

SURGICAL INSTRUMENTS



JEMRASURGICAL

— Manufacturers & Exporters —



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G



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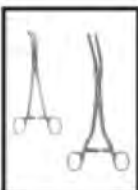










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Percussion Hammers and Aesthesiometers



01-101
TROEMNER
Size: 245 mm



01-102
DEJERINE
Size: 200 mm



01-103
DEJERINE
with needle
Size: 210 mm



01-104
TAYLOR
Size: 195 mm



01-105
BERLINER
Size: 200 mm



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



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



01-108
ALY
Size: 190 mm



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



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



Head Mirrors and Head Bands



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



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



01-118
ZIEGLER
head band of plastic black

01-119
ZIEGLER
head band of plastic white



01-120
MURPHY
head band of celluloid, white



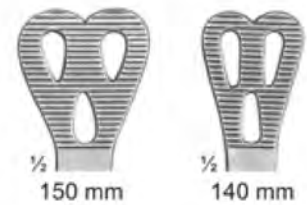
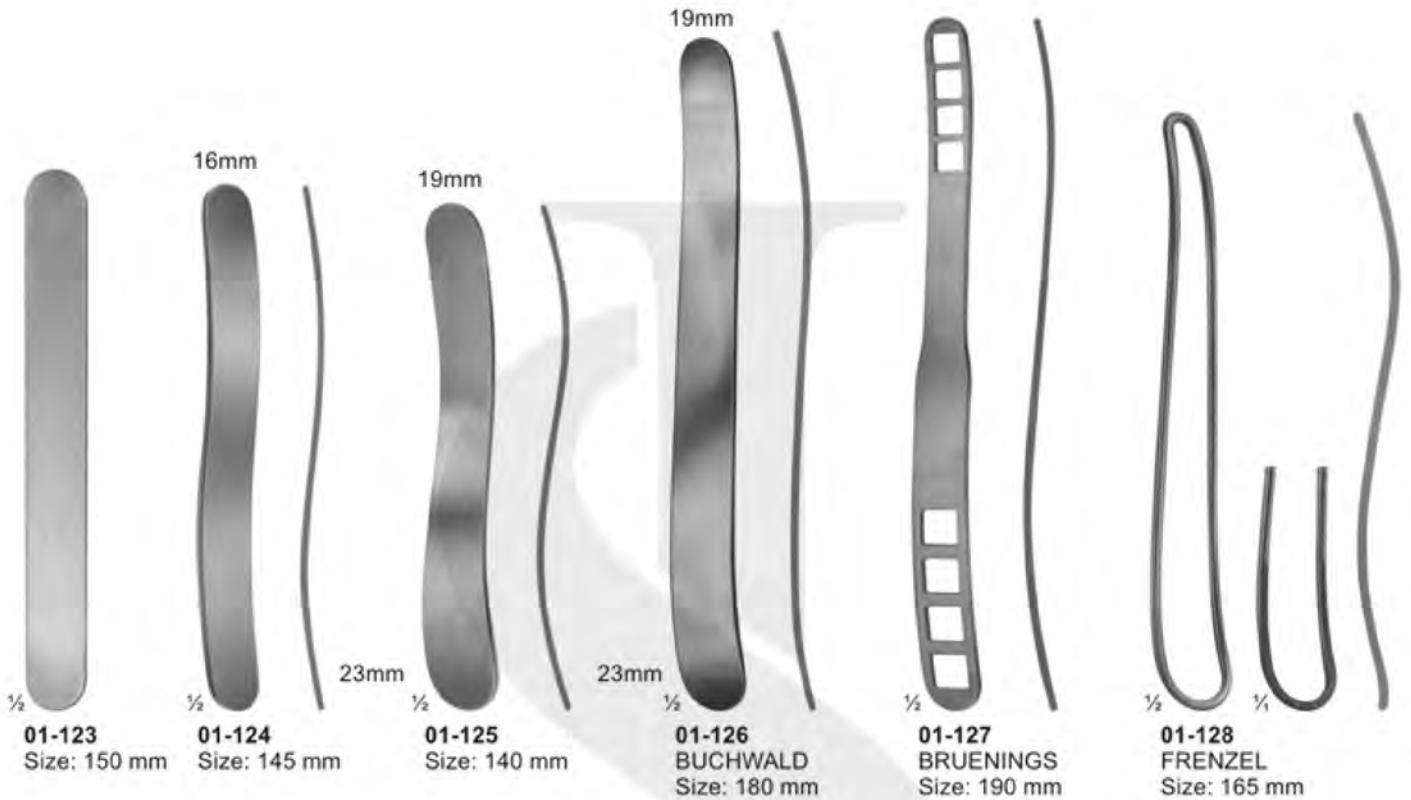
01-121
head band of plastic,
white, soft pattern



01-122
head mirror with black
plastic head band.



Tongue Depressors





Instruments for Anaesthesia and Tongue Forceps



½

01-134
SCHIMMELBUSCH
Ether mask



½

01-135
HEISTER
Mouth gag
Size: 130 mm



½

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



½

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



½

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



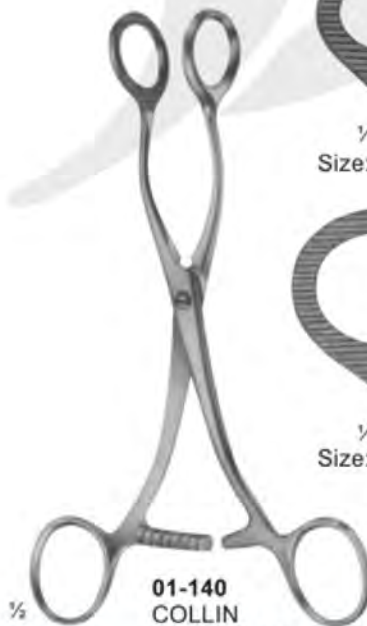
½

01-139
YOUNG
Size: 165 mm



¼

1 Pair Of
Rubber Pads



½

01-140
COLLIN
Size: 160 mm,
170 mm



¼

Size: 160 mm



¼

Size: 170 mm



½

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



Blood Lancets and Laryngeal Mirrors

01-142
FRANCKE
Automatic blood lancet

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

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

01-145
Mirror handle
Size: 110 mm

01-146
Mirror handle
Size: 105 mm

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

01-148
Spare mirrors only
Size: 12 mm

01-149
Spare mirrors only
Size: 14 mm

Fig. 000 \varnothing 6mm

Fig. 00 \varnothing 8mm

Fig. 0 \varnothing 10mm

Fig. 1 \varnothing 12mm

Fig. 2 \varnothing 14mm

Fig. 3 \varnothing 16mm

Fig. 4 \varnothing 18mm

Fig. 5 \varnothing 20mm

Fig. 6 \varnothing 22mm

Fig. 7 \varnothing 24mm

Fig. 8 \varnothing 26mm

Fig. 9 \varnothing 28mm

Fig. 10 \varnothing 30mm



Laryngoscope and Diagnostic Sets



01-154



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



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



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



01-155



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



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



Laryngoscopes



1/2

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



1/2

**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

1/2

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



Laryngoscopes



1/2

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



1/2

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. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4

1/2

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)



Fig. 1



Fig. 2



Fig. 3



Fig. 4

1/2

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)



1/2

01-164
Fiber Optic
Battery Handle
30mm diam.



1/2

01-165
Fiber Optic
Battery Handle
18mm diam.



1/2

01-166
Replacement Lamp
(Krypton) 2.5 V



1/2

01-167
Replacement
(Halogen) 2



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

Blade length
Amputating Knives

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

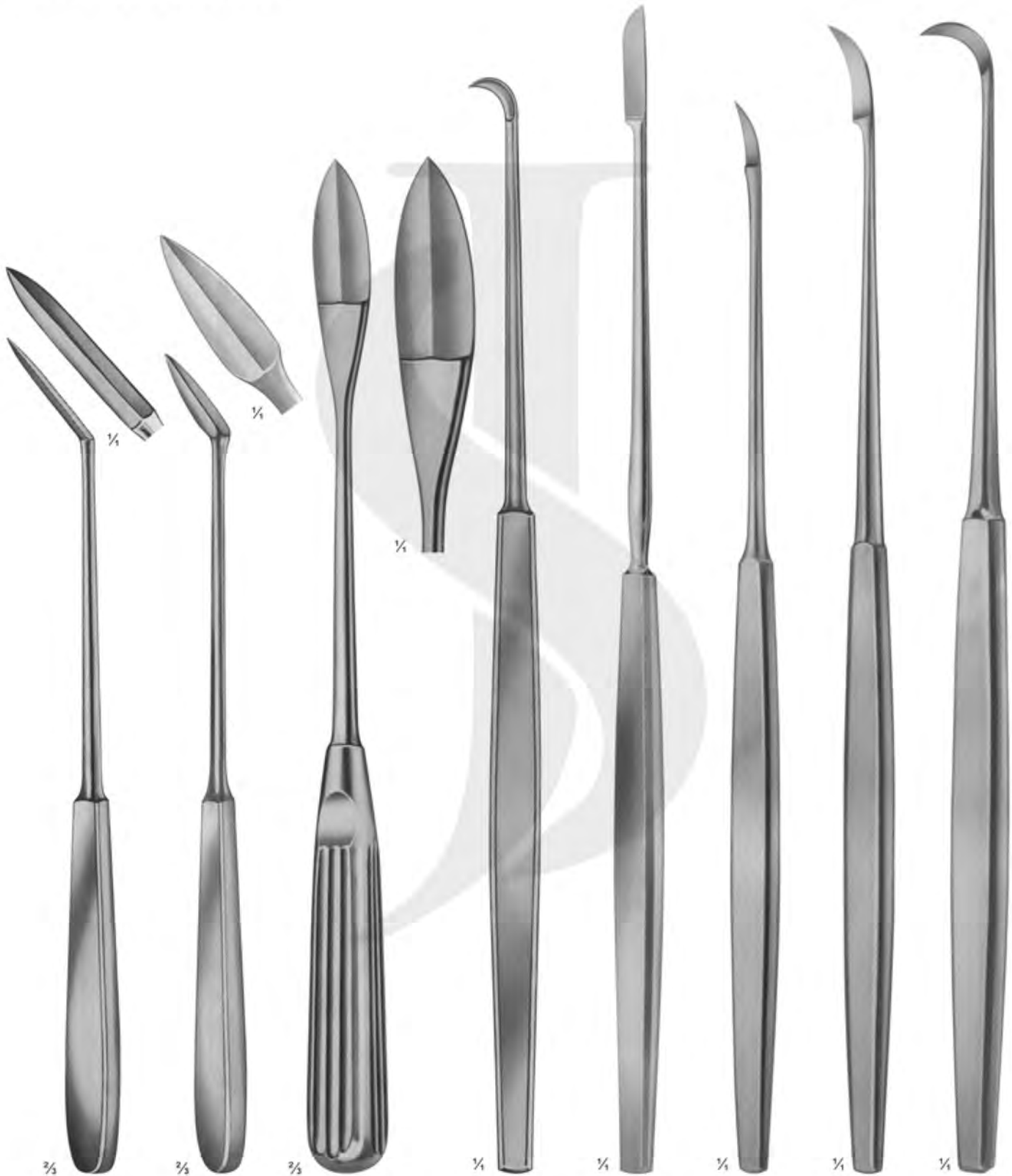
Size: 80 mm
Blade length
Metal handle

02-121

Size: 195 mm
Blade length
Metal handle



Cone Knives, Myomatome, Trigeminal and Tonsil Knives



02-122
AYRE
Size: 235 mm
Cone Knife

02-123
Size: 230 mm
Cone Knife

02-124
SEGOND
Size: 270 mm
Myomatome

02-125
OLIVECRONA
Size: 205 mm
Trigeminal
Knife

02-126
Size: 230 mm
Trigeminal
Knife

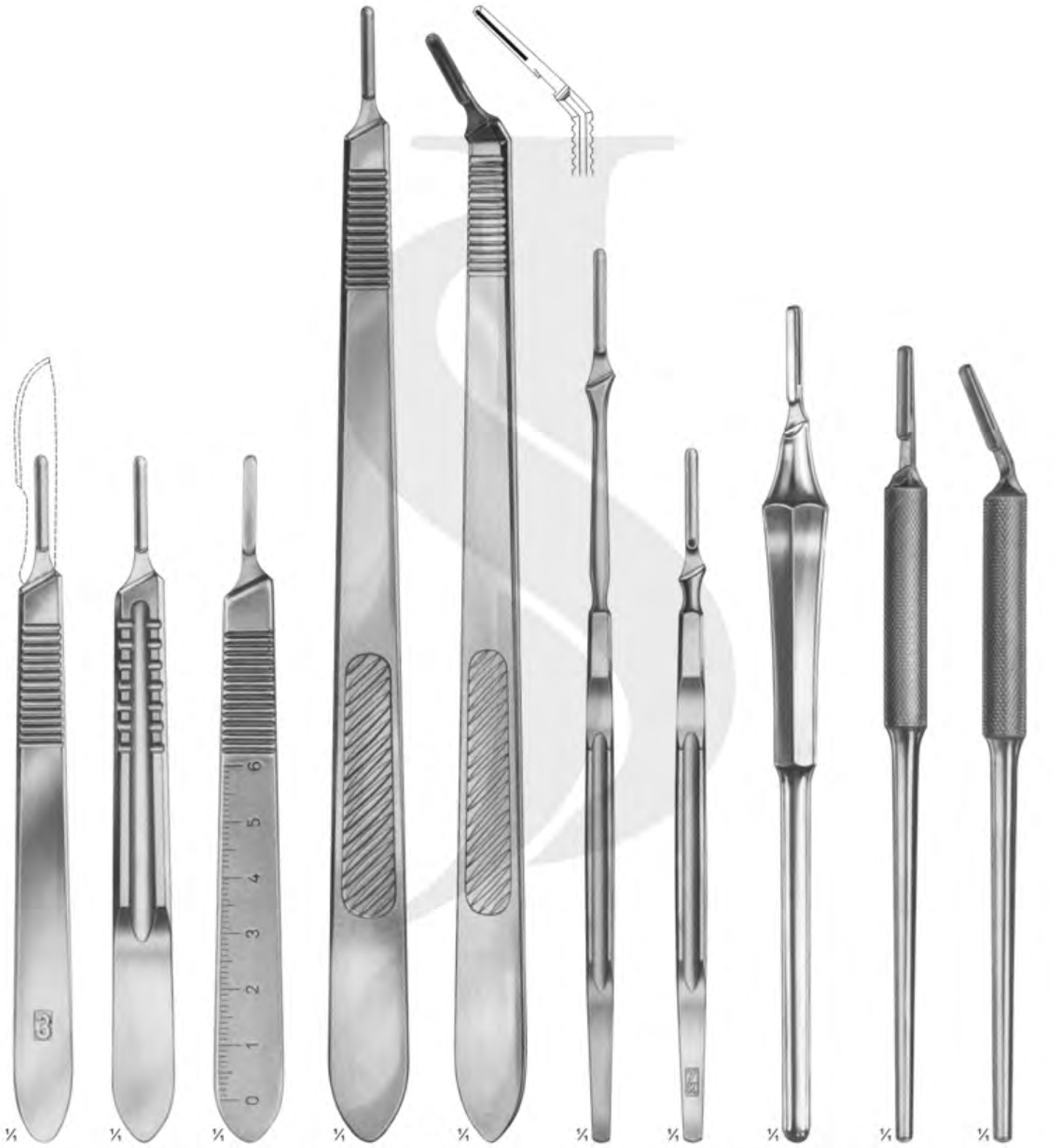
02-127
FOWLER
Size: 200 mm
Tonsil Knife

02-128
ABRAHAM
Size: 215 mm
Tonsil Knife

02-129
BRUNINGS
Size: 215 m
Tonsil Knife



Scalpel Handles



02-130
STANDARD
No. 3
Solid
12 cm

02-131
No. 3
Solid
12 cm

02-132
No. 3
Solid
12 cm

02-133
No. 3 L
Straight
Solid
21.5 cm

02-134
No. 3 L
Angled
Solid
21 cm

02-135
No. 7
Solid
16 cm

02-136
No. 7 K
Solid
12.5 cm

02-137
Hollow-Round
15.5 cm

02-138
No. 3
Straight
Solid,
Round
14.5 cm

02-139
No. 3
Angled
Solid,
Round
14 cm



Micro Scissors (Spring Type) with Flat Handles



03-101 - 103
VANNAS
Size: 85 mm

03-104 - 105
CASTROVIEJO
Size: 95 mm

03-106
NOYES
Size: 125 mm



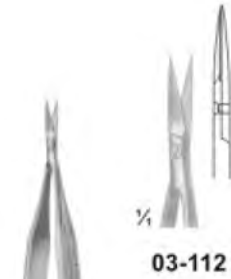
03-107 - 108
WECKER
Eye scissor
Size: 110 mm

03-109
CASTROVIEJO
Eye scissor
Size: 115 mm

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



Micro Scissors (Spring Type) with Flat Handles



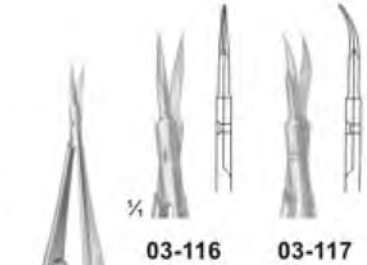
03-112 03-113

03-112 - 113
Size: 120 mm



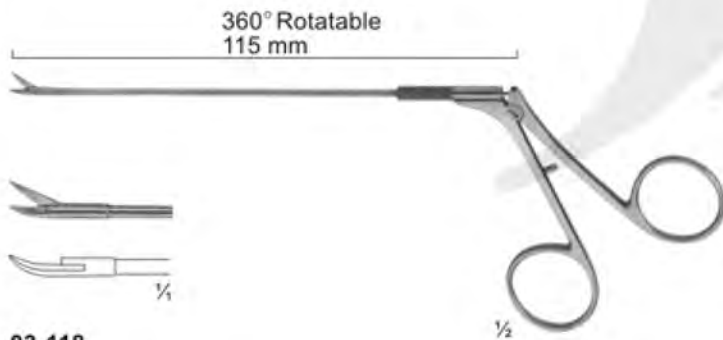
03-114 03-115
Size: 160 mm

03-114
BIEMER
Vein scissor
Size: 130 mm



03-116 03-117

03-116 - 117
VANNAS
Size: 160 mm



360° Rotatable
115 mm

03-118
CASPAR
Micro scissor curved
Size: 115 mm



03-119 03-120 03-121



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



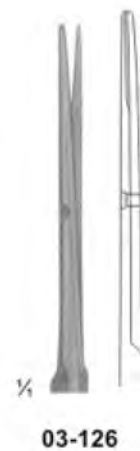
Micro Scissors (Spring Type) bayonet-Shaped



03-122
YASARGIL
Size: 245 mm

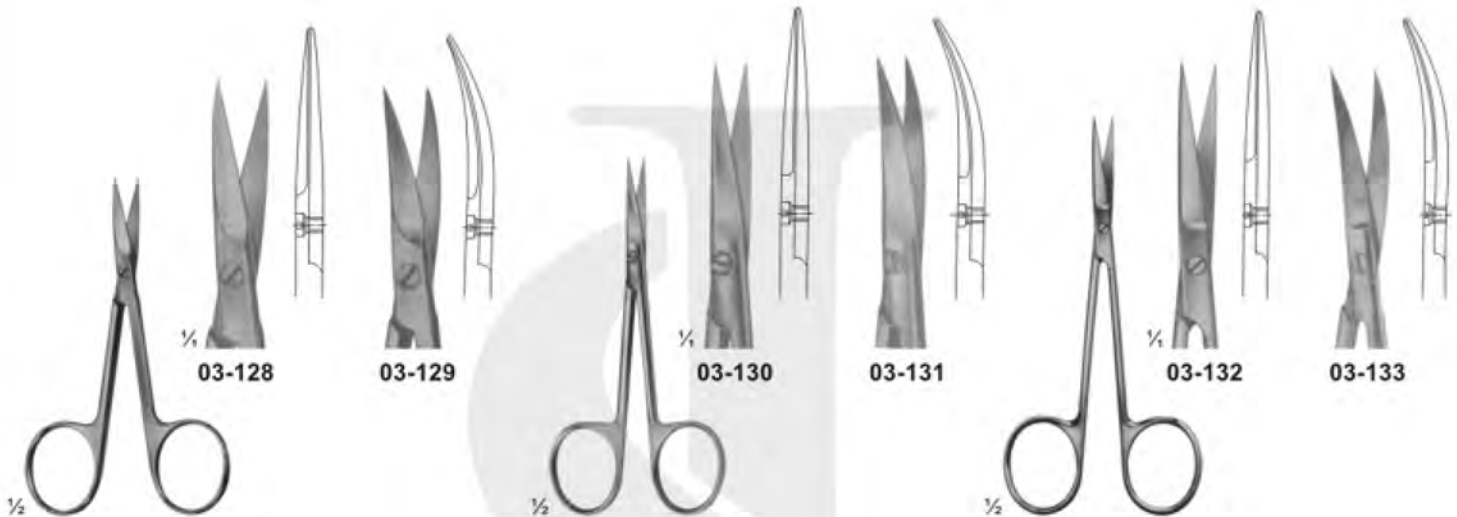


03-125
laterally angled
Size: 190 mm





Delicate Scissors



1/2
03-128

03-129

1/2
03-130

03-131

1/2
03-132

03-133

03-128 - 129
Size: 90 mm

03-130 - 131
Size: 95 mm

03-132 - 133
Size: 105 mm



1/2
03-134

03-135

1/2
03-136

03-137

03-134 - 135
Size: 120 mm

03-136 - 137
Size: 115 mm



Delicate Scissors



03-138 - 140
Size: 120 mm



03-138



03-139



03-140



03-141



03-142



03-143



03-144



03-141 - 144
Size: 130 mm



Surgical Scissors



03-145 - 153 (Standard types)

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

03-145

Size: 105 mm

03-153

Size: 200 mm

03-154 - 160 (Standard types)

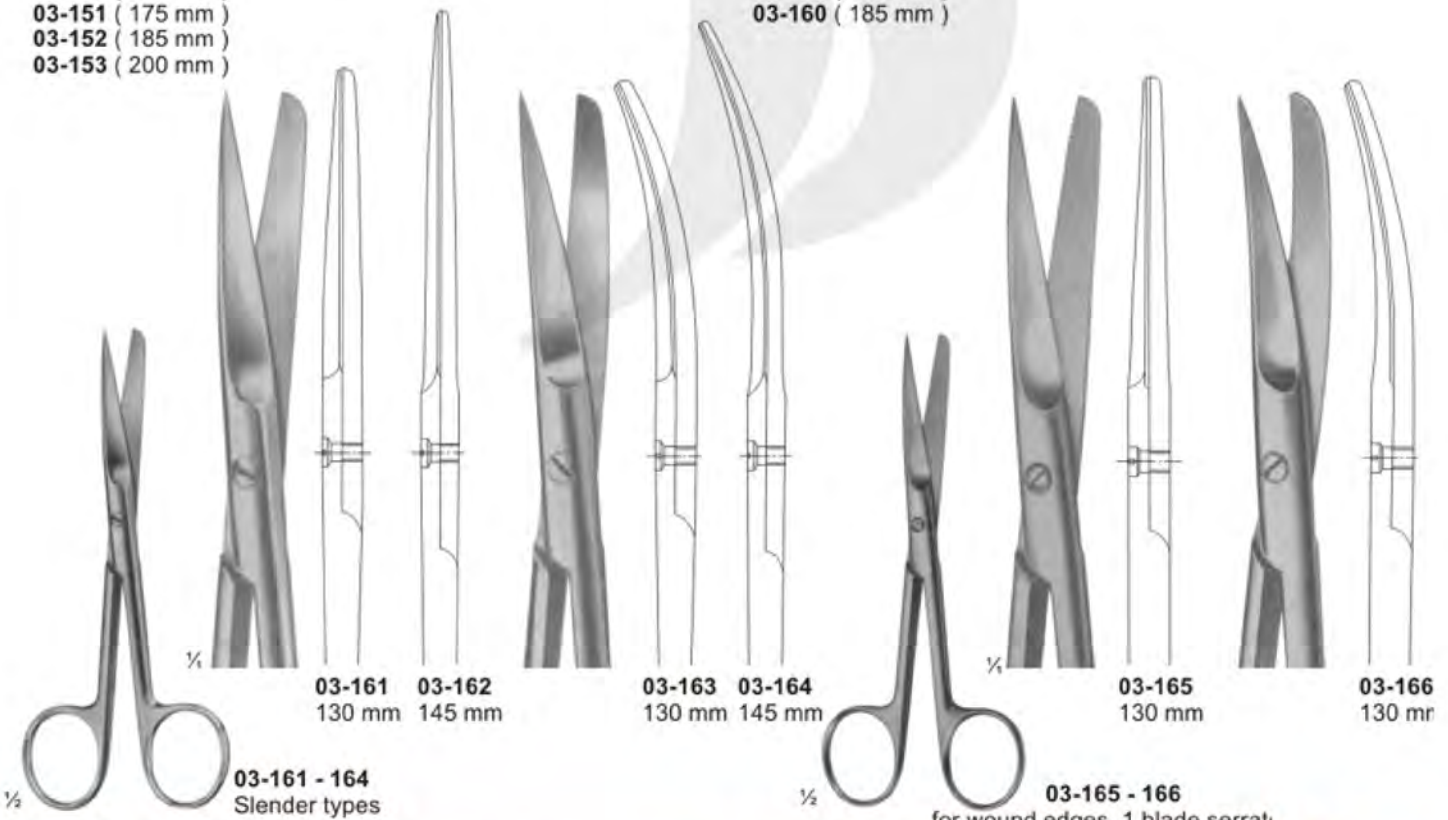
- 03-154 (115 mm)
- 03-155 (130 mm)
- 03-156 (145 mm)
- 03-157 (150 mm)
- 03-158 (165 mm)
- 03-159 (175 mm)
- 03-160 (185 mm)

03-154

Size: 115 mm

03-160

Size: 185 mm



03-161

130 mm

03-162

145 mm

03-163

130 mm

03-164

145 mm

03-165

130 mm

03-166

130 mm

03-161 - 164
Slender types

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



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

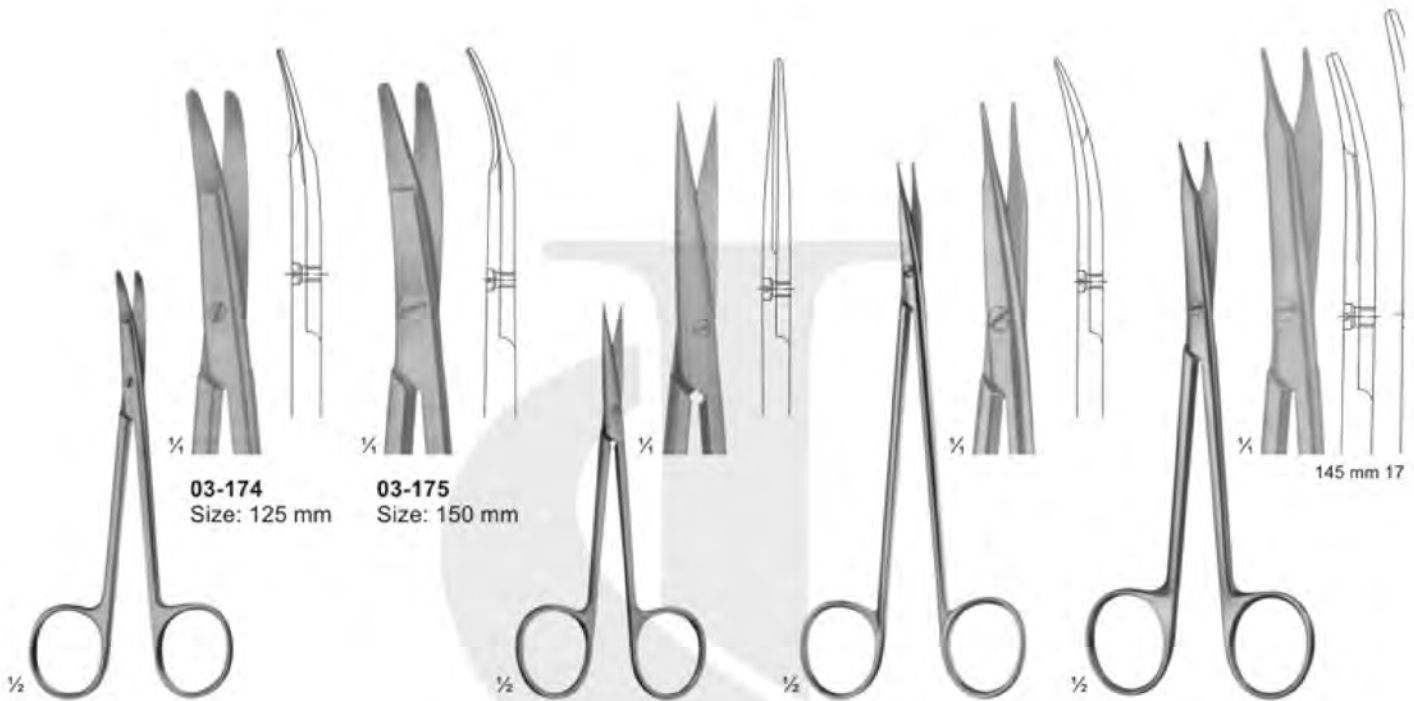


03-173
Size: 130 m





Dissecting Scissors



03-174
Size: 125 mm

03-175
Size: 150 mm

03-176
Size: 115 mm

03-177
Size: 150 mm

03-178
Size: 145 - 175 mm

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



03-180
very delicate

03-181
delicate

03-182
very delicate

03-183
delicate

03-184
delicate

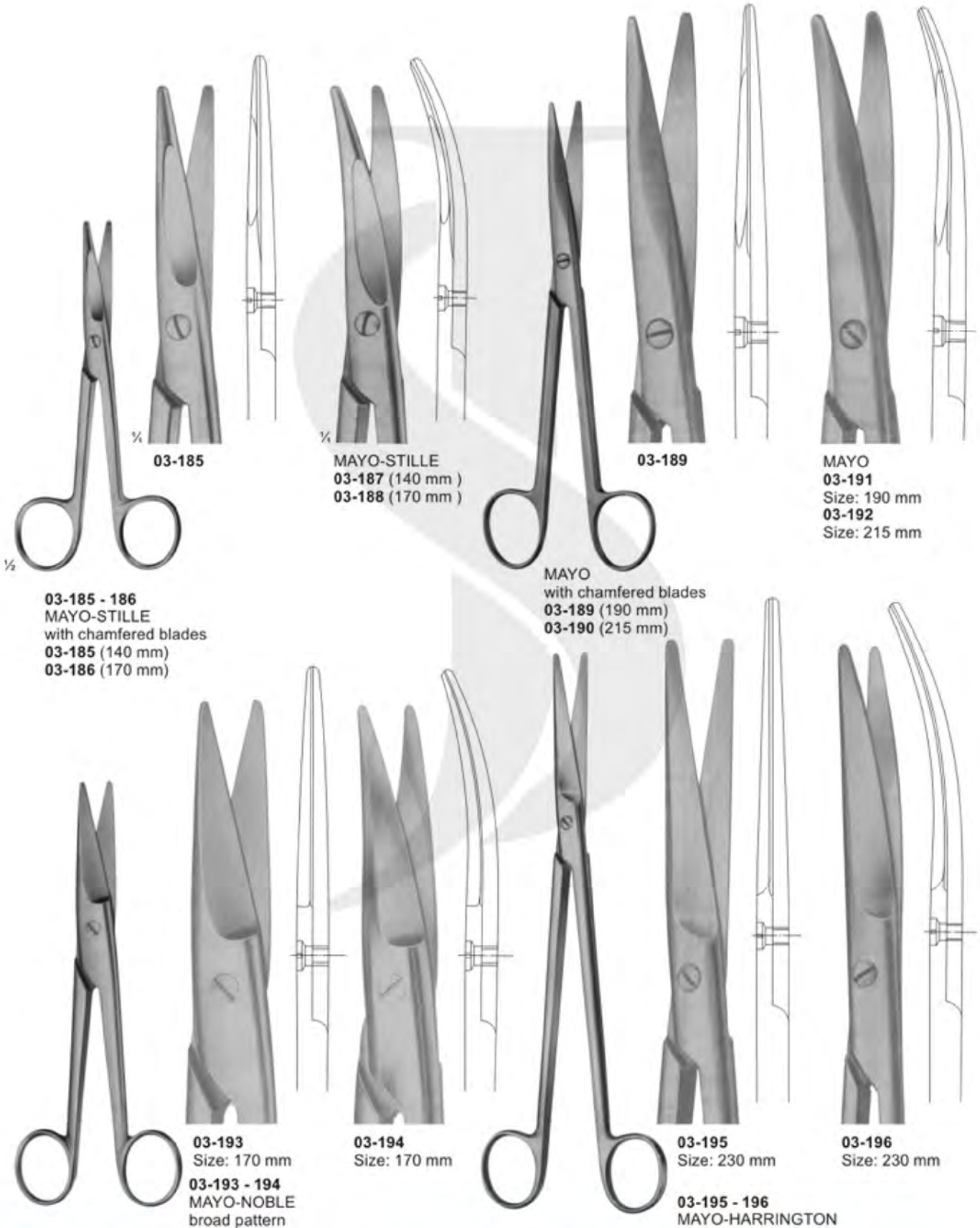
03-179
DE BAKEY
Arteriotomy scissors
Size: 175 mm

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

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



Dissecting Scissors



03-185

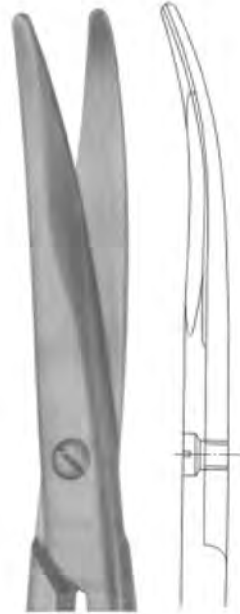


MAYO-STILLE
03-187 (140 mm)
03-188 (170 mm)



03-189

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

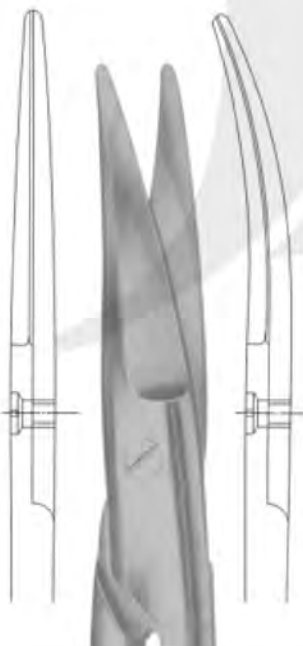


MAYO
03-191
Size: 190 mm
03-192
Size: 215 mm

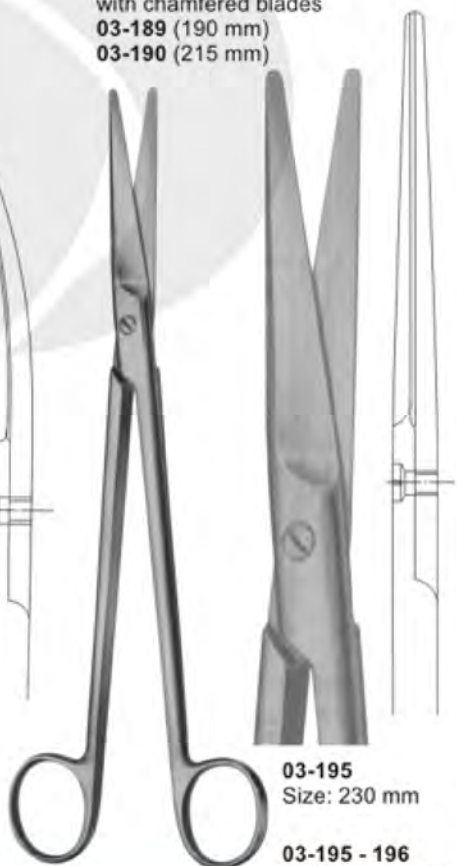
03-185 - 186
MAYO-STILLE
with chamfered blades
03-185 (140 mm)
03-186 (170 mm)



03-193
Size: 170 mm
03-193 - 194
MAYO-NOBLE
broad pattern

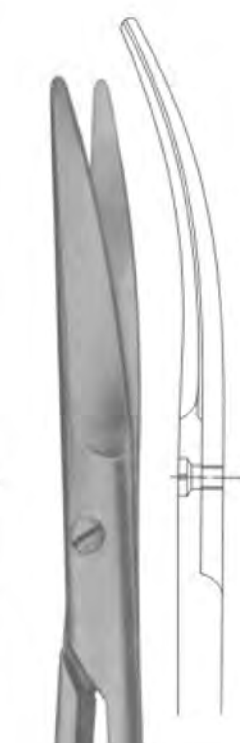


03-194
Size: 170 mm



03-195
Size: 230 mm

03-195 - 196
MAYO-HARRINGTON



03-196
Size: 230 mm





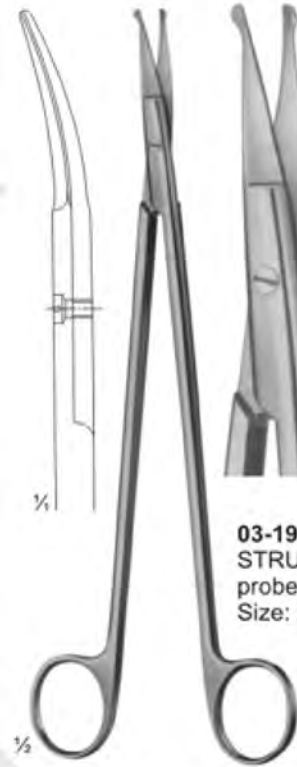
Scissors for Cardiovascular and Neuro-Surgery



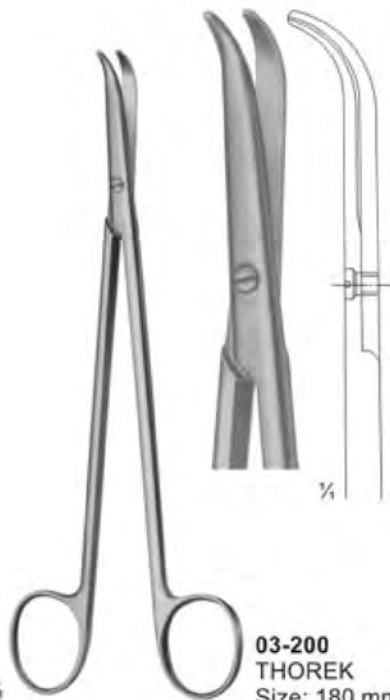
03-197
OLIVECRONA
Dura scissors



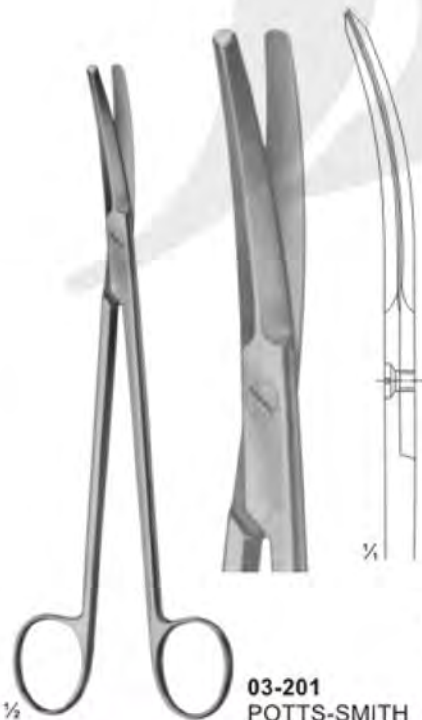
03-198
STRULLY
pointed
Size: 220 mm



03-199
STRULLY
probe pointed
Size: 220 mm



03-200
THOREK
Size: 180 mm



03-201
POTTS-SMITH
Size: 190 mm



03-202
SATINSKY
Size: 245 mm



Delicate, Nasal and Tonsil Scissors

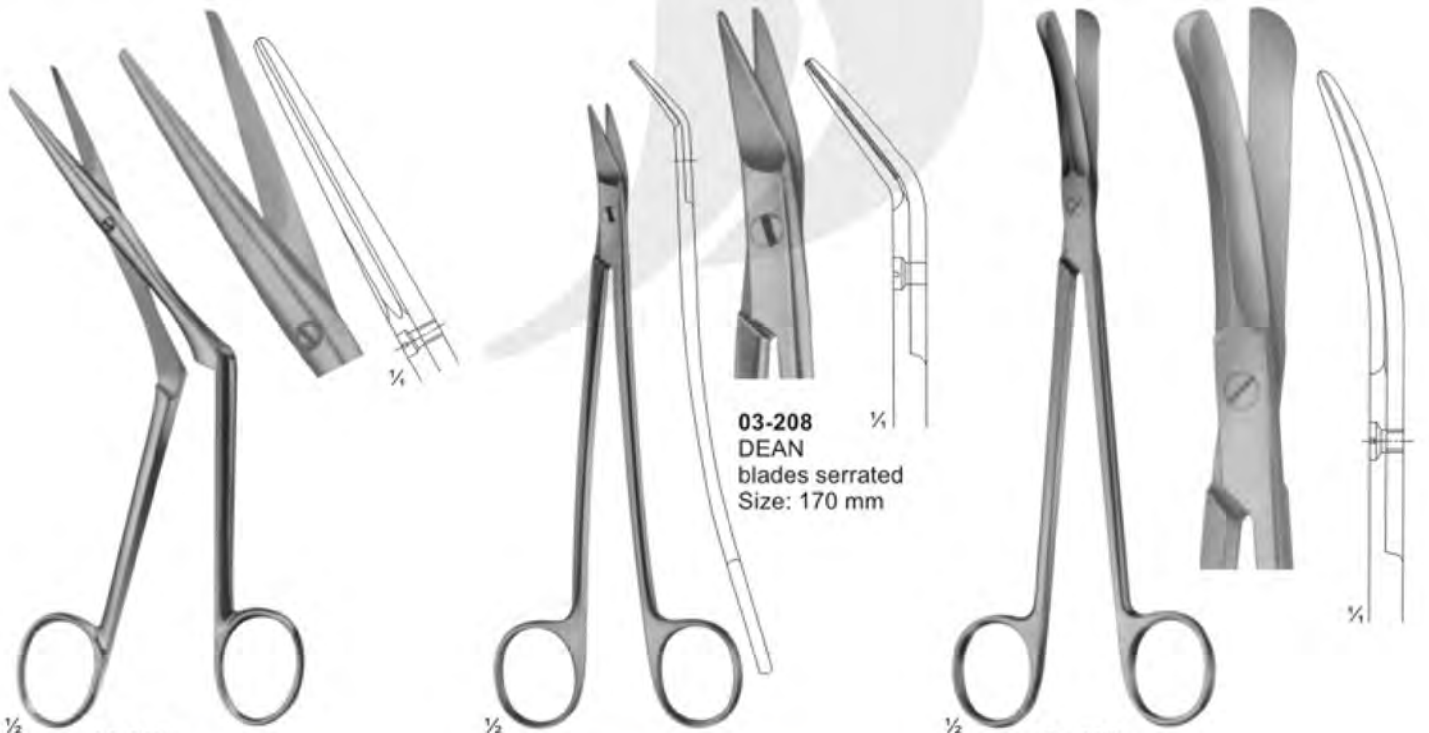


03-203
1 finely toothed blade
Size: 130 mm

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

03-205
FOMON
blades serrated
Size: 145 mm

03-206
COTTLE
Size: 165 mm



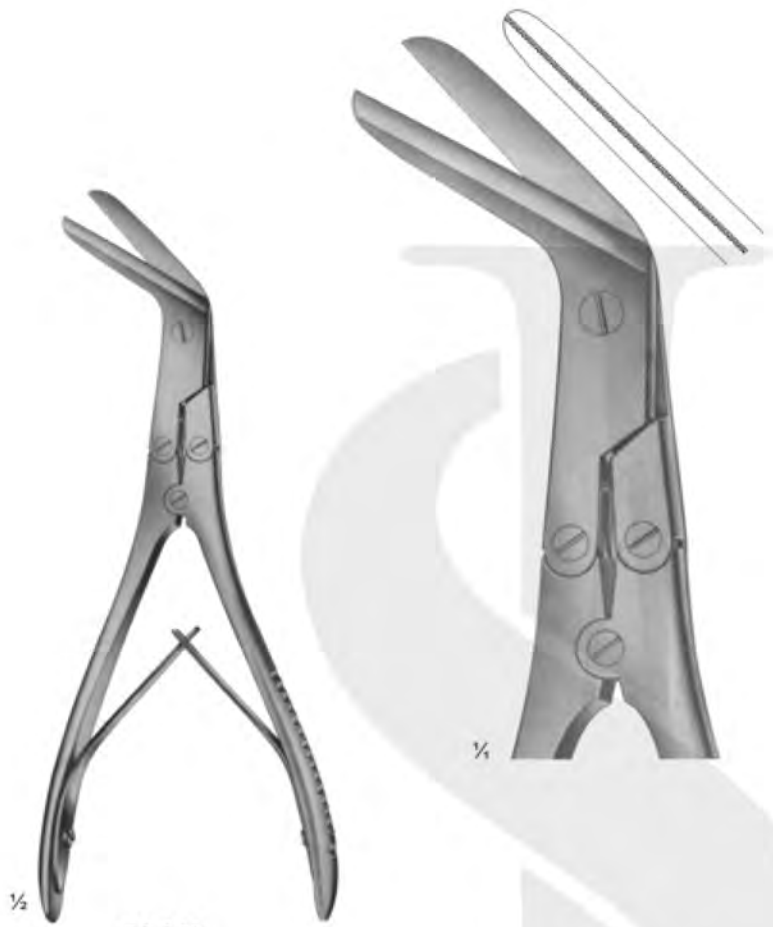
03-207
HEYMANN-KNIGHT
Size: 175 mm

03-208
DEAN
blades serrated
Size: 170 mm

03-209
GOOD
Size: 195 mm



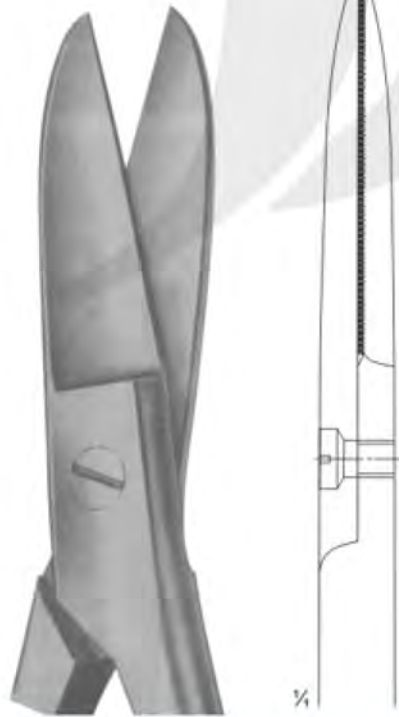
Bone Shears



03-210
KILLIAN
Size: 200 mm



03-211 - 03-212



03-211
195 mm

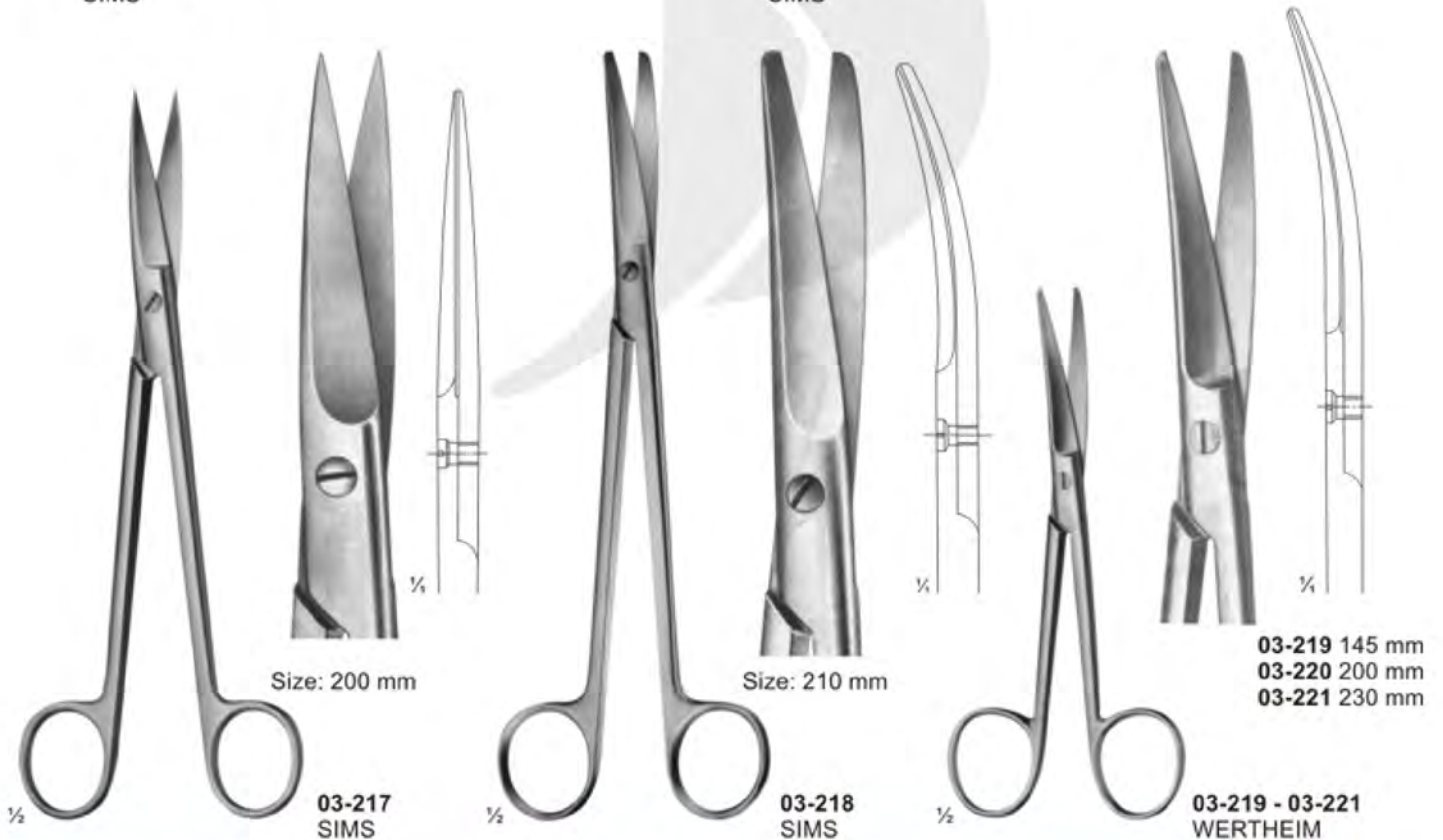
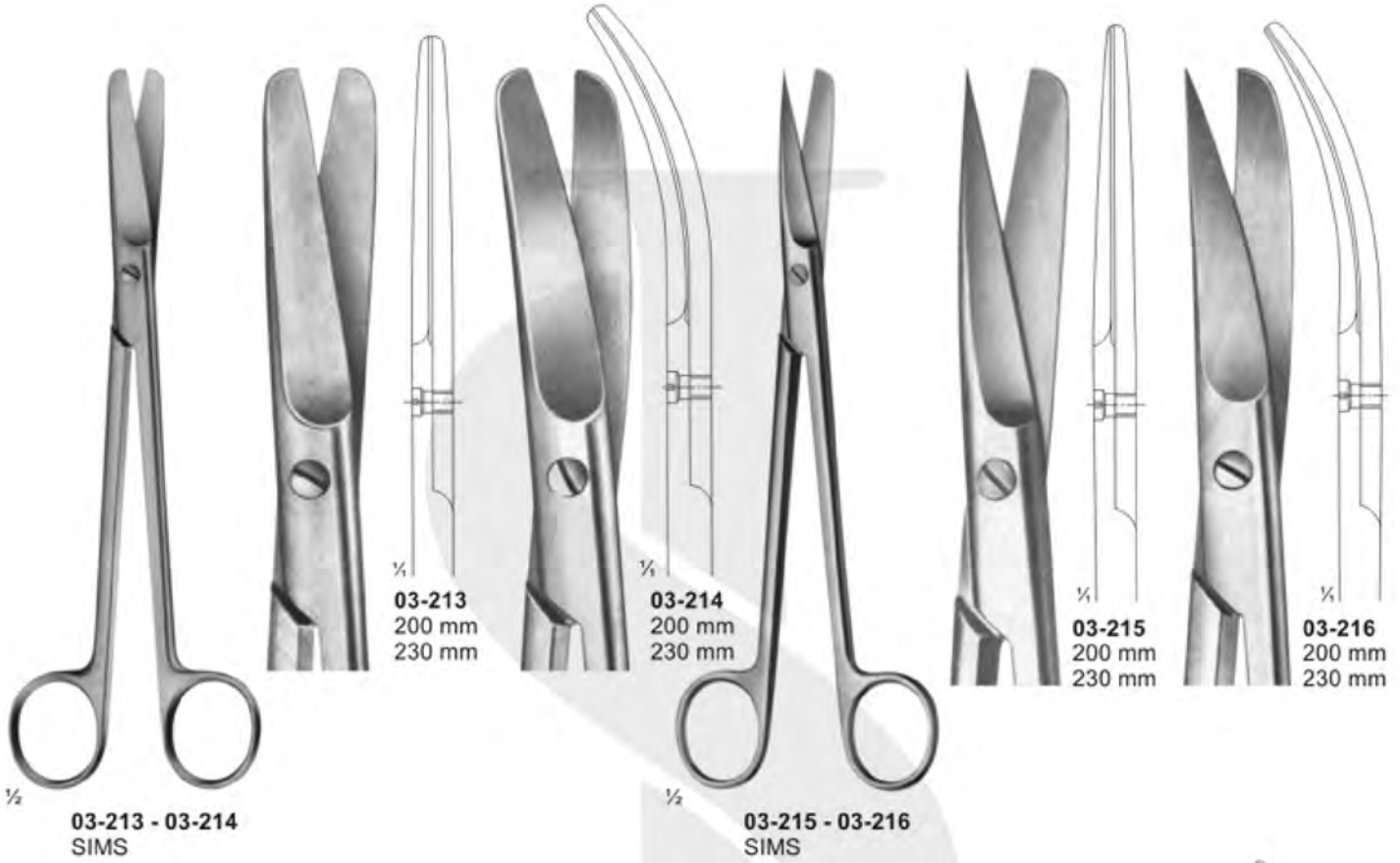


03-212
225 mm





Scissors for deep operations and for Gynaecology





Scissors for Obstetrics



03-222
SCHUMACHER
Umbilical cord scissors
Size: 155 mm

03-223
Umbilical cord scissors
Size: 105 mm

03-224
Umbilical cord scissors

135 mm



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

03-225
145 mm

03-226
200 mm

03-227
Episiotomy scissors
240 mm

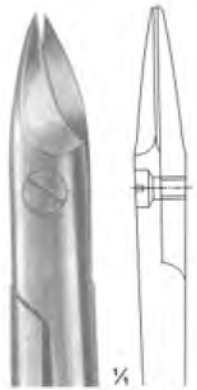


Wire and Plate Scissors

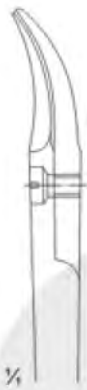


1/2

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



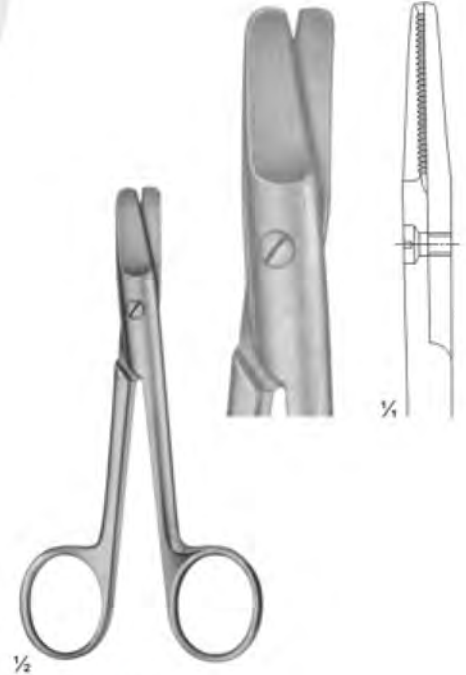
1/2

03-233
1 blade serrated
Size: 120 mm



1/2

03-234
STRACK
Size: 100 mm



1/2

03-235
HARVEY
blades serrated
Size: 125 mm



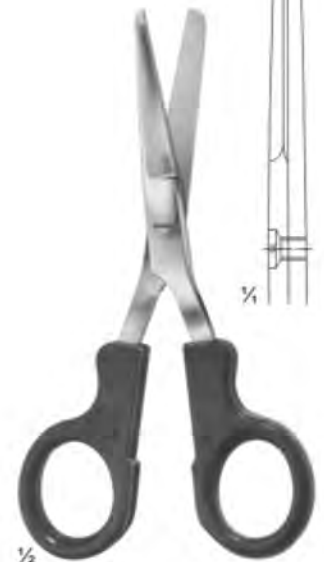
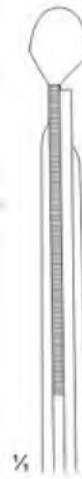
Bandage and Cloth Scissors



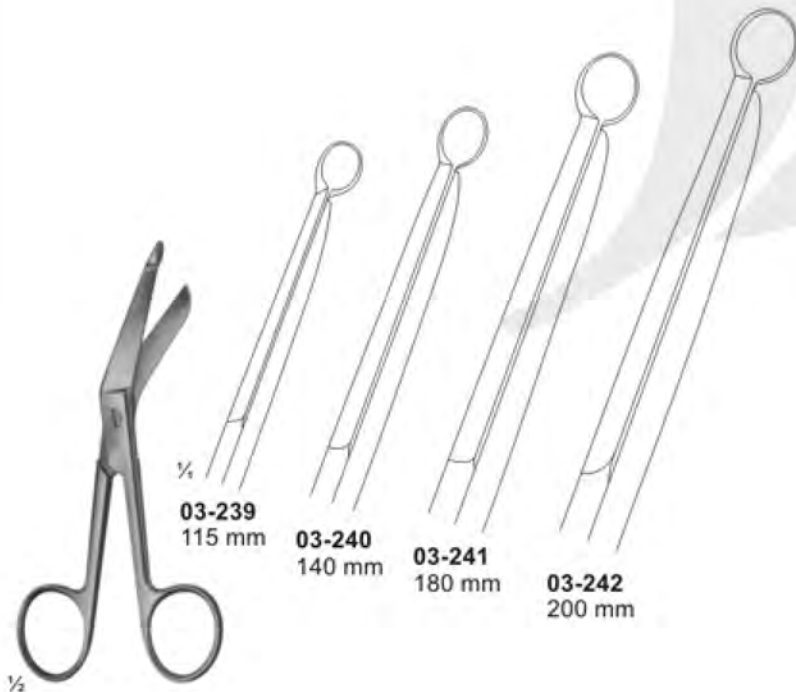
03-236
Universal bandage and cloth scissors,
with toothed edges
180 mm



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



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



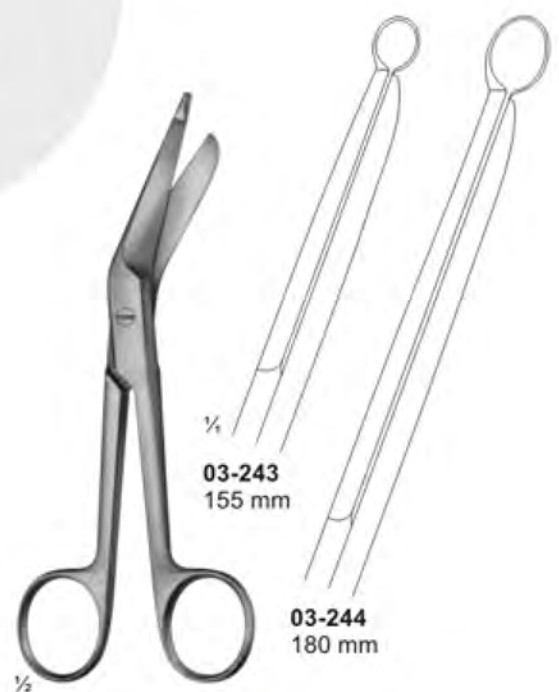
03-239 - 03-242
LISTER

03-239
115 mm

03-240
140 mm

03-241
180 mm

03-242
200 mm



03-243 - 03-244
LISTER

03-243
155 mm

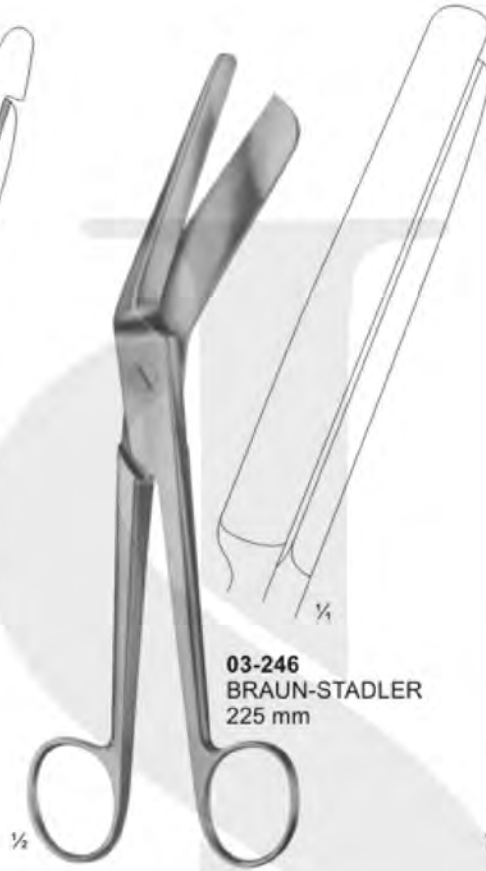
03-244
180 mm



Bandage-, Cloth-, and Plaster Scissors



03-245
CLOTH SCISSORS
205 mm



03-246
BRAUN-STADLER
225 mm

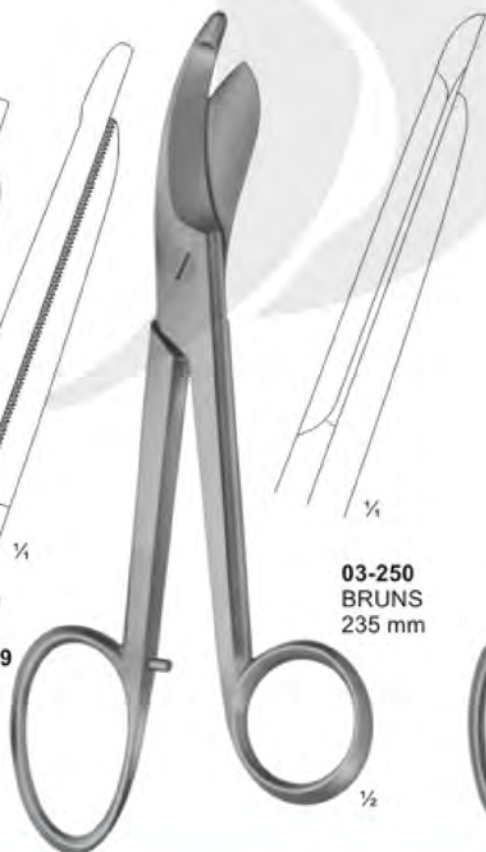


03-247
SEUTIN
230 mm

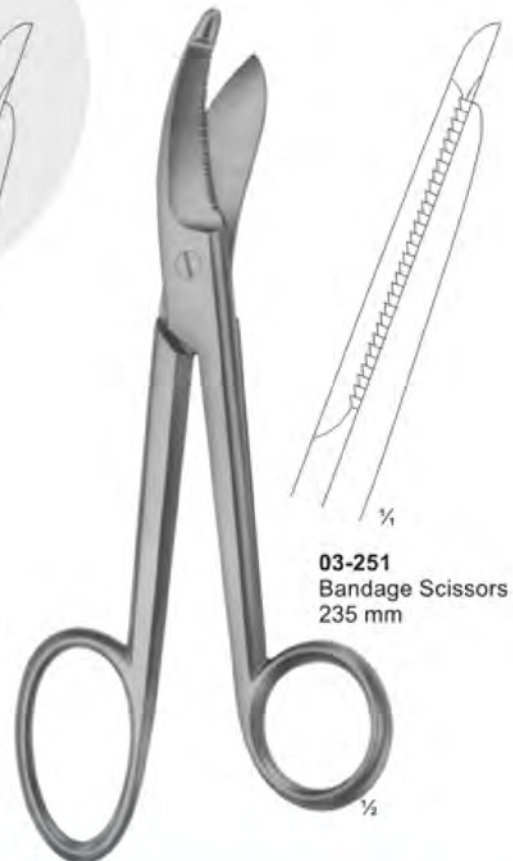


03-248 **03-249**
200 mm 230 mm

03-248 - 03-249
ESMARCH



03-250
BRUNS
235 mm

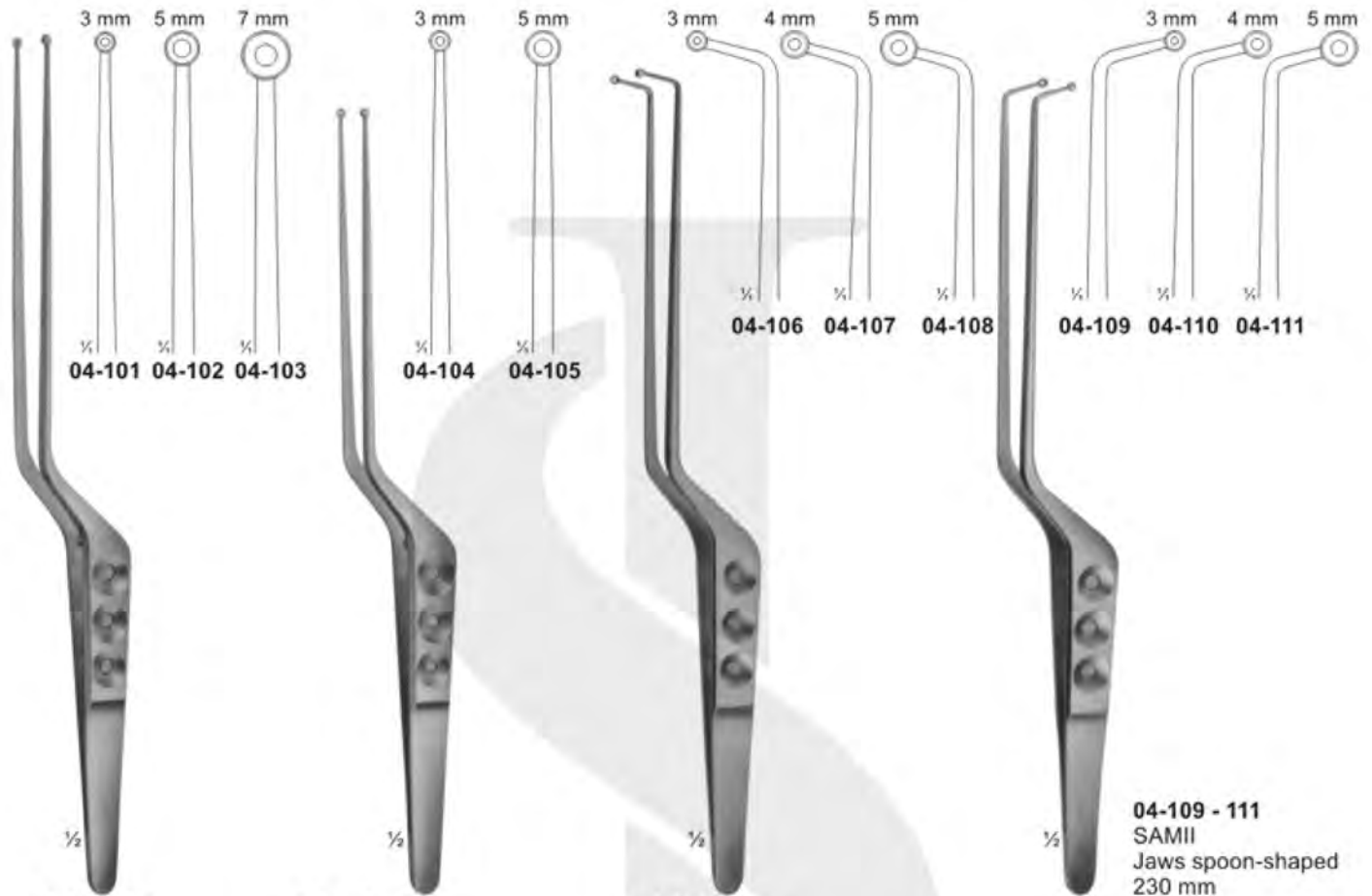


03-251
Bandage Scissors
235 mm





Forceps for grasping tissue, tumors etc.



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

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

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

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

04-112
HUNT
Tumor-and
vessel forceps
200 mm



04-113
HUNT
Tumor-and
vessel forceps
200 mm



04-114
YASARGIL
Tumor-and
vessel forceps
200 mm





**Delicate Dissecting, Microscopic,
Sterilizing Forceps**



04-115
THORPE
Corneal forceps
120 mm



04-116
MICRO-ADSON
120 mm



04-117
ADSON
120 mm



04-118
MICRO-ADSON
150 mm



04-119 - 121
100 mm



04-119



04-120



04-121



04-122
BONACCOLTO
110 mm



04-123
115 mm



04-124 - 133



04-124
90 mm



04-125
105 mm



04-126
115 mm



04-127
130 mm



04-128
145 mm



04-129
90 mm



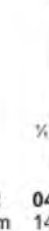
04-130
105 mm



04-131
115 mm



04-132
130 mm



04-133
145 mm



04-134
100 mm



04-135
100 mm



04-136
100 mm



04-137
KUHNE
Cover glass forceps, 105 mm



04-138
160 mm



Delicate Dissecting Forceps



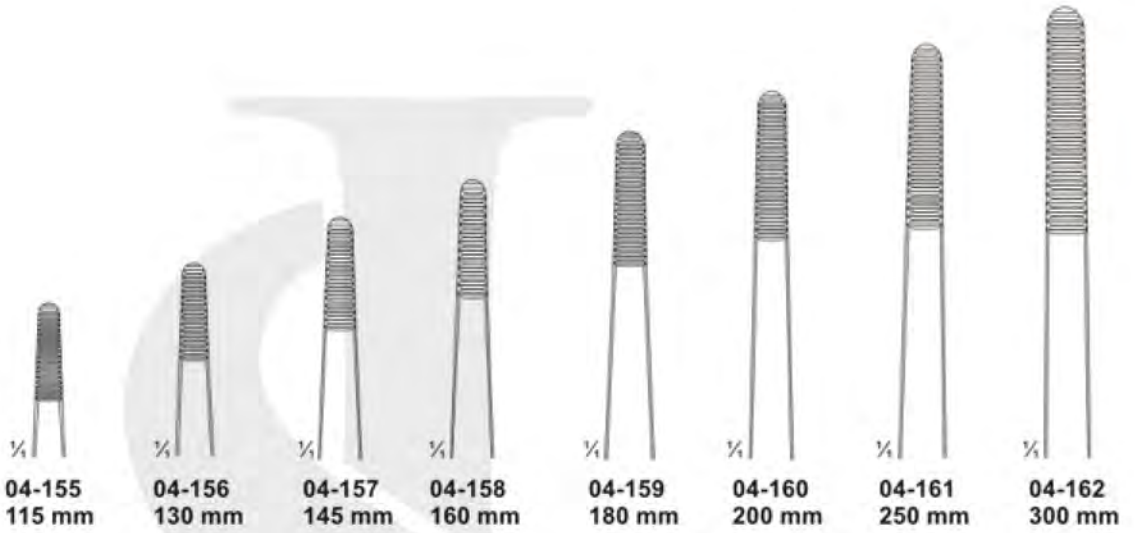


Dissecting Forceps



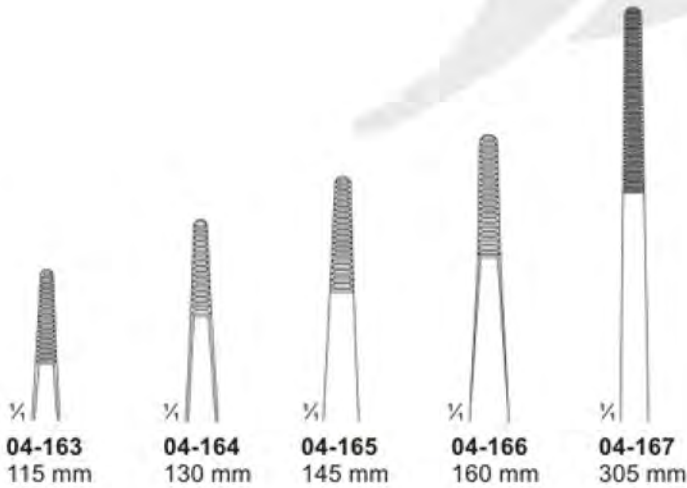
1/2

04-155 - 04-162
STANDARD



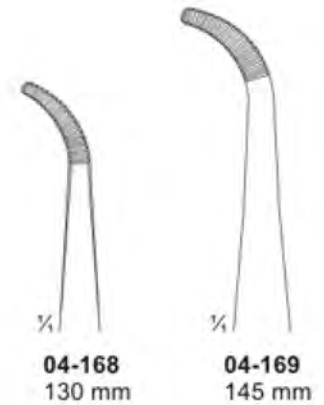
1/2

04-163 - 04-167
MEDIUM



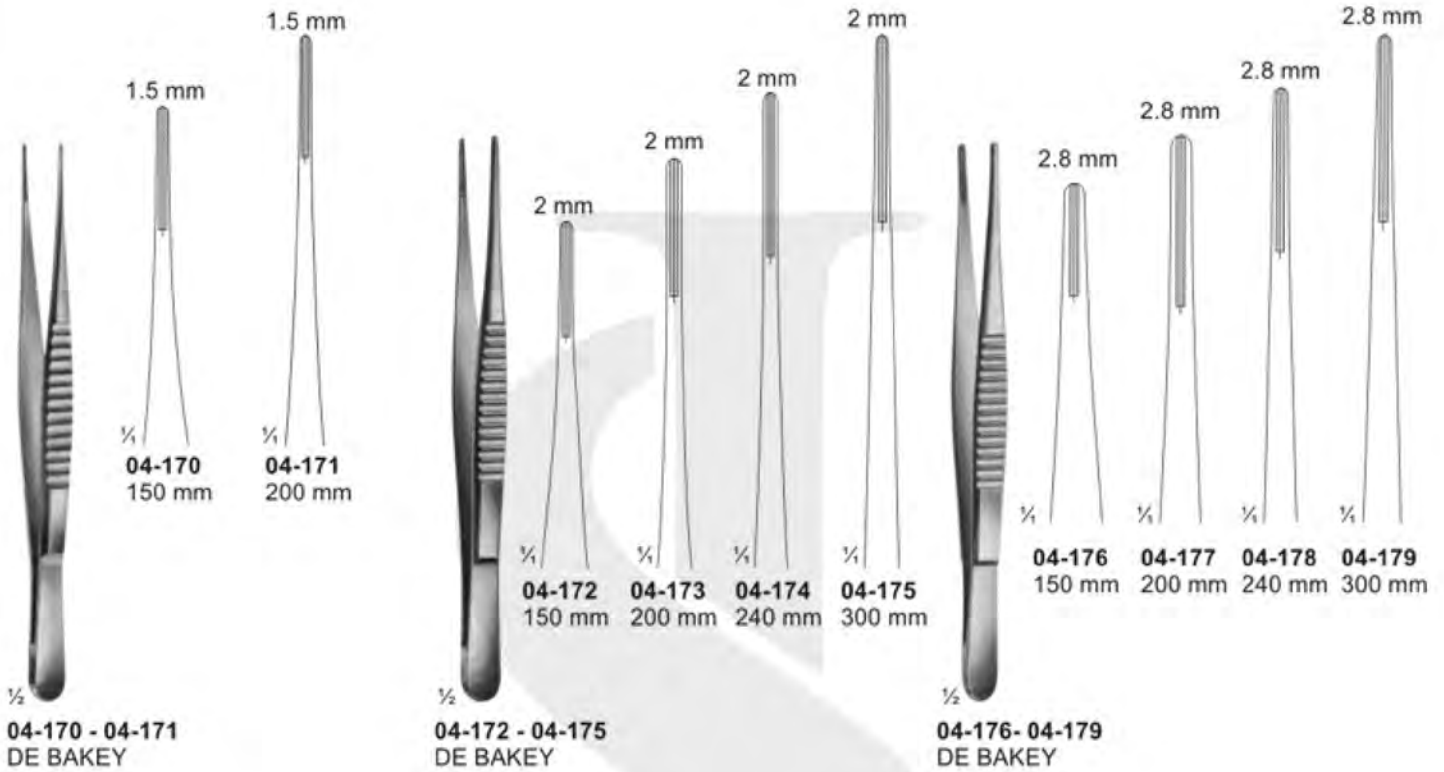
1/2

04-168 - 04-169
MEDIUM



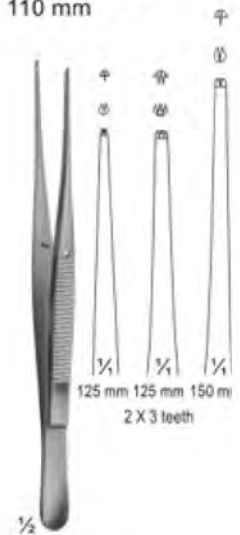
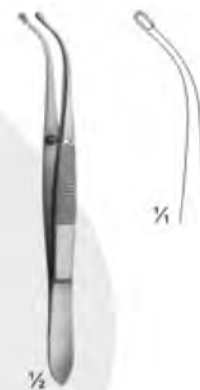
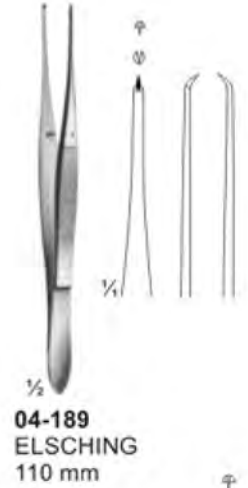
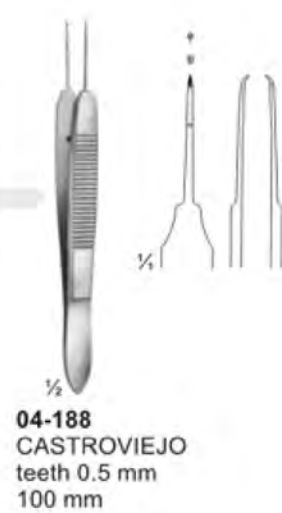
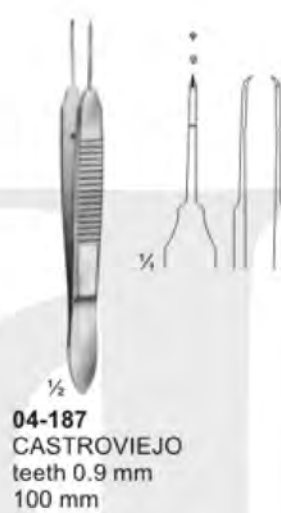
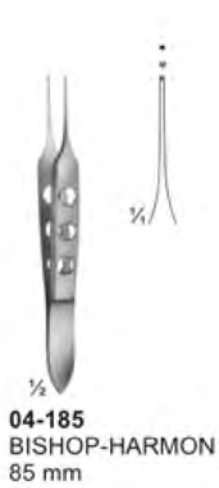


Forceps



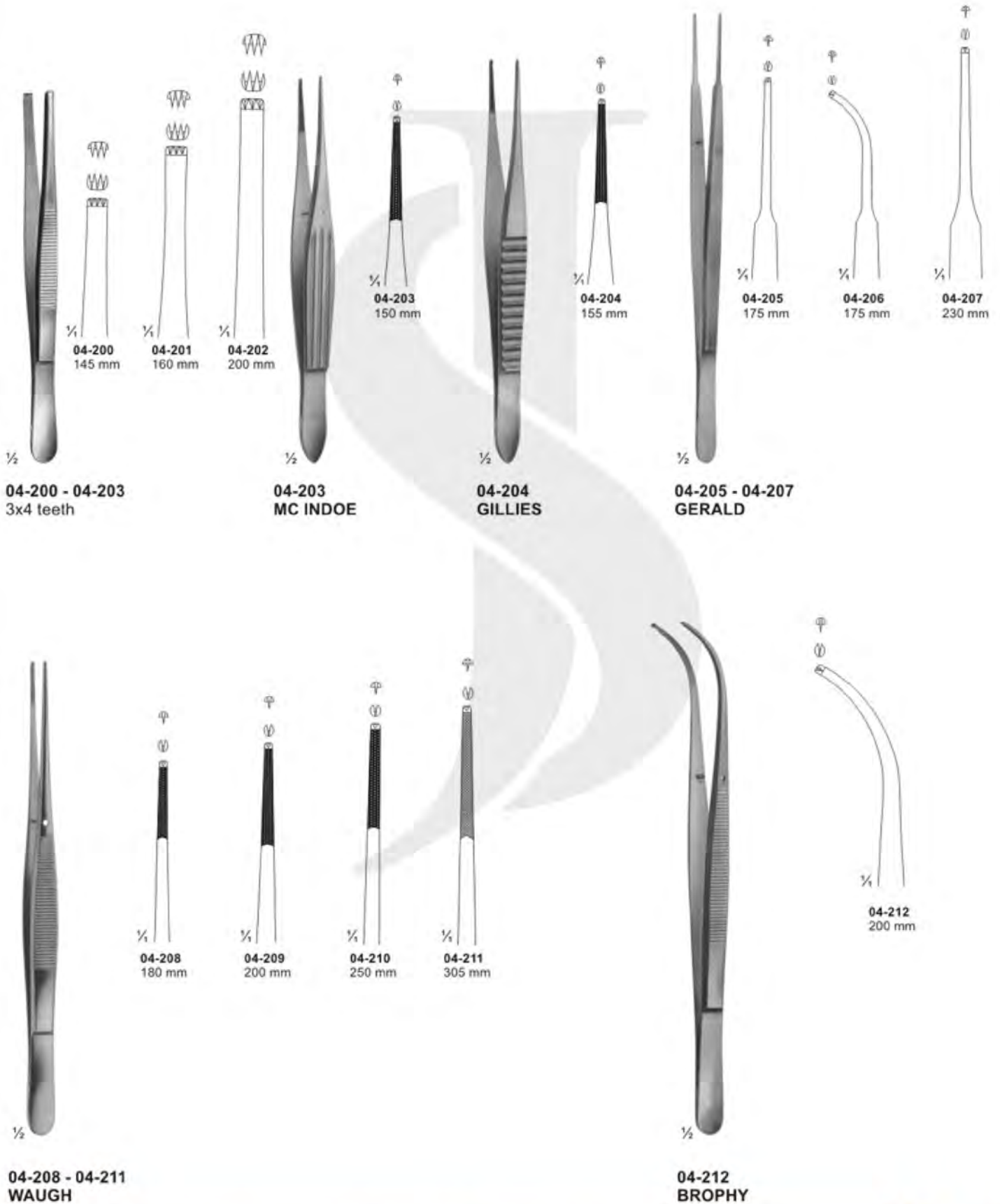


Delicate Tissue Forceps



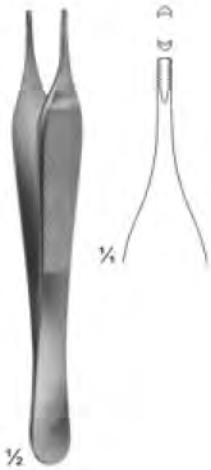


Tissue Forceps





Tissue Forceps



**04-213
ADSON - BROWN**
Non-traumatic
120 mm



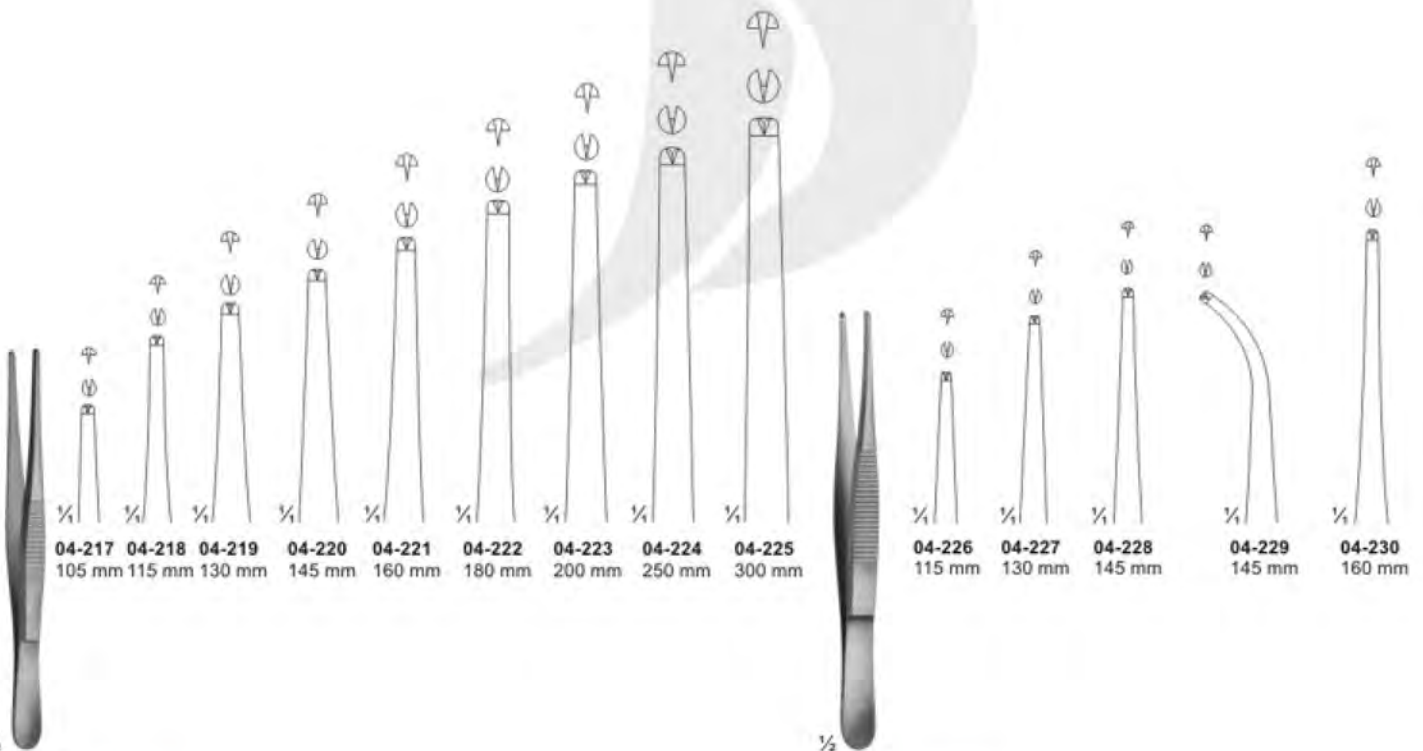
**04-214
BROWN**
120 mm



**04-215
GRAEFE**
110 mm



**04-216
GRAEFE**
With Catch
110 mm



**04-217 - 04-225
STANDARD**

**04-226 - 04-230
GRAEFE**
110 mm



Forceps, Bayonet - Shaped



04-231
LUCAE
140 mm



04-232
LUCAE
1x2 teeth
140 mm



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



04-234
JANSEN
160 mm



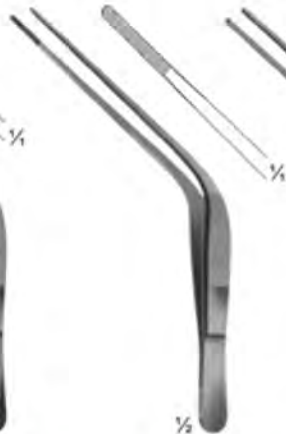
04-235
GRUENWALD
200 mm



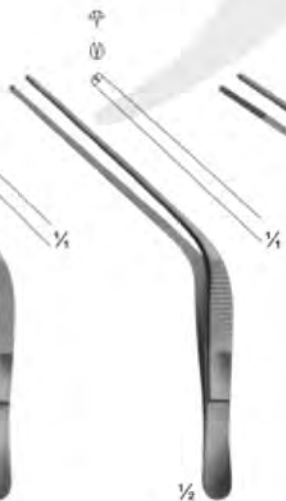
04-236
1x2 teeth
200 mm



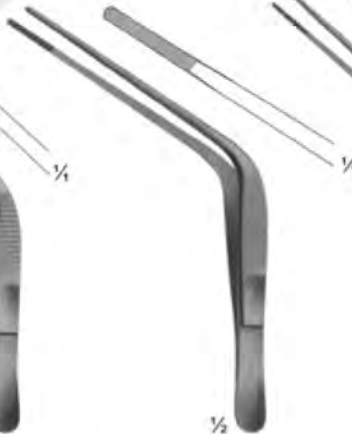
04-237
TROELTSCH
100 mm



04-238
TROELTSCH
115 mm



04-239
TROELTSCH
1X2 teeth
115 mm



04-240
WILDE
115 mm



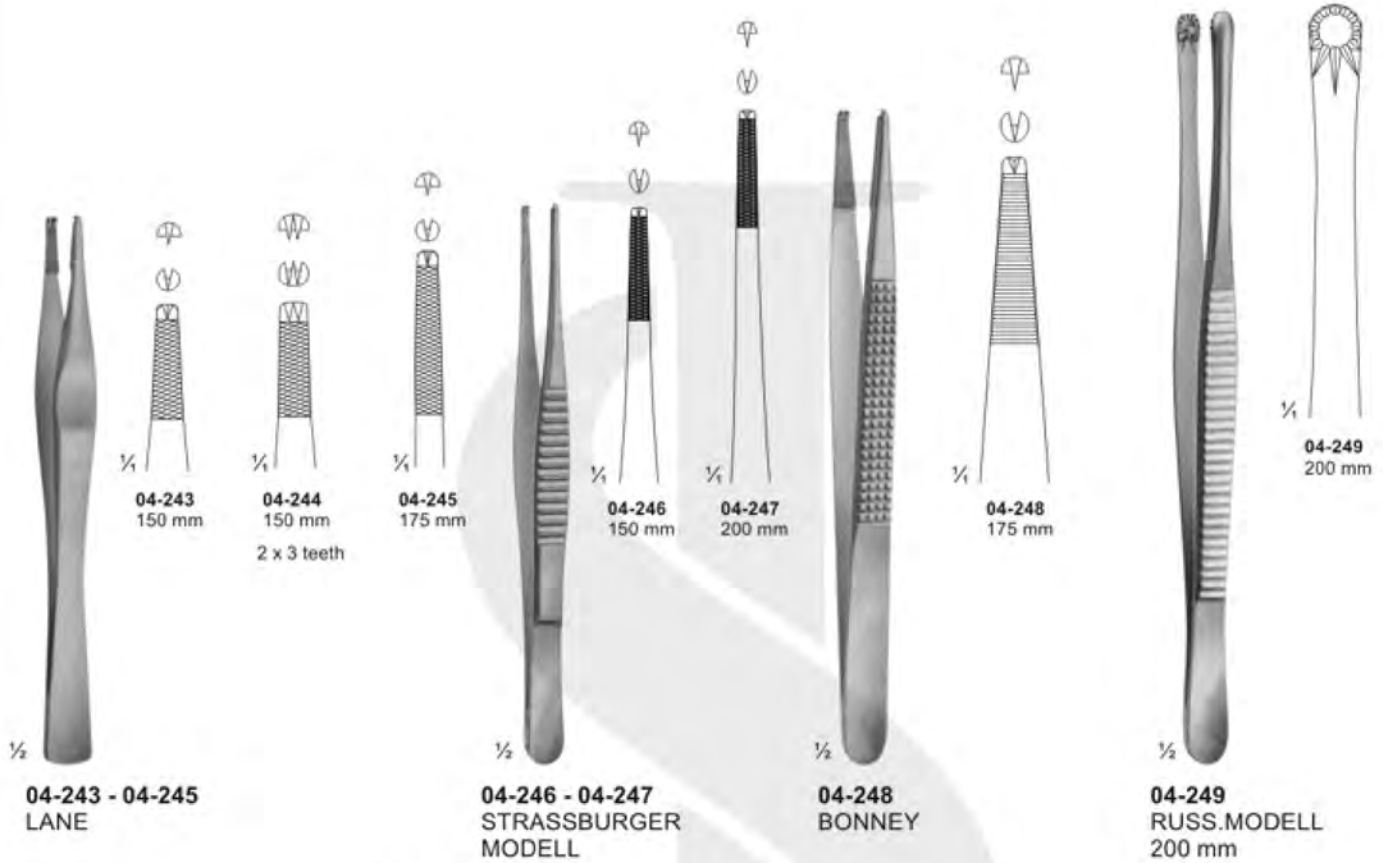
04-241
TROELTSCH
Cross action
120 mm



04-242
TROELTSCH
140 mm



Tissue Forceps, Lung Dissecting Forceps



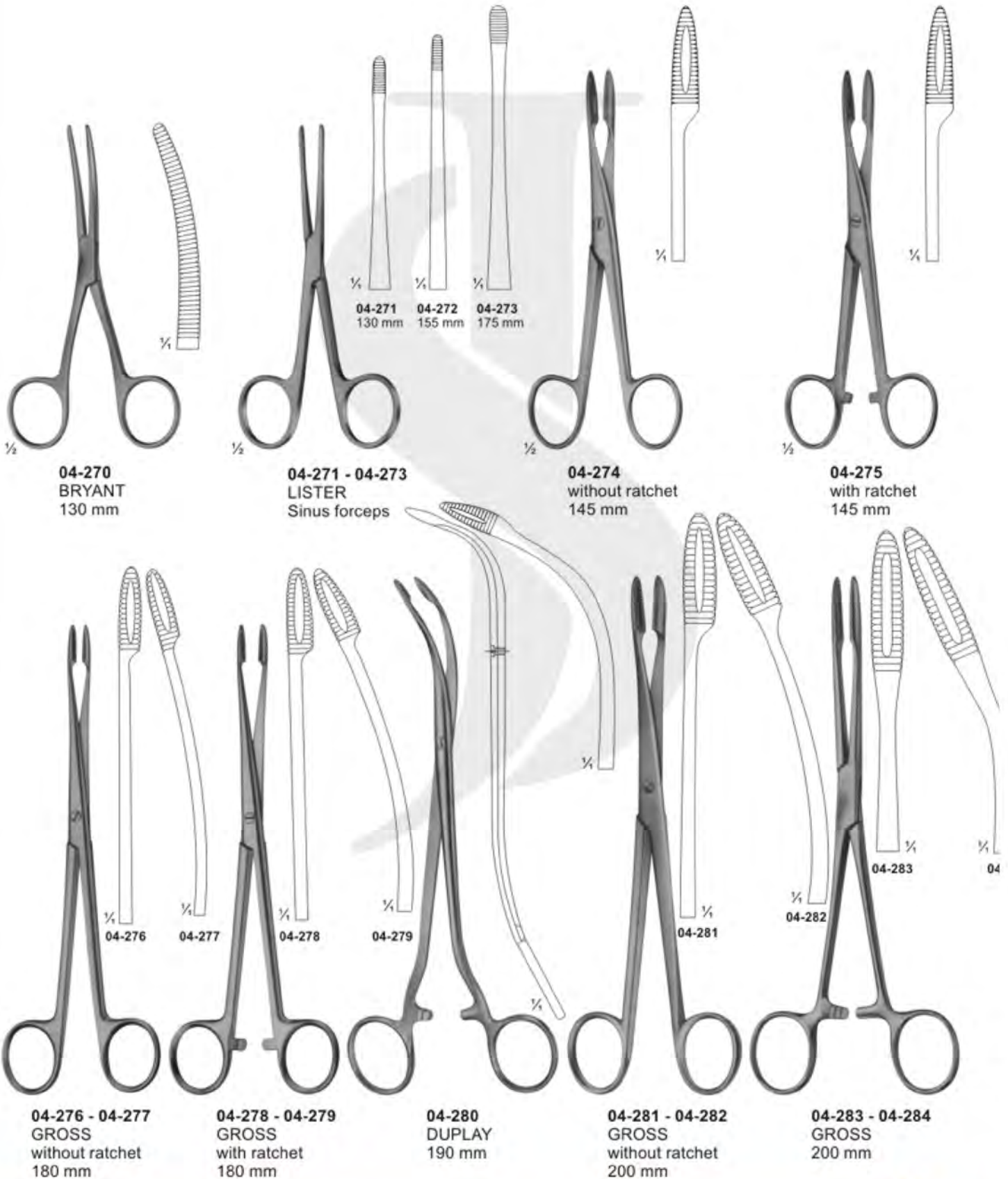


Splinter and Cilia Forceps



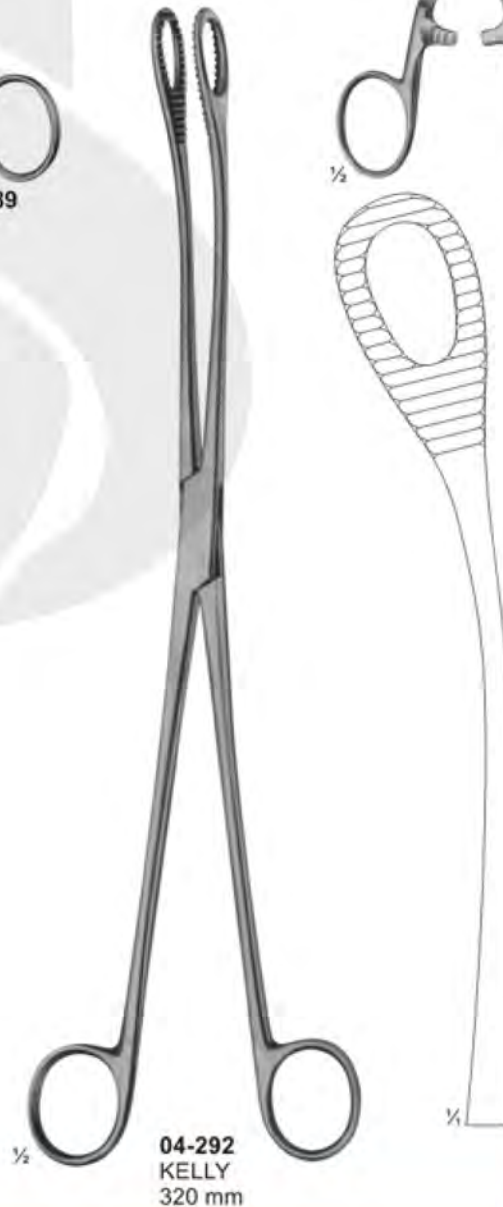
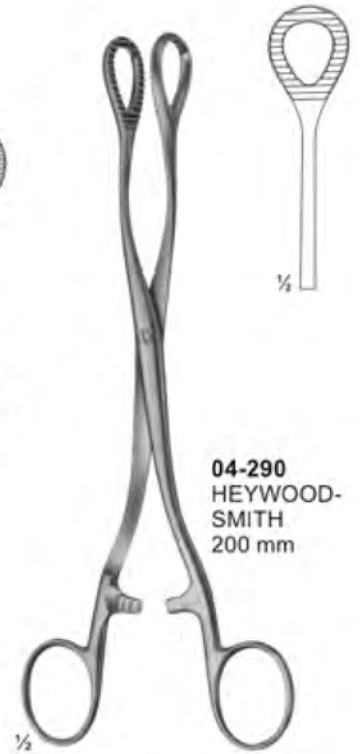
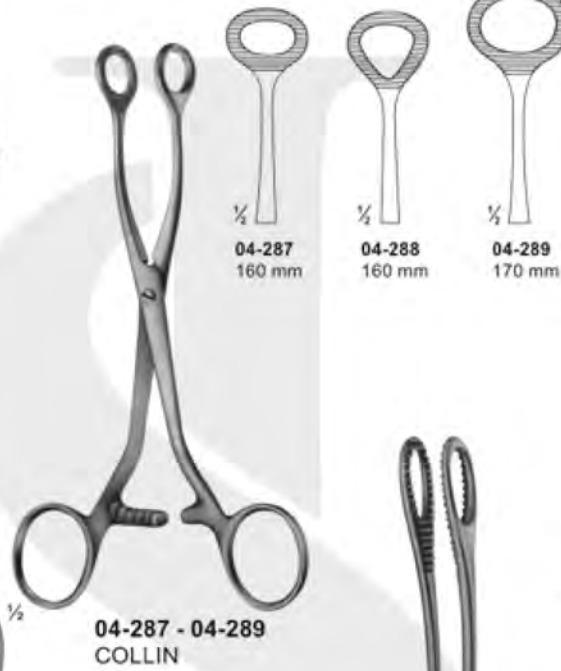
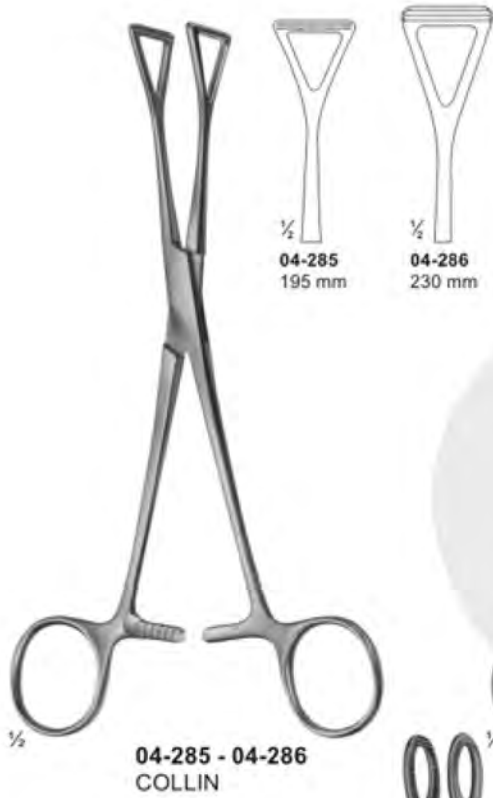


Sponge and Dressing Forceps



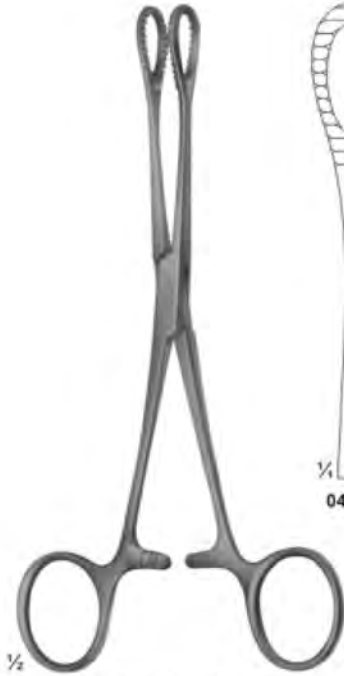


Dressing-, Sponge holding-, Organ- and Tissue Grasping Forceps





Dressing, Sponge holding, Organ and Tissue Grasping Forceps



04-293



04-294

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



04-295
180 mm



04-296
250 mm

04-295 - 04-296
RAMPLEY



04-297
Smooth Jaws



04-298
Smooth Jaws

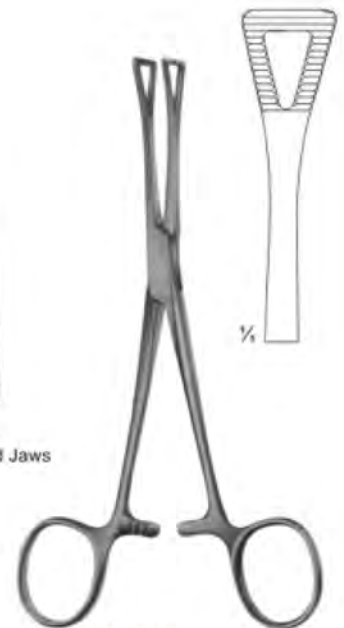


04-299
Serrated Jaws



04-300
Serrated Jaws

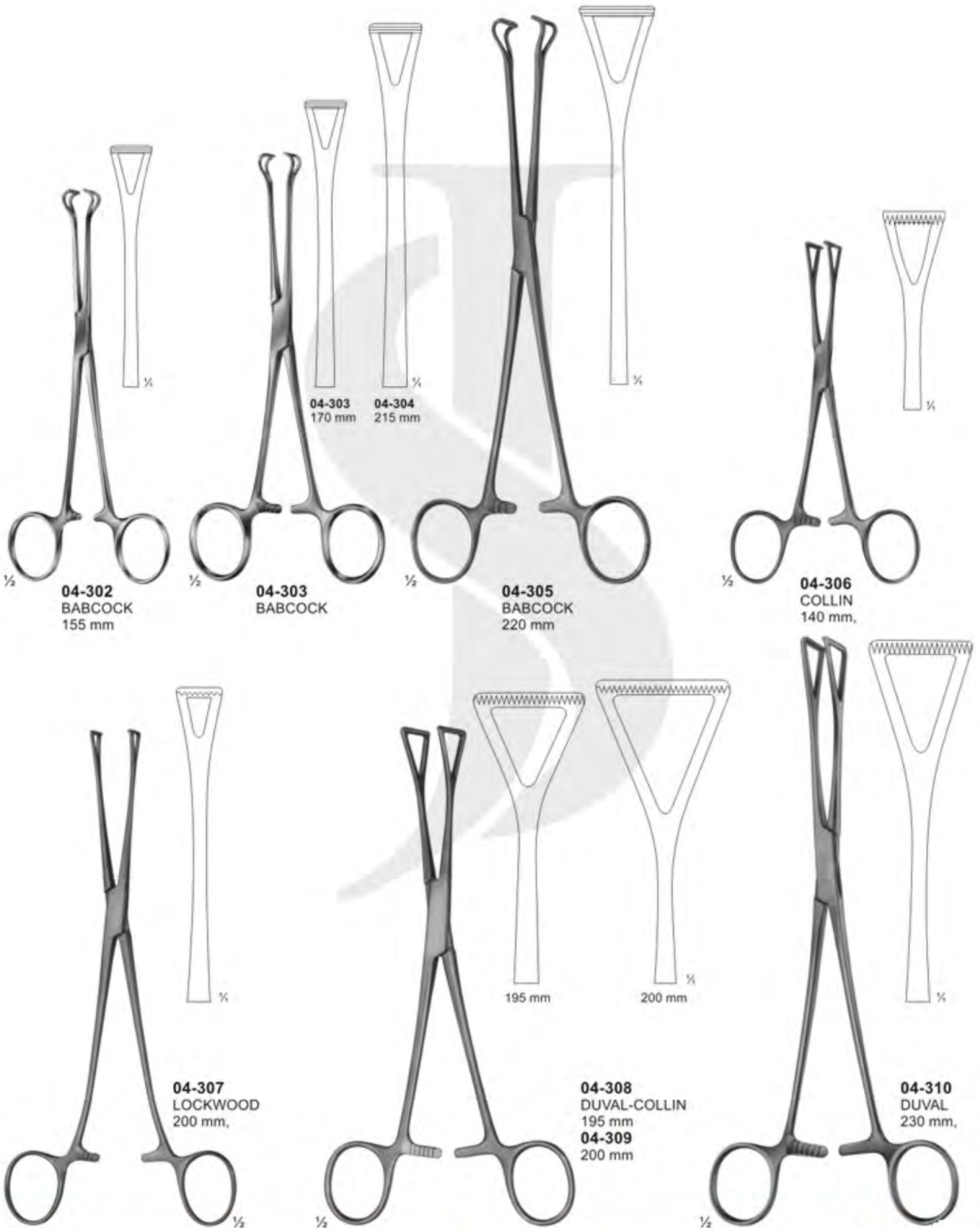
04-297 - 04-300
FOERSTER-BALLENGER
240 mm



04-301
PENNINGTON
155 mm



Intestinal Grasping Forceps

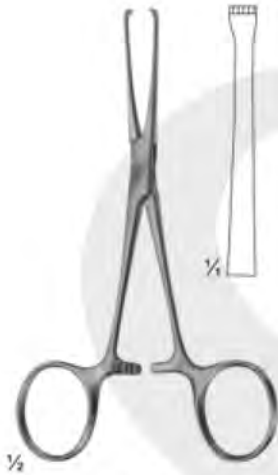




Artery Traction - and Tissue Grasping Forceps



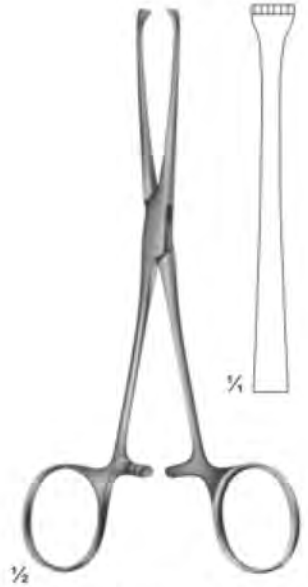
04-311
CHAPUT
2 x 3 teeth
125 mm



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



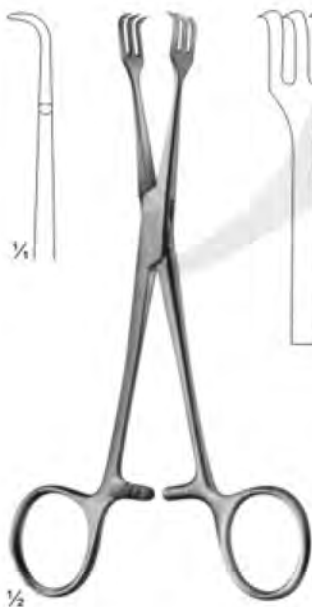
04-313
BOYS-ALLIS
5 x 6 teeth sharp
155 mm



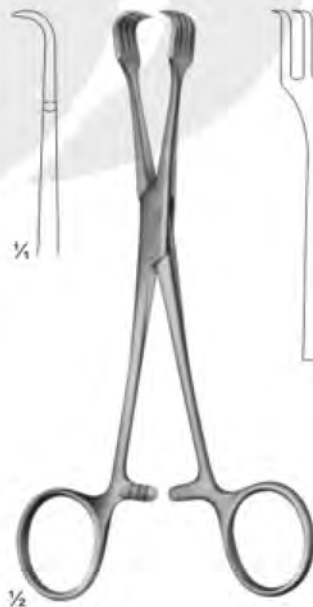
04-314
ALLIS
5 x 6 teeth
155 mm



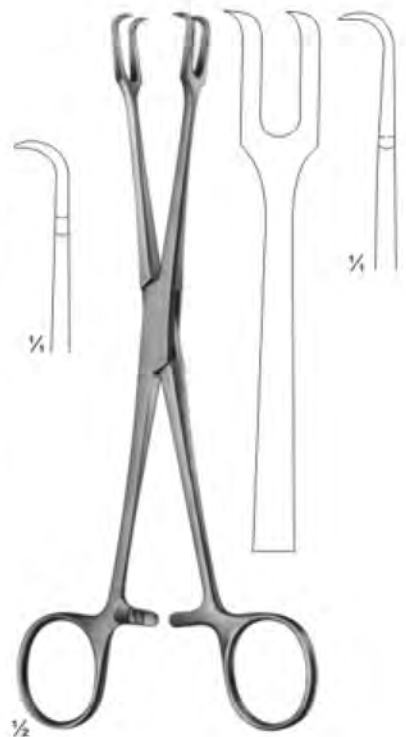
04-315
LAHEY
155 mm



04-316
LAHEY
155 mm



04-317
BRAUN
155 mm



04-318
MUSEUX
200 mm



Towel Clamps



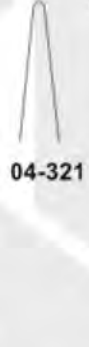
04-319
JONES
85 mm



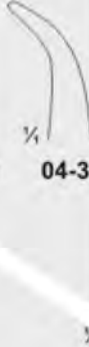
04-320
ENGL. MOD.
85 mm



04-321 - 04-322
SCHAEDEL
85 mm



04-321



04-322



04-323
DOYEN
110 mm



04-324
DOYEN
180 mm



04-325
130 mm



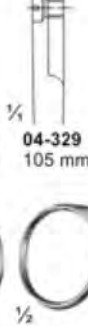
04-326
155 mm



04-327
195 mm



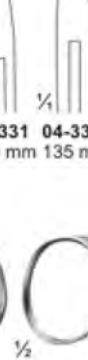
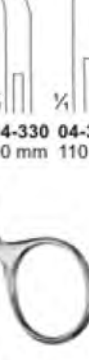
04-328
80 mm



04-329
105 mm



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



04-333
BACKHAUS-KOCHER
135 mm



04-334
ROEDER
135 mm

04-325 - 04-327
LANE

04-328 - 04-329
BACKHAUS

04-330 - 04-332
BACKHAUS

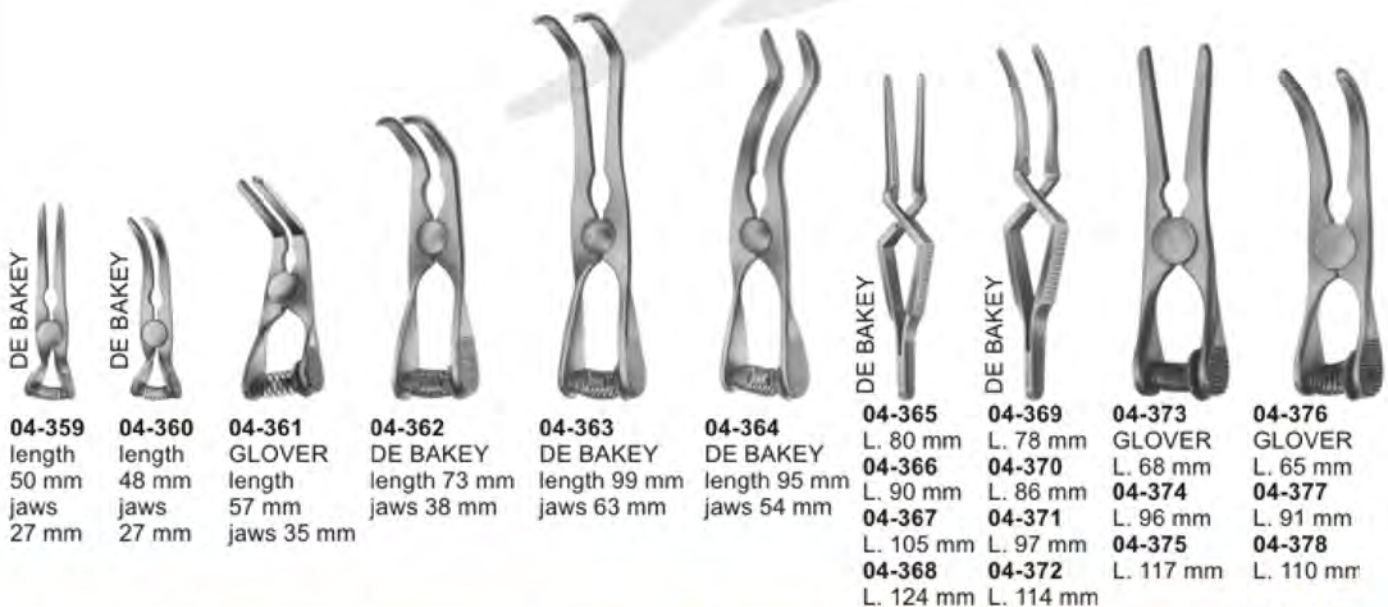
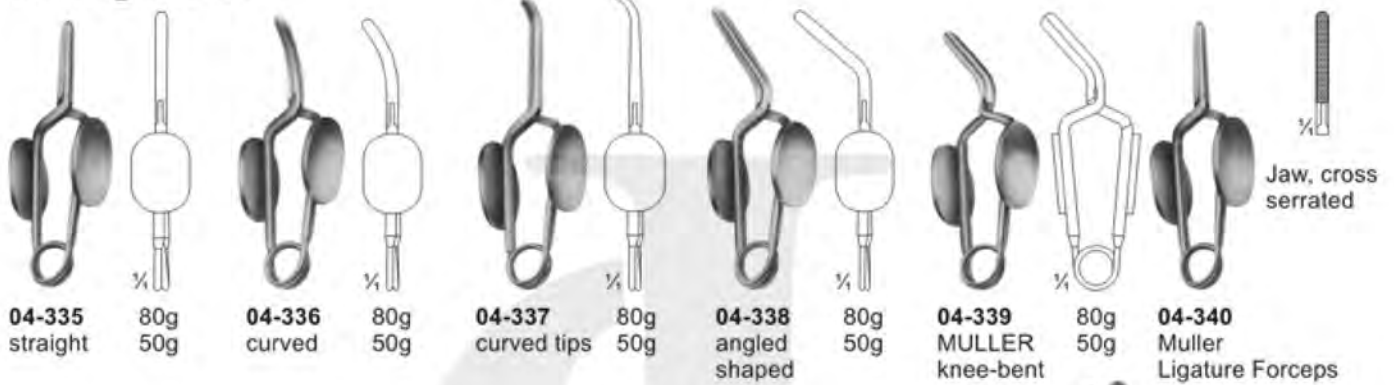
04-333
BACKHAUS-KOCHER
135 mm

04-334
ROEDER
135 mm



Muller Vessel Clips and Bulldog Clamps

Closing force

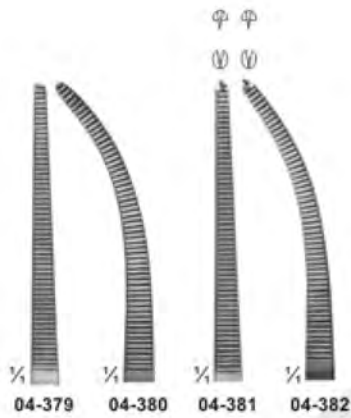




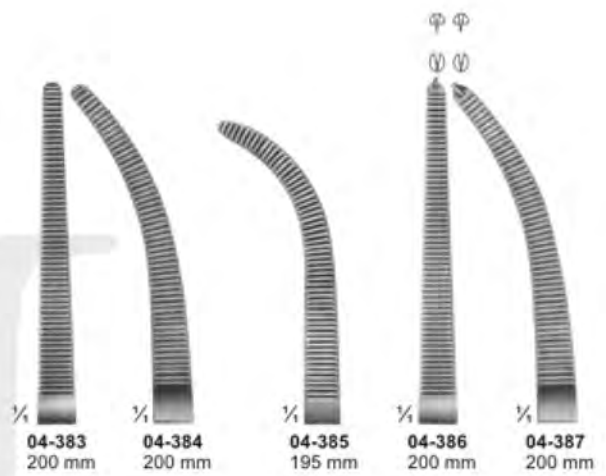
Delicate Haemostatic Forceps



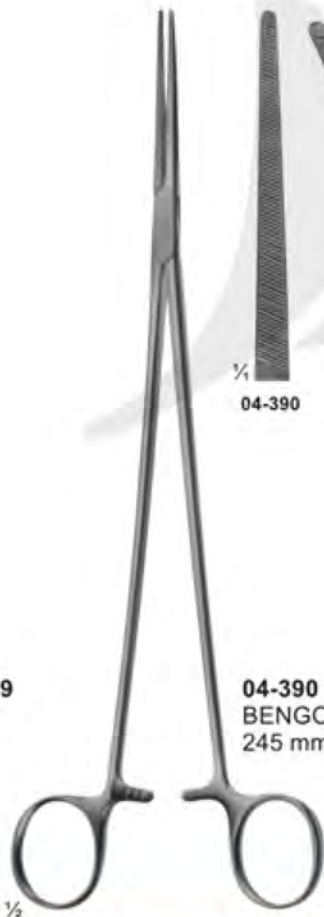
04-379 - 04-382
HALSTED-MOSQUITO
200 mm



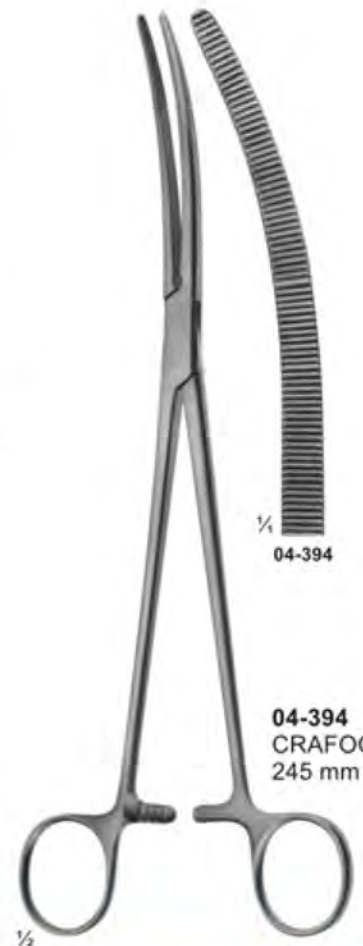
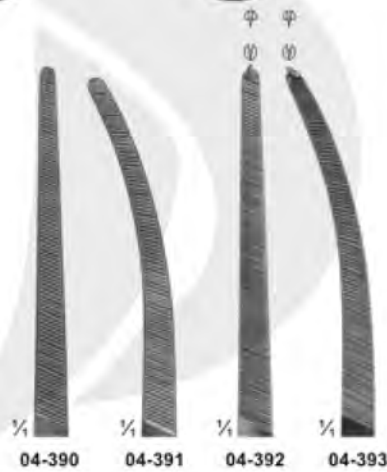
04-383 - 04-387
HEISS
200 mm



04-388 - 04-389
HALSTED
215 mm



04-390 - 04-393
BENGOLEA
245 mm



04-394
CRAFOORD
245 mm





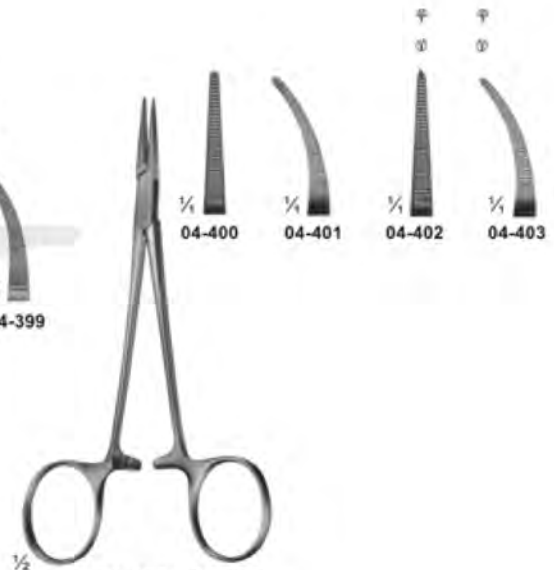
Delicate Haemostatic Forceps



04-395
CARREL
85 mm



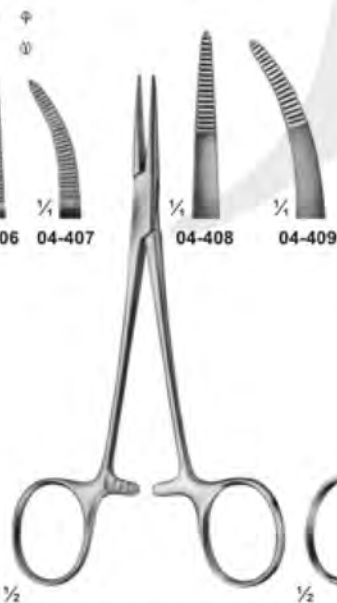
04-396 - 04-399
BABY-MOSQUITO
(HARTMANN)
100 mm



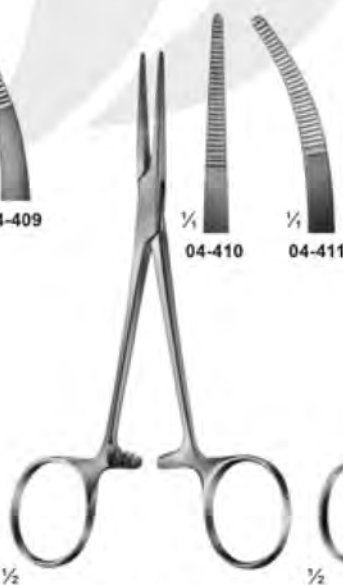
04-400 - 04-403
MICRO-HALSTED
125 mm



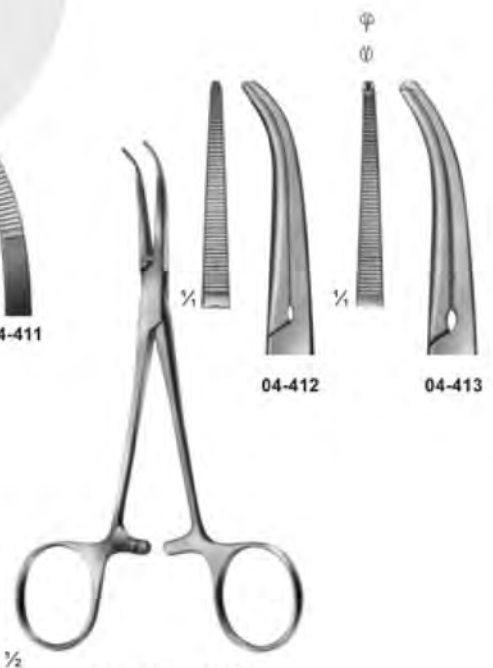
04-404 - 04-407
HALSTED-MOSQUITO
125 mm



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



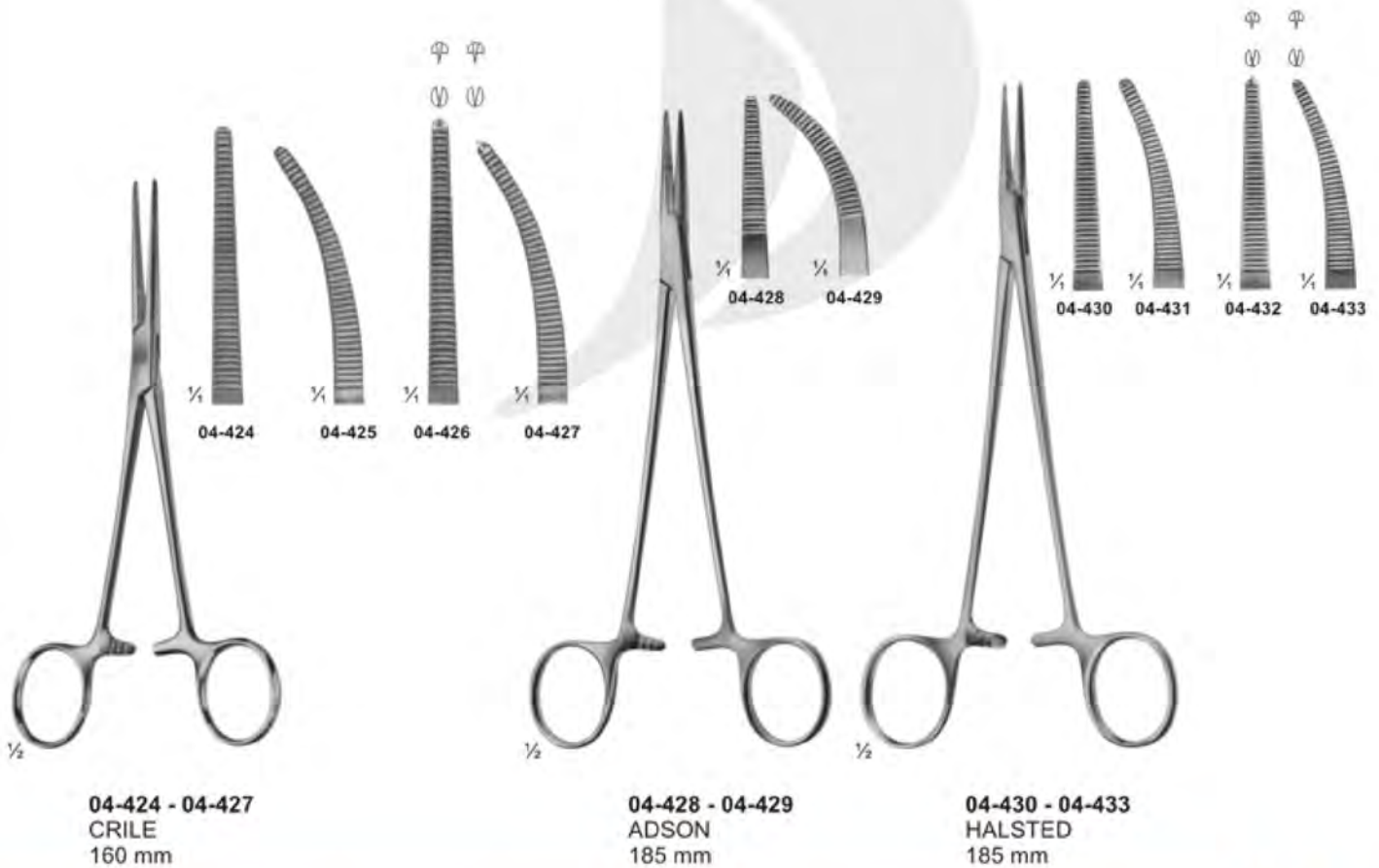
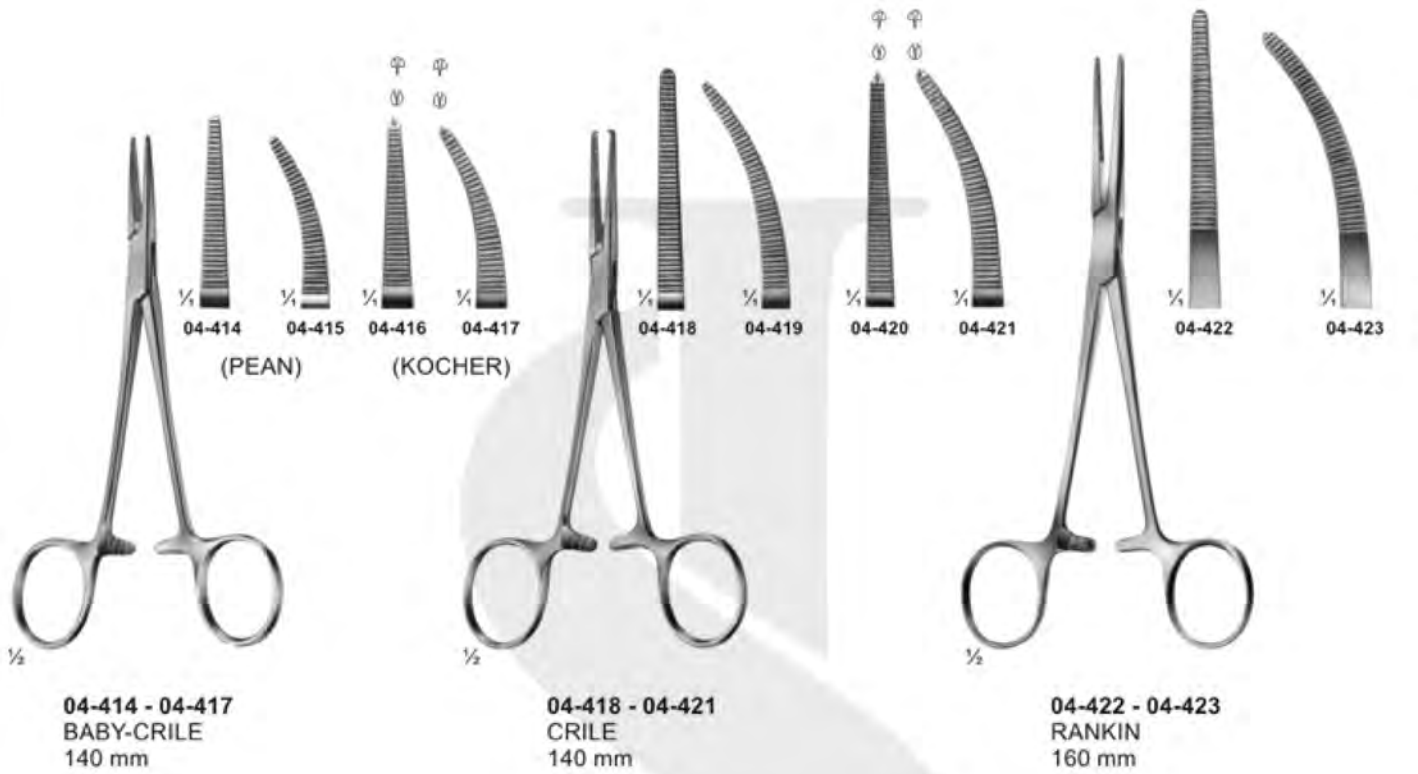
04-410 - 04-411
KELLY
140 mm



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

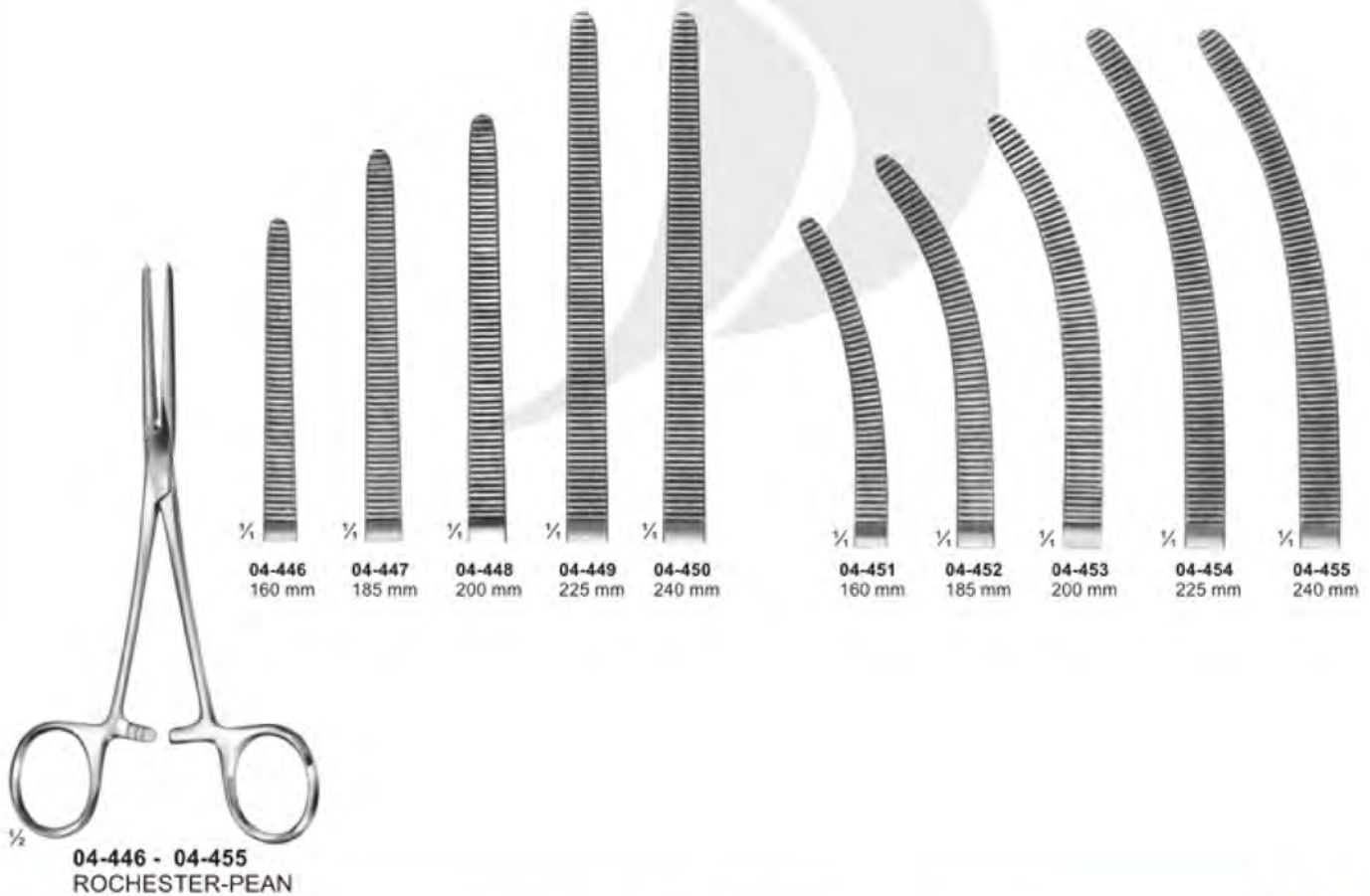
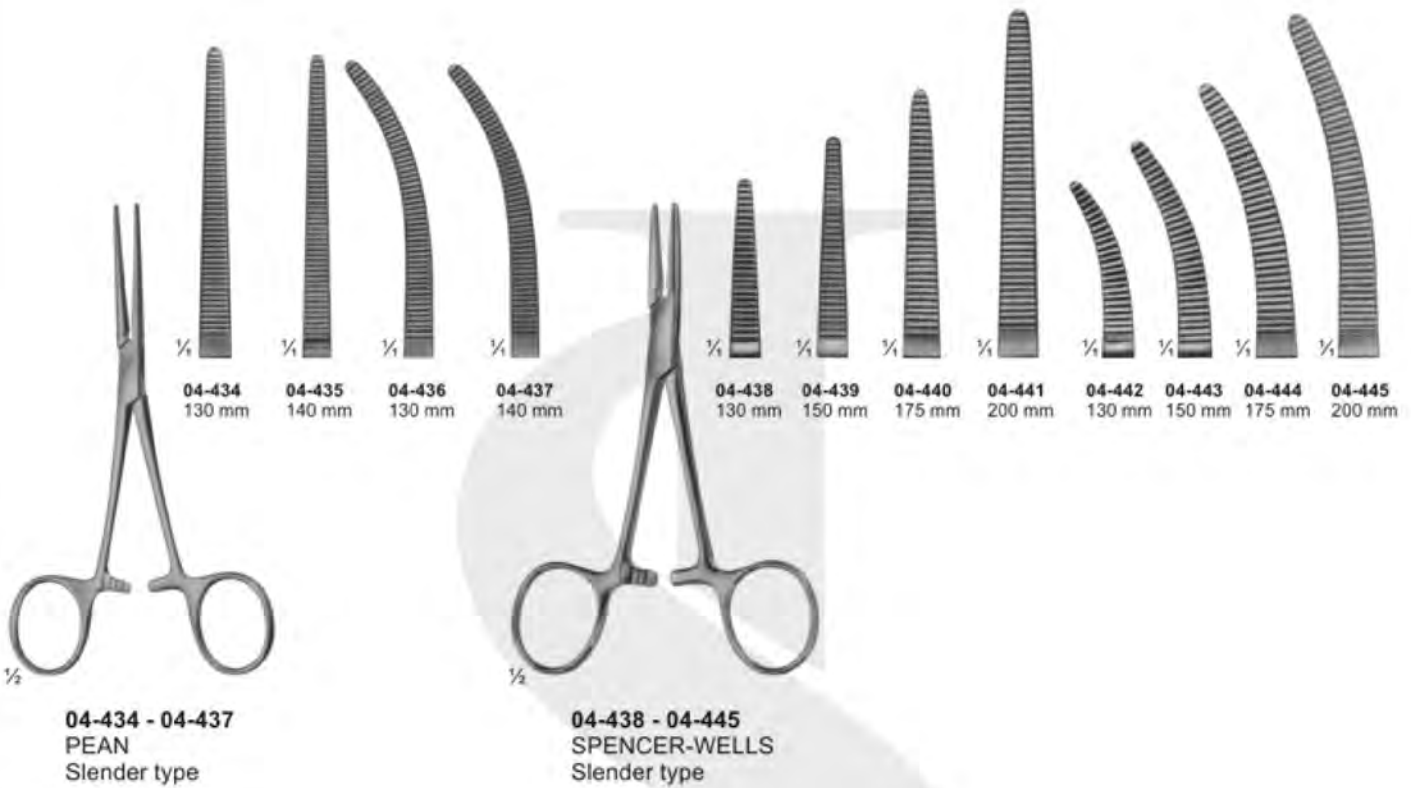


Delicate Haemostatic Forceps



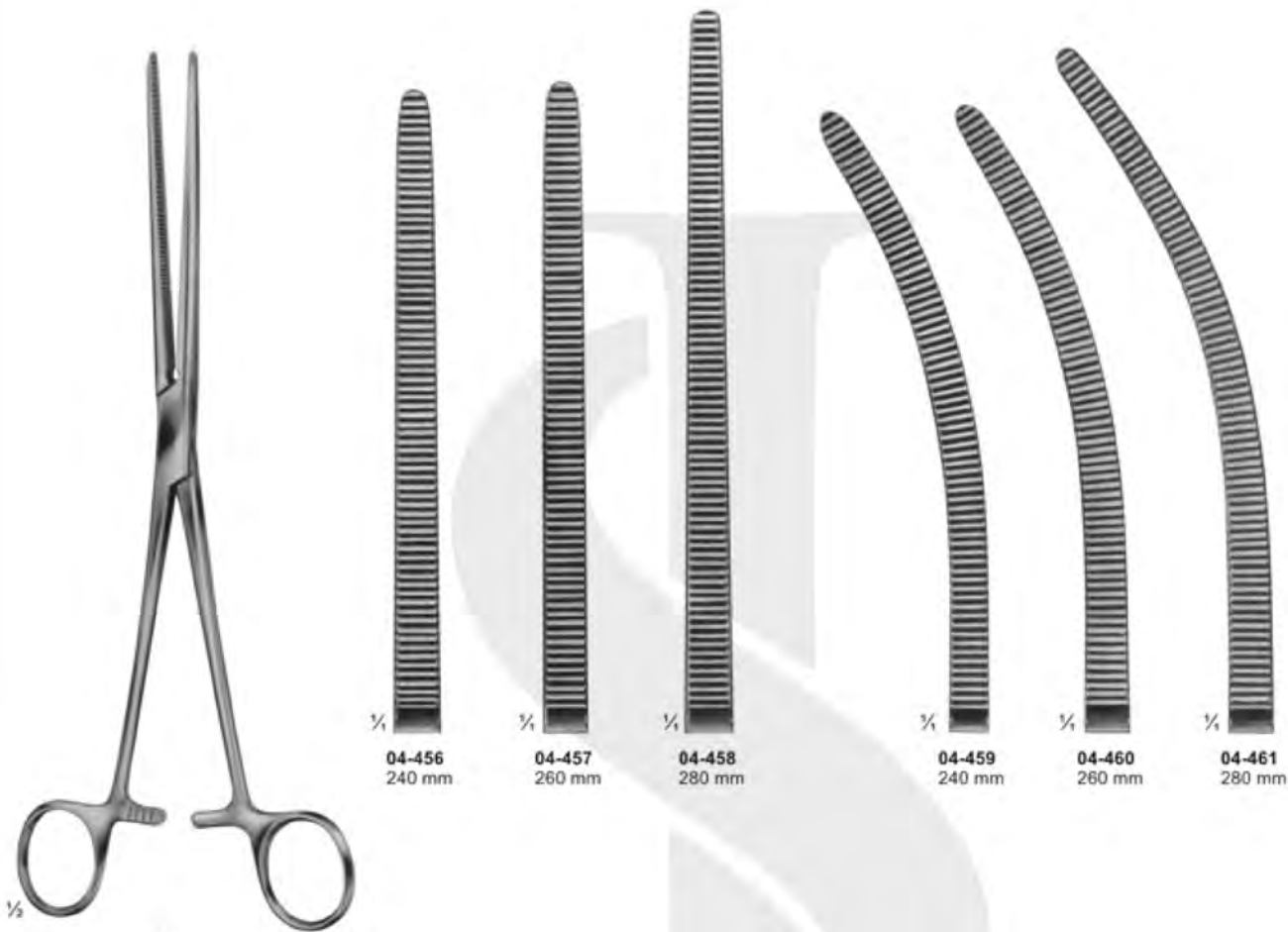


Haemostatic Forceps



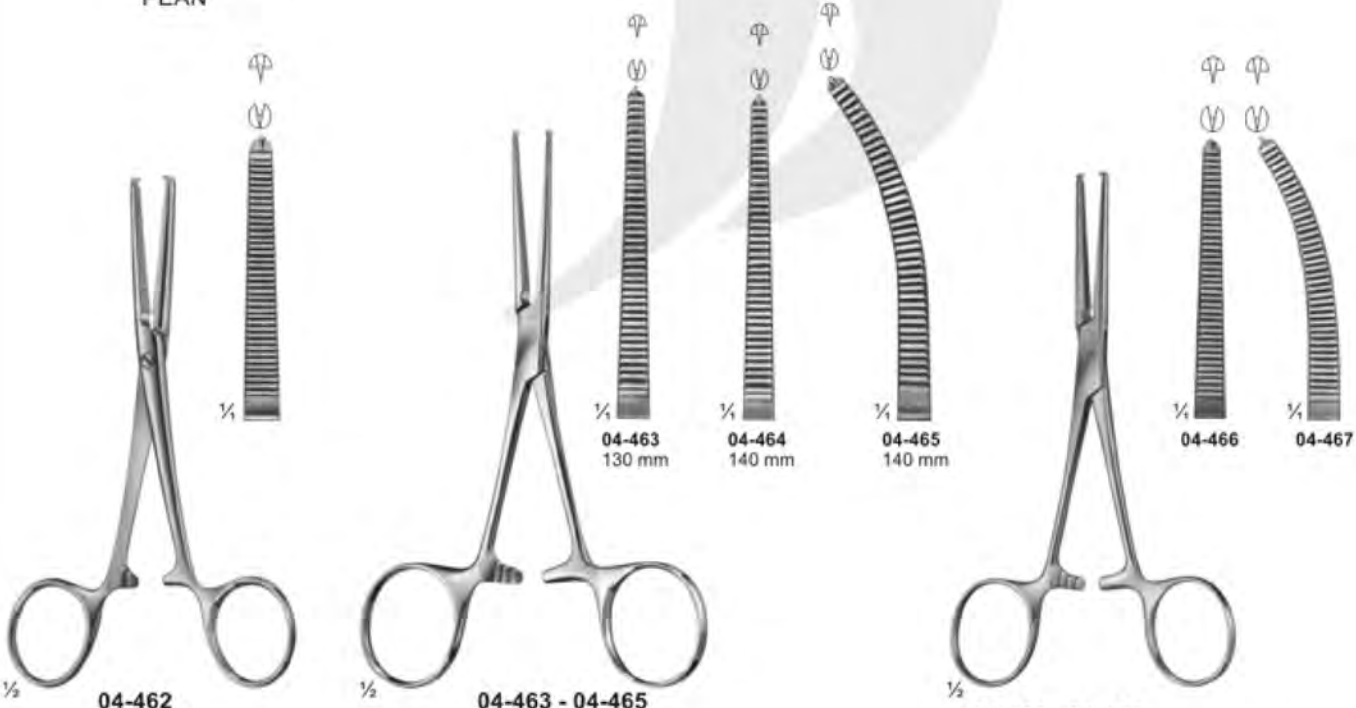


Haemostatic Forceps



04-456 - 04-461
PEAN

04-456 240 mm 04-457 260 mm 04-458 280 mm 04-459 240 mm 04-460 260 mm 04-461 280 mm



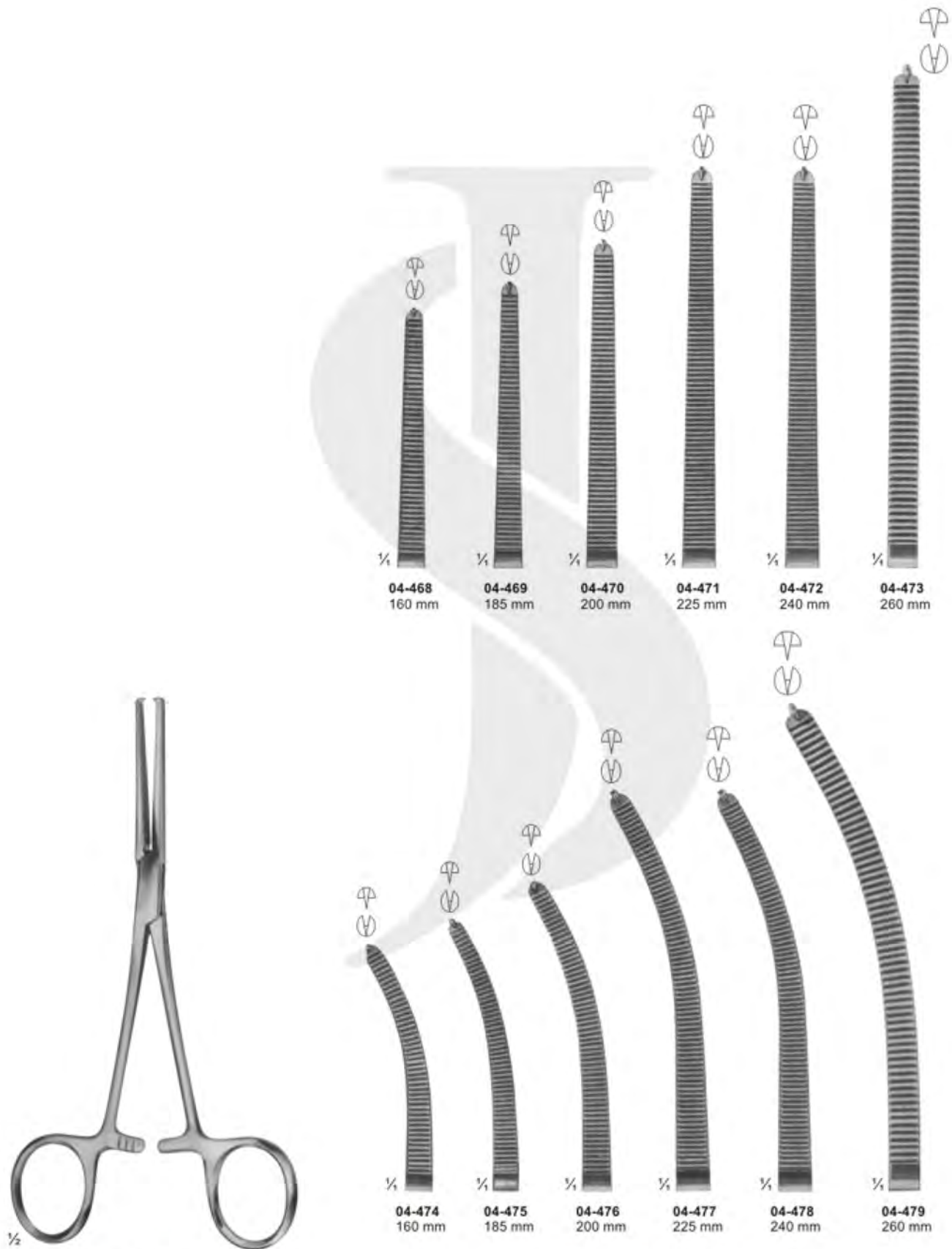
04-462
KOCHER
Strong Pattern
145 mm

04-463 - 04-465
KOCHER

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



Haemostatic Forceps



04-468 160 mm 04-469 185 mm 04-470 200 mm 04-471 225 mm 04-472 240 mm 04-473 260 mm

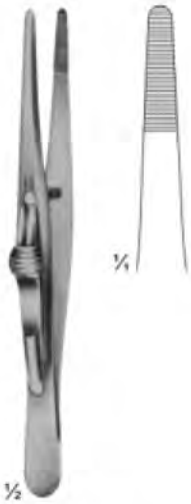
04-474 160 mm 04-475 185 mm 04-476 200 mm 04-477 225 mm 04-478 240 mm 04-479 260 mm



04-468 - 04-479
KOCHER-OCHSNER



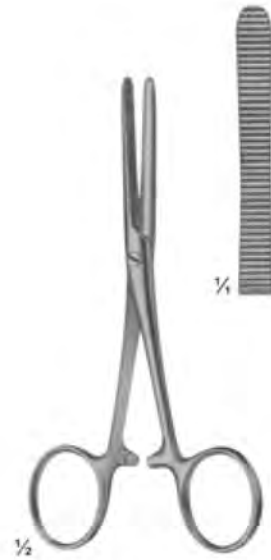
Haemostatic Forceps



04-480
FRICKE
Artery forceps
130 mm



04-481
KRONLEIN
130 mm



04-482
PEAN
125 mm



04-483
125 mm



04-484
140 mm



04-485
PEAN
125 mm



04-486
165 mm

04-487
185 mm

04-486 - 04-487
PEAN



Haemostatic Forceps, Special Pattern, Tonsil Forceps



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



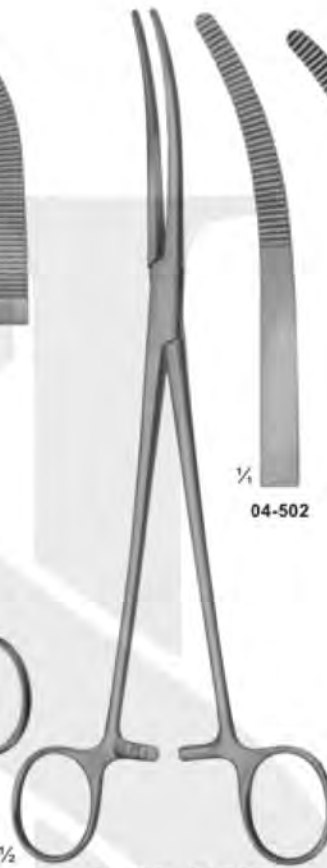
Dissecting- and Ligature Forceps



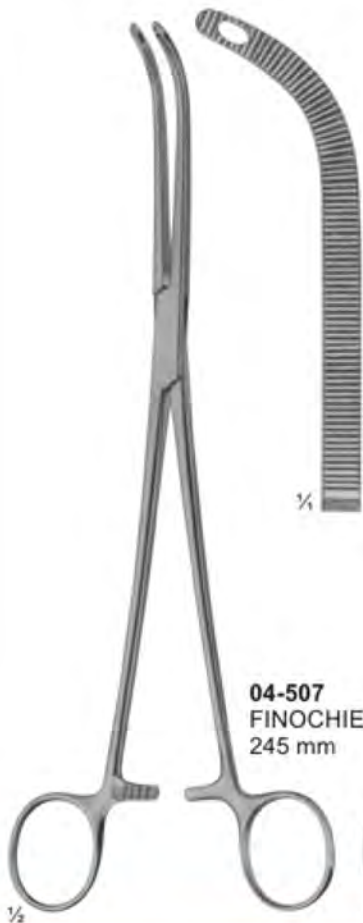
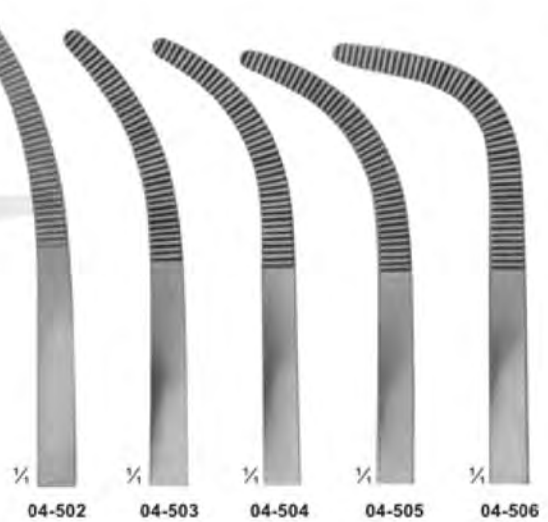
04-500
MIXTER-O'SHAUGNESSY
190 mm



04-501
HEISS
195 mm



04-502 - 04-506
RUMEL
240 mm



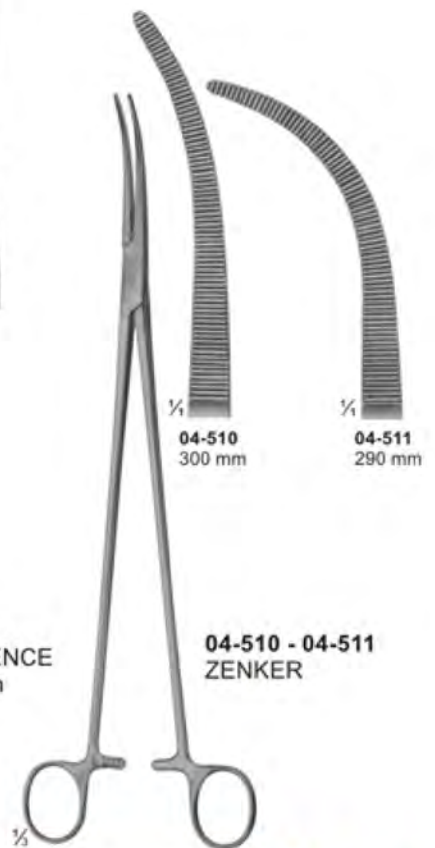
04-507
FINOCHIETTO
245 mm



04-508
MIXTER
230 mm



04-509
LAWRENCE
270 mm



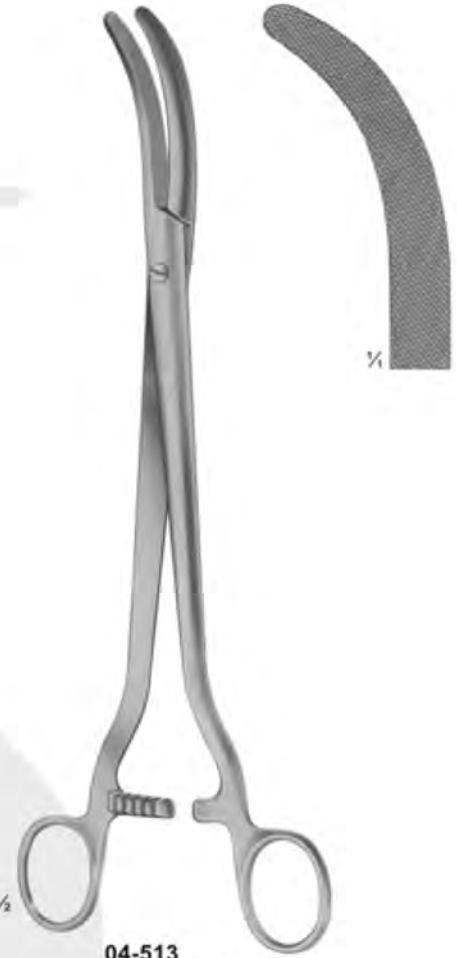
04-510 - 04-511
ZENKER



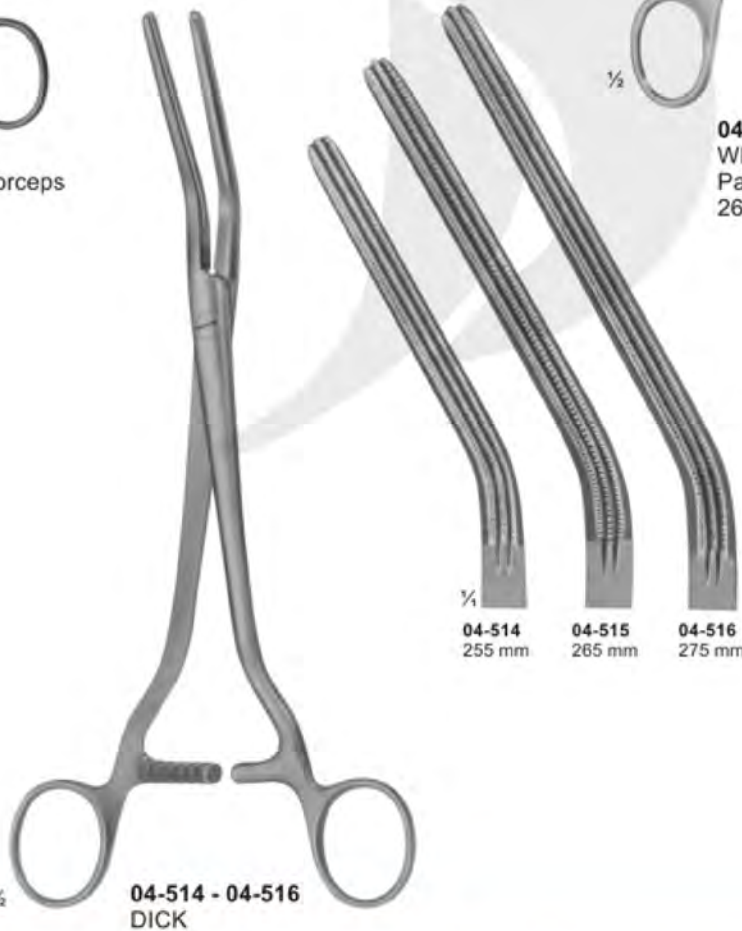
Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



04-512
WERTHEIM
Hysterectomy forceps
255 mm



04-513
WERTHEIM
Parametrium clamp
260 mm



04-514 255 mm
04-515 265 mm
04-516 275 mm

04-514 - 04-516
DICK



Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



04-517
WERTHEIM
250 mm

1/2

1/4



04-518
WERTHEIM-CULLEN
215 mm

1/2

1/4



04-519
60 mm

04-520
80 mm

1/4

1/4

1/2





Needle Holders for micro surgery



05-101
ROHRSCNEIDER
with copper inserts
100 mm



05-102
KALT
with catch
135 mm



05-103
ARRUGA
with catch
135 mm



05-104 - 105
CASTROVIEJO
with catch
145 mm



05-106 - 107
without Catch
160 mm



05-108 - 109
without catch
185 mm



05-110 - 111
JACOBSON
185 mm



05-112
without catch
195 mm



05-113 - 114
YASARGIL
with catch
200 mm



Needle Holders

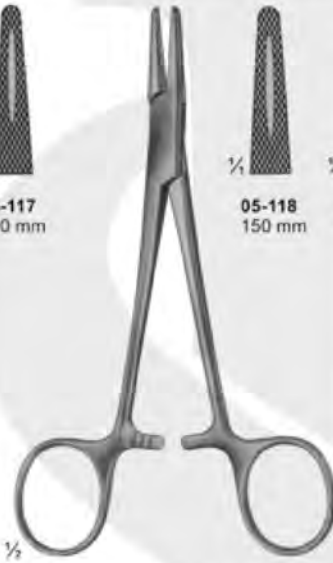


05-115
150 mm

05-116
180 mm

05-117
200 mm

05-115 - 117
MAYO-HEGAR
medium fine patterns



05-118
150 mm

05-119
175 mm

05-120
205 mm

05-121
205 mm

05-118 - 121
HEGAR
heavy patterns



05-122
HEANEY (HEGAR)
200 mm



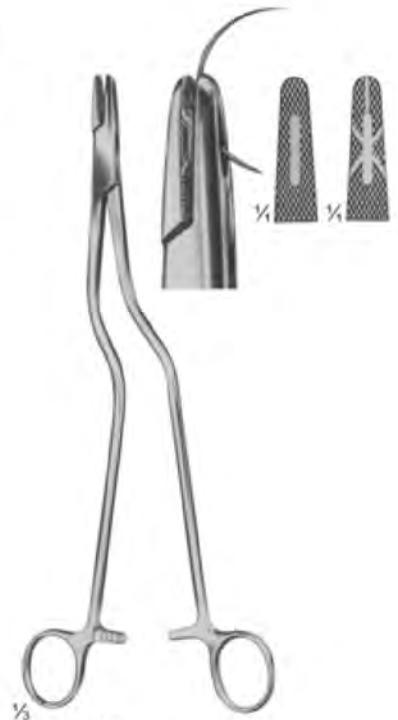
05-123
JAMESON
230 mm



05-124
WANGENSTEEN
275 mm



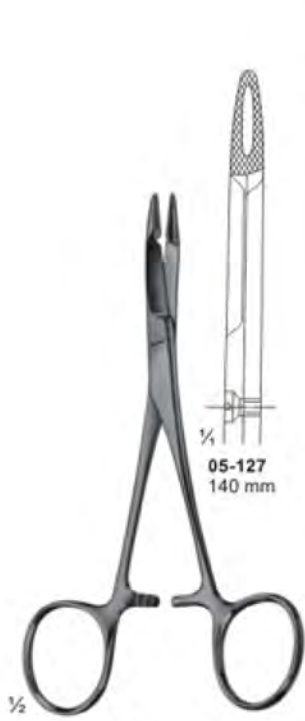
05-125
MASSON
265 mm



05-126
MASSON-LUETHY
255 mm



Needle Holders



05-127 - 128
HEGAR-OLSEN
255 mm



05-129
GILLIES
150 mm



05-130
GILLIES
160 mm



05-131
EISELSBERG
115 mm



05-132
SCHOEMAKER-LOTH
125 mm



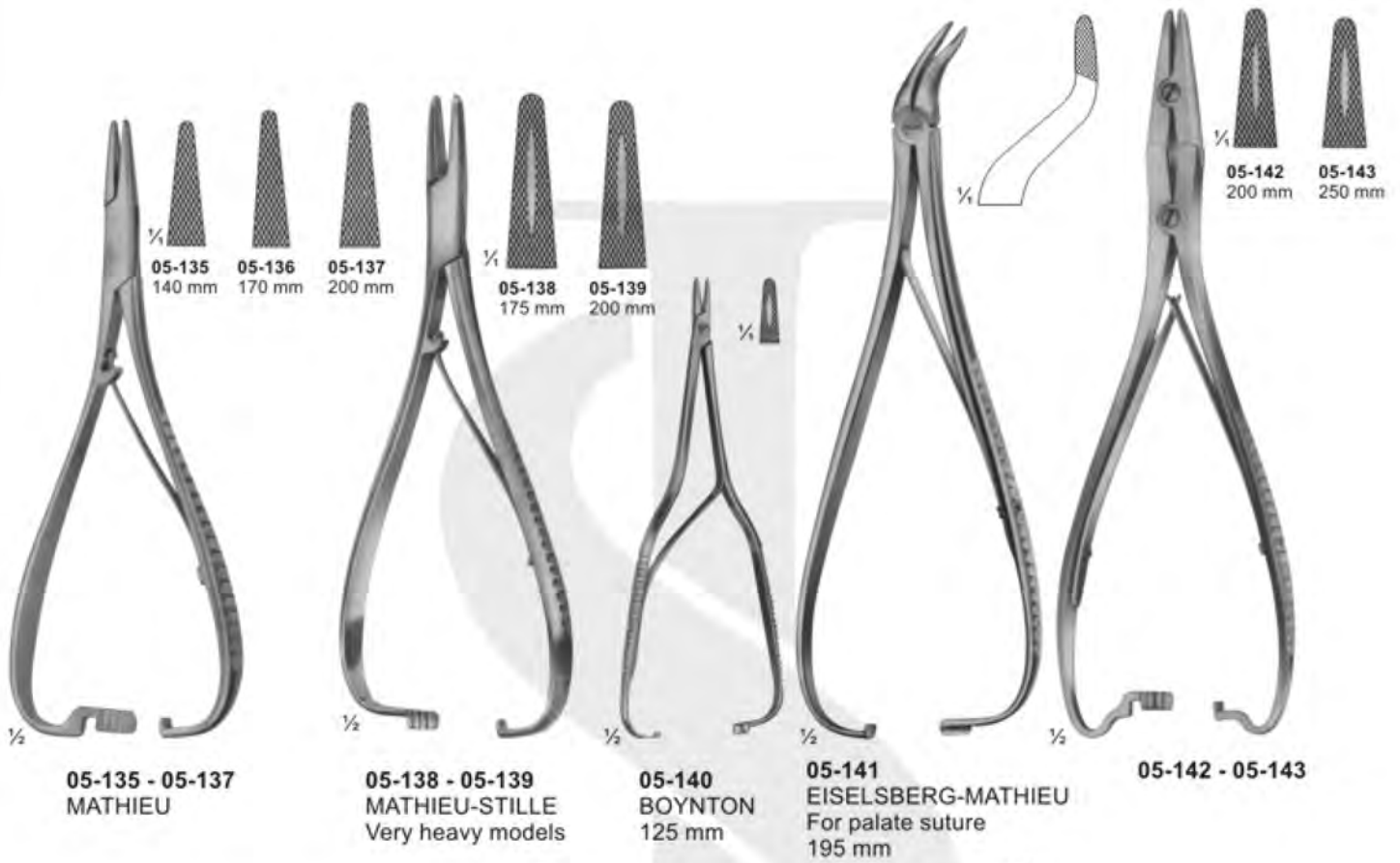
05-133
CRILE
150 mm



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

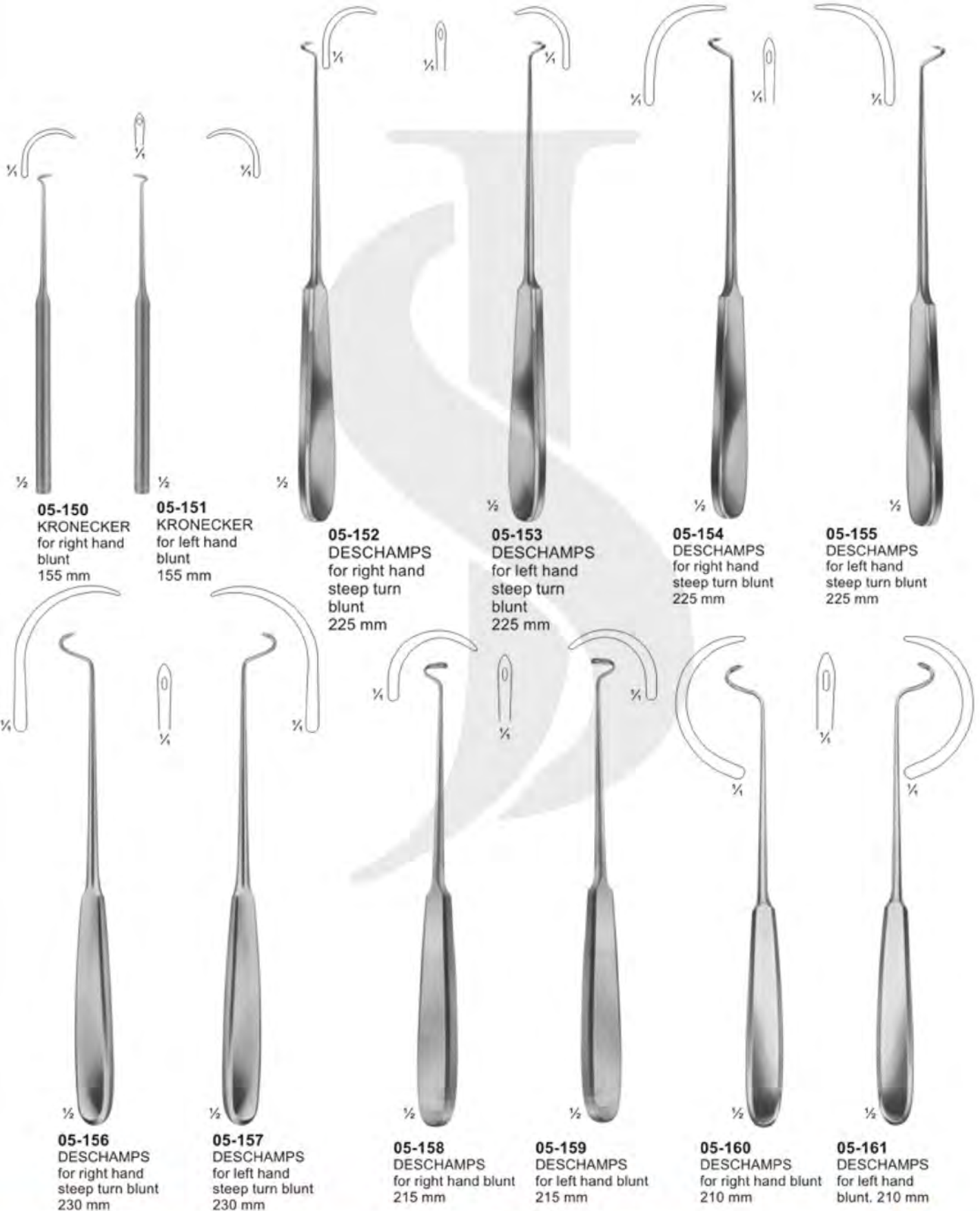


Needle Holders





Suture Instruments - Reverdin Needles



05-150
KRONECKER
for right hand
blunt
155 mm

05-151
KRONECKER
for left hand
blunt
155 mm

05-152
DESCHAMPS
for right hand
steep turn
blunt
225 mm

05-153
DESCHAMPS
for left hand
steep turn
blunt
225 mm

05-154
DESCHAMPS
for right hand
steep turn blunt
225 mm

05-155
DESCHAMPS
for left hand
steep turn blunt
225 mm

05-156
DESCHAMPS
for right hand
steep turn blunt
230 mm

05-157
DESCHAMPS
for left hand
steep turn blunt
230 mm

05-158
DESCHAMPS
for right hand blunt
215 mm

05-159
DESCHAMPS
for left hand blunt
215 mm

05-160
DESCHAMPS
for right hand blunt
210 mm

05-161
DESCHAMPS
for left hand
blunt. 210 mm



Probes



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



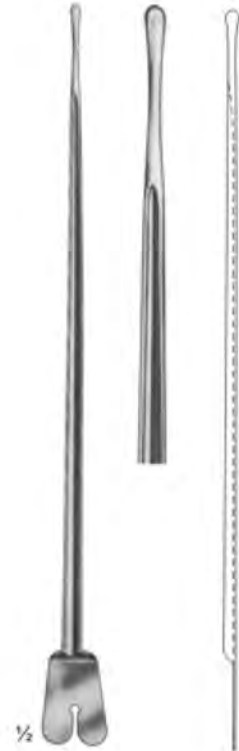
05-165
DOYEN
145 mm
Directors



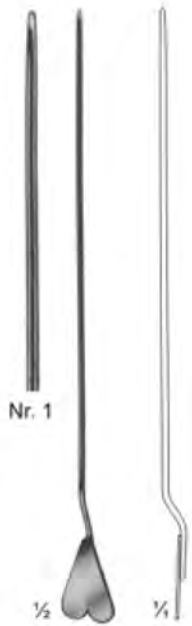
05-166
NELATON
160 mm
Directors



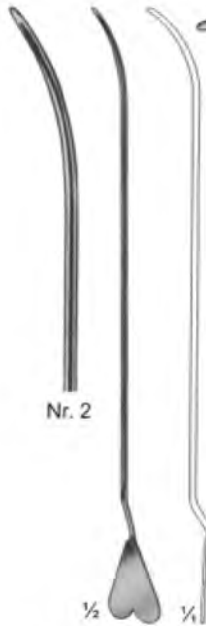
05-167
Director with tip
Diam. Of tip 3,3 mm
140 mm



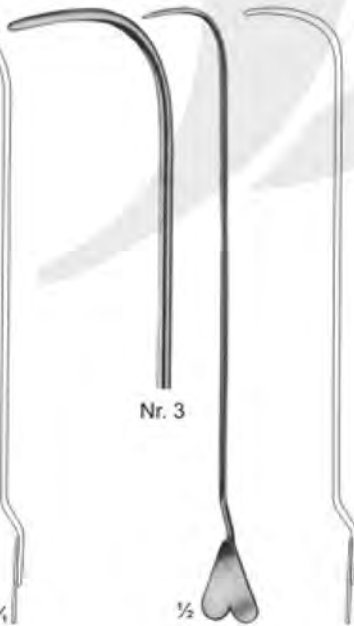
05-168
BRODIE
Director with tip,
Diam. Of tip 3,5 mm
200 mm



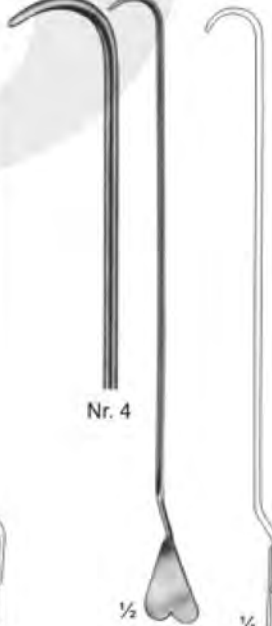
05-169
LOCKHART-MUMMERY
165 mm



05-170
LOCKHART-MUMMERY
165 mm



05-171
LOCKHART-MUMMERY
165 mm



05-172
LOCKHART-MUMMERY
165 mm



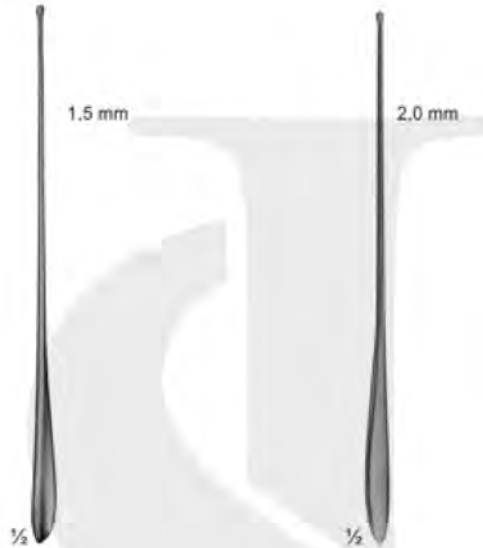
05-173
Director with wire
loop, malleable
190 mm



Probes



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



05-177
Myrtle leaf probe
145 mm

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



05-183
Probes



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



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



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



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



Suturing Instrument Set, Pocket Instrument Set



05-190

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



05-191

Pocket instrument set, in metal case consisting of:

Bottom tray

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

Top tray

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



05-192

Pocket instrument set, in metal case consisting of:

Bottom tray

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

Top tray

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





Fine Wound Retractors (Dura- and Skin Retractors)

06-101 Sharp
06-102 Blunt
GRAEFE
125 mm

06-103 125 mm
06-104 130 mm
sharp
GUTHRIE

06-105 130 mm
06-106 135 mm
sharp
ROLLET
06-107 135 mm
blunt

06-108
FRAZIER
Dura retractors
130 mm

06-109
TONNIS
Dura retractors
150 mm

06-110
KILNER
160 mm

06-111
FREER
150 mm

06-112
MULLER
150 mm

06-113
MULLER
150 mm

06-114
COTTLE
160 mm

06-115
COTTLE
160 mm

06-116
JAEGER
135 mm

06-117 - 120
JOSEPH
165 mm

06-117
06-118 3 mm
06-119 6 mm
06-120 8 mm

06-121 - 122
GILLIES
180 mm

06-121
06-122
3 X 11 mm
7 X 12 mm
8 X 12 mm

06-123
KILNER
sharp
80 mm

06-124
CONVERSE
blunt
120 mm



Retractors With triangle handle



06-125
MANNERFELT modif.
sharp
135 mm



06-126
MANNERFELT modif.
sharp
155 mm



06-127
MANNERFELT modif.
sharp
155 mm



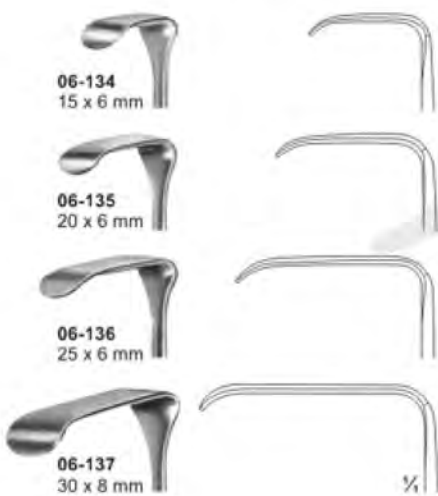
06-128 - 130
MANNERFELT modif.
small curve, sharp
155 mm



06-131 - 133
MANNERFELT modif.
large curve, blunt
155 mm



06-134 - 137
LANGENBECK-
MANNERFELT modif.
155 mm



06-134
15 x 6 mm

06-135
20 x 6 mm

06-136
25 x 6 mm

06-137
30 x 8 mm



06-138 - 140
MANNERFELT modif.
Saddle hooks,
155 mm



06-138
12 x 12 mm



06-139
12 x 14 mm



06-140
14 x 16 mm



06-141
MANNERFELT modif.
Saddle hooks, fenestrated
155 mm



Retractors



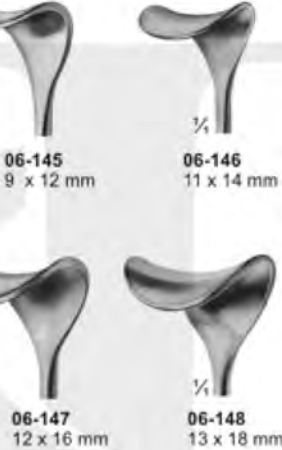
06-142
MASING
140 mm



06-143
COTTLE
140 mm



06-144 - 148
DESMARRES
140 mm



06-149 - 150
KONIG
180 mm



06-151
CUSHING-KOCHER
175 mm



06-152 - 153
KOCHER
205 mm



06-154
SCHOENBORN
200 mm



06-155 - 156
CUSHING
205 mm



06-157
205 mm



06-158 - 160
CUSHING
250 mm



Retractors





Retractors





Bone Retractors and Retractors



06-184
KOCHER
sharp
205 mm



06-185
KOCHER
sharp
220 mm



06-186
KOCHER
sharp
220 mm



06-187
VOLKMANN
blunt
220 mm



06-188
VOLKMANN
sharp
220 mm

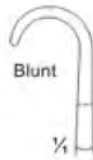


06-189 - 06-196
VOLKMANN
225 mm



Sharp

1/4



Blunt

1/4



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



½
06-197
15 x 15 mm
220 mm



½
06-198
20 x 22 mm
215 mm

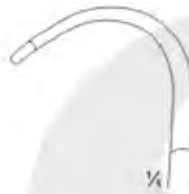


½
06-199
28 x 28 mm
235 mm

½
06-197 - 06-199
MIDDELDORPF



¼



¼



¼



06-200
BUCHS
205 mm



38 x 18 mm

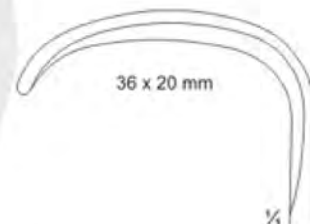


67 x 17 mm

¼



½
06-201
CASPAR
210 mm



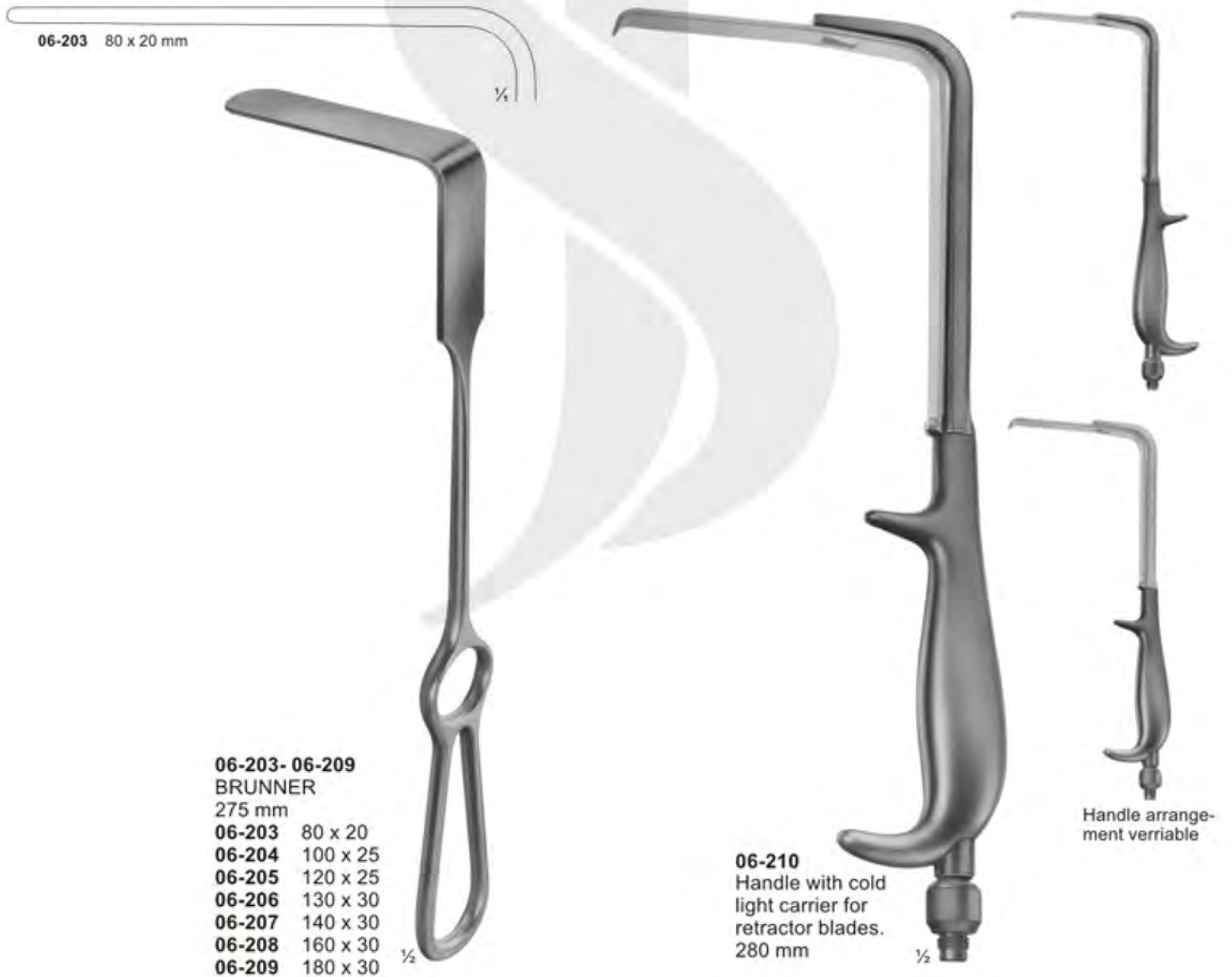
36 x 20 mm

¼

½
06-202
KOCHER
230 mm

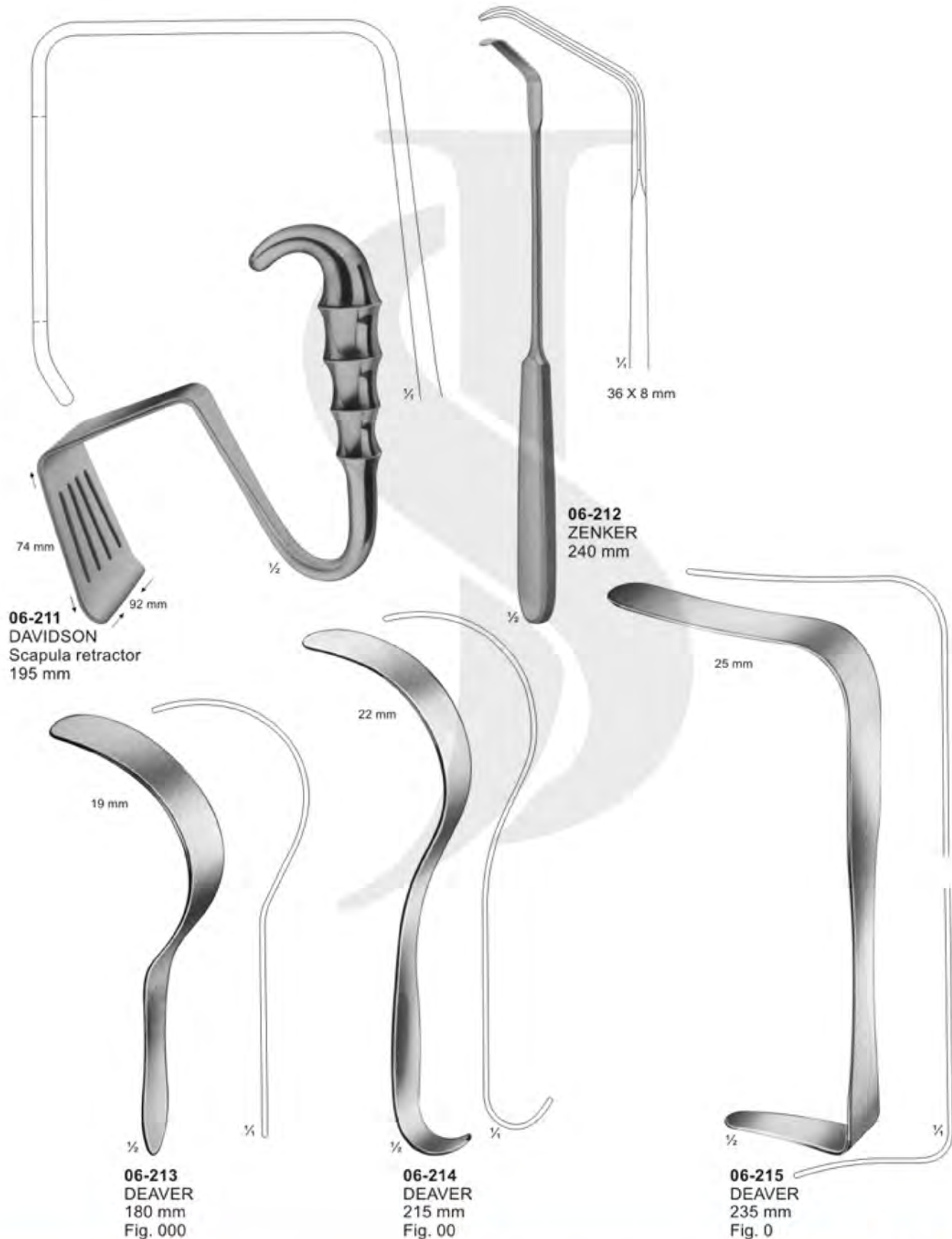


Retractors, Vario Retractor System



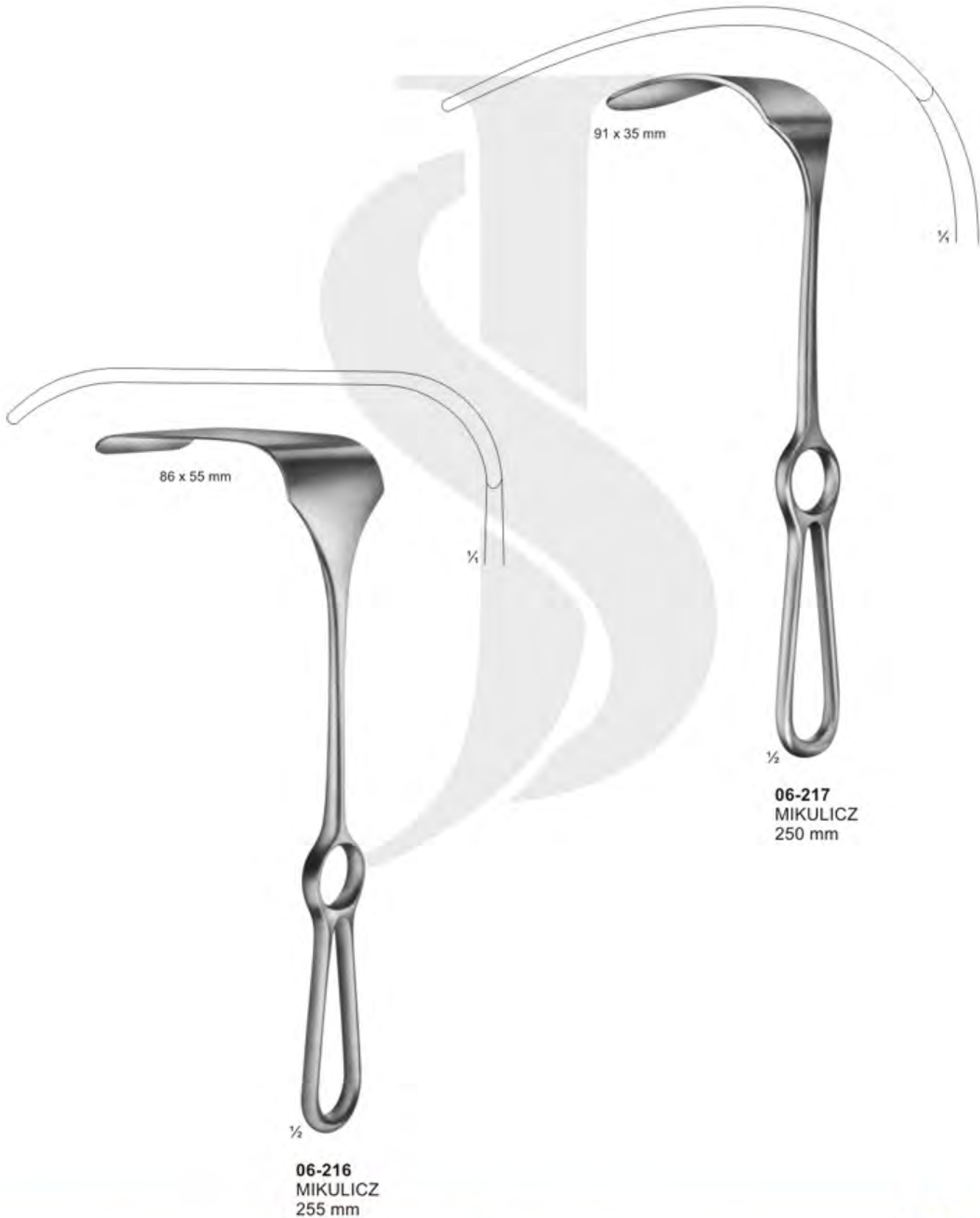


Retractors, Lung Spatulas





Retractors for deep surgery (Abdominal Retractors)





Retractors, Abdominal Retractors

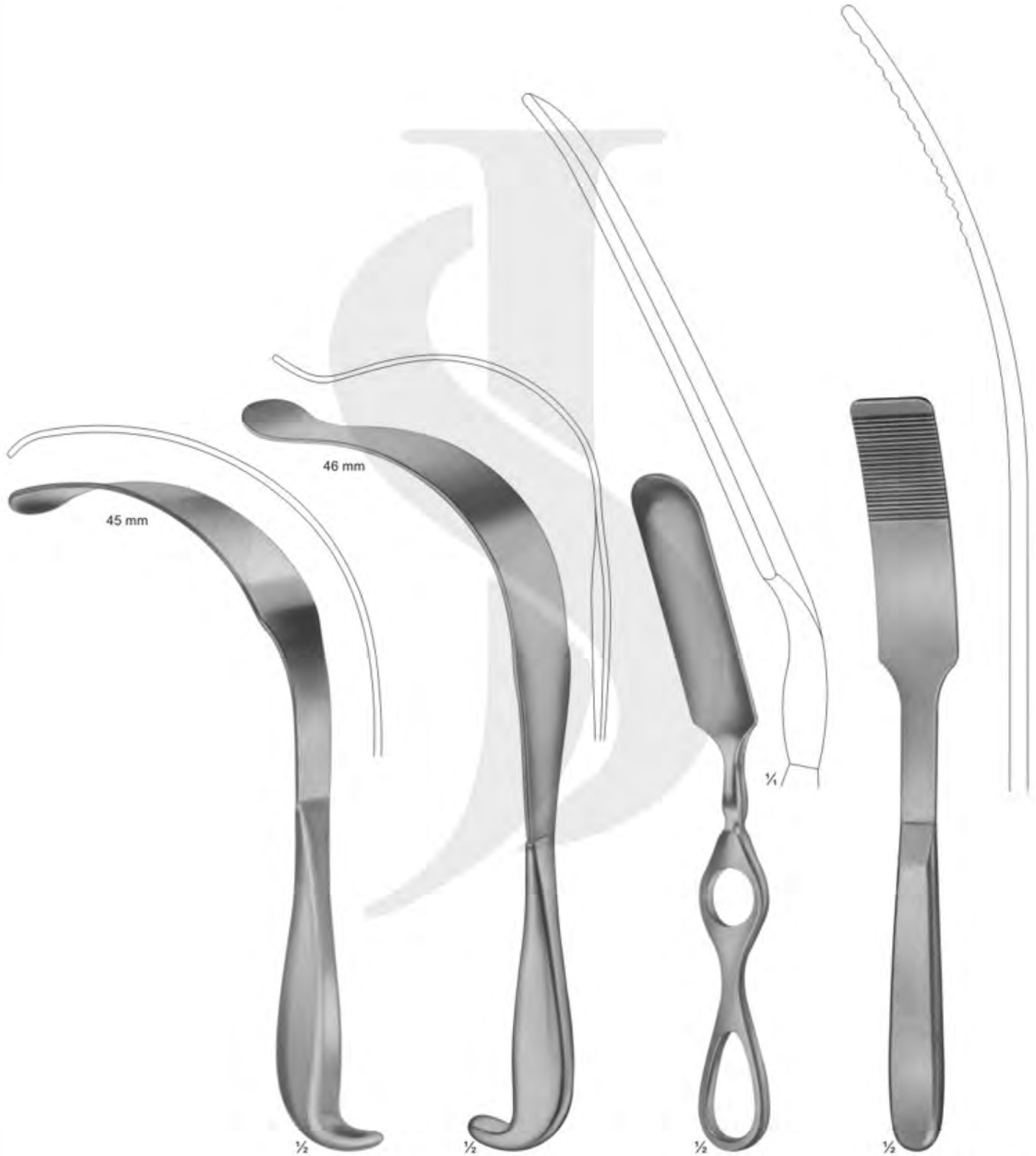


width of blades
35 mm, 45 mm, 60 mm

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



Abdominal- and Intestinal Spatulas Bauch- und Darmspatel



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

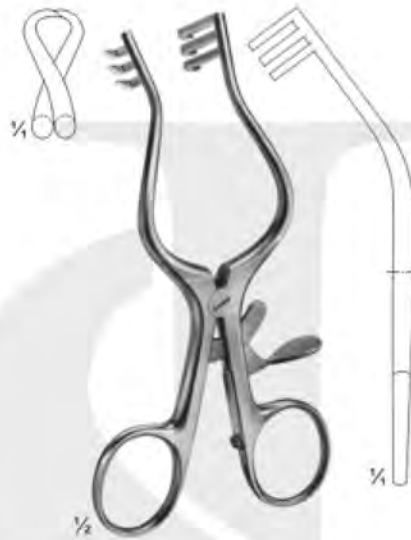




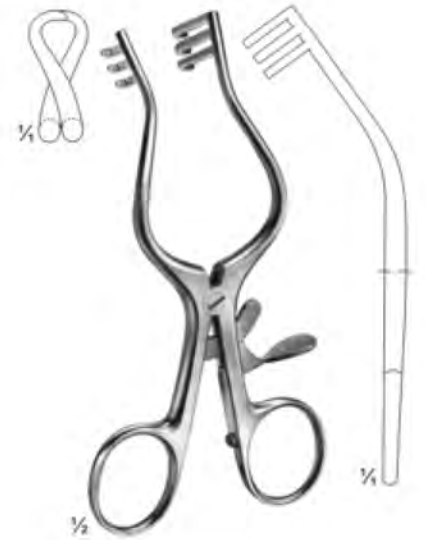
Self-Retaining Retractors



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



Special Retractors



½

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



½

06-247
JACKSON BURROWS
Retractor, blunt
185 mm

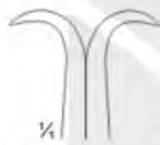


¼



½

06-248
GELPI
Vaginal retractor
135 mm

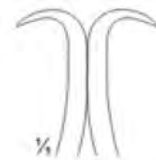


¼



½

06-249
GELPI
Skin- and vaginal retractor
175 mm



¼



½

06-250
DE BAKEY
Femur retractor
145 mm



Lamina Spreaders



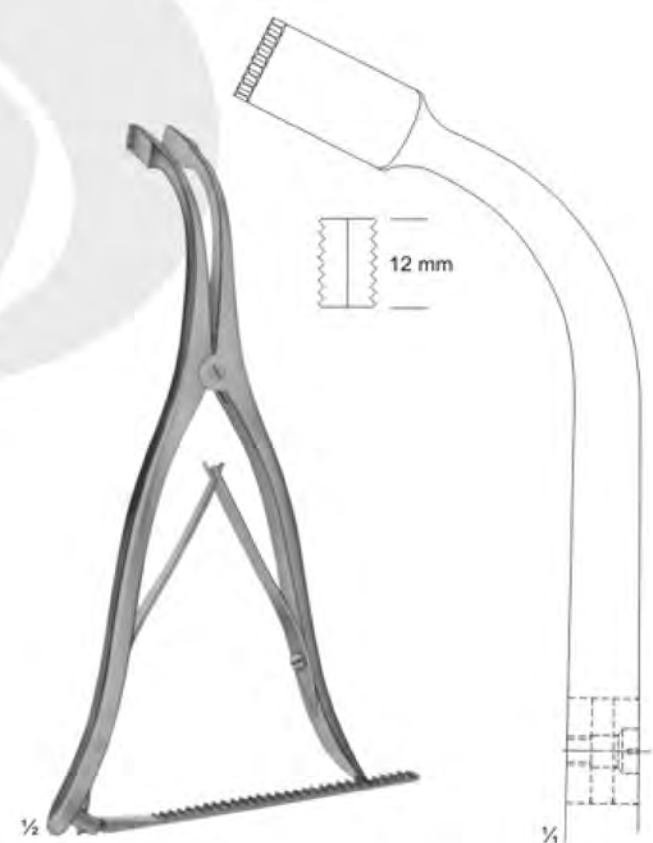
06-251
CLOWARD
155 mm



06-252
CLOWARD
135 mm



06-253
INGE
170 mm



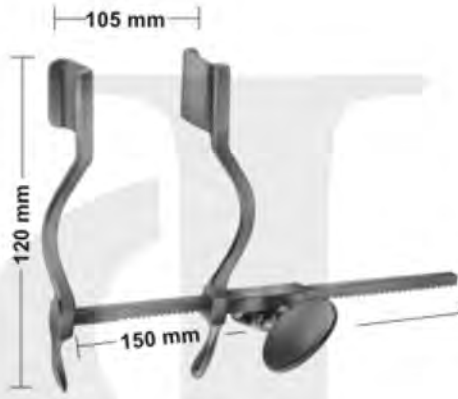
06-254
INGE
275 mm



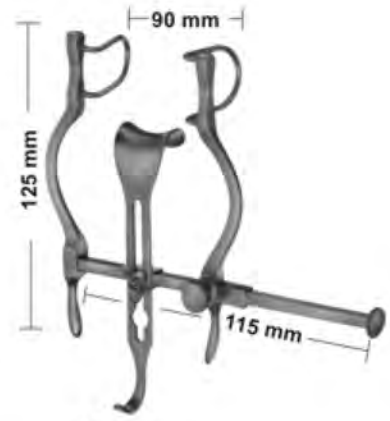
Abdominal Retractors



06-255
GOSSET
Blades: 38 mm deep



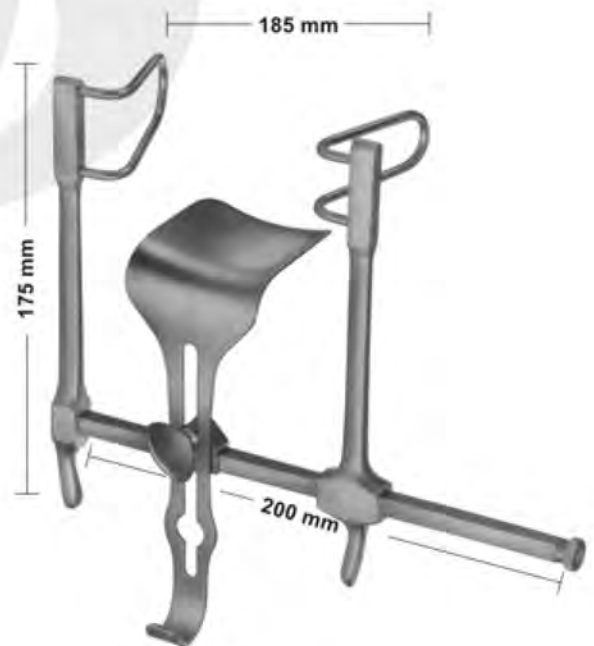
06-256
HERTZLER
Blades 20 X 25 mm



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



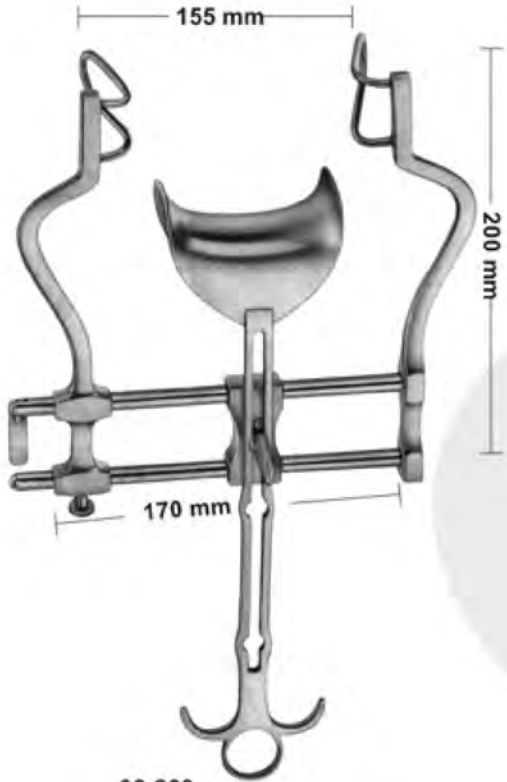
06-258
GOSSET
Blades: 55mm deep



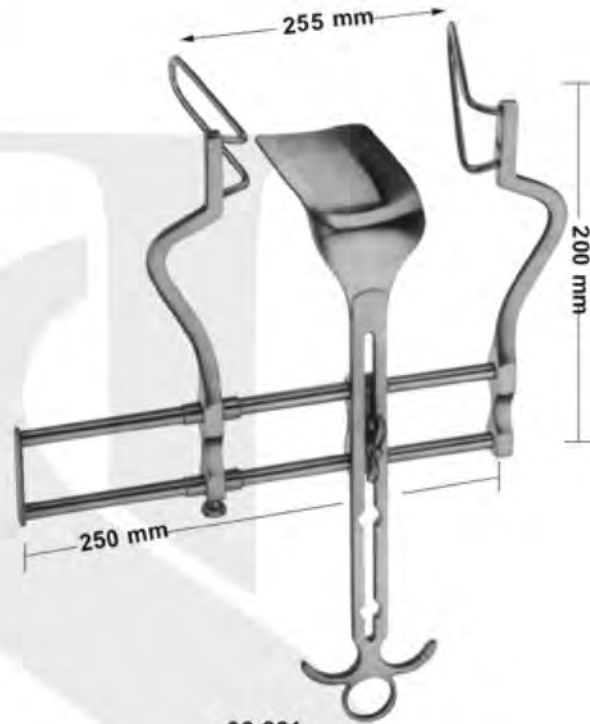
06-259
GOSSET
Lateral blades 58 mm deep
Center blade 59 x 57 mm



Abdominal Retractors



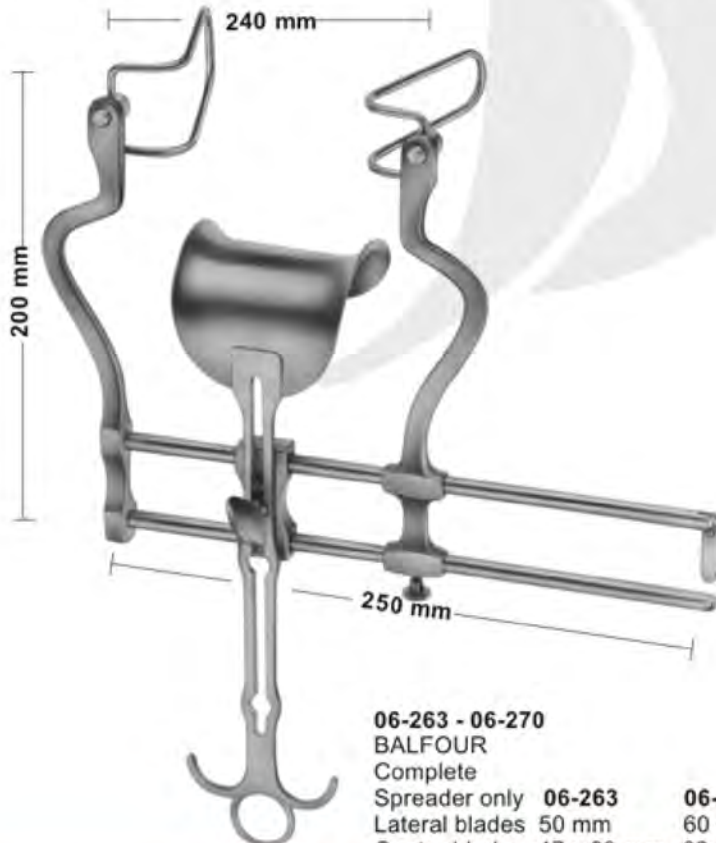
06-260
BALFOUR
Lateral blades 60 mm deep
Center blade 47 x 80 mm



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



06-262
Center blade only
54 x 80 mm



06-263 - 06-270
BALFOUR
Complete
Spreader only

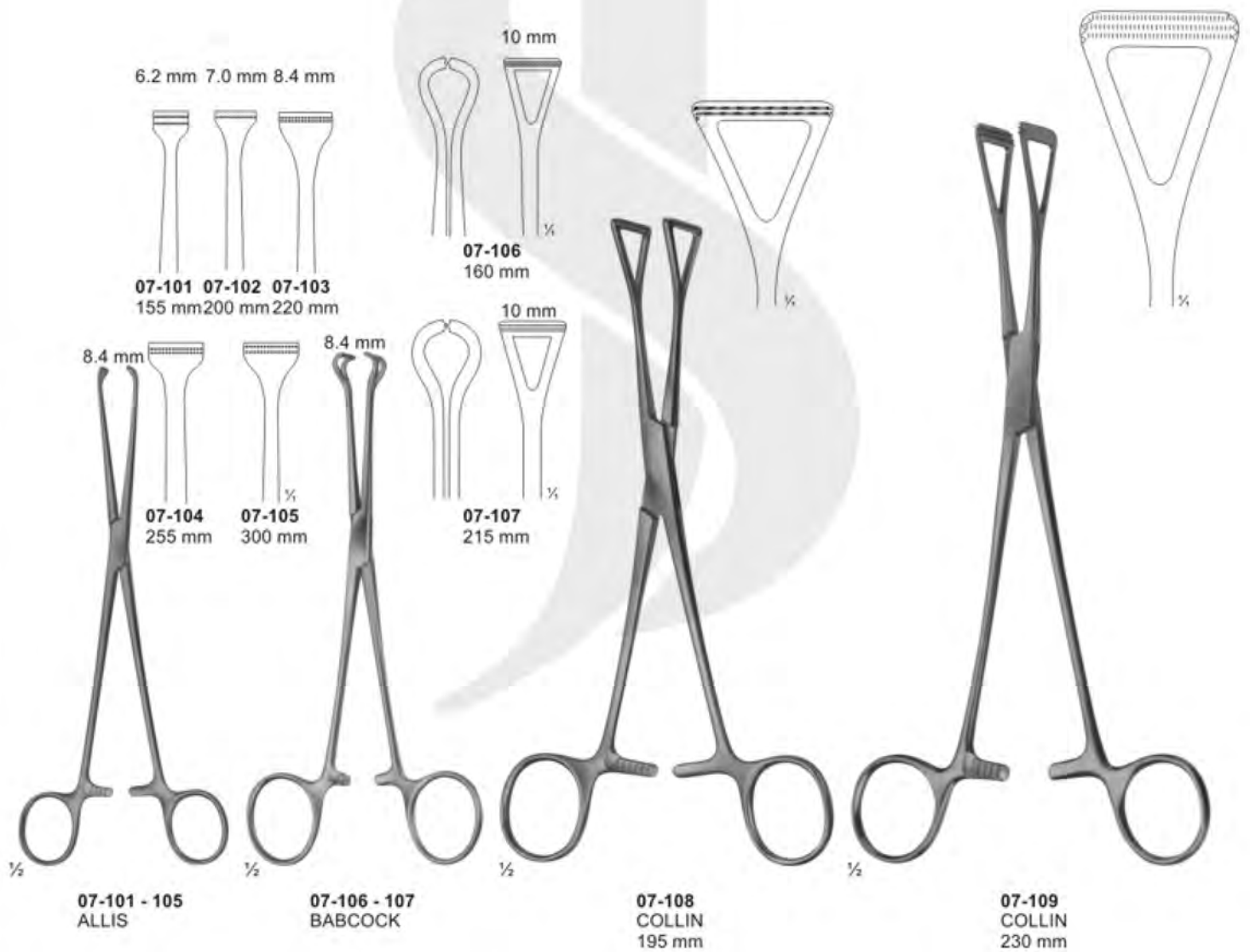
	06-263	06-264	06-265	06-266
Lateral blades	50 mm	60 mm	75 mm	90 mm
Center blade	47 x 80 mm	62 x 76 mm	80 x 80 mm	80 x 80 mm



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



Organ-, Tissue and Intestinal Grasping Forceps



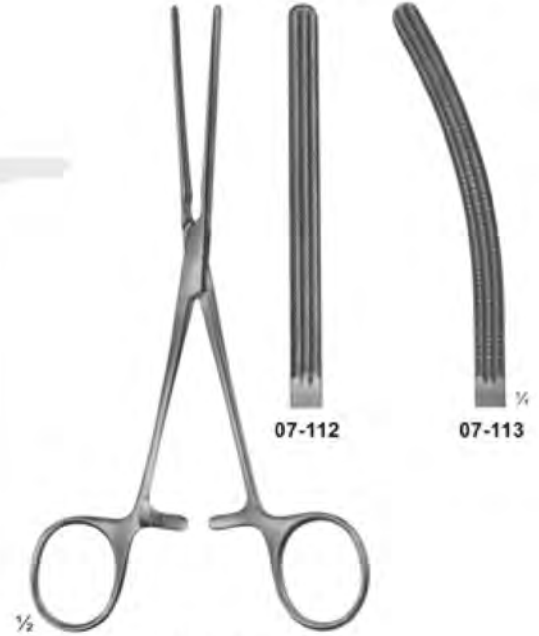


Intestinal Clamps, soft elastic

ATRAUMATA

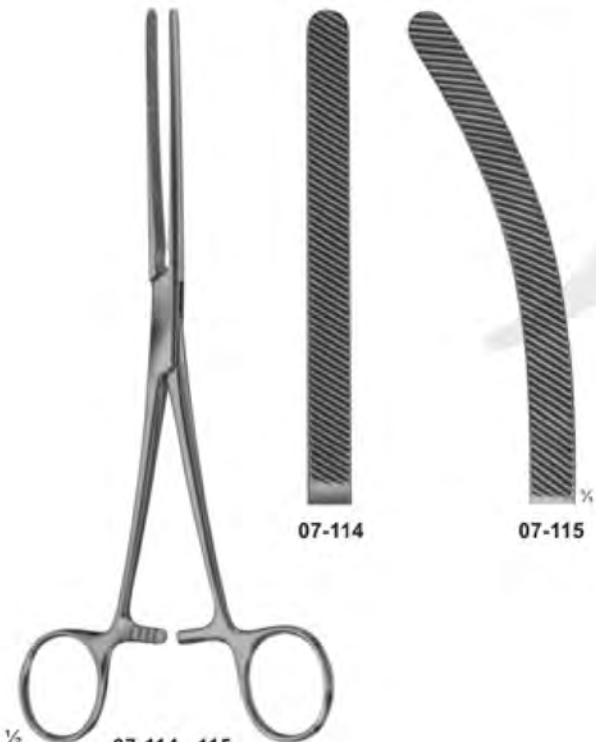


07-110 - 111
DOYEN
elastic
165 mm



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



Intestinal and Pylorus Clamps



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

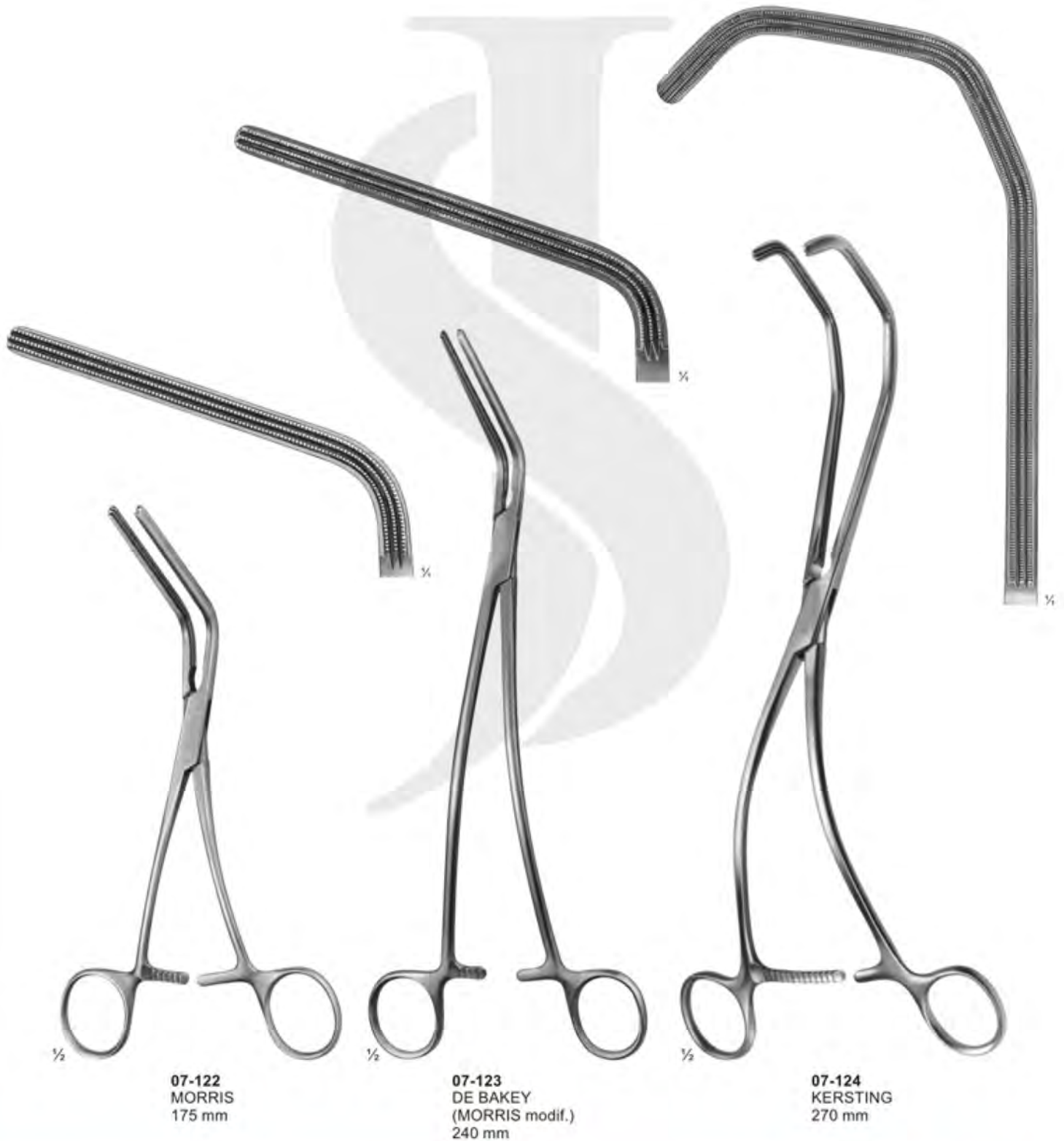
07-119
PAYR
200 mm

07-120
PAYR
275 mm

07-121
PAYR
Pylorus clamp
315 mm



ATRAUMATA Sigmoid Anastomosis Forceps



07-122
MORRIS
175 mm

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

07-124
KERSTING
270 mm





Nasal Specula



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



08-102
SIMS
160 mm



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



08-104
Killian

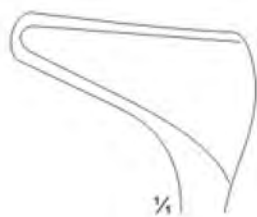


Fig. 1
14 cm 5 4/8"
35 mm



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

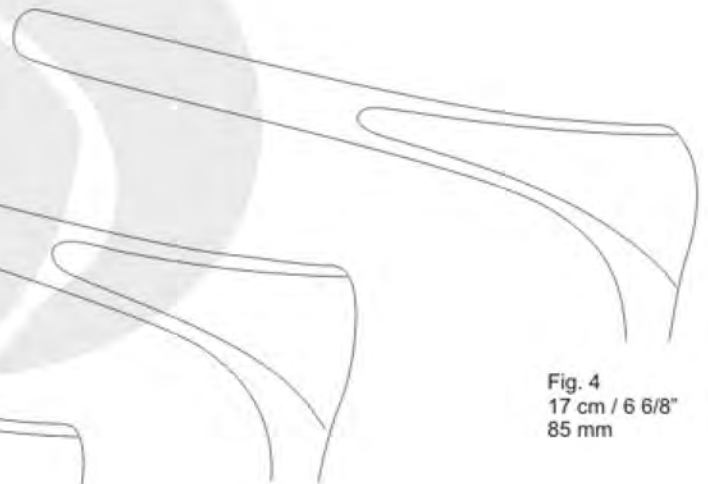


Fig. 3
16 cm / 6 2/8"
75 mm

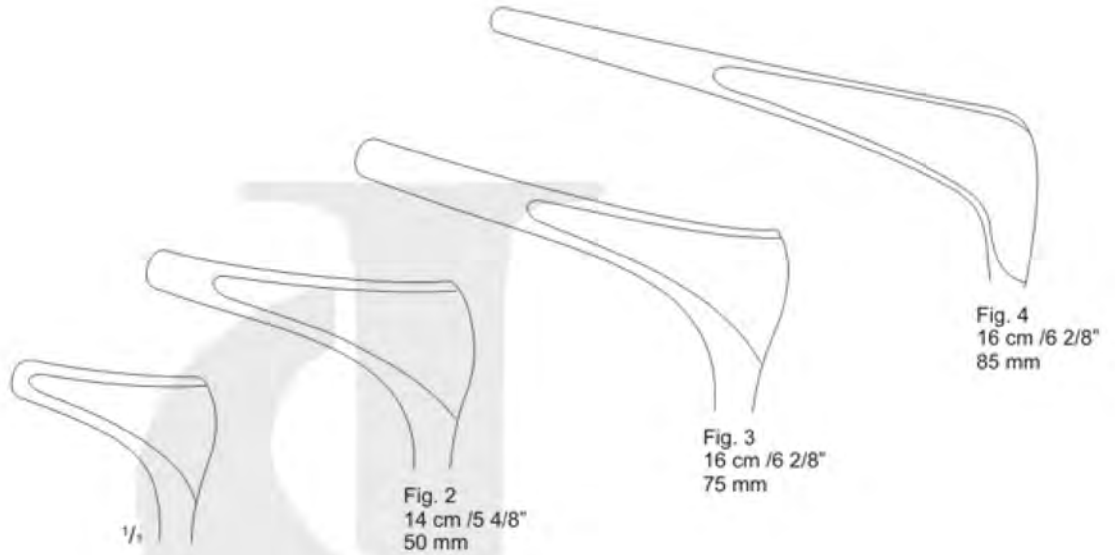
Fig. 4
17 cm / 6 6/8"
85 mm



Nasal Specula



08-105
Cottle



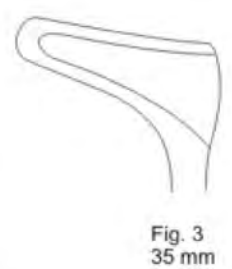
08-106
Goldsmith (Thudichum)
6,5 cm / 2 4/8"



08-107
Mod. Wien 2
13,5 cm / 5 1/8"



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





Anuscopes-Sphincteroscopes



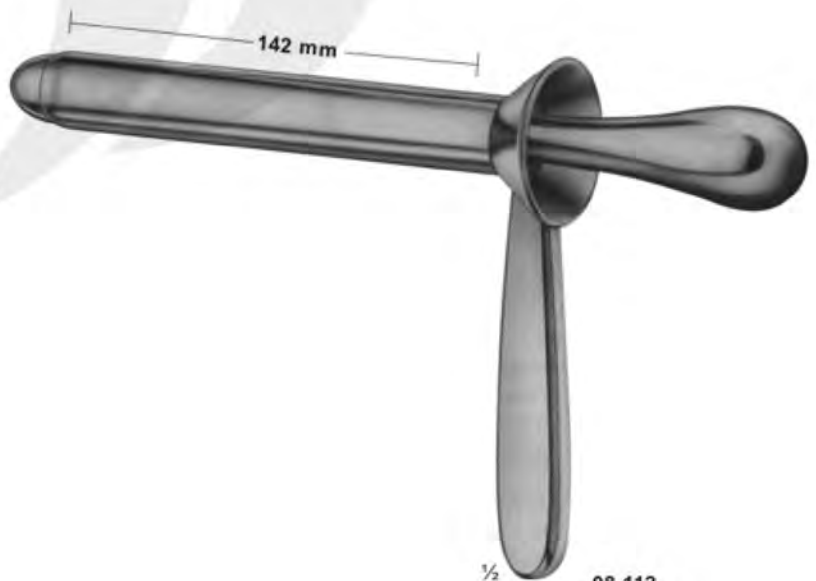
08-109
IVES-FANSLER
Anuscopy
145 mm
Ø24mm



08-110
KELLY
Sphincteroscope
160 mm
Ø21mm



08-111
KELLY
Sphincteroscope
160 mm
Ø27mm



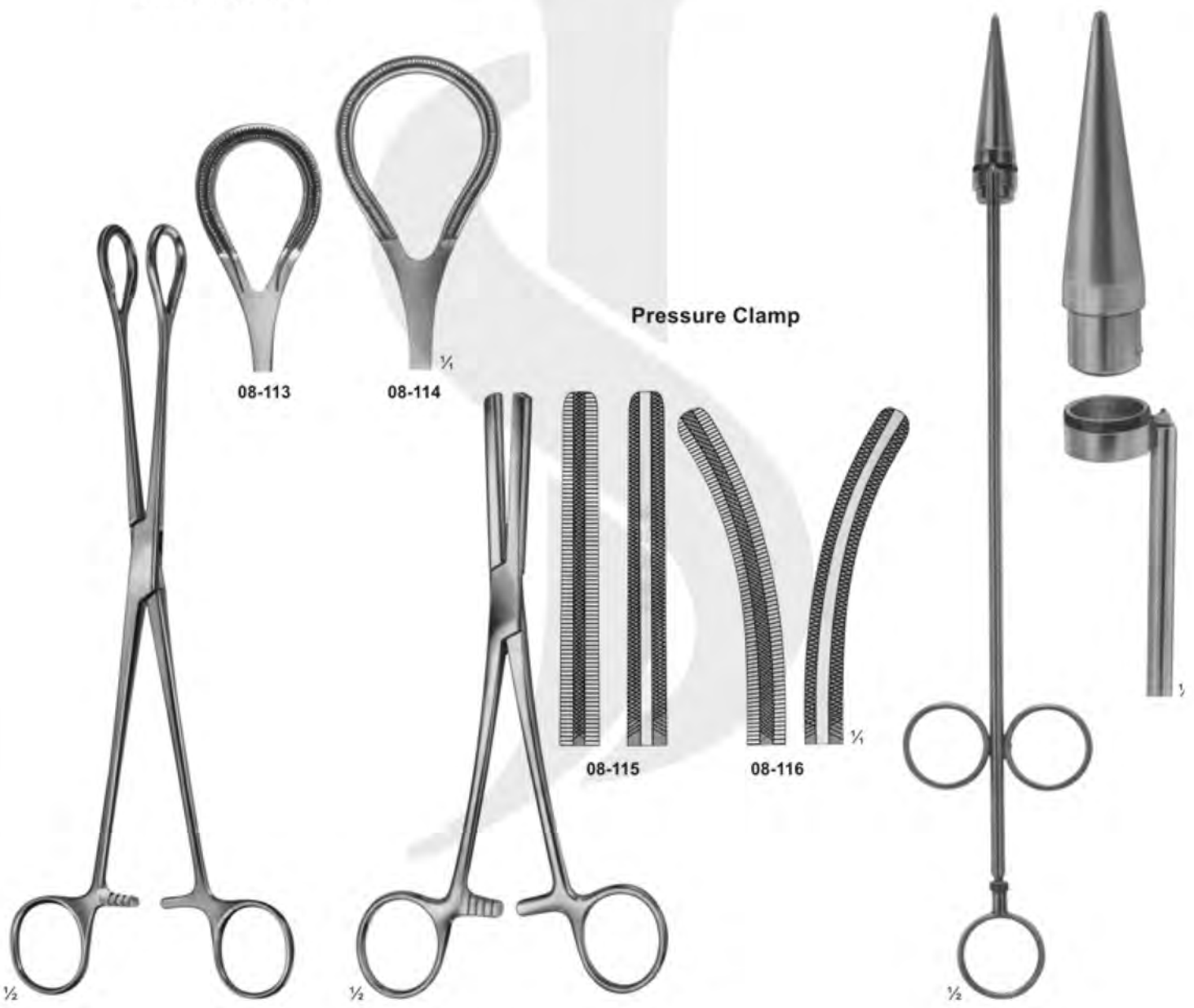
08-112
KELLY
Proctoscope
140 mm
Ø22mm





Haemorrhoidal Forceps

ATRAUMATA



08-113

08-114

08-115

08-116

1/2

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

08-115 - 08-116
FERGUSSON
200 mm

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



Gall Duct Forceps



08-118
LOWER
180 mm



08-119
LAHEY (SWEET)
190 mm



08-120
LAHEY
220 mm



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



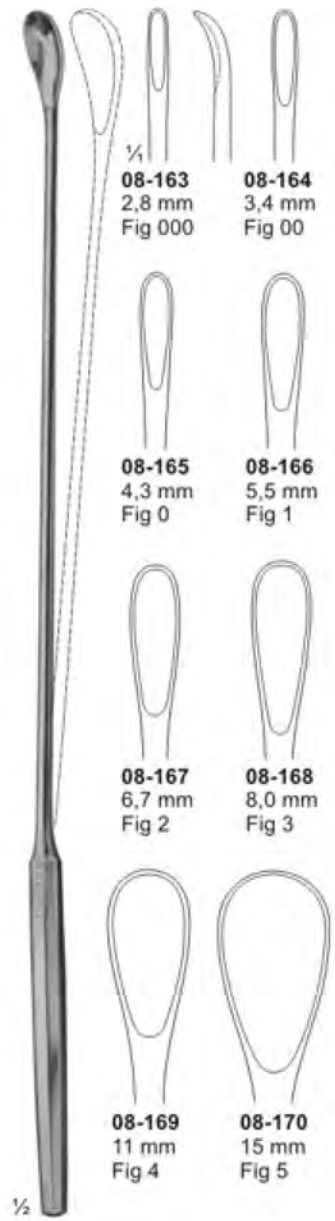
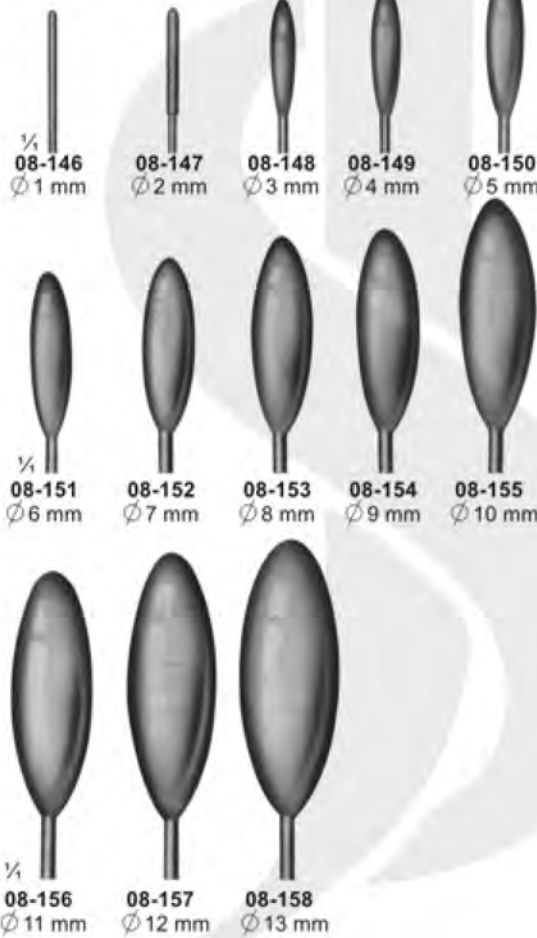
08-122
NISSEN
Gall duct-and cystic forceps
215 mm



Gall Duct Dilators and Gall Stone Scoops



- Charr.
(French)**
- 08-123 8
 - 08-124 9
 - 08-125 10
 - 08-126 11
 - 08-127 12
 - 08-128 13
 - 08-129 14
 - 08-130 15
 - 08-131 16
 - 08-132 17
 - 08-133 18
 - 08-134 19
 - 08-135 20
 - 08-136 21
 - 08-137 22
 - 08-138 23
 - 08-139 24
 - 08-140 25
 - 08-141 26
 - 08-142 27
 - 08-143 28
 - 08-144 29
 - 08-145 30



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

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

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

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



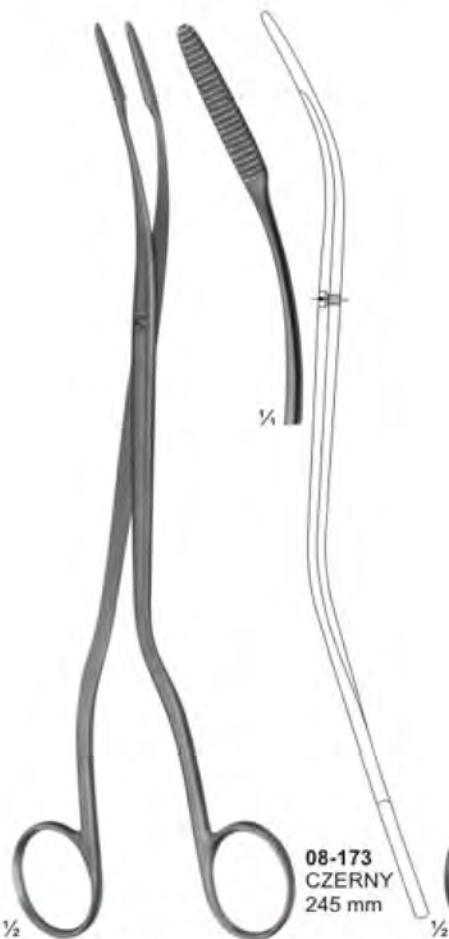
Gall Stone Forceps



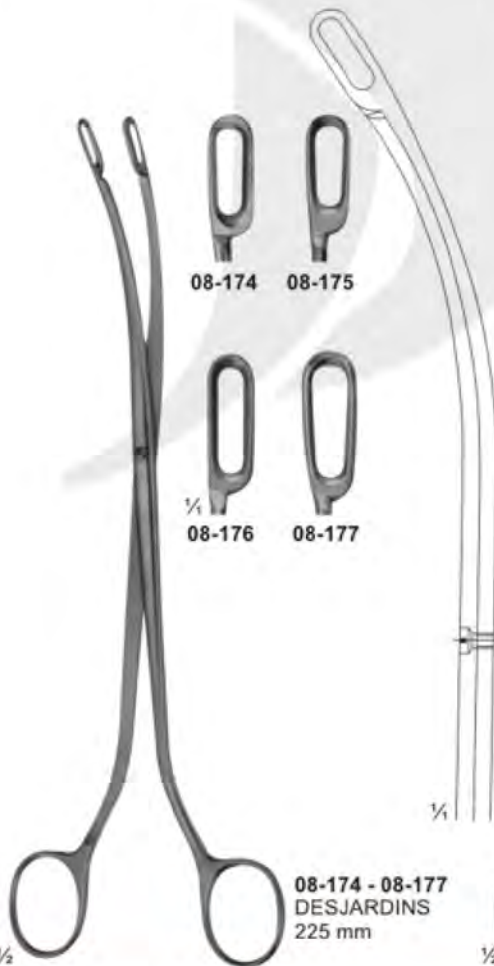
08-171
BLAKE
205 mm



08-172
BLAKE
205 mm



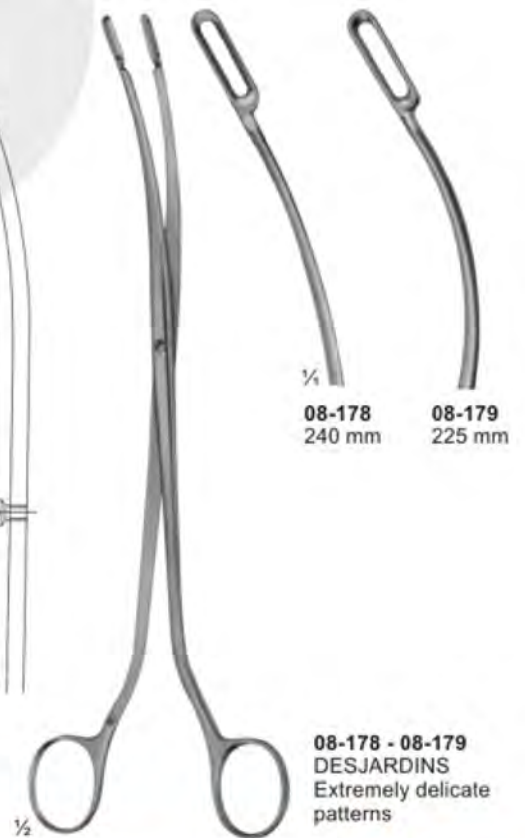
08-173
CZERNY
245 mm



08-174 **08-175**

08-176 **08-177**

08-174 - 08-177
DESJARDINS
225 mm



08-178
240 mm

08-179
225 mm

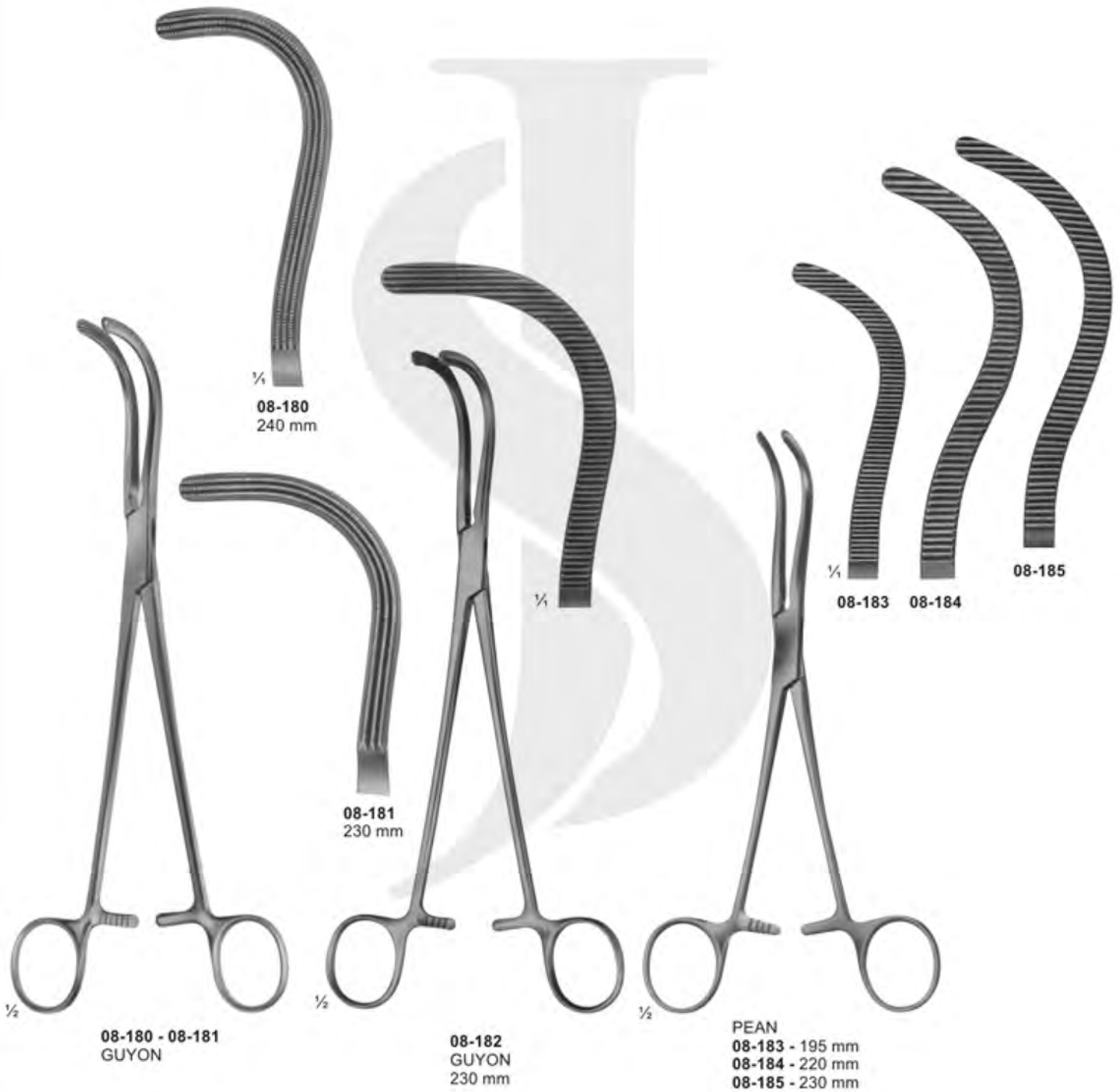
08-178 - 08-179
DESJARDINS
Extremely delicate
patterns





Kidney Clamps

ATRAUMATA





Kidney Stone Forceps



08-186



08-187



08-190



08-191



1/4
08-192



08-188



1/4
08-189



1/2

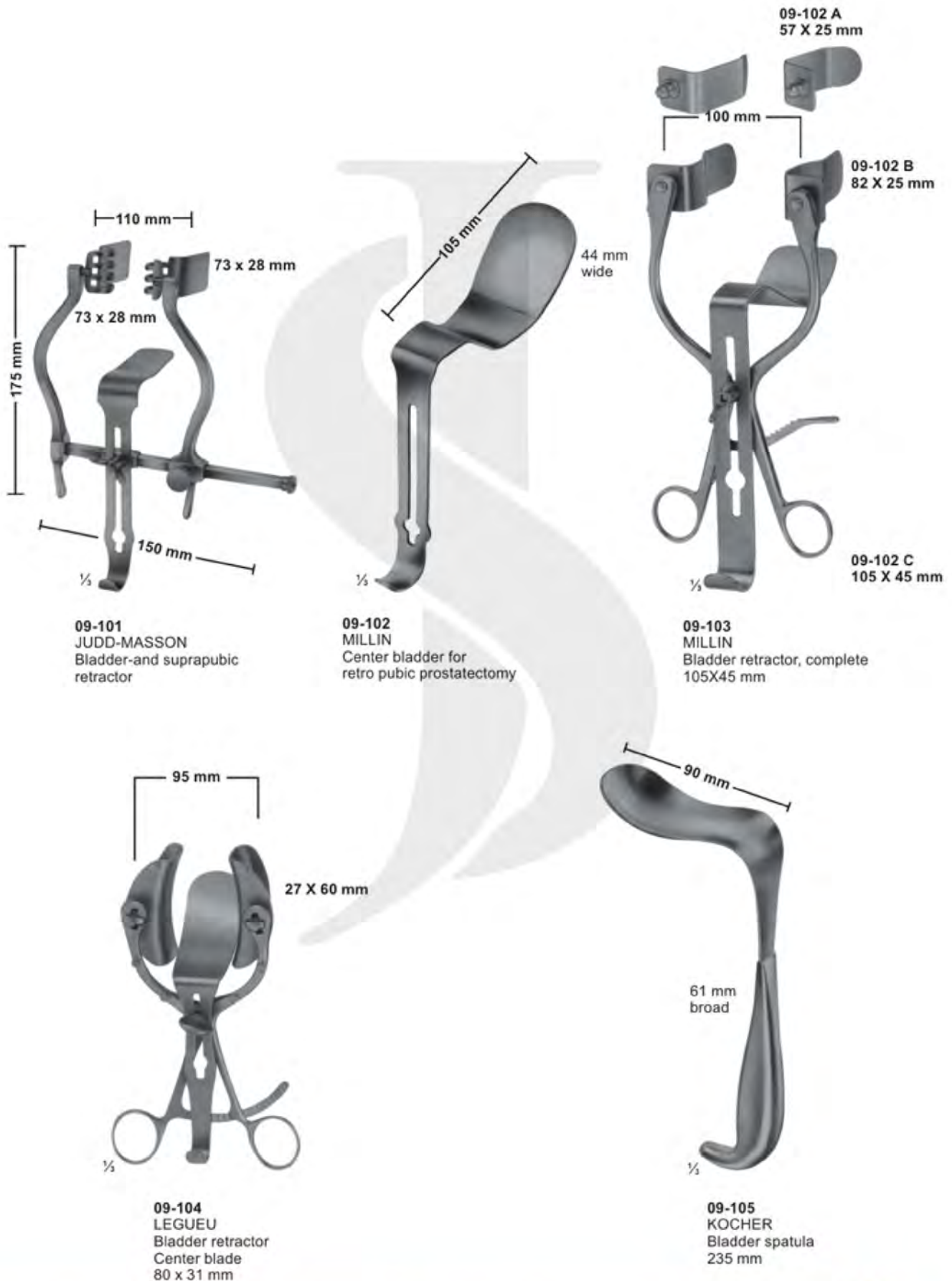
08-186 - 08-189
RANDALL
225 mm

08-190 - 08-192
RANDALL
190 mm





Bladder Retractors





Trocars



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



09-107
Universal trocar
with 4 tips



NELSON



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



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



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



09-123
PIERCE
Antrum trocar
 ϕ 4,0 mm



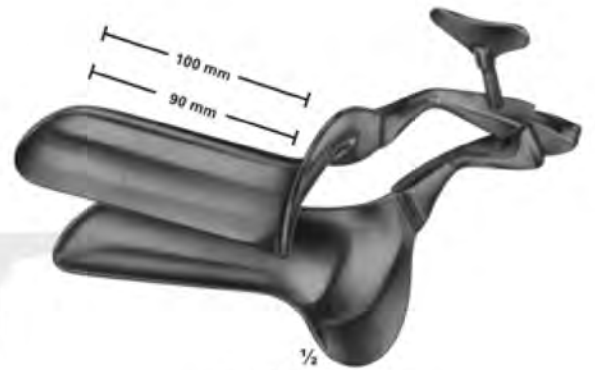
09-124
COAKLEY
Antrum trocar
3,0 mm



Vaginal Specula



10-101
COLLIN
for children
53 x 10 mm



10-102 - 105
COLLIN

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



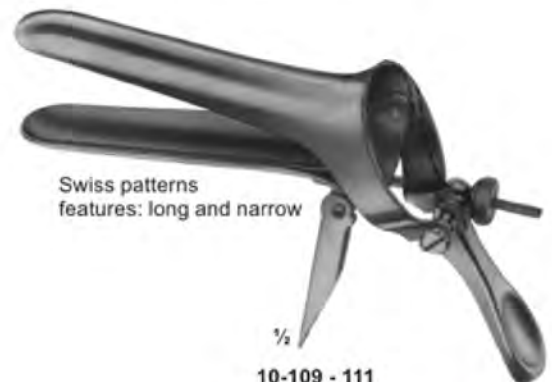
10-106
COLLIN
for virgins
95/85 x 18 mm



10-107
CUSCO
for virgins
75 x 17 mm



10-108
CUSCO
for virgins
75 x 17 mm



Swiss patterns
features: long and narrow

10-109 - 111
CUSCO

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



Vaginal Specula- Sets, upper and lower blades



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

½



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

½



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

½



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

½



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

½



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

½



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

½



Vaginal Specula- upper and lower blades



10-132 75X10 mm
175 mm

10-136 70X15 mm
175 mm

10-133 75X23 mm
180 mm

10-137 70X27 mm
180 mm

10-134 80X25 mm
180 mm

10-138 75X30 mm
180 mm

10-135 100X32 mm
185 mm

10-139 90X36 mm
185 mm

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

10-132 - 10-135
KRISTELLER
Upper blades

10-136 - 10-139
KRISTELLER
Lower blades



Vaginal Specula



10-140
60 X 45 mm

10-141
90 X 45 mm

10-142
112 X 45 mm

$\frac{1}{2}$
10-140 - 143
DOYEN
235 mm

$\frac{1}{2}$
10-143 - 10-153
DOYEN
240 mm

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





Vaginal Retractors



1/2
10-154
JOLL (FRIEDMAN)
155 mm



1/2
10-155
RICHTER
170 mm



1/4
10-156
GELPI
135 mm



1/4
10-157
GELPI
175 mm



Uterine Dilators



½

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

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



½

11-144 - 152
HEGAR
205 mm

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

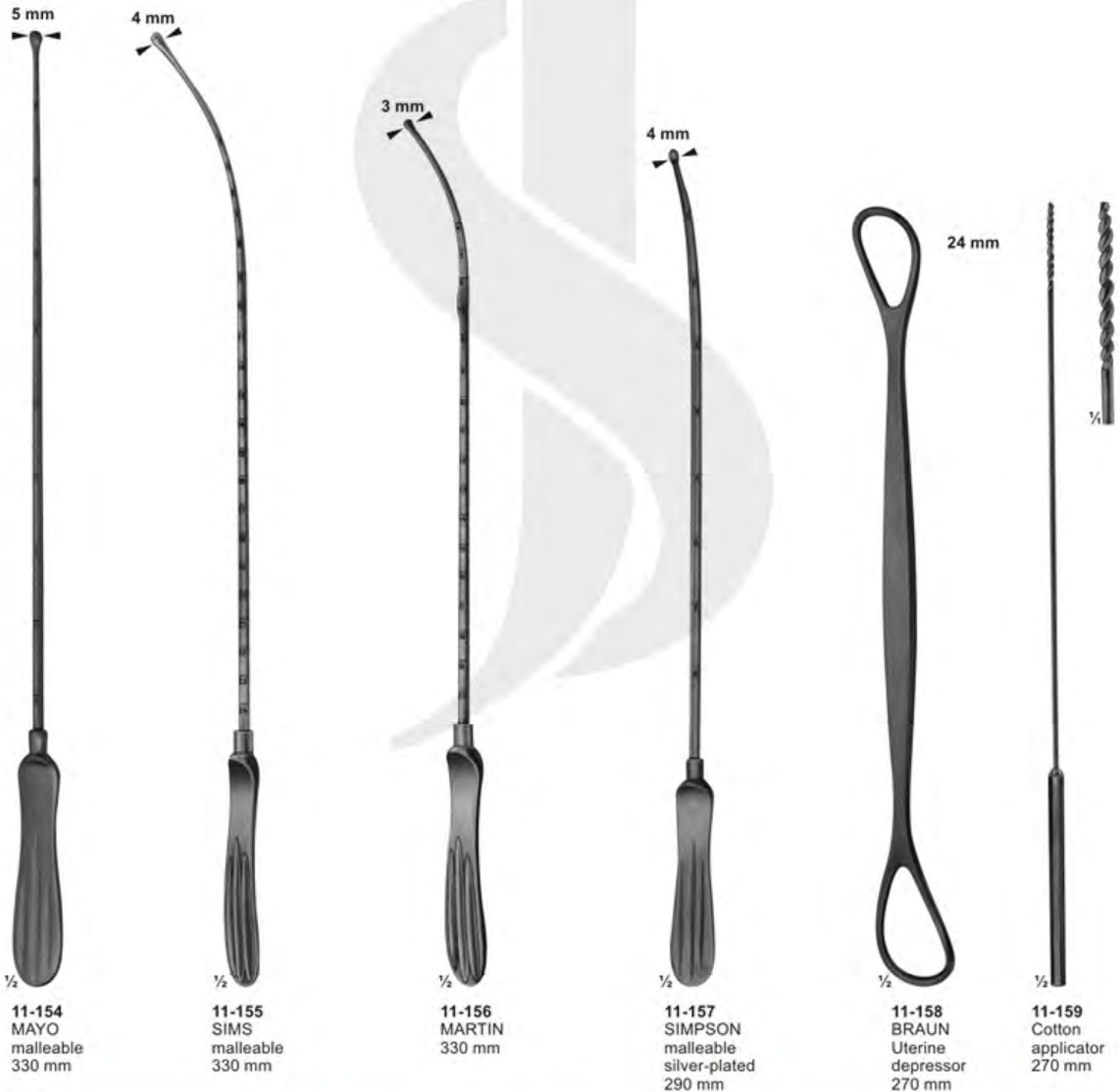


¼

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



Uterine Probes





Uterine Dressing Forceps



11-160
PELKMANN
260 mm



11-161
PELKMANN
260 mm



11-162
BOZEMANN
250 mm



11-163
BOZEMANN
255 mm

Jaws with longitudinal groove





Polypus-and Ovum Forceps



11-164
HEYWOOD-SMITH
200 mm

11-165
KELLY
320 mm

11-166
HEYWOOD-SMITH
250 mm

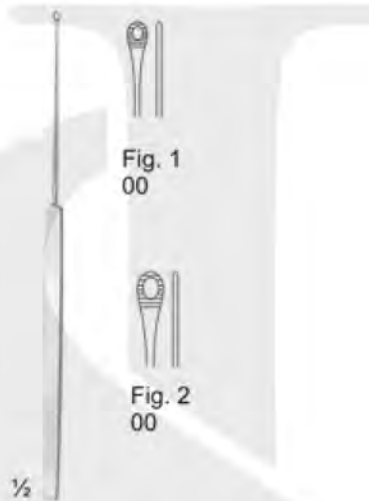
11-167
NOTO
280 mm



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"



Fig. 00



Fig. 0



Fig. 1



Fig. 1



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



Fig. 000



Fig. 00



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 000



Fig. 00



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Biopsy Curettes



12-105
ASCH
Uterine
Secretion scoop
200 mm



12-106
Uterine
Secretion scoop
270 mm



12-107
NOVAK-SCHOECKAERT
Endometrial biopsy
curette
240 mm



12-108
RANDALL
Endometrial
biopsy curette
240 mm



Ear Polypus Forceps



12-109
Hartmann-Wullstein
shaft length
85 mm



12-110
Hartmann-Wullstein
shaft length
85 mm



12-111
Hartmann
shaft length
85 mm



12-112
Hartmann
shaft length
85 mm

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



12-109 - 12-119



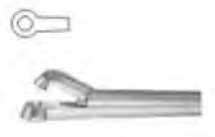
12-114
Hartmann-Herzfelr
2,0 mm
shaft length
85mm



12-115
Hartmann
3 mm
shaft length
85mm



12-116
shaft length
85mm



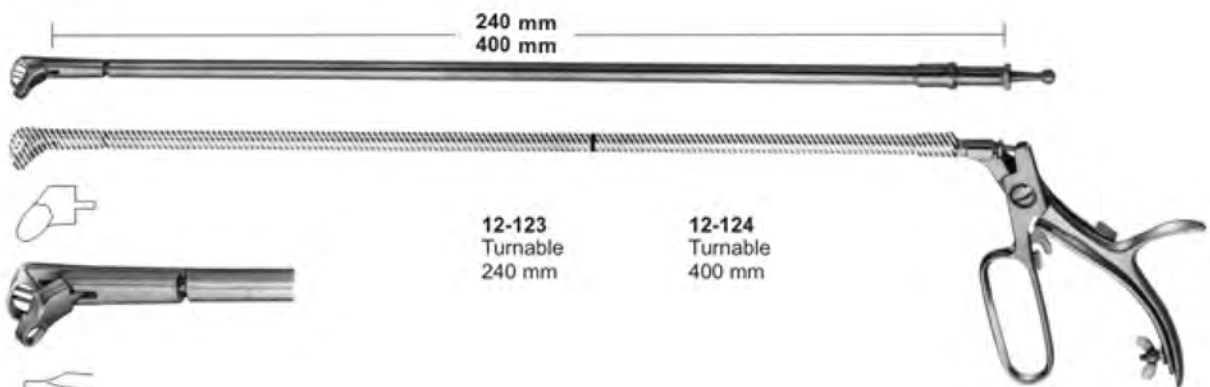
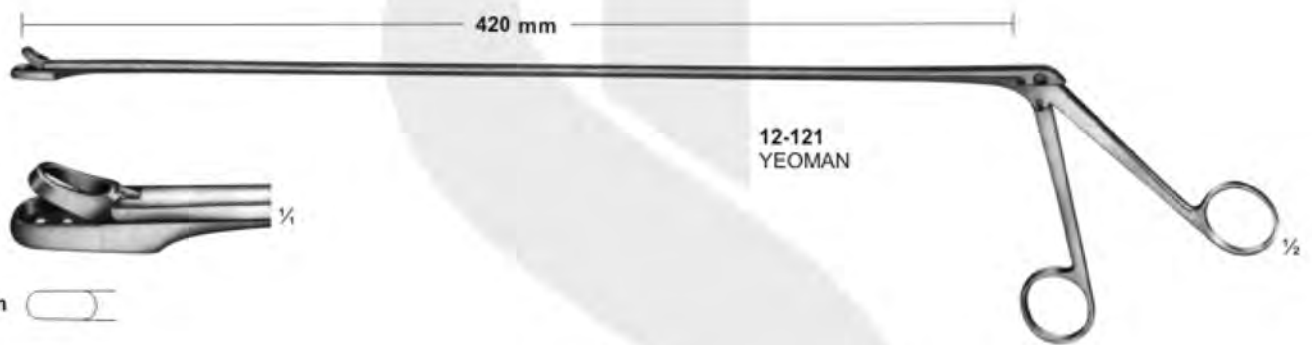
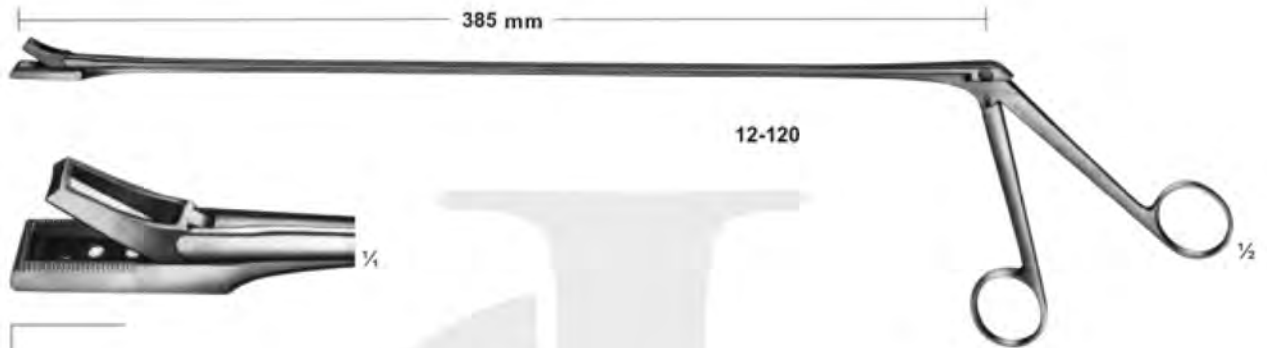
12-117
Hartmann-Hoffmar
2,0 mm
85mm

12-118
2,5 mm
85 mm

12-119
3,0 mm
85 mm



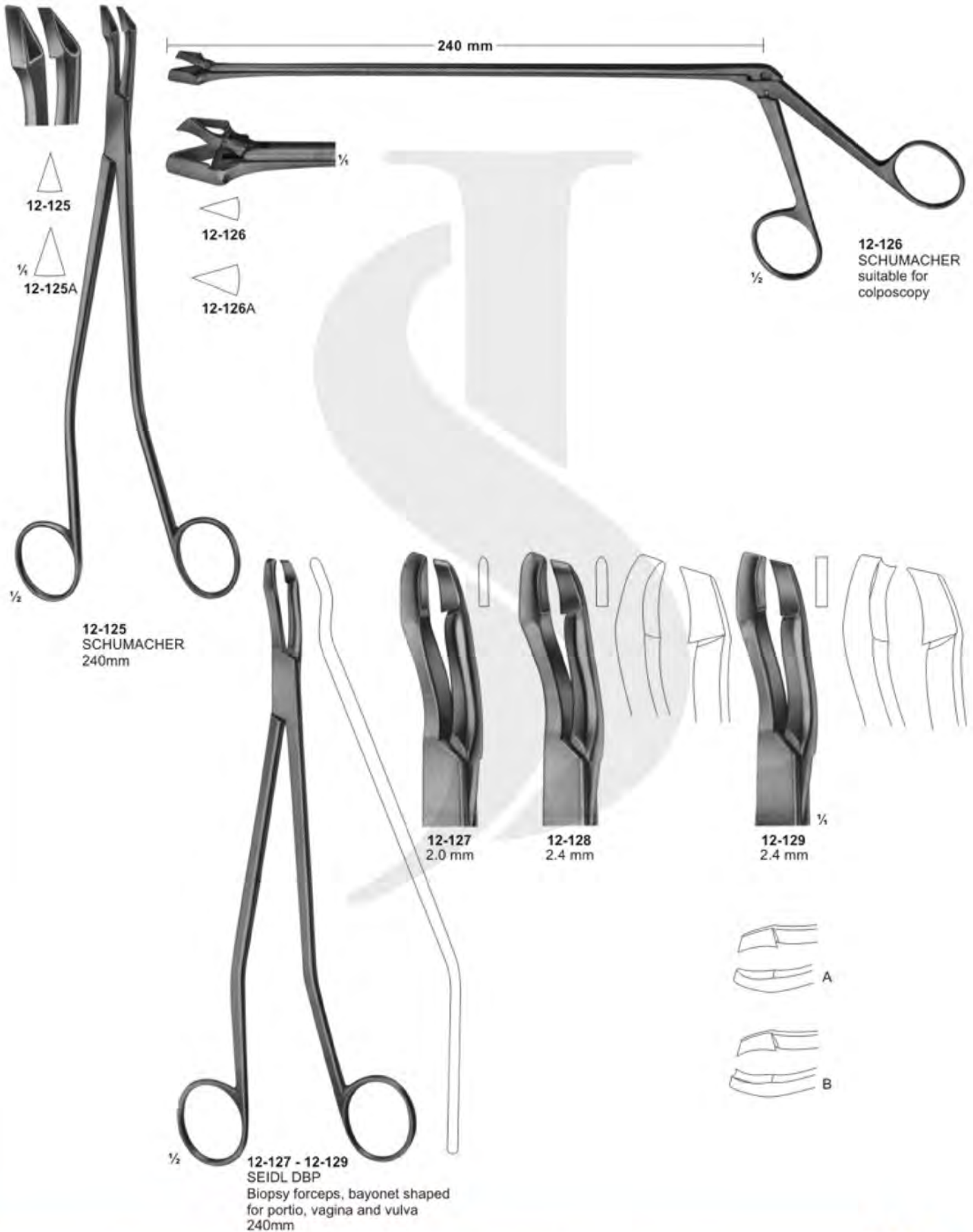
Biopsy forceps for rectum



with drawing cut,
attachments only

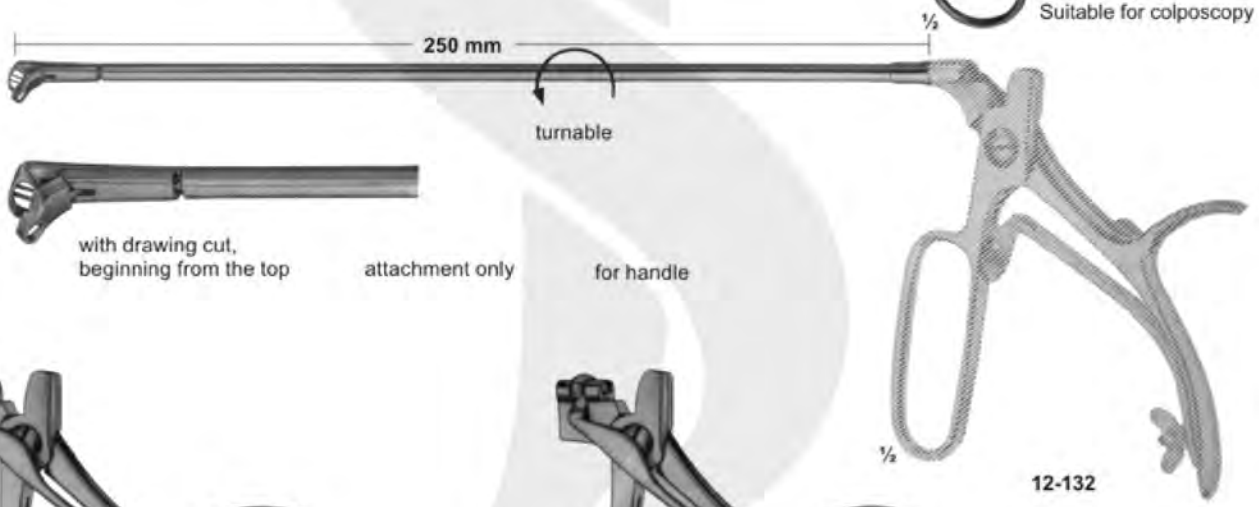
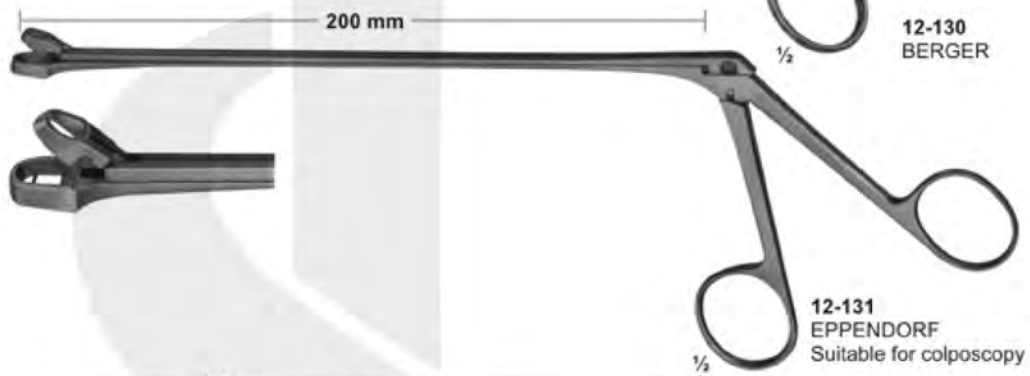
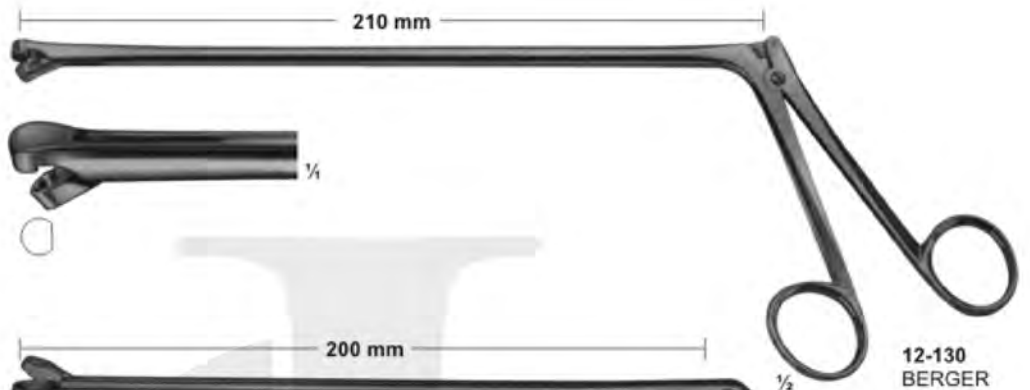


Biopsy Forceps



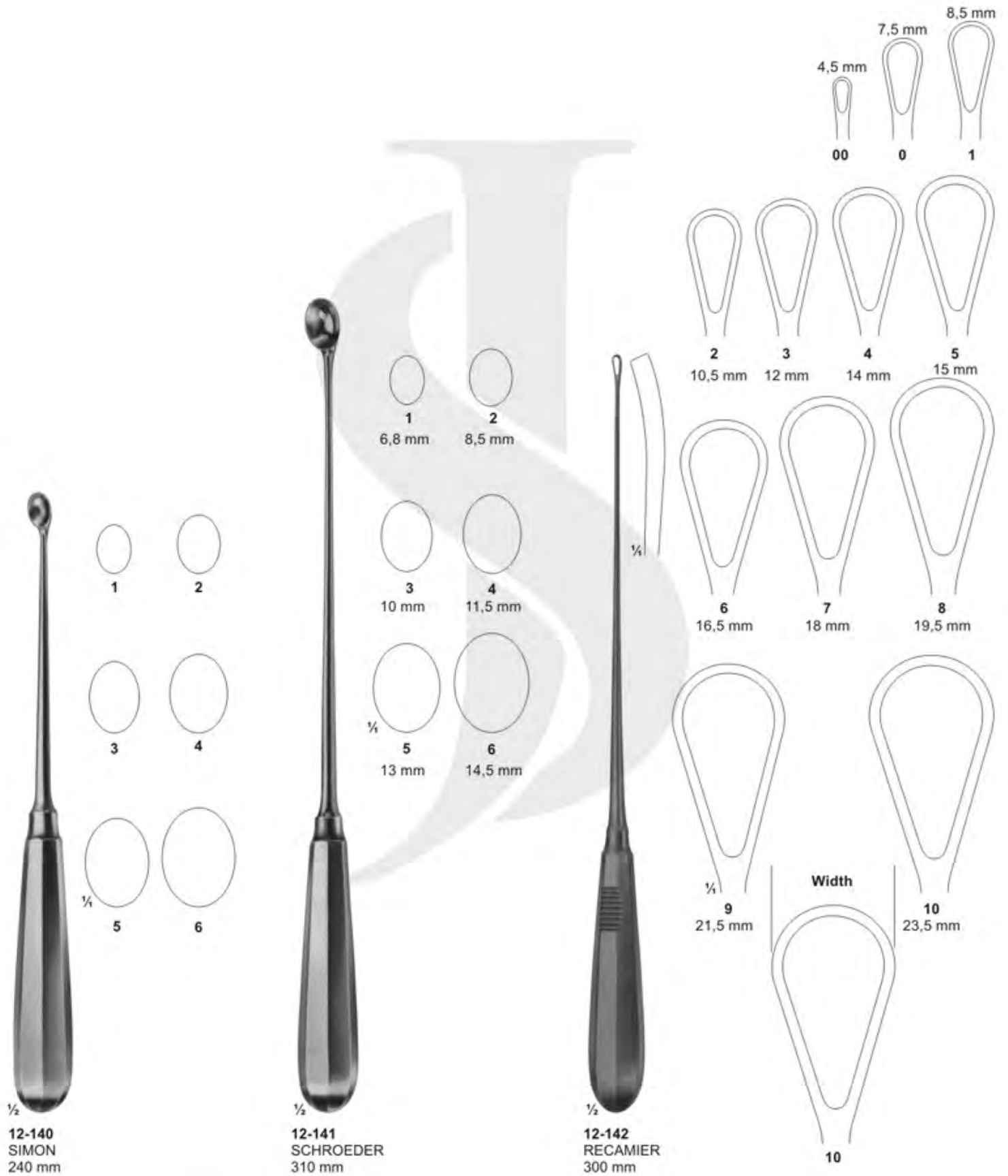


Biopsy Forceps





Uterine Scoops





Obstetrical Forceps



13-101
NAEGELE
355 mm



13-102
NAEGELE
400 mm



13-103
SIMPSON-BRAUN
305mm





Obstetrics- Placenta and Ovum Forceps



Fig: 1
13-104

Fig: 2
13-105

Fig: 3
13-106

Fig: 1
13-107

Fig: 2
13-108

Fig: 3
13-109

1/2

1/2

1/2

1/2

13-104 - 106
WINTER
290 mm

13-107 - 109
WINTER
290 mm

13-110
SAENGER
275 mm



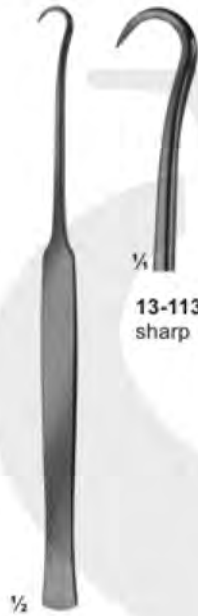
Tound-and Tracheal Hooks and Dilators



13-111
BOSE
165 mm



13-112
BOSE
165 mm



13-113 - 115
180 mm



13-113
sharp



13-114
blunt



13-115
stumpf/blunt



13-116
FINSEN
50 mm



13-117
FINSEN
70 mm



13-118
TROUSSEAU
120 mm



13-119
LABORDE
125 mm



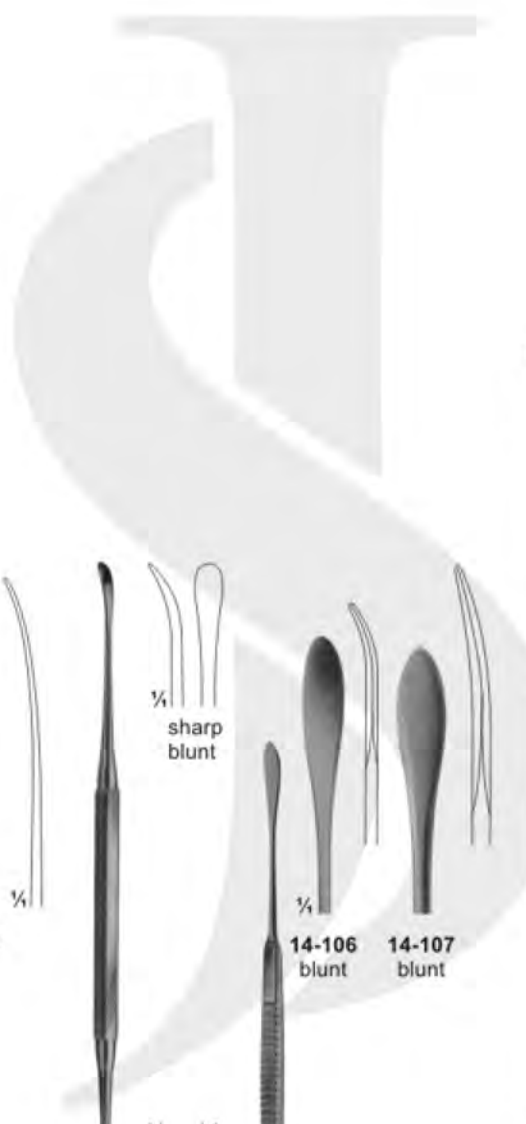
13-120
LABORDE
strong pattern
135 mm



13-121
Cleaning Brush
for tracheal tube
285 mm



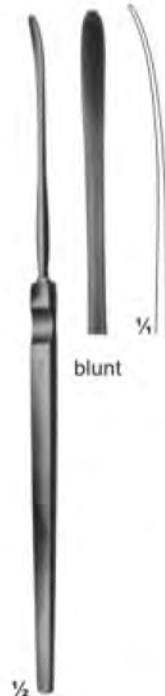
vascular spatulas



14-101
185 mm
14-102
215 mm



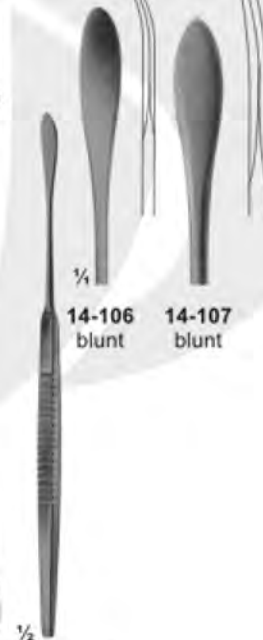
14-103
230 mm



14-104
HALLE
180 mm



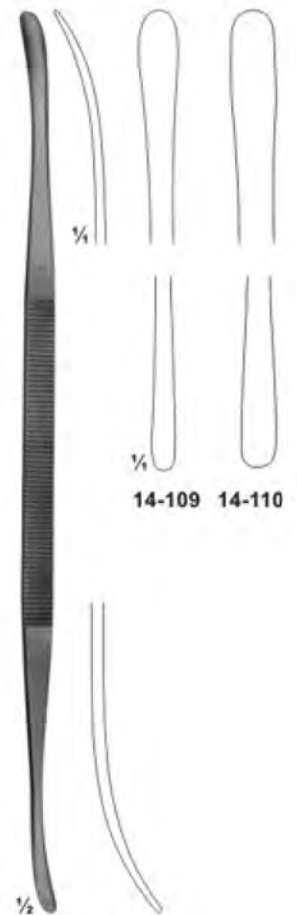
14-105
FREER
sharp/blunt
185 mm



14-106 - 107
SCHMID
140 mm
235 mm



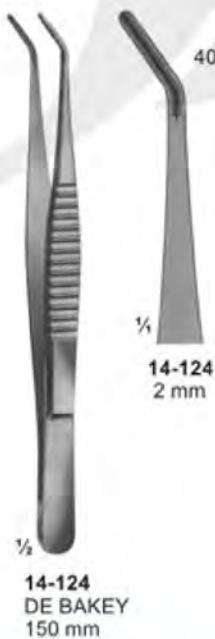
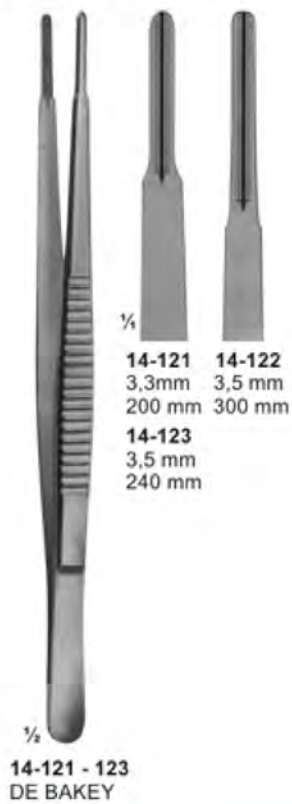
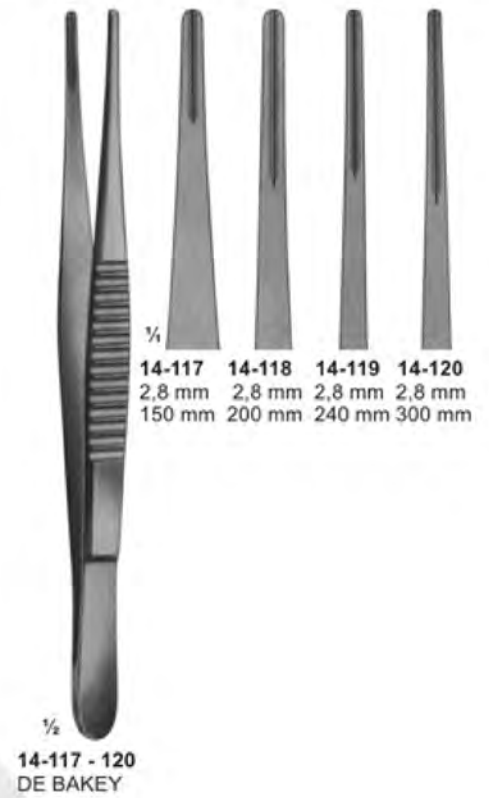
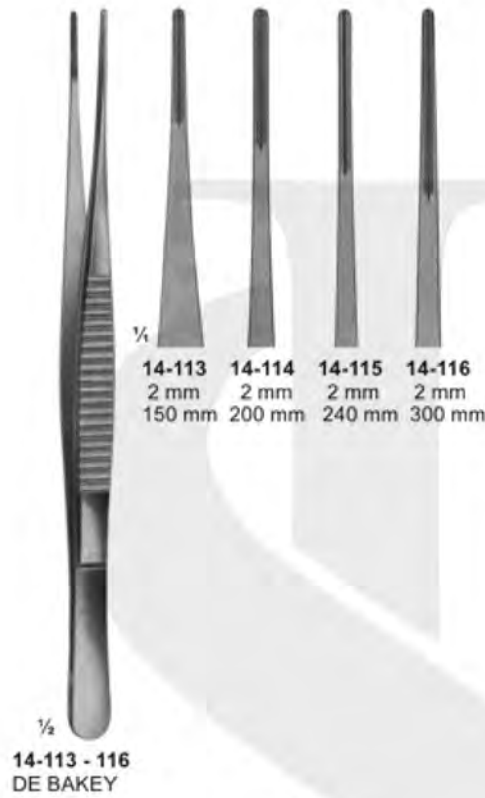
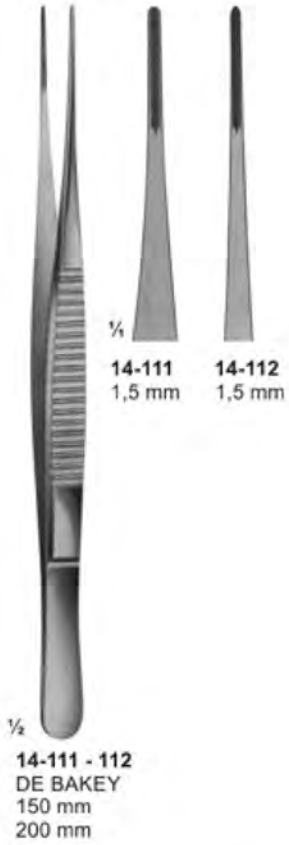
14-108
DAVIS
245 mm



14-109 - 110
TOENNIS
240 mm



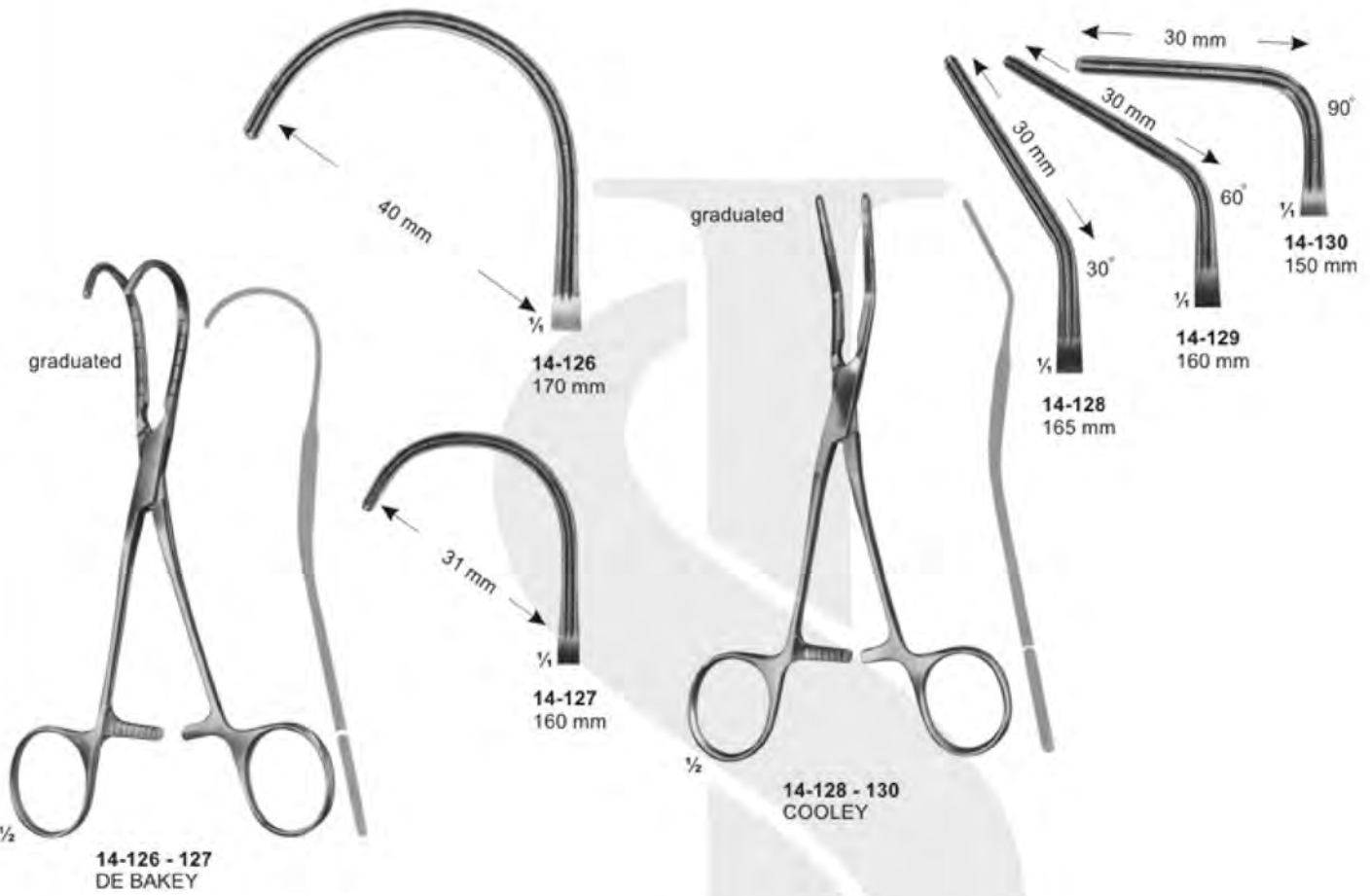
ATRAUMATA Forceps





ATRAUMATA

Anastomosis- and Multi- Purpose- Clamps- Pediatric types



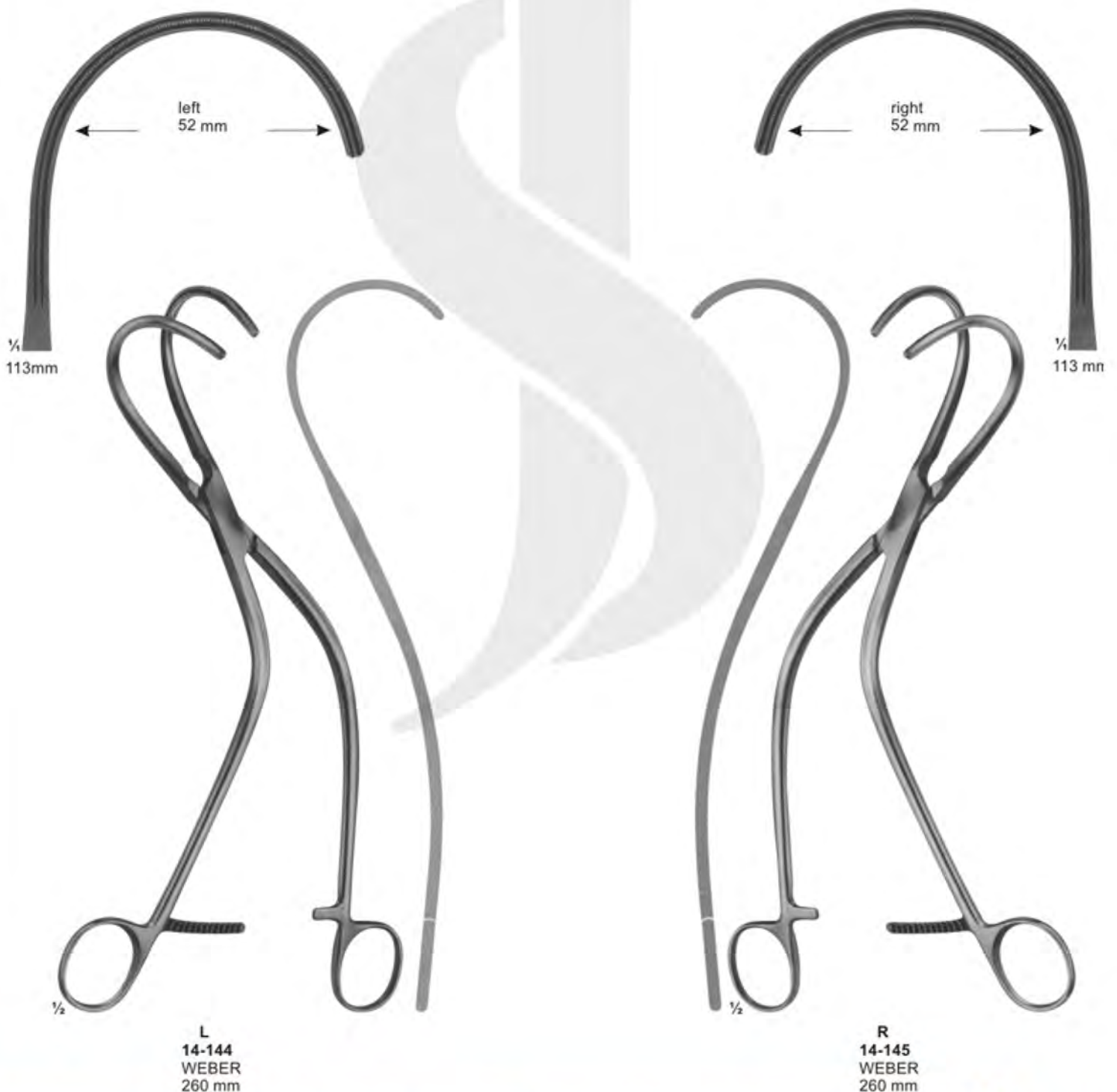


ATRAUMATA
Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamp





Aorta- Anastomosis Clamps

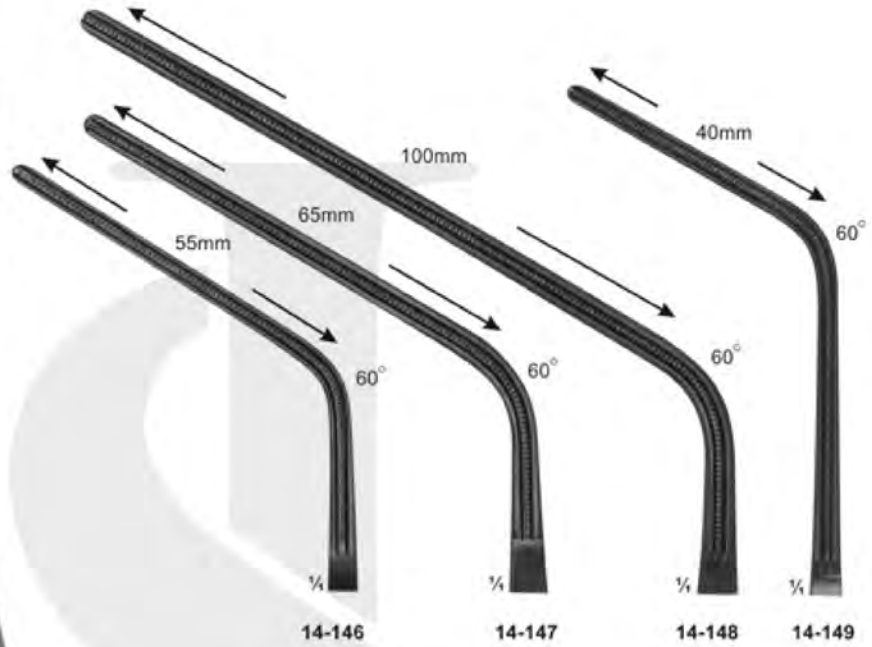




Multi- Purpose-Clamps



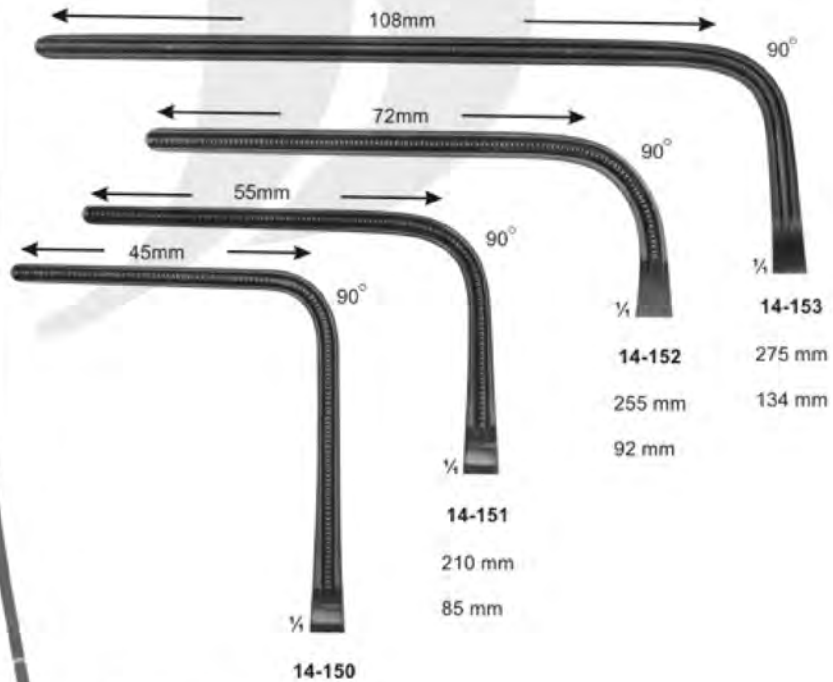
14-146 - 149
DE BAKHEY



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



14-150 - 153
DE BAKHEY



Total Length:	225 mm
Length of jaws:	93 mm



Sternum Instruments and Rib Shears



14-154
SCHUMACHER
Sternum shears
210 mm



14-155
LEBSCHÉ
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



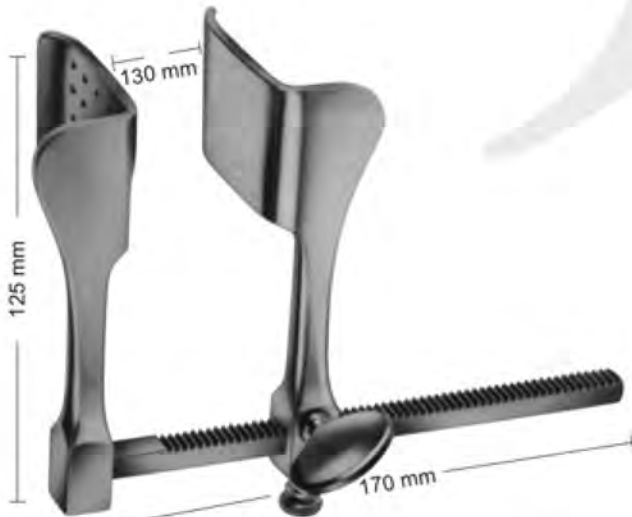
Rib Spreaders



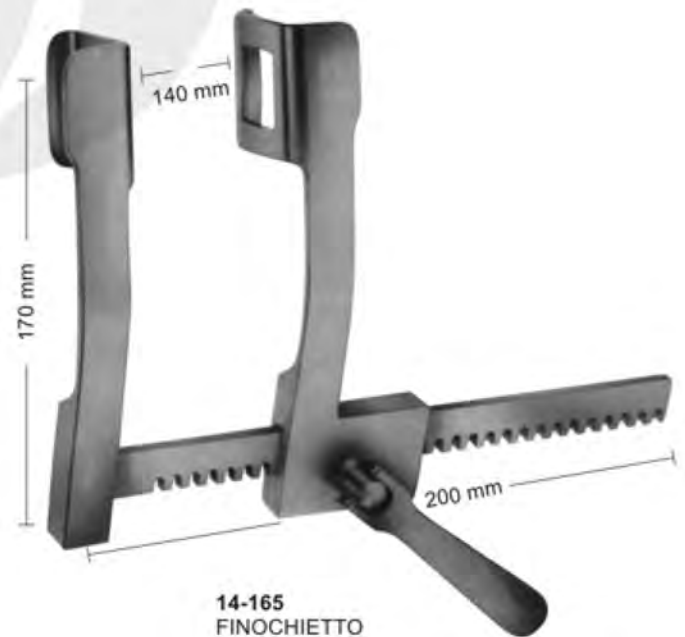
14-162
FINOCHIETTO
Blades
18X21 mm



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



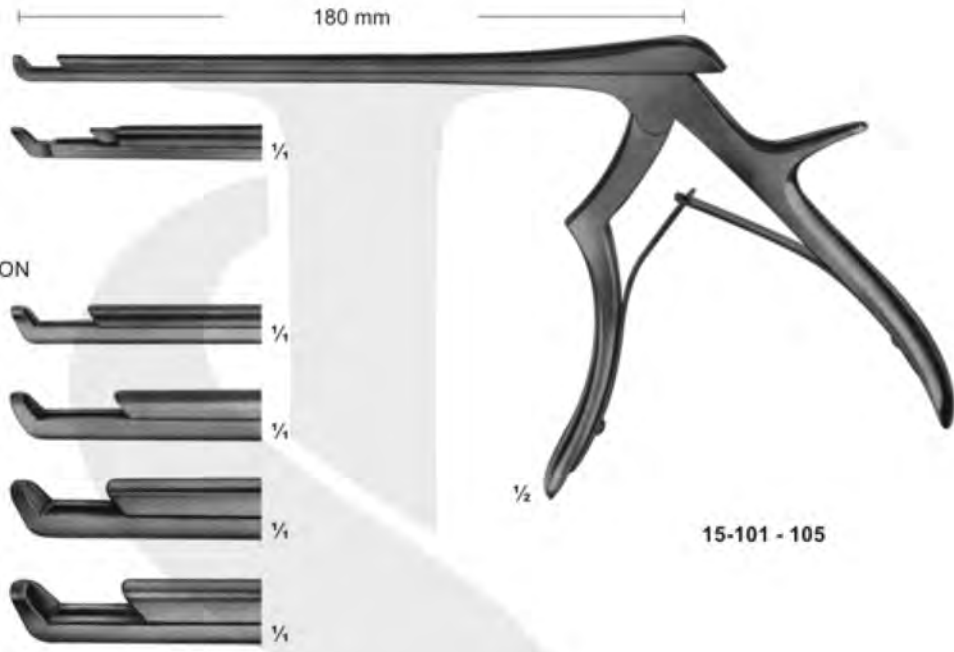
15-104

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



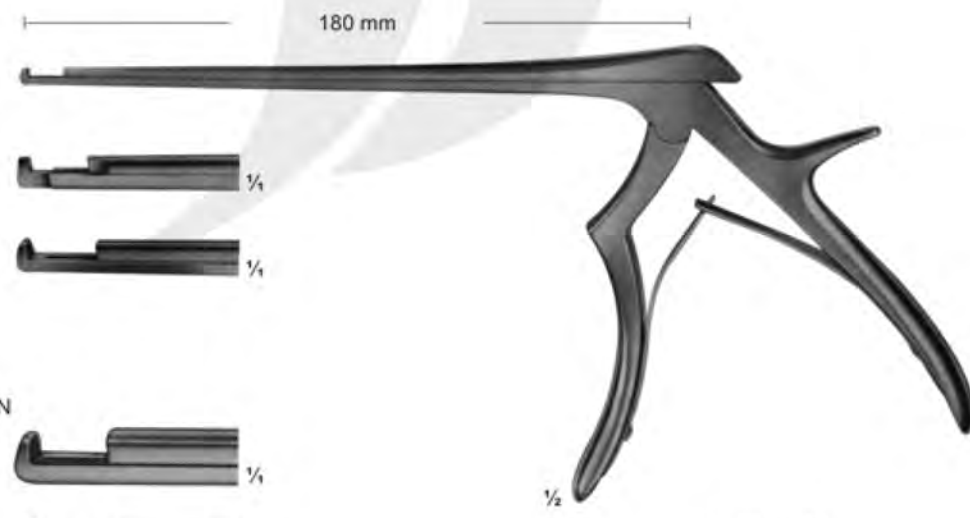
15-109

4 mm



15-110

5 mm



15-106 - 110



Punches

90° upwards cutting



15-111
4 mm



1/4

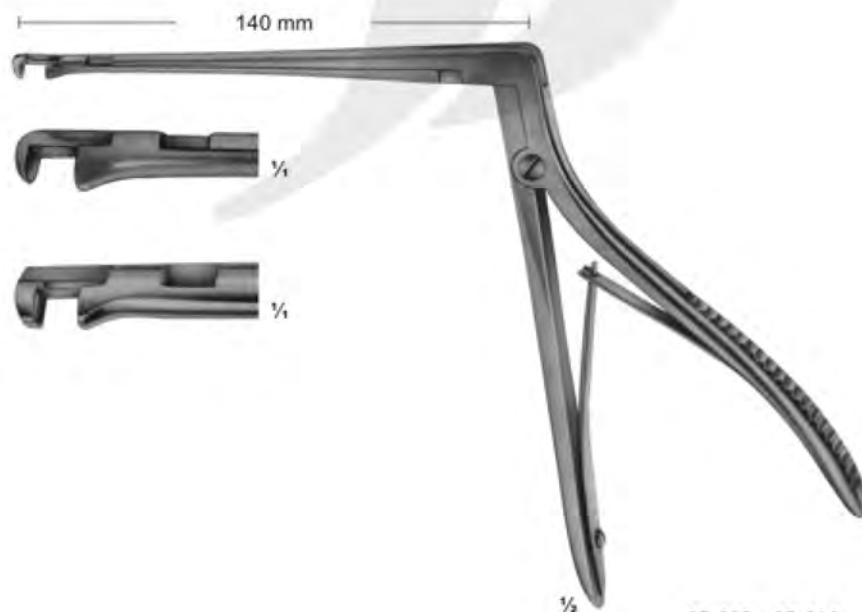
15-112
5 mm



1/4

15-111 - 15-112
KERRISON

90° upwards cutting



15-113
3,3 mm



3/4

15-114
4,0 mm



1/2

15-113 - 15-114
HAJEK-KOFLER



Rongeurs

130 mm

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

155 mm

15-118
2 mm

15-119
3 mm

15-120
4 mm

15-121
5 mm

15-118 - 15-121
CASPAR

150°

155 mm

15-122
2 mm

15-123
3 mm

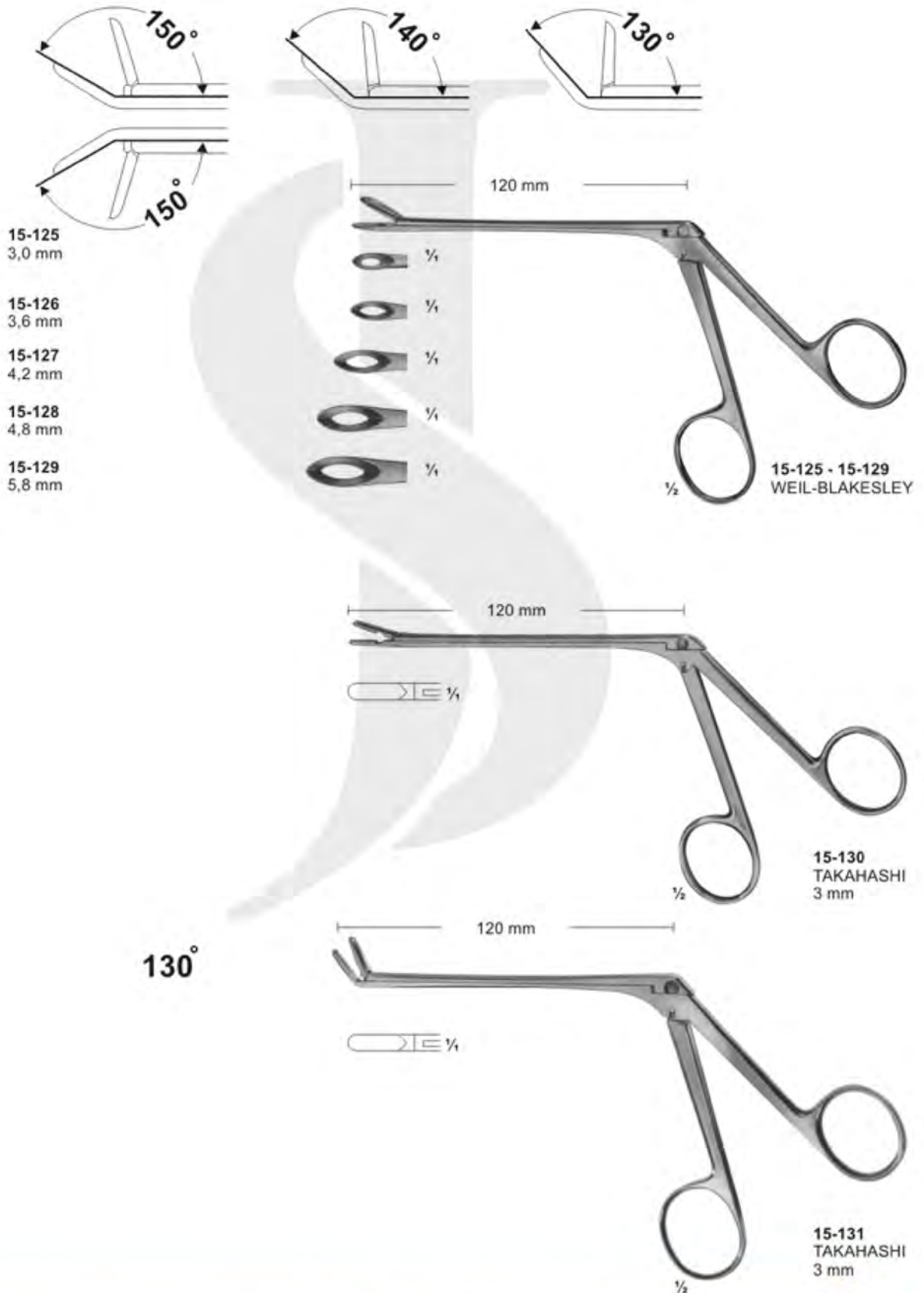
15-124
4 mm

15-122 - 15-124
CASPAR



Rongeurs

Angled positions for rongeurs





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°

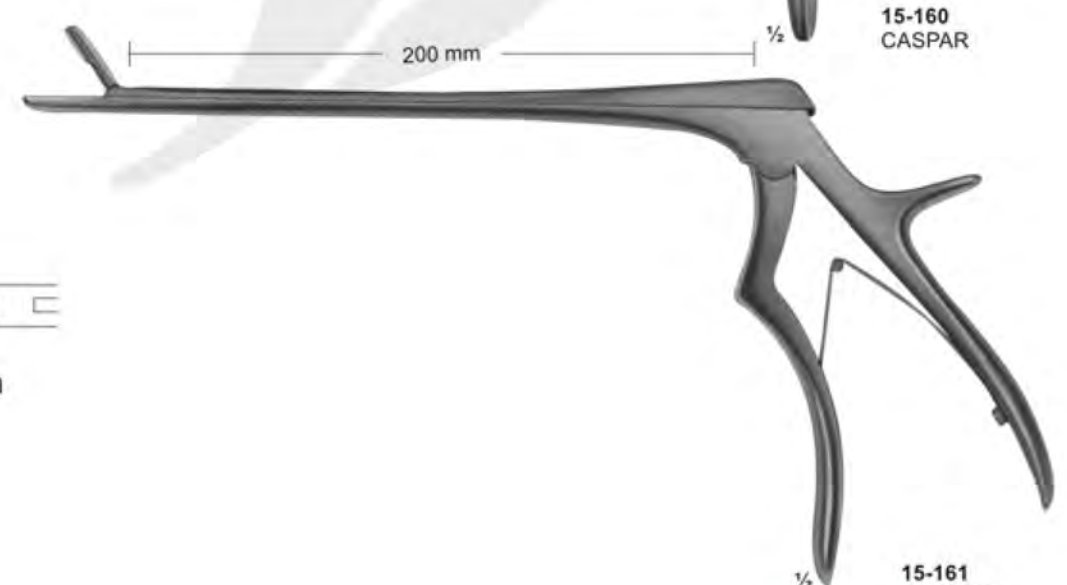
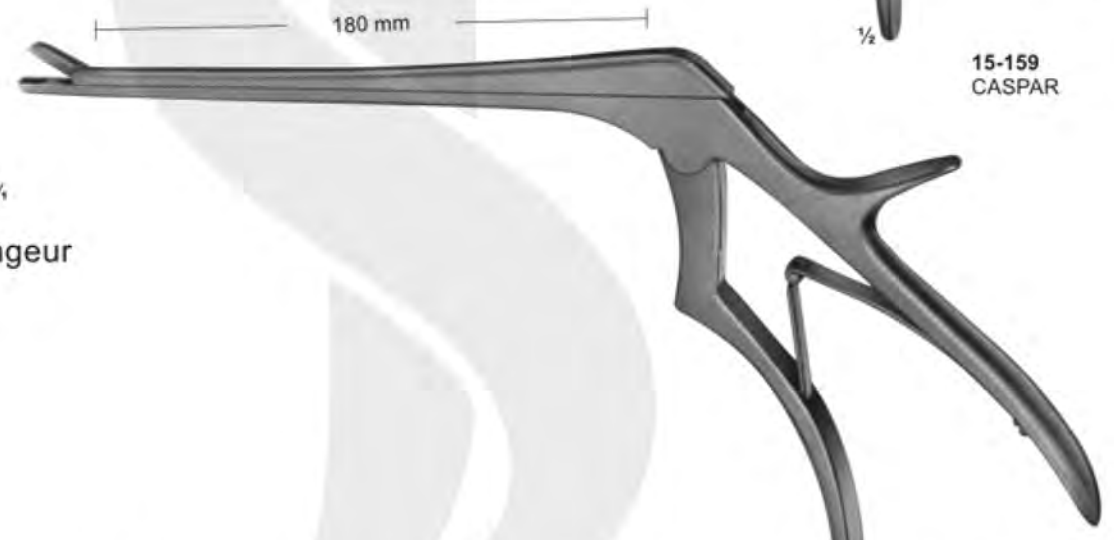
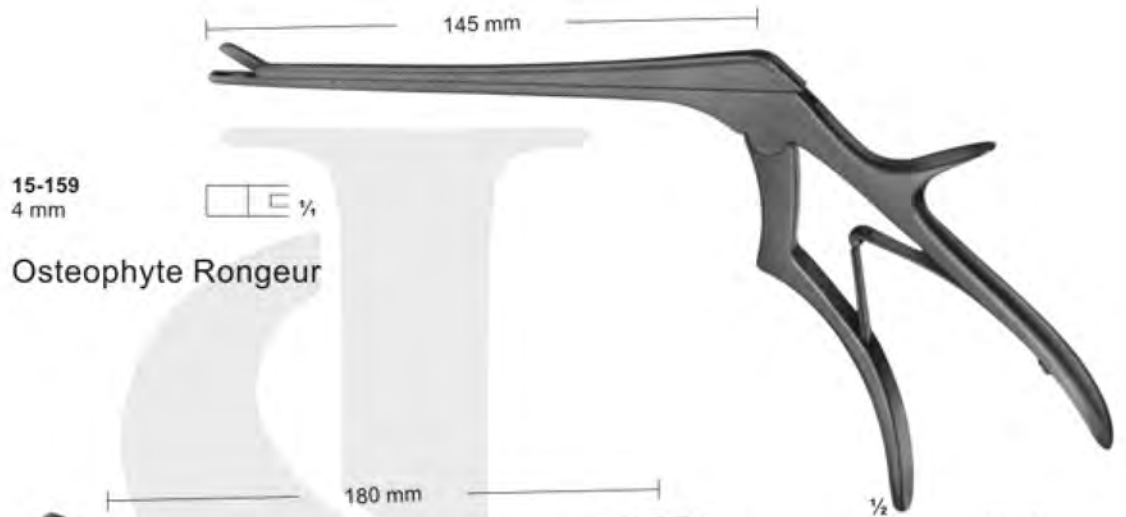
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
15-150	15-153	15-156	3 X12 mm
15-151	15-154	15-157	4 X14 mm
15-152	15-155	15-158	5 X14 mm



15-150 - 15-158
CASPAR

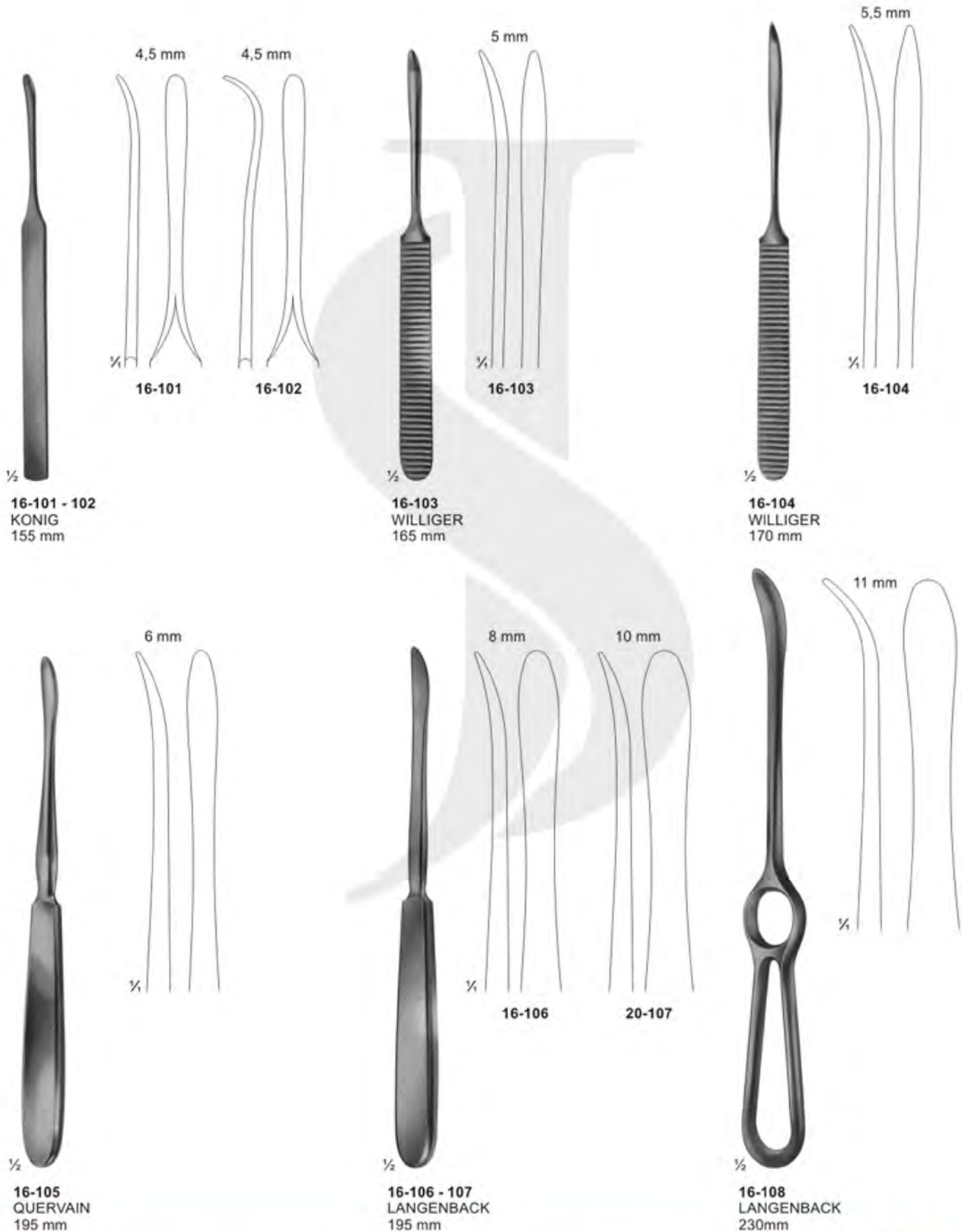


Rongeurs





Elevators and Bone Levers





Bone Levers





Raspatories



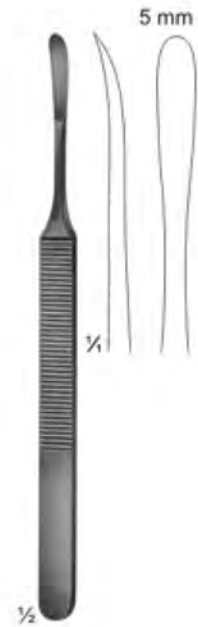
16-114
PARTSCH
150 mm



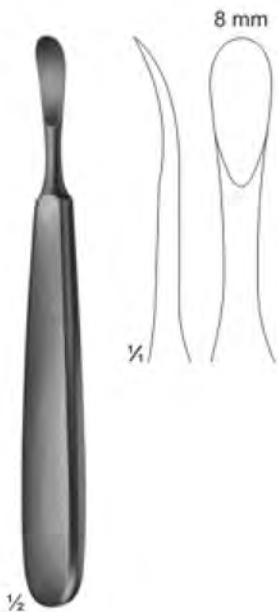
16-116
PARTSCH mod. LANGE
145 mm



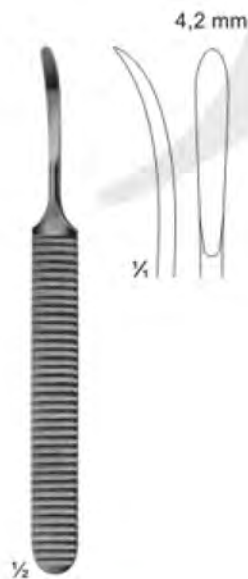
16-117
MC KENTY
155 mm



16-118
KOENIG
155 mm



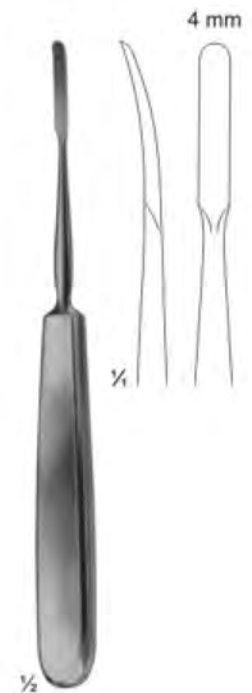
16-119
TRELAT
150 mm



16-120
WILLIGER
140 mm



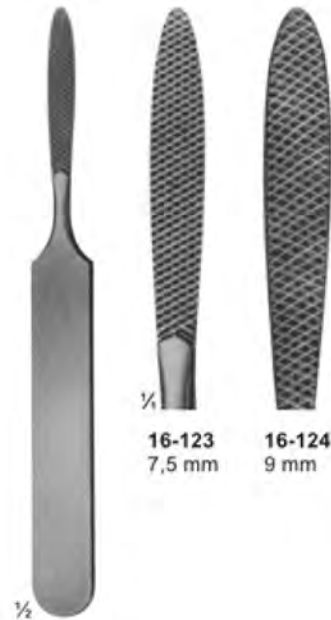
16-121
WILLIGER
160 mm



16-122
JOSEPH
170 mm



Bone File and Rasps



16-123
7,5 mm

16-124
9 mm

16-123
JOSEPH
fine, chequered

16-124
coarse, chequered
165 mm



16-125
8 mm
fine teeth

16-126
8 mm
coarse teeth
175 mm

16-125 - 16-126
LEWIS



16-127
MALTZ
down stroke
180 mm

16-128
9 mm



16-128
9 mm

16-129
9 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



∅ 20 mm

½

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



∅ 25 mm

½

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



∅ 30 mm

½

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



∅ 22 mm

½

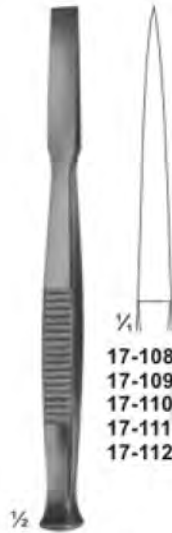
17-106
165 g
lead filled head
190 mm



Osteotomes, Chisels and Gouges



17-107
MANNERFELT
Gouge
155 mm



17-108 - 112
Osteotomes
140 mm

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



17-113 - 117
Chisels
140 mm

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



17-118 - 122
Gouges
140 mm

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



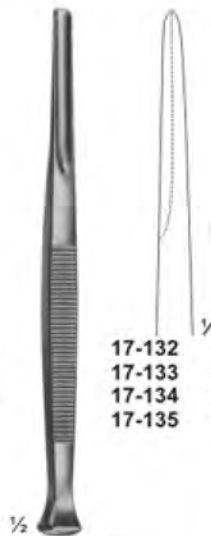
PARTSCH
17-123 - 126
Chisels
140 mm

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



PARTSCH
17-127 - 131
Chisels
170 mm

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



PARTSCH
17-132 - 135
Gouges
140 mm

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



PARTSCH
17-136 - 140
Gouges
170 mm

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



LUCAS
17-141 - 142
Chisels
160 mm

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



LUCAS
17-143 - 144
Gouges
160 mm

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



Reposition Forceps, Bone Holding Forceps



17-145
Patella forceps
185 mm



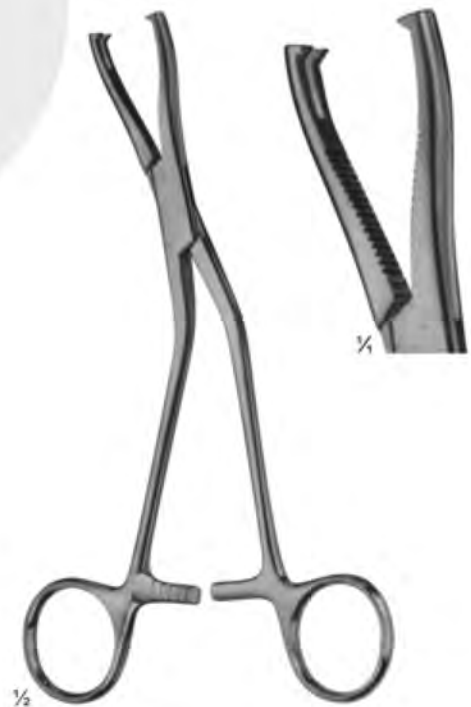
17-146
Forceps with
ratchet fixation
140 mm



17-147
Forceps with
thread fixation
170 mm



17-148
Forceps with
thread fixation
235 mm



17-149
DINGMANN
185 mm





Bone Holding Forceps & 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



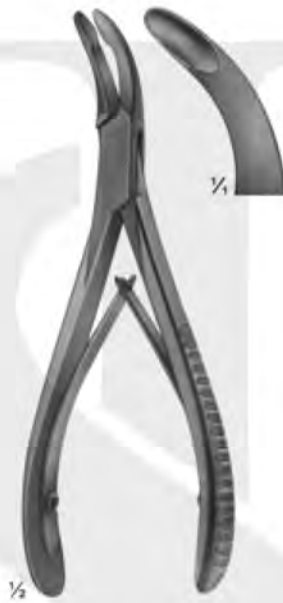
17-157
LOWMAN-HOGLUND
175 mm



Bone Rongeurs



17-158
LUER
150 mm



17-159
LUER
155 mm



17-160
BLUMENTHAL
155 mm



17-161
BLUMENTHAL
150 mm



17-162

17-163

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



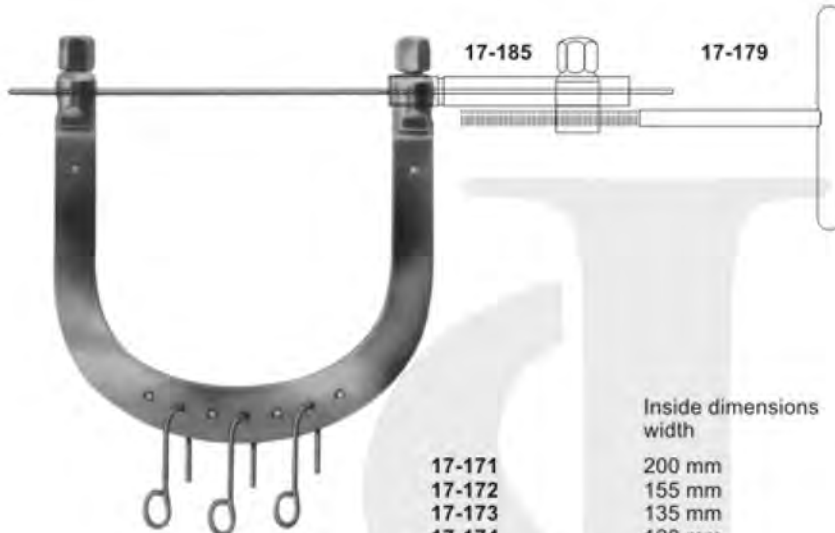
17-169
LISTON
straight
280 mm



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



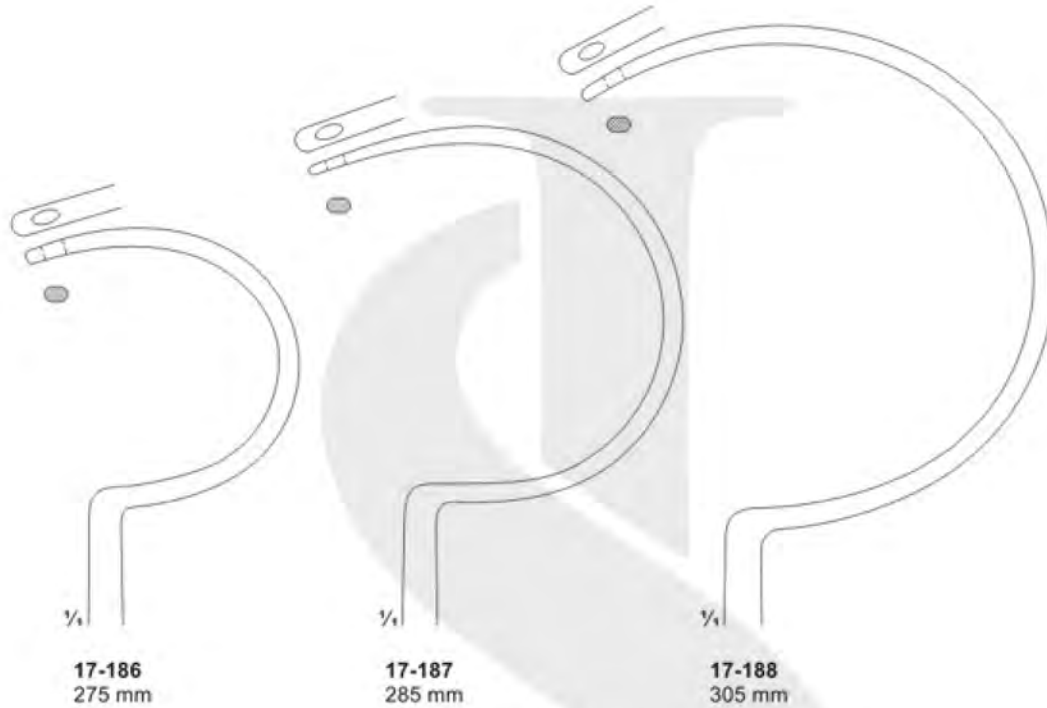
17-181
Traction hook only,
small size



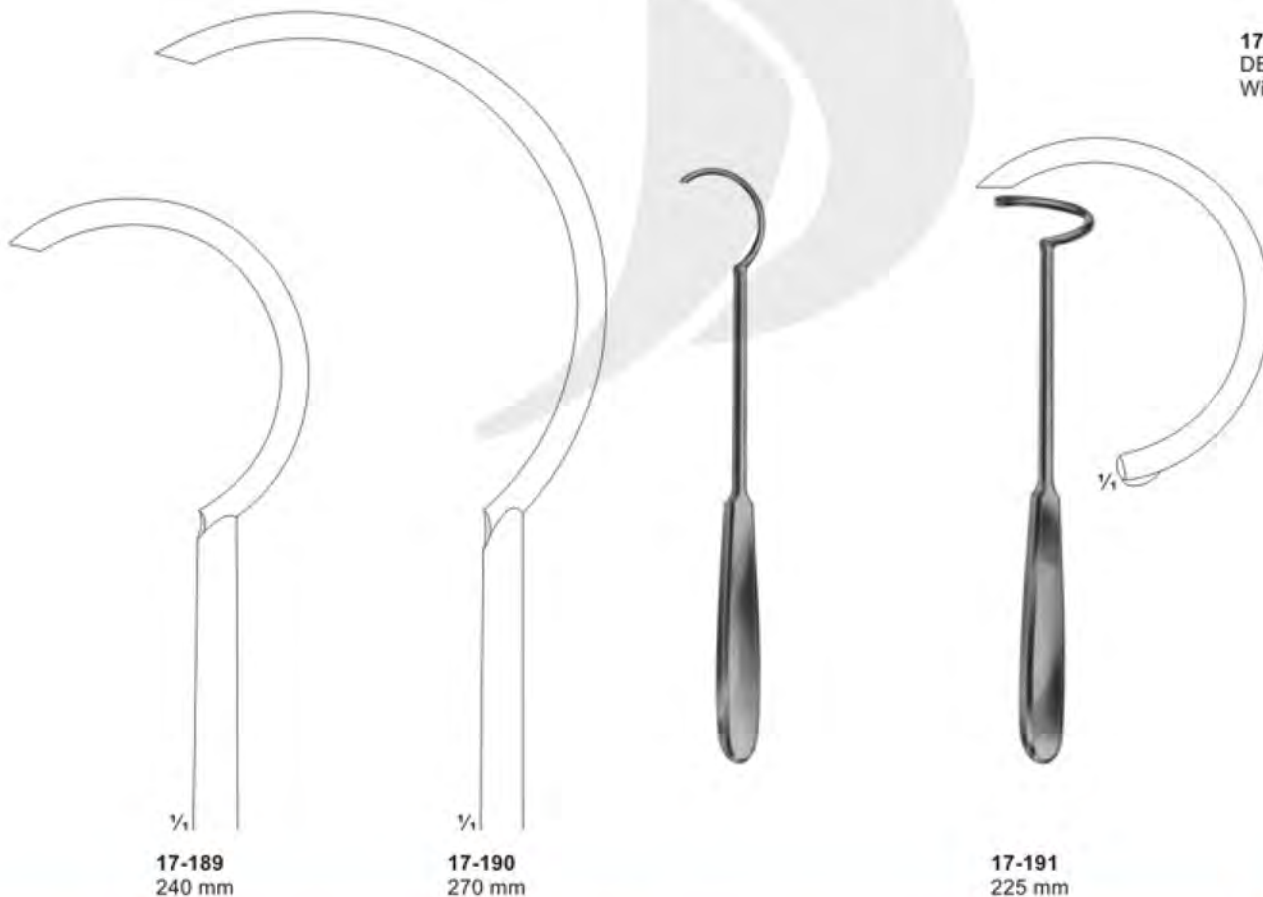
17-185
Fixation clamp, to secure clamping
jaws of **17-179** stainless steel



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



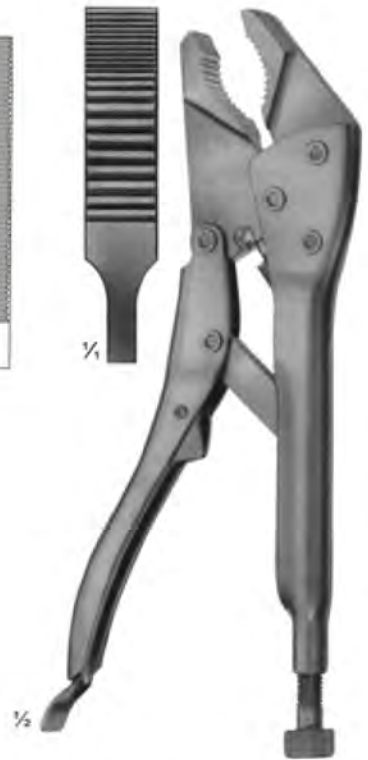
**Wire Holding forceps, Flat-nosed Pliers,
Pliers for bending and cutting wires**



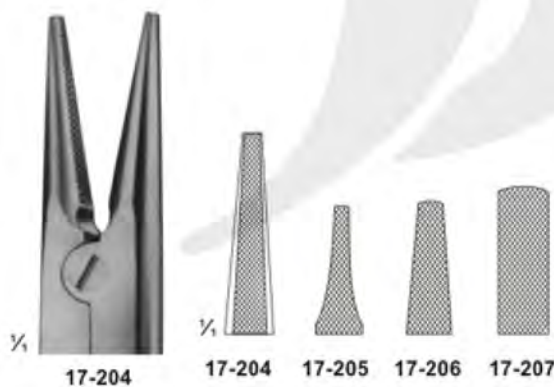
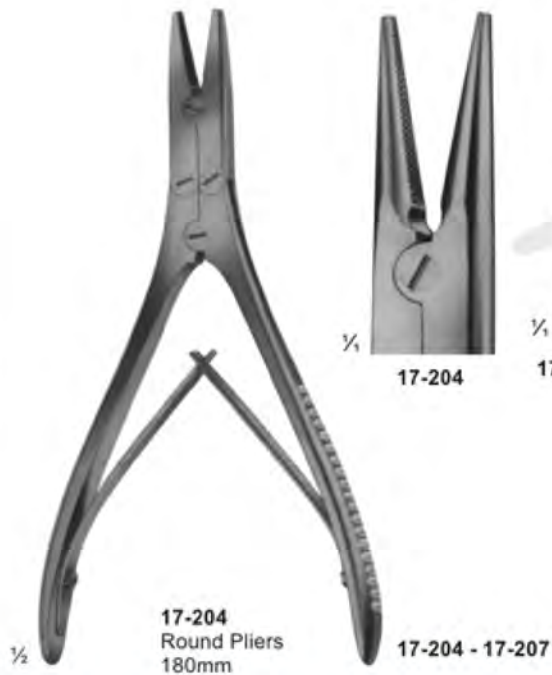
17-200 - 17-201
Extraction pliers
for boring wires



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**



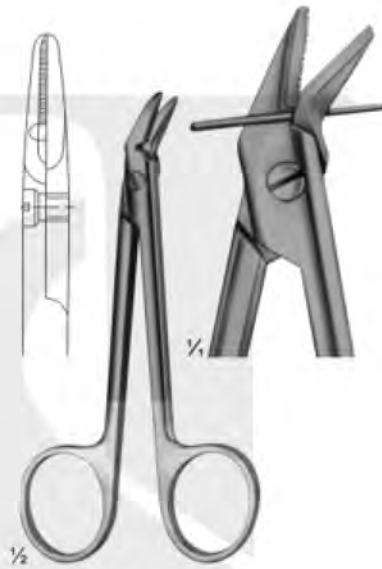
17-209
ANGLE
130 mm

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

0,5 mm
0,3 mm

17-210
DUROTIP
ANGLE
130 mm

0,6 mm
0,4 mm



17-211
120 mm

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 1,5 mm
up to diam
specially hardened
cutting edges, front
and lateral cutting
action



17-218
REILL
175 mm

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



DUROTIP

17-219
235 mm

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



Wire Cutting Pliers, Lateral and Front Cutting Action



specially hardened cutting edges

240 mm

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



145 mm

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



145 mm

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



Durotip

220 mm

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



Wire Cutting Pliers



17-224
320 mm

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



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

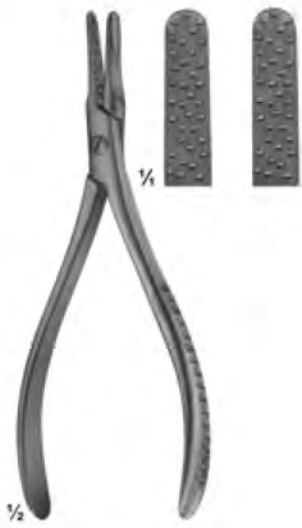


DUROTIP

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



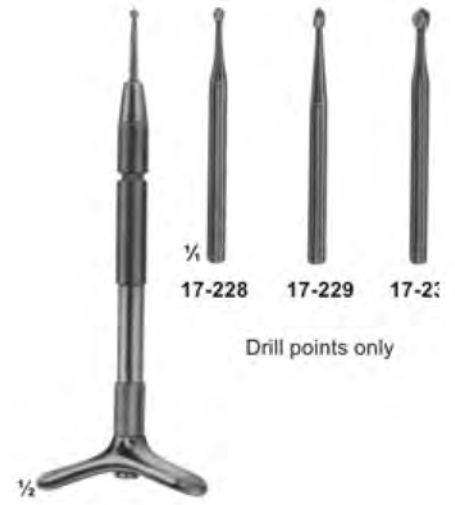
Finger Nail Instruments



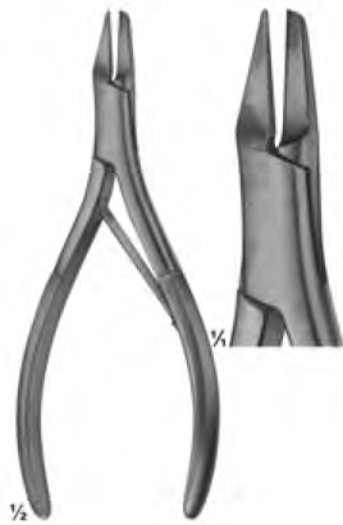
17-226
Nail extracting
forceps
135 mm



17-227
Nail extracting
forceps
145 mm



17-228
Finger nail drill
with 3 drill points



17-231
Nail splitting
forceps
135 mm



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



17-233
Finger ring saw
150 mm



Plaster Shears



17-235
STILLE-AESCULAP
260 mm



17-236
STILLE-AESCULAP
360 mm



Plaster Spreader, Plaster Breakers



17-237
HENING
270 mm



17-238
MOD.USA
230 mm



17-239
290 mm



with removable jaws



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



Vacuum Currettes for Aspiration Lipectomy, Suction Instruments



18-101 - 18-106
BIEMER
18-101 \varnothing 4 mm
18-102 \varnothing 6 mm
18-103 \varnothing 8 mm
18-104 \varnothing 10 mm
18-105 \varnothing 12 mm
18-106 \varnothing 14 mm

Currettes for aspiration lipectomy, graduated, slightly curved

18-107 - 18-108
BIEMER
18-107 \varnothing 4 mm
18-108 \varnothing 6 mm
Currettes for aspiration lipectomy, with three apertures, slightly curved malleable

18-109 - 18-111
BIEMER
18-109 \varnothing 8 mm
18-110 \varnothing 10 mm
18-111 \varnothing 12 mm
Currettes for aspiration lipectomy, with three apertures, slightly curved malleable

18-112
For aspirating fluid from the excretory ducts of large glands and for keeping the operating area clear 170 mm

18-113
Trocar
For puncturing 150 mm

18-114
For clearing large quantities of fluid 190 mm



Suction Instruments

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



olive
Ø9 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. Ø9 mm



18-117
Trocar
For puncturing
170 mm



18-118
Hollow needle,
sharp
150 mm



18-119
double curved
For general
surgery
230 mm



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



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

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



Suction Instruments

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

$\varnothing 1,75$ mm

$\varnothing 3$ mm

olive $\varnothing 8$ mm

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

olive $\varnothing 8$ mm

Usable length

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

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

18-142 - 18-144
LANDOLT
150 MM
diam $\varnothing 3$ mm

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

$\varnothing 3.5$ mm

$\varnothing 2.0$ mm

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

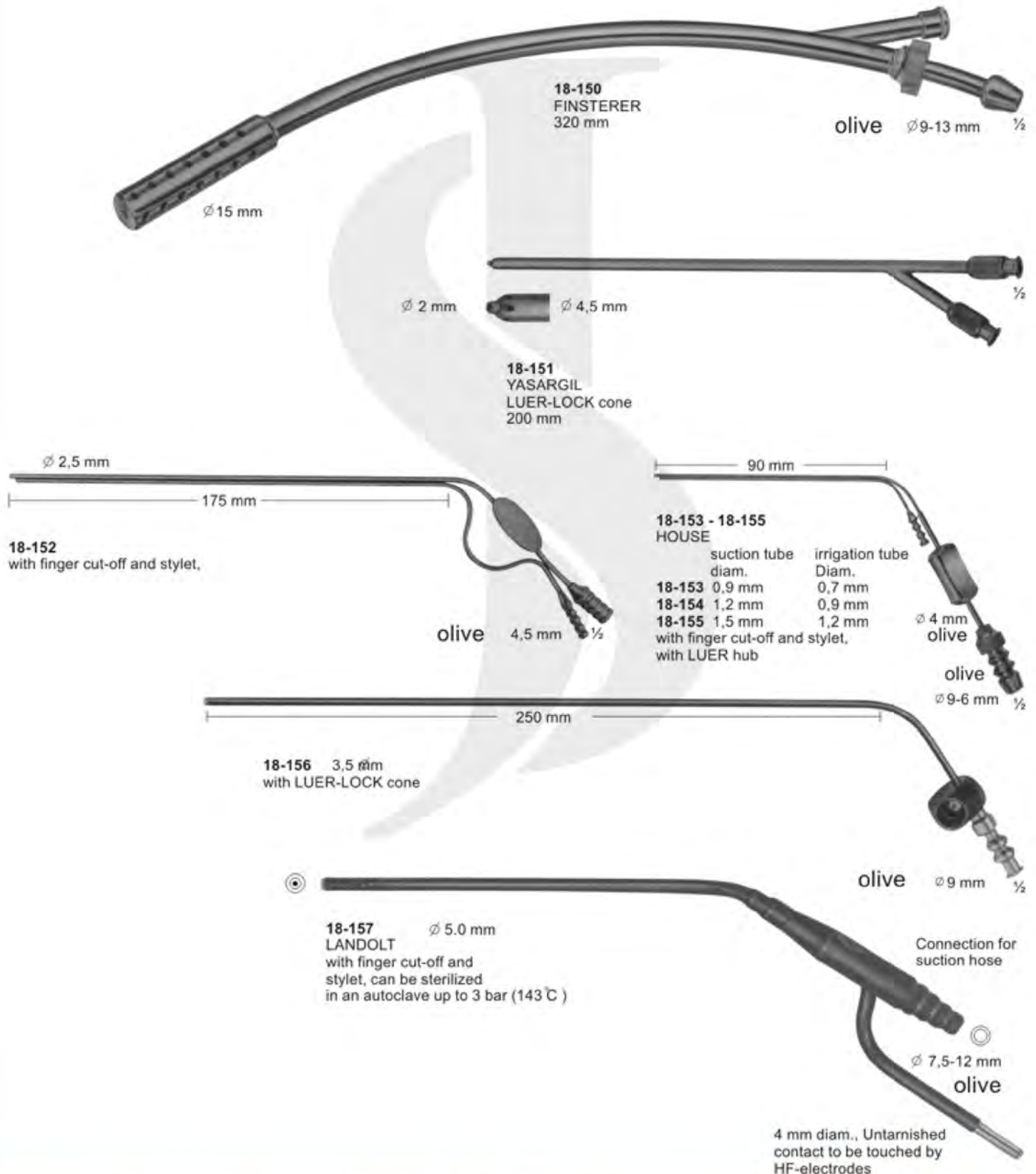
olive $\varnothing 9$ mm

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

olive $\varnothing 6-9$ mm

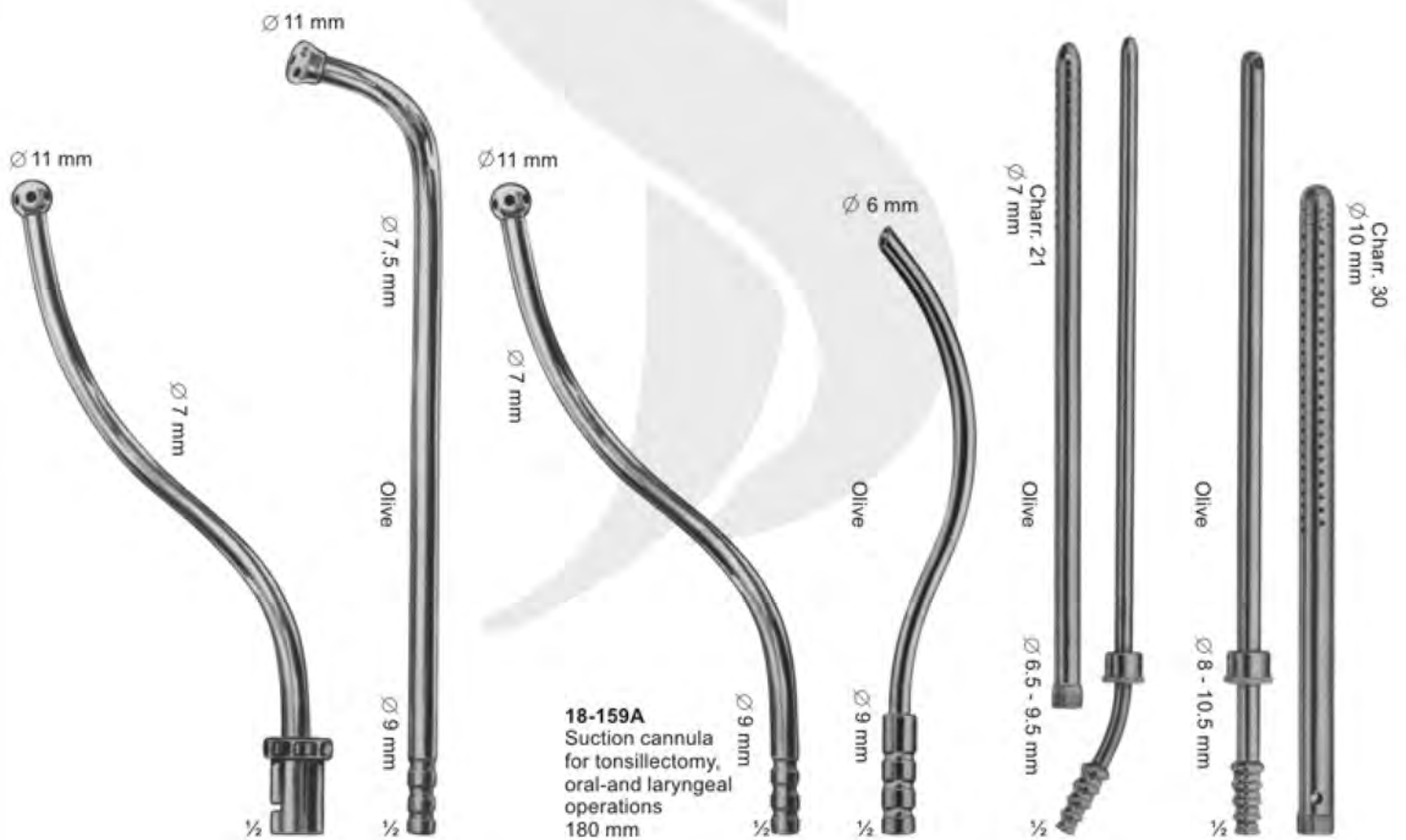


Combined Suction and Irrigation Cannulae, Coagulation Suction Cannulae





Suction Instruments



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

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

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

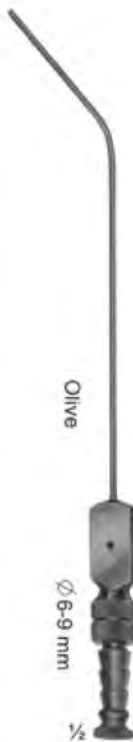
18-160
S-shaped blunt cannula
for aspirating fluid from
the excretory ducts of
large glands and for
keeping the operating
area clear
170 mm

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

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



Suction Instruments



Olive

Ø 6-9 mm

- 18-163 Ø 1,5 mm
- 18-164 Ø 2,0 mm
- 18-165 Ø 2,5 mm
- 18-166 Ø 3,0 mm

18-163 - 18-166
PLESTER
with finger cut-off and stylet, thumb piece parallel to curve, with LUER hub
195 mm



Olive

Ø 6-9 mm

- 18-167 Ø 2,0 mm
- 18-168 Ø 2,5 mm
- 18-169 Ø 3,0 mm
- 18-170 Ø 4,0 mm
- 18-171 Ø 5,0 mm

18-167 - 18-171
FERGUSSON
with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub
180 mm



Olive

Ø 6-9 mm

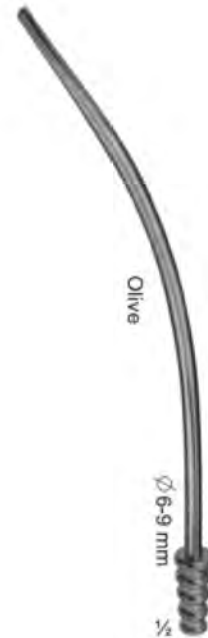
18-172 Ø 4,0 mm
FERGUSSON
with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub
180 mm



Olive

Ø 6-9 mm

18-173 Ø 3,0 mm
18-174 Ø 5,0 mm
FRAZIER
insulated, with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub
180 mm



Olive

Ø 6-9 mm

18-175
5,0 mm diam., Tip 6,5 mm wide, Nasal suction tube, with LUER hub
180 mm



1/2

18-176 Ø 4,5 mm
18-177 Ø 5,5 mm
Nasal suction tubes
175 mm



1/2

18-178
GORNEY
Suction dissector
180 mm



Olive

Ø 6-10 mm

1/2

18-179 4 mm wide
18-180 5 mm wide
Suction raspatories, sharp, bayonet-shaped, with stylet
200 mm



Olive

Ø 9 mm

1/2

18-181
LOPEZ-REINKE
Tonsil dissector with suction device
235 mm



Dissection Instruments



18-182

- 1- Blow pipe .
- 2- 3 PCS .scalpel.
- 3- Dissecting forcep 13 cm.
- 4- Grooved director with tongue 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- Dissecting 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 Thump 14 cm.
- 5- Operating Scissor S/B str 14 cm
- 6- Kelly Forcep STR 14 cm.
- 7- Probe Double end



18-190

- 1- Iris Scissor STR
- 2- Dissecting Forceps CVD 12 cm.
- 3- 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.



Hospital Wares



19-101 - 115
Schimmelbusch

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



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



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



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



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



19-122
Ø 65mm x 15mm



Hospital Wares



19-123 - 131

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



19-141 - 142

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



19-132 - 139

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



19-140
205 x 105 x 35 mm



Round Metal Boxes and Medicine Cups



19-143 - 148

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



19-149
25 cc



19-150
50 cc



19-151
20 cc
Medicine Spoon



19-152
Ø 75 x 12 mm
Tablet Tray



19-153
Ø 90 x 90 mm
Metal Cup



19-154
Ø 75 x 80 mm
Sputum Cup



Kidney Dish



19-155 - 157

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



Hospital Wares



19-158 - 165

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



19-166 - 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
∅ 50 x 100 mm
Powder Pot



19-180
∅ 50 x 75 mm
Methot With Lid



19-181
∅ 50 x 75 mm
Methot Without Lid



19-182



19-183



19-184



19-185 - 186

19-185 ∅ 235 mm
19-186 ∅ 310 mm



Needle Cases



19-187
Sauerbruch
210 x 125 x 17 mm



19-188
Sauerbruch
210 x 125 x 17 mm



19-189
150 x 95 x 13 mm



19-190
150 x 95 x 13 mm



19-191
150 x 95 x 13 mm



19-192
150 x 95 x 13 mm



19-193
150 x 95 x 13 mm



19-194
150 x 95 x 13 mm



19-195
150 x 95 x 11 mm



Storing Cases



19-199 - 209

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



19-196
Deponette
245 x 135 x 35mm



19-197
Deponette
245 x 135 x 50mm



19-198
Deponette
245 x 135 x 60mm



Sterilizing Baskets / Trays



19-210 - 212

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



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



19-213 - 218

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





Scissors with Tungsten Carbide Inserts



26-101
Standard

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



26-102
Standard

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



26-103
Standard

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



26-104
Standard

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



26-105
Standard

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

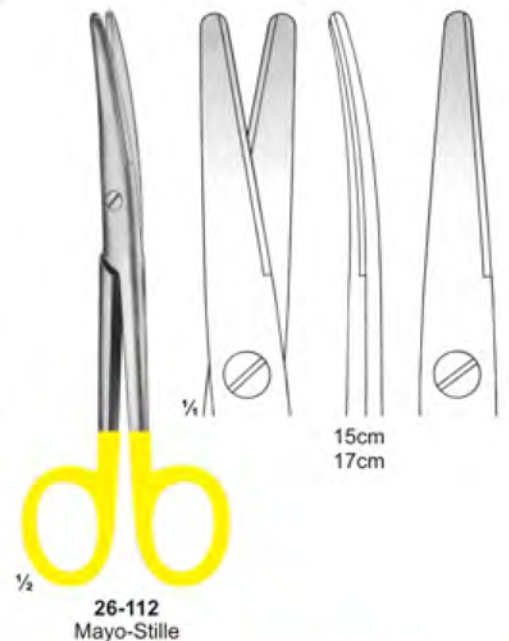
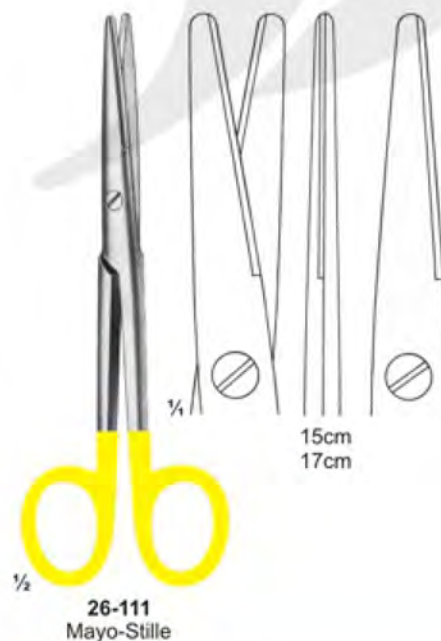
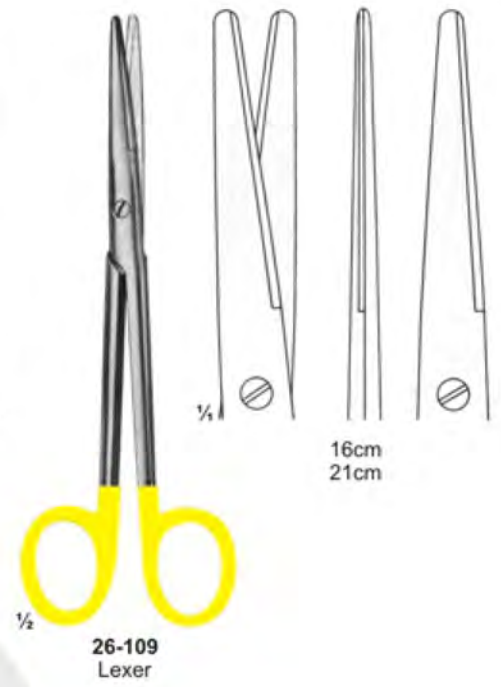
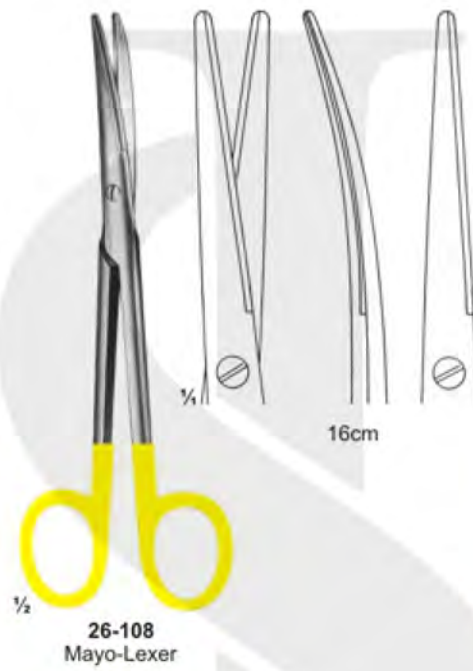
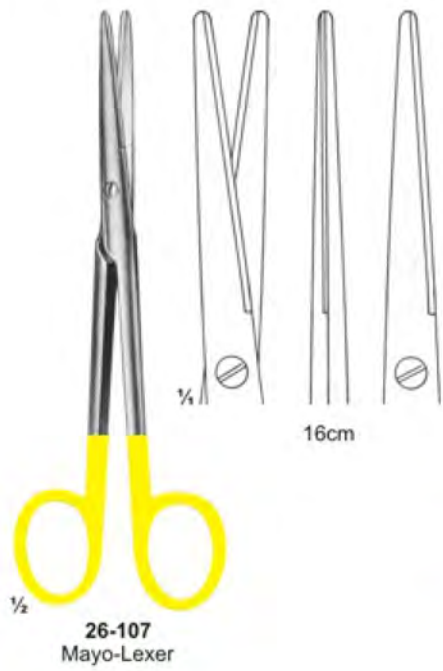


26-106
Standard

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



Scissors with Tungsten Carbide Inserts





Scissors with Tungsten Carbide Inserts



26-113
Metzenbaum



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



26-114
Metzenbaum



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



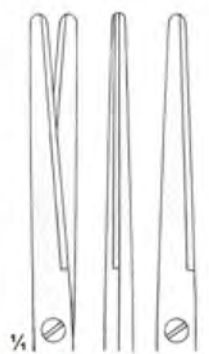
26-115
Metzenbaum



18cm	20cm
28cm	30cm



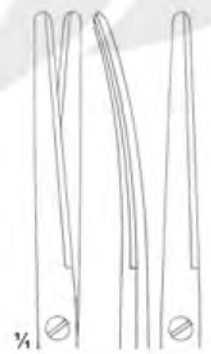
26-116
Metzenbaum-Fino



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



26-117
Metzenbaum-Fino



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



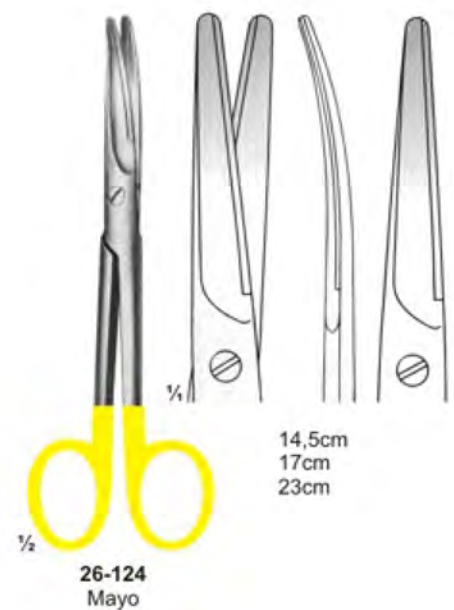
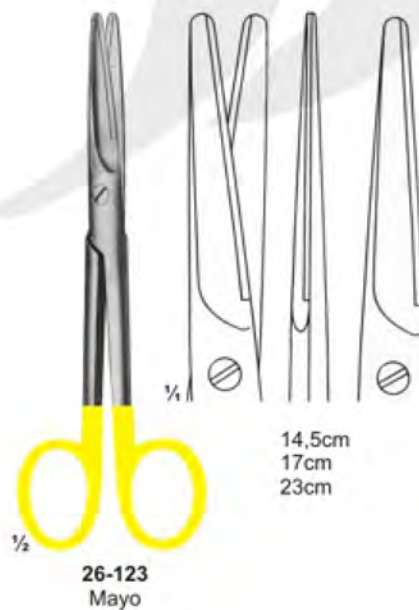
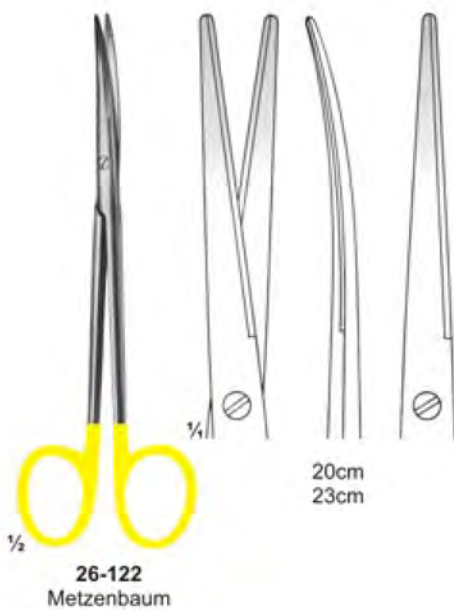
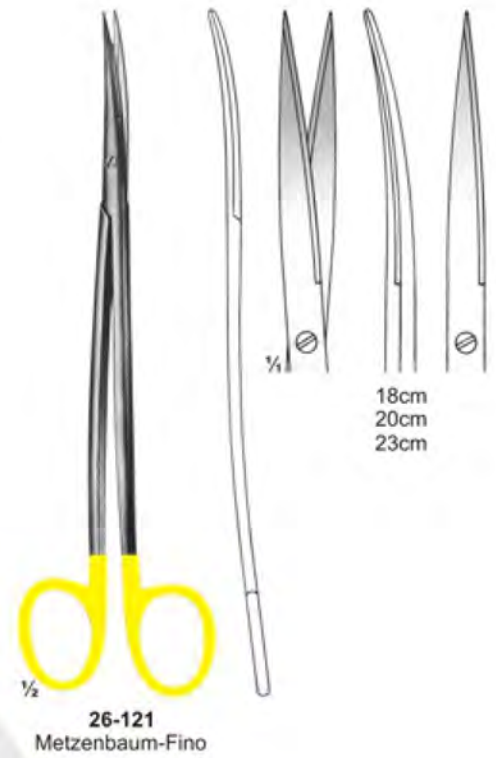
26-118
Metzenbaum-Fino



14cm	18cm
20cm	23cm

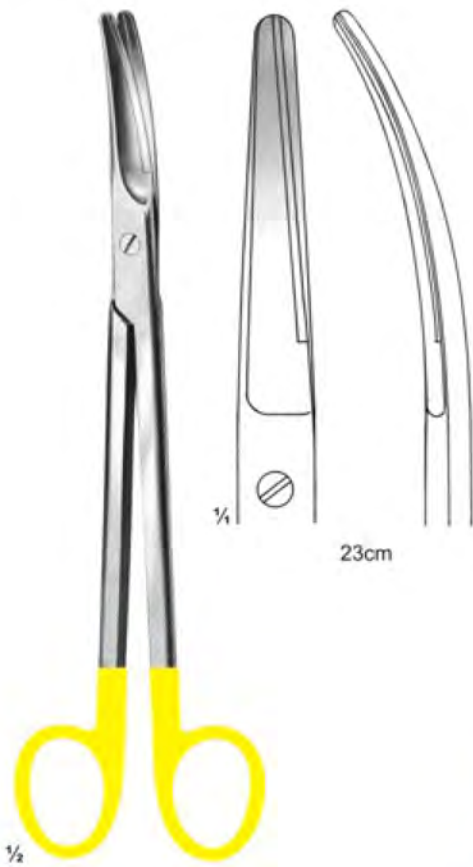


Scissors with Tungsten Carbide Inserts

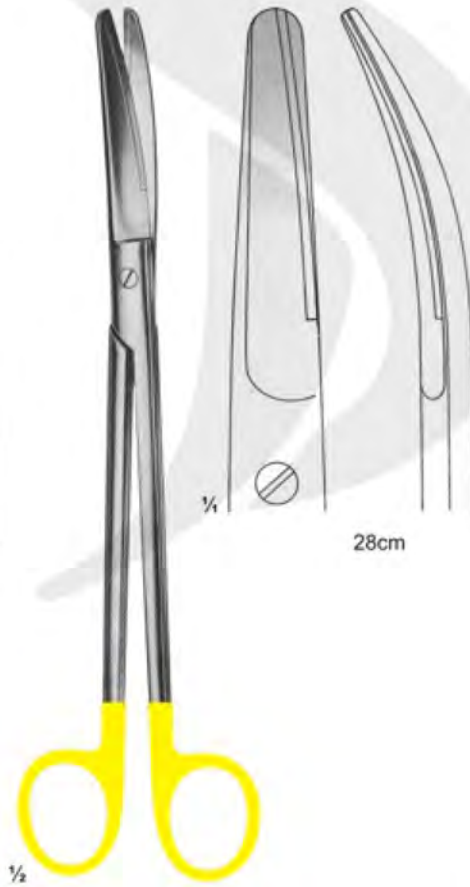




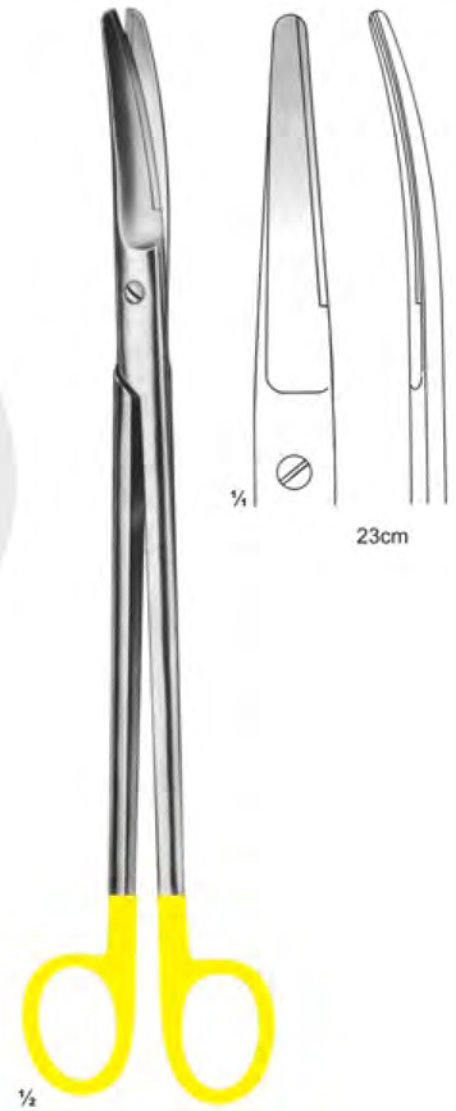
Scissors with Tungsten Carbide Inserts



26-125
Parametrium



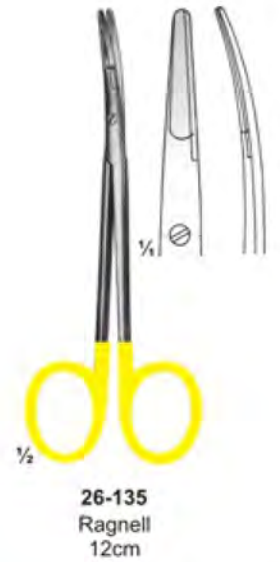
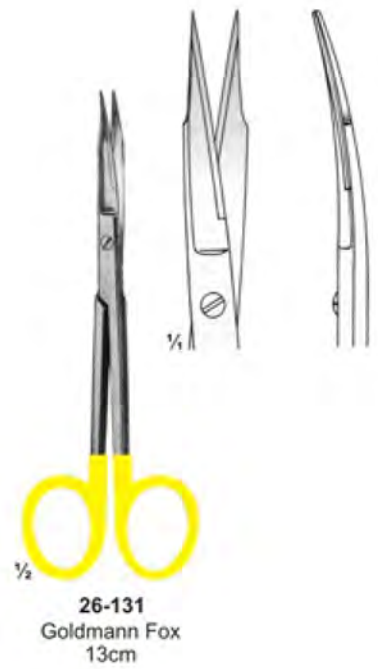
26-126
Mayo-Harrington



26-127
Sims

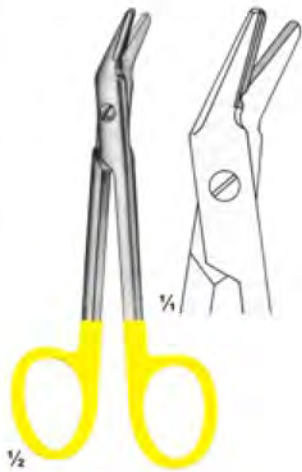


Scissors with Tungsten Carbide Inserts





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



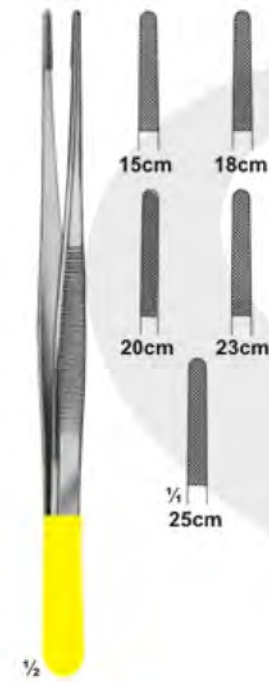
26-143
Semken
15cm



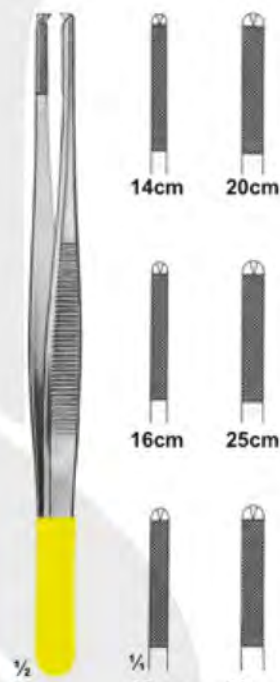
Dissecting Forceps and Needle holders with



26-144
Wangensteen



26-145
Potts-Smith



26-146
Oehler



26-147
Potts-Smith
22cm



26-148
Hepp-Scheidle
18cm



26-149
Castroviejo
14cm



26-150
Castroviejo
14cm



26-151
Arruga
16cm



Needle holders with Tungsten Carbide Inserts



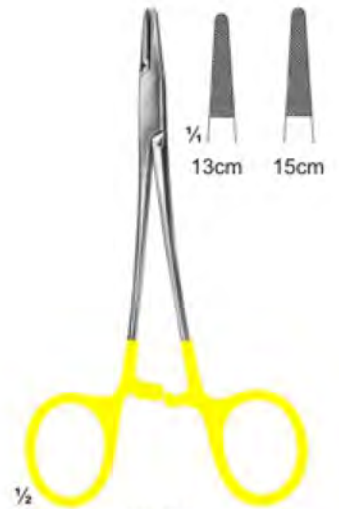
26-152
Arruga
16cm



26-153
Castroviejo
13cm



26-154
Hegar
20cm 24cm



26-155
Halsey
13cm 15cm



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



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



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



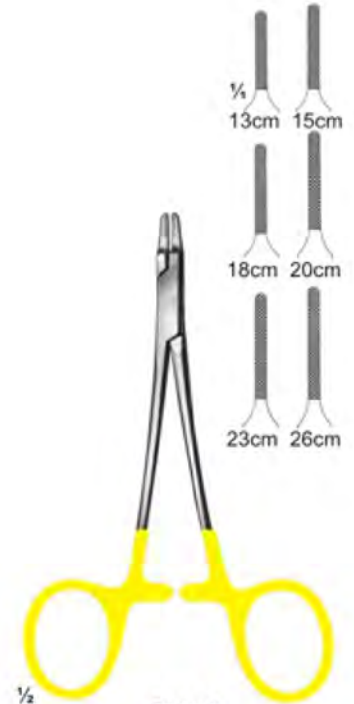
Needle holders with Tungsten Carbide Inserts



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



26-160
Stratte
22cm 23cm



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



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



26-163
Martin
15cm 17cm 20cm



26-164
Sarot
18cm 20cm 26cm



Needle holders with Tungsten Carbide Inserts





Needle holders with Tungsten Carbide Inserts



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



1/2
26-173
Lichtenberg
20cm



1/2
26-174
Langhals
20cm 25cm



1/2
26-175
Lichtenberg
20cm 25cm



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



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



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



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



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 CLAU
22 cm



26-183
Plier
17.5 cm



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