

SURGICAL INSTRUMENTS CATALOGUE



AHD International
Quality Is, What we do Best



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Percussion Hammers and Aesthesiometers



01-101
TROEMNER
Size: 245 mm



01-102
DEJERINE
Size: 200 mm



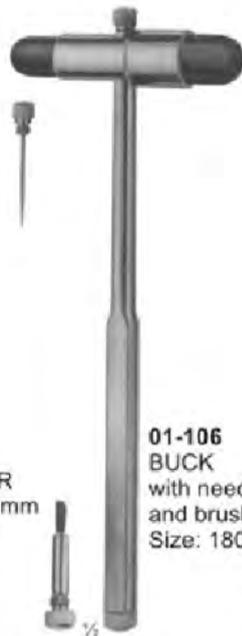
01-103
DEJERINE
with needle
Size: 210 mm



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

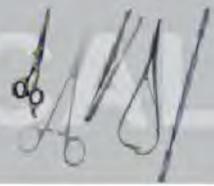


01-108
ALY
Size: 190 mm



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

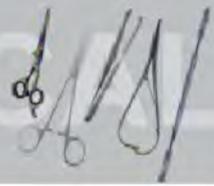


01-114
FORD-BOWLES
Dual chest piece
with two outlets



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



01-120
MURPHY
head band of celluloid, white

01-119
ZIEGLER
head band of plastic white



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

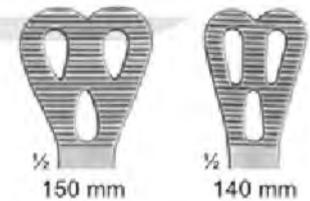
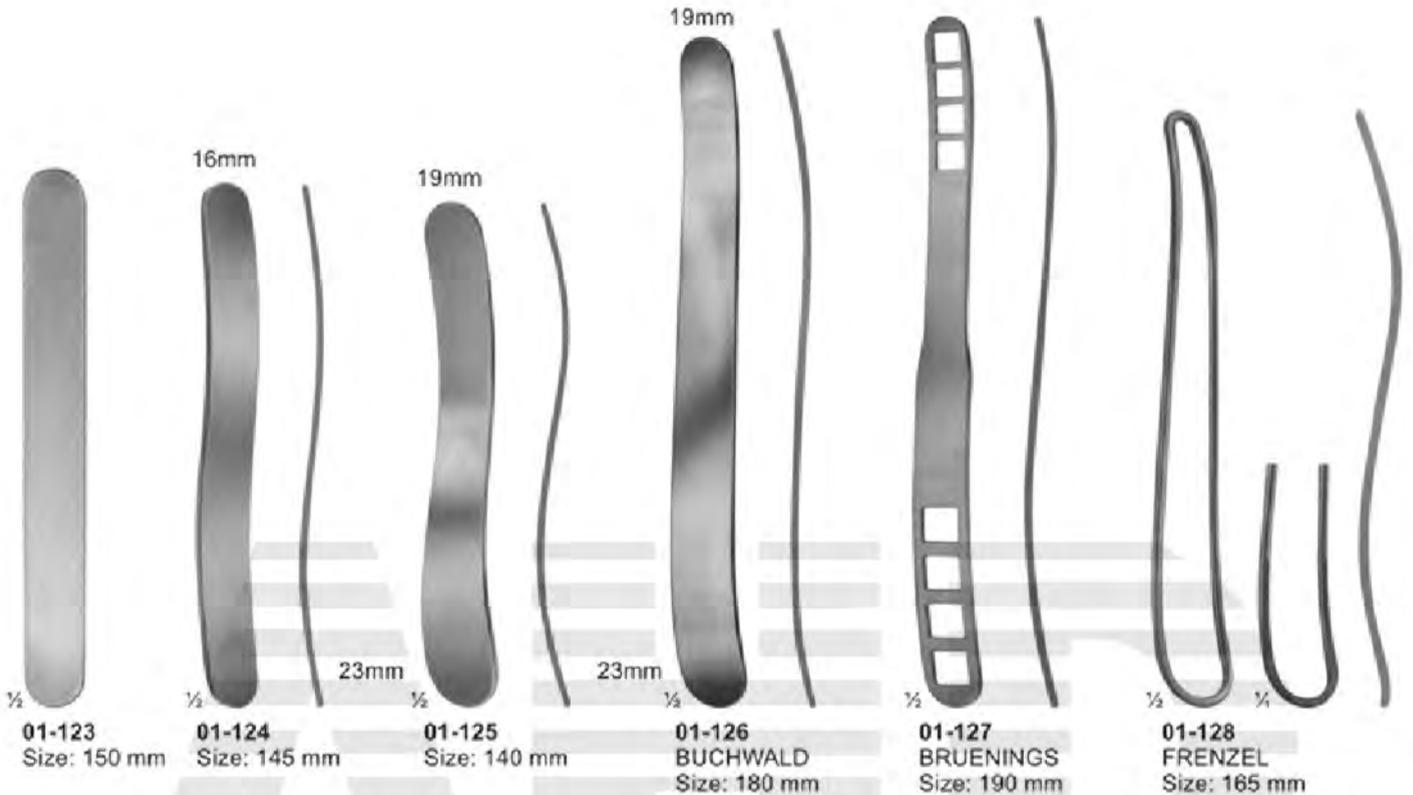


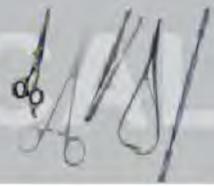
01-122
head mirror with black
plastic head band.





Tongue Depressors





**Instruments for Anaesthesia
and Tongue Forceps**



01-134
SCHIMMELBUSCH
Ether mask



01-135
HEISTER
Mouth gag
Size: 130 mm



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



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



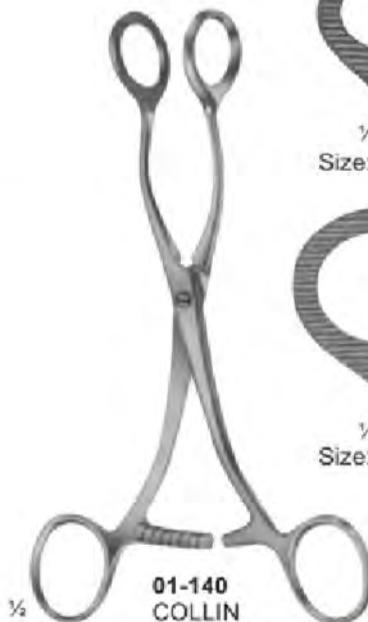
01-138
ROSER KOENIG
Mouth gag
Size: 160 mm, 185 mm



01-139
YOUNG
Size: 165 mm



1 Pair Of
Rubber Pads



01-140
COLLIN
Size: 160 mm,
170 mm



Size: 160 mm

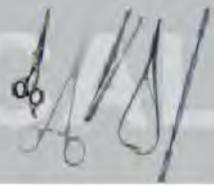


Size: 170 mm



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





Blood Lancets and Laryngeal Mirrors

Fig. 000
∅6mm

Fig. 00
∅8mm

Fig. 0
∅10mm

Fig. 1
∅12mm

Fig. 2
∅14mm

Fig. 3
∅16mm

Fig. 4
∅18mm

Fig. 5
∅20mm

Fig. 6
∅22mm

Fig. 7
∅24mm

Fig. 8
∅26mm

Fig. 9
∅28mm

Fig. 10
∅30mm

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





Laryngoscope and Diagnostic Sets



01-150
Infants
Size: 150 mm



01-151
Children
Size: 200 mm



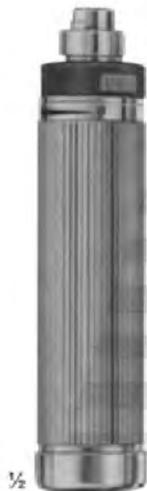
01-152
Adults
Size: 250 mm

1/2

01-150 - 152
MAGILL



01-154



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 velvet lined case



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





Laryngoscopes



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

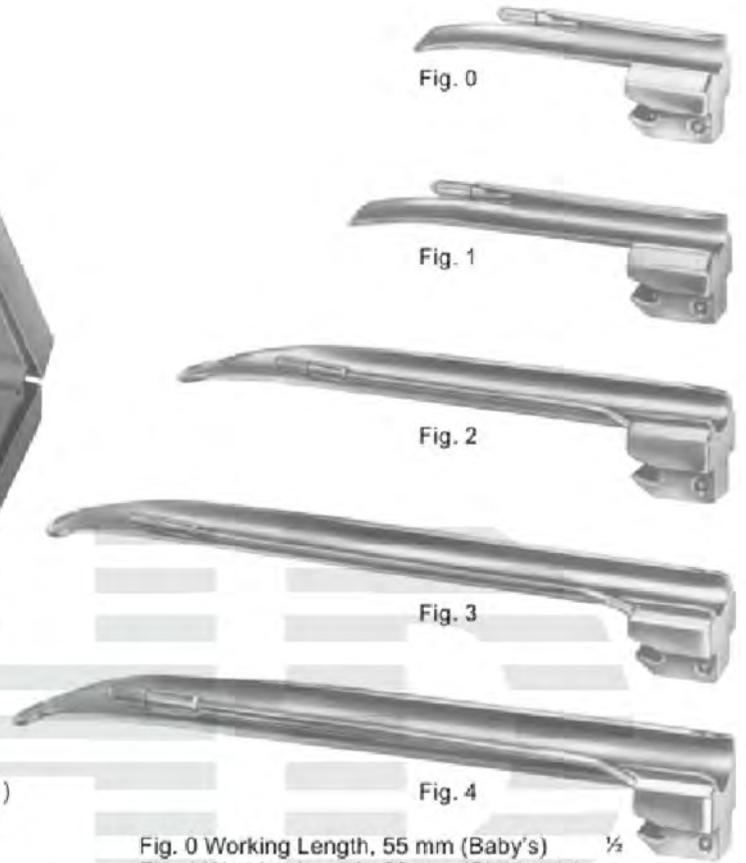


Fig. 0 Working Length, 55 mm (Baby's) $\frac{1}{2}$
Fig. 1 Working Length, 80 mm (Children's)
Fig. 2 Working Length, 130 mm (Adolescent's)
Fig. 3 Working Length, 170 mm (Women's)
Fig. 4 Working Length, 180 mm (Men's)



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



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





Laryngoscopes



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

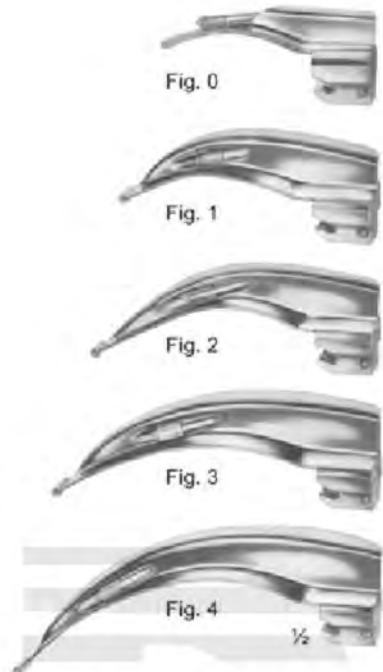
Fig. 0

Fig. 1

Fig. 2

Fig. 3

Fig. 4



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

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



1/2

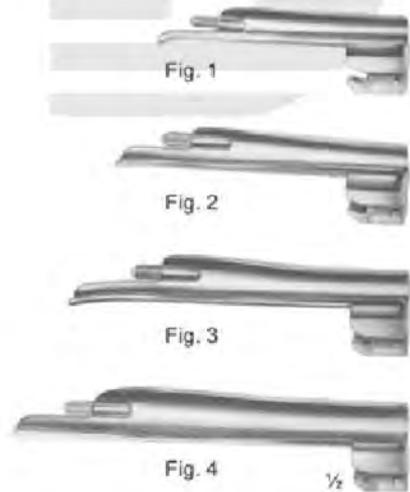
01-163
FOREGGER
Laryngoscope Set. Consists Of
Battery Handle (Without Battery)
With Four Foregger Blades,
Fig. 1, Fig. 2, Fig. 3, Fig. 4.

Fig. 1

Fig. 2

Fig. 3

Fig. 4



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



1/2

01-164
Fiber Optic
Battery Handle
30mm diam.



1/2

01-165
Fiber Optic
Battery Handle
18mm diam.



01-166
Replacement Lamp
(Krypton) 2.5 V



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





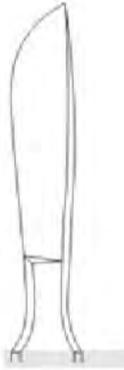
Dissecting Knives



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

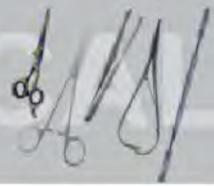


02-109
Fig. 9
47 mm



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

02-115

CATLIN
Size: 160 mm
Blade length
Amputating
Knives

02-116

LANGENBECK
Size: 120 mm
Blade length
Flap Knives

02-117

Size: 110 mm
Blade length
Interosseous
Knives

02-118

Size: 55 mm
Blade length
with raspatory,
Wooden handle

02-119

Size: 70 mm
Blade length
Wooden handle

02-120

Size: 80 mm
Blade length
Metal handle

02-121

Size: 195 mm
Blade length
Metal handle

Blade length
Amputating Knives





Cone Knives, Myomatome, Trigeminal and Tonsil Knives



02-122
AYRE
Size: 235 mm
Cone Knife

02-123
Size: 230 mm
Cone Knife

02-124
SEGOND
Size: 270 mm
Myomatome

02-125
OLIVECRONA
Size: 205 mm
Trigeminal
Knife

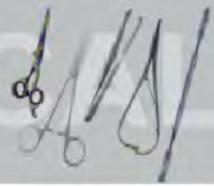
02-126
Size: 230 mm
Trigeminal
Knife

02-127
FOWLER
Size: 200 mm
Tonsil Knife

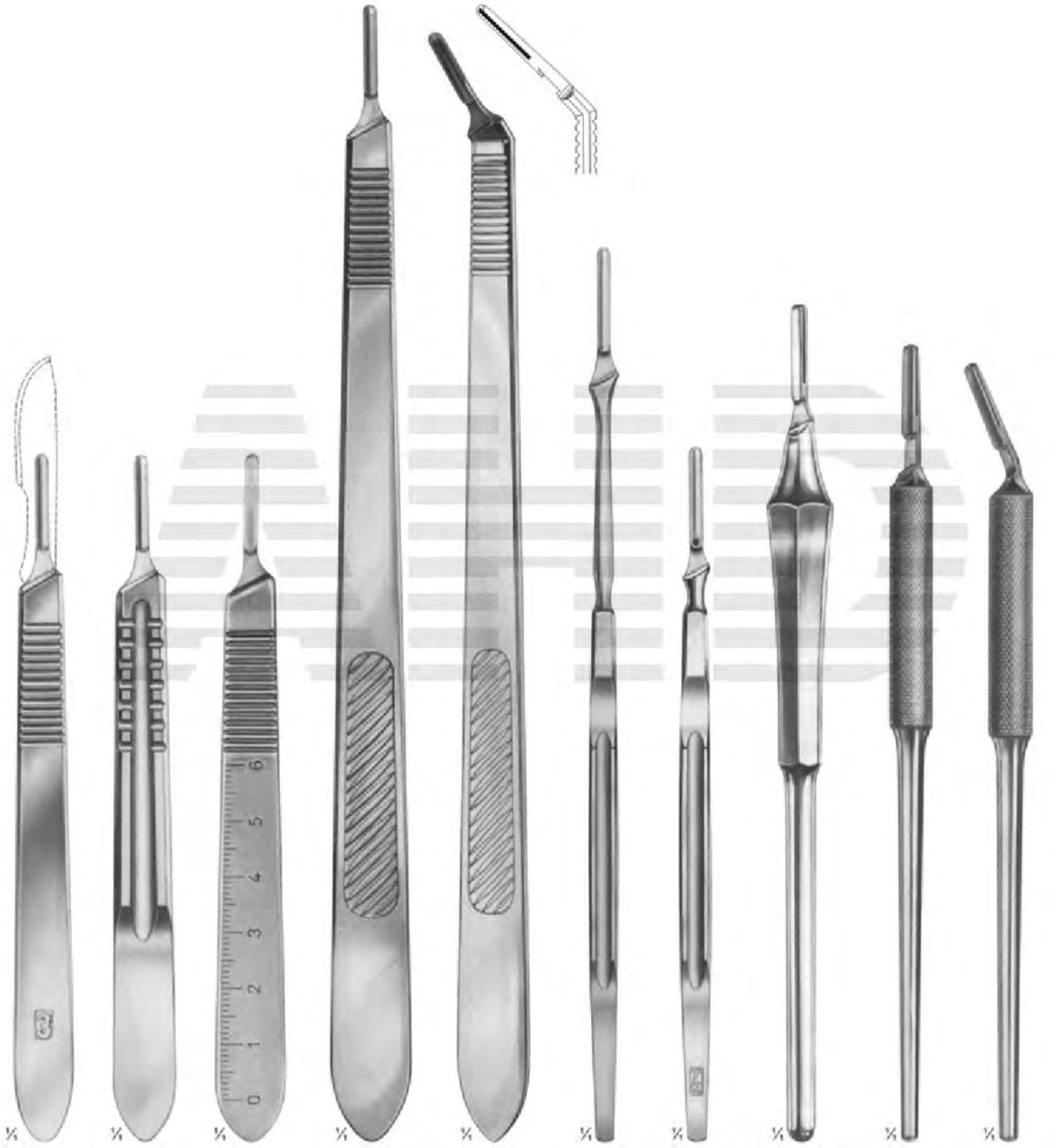
02-128
ABRAHAM
Size: 215 mm
Tonsil Knife

02-129
BRUNINGS
Size: 215 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

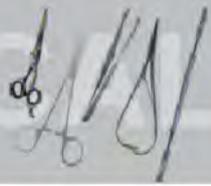
02-136
No. 7 K
Solid
12.5 cm

02-137
Hollow-Round
15.5 cm

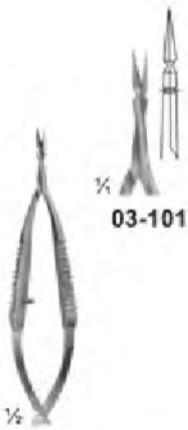
02-138
No. 3
Straight
Solid,
Round
14.5 cm

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





Micro Scissors (Spring Type) with Flat Handles



03-101

03-102

03-103



03-104

03-105



03-106

03-101 - 103
VANNAS
Size: 85 mm

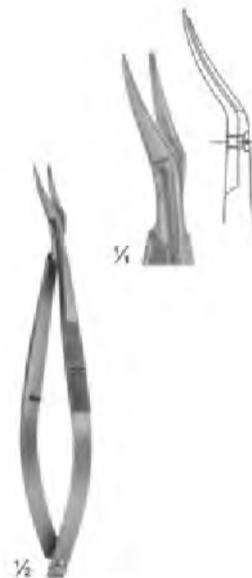
03-104 - 105
CASTROVIEJO
Size: 95 mm

03-106
NOYES
Size: 125 mm



03-107

03-108



03-109

03-110



03-110

03-111

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

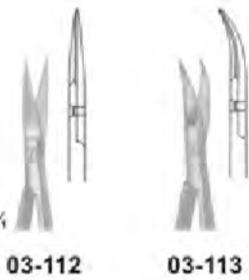
03-109
CASTROVIEJO
Eye scissor
Size: 115 mm

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

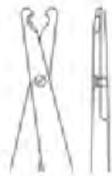




Micro Scissors (Spring Type) with Flat Handles



03-112 - 113
Size: 120 mm



03-114
BIEMER
Vein scissor
Size: 130 mm

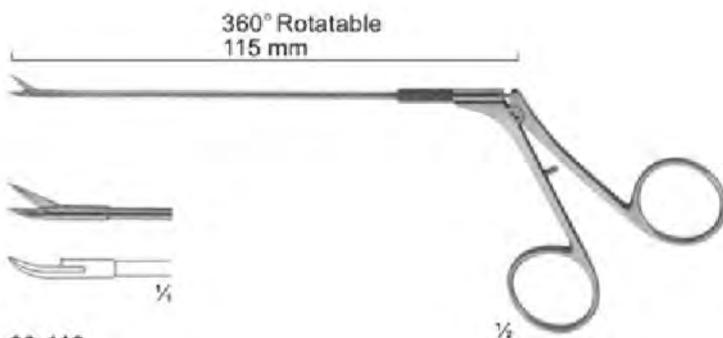


03-115
Size: 160 mm



03-116 **03-117**

03-116 - 117
VANNAS
Size: 160 mm



03-118
CASPAR
Micro scissor curved
Size: 115 mm



03-119 **03-120** **03-121**



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





Micro Scissors (Spring Type) bayonet-Shaped



1/2

03-122
YASARGIL
Size: 245 mm



1/2

03-123
45°



1/2

03-124
45°



1/2

03-123 - 124
laterally angled
Size: 200 mm



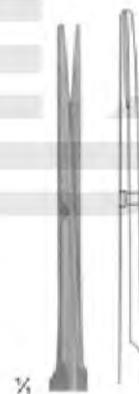
125°

03-125
laterally angled
Size: 190 mm



1/2

03-126 - 127
YASARGIL
Size: 225 mm



1/2

03-126



1/2

03-127





Delicate Scissors



03-128 - 129
Size: 90 mm



03-130 - 131
Size: 95 mm



03-132 - 133
Size: 105 mm

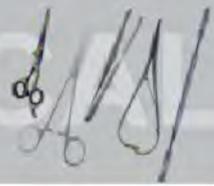


03-134 - 135
Size: 120 mm

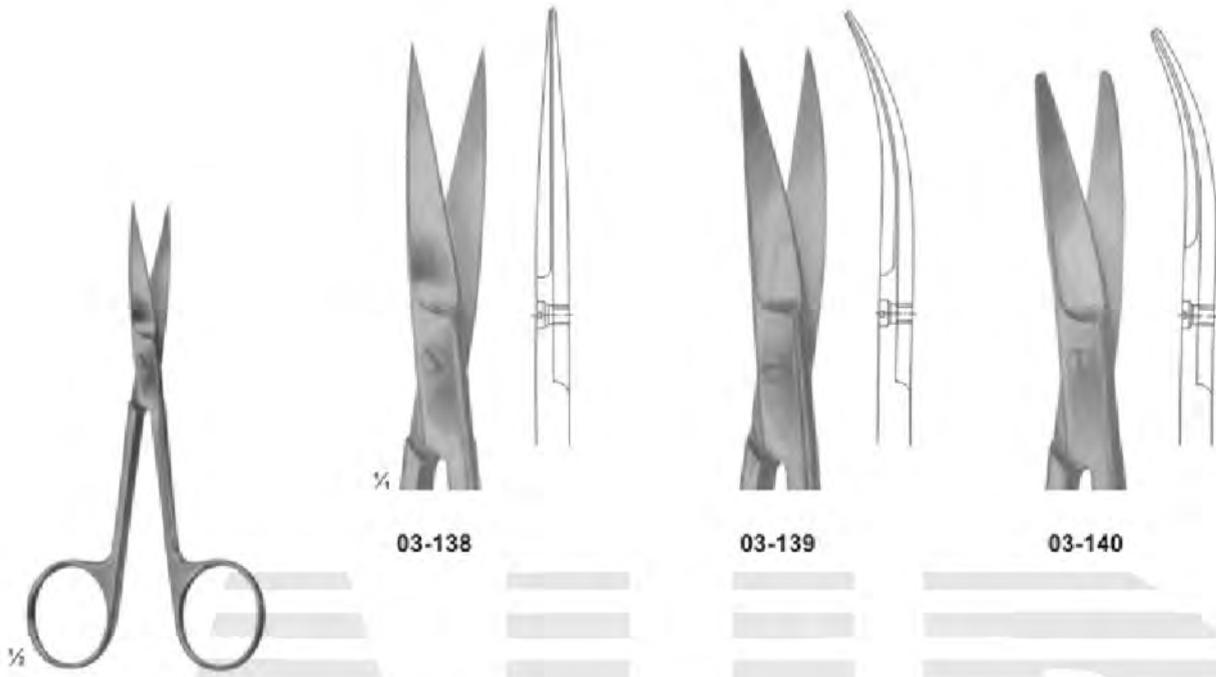


03-136 - 137
Size: 115 mm

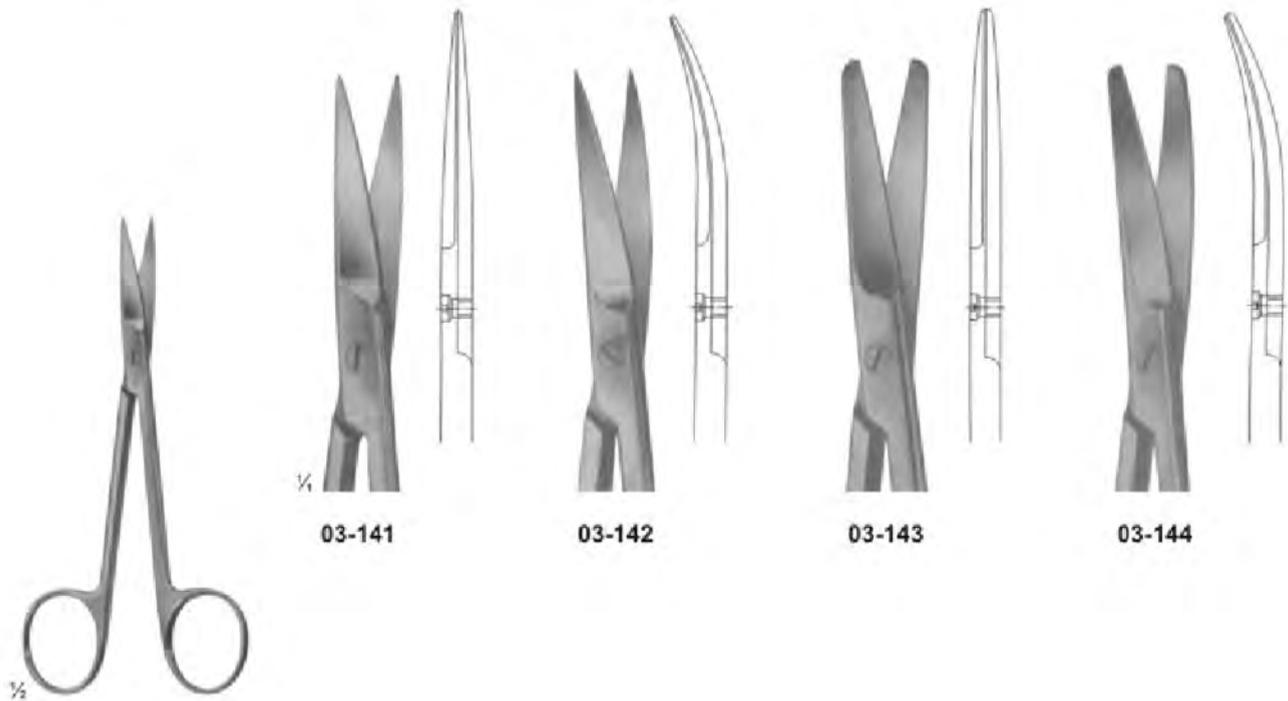




Delicate Scissors



03-138 - 140
Size: 120 mm

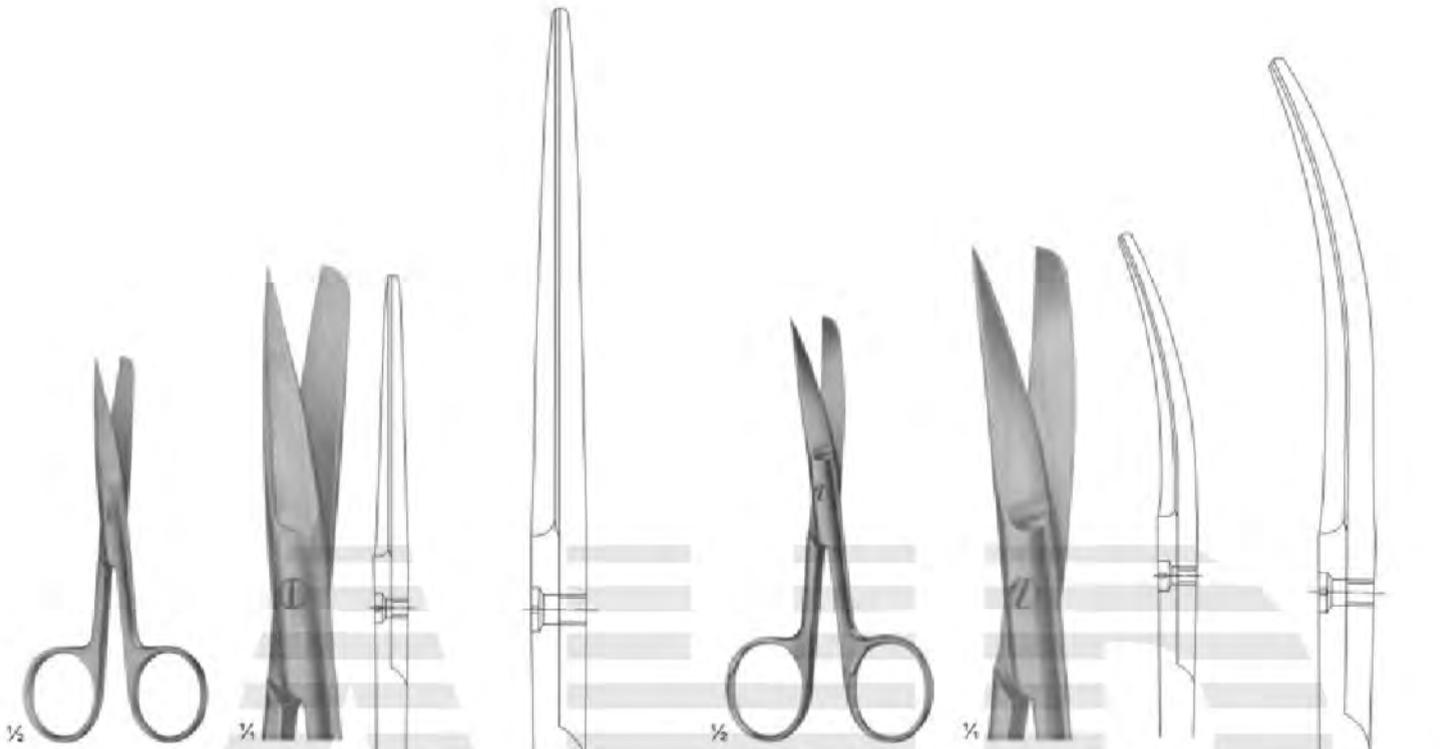


03-141 - 144
Size: 130 mm





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)

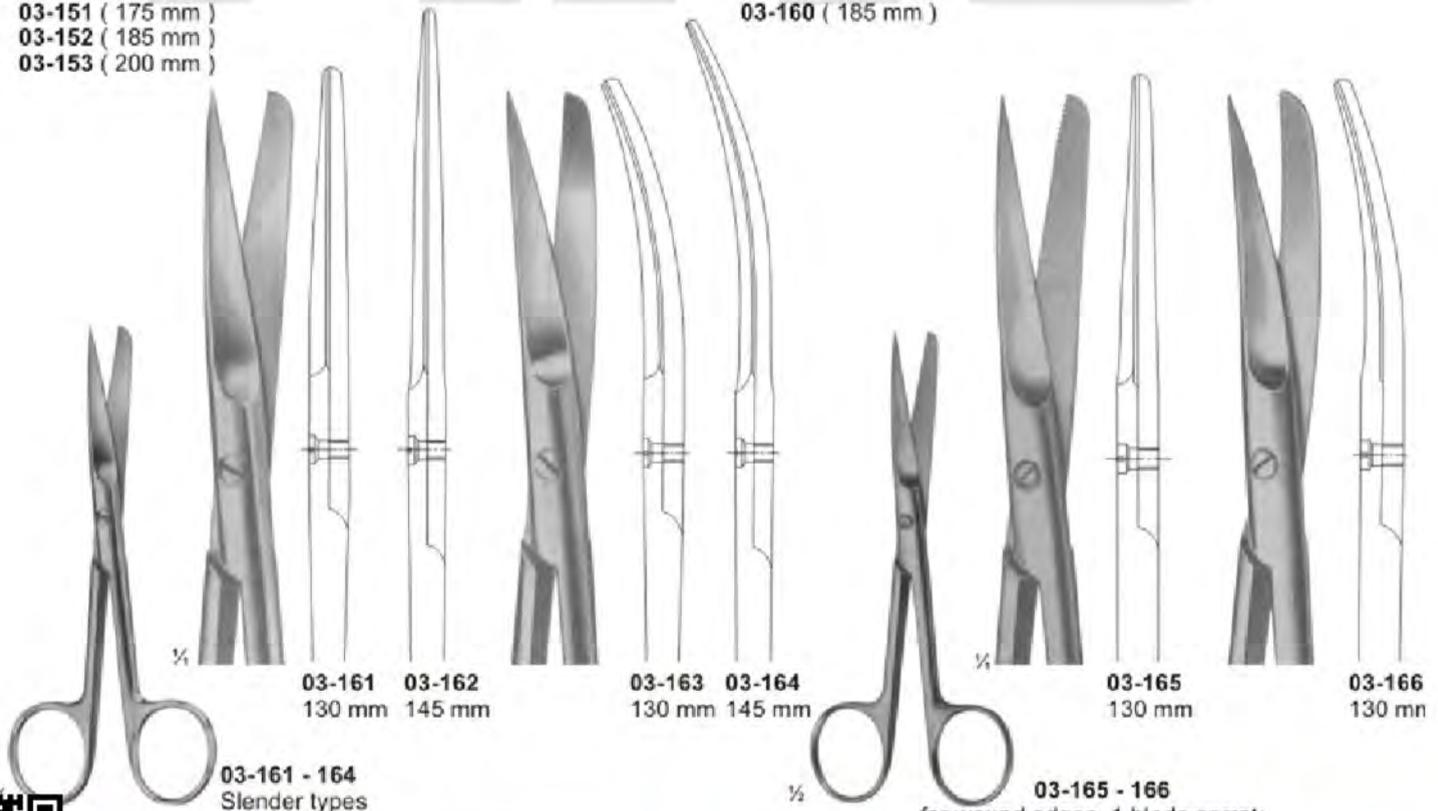
- 03-154 (115 mm)
- 03-155 (130 mm)
- 03-156 (145 mm)
- 03-157 (150 mm)
- 03-158 (165 mm)
- 03-159 (175 mm)
- 03-160 (185 mm)

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

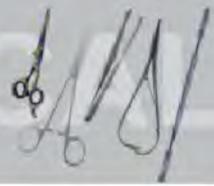
03-166

130 mm

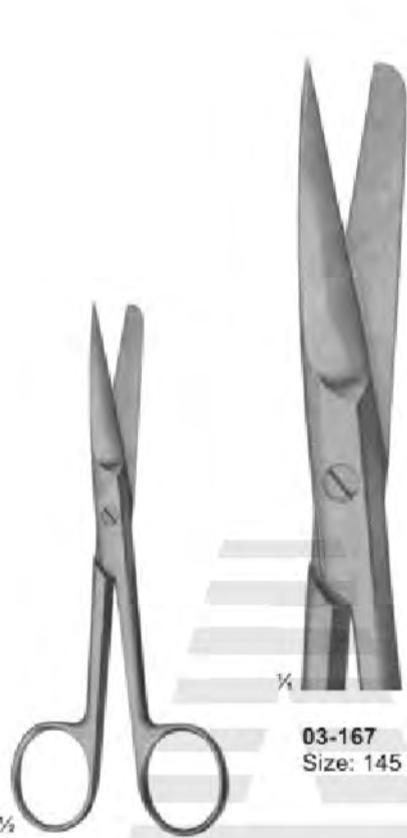
03-161 - 164
Slender types

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



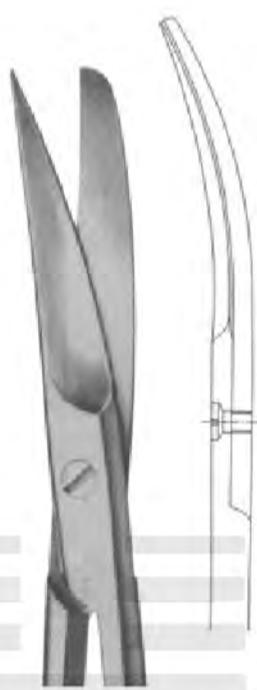


Surgical Scissors

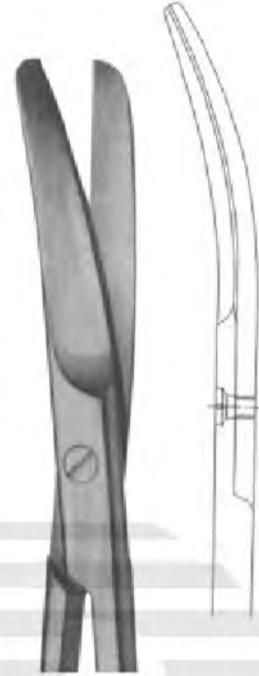


¼

03-167
Size: 145 mm



03-168
Size: 145 mm



03-169
Size: 145 mm



03-167 - 169
DEAVER
with flat lock



¼

03-170 - 172
Incision scissors



03-170
Size: 130 mm



03-171
Size: 145 mm



03-172
Size: 165 mm



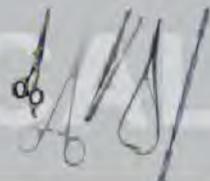
¼

03-173
SYSTRUNK
Nail splitting scissors

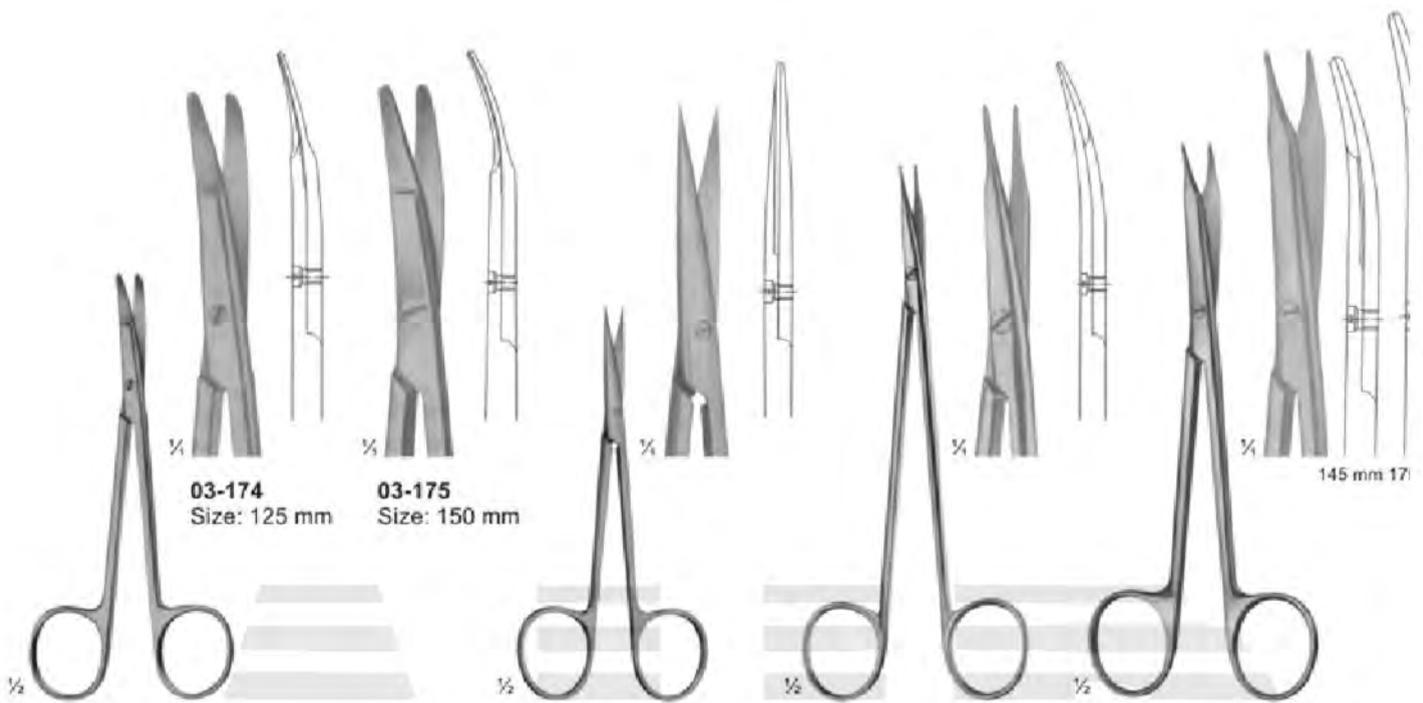


03-173
Size: 130 m





Dissecting Scissors

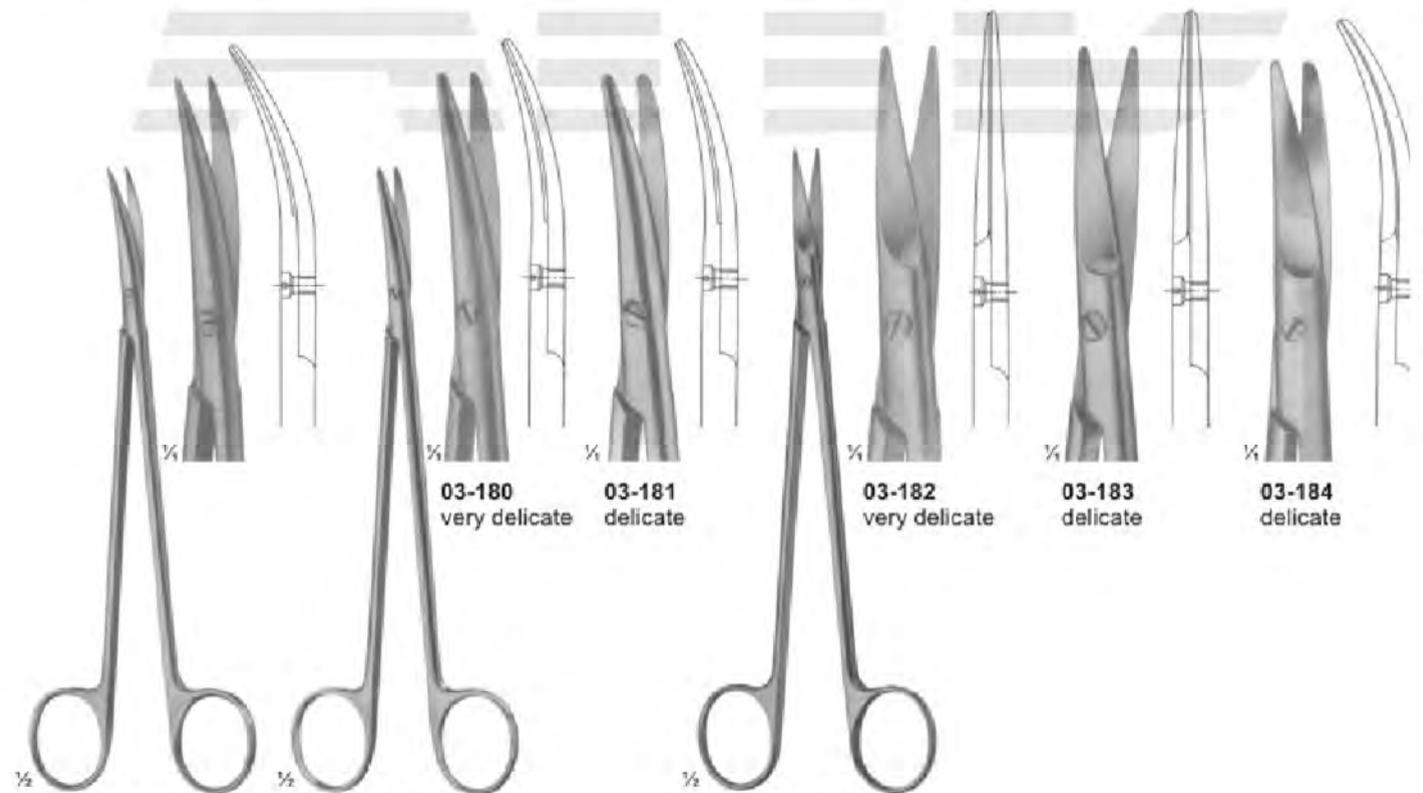


03-174 - 175
KILNER
Special flat points for dissecting and undermining the skin

03-176
KILNER
Fine dissecting scissors
Size: 115 mm

03-177
JAMESON
Dissecting scissors
Size: 150 mm

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



03-179
DE BAKEY
Arteriotomy scissors
Size: 175 mm

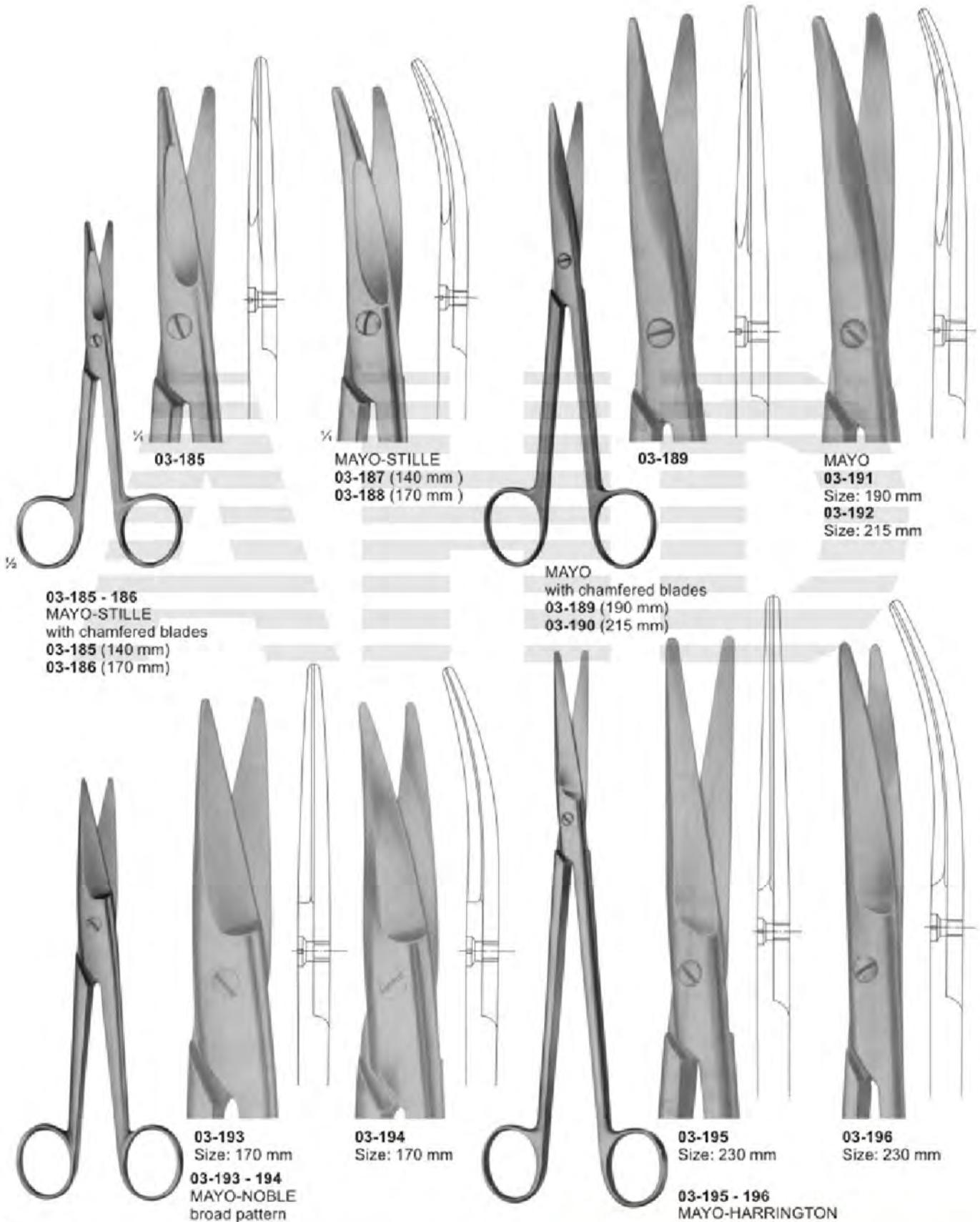
03-180 - 181
TOENNIS ADSON
Dissecting scissors
Size: 175 mm

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





Dissecting Scissors



03-185

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

03-189

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

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

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

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

03-194
Size: 170 mm

03-195
Size: 230 mm

03-196
Size: 230 mm

03-195 - 196
MAYO-HARRINGTON

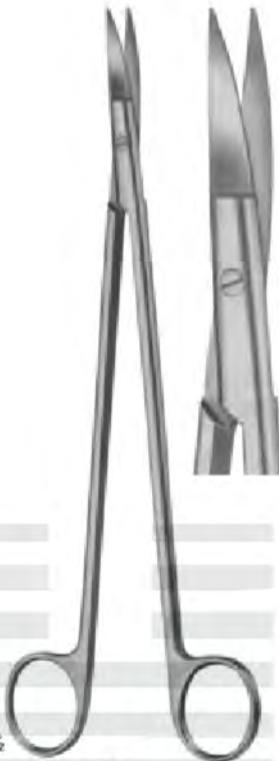




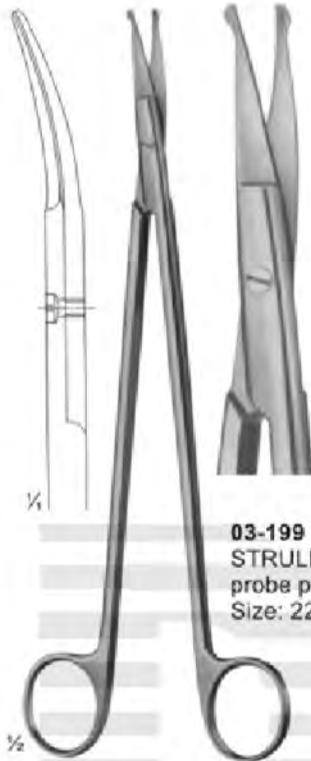
Scissors for Cardiovascular and Neuro-Surgery



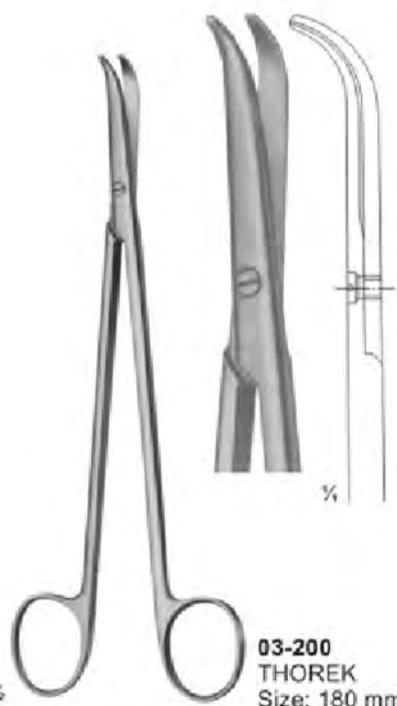
03-197
OLIVECRONA
Dura scissors



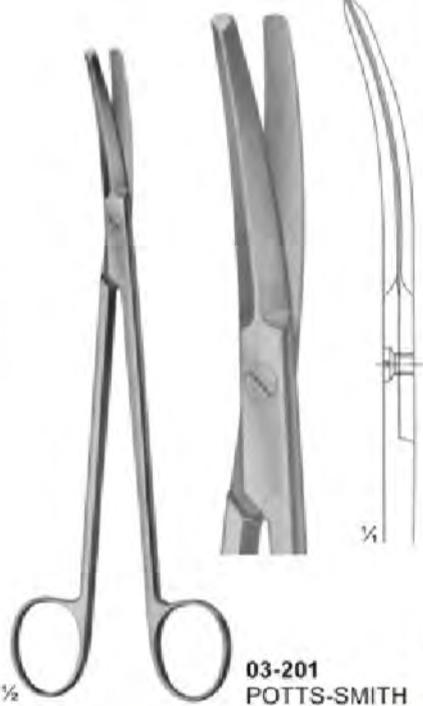
03-198
STRULLY
pointed
Size: 220 mm



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

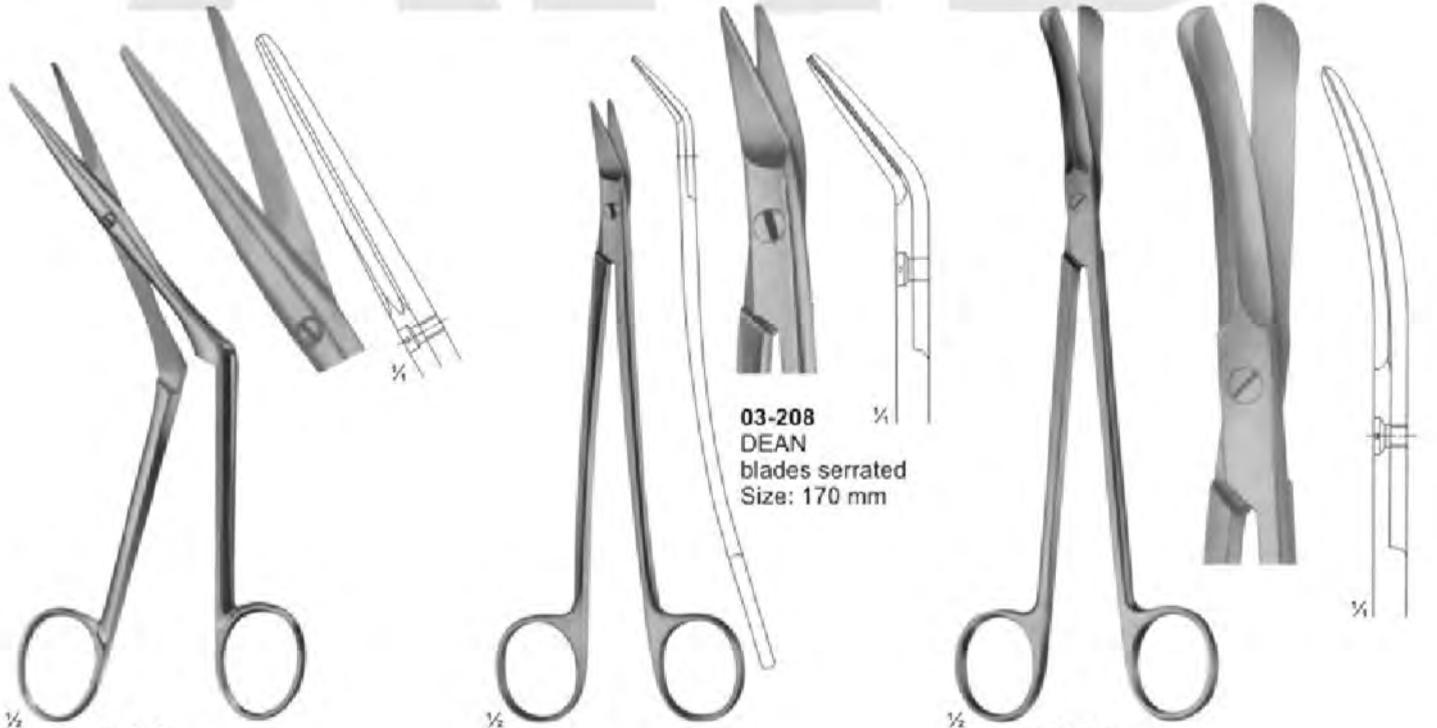


03-203
1 finely toothed blade
Size: 130 mm

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

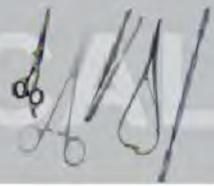


03-211
195 mm

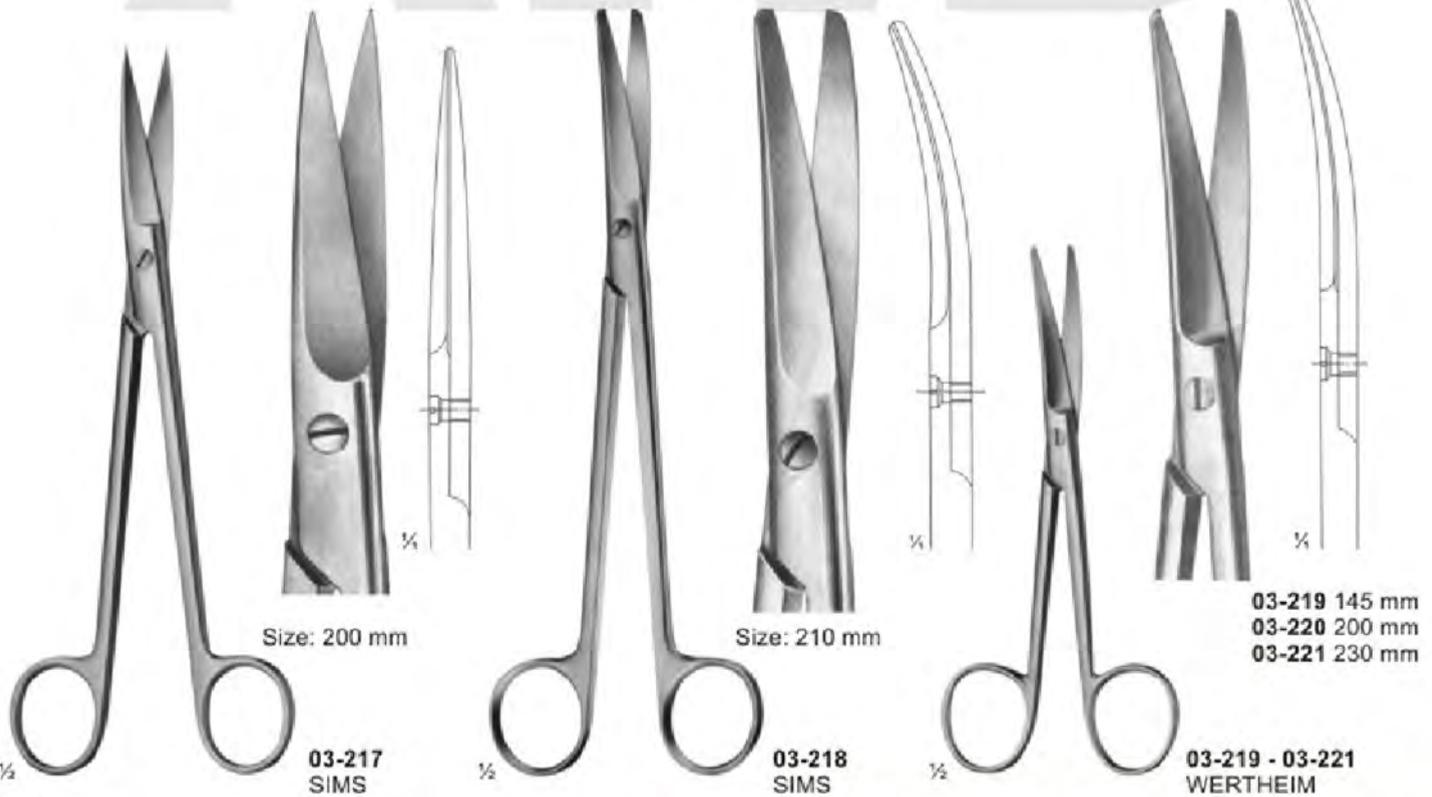
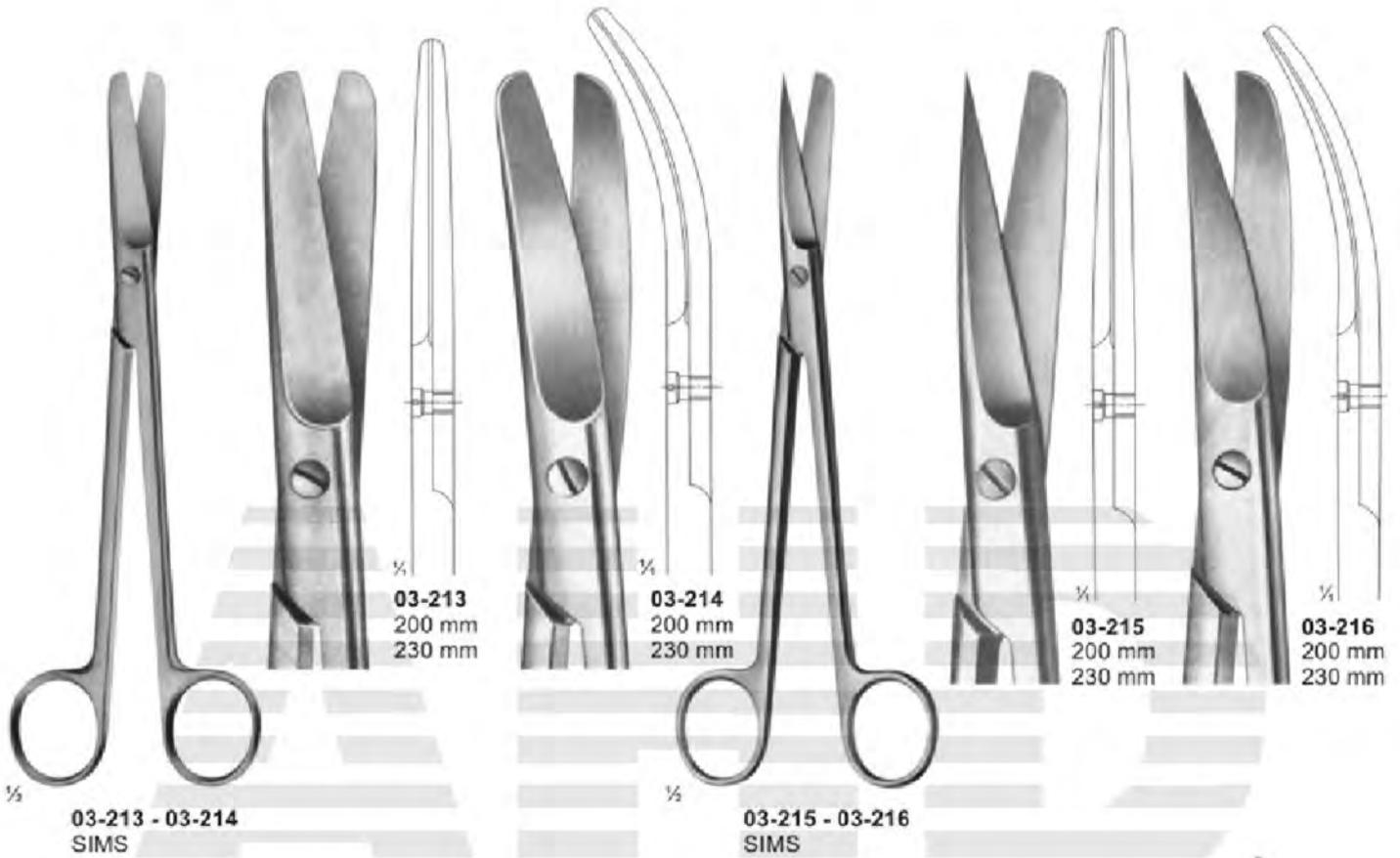


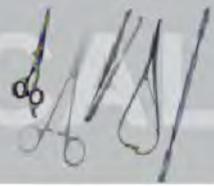
03-212
225 mm





Scissors for deep operations and for Gynaecology





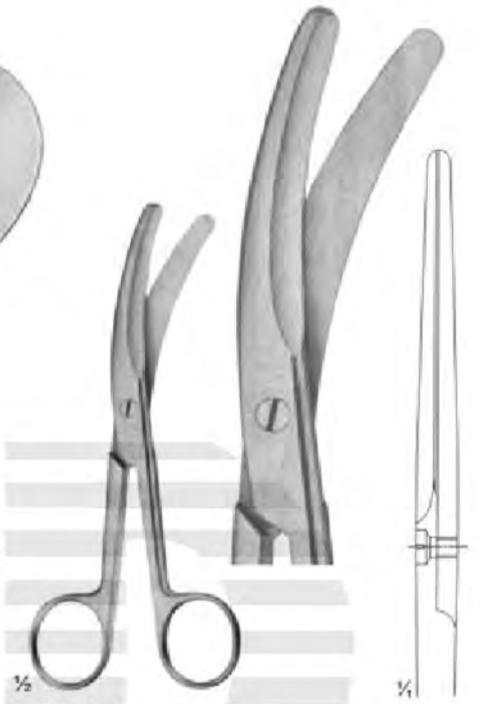
Scissors for Obstetrics



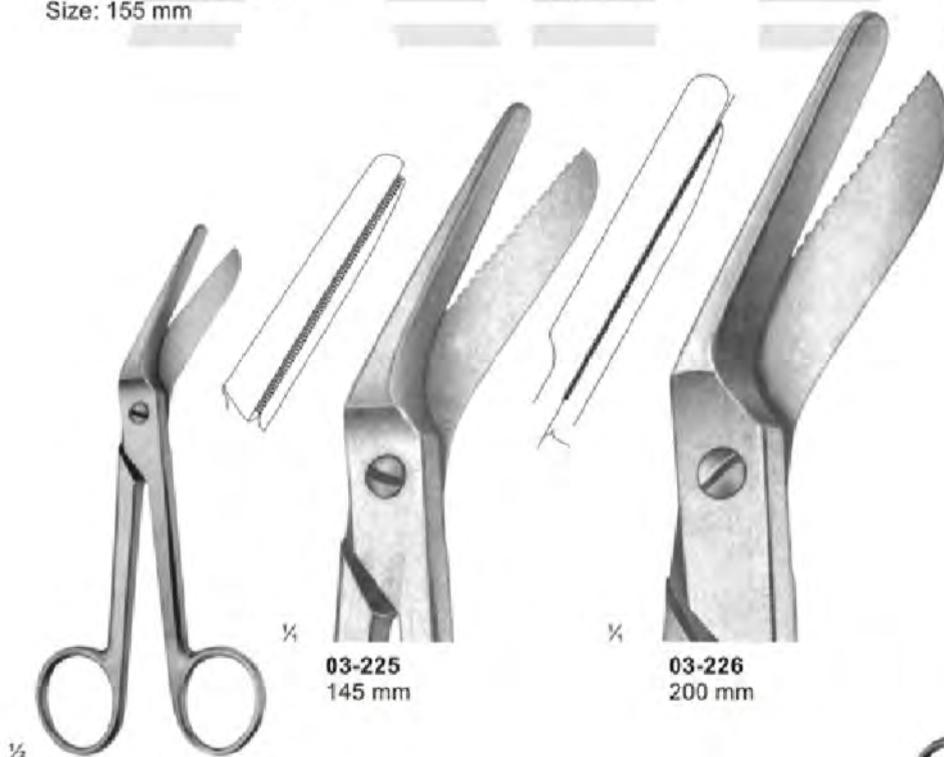
03-222
SCHUMACHER
Umbilical cord scissors
Size: 155 mm



03-223
Umbilical cord scissors
Size: 105 mm



03-224
Umbilical cord scissors
135 mm



03-225
145 mm

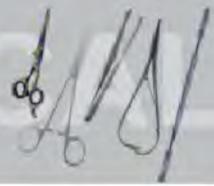
03-226
200 mm

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

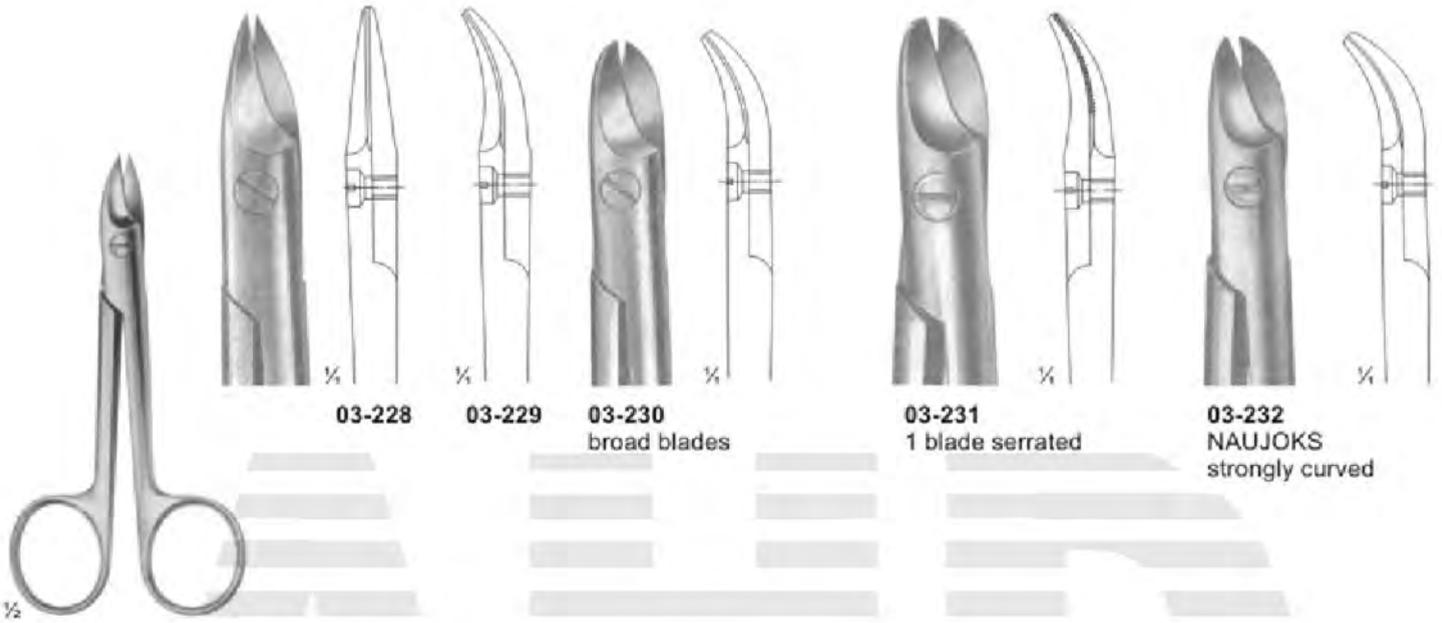


03-227
Episiotomy scissors
240 mm





Wire and Plate Scissors



03-228

03-229

03-230
broad blades

03-231
1 blade serrated

03-232
NAUJOKS
strongly curved

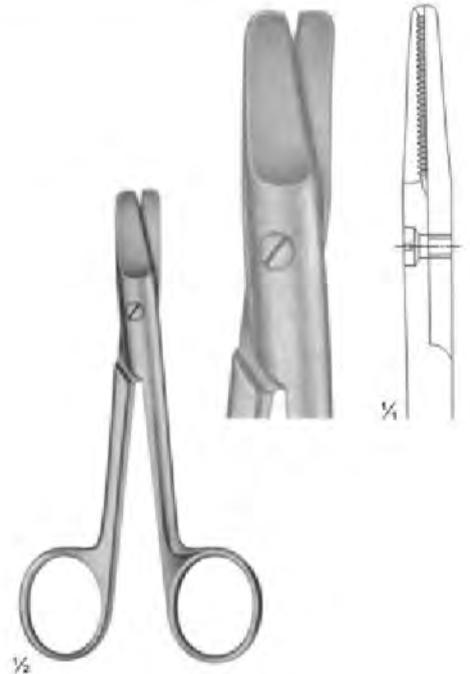
03-228 - 03-232
BEEBE
Size: 110 mm



03-233
1 blade serrated
Size: 120 mm



03-234
STRACK
Size: 100 mm



03-235
HARVEY
blades serrated
Size: 125 mm



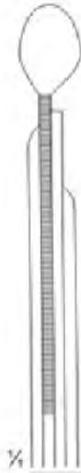


Bandage and Cloth Scissors



1/2

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



1/4

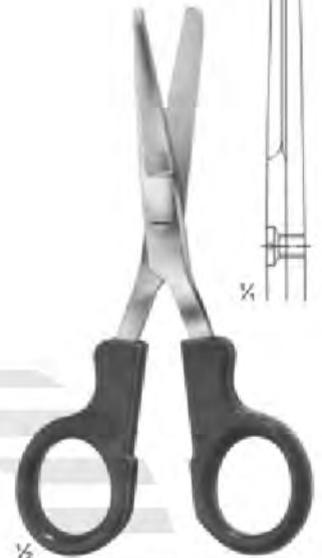


1/2

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



1/4

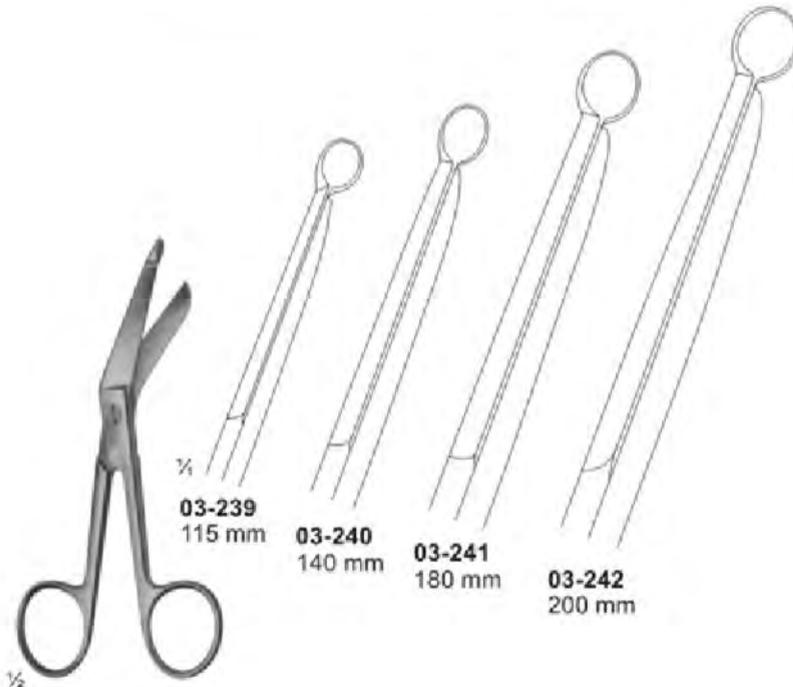


1/2

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



1/4



03-239
115 mm

03-240
140 mm

03-241
180 mm

03-242
200 mm

1/2

03-239 - 03-242
LISTER



03-243
155 mm

03-244
180 mm

1/2

03-243 - 03-244
LISTER

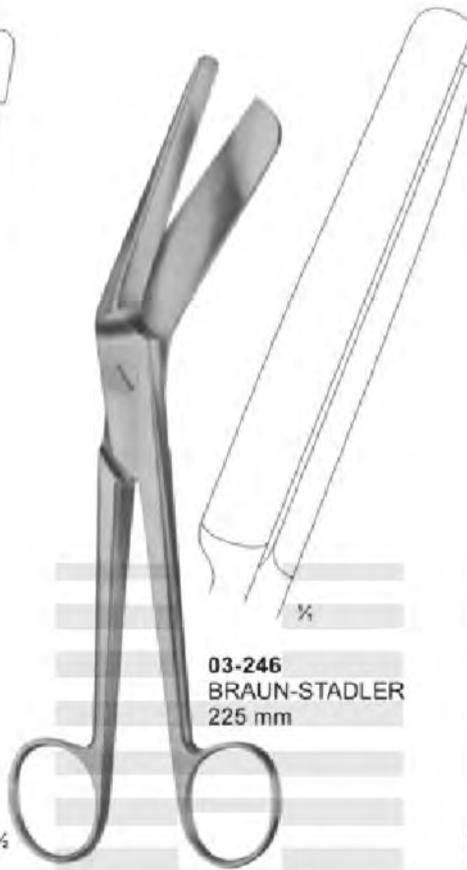




Bandage-, Cloth-, and Plaster Scissors



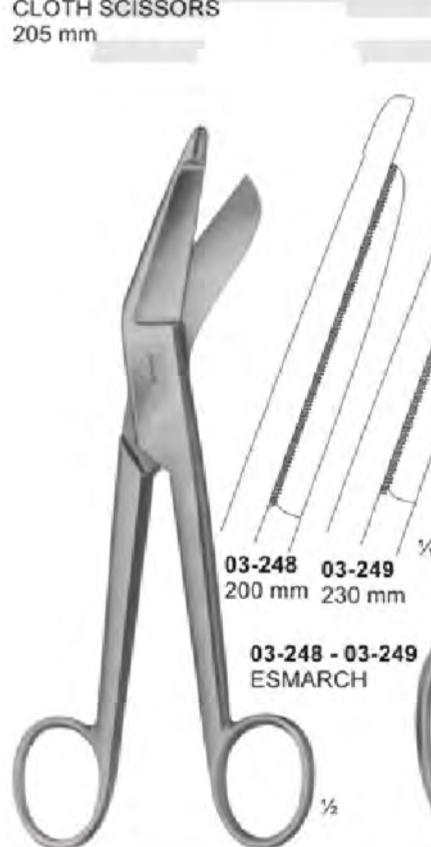
03-245
CLOTH SCISSORS
205 mm



03-246
BRAUN-STADLER
225 mm

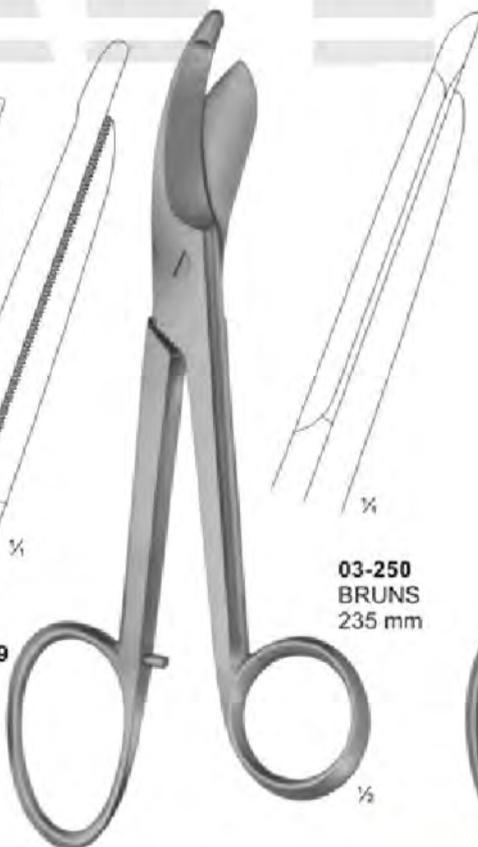


03-247
SEUTIN
230 mm

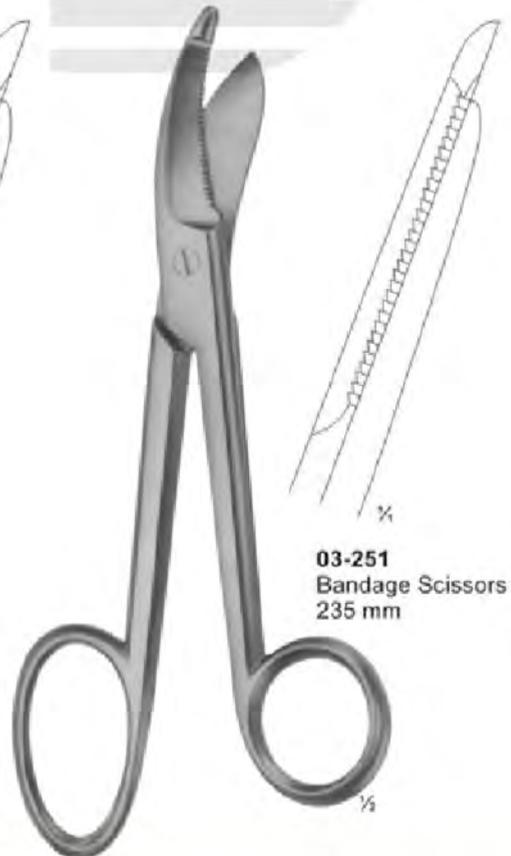


03-248 **03-249**
200 mm 230 mm

03-248 - 03-249
ESMARCH



03-250
BRUNS
235 mm

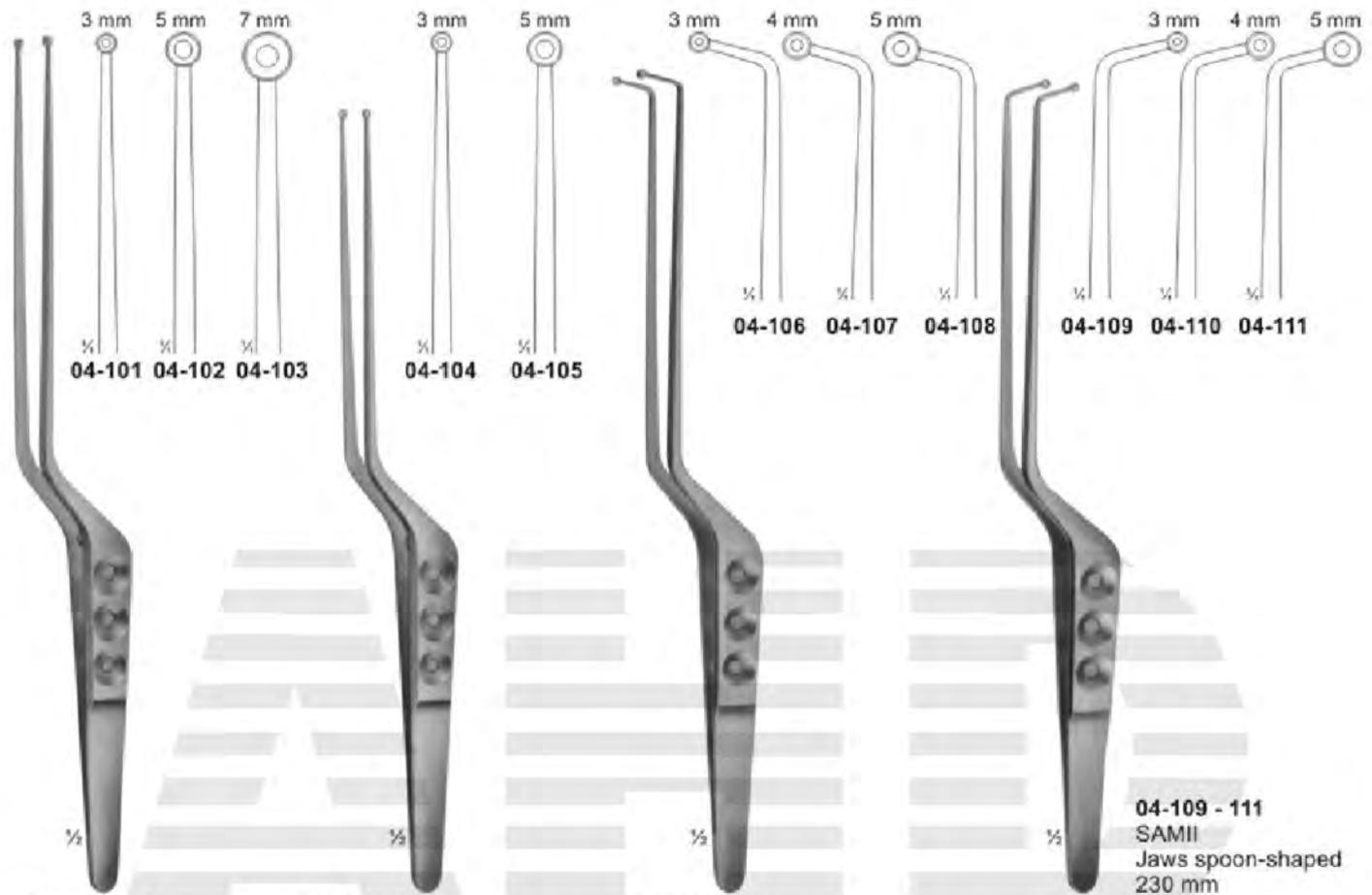


03-251
Bandage Scissors
235 mm





Forceps for grasping tissue, tumors etc.

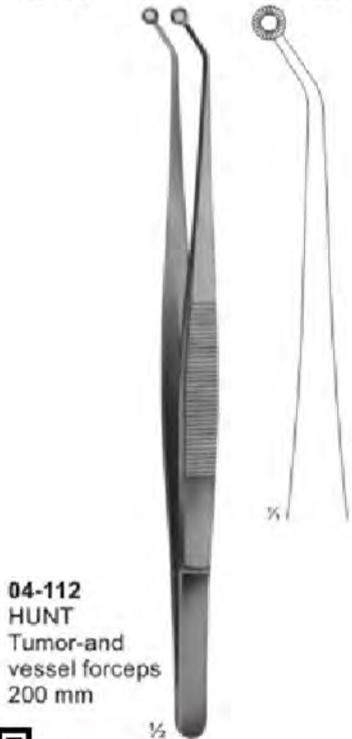


04-101 - 103
YASARGIL-SAMII
Jaws spoon-shaped
240 mm

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



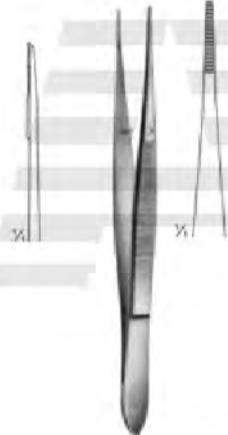
04-118
MICRO-ADSON
150 mm



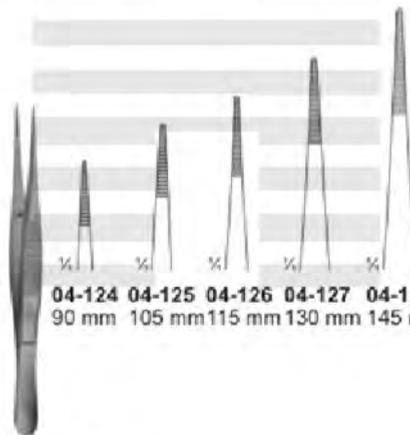
04-119 - 121
100 mm



04-122
BONACCOLTO
110 mm

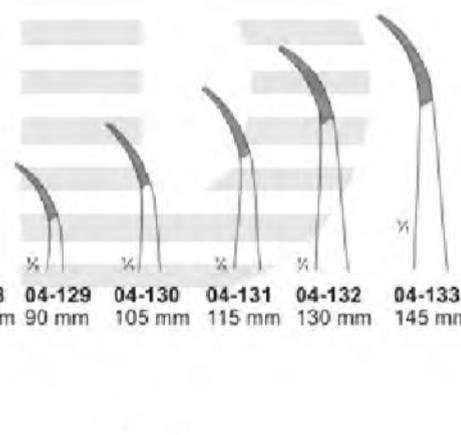


04-123
115 mm



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

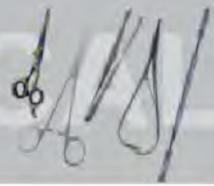


04-137
KUHNE
Cover glass forceps, 105 mm

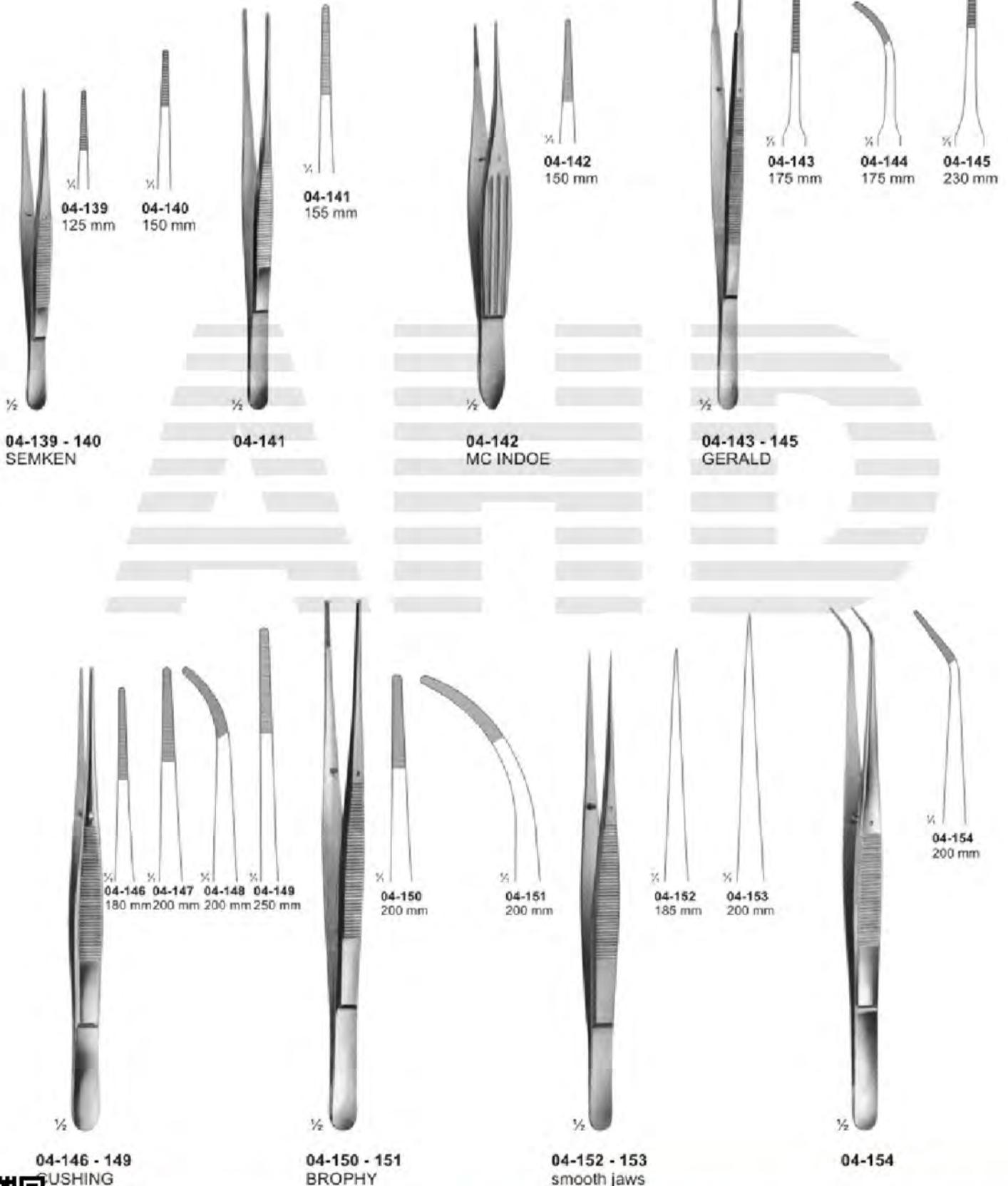


04-138
160 mm



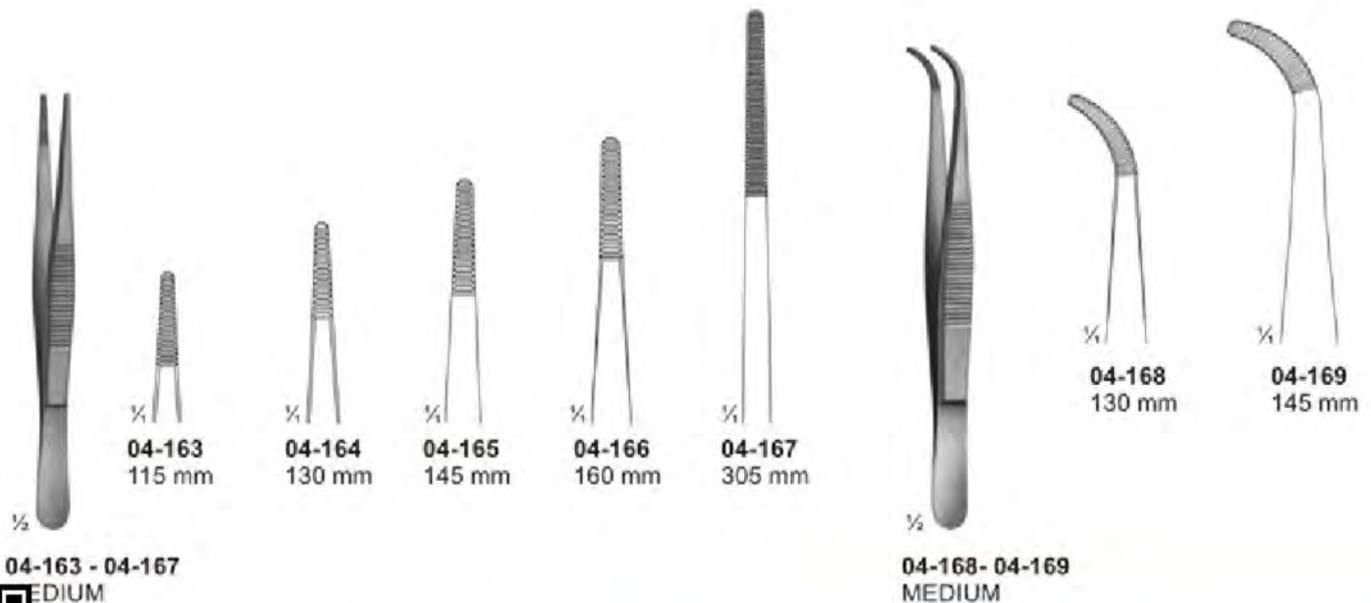
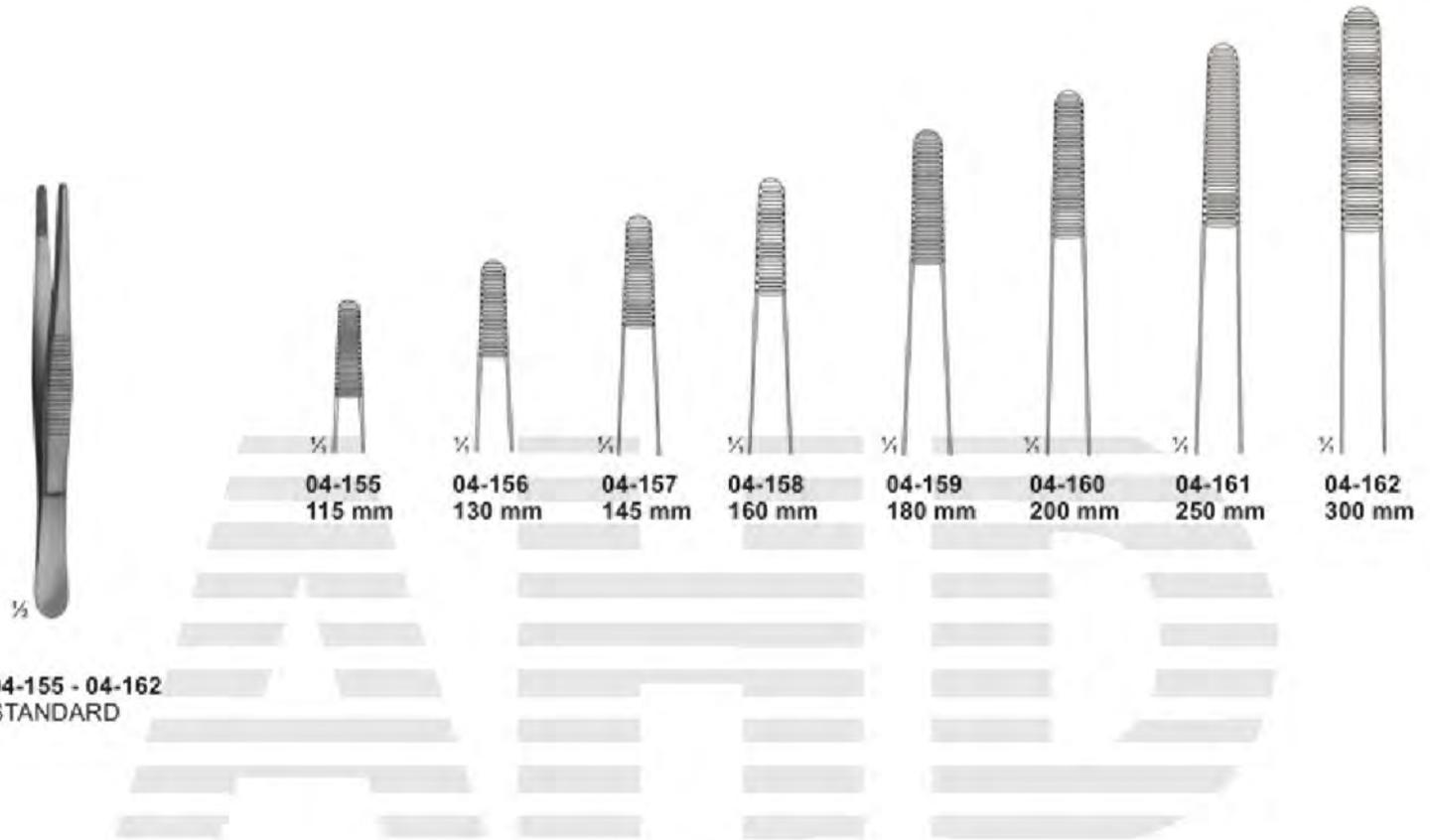


Delicate Dissecting Forceps





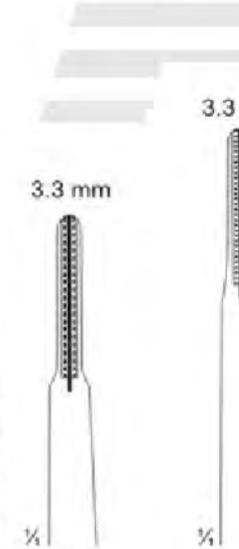
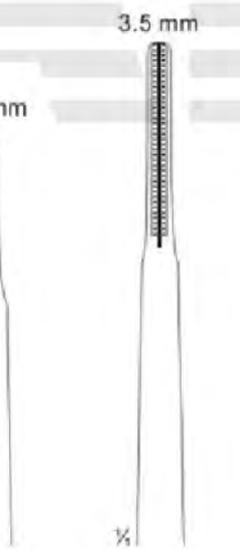
Dissecting Forceps





Forceps

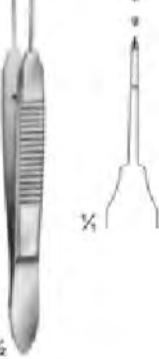
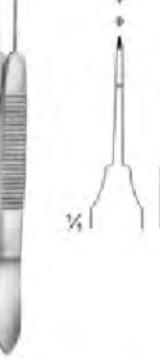
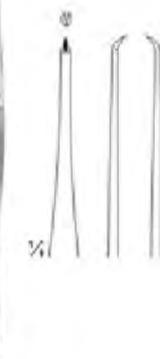
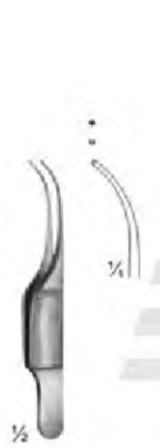
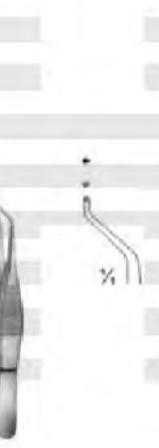
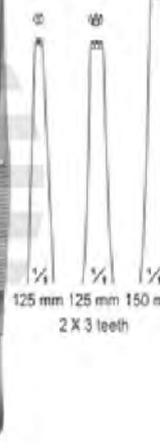
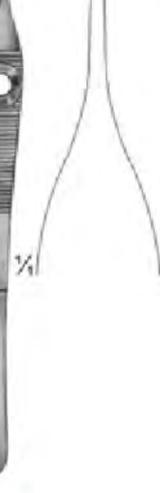
| | | | | | | | | | |
|---|---|--|---|---|---|--|---|---|---|
|  1.5 mm 1/4 04-170 150 mm |  1.5 mm 1/4 04-171 200 mm |  2 mm 1/4 04-172 150 mm |  2 mm 1/4 04-173 200 mm |  2 mm 1/4 04-174 240 mm |  2 mm 1/4 04-175 300 mm |  2.8 mm 1/4 04-176 150 mm |  2.8 mm 1/4 04-177 200 mm |  2.8 mm 1/4 04-178 240 mm |  2.8 mm 1/4 04-179 300 mm |
| 04-170 - 04-171 DE BAKEY | | | 04-172 - 04-175 DE BAKEY | | | 04-176 - 04-179 DE BAKEY | | | |

| | | | | |
|--|---|---|--|--|
|  3.3 mm 1/4 04-180 200 mm |  3.3 mm 1/4 04-181 240 mm |  3.5 mm 1/4 04-182 300 mm |  2 mm 40° 1/4 04-183 150 mm |  2 mm 40° 1/4 04-184 200 mm |
| 04-180 - 04-182 DE BAKEY | | | 04-183 DE BAKEY | 04-184 DE BAKEY |





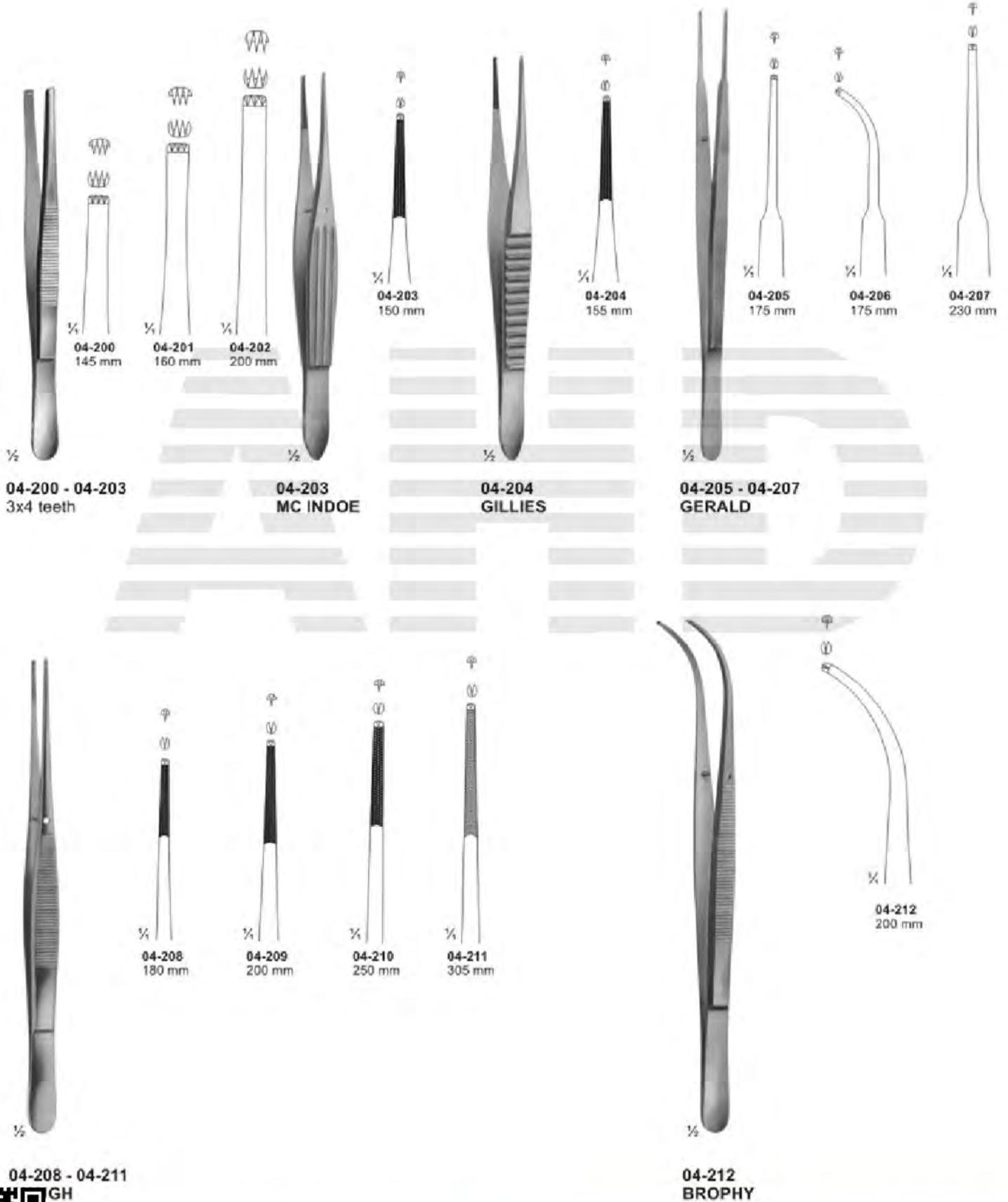
Delicate Tissue Forceps

| | | | | |
|---|--|--|--|---|
|  <p>¼</p> |  <p>¼</p> |  <p>¼</p> |  <p>¼</p> |  <p>¼</p> |
| <p>04-185 BISHOP-HARMON 85 mm</p> | <p>04-186 ST.MARTIN 80 mm</p> | <p>04-187 CASTROVIEJO teeth 0.9 mm 100 mm</p> | <p>04-188 CASTROVIEJO teeth 0.5 mm 100 mm</p> | <p>04-189 ELSCHING 110 mm</p> |
|  <p>¼</p> |  <p>¼</p> |  <p>¼</p> |  <p>¼</p> |  <p>¼</p> <p>125 mm 125 mm 150 mm 2 X 3 teeth</p> |
| <p>04-190 GILL 75 mm</p> | <p>04-191 GILL - HESS 75 mm</p> | <p>04-192 HESS 70 mm</p> | <p>04-193 ARRUGA 100 mm</p> | <p>04-194 SEMKEN</p> |
|  <p>¼</p> |  <p>¼</p> |  <p>¼</p> |  <p>¼</p> |  <p>¼</p> |
| <p>04-195 MICRO-ADSON 120 mm</p> | <p>04-196 ADSON 120 mm</p> | <p>04-197 ADSON 120 mm</p> | <p>04-198 ADSON 120 mm</p> | <p>04-199 ADSON 150 mm</p> |





Tissue Forceps



04-200 - 04-203
3x4 teeth

04-203
MC INDOE

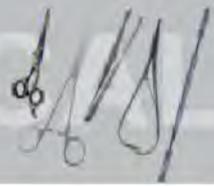
04-204
GILLIES

04-205 - 04-207
GERALD

04-208 - 04-211

04-212
BROPHY

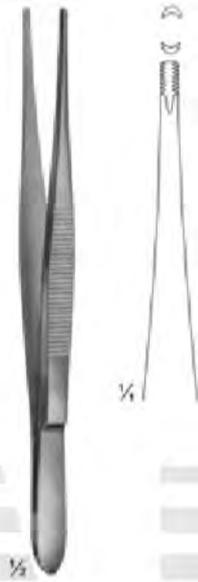




Tissue Forceps



04-213
ADSON - BROWN
Non-traumatic
120 mm



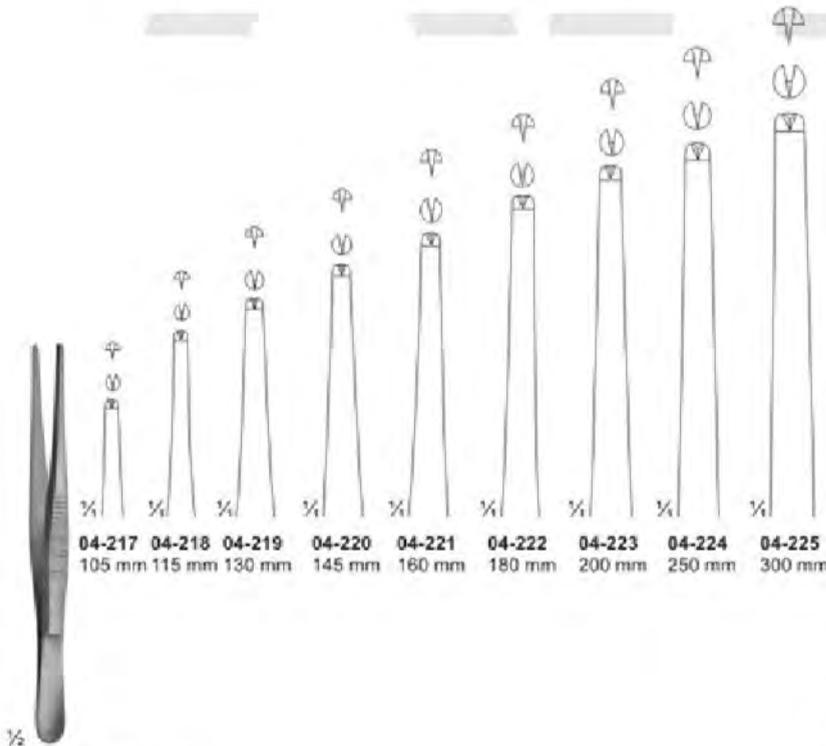
04-214
BROWN
120 mm



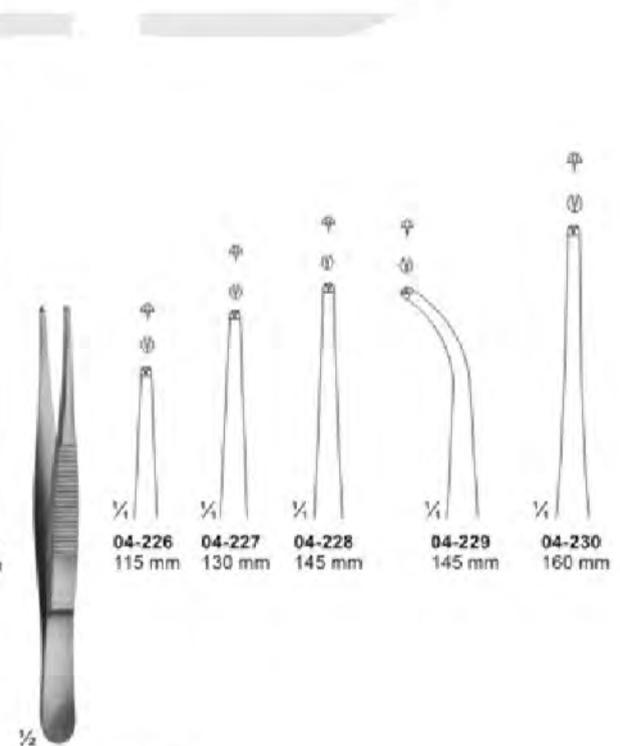
04-215
GRAEFE
110 mm



04-216
GRAEFE
With Catch
110 mm

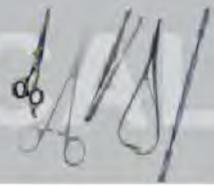


04-217 - 04-225
STANDARD



04-226 - 04-230
GRAEFE
110 mm





Forceps, Bayonet - Shaped



04-231
LUCAE
140 mm



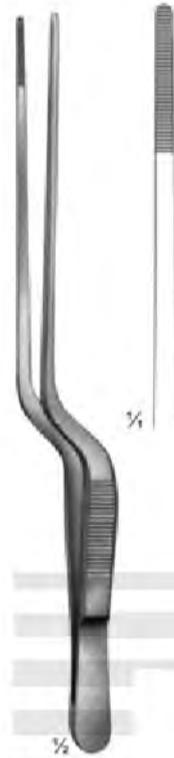
04-232
LUCAE
1x2 teeth
140 mm



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



04-234
JANSEN
160 mm



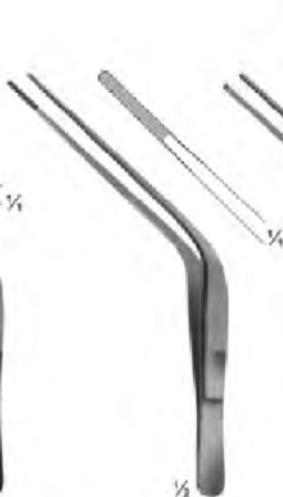
04-235
GRUENWALD
200 mm



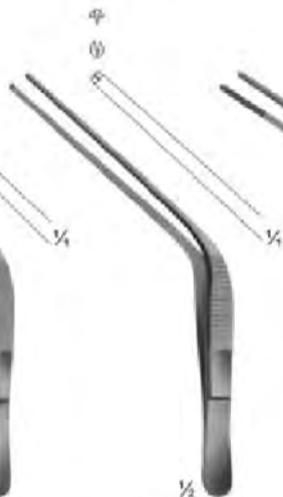
04-236
1x2 teeth
200 mm



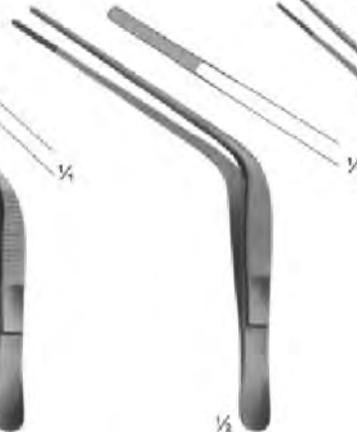
04-237
TROELTSCH
100 mm



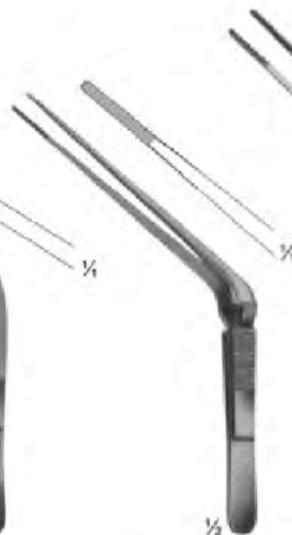
04-238
TROELTSCH
115 mm



04-239
TROELTSCH
1X2 teeth
115 mm



04-240
WILDE
115 mm

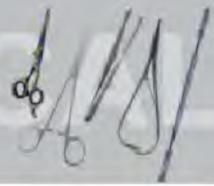


04-241
TROELTSCH
Cross action
120 mm

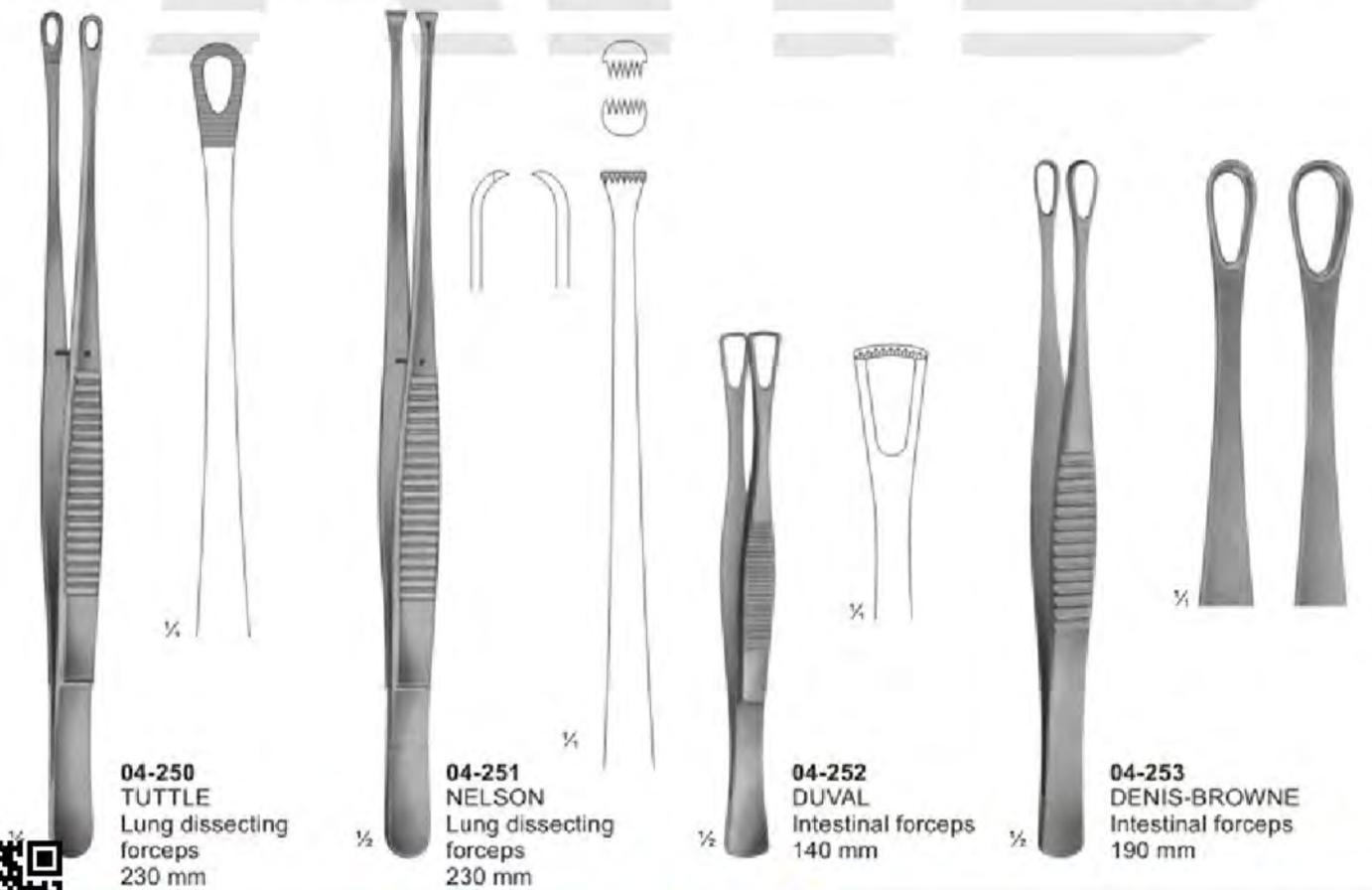
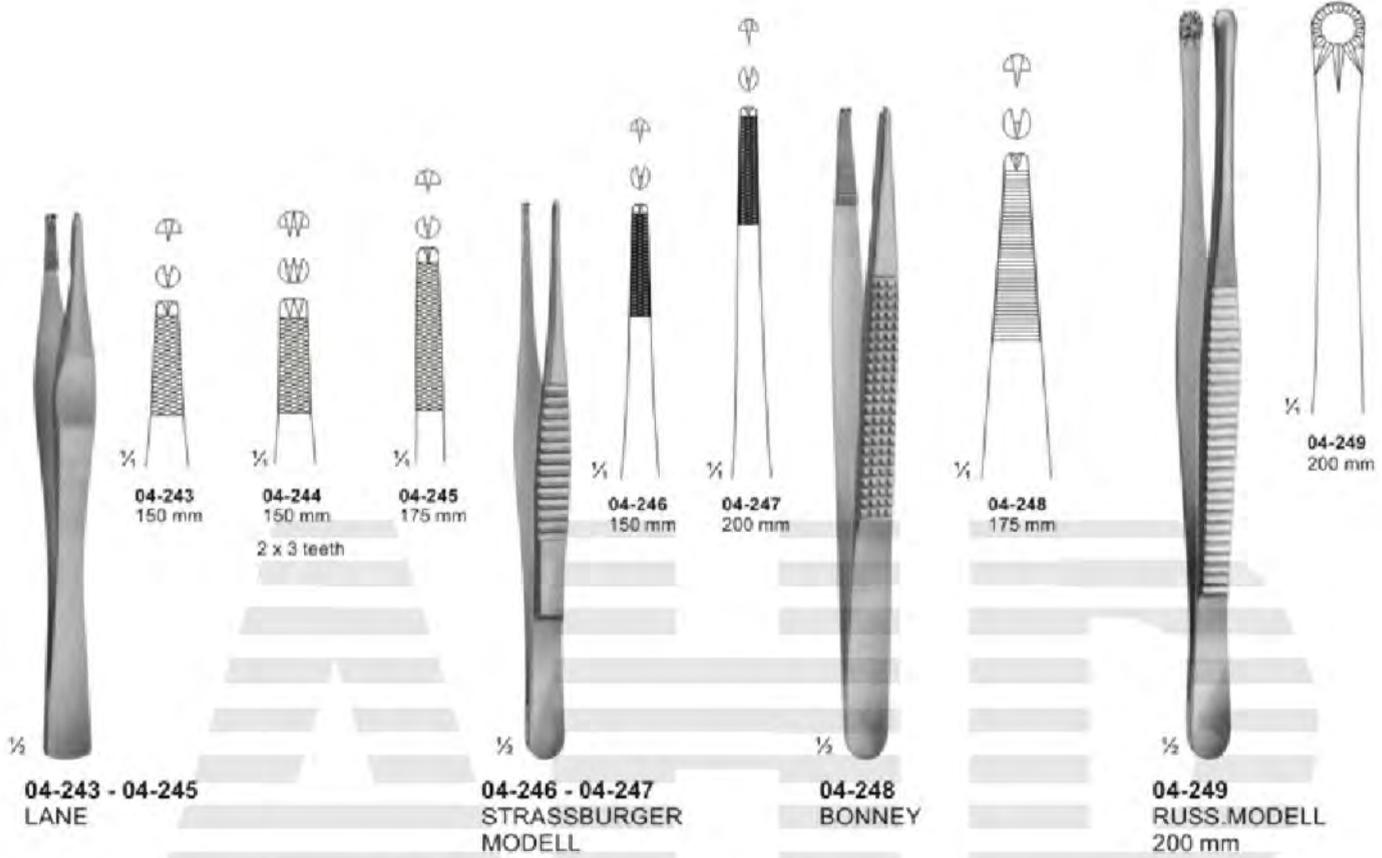


04-242
TROELTSCH
140 mm



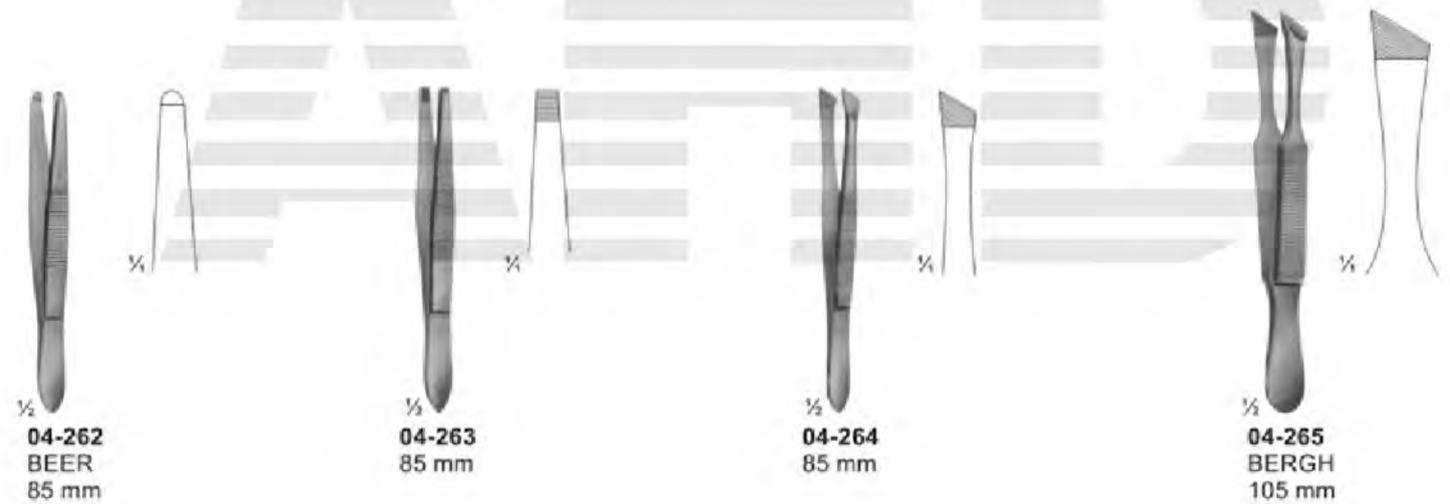


Tissue Forceps, Lung Dissecting Forceps



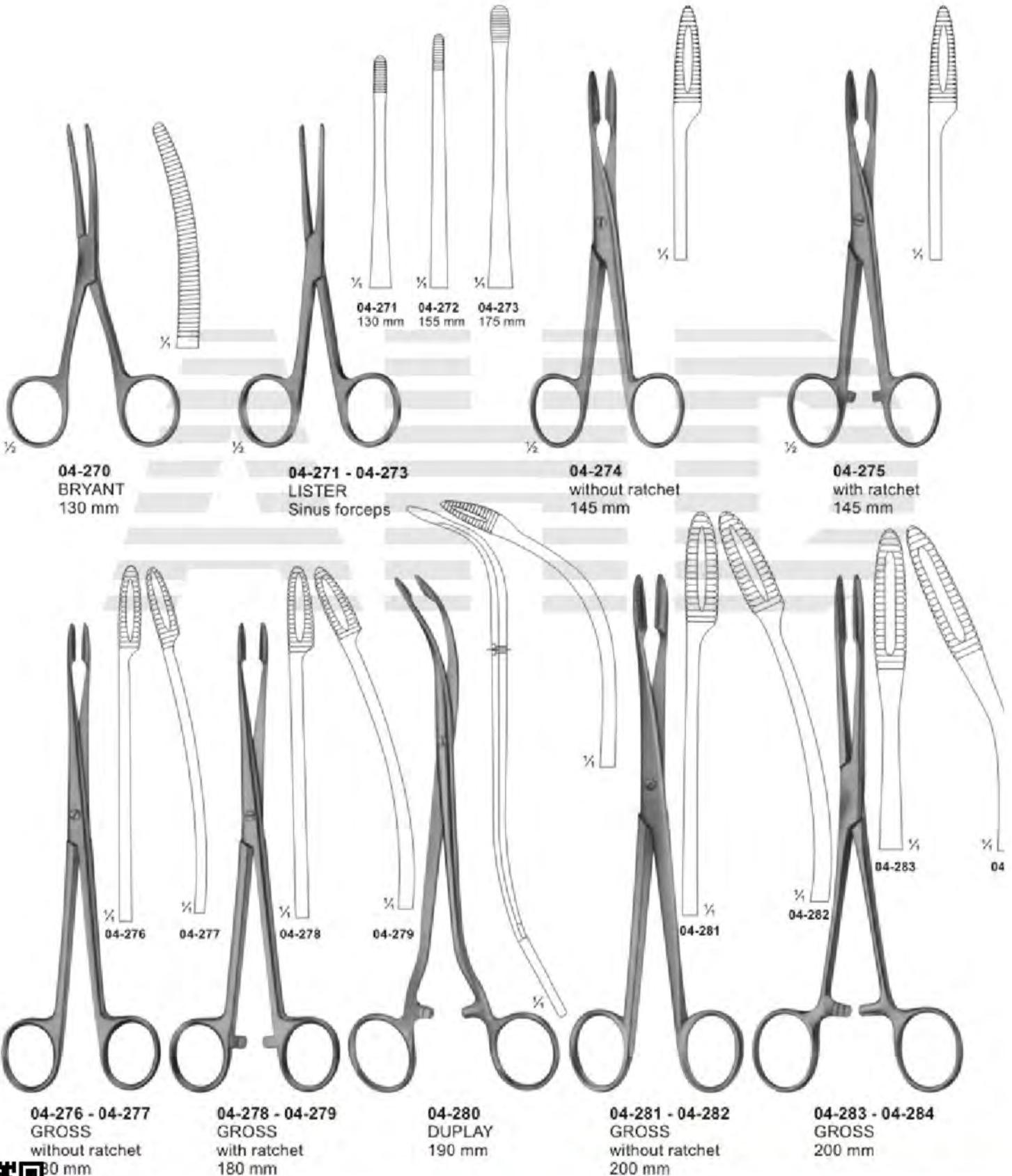


Splinter and Cilia Forceps



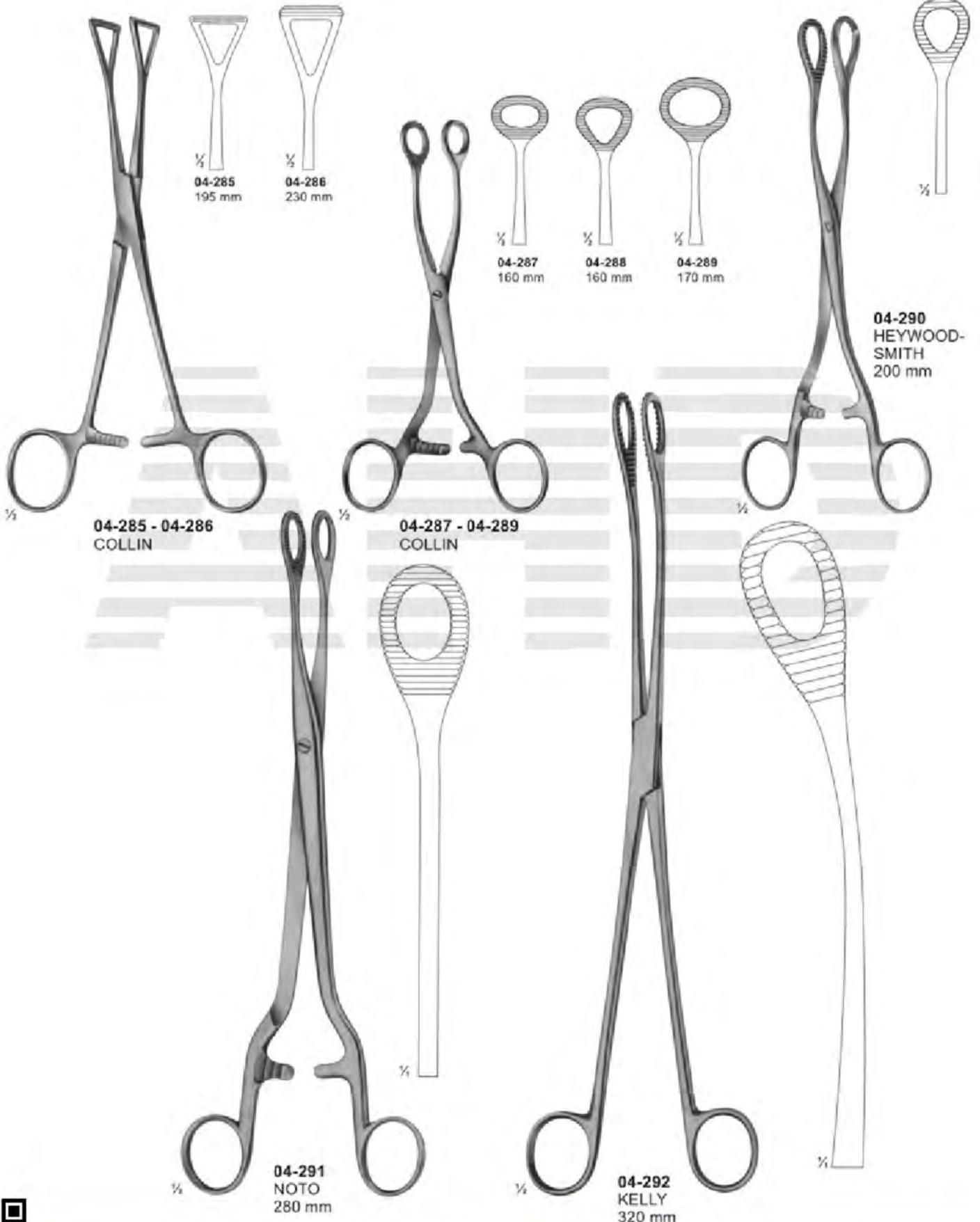


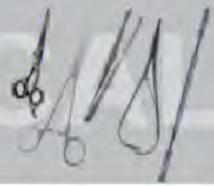
Sponge and Dressing Forceps



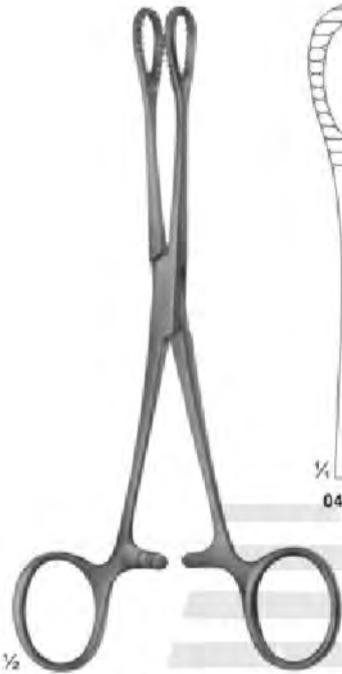


Dressing-, Sponge holding-, Organ- and Tissue Grasping Forceps





Dressing, Sponge holding, Organ and Tissue Grasping Forceps



04-293



04-294

1/2

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



04-295
180 mm



04-296
250 mm

1/2

04-295 - 04-296
RAMPLEY



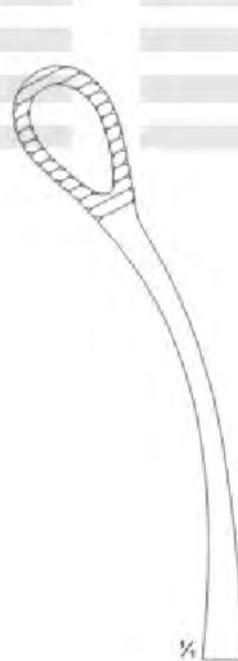
04-297
Smooth Jaws



04-298
Smooth Jaws



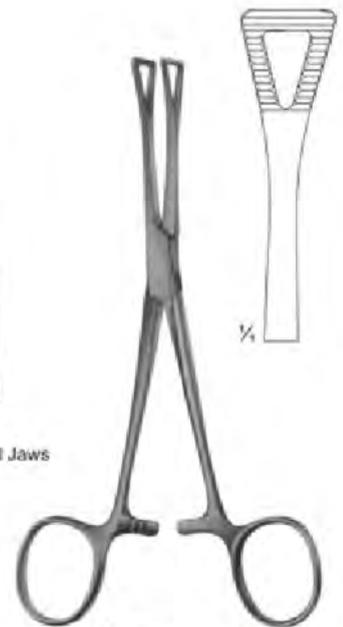
04-299
Serrated Jaws



04-300
Serrated Jaws

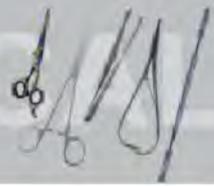
1/2

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

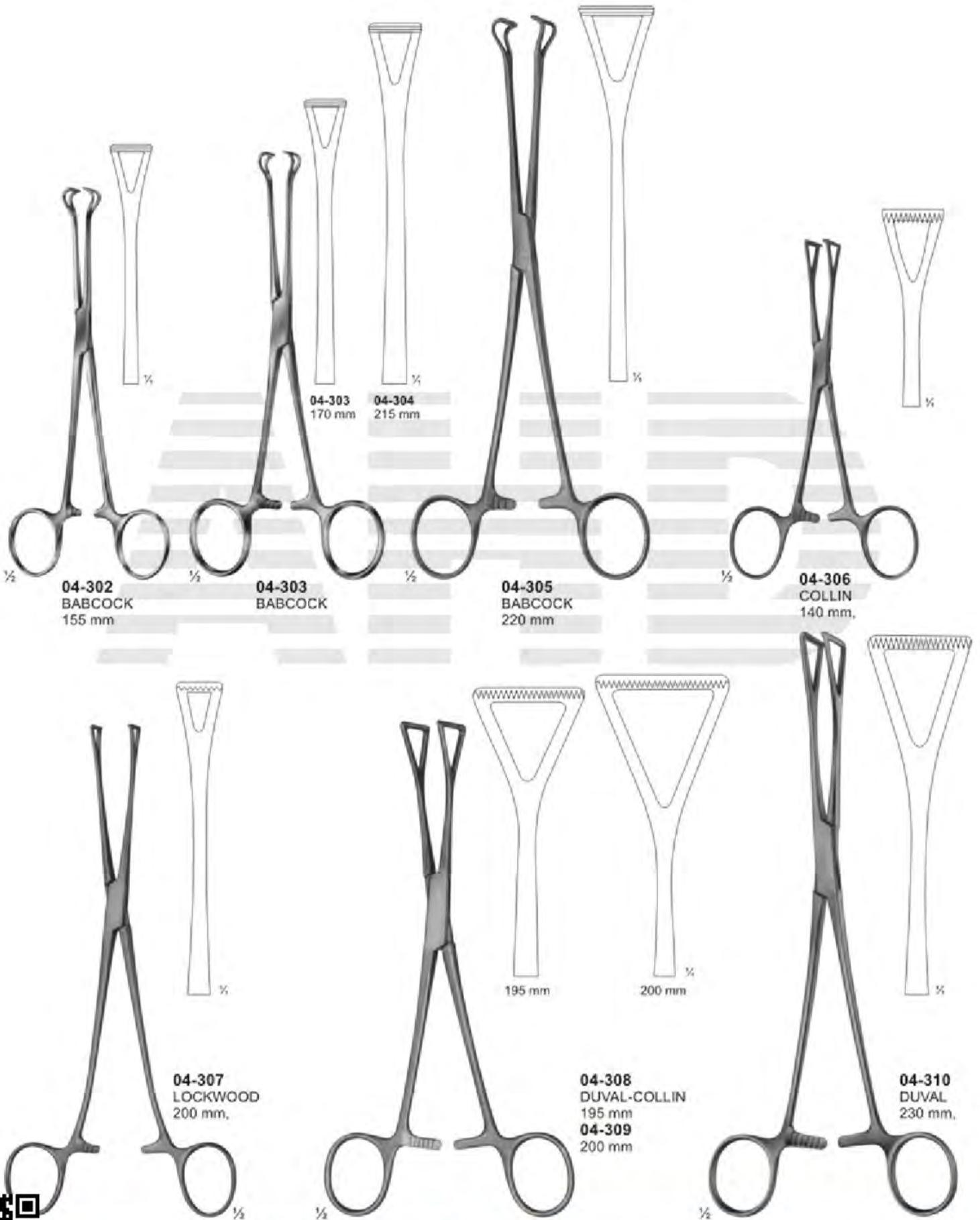


04-301
PENNINGTON
155 mm





Intestinal Grasping Forceps



1/2 **04-302**
BABCOCK
155 mm

1/2 **04-303**
BABCOCK

04-303
170 mm

04-304
215 mm

1/2 **04-305**
BABCOCK
220 mm

1/2 **04-306**
COLLIN
140 mm.

04-307
LOCKWOOD
200 mm.

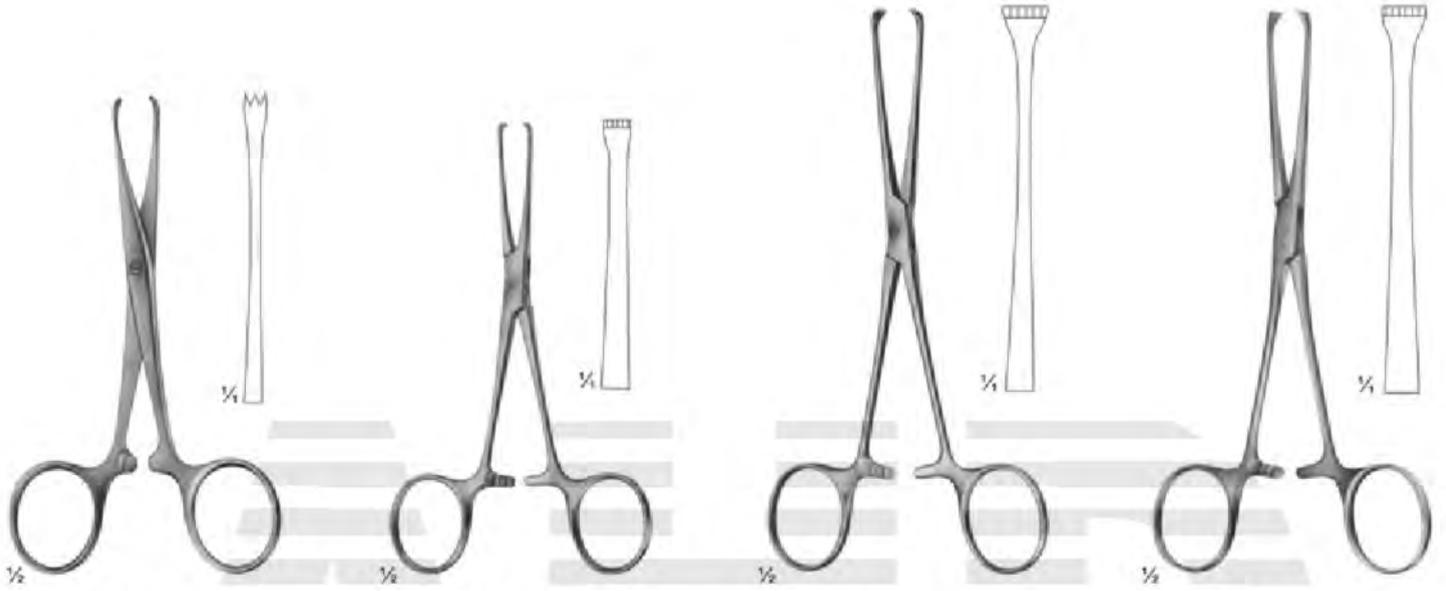
04-308
DUVAL-COLLIN
195 mm
04-309
200 mm

04-310
DUVAL
230 mm.





Artery Traction - and Tissue Grasping Forceps

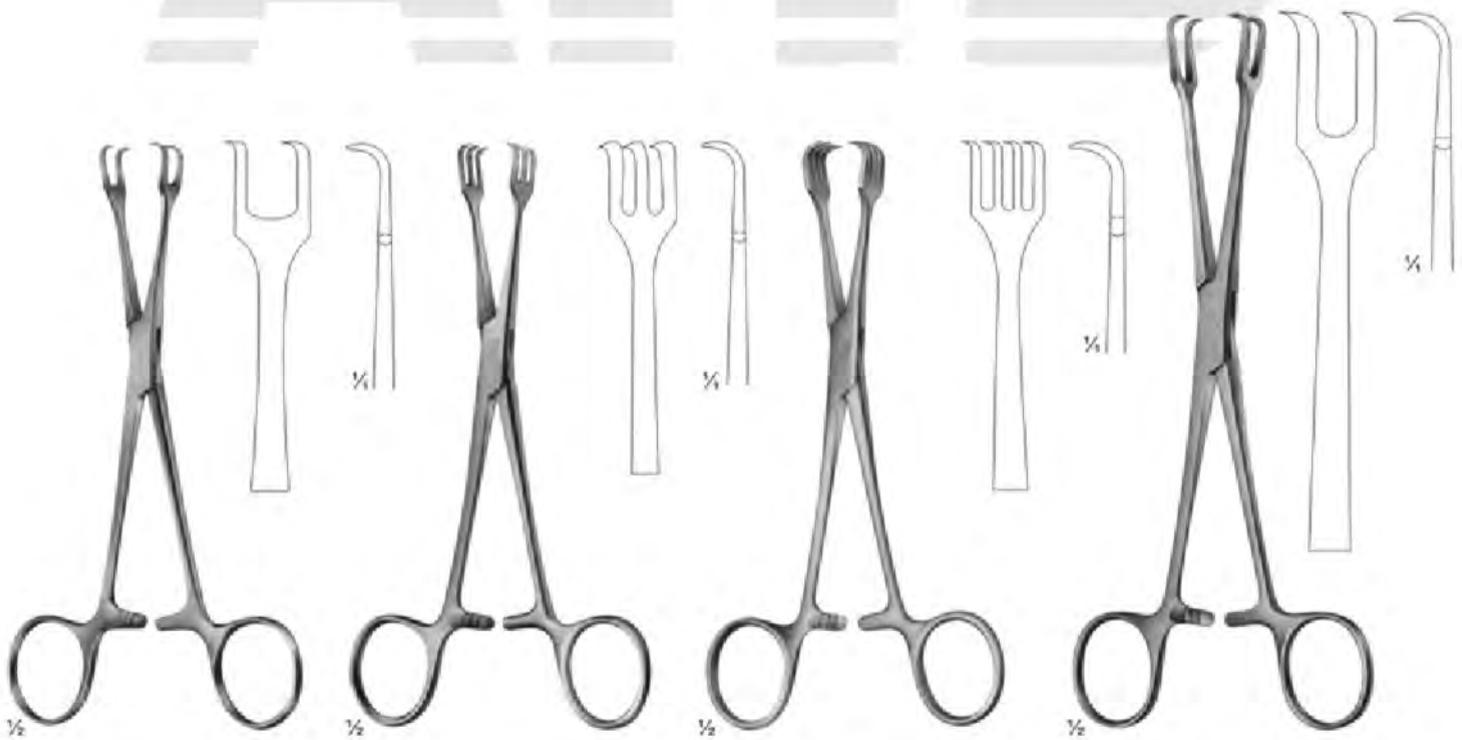


04-311
CHAPUT
2 x 3 teeth
125 mm

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

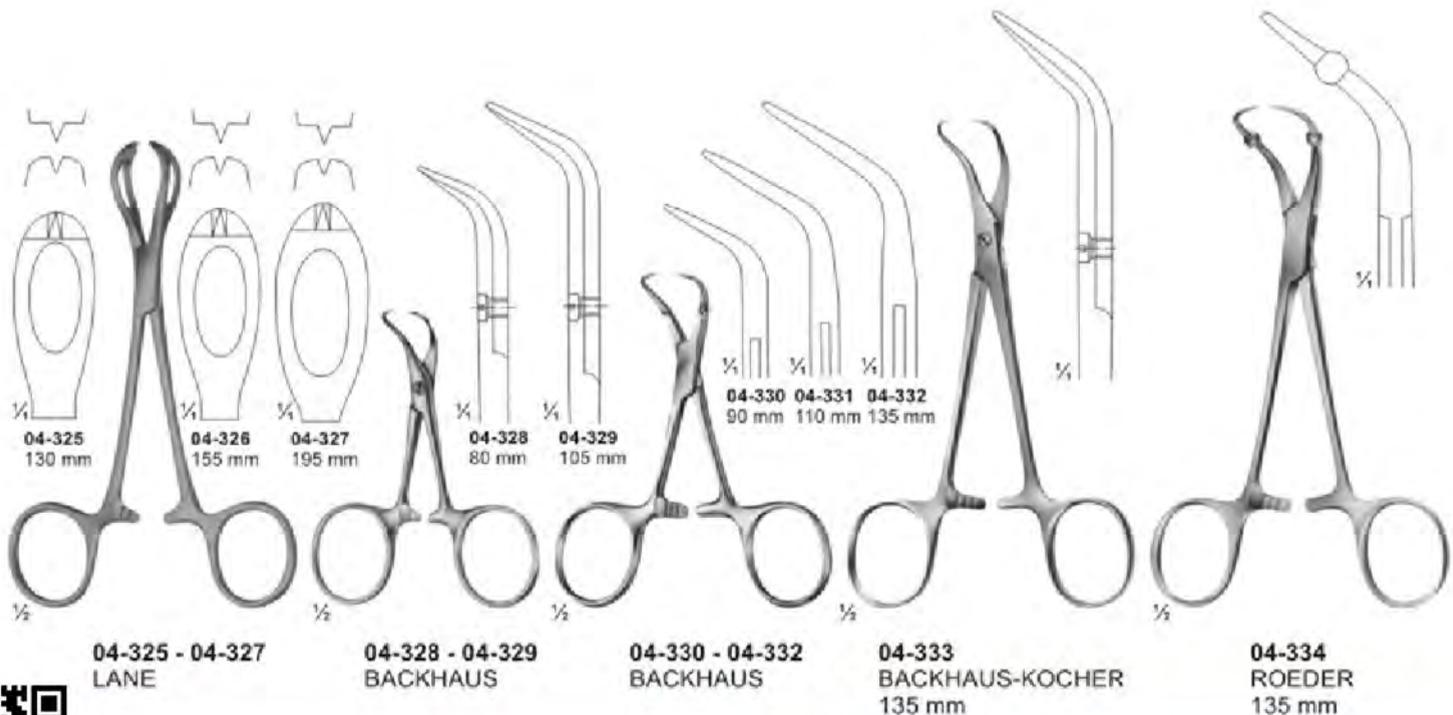
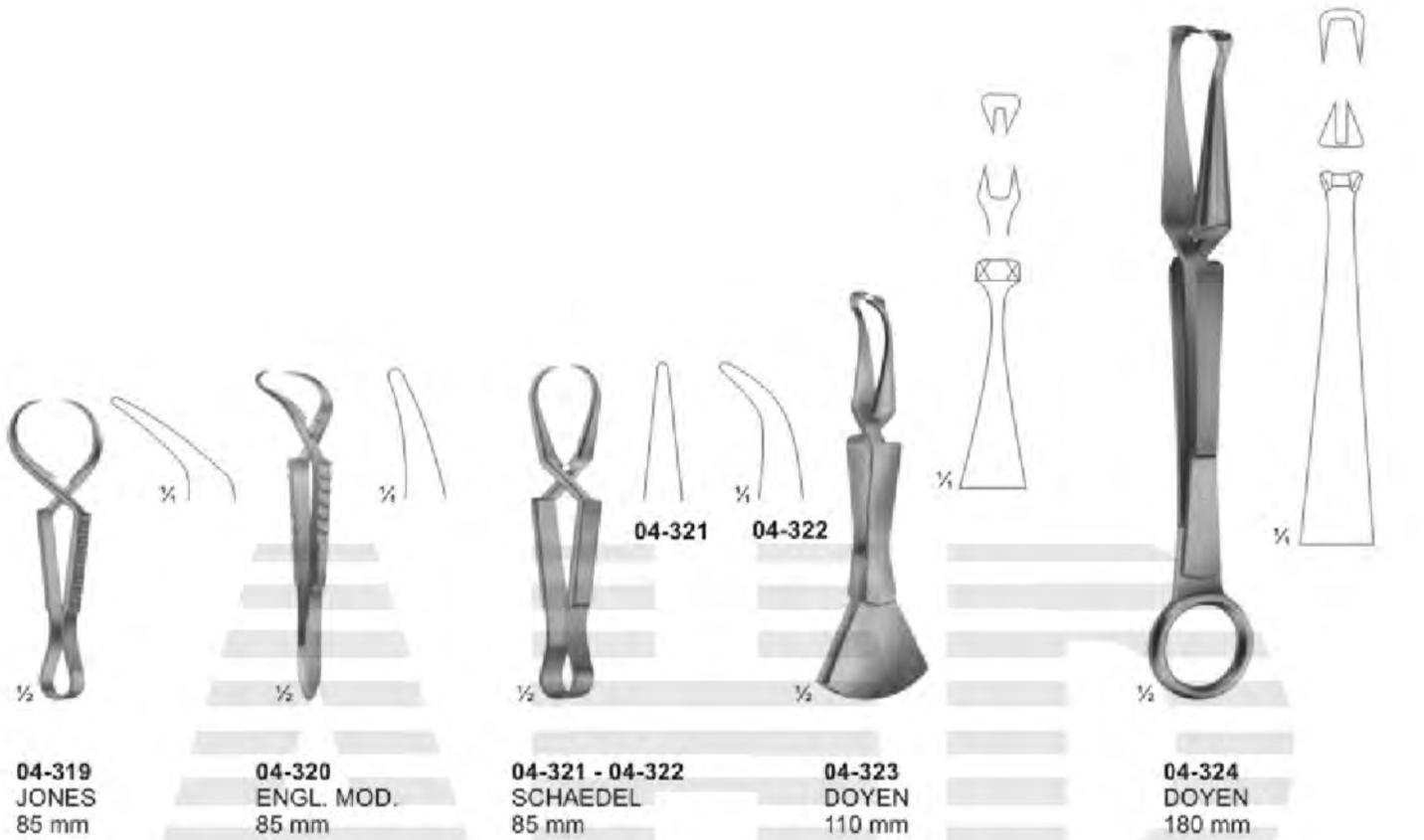
04-317
BRAUN
155 mm

04-318
MUSEUX
200 mm





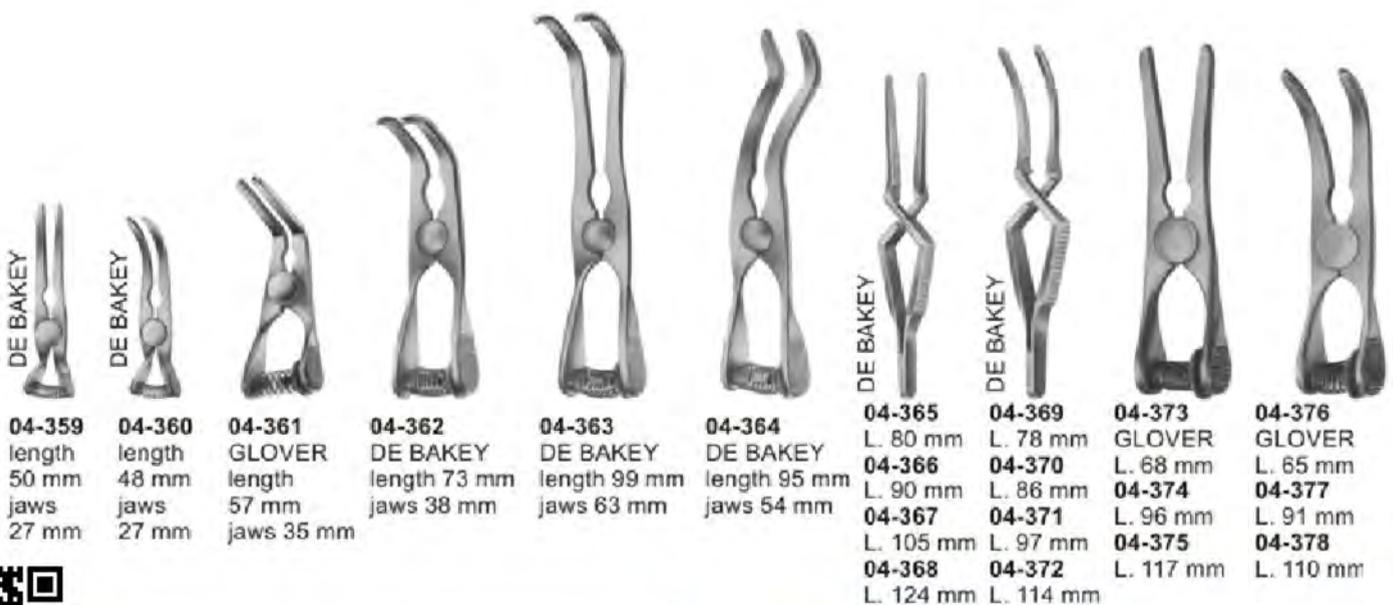
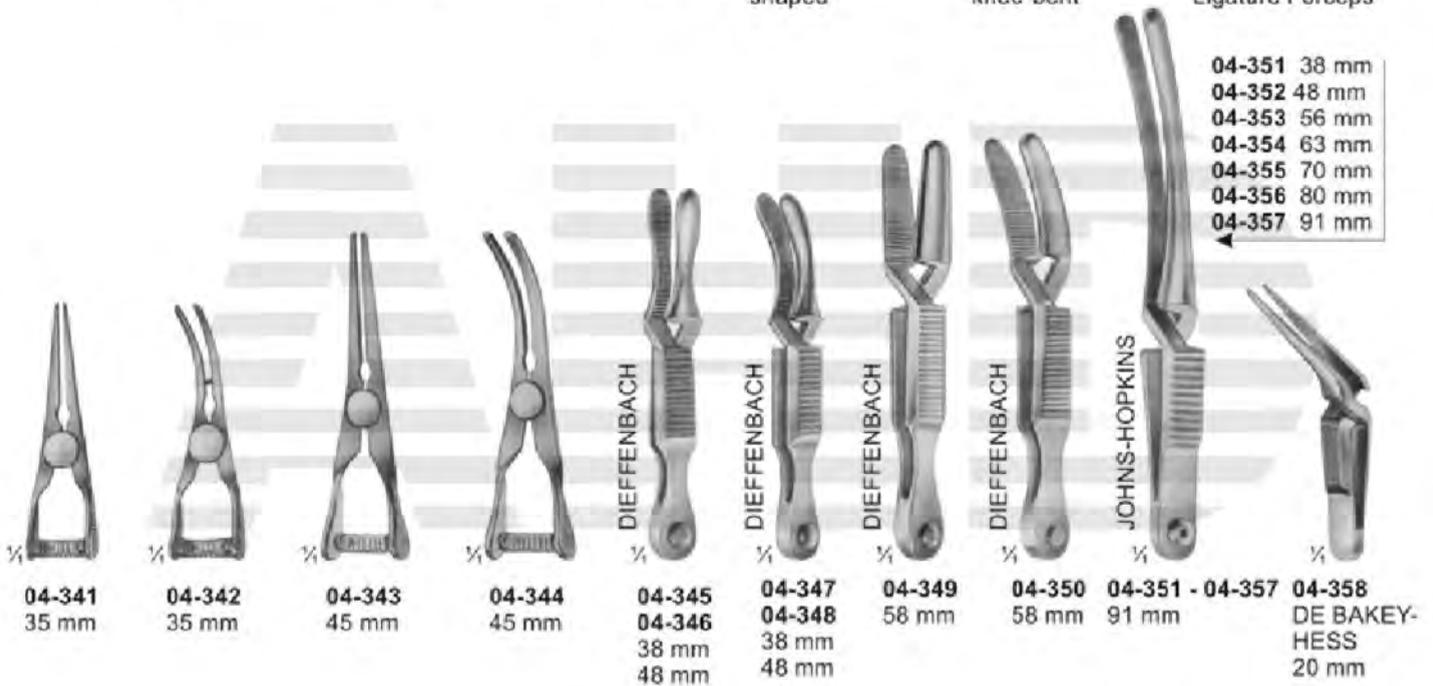
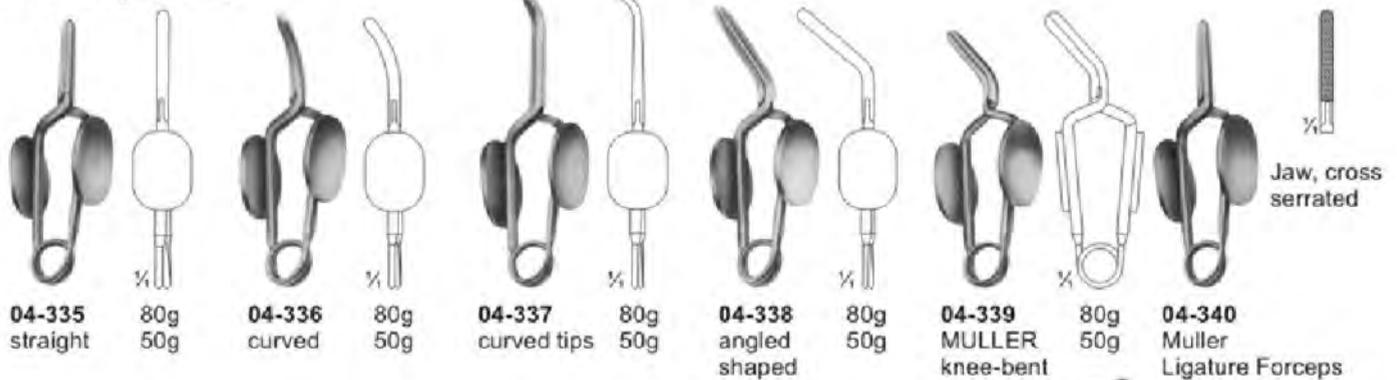
Towel Clamps





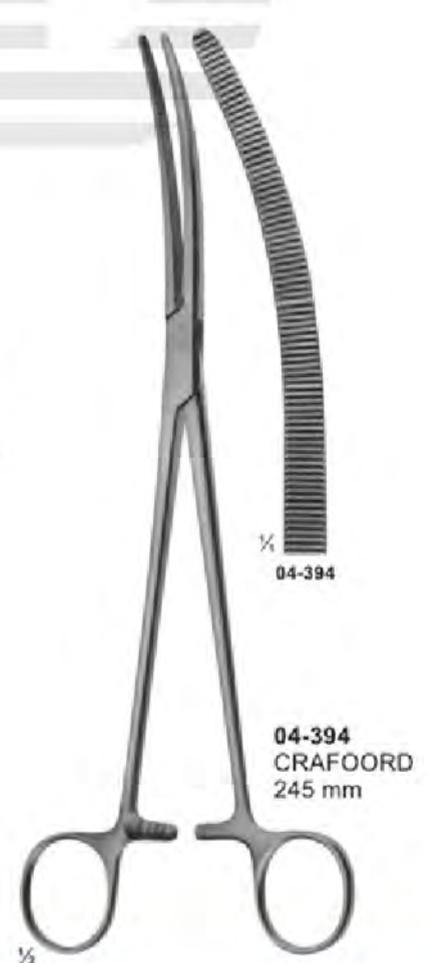
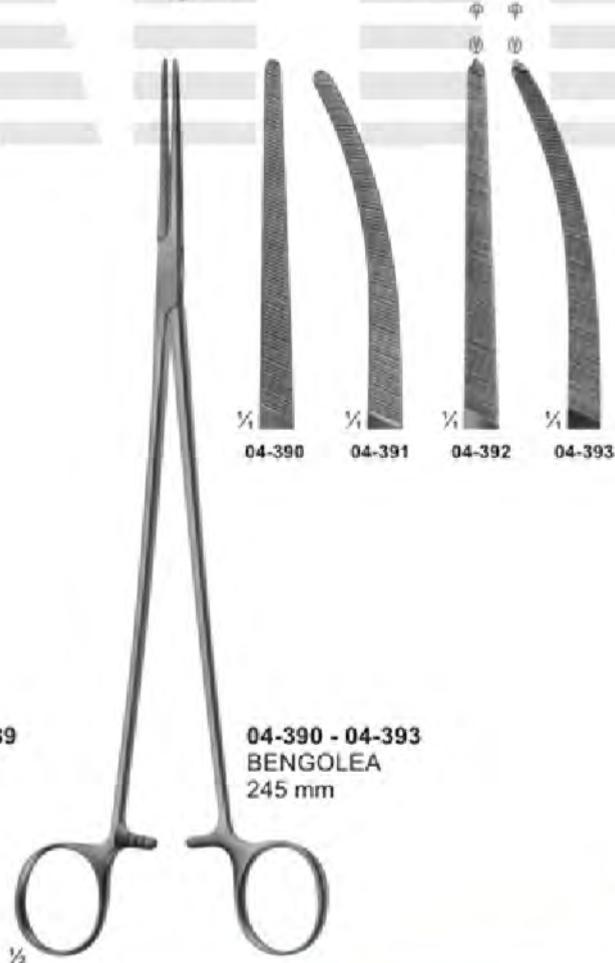
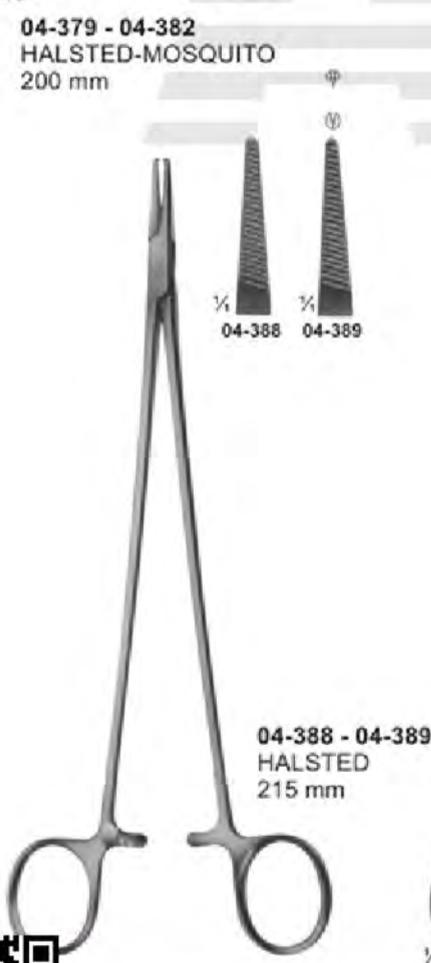
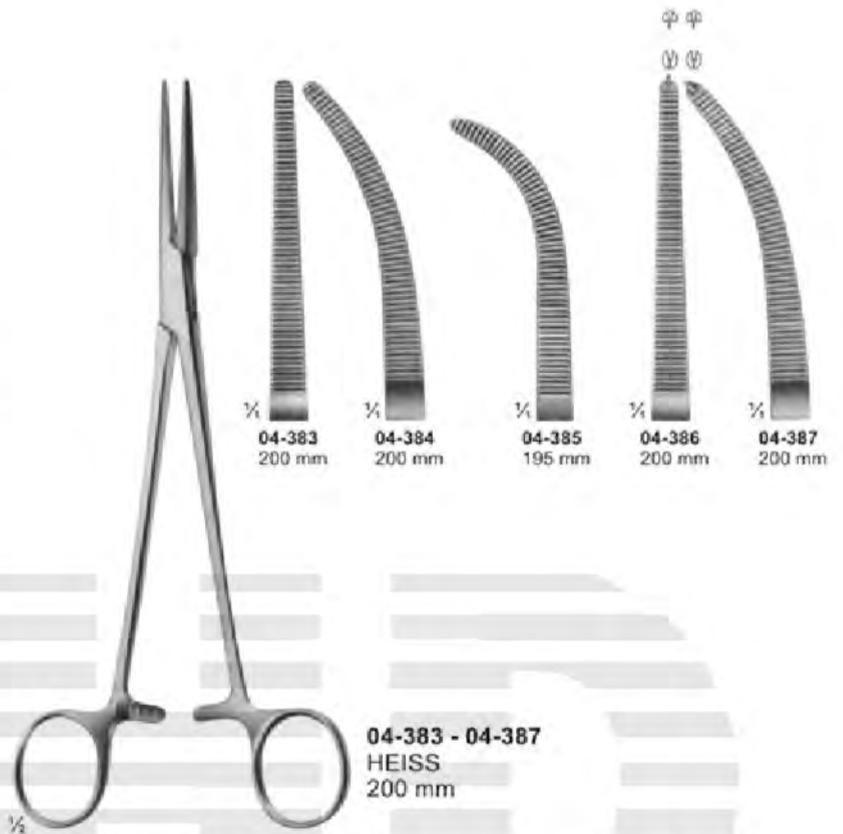
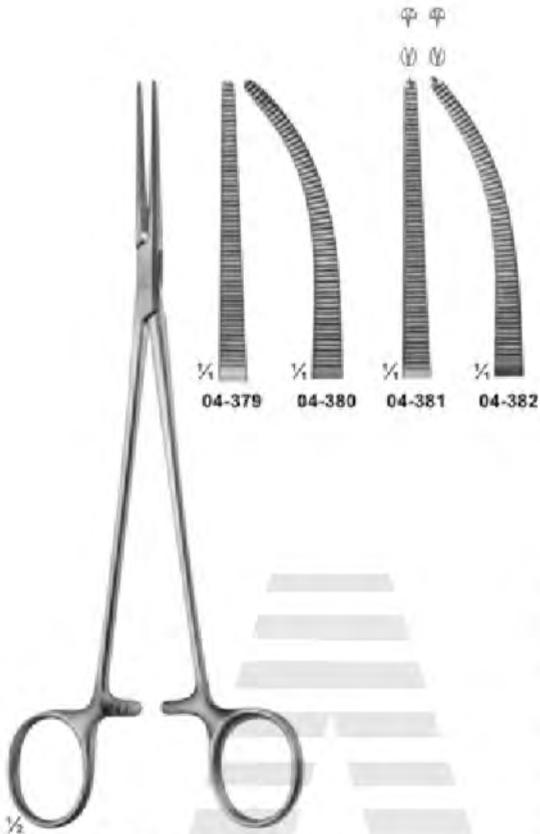
Muller Vessel Clips and Bulldog Clamps

Closing force





Delicate Haemostatic Forceps





Delicate Haemostatic Forceps



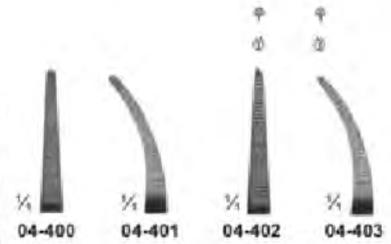
04-395
CARREL
85 mm



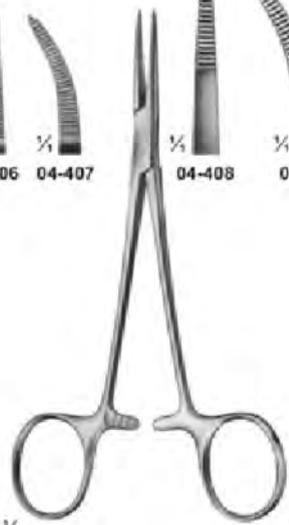
04-396 - 04-399
BABY-MOSQUITO
(HARTMANN)
100 mm



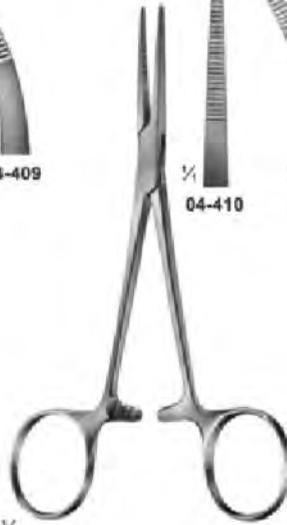
04-400 - 04-403
MICRO-HALSTED
125 mm



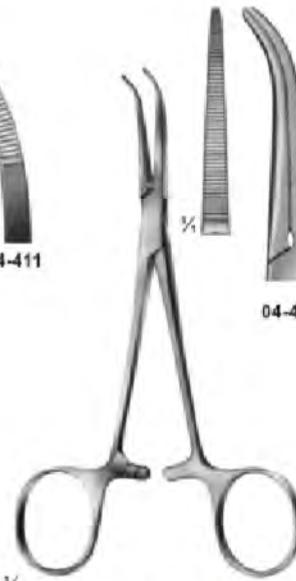
04-404 - 04-407
HALSTED-MOSQUITO
125 mm



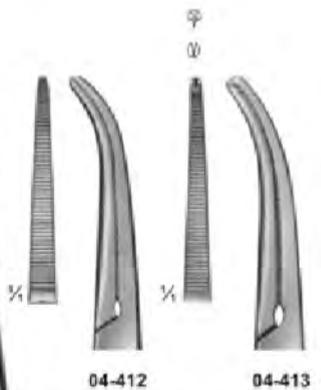
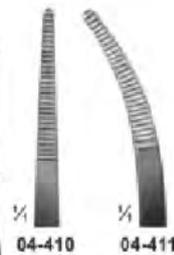
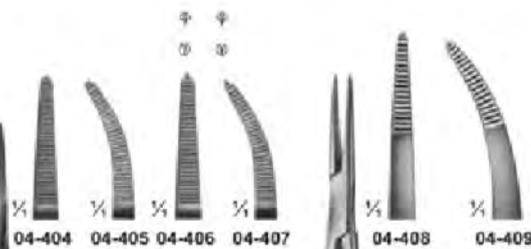
04-408 - 04-409
PROVIDENCE-HOSPITAL
140 mm

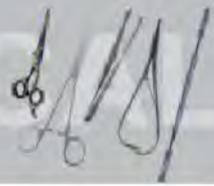


04-410 - 04-411
KELLY
140 mm

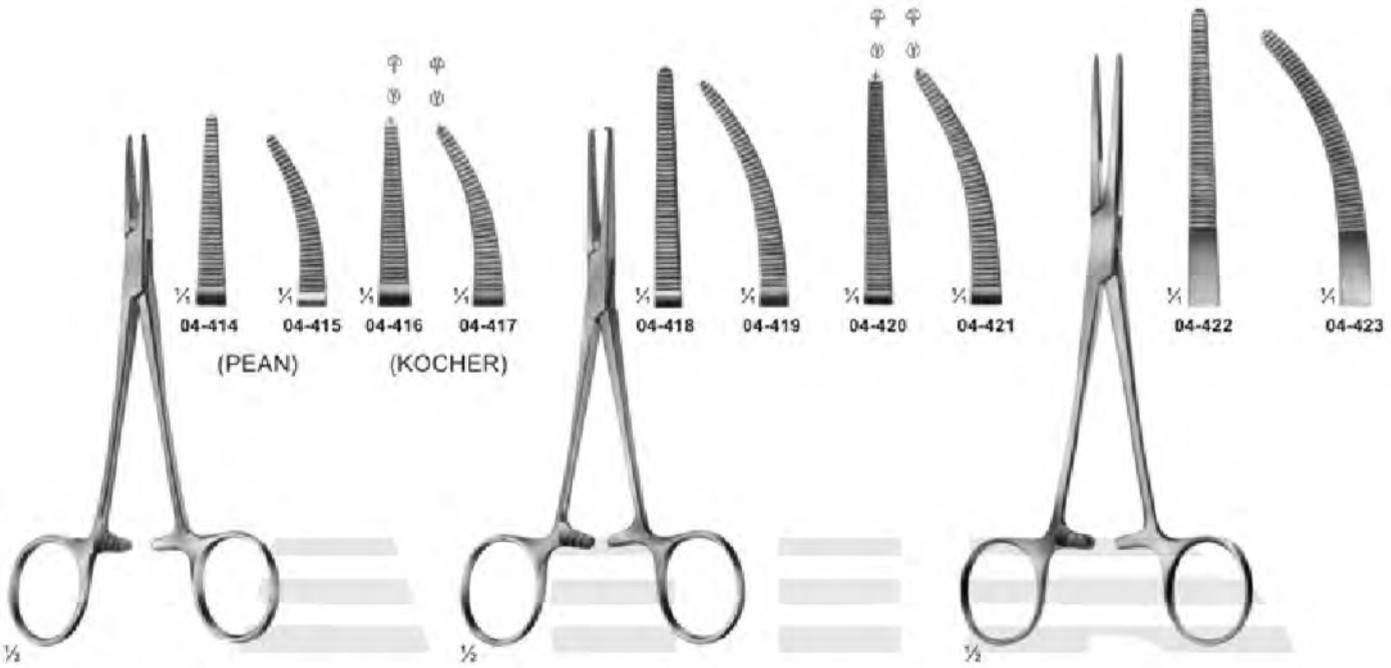


04-412 - 04-413
DANDY
Curved sideways
140 mm





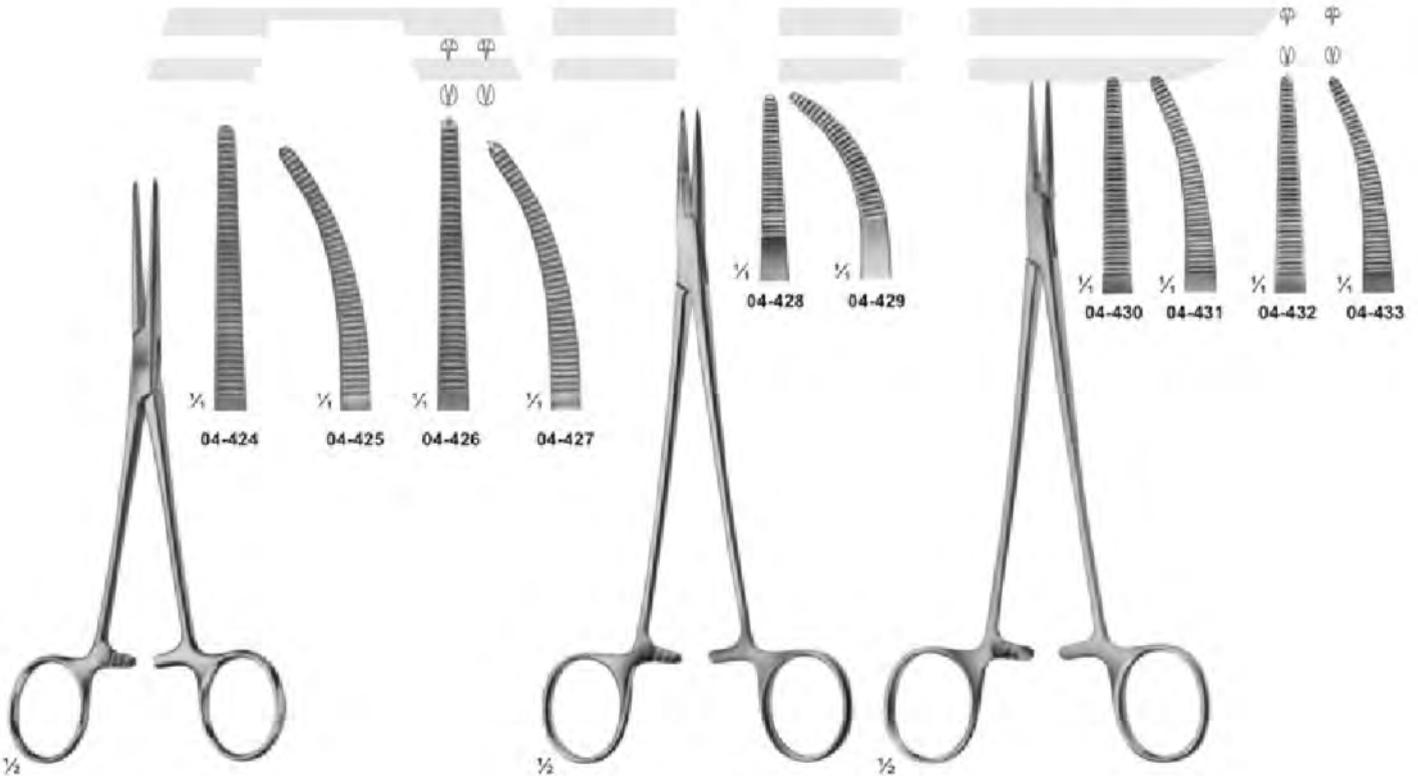
Delicate Haemostatic Forceps



04-414 - 04-417
BABY-CRILE
140 mm

04-418 - 04-421
CRILE
140 mm

04-422 - 04-423
RANKIN
160 mm



04-424 - 04-427
CRILE
160 mm

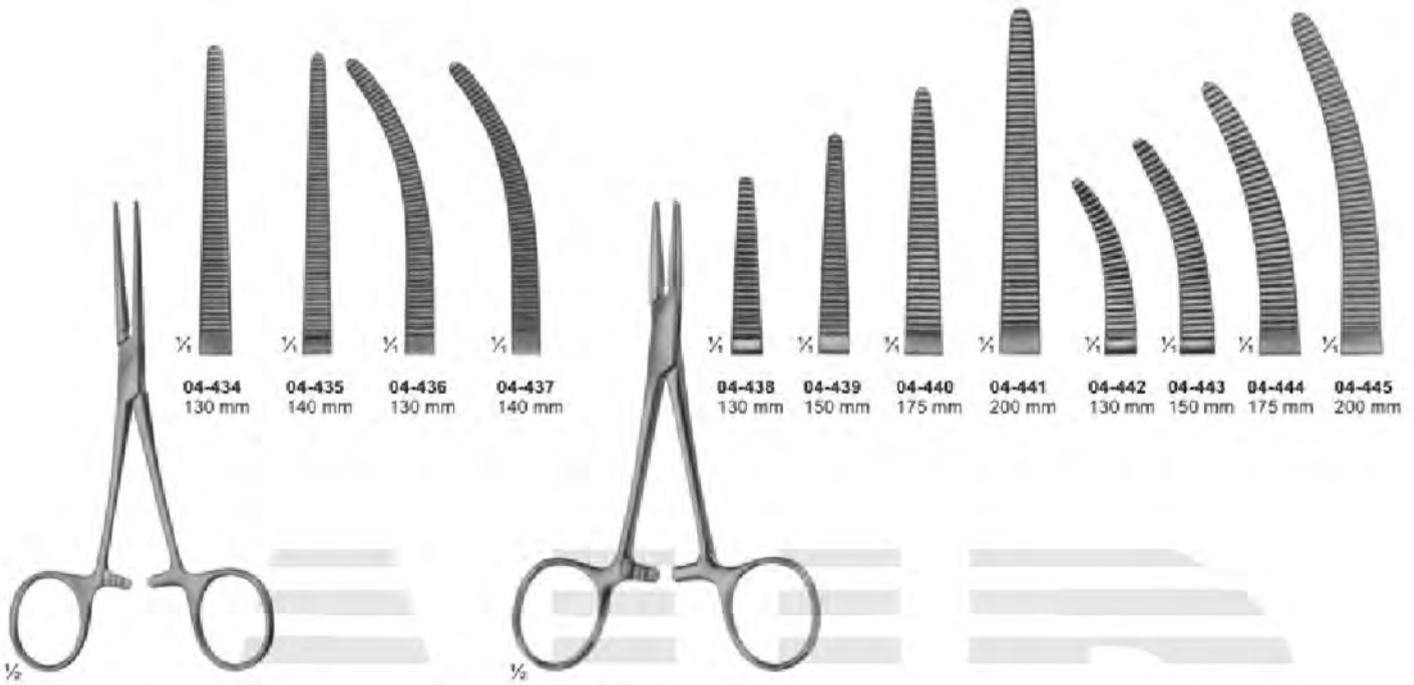
04-428 - 04-429
ADSON
185 mm

04-430 - 04-433
HALSTED
185 mm



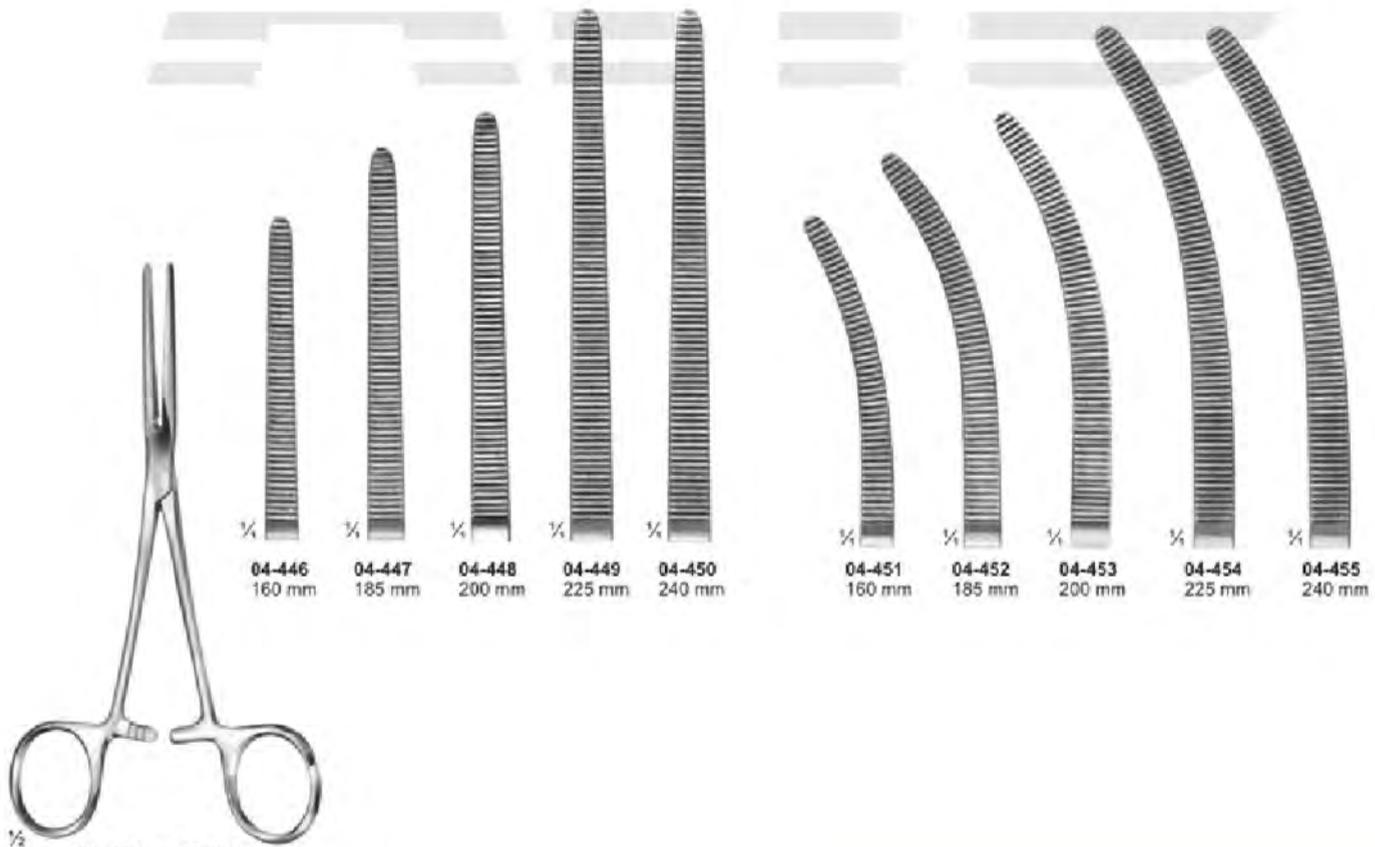


Haemostatic Forceps



04-434 - 04-437
PEAN
Slender type

04-438 - 04-445
SPENCER-WELLS
Slender type



04-446 - 04-455
ROCHESTER-PEAN

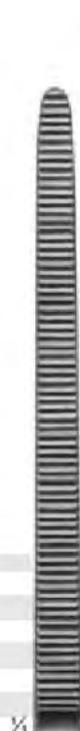




Haemostatic Forceps



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



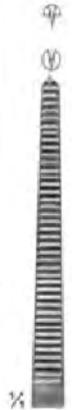
04-462
KOCHER
Strong Pattern
145 mm



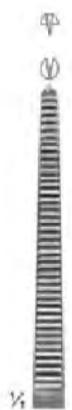
04-462



04-463 - 04-465
KOCHER



04-463
130 mm



04-464
140 mm



04-465
140 mm



04-466 - 04-467
ROCHESTER-OCHSNER
140 mm



04-466

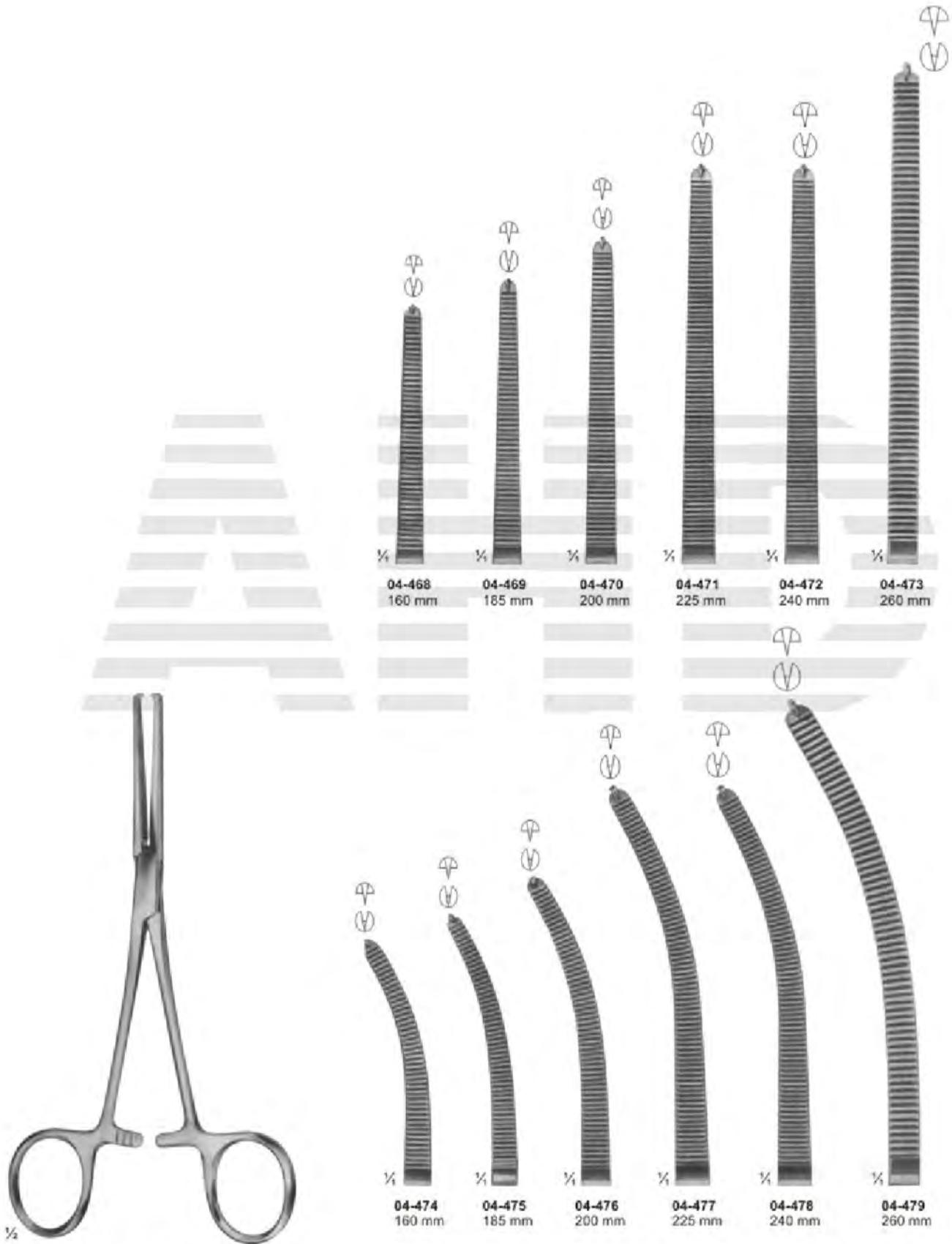


04-467





Haemostatic Forceps

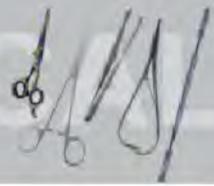


04-468 160 mm 04-469 185 mm 04-470 200 mm 04-471 225 mm 04-472 240 mm 04-473 260 mm

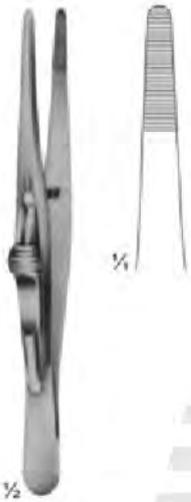
04-474 160 mm 04-475 185 mm 04-476 200 mm 04-477 225 mm 04-478 240 mm 04-479 260 mm

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

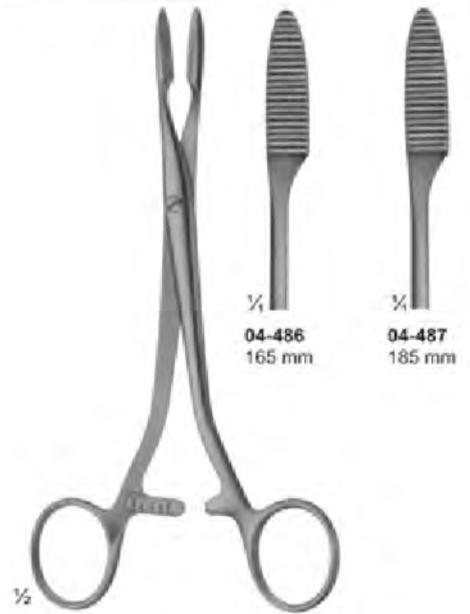


04-484
140 mm

04-483 - 04-484
PEAN



04-485
PEAN
125 mm

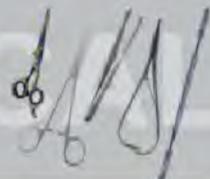


04-486
165 mm

04-487
185 mm

04-486 - 04-487
PEAN





Haemostatic Forceps, Special Pattern, Tonsil Forceps



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





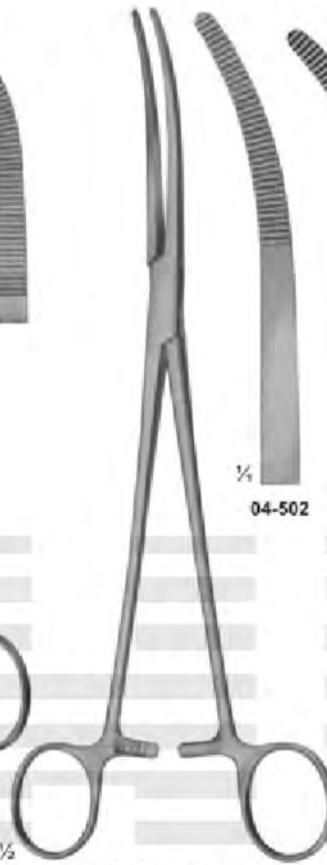
Dissecting- and Ligature Forceps



04-500
MIXTER-O'SHAUGHNESSY
190 mm



04-501
HEISS
195 mm



04-502 - 04-506
RUMEL
240 mm



04-502



04-503



04-504



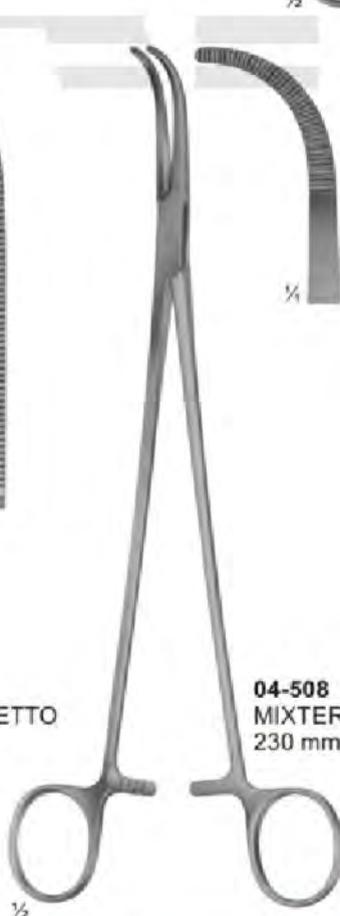
04-505



04-506



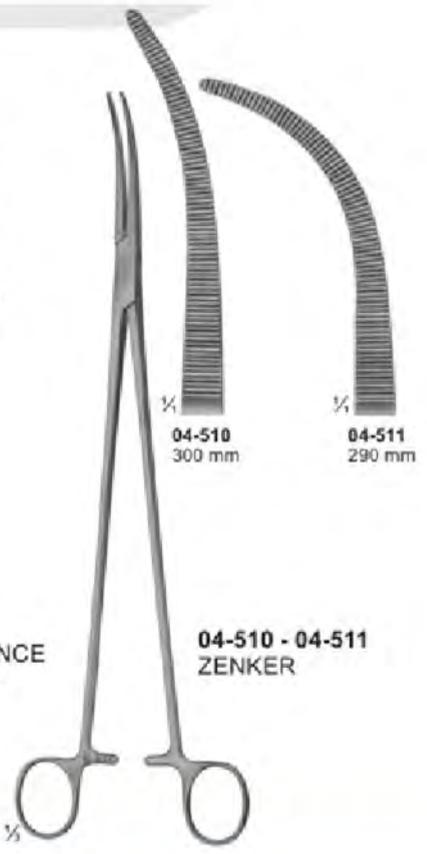
04-507
FINOCHIETTO
245 mm



04-508
MIXTER
230 mm



04-509
LAWRENCE
270 mm

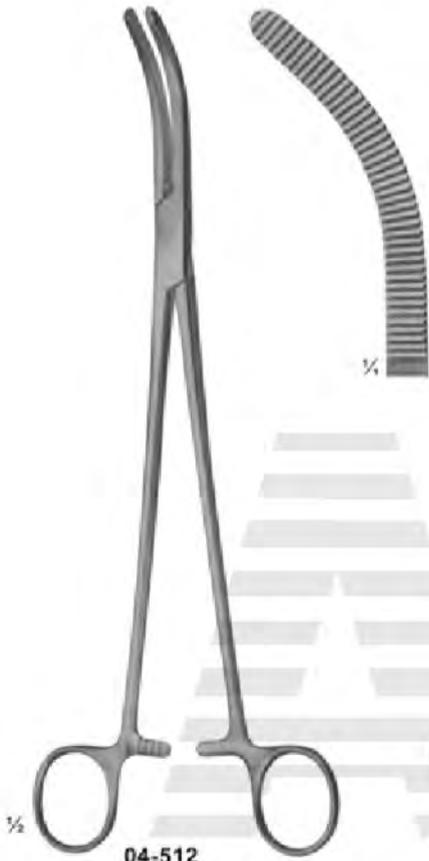


04-510 - 04-511
ZENKER

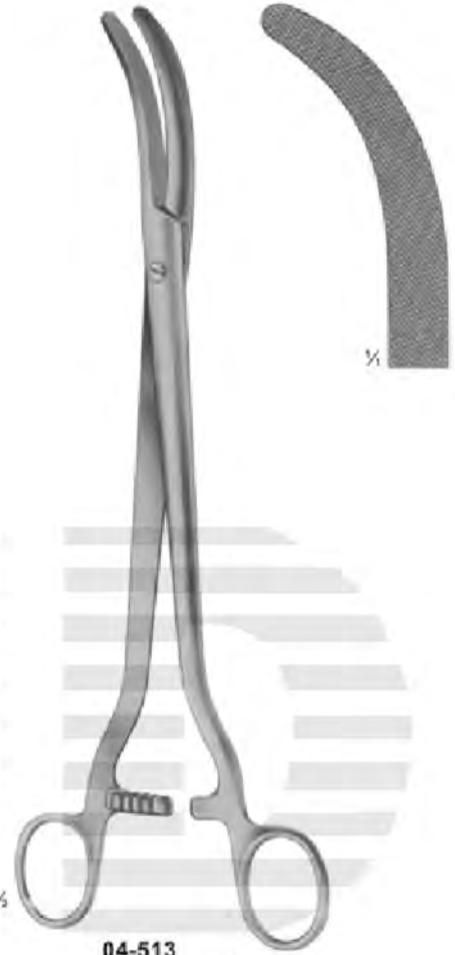




Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



04-512
WERTHEIM
Hysterectomy forceps
255 mm



04-513
WERTHEIM
Parametrium clamp
260 mm



04-514 - 04-516
DICK



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





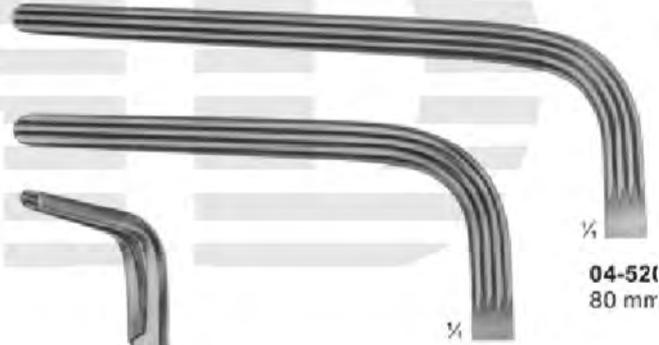
Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



04-517
WERTHEIM
250 mm

¼

¼



04-520
80 mm

¼

04-519
60 mm

¼



04-518
WERTHEIM-CULLEN
215 mm



04-519 - 04-520
230 mm

¼





Needle Holders for micro surgery



05-101
ROHRSCHEIDER
with copper inserts
100 mm



05-102
KALT
with catch
135 mm



05-103
ARRUGA
with catch
135 mm



05-104 - 105
CASTROVIEJO
with catch
145 mm



05-106 - 107
without Catch
160 mm



05-108 - 109
without catch
185 mm



05-110 - 111
JACOBSON
185 mm



05-112
without catch
195 mm

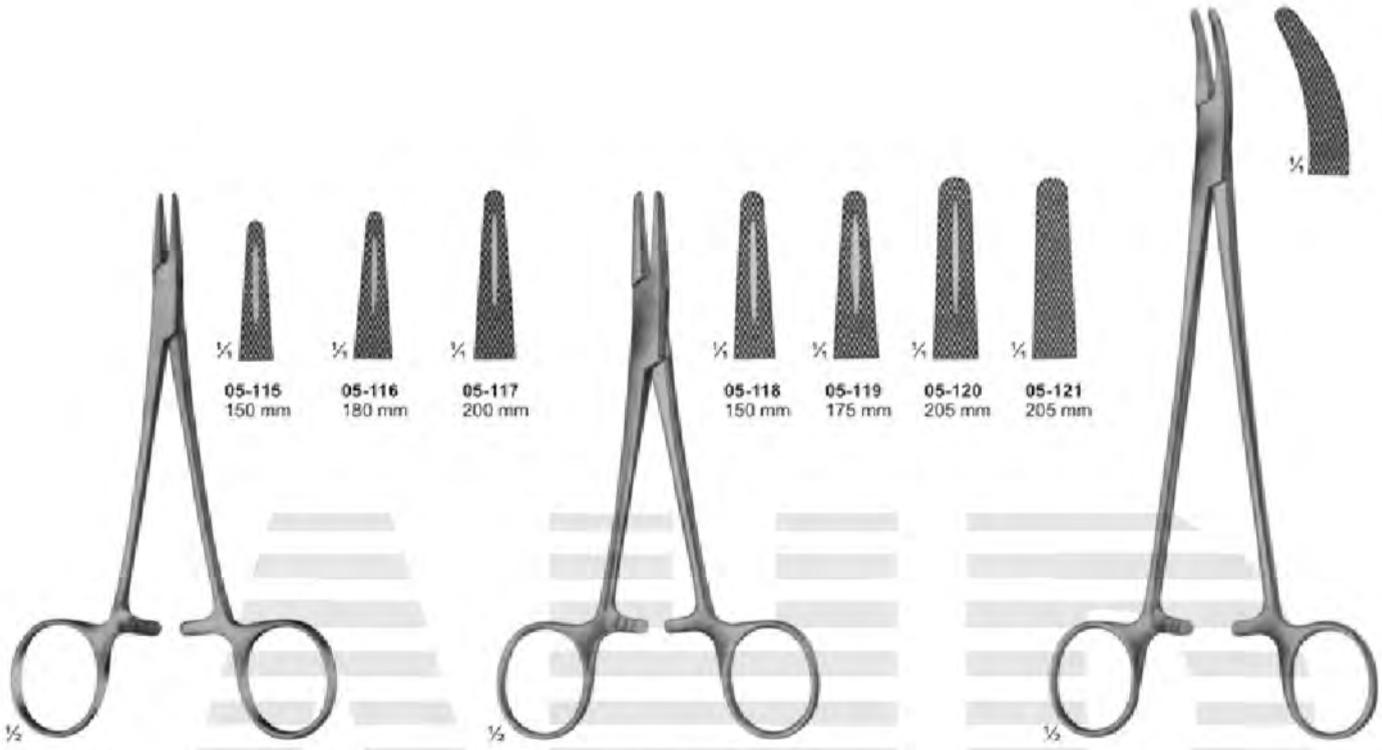


05-113 - 114
YASARGIL
with catch
200 mm





Needle Holders



05-115 - 117
MAYO-HEGAR
medium fine patterns

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

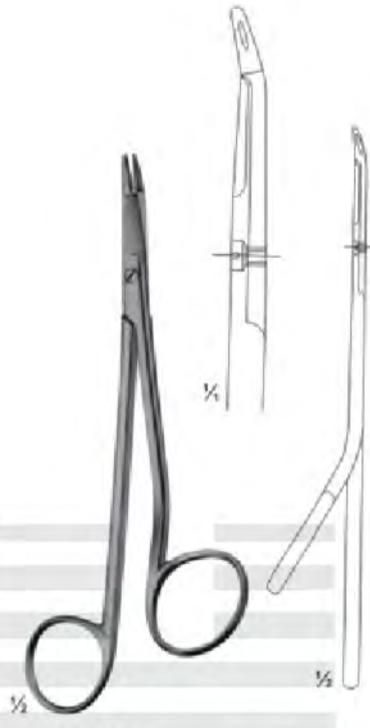




Needle Holders



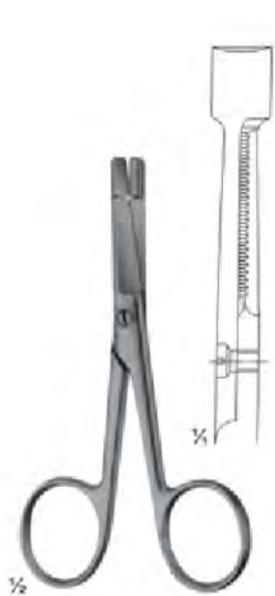
05-127 - 128
HEGAR-OLSEN
255 mm



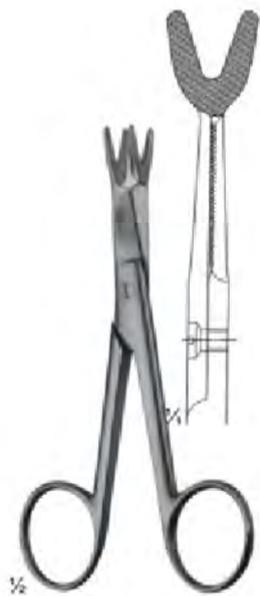
05-129
GILLIES
150 mm



05-130
GILLIES
160 mm



05-131
EISELSBERG
115 mm



05-132
SCHOEMAKER-LOTH
125 mm



05-133
CRILE
150 mm

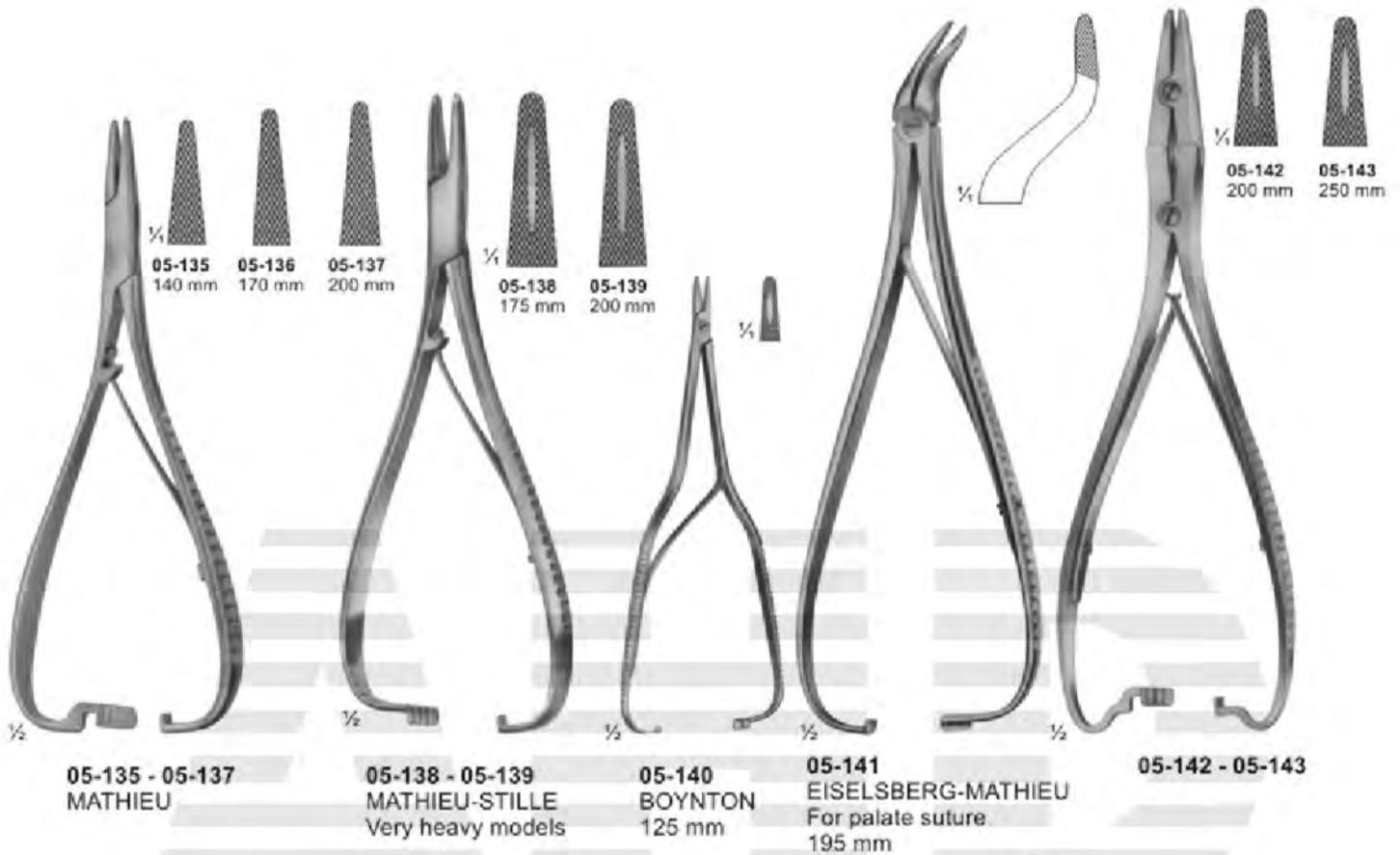


05-134
TOENNIS
Elastic pattern for dura-or
intestinal suture. 180 mm



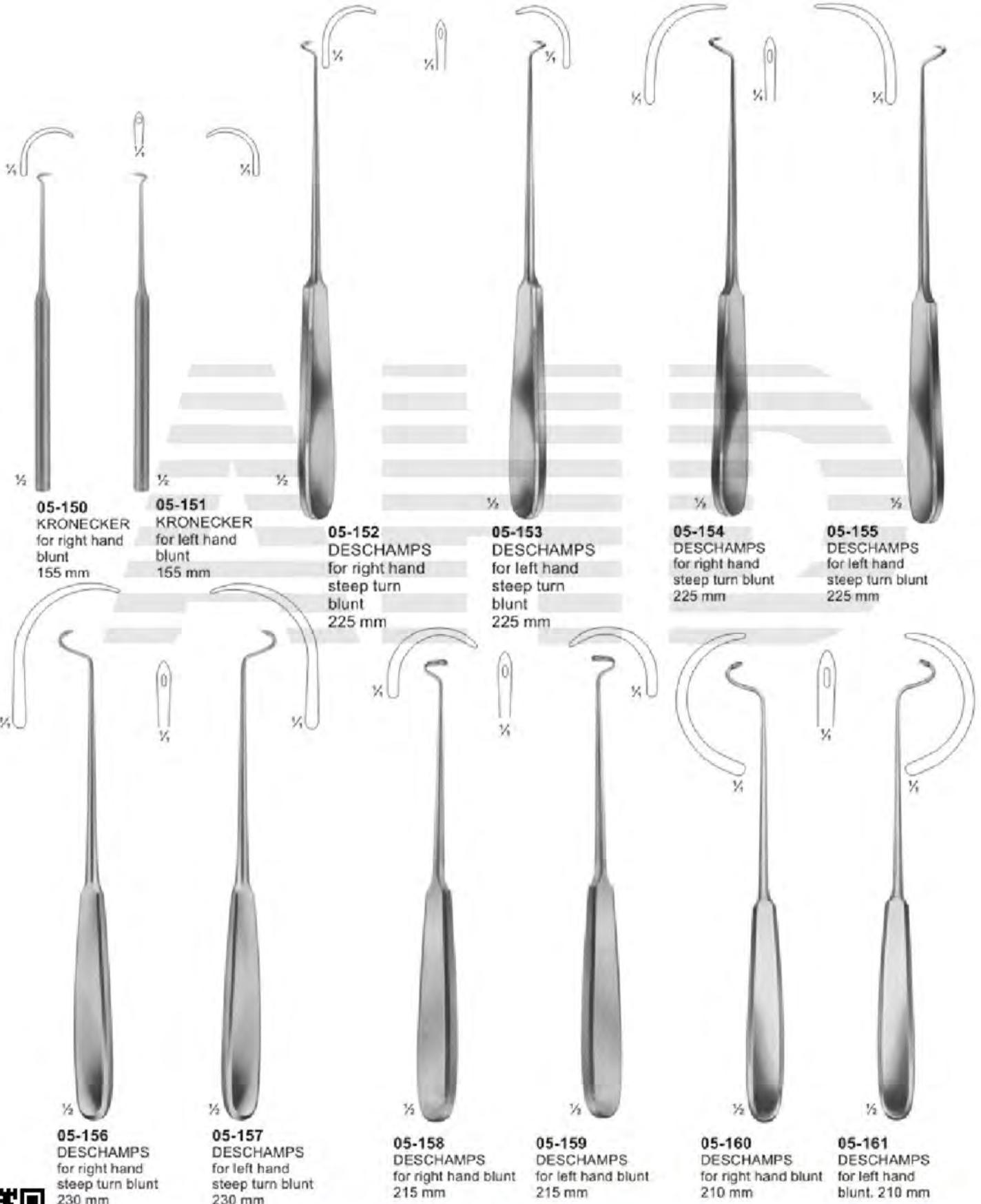


Needle Holders





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

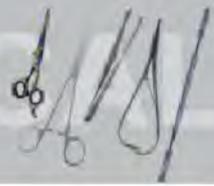
05-158
DESCHAMPS
for right hand blunt
215 mm

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



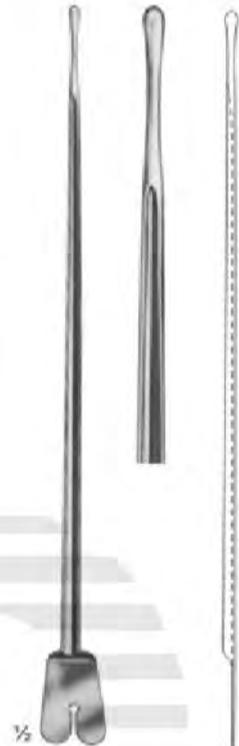
05-165
DOYEN
145 mm
Directors



05-166
NELATON
160 mm
Directors



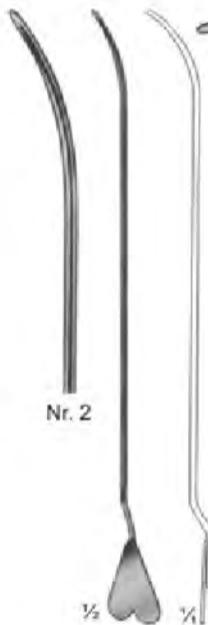
05-167
Director with tip
Diam. Of tip 3,3 mm
140 mm



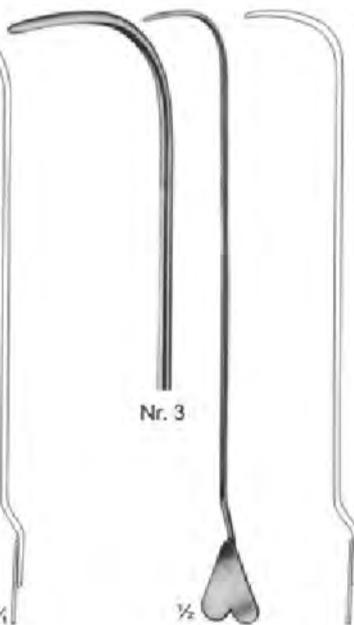
05-168
BRODIE
Director with tip,
Diam. Of tip 3,5 mm
200 mm



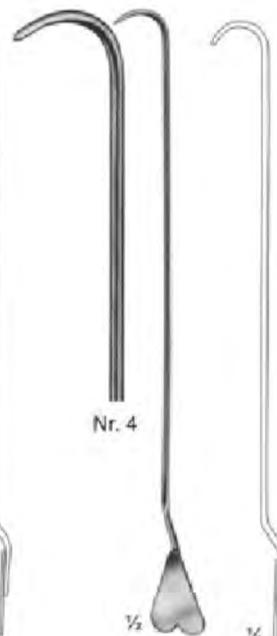
05-169
LOCKHART-MUMMERY
165 mm



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



1/2

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

1,5 mm



1/5

05-177
Myrtle leaf probe
145 mm

2,0 mm



1/5

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



1/2

05-183
Probes



1/2

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



1/4

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



1/2

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

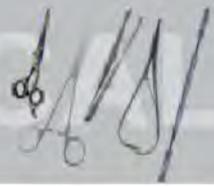
1 MAYO-HEGER needle holder, 150mm
1 MICHEL clip forceps, combined
1 Myrtle leaf probe, 130mm
1 Sharp double curette
1 Skin hook
1 Detachable scalpel handle, no. 4
1 Perforated metal case, consisting
6 Scalpel blades
1 Perforated metal case, stainless, consisting:
1 Suture needle
& 1 item



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

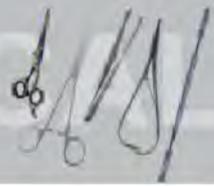




Fine Wound Retractors (Dura- and Skin Retractors)

| | | | | | | | | |
|--|--|---|--|---|----------------------------------|-----------------------------------|------------------------------------|---------------------------------------|
| 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 | 06-121 - 122 GILLIES 180 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
15 x 6 mm

06-135
20 x 6 mm

06-136
25 x 6 mm

06-137
30 x 8 mm

06-138
12 x 12 mm

06-139
12 x 14 mm

06-140
14 x 16 mm

06-134 - 137
LANGENBECK-
MANNERFELT modif.

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



06-145
9 x 12 mm



06-146
11 x 14 mm



06-147
12 x 16 mm



06-148
13 x 18 mm



06-149
13 x 13 mm



06-150
12 x 16 mm



06-151
10 x 10 mm



06-152
20 x 12 mm



06-153
20 x 15 mm



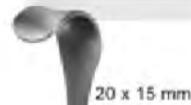
06-154
13 x 6 mm



06-155
10 x 13 mm



06-156
14 x 18 mm



20 x 15 mm



20 x 19 mm



06-158
11 x 14 mm



06-159
13 x 18 mm



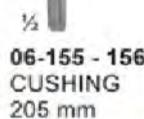
06-160
15 x 22 mm



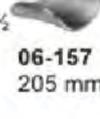
06-152 - 153
CUSHING
15 mm



06-154
SCHOENBORN
200 mm



06-155 - 156
CUSHING
205 mm



06-157
205 mm

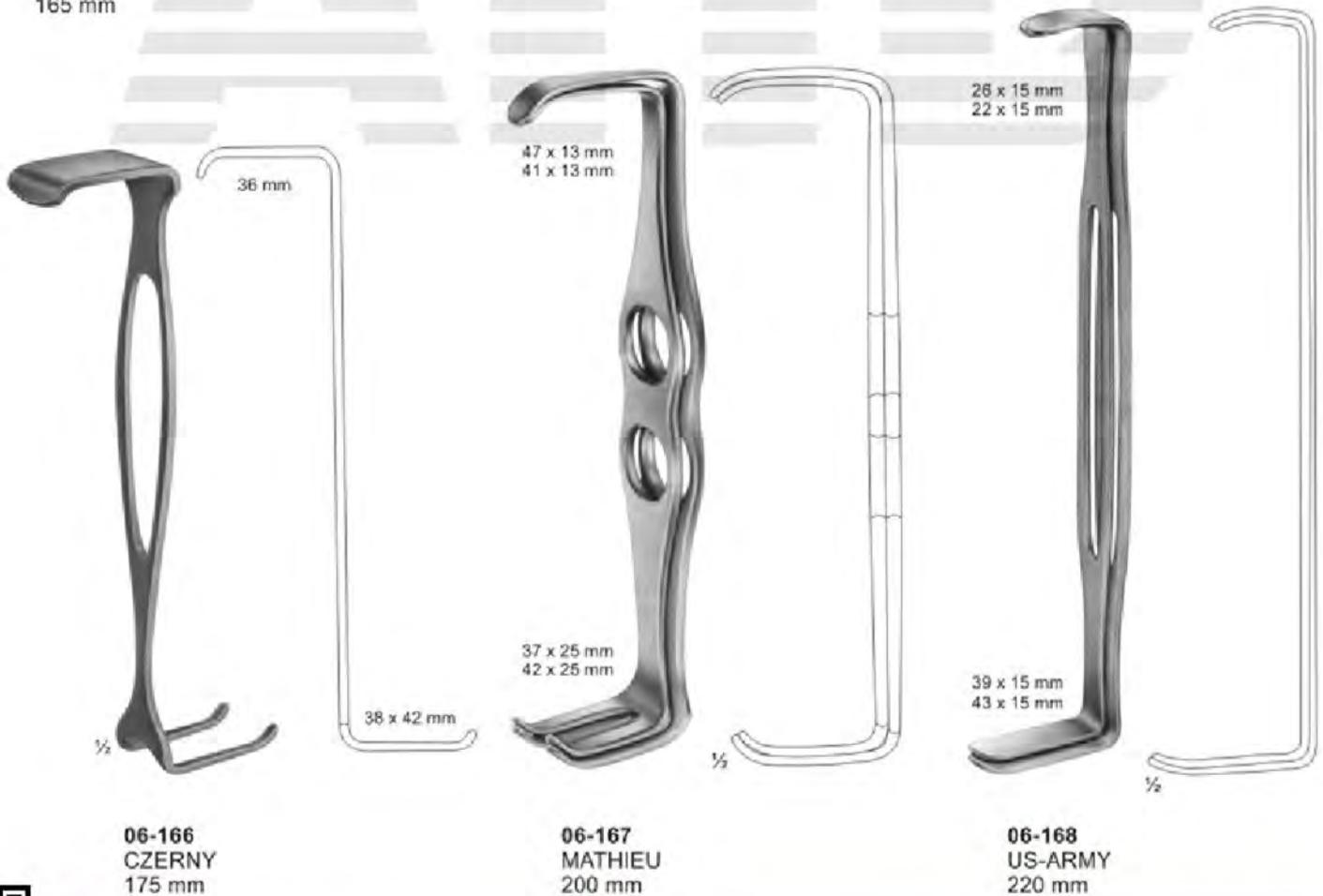
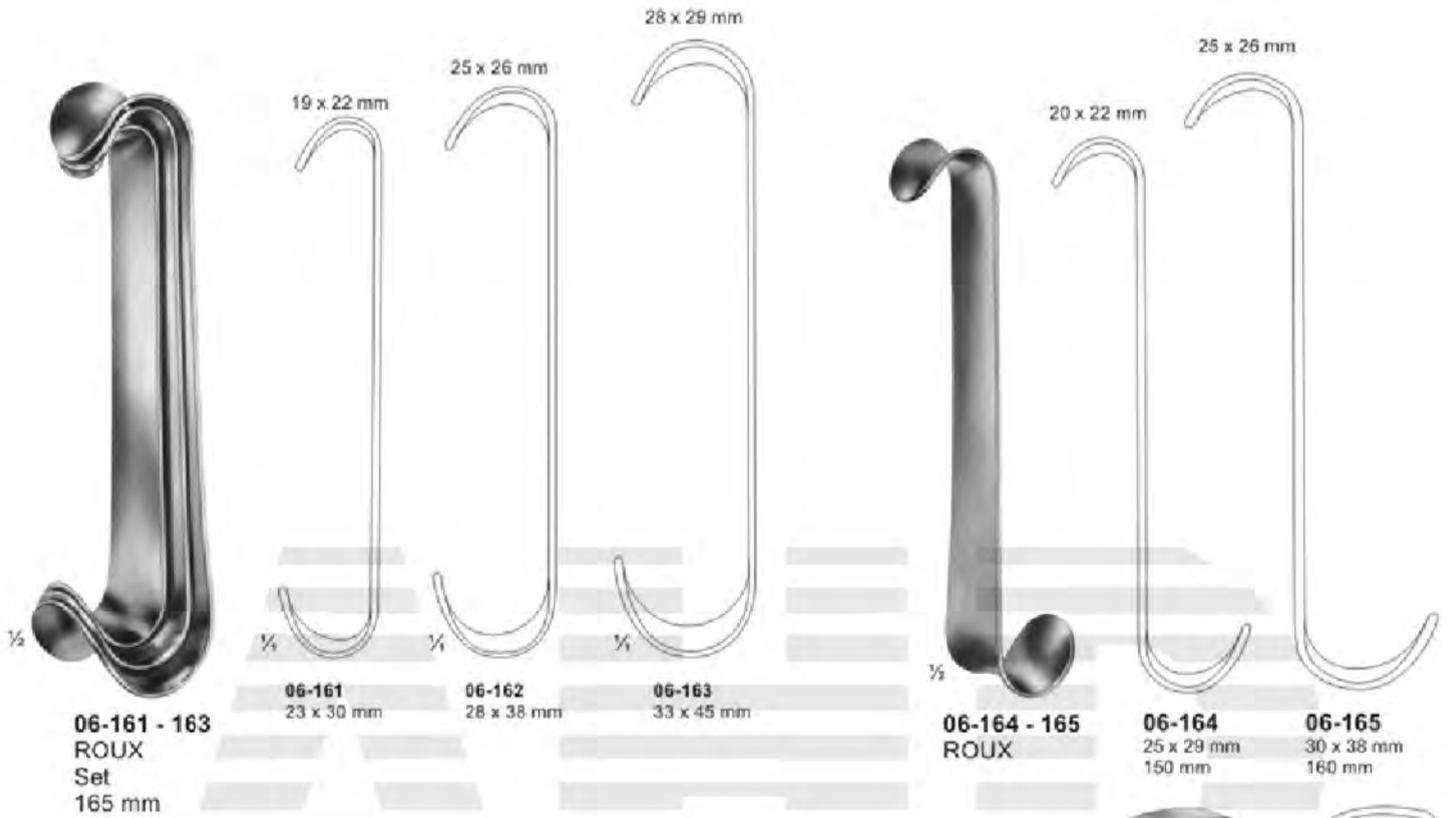


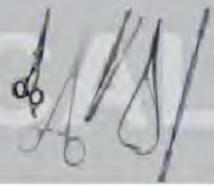
06-158 - 160
CUSHING
250 mm



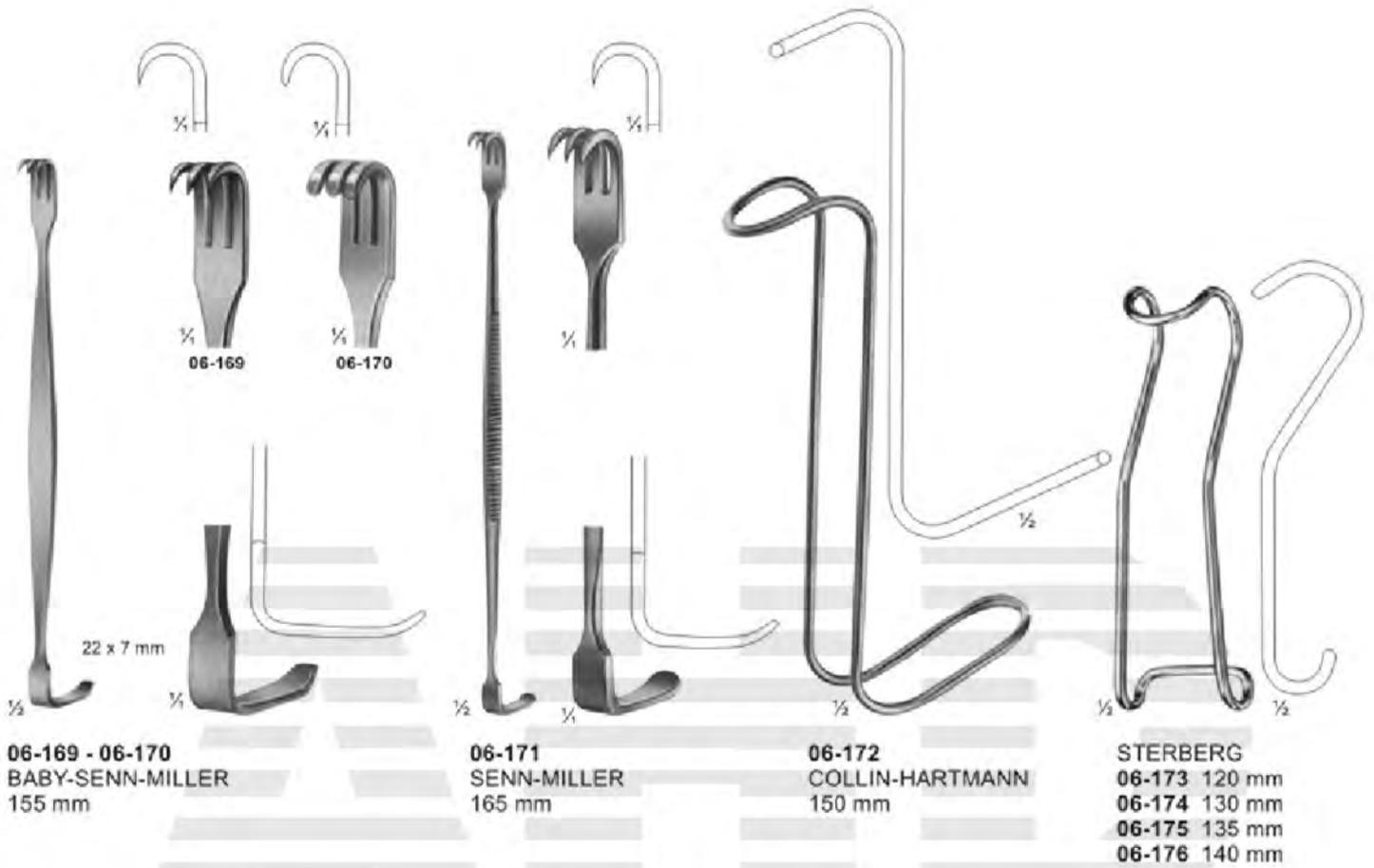


Retractors





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



06-189
9 x 8 mm



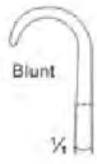
06-190
9 x 13 mm



06-191
9 x 19 mm



06-192
9 x 29 mm



Blunt

1/4



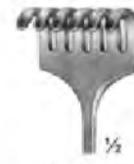
06-193
8,5 x 8 mm



06-194
8,5 x 13 mm



06-195
8,5 x 19 mm



06-196
8,5 x 29 mm





Retractors



1/2
06-197
15 x 15 mm
220 mm



1/4



1/2
06-198
20 x 22 mm
215 mm



1/4



1/2
06-199
28 x 28 mm
235 mm



1/4

1/2
06-197 - 06-199
MIDDELDORPF



38 x 18 mm

1/2
06-200
BUCHS
205 mm

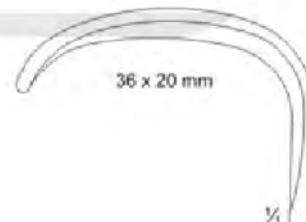


67 x 17 mm

1/4



1/2
06-201
CASPAR
210 mm



36 x 20 mm

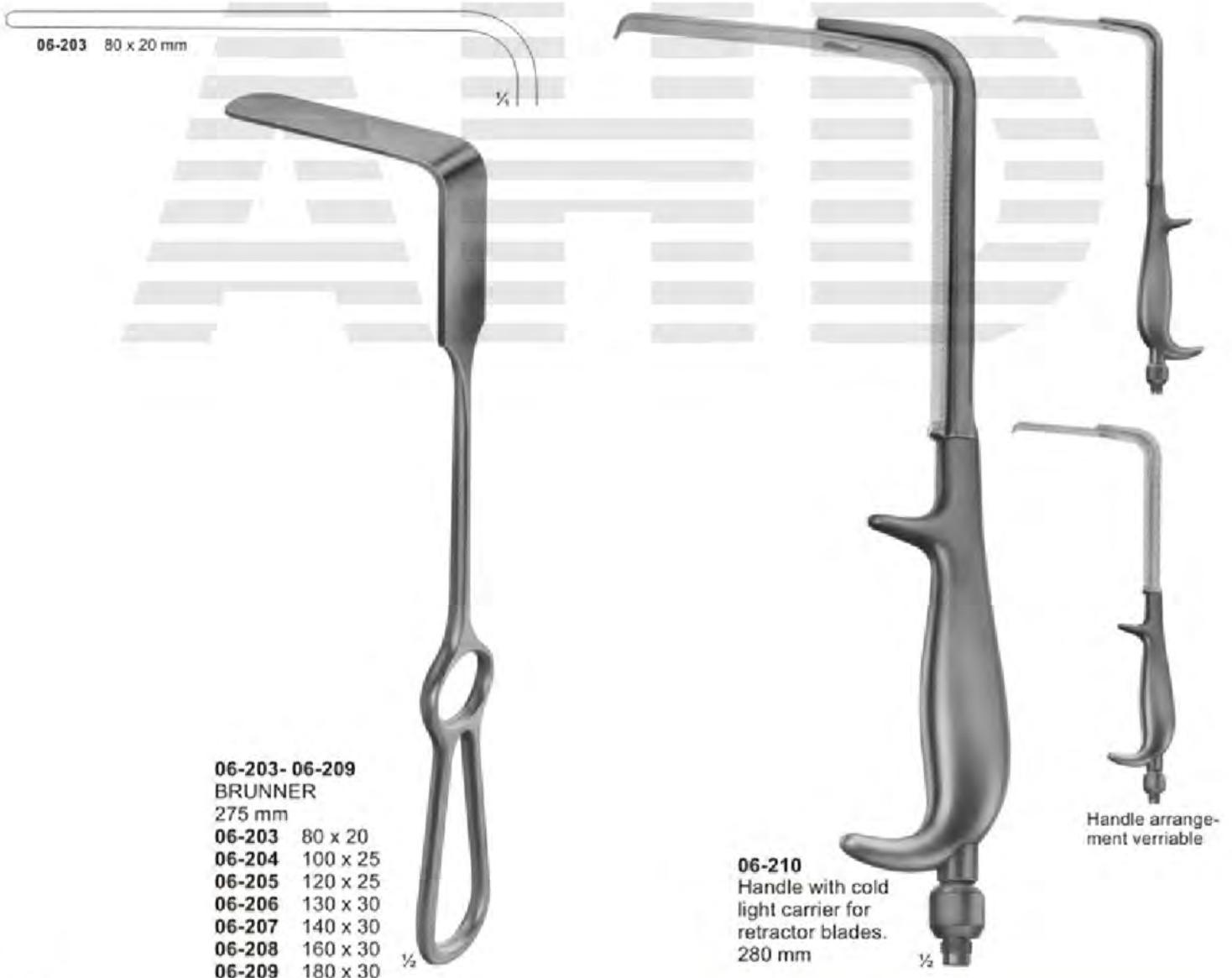
1/4

1/2
06-202
KOCHER
230 mm





Retractors, Vario Retractor System



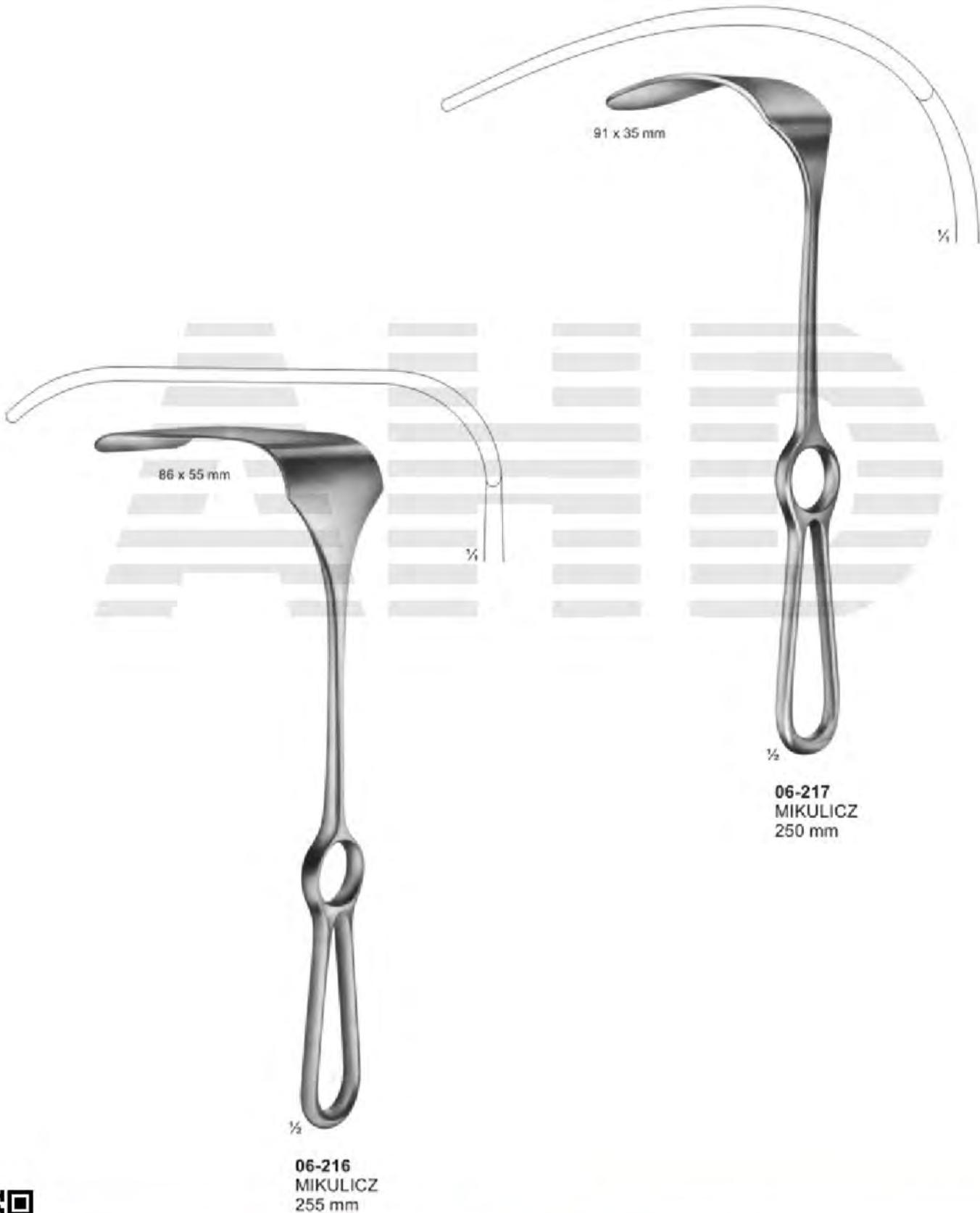


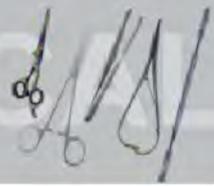
Retractors, Lung Spatulas



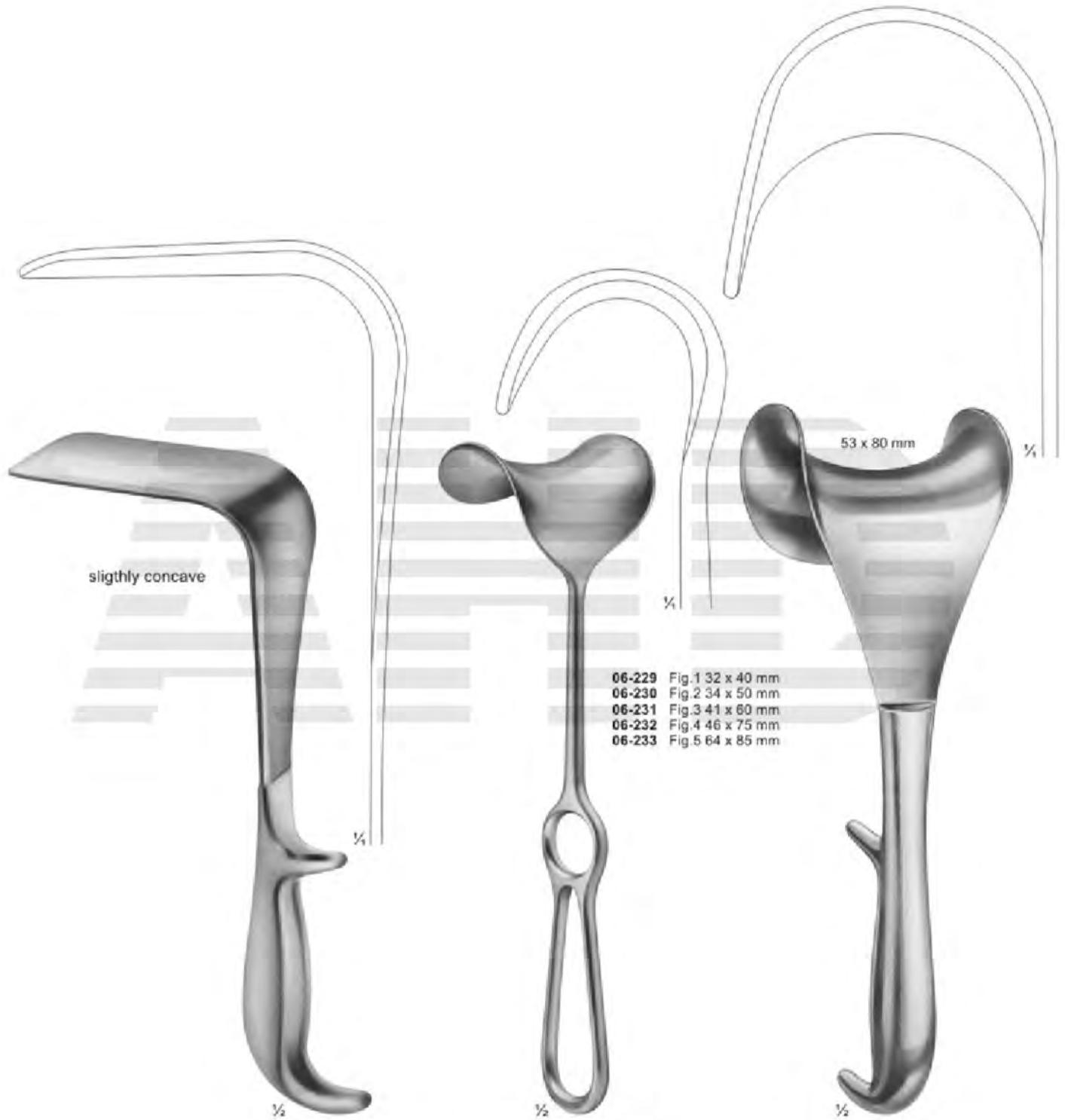


**Retractors for deep surgery
(Abdominal Retractors)**





Retractors, Abdominal Retractors



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

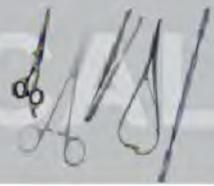
06-218 - 06-228
DOYEN
240 mm

06-229 - 06-233
FRITSCH
240 mm

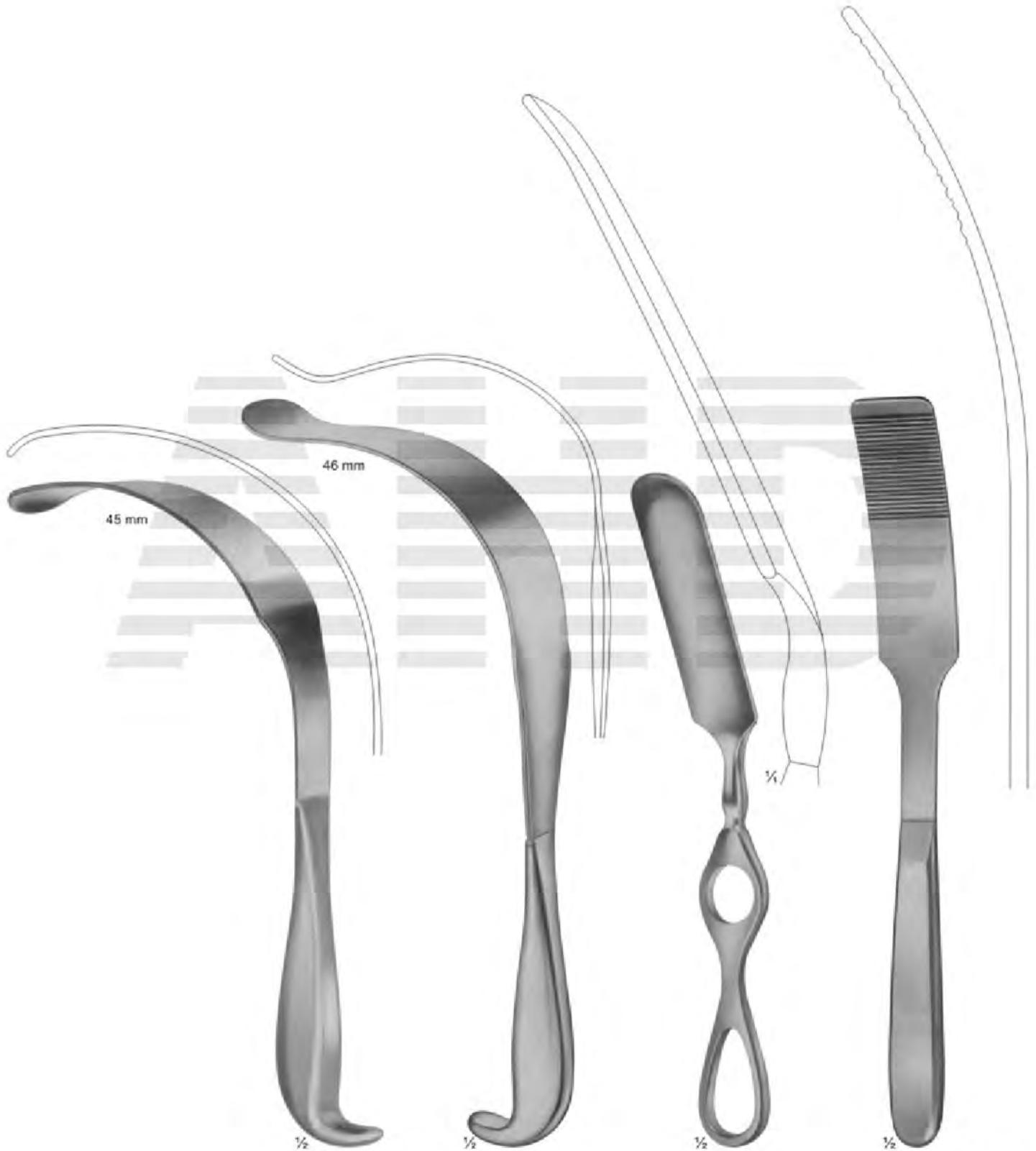
06-234
DOYEN
250 mm

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





Abdominal- and Intestinal Spatulas
Bauch- und Darmspatel



06-235
LERICHE
255 mm

06-236
KUMMEL
Mealleable
285 mm

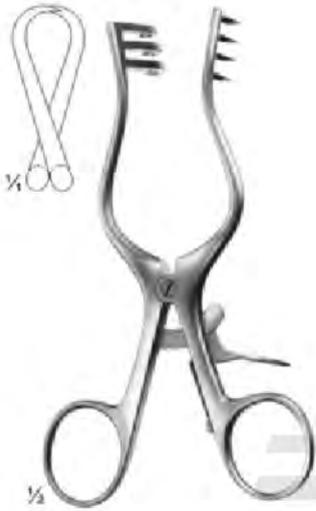
06-237
MIKULICZ
29 mm
250 mm

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

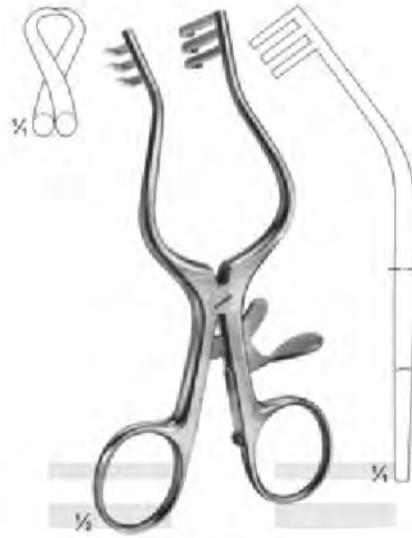




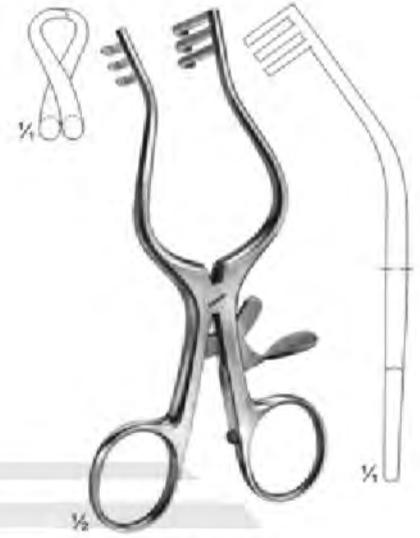
Self-Retaining Retractors



06-240
WEITLANER
sharp
130 mm



06-241
WULLSTEIN
sharp
130 mm



06-242
WULLSTEIN
blunt
130 mm



06-243
WEITLANER
sharp
165 mm

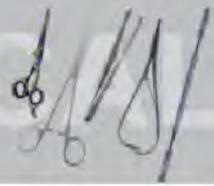


06-244
PLESTER
blunt
110 mm



06-245
PERKINS
130 mm

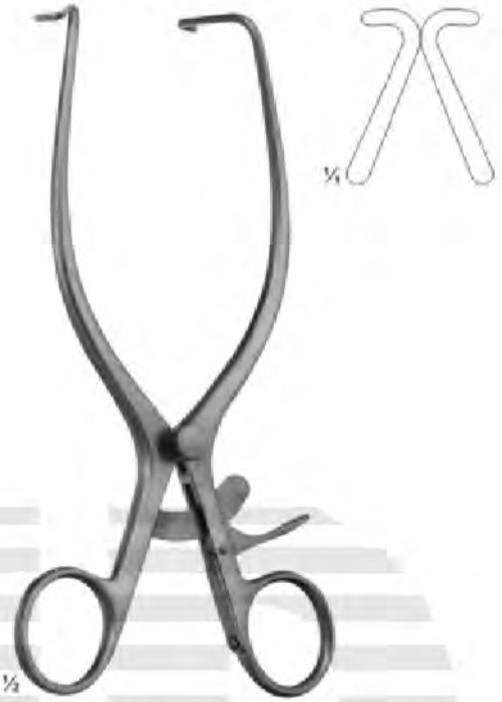




Special Retractors



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



06-247
JACKSON BURROWS
Retractor, blunt
185 mm



06-248
GELPI
Vaginal retractor
135 mm

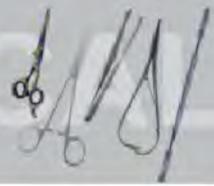


06-249
GELPI
Skin- and vaginal retractor
175 mm

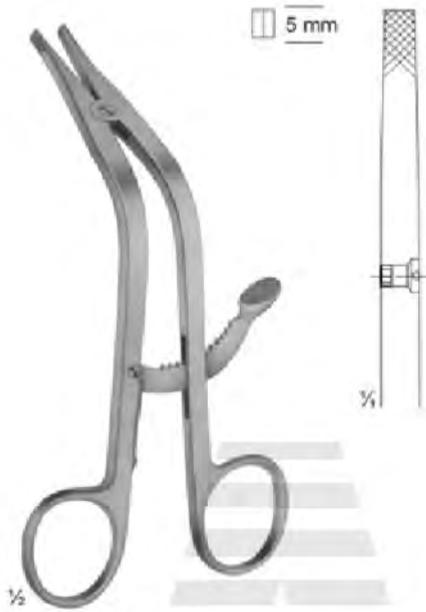


06-250
DE BAKEY
Femur retractor
145 mm





Lamina Spreaders



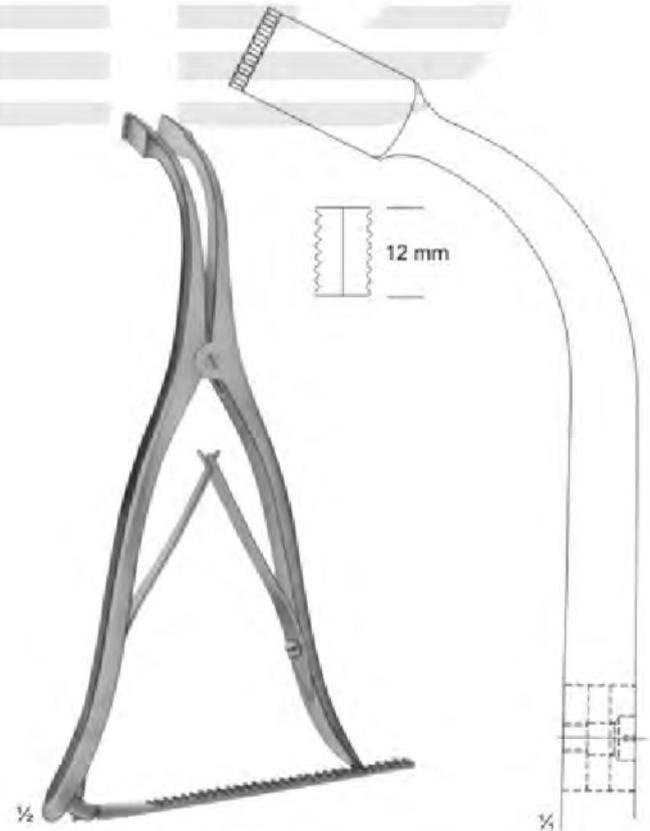
06-251
CLOWARD
155 mm



06-252
CLOWARD
135 mm



06-253
INGE
170 mm



06-254
INGE
275 mm





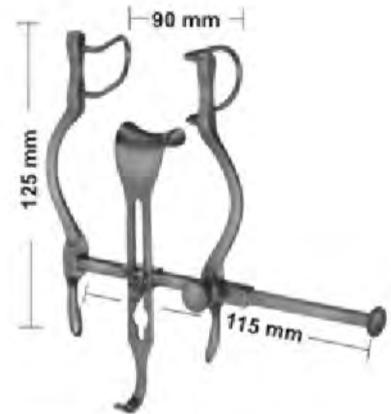
Abdominal Retractors



06-255
GOSSET
Blades: 38 mm deep



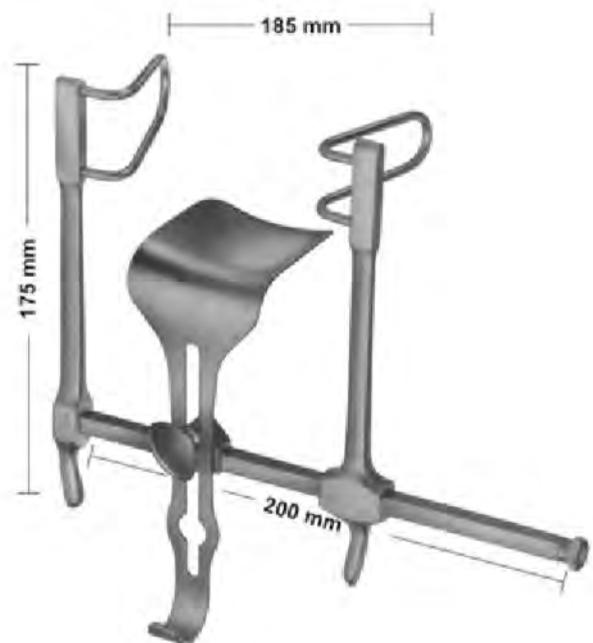
06-256
HERTZLER
Blades 20 X 25 mm



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

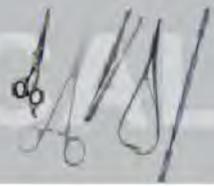


06-258
GOSSET
Blades: 55 mm deep

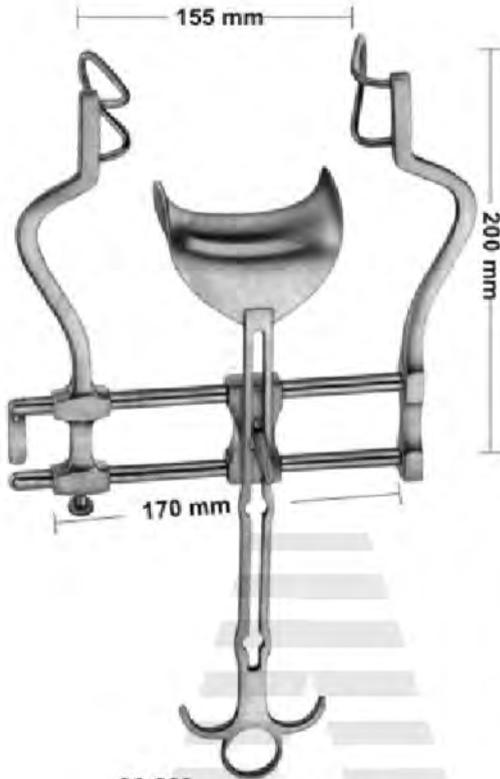


06-259
GOSSET
Lateral blades 58 mm deep
Center blade 59 x 57 mm

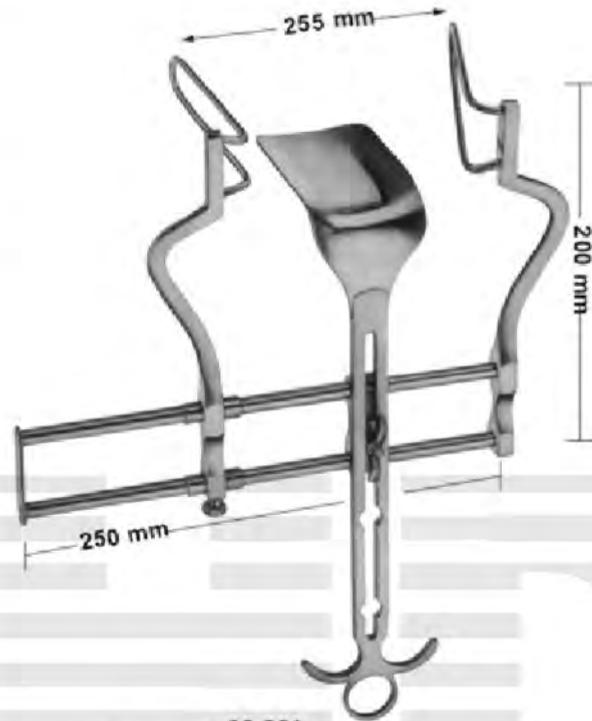




Abdominal Retractors



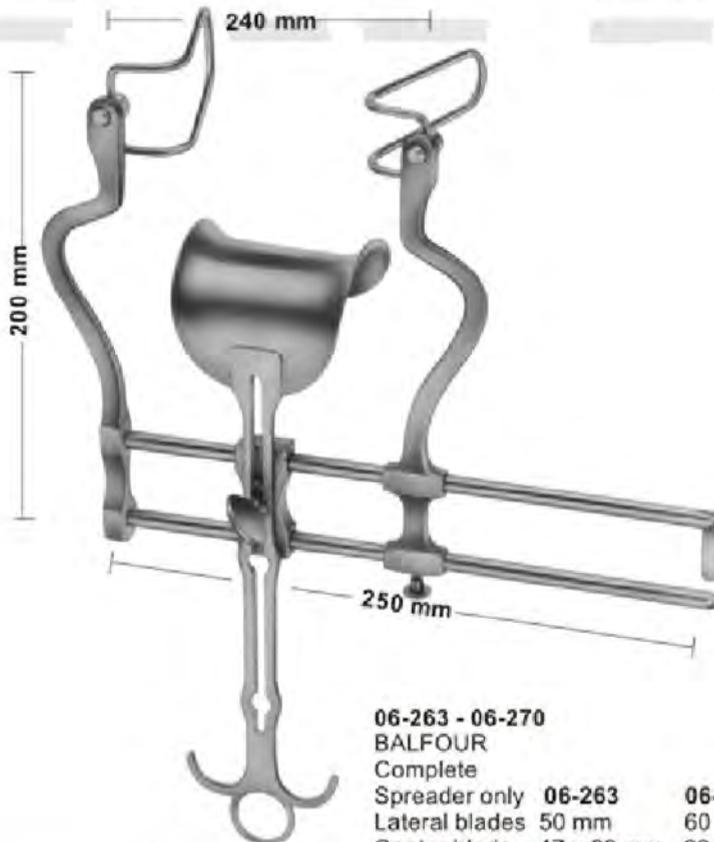
06-260
BALFOUR
Lateral blades 60 mm deep
Center blade 47 x 80 mm



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



06-262
Center blade only
54x80 mm



06-263 - 06-270
BALFOUR
Complete

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

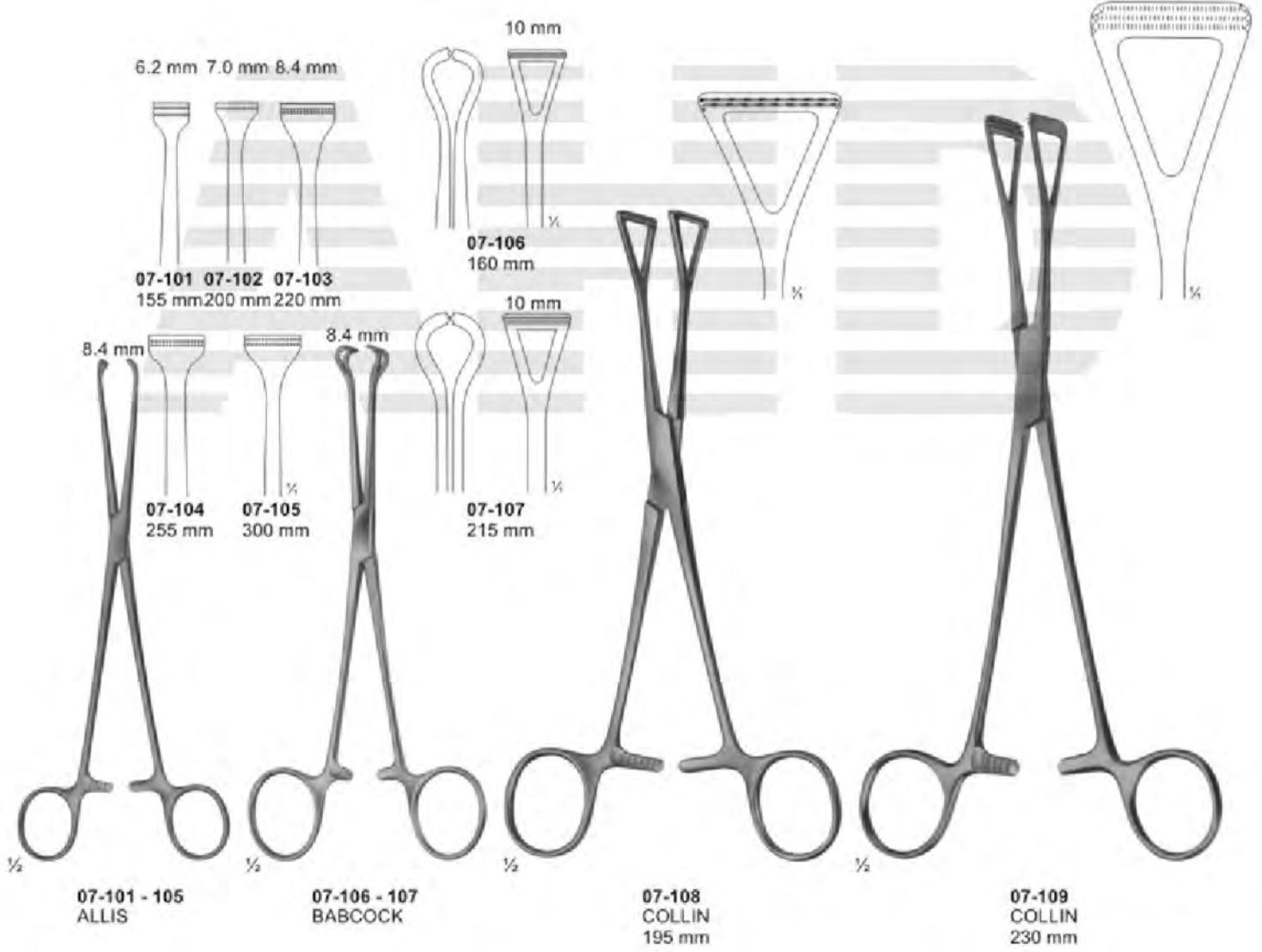


Lateral blades
06-267 50 mm deep
06-268 60 mm deep
06-269 75 mm deep
06-270 90 mm deep
Sales Unit of blades: PR = pair





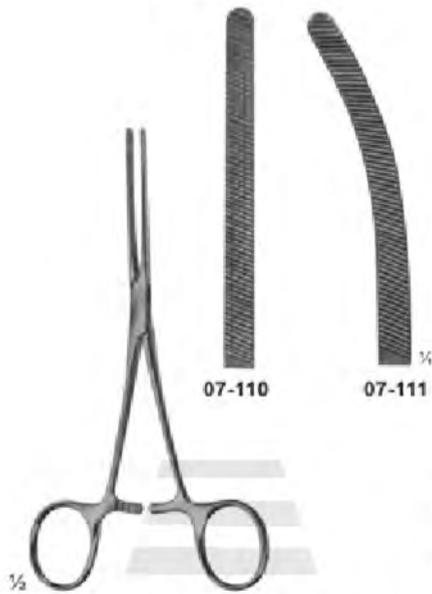
Organ-, Tissue and Intestinal Grasping Forceps



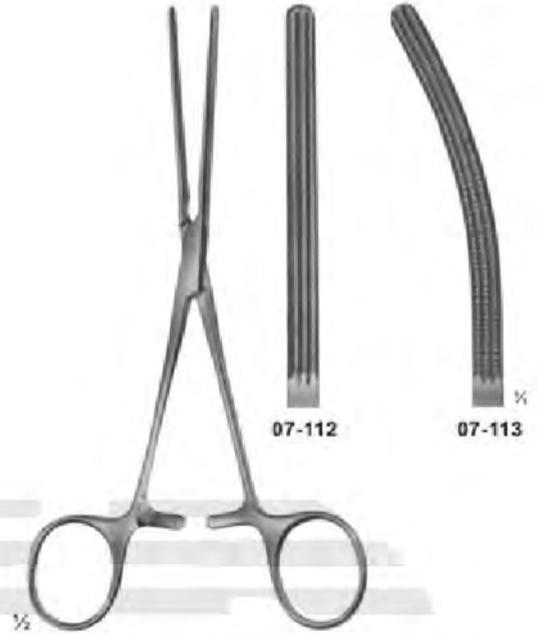


Intestinal Clamps, soft elastic

ATRAUMATA

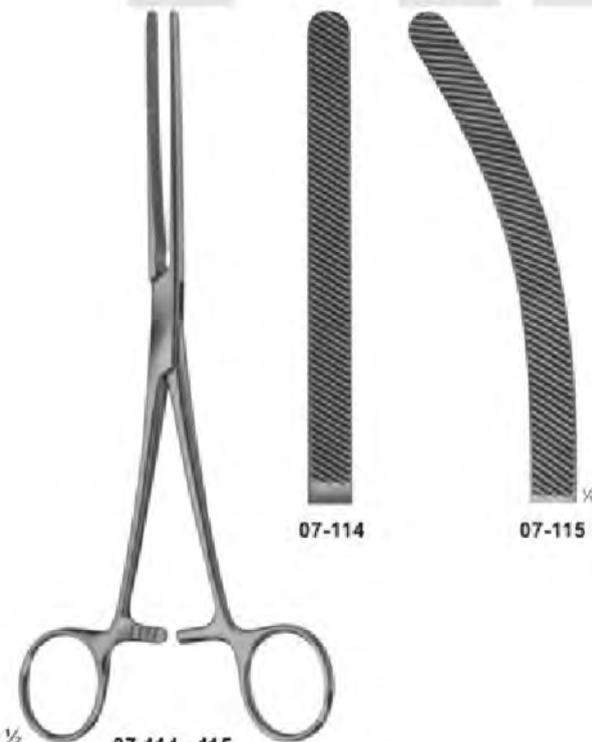


07-110 - 111
DOYEN
elastic
165 mm



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



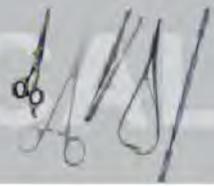
07-118
PAYR
Intestinal clamp
light pattern,
for children
180 mm

07-119
PAYR
200 mm

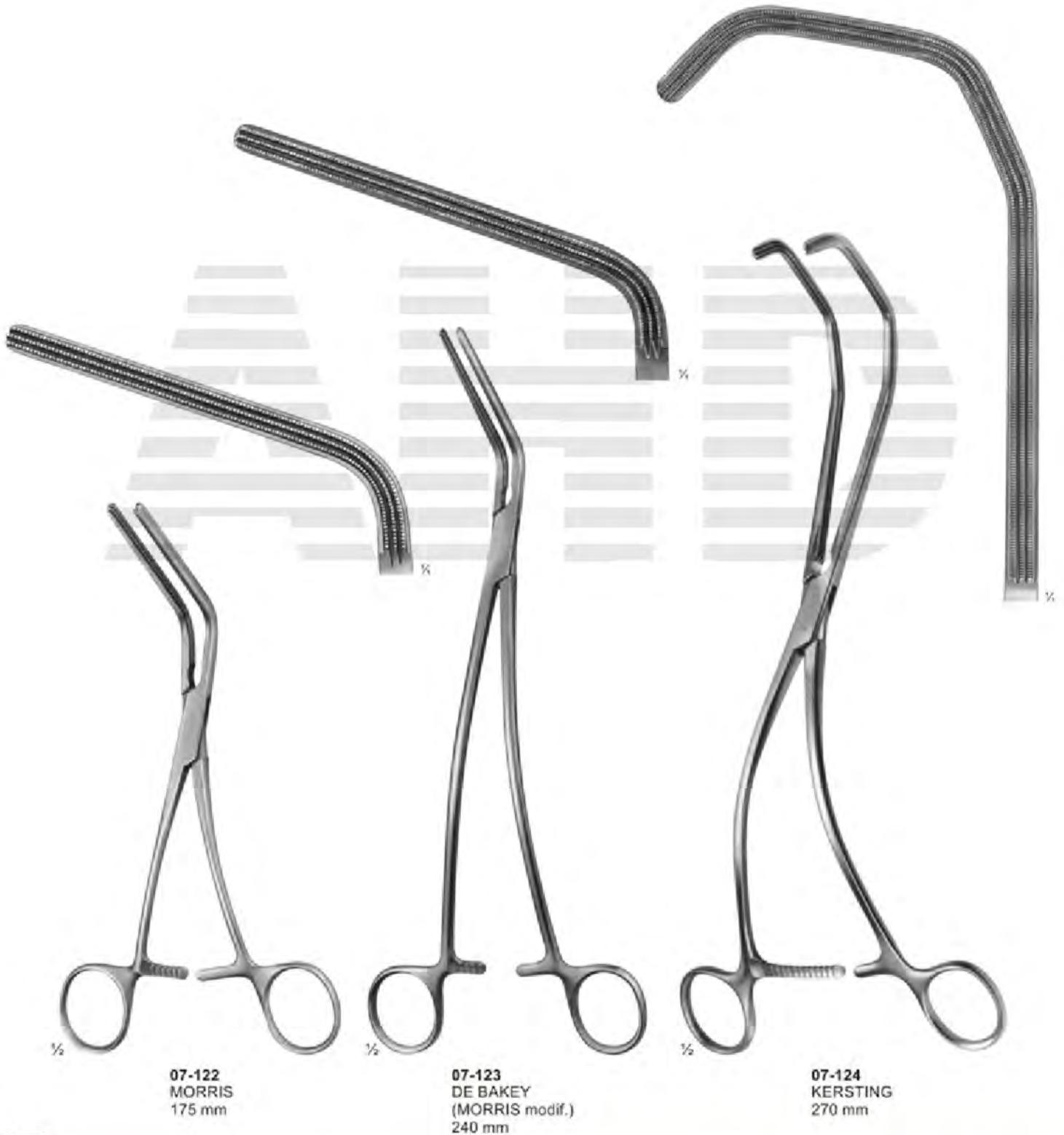
07-120
PAYR
275 mm

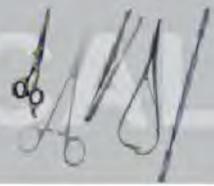
07-121
PAYR
Pylorus clamp
315 mm





ATRAUMATA
Sigmoid Anastomosis Forceps





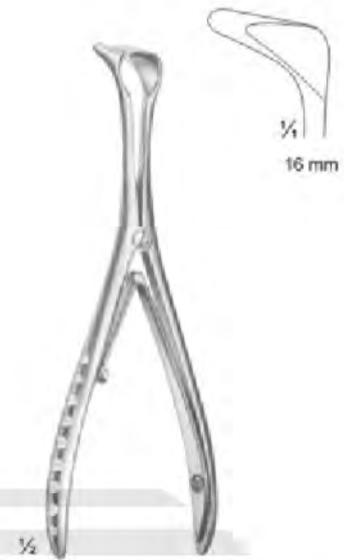
Nasal Specula



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



08-102
SIMS
160 mm



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



08-104
Killian

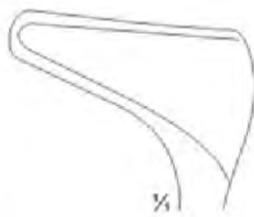


Fig. 1
14 cm 5 4/8"
35 mm

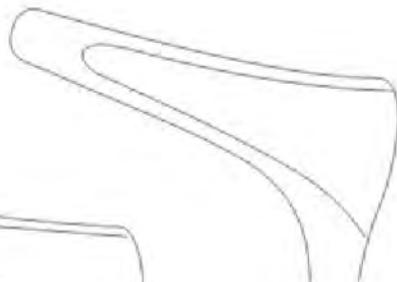


Fig. 2
14,5 cm / 5 4/8"
50 mm

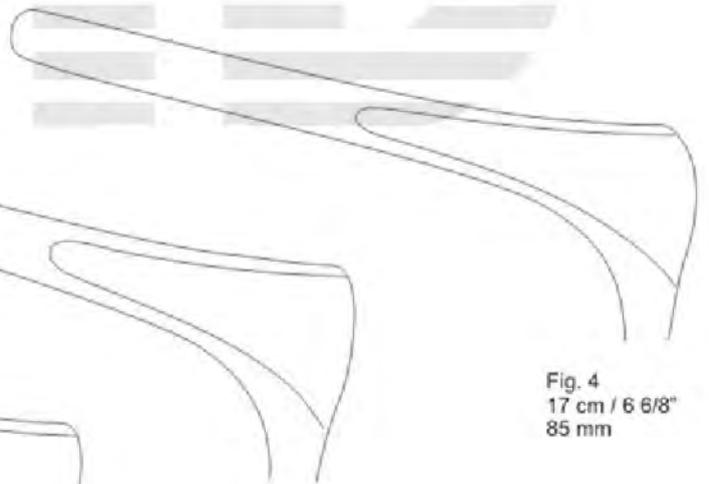
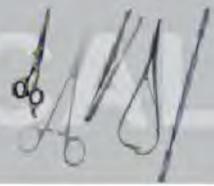


Fig. 3
16 cm / 6 2/8"
75 mm

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





Nasal Specula



08-105
Cottle

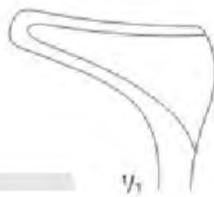


Fig. 1
13,5 cm / 5 3/8"
35 mm

1/2

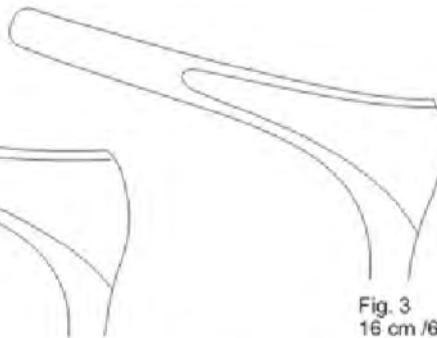


Fig. 2
14 cm / 5 4/8"
50 mm



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

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



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



Fig. 1
21,0 x 9,5 mm



Fig. 2
21,0 x 10,5 mm

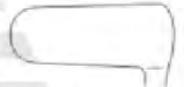


Fig. 3
21,0 x 11,5 mm



08-107
Mod. Wien 2
13,5 cm / 5 3/8"

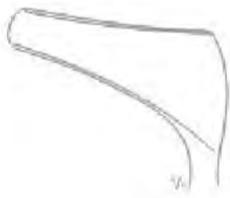


Fig. 1
30 mm

1/2



08-108
Hartmann-Halle
16 cm / 6 3/8"

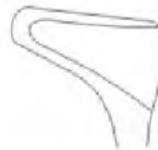


Fig. 1
27 mm

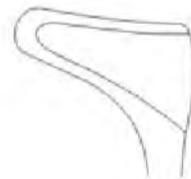


Fig. 2
31 mm

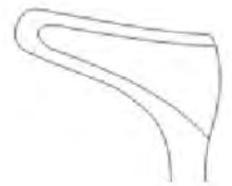


Fig. 3
35 mm





Anusscopes-Sphincteroscopes



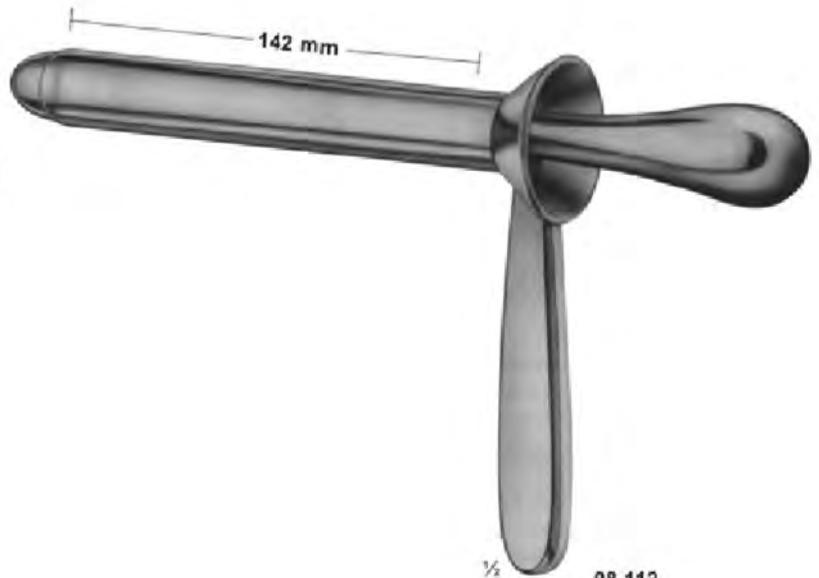
08-109
IVES-FANSLER
Anuscope
145 mm
Ø24mm



08-110
KELLY
Sphincteroscope
160 mm
Ø21mm

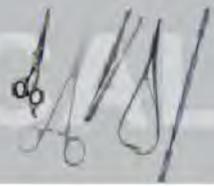


08-111
KELLY
Sphincteroscope
160 mm
Ø27mm



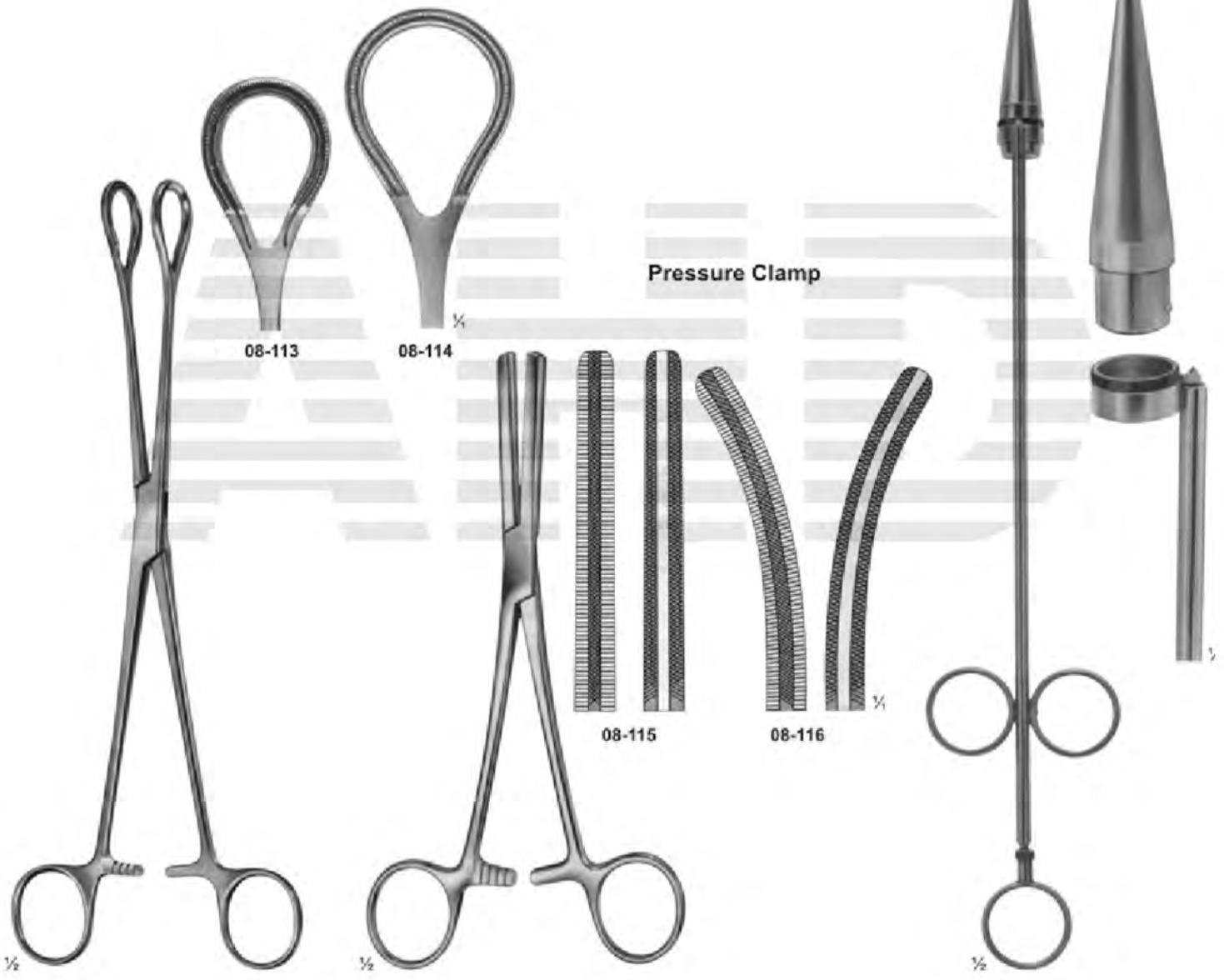
08-112
KELLY
Proctoscope
140 mm
Ø22mm





Haemorrhoidal Forceps

ATRAUMATA

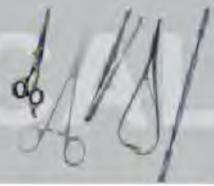


08-113 - 08-114
250 mm
08-114
270 mm

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

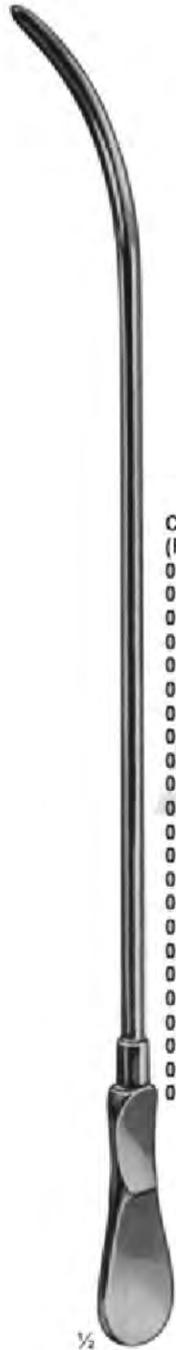


08-122
NISSEN
Gall duct-and cystic forceps
215 mm

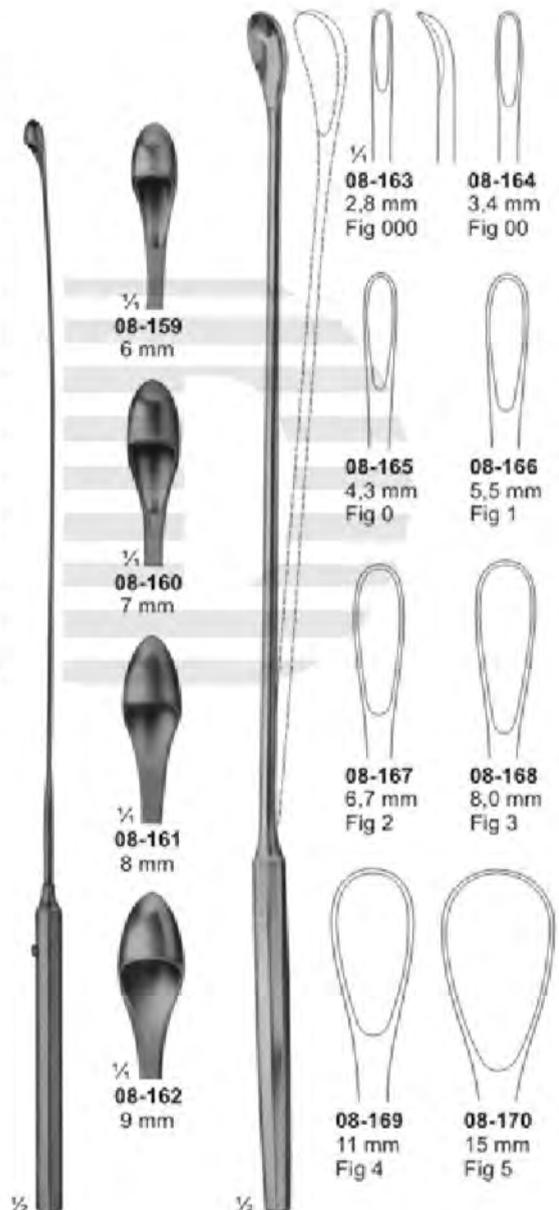
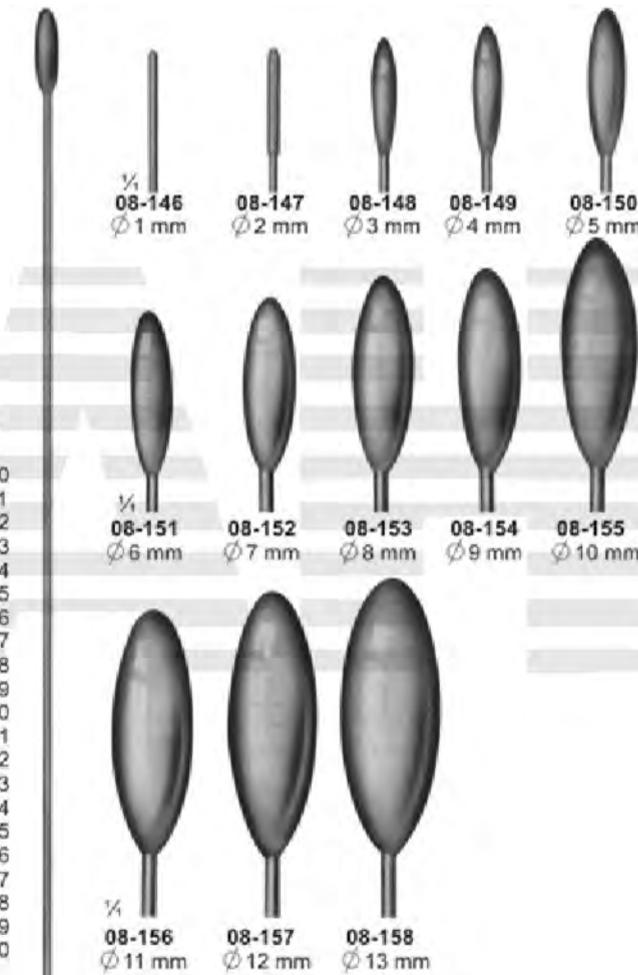




Gall Duct Dilators and Gall Stone Scoops



- 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



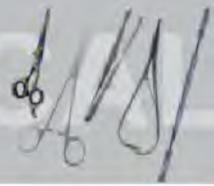
08-123 - 08-145
DITTEL
Metall bougies and dilating sounds, stiff 345 mm

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

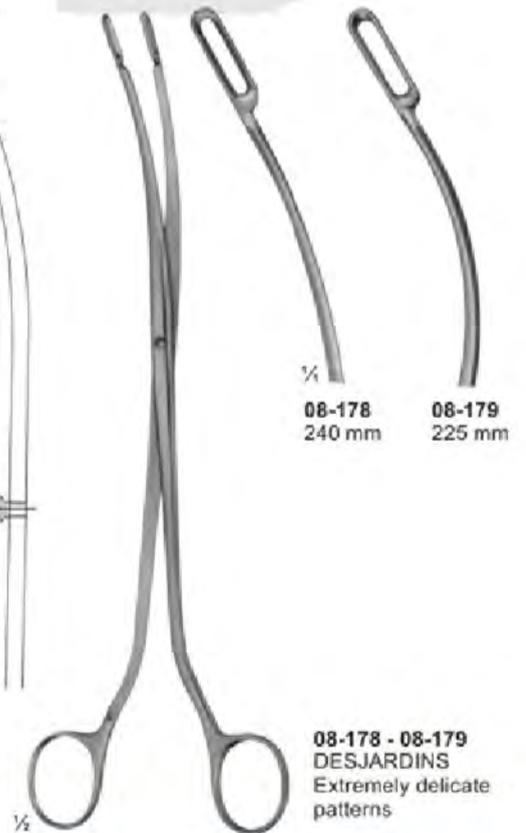
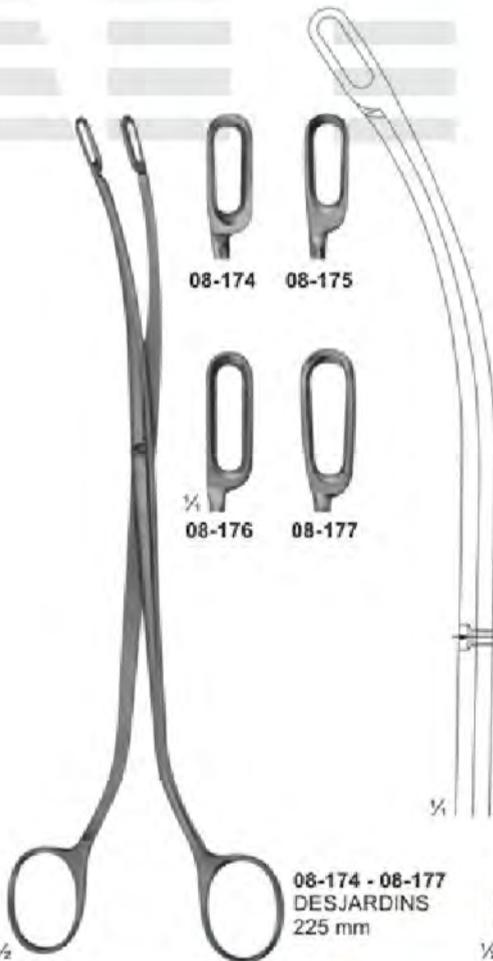
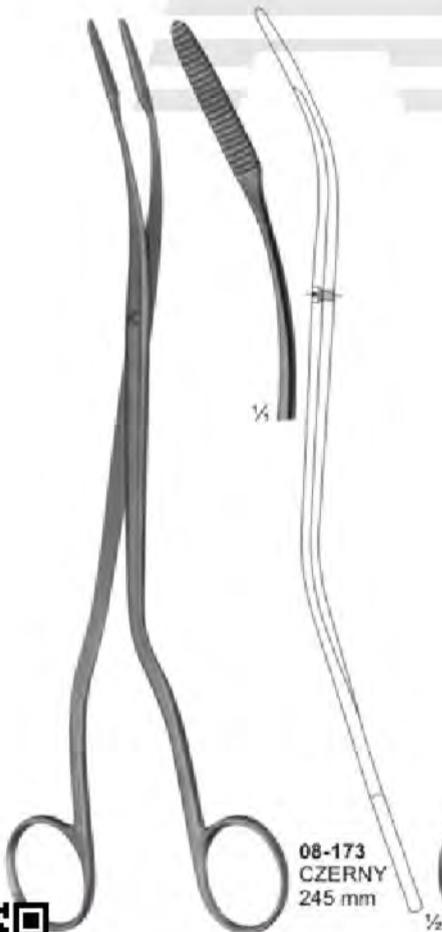
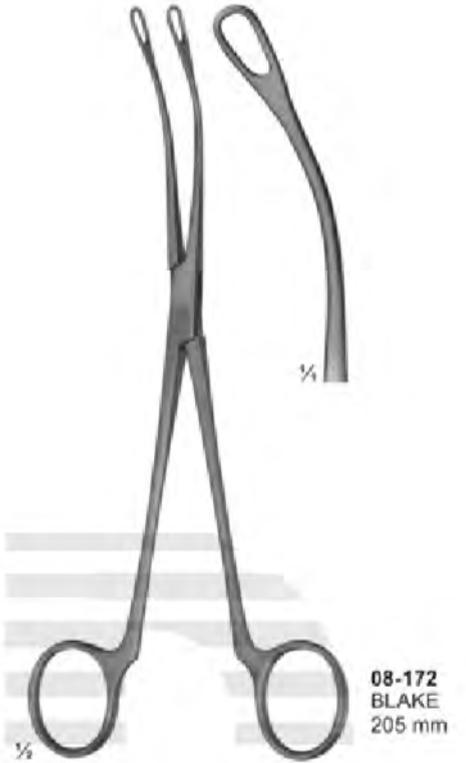
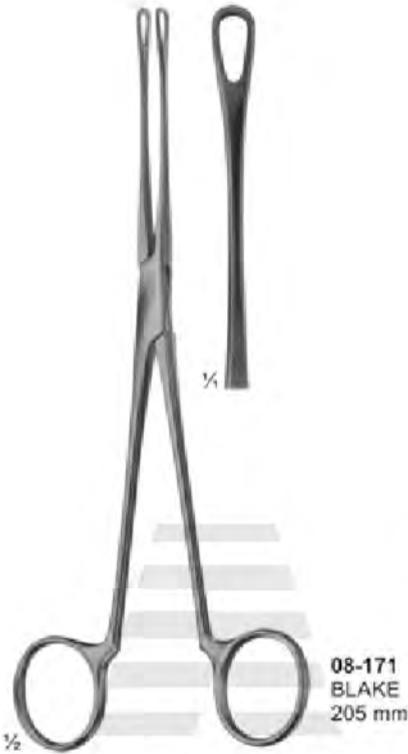
08-159 - 08-162
DESJARDINS
Probe and catch with flexible shaft 300 mm

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





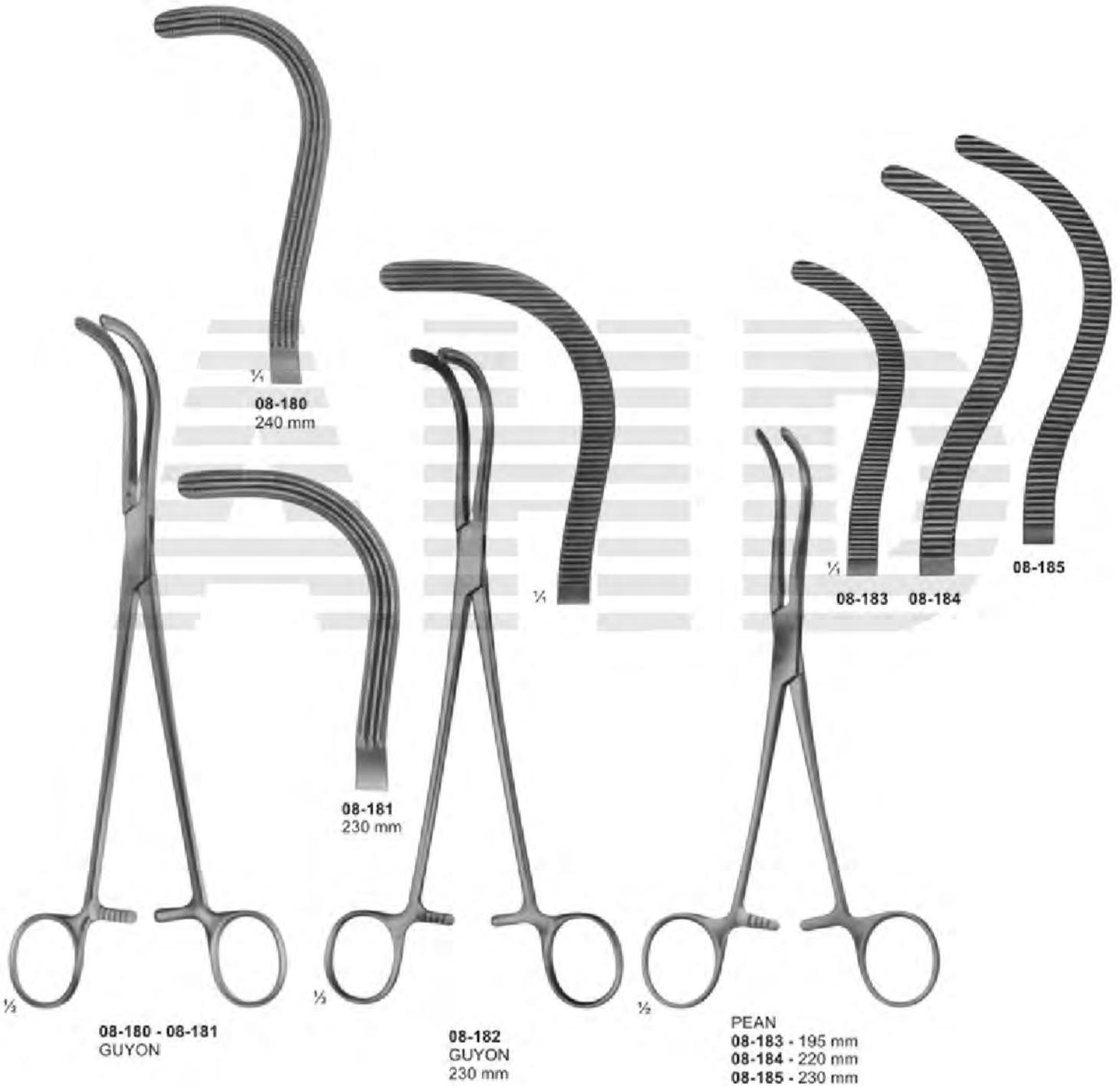
Gall Stone Forceps





Kidney Clamps

ATRAUMATA





Kidney Stone Forceps



08-186



08-187



08-188



1/4
08-189



1/4

08-186 - 08-189
RANDALL
225 mm



08-190



08-191



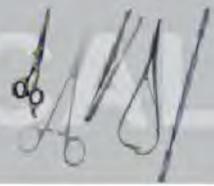
1/4
08-192



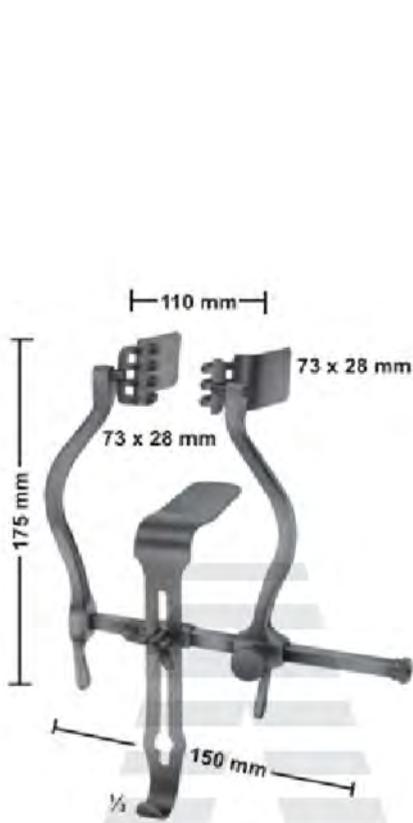
1/4

08-190 - 08-192
RANDALL
190 mm

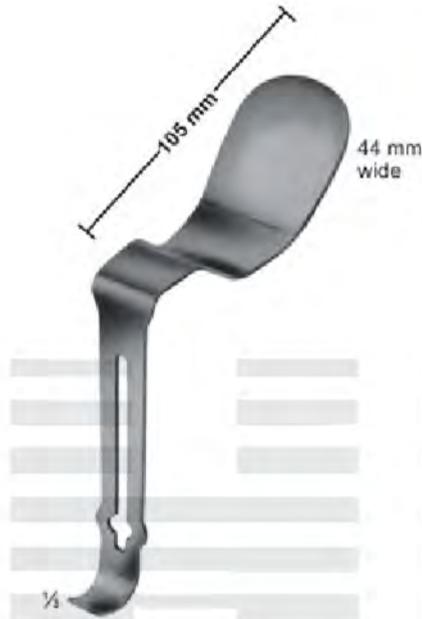




Bladder Retractors



09-101
JUDD-MASSON
Bladder and suprapubic retractor



09-102
MILLIN
Center bladder for retro pubic prostatectomy



09-103
MILLIN
Bladder retractor, complete
105X45 mm



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



09-105
KOCHER
Bladder spatula
235 mm





Trocars

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

09-107
Universal trocar
with 4 tips

Ø 6,0 mm
Ø 4,5 mm
Ø 3,3 mm
Ø 1,9 mm

NELSON

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

09-113 - 116
Inside 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
Ø 4,0 mm

09-124
COAKLEY
Antrum trocar
3,0 mm

Luer Lock

100 mm
110 mm

100 mm

Record Cone

Luer - Lock Cone

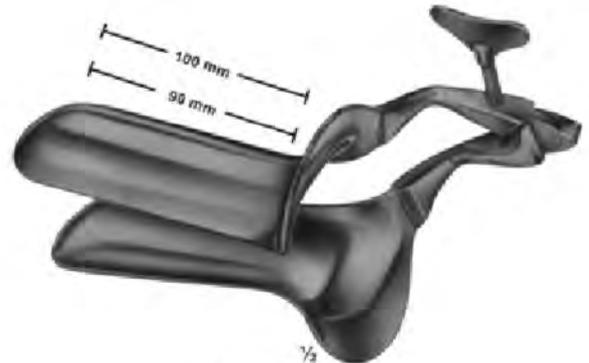




Vaginal Specula



10-101
COLLIN
for children
53 x 10 mm



10-102 - 105
COLLIN

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



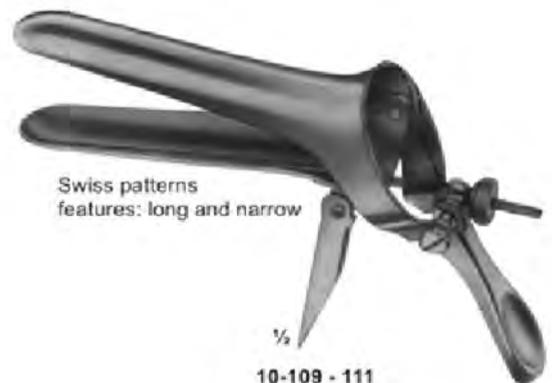
10-106
COLLIN
for virgins
95/85 x 18 mm



10-107
CUSCO
for virgins
75 x 17 mm



10-108
CUSCO
for virgins
75 x 17 mm

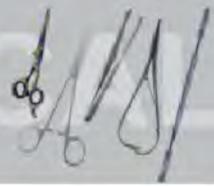


Swiss patterns
features: long and narrow

10-109 - 111
CUSCO

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





Vaginal Specula- Sets, upper and lower blades



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

1/2



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

1/2



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

1/2



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

1/2



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

1/2



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

1/2



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

1/2





Vaginal Specula- upper and lower blades



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

10-132 - 10-135
KRISTELLER
Upper blades

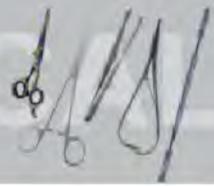
10-136 - 10-139
KRISTELLER
Lower blades





Vaginal Specula





Vaginal Retractors



10-154
JOLL (FRIEDMAN)
155 mm



10-155
RICHTER
170 mm

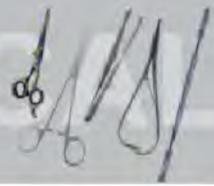


10-156
GELPI
135 mm



10-157
GELPI
175 mm





Uterine Dilators



1/2

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

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



1/2

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

11-144 - 152
HEGAR
205 mm



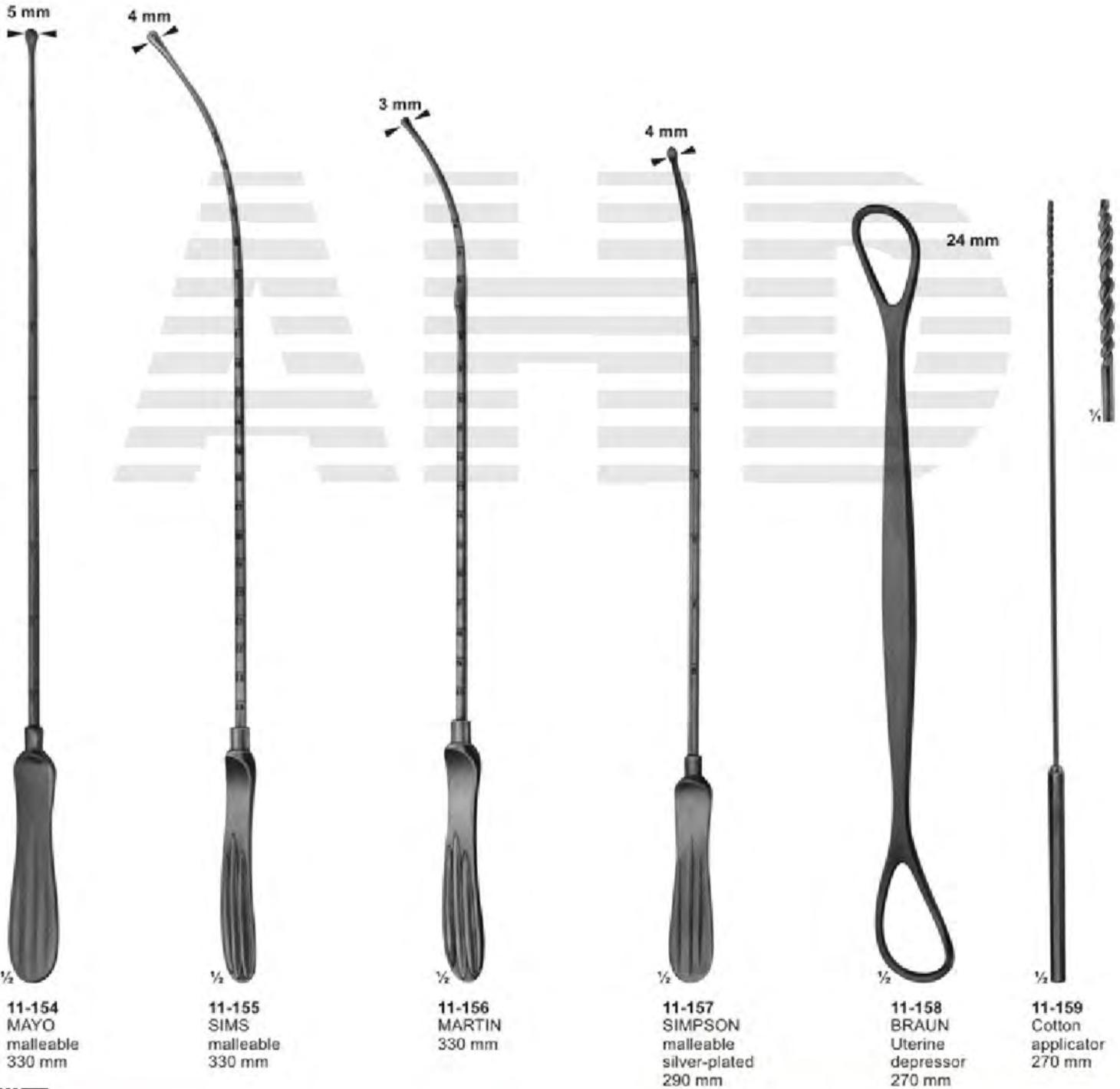
1/2

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



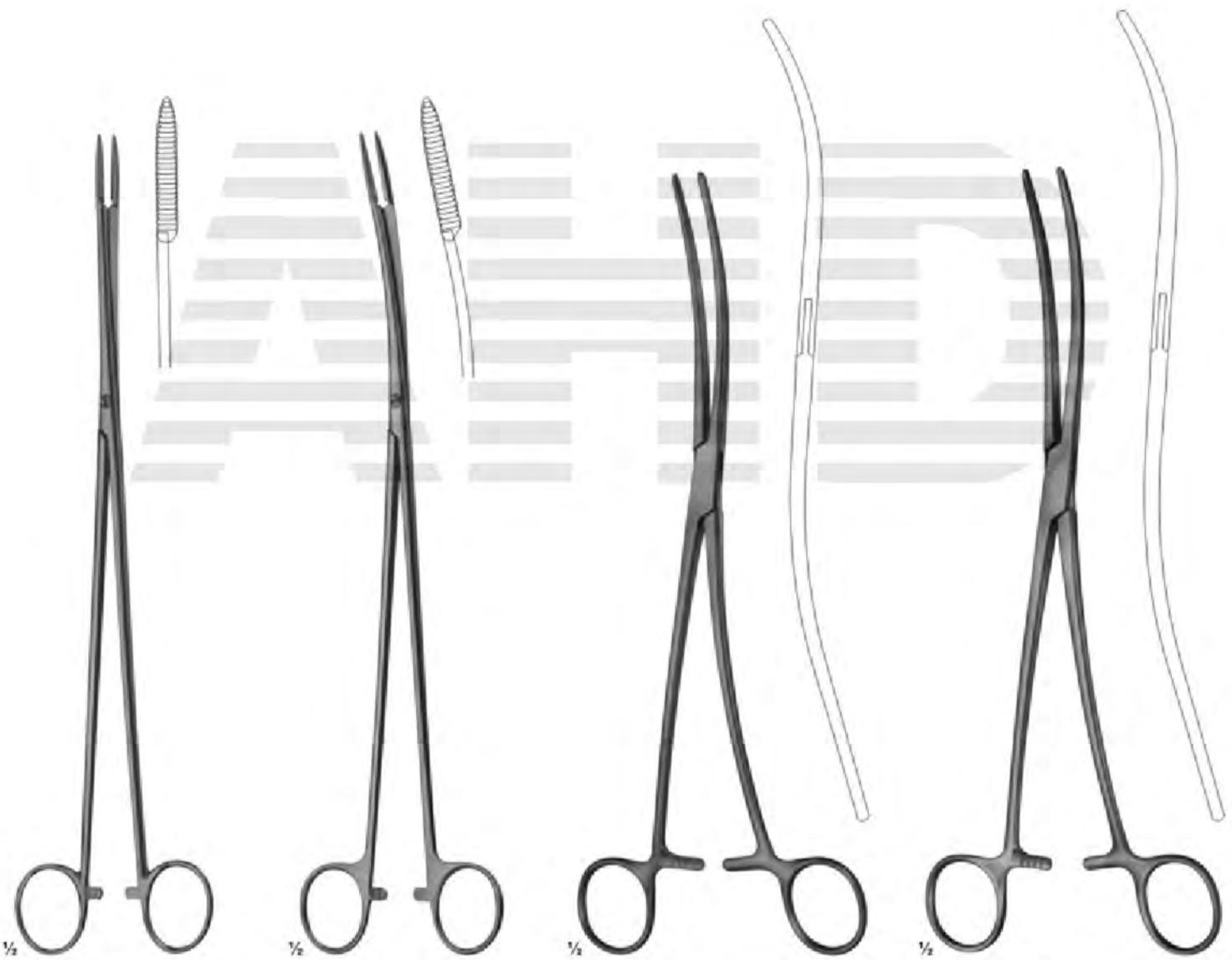


Uterine Probes





Uterine Dressing Forceps



11-160
PELMANN
260 mm

11-161
PELMANN
260 mm

11-162
BOZEMANN
250 mm

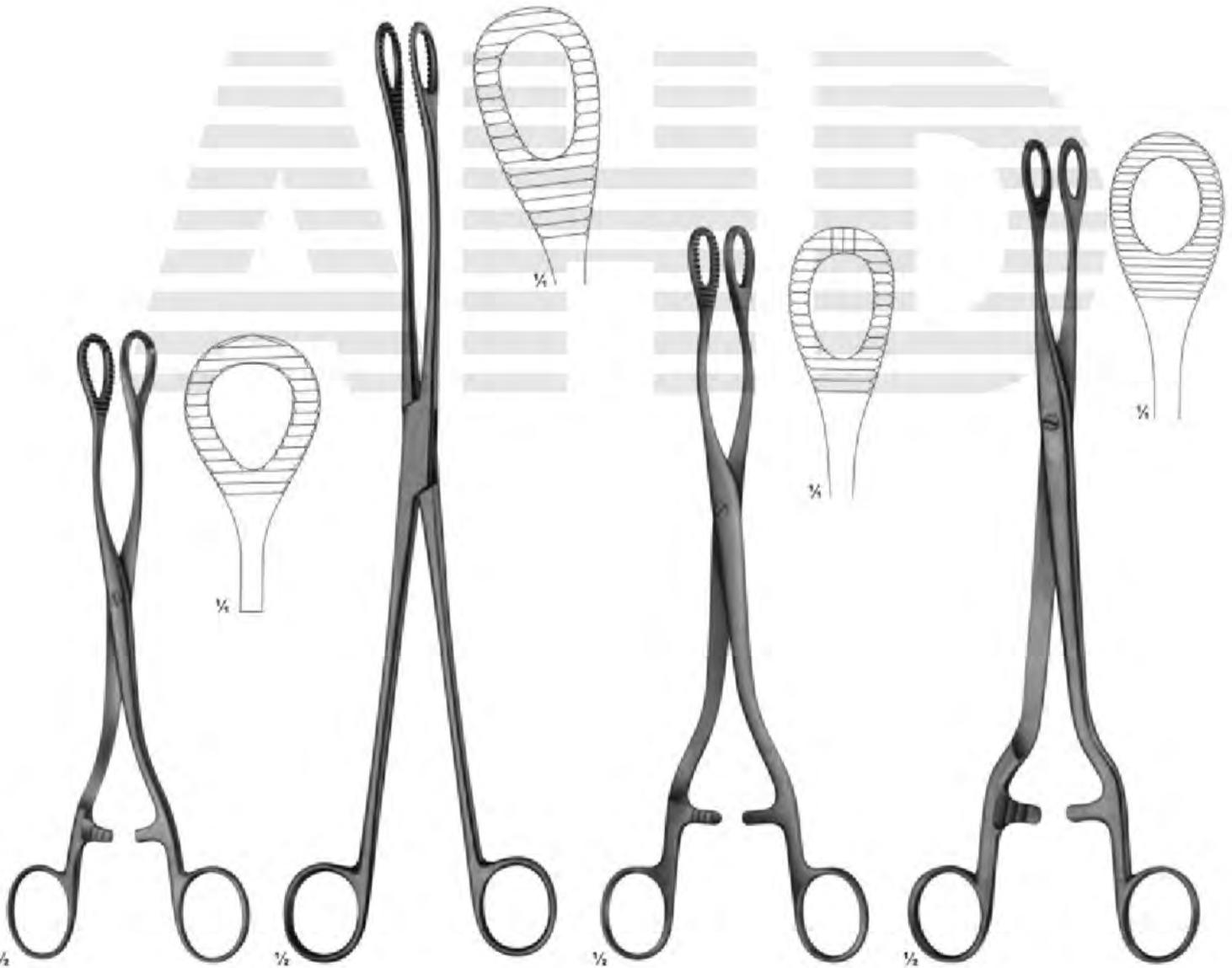
11-163
BOZEMANN
255 mm

Jaws with longitudinal groove





Polypus-and Ovum Forceps



11-164
HEYWOOD-SMITH
200 mm

11-165
KELLY
320 mm

11-166
HEYWOOD-SMITH
250 mm

11-167
NOTO
280 mm

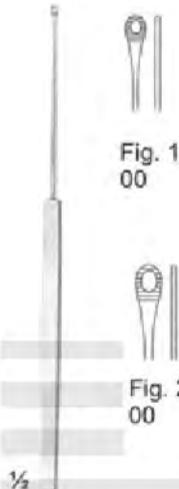




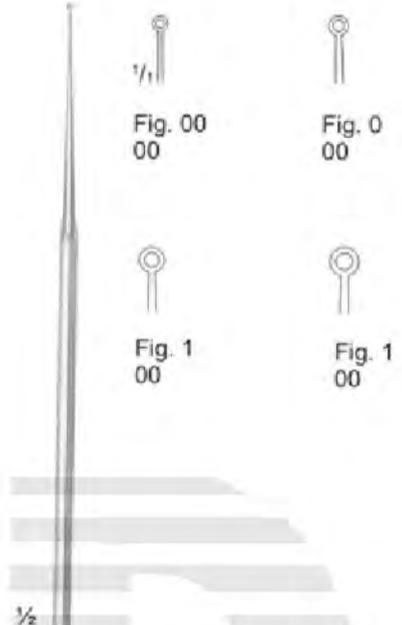
Ear Curettes



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



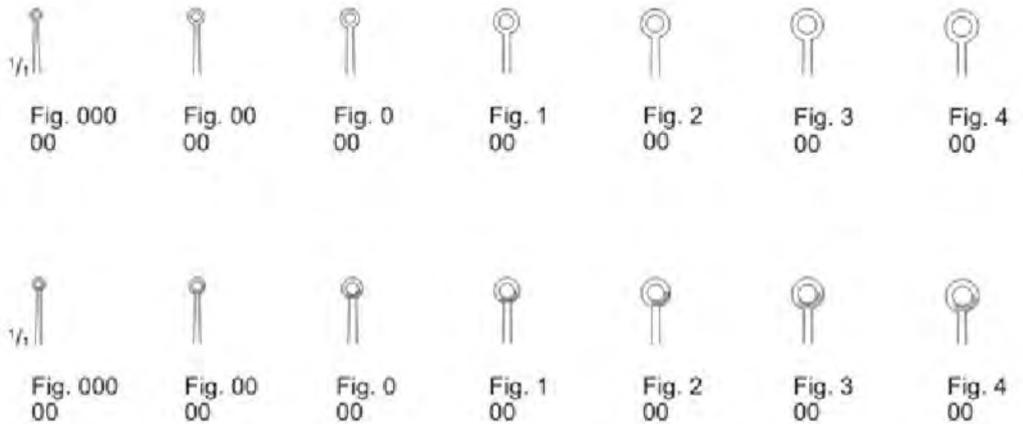
12-102
Shapleigh
15 cm / 5 1/8"



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

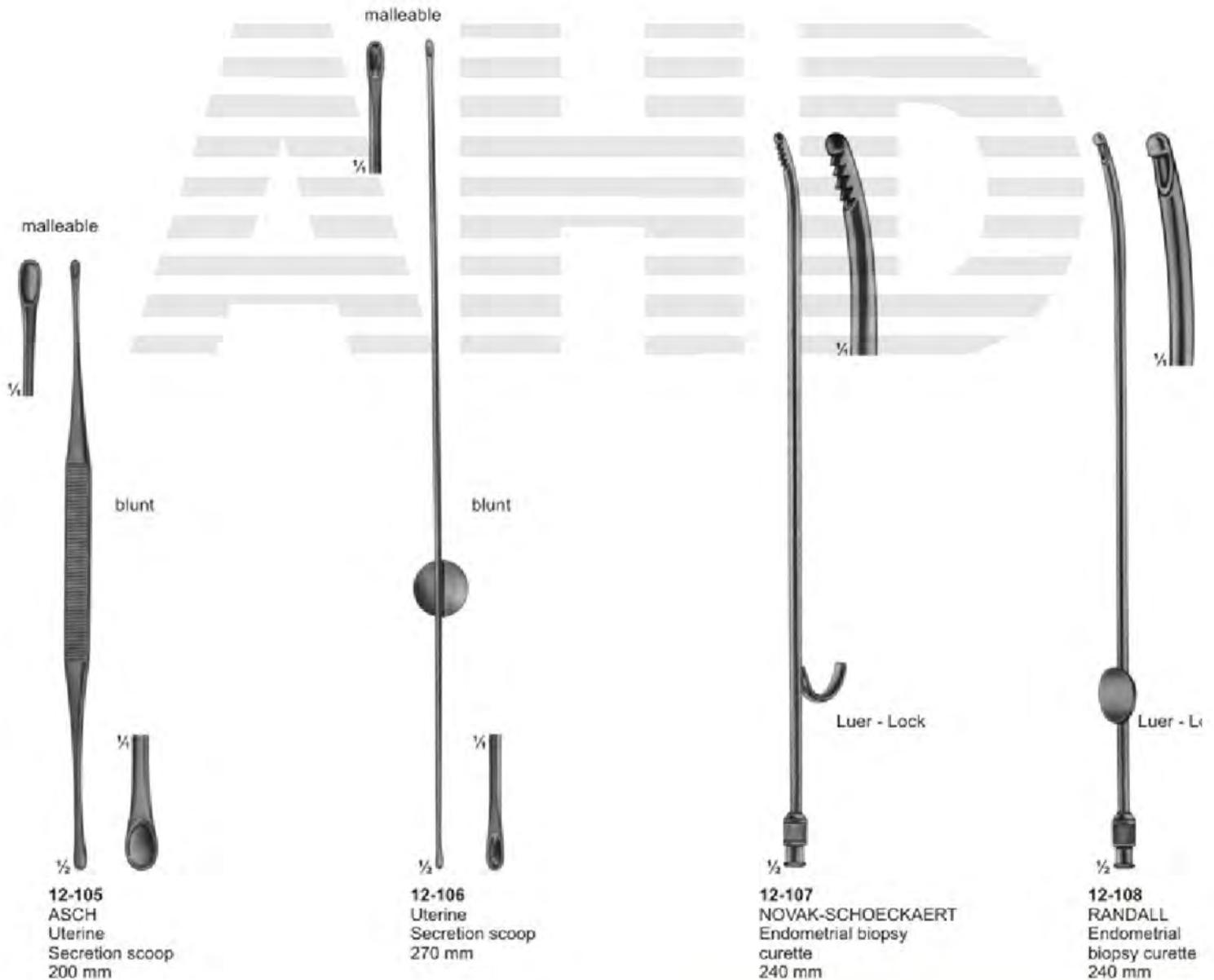


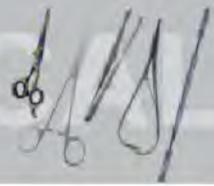
12-104
Buck
15 cm / 6 6/8"





Biopsy Curettes





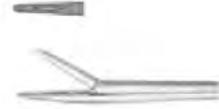
Ear Polypus Forceps



12-109
Hartmann-Wullstein
shaft length
85 mm



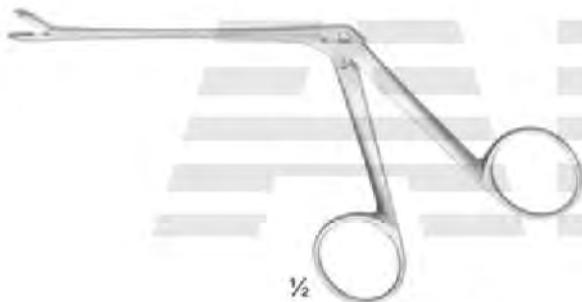
12-110
Hartmann-Wullstein
shaft length
85 mm



12-111
Hartmann
shaft length
85 mm



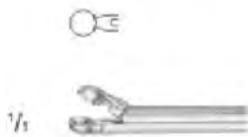
12-112
Hartmann
shaft length
85 mm



1/2

12-109 - 12-119

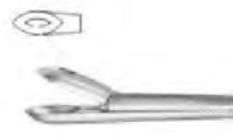
12-113
14 cm / 5 4/8"
shaft length
140 mm



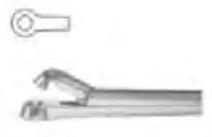
12-114
Hartmann-Herzfeil
2,0 mm
shaft length
85mm



12-115
Hartmann
3 mm
shaft length
85mm



12-116
shaft length
85mm



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

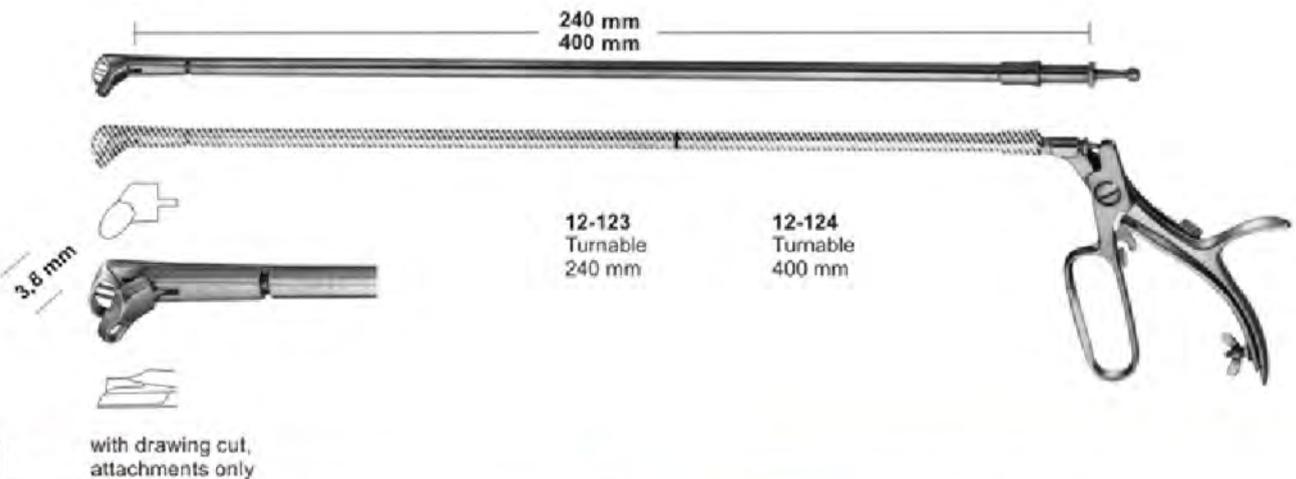
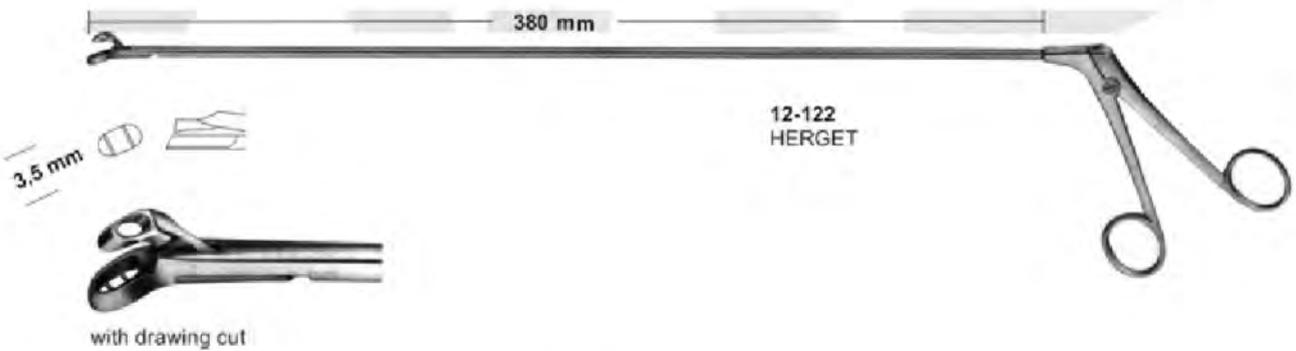
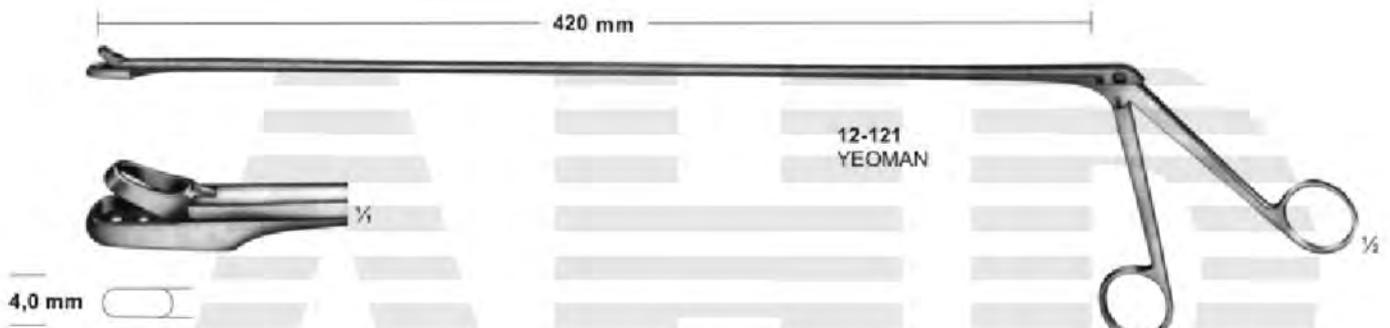
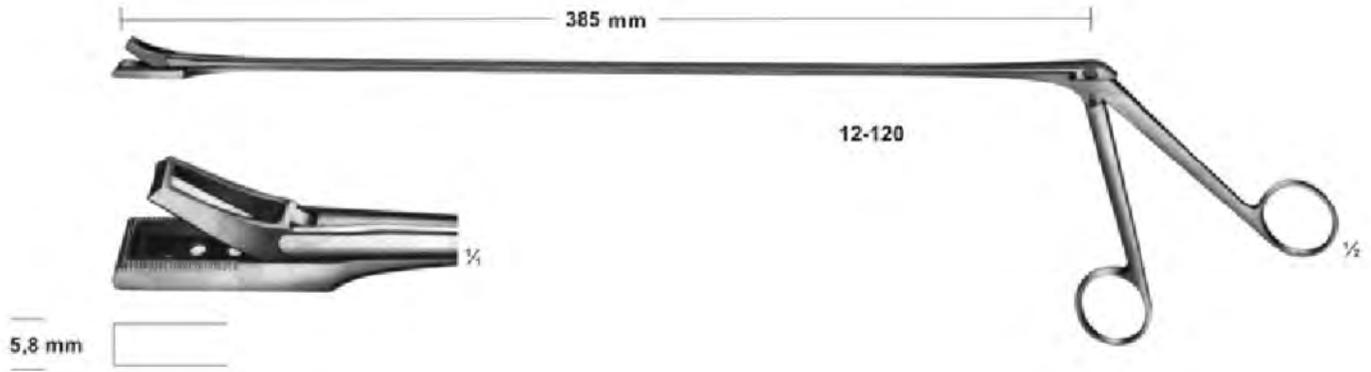
12-118
2,5 mm
85 mm

12-119
3,0 mm
85 mm



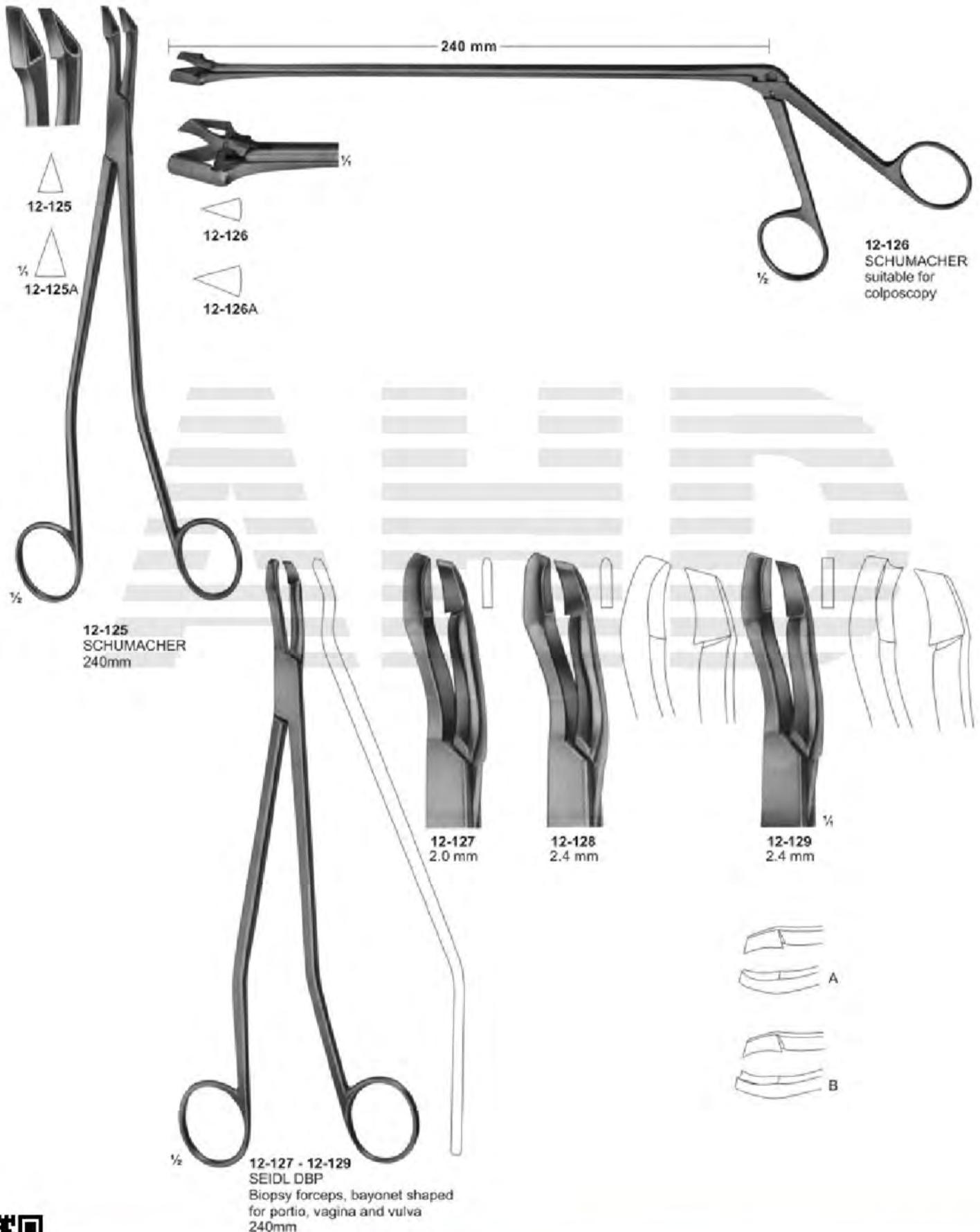


Biopsy forceps for rectum



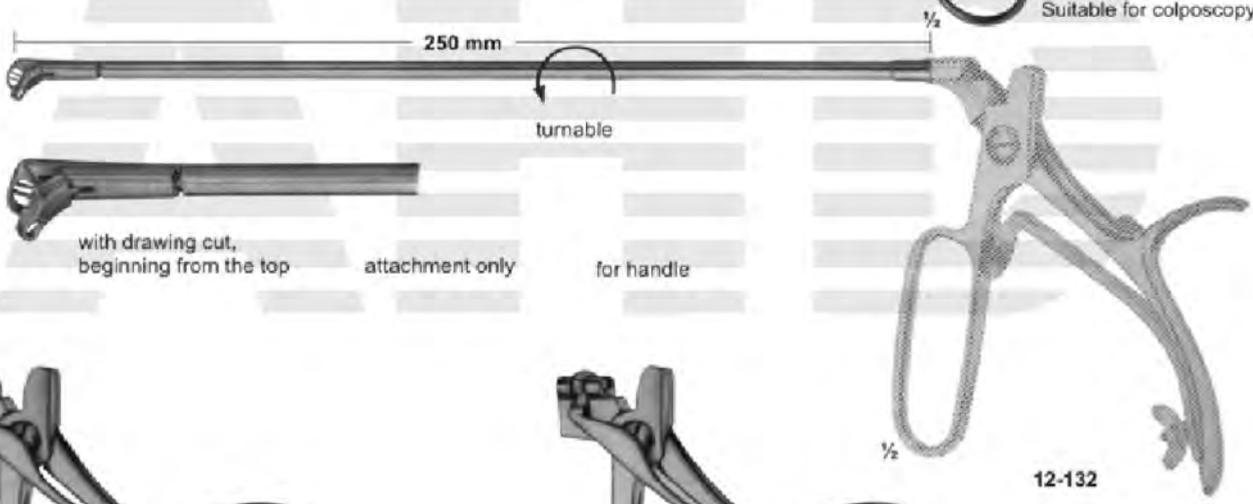
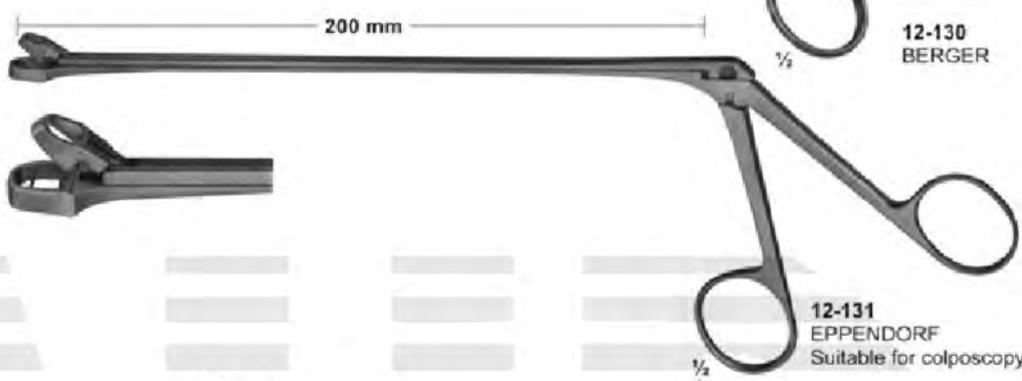
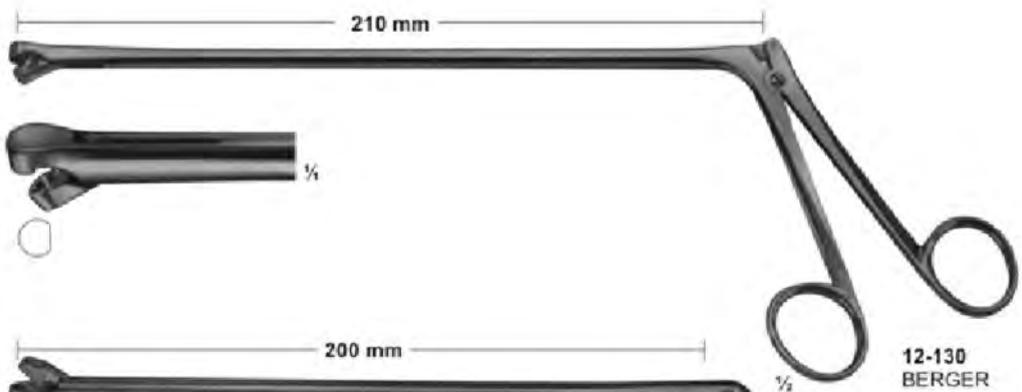


Biopsy Forceps



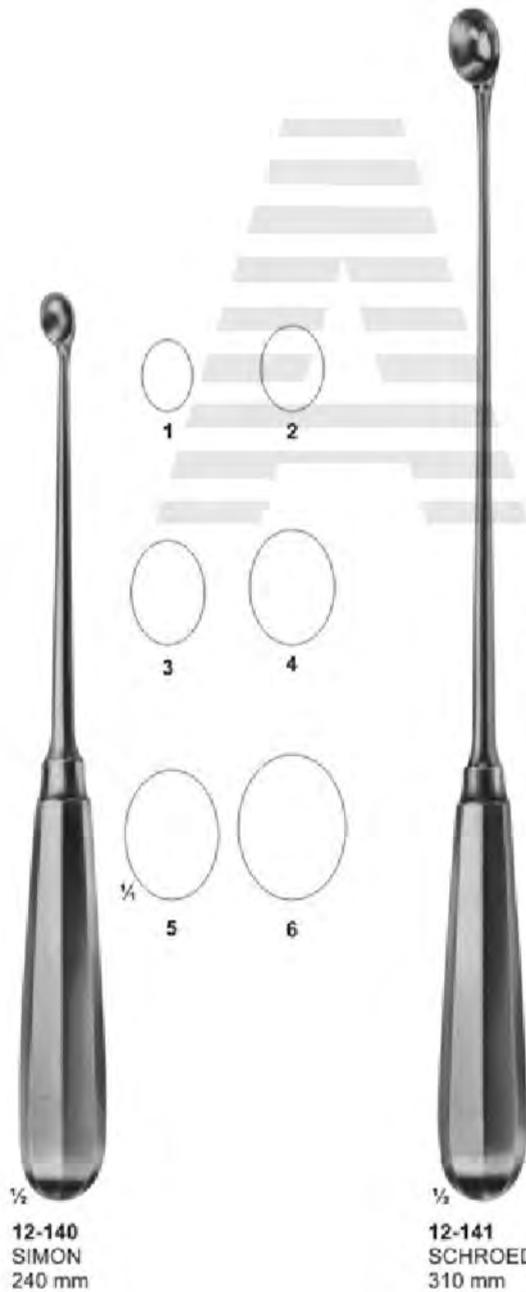


Biopsy Forceps





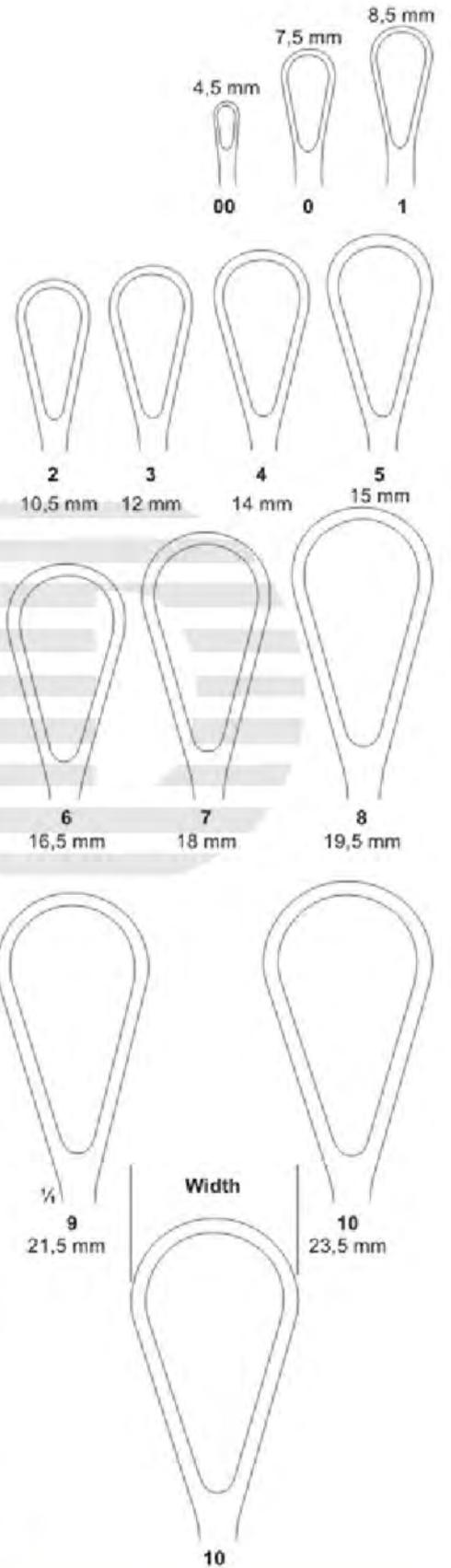
Uterine Scoops



1 2
6,8 mm 8,5 mm

3 4
10 mm 11,5 mm

5 6
13 mm 14,5 mm





Obstetrical Forceps



1/2

13-101
NAEGELE
355 mm



1/2

13-102
NAEGELE
400 mm



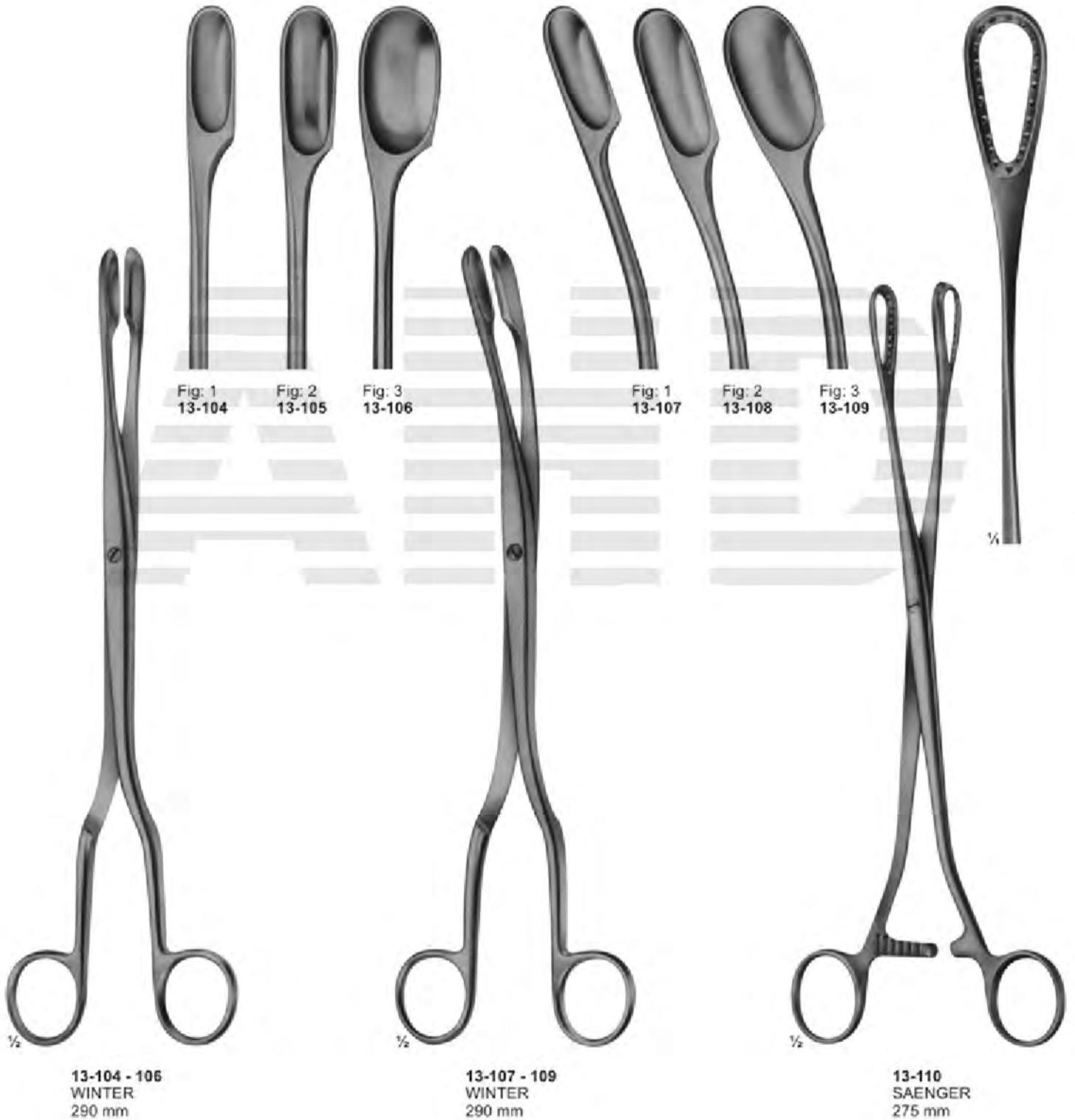
1/2

13-103
SIMPSON-BRAUN
305mm





Obstetrics- Placenta and Ovum Forceps



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
sharp

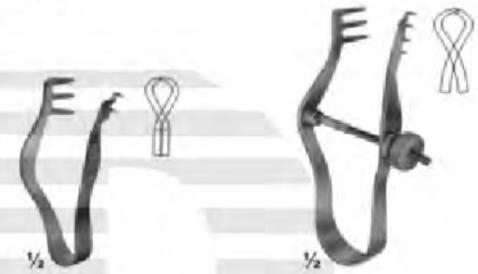


13-114
blunt



13-115
stumpf/blunt

13-113 - 115
180 mm



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

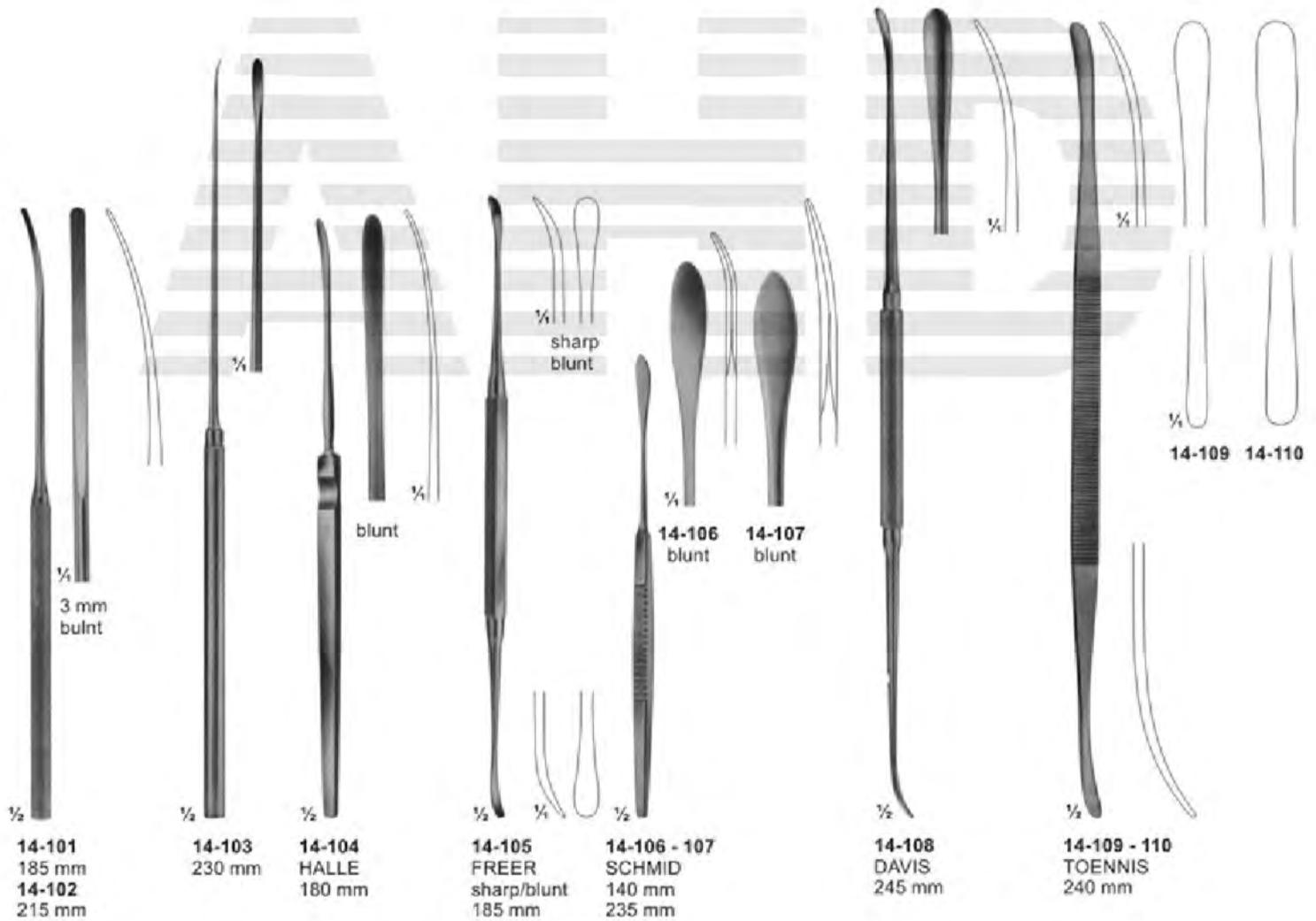


13-121
Cleaning Brush
for tracheal tube
285 mm



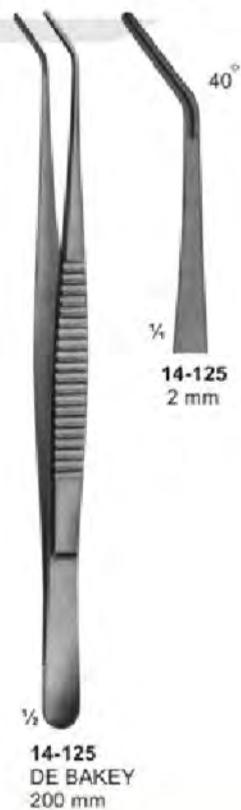
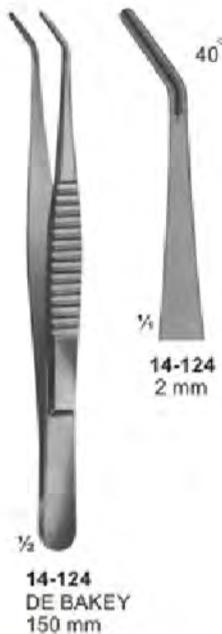
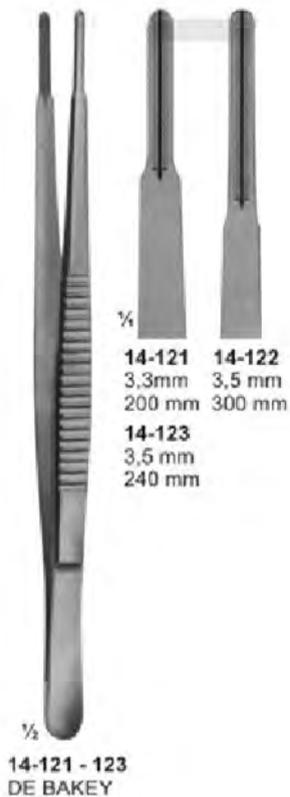
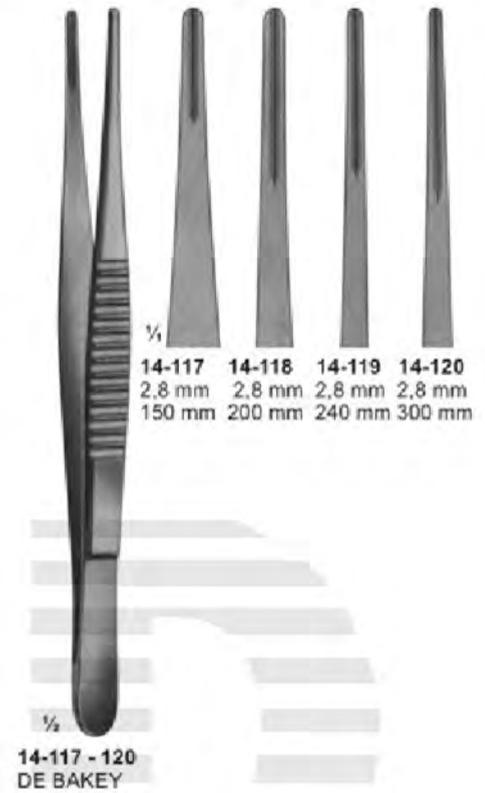
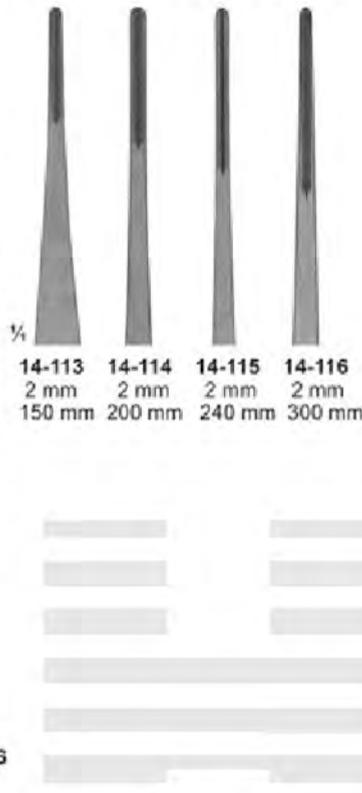
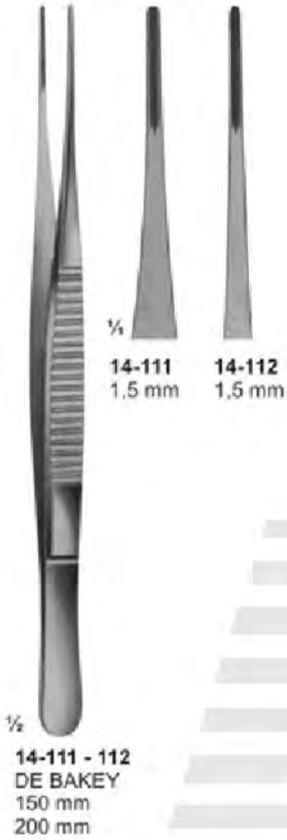


vascular spatulas



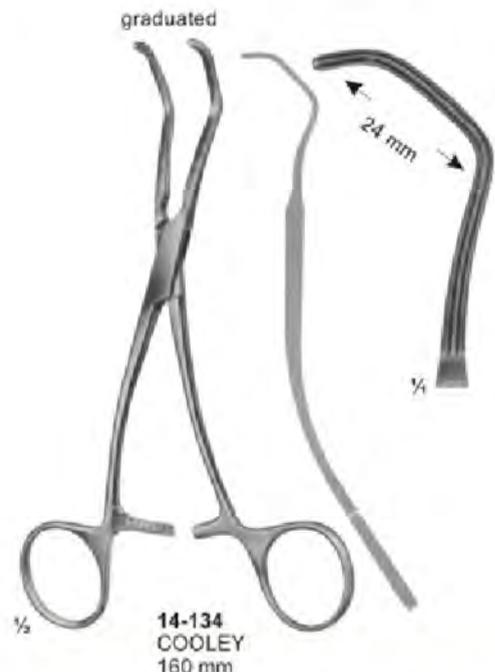
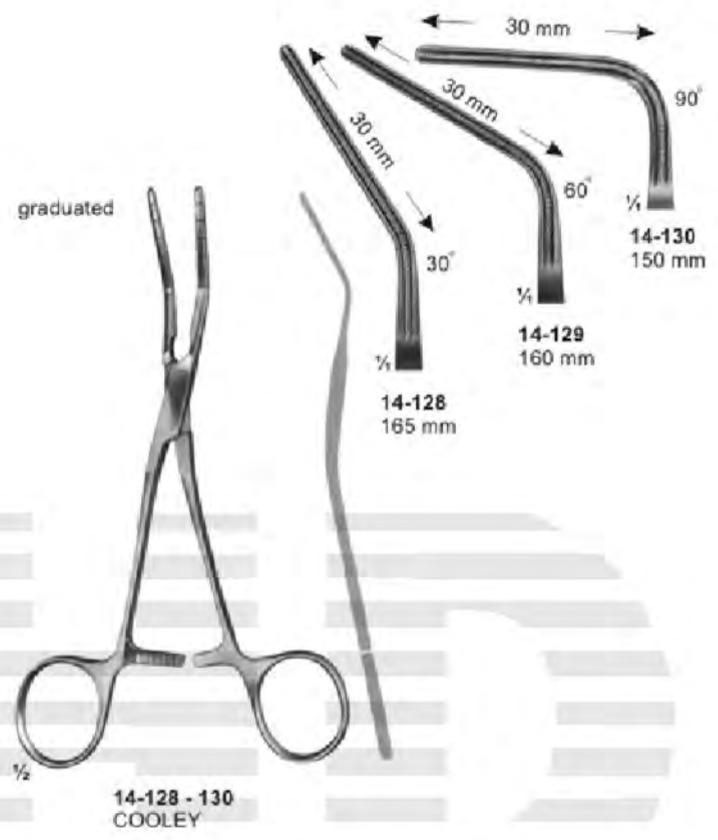
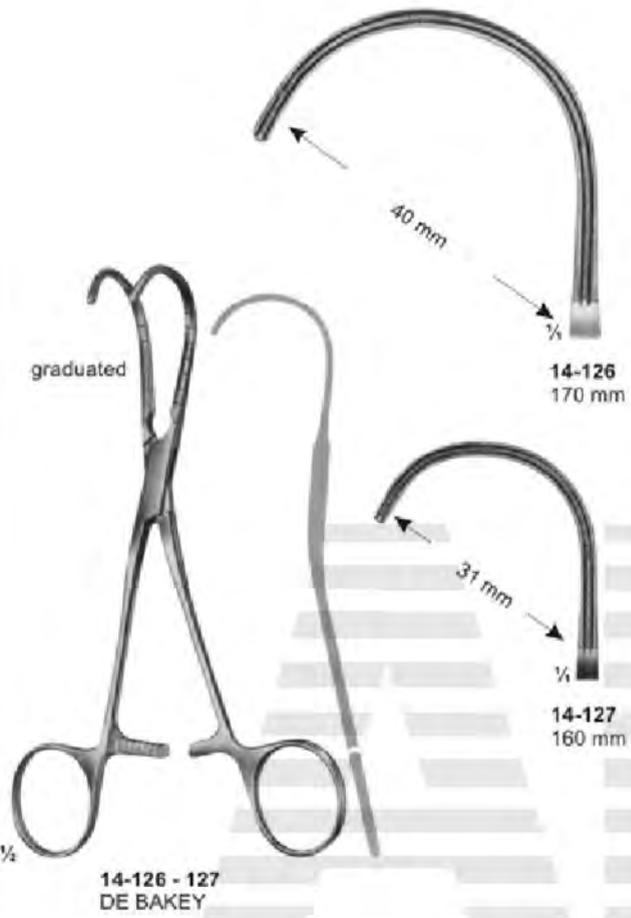


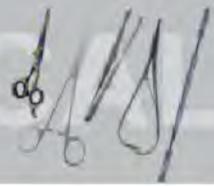
**ATRAUMATA
Forceps**





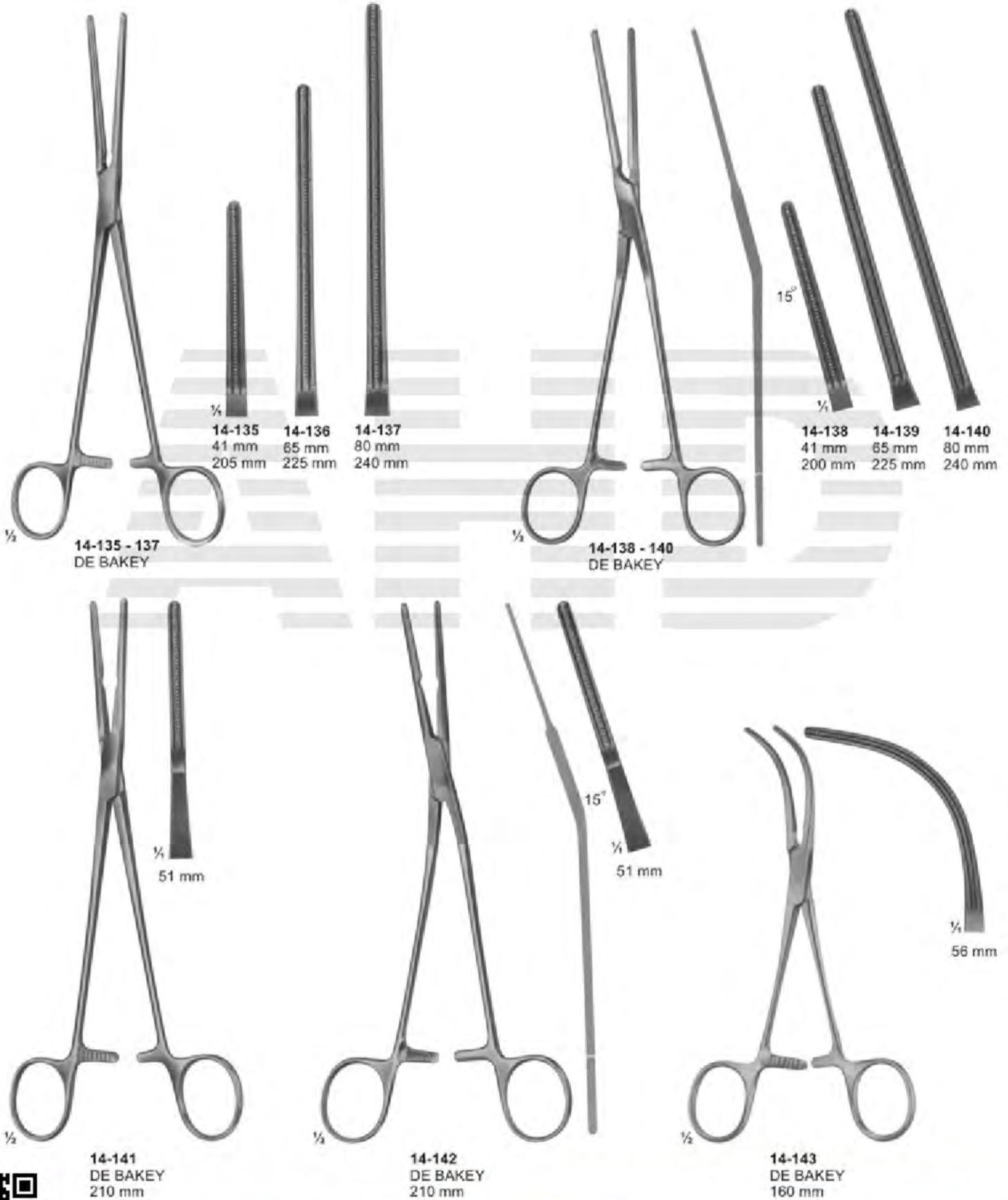
ATRAUMATA
Anastomosis- and Multi- Purpose- Clamps- Pediatric types





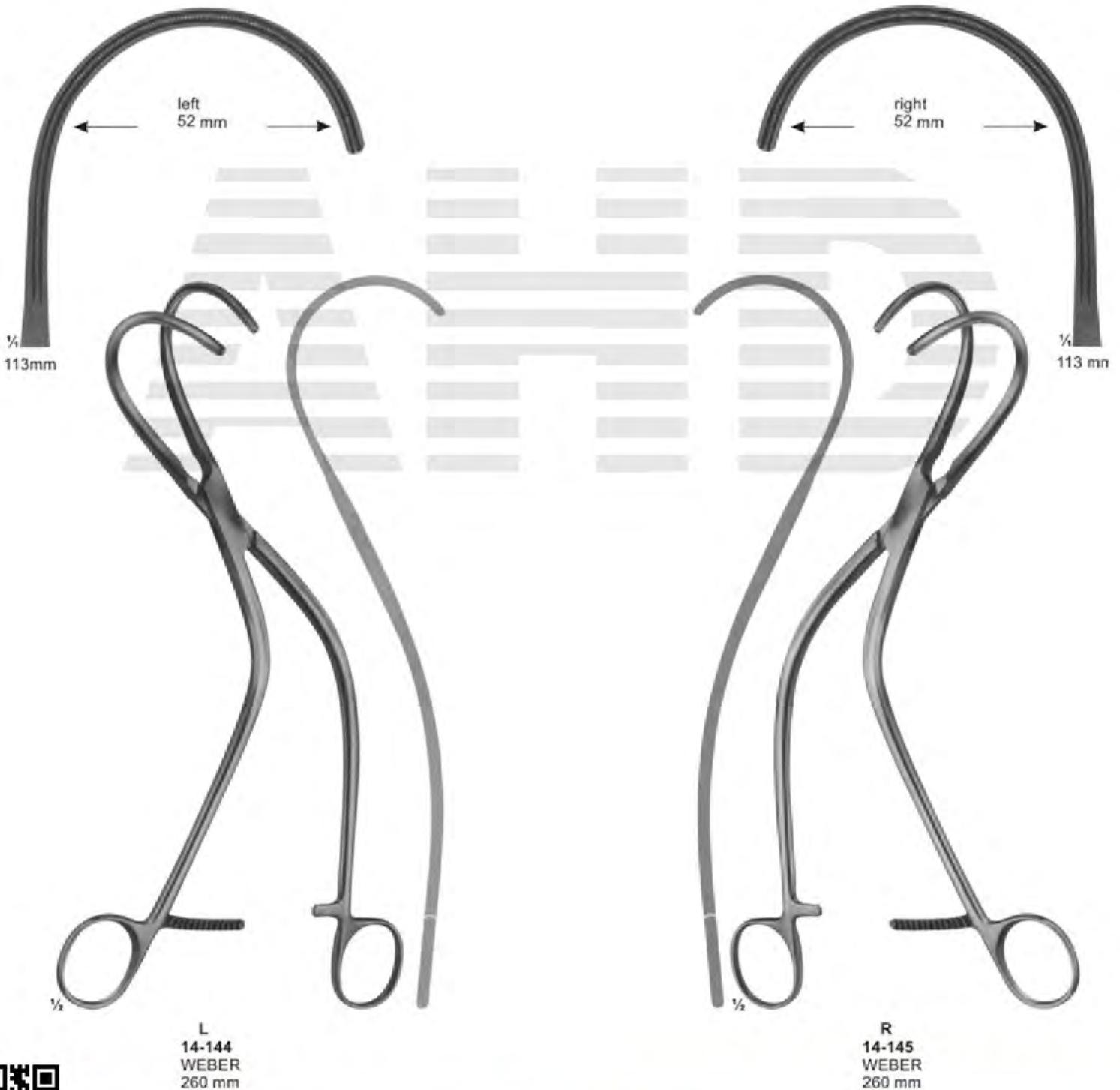
ATRAUMATA

Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamp





Aorta- Anastomosis Clamps

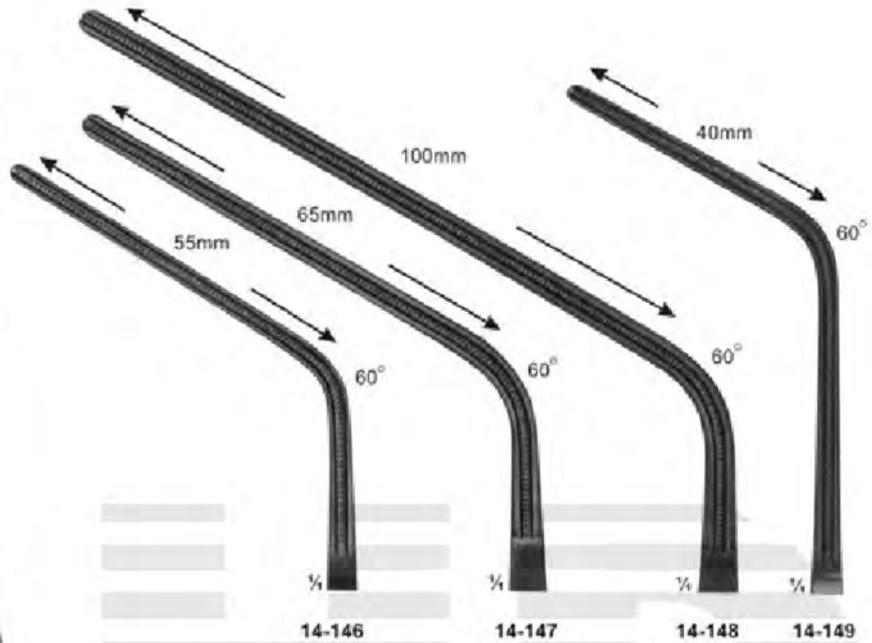




Multi- Purpose-Clamps



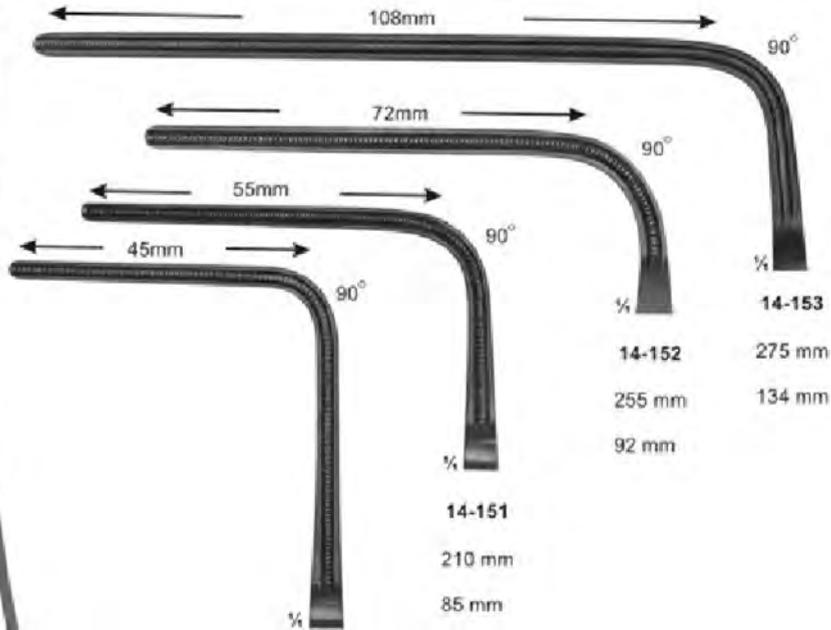
1/2 **14-146 - 149**
DE BAKAY



| | | | | |
|-----------------|---------------|---------------|---------------|---------------|
| | 14-146 | 14-147 | 14-148 | 14-149 |
| Total Length: | 230 mm | 280 mm | 305 mm | 240 mm |
| Length of jaws: | 85 mm | 100 mm | 135 mm | 93 mm |



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



| | | | | |
|-----------------|---------------|---------------|---------------|---------------|
| | 14-150 | 14-151 | 14-152 | 14-153 |
| Total Length: | 225 mm | 210 mm | 255 mm | 275 mm |
| Length of jaws: | 93 mm | 85 mm | 92 mm | 134 mm |





Sternum Instruments and Rib Shears



14-154
SCHUMACHER
Sternum shears
210 mm



14-155
LEBSCHE
Sternum chisel
200 mm



14-156
230 mm



14-157
COLLIN
195 mm



14-158
GLUCK
190 mm



14-159
BETHUNE
340 mm



14-160
BRUNNER
Universal pattern
340 mm



14-161
GIERTZ-STILLE
250 mm





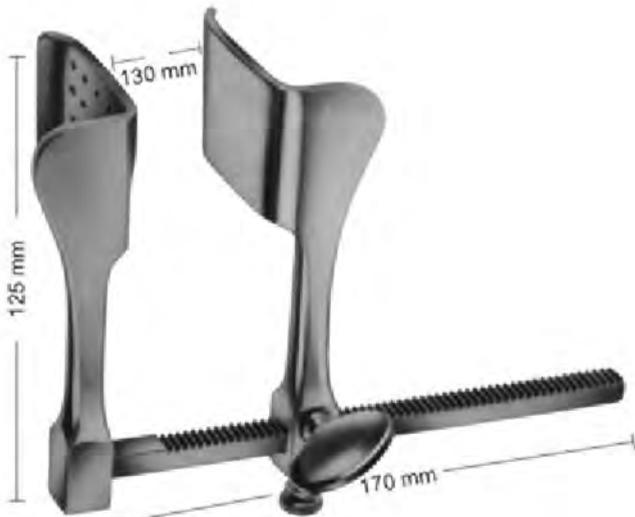
Rib Spreaders



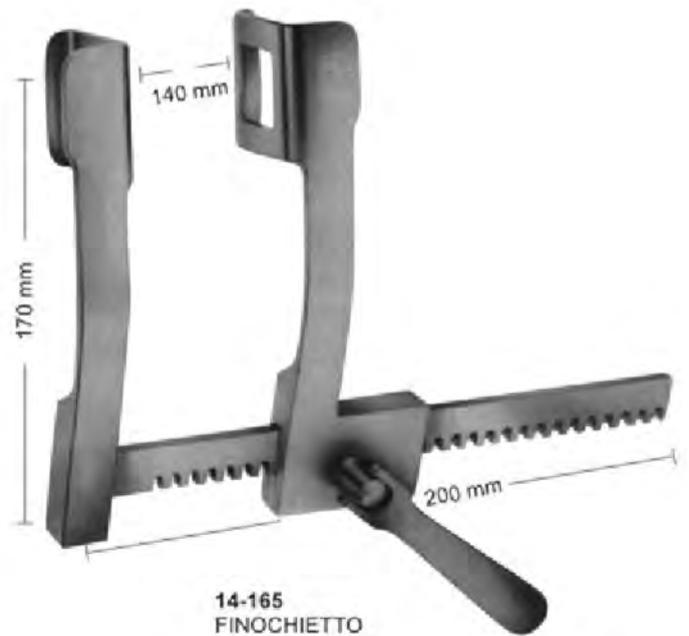
14-162
FINOCHIETTO
Blades
18X21 mm



14-163
HERTZLER
Blades
20X25 mm



14-164
TUFFIER
Blades
43X53 mm



14-165
FINOCHIETTO
Blades
36X45 mm





Rib Spreaders-and Contractors



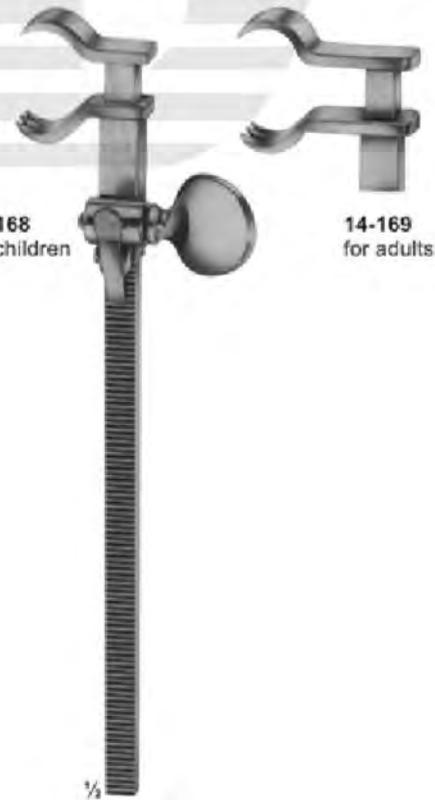
1/4

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



1/4

**14-167
BAILEY**
150 mm



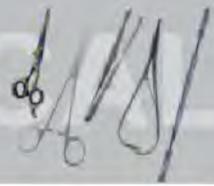
14-168
for children

14-169
for adults

1/4

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





Punches

130° upwards cutting

15-101
1 mm 
KERRISON - JACOBY

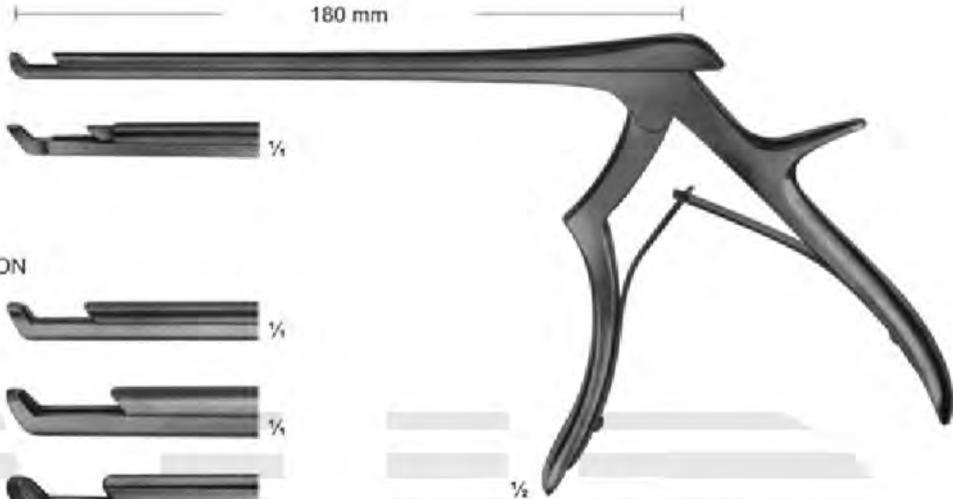
FERRIS-SMITH-KERRISON

15-102
2 mm 

15-103
3 mm 

15-104
4 mm 

15-105
5 mm 



15-101 - 105

90° upwards cutting

KERRISON - JACOBY

15-106
1 mm 

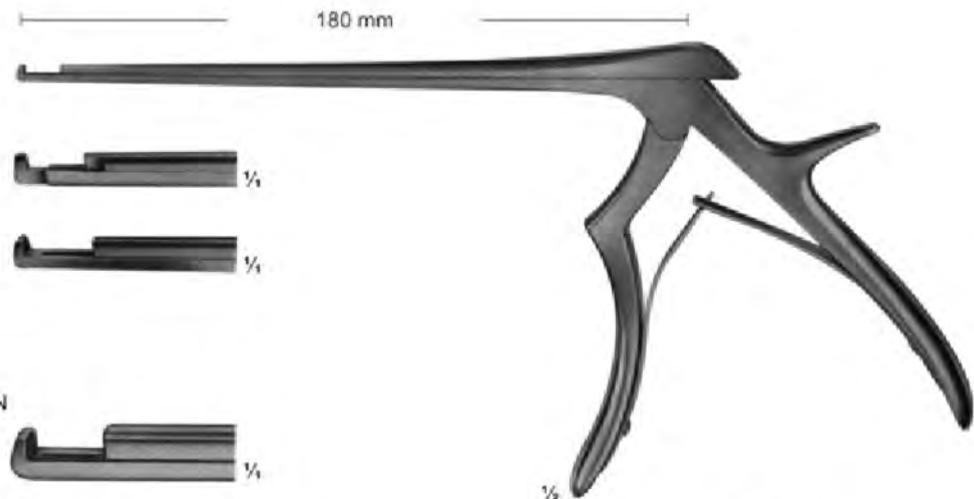
15-107
2 mm 

FERRIS-SMITH-KERRISON

15-108
3 mm 

15-109
4 mm 

15-110
5 mm 



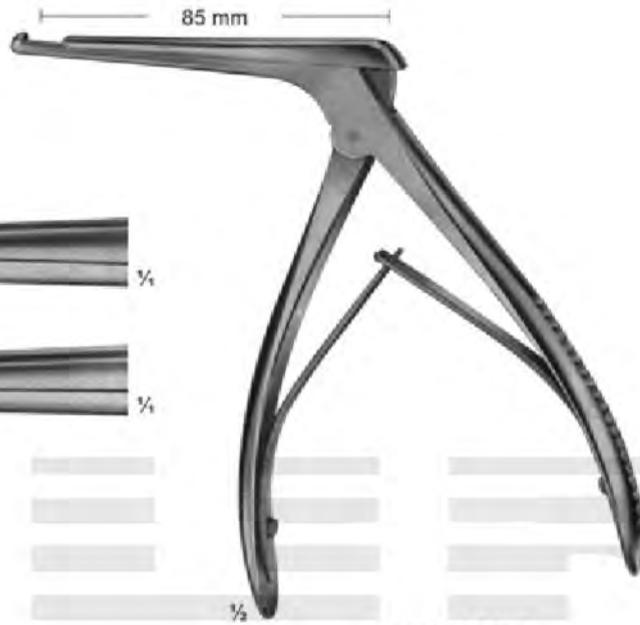
15-106 - 110





Punches

90° upwards cutting



15-111
4 mm



1/4

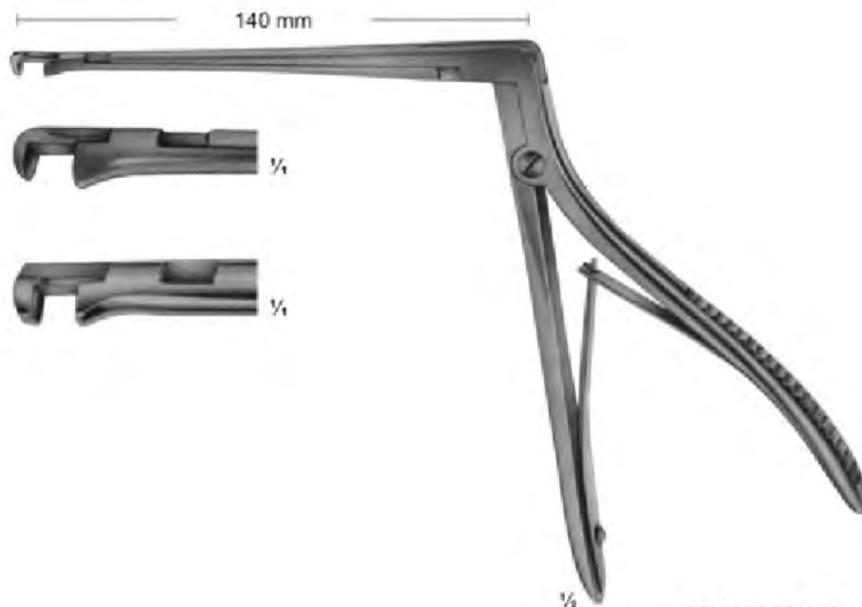
15-112
5 mm



1/4

15-111 - 15-112
KERRISON

90° upwards cutting



15-113
3,3 mm



1/4

15-114
4,0 mm



1/4

15-113 - 15-114
HAJEK-KOFLER





Rongeurs

LOVE-GRUENWALD

15-115
2 X 10 mm

15-116
3 X 10 mm

SPURLING
15-117
4 X 10 mm



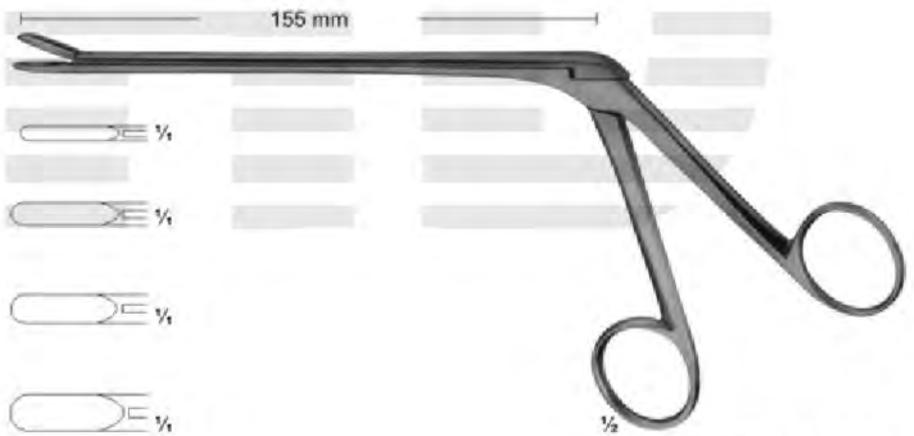
15-115 - 15-117

15-118
2 mm

15-119
3 mm

15-120
4 mm

15-121
5 mm



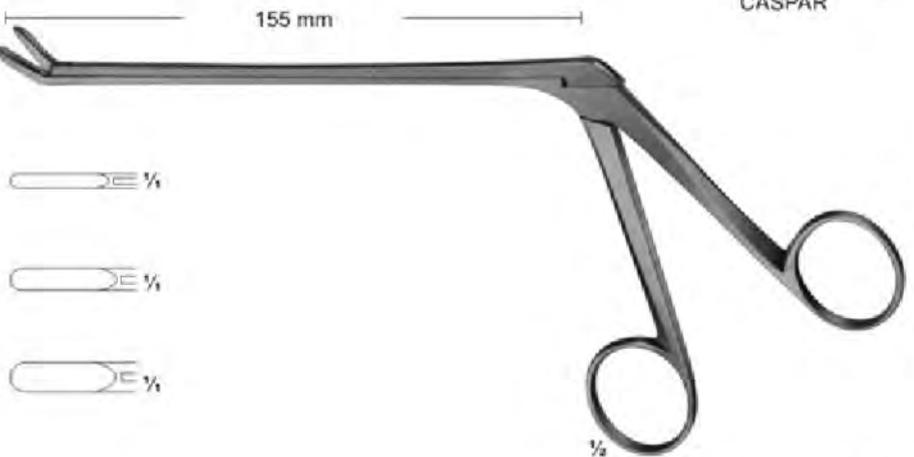
15-118 - 15-121
CASPAR

150°

15-122
2 mm

15-123
3 mm

15-124
4 mm



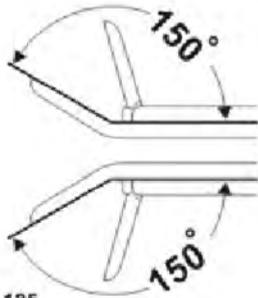
15-122 - 15-124
CASPAR





Rongeurs

Angled positions for rongeurs



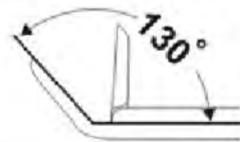
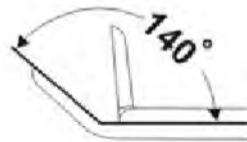
15-125
3,0 mm

15-126
3,6 mm

15-127
4,2 mm

15-128
4,8 mm

15-129
5,8 mm



120 mm



15-125 - 15-129
WEIL-BLAKESLEY

120 mm



15-130
TAKAHASHI
3 mm

130°

120 mm



15-131
TAKAHASHI
3 mm

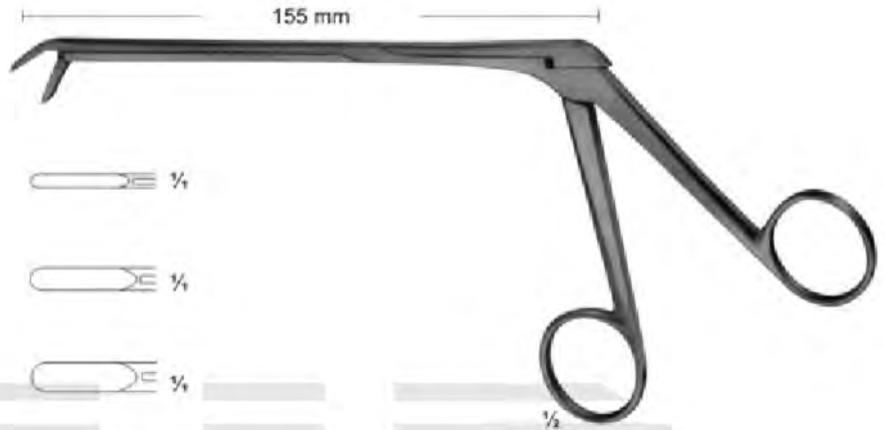




Rongeurs

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

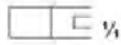




Rongeurs

145 mm

15-159
4 mm



Osteophyte Rongeur

180 mm

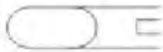
15-160
4 mm



Osteophyte Rongeur

200 mm

15-161
5.5 mm



Very Heavy Pattern

15-159
CASPAR

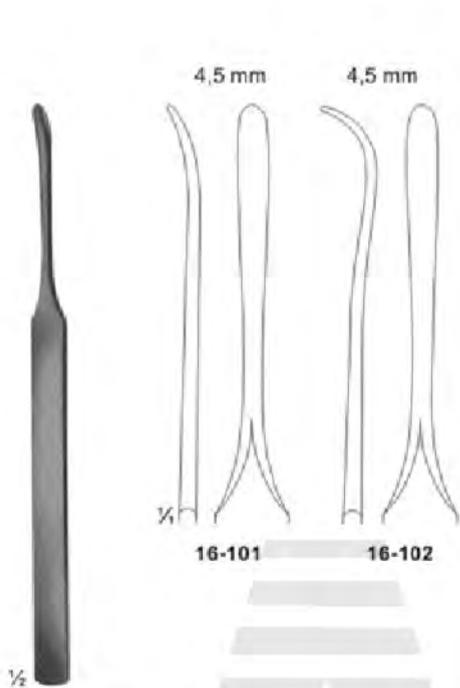
15-160
CASPAR

15-161
WAGNER





Elevators and Bone Levers



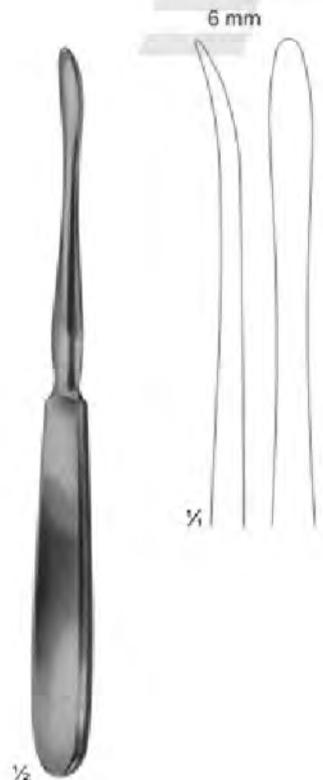
16-101 - 102
KONIG
155 mm



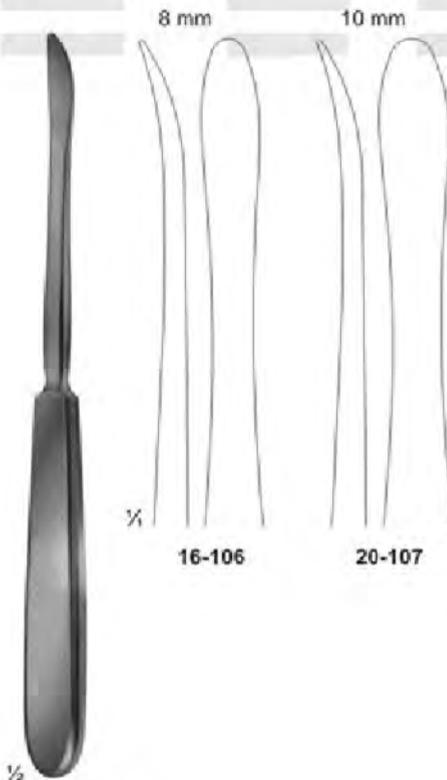
16-103
WILLIGER
165 mm



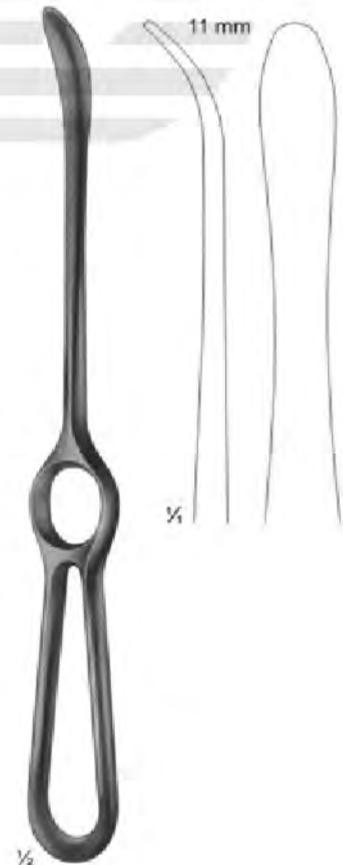
16-104
WILLIGER
170 mm



16-105
QUERVAIN
mm



16-106 - 107
LANGENBACK
195 mm



16-108
LANGENBACK
230mm





Bone Levers



1/2
16-109
LANE TRETOWAN
215mm

1/2
16-110
LANE
255mm

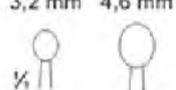
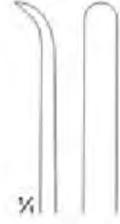
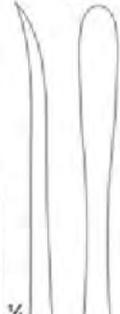
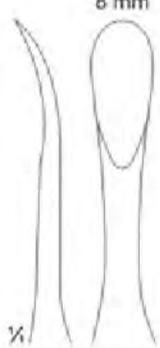
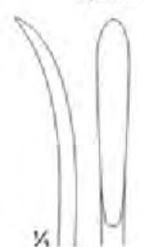
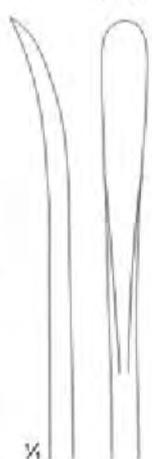
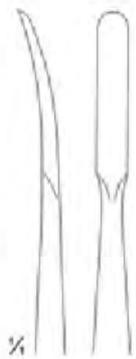
1/2
16-111
LANGE-HOHMANN
250mm

1/2
16-112 - 113
LANGE-HOHMANN modif.
16-112 265mm
16-113 280mm





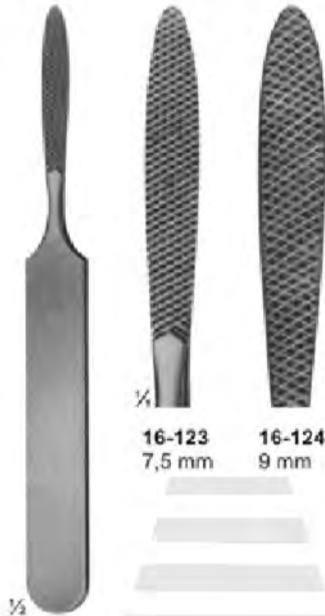
Raspatories

| | | | |
|--|--|---|--|
|  <p>3,2 mm 4,6 mm</p>  <p>16-114 16-115</p> <p>1/2</p> |  <p>4 mm</p>  <p>1/2</p> |  <p>4,4 mm</p>  <p>1/2</p> |  <p>5 mm</p>  <p>1/2</p> |
| <p>16-114 PARTSCH 150 mm</p> | <p>16-116 PARTSCH mod. LANGE 145 mm</p> | <p>16-117 MC KENTY 155 mm</p> | <p>16-118 KOENIG 155 mm</p> |
|  <p>8 mm</p>  <p>1/2</p> |  <p>4,2 mm</p>  <p>1/2</p> |  <p>6 mm</p>  <p>1/2</p> |  <p>4 mm</p>  <p>1/2</p> |
| <p>16-119 TRELAT 140 mm</p> | <p>16-120 WILLIGER 140 mm</p> | <p>16-121 WILLIGER 160 mm</p> | <p>16-122 JOSEPH 170 mm</p> |





Bone File and Rasps

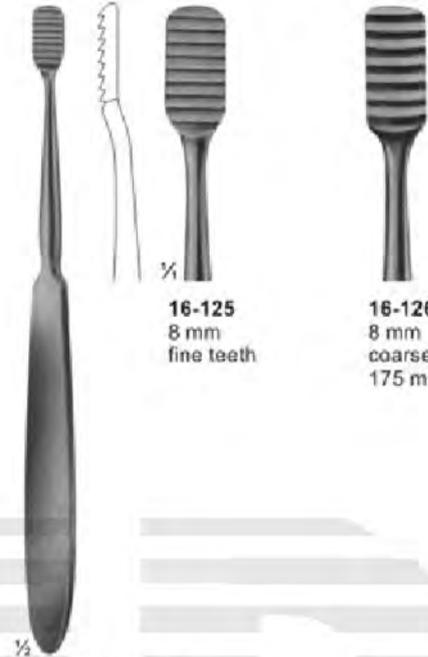


16-123
7,5 mm

16-124
9 mm

16-123
JOSEPH
fine, chequered

16-124
coarse, chequered
165 mm



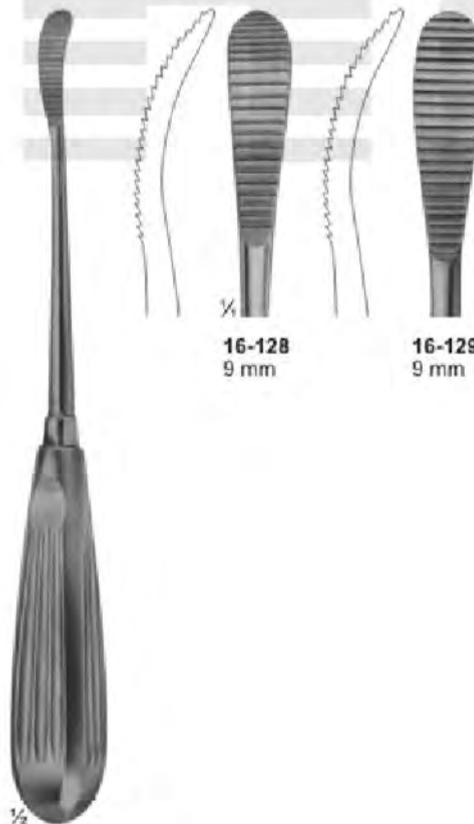
16-125
8 mm
fine teeth

16-126
8 mm
coarse teeth
175 mm

16-125 - 16-126
LEWIS



16-127
MALTZ
down stroke
180 mm



16-128
9 mm

16-129
9 mm

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



16-130
GALLAHER
190 mm





Bone Currettes



16-131
JACOBSON
140 mm



16-132
MARTINI
140 mm



16-133
MARTINI
140 mm



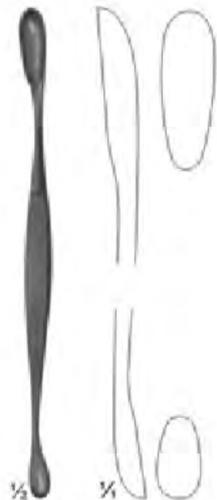
16-134
WILLIGER
145 mm



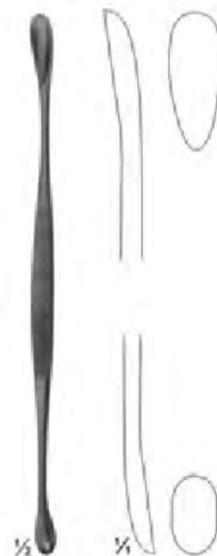
16-135
JANSEN
160 mm



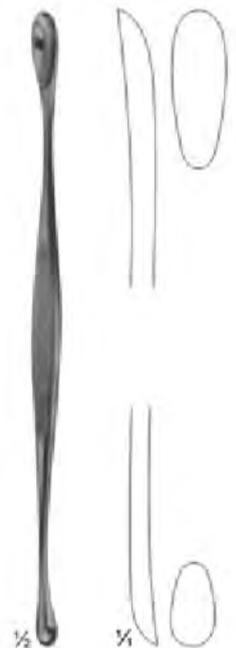
16-136
BARTH
180 mm



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



1/2
17-101
MEAD
185 g
with interchangeable
plastic disks
190 mm
17-102
pair of spare disks

1/2
17-103
140 g
with interchangeable
plastic disks
185 mm
17-104
pair of spare disks

1/2
17-105
COTTLE
140 g
1 Side Flat
1 Side convex
185 mm

1/2
17-106
165 g
lead filled head
190 mm





Osteotomes, Chisels and Gouges

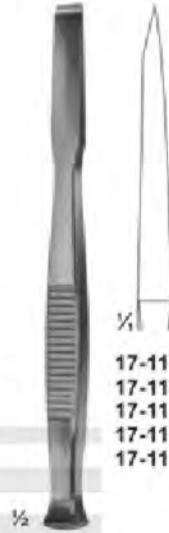


17-107
MANNERFELT
Gouge
155 mm



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

17-108 - 112
Osteotomes
140 mm



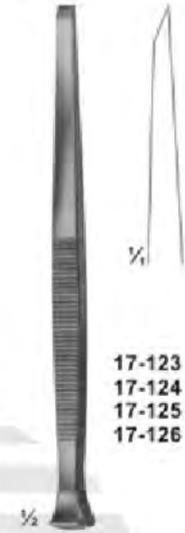
- 17-113 4 mm
- 17-114 6 mm
- 17-115 8 mm
- 17-116 10 mm
- 17-117 12 mm

17-113 - 117
Chisels
140 mm



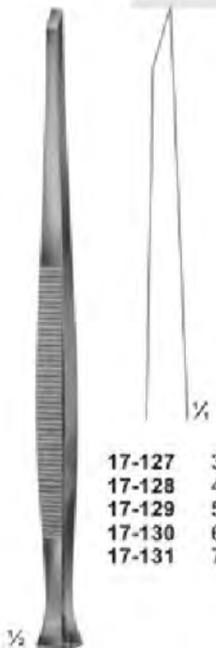
- 17-118 4 mm
- 17-119 6 mm
- 17-120 8 mm
- 17-121 10 mm
- 17-122 12 mm

17-118 - 122
Gouges
140 mm



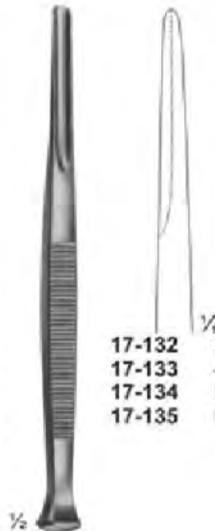
- 17-123 3 mm
- 17-124 4 mm
- 17-125 5 mm
- 17-126 6 mm

PARTSCH
17-123 - 126
Chisels
140 mm



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

PARTSCH
17-127 - 131
Chisels
170 mm



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

PARTSCH
17-132 - 135
Gouges
140 mm



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

PARTSCH
17-136 - 140
Gouges
170 mm



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

LUCAS
17-141 - 142
Chisels
160 mm



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

LUCAS
17-143 - 144
Gouges
160 mm





Reposition Forceps, Bone Holding Forceps



17-145
Patella forceps
185 mm



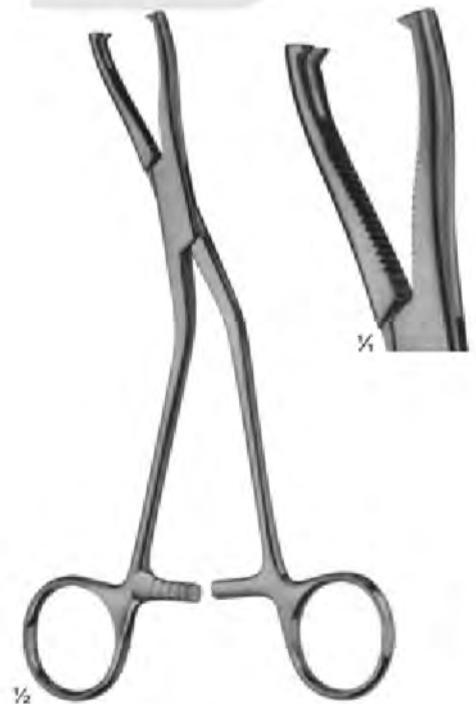
17-146
Forceps with
ratchet fixation
140 mm



17-147
Forceps with
thread fixation
170 mm



17-148
Forceps with
thread fixation
235 mm



17-149
DINGMANN
185 mm





Bone Holding Forceps & Bone Clamps



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

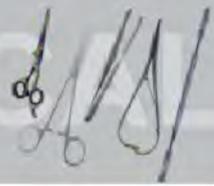


17-162 - 163
JANSEN
175 mm



17-164
BANE-HARTMANN
175 mm





Bone Rongeurs



17-165
STILLE
235 mm



17-166
LEKSELL-STILLE
240mm

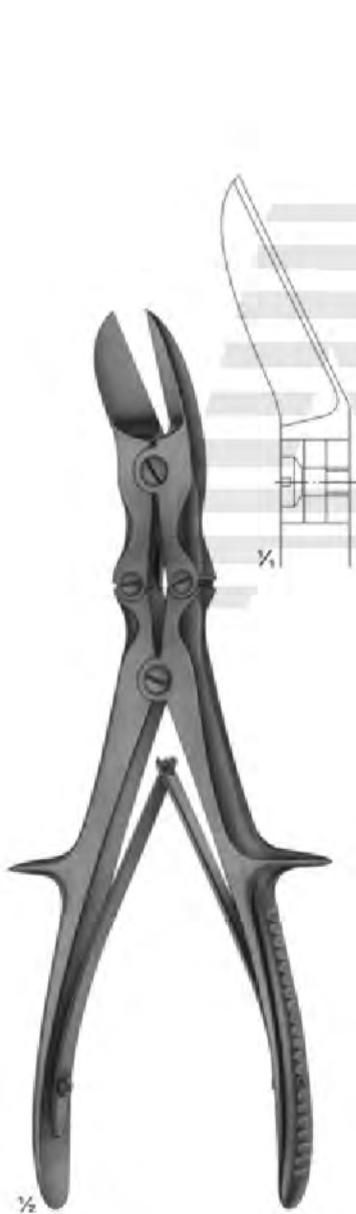


17-167
STILLE-RUSKIN
240mm

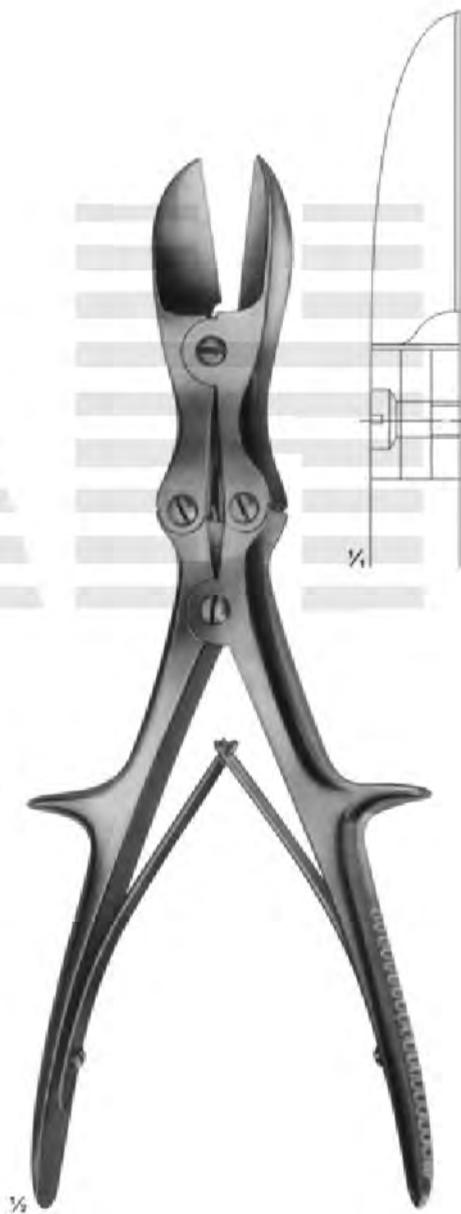




Bone Cutting Forceps



17-168
LISTON
curved on flat
240 mm



17-169
LISTON
straight
280 mm

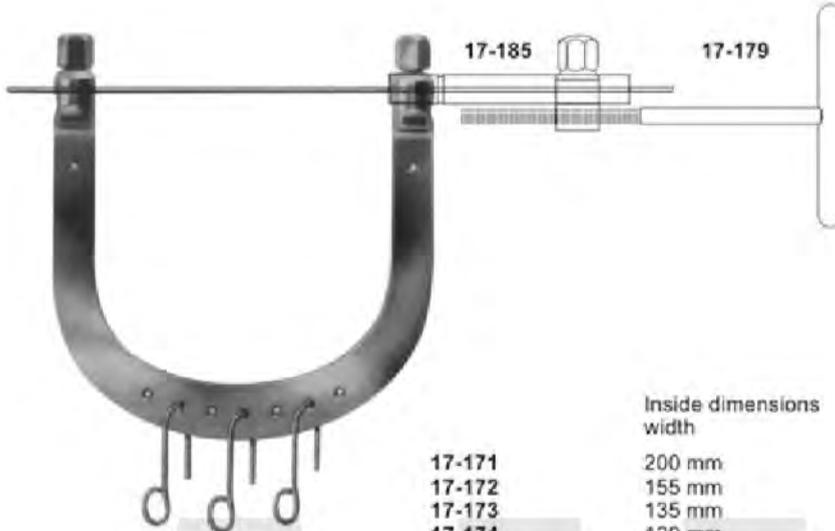


17-170
LISTON
curved on flat
280 mm





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

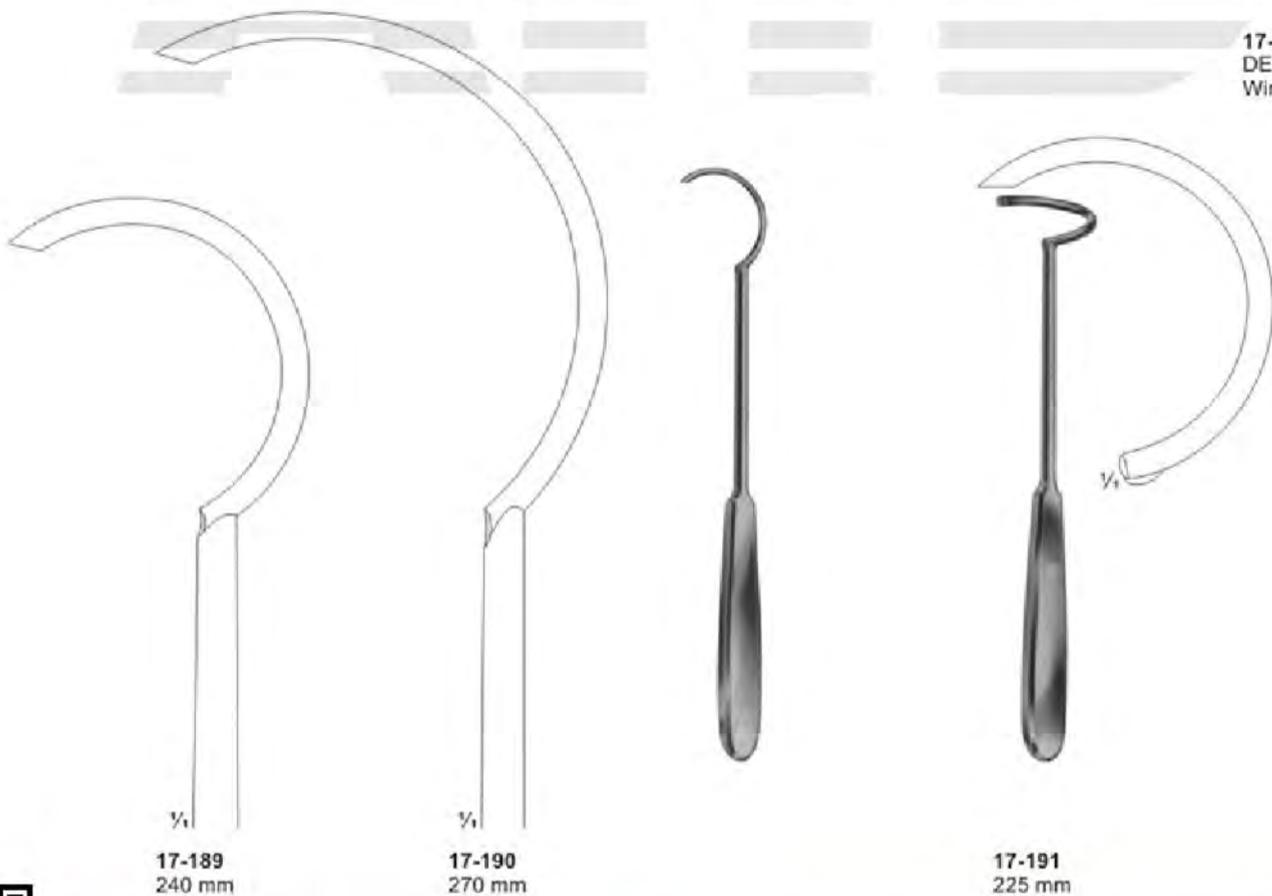
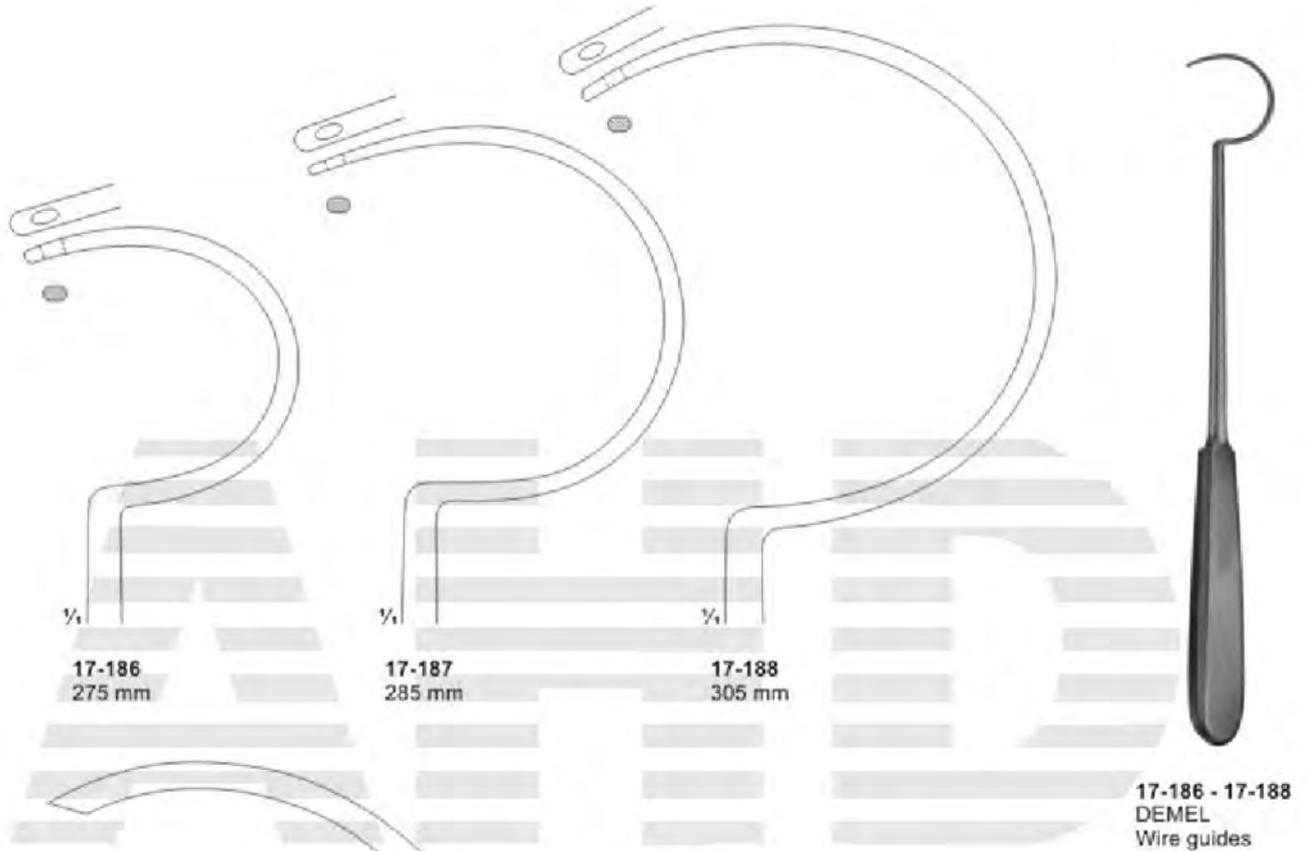


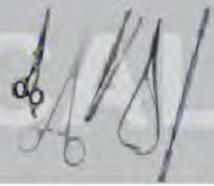
17-185
 Fixation clamp, to secure clamping
 jaws of 17-179 stainless steel





Cerclage Instruments





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

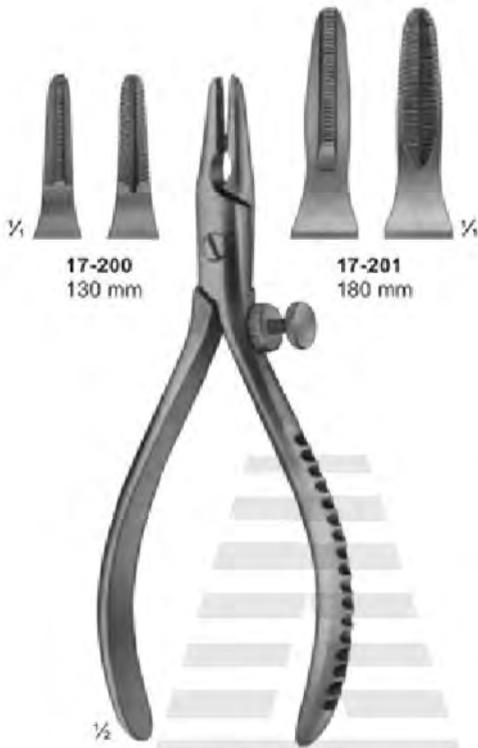


17-199
190 mm





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



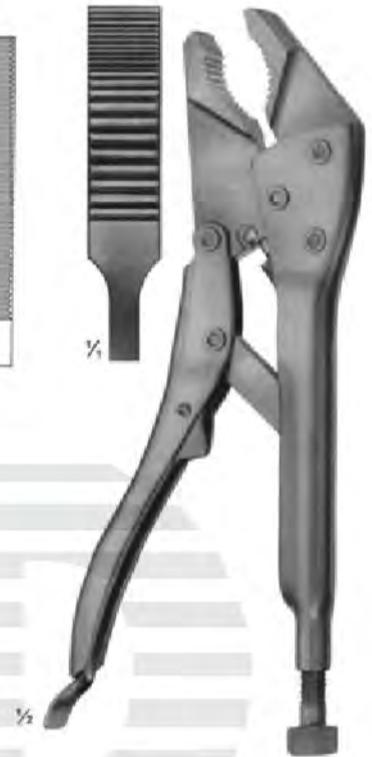
17-200
130 mm

17-201
180 mm

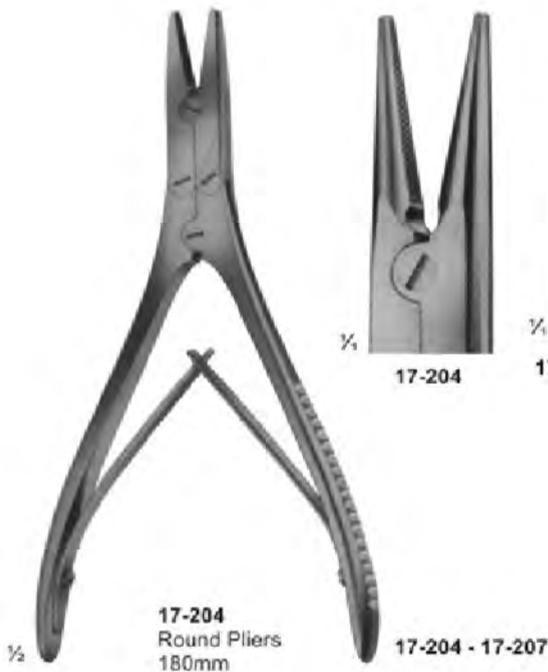
17-200 - 17-201
Extraction pliers
for boring wires



17-202
Flat-nosed pliers,
parallel
185 mm



17-203
Vise grip
200 mm



17-204
Round Pliers
180mm

17-204 - 17-207

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



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





**Wire Cutters and wire Cutting Scissors
DUROTIP with Carbide Cutting Edges**

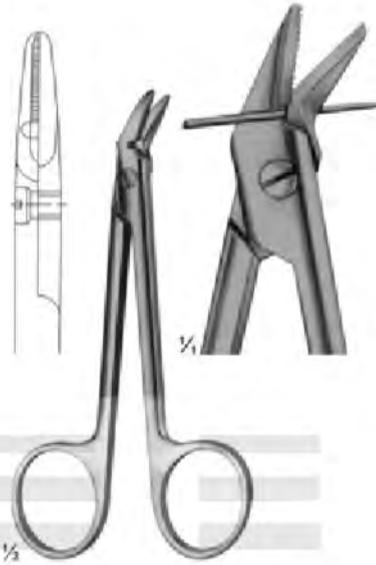


17-209
ANGLE
130 mm

17-210
DUROTIP
ANGLE
130 mm

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

0,5 mm 0,6 mm
0,3 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 1,2 mm
0,8 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

1/2

17-220
240 mm

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



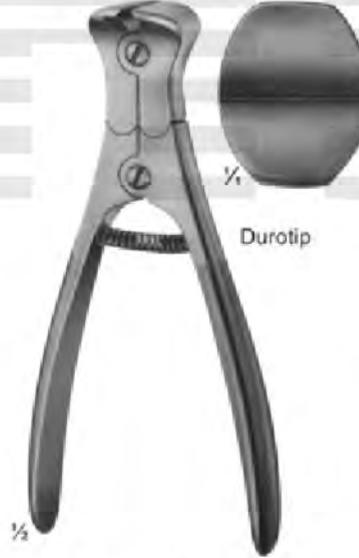
1/4

Durotip

1/2

17-221
145 mm

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



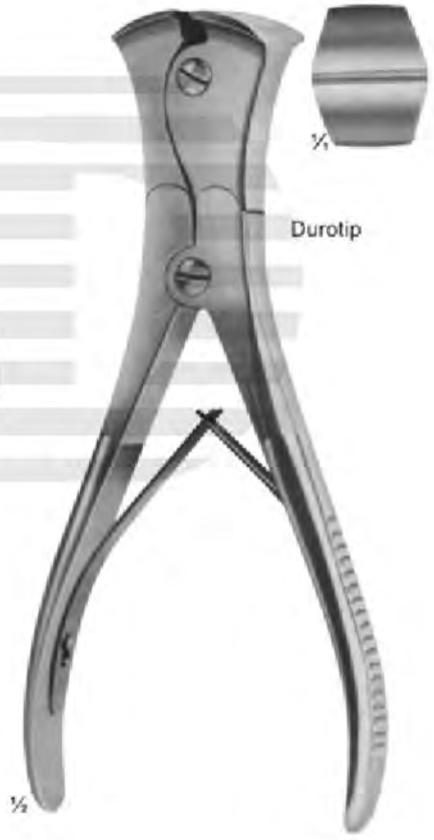
1/4

Durotip

1/2

17-222
145 mm

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



1/4

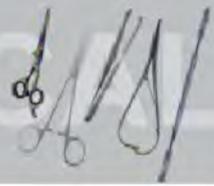
Durotip

1/2

17-223
220 mm

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





Wire Cutting Pliers



17-224
320 mm

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



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



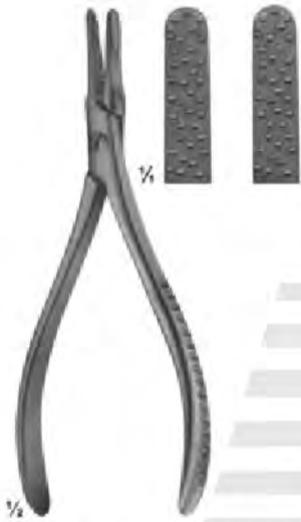
DUROTIP

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





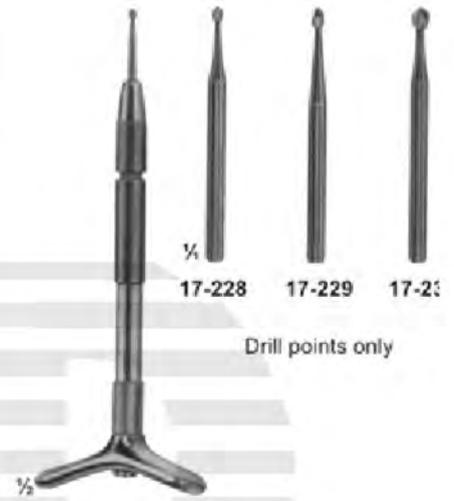
Finger Nail Instruments



17-226
Nail extracting
forceps
135 mm

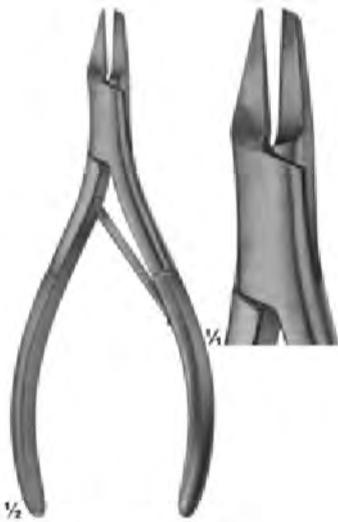


17-227
Nail extracting
forceps
145 mm



17-228
Finger nail drill
with 3 drill points

17-228 17-229 17-230
Drill points only



17-231
Nail splitting
forceps
135 mm



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



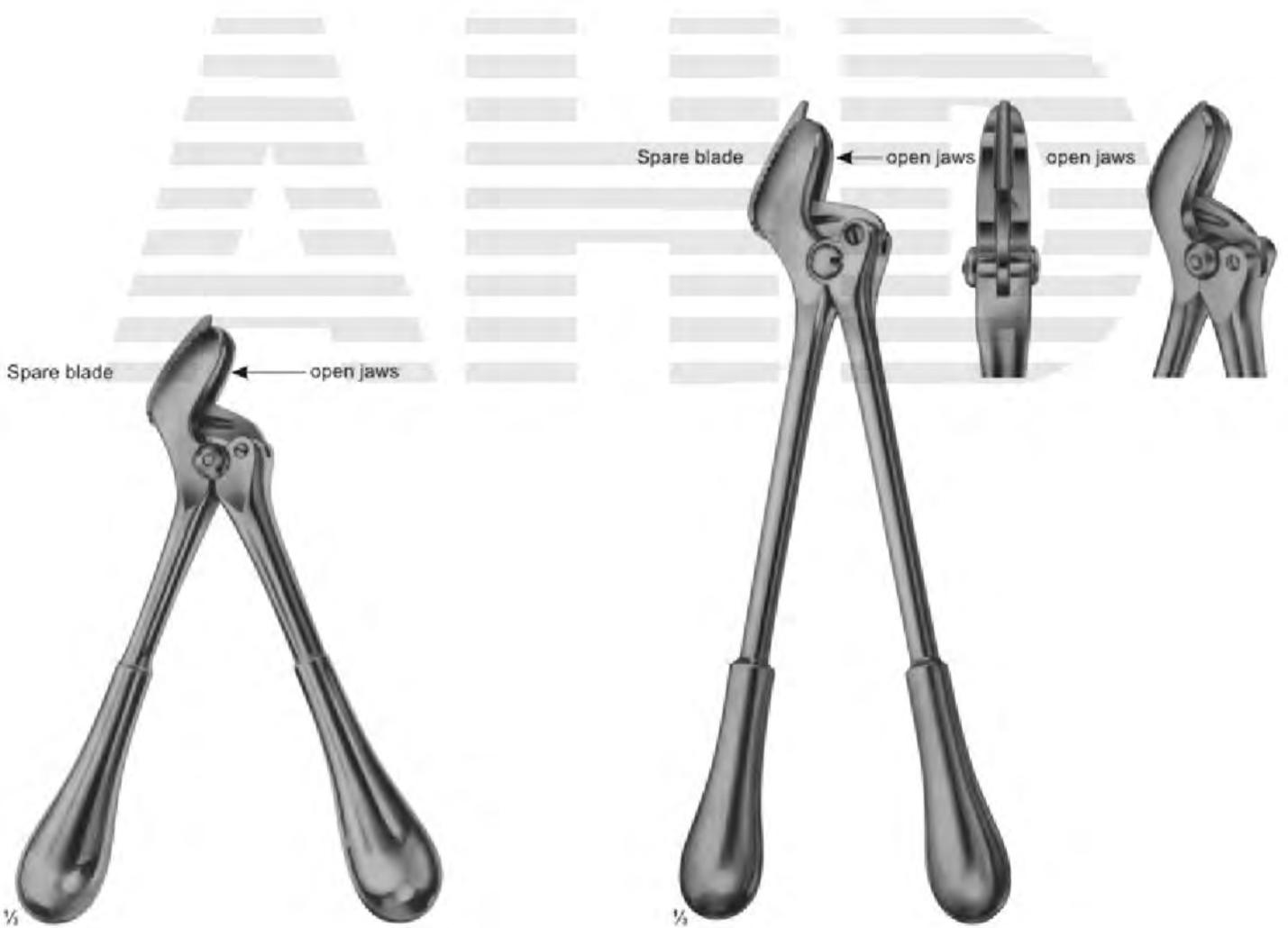
17-233
Finger ring saw
150 mm

Spare blade
17-234





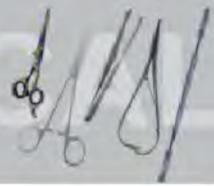
Plaster Shears



17-235
STILLE-AESCLAP
260 mm

17-236
STILLE-AESCLAP
360 mm





Plaster Spreader, Plaster Breakers



17-237
HENING
270 mm



17-238
MOD.USA
230 mm



17-239
290 mm



with removable jaws

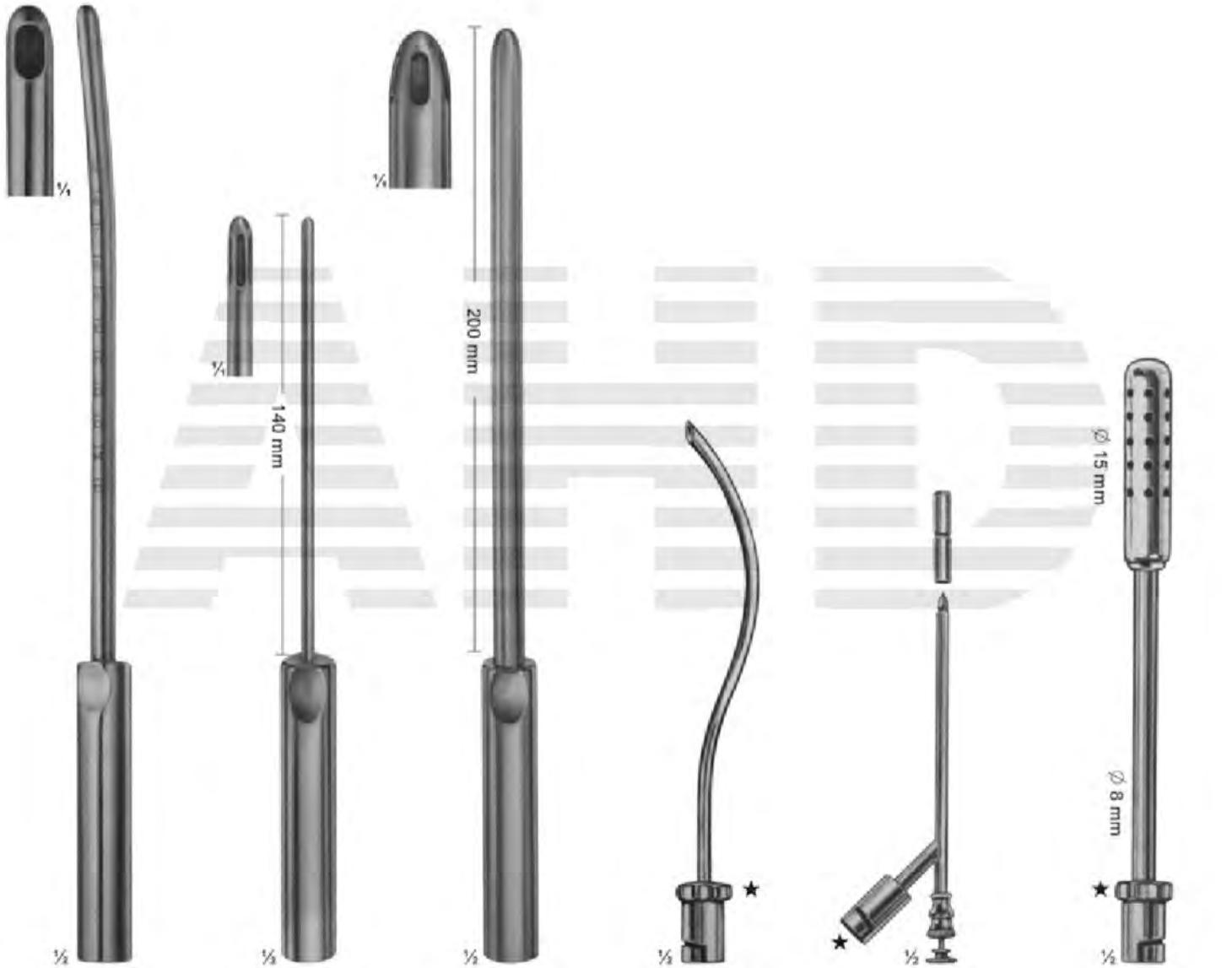


17-240 - 17-241
WOLFF
17-240 180 mm
17-241 240 mm
plaster breakers





**Vacuum Curettes for Aspiration Lipectomy,
Suction Instruments**



18-101 - 18-106
BIEMER
18-101 \varnothing 4 mm
18-102 \varnothing 6 mm
18-103 \varnothing 8 mm
18-104 \varnothing 10 mm
18-105 \varnothing 12 mm
18-106 \varnothing 14 mm
Curettes for aspiration lipectomy, graduated, slightly curved

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

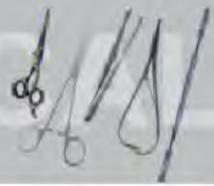
18-109 - 18-111
BIEMER
18-109 \varnothing 8 mm
18-110 \varnothing 10 mm
18-111 \varnothing 12 mm
Curettes for aspiration lipectomy, with three apertures, slightly curved malleable

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

18-113
Trocar
For puncturing
150 mm

18-114
For clearing large quantities of fluid
190 mm





Suction Instruments

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



olive
Ø 9 mm

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



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



18-117
Trocar
For puncturing
170 mm

18-118
Hollow needle,
sharp
150 mm

18-119
double curved
For general
surgery
230 mm

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

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

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





Suction Instruments

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



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



Usable length

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

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

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

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



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

olive \varnothing 9 mm

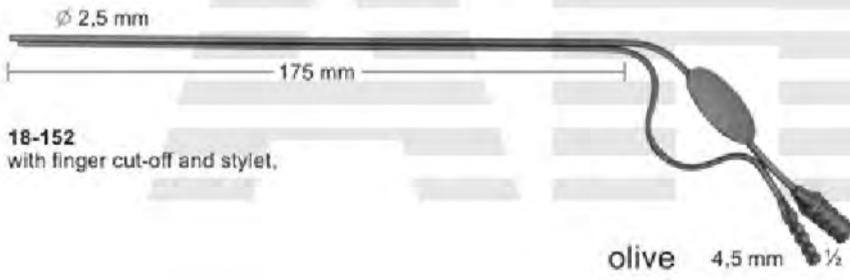
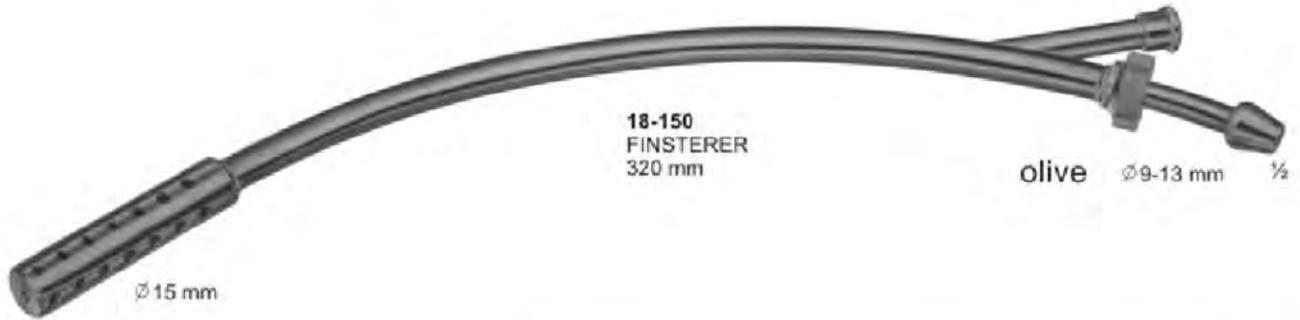
18-147 2,0 mm diam
18-148 2,5 mm diam
18-149 3,0 mm diam
 with finger cut-off,
 thumb piece 90° to
 curve, with LUER hub
 250 mm

olive \varnothing 6-9 mm



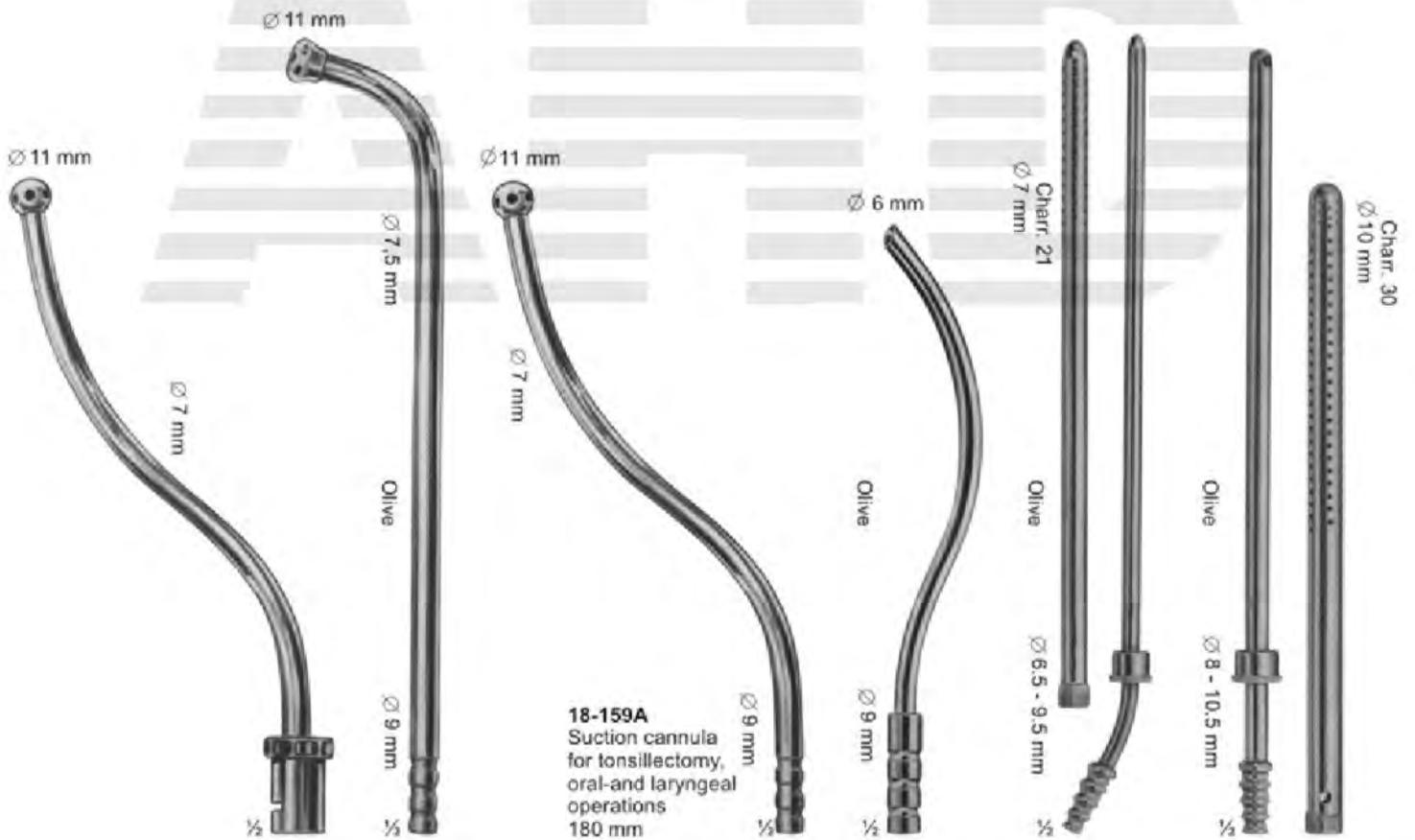


Combined Suction and Irrigation Cannulae, Coagulation Suction Cannulae





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 ϕ 6-9 mm $\frac{1}{2}$ | <p>18-163 ϕ 1,5 mm 18-164 ϕ 2,0 mm 18-165 ϕ 2,5 mm 18-166 ϕ 3,0 mm</p> | Olive ϕ 6-9 mm $\frac{1}{2}$ | <p>18-167 ϕ 2,0 mm 18-168 ϕ 2,5 mm 18-169 ϕ 3,0 mm 18-170 ϕ 4,0 mm 18-171 ϕ 5,0 mm</p> | Olive ϕ 6-9 mm $\frac{1}{2}$ | Olive ϕ 6-9 mm $\frac{1}{2}$ | Olive ϕ 6-9 mm $\frac{1}{2}$ | $\frac{1}{2}$ | $\frac{1}{2}$ | $\frac{1}{2}$ | $\frac{1}{2}$ | $\frac{1}{2}$ | Olive ϕ 6-10 mm $\frac{1}{2}$ | $\frac{1}{2}$ | Olive ϕ 9 mm $\frac{1}{2}$ |
| <p>18-163 - 18-166 PLESTER with finger cut-off and stylet, thumb piece parallel to curve, with LUER hub 195 mm</p> | <p>18-167 - 18-171 FERGUSON with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub 180 mm</p> | <p>18-172 ϕ 4,0 mm FERGUSON with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub 180 mm</p> | <p>18-173 ϕ 3,0 mm 18-174 ϕ 5,0 mm FRAZIER insulated, with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub 180 mm</p> | <p>18-175 5,0 mm diam., Tip 6,5 mm wide, Nasal suction tube, with LUER hub 180 mm</p> | <p>18-176 ϕ 4,5 mm 18-177 ϕ 5,5 mm Nasal suction tubes 175 mm</p> | <p>18-178 GORNEY Suction dissector 180 mm</p> | <p>18-179 4 mm wide 18-180 5 mm wide Suction raspatories, sharp, bayonet-shaped, with stylet 200 mm</p> | <p>18-181 LOPEZ-REINKE Tonsil dissector with suction device 235 mm</p> | | | | | | |



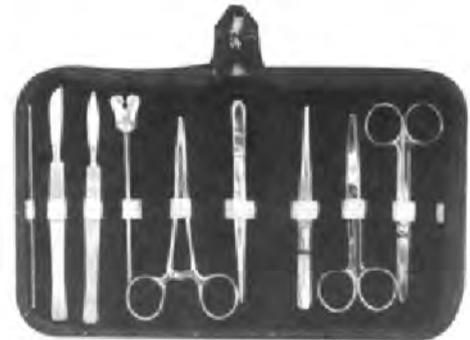


Dissection Instruments



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

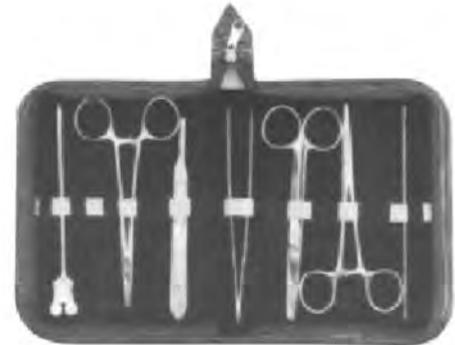




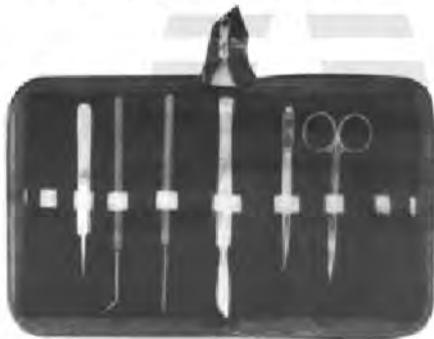
Dissection Instruments



- 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 Herg 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

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



19-141 - 142

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



19-132 - 139

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



19-140
205 x 105 x 35 mm





Round Metal Boxes and Medicine Cups



19-143 - 148

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



19-149 25 cc
19-150 50 cc



19-151
20 cc
Medicine Spoon



19-152
Ø 75 x 12 mm
Tablet Tray



19-153
Ø 90 x 90 mm
Metal Cup



19-154
Ø 75 x 80 mm
Sputum Cup



Kidney Dish



19-155 - 157

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





Hospital Wares



19-158 - 165



19-166 - 170

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

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



19-171
Ø 110 x 28 mm 0.15L



19-172
100 cc 0.1L



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



19-177
235 x 190 x 40 mm



19-178
Ø 220 x 70 mm





Hospital Wares



19-179
∅ 50 x 100 mm
Powder Pot



19-180
∅ 50 x 75 mm
Methot With Lid



19-181
∅ 50 x 75 mm
Methot Without Lid



19-182



19-183



19-184



19-185 - 186

19-185 ∅ 235 mm
19-186 ∅ 310 mm





Needle Cases



19-187
Sauerbruch
210 x 125 x 17 mm



19-188
Sauerbruch
210 x 125 x 17 mm



19-189
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



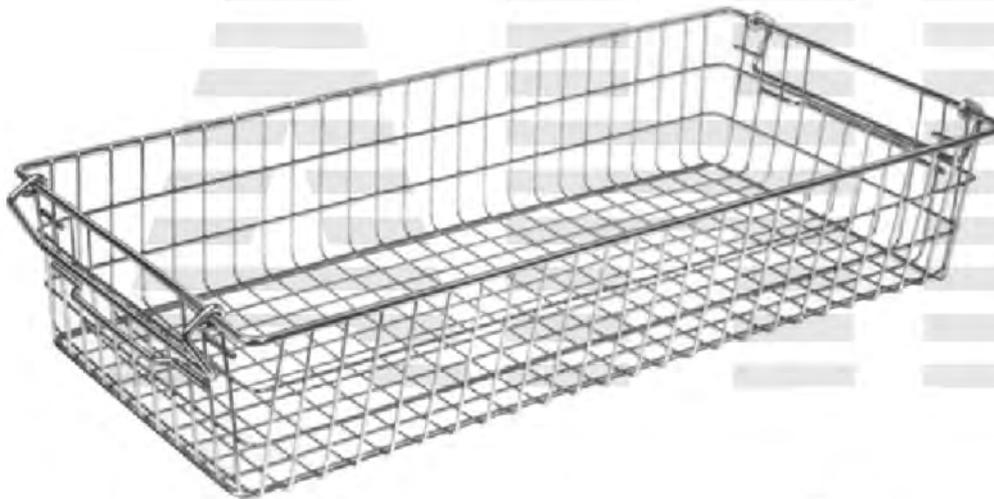


Sterilizing Baskets / Trays



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 |



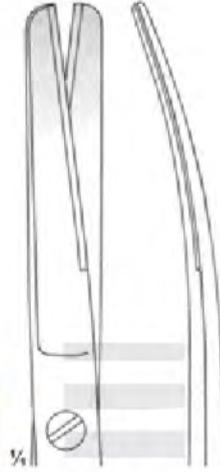


Scissors with Tungsten Carbide Inserts



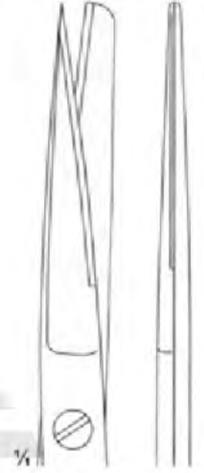
26-101
Standard

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



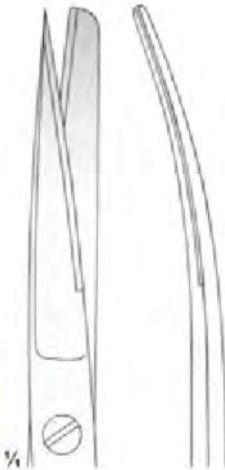
26-102
Standard

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



26-103
Standard

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



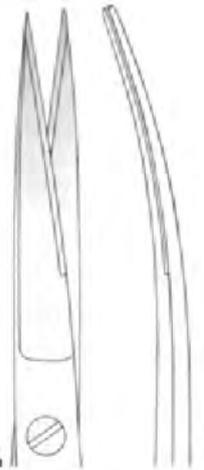
26-104
Standard

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



26-105
Standard

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



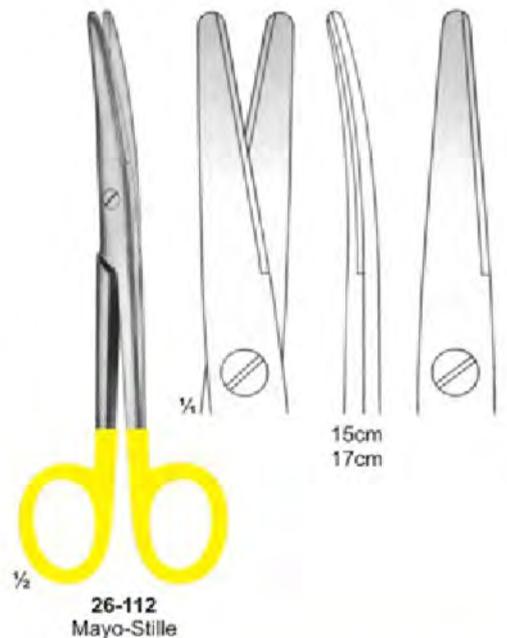
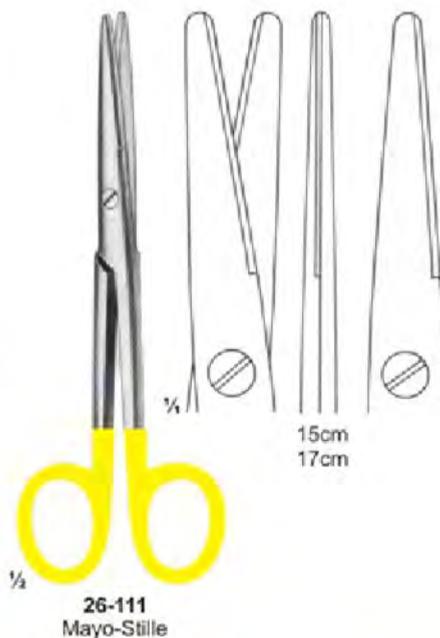
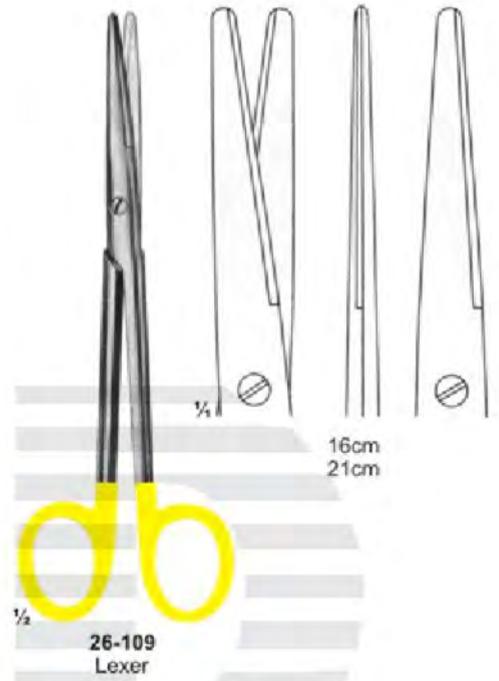
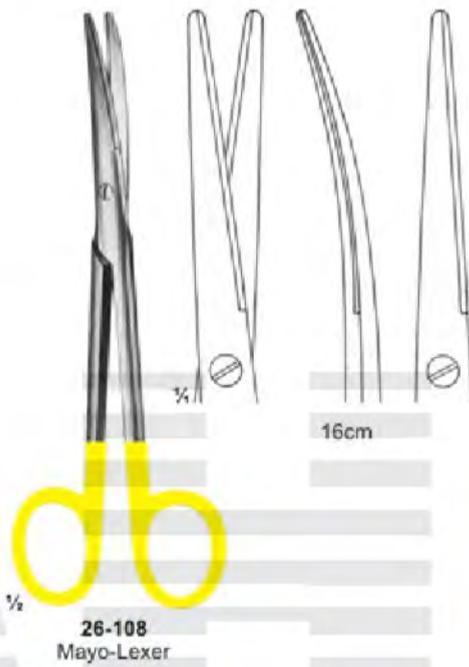
26-106
Standard

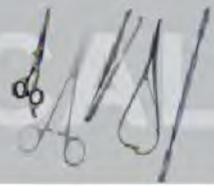
14,5cm
16,5cm
18,5cm





Scissors with Tungsten Carbide Inserts





Scissors with Tungsten Carbide Inserts

1/4

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

26-113
Metzenbaum

1/4

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

26-114
Metzenbaum

1/4

18cm 20cm
28cm 30cm

26-115
Metzenbaum

1/4

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

26-116
Metzenbaum-Fino

1/4

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

26-117
Metzenbaum-Fino

1/4

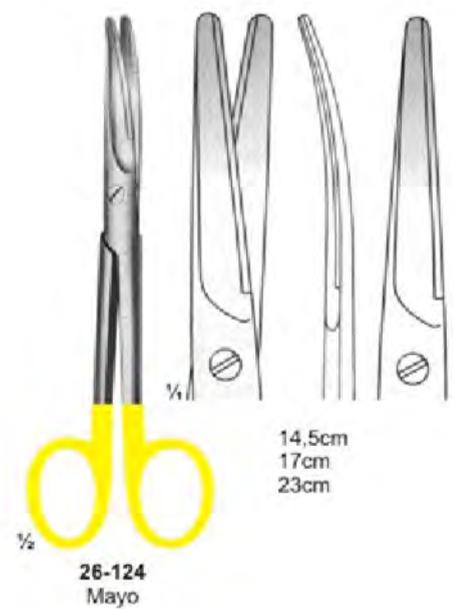
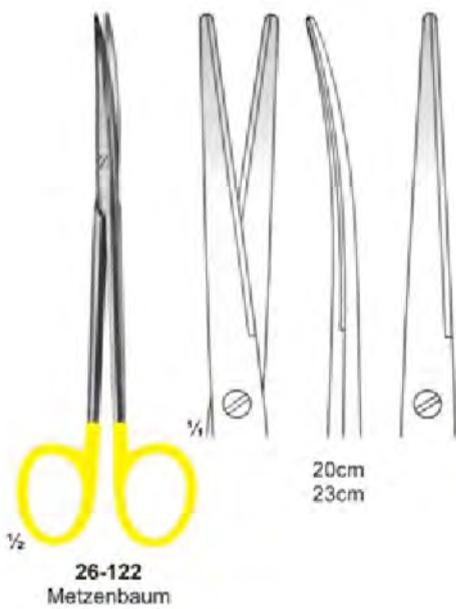
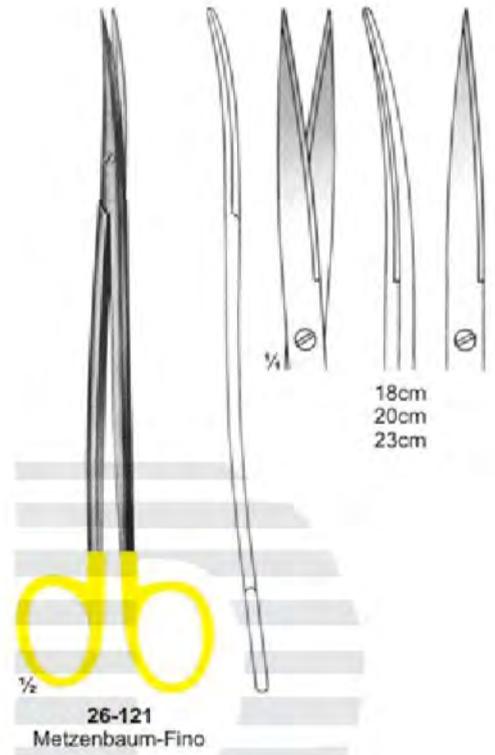
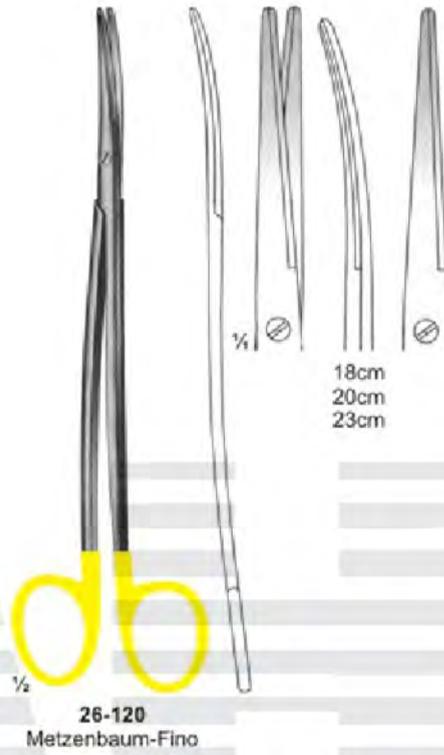
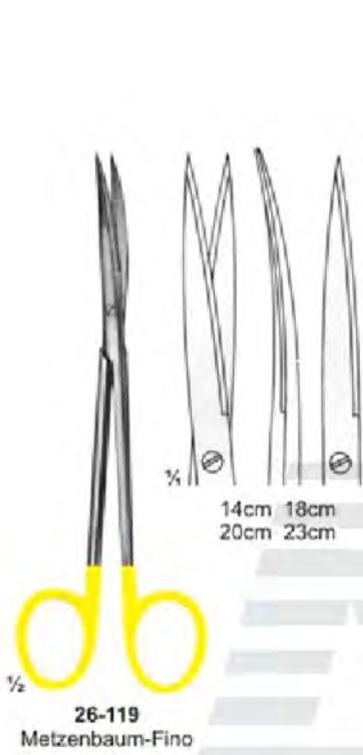
14cm 18cm
20cm 23cm

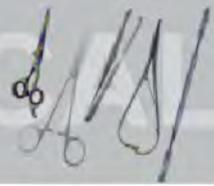
26-118
Metzenbaum-Fino



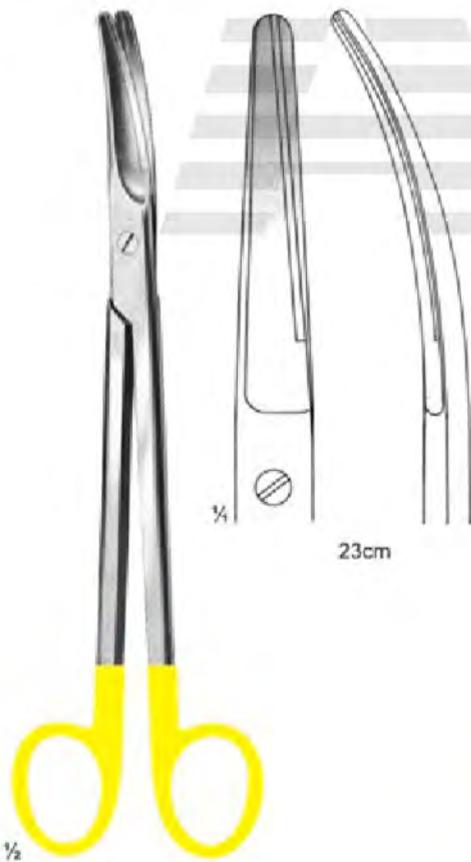


Scissors with Tungsten Carbide Inserts

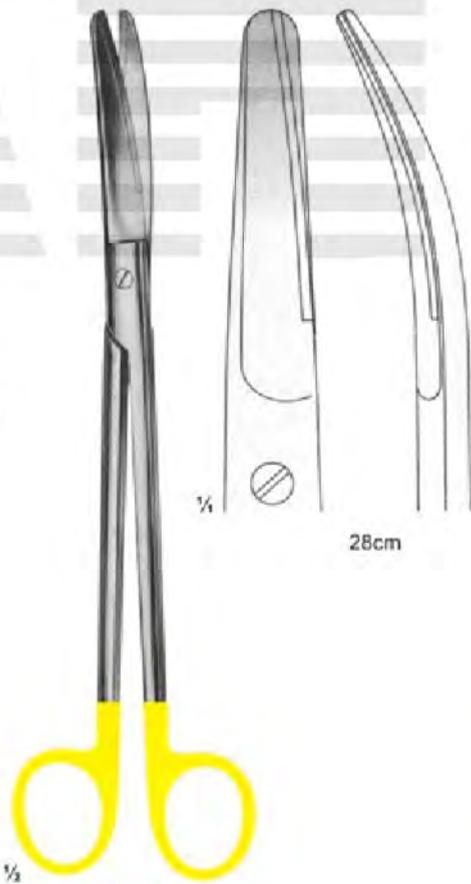




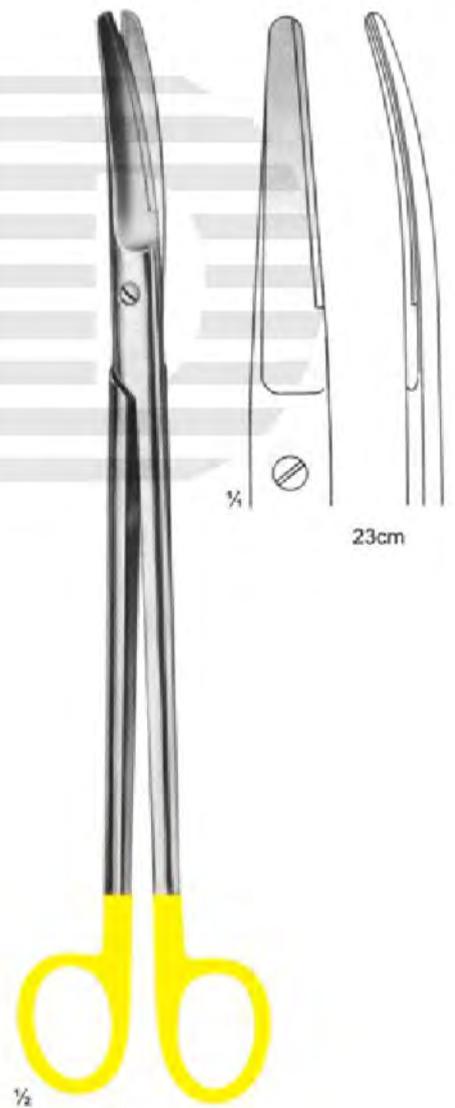
Scissors with Tungsten Carbide Inserts



26-125
Parametrium



26-126
Mayo-Harrington

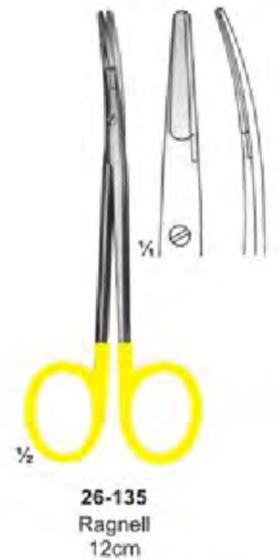
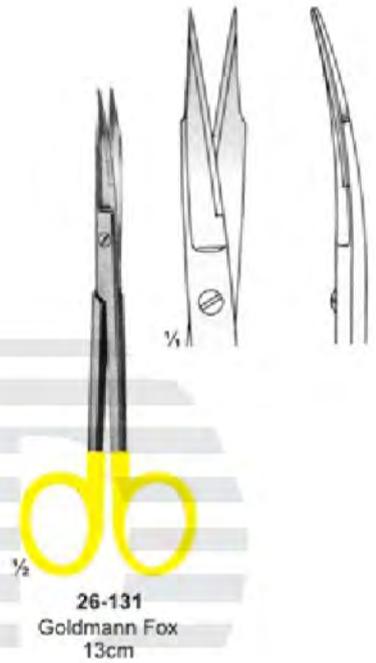
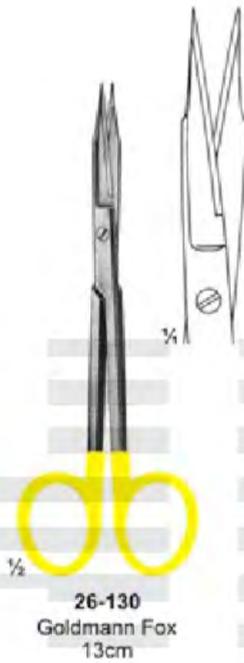


26-127
Sims



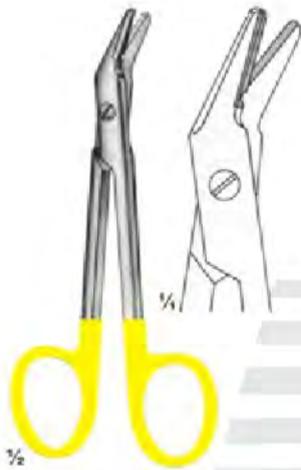


Scissors with Tungsten Carbide Inserts





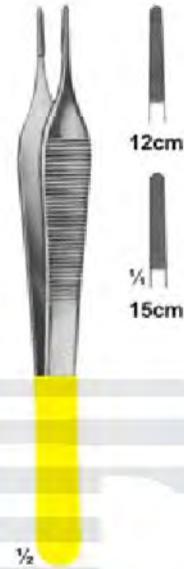
Scissors & Dissecting Forceps with Tungsten Carbide Inserts



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

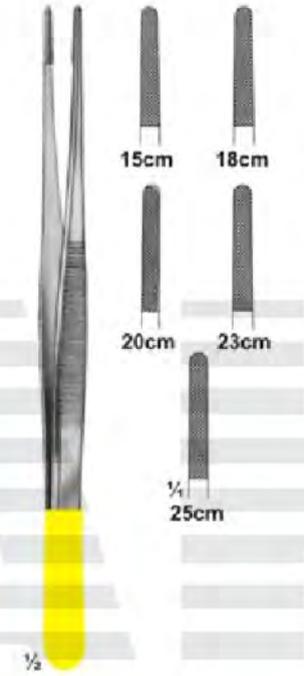




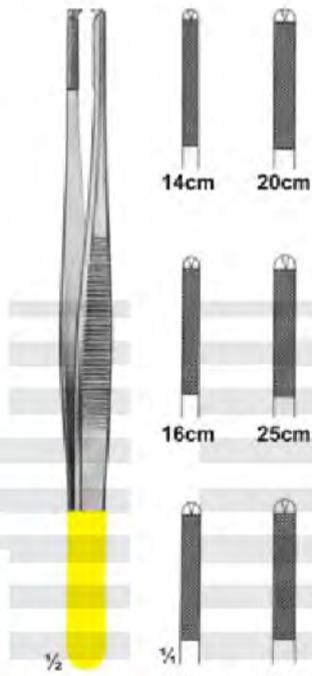
Dissecting Forceps and Needle holders with



26-144
Wangenstein



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



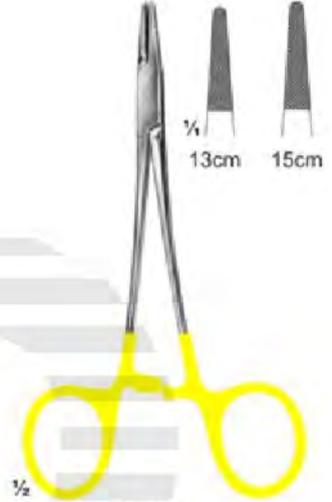
26-152
Arruga
16cm



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





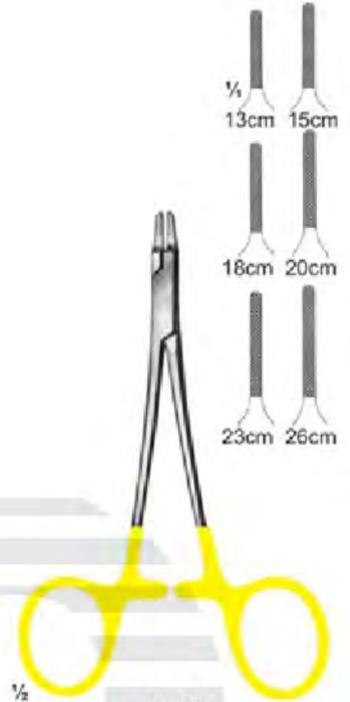
Needle holders with Tungsten Carbide Inserts



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



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



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



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



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



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





Needle holders with Tungsten Carbide Inserts





Needle holders with Tungsten Carbide Inserts



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



1/4
26-173
Lichtenberg
20cm



1/2
26-174
Langhals
20cm 25cm



1/4
26-175
Lichtenberg
20cm 25cm



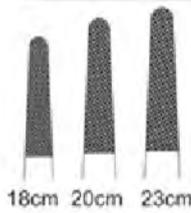
1/4
26-176
Luehty-Beck
20cm 25cm



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

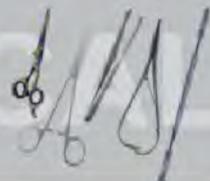


1/4
26-178
Langebeck
18cm
20cm 23cm



1/4
26-179
Langebeck-beck
18cm
20cm 23cm





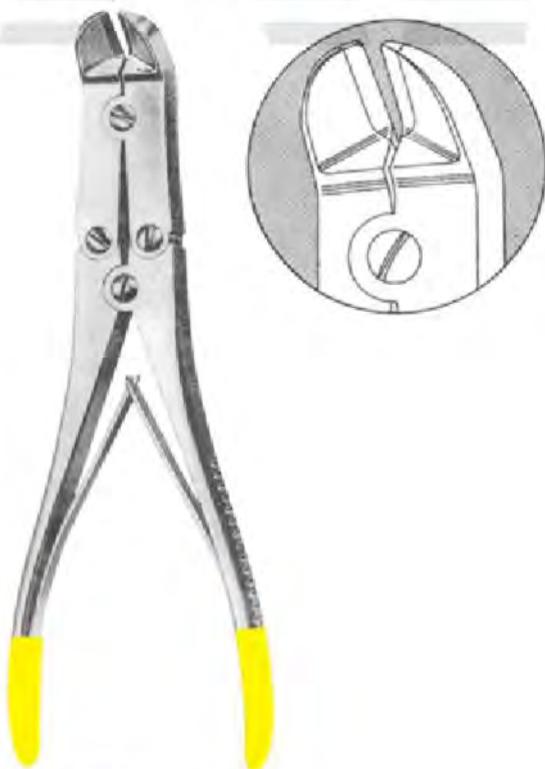
Wire Cutting Plier With T.C. Inserts



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



26-181
Cutting Plier
12 cm



26-182
MULLAR CLAUS
22 cm



26-183
Plier
17.5 cm





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| ALLIS, artery traction forceps | 47 | BROWN, Tissue Forceps | 39 | |
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