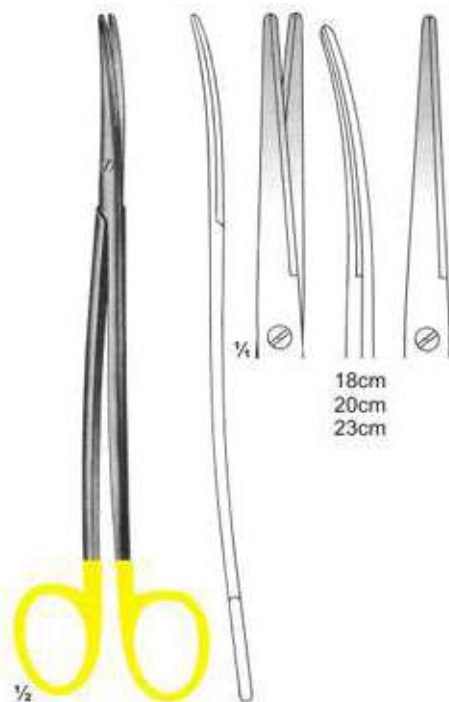
Scissors with Tungsten Carbide Inserts



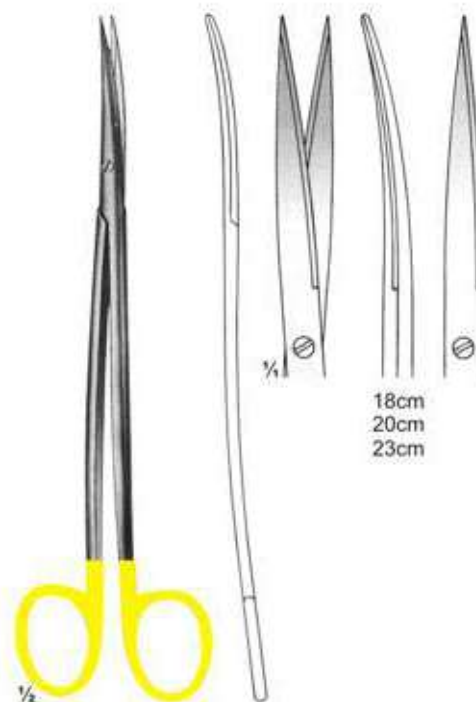
Scissors with Tungsten Carbide Inserts



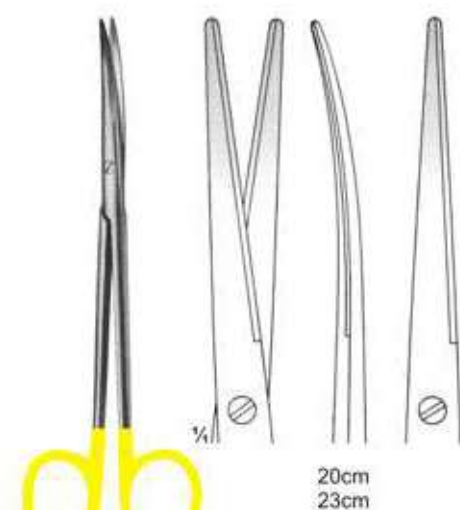
26-119
Metzenbaum-Fino



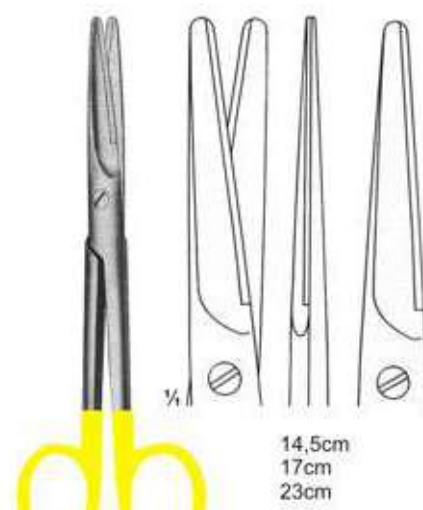
26-120
Metzenbaum-Fino



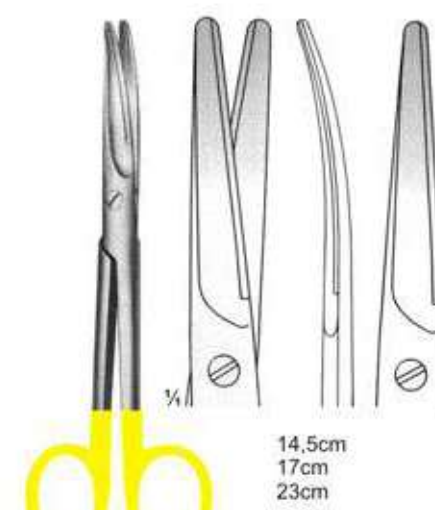
26-121
Metzenbaum-Fino



26-122
Metzenbaum

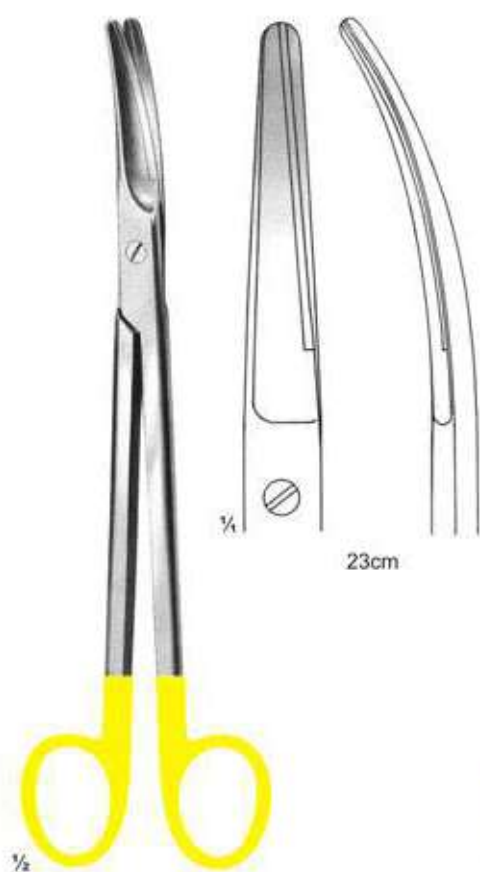


26-123
Mayo

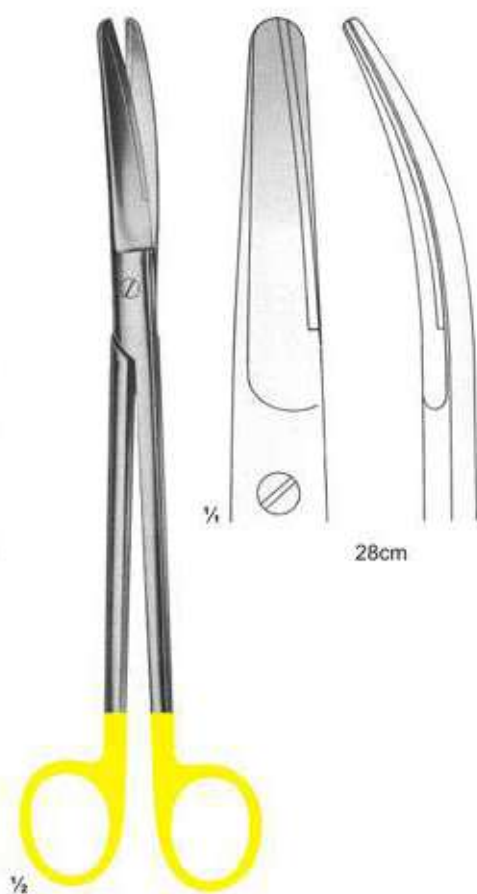


26-124
Mayo

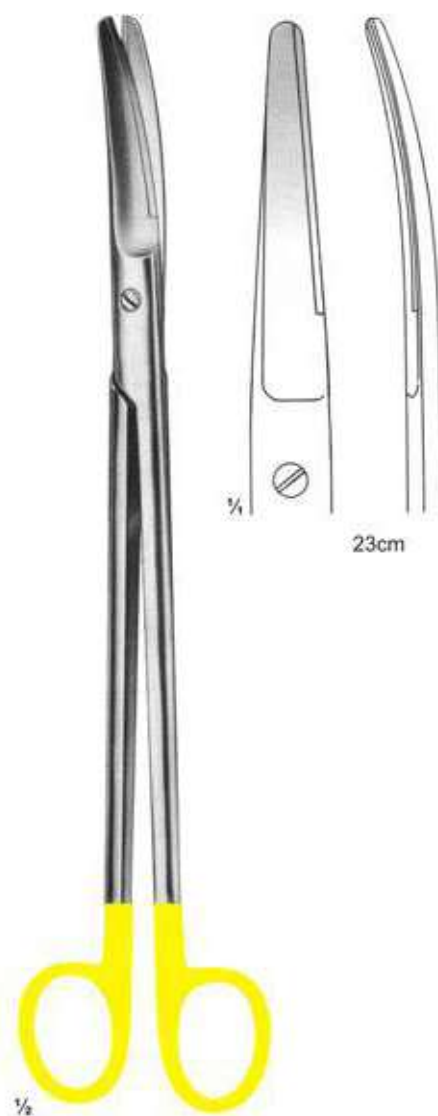
Scissors with Tungsten Carbide Inserts



26-125
Parametrium

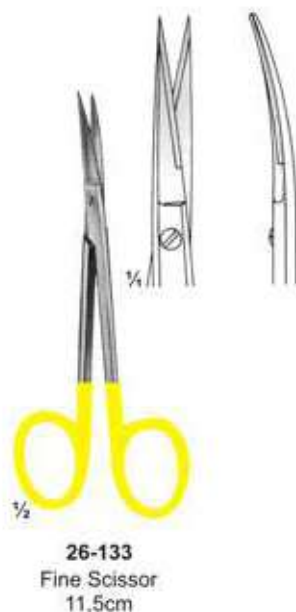
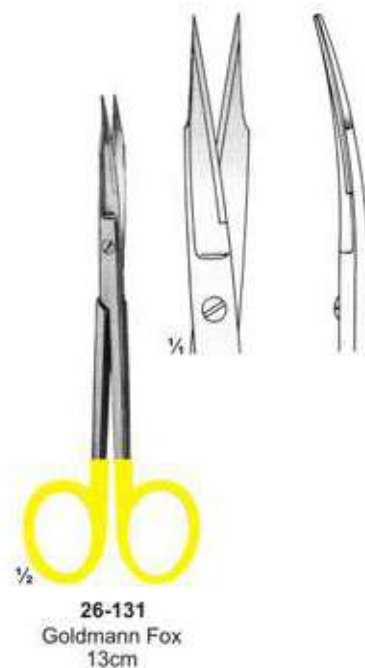


26-126
Mayo-Harrington

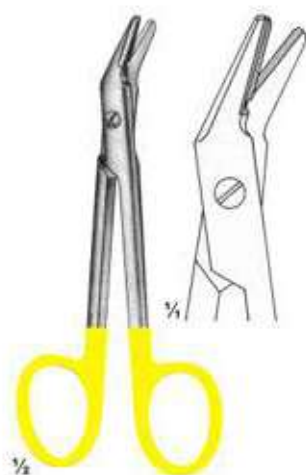


26-127
Sims

Scissors with Tungsten Carbide Inserts



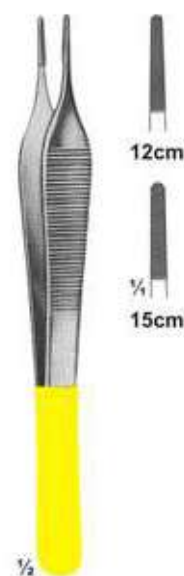
Scissors & Dissecting Forceps with Tungsten Carbide Inserts



26-136
Universal
12cm



26-137
Ligature Scissors
1 Black & 1 Goldplated ring



26-138
Adson



26-139
Cushing
17,5cm



26-140
Cushing
18cm



26-141
Cushing-Taylor
18cm

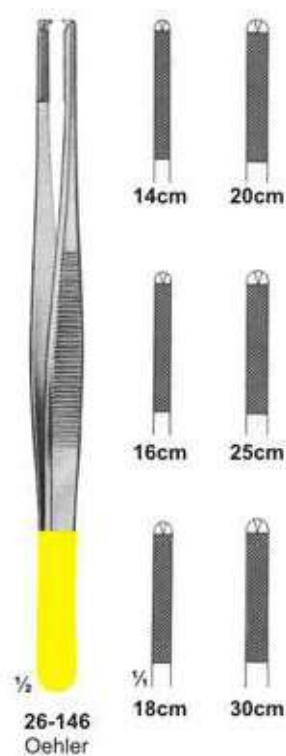
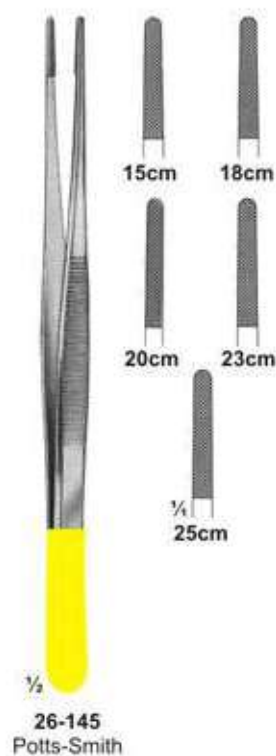


26-142
Dissecting Forceps
15cm



26-143
Semken
15cm

Dissecting Forceps and Needle holders with



Needle holders with Tungsten Carbide Inserts



26-152
Arruga
16cm



26-153
Castroviejo
13cm



26-154
Hegar
20cm 24cm



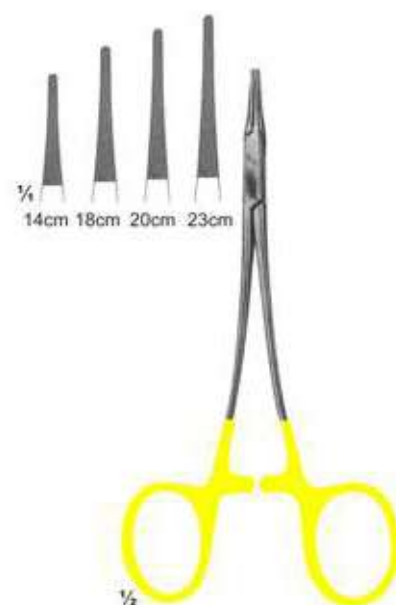
26-155
Halsey
13cm 15cm



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



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



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

Needle holders with Tungsten Carbide Inserts



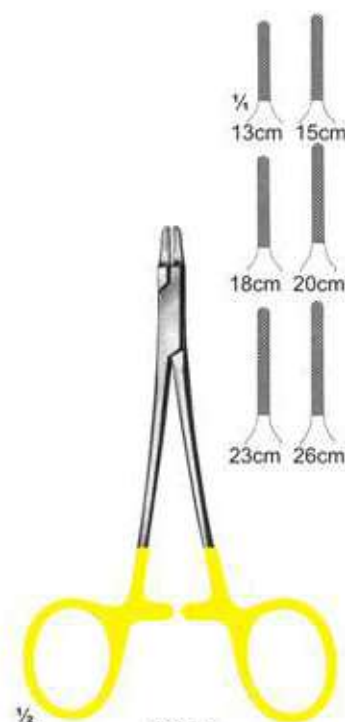
26-159

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

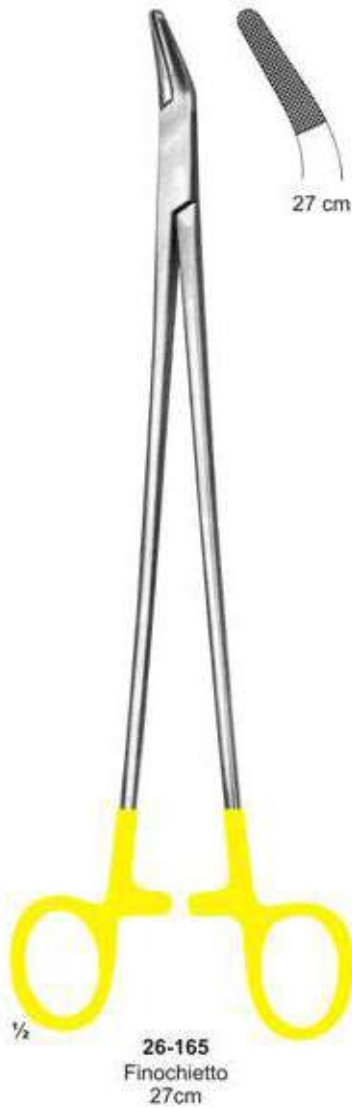
Martin
15cm 17cm 20cm



26-164

Sarot
18cm 20cm 26cm

Needle holders with Tungsten Carbide Inserts





am rays

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

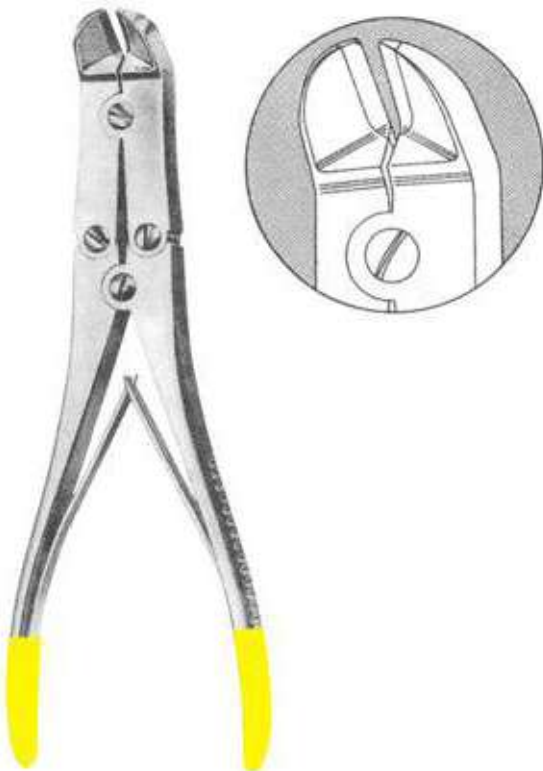
Wire Cutting Plier With T.C. Inserts



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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