



DAD & SONS
Surgical Industry

Manufacturer of Surgical & Dental Instruments



Surgical Instruments Catalogue

www.dnssurgical.com



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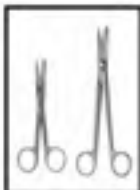
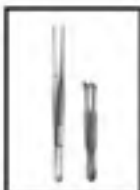
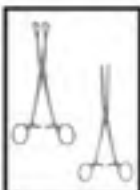
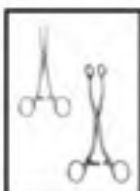
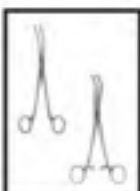
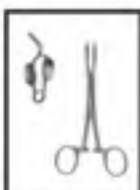
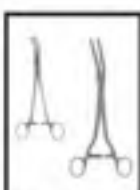
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Percussion Hammers and Aesthesiometers





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Stethoscopes



01-110
PINARD (Aluminum)
Size: 155 mm

1/2



01-111
wooden
Size: 145 mm

1/2



01-112
BOWLES
Stethoscope
with diaphragm

1/4



01-113
ANESTOPHON

1/2



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

1/4



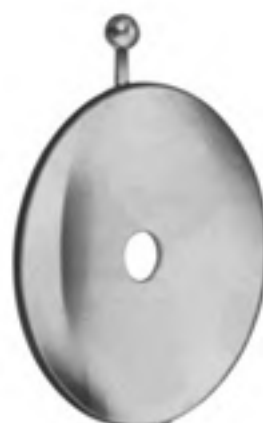
01-115
BOWLES

1/4

Head Mirrors and Head Bands



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



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



01-118
ZIEGLER
head band of plastic black



01-120
MURPHY
head band of celluloid, white

01-119
ZIEGLER
head band of plastic white



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

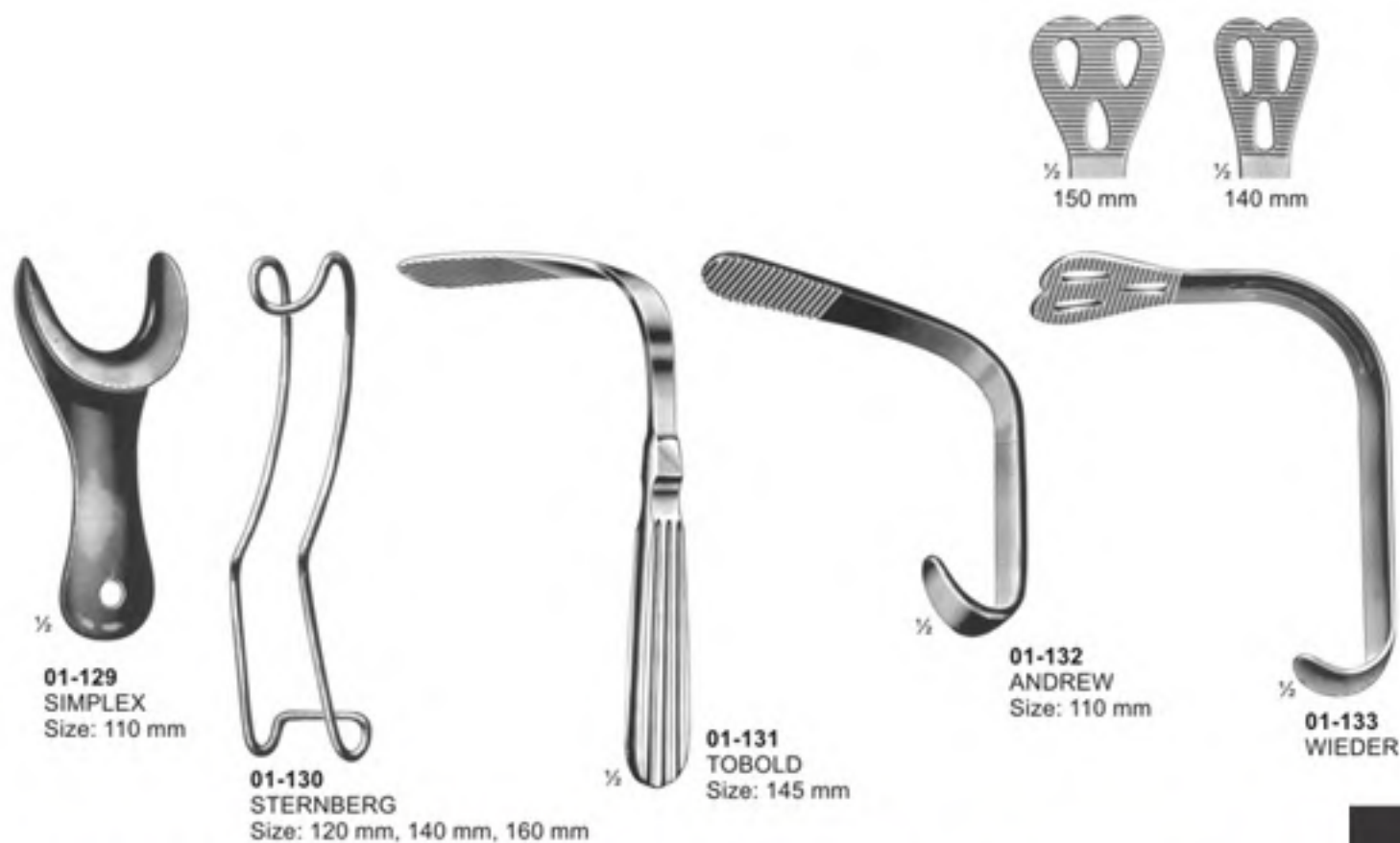
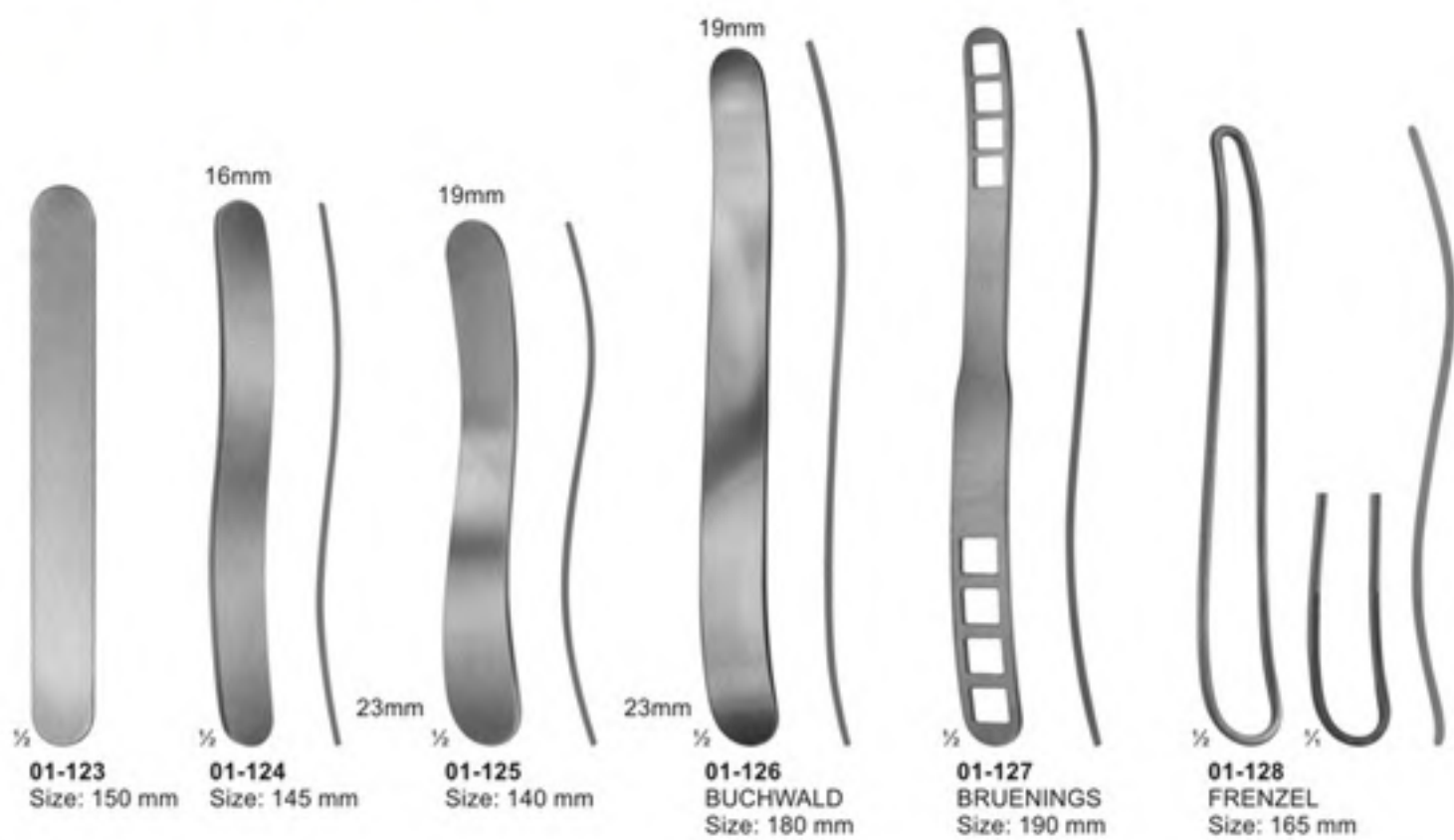


01-122
head mirror with black
plastic head band.



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Tongue Depressors





Instruments for Anaesthesia and Tongue Forceps



01-134
SCHIMMELBUSCH
Ether mask



01-135
HEISTER
Mouth gag
Size: 130 mm



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



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



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



01-139
YOUNG
Size: 165 mm



1 Pair Of
Rubber Pads



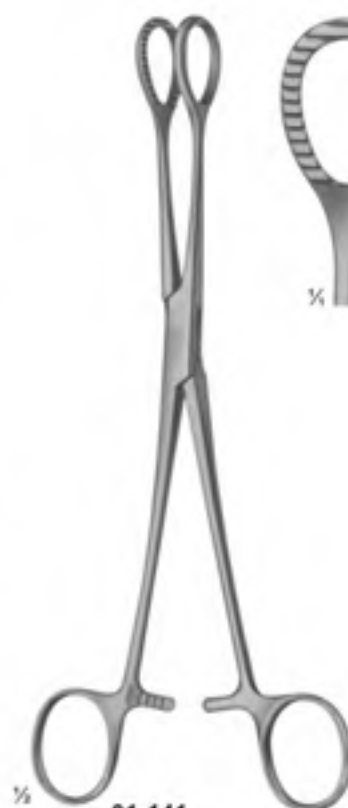
01-140
COLLIN
Size: 160 mm,
170 mm



Size: 160 mm



Size: 170 mm



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





Blood Lancets and Laryngeal Mirrors



01-142
FRANCKE
Automatic blood lancet



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



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



Fig. 000
Ø6mm



Fig. 00
Ø8mm



Fig. 0
Ø10mm



Fig. 1
Ø12mm



Fig. 2
Ø14mm



Fig. 3
Ø16mm



Fig. 4
Ø18mm



Fig. 5
Ø20mm



Fig. 6
Ø22mm



Fig. 7
Ø24mm



Fig. 8
Ø26mm



Fig. 9
Ø28mm



Fig. 10
Ø30mm



01-148
Spare mirrors only
Size: 12 mm



01-149
Spare mirrors only
Size: 14 mm



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

Laryngoscope and Diagnostic Sets



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



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



Laryngoscopes



01-158

MILLER

Laryngoscope set, consists of battery handle (without battery)
with four miller laryngoscope blades

Fig. 0

Fig. 1

Fig. 2

Fig. 3

Fig. 4

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



01-159

GUEDEL-NEGUS

Laryngoscope set, consists of battery handle (without battery)
with four miller laryngoscope blades

Fig. 1

Fig. 2

Fig. 3

Fig. 4

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



Laryngoscopes



01-160

McINTOSH

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

01-161

McINTOSH

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

Fig. 0

Fig. 1

Fig. 2

Fig. 3

Fig. 4

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

01-162

FOREGGER

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

01-163

FOREGGER

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

Fig. 1

Fig. 2

Fig. 3

Fig. 4

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



01-164

Fiber Optic
Battery Handle
30mm diam.



01-165

Fiber Optic
Battery Handle
18mm diam.



01-166

Replacement Lamp
(Krypton) 2.5 V



01-167

Replacement Lamp
(Halogen) 2.5 V



DAD & SONS
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Examination & Measuring Instruments



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



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



01-170
CARROLL
Size: 145 mm
Finger Goniometer



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



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



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



01-174
CASTROVIEJO
Caliper
Size: 75mm



01-175
MOLTGEN
Goniometer



01-176
Size: 150 mm



01-177
Size: 500 mm



Dissecting Knives



02-101 - 110
Fig. 1 - 10



02-101
Fig. 1
30 mm



02-102
Fig. 2
36 mm



02-103
Fig. 3
40 mm



02-104
Fig. 4
45 mm



02-105
Fig. 5
50 mm



02-106
Fig. 6
27 mm



02-107
Fig. 7
35 mm



02-108
Fig. 8
40 mm



02-109
Fig. 9
47 mm



02-110
Fig. 10
50 mm



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Amputating Knives, Cartilage Knives and Autopsy Knives



LISTON

02-111

Size: 130 mm

02-112

Size: 160 mm

02-113

Size: 190 mm

02-114

Size: 200 mm

Blade length

Amputating Knives

02-115

CATLIN

Size: 160 mm

Blade length

Amputating

Knives

02-116

LANGENBECK

Size: 120 mm

Blade length

Flap Knives

02-117

Size: 110 mm

Blade length

Interosseous

Knives

02-118

Size: 55 mm

Blade length

with raspatory,

Wooden handle

02-119

Size: 70 mm

Blade length

Wooden handle

02-120

Size: 80 mm

Blade length

Metal handle

02-121

Size: 195 mm

Blade length

Metal handle



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Cone Knives, Myomatome, Trigeminal and Tonsil Knives



02-122

AYRE

Size: 235 mm
Cone Knife

02-123

Cone Knife

Size: 230 mm

02-124

SEGOND

Size: 270 mm
Myomatome

02-125

OLIVECRONA

Size: 205 mm
Trigeminal
Knife

02-126

Trigeminal

Size: 230 mm
Knife

02-127

FOWLER

Size: 200 mm
Tonsil Knife

02-128

ABRAHAM

Size: 215 mm
Tonsil Knife

02-129

BRUNINGS

Size: 215 mm
Tonsil Knife



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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

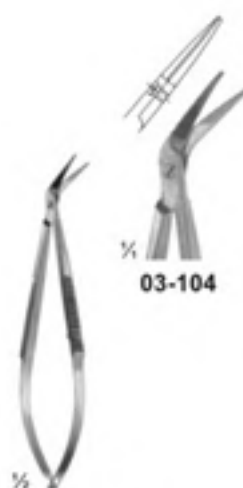


03-102



03-103

03-101 - 103
VANNAS
Size: 85 mm

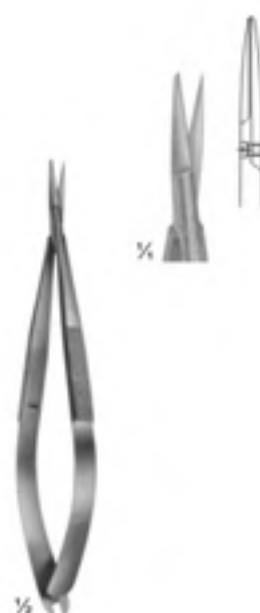


03-104

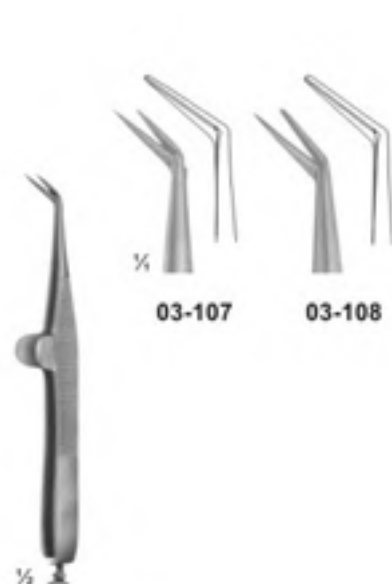


03-105

03-104 - 105
CASTROVIEJO
Size: 95 mm



03-106
NOYES
Size: 125 mm

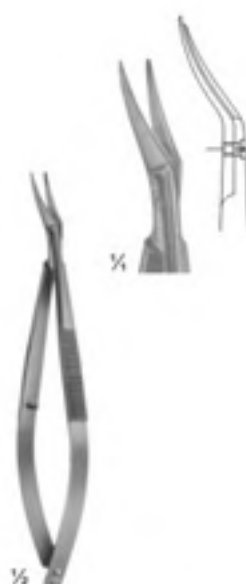


03-107



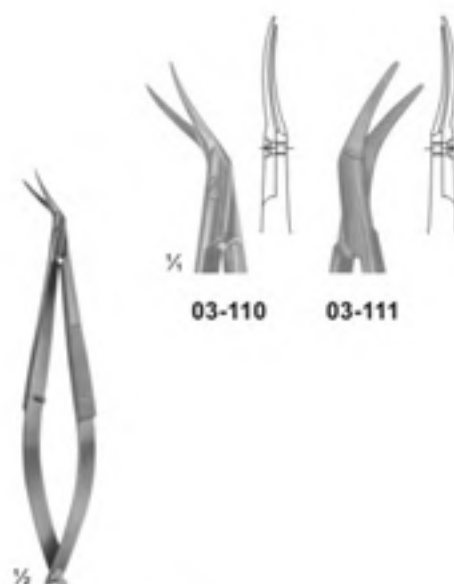
03-108

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



03-109

03-109
CASTROVIEJO
Eye scissor
Size: 115 mm



03-110



03-111

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



Micro Scissors (Spring Type) with Flat Handles



1/2

03-112



03-113



1/2

03-114
BIEMER
Vein scissor
Size: 130 mm



1/2

03-115
Size: 160 mm



1/2

03-116 - 117
VANNAS
Size: 160 mm

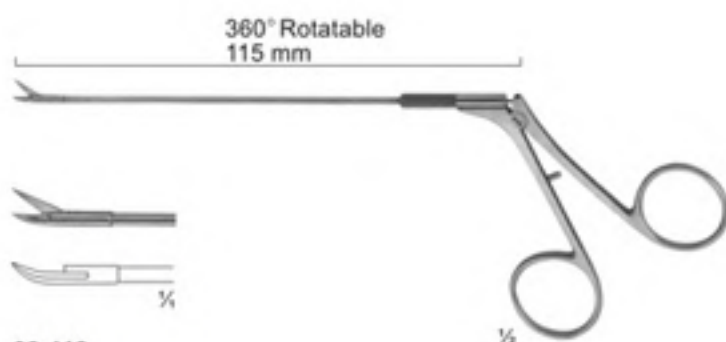


1/2

03-116



03-117



360° Rotatable
115 mm

03-118
CASPAR
Micro scissor curved
Size: 115 mm



1/2

03-119



03-120



03-121



1/2

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



Micro Scissors (Spring Type) bayonet-Shapea



03-122
YASARGIL
Size: 245 mm



03-123
45°



03-124
45°



125°

03-125
laterally angled
Size: 190 mm

03-123 - 124
laterally angled
Size: 200 mm



03-126



03-127



03-126 - 127
YASARGIL
Size: 225 mm



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Delicate Scissors



03-128

03-129

03-128 - 129
Size: 90 mm



03-130

03-131

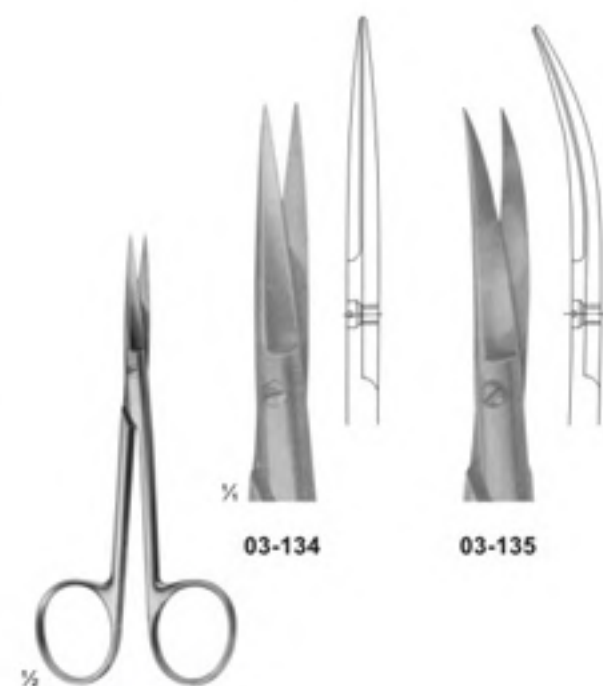
03-130 - 131
Size: 95 mm



03-132

03-133

03-132 - 133
Size: 105 mm



03-134

03-135

03-134 - 135
Size: 120 mm



03-136

03-137

03-136 - 137
Size: 115 mm



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Delicate Scissors



03-138 - 140
Size: 120 mm



03-138



03-139



03-140



03-141 - 144
Size: 130 mm



03-141



03-142



03-143



03-144



DAD & SONS
Surgical Industry

Surgical Scissors



03-145 - 153 (Standard types)

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

03-145

Size: 105 mm

03-153

Size: 200 mm



03-154 - 160 (Standard types)

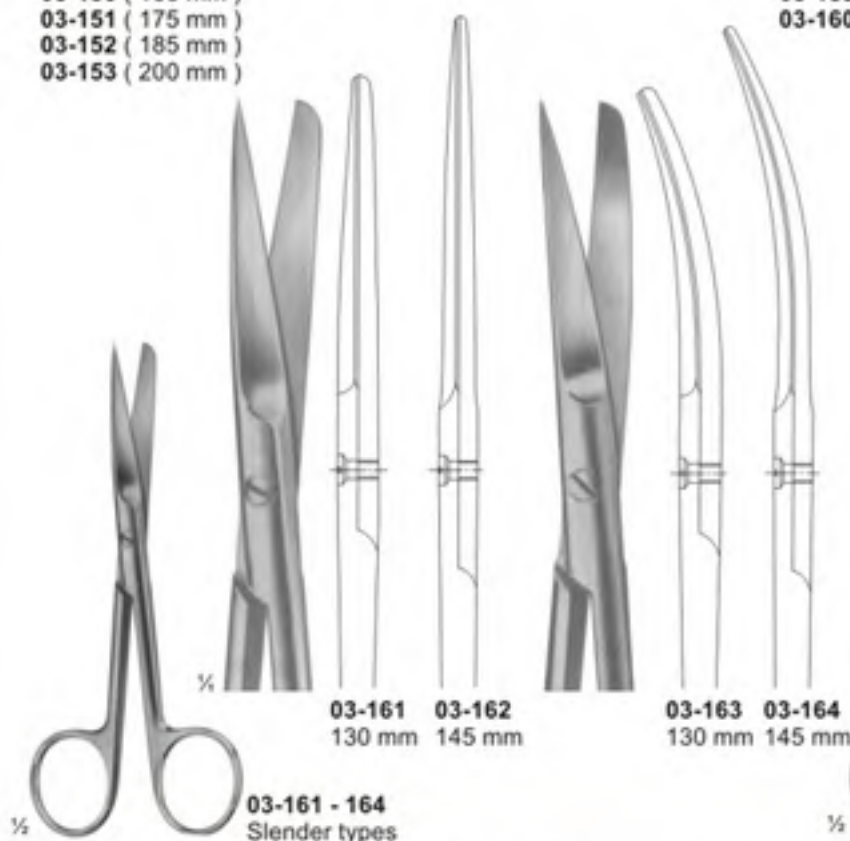
03-154 (115 mm)
03-155 (130 mm)
03-156 (145 mm)
03-157 (150 mm)
03-158 (165 mm)
03-159 (175 mm)
03-160 (185 mm)

03-154

Size: 115 mm

03-160

Size: 185 mm



03-161

130 mm

03-162

145 mm

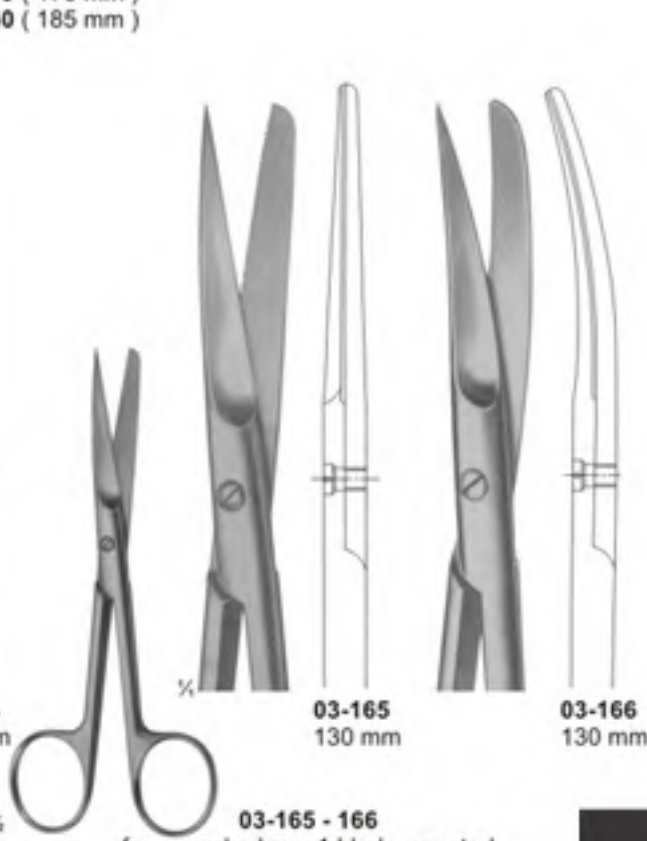
03-163

130 mm

03-164

145 mm

03-161 - 164
Slender types



03-165

130 mm

03-166

130 mm

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

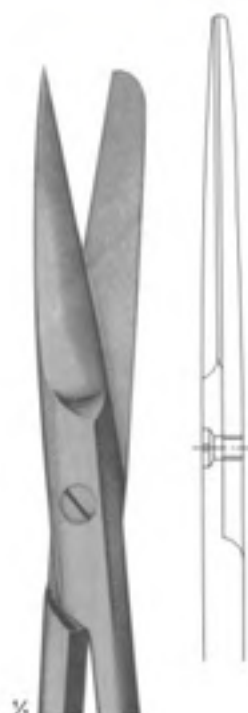


DAD & SONS
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Surgical Scissors



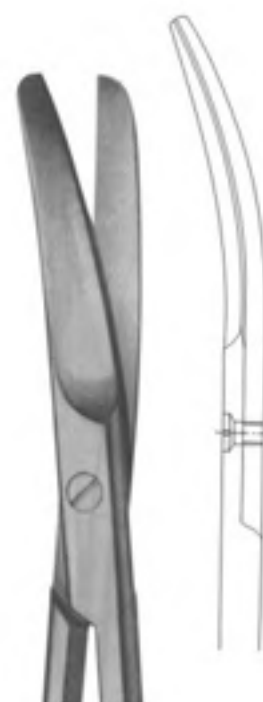
03-167 - 169
DEAVER
with flat lock



03-167
Size: 145 mm



03-168
Size: 145 mm



03-169
Size: 145 mm



03-170 - 172
Incision scissors



03-170
Size: 130 mm



03-171
Size: 145 mm



03-172
Size: 165 mm



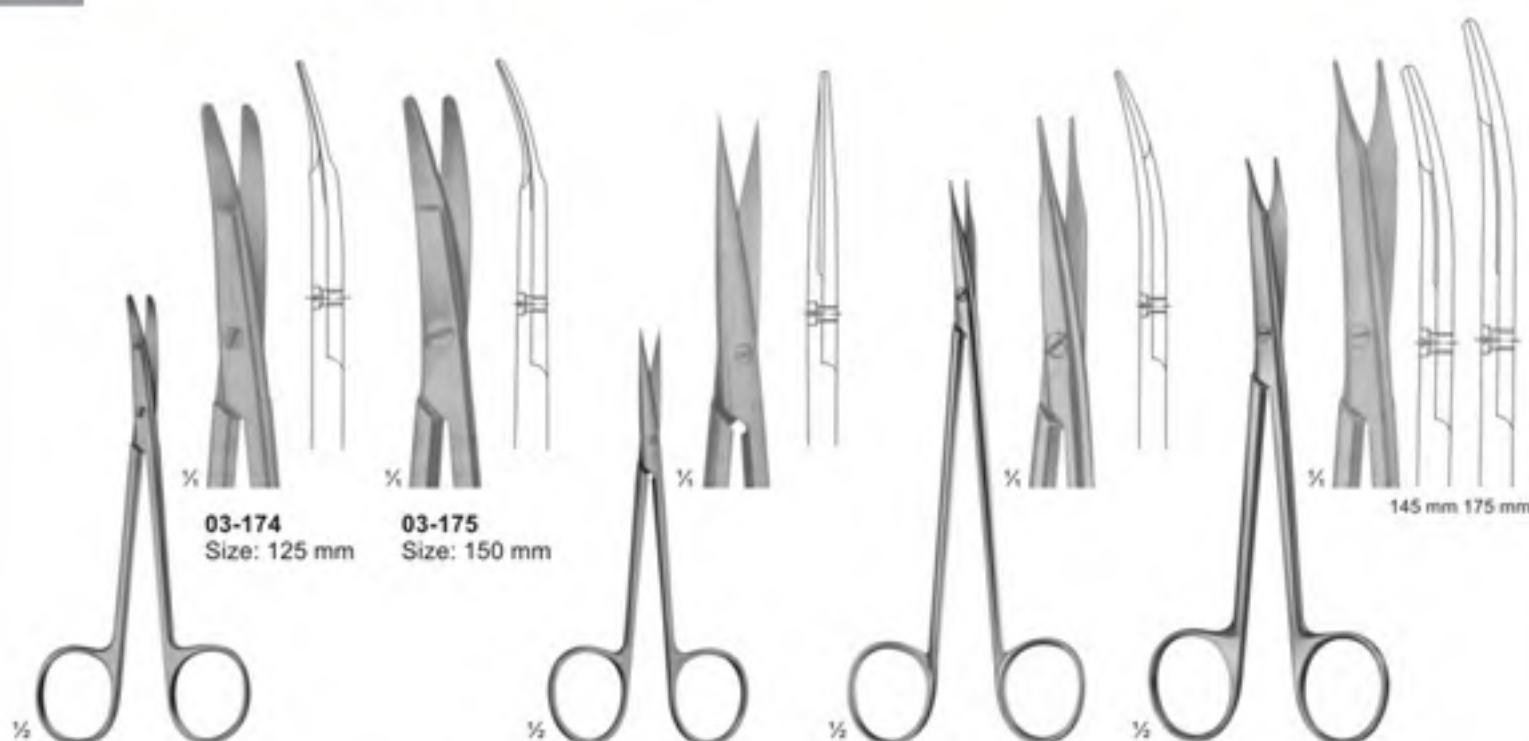
03-173
SYSTRUNK
Nail splitting scissors



03-173
Size: 130 mm



Dissecting Scissors



03-174 - 175

KILNER

Special flat points for dissecting
and undermining the skin

03-176

KILNER

Fine dissecting scissors
Size: 115 mm

03-177

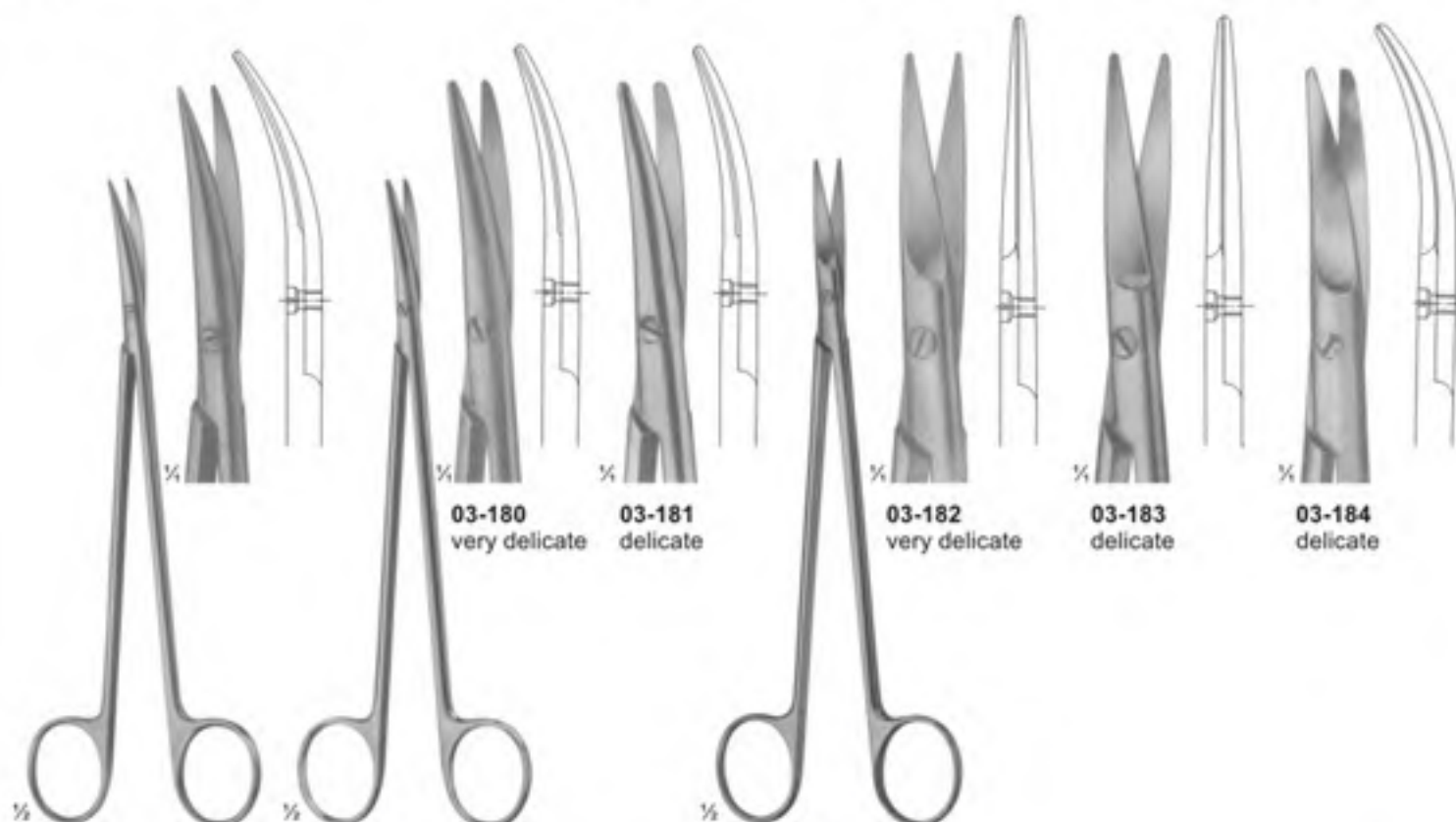
JAMESON

Dissecting scissors
Size: 150 mm

03-178

REYNOLDS

Dissecting scissors
Size: 145 - 175 mm



03-179

DE BAKEY

Arteriotomy scissors
Size: 175 mm

03-180 - 181

TOENNIS ADSON

Dissecting scissors
Size: 175 mm

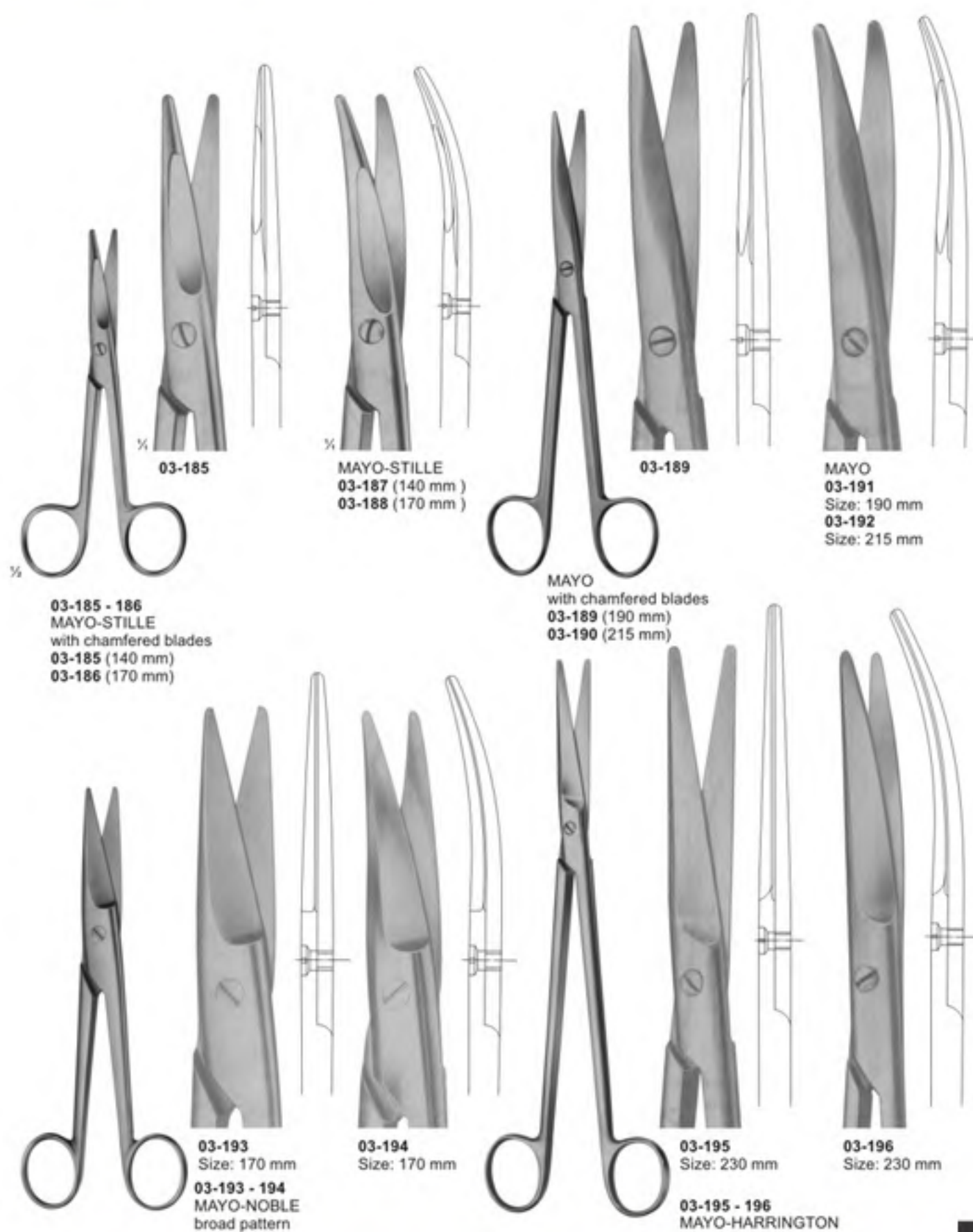
03-182 - 184

TOENNIS

Dissecting scissors
Size: 180 mm



Dissecting Scissors





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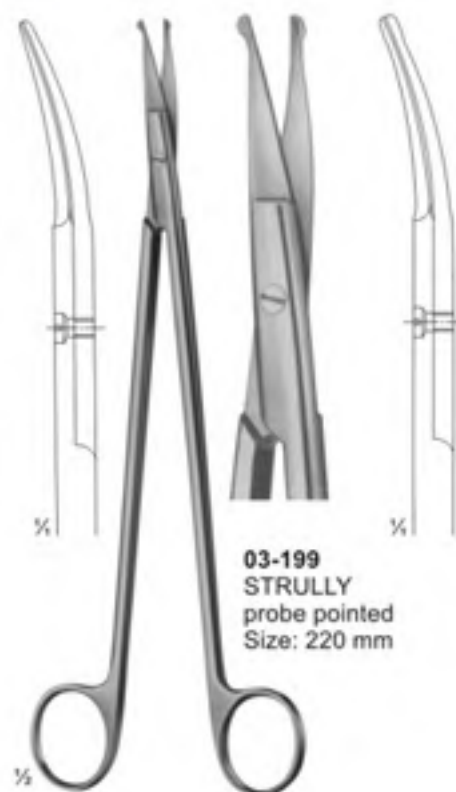
Scissors for Cardiovascular and Neuro-Surgery



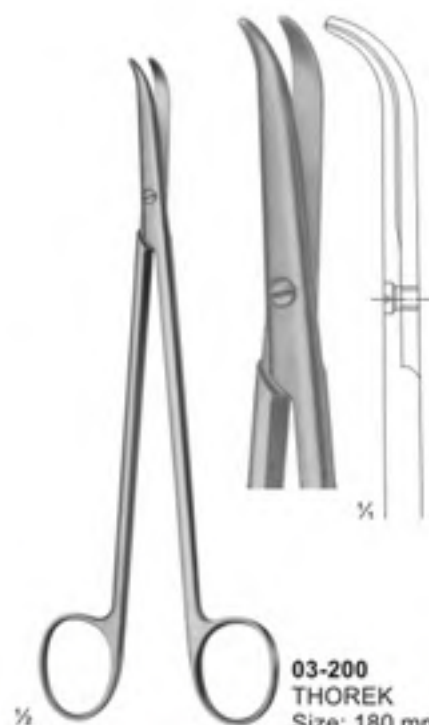
03-197
OLIVECRONA
Dura scissors



03-198
STRULLY
pointed
Size: 220 mm



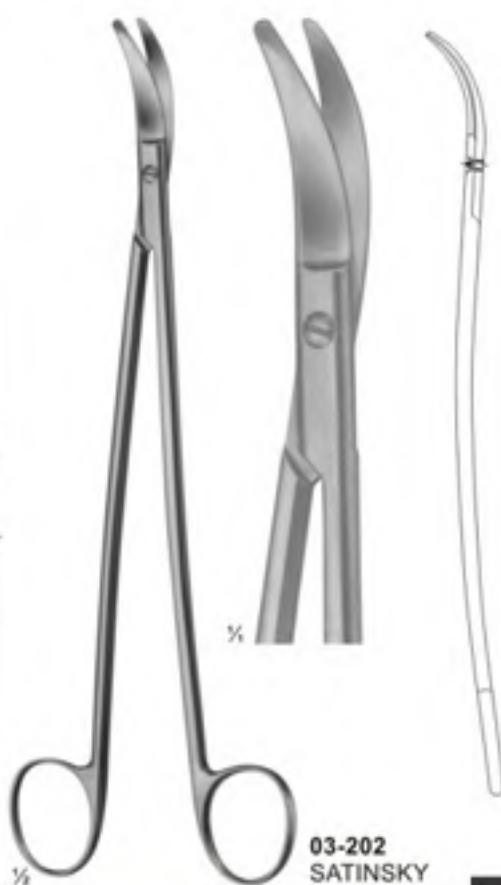
03-199
STRULLY
probe pointed
Size: 220 mm



03-200
THOREK
Size: 180 mm



03-201
POTTS-SMITH
Size: 190 mm



03-202
SATINSKY
Size: 245 mm



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Delicate, Nasal and Tonsil Scissors



03-203
1 finely toothed blade
Size: 130 mm

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



03-205
FOMON
blades serrated
Size: 145 mm

03-206
COTTLE
Size: 165 mm



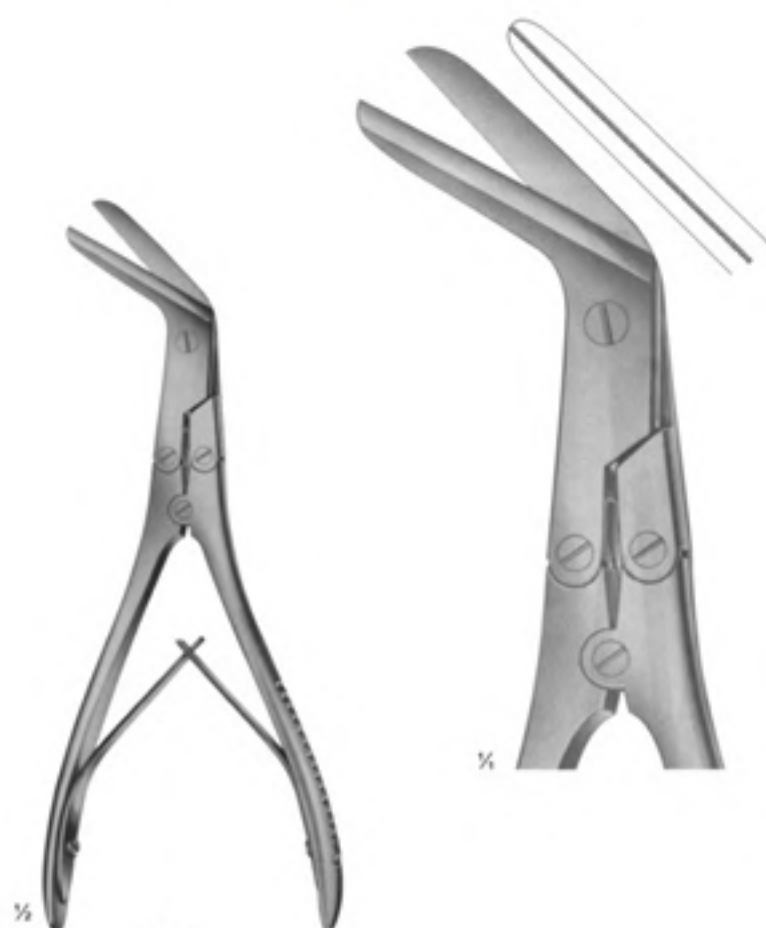
03-207
HEYMANN-KNIGHT
Size: 175 mm

03-208
DEAN
blades serrated
Size: 170 mm

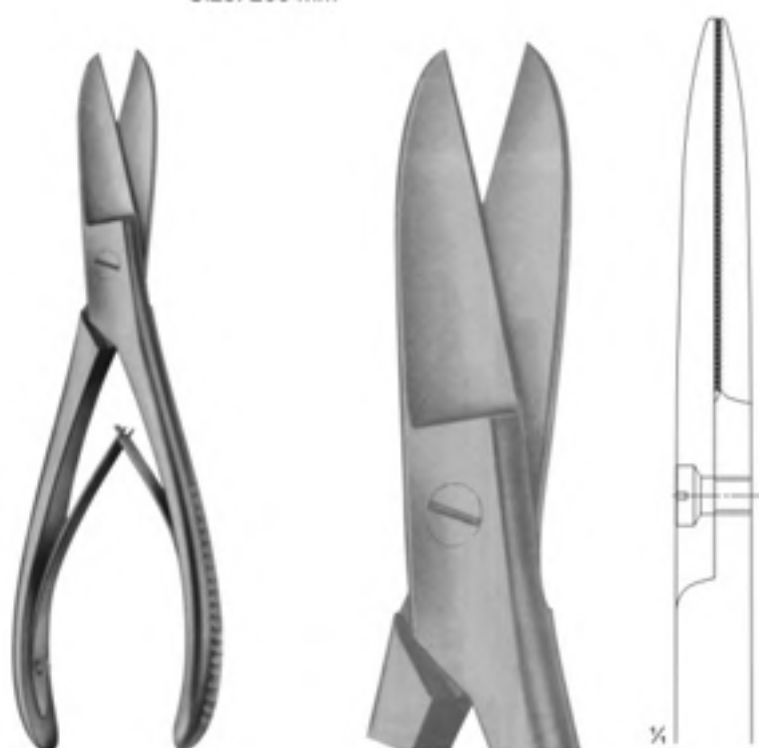


03-209
GOOD
Size: 195 mm

Bone Shears

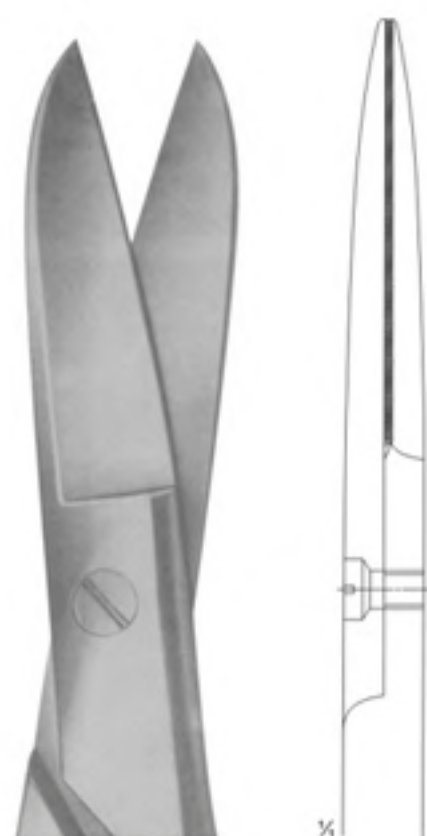


03-210
KILLIAN
Size: 200 mm



03-211 - 03-212

03-211
195 mm

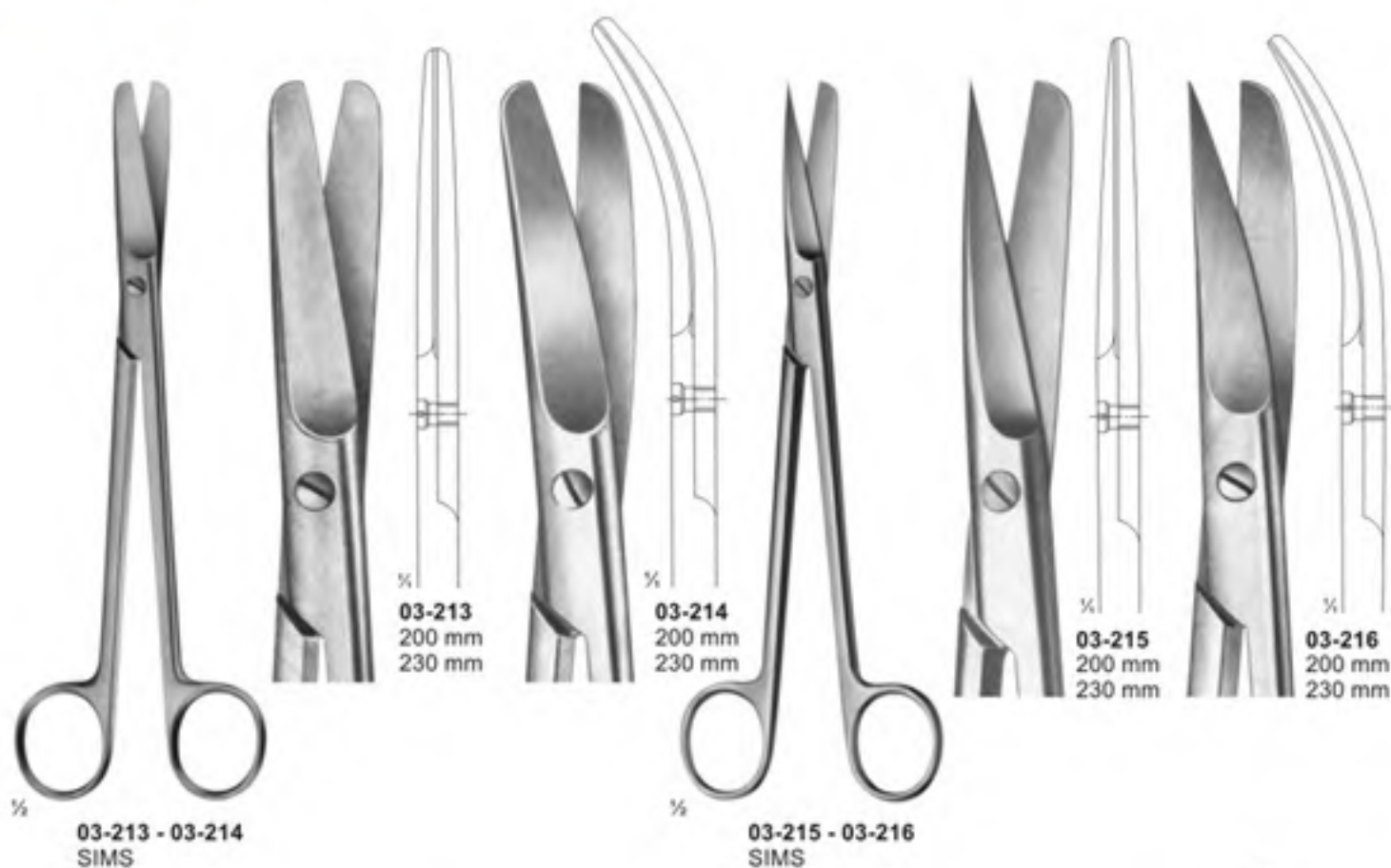


03-212
225 mm



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Scissors for deep operations and for Gynaecology





Scissors for Obstetrics



03-222
SCHUMACHER
Umbilical cord scissors
Size: 155 mm



03-223
Umbilical cord scissors
Size: 105 mm



03-224
Umbilical cord scissors

135 mm



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

03-225
145 mm

03-226
200 mm



03-227
Episiotomy scissors
240 mm



Wire and Plate Scissors



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



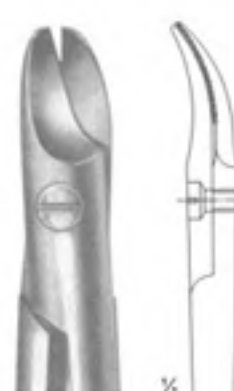
03-228



03-229



03-230
broad blades



03-231
1 blade serrated



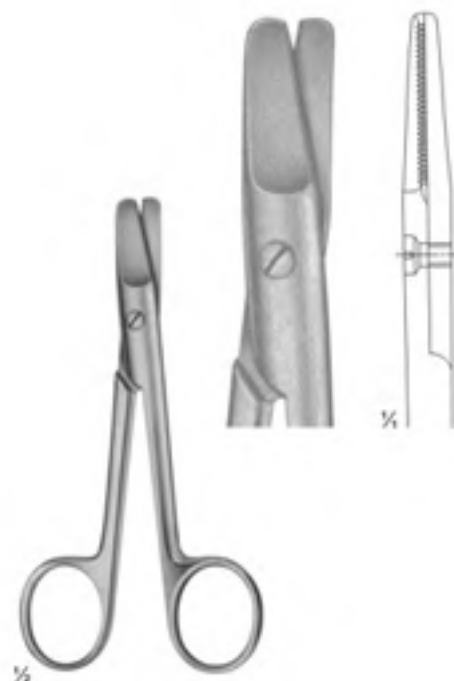
03-232
NAUJOKS
strongly curved



03-233
1 blade serrated
Size: 120 mm



03-234
STRACK
Size: 100 mm



03-235
HARVEY
blades serrated
Size: 125 mm



Bandage and Cloth Scissors



1/2

03-236

Universal bandage and cloth scissors,
with toothed edges
180 mm



1/2

03-237
LISTER

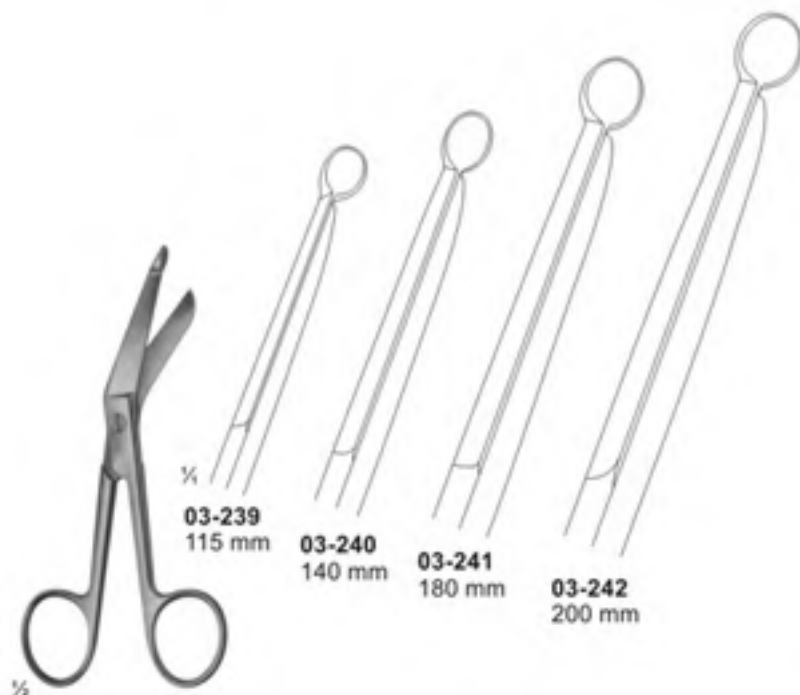
Universal bandage and cloth scissors,
with toothed edges
Size: 145 mm



1/2

03-238
LISTER

Nurse's scissors
Size: 145 mm



1/2

03-239 - 03-242
LISTER



1/2

03-243 - 03-244
LISTER



Bandage-, Cloth-, and Plaster Scissors



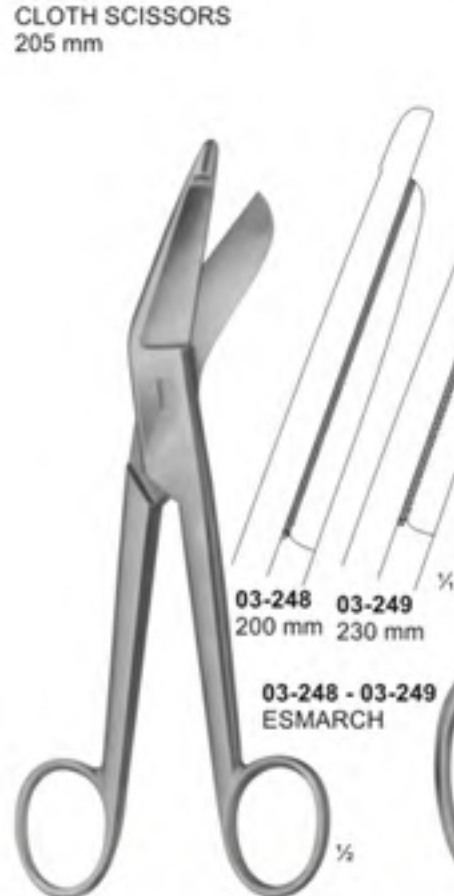
03-245
CLOTH SCISSORS
205 mm



03-246
BRAUN-STADLER
225 mm

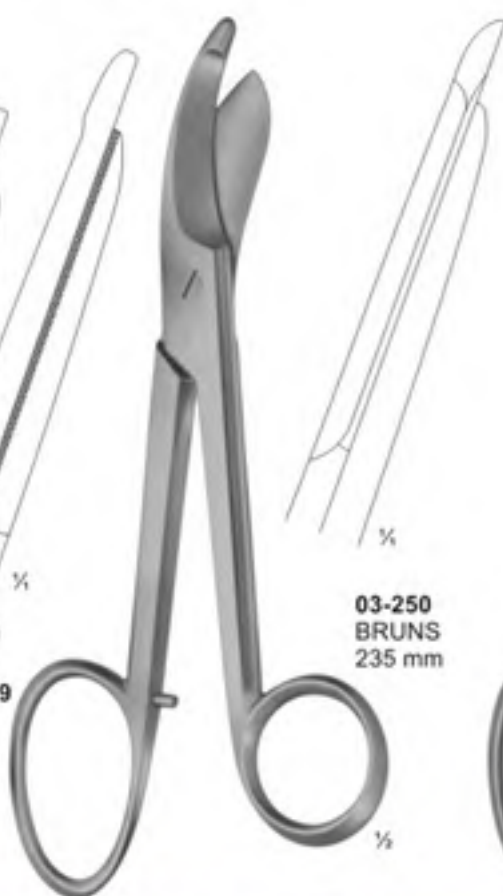


03-247
SEUTIN
230 mm

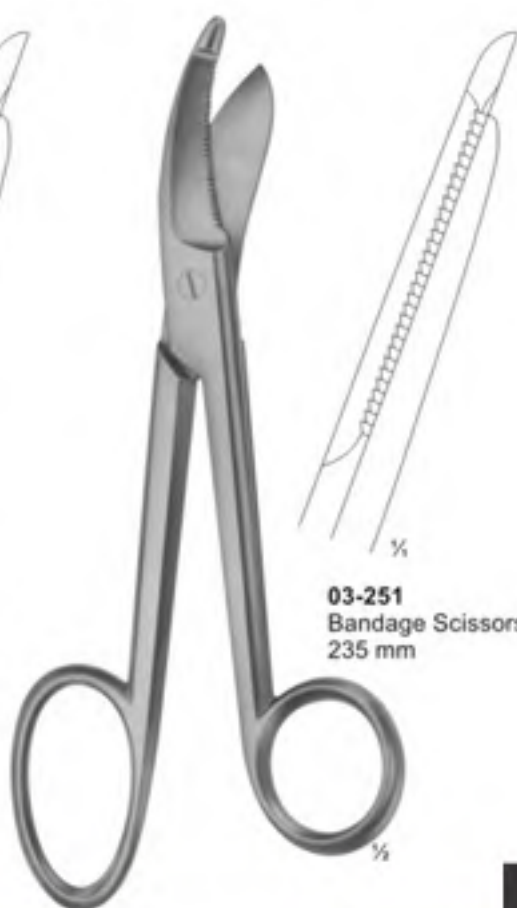


03-248 200 mm
03-249 230 mm

03-248 - 03-249
ESMARCH



03-250
BRUNS
235 mm



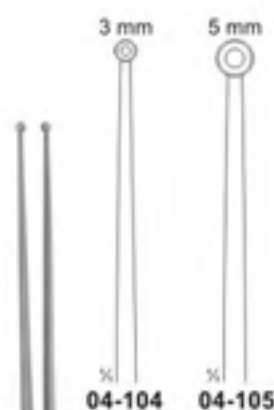
03-251
Bandage Scissors
235 mm



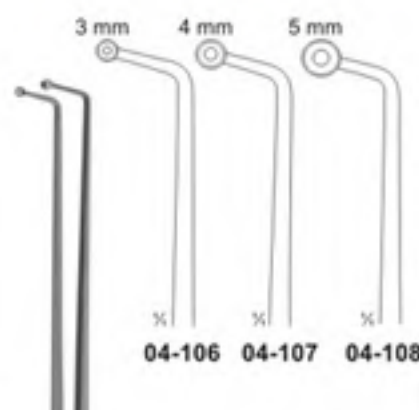
Forceps for grasping tissue, tumors etc.



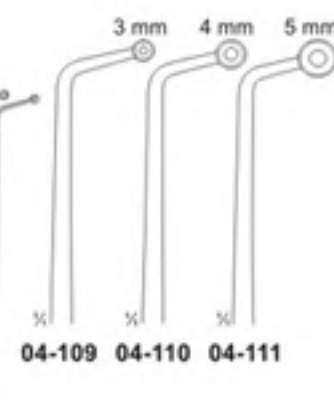
04-101 04-102 04-103



04-104 04-105



04-106 04-107 04-108



04-109 04-110 04-111

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

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

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

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

04-112
HUNT
Tumor-and
vessel forceps
200 mm

04-113
HUNT
Tumor-and
vessel forceps
200 mm

04-114
YASARGIL
Tumor-and
vessel forceps
200 mm



Delicate Dissecting, Microscopic, Sterilizing Forceps



04-115
THORPE
Corneal forceps
120 mm



04-116
MICRO-ADSON
120 mm



04-117
ADSON
120 mm



04-118
MICRO-ADSON
150 mm



04-119 - 121
100 mm



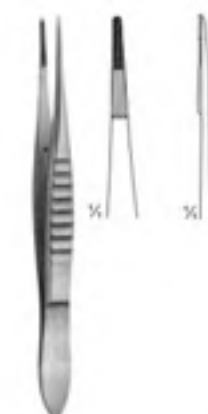
04-119



04-120



04-121



04-122
BONACCOLTO
110 mm



04-123
115 mm



04-124 - 133



04-124
90 mm



04-125
105 mm



04-126
115 mm



04-127
130 mm



04-128
145 mm



04-129
90 mm



04-130
105 mm



04-131
115 mm



04-132
130 mm



04-133
145 mm



04-134
100 mm



04-135
100 mm



04-136
100 mm



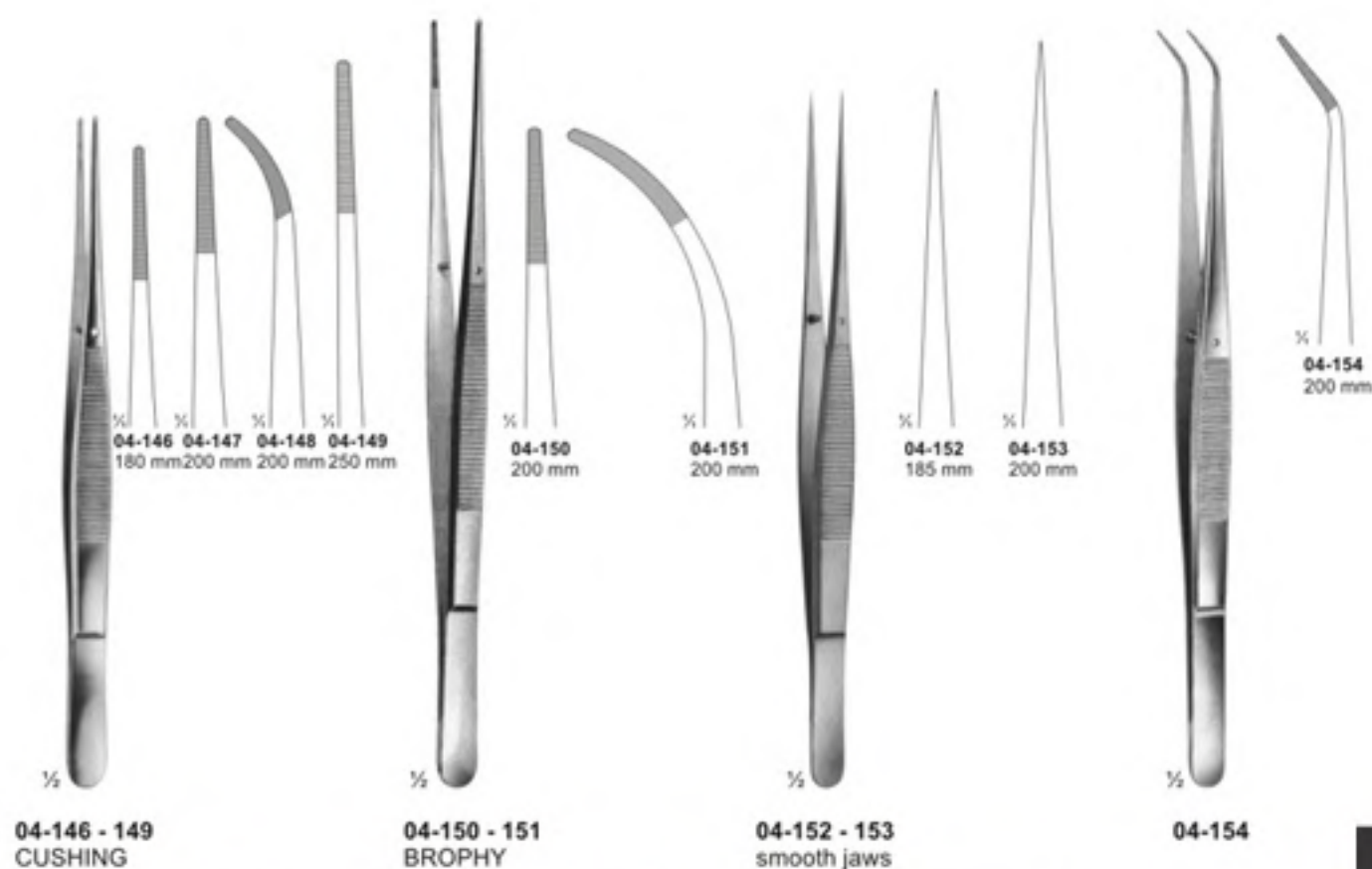
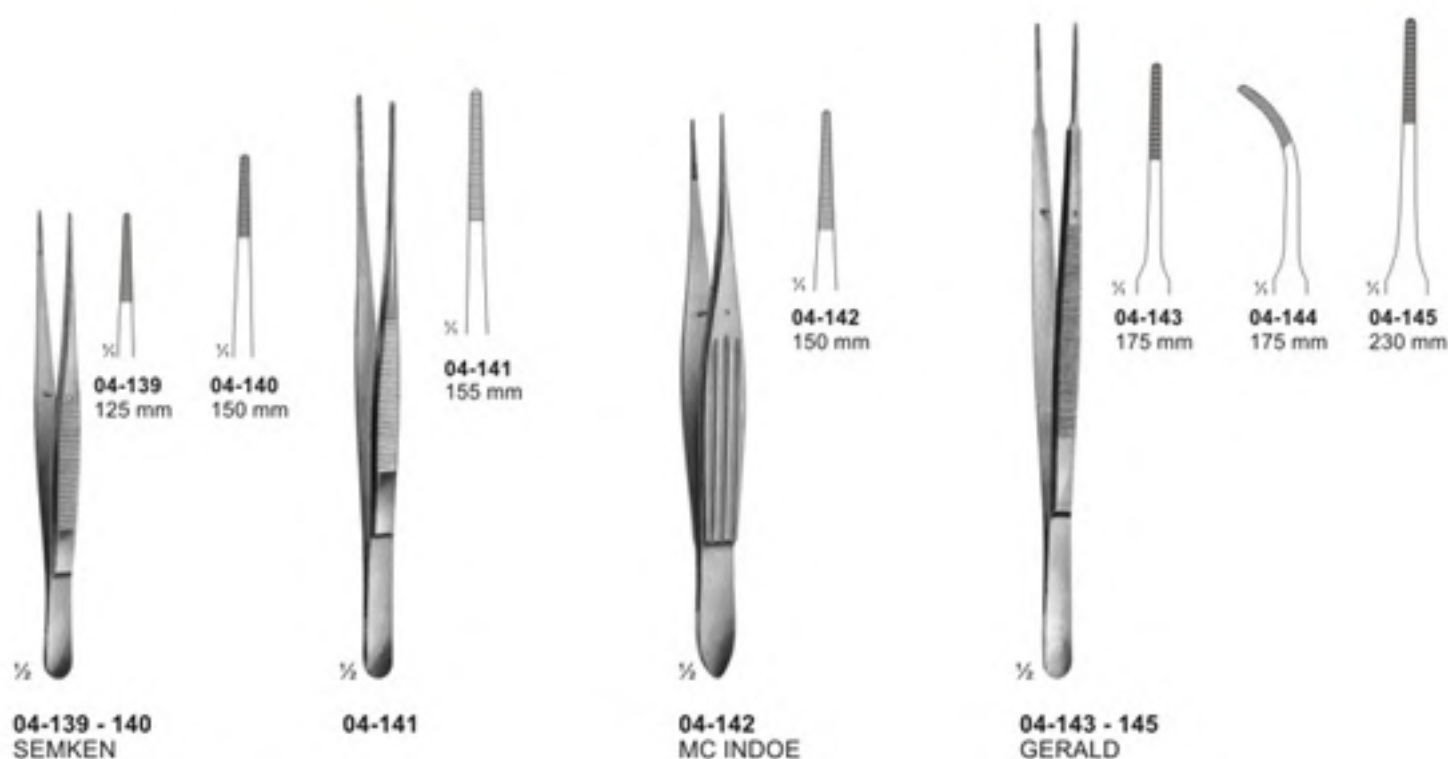
04-137
KUHNE
Cover glass forceps, 105 mm



04-138
160 mm



Delicate Dissecting Forceps





Dissecting Forceps



1/2

1/4

04-155
115 mm

1/4

04-156
130 mm

1/4

04-157
145 mm

1/4

04-158
160 mm

1/4

04-159
180 mm

1/4

04-160
200 mm

1/4

04-161
250 mm

1/4

04-162
300 mm

04-155 - 04-162
STANDARD



1/2

1/4

04-163
115 mm

1/4

04-164
130 mm

1/4

04-165
145 mm

1/4

04-166
160 mm

1/4

04-167
305 mm

04-163 - 04-167
MEDIUM



1/2

1/4

04-168
130 mm

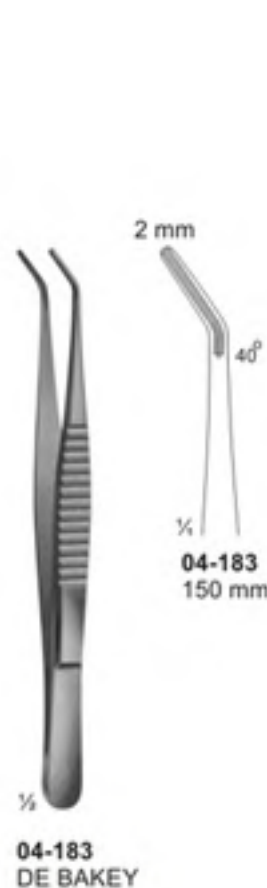
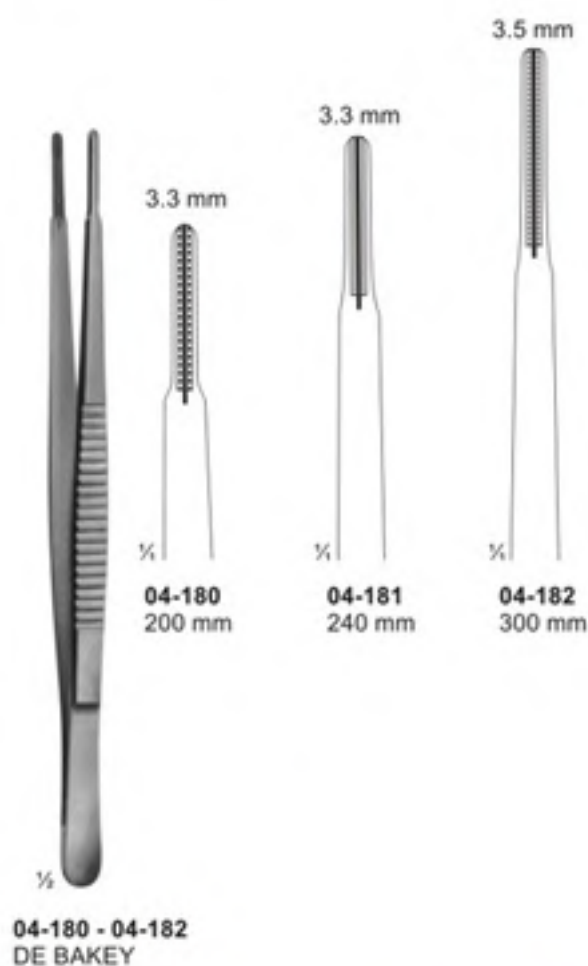
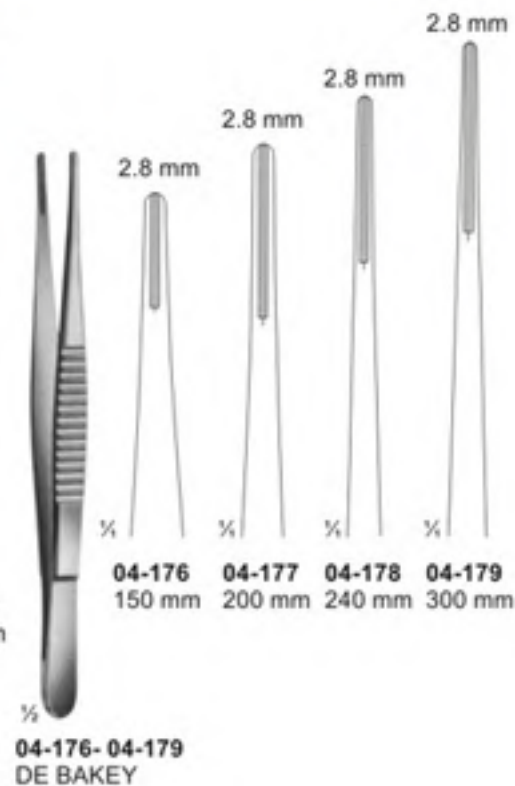
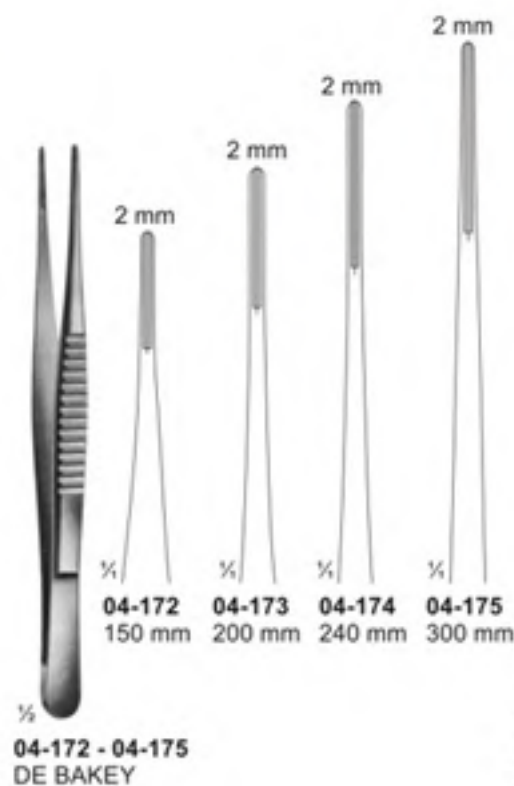
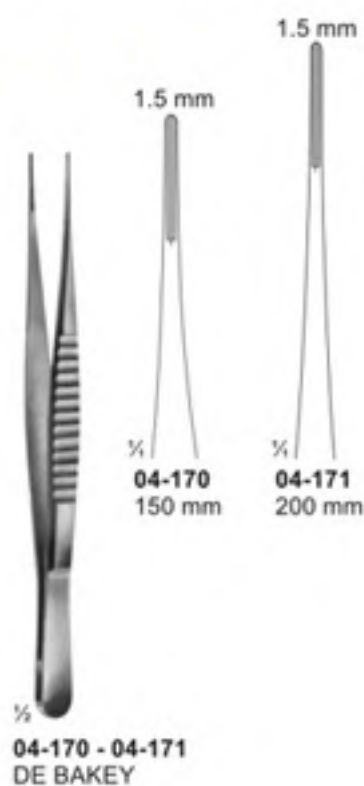
1/4

04-169
145 mm

04-168 - 04-169
MEDIUM

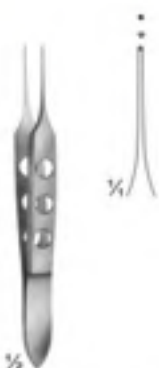


Forceps

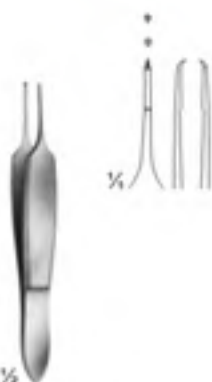




Delicate Tissue Forceps



04-185
BISHOP-HARMON
85 mm



04-186
ST. MARTIN
80 mm



04-187
CASTROVIEJO
teeth 0.9 mm
100 mm



04-188
CASTROVIEJO
teeth 0.5 mm
100 mm



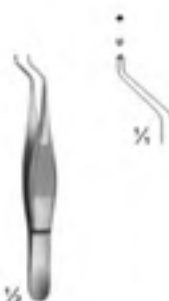
04-189
ELSCHING
110 mm



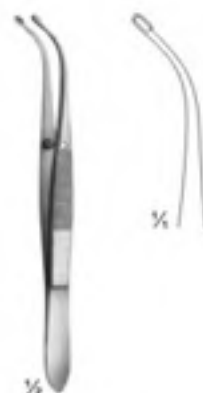
04-190
GILL
75 mm



04-191
GILL - HESS
75 mm



04-192
HESS
70 mm



04-193
ARRUGA
100 mm



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



04-195
MICRO-ADSON
120 mm



04-196
ADSON
120 mm



04-197
ADSON
120 mm



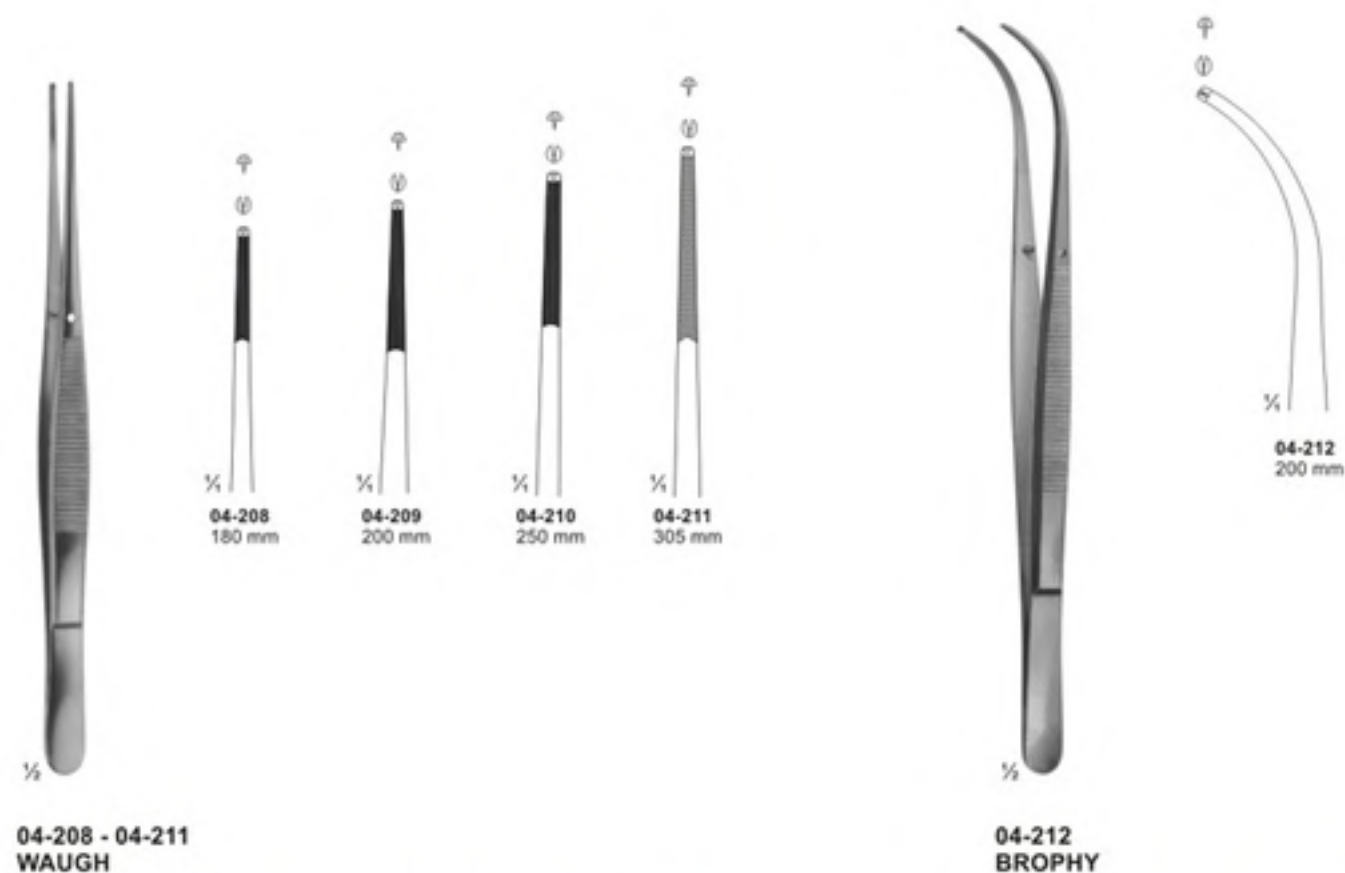
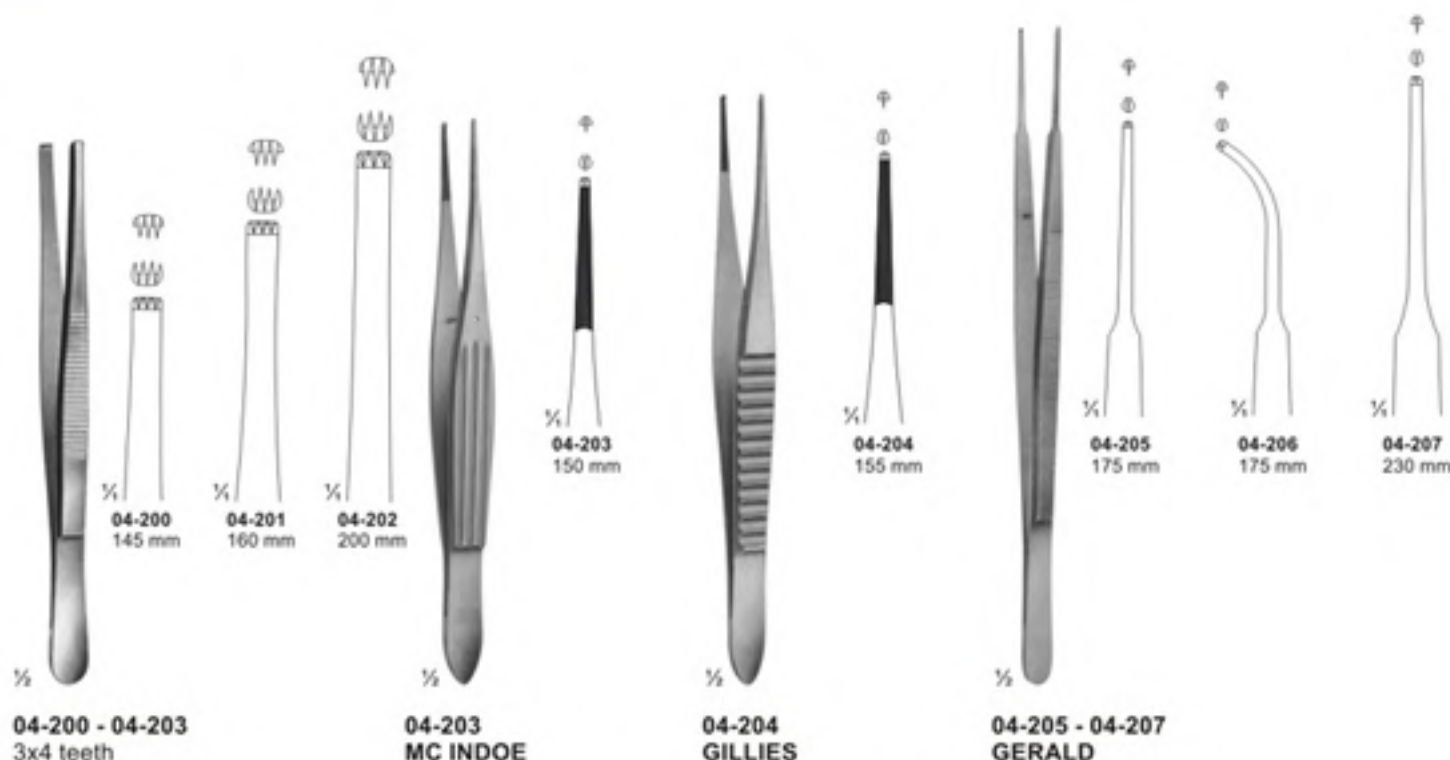
04-198
ADSON
120 mm



04-199
ADSON
150 mm



Tissue Forceps





Tissue Forceps



04-213
ADSON - BROWN
Non-traumatic
120 mm



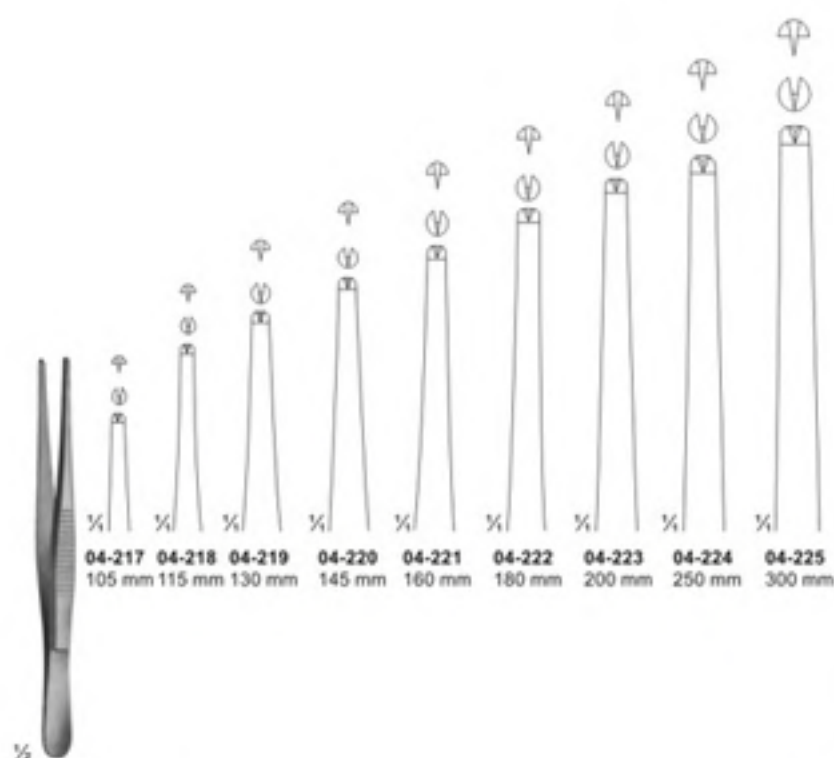
04-214
BROWN
120 mm



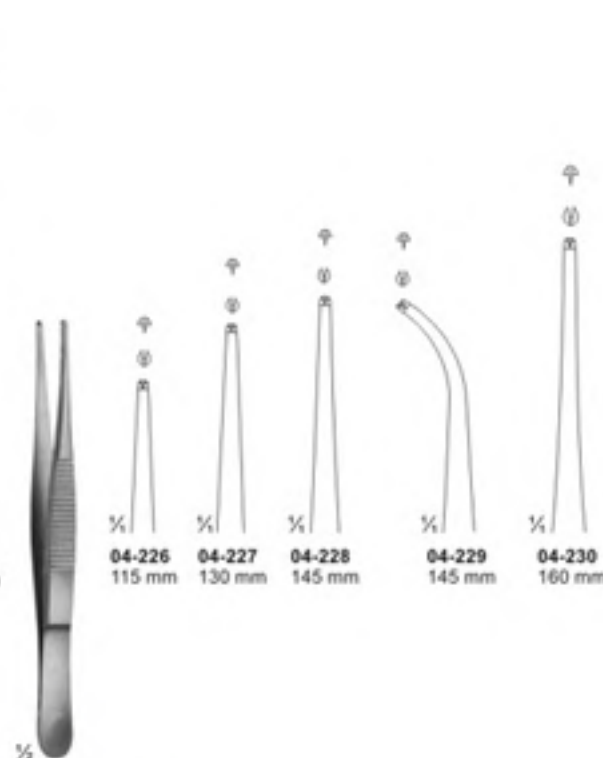
04-215
GRAEFE
110 mm



04-216
GRAEFE
With Catch
110 mm



04-217 - 04-225
STANDARD



04-226 - 04-230
GRAEFE
110 mm



Forceps, Bayonet - Shaped



04-231
LUCAE
140 mm



04-232
LUCAE
1x2 teeth
140 mm



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



04-234
JANSEN
160 mm



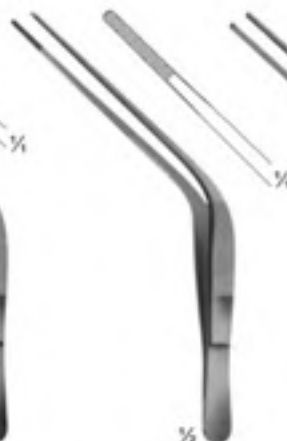
04-235
GRUENWALD
200 mm



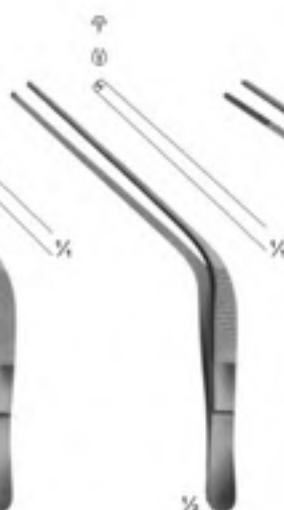
04-236
1x2 teeth
200 mm



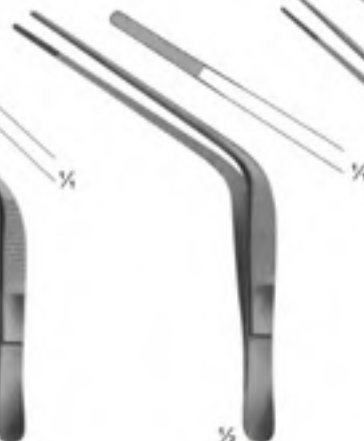
04-237
TROELTSCH
100 mm



04-238
TROELTSCH
115 mm



04-239
TROELTSCH
1X2 teeth
115 mm



04-240
WILDE
115 mm



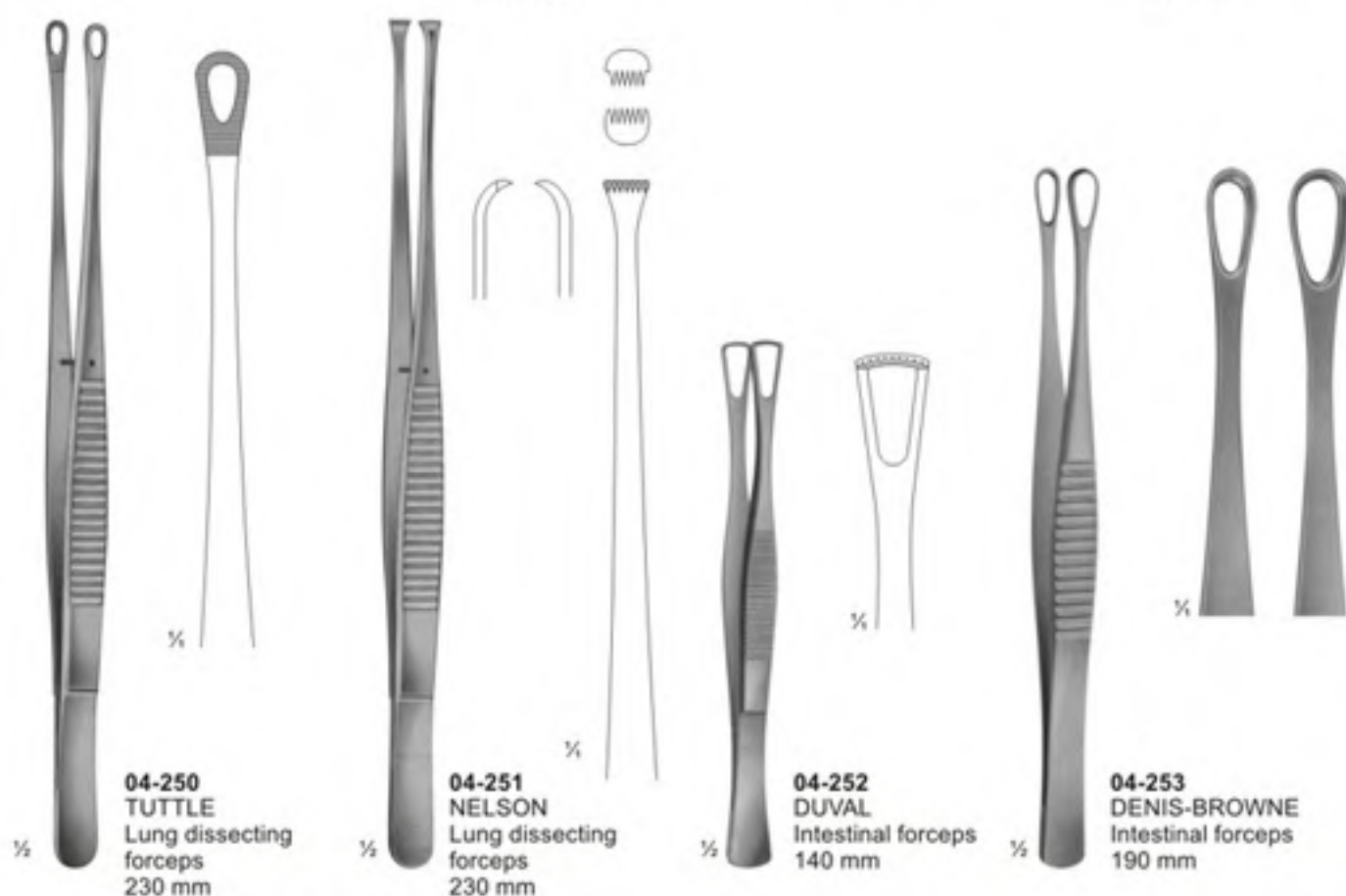
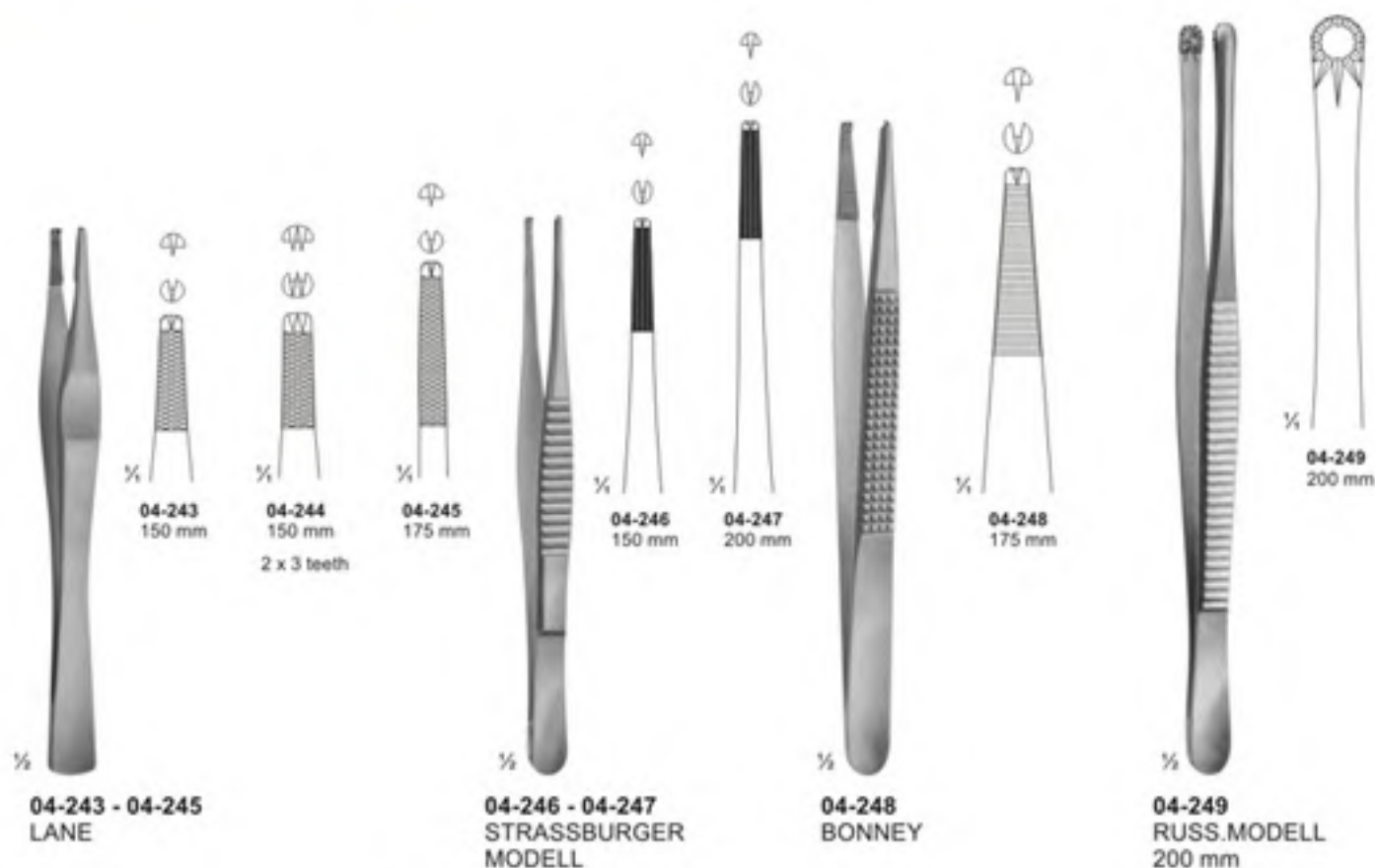
04-241
TROELTSCH
Cross action
120 mm



04-242
TROELTSCH
140 mm

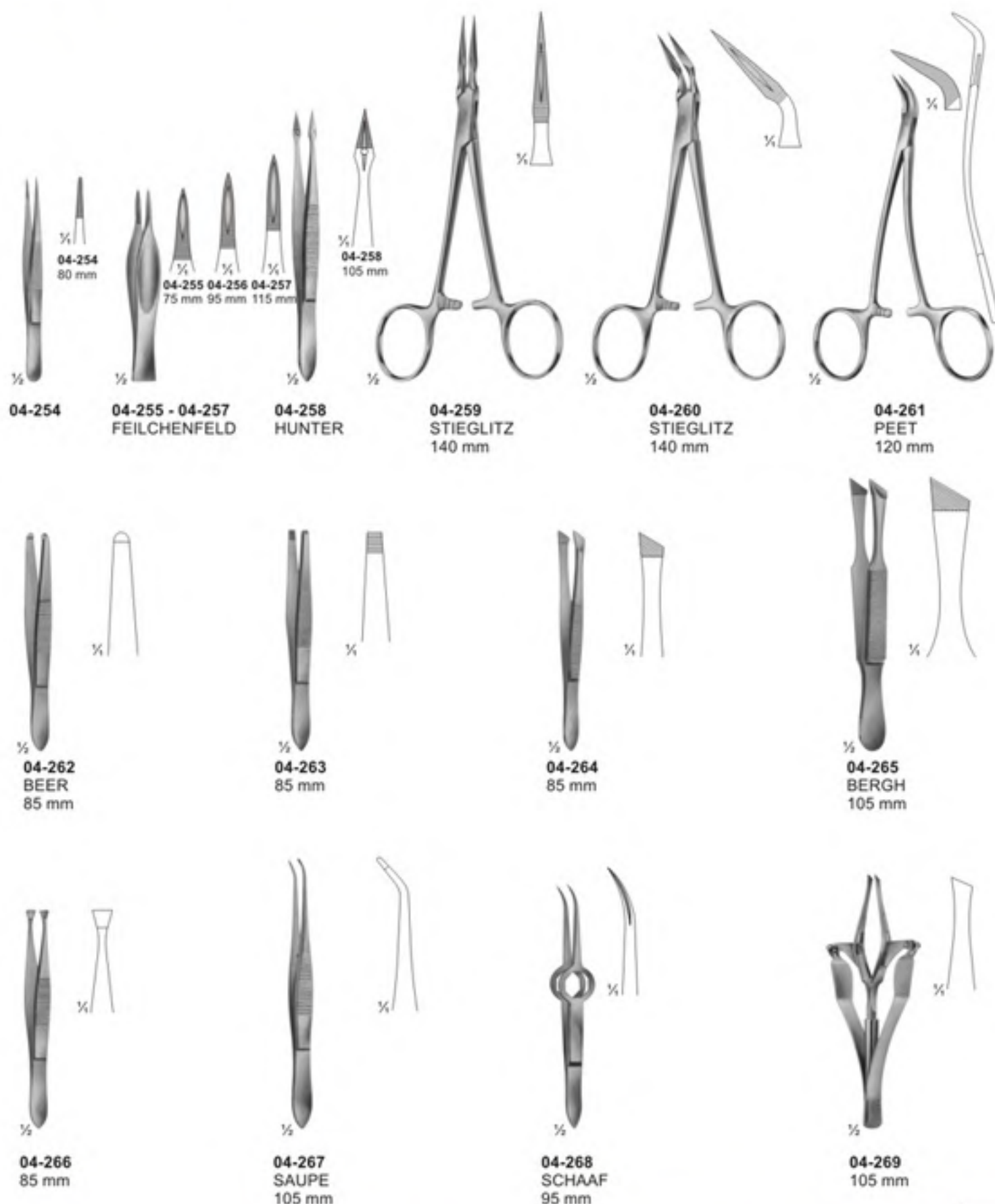


Tissue Forceps, Lung Dissecting Forceps





Splinter and Cilia Forceps





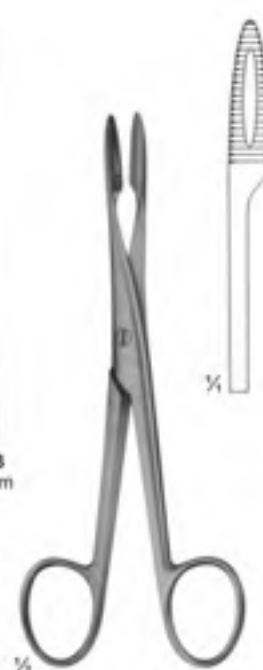
Sponge and Dressing Forceps



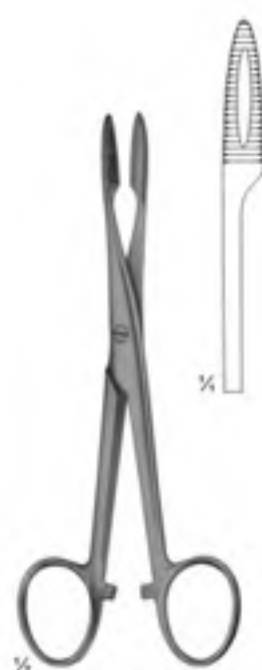
04-270
BRYANT
130 mm



04-271 - 04-273
LISTER
Sinus forceps



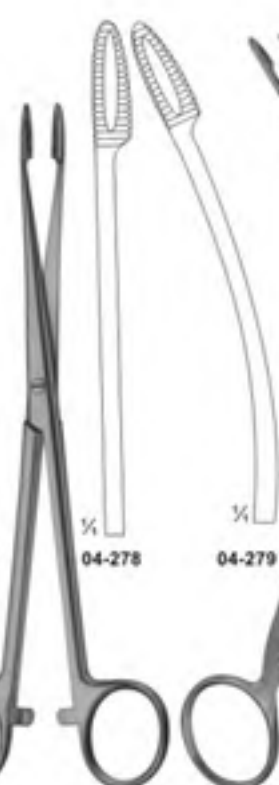
04-274
without ratchet
145 mm



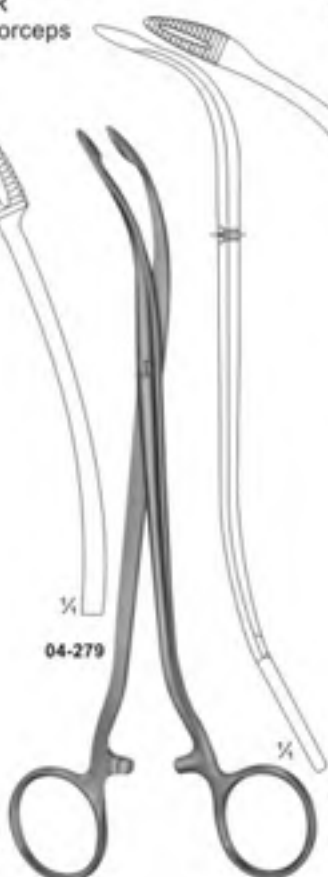
04-275
with ratchet
145 mm



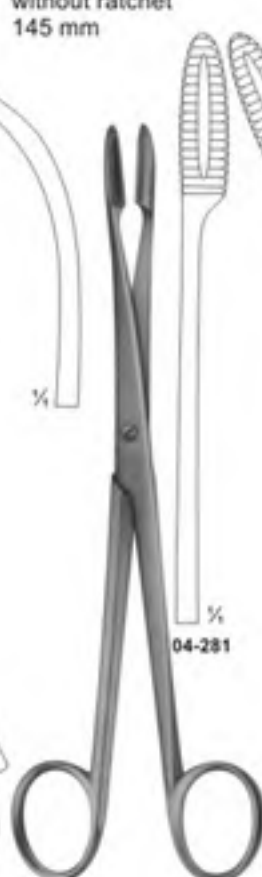
04-276 - 04-277
GROSS
without ratchet
180 mm



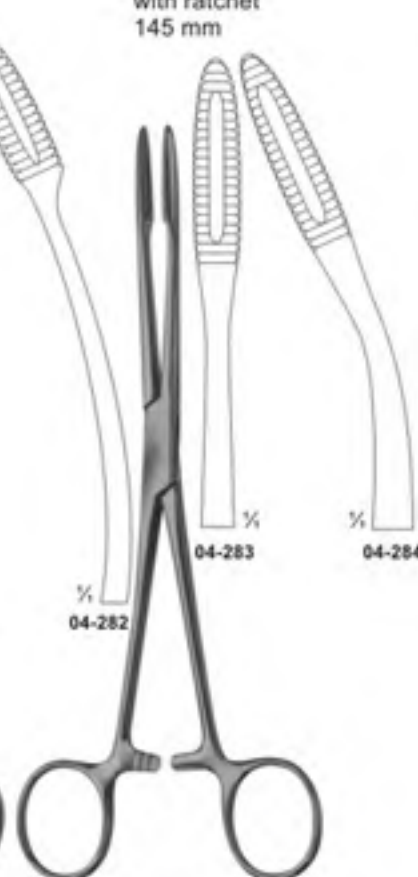
04-278 - 04-279
GROSS
with ratchet
180 mm



04-280
DUPLAY
190 mm



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

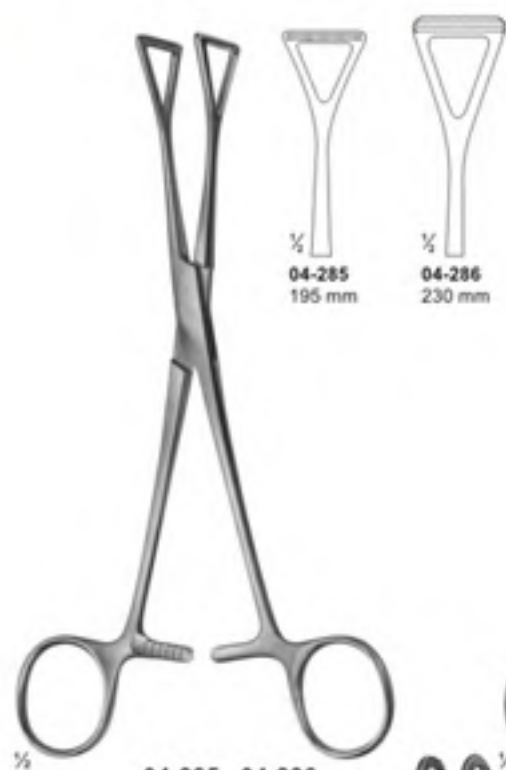


04-283 - 04-284
GROSS
200 mm



DAD & SONS
Surgical Industry

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



04-285 - 04-286
COLLIN



04-287 - 04-289
COLLIN



04-290
HEYWOOD-SMITH
200 mm



04-291
NOTO
280 mm

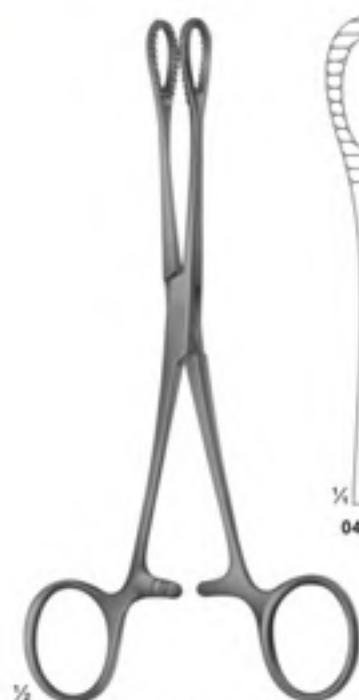


04-292
KELLY
320 mm



DAD & SONS
Surgical Industry

Dressing, Sponge holding, Organ and Tissue Grasping Forceps



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



04-293



04-294



04-295 - 04-296
RAMPLEY



04-295
180 mm



04-296
250 mm



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



04-297
Smooth Jaws



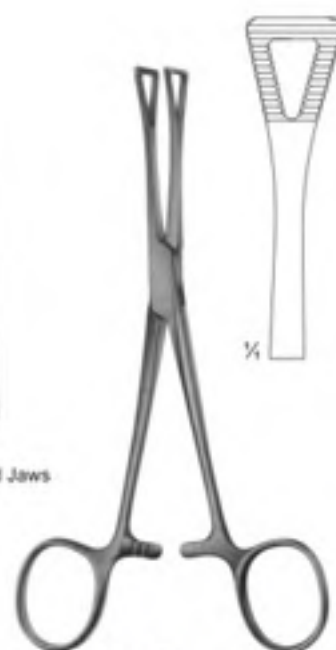
04-298
Smooth Jaws



04-299
Serrated Jaws



04-300
Serrated Jaws



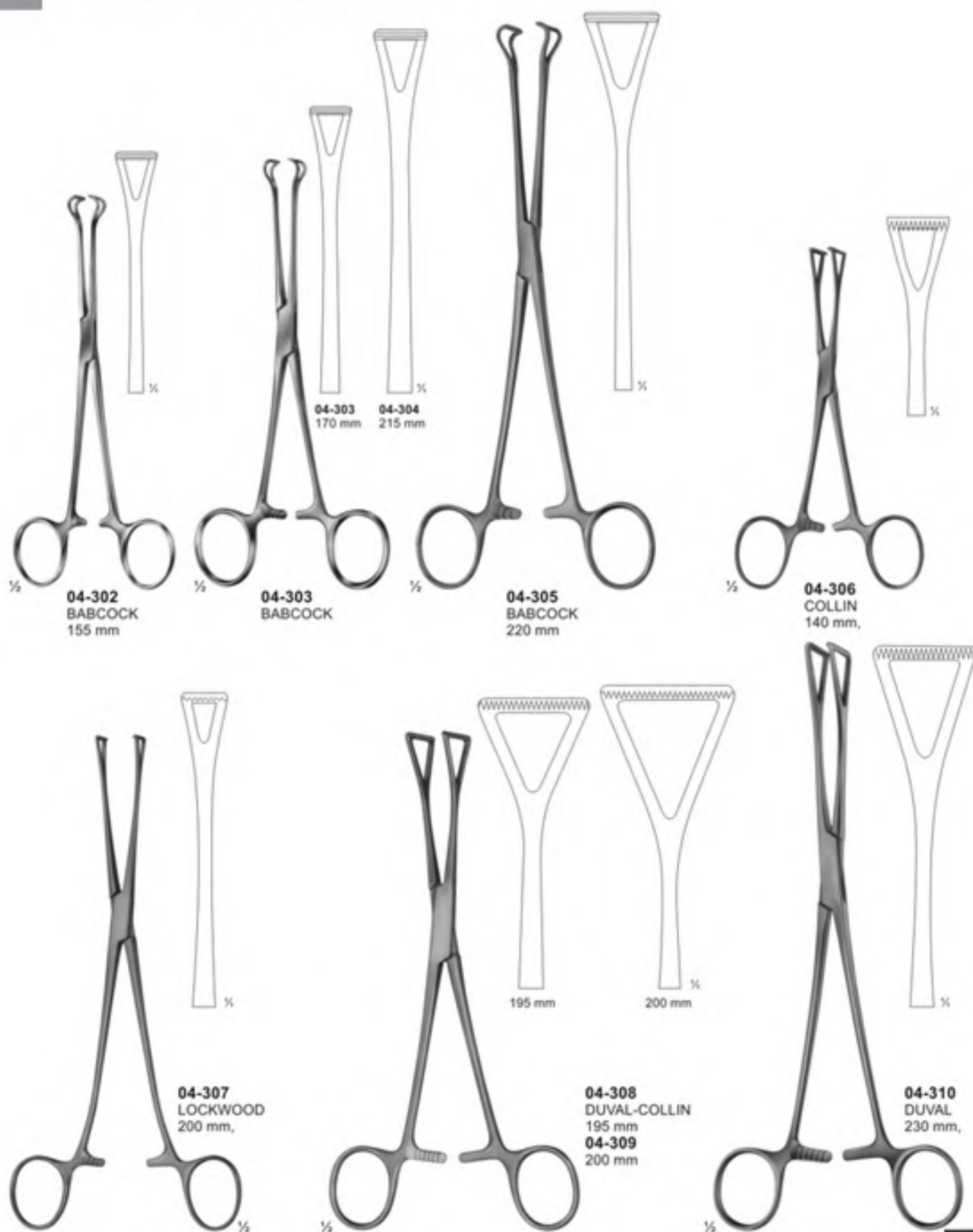
04-301
PENNINGTON
155 mm



04-301



Intestinal Grasping Forceps

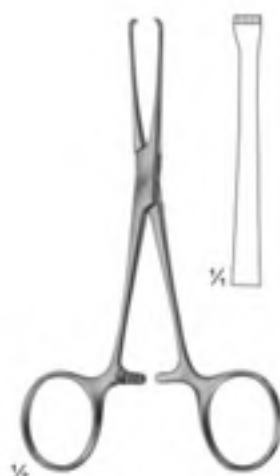




Artery Traction - and Tissue Grasping Forceps



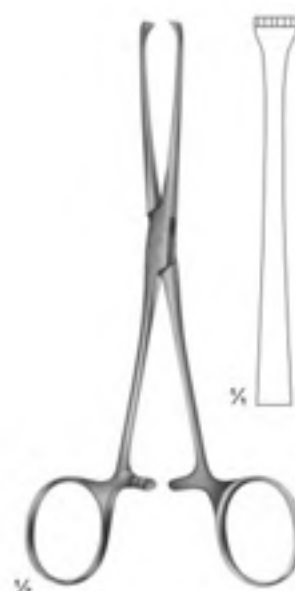
04-311
CHAPUT
2 x 3 teeth
125 mm



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



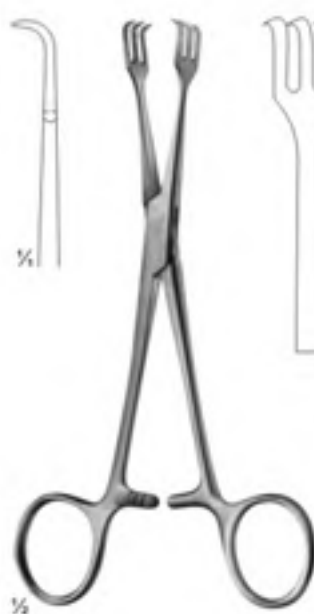
04-313
BOYS-ALLIS
5 x 6 teeth sharp
155 mm



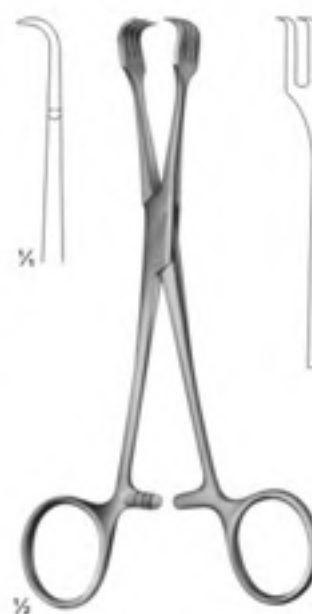
04-314
ALLIS
5 x 6 teeth
155 mm



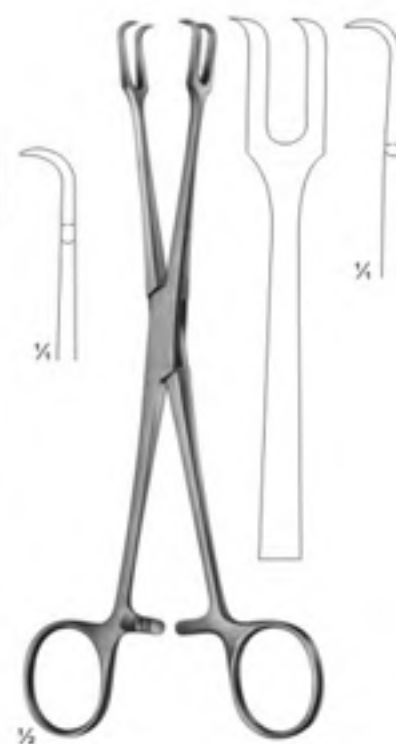
04-315
LAHEY
155 mm



04-316
LAHEY
155 mm



04-317
BRAUN
155 mm



04-318
MUSEUX
200 mm



Towel Clamps



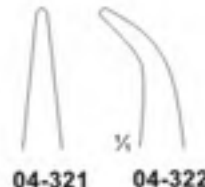
04-319
JONES
85 mm



04-320
ENGL. MOD.
85 mm



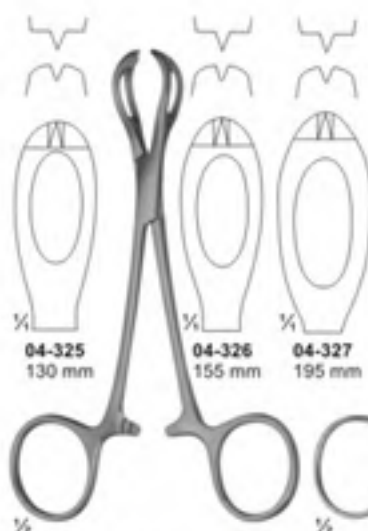
04-321 - 04-322
SCHAEDEL
85 mm



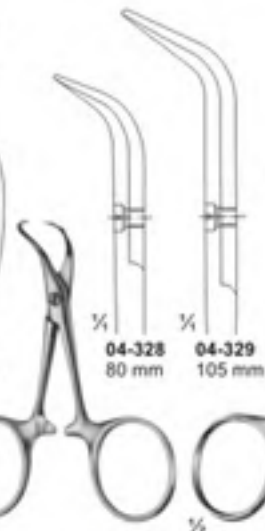
04-323
DOYEN
110 mm



04-324
DOYEN
180 mm



04-325 - 04-327
LANE



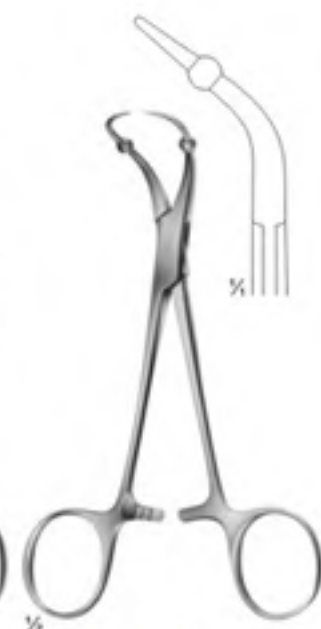
04-328 - 04-329
BACKHAUS



04-330 - 04-332
BACKHAUS



04-333
BACKHAUS-KOCHER
135 mm

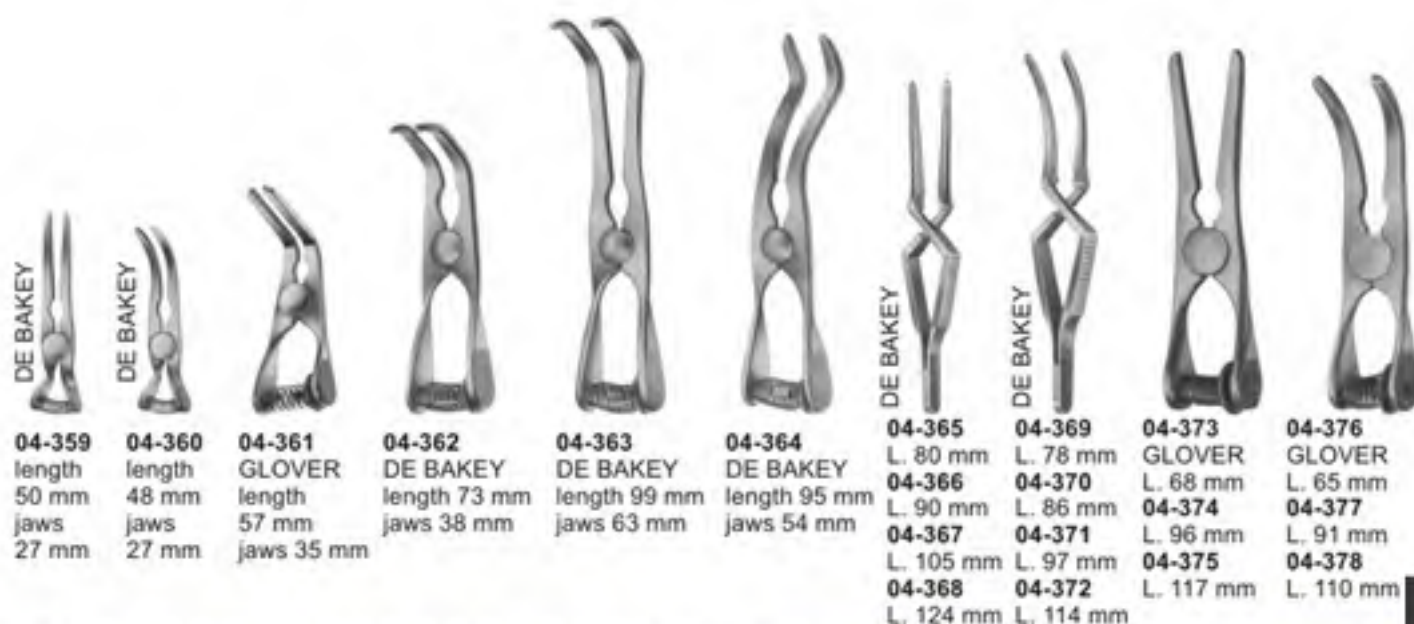
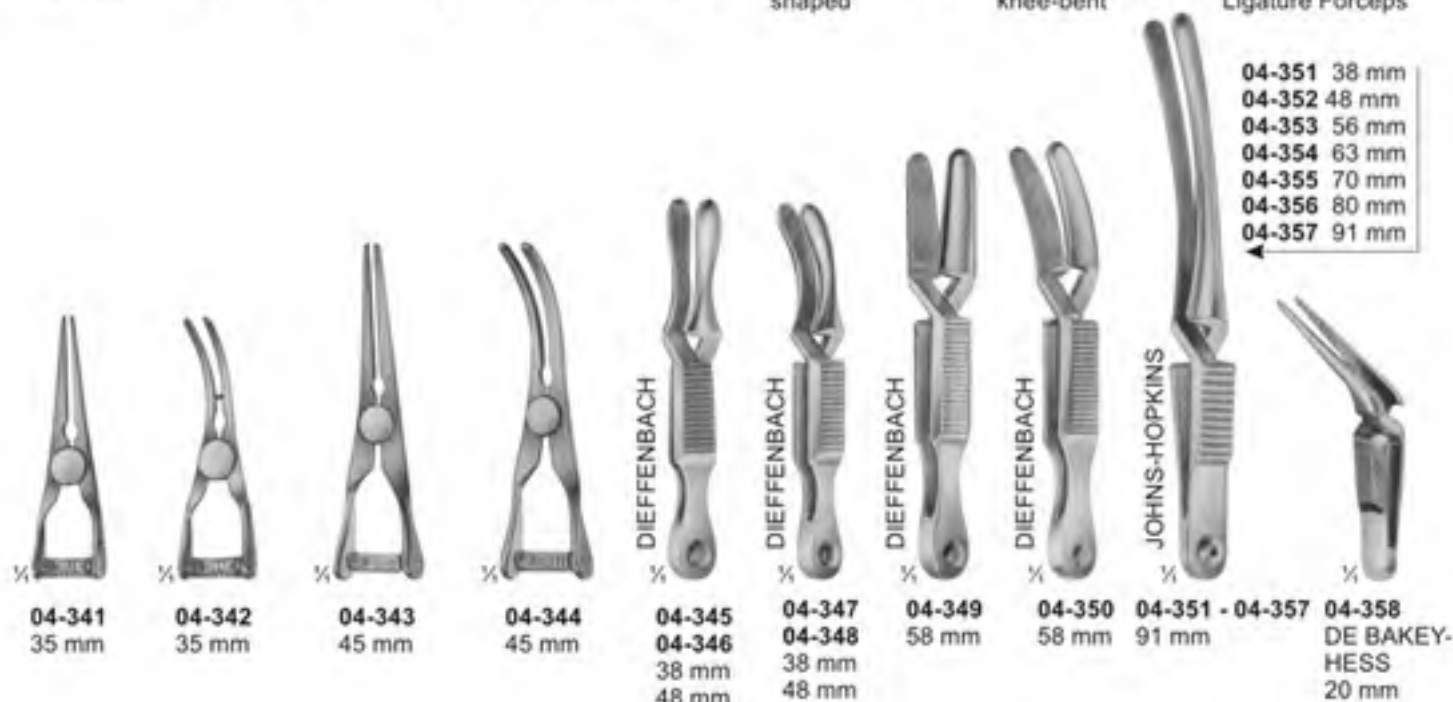
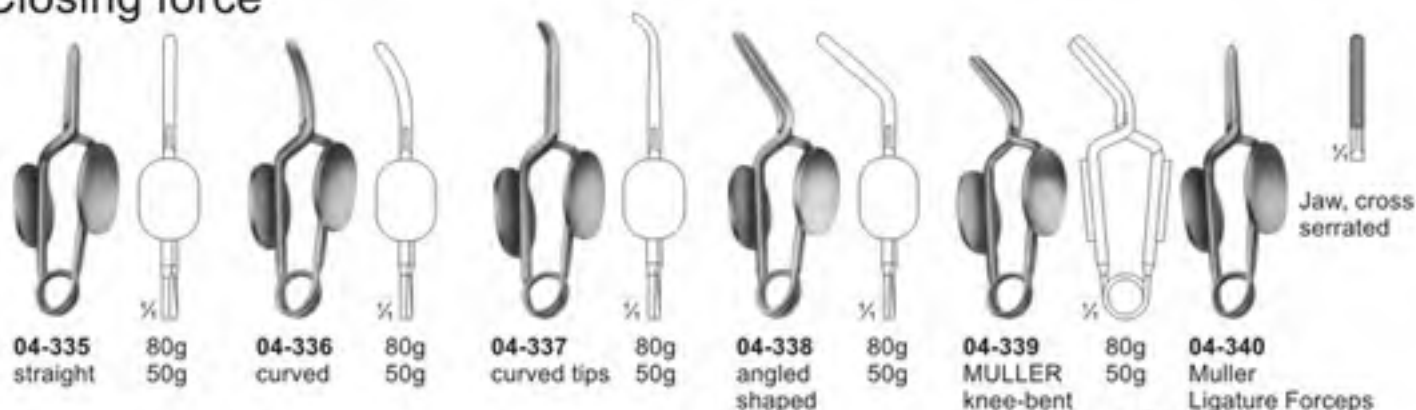


04-334
ROEDER
135 mm



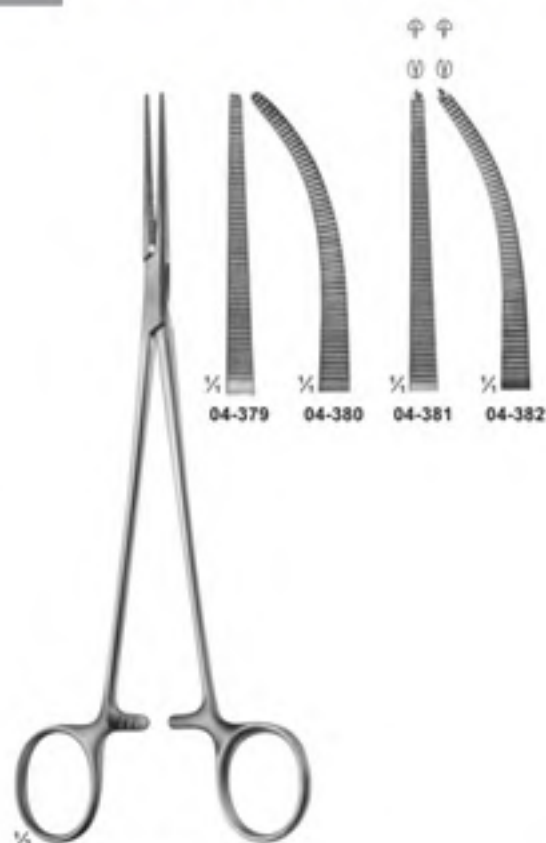
Muller Vessel Clips and Bulldog Clamps

Closing force





Delicate Haemostatic Forceps



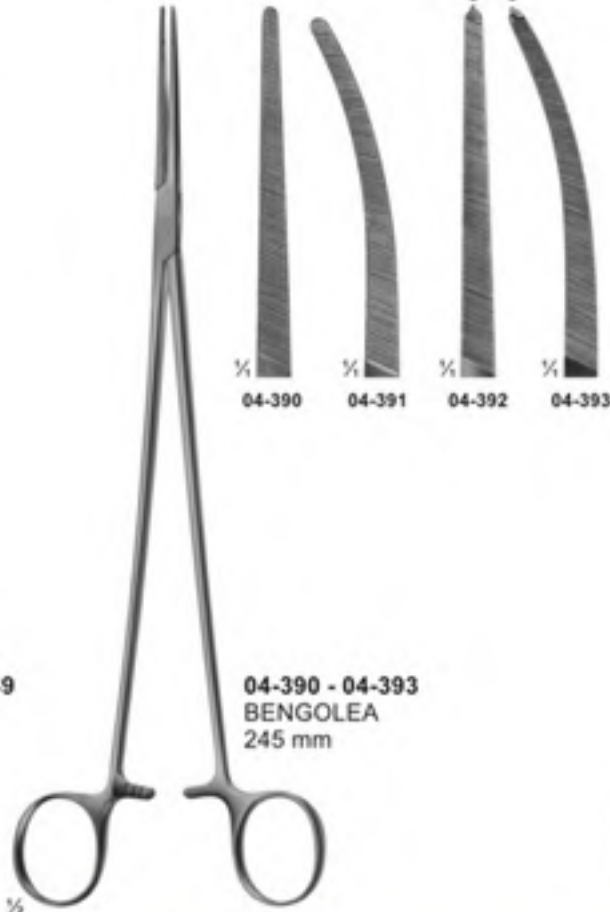
04-379 - 04-382
HALSTED-MOSQUITO
200 mm



04-383 - 04-387
HEISS
200 mm



04-388 - 04-389
HALSTED
215 mm



04-390 - 04-393
BENGOLEA
245 mm



04-394
CRAFOORD
245 mm



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Surgical Industry

Delicate Haemostatic Forceps



04-395
CARREL
85 mm



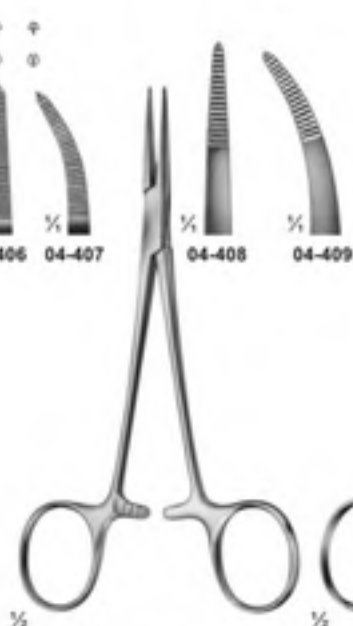
04-396 - 04-399
BABY-MOSQUITO
(HARTMANN)
100 mm



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



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



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



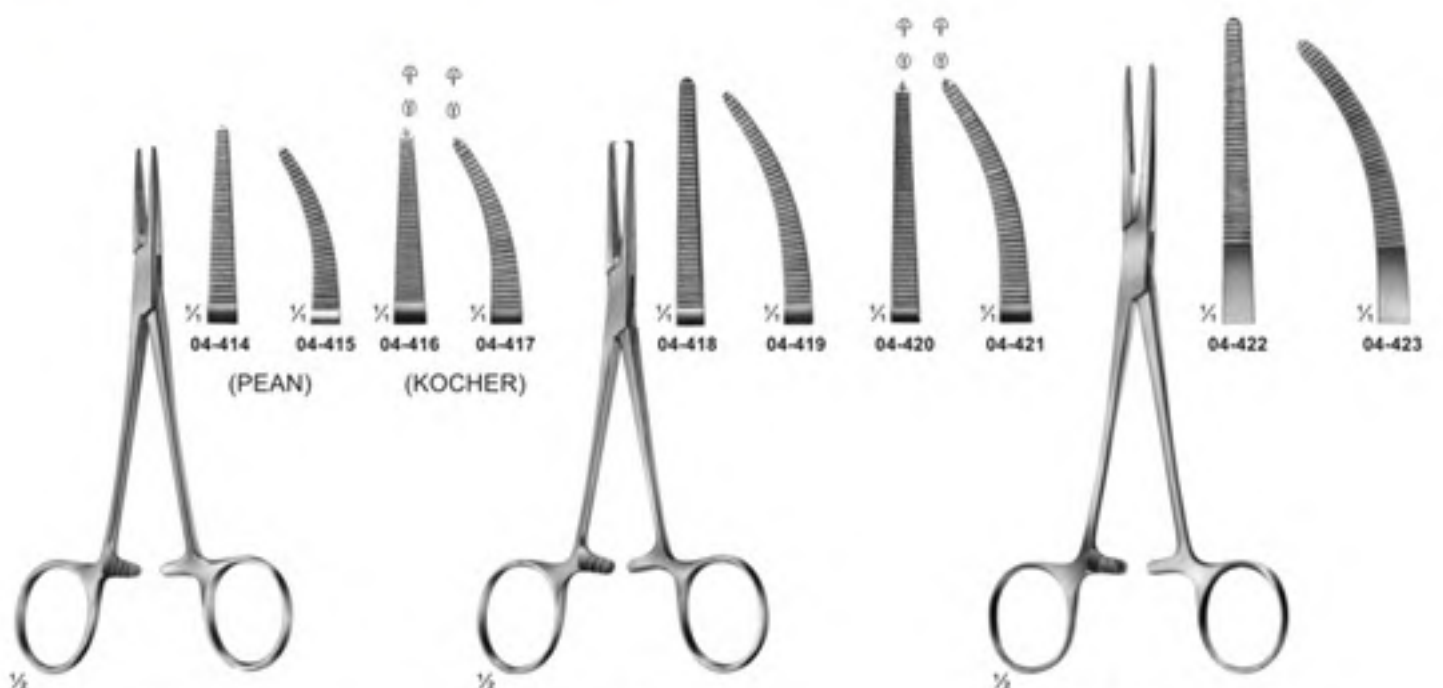
04-410 - 04-411
KELLY
140 mm



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



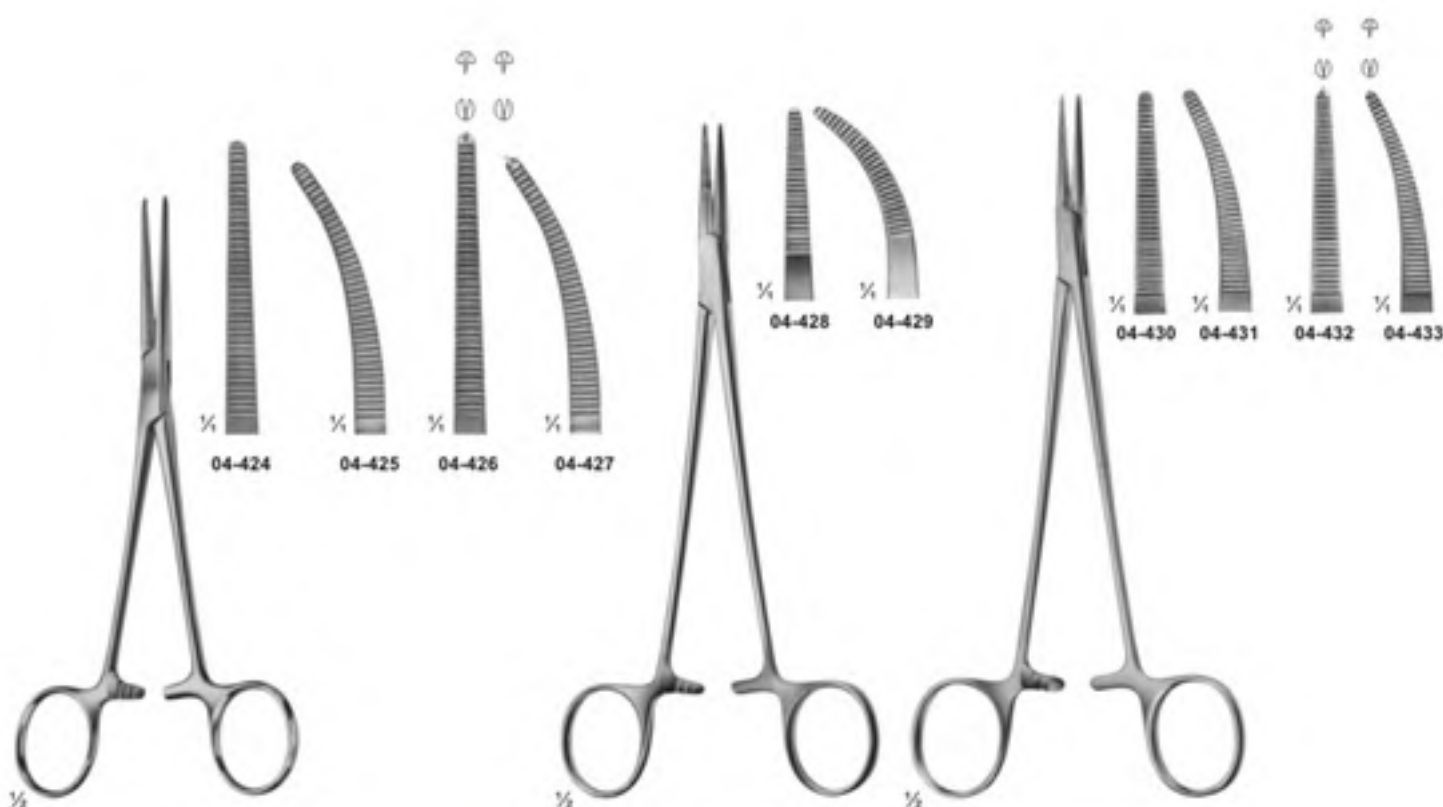
Delicate Haemostatic Forceps



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

04-418 - 04-421
CRILE
140 mm

04-422 - 04-423
RANKIN
160 mm



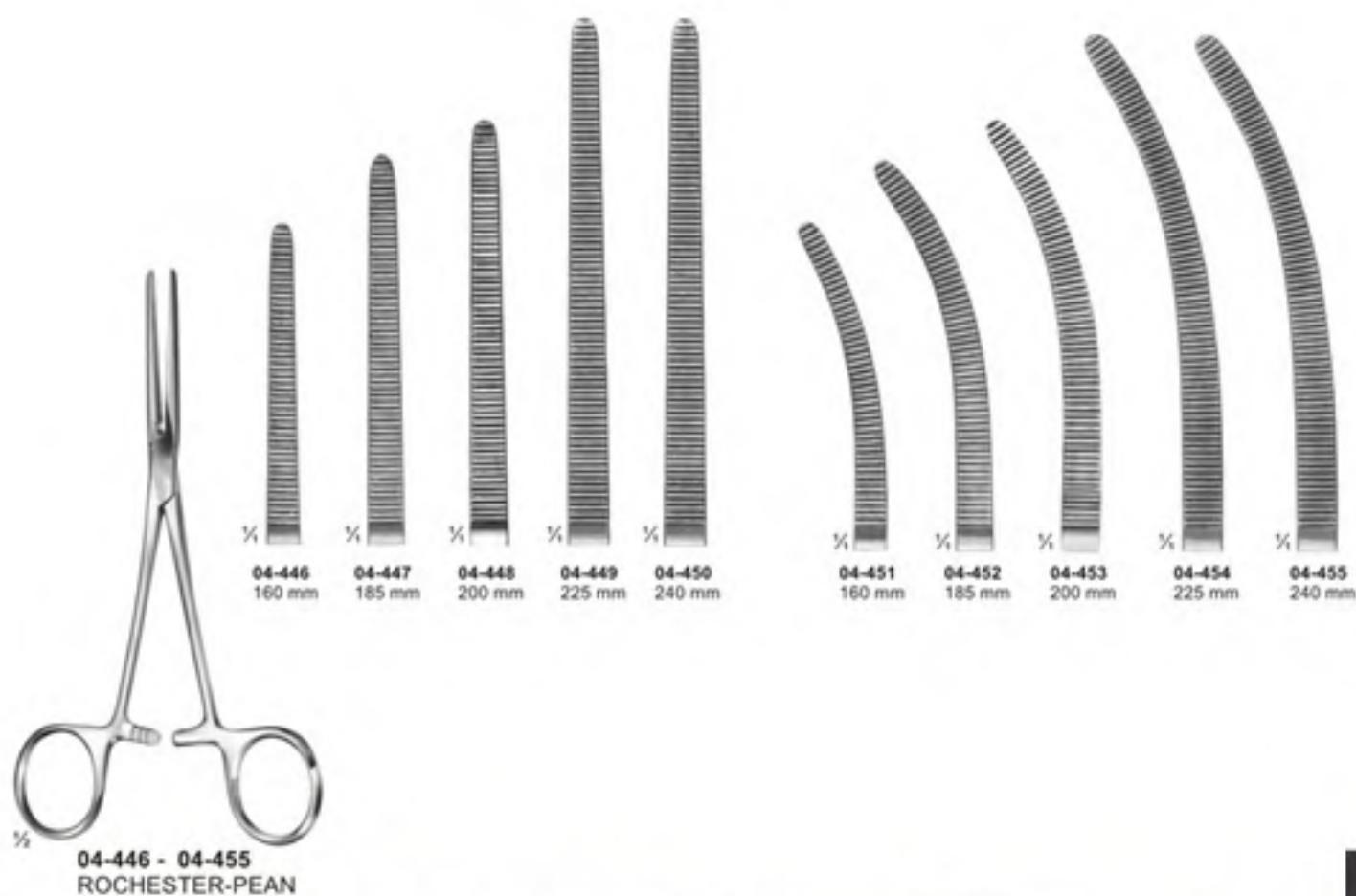
04-424 - 04-427
CRILE
160 mm

04-428 - 04-429
ADSON
185 mm

04-430 - 04-433
HALSTED
185 mm



Haemostatic Forceps

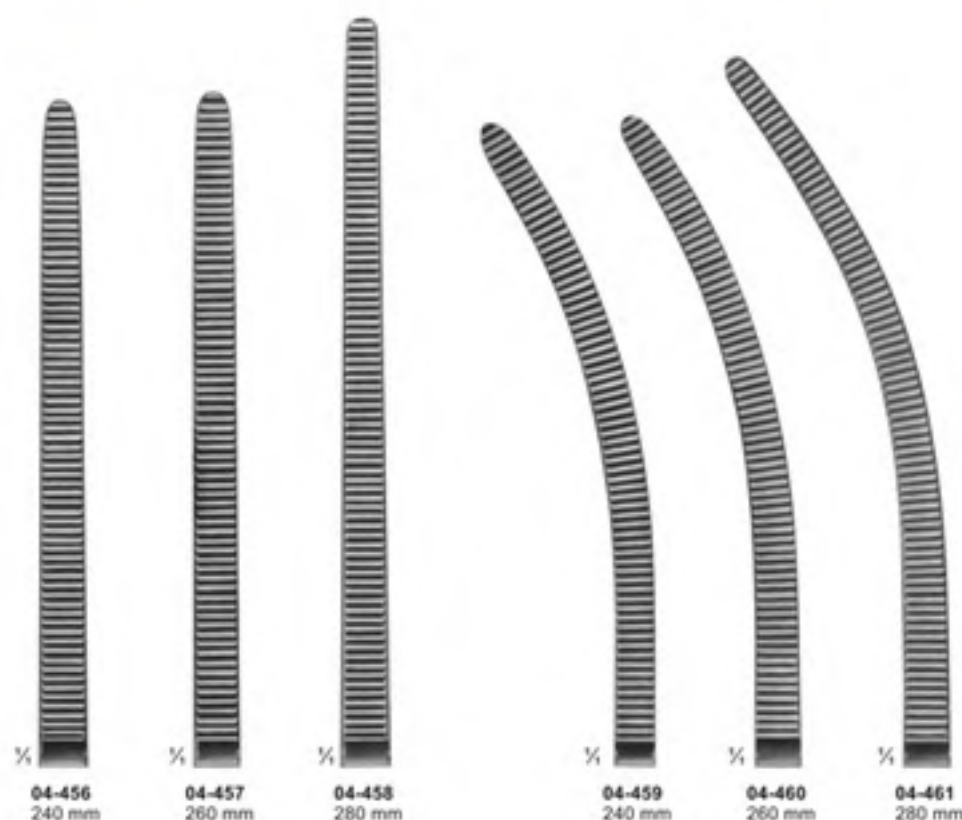




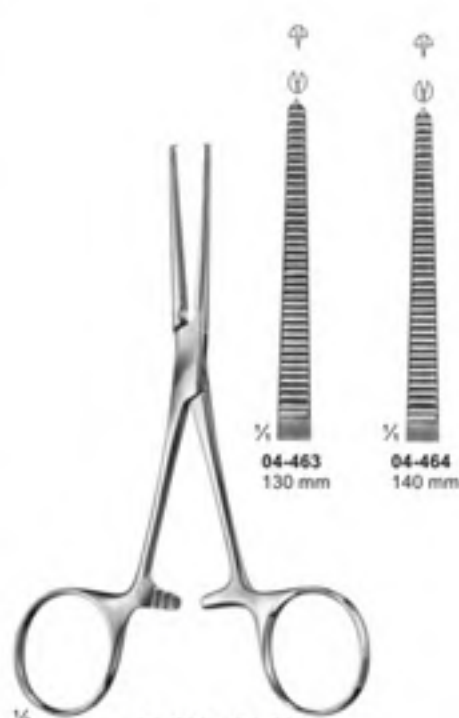
Haemostatic Forceps



04-456 - 04-461
PEAN



04-462
KOCHER
Strong Pattern
145 mm



04-463 - 04-465
KOCHER

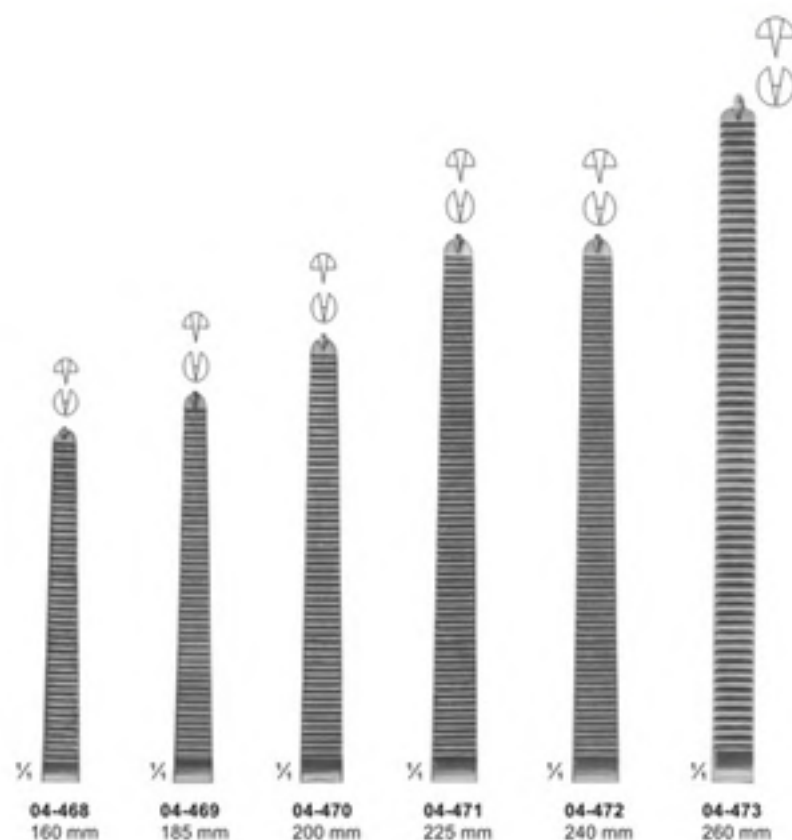


04-466 - 04-467
ROCHESTER-OGHSNER
140 mm

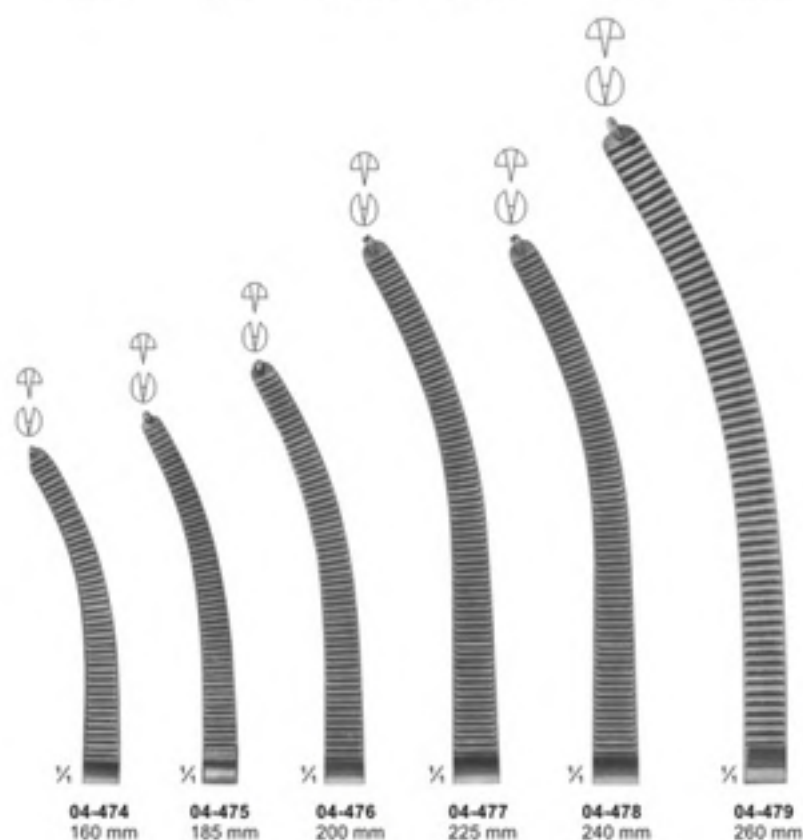


DAD & SONS
Surgical Industry

Haemostatic Forceps

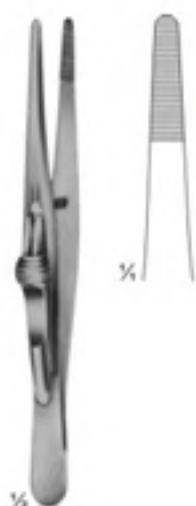


04-468 - 04-479
KOCHER-OCHSNER





Haemostatic Forceps



04-480
FRICKE
Artery forceps
130 mm



04-481
KRONLEIN
130 mm



04-482
PEAN
125 mm



04-483
125 mm



04-484
140 mm

04-483 - 04-484
PEAN



04-485
PEAN
125 mm



04-486
165 mm

04-487
185 mm

04-486 - 04-487
PEAN



DAD & SONS
Surgical Industry

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



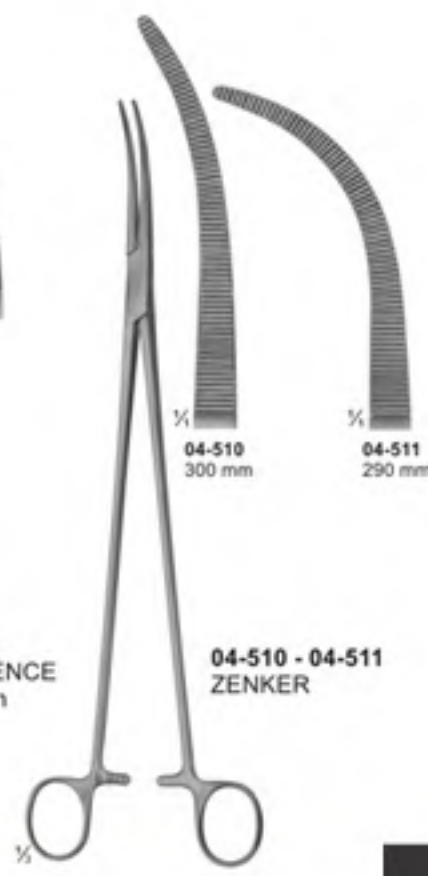
04-507
FINOCHIETTO
245 mm



04-508
MIXTER
230 mm



04-509
LAWRENCE
270 mm



04-510 - 04-511
ZENKER

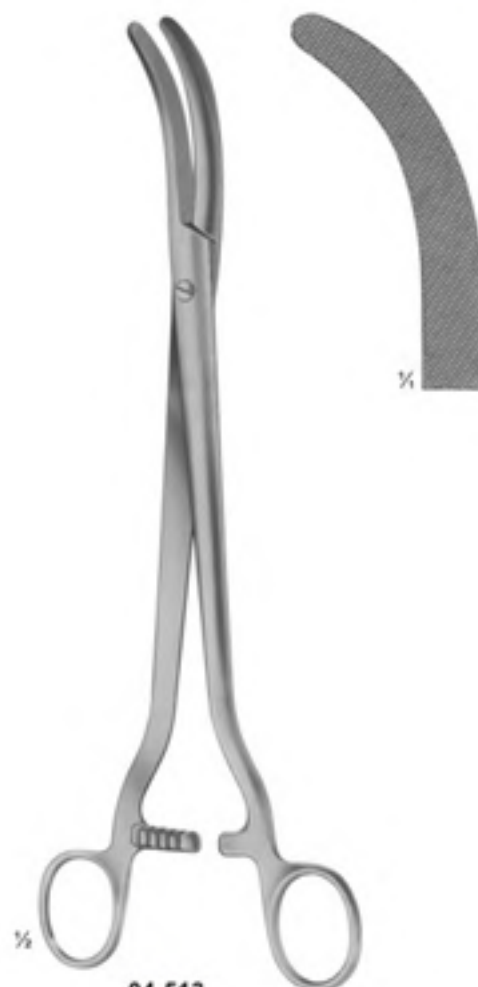


DAD & SONS
Surgical Industry

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



DAD & SONS
Surgical Industry

Hysterectomy Forceps, Vaginal Clamps and Compression Forceps





Needle Holders for micro surgery



05-101
ROHRSCHEIDER
with copper inserts
100 mm



05-102
KALT
with catch
135 mm



05-103
ARRUGA
with catch
135 mm



05-104 - 105
CASTROVIEJO
with catch
145 mm



05-106 - 107
without Catch
160 mm



05-108 - 109
without catch
185 mm



05-110 - 111
JACOBSON
185 mm



05-112
without catch
195 mm



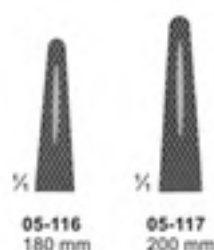
05-113 - 114
YASARGIL
with catch
200 mm



Needle Holders



05-115 - 117
MAYO-HEGAR
medium fine patterns



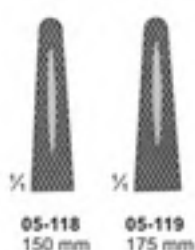
05-116
180 mm



05-117
200 mm



05-118 - 121
HEGAR
heavy patterns



05-119
175 mm



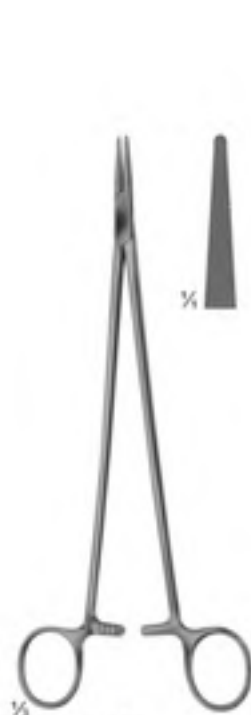
05-120
205 mm



05-121
205 mm



05-122
HEANEY (HEGAR)
200 mm



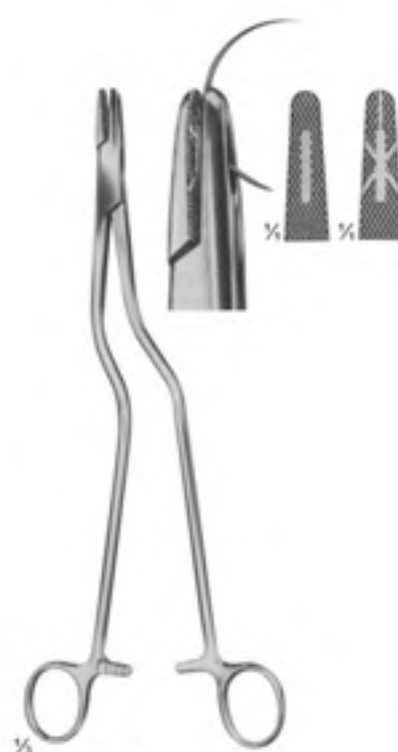
05-123
JAMESON
230 mm



05-124
WANGENSTEEN
275 mm



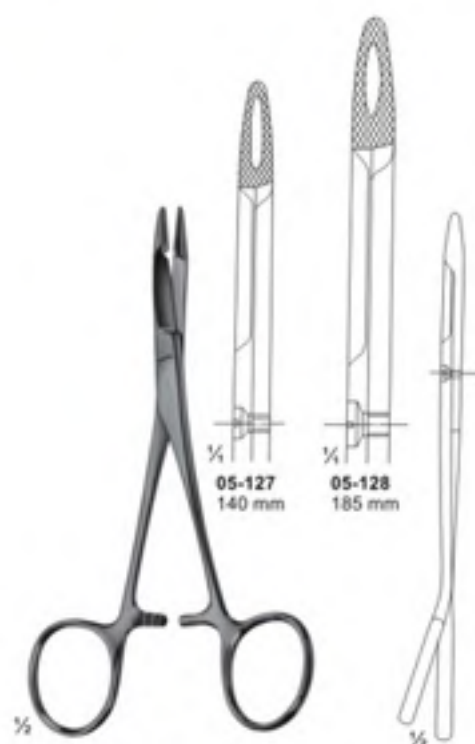
05-125
MASSON
265 mm



05-126
MASSON-LUETHY
255 mm



Needle Holders



05-127 - 128
HEGAR-OLSEN
255 mm



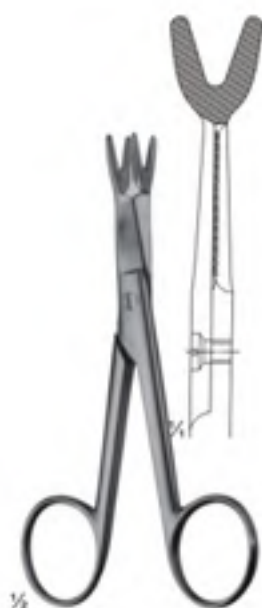
05-129
GILLIES
150 mm



05-130
GILLIES
160 mm



05-131
EISELSBERG
115 mm



05-132
SCHOEMAKER-LOTH
125 mm



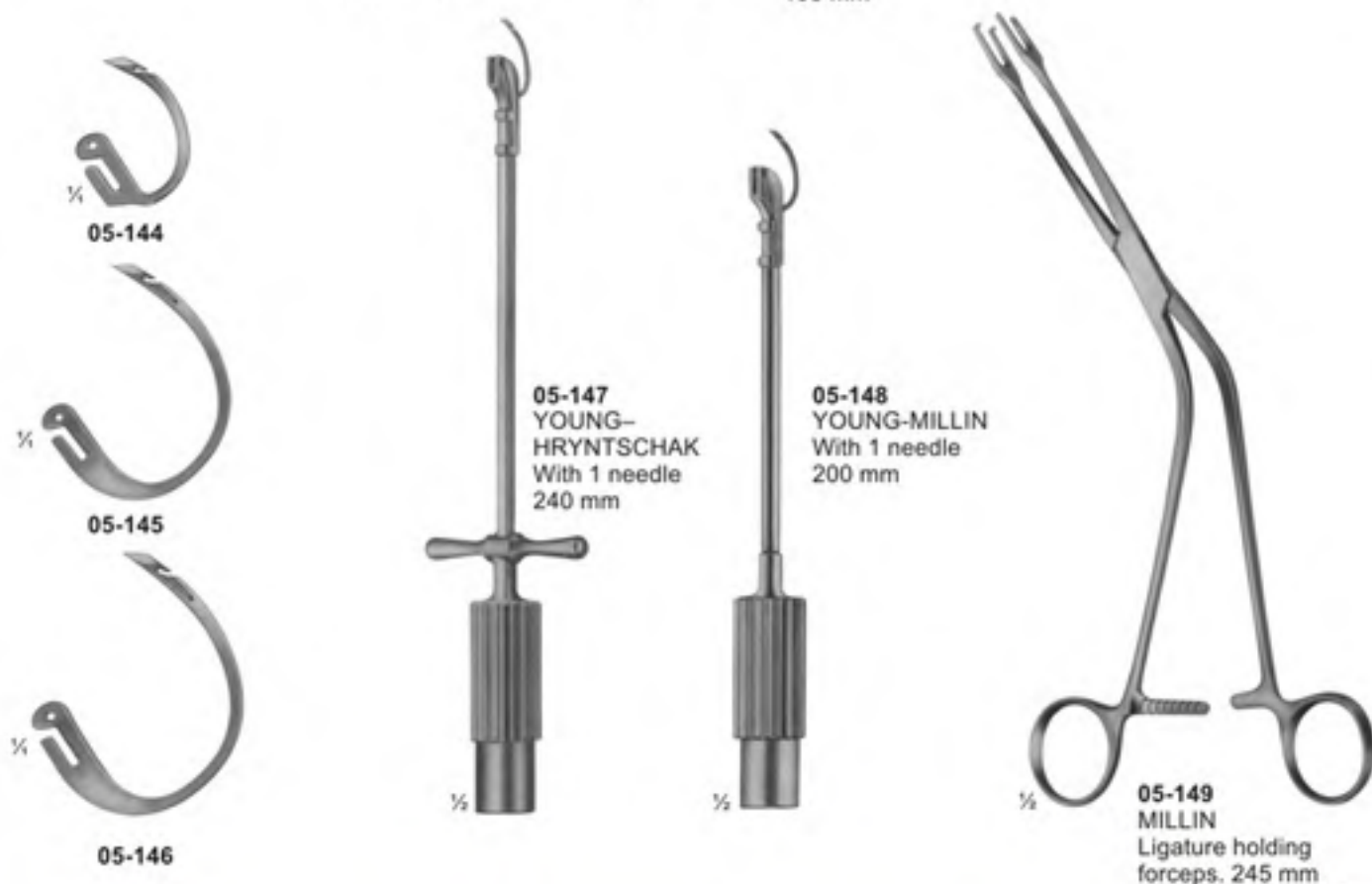
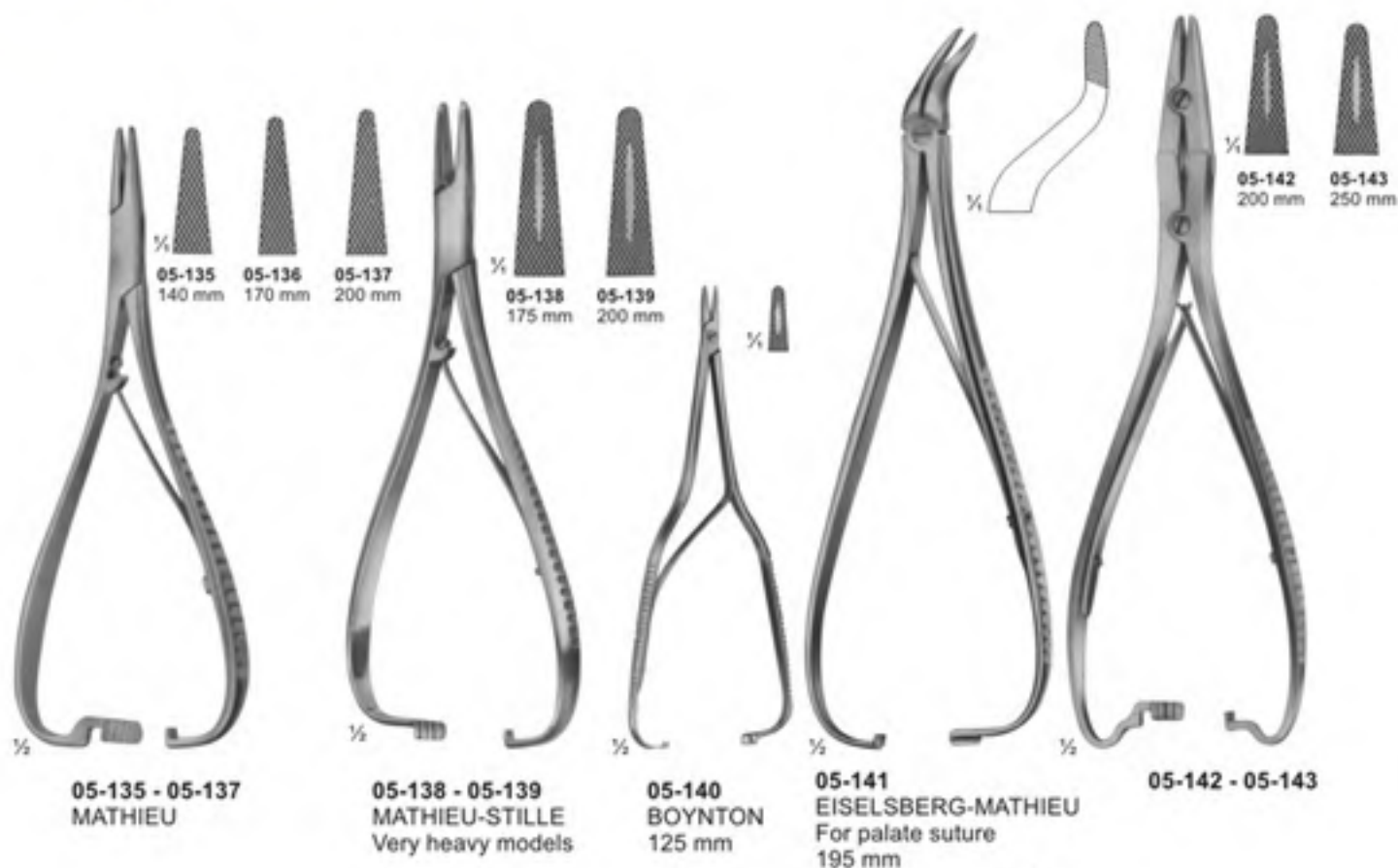
05-133
CRILE
150 mm



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

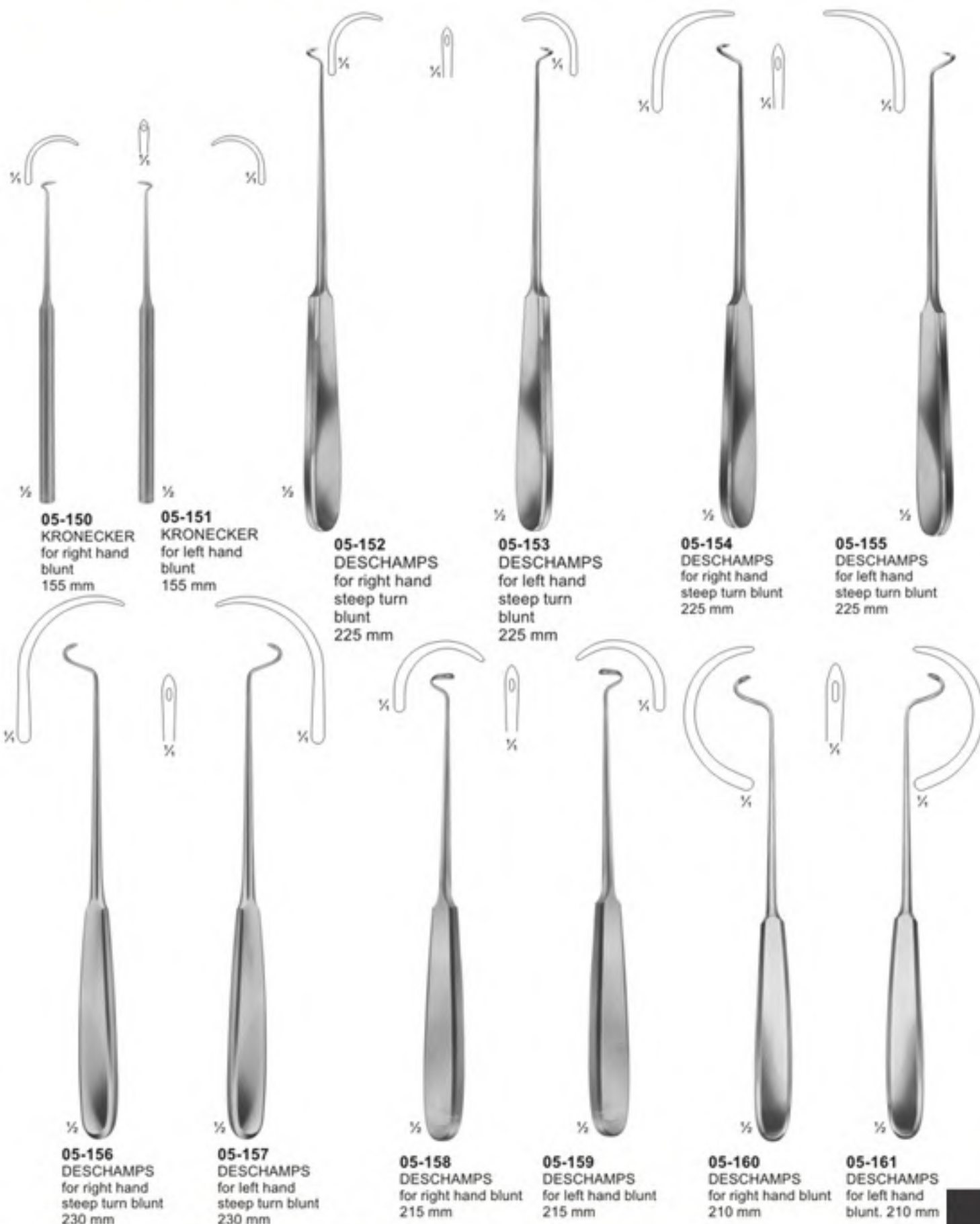


Needle Holders





Suture Instruments - Reverdin Needles





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



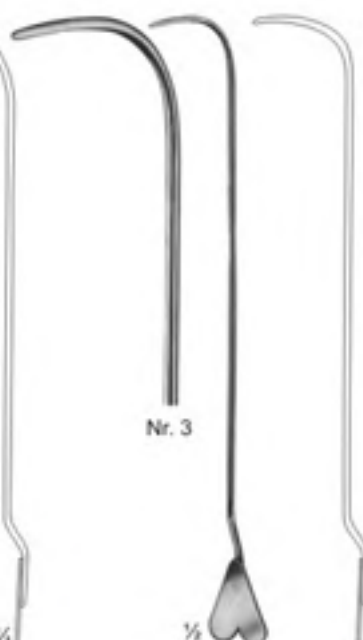
05-168
BRODIE
Director with tip,
Diam. Of tip 3,5 mm
200 mm



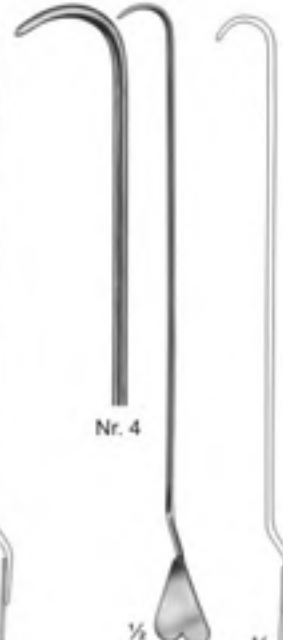
05-169
LOCKHART-MUMMERY
165 mm



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

1/2

05-177
Myrtle leaf probe
145 mm



2,0 mm

1/2

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



1/2

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

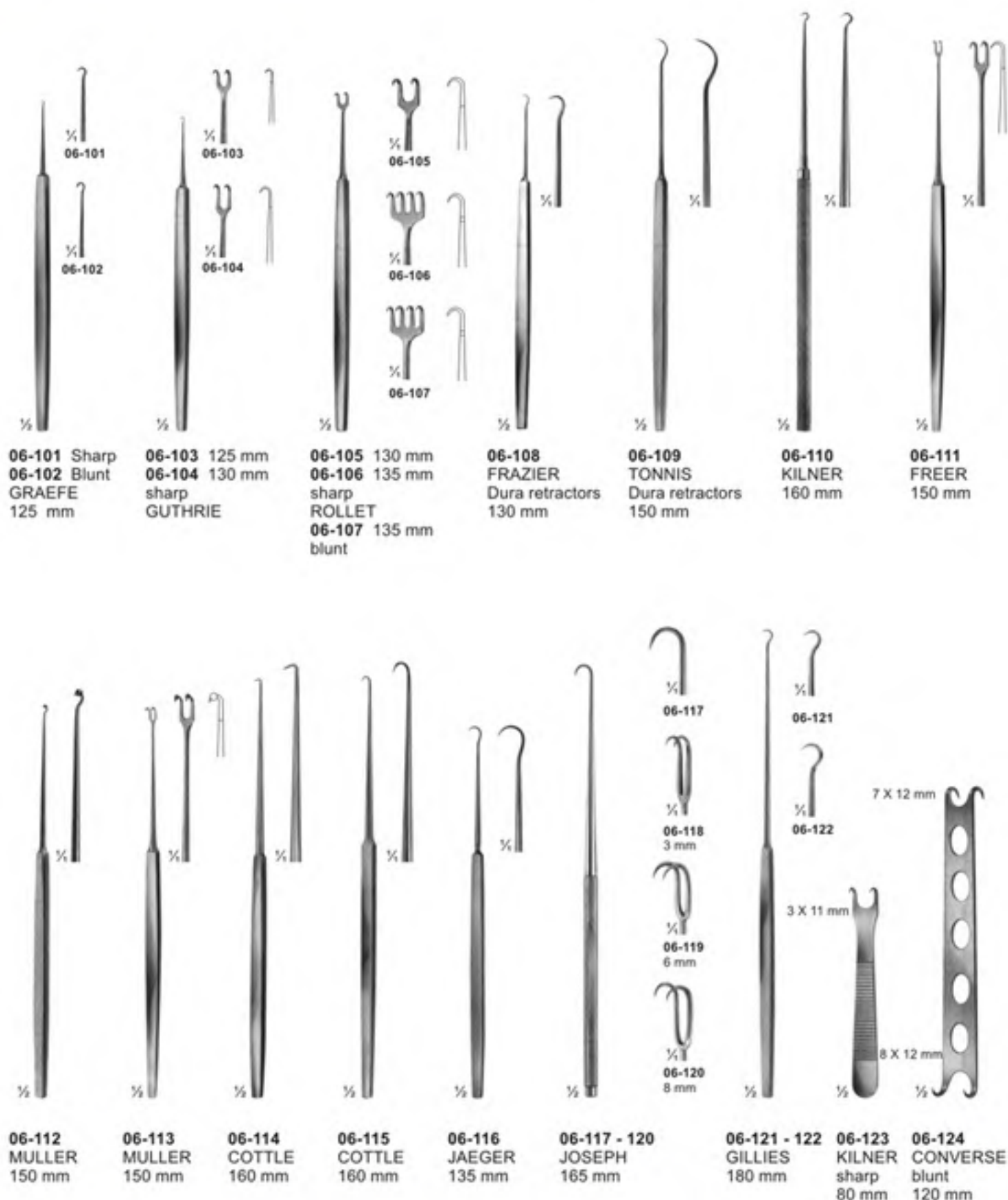
1 MAYO-HEGER needle holder, 150mm
1 MICHEL clip forceps, combined
1 Myrtle leaf probe, 130mm
1 Sharp double curette
1 Skin hook
1 Detachable scalpel handle, no. 4
1 Perforated metal case, consisting
6 Scalpel blades
1 Perforated metal case, stainless, consisting:
1 Suture needle
1 item, & 1 item

Top tray

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

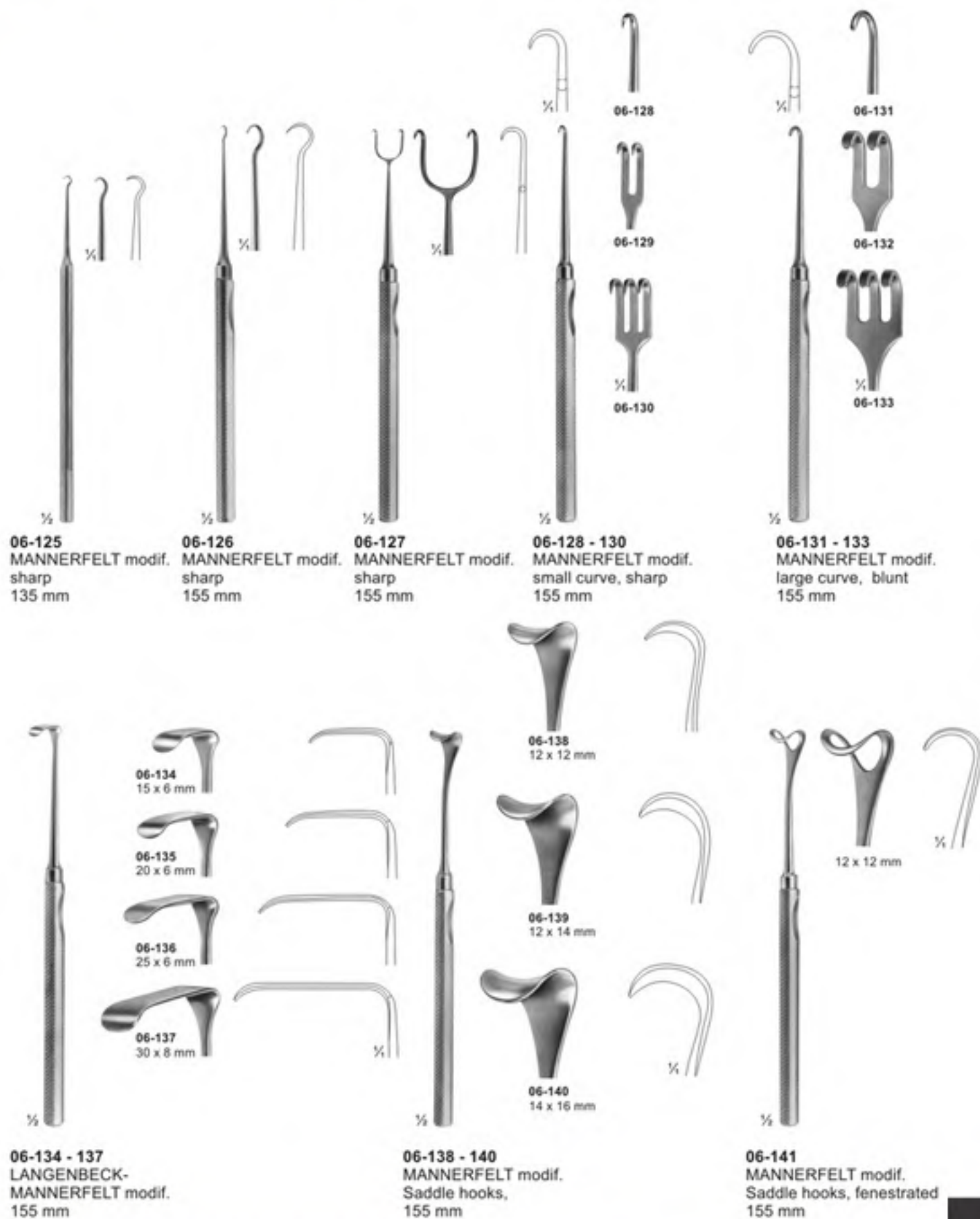


Fine Wound Retractors (Dura- and Skin Retractors)



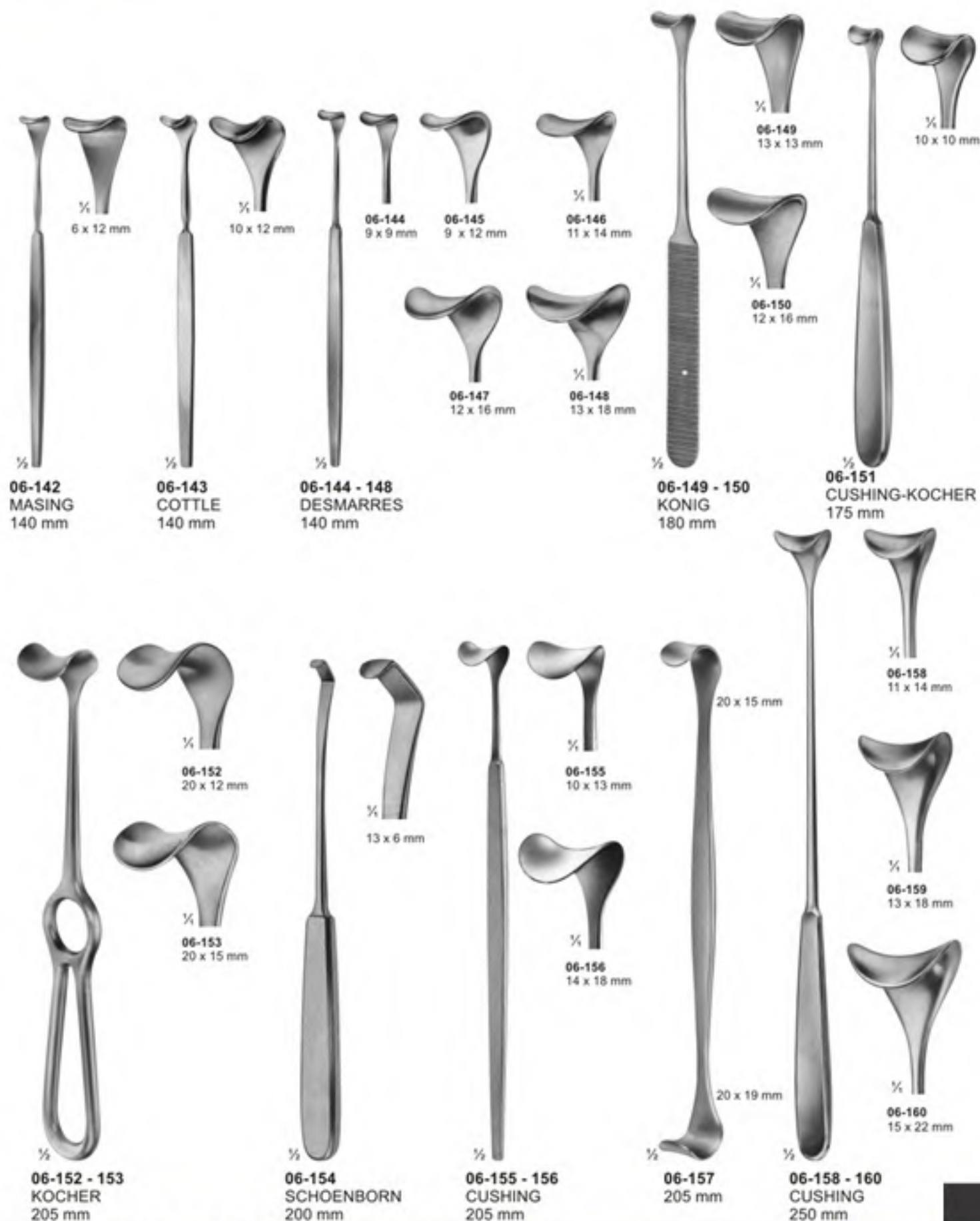


Retractors With triangle handle



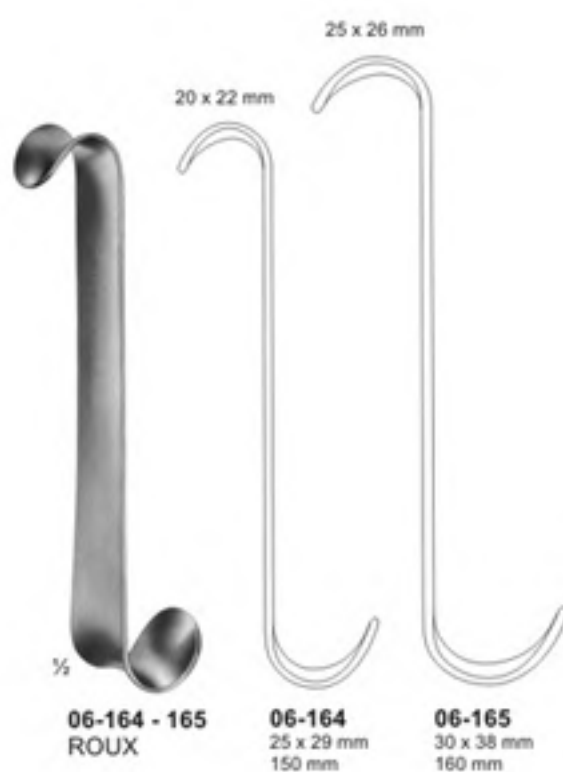


Retractors





Retractors





Retractors





Bone Retractors and Retractors



06-184
KOCHER
sharp
205 mm



06-185
KOCHER
sharp
220 mm



06-186
KOCHER
sharp
220 mm



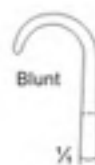
06-187
VOLKMANN
blunt
220 mm



06-188
VOLKMANN
sharp
220 mm



06-189 - 06-196
VOLKMANN
225 mm



06-189
9 x 8 mm



06-190
9 x 13 mm



06-191
9 x 19 mm



06-192
9 x 29 mm



06-193
8,5 x 8 mm



06-194
8,5 x 13 mm



06-195
8,5 x 19 mm



06-196
8,5 x 29 mm



Retractors



06-197
15 x 15 mm
220 mm



06-198
20 x 22 mm
215 mm



06-199
28 x 28 mm
235 mm



38 x 18 mm

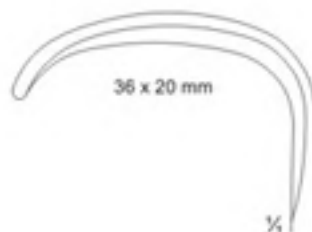
06-200
BUCHS
205 mm



67 x 17 mm



06-201
CASPAR
210 mm



36 x 20 mm

06-202
KOCHER
230 mm



DAD & SONS
Surgical Industry

Retractors, Vario Retractor System

06-203 80 x 20 mm



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



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



Handle arrange-
ment verriable



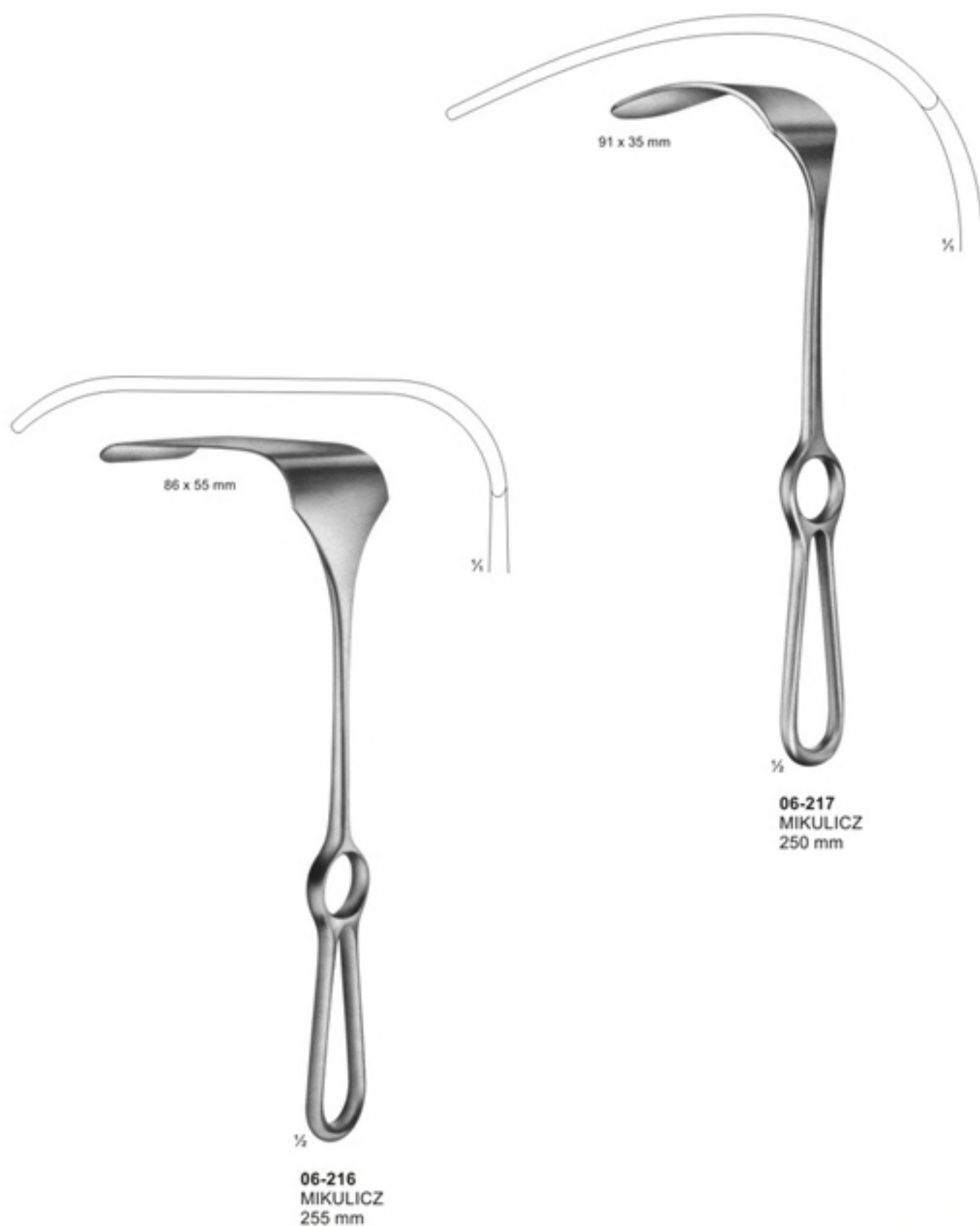
Retractors, Lung Spatulas





DAD & SONS
Surgical Industry

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





Retractors, Abdominal Retractors



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



DAD & SONS
Surgical Industry

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

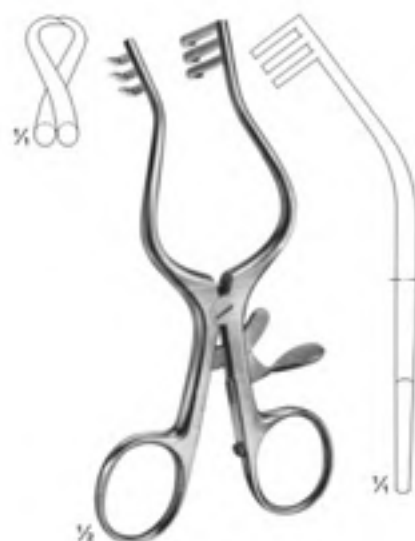
06-238 - 06-239
KADER
06-238 30 mm
06-239 40 mm
270 mm



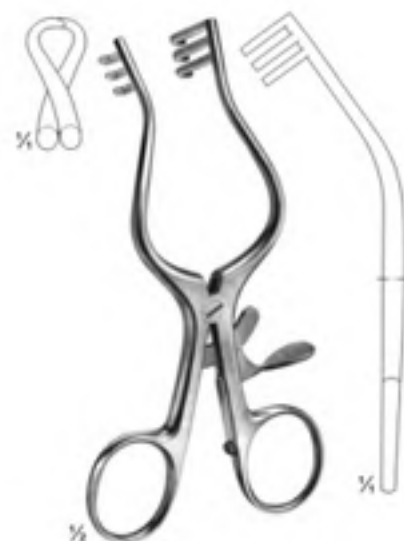
Self-Retaining Retractors



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



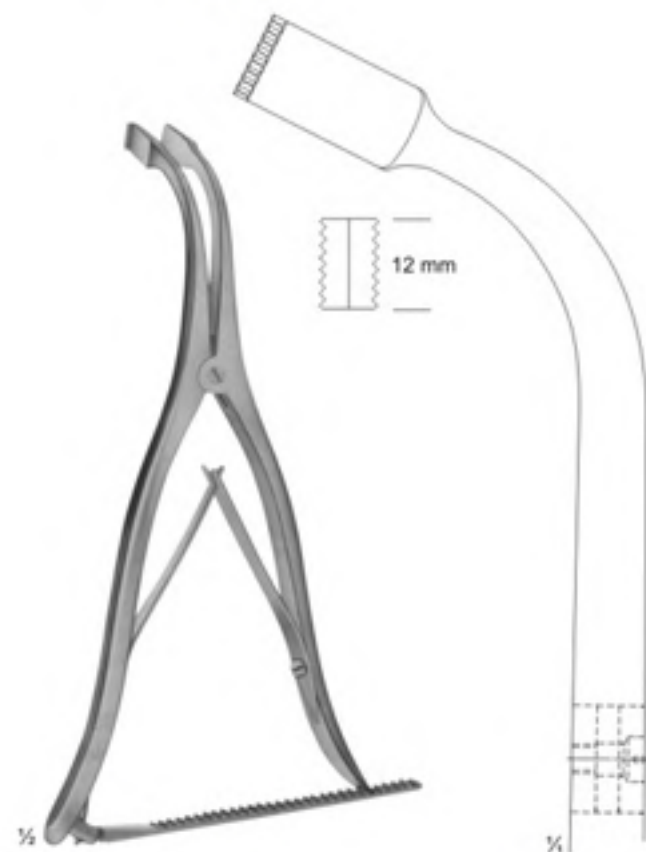
06-251
CLOWARD
155 mm



06-252
CLOWARD
135 mm



06-253
INGE
170 mm



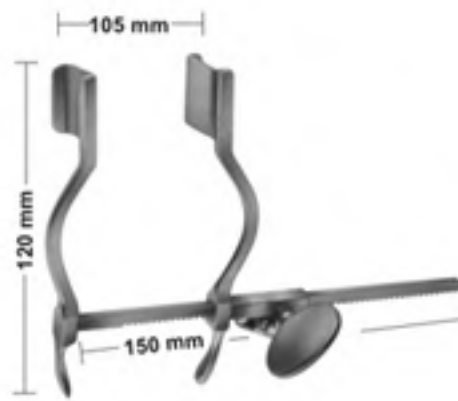
06-254
INGE
275 mm



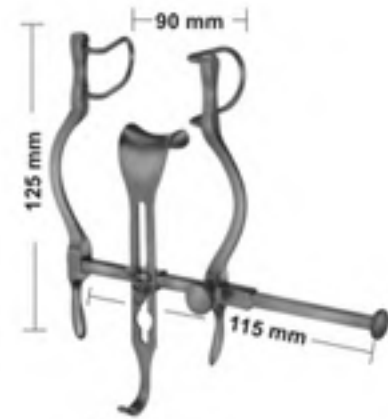
Abdominal Retractors



06-255
GOSSET
Blades: 38 mm deep



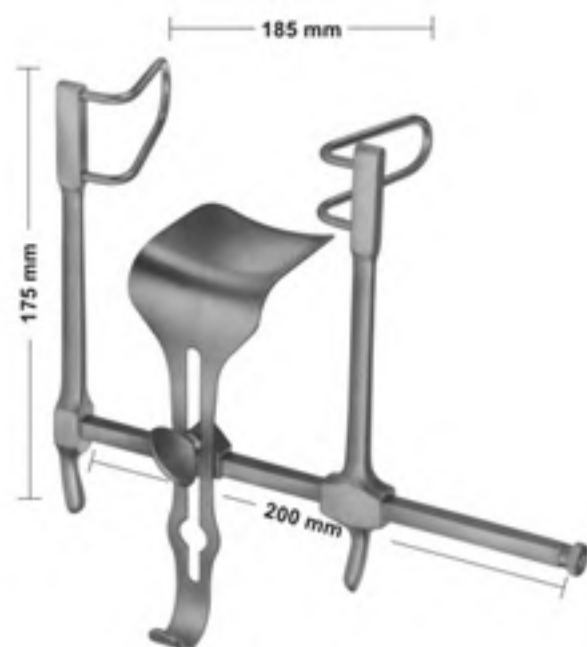
06-256
HERTZLER
Blades 20 X 25 mm



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



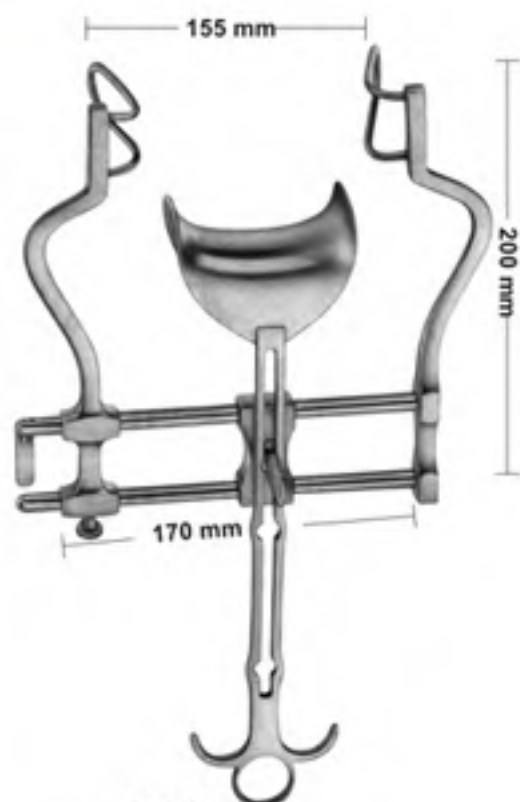
06-258
GOSSET
Blades: 55 mm deep



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



Abdominal Retractors



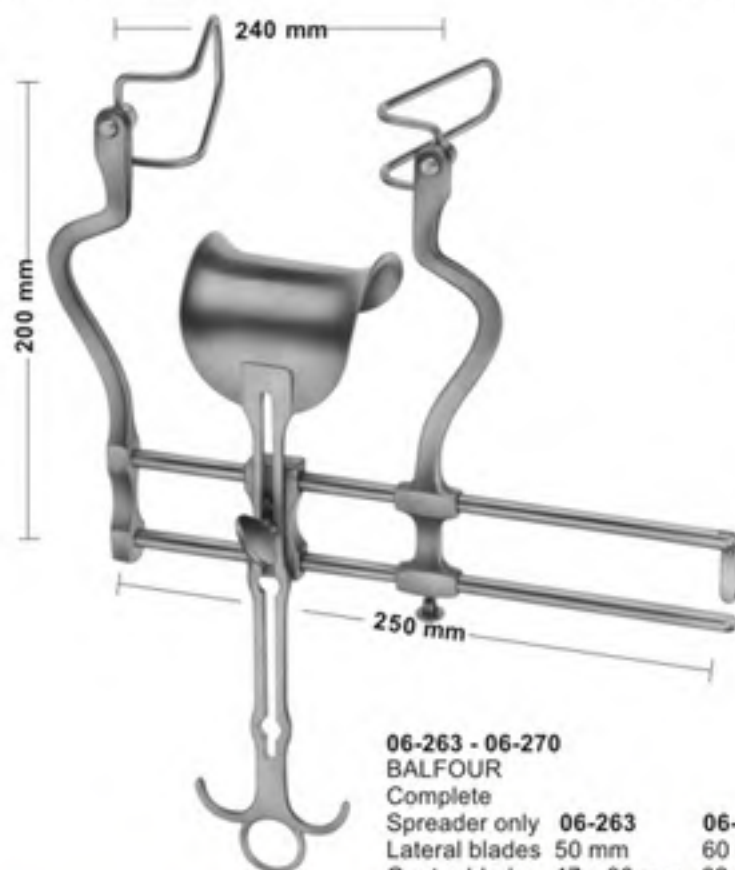
06-260
BALFOUR
Lateral blades 60 mm deep
Center blade 47 x 80 mm



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

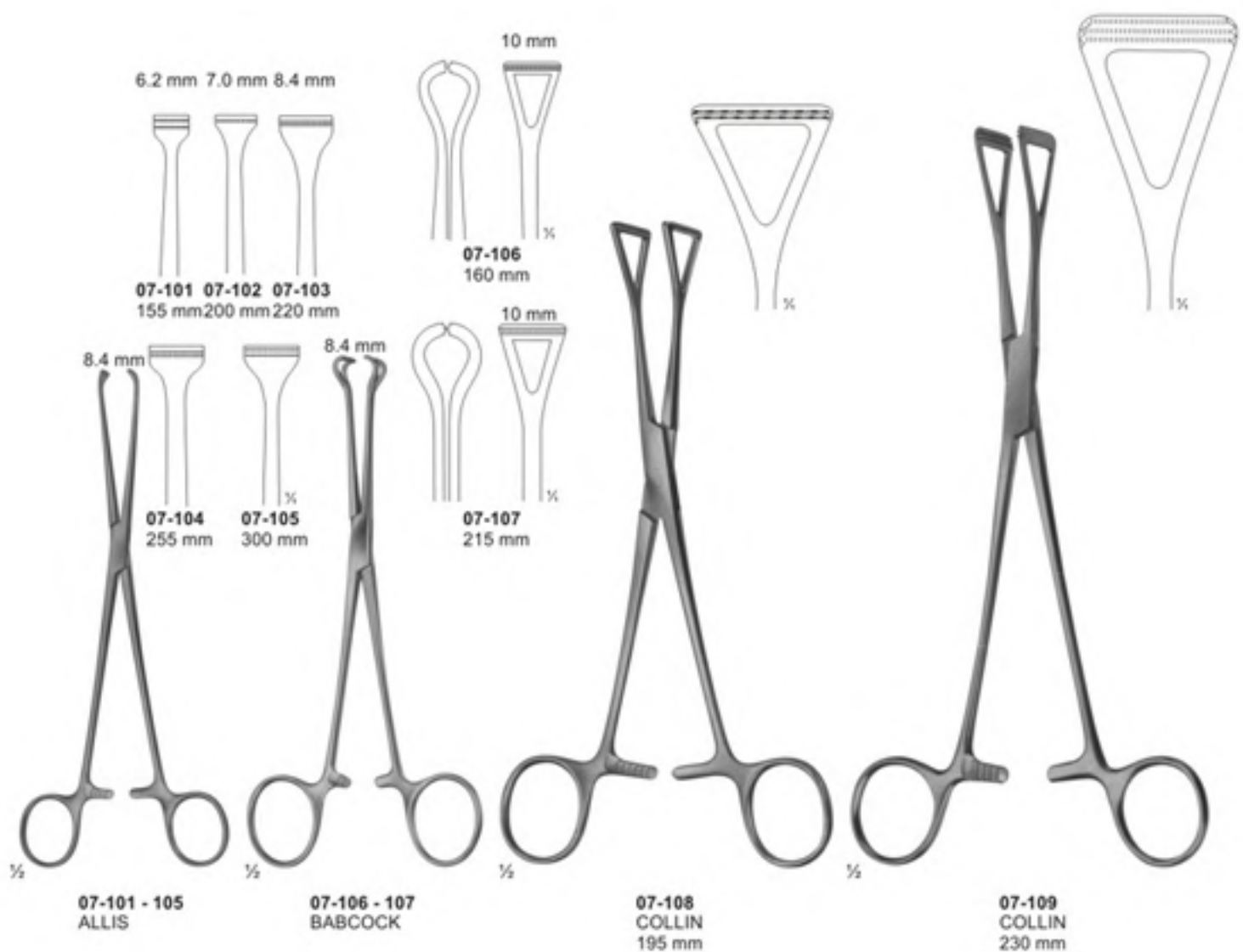


Lateral blades
06-267 50 mm deep
06-268 60 mm deep
06-269 75 mm deep
06-270 90 mm deep

Sales Unit of blades: PR = pair



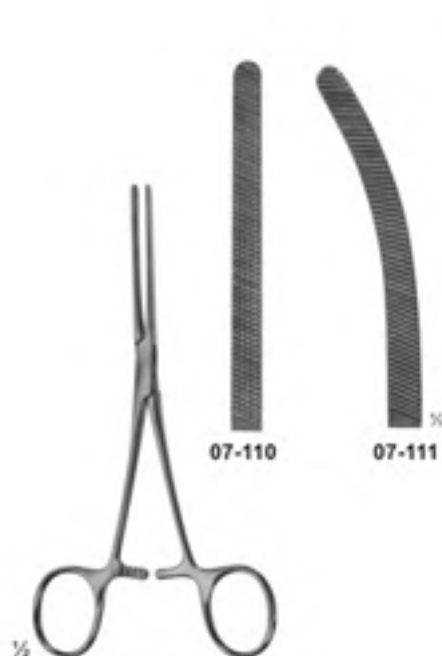
Organ-, Tissue and Intestinal Grasping Forceps





Intestinal Clamps, soft elastic

ATRAUMATA

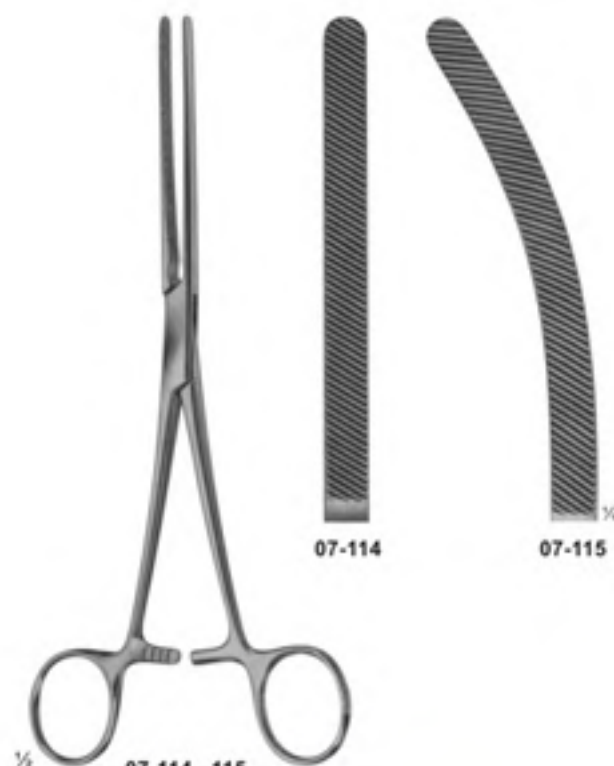


07-110 - 111
DOYEN
elastic
165 mm



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

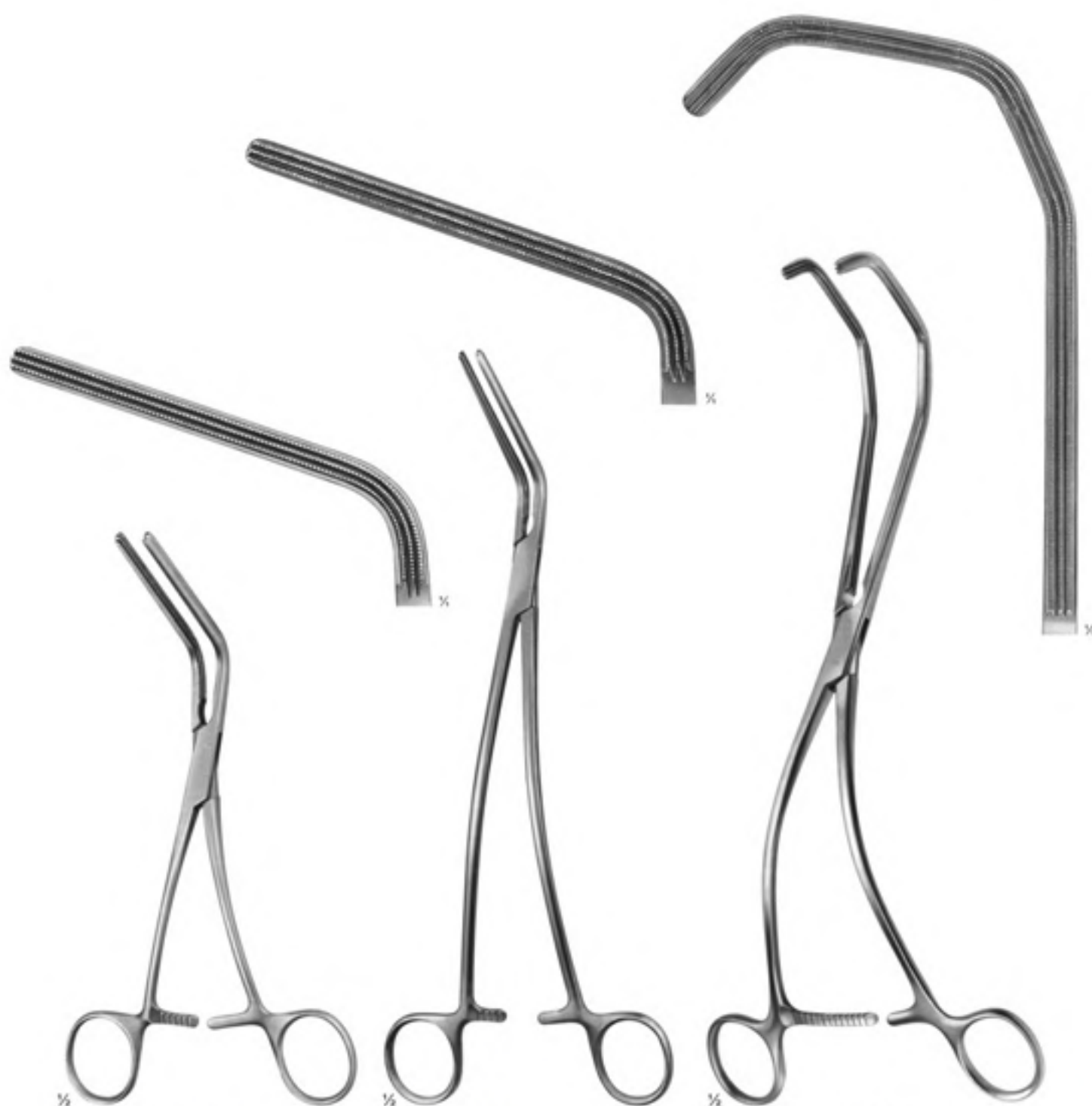
07-121
PAYR
Pylorus clamp
315 mm



DAD & SONS
Surgical Industry

ATRAUMATA

Sigmoid Anastomosis Forceps



07-122
MORRIS
175 mm

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

07-124
KERSTING
270 mm

Nasal Specula



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



08-102
SIMS
160 mm



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



08-104
Killian

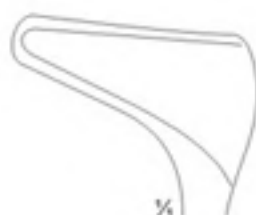


Fig. 1
14 cm 5 4/8"
35 mm



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

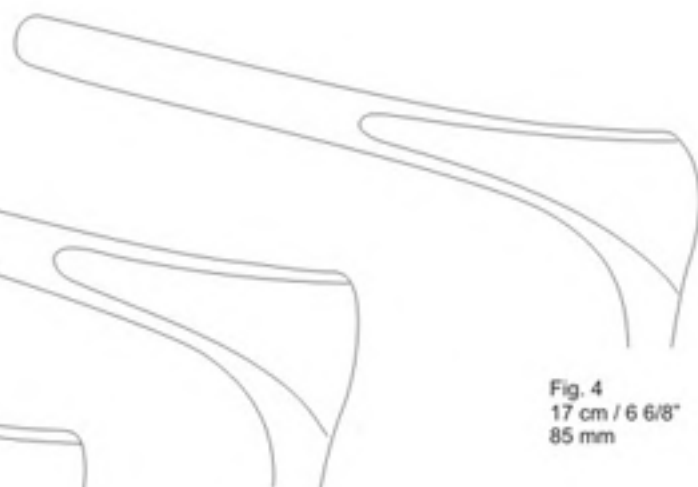


Fig. 3
16 cm / 6 2/8"
75 mm

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



Nasal Specula



08-105
Cottle



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

1/1



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"

1/2



Fig. 1
21,0 x 9,5 mm



Fig. 2
21,0 x 10,5 mm



Fig. 3
21,0 x 11,5 mm



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



1/1

30 mm



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



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



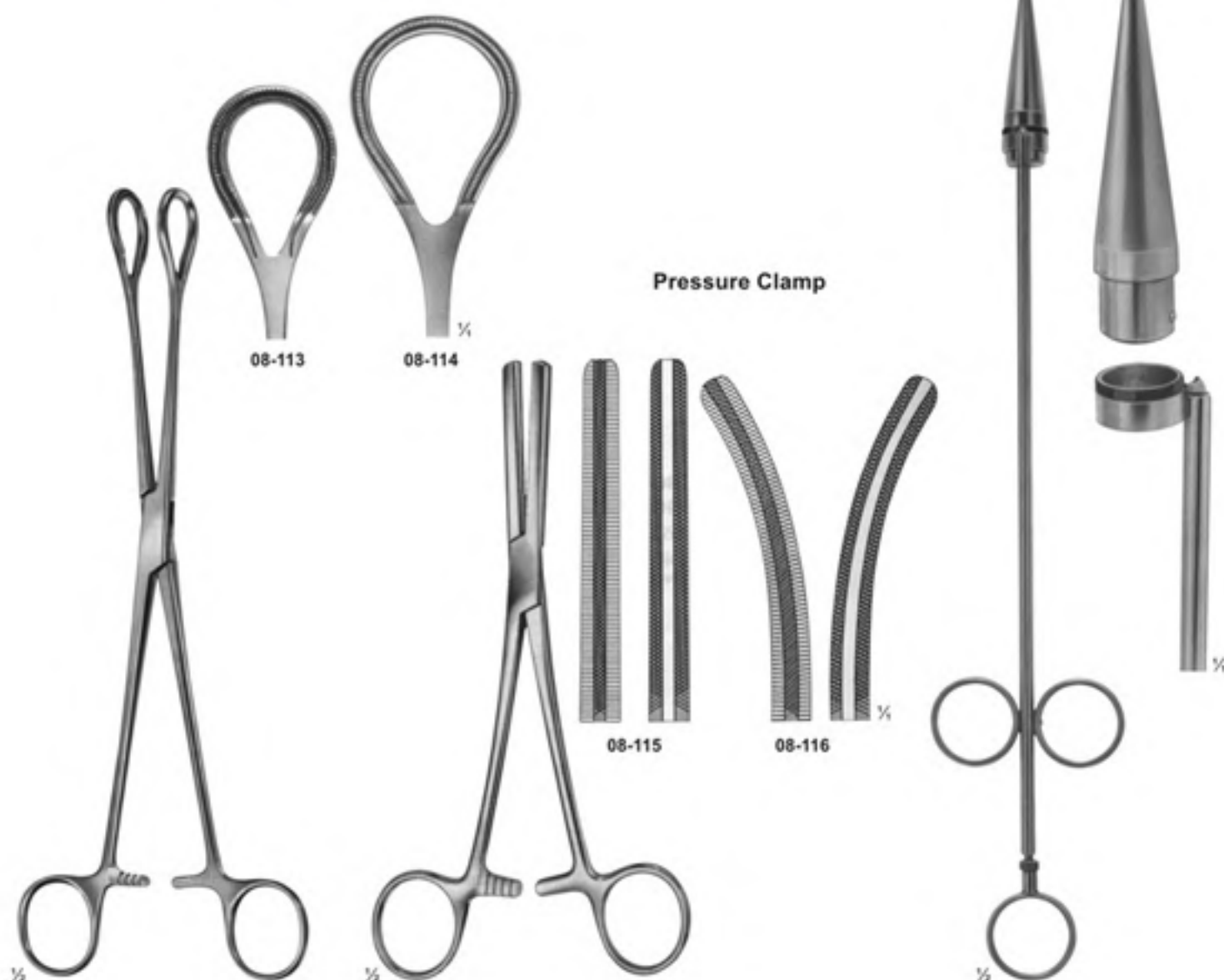
08-112
KELLY
Proctoscope
140 mm
Ø22mm



Haemorrhoidal Forceps

ATRAUMATA

Pressure Clamp



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

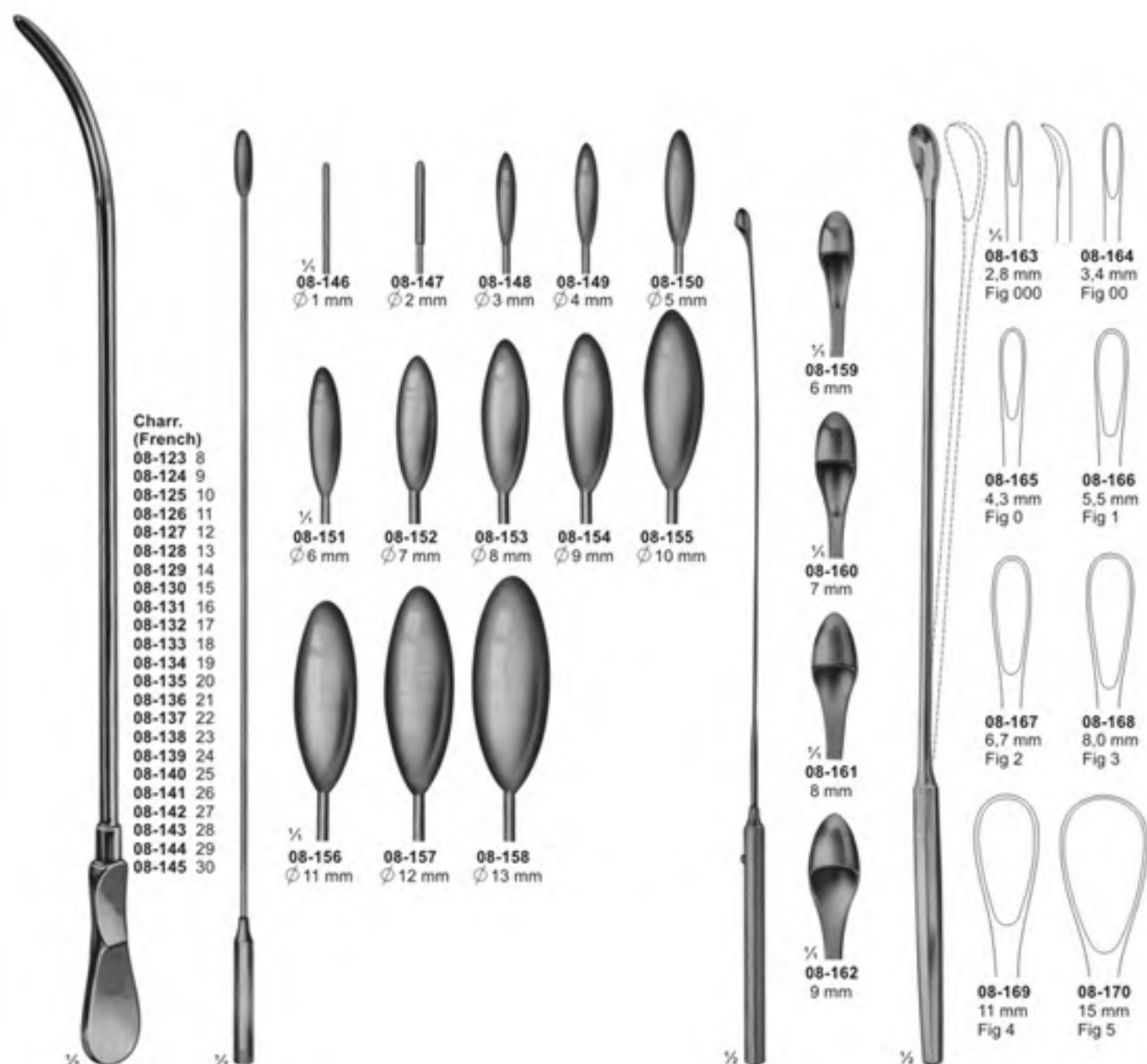


08-121
DESJARDINS
Gall duct-and cystic forceps
210 mm



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

Gall Duct Dilators and Gall Stone Scoops



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

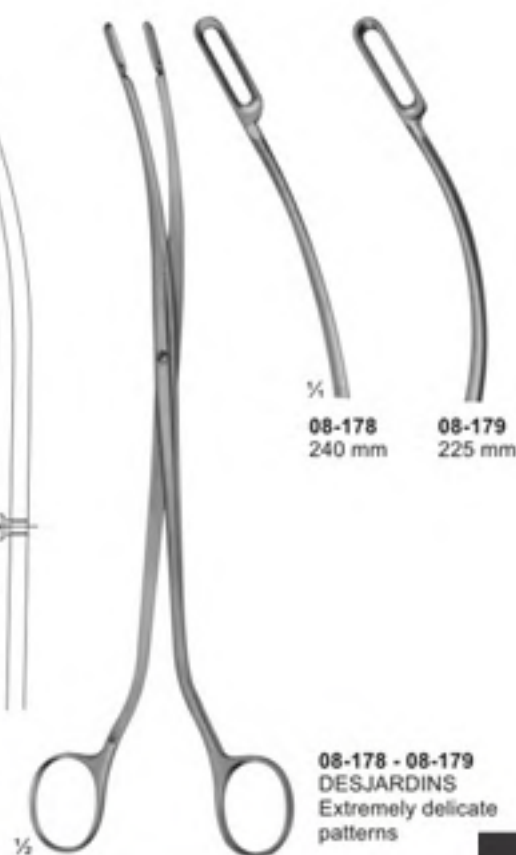
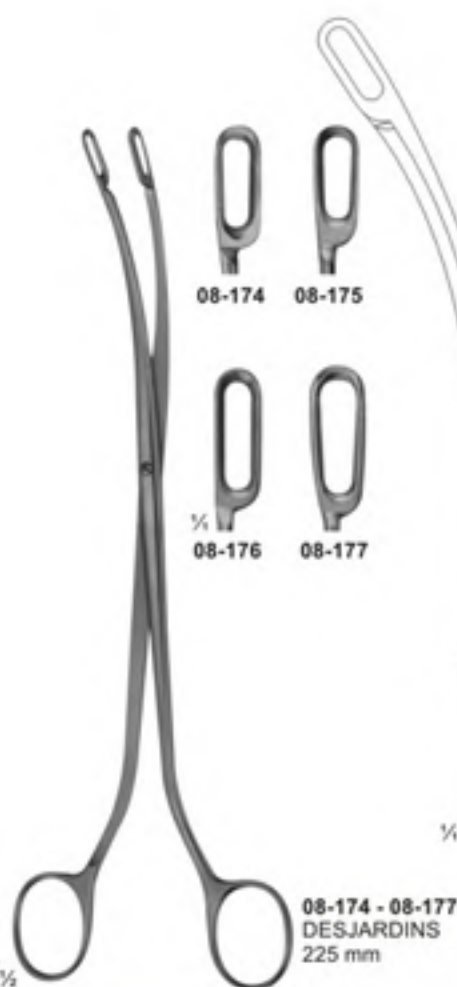
08-159 - 08-162
DESJARDINS
Probe and catch
with flexible shaft
300 mm

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



DAD & SONS
Surgical Industry

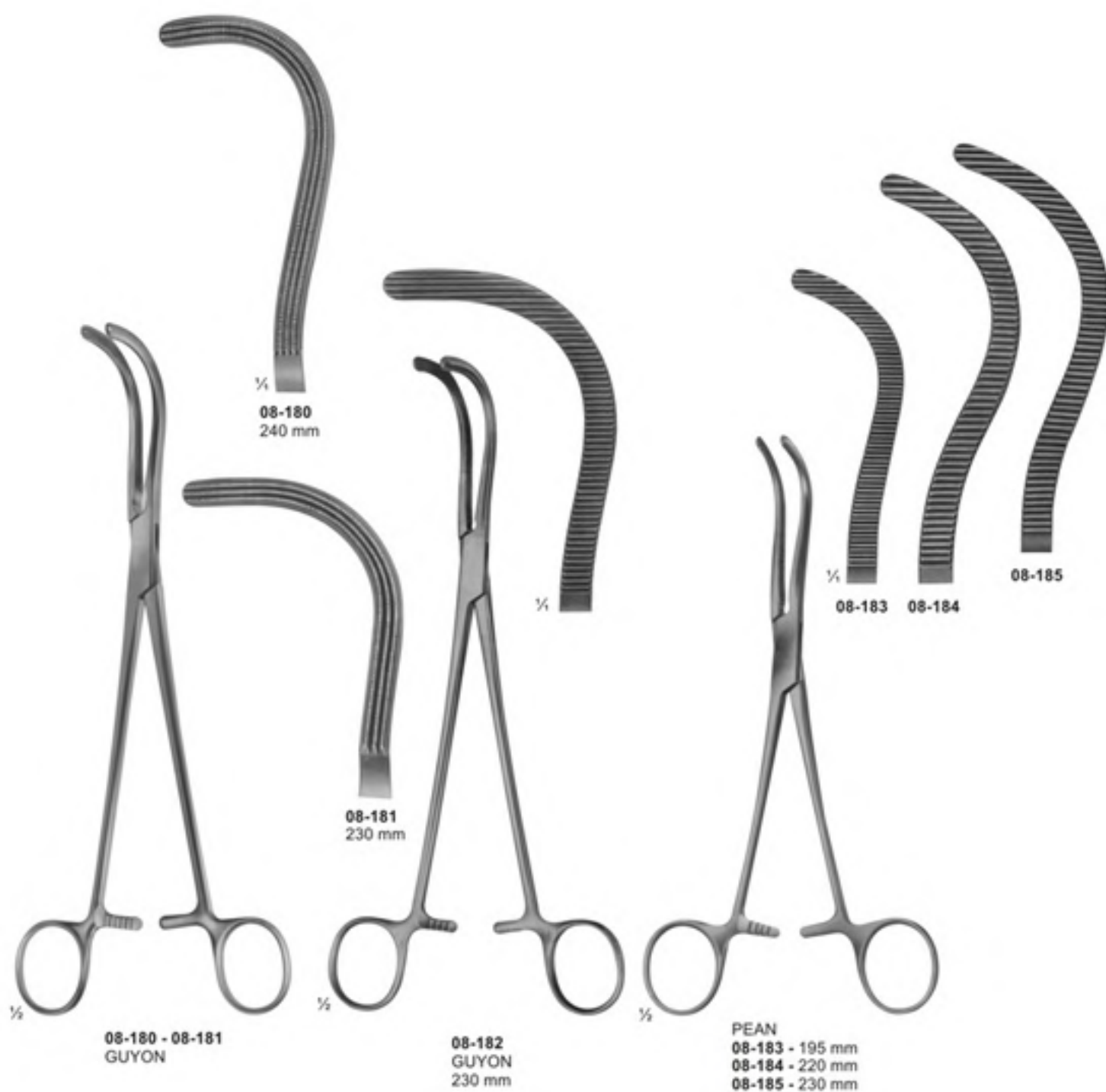
Gall Stone Forceps





Kidney Clamps

ATRAUMATA





DAD & SONS
Surgical Industry

Kidney Stone Forceps



08-186



08-187



08-188



$\frac{1}{4}$
08-189



$\frac{1}{2}$

08-186 - 08-189
RANDALL
225 mm



08-190



08-191



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



$\frac{1}{2}$

08-190 - 08-192
RANDALL
190 mm



Bladder Retractors



09-101
JUDD-MASSON
Bladder and suprapubic
retractor



09-102
MILLIN
Center bladder for
retro pubic prostatectomy



09-103
MILLIN
Bladder retractor, complete
105X45 mm



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



09-105
KOCHER
Bladder spatula
235 mm



Trocars

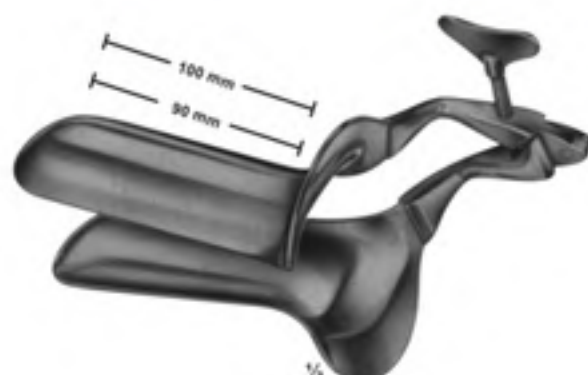




Vaginal Specula



10-101
COLLIN
for children
53 x 10 mm



10-102 - 105
COLLIN

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



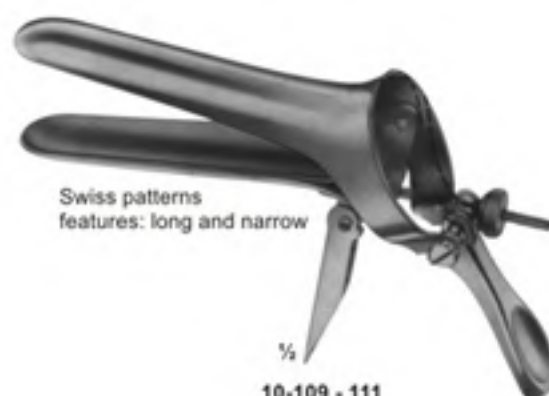
10-106
COLLIN
for virgins
95/85 x 18 mm



10-107
CUSCO
for virgins
75 x 17 mm



10-108
CUSCO
for virgins
75 x 17 mm



10-109 - 111
CUSCO

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



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



1/2

10-119

SIMS

70 X 26 mm / 75 X 30 mm

75 X 30 mm / 80 X 35 mm

80 X 36 mm / 90 X 40 mm

175 mm



1/2

10-120 - 122

SEIDL

10-120 80X8 mm

10-121 80X10 mm

10-122 90X14 mm

For children and infants

170 mm



1/2

10-123

KRISTELLER

70X15 mm, (170 mm)

For children



1/2

10-124 - 10-126

KRISTELLER

10-124 70X27 mm

10-125 75X30 mm

10-126 90X36 mm

175 mm





Vaginal Specula- upper and lower blades



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

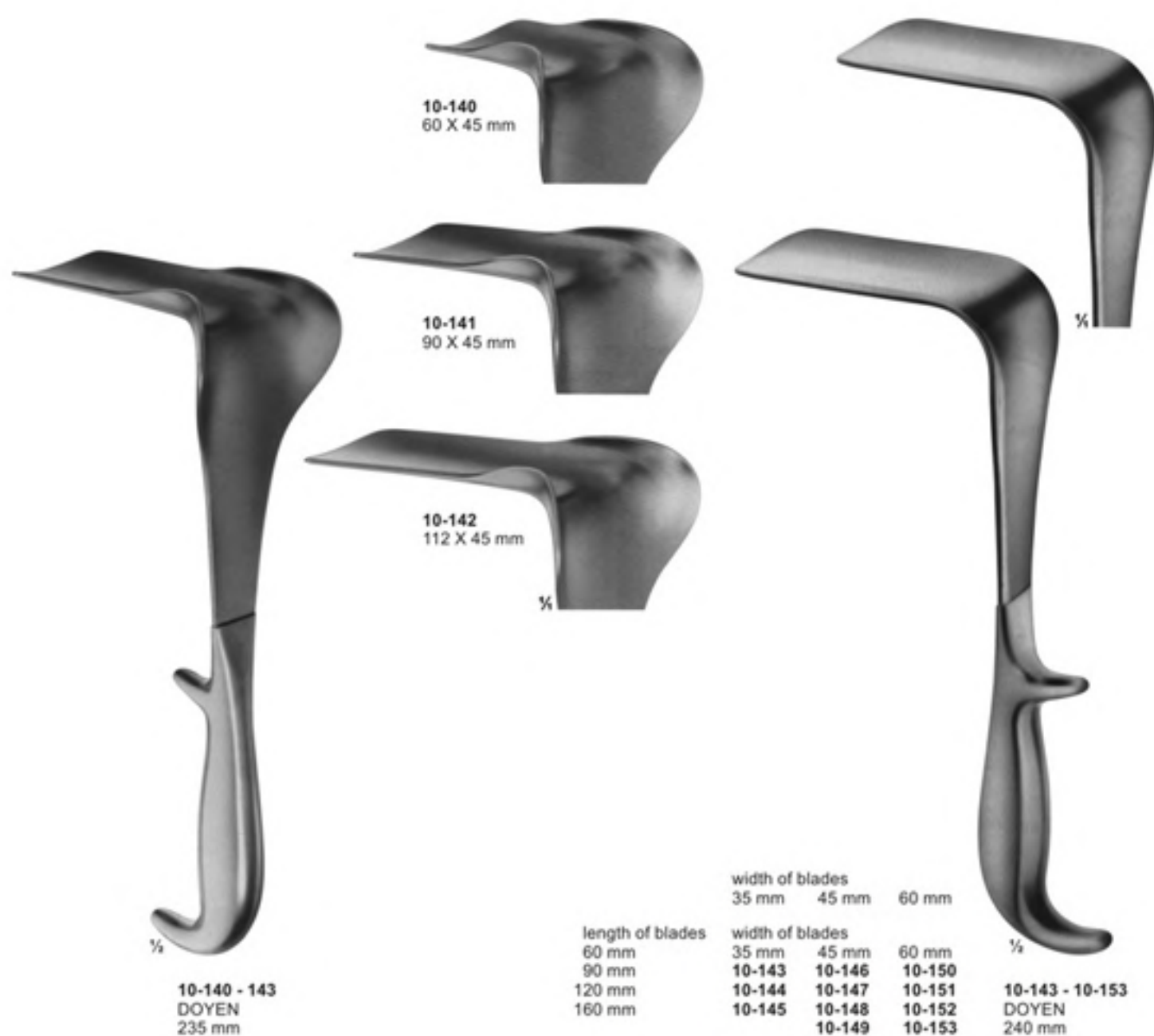
10-132 - 10-135
KRISTELLER
Upper blades

10-136 - 10-139
KRISTELLER
Lower blades



DAD & SONS
Surgical Industry

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 - 143
HEGAR
with very conical point
185 mm

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



1/2

11-144 - 152
HEGAR
205 mm

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



1/2

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



Uterine Probes



11-154
MAYO
malleable
330 mm



11-155
SIMS
malleable
330 mm



11-156
MARTIN
330 mm



11-157
SIMPSON
malleable
silver-plated
290 mm



11-158
BRAUN
Uterine
depressor
270 mm



11-159
Cotton
applicator
270 mm



Uterine Dressing Forceps



11-160
PELKMAN
260 mm



11-161
PELKMAN
260 mm



11-162
BOZEMANN
250 mm



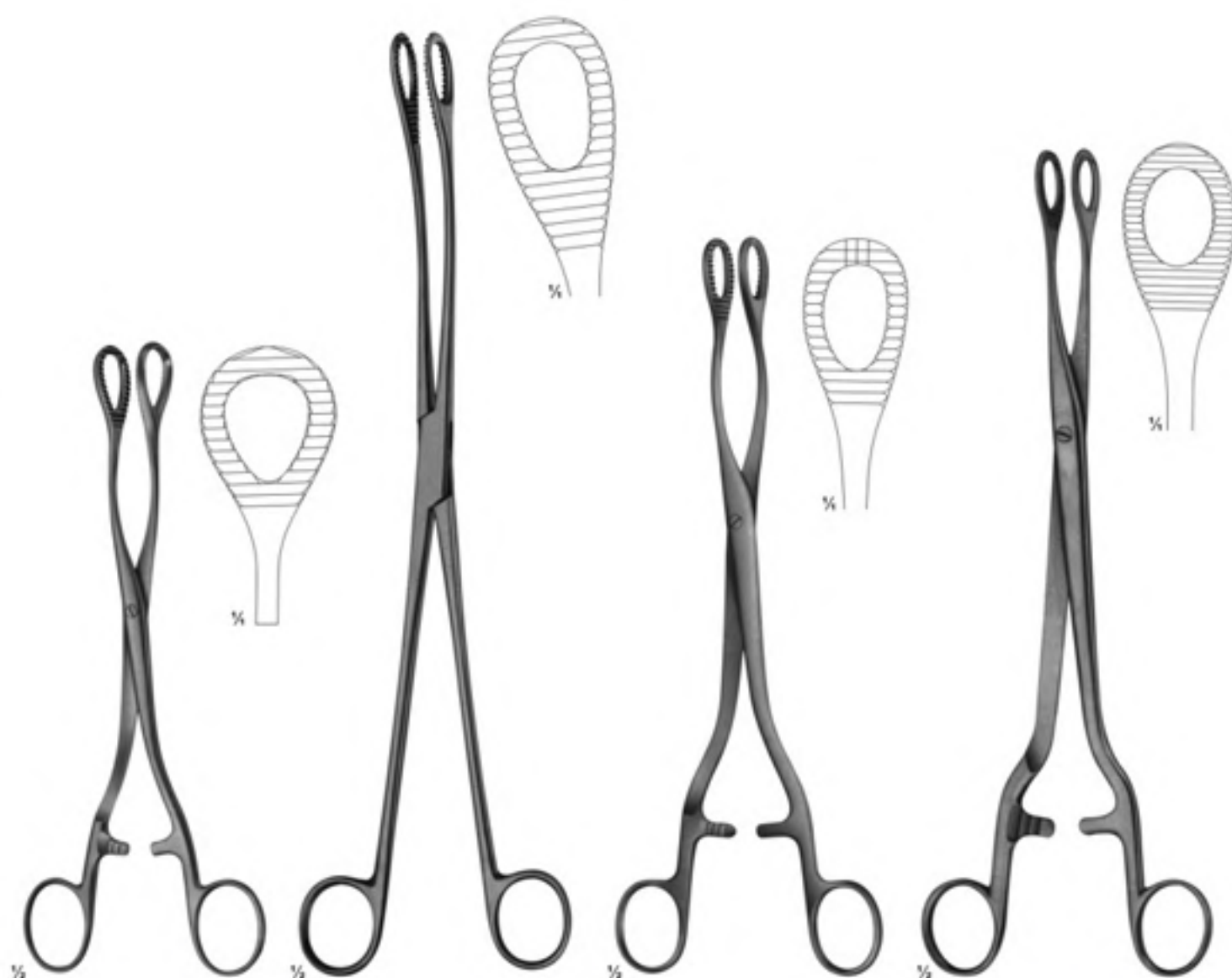
11-163
BOZEMANN
255 mm

Jaws with longitudinal groove



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Polypus-and Ovum Forceps



11-164
HEYWOOD-SMITH
200 mm

11-165
KELLY
320 mm

11-166
HEYWOOD-SMITH
250 mm

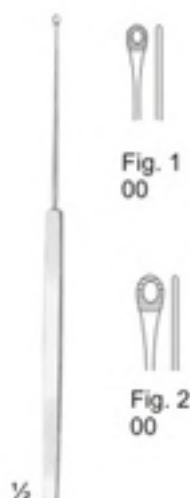
11-167
NOTO
280 mm



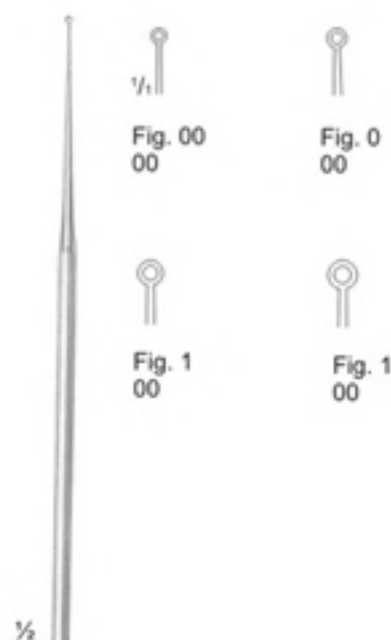
Ear Currettes



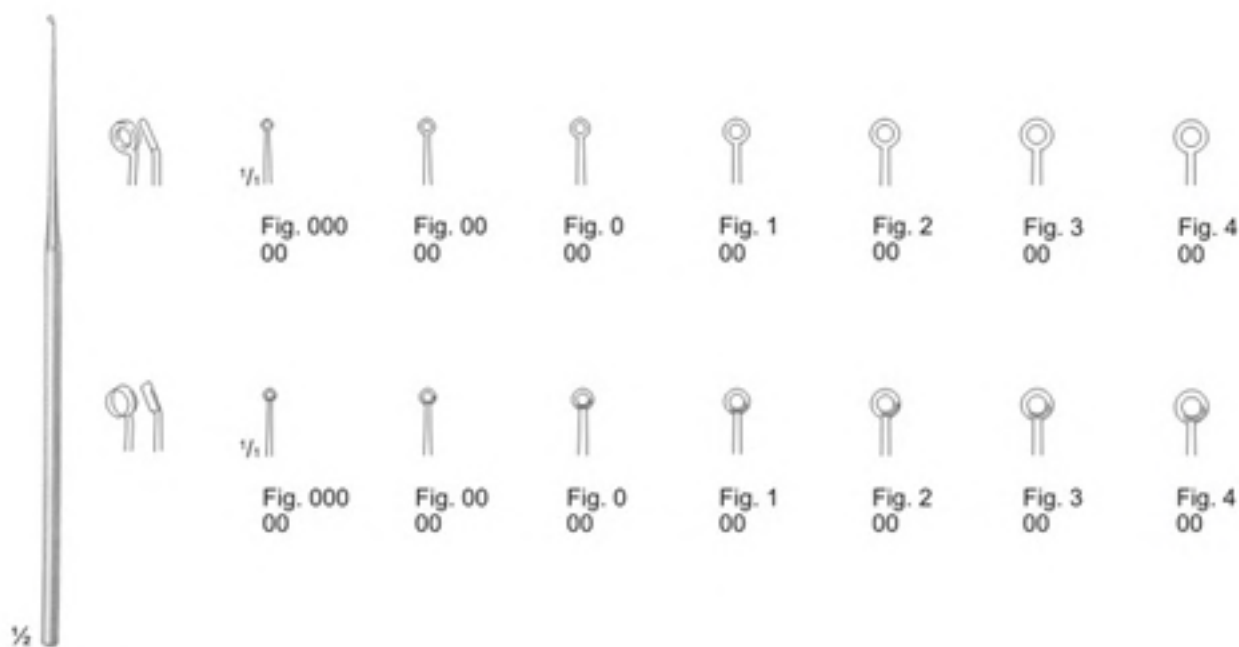
12-101
Langenbeck
13 cm / 5 1/8"



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



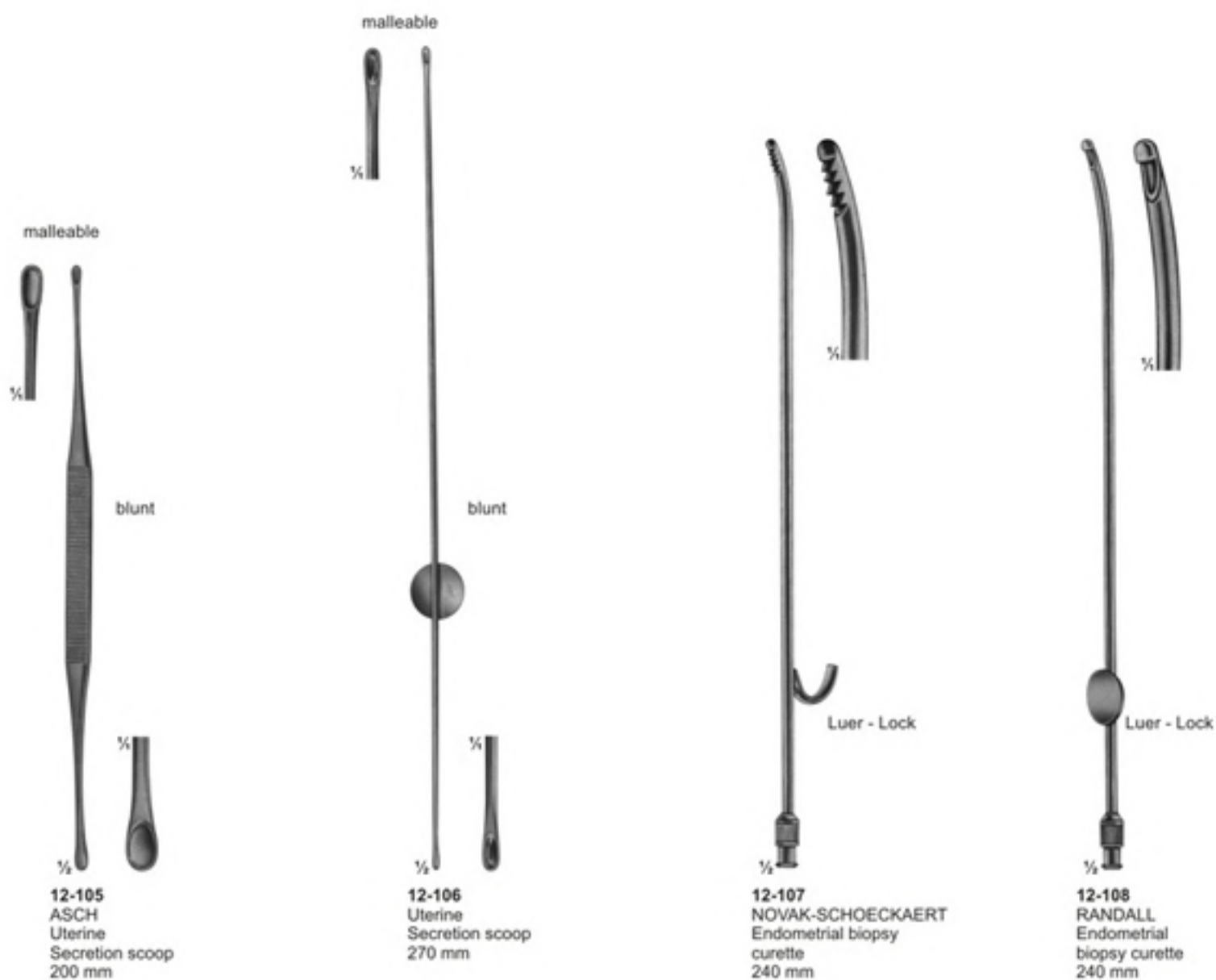
12-103
Buck
17cm / 6 6/8"



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



Biopsy Curettes





Ear Polypus Forceps



12-109
Hartmann-Wullstein
shaft length
85 mm



12-110
Hartmann-Wullstein
shaft length
85 mm



12-111
Hartmann
shaft length
85 mm



12-112
Hartmann
shaft length
85 mm



12-109 - 12-119

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



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



12-115
Hartmann
3 mm
shaft length
85mm



12-116
shaft length
85mm



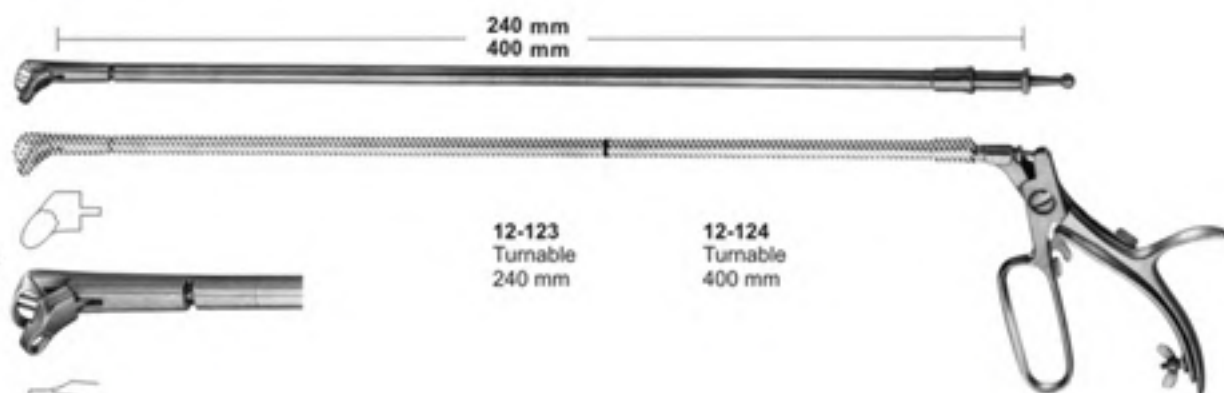
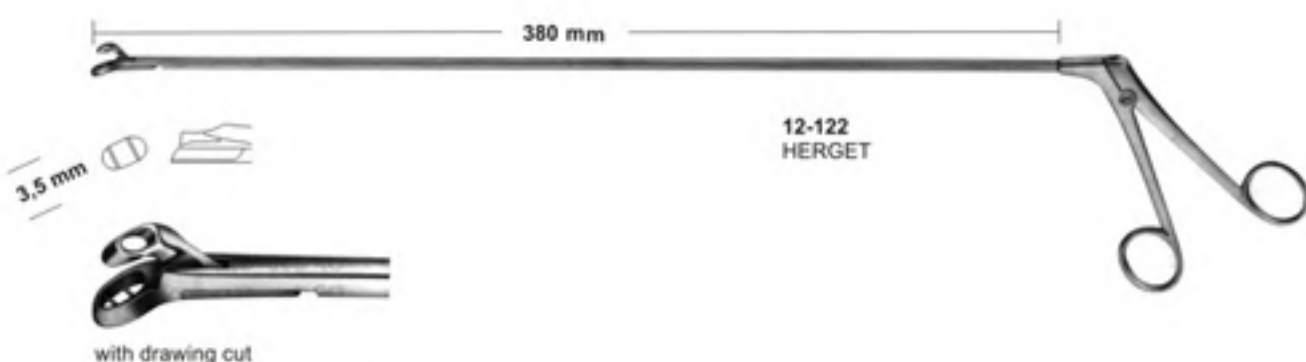
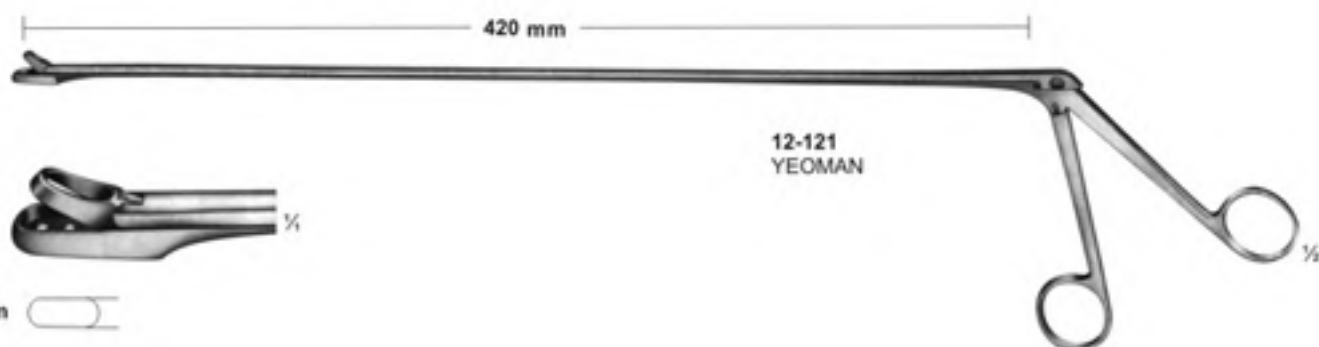
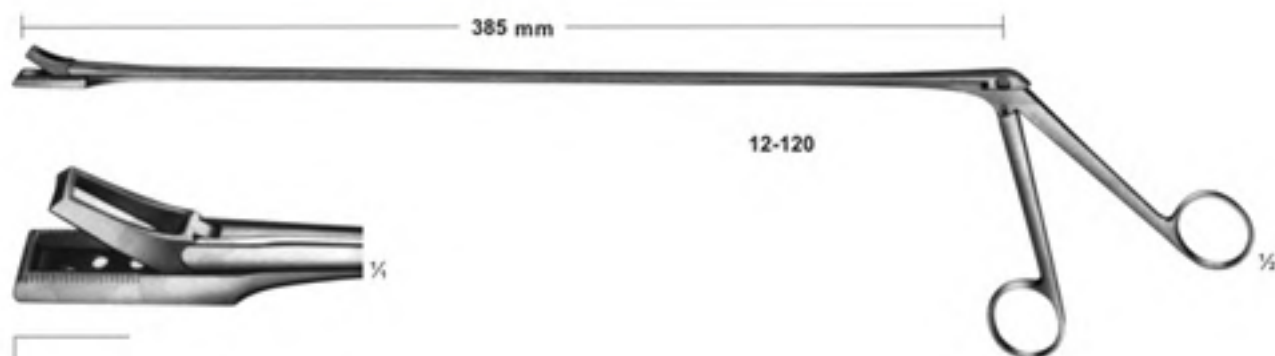
12-117
Hartmann-Hoffmar
2,0 mm
85mm

12-118
2,5 mm
85 mm

12-119
3,0 mm
85 mm

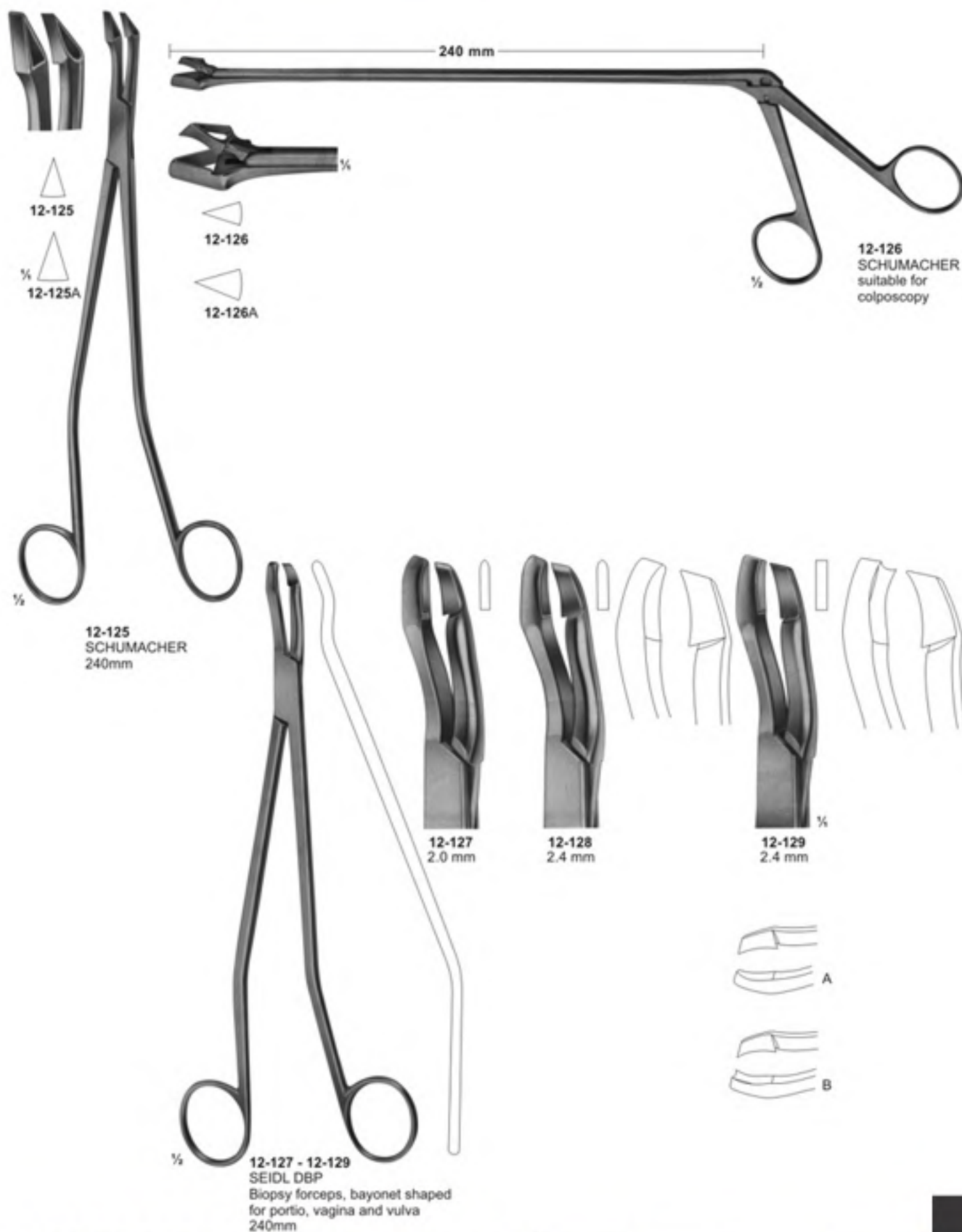


Biopsy forceps for rectum



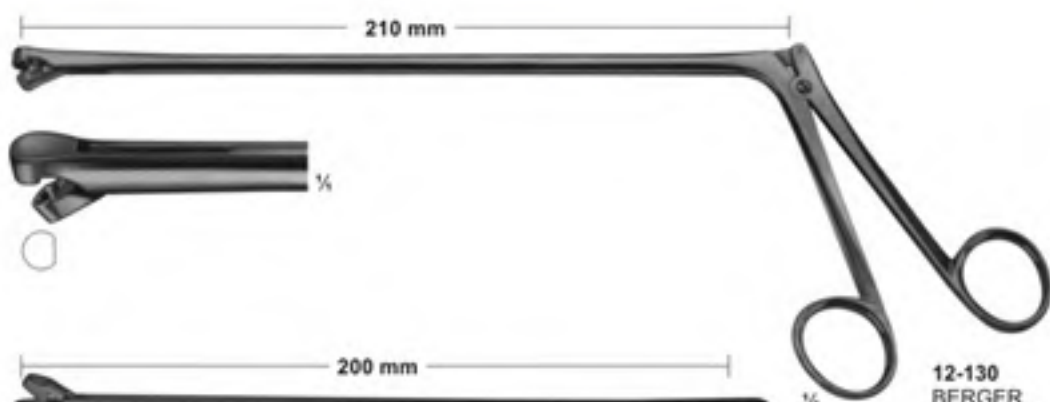


Biopsy Forceps





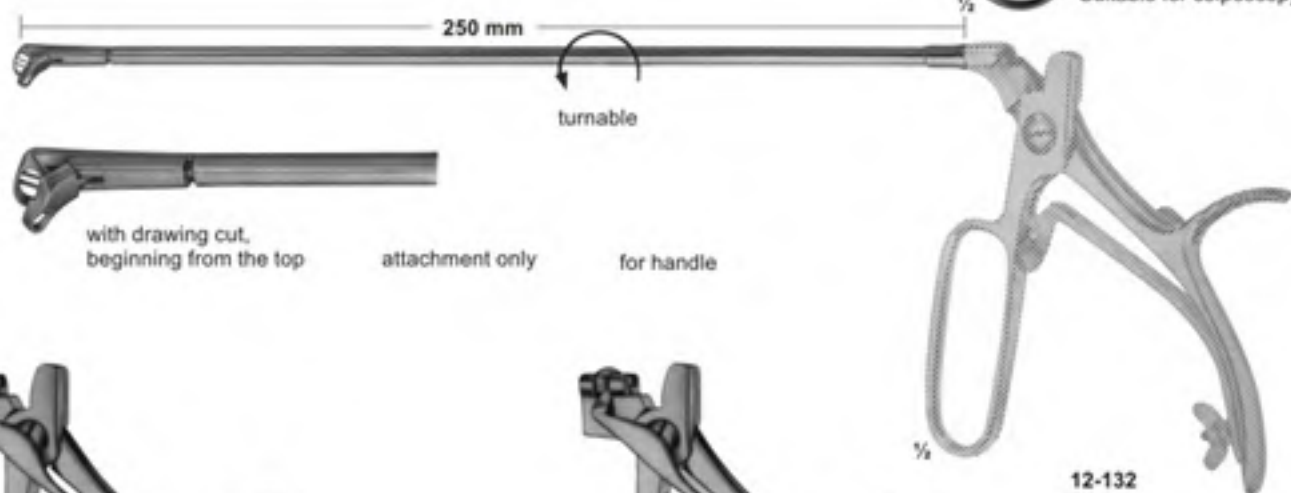
Biopsy Forceps



**12-130
BERGER**



**12-131
EPPENDORF**
Suitable for colposcopy



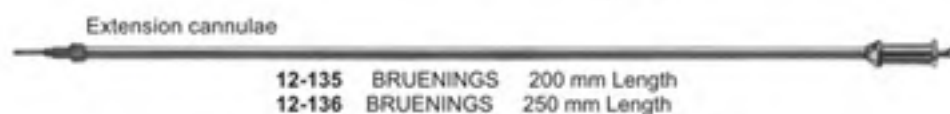
12-132



**12-133
AESCULAP**
140 mm



**12-134
HUBER**
140 mm



12-135 BRUENINGS 200 mm Length
12-136 BRUENINGS 250 mm Length



12-137 12-137A
12-137 KRAUSE (Biopsy tip)



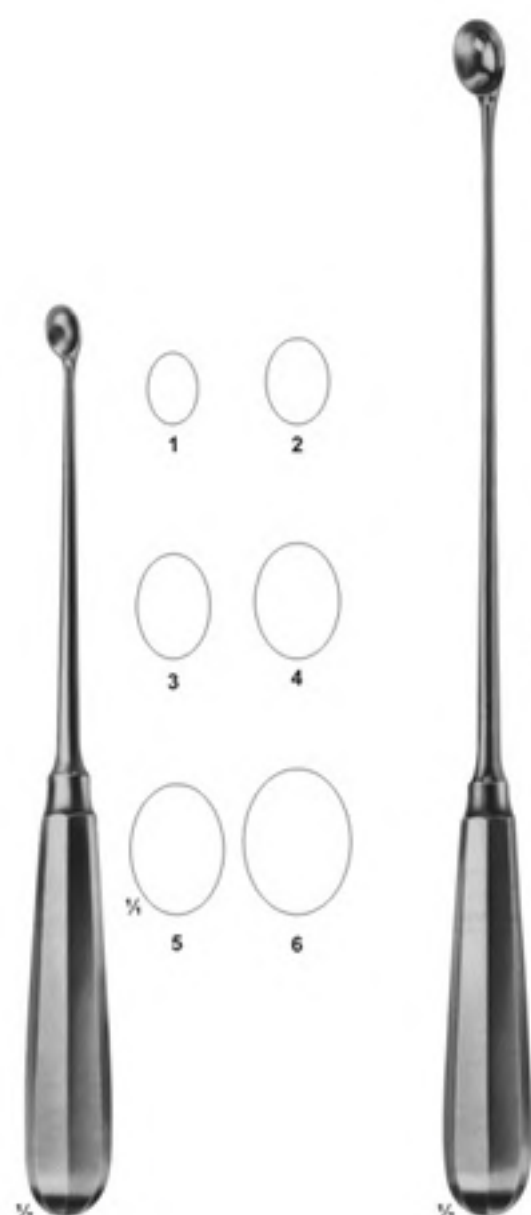
12-138 SCHEINMANN (Biopsy tip)



12-139 SCHUMACHER (Biopsy tip)
with drawing cut

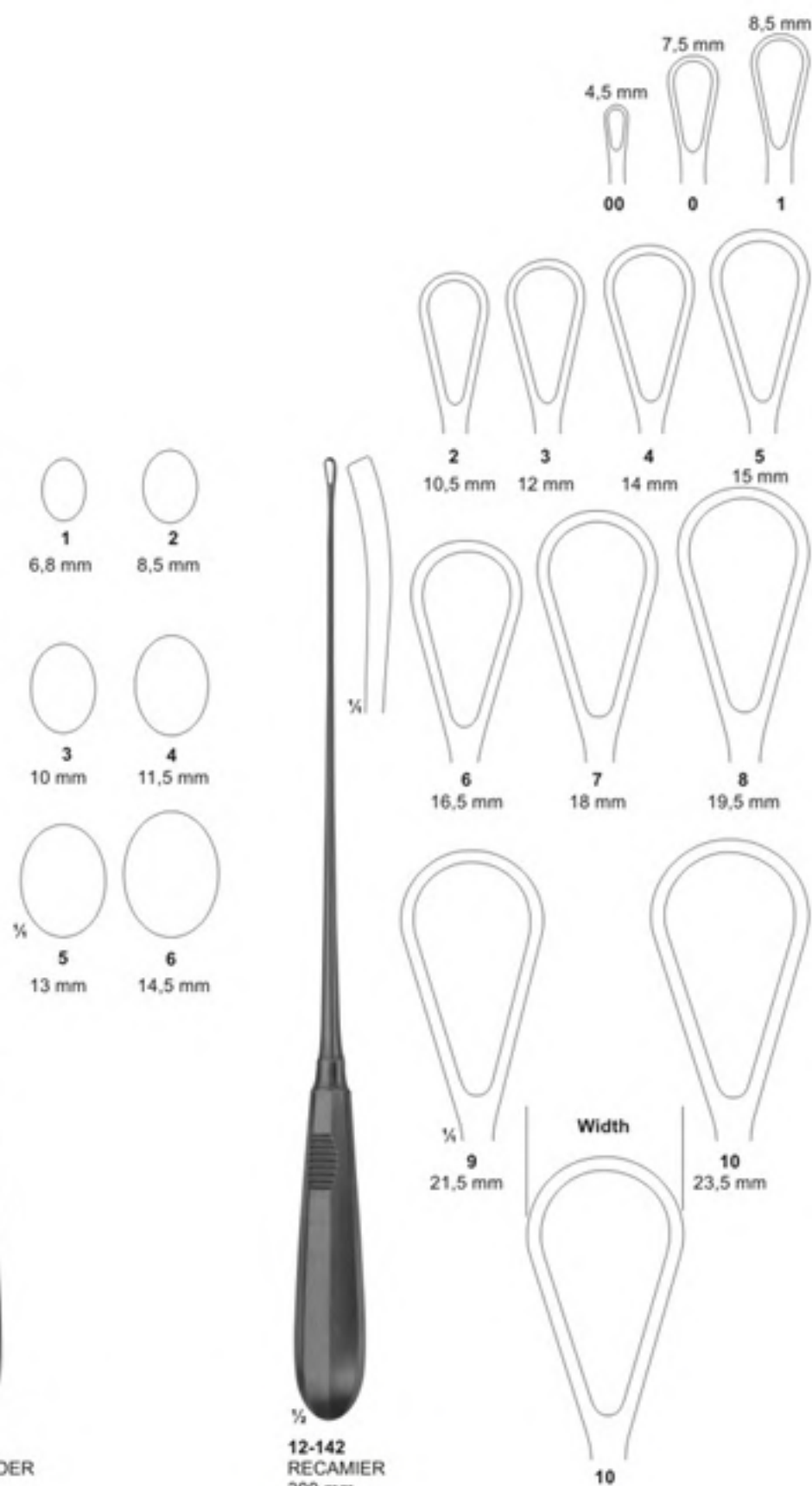


Uterine Scoops



12-140
SIMON
240 mm

12-141
SCHROEDER
310 mm



12-142
RECAMIER
300 mm



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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





Toung-and Tracheal Hooks and Dilators



**13-111
BOSE**
165 mm



**13-112
BOSE**
165 mm



**13-113
sharp**



**13-114
blunt**



**13-115
stump/blunt**



**13-116
FINSEN**
50 mm



**13-117
FINSEN**
70 mm



**13-118
TROUSSEAU**
120 mm



**13-119
LABORDE**
125 mm



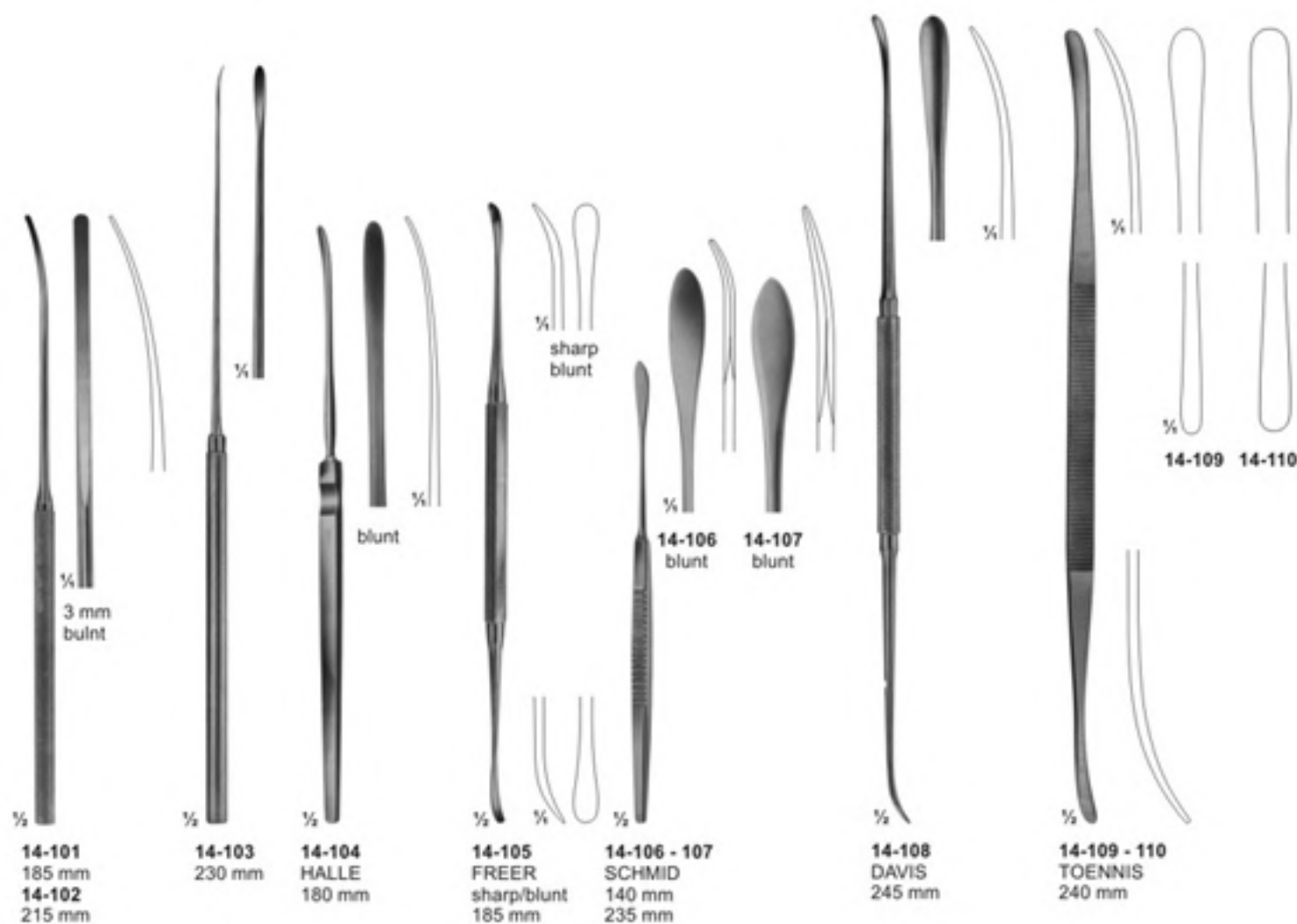
**13-120
LABORDE
strong pattern**
135 mm



**13-121
Cleaning Brush
for tracheal tubes**
285 mm



Vascular Spatulas





ATRAUMATA Forceps



14-111 - 112
DE BAKEY
150 mm
200 mm

1/2

14-111
1,5 mm

1/2

14-112
1,5 mm



14-113 - 116
DE BAKEY

1/2

14-113
2 mm
150 mm

1/2

14-114
2 mm
200 mm

1/2

14-115
2 mm
240 mm

1/2

14-116
2 mm
300 mm



14-117 - 120
DE BAKEY

1/2

14-117
2,8 mm
150 mm

1/2

14-118
2,8 mm
200 mm

1/2

14-119
2,8 mm
240 mm

1/2

14-120
2,8 mm
300 mm



14-121 - 123
DE BAKEY

1/2

14-121
3,3 mm
200 mm

1/2

14-122
3,5 mm
300 mm

1/2

14-123
3,5 mm
240 mm



14-124
DE BAKEY
150 mm

1/2

14-124
2 mm



40°



14-125
DE BAKEY
200 mm

1/2

1/2

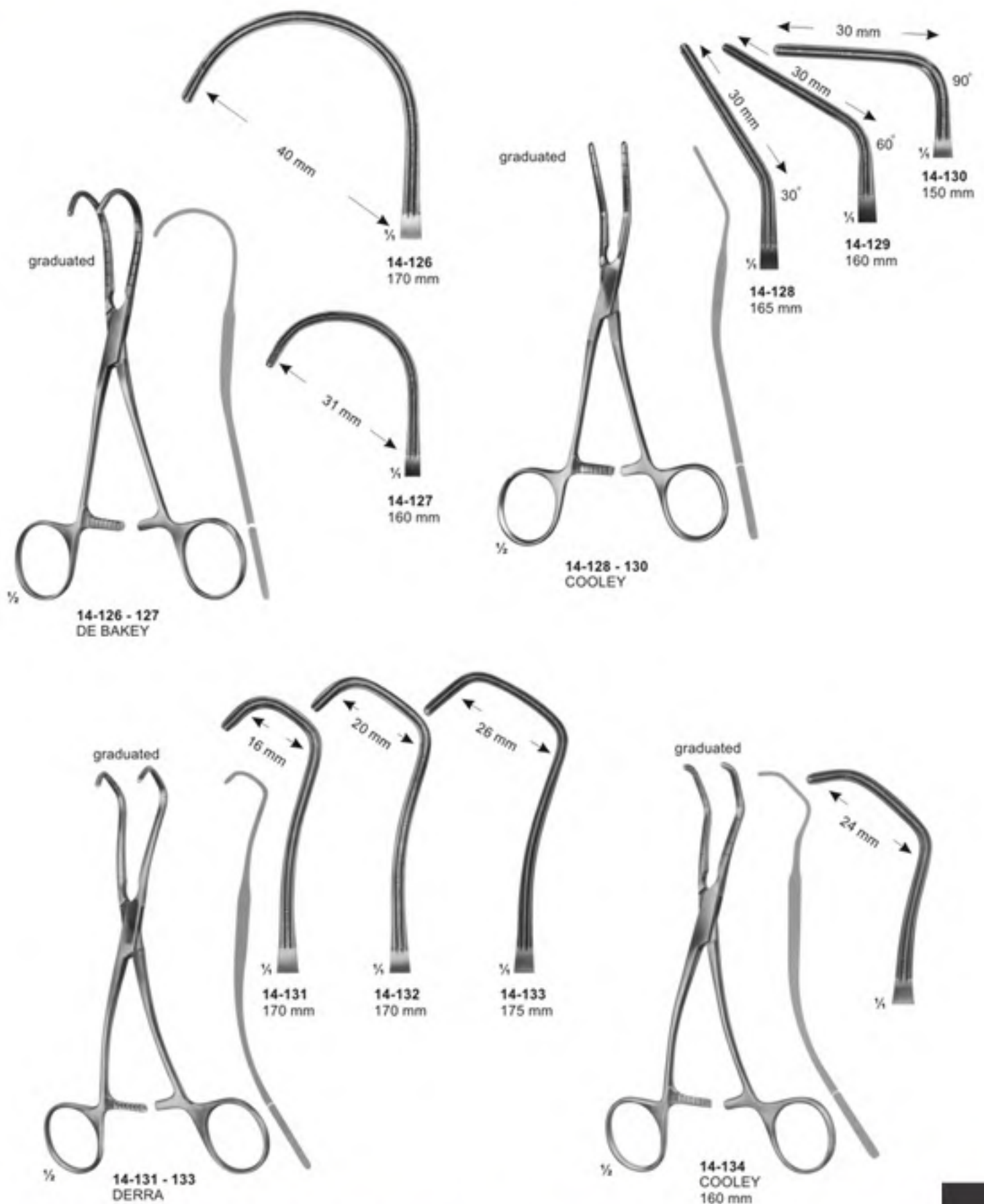
14-125
2 mm

40°



ATRAUMATA

Anastomosis- and Multi- Purpose- Clamps- Pediatric types





DAD & SONS
Surgical Industry

ATRAUMATA

Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamps



14-135
41 mm
205 mm



14-136
65 mm
225 mm



14-137
80 mm
240 mm



14-138
41 mm
200 mm



14-139
65 mm
225 mm



14-140
80 mm
240 mm



14-141
DE BAKEY
210 mm

1/4
51 mm



14-142
DE BAKEY
210 mm

15°
1/4
51 mm



14-143
DE BAKEY
160 mm

1/4
56 mm



Aorta- Anastomosis Clamps



L
14-144
WEBER
260 mm



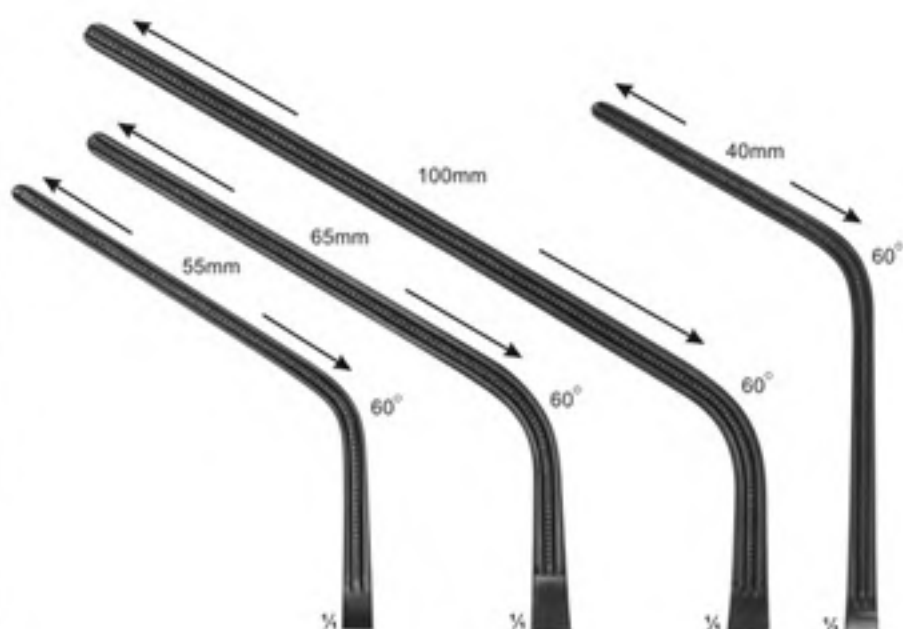
R
14-145
WEBER
260 mm



Multi- Purpose-Clamps



1/4
14-146 - 149
DE BAKAY



14-146

14-147

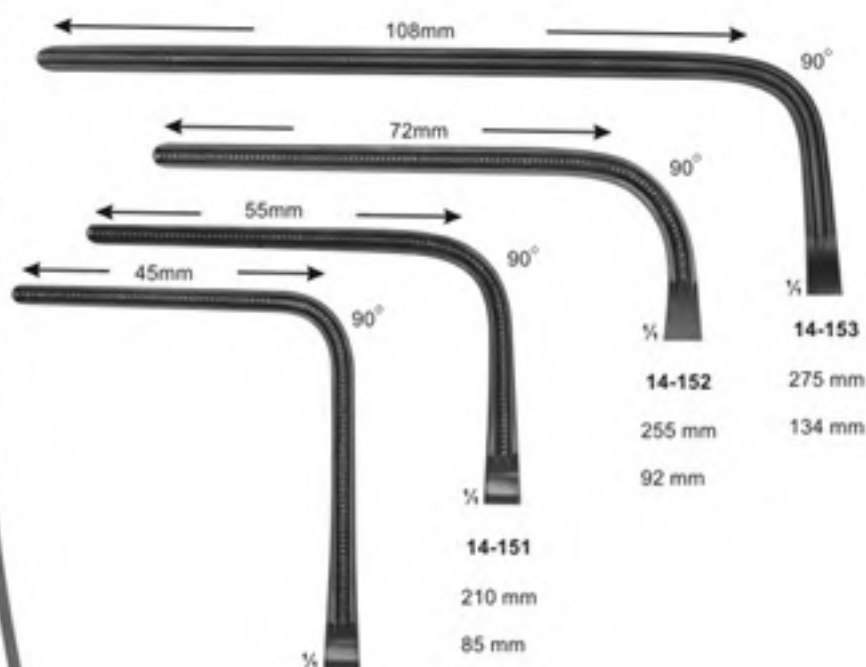
14-148

14-149

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



1/4
14-150 - 153
DE BAKAY



14-151

14-152

14-153

Total Length:	225 mm
Length of jaws:	93 mm



Sternum Instruments and Rib Shears



14-154
SCHUMACHER
Sternum shears
210 mm



14-155
LEBSCHKE
Sternum chisel
200 mm



14-156
230 mm



14-157
COLLIN
195 mm



14-158
GLUCK
190 mm



14-159
BETHUNE
340 mm



14-160
BRUNNER
Universal pattern
340 mm



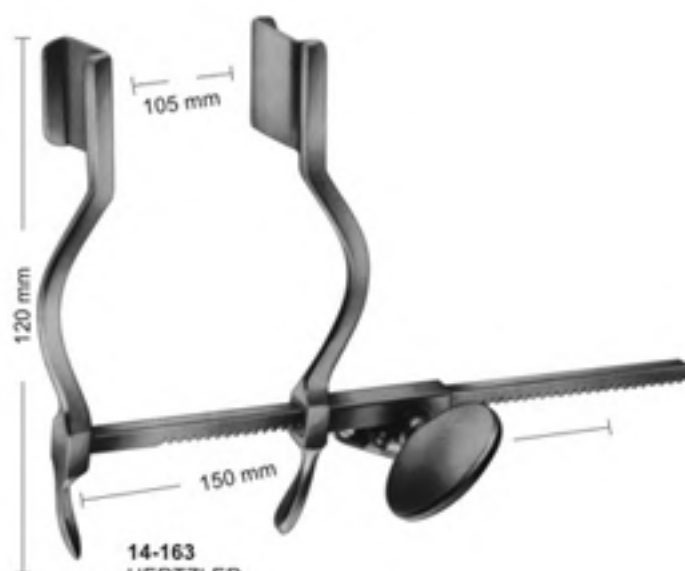
14-161
GIERTZ-STILLE
250 mm



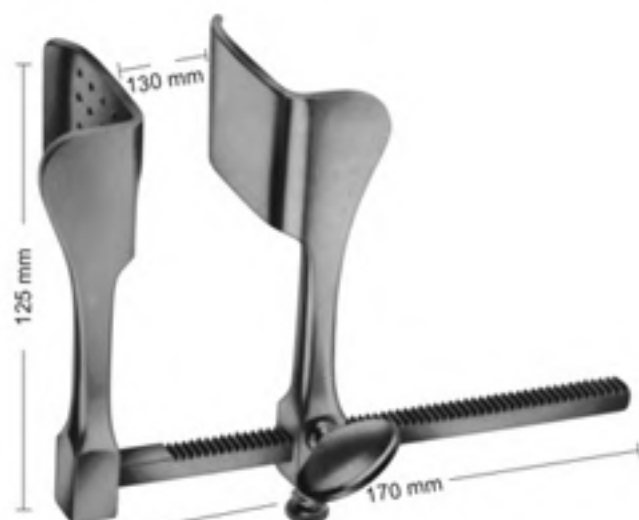
Rib Spreaders



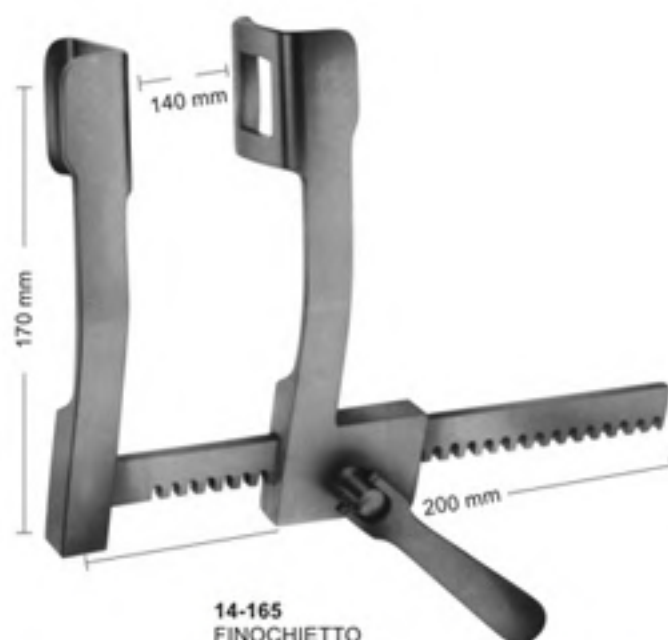
14-162
FINOCHIETTO
Blades
18X21 mm



14-163
HERTZLER
Blades
20X25 mm



14-164
TUFFIER
Blades
43X53 mm



14-165
FINOCHIETTO
Blades
36X45 mm



Rib Spreaders-and Contractors



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



**14-167
BAILEY**
150 mm



14-168
for children

14-169
for adults

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

Punches

130° upwards cutting

15-101
1 mm



KERRISON - JACOBY

FERRIS-SMITH-KERRISON

15-102
2 mm



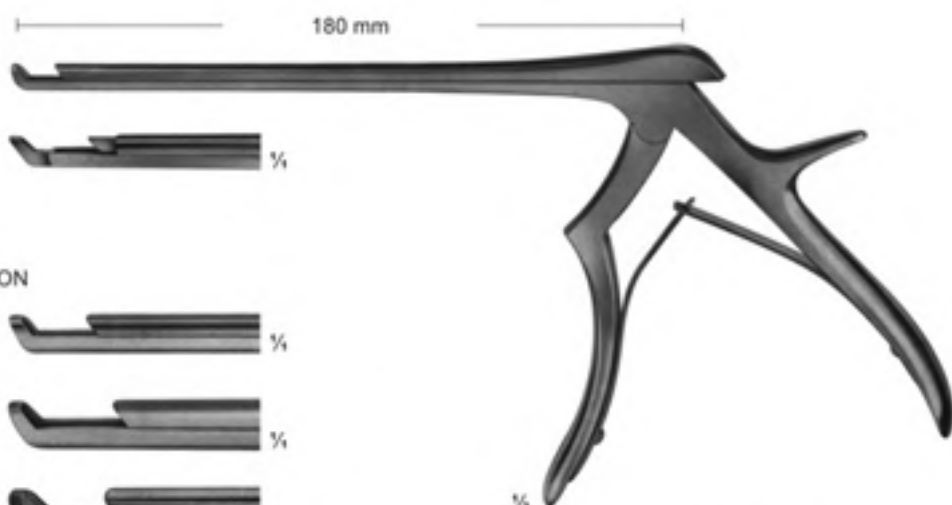
15-103
3 mm



15-104
4 mm



15-105
5 mm



15-101 - 105

90° upwards cutting

KERRISON - JACOBY

15-106
1 mm



15-107
2 mm



FERRIS-SMITH-KERRISON

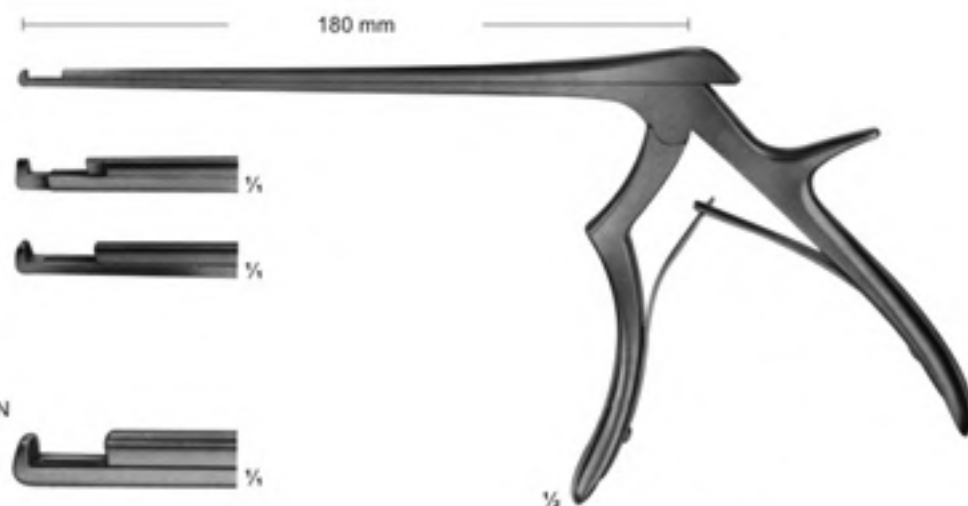
15-108
3 mm



15-109
4 mm



15-110
5 mm

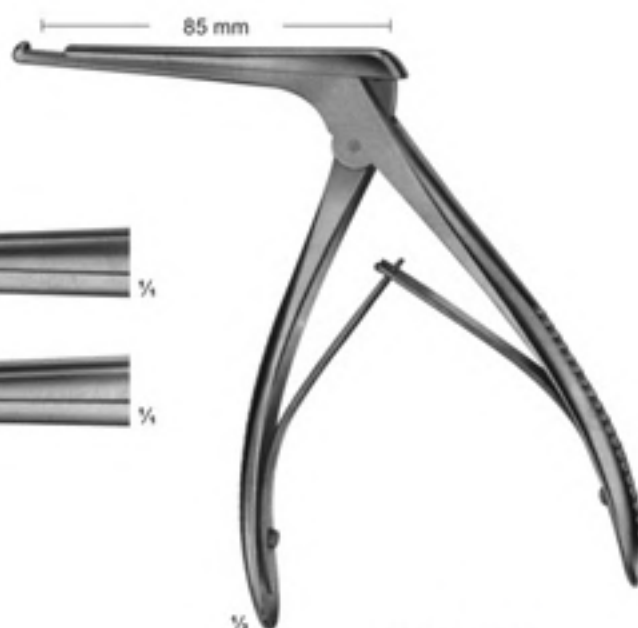


15-106 - 110



Punches

90° upwards cutting



15-111
4 mm

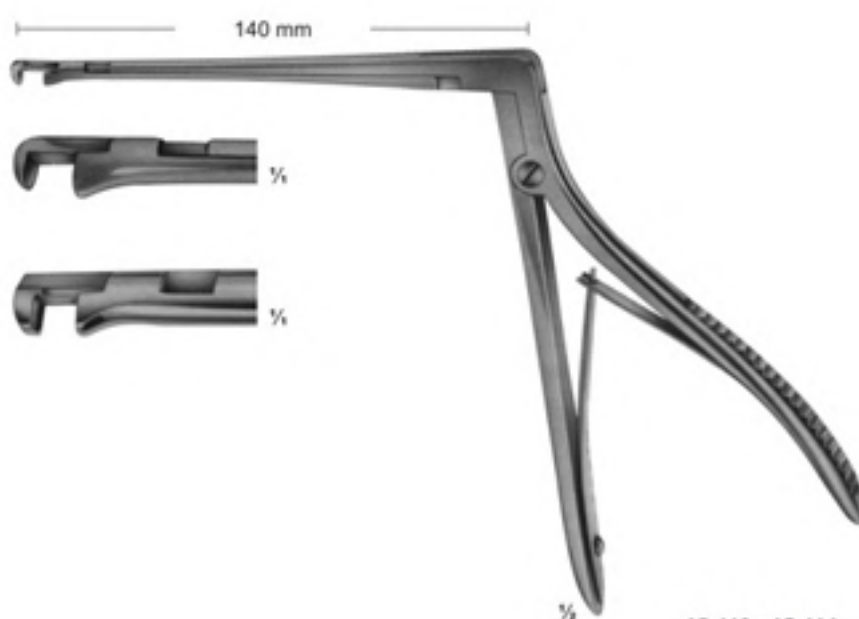


15-112
5 mm



15-111 - 15-112
KERRISON

90° upwards cutting



15-113
3,3 mm



15-114
4,0 mm



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

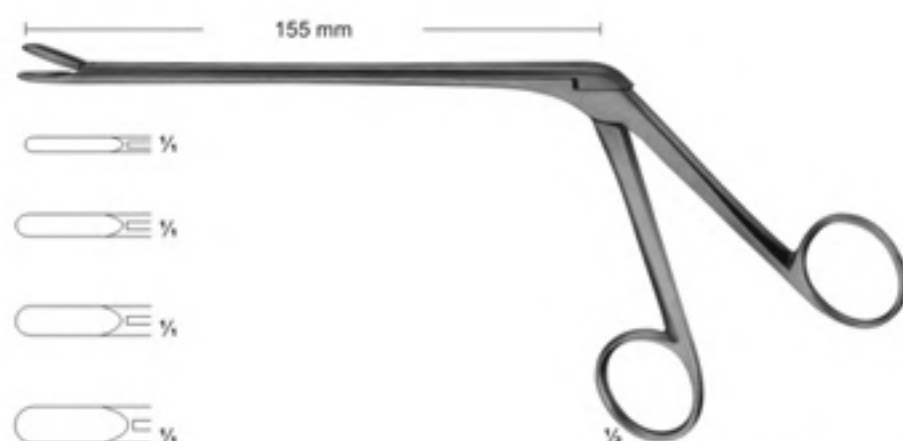
3 mm

15-120

4 mm

15-121

5 mm



15-118 - 15-121
CASPAR

150°

15-122

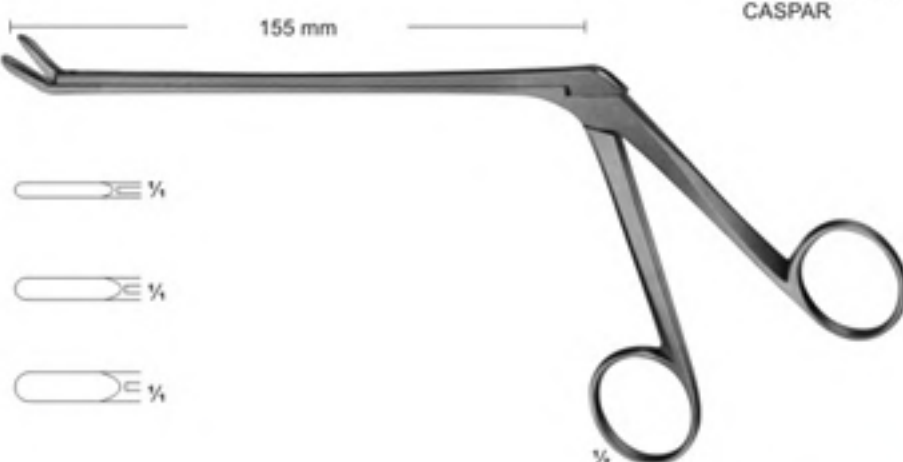
2 mm

15-123

3 mm

15-124

4 mm



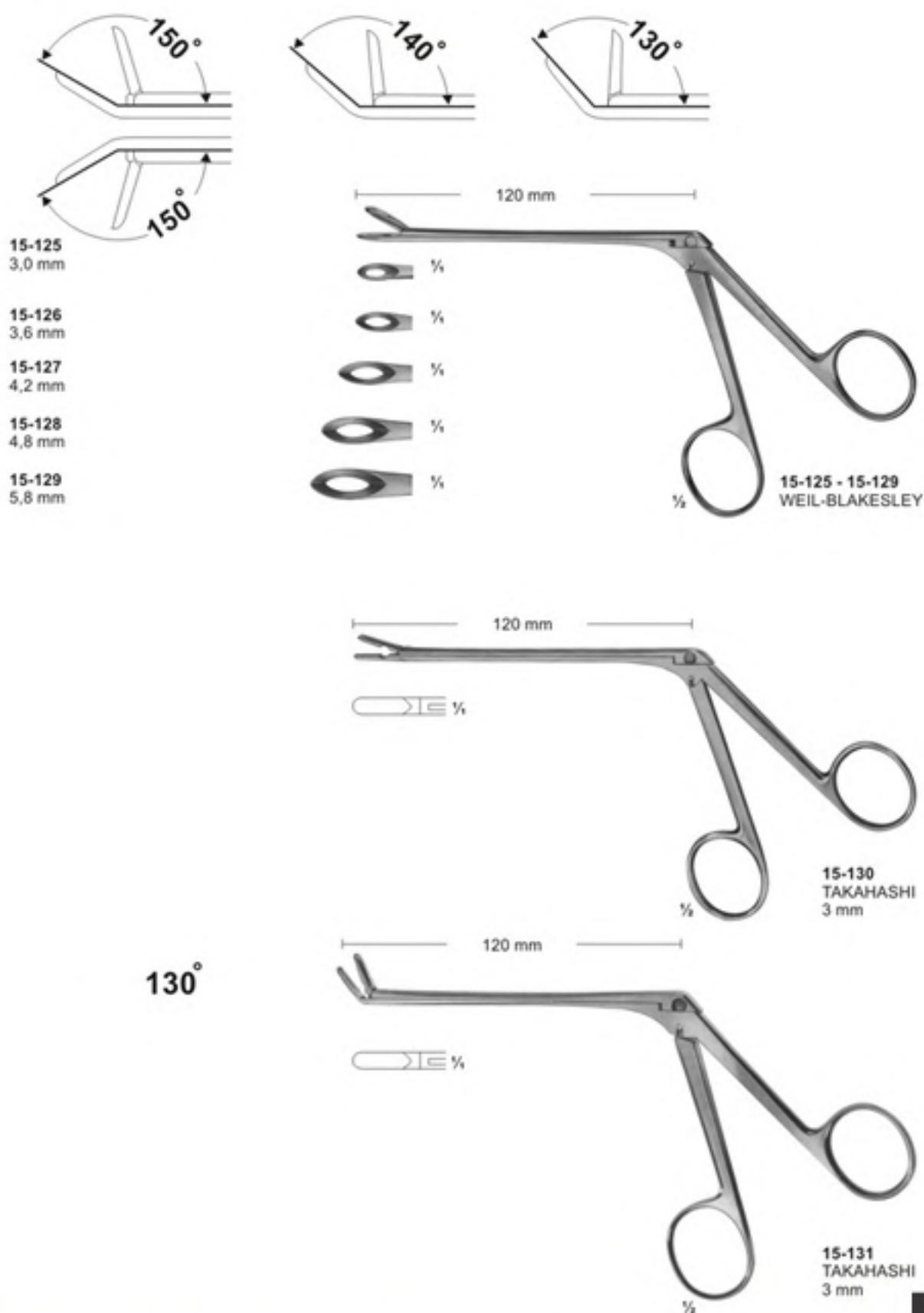
15-122 - 15-124
CASPAR



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Rongeurs

Angled positions for rongeurs





Rongeurs

150°

Lower part of jaws movable

15-132
2 mm

15-133
3 mm

15-134
4 mm



15-132 - 15-134
CASPAR

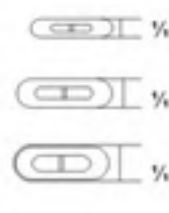
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
15-135	15-140	15-145	2 X 12 mm
15-136	15-141	15-146	3 X 12 mm
15-137	15-142	15-147	4 X 14 mm
15-138	15-143	15-148	5 X 14 mm
15-139	15-144	15-149	6 X 16 mm



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 X 12 mm
15-151	15-154	15-157	4 X 14 mm
15-152	15-155	15-158	5 X 14 mm



15-150 - 15-158
CASPAR

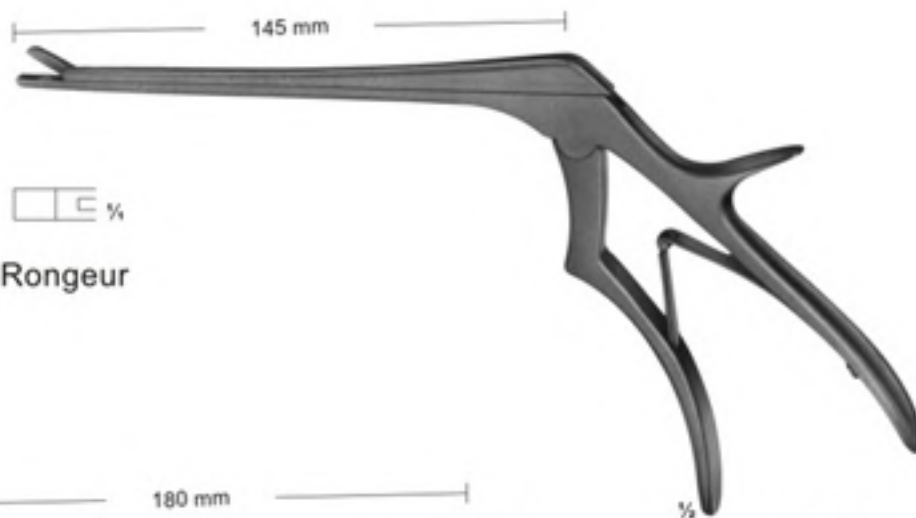


Rongeurs

15-159
4 mm



Osteophyte Rongeur

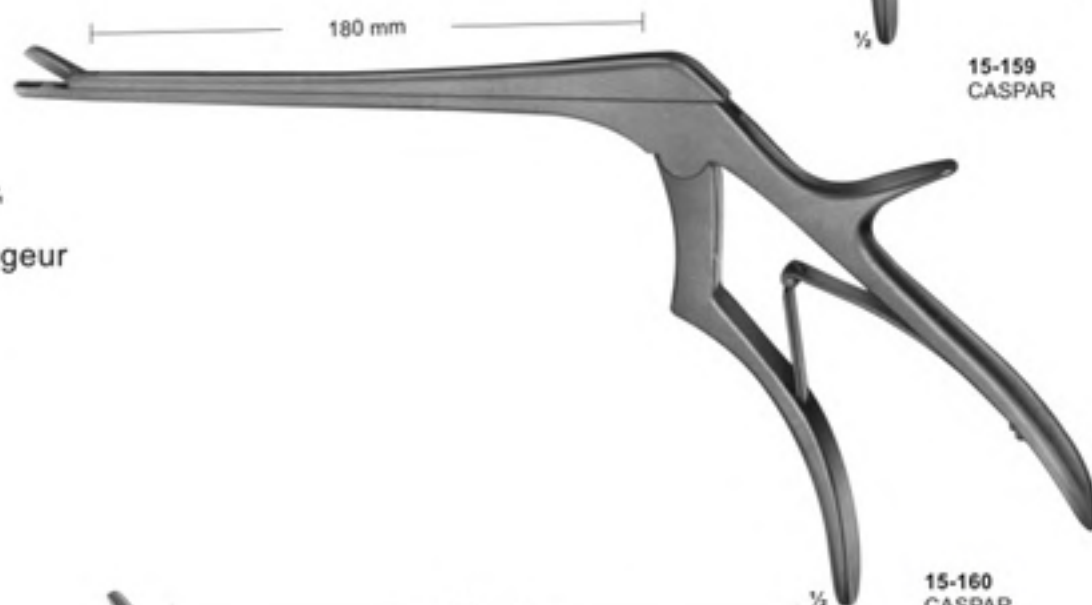


15-159
CASPAR

15-160
4 mm



Osteophyte Rongeur

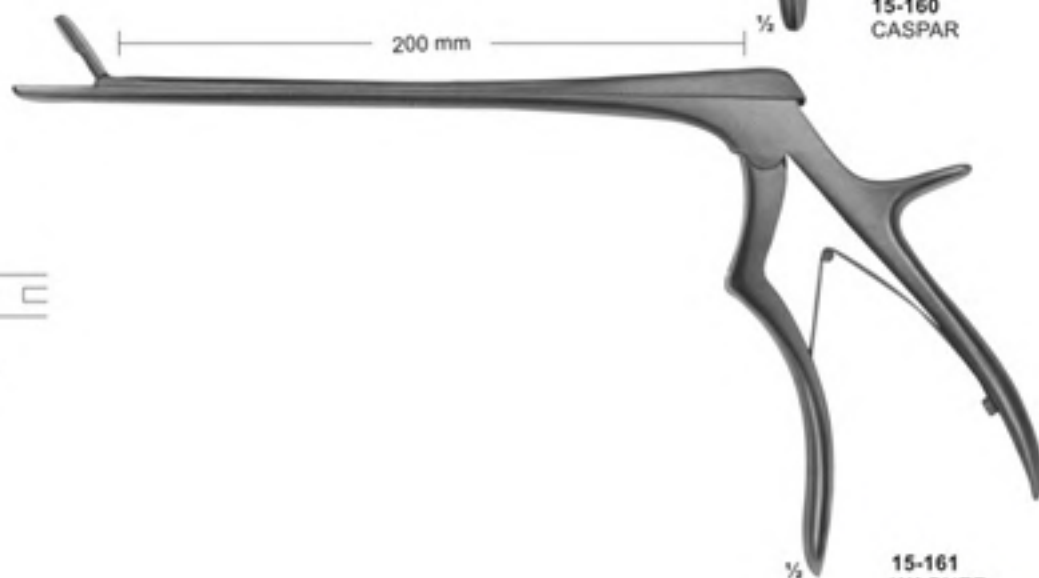


15-160
CASPAR

15-161
5,5 mm



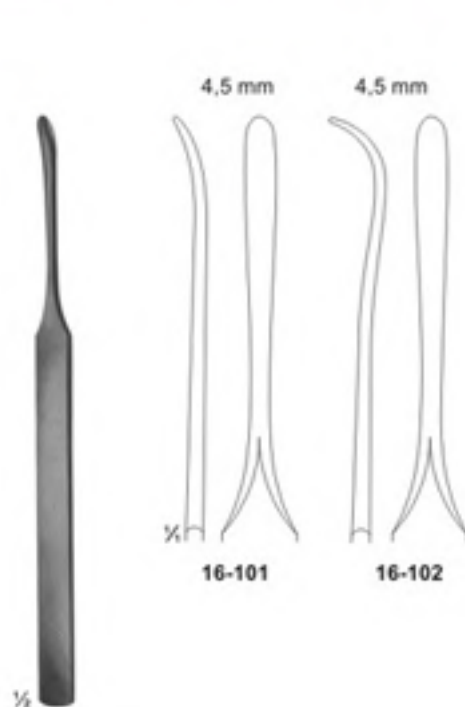
Very Heavy Pattern



15-161
WAGNER



Elevators and Bone Levers



16-101 - 102
KONIG
155 mm



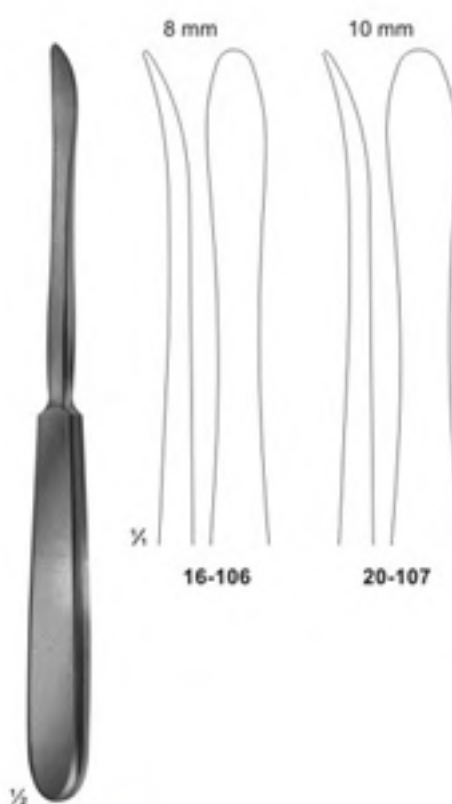
16-103
WILLIGER
165 mm



16-104
WILLIGER
170 mm



16-105
QUERVAIN
195 mm



16-106 - 107
LANGENBACK
195 mm



16-108
LANGENBACK
230mm



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Bone Levers



16-109
LANE TRETHOWAN
215mm

16-110
LANE
255mm

16-111
LANGE-HOHMANN
250mm

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



Raspatories



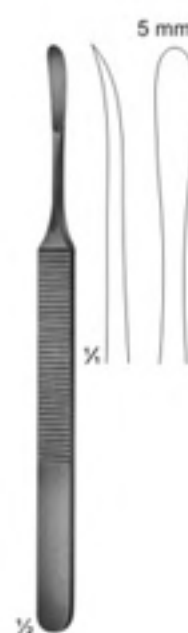
16-114
PARTSCH
150 mm



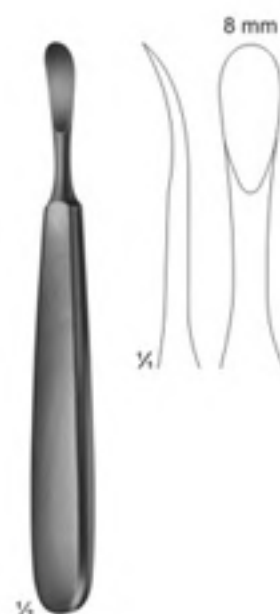
16-116
PARTSCH mod. LANGE
145 mm



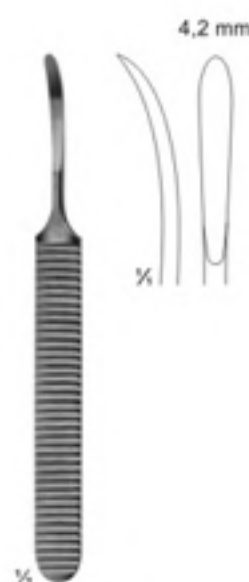
16-117
MC KENTY
155 mm



16-118
KOENIG
155 mm



16-119
TRELAT
150 mm



16-120
WILLIGER
140 mm



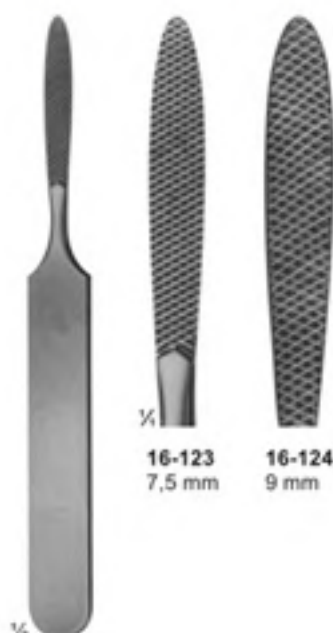
16-121
WILLIGER
160 mm



16-122
JOSEPH
170 mm



Bone File and Rasps

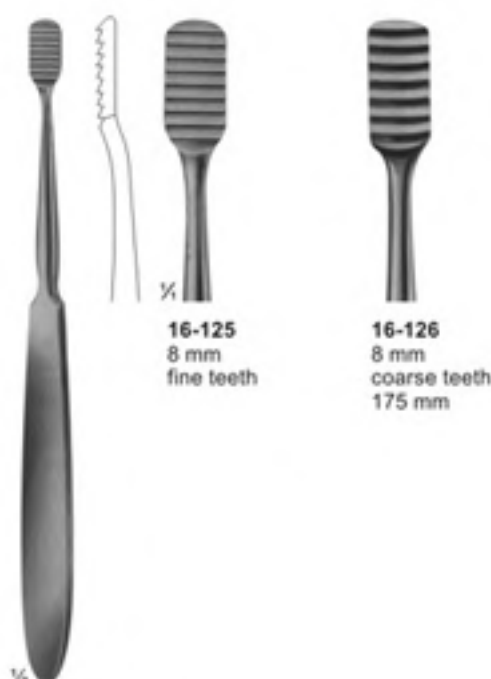


16-123
7,5 mm

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



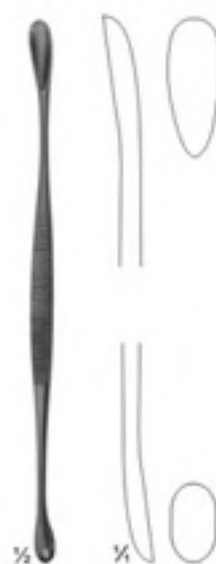
16-135
JANSEN
160 mm



16-136
BARTH
180 mm



16-137
VOLKMANN
130 mm



16-138
VOLKMANN
145 mm



16-139
VOLKMANN
170 mm



DAD & SONS
Surgical Industry

Mallets Weights refer to the heads of the mallets

Hammer Die Gewichtsangaben beziehen sich auf
den Kopf des jeweiligen Hammers



∅ 20 mm

1/2

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



∅ 25 mm

1/2

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



∅ 30 mm

1/2

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



∅ 22 mm

1/2

17-106
165 g
lead filled head
190 mm



140



Osteotomes, Chisels and Gouges



17-107
MANNERFELT
Gouge
155 mm



17-108 - 112
Osteotomes
140 mm

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



17-113 - 117
Chisels
140 mm

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



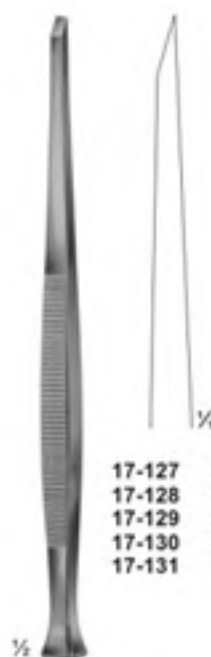
17-118 - 122
Gouges
140 mm

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



PARTSCH
17-123 - 126
Chisels
140 mm

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



PARTSCH
17-127 - 131
Chisels
170 mm

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



PARTSCH
17-132 - 135
Gouges
140 mm

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



PARTSCH
17-136 - 140
Gouges
170 mm

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



LUCAS
17-141 - 142
Chisels
160 mm

17-141 4 mm
17-142 6 mm



LUCAS
17-143 - 144
Gouges
160 mm

17-143 3 mm
17-144 5 mm



Reposition Forceps, Bone Holding Forceps



17-145
Patella forceps
185 mm



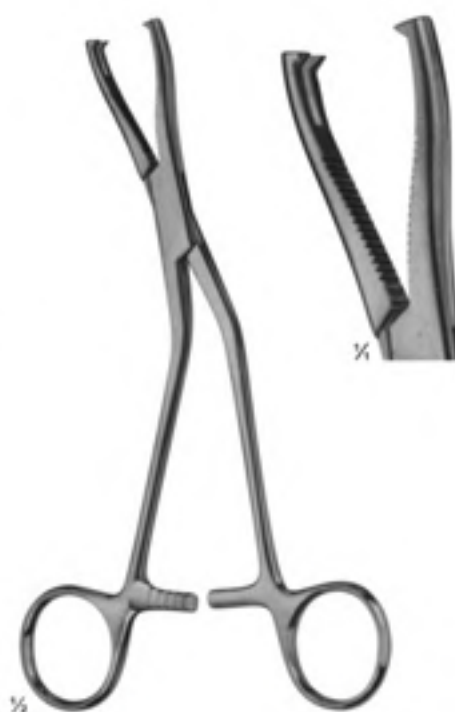
17-146
Forceps with
ratchet fixation
140 mm



17-147
Forceps with
thread fixation
170 mm



17-148
Forceps with
thread fixation
235 mm



17-149
DINGMANN
185 mm



Bone Holding Forceps & Bone Clamps





Bone Rongeurs



17-158
LUER
150 mm



17-159
LUER
155 mm



17-160
BLUMENTHAL
155 mm



17-161
BLUMENTHAL
150 mm



17-162 - 163
JANSEN
175 mm



17-164
BANE-HARTMANN
175 mm



DAD & SONS
Surgical Industry

Bone Rongeurs



17-165
STILLE
235 mm



17-166
LEKSELL-STILLE
240mm



17-167
STILLE-RUSKIN
240mm



DAD & SONS
Surgical Industry

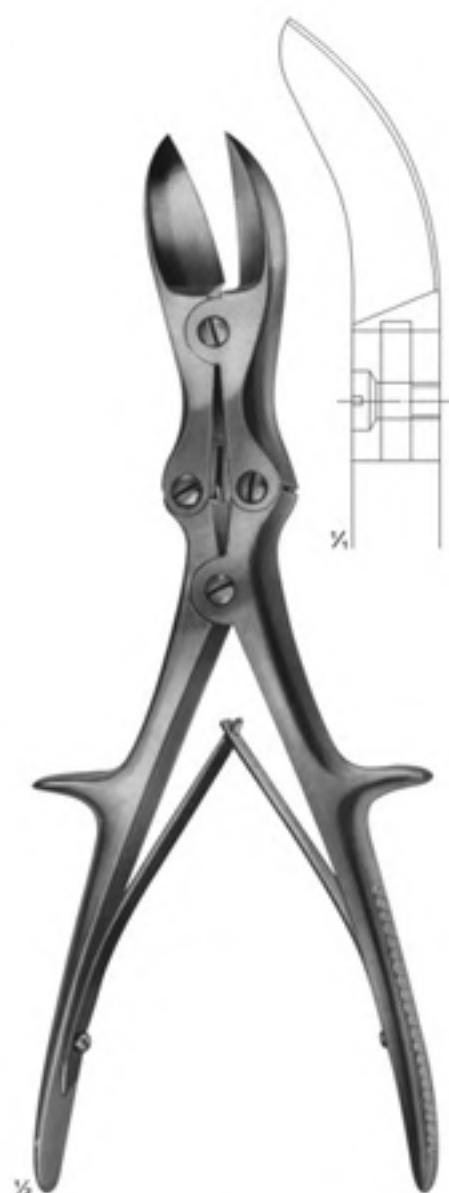
Bone Cutting Forceps



17-168
LISTON
curved on flat
240 mm



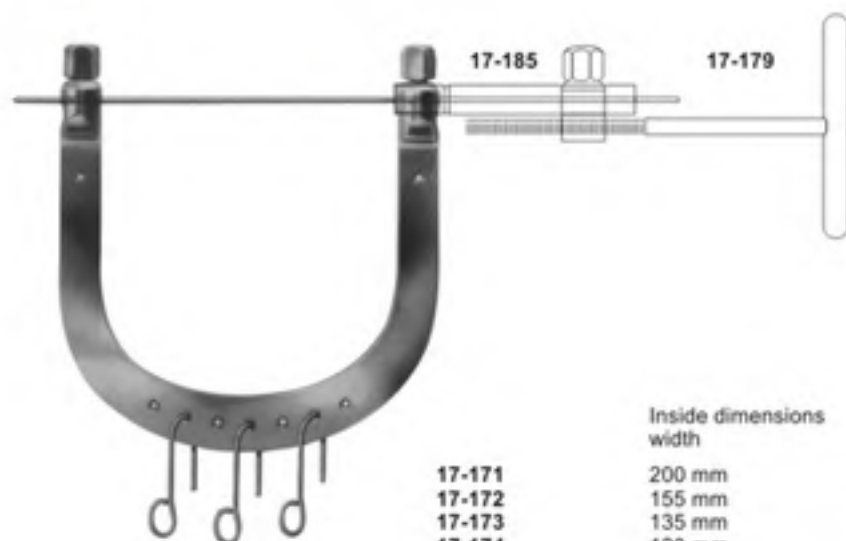
17-169
LISTON
straight
280 mm



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

17-171
17-172
17-173
17-174
17-175
17-176
17-177

Inside dimensions
width

200 mm
155 mm
135 mm
120 mm
105 mm
95 mm
95 mm

depth

155 mm for the hip
155 mm for the femur
130 mm for the knee
120 mm for the knee
100 mm for the knee
110 mm for the calcaneus
70 mm for the arm and elbow



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



17-179
Wire tightener, with
clamping jaws



American Type

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



17-180
Traction hook only,
large size



17-181
Traction hook only,
small size

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



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



Cerclage Instruments



17-186
275 mm



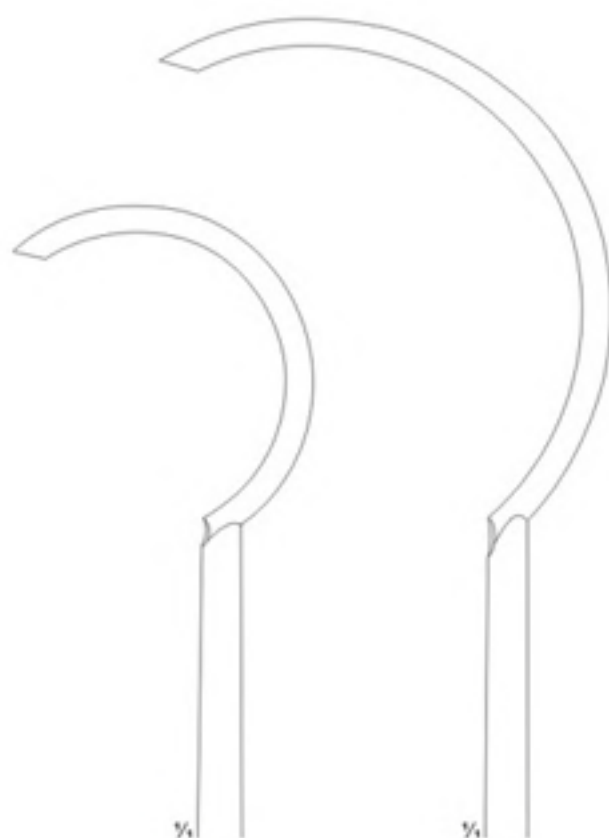
17-187
285 mm



17-188
305 mm



17-186 - 17-188
DEMEL
Wire guides



17-189
240 mm



17-190
270 mm



17-191
225 mm



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



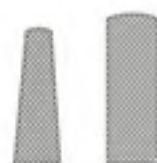
17-204



17-205



17-206



17-207

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

17-204 - 17-207



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



Wire Cutters and wire Cutting Scissors DUROTIP with Carbide Cutting Edges



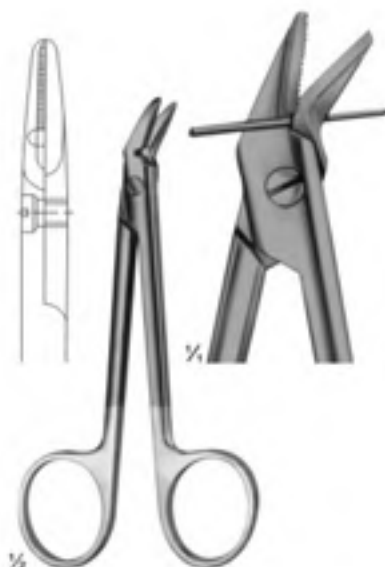
17-209
ANGLE
130 mm

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

0,5 mm
0,3 mm

17-210
DUROTIP
ANGLE
130 mm

0,6 mm
0,4 mm



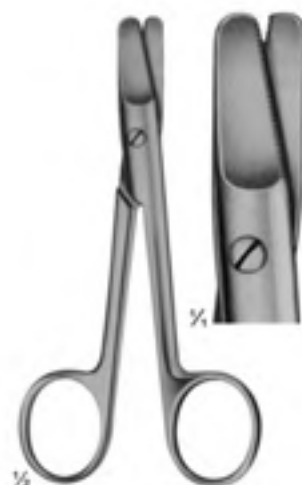
17-211
120 mm

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

1,2 mm
0,8 mm

17-212
DUROTIP
120 mm

1,2 mm
0,8 mm



17-213
HARVEY
125 mm

0,4 mm
0,3 mm



17-214
150 mm

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

1,5 mm
1,0 mm



17-215
160 mm

1,5 mm
1,2 mm



17-216
140 mm
DUROTIP
1,5 mm

1,0 mm



DAD & SONS
Surgical Industry

Wire Cutting Pliers, Lateral Cutting Action



17-217
180 mm

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



17-218
REILL
175 mm

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



DUROTIP

17-219
235 mm

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



Wire Cutting Pliers, Lateral and Front Cutting Action



17-220
240 mm

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



17-221
145 mm

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



17-222
145 mm

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



17-223
220 mm

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



Wire Cutting Pliers



17-224
320 mm

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



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

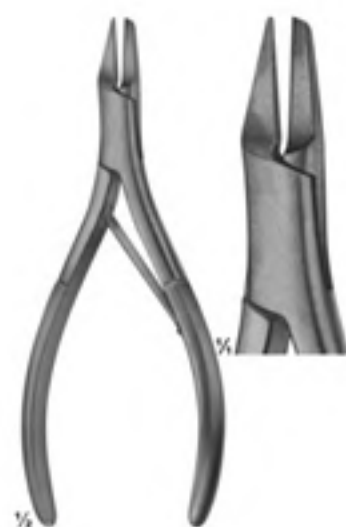


DUROTIP

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



Finger Nail Instruments





DAD & SONS
Surgical Industry

Plaster Shears



17-235
STILLE-AESULAP
260 mm



17-236
STILLE-AESULAP
360 mm



DAD & SONS
Surgical Industry

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



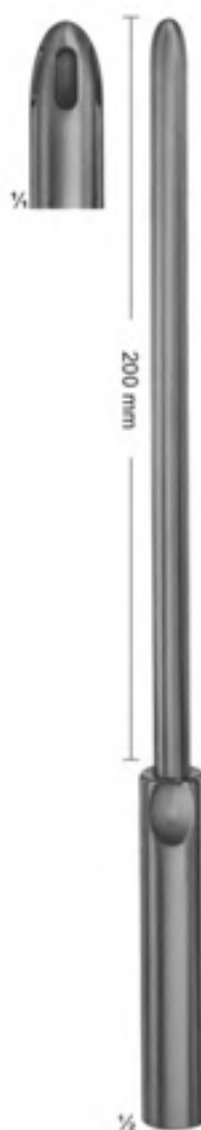
18-107 - 18-108

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
Trocars
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

Ø 1,75 mm

Ø 3 mm

olive

1/2

Ø 8 mm

18-123 1,5 mm

18-124 2,0 mm

WULLSTEIN

Suction tube, cylindrical, silver, with
stylet olive with LUER hub
160 mm

olive

1/2

Ø 8 mm

Usable length

YASARGIL usable length diam.

18-125 130 mm 1,5 mm

18-126 150 mm 1,5 mm

18-127 180 mm 1,5 mm

18-128 220 mm 1,5 mm

18-129 130 mm 2,0 mm

18-130 150 mm 2,0 mm

18-131 180 mm 2,0 mm

18-132 220 mm 2,0 mm

YASARGIL usable length diam.

18-133 130 mm 2,5 mm

18-134 150 mm 2,5 mm

18-135 180 mm 2,5 mm

18-136 220 mm 2,5 mm

18-137 130 mm 3,5 mm

18-138 150 mm 3,5 mm

18-139 180 mm 3,5 mm

18-140 220 mm 3,5 mm

18-141 180 mm 4,5 mm

olive

Ø 6,5-9 mm
with LUER hub

18-142 - 18-144

LANDOLT

150 MM

diam Ø 3 mm

18-142 8 mm / curved

18-143 11mm / curved

18-144 15mm / curved

Ø 3.5 mm

Ø 2.0 mm

18-145 500 mm

18-146 350 mm

with rubber tip,

with LUER hub

olive

Ø 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

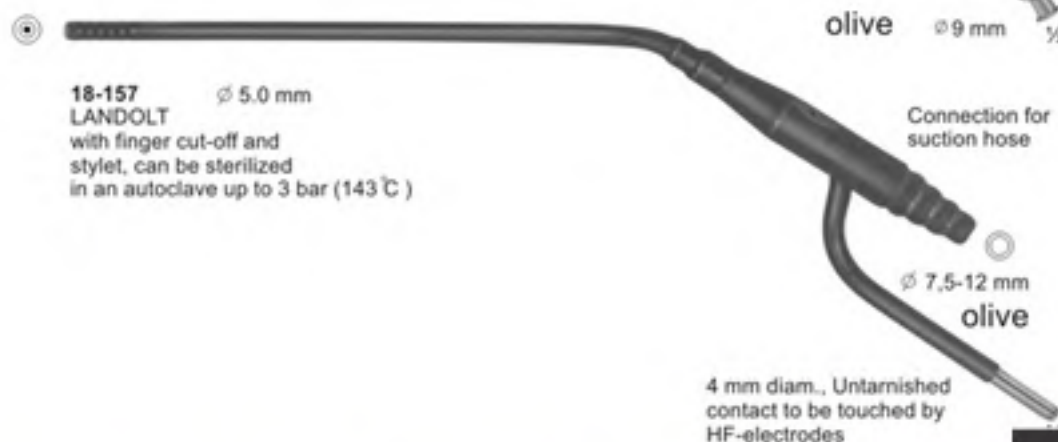
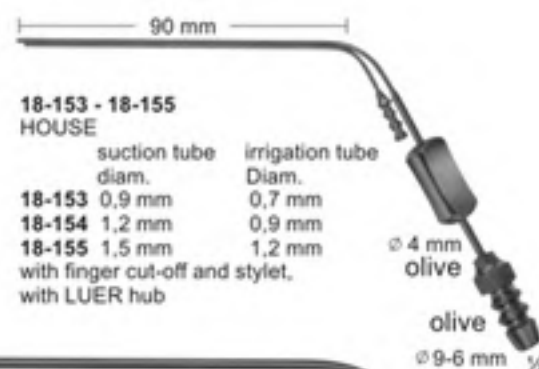
250 mm

olive

Ø 6-9 mm

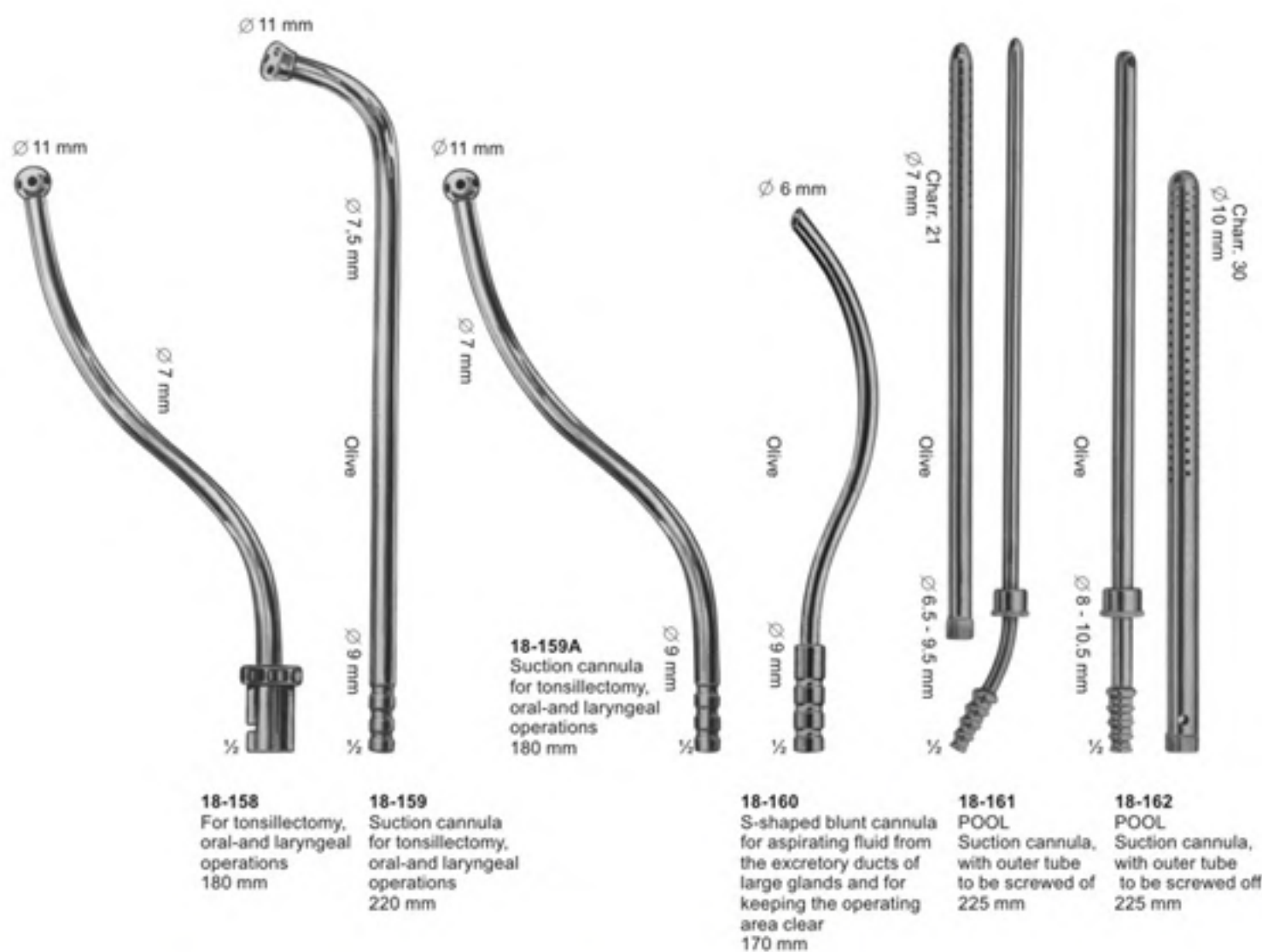


Combined Suction and Irrigation Cannulae, Coagulation Suction Cannulae



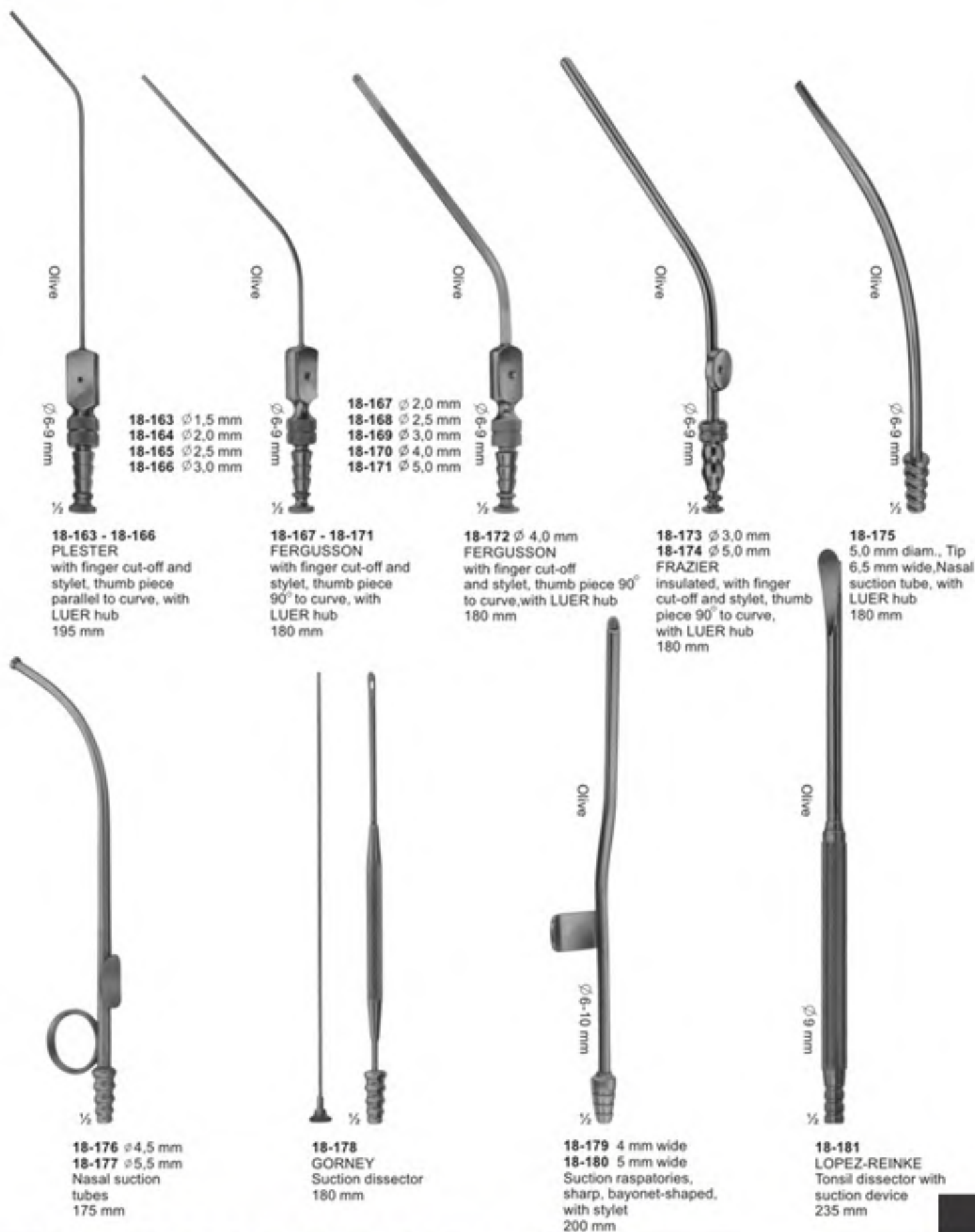


Suction Instruments





Suction Instruments





Dissection Instruments



18-182

- 1- Blow pipe .
- 2- 3 PCS .scalpel.
- 3- Dissecting forcep 13 cm.
- 4- Grooved director with 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.



18-184

- 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



18-186

- 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



18-183

- 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.



18-185

- 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



18-187

- 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.



18-190

- 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.



18-192

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



18-189

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



18-191

- 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.



18-193

- 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- Huber probe.
- 9- B.P.handle no.3
- 10- Teasing needle STR plastic handle.
- 11- Teasing needle CVD plastic handle.
- 12- Grooved director and tongue tie.
- 13- Probe double end.



18-197

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

Hospital Wares



19-101 - 115
 Schimmelbusch

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



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



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



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



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



19-122
 Ø 65mm x 15mm



Hospital Wares



19-123 - 131

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



19-141 - 142

19-141 Martin Sterilizing Forceps
consisting of:

- 1 Sterilizing Forceps, curved, 25 cm,
without ratchet, with lid for jar
- 1 jar with bottom plate (anti-tilt)

19-142 ditto, with 32 cm long Sterilizing Forceps



19-132 - 139

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



19-140
205 x 105 x 35 mm



Round Metal Boxes and Medicine Cups



19-143 - 148

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



19-149
25 cc

19-150
50 cc



19-151
20 cc
Medicine Spoon



19-152
Ø 75 x 12 mm
Tablet Tray



19-153
Ø 90 x 90 mm
Metal Cup



19-154
Ø 75 x 80 mm
Sputum Cup



Kidney Dish



19-155 - 157

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



Hospital Wares



19-158 - 165

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



19-166 - 170

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



19-173 - 176

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



19-171

Ø 110 x 28 mm 0.15L



19-172

100 cc 0.1L



19-177

235 x 190 x 40 mm



19-178

Ø 220 x 70 mm



Hospital Wares



19-179
Ø 50 x 100 mm
Powder Pot



19-180
Ø 50 x 75 mm
Methot With Lid



19-181
Ø 50 x 75 mm
Methot Without Lid



19-182



19-183



19-184



19-185 - 186

19-185 Ø 235 mm
19-186 Ø 310 mm

Needle Cases



19-187
Sauerbruch
210 x 125 x 17 mm



19-188
Sauerbruch
210 x 125 x 17 mm



19-189
150 x 95 x 13 mm



19-190
150 x 95 x 13 mm



19-191
150 x 95 x 13 mm



19-192
150 x 95 x 13 mm



19-193
150 x 95 x 13 mm



19-194
150 x 95 x 13 mm



19-195
150 x 95 x 11 mm

Storing Cases



19-199 - 209

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



19-196
Deponette
245 x 135 x 35mm



19-197
Deponette
245 x 135 x 50mm



19-198
Deponette
245 x 135 x 60mm

Scissors with Tungsten Carbide Inserts



26-101
Standard

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



26-102
Standard

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



26-103
Standard

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



26-104
Standard

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



26-105
Standard

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



26-106
Standard

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

Scissors with Tungsten Carbide Inserts



26-101
Standard

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



26-102
Standard

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



26-103
Standard

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



26-104
Standard

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



26-105
Standard

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



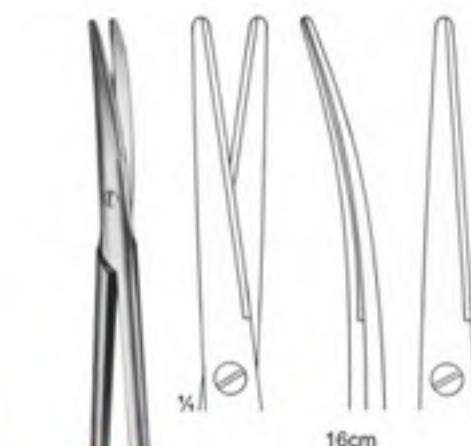
26-106
Standard

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

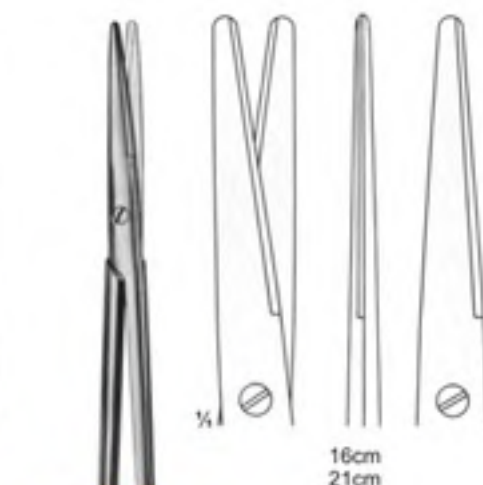
Scissors with Tungsten Carbide Inserts



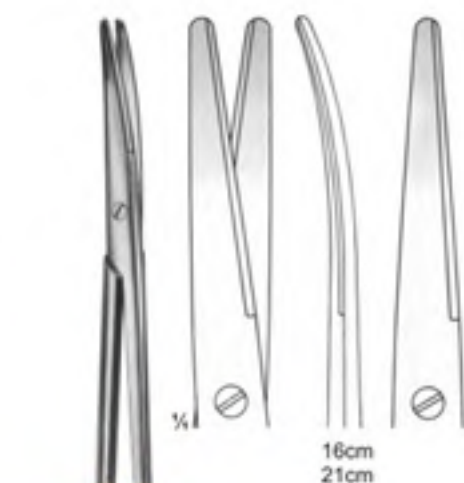
26-107
Mayo-Lexer



26-108
Mayo-Lexer



26-109
Lexer



26-110
Lexer



26-111
Mayo-Stille

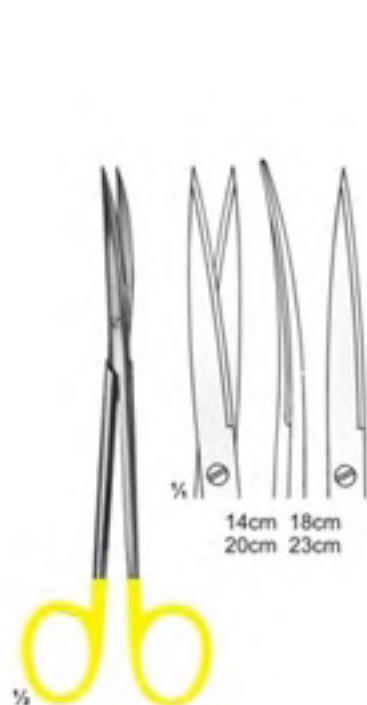


26-112
Mayo-Stille

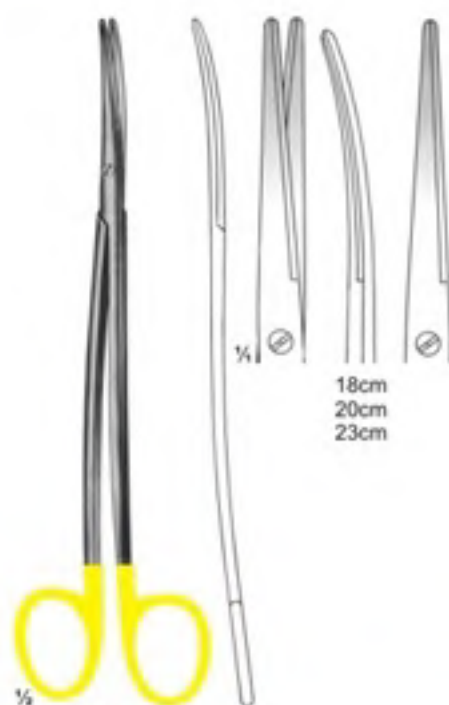
Scissors with Tungsten Carbide Inserts



Scissors with Tungsten Carbide Inserts



26-119
Metzenbaum-Fino



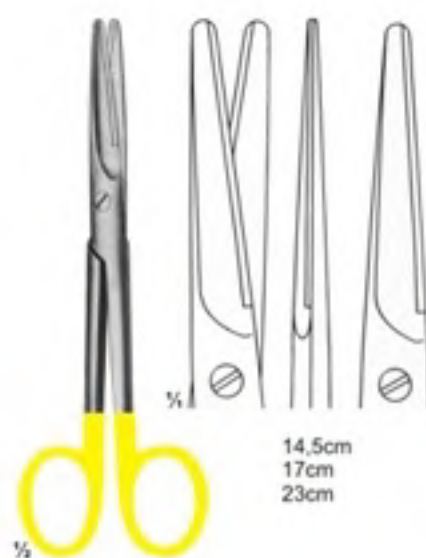
26-120
Metzenbaum-Fino



26-121
Metzenbaum-Fino



26-122
Metzenbaum



26-123
Mayo

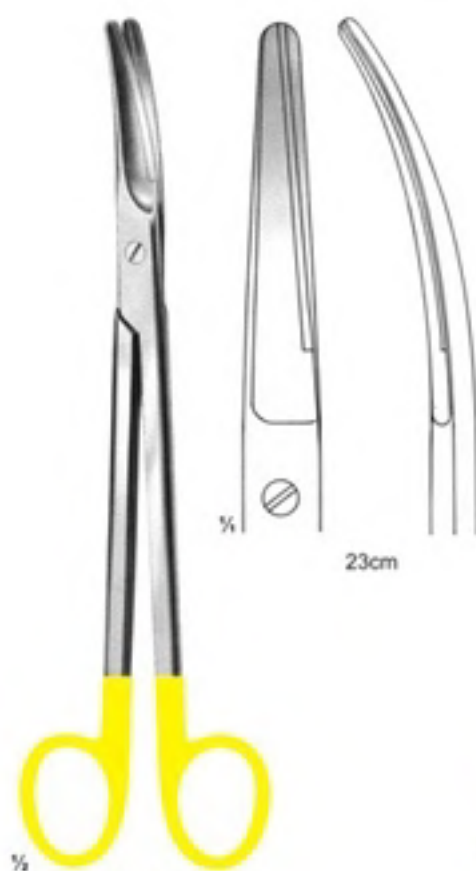


26-124
Mayo

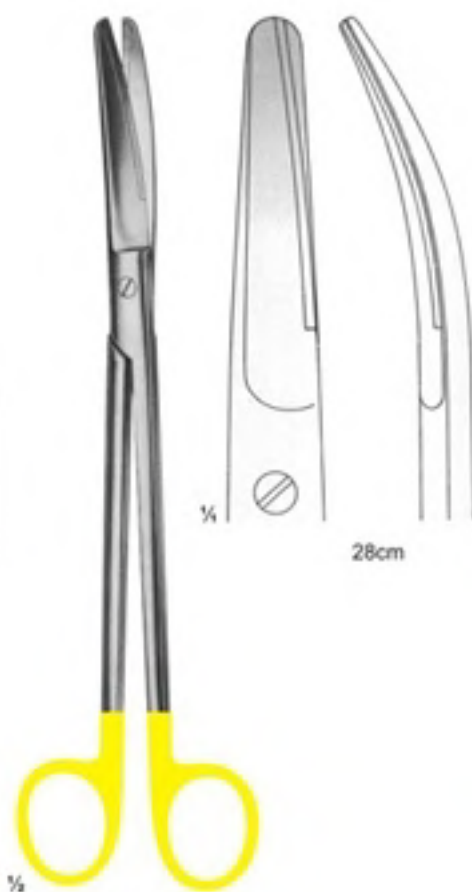


DAD & SONS
Surgical Industry

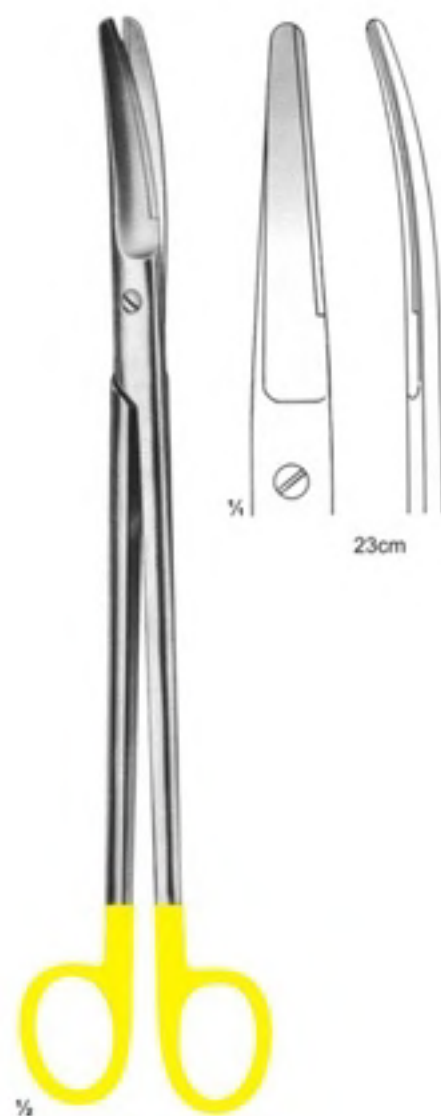
Scissors with Tungsten Carbide Inserts



26-125
Parametrium



26-126
Mayo-Harrington



26-127
Sims

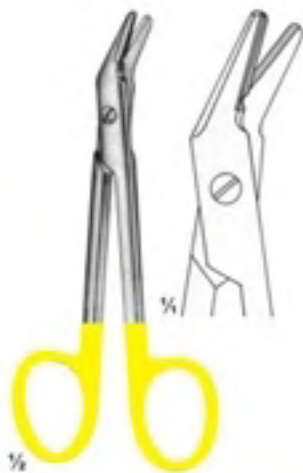


Scissors with Tungsten Carbide Inserts





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



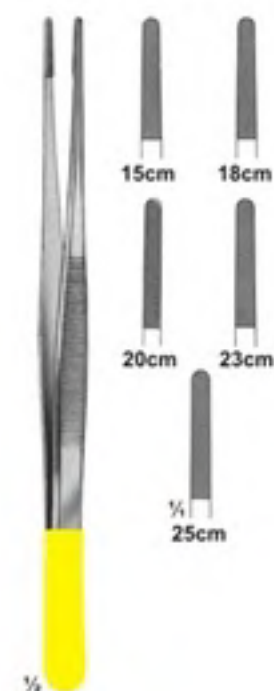
26-143
Semken
15cm



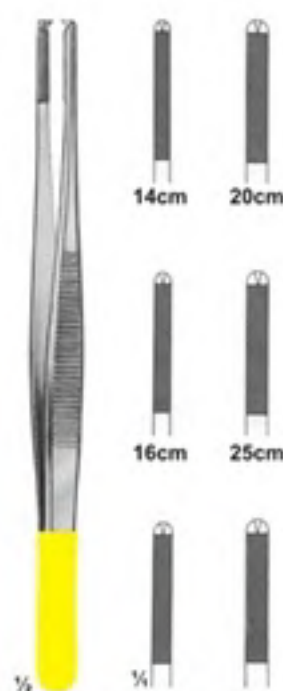
Dissecting Forceps and Needle holders with



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**
Stralte
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





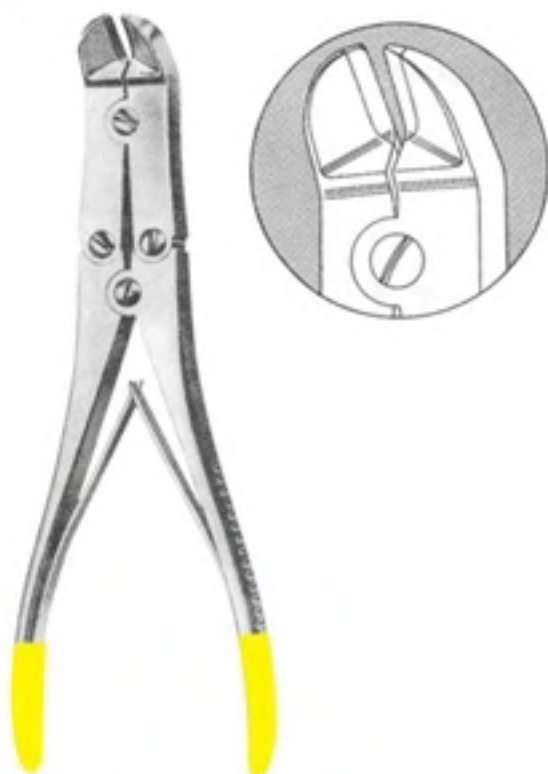
Wire Cutting Plier With T.C. Inserts



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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