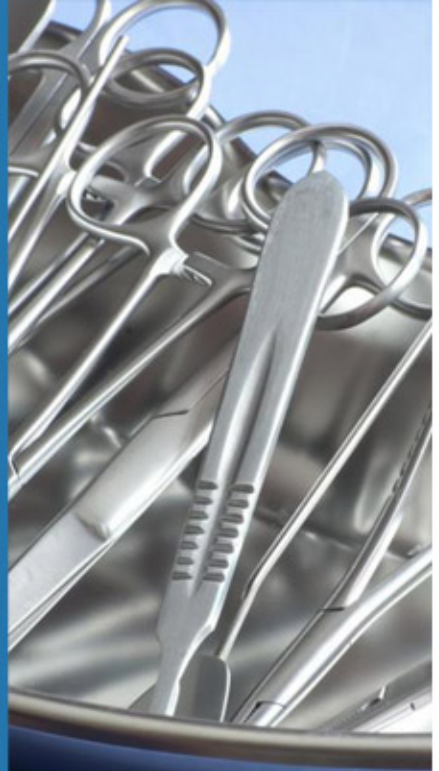


MAS MAQSOOD SONS INSTRUMENTS

info@msonsinst.com
sales@msonsinst.com
www.msonsinst.com

SURGICAL INSTRUMENTS



SURGICAL INSTRUMENTS CATALOGUE

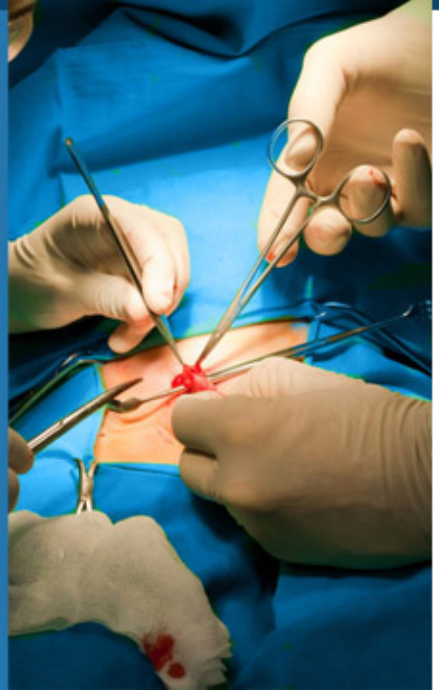


Table Of Contents








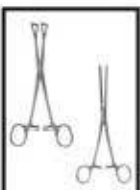
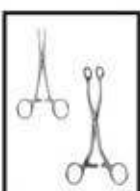
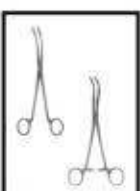




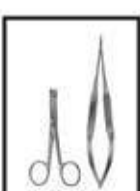










	Page Seite		Page Seite		
Diagnostic, Anaesthesia and other instruments	1 - 10		Probes, Pocket Instruments sets	66 - 68	
Scalpels, knives and Scalpel Handles	11 - 14		Wound Retractors	69 - 80	
Scissors	15 - 31		Self-Retaining Retractors, Abdominal Retractors	81 - 85	
Dissecting-and Tissue Forceps	32 - 42		Abdominal Surgery Intestinal-and Rectal Instruments	86 - 93	
Sponge, Dressing and Tissue Grasping Forceps Towel Clamps	43 - 48		Gall Bladder-, Liver-and Spleen Instruments	94 - 96	
Vessel Clips, Bulldog Clamps Haemostatic Forceps	49 - 57		Genito-Urinary Instruments and Trocars	97 - 100	
Ligature, Hysterectomy and Compression Forceps Vaginal Clamps	58 - 60		Vaginal Specula and Uterine Dilators	101 - 106	
Needle Holders, Suture Instruments	61 - 65		Uterine Probes, Uterine Dressing-, Polypus-and Ovum Forceps	107 - 109	

Table Of Contents

	Page Seite		Page Seite		
Biopsy Instruments and Curettes	110 - 116		Suction Instruments	158 - 166	
Obstetrics and Tracheotomy	117 - 119				
Cardiovascular-and Thoracic Surgery	120 - 128				
Bone Punches, Rongeurs	129 - 134				
Elevators, Bone Levers, Raspatories, Bone Files, Bone Curettes	135 - 139				
Mallets, Chisels and Gouges	140 - 141				
Bone Holding Forceps, Bone Rongeurs, Bone Cutting Forceps	142 - 146				
Plaster Instruments	147 - 157				

Percussion Hammers and Aesthesiometers



01-101
TROEMNER
Size: 245 mm



01-102
DEJERINE
Size: 200 mm



01-103
DEJERINE
with needle
Size: 210 mm



01-104
TAYLOR
Size: 195 mm



01-105
BERLINER
Size: 200 mm



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



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



01-108
ALY
Size: 190 mm



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

Stethoscopes



01-110
PINARD (Aluminum)
Size: 155 mm

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

01-119
ZIEGLER
head band of plastic white



01-120
MURPHY
head band of celluloid, white

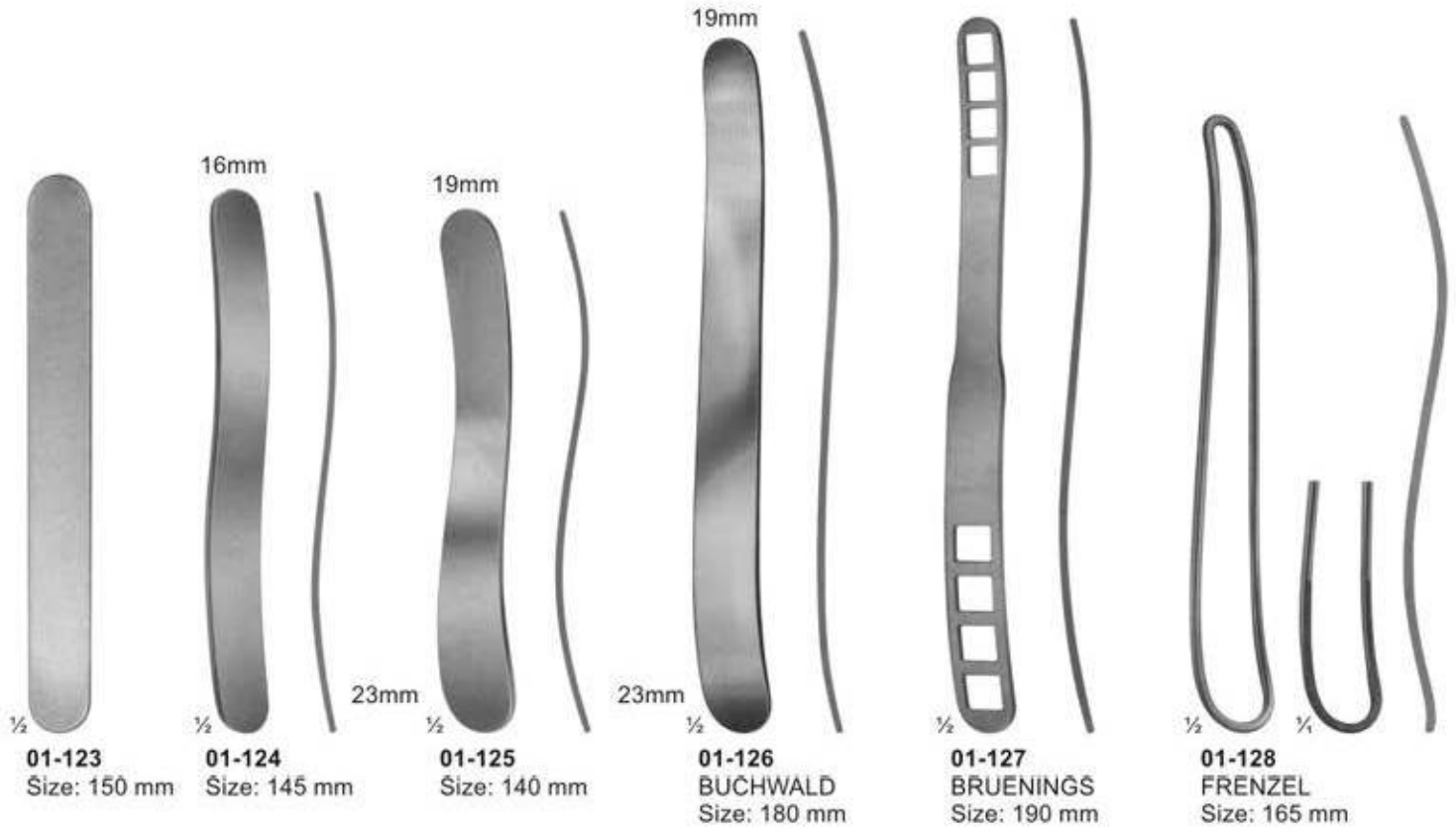


01-121
head band of plastic,
white, soft pattern



01-122
head mirror with black
plastic head band.

Tongue Depressors



Instruments for Anaesthesia and Tongue Forceps



1/2
01-134
SCHIMMELBUSCH
Ether mask



1/2
01-135
HEISTER
Mouth gag
Size: 130 mm



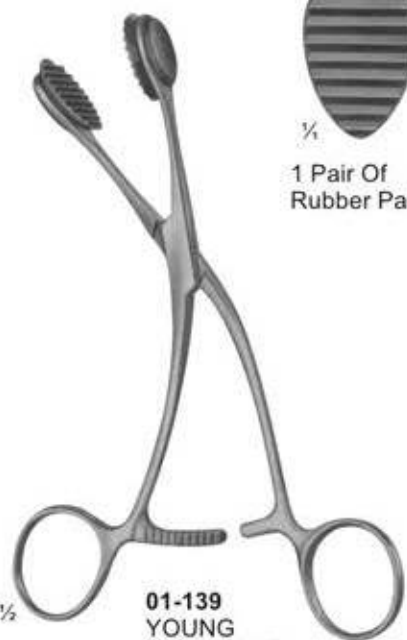
1/2
01-136
FERGUSSON-ACKLAND
Mouth gag
Size: 145 mm



1/2
01-137
DENHARDT
Mouth gag with silicon
inserts, interchangeable
Size: 125 mm



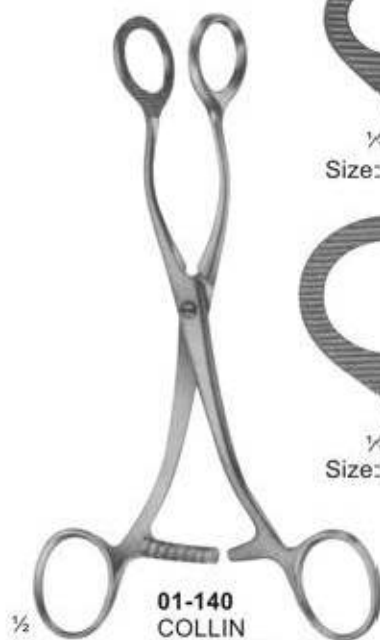
1/2
01-138
ROSER KOENIG
Mouth gag
Size: 160 mm, 185 mm



1/2
01-139
YOUNG
Size: 165 mm



1/4
1 Pair Of
Rubber Pads



1/2
01-140
COLLIN
Size: 160 mm,
170 mm



1/4
Size: 160 mm



1/4
Size: 170 mm



1/2
01-141
HEYWOOD-SMITH
modif. Size: 2



1/4

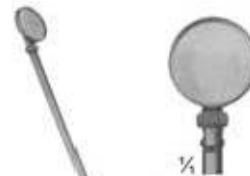
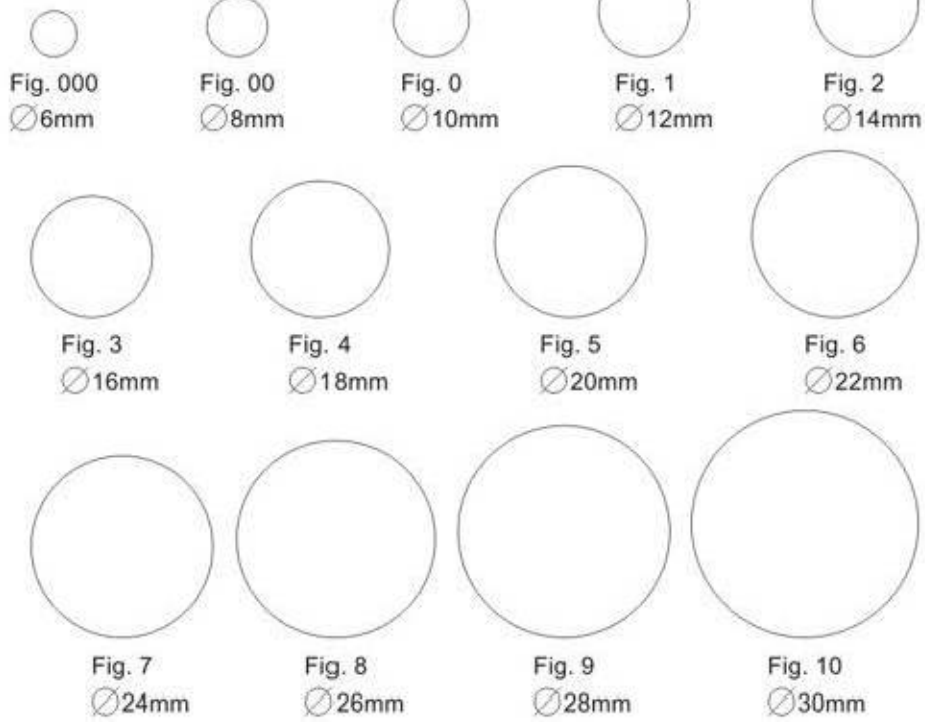
Blood Lancets and Laryngeal Mirrors



01-142
FRANCKE
Automatic blood lancet.



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



01-148
Spare mirrors only
Size: 12 mm



01-149
Spare mirrors only
Size: 14 mm



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



01-145
Mirror handle
Size: 110 mm



01-146
Mirror handle
Size: 105 mm



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

Laryngoscope and Diagnostic Sets



01-150
Infants
Size: 150 mm



01-151
Children
Size: 200 mm



01-152
Adults
Size: 250 mm

1/2

01-150 - 152
MAGILL



01-153
Medium battery handle
only, 25 mm diam.



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



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



01-154



01-155



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



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

Laryngoscopes



1/2

01-158

MILLER

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

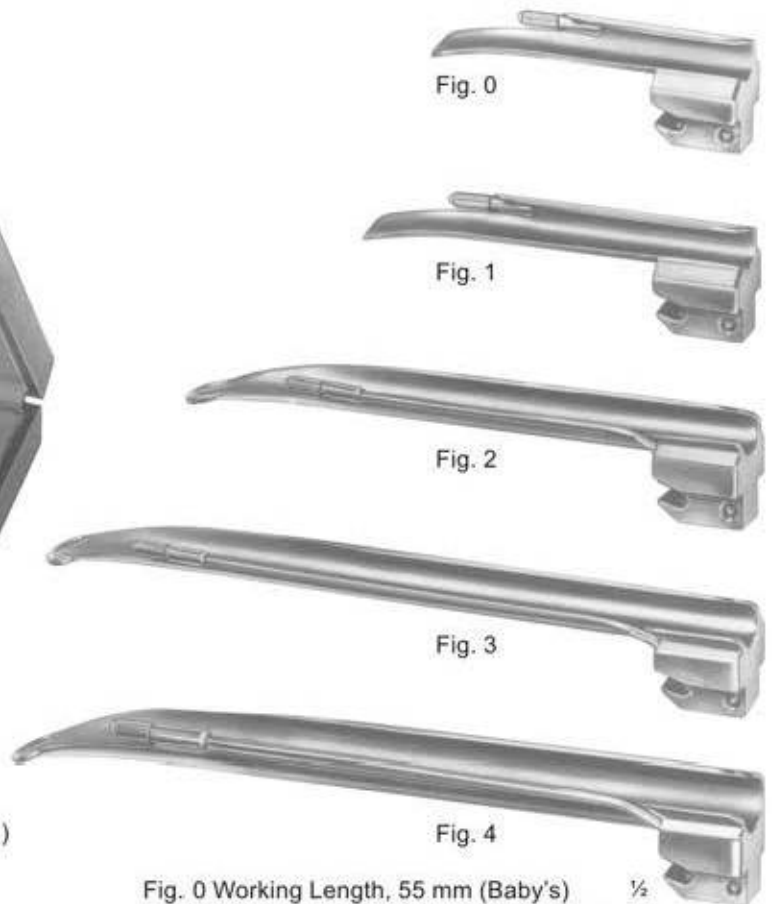


Fig. 0

Fig. 1

Fig. 2

Fig. 3

Fig. 4

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



1/2

01-159

GUEDEL-NEGUS

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



Fig. 1

Fig. 2

Fig. 3

Fig. 4

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

Laryngoscopes



1/3

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

1/2

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



1/3

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

1/2

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



1/2

01-164
Fiber Optic
Battery Handle
30mm diam.



1/2

01-165
Fiber Optic
Battery Handle
18mm diam.



1/4

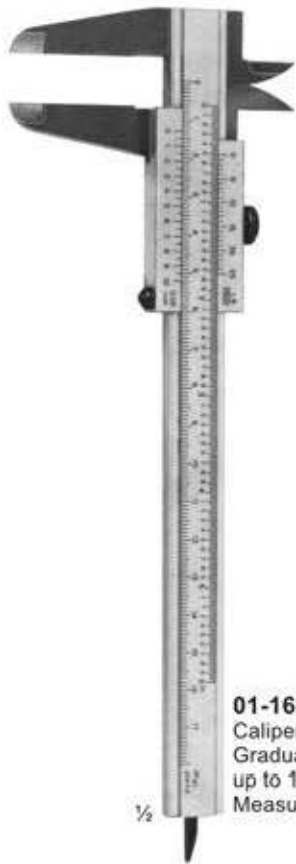
01-166
Replacement Lamp
(Krypton) 2.5 V



1/4

01-167
Replacement Lamp
(Halogen)

Examination & Measuring Instruments



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



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



01-170
 CARROLL
 Size: 145 mm
 Finger Goniometer.



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



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



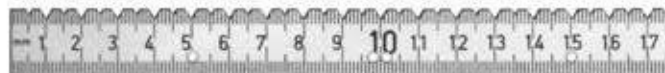
01-173
 BERTILLON
 Caliper For Measuring The Head
 Size: 320 mm



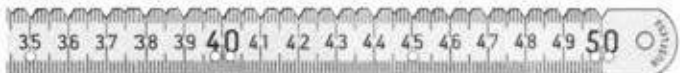
01-174
 CASTROVIEJO
 Caliper
 Size: 75mm



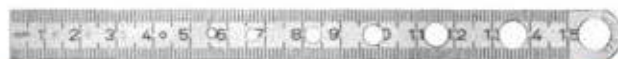
01-175
 MOLTGEN
 Goniometer



01-176
 Size: 150 mm



01-177
 Size: 500 mm



Dissecting Knives



02-101 - 110
Fig. 1 - 10



02-101
Fig. 1
30 mm



02-102
Fig. 2
36 mm



02-103
Fig. 3
40 mm



02-104
Fig. 4
45 mm



02-105
Fig. 5
50 mm



02-106
Fig. 6
27 mm



02-107
Fig. 7
35 mm



02-108
Fig. 8
40 mm



02-109
Fig. 9
47 mm



02-110
Fig. 10
50 mm

Amputating Knives, Cartilage Knives and Autopsy Knives



LISTON
02-111
Size: 130 mm
02-112
Size: 160 mm
02-113
Size: 190 mm
02-114
Size: 200 mm

Blade length
Amputating Knives

02-115
CATLIN
Size: 160 mm
Blade length
Amputating
Knives

02-116
LANGENBECK
Size: 120 mm
Blade length
Flap Knives

02-117
Size: 110 mm
Blade length
Interosseous
Knives

02-118
Size: 55 mm
Blade length
with raspatory,
Wooden handle

02-119
Size: 70 mm
Blade length
Wooden handle

02-120
Size: 80 mm
Blade length
Metal handle

02-121
Size: 195 mm
Blade length
Metal handle

Cone Knives, Myomatome, Trigeminal and Tonsil Knives



02-122
AYRE
 Size: 235 mm
 Cone Knife

02-123
 Size: 230 mm
 Cone Knife

02-124
SEGOND
 Size: 270 mm
 Myomatome

02-125
OLIVECRONA
 Size: 205 mm
 Trigeminal
 Knife

02-126
 Size: 230 mm
 Trigeminal
 Knife

02-127
FOWLER
 Size: 200 mm
 Tonsil Knife

02-128
ABRAHAM
 Size: 215 mm
 Tonsil Knife

02-129
BRUNINGS
 Size: 215 mm
 Tonsil Knife

Scalpel Handles



02-130
STANDARD
No. 3
Solid
12 cm

02-131
No. 3
Solid
12 cm

02-132
No. 3
Solid
12 cm

02-133
No. 3 L
Straight
Solid
21.5 cm

02-134
No. 3 L
Angled
Solid
21 cm

02-135
No. 7
Solid
16 cm

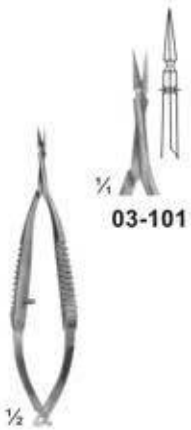
02-136
No. 7 K
Solid
12.5 cm

02-137
Hollow-Round
15.5 cm

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

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

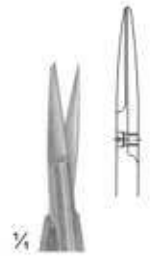
Micro Scissors (Spring Type) with Flat Handles



03-101 - 103
VANNAS
Size: 85 mm



03-104 - 105
CASTROVIEJO
Size: 95 mm



03-106
NOYES
Size: 125 mm



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

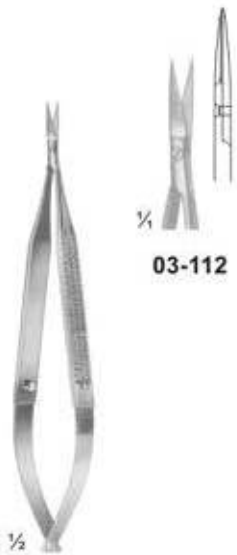


03-109
CASTROVIEJO
Eye scissor
Size: 115 mm



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

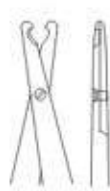
Micro Scissors (Spring Type) with Flat Handles



03-112
Size: 120 mm



03-113



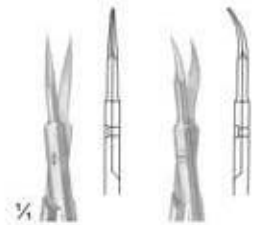
03-114
BIEMER
Vein scissor
Size: 130 mm



03-115
Size: 160 mm



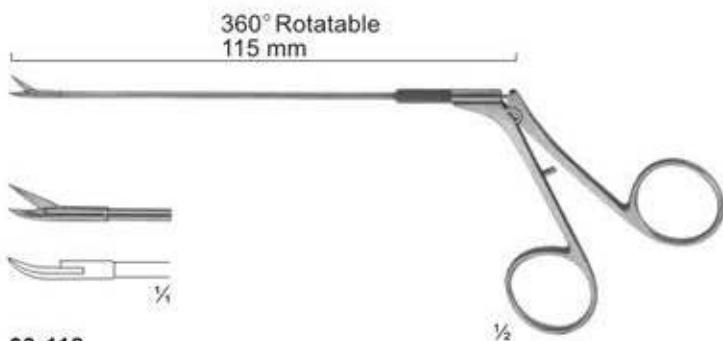
03-116 - 117
VANNAS
Size: 160 mm



03-116



03-117



03-118
CASPAR
Micro scissor curved
Size: 115 mm



03-119



03-120



03-121



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

Micro Scissors (Spring Type) bayonet-Shaped



03-122
YASARGIL
Size: 245 mm



03-123
45°



03-124
45°



03-123 - 124
laterally angled
Size: 200 mm



125°



03-125
laterally angled
Size: 190 mm



03-126



03-127



03-126 - 127
YASARGIL
Size: 225 mm

Delicate Scissors



03-128

03-129

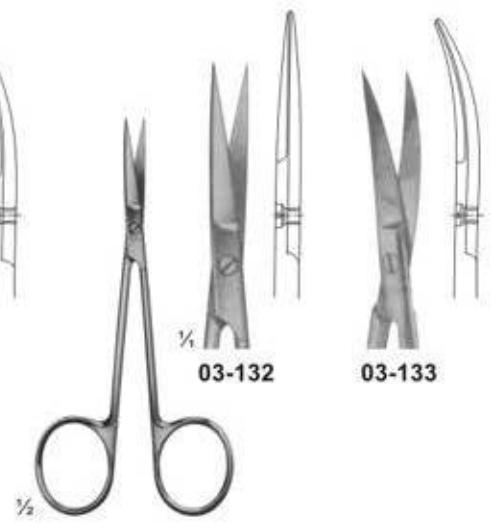
03-128 - 129
Size: 90 mm



03-130

03-131

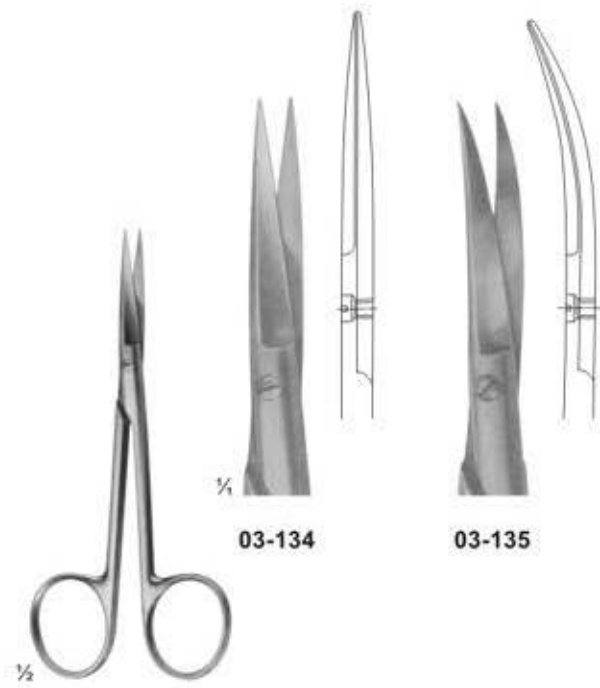
03-130 - 131
Size: 95 mm



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

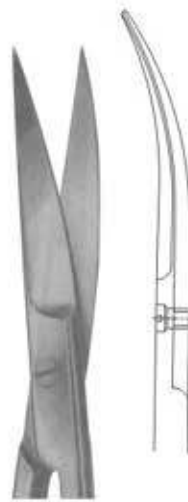
Delicate Scissors



03-138 - 140
Size: 120 mm



03-138



03-139



03-140



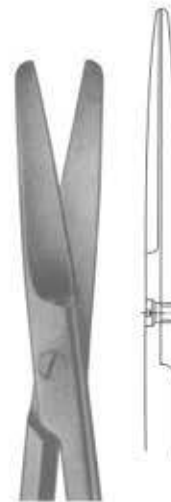
03-141 - 144
Size: 130 mm



03-141



03-142

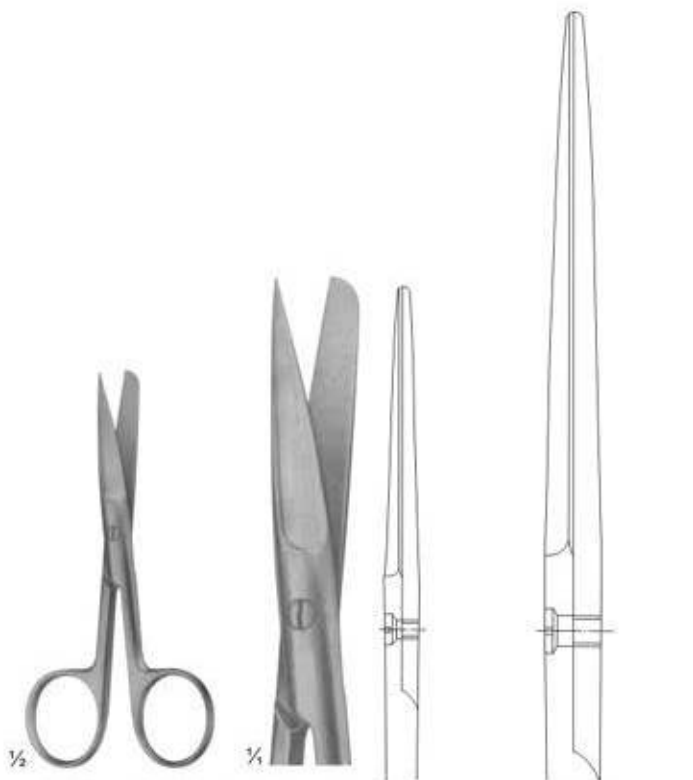


03-143



03-144

Surgical Scissors



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

03-145
 Size: 105 mm

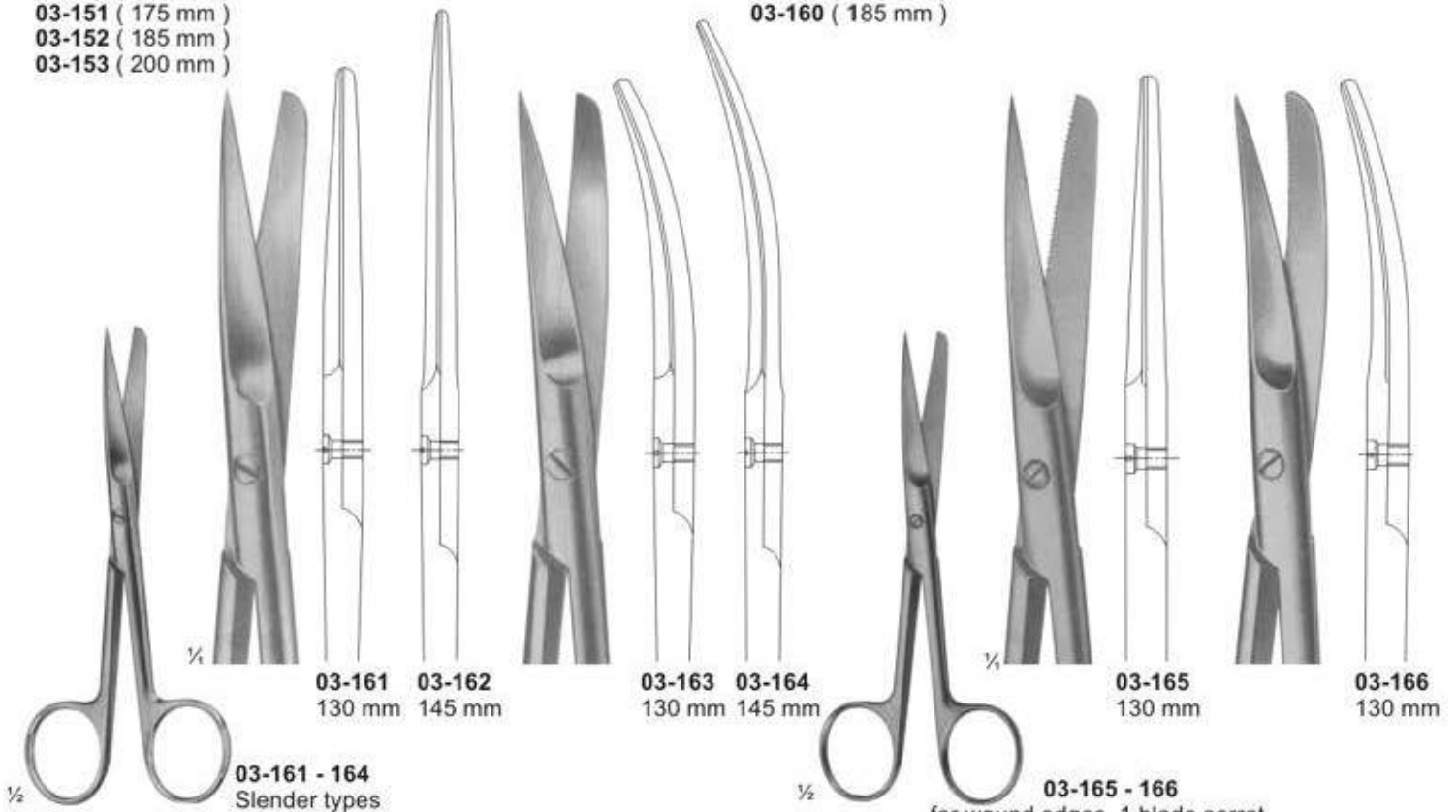
03-153
 Size: 200 mm



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

03-154
 Size: 115 mm

03-160
 Size: 185 mm



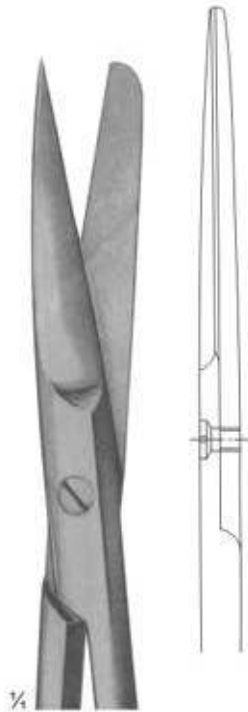
03-161 - 164
 Slender types

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

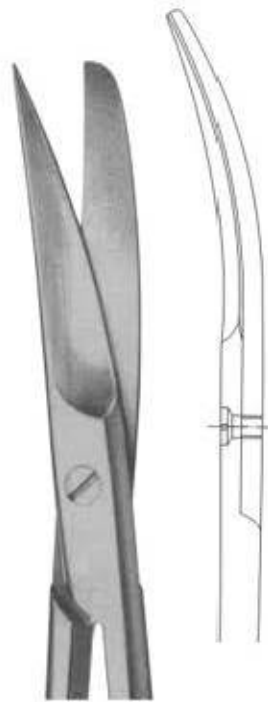
Surgical Scissors



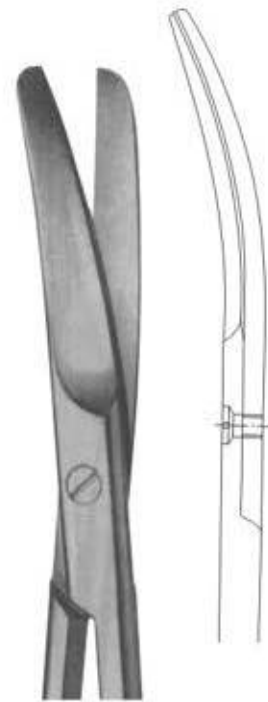
03-167 - 169
DEAVER
with flat lock



03-167
Size: 145 mm



03-168
Size: 145 mm



03-169
Size: 145 mm



03-170 - 172
Incision scissors



03-170
Size: 130 mm



03-171
Size: 145 mm



03-172
Size: 165 mm

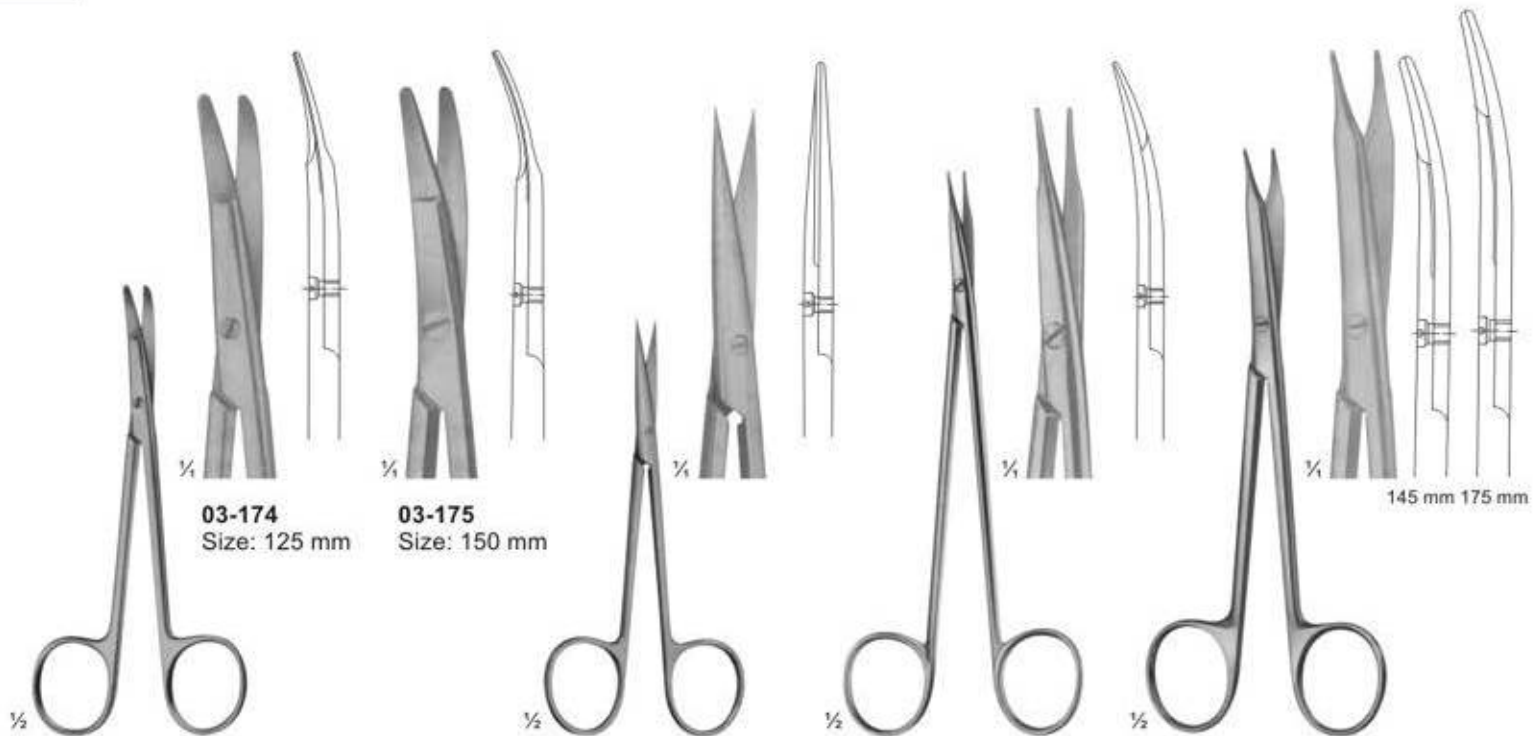


03-173
SYSTRUNK
Nail splitting scissors



03-173
Size: 130 mm

Dissecting Scissors

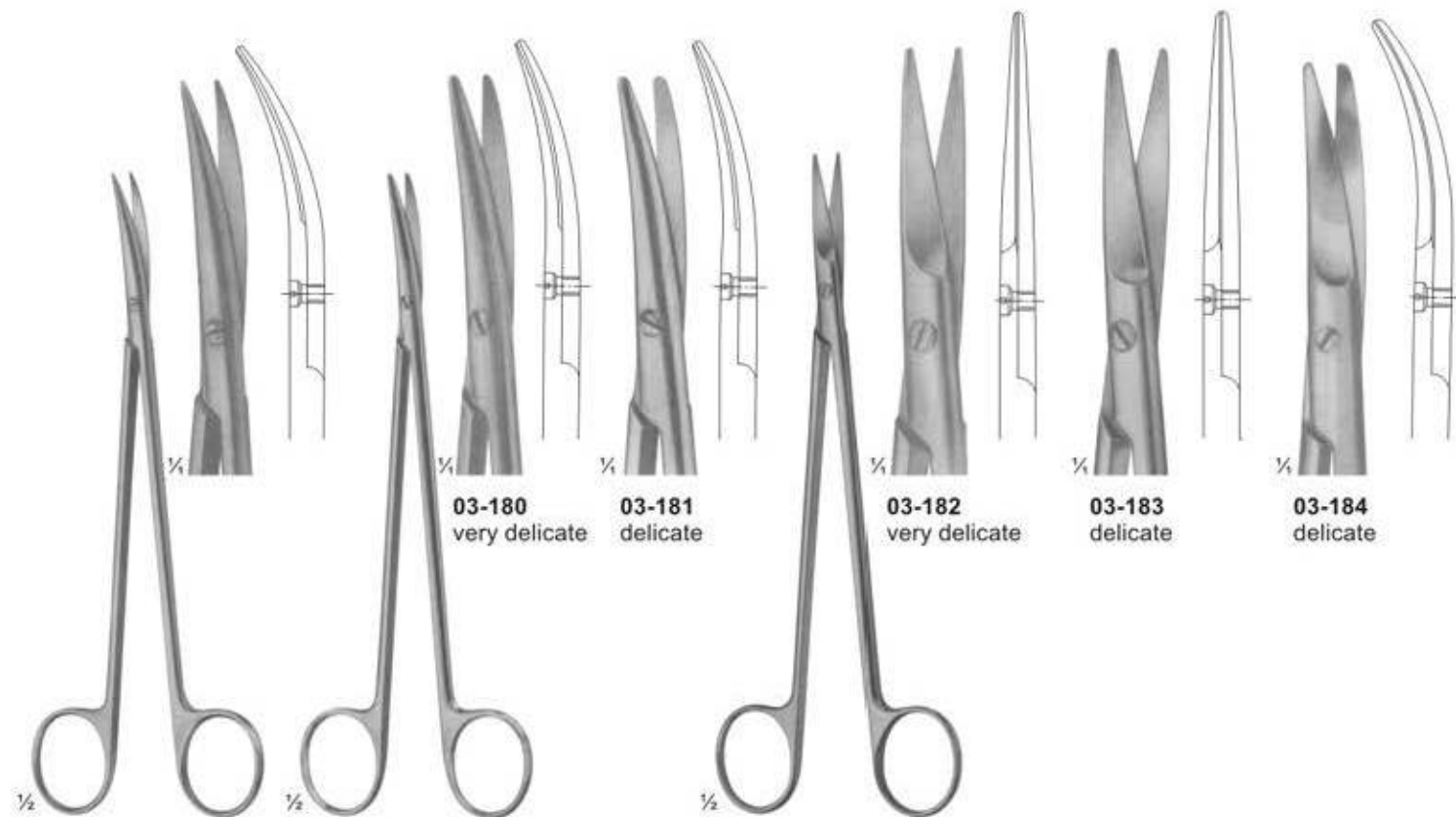


03-174 - 175
KILNER
 Special flat points for dissecting and undermining the skin

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

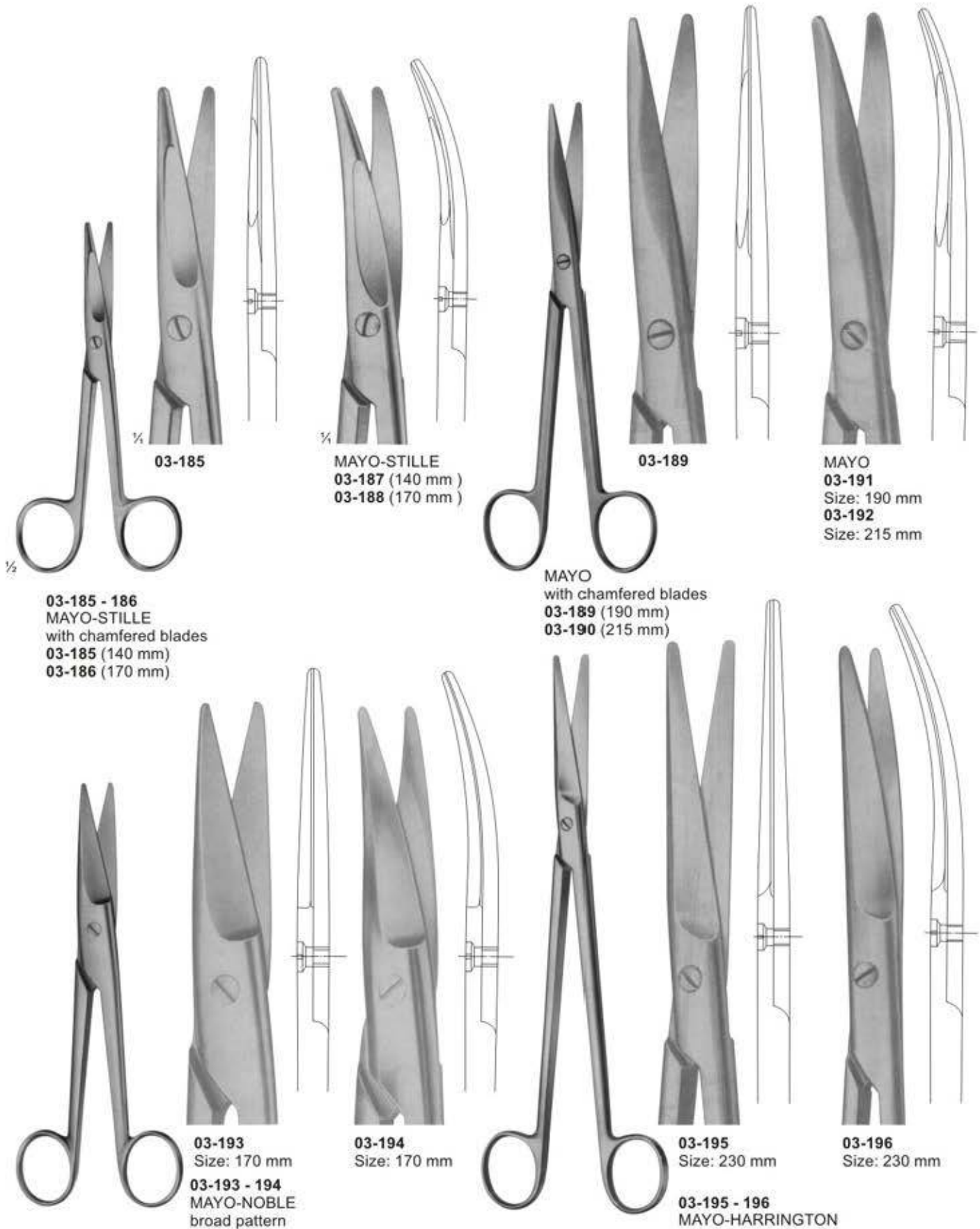


03-179
DE BAKEY
 Arteriotomy scissors
 Size: 175 mm

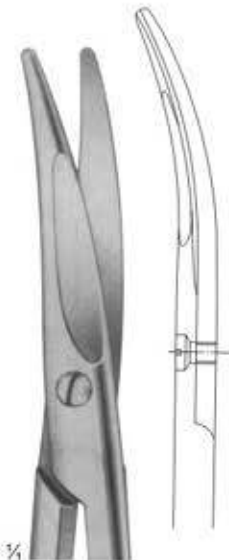
03-180 - 181
TOENNIS ADSON
 Dissecting scissors
 Size: 175 mm

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

Dissecting Scissors



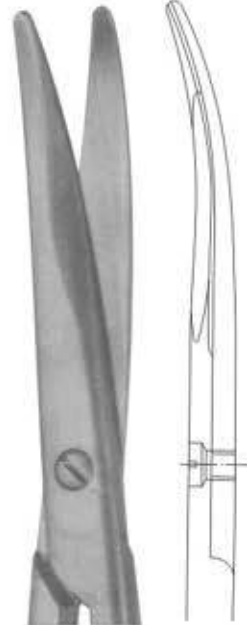
03-185



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



03-189



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

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

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

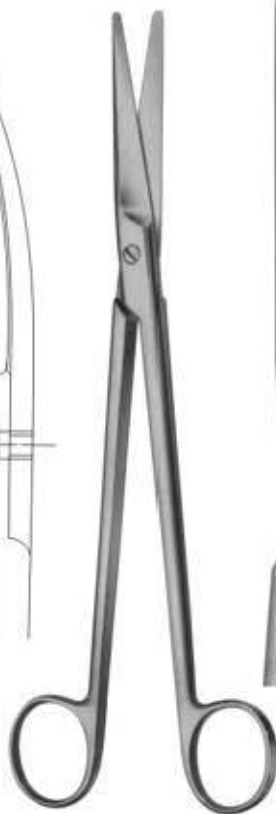


03-193
 Size: 170 mm

03-193 - 194
MAYO-NOBLE
 broad pattern

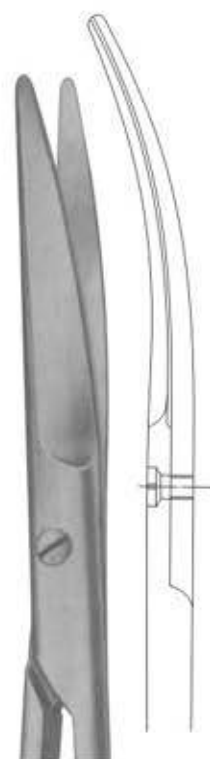


03-194
 Size: 170 mm



03-195
 Size: 230 mm

03-195 - 196
MAYO-HARRINGTON



03-196
 Size: 230 mm

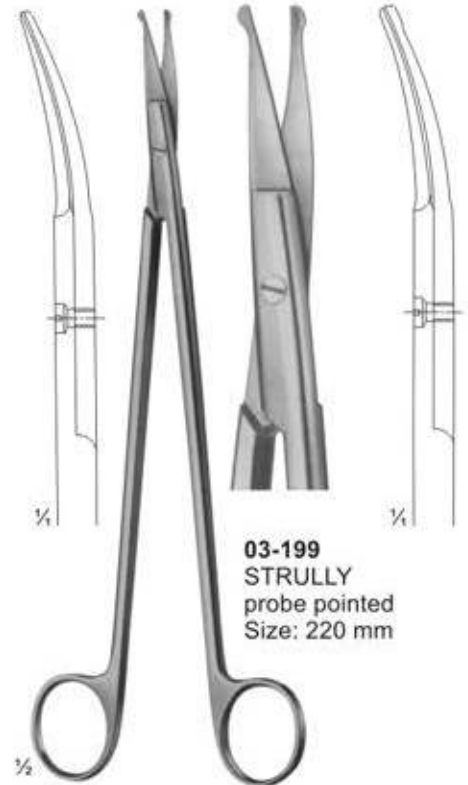
Scissors for Cardiovascular and Neuro-Surgery



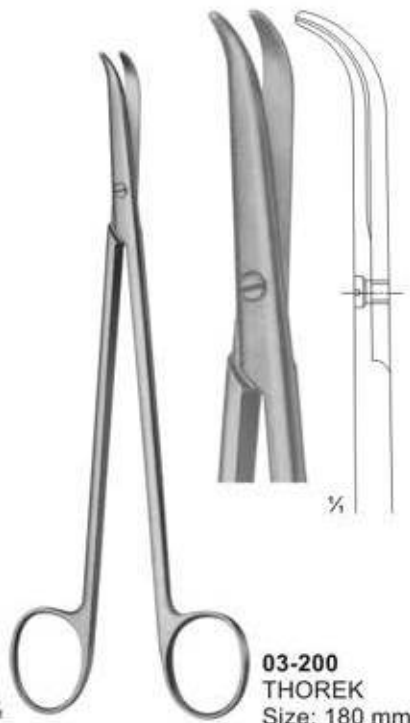
1/2 **03-197**
OLIVECRONA
Dura scissors



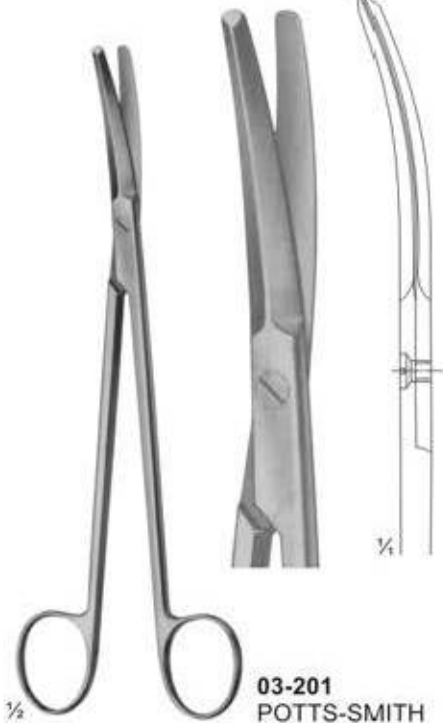
1/2 **03-198**
STRULLY
pointed
Size: 220 mm



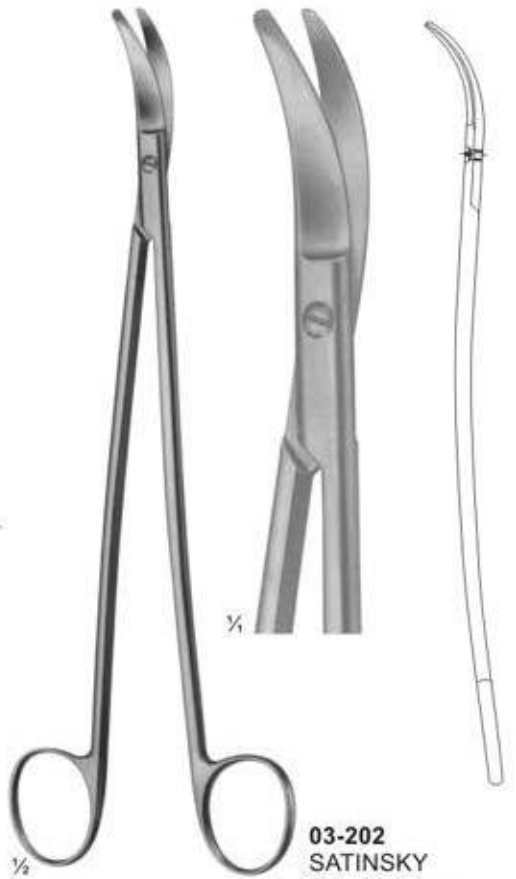
03-199
STRULLY
probe pointed
Size: 220 mm



1/2 **03-200**
THOREK
Size: 180 mm

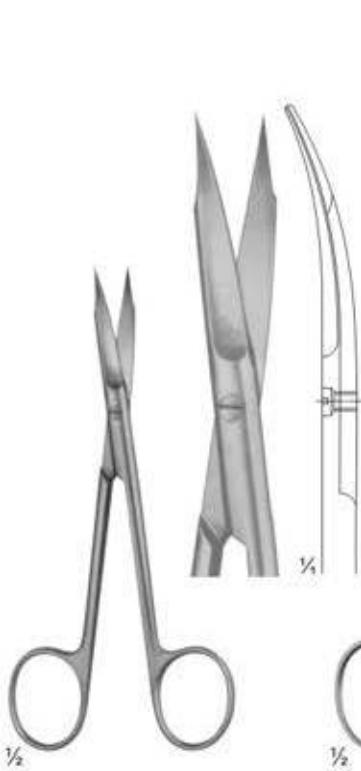


1/2 **03-201**
POTTS-SMITH
Size: 190 mm

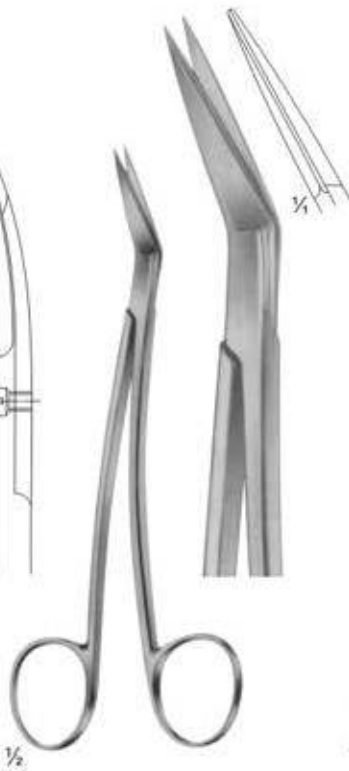


1/2 **03-202**
SATINSKY
Size: 245 mm

Delicate, Nasal and Tonsil Scissors



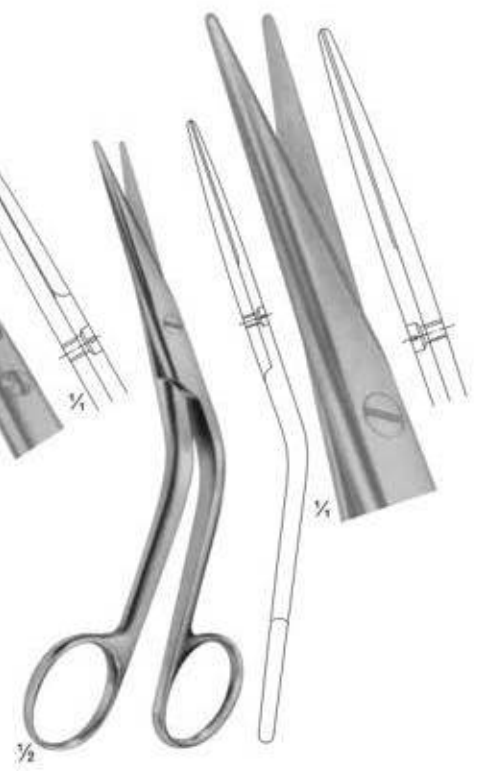
03-203
1 finely toothed blade
Size: 130 mm



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



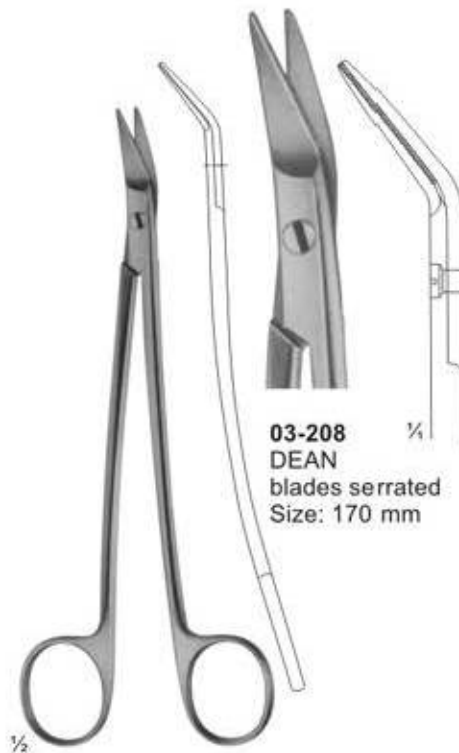
03-205
FOMON
blades serrated
Size: 145 mm



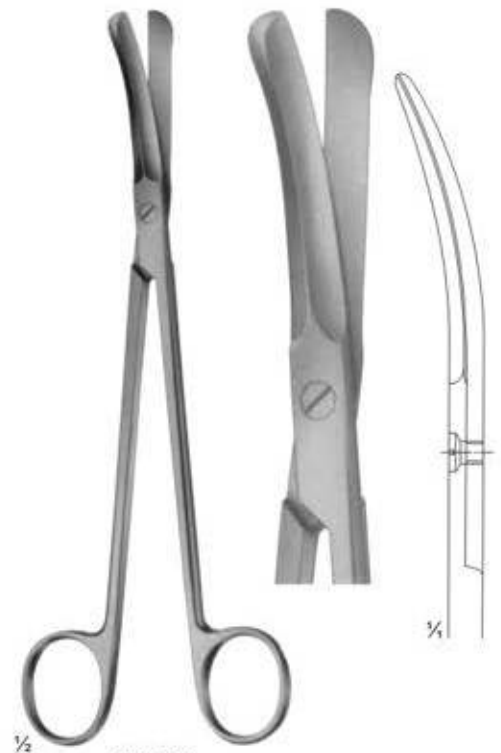
03-206
COTTLE
Size: 165 mm



03-207
HEYMANN-KNIGHT
Size: 175 mm

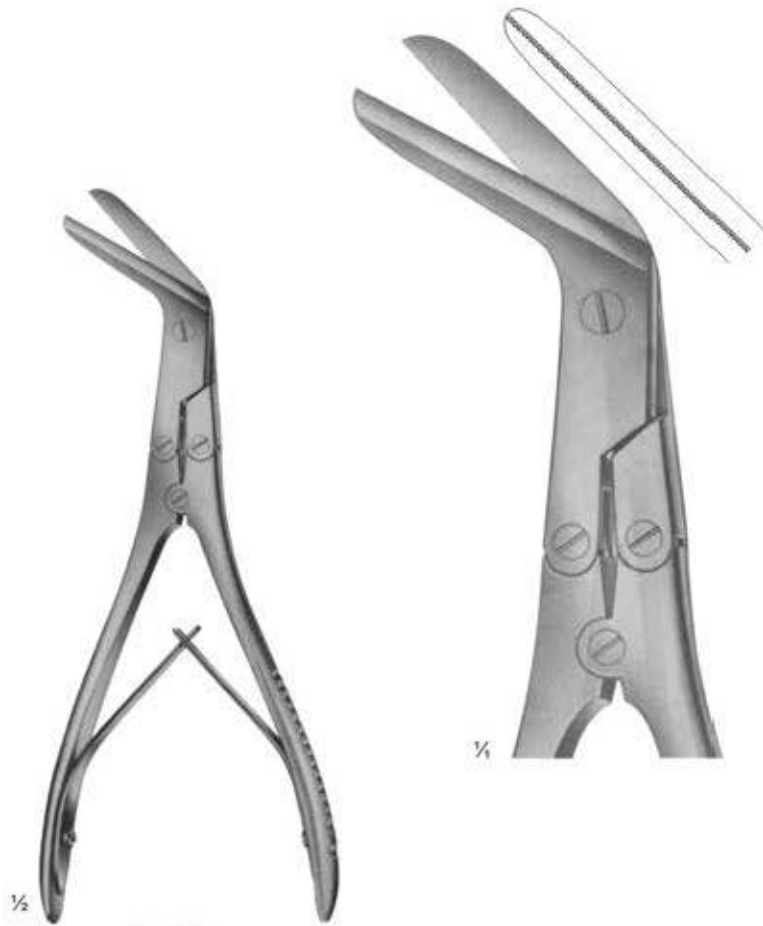


03-208
DEAN
blades serrated
Size: 170 mm



03-209
GOOD
Size: 195 mm

Bone Shears



03-210
KILLIAN
Size: 200 mm



03-211 - 03-212



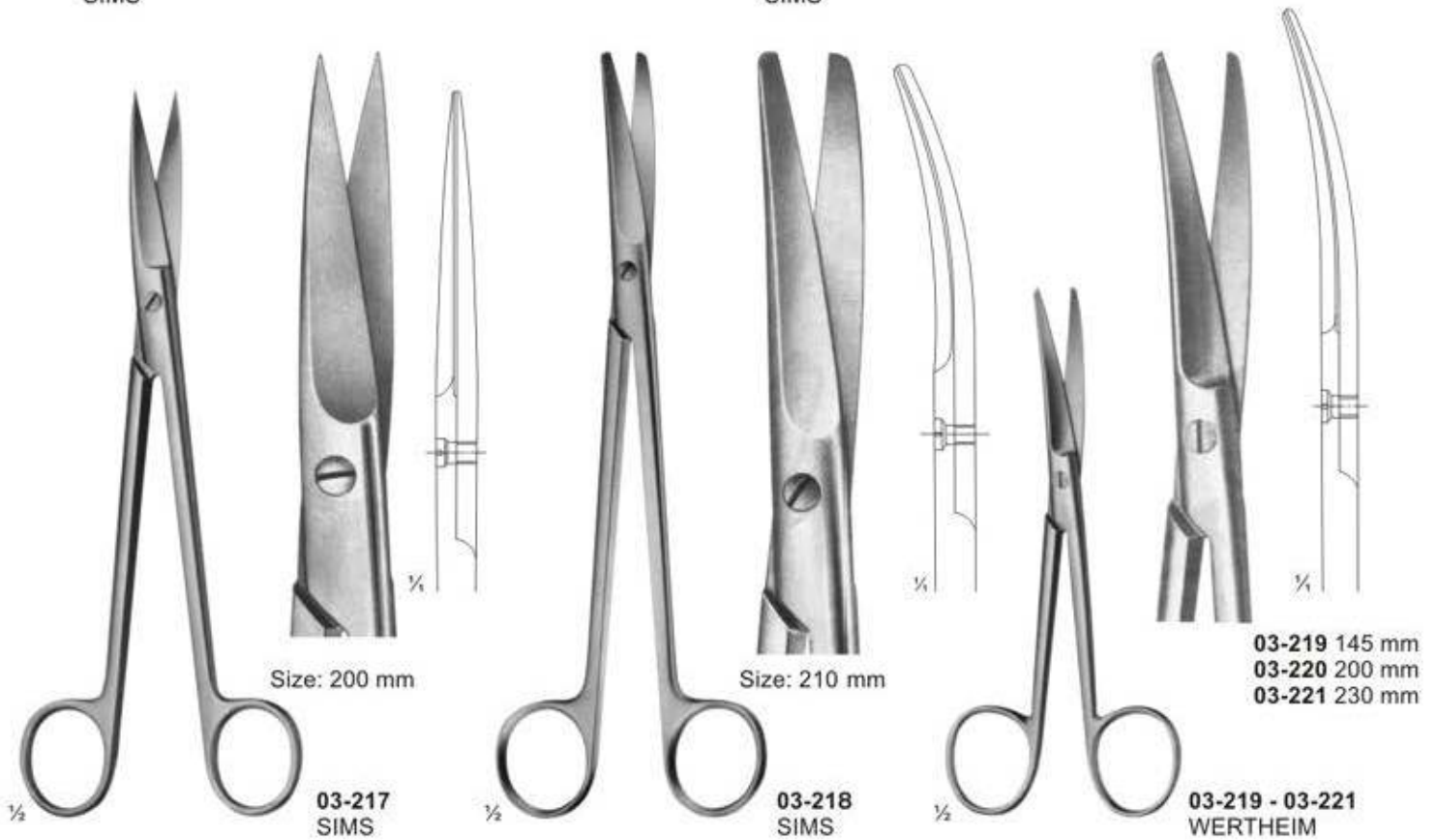
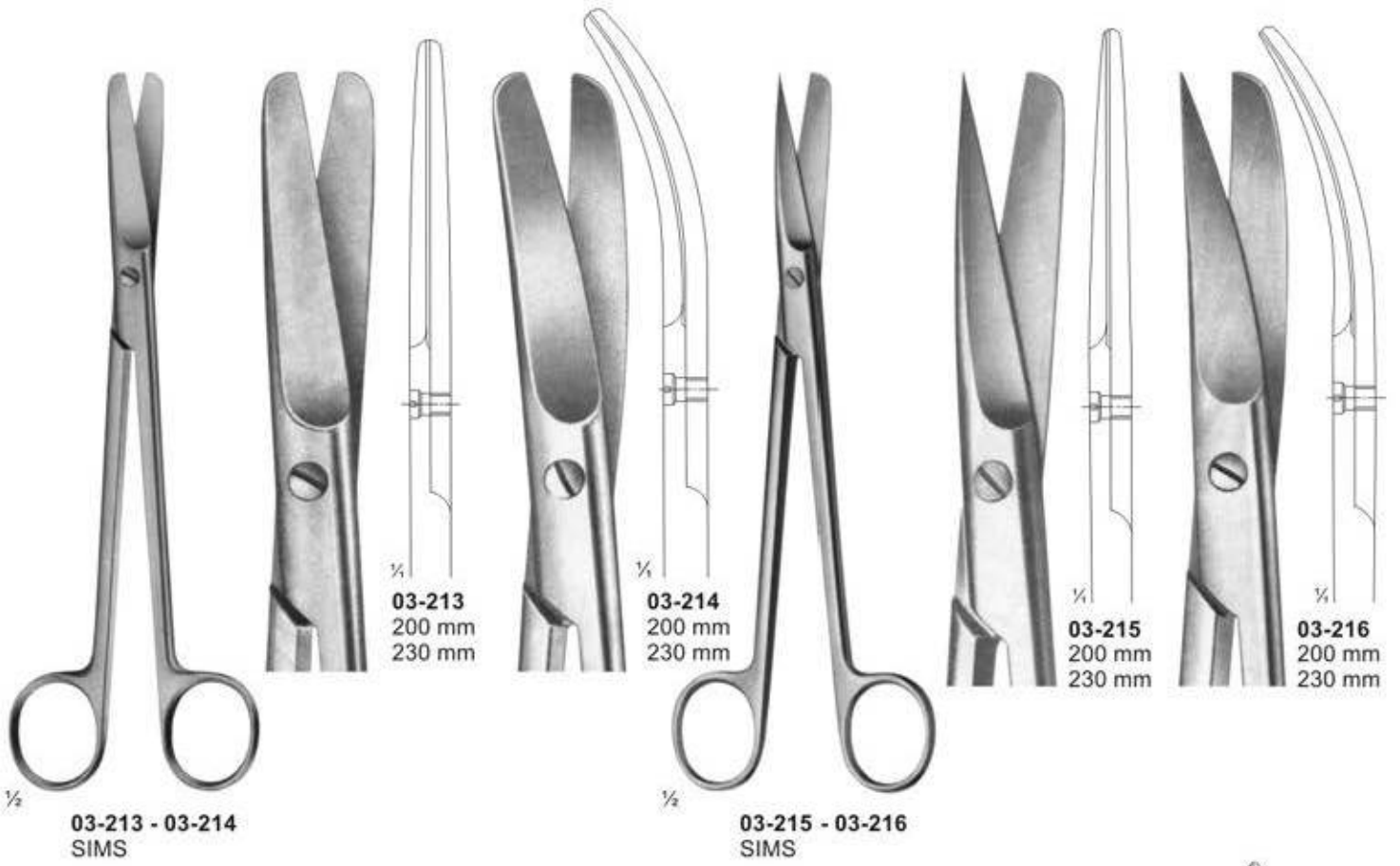
03-211
195 mm



03-212
225 mm



Scissors for deep operations and for Gynaecology



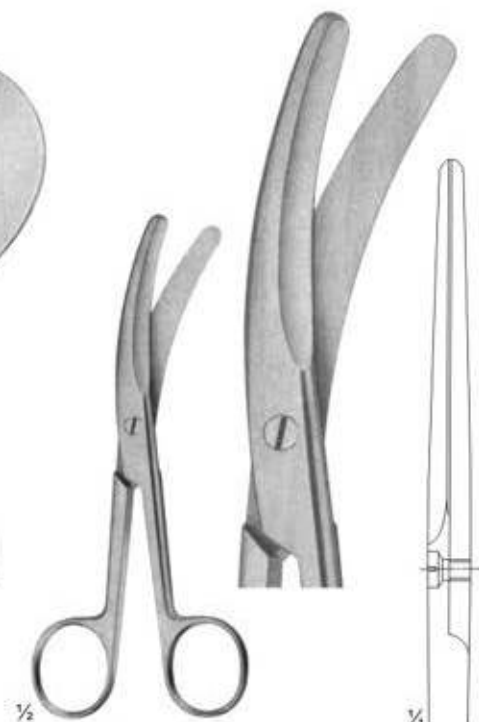
Scissors for Obstetrics



03-222
SCHUMACHER
 Umbilical cord scissors
 Size: 155 mm



03-223
 Umbilical cord scissors
 Size: 105 mm



03-224
 Umbilical cord scissors



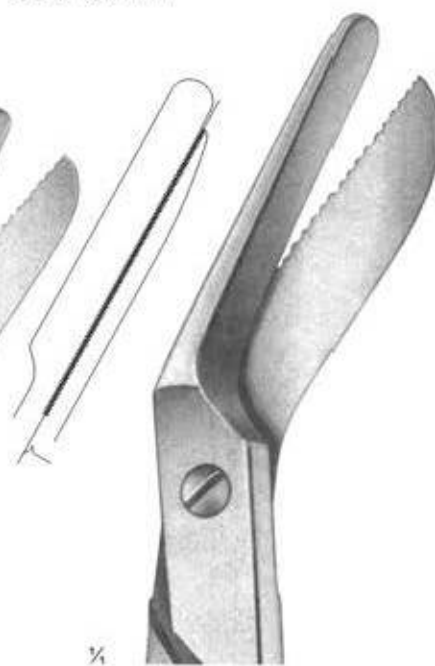
135 mm



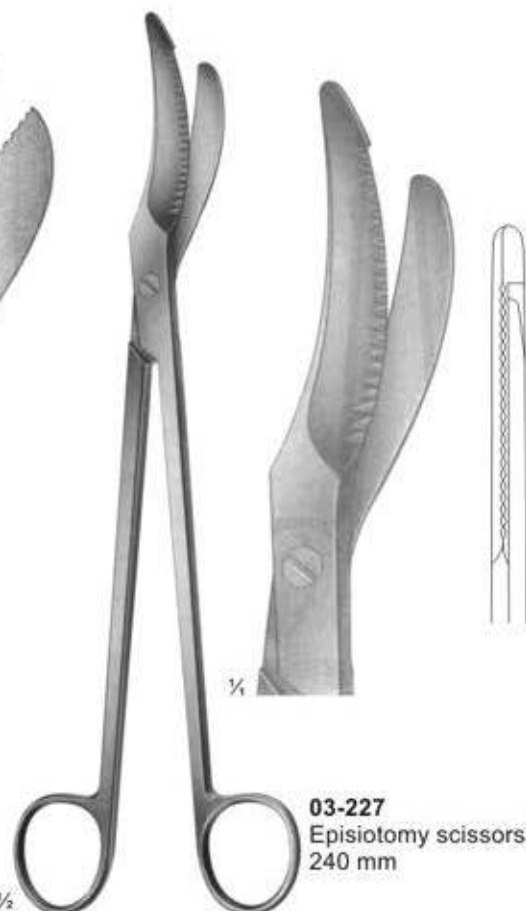
03-225 - 03-226
BRAUN-STADLER
 Episiotomy scissors



03-225
 145 mm



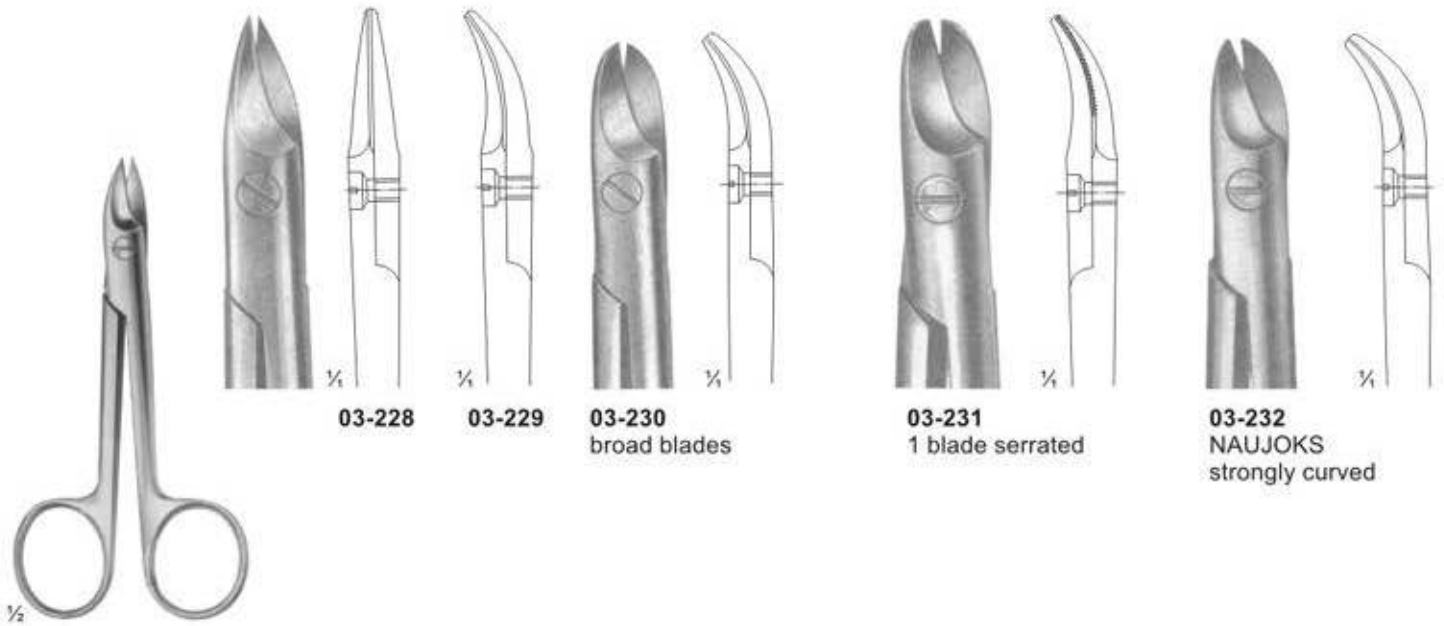
03-226
 200 mm



03-227
 Episiotomy scissors
 240 mm



Wire and Plate Scissors



03-228

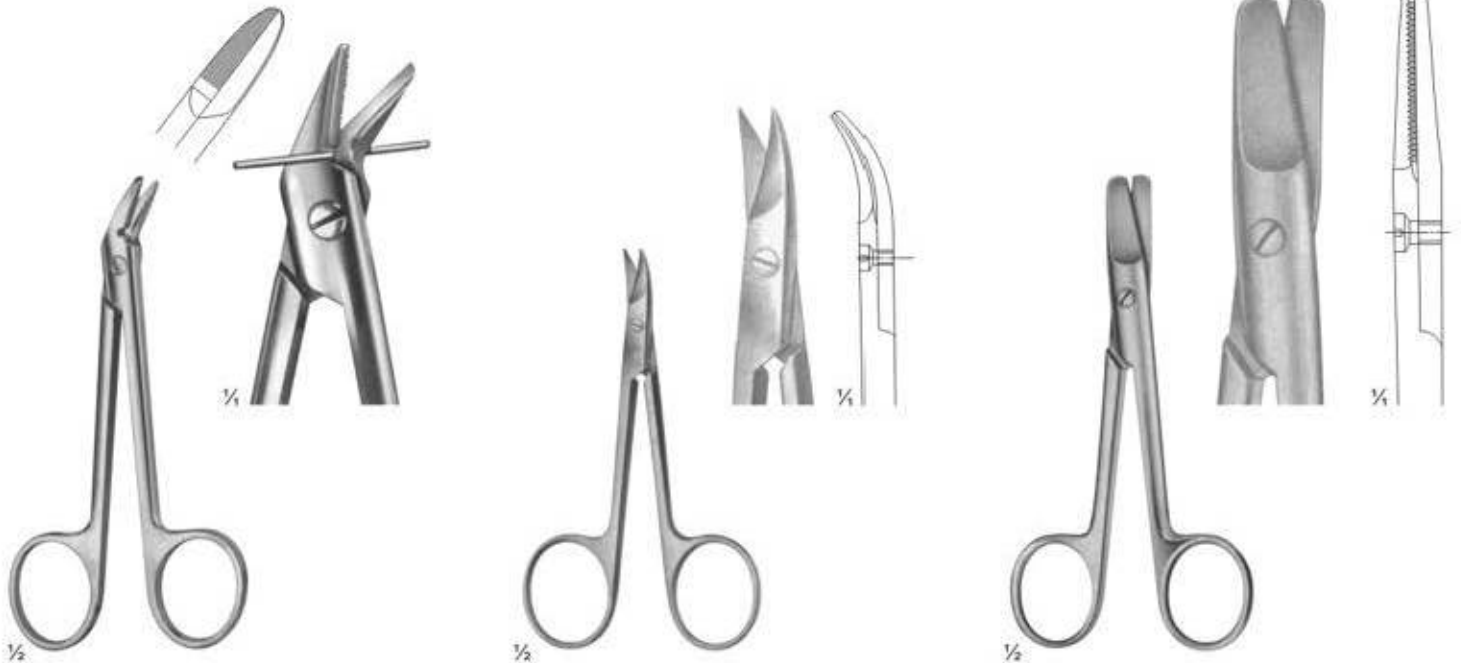
03-229

03-230
broad blades

03-231
1 blade serrated

03-232
NAUJOKS
strongly curved

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



03-233
1 blade serrated
Size: 120 mm

03-234
STRACK
Size: 100 mm

03-235
HARVEY
blades serrated
Size: 125 mm

Bandage and Cloth Scissors



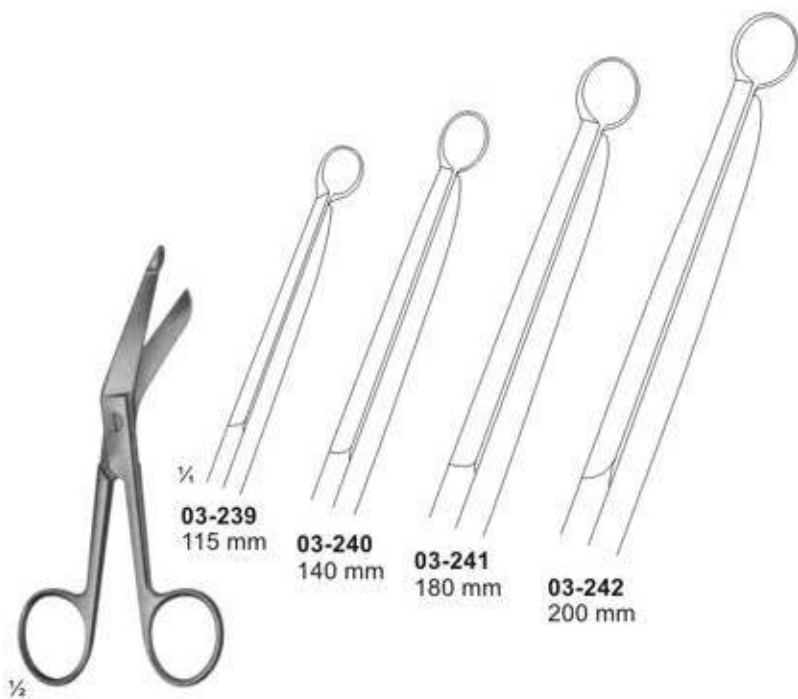
03-236
 Universal bandage and cloth scissors,
 with toothed edges
 180 mm



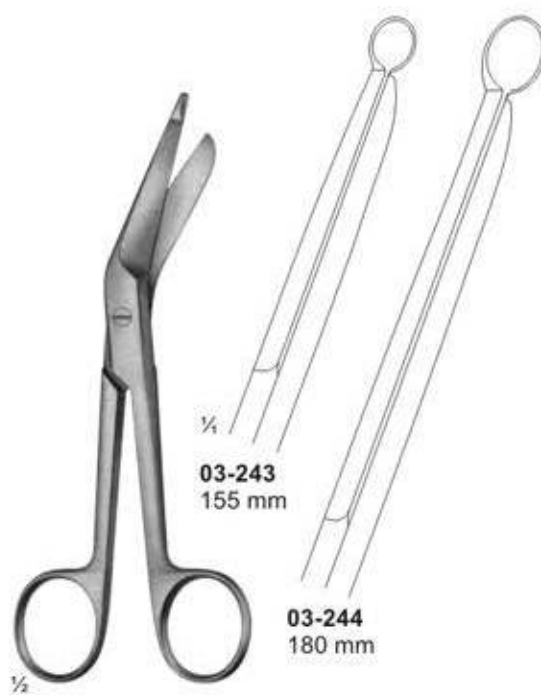
03-237
 LISTER
 Universal bandage and cloth scissors,
 with toothed edges
 Size: 145 mm



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



03-239 - 03-242
 LISTER

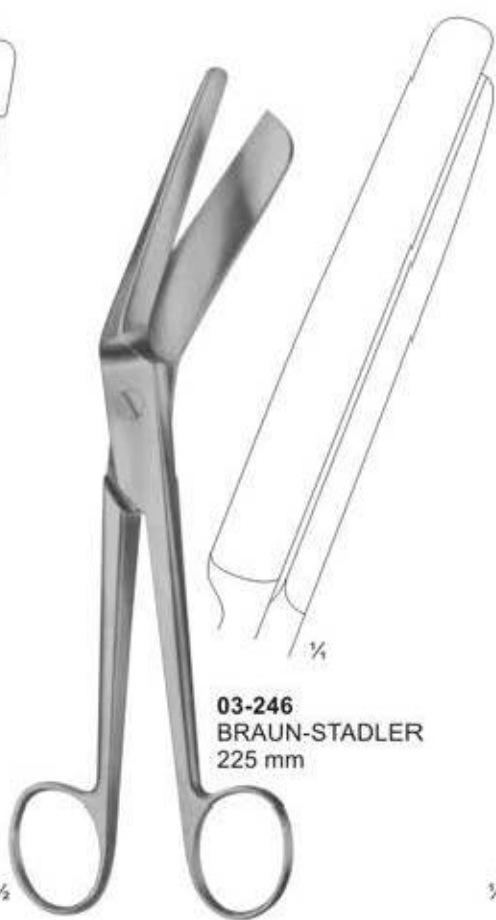


03-243 - 03-244
 LISTER

Bandage-, Cloth-, and Plaster Scissors



03-245
CLOTH SCISSORS
205 mm



03-246
BRAUN-STADLER
225 mm



03-247
SEUTIN
230 mm



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

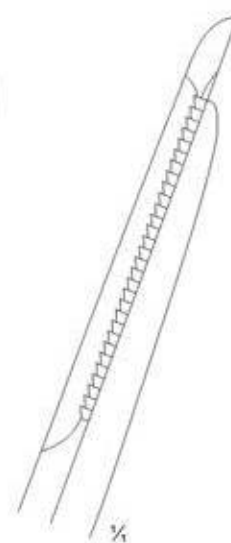
03-248 - 03-249
ESMARCH



03-250
BRUNS
235 mm



03-251
Bandage Scissors
235 mm



Forceps for grasping tissue, tumors etc.



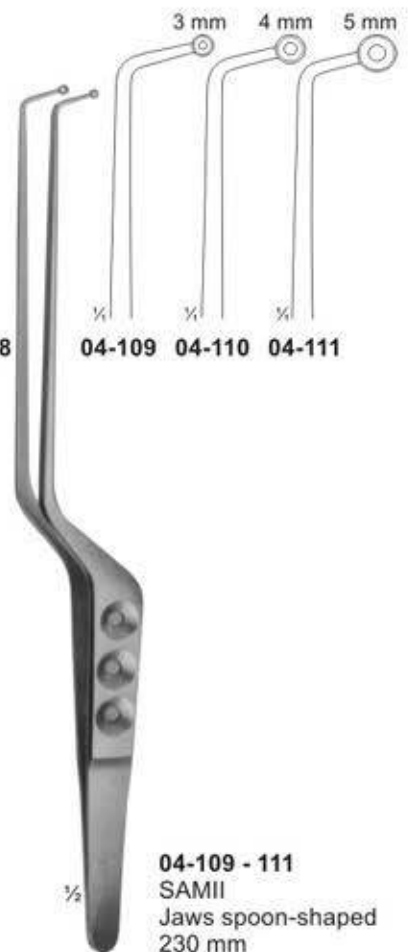
04-101 - 103
YASARGIL-SAMII
Jaws spoon-shaped
240 mm



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



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



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



04-112
HUNT
Tumor and
vessel forceps
200 mm



04-113
HUNT
Tumor and
vessel forceps
200 mm



04-114
YASARGIL
Tumor and
vessel forceps
200 mm

Delicate Dissecting, Microscopic, Sterilizing Forceps



04-115
THORPE
 Corneal forceps
 120 mm



04-116
MICRO-ADSON
 120 mm



04-117
ADSON
 120 mm



04-118
MICRO-ADSON
 150 mm



04-119 - 121
 100 mm



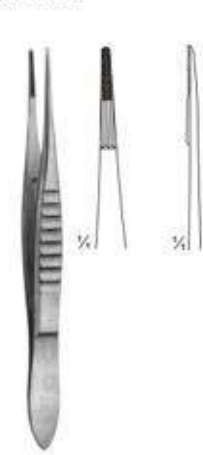
04-119



04-120



04-121



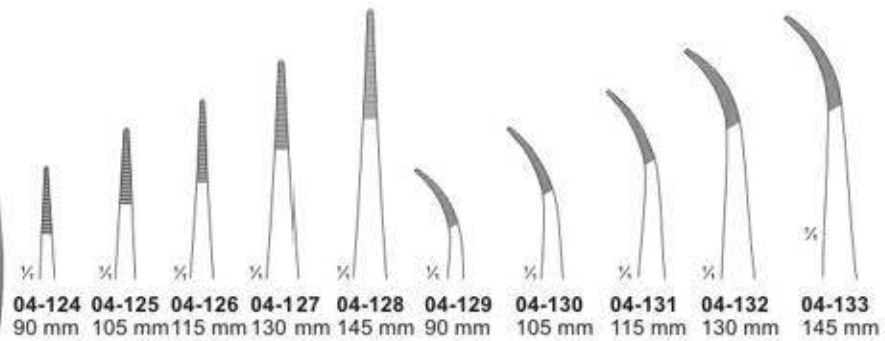
04-122
BONACCOLTO
 110 mm



04-123
 115 mm



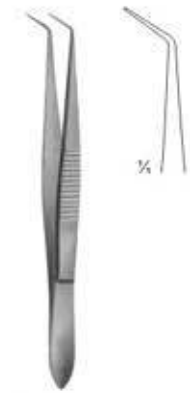
04-124 - 133



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



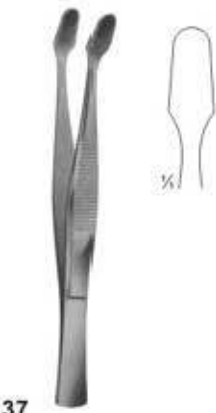
04-134
 100 mm



04-135
 100 mm



04-136
 100 mm

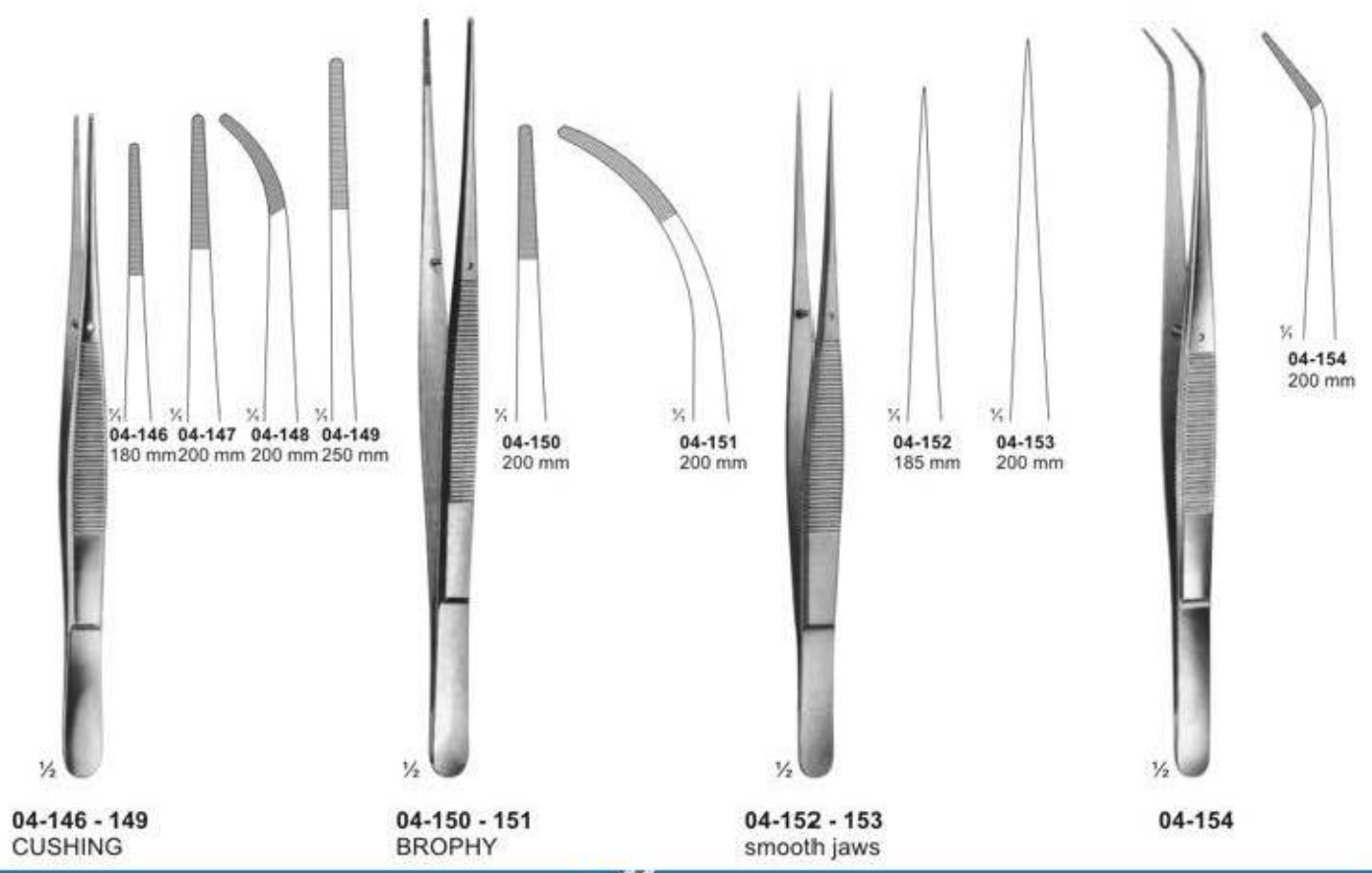
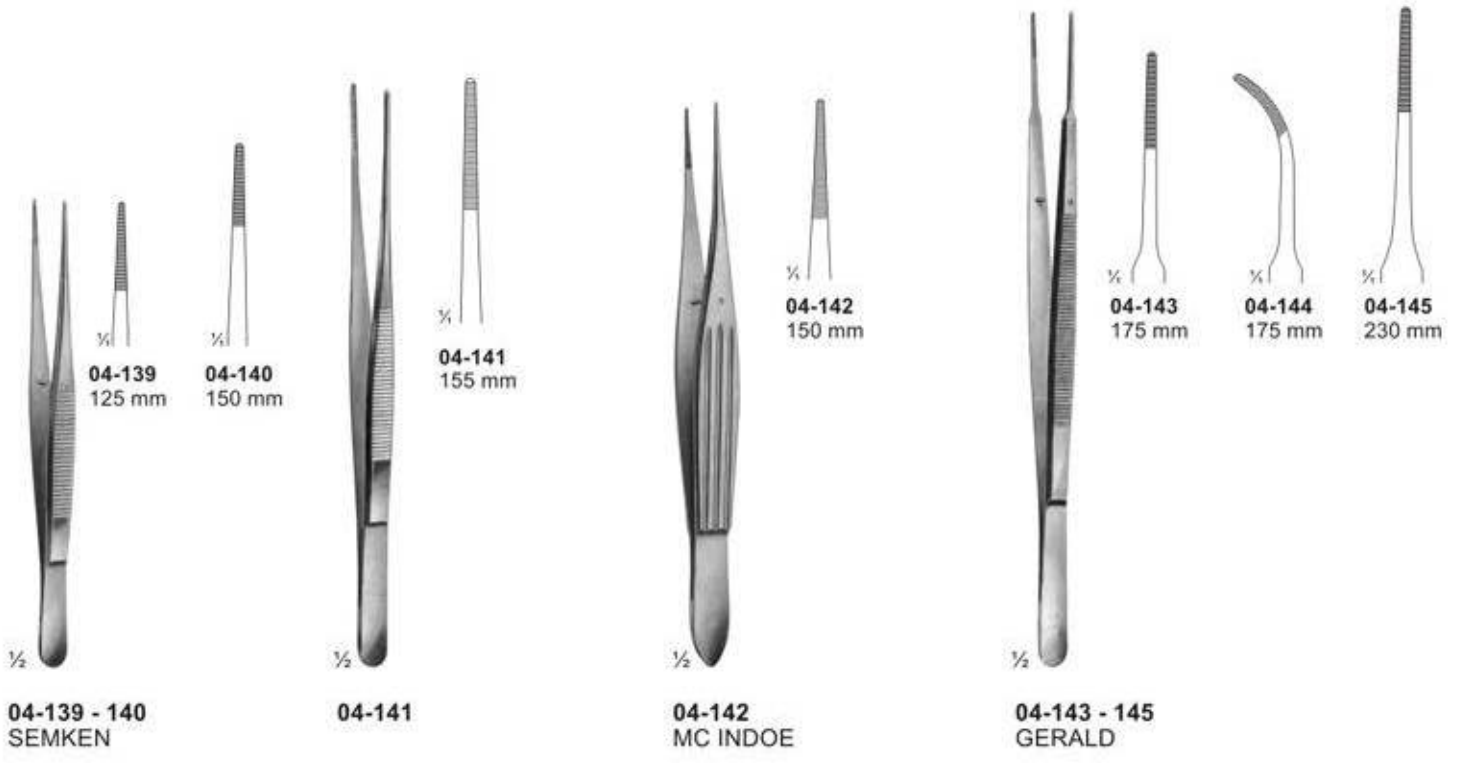


04-137
KUHNE
 Cover glass forceps, 105 mm

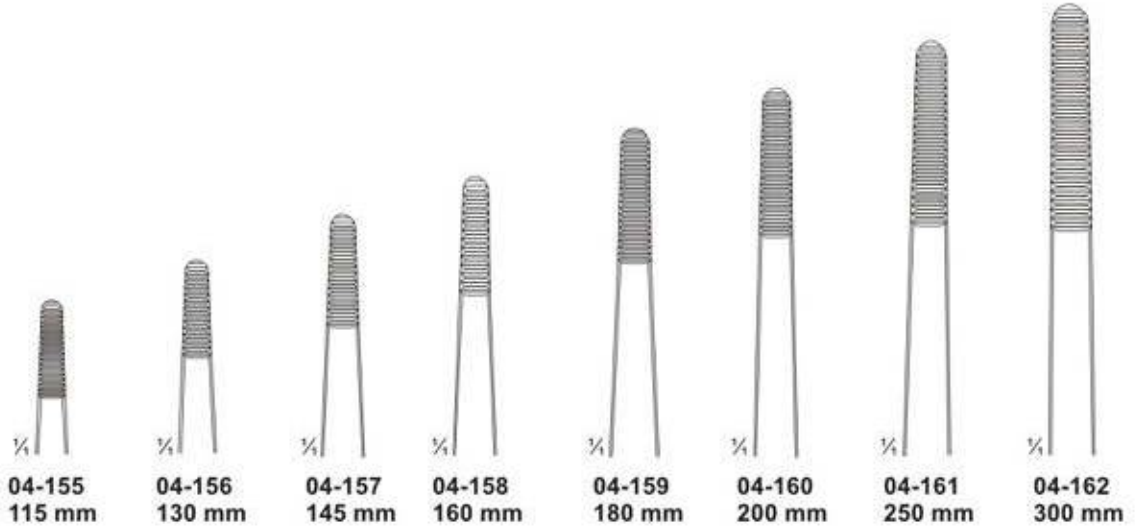


04-138
 160 mm

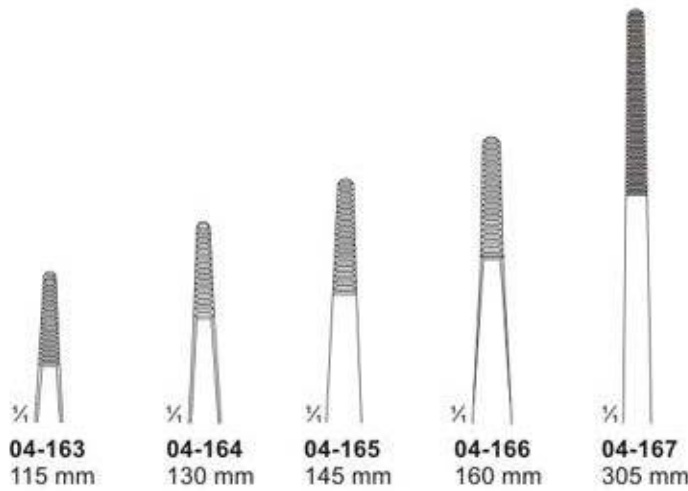
Delicate Dissecting Forceps



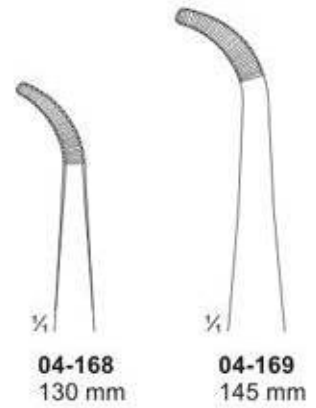
Dissecting Forceps



04-155 - 04-162
STANDARD

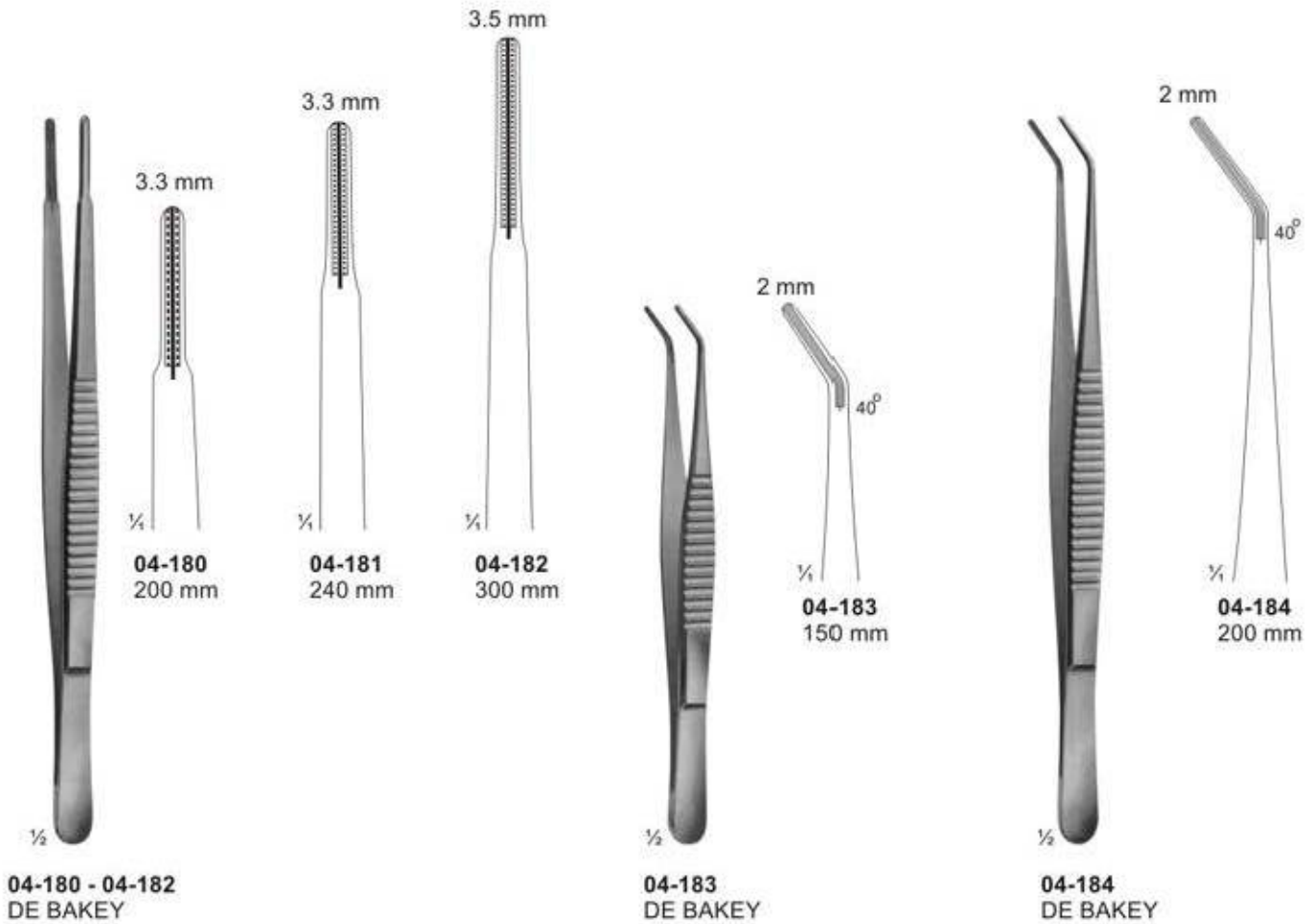
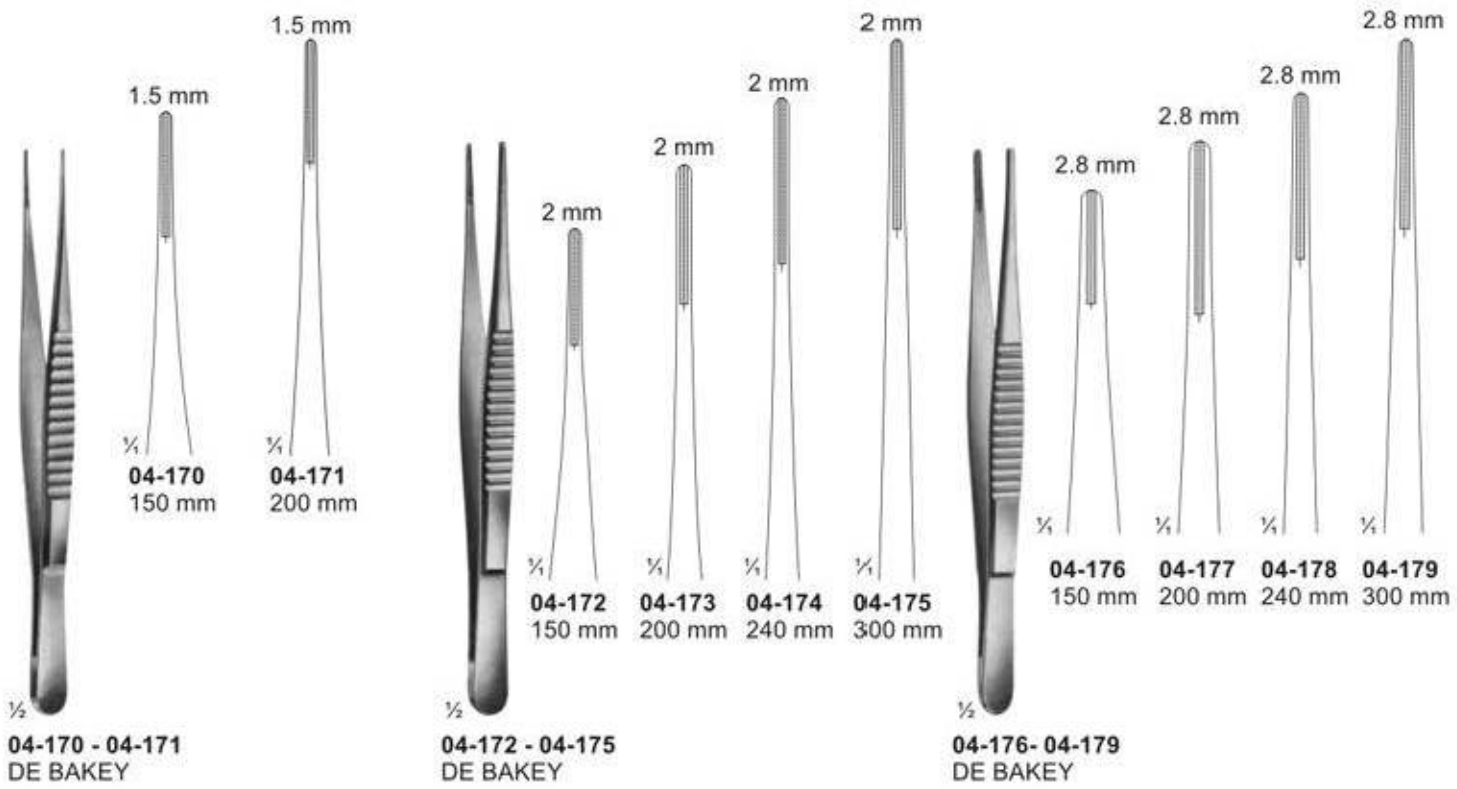


04-163 - 04-167
MEDIUM



04-168 - 04-169
MEDIUM

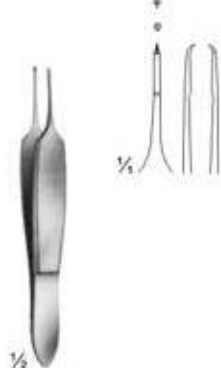
Forceps



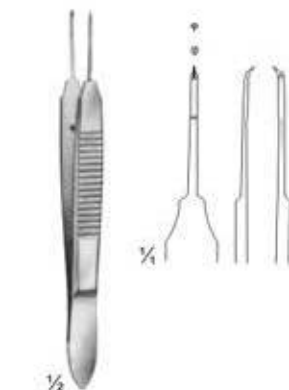
Delicate Tissue Forceps



04-185
BISHOP-HARMON
85 mm



04-186
ST.MARTIN
80 mm



04-187
CASTROVIEJO
teeth 0.9 mm
100 mm



04-188
CASTROVIEJO
teeth 0.5 mm
100 mm



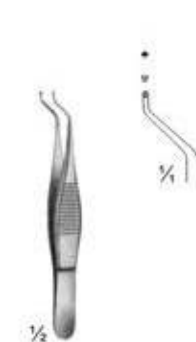
04-189
ELSCHING
110 mm



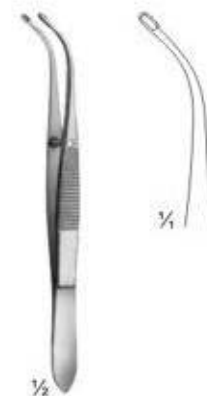
04-190
GILL
75 mm



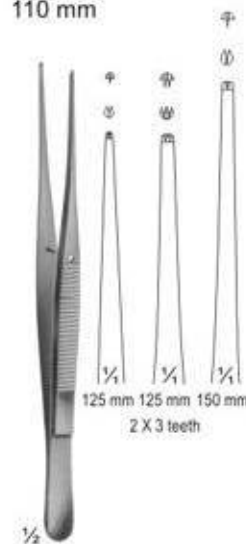
04-191
GILL - HESS
75 mm



04-192
HESS
70 mm



04-193
ARRUGA
100 mm



04-194
SEMKEN



04-195
MICRO-ADSON
120 mm



04-196
ADSON
120 mm



04-197
ADSON
120 mm

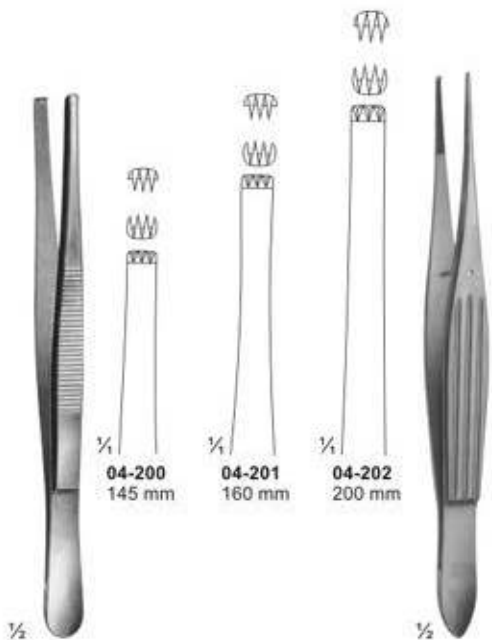


04-198
ADSON
120 mm



04-199
ADSON
150 mm

Tissue Forceps



04-200 145 mm
04-201 160 mm
04-202 200 mm

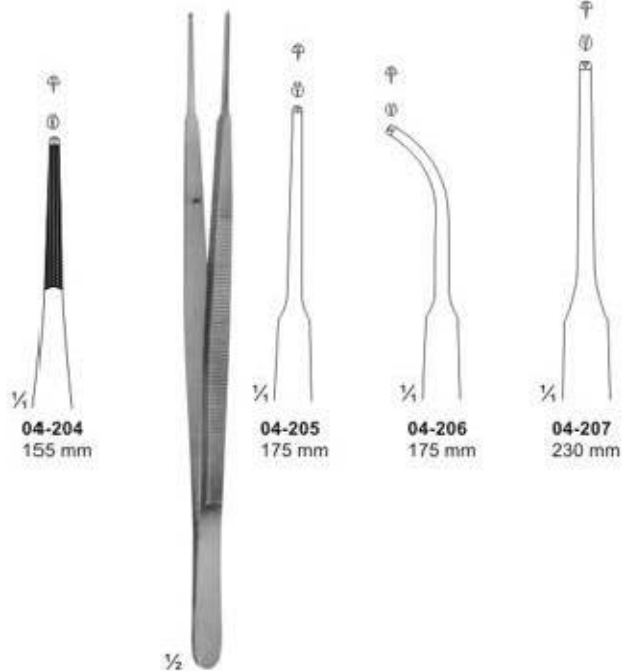
04-200 - 04-203
3x4 teeth



04-203 150 mm

04-203
MC INDOE

04-204
GILLIES



04-204 155 mm

04-205 175 mm

04-206 175 mm

04-207 230 mm

04-205 - 04-207
GERALD



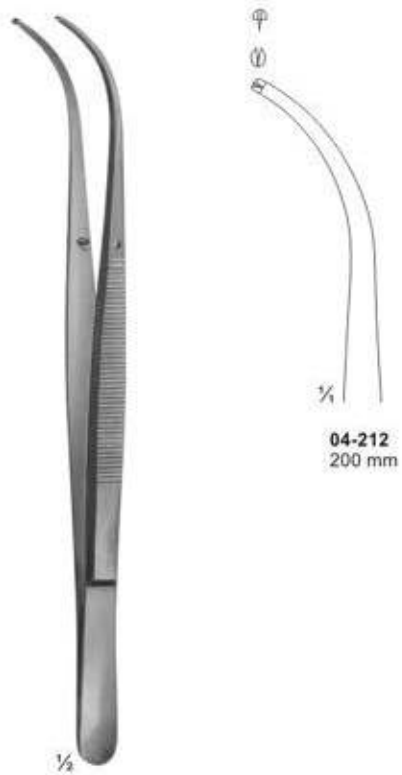
04-208 180 mm

04-209 200 mm

04-210 250 mm

04-211 305 mm

04-208 - 04-211
WAUGH



04-212 200 mm

04-212
BROPHY

Tissue Forceps



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



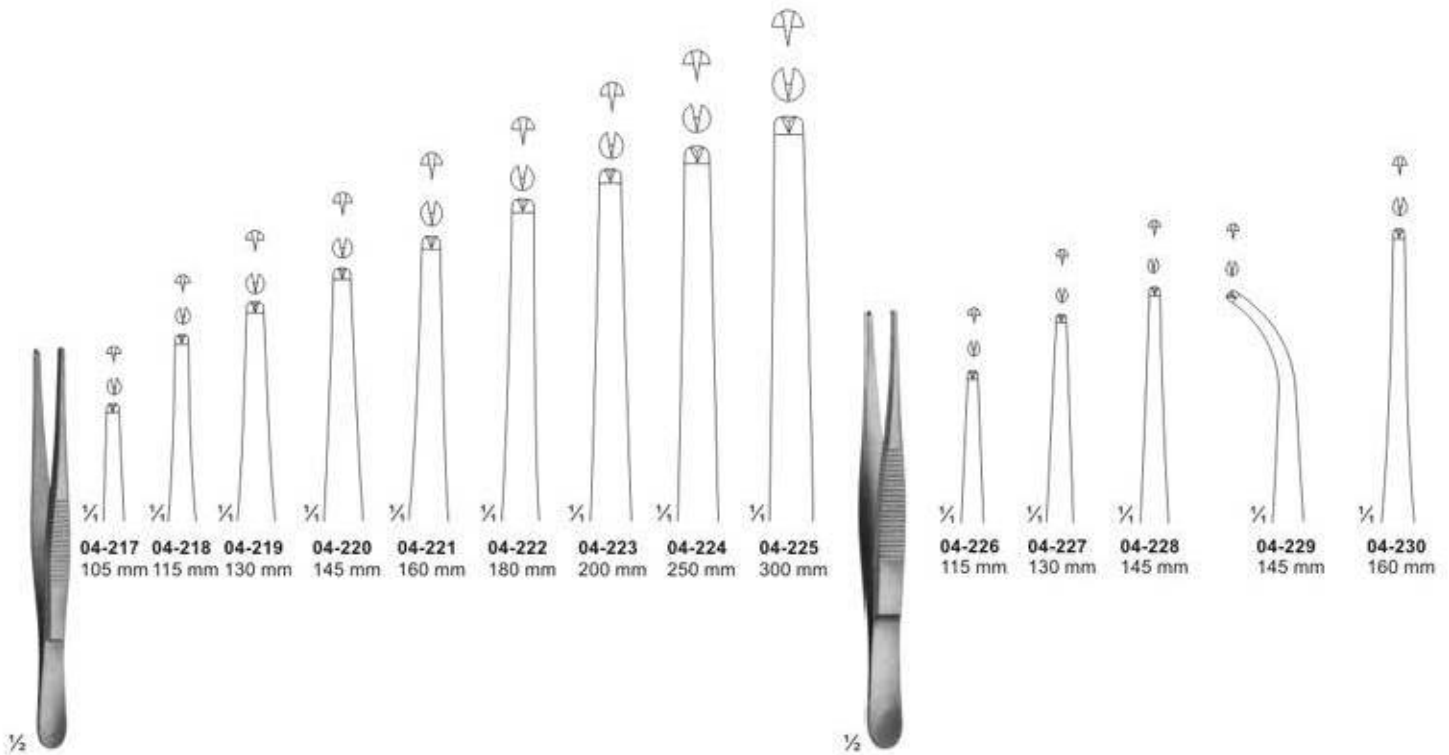
**04-214
BROWN**
120 mm



**04-215
GRAEFE**
110 mm



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



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

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

Forceps, Bayonet - Shaped

INSTRUMENTS CO.



04-231
LUCAE
140 mm



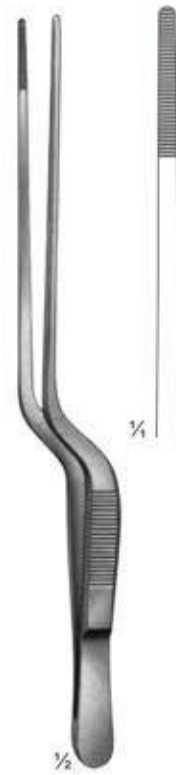
04-232
LUCAE
1x2 teeth
140 mm



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



04-234
JANSEN
160 mm



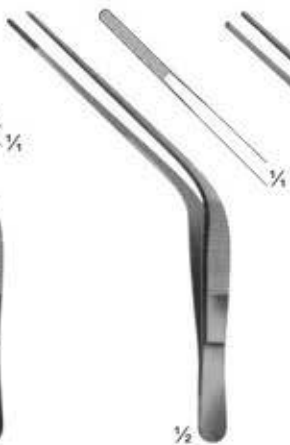
04-235
GRUENWALD
200 mm



04-236
1x2 teeth
200 mm



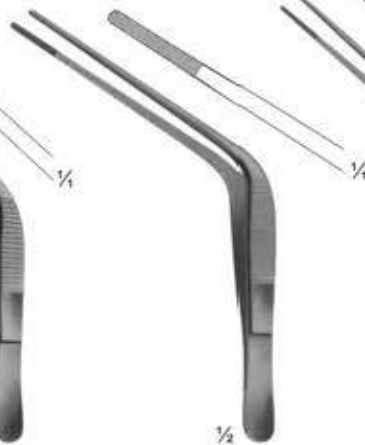
04-237
TROELTSCH
100 mm



04-238
TROELTSCH
115 mm



04-239
TROELTSCH
1X2 teeth
115 mm



04-240
WILDE
115 mm

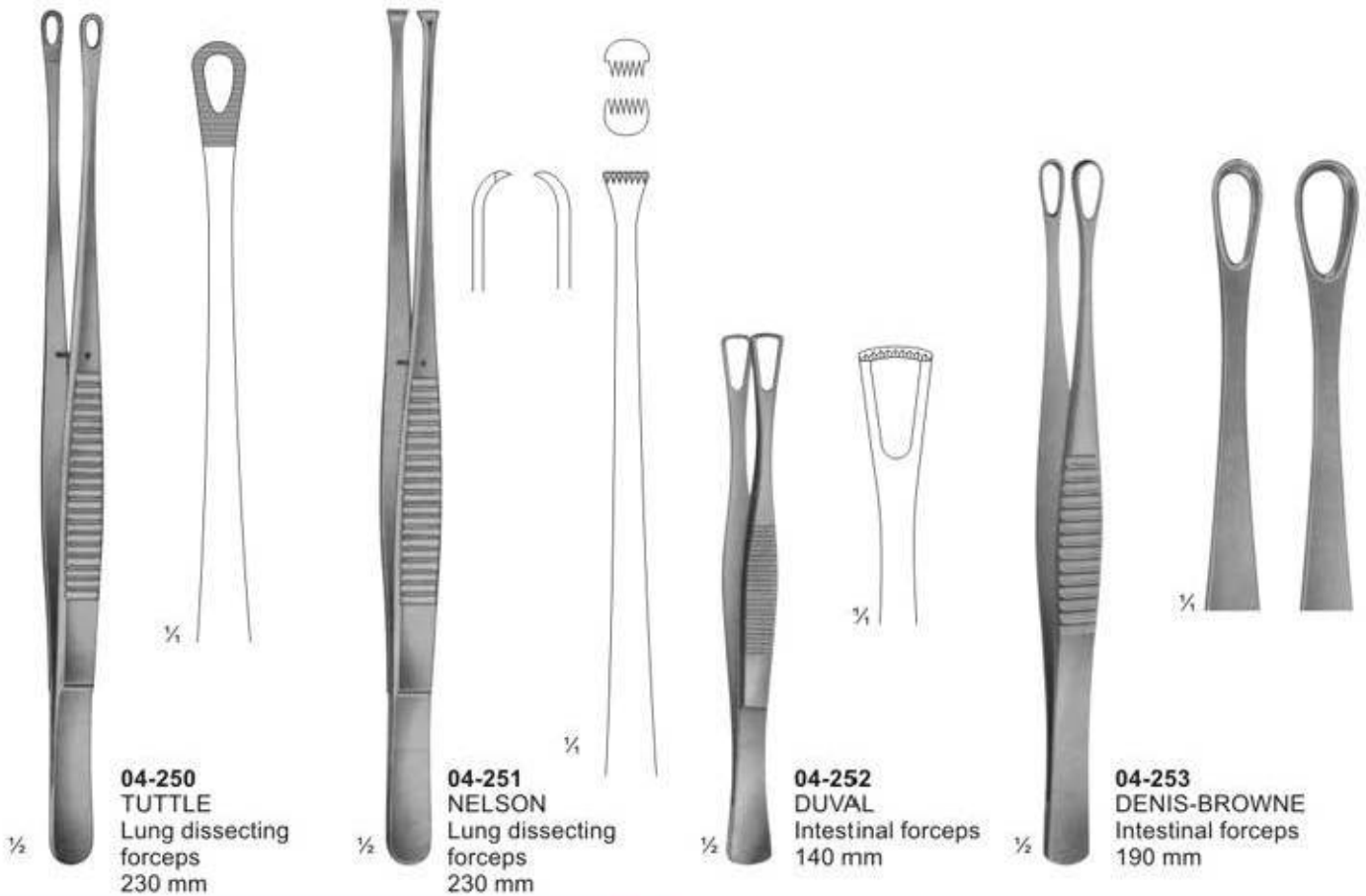
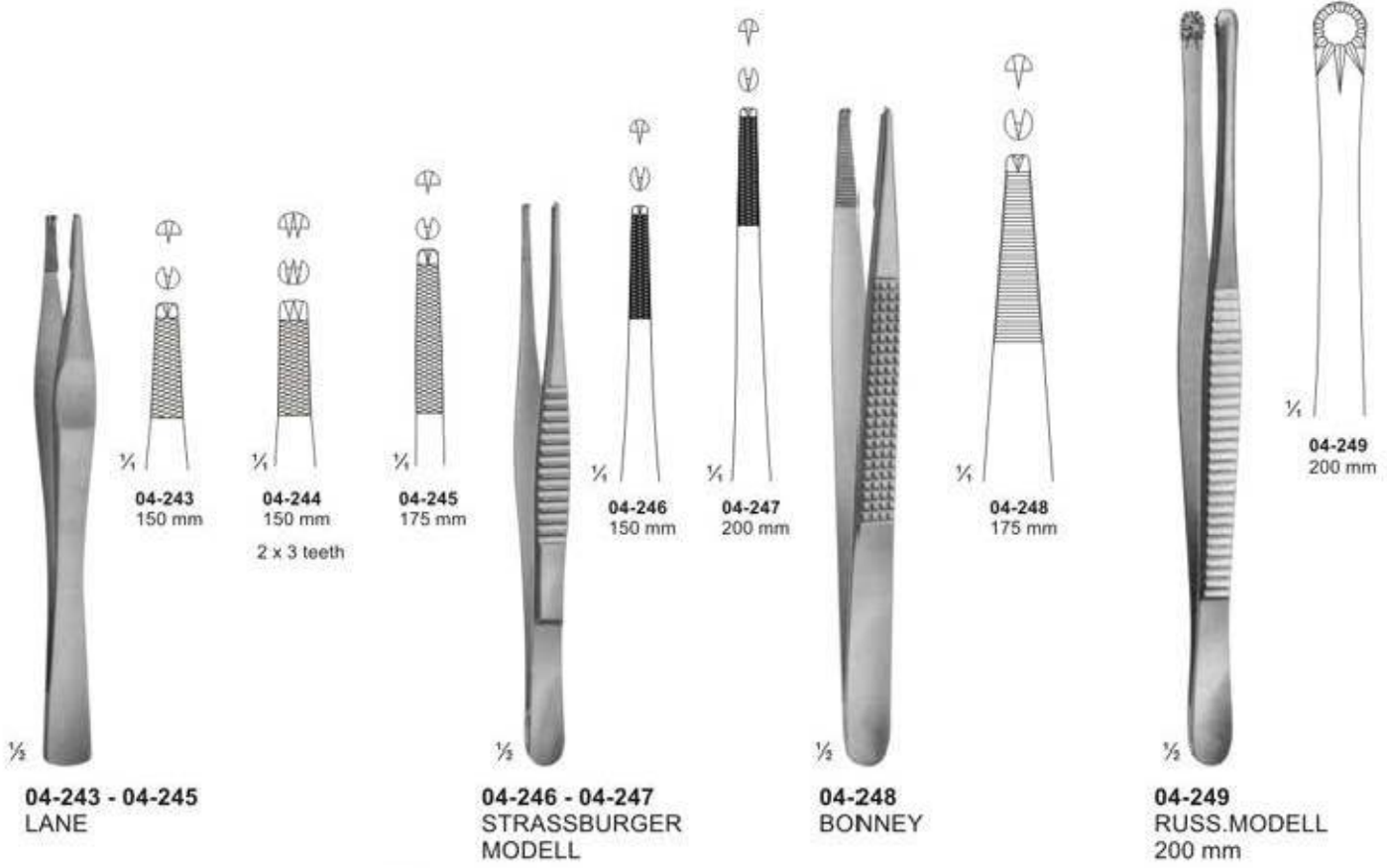


04-241
TROELTSCH
Cross action
120 mm

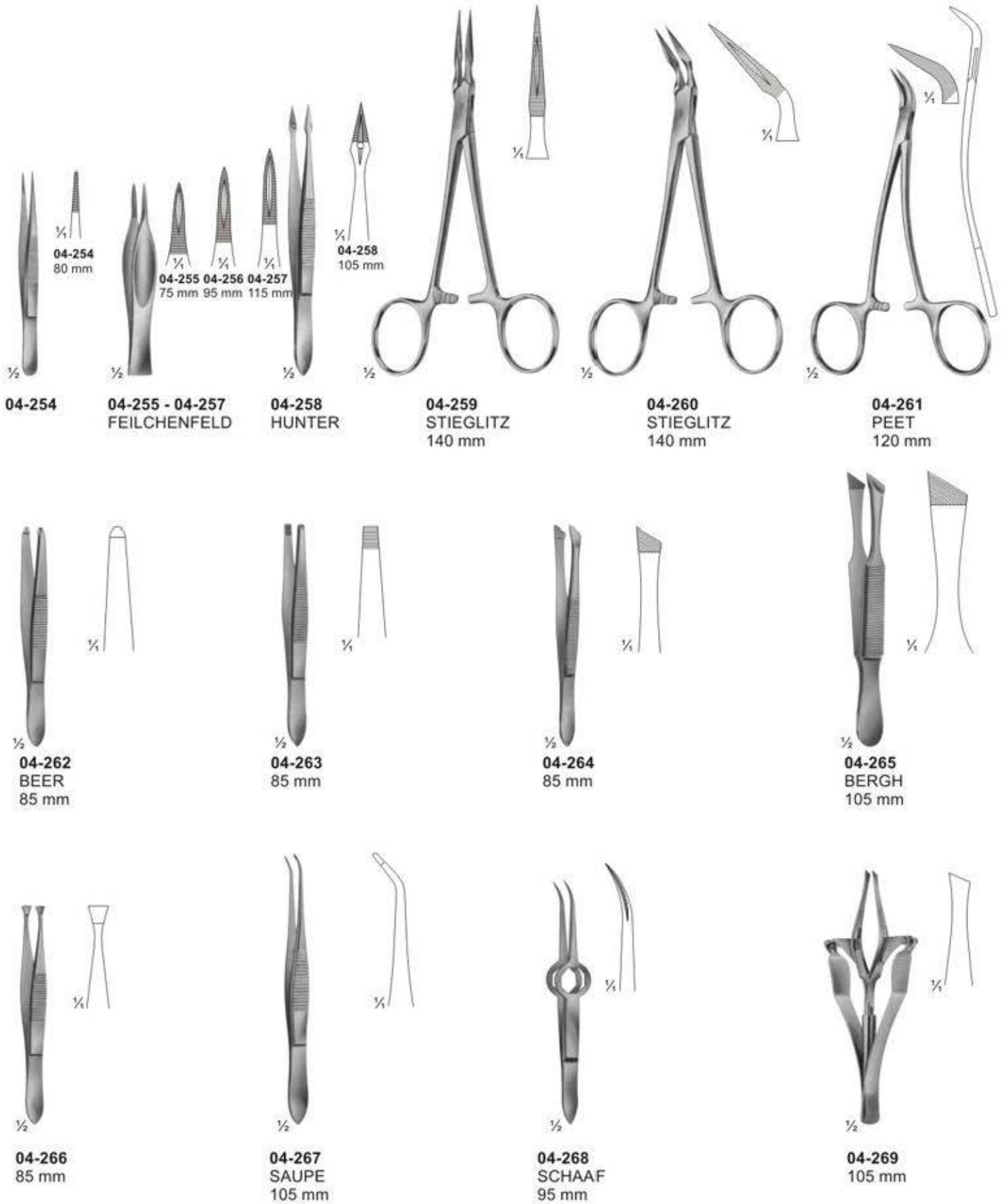


04-242
TROELTSCH
140 mm

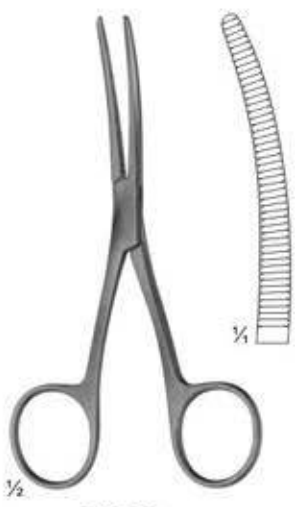
Tissue Forceps, Lung Dissecting Forceps



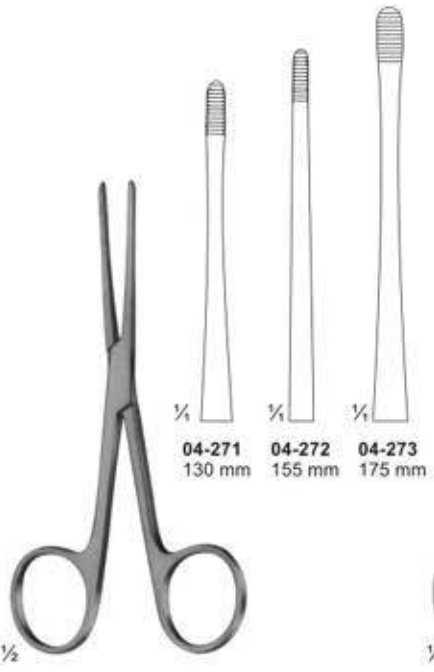
Splinter and Cilia Forceps



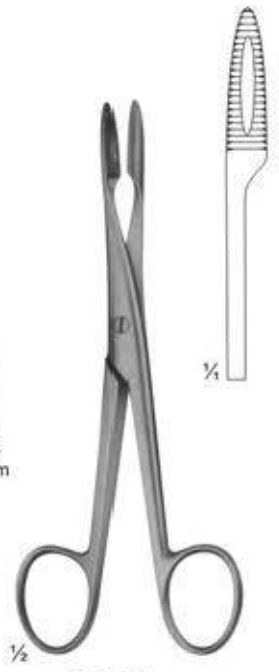
Sponge and Dressing Forceps



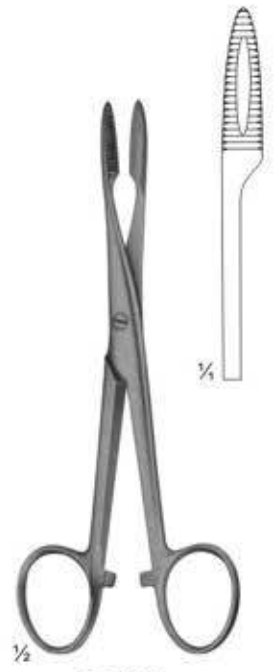
04-270
BRYANT
130 mm



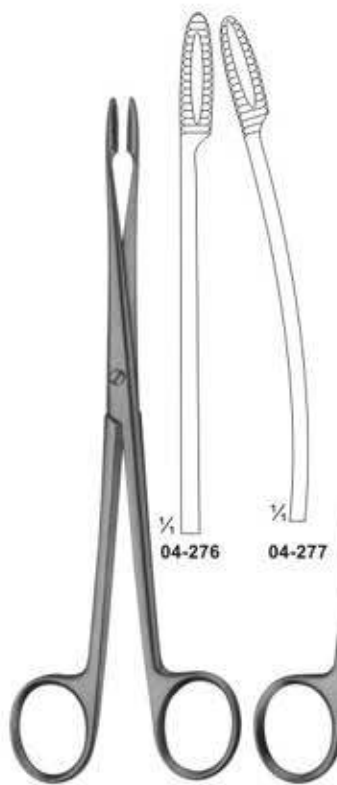
04-271 - 04-273
LISTER
Sinus forceps



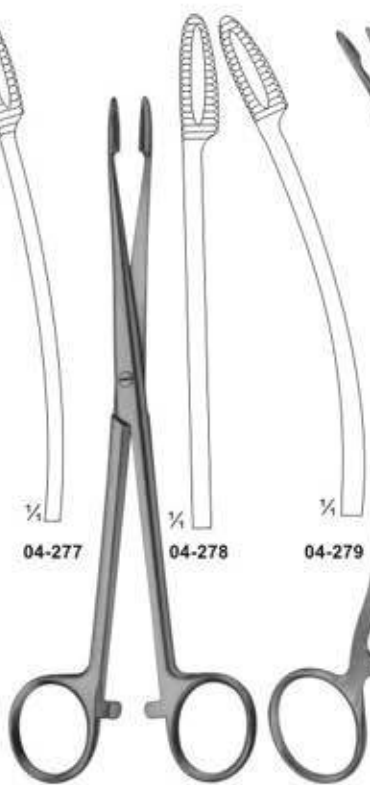
04-274
without ratchet
145 mm



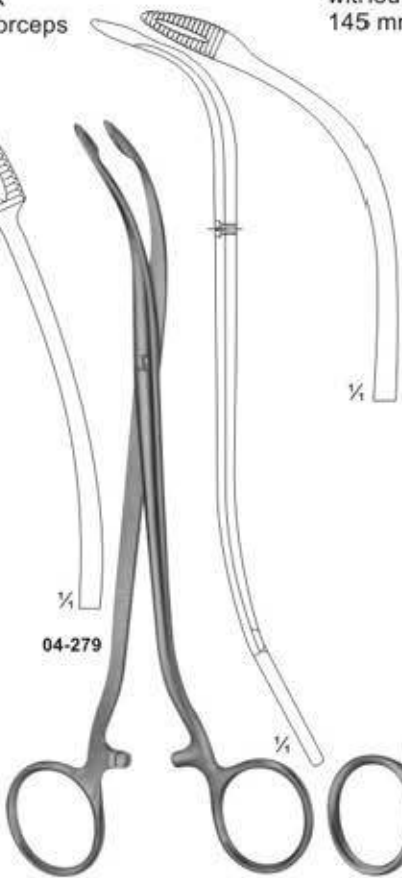
04-275
with ratchet
145 mm



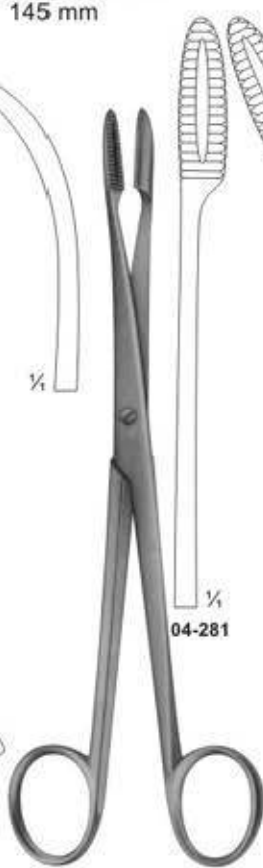
04-276 - 04-277
GROSS
without ratchet
180 mm



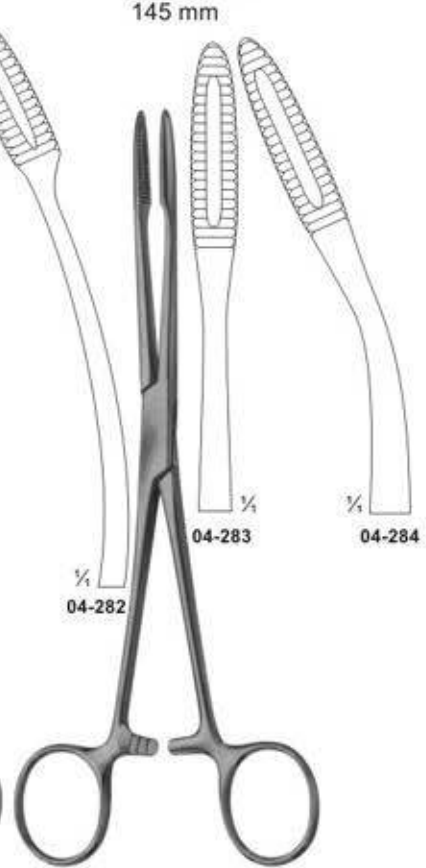
04-278 - 04-279
GROSS
with ratchet
180 mm



04-280
DUPLAY
190 mm

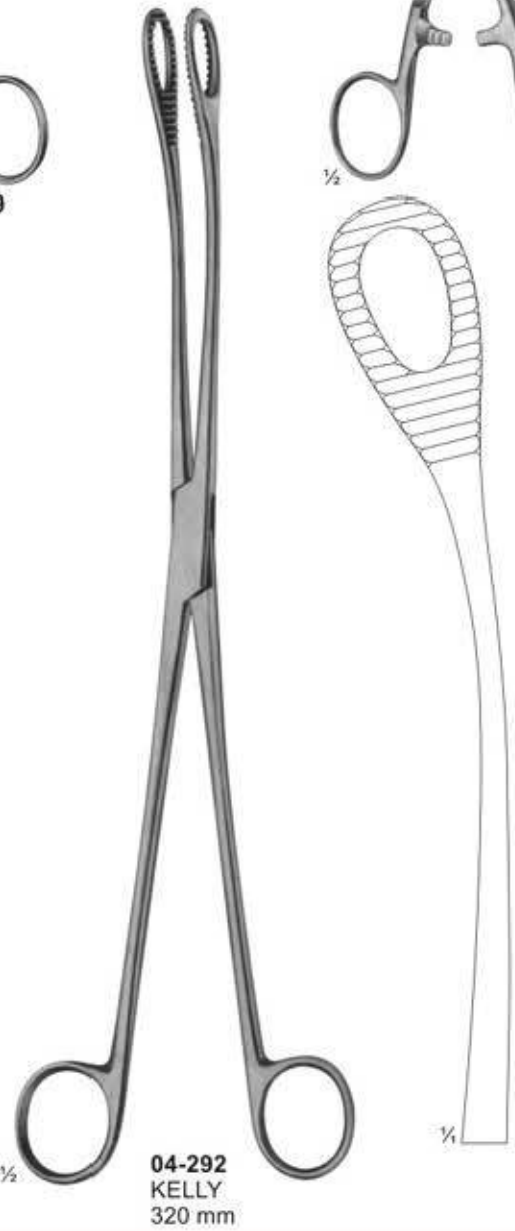
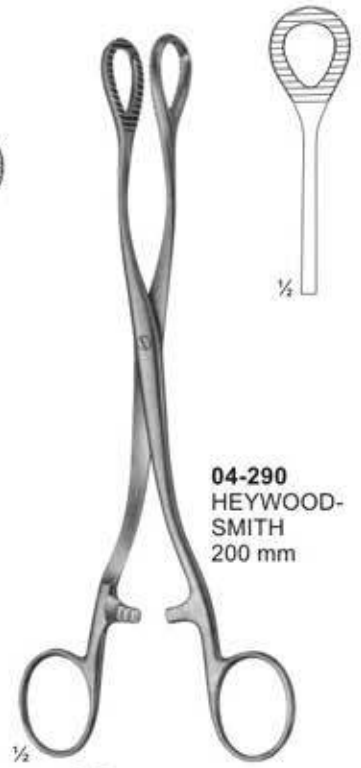
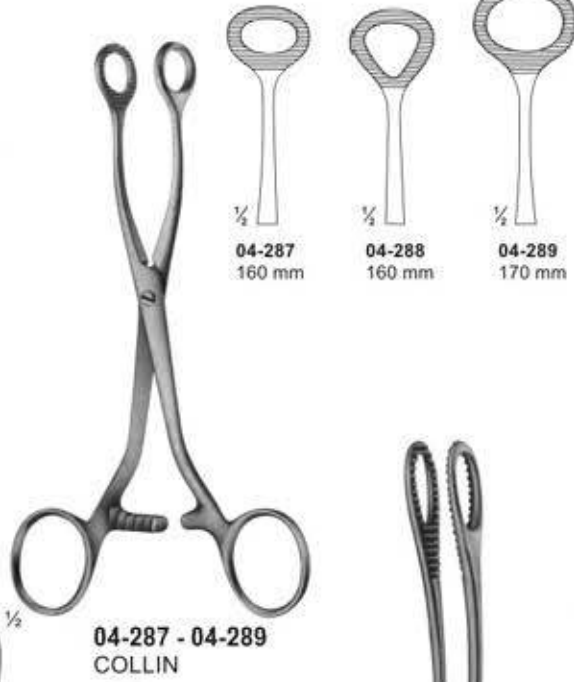


04-281 - 04-282
GROSS
without ratchet
200 mm

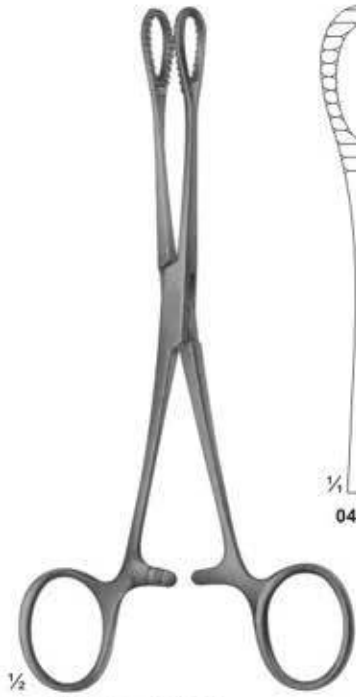


04-283 - 04-284
GROSS
200 mm

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



Dressing, Sponge holding, Organ and Tissue Grasping Forceps



04-293



04-294

1/2

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



04-295
180 mm



04-296
250 mm

1/2

04-295 - 04-296
RAMPLEY



04-297
Smooth Jaws



04-298
Smooth Jaws



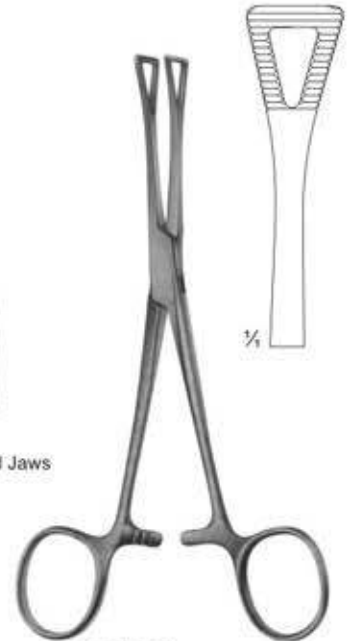
04-299
Serrated Jaws



04-300
Serrated Jaws

1/2

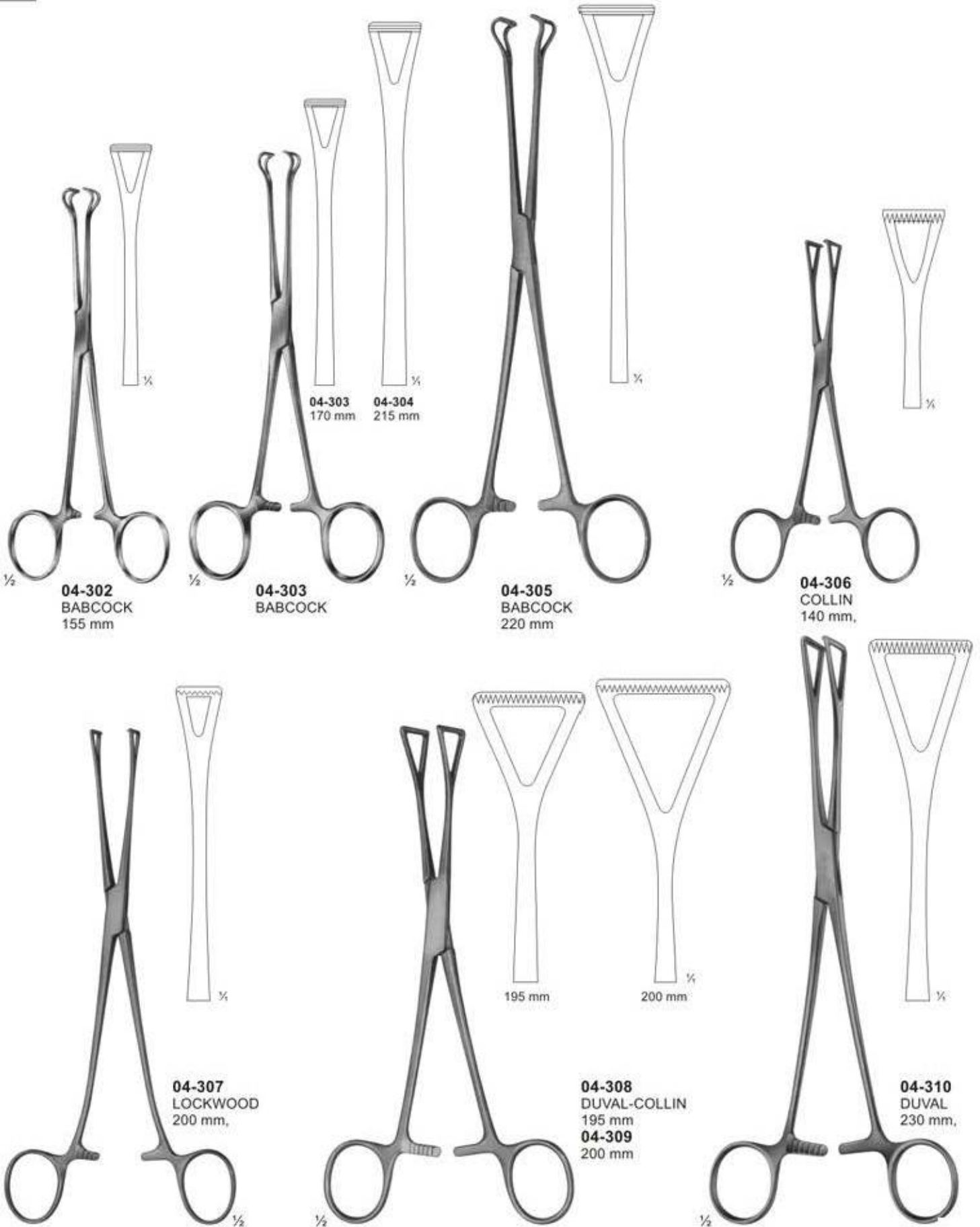
04-297 - 04-300
FOERSTER-BALLENGER
240 mm



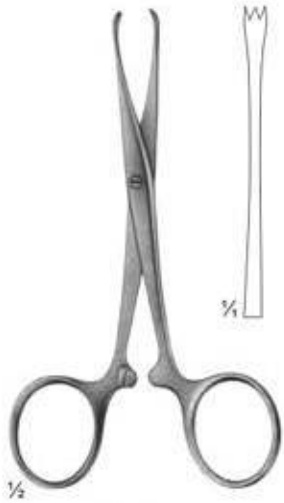
1/2

04-301
PENNINGTON
155 mm

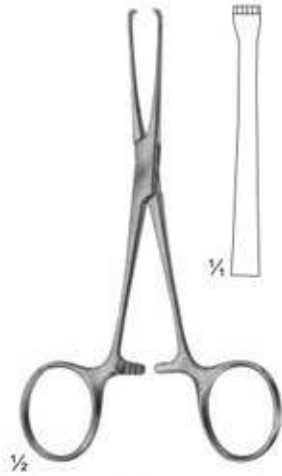
Intestinal Grasping Forceps



Artery Traction - and Tissue Grasping Forceps



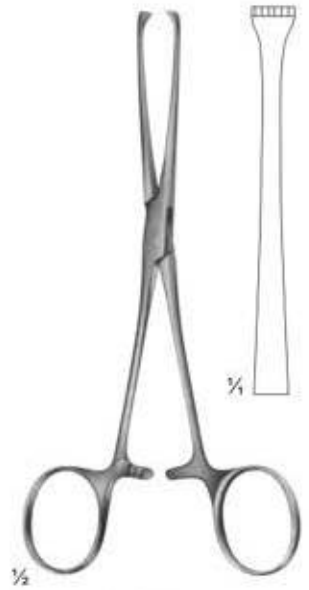
04-311
CHAPUT
 2 x 3 teeth
 125 mm



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



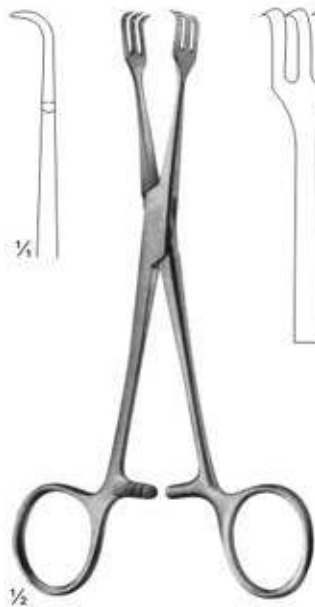
04-313
BOYS-ALLIS
 5 x 6 teeth sharp
 155 mm



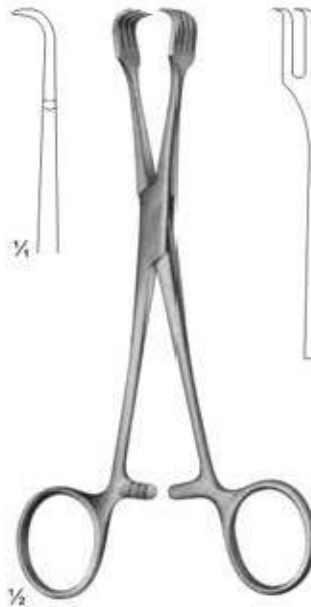
04-314
ALLIS
 5 x 6 teeth
 155 mm



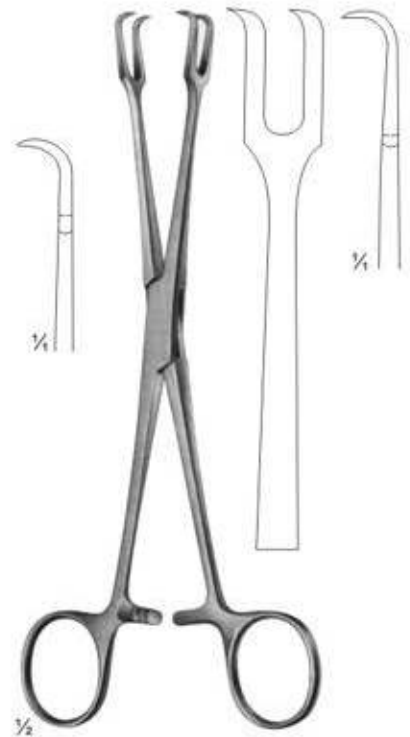
04-315
LAHEY
 155 mm



04-316
LAHEY
 155 mm



04-317
BRAUN
 155 mm



04-318
MUSEUX
 200 mm

Towel Clamps



04-319
JONES
85 mm



04-320
ENGL. MOD.
85 mm



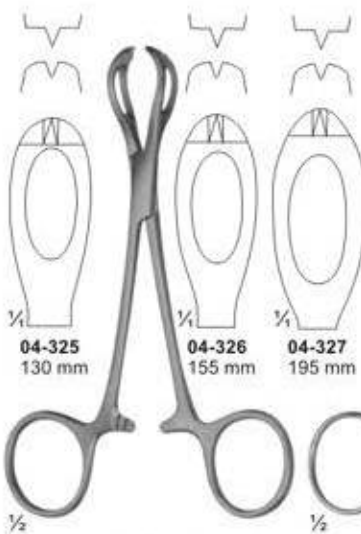
04-321 - 04-322
SCHAEDEL
85 mm



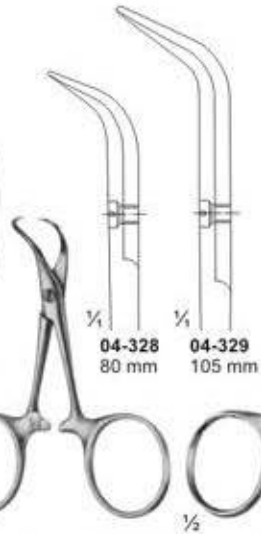
04-323
DOYEN
110 mm



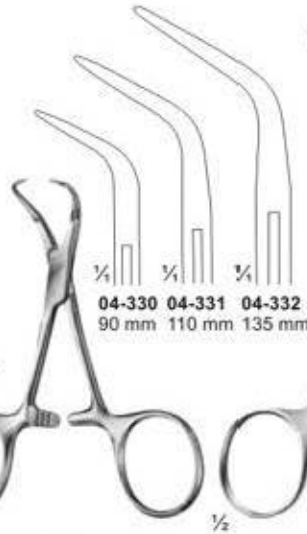
04-324
DOYEN
180 mm



04-325 - 04-327
LANE



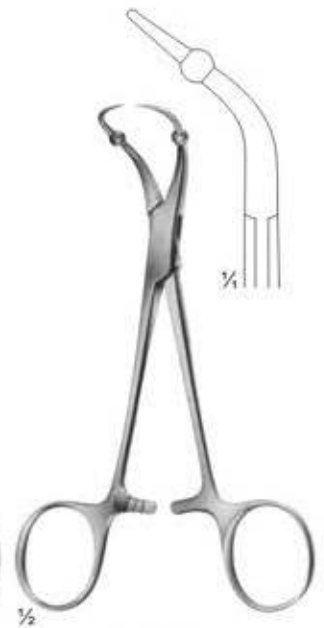
04-328 - 04-329
BACKHAUS



04-330 - 04-332
BACKHAUS



04-333
BACKHAUS-KOCHER
135 mm



04-334
ROEDER
135 mm

Muller Vessel Clips and Bulldog Clamps

Closing force



04-335
straight



04-336
curved



04-337
curved tips



04-338
angled shaped



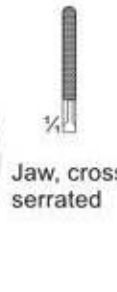
04-339
MULLER
knee-bent



04-340
Muller
Ligature Forceps



04-341
straight



04-342
curved

Jaw, cross serrated



04-341
35 mm



04-342
35 mm



04-343
45 mm



04-344
45 mm



04-345
DIEFFENBACH
38 mm



04-346
DIEFFENBACH
48 mm



04-347
DIEFFENBACH
58 mm



04-348
DIEFFENBACH
58 mm



04-349
DIEFFENBACH
91 mm



04-350
DIEFFENBACH
91 mm

- 04-351 38 mm
- 04-352 48 mm
- 04-353 56 mm
- 04-354 63 mm
- 04-355 70 mm
- 04-356 80 mm
- 04-357 91 mm

04-358
DE BAKEY-
HESS
20 mm



04-359
DE BAKEY
length 50 mm
jaws 27 mm



04-360
DE BAKEY
length 48 mm
jaws 27 mm



04-361
GLOVER
length 57 mm
jaws 35 mm



04-362
DE BAKEY
length 73 mm
jaws 38 mm



04-363
DE BAKEY
length 99 mm
jaws 63 mm



04-364
DE BAKEY
length 95 mm
jaws 54 mm



04-365
DE BAKEY
L. 80 mm



04-366
DE BAKEY
L. 90 mm



04-367
DE BAKEY
L. 105 mm



04-368
DE BAKEY
L. 124 mm

DE BAKEY

DE BAKEY

04-369
DE BAKEY
L. 78 mm

04-370
DE BAKEY
L. 86 mm

04-371
DE BAKEY
L. 97 mm

04-372
DE BAKEY
L. 114 mm

DE BAKEY

DE BAKEY

04-373
GLOVER
L. 68 mm

04-374
GLOVER
L. 96 mm

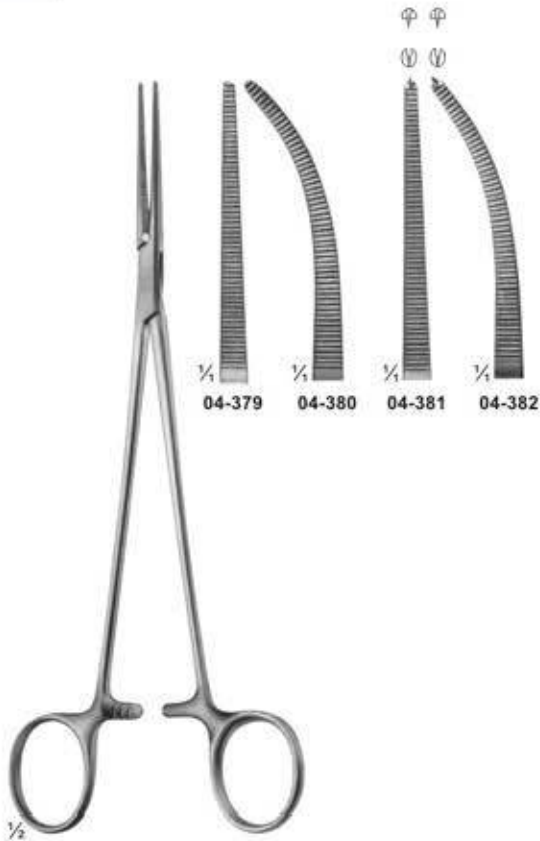
04-375
GLOVER
L. 117 mm

04-376
GLOVER
L. 65 mm

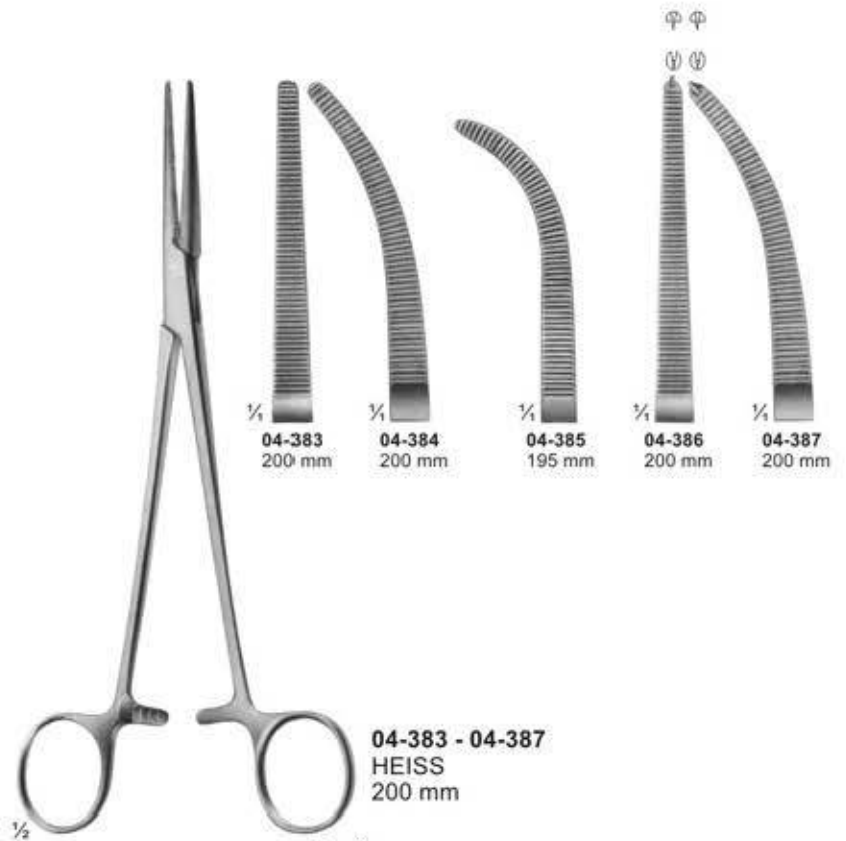
04-377
GLOVER
L. 91 mm

04-378
GLOVER
L. 110 mm

Delicate Haemostatic Forceps



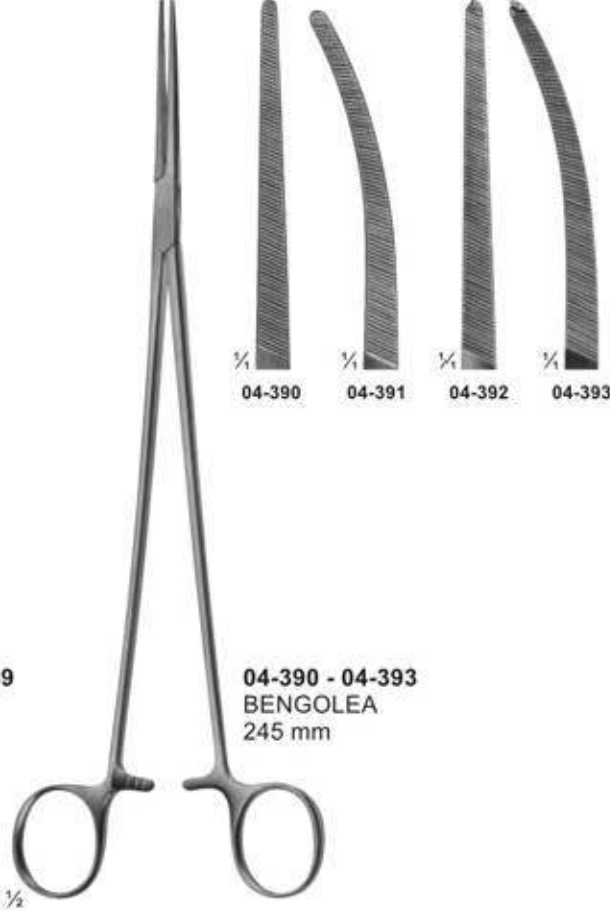
04-379 - 04-382
HALSTED-MOSQUITO
200 mm



04-383 - 04-387
HEISS
200 mm



04-388 - 04-389
HALSTED
215 mm



04-390 - 04-393
BENGOLEA
245 mm



04-394
CRAFOORD
245 mm

Delicate Haemostatic Forceps



04-395
CARREL
85 mm



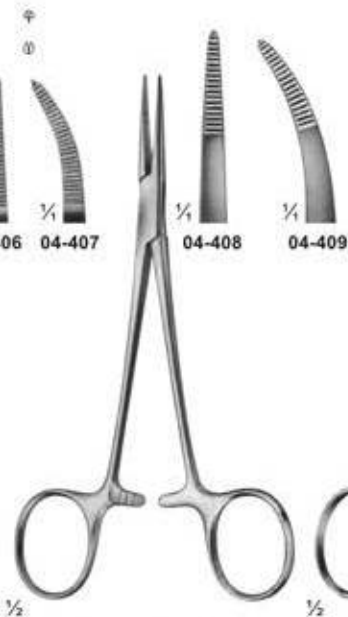
04-396 - 04-399
BABY-MOSQUITO
(HARTMANN)
100 mm



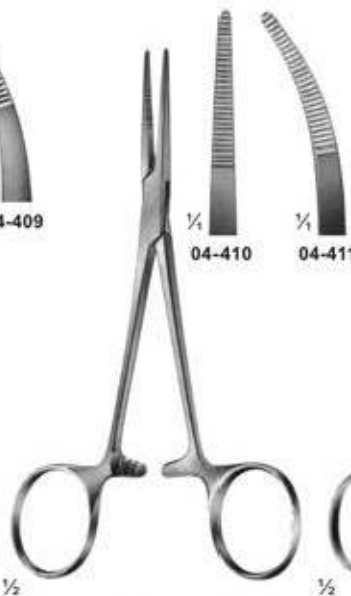
04-400 - 04-403
MICRO-HALSTED
125 mm



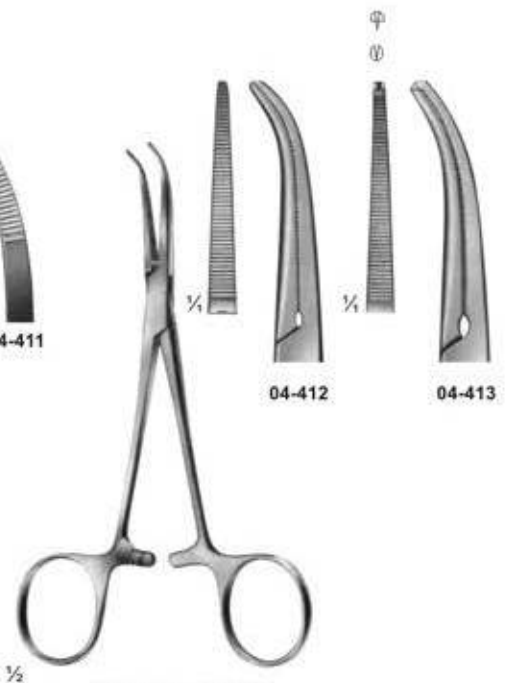
04-404 - 04-407
HALSTED-MOSQUITO
125 mm



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

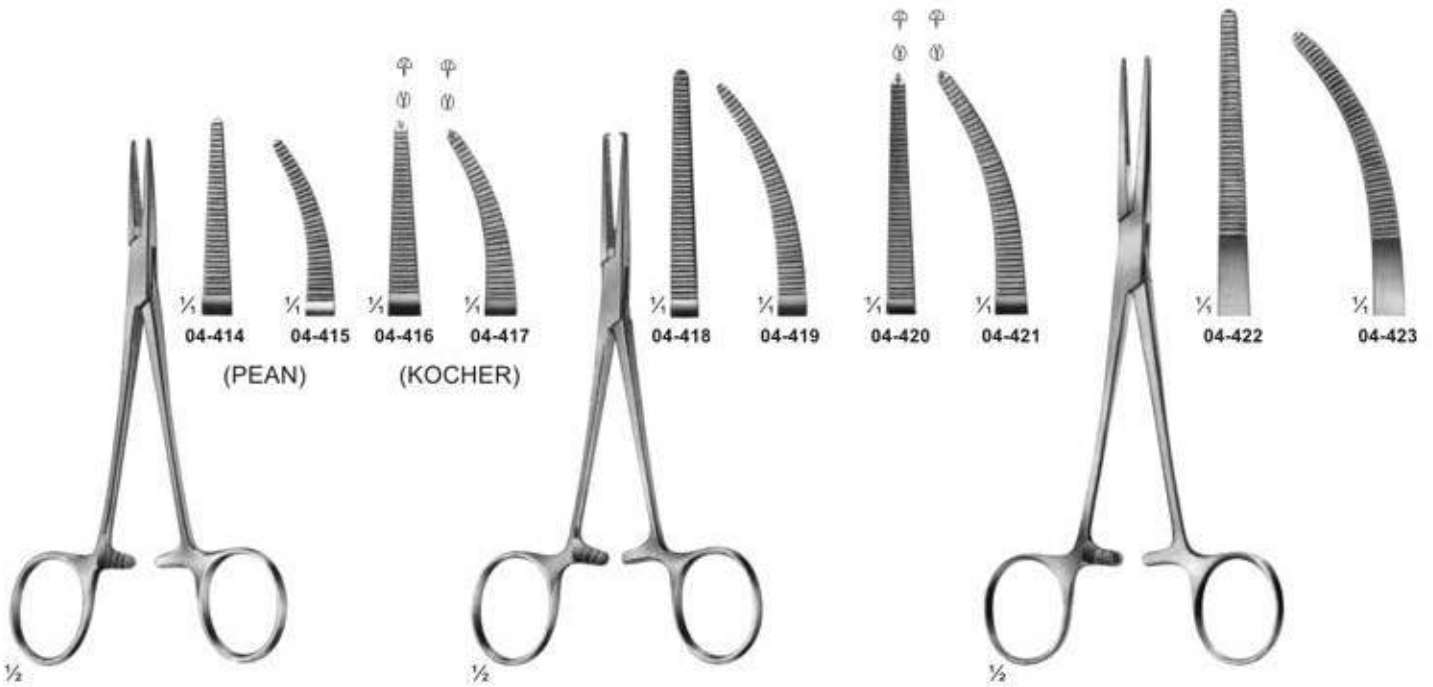


04-410 - 04-411
KELLY
140 mm



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

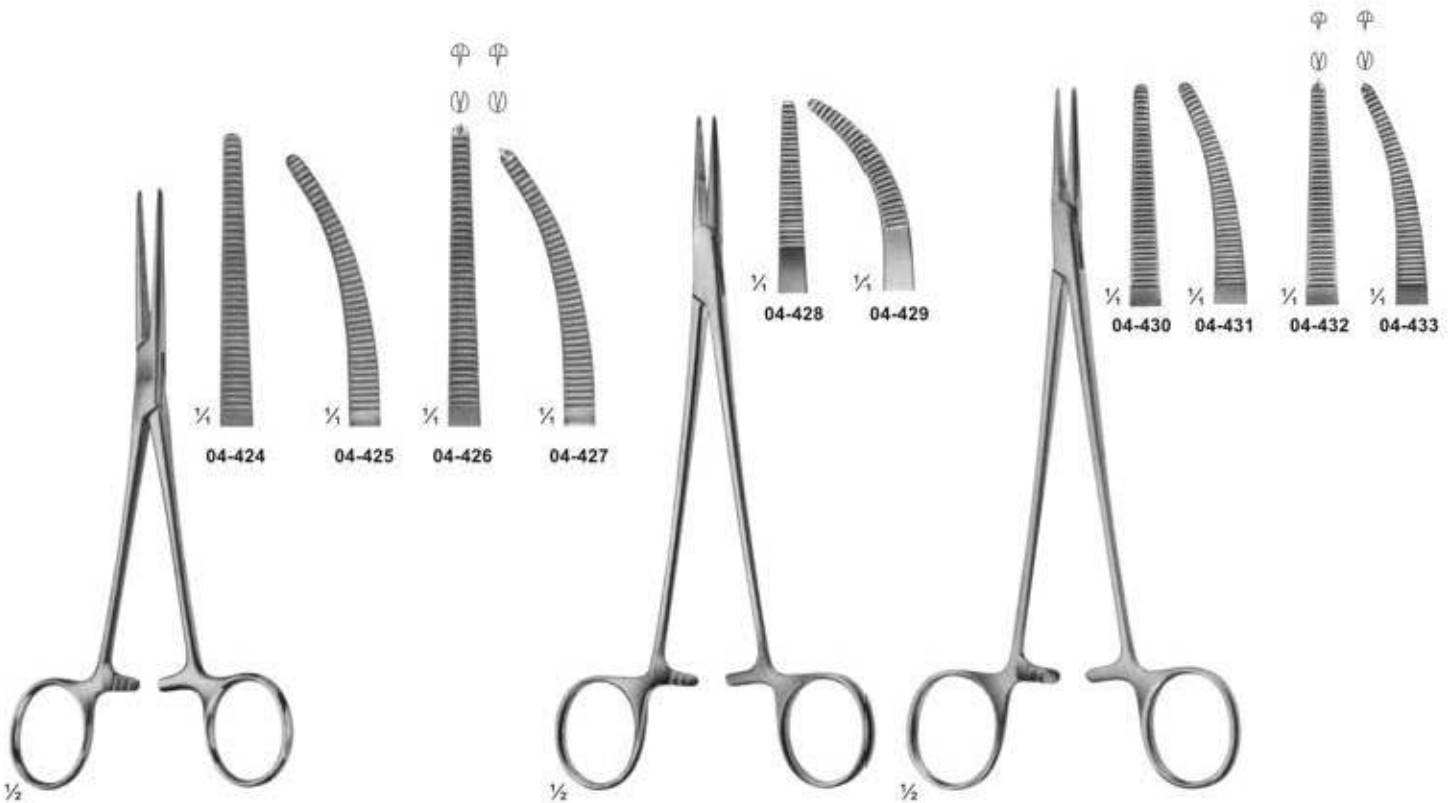
Delicate Haemostatic Forceps



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

04-418 - 04-421
CRILE
140 mm

04-422 - 04-423
RANKIN
160 mm



04-424 - 04-427
CRILE
160 mm

04-428 - 04-429
ADSON
185 mm

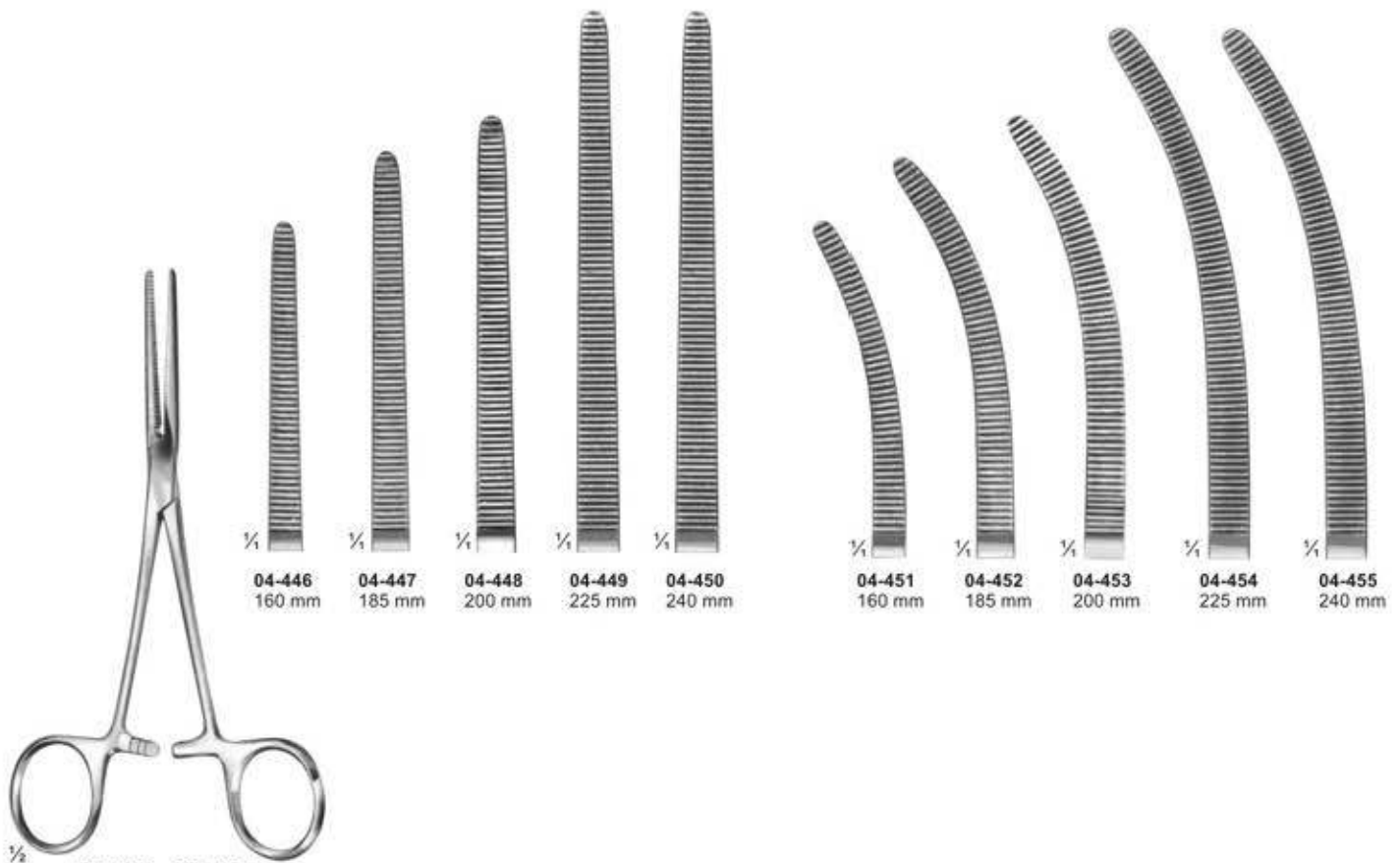
04-430 - 04-433
HALSTED
185 mm

Haemostatic Forceps



04-434 - 04-437
PEAN
Slender type

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

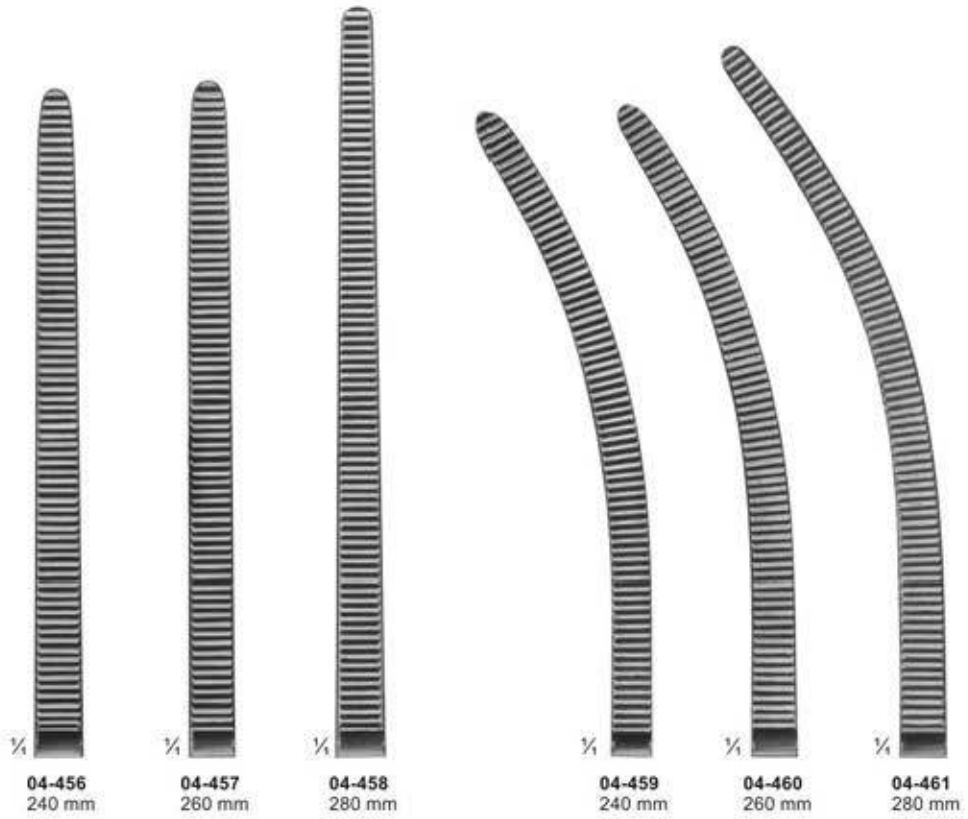


04-446 - 04-455
ROCHESTER-PEAN

Haemostatic Forceps



04-456 - 04-461
PEAN



04-456
240 mm

04-457
260 mm

04-458
280 mm

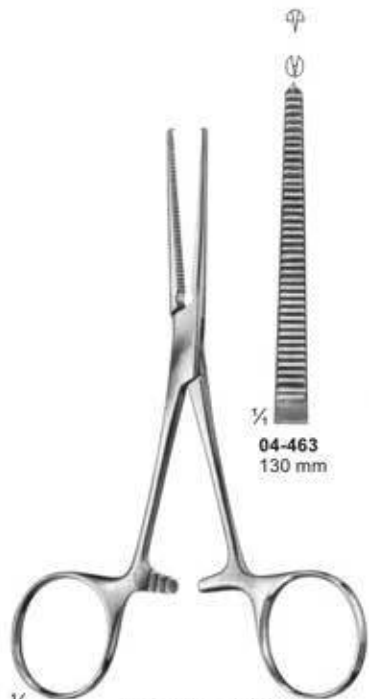
04-459
240 mm

04-460
260 mm

04-461
280 mm



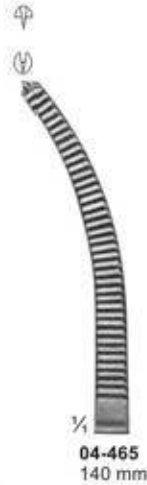
04-462
KOCHER
Strong Pattern
145 mm



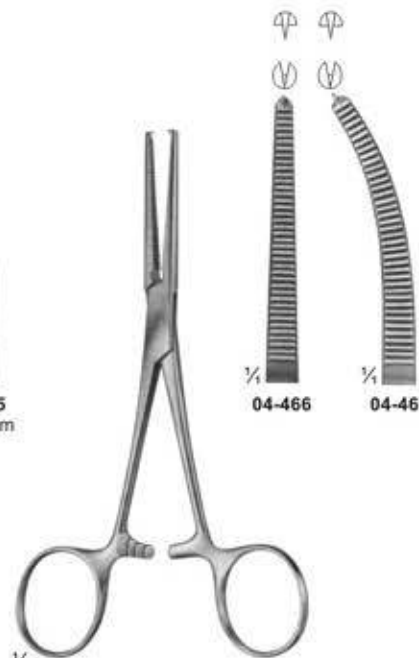
04-463 - 04-465
KOCHER

04-463
130 mm

04-464
140 mm



04-465
140 mm

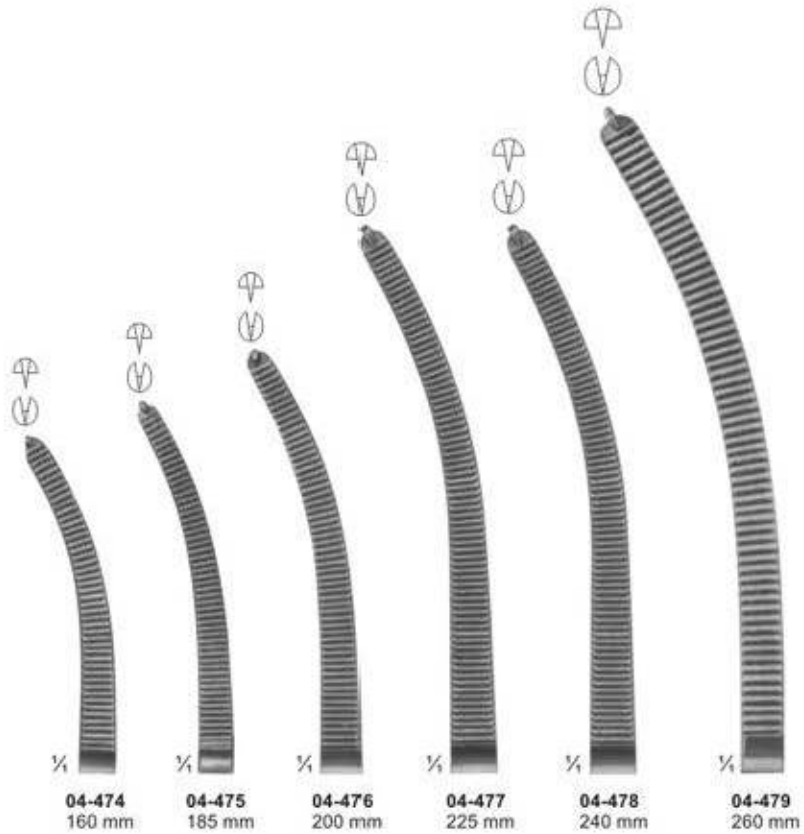
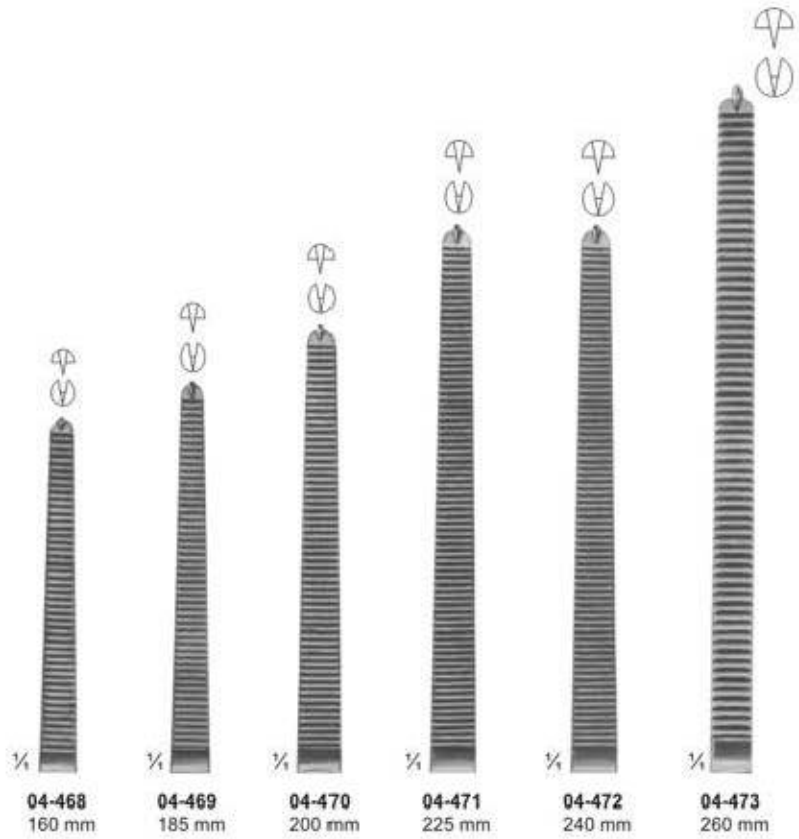


04-466 - 04-467
ROCHESTER-OSHSNER
140 mm

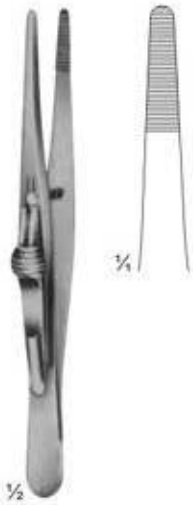
04-466

04-467

Haemostatic Forceps



Haemostatic Forceps



04-480
FRICKE
Artery forceps
130 mm



04-481
KRONLEIN
130 mm



04-482
PEAN
125 mm



04-483
125 mm



04-484
140 mm

04-483 - 04-484
PEAN



04-485
PEAN
125 mm



04-486
165 mm



04-487
185 mm

04-486 - 04-487
PEAN

Haemostatic Forceps, Special Pattern, Tonsil Forceps



1/2

04-488 - 04-491
ROCHESTER-CARMALT



1/4 04-488 160 mm
1/4 04-489 200 mm
1/4 04-490 160 mm
1/4 04-491 200 mm



1/2

04-492 - 04-493
MOYNIHAN



1/4 04-492 230 mm
1/4 04-493 240 mm



1/2

04-494 - 04-496
PEAN



1/4 04-494 195 mm
1/4 04-495 220 mm
1/4 04-496 230 mm



1/2

04-497 - 04-498
NEGUS
190 mm



1/4 04-497
1/4 04-498



1/2

04-499
MIKULICZ
185 mm

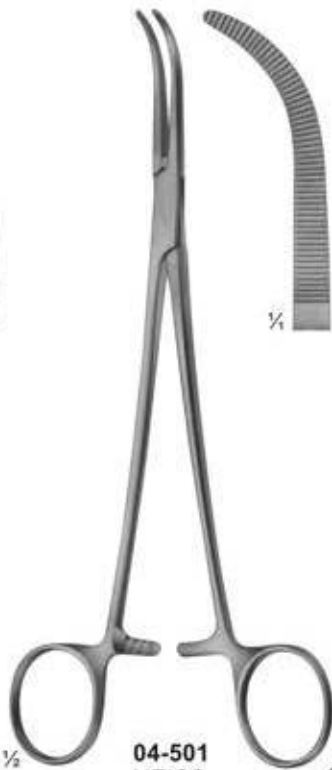


1/4

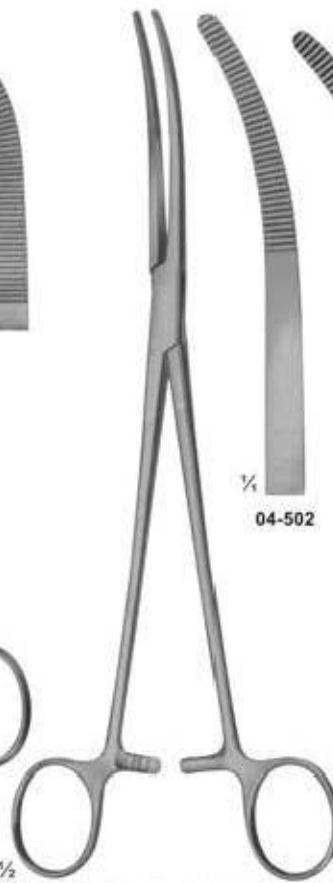
Dissecting- and Ligature Forceps



04-500
MIXTER-O'SHAUGHNESSY
190 mm

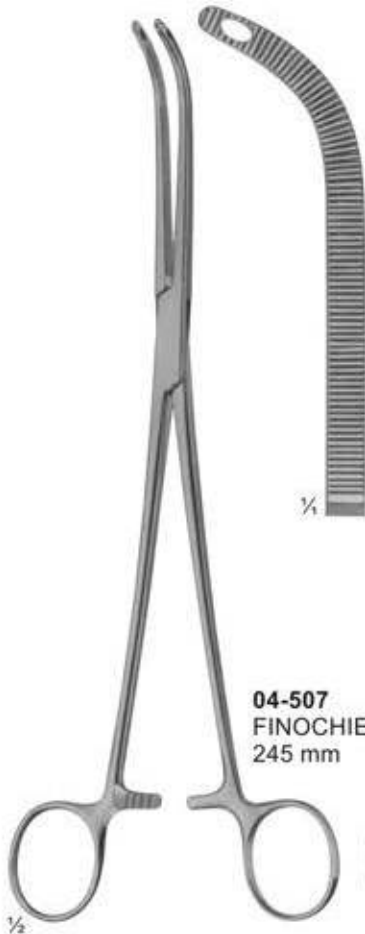


04-501
HEISS
195 mm



04-502 - 04-506
RUMEL
240 mm

04-502 04-503 04-504 04-505 04-506



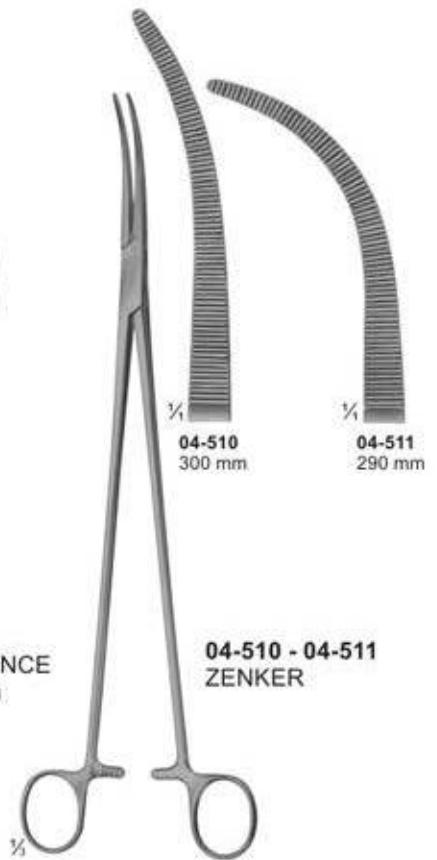
04-507
FINOCHIETTO
245 mm



04-508
MIXTER
230 mm



04-509
LAWRENCE
270 mm



04-510 - 04-511
ZENKER

04-510
300 mm

04-511
290 mm

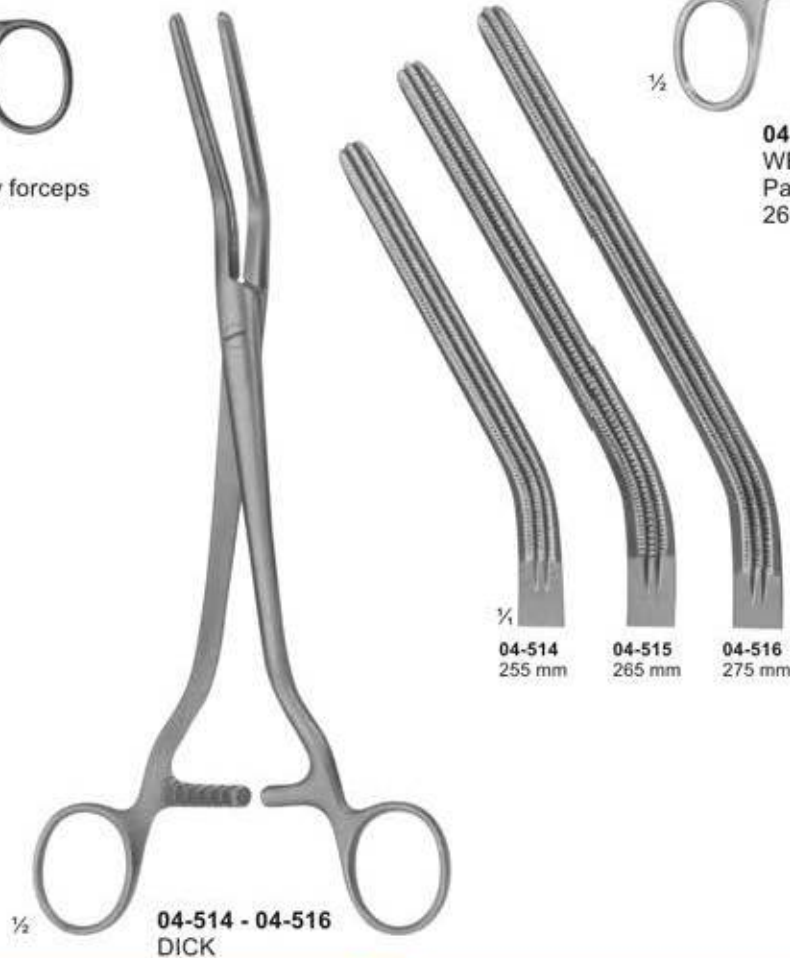
Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



04-512
WERTHEIM
 Hysterectomy forceps
 255 mm



04-513
WERTHEIM
 Parametrium clamp
 260 mm



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

04-514 - 04-516
DICK

Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



04-517
WERTHEIM
250 mm

04-520
80 mm



04-518
WERTHEIM-CULLEN
215 mm

04-519
60 mm



04-519 - 04-520
230 mm

Needle Holders for micro surgery



05-101
ROHRSCHEIDER
with copper inserts
100 mm



05-102
KALT
with catch
135 mm



05-103
ARRUGA
with catch
135 mm



05-104 - 105
CASTROVIEJO
with catch
145 mm



05-106 - 107
without Catch
160 mm



05-108 - 109
without catch
185 mm



05-109



05-110 - 111
JACOBSON
185 mm

05-110
without catch

05-111
with catch



05-112
without catch
195 mm

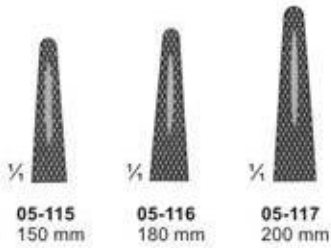


05-113 - 114
YASARGIL
with catch
200 mm

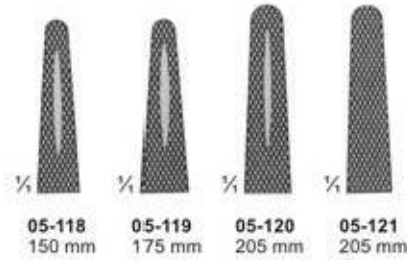
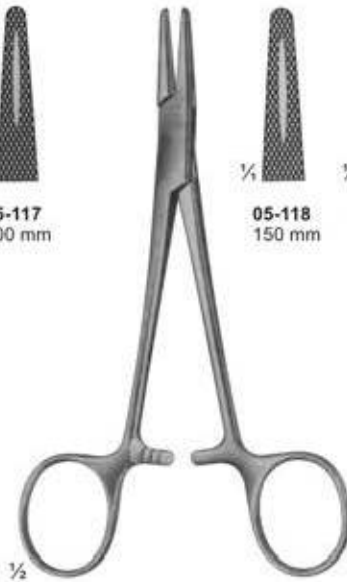
05-113

05-114

Needle Holders



05-115 - 117
MAYO-HEGAR
medium fine patterns



05-118 - 121
HEGAR
heavy patterns



05-122
HEANEY (HEGAR)
200 mm



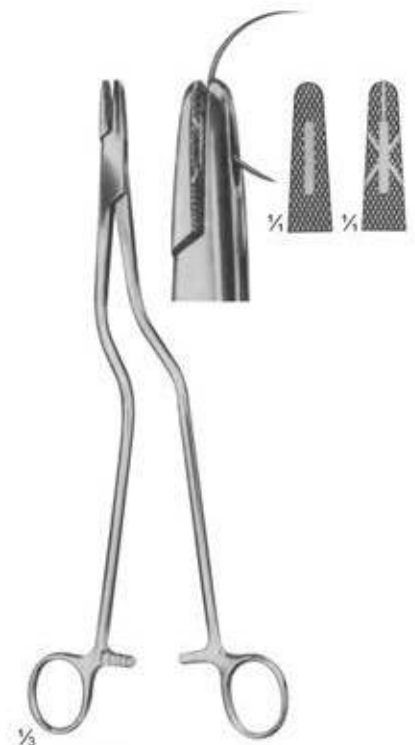
05-123
JAMESON
230 mm



05-124
WANGENSTEEN
275 mm



05-125
MASSON
265 mm

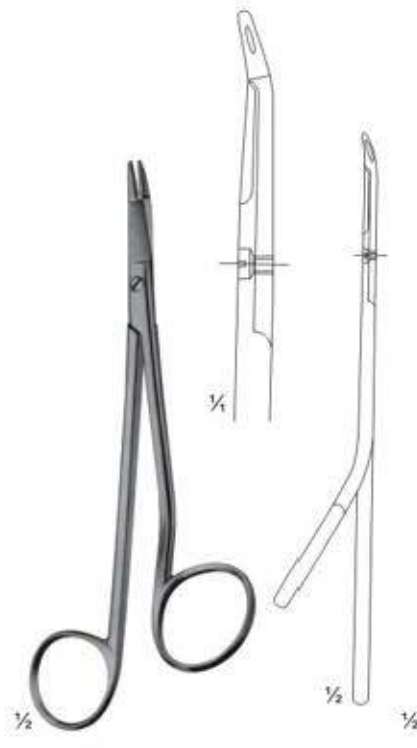


05-126
MASSON-LUETHY
255 mm

Needle Holders



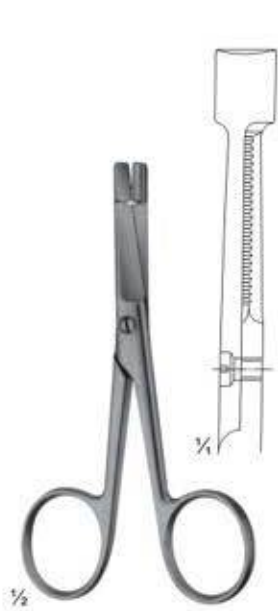
05-127 - 128
HEGAR-OLSEN
255 mm



05-129
GILLIES
150 mm



05-130
GILLIES
160 mm



05-131
EISELSBERG
115 mm



05-132
SCHOEMAKER-LOTH
125 mm

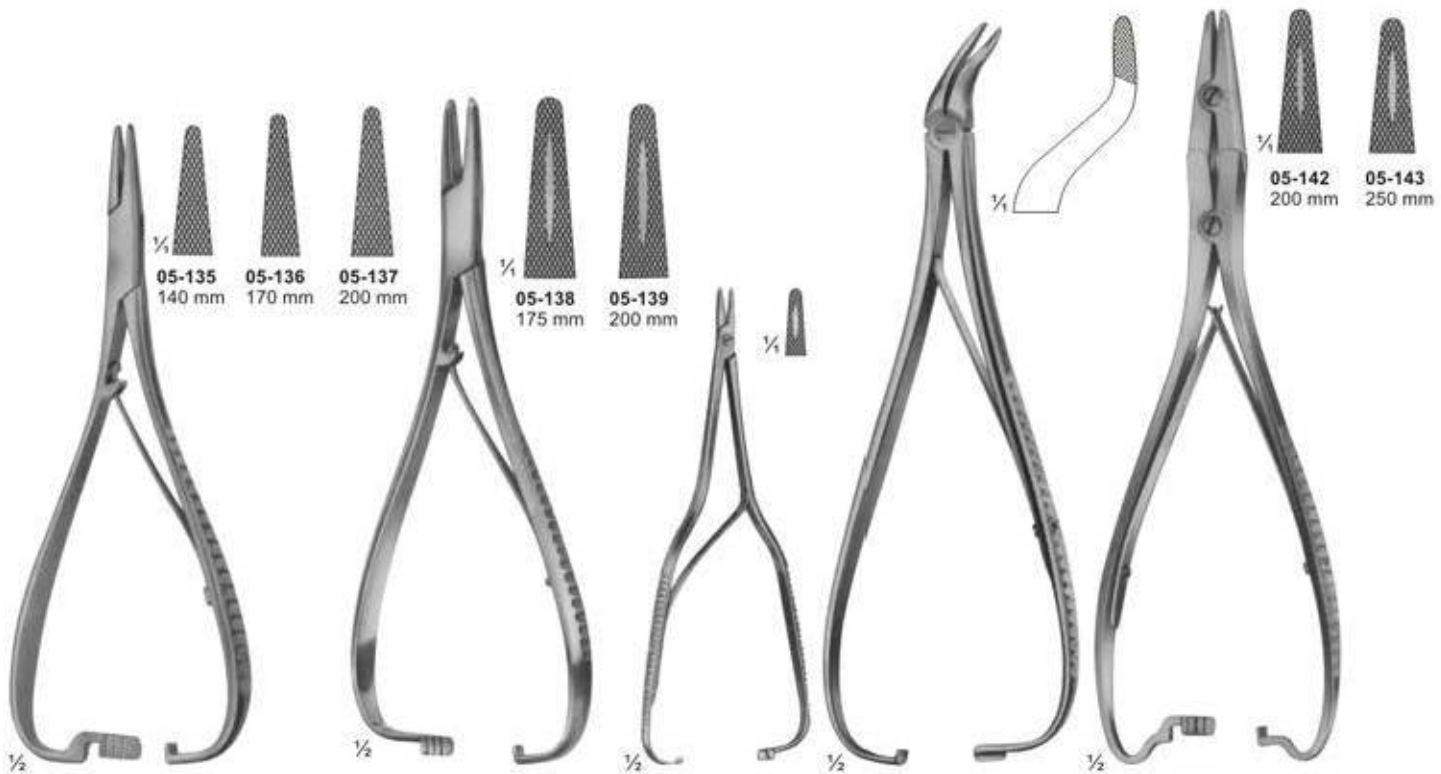


05-133
CRILE
150 mm



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

Needle Holders



05-135 - 05-137
MATHIEU

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

05-140
BOYNTON
125 mm

05-141
EISELSBERG-MATHIEU
For palate suture
195 mm

05-142 - 05-143



05-144

05-145

05-146



05-147
YOUNG-
HRYNTSCHAK
With 1 needle
240 mm

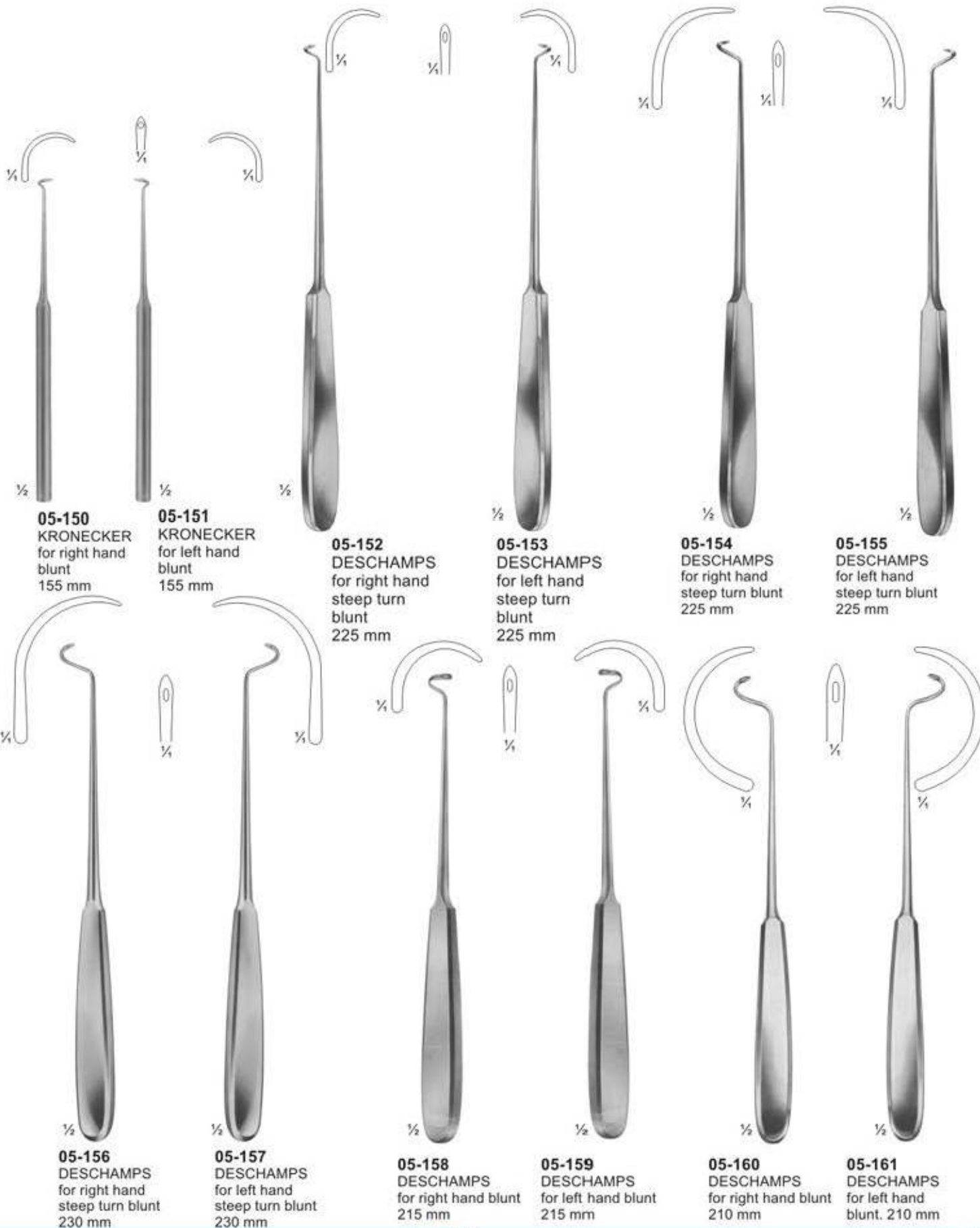


05-148
YOUNG-MILLIN
With 1 needle
200 mm



05-149
MILLIN
Ligature holding
forceps. 245 mm

Suture Instruments - Reverdin Needles



Probes



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



05-165
DOYEN
 145 mm
 Directors



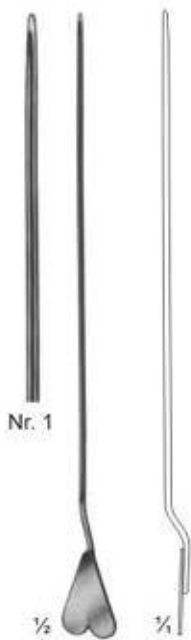
05-166
NELATON
 160 mm
 Directors



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



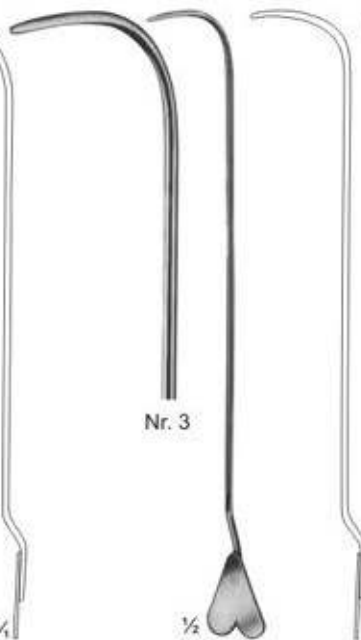
05-168
BRODIE
 Director with tip,
 Diam. Of tip 3,5 mm
 200 mm



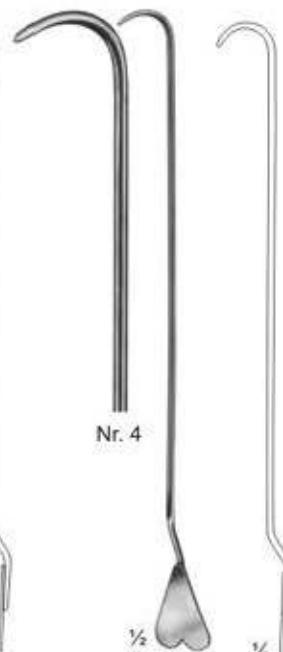
05-169
LOCKHART-MUMMERY
 165 mm



05-170
LOCKHART-MUMMERY
 165 mm



05-171
LOCKHART-MUMMERY
 165 mm



05-172
LOCKHART-MUMMERY
 165 mm



05-173
 Director with wire
 loop, malleable
 190 mm

Probes



05-174
2,5 mm
05-175
2,5 mm
05-176
3,0 mm

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



1,5 mm

05-177
Myrtle leaf probe
145 mm



2,0 mm

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



05-183
Probes



05-184 1/2
Double ended probe,
malleable, diam. of tips
3 mm with hole
190 mm



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



05-186 1/4
Double ended probes,
tin, malleable,
diam. of tips 4 mm
400 mm



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:

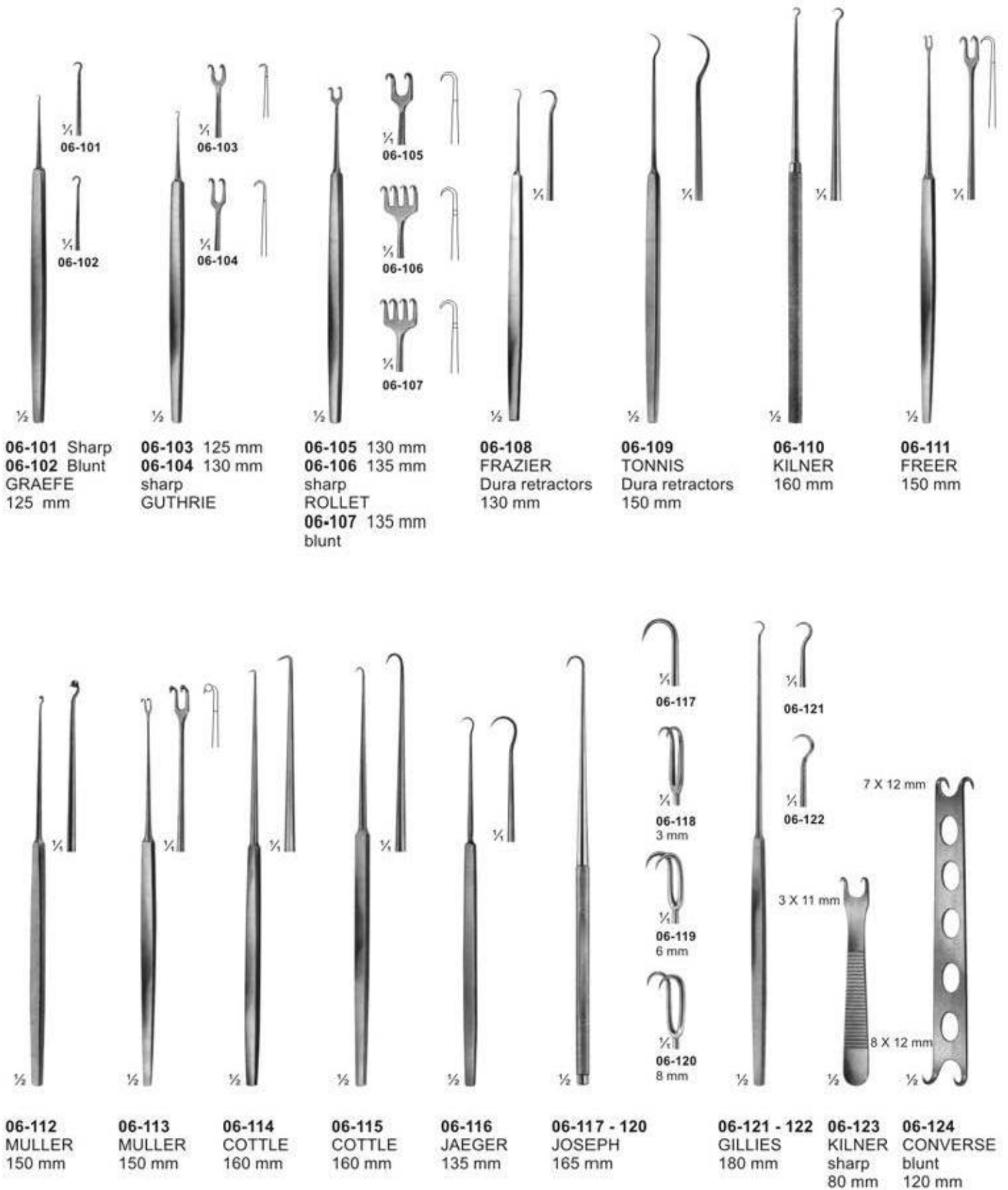
Bottom tray

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



06-125
MANNERFELT modif.
sharp
135 mm



06-126
MANNERFELT modif.
sharp
155 mm



06-127
MANNERFELT modif.
sharp
155 mm



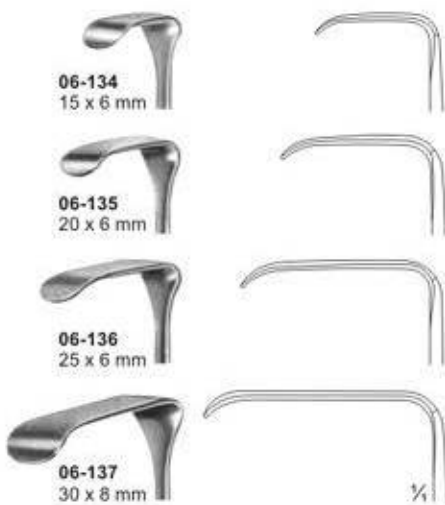
06-128 - 130
MANNERFELT modif.
small curve, sharp
155 mm



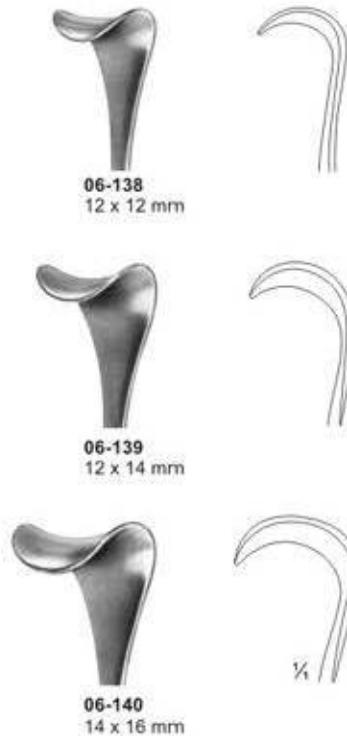
06-131 - 133
MANNERFELT modif.
large curve, blunt
155 mm



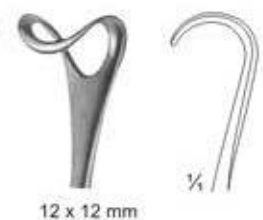
06-134 - 137
LANGENBECK-
MANNERFELT modif.
155 mm



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



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



Retractors



1/4
6 x 12 mm

1/2
06-142
MASING
140 mm



1/4
10 x 12 mm

1/2
06-143
COTTLE
140 mm



06-144
9 x 9 mm



06-145
9 x 12 mm

1/2
06-144 - 148
DESMARRES
140 mm



1/4
06-146
11 x 14 mm



06-147
12 x 16 mm



1/4
06-148
13 x 18 mm



1/4
06-149
13 x 13 mm



1/4
06-150
12 x 16 mm

1/2
06-149 - 150
KONIG
180 mm



1/4
10 x 10 mm

1/2
06-151
CUSHING-KOCHER
175 mm



1/2
06-152 - 153
KOCHER
205 mm



1/4
06-152
20 x 12 mm



1/4
06-153
20 x 15 mm



1/2
06-154
SCHOENBORN
200 mm



1/4
13 x 6 mm



1/2
06-155 - 156
CUSHING
205 mm



1/4
06-155
10 x 13 mm



1/4
06-156
14 x 18 mm



1/2
06-157
205 mm

20 x 15 mm

20 x 19 mm



1/2
06-158 - 160
CUSHING
250 mm



1/4
06-158
11 x 14 mm

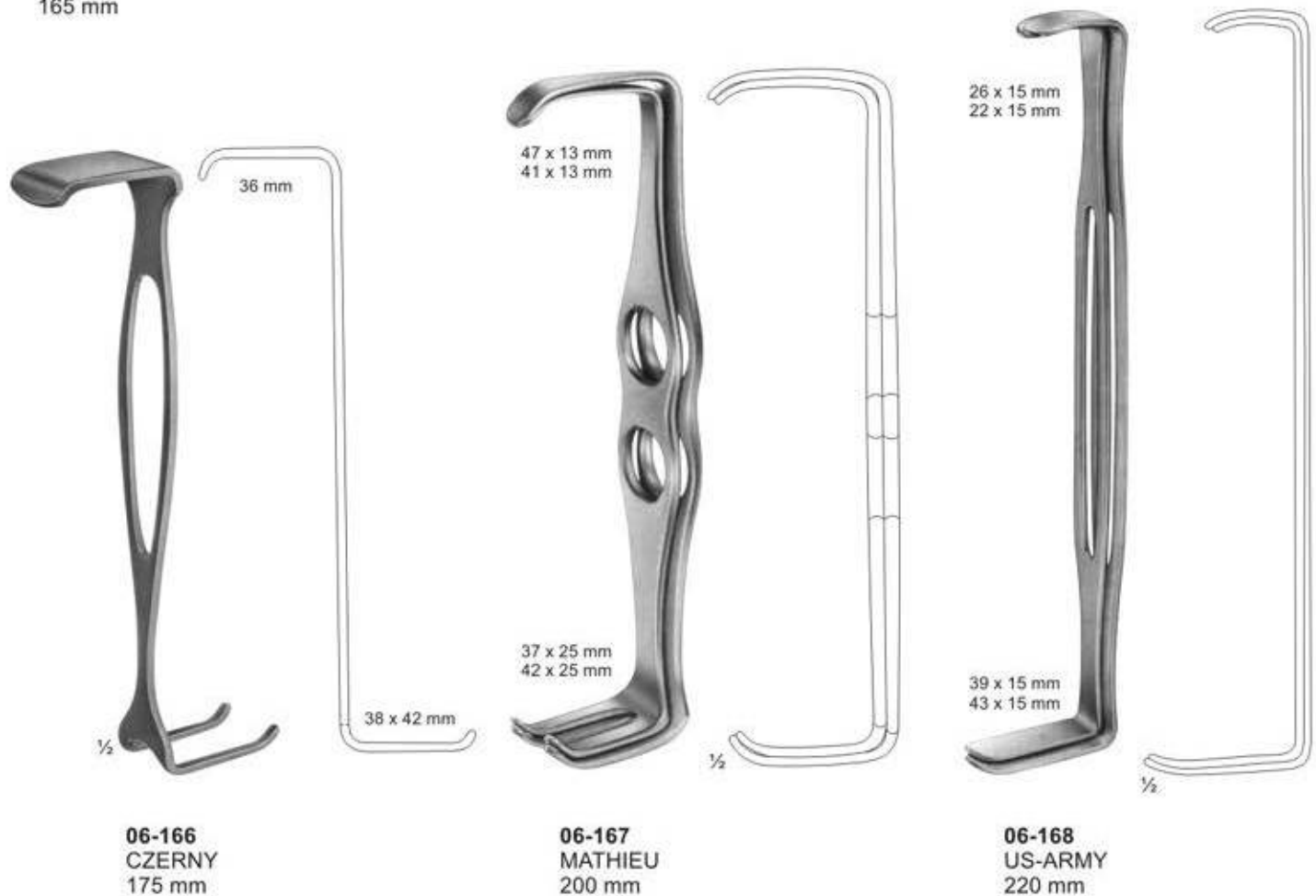
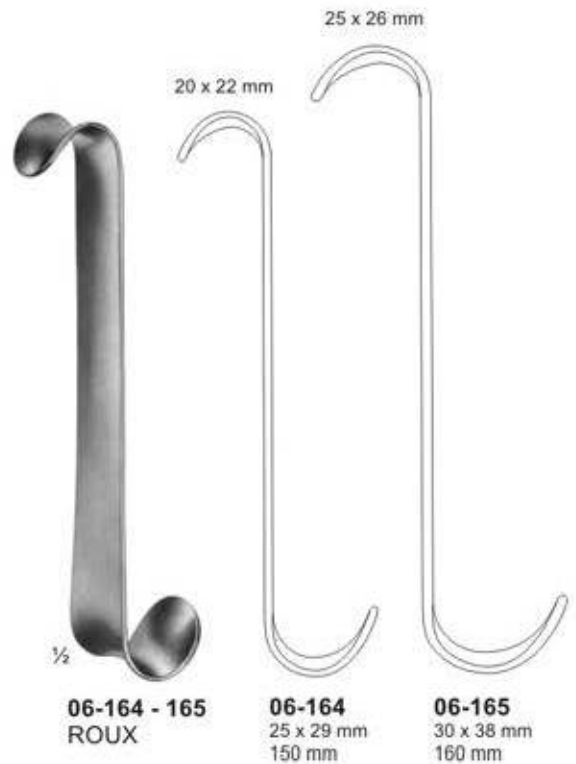


1/4
06-159
13 x 18 mm

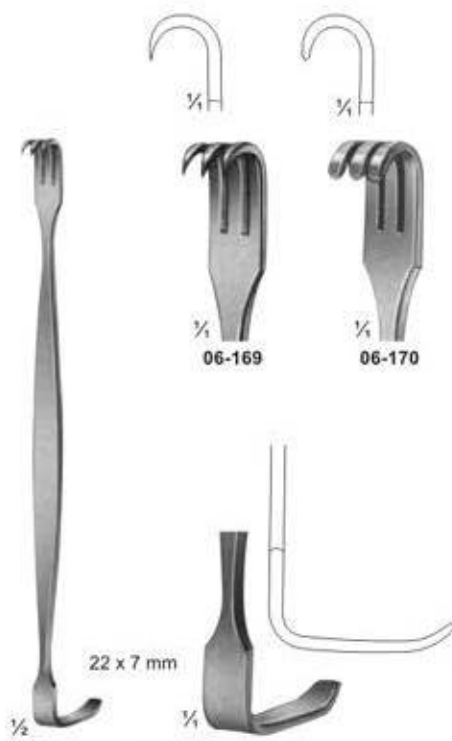


1/4
06-160
15 x 22 mm

Retractors



Retractors



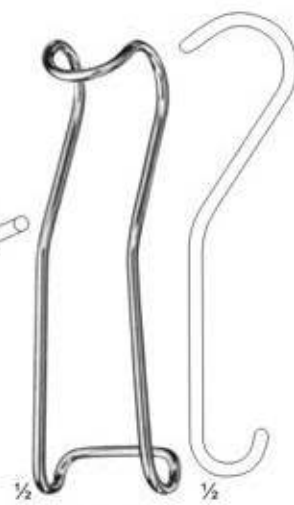
06-169 - 06-170
BABY-SENN-MILLER
155 mm



06-171
SENN-MILLER
165 mm



06-172
COLLIN-HARTMANN
150 mm



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



06-177
LUER
110 mm

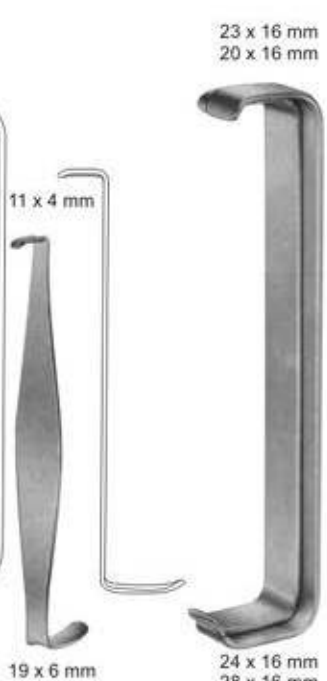
06-178
ROSE
130 mm

06-179
BABY-ROUX
135 mm

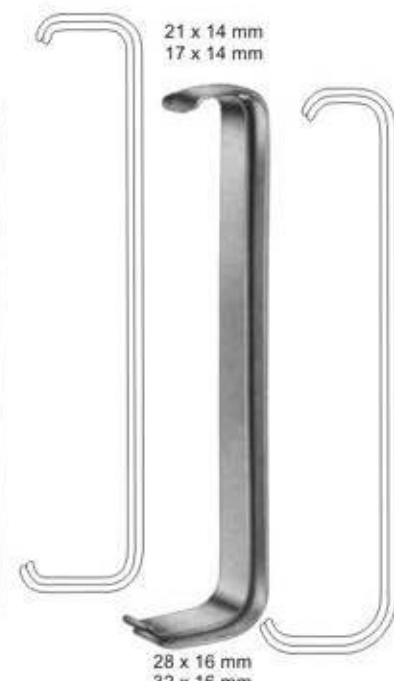


06-180
PARKER
135 mm

06-181
CRILE
110 mm



06-182
FARABEUF
150 mm



06-183
COLLIN
150 mm

Bone Retractors and Retractors



06-184
KOCHER
sharp
205 mm



06-185
KOCHER
sharp
220 mm



06-186
KOCHER
sharp
220 mm



06-187
VOLKMANN
blunt
220 mm



06-188
VOLKMANN
sharp
220 mm



06-189 - 06-196
VOLKMANN
225 mm



Sharp



06-189
9 x 8 mm



06-190
9 x 13 mm



06-191
9 x 19 mm



06-192
9 x 29 mm



Blunt



06-193
8,5 x 8 mm



06-194
8,5 x 13 mm

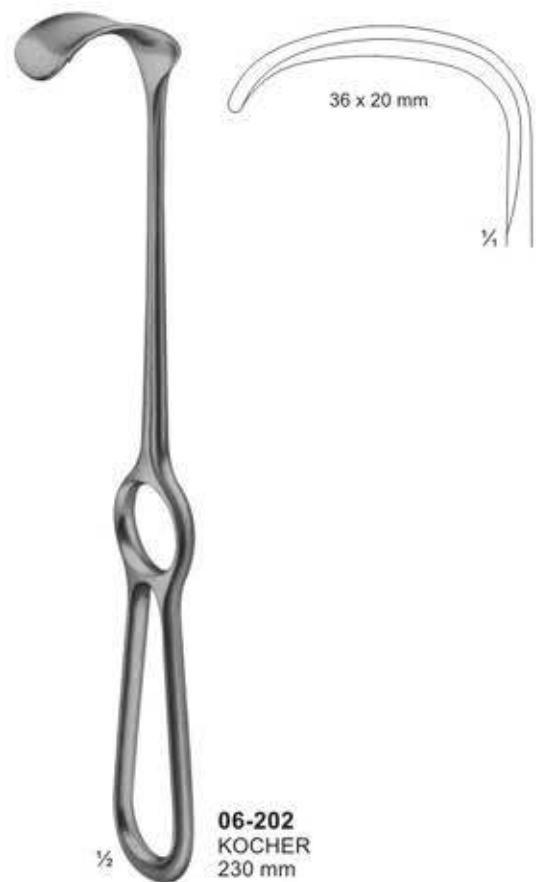
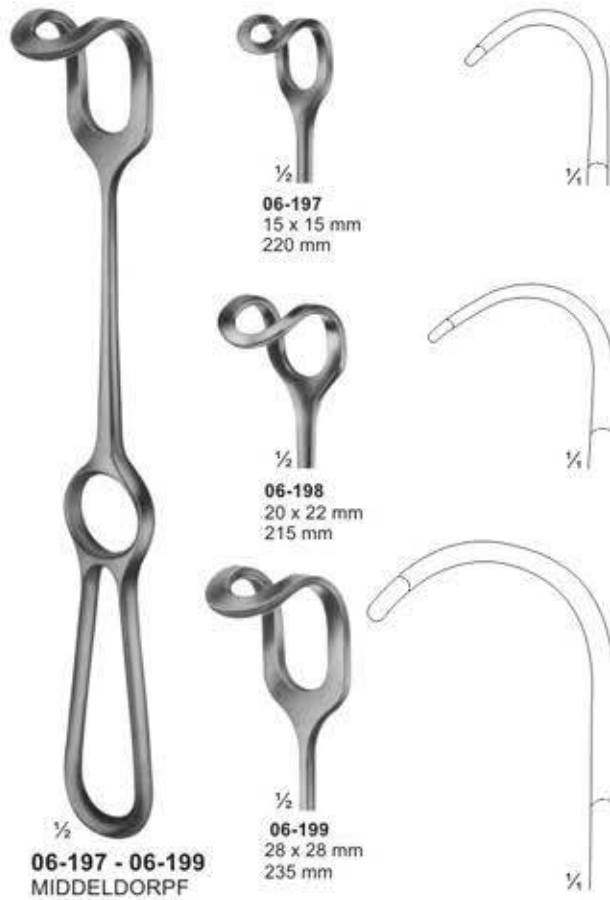


06-195
8,5 x 19 mm



06-196
8,5 x 29 mm

Retractors



Retractors, Vario Retractor System



06-203-06-209
BRUNNER
275 mm

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

1/2



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

1/2



Handle arrange-
ment verriable

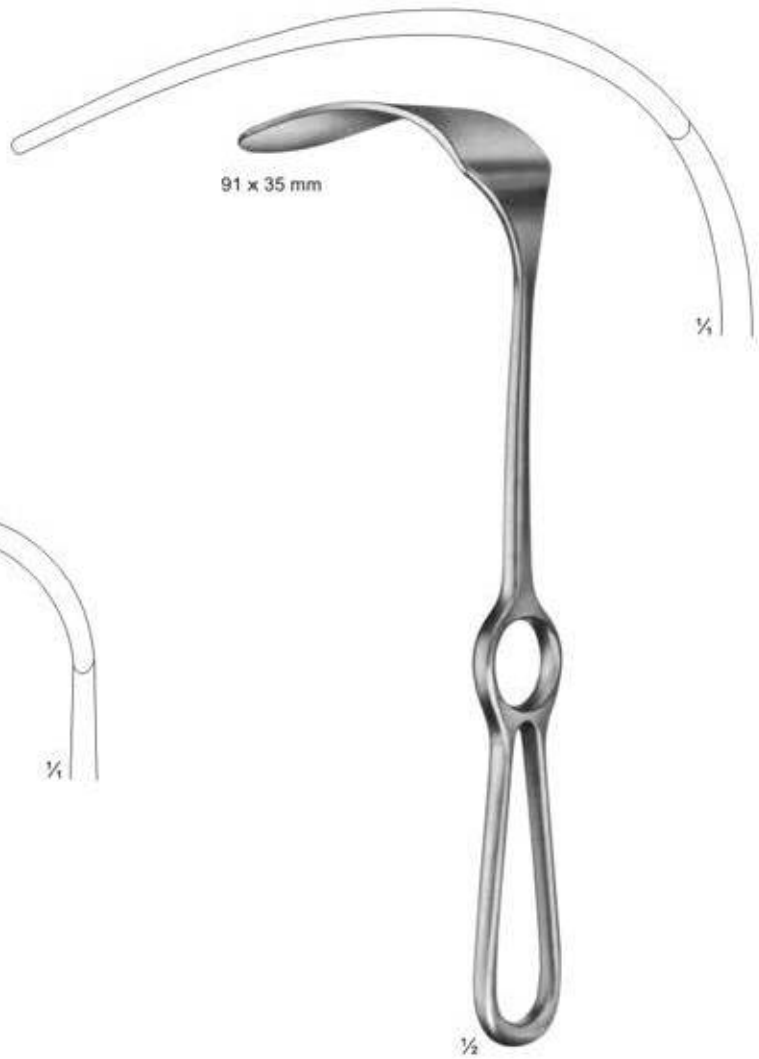
Retractors, Lung Spatulas



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



06-216
MIKULICZ
255 mm



06-217
MIKULICZ
250 mm

Retractors, Abdominal Retractors



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

06-218 - 06-228
DOYEN
240 mm

06-229 - 06-233
FRITSCH
240 mm

06-234
DOYEN
250 mm

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

Abdominal- and Intestinal Spatulas Bauch- und Darmspatel



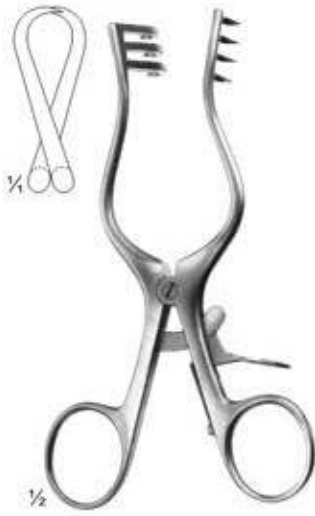
06-235
LERICHE
255 mm

06-236
KUMMEL
Mealleable
285 mm

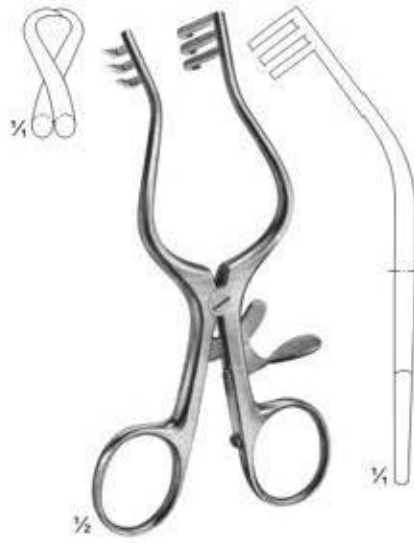
06-237
MIKULICZ
29 mm
250 mm

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

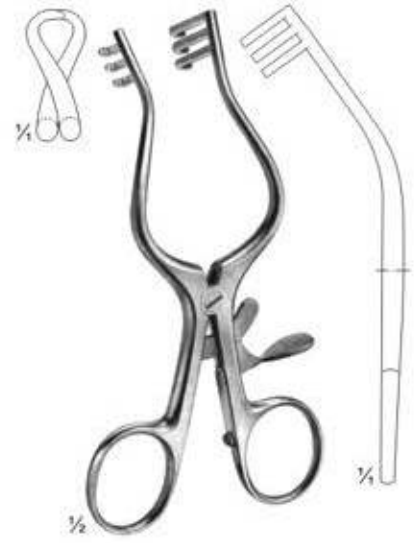
Self-Retaining Retractors



06-240
WEITLANER
sharp
130 mm



06-241
WULLSTEIN
sharp
130 mm



06-242
WULLSTEIN
blunt
130 mm



06-243
WEITLANER
sharp
165 mm



06-244
PLESTER
blunt
110 mm



06-245
PERKINS
130 mm

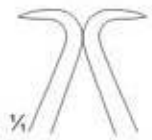
Special Retractors



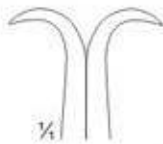
06-246
JOLL (FRIEDMAN)
 Thyroid- and vaginal retractor
 155 mm



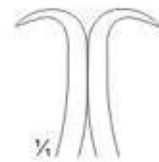
06-247
JACKSON BURROWS
 Retractor, blunt
 185 mm



06-248
GELPI
 Vaginal retractor
 135 mm



06-249
GELPI
 Skin- and vaginal retractor
 175 mm



06-250
DE BAKEY
 Femur retractor
 145 mm

Lamina Spreaders



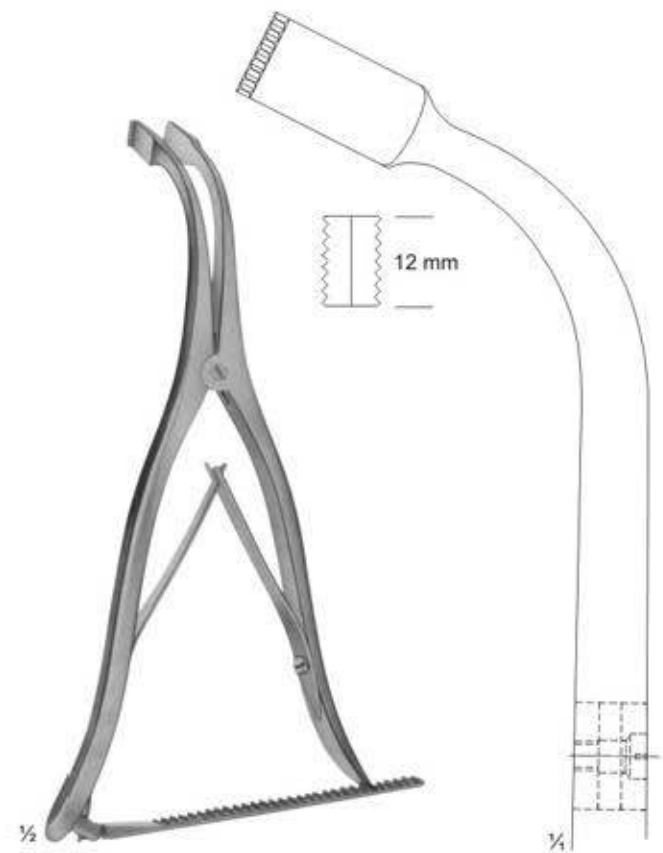
06-251
CLOWARD
155 mm



06-252
CLOWARD
135 mm



06-253
INGE
170 mm

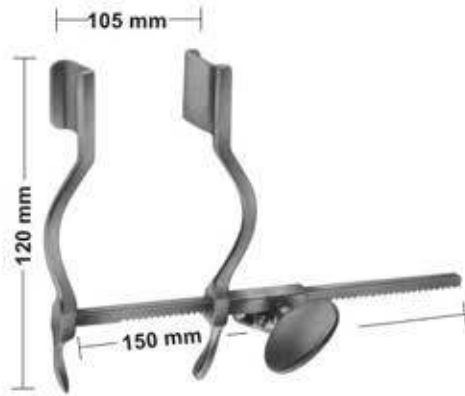


06-254
INGE
275 mm

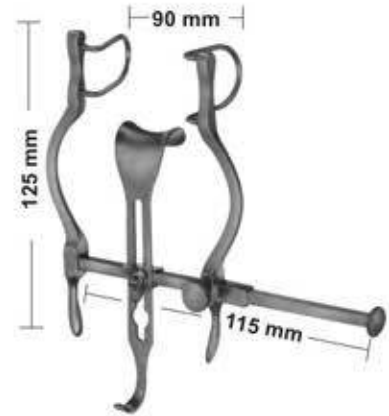
Abdominal Retractors



06-255
GOSSET
Blades: 38 mm deep



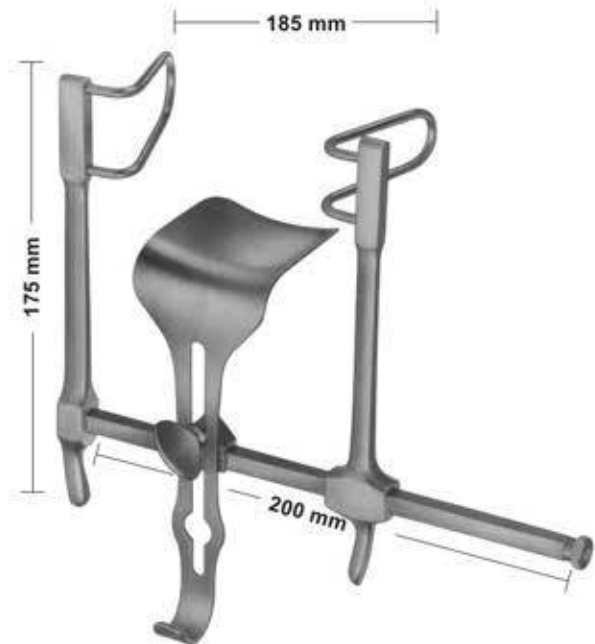
06-256
HERTZLER
Blades 20 X 25 mm



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

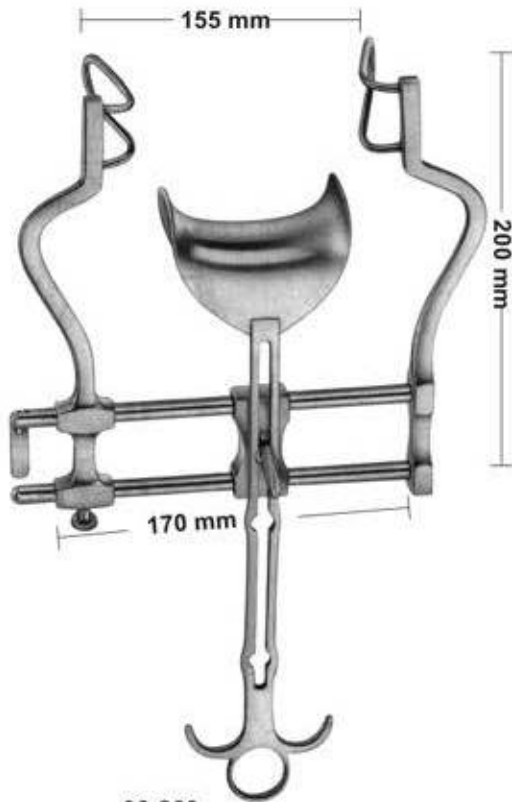


06-258
GOSSET
Blades: 55 mm deep

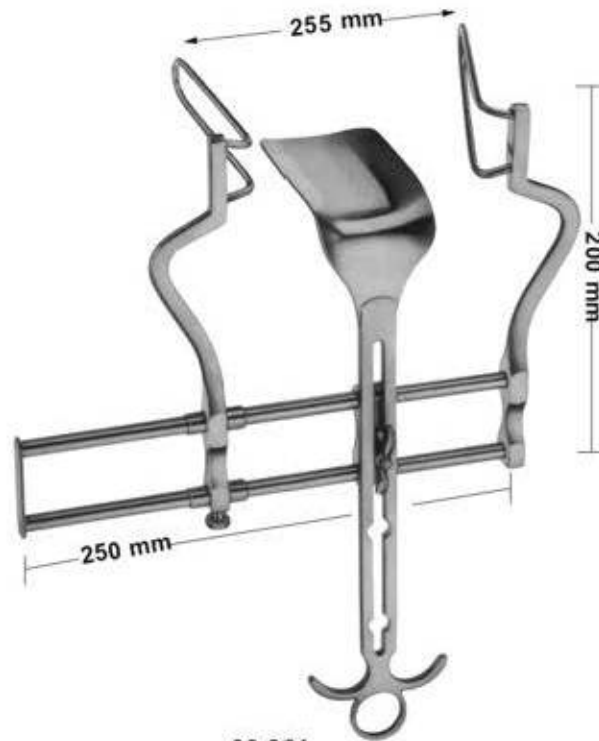


06-259
GOSSET
Lateral blades 58 mm deep
Center blade 59 x 57 mm

Abdominal Retractors



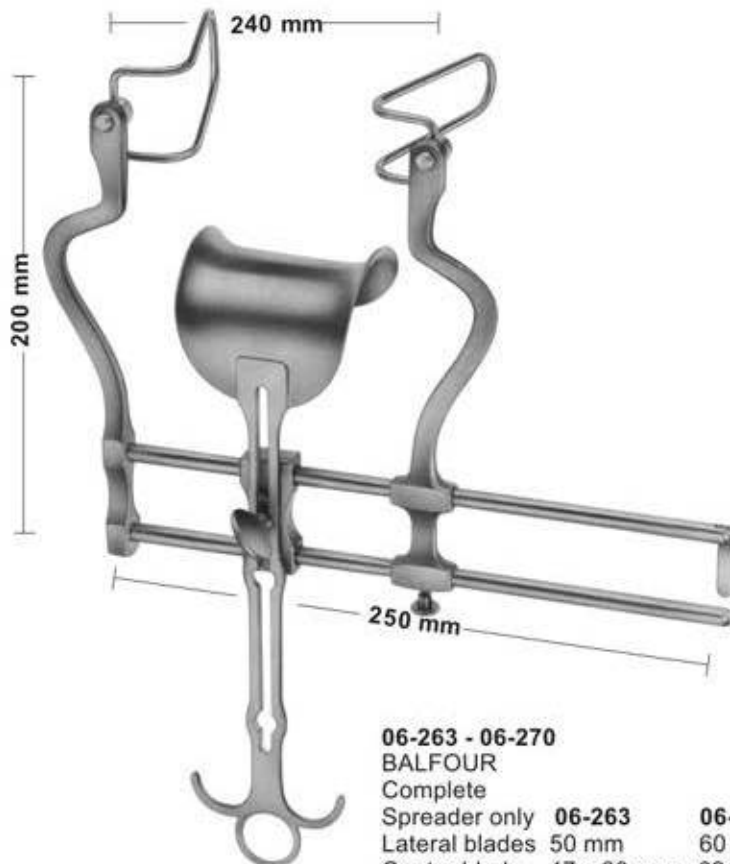
06-260
BALFOUR
Lateral blades 60 mm deep
Center blade 47 x 80 mm



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



06-262
Center blade only
54x80 mm



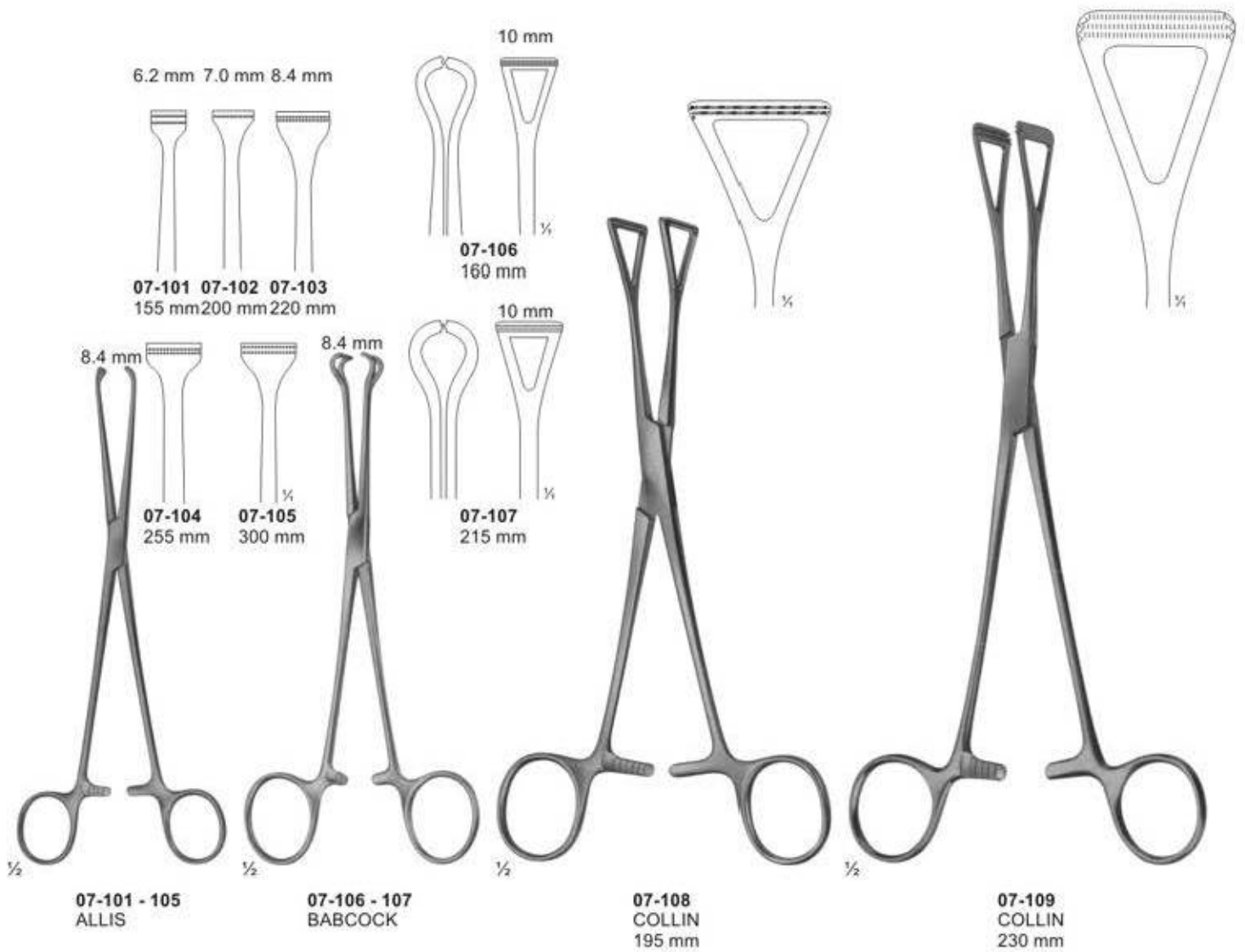
06-263 - 06-270
BALFOUR
Complete
Spreader only

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



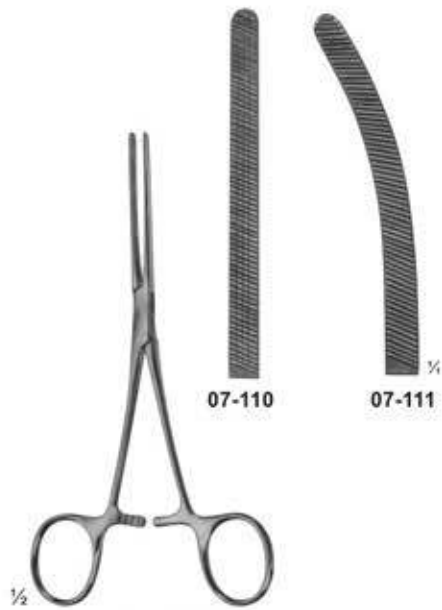
Lateral blades
06-267 50 mm deep
06-268 60 mm deep
06-269 75 mm deep
06-270 90 mm deep
 Sales Unit of blades: PR = pair

Organ-, Tissue and Intestinal Grasping Forceps

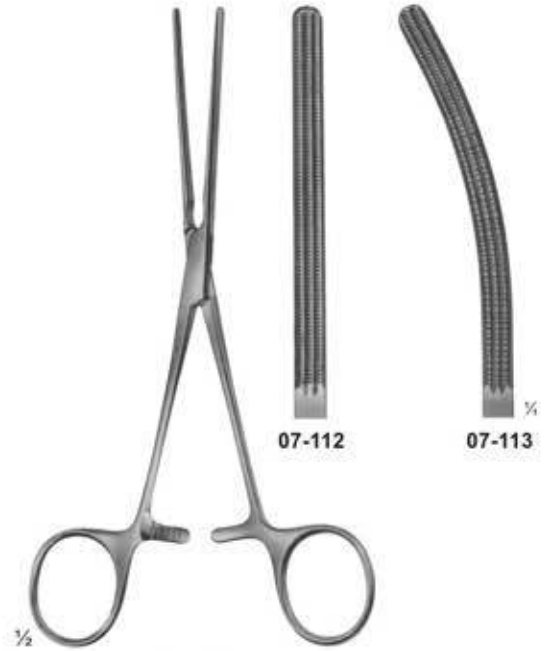


Intestinal Clamps, soft elastic

ATRAUMATA

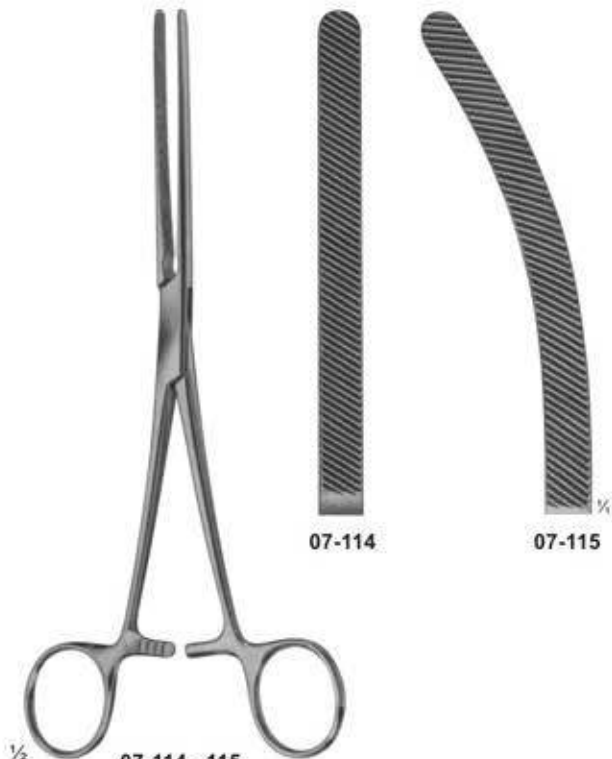


07-110 - 111
DOYEN
elastic
165 mm



07-112 - 113
DOYEN
with elastic blades
170 mm

ATRAUMATA



07-114 - 115
HARTMANN
with elastic blades
200 mm



07-116 - 117
HARTMANN
with elastic blades
200 mm

Intestinal and Pylorus Clamps



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

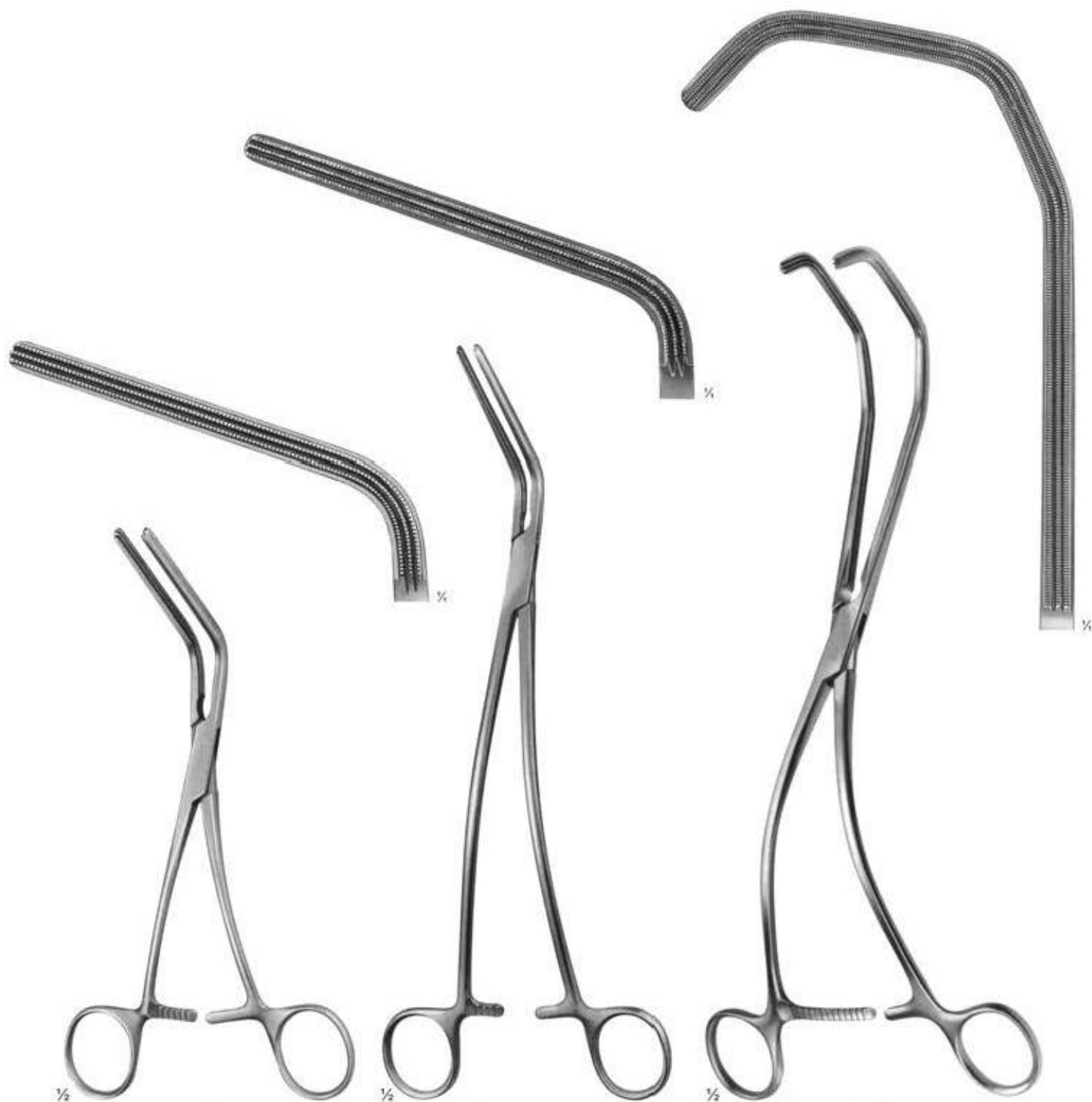
07-119
PAYR
200 mm

07-120
PAYR
275 mm

07-121
PAYR
Pylorus clamp
315 mm

ATRAUMATA

Sigmoid Anastomosis Forceps



1/2

07-122
MORRIS
175 mm

1/2

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

1/2

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

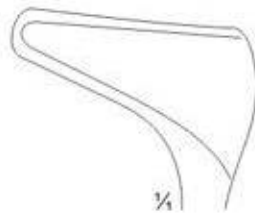


Fig. 1
14 cm 5 4/8"
35 mm

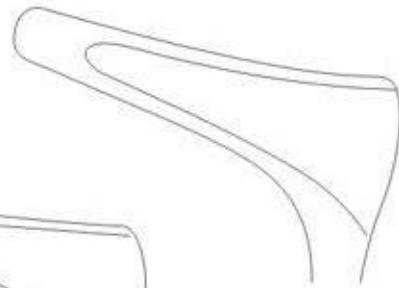


Fig. 2
14,5 cm / 5 4/8"
50 mm

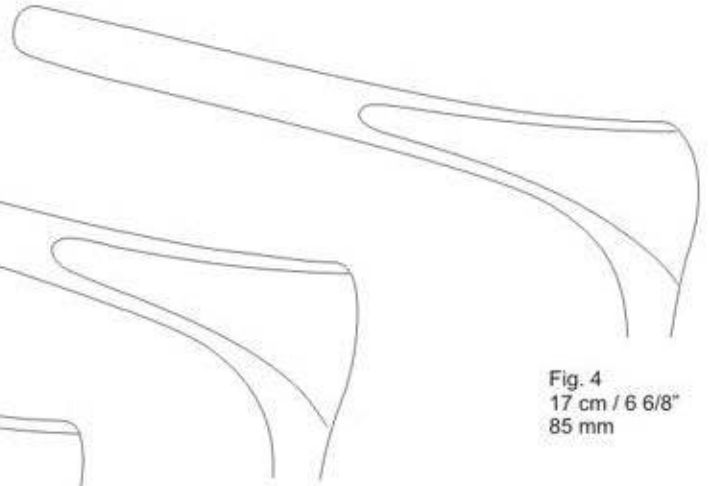


Fig. 3
16 cm / 6 2/8"
75 mm

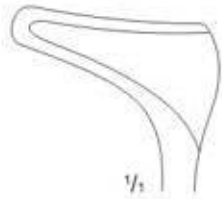
Fig. 4
17 cm / 6 6/8"
85 mm

Nasal Specula



1/2

08-105
Cottle



1/2

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

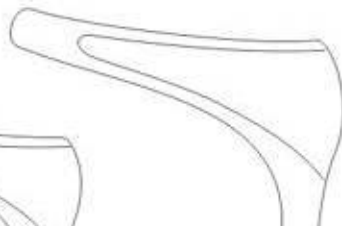


Fig. 2
14 cm / 5 4/8"
50 mm

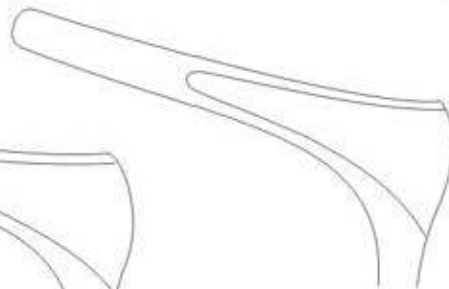


Fig. 3
16 cm / 6 2/8"
75 mm

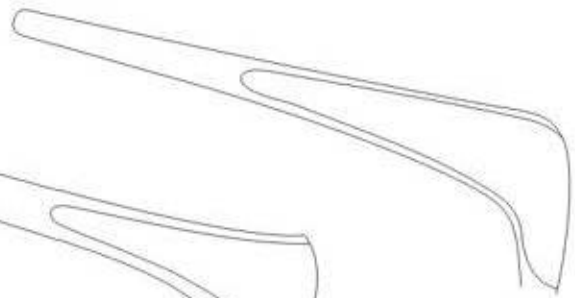


Fig. 4
16 cm / 6 2/8"
85 mm



1/2

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

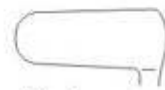


Fig. 1
21,0 x 9,5 mm



Fig. 2
21,0 x 10,5 mm

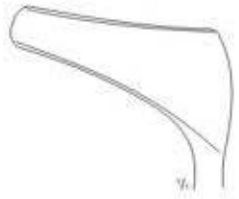


Fig. 3
21,0 x 11,5 mm



1/2

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



1/2

30 mm



Fig. 1
27 mm



Fig. 2
31 mm

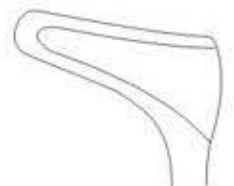


Fig. 3
35 mm

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

Anuscopes-Sphincteroscopes



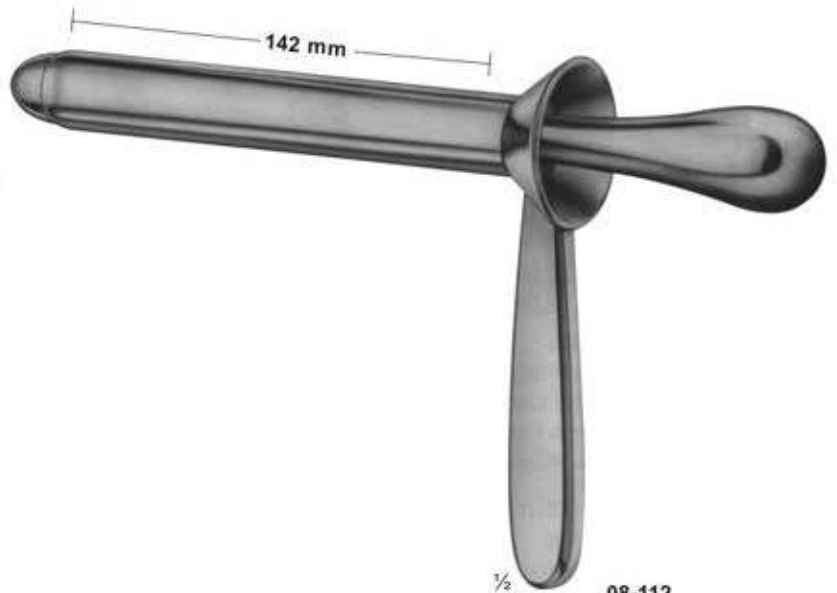
08-109
IVES-FANSLER
Anuscops
145 mm
Ø24mm



08-110
KELLY
Sphincteroscope
160 mm
Ø21mm



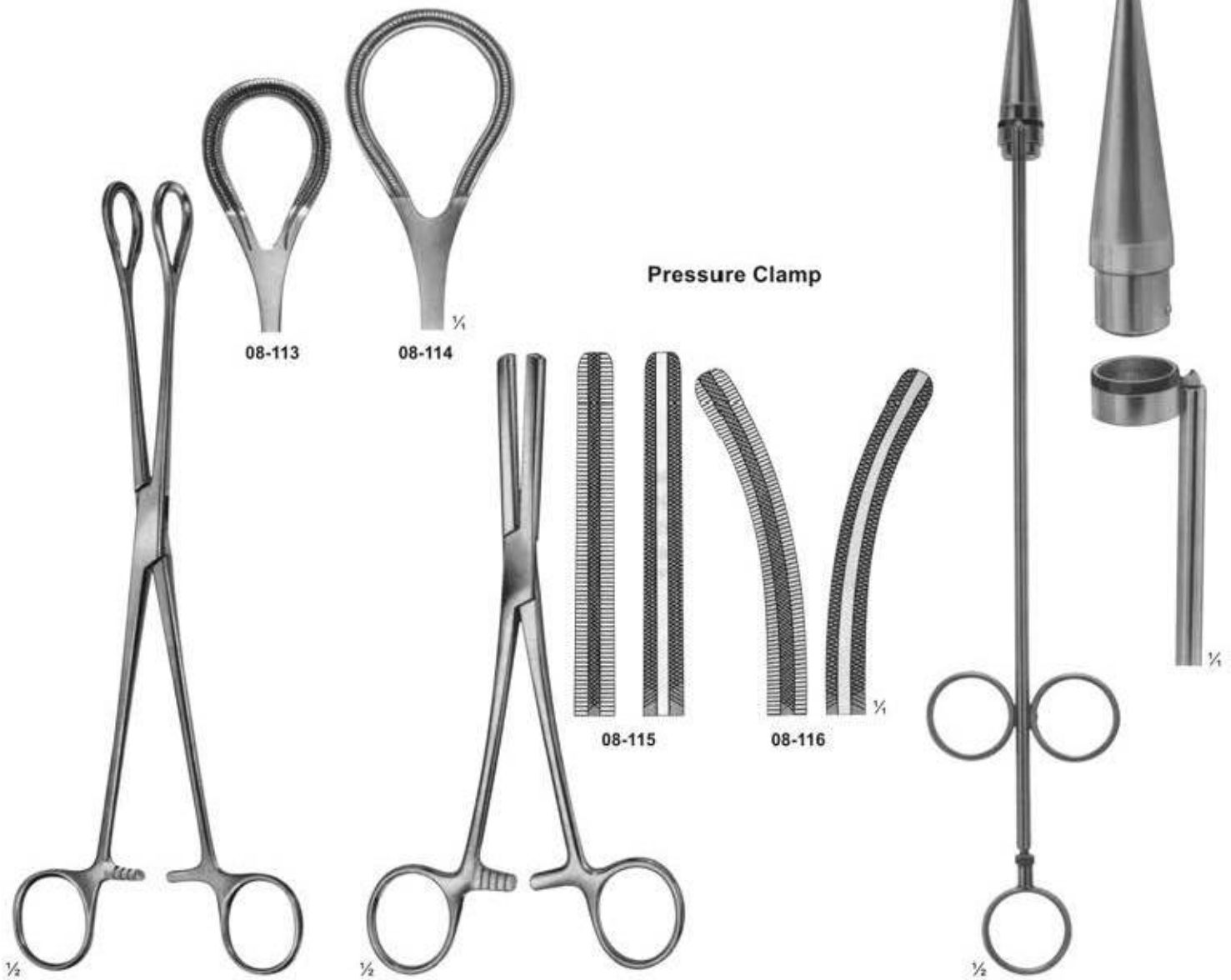
08-111
KELLY
Sphincteroscope
160 mm
Ø27mm



08-112
KELLY
Proctoscope
140 mm
Ø22mm

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

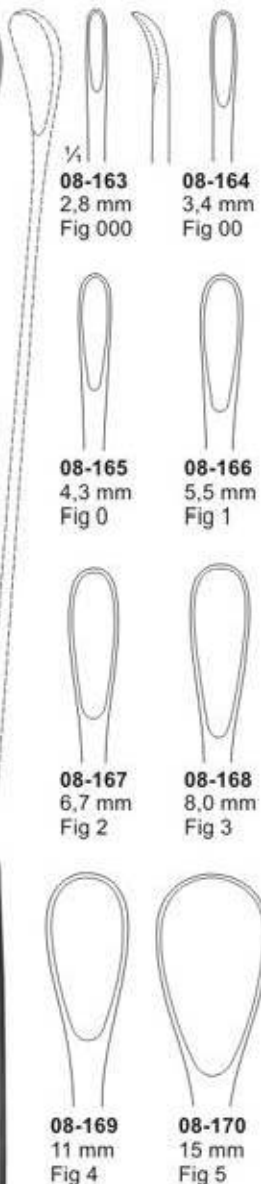
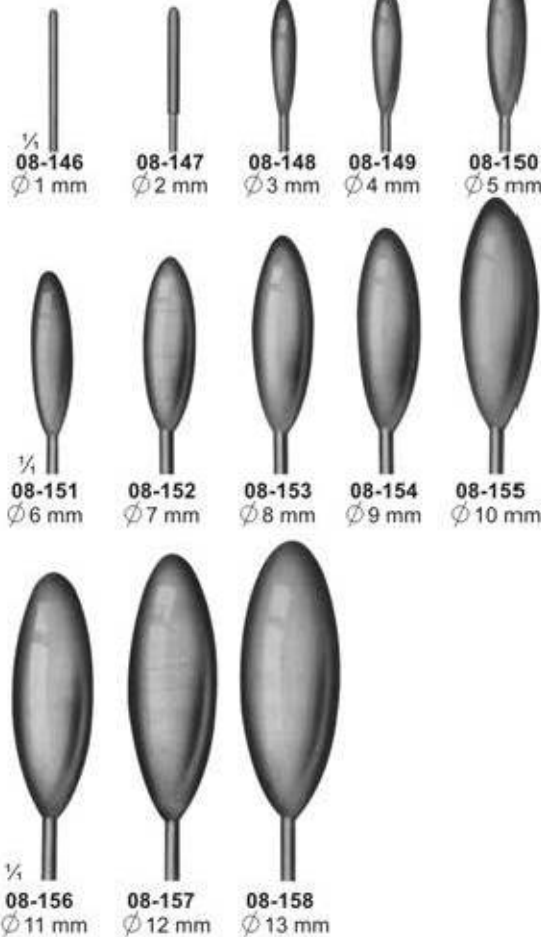
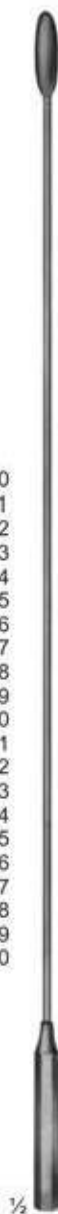


08-122
NISSEN
Gall duct-and cystic forceps
215 mm

Gall Duct Dilators and Gall Stone Scoops



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



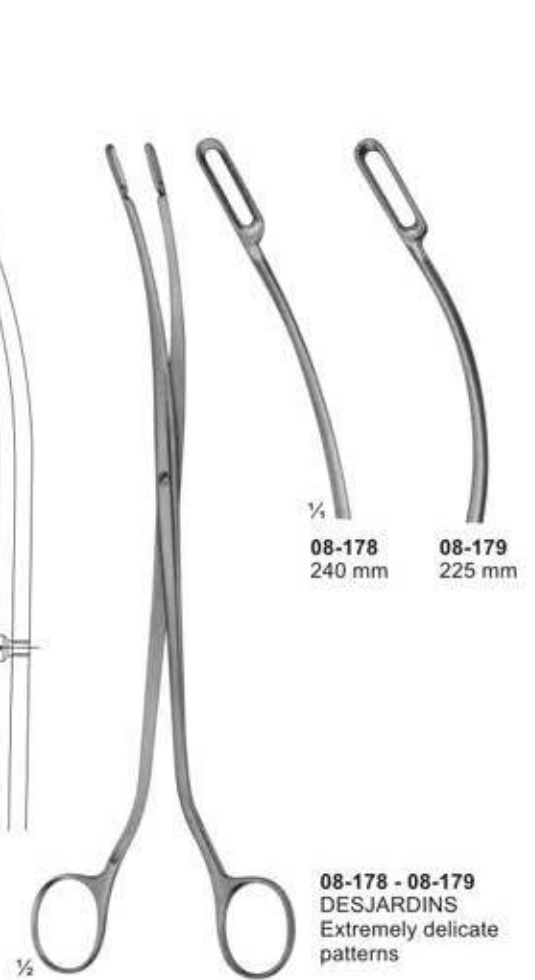
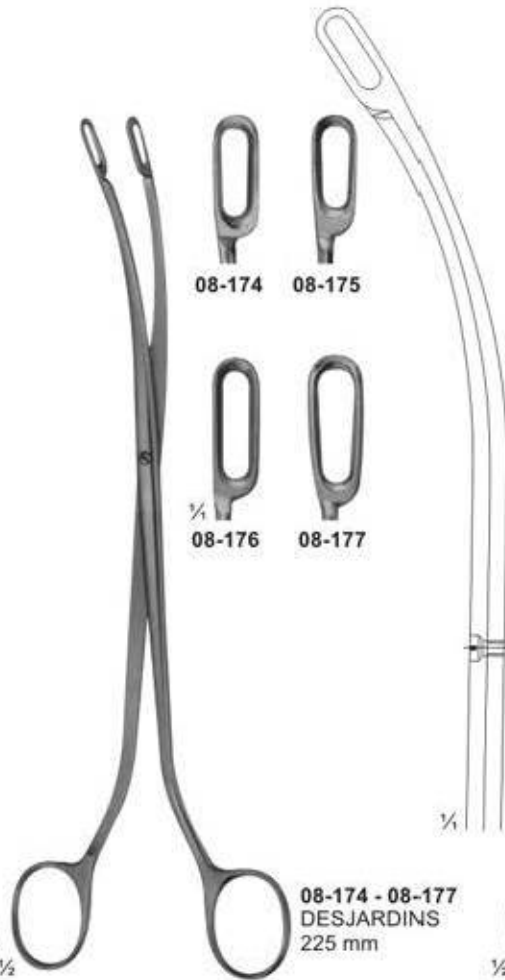
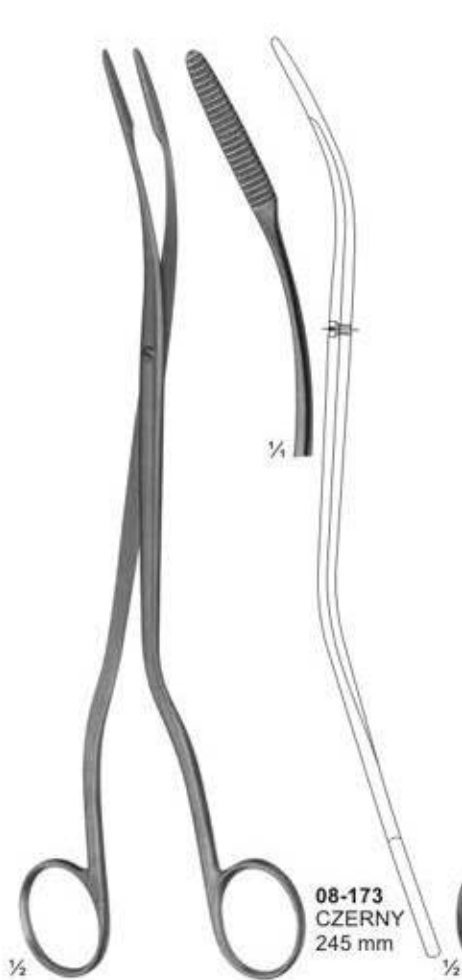
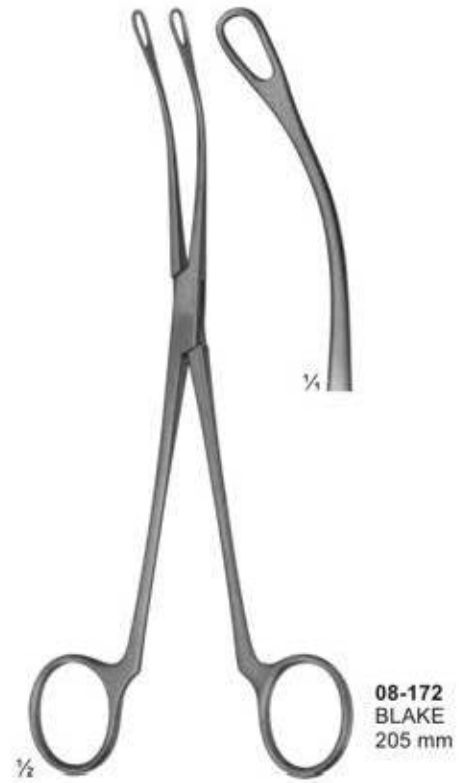
08-123 - 08-145
DITTEL
Metall bougies and
dilating sounds, stiff
345 mm

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

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

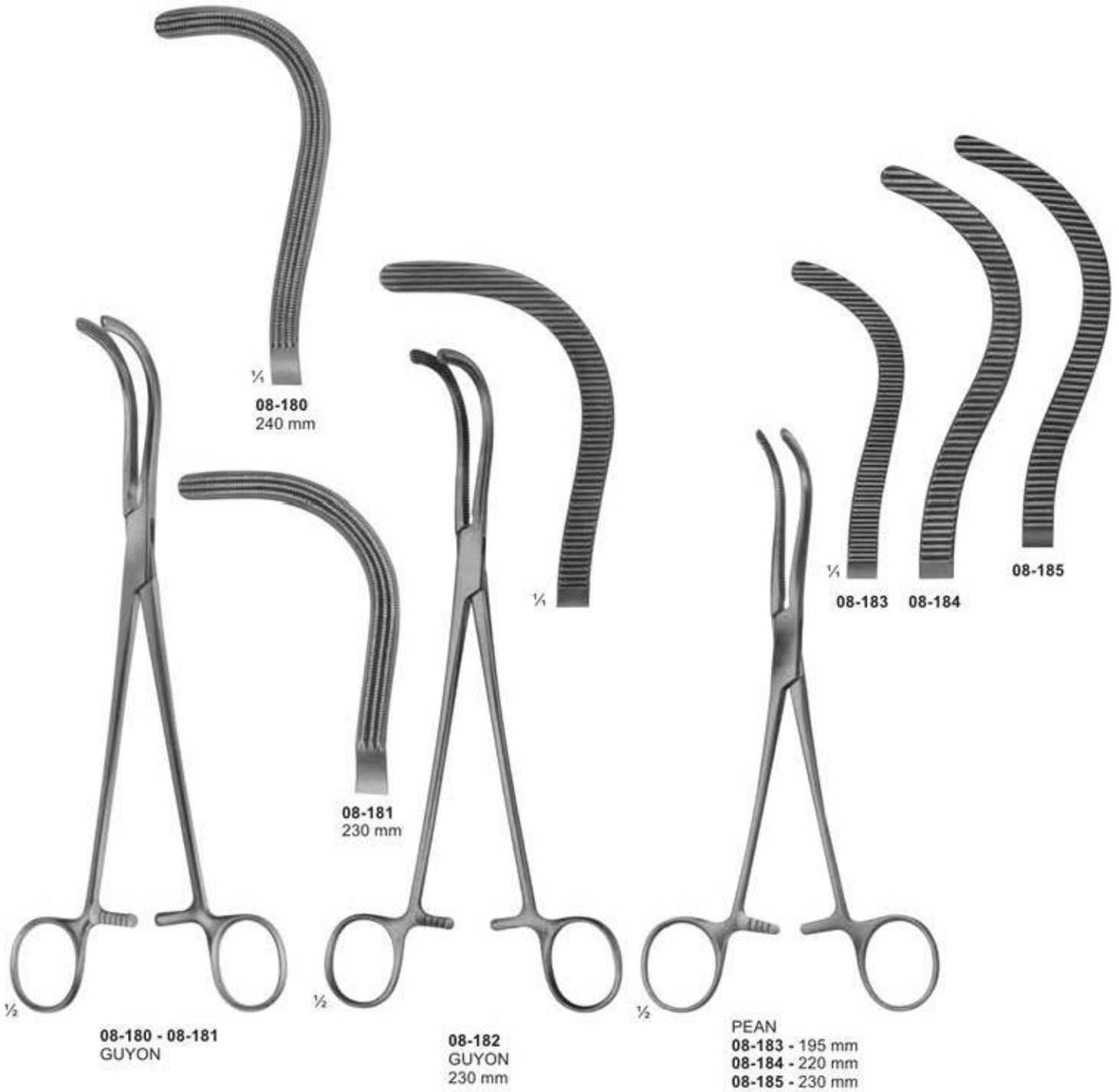
08-163 - 08-170
LUER-KOERTE modif
with malleable shaft
310 mm

Gall Stone Forceps



Kidney Clamps

ATRAUMATA



Kidney Stone Forceps



08-186



08-187



08-188



$\frac{1}{4}$
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



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



09-107
Universal trocar
with 4 tips



NELSON



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

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



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



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



09-123
PIERCE
Antrum trocar
 $\phi 4,0$ mm

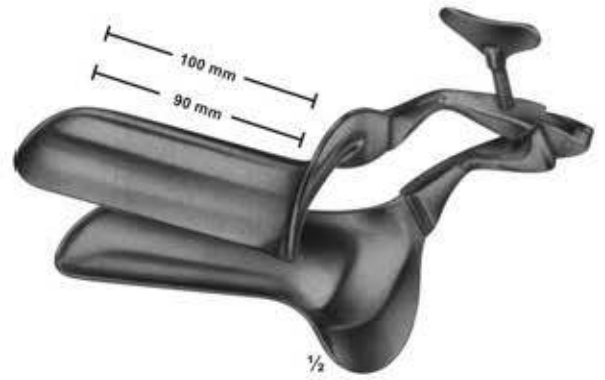


09-124
COAKLEY
Antrum trocar
3,0 mm

Vaginal Specula



10-101
COLLIN
for children
53 x 10 mm



10-102 - 105
COLLIN

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

 Total length/working length width



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



10-107
CUSCO
for virgins
75 x 17 mm



10-108
CUSCO
for virgins
75 x 17 mm



Swiss patterns
features: long and narrow

10-109 - 111
CUSCO

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

Vaginal Specula- Sets, upper and lower blades



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

1/2



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

1/2



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

1/2



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

1/2



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

1/2



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

1/2



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

1/2

Vaginal Specula- upper and lower blades



10-132 75X10 mm
175 mm

10-136 70X15 mm
175 mm

10-133 75X23 mm
180 mm

10-137 70X27 mm
180 mm

10-134 80X25 mm
180 mm

10-138 75X30 mm
180 mm

10-135 100X32 mm
185 mm

10-139 90X36 mm
185 mm

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

10-132 - 10-135
KRISTELLER
Upper blades

10-136 - 10-139
KRISTELLER
Lower blades

Vaginal Specula



1/2

10-140 - 143
DOYEN
235 mm

10-140
60 X 45 mm

10-141
90 X 45 mm

10-142
112 X 45 mm

1/4

1/4

1/2

10-143 - 10-153
DOYEN
240 mm

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

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



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

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



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

11-144 - 152
HEGAR
205 mm



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

Uterine Probes

5 mm



11-154
MAYO
malleable
330 mm

4 mm



11-155
SIMS
malleable
330 mm

3 mm



11-156
MARTIN
330 mm

4 mm



11-157
SIMPSON
malleable
silver-plated
290 mm



11-158
BRAUN
Uterine
depressor
270 mm

24 mm



11-159
Cotton
applicator
270 mm

Uterine Dressing Forceps



11-160
PELMANN
260 mm



11-161
PELMANN
260 mm



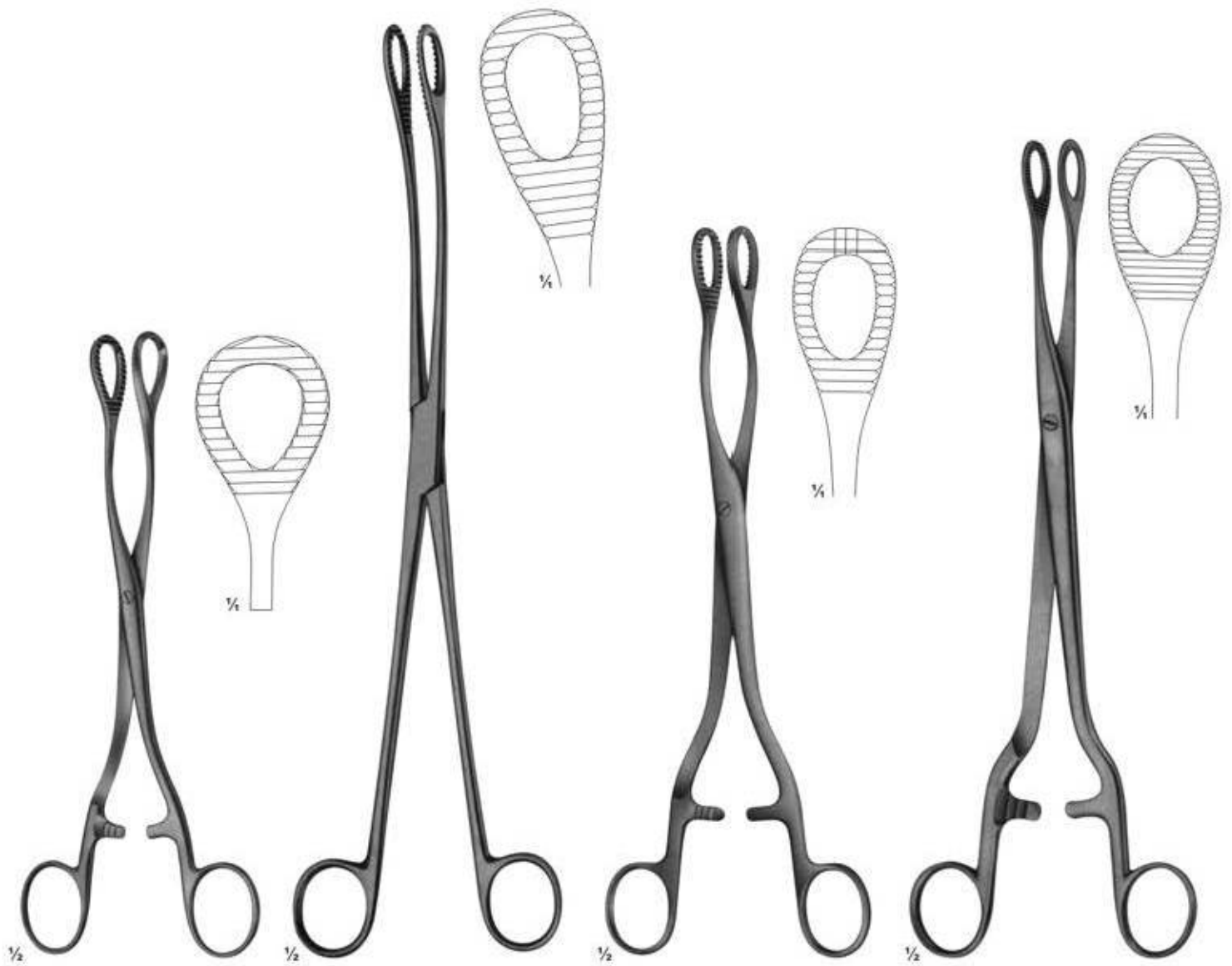
11-162
BOZEMANN
250 mm



11-163
BOZEMANN
255 mm

Jaws with longitudinal groove

Polypus-and Ovum Forceps



11-164
HEYWOOD-SMITH
200 mm

11-165
KELLY
320 mm

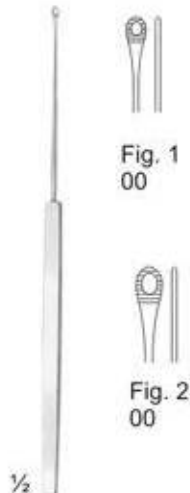
11-166
HEYWOOD-SMITH
250 mm

11-167
NOTO
280 mm

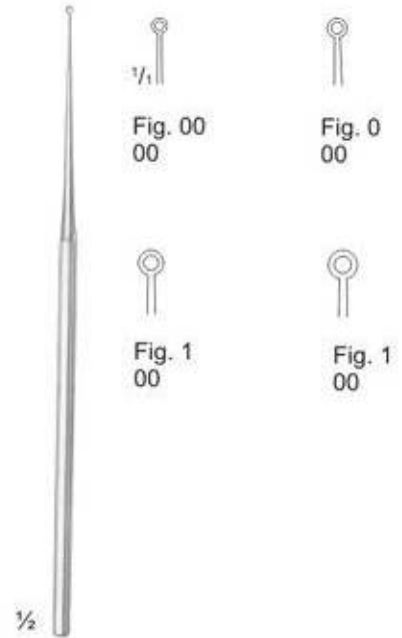
Ear Curettes



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



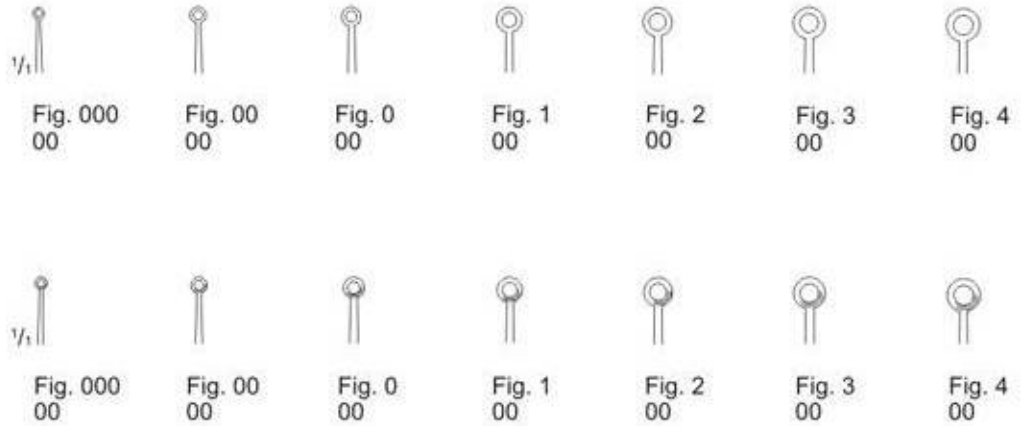
12-102
Shapleigh
15 cm / 5 1/8"



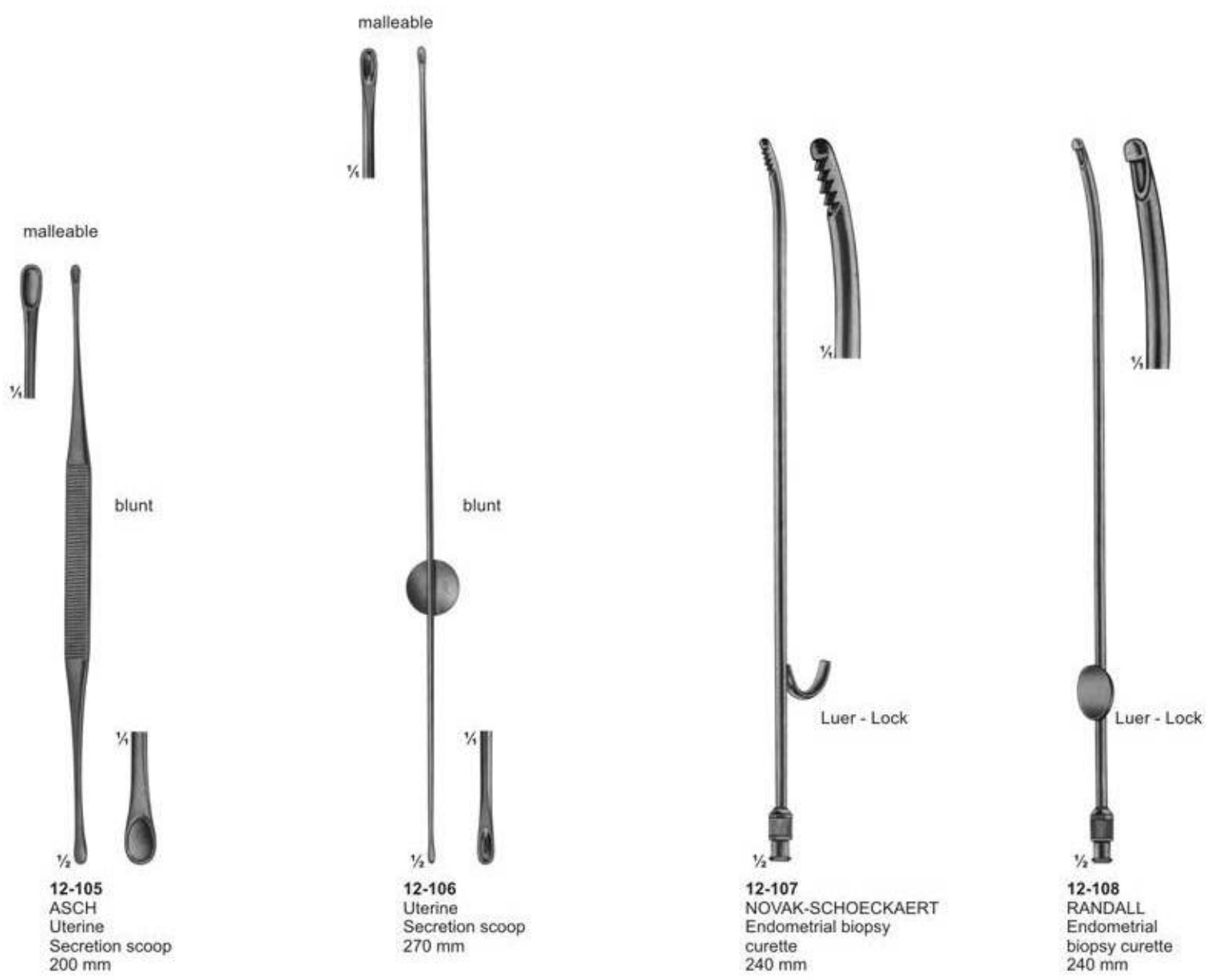
12-103
Buck
17cm / 6 6/8"



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



Biopsy Curettes



12-105
ASCH
 Uterine
 Secretion scoop
 200 mm

12-106
Uterine
 Secretion scoop
 270 mm

12-107
NOVAK-SCHOECKAERT
 Endometrial biopsy
 curette
 240 mm

12-108
RANDALL
 Endometrial
 biopsy curette
 240 mm

Ear Polypus Forceps



12-109
Hartmann-Wullstein
shaft length
85 mm



12-110
Hartmann-Wullstein
shaft length
85 mm



12-111
Hartmann
shaft length
85 mm



12-112
Hartmann
shaft length
85 mm



$\frac{1}{2}$
12-109 - 12-119

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



$\frac{1}{4}$
12-114
Hartmann-Herzfel
2,0 mm
shaft length
85mm



12-115
Hartmann
3 mm
shaft length
85mm



12-116
shaft length
85mm

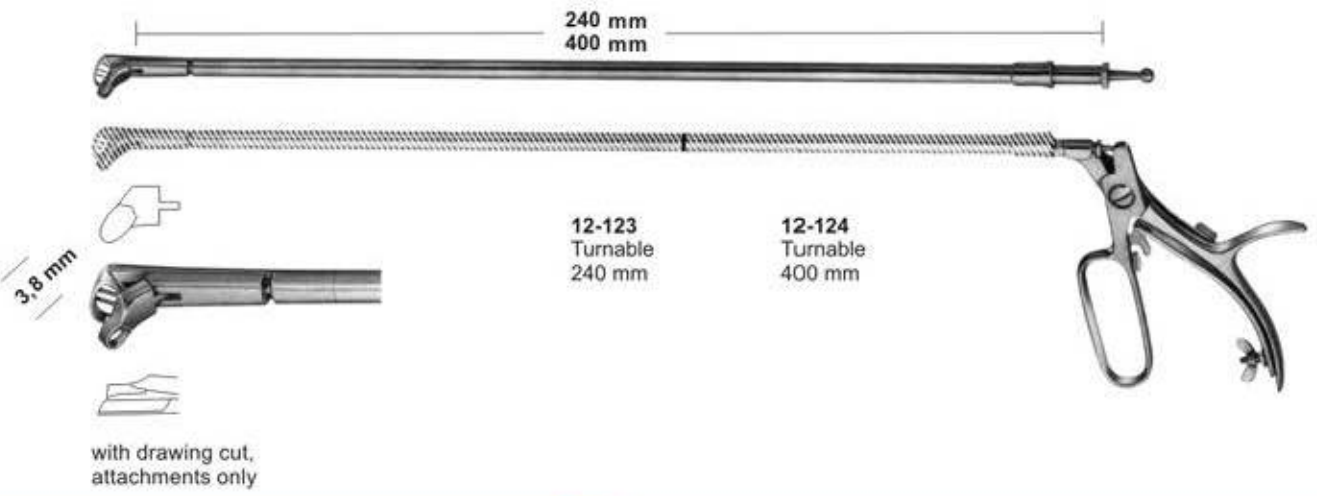
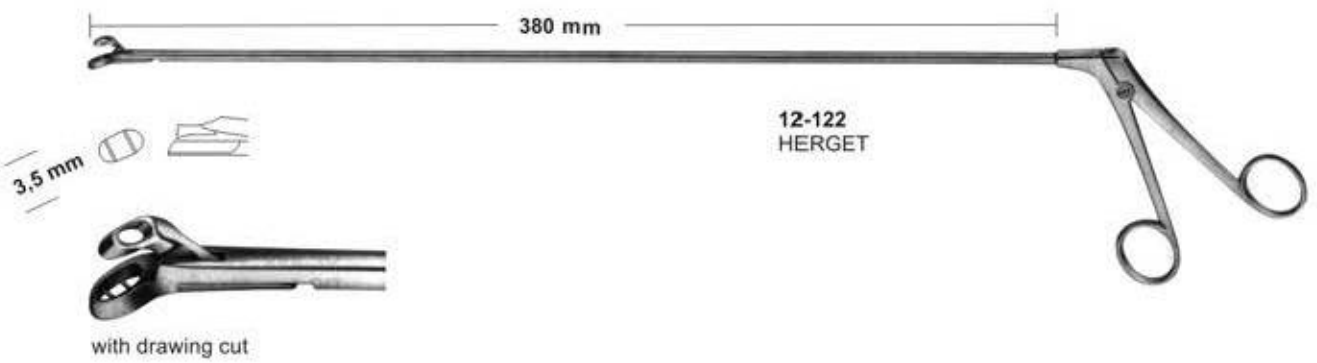
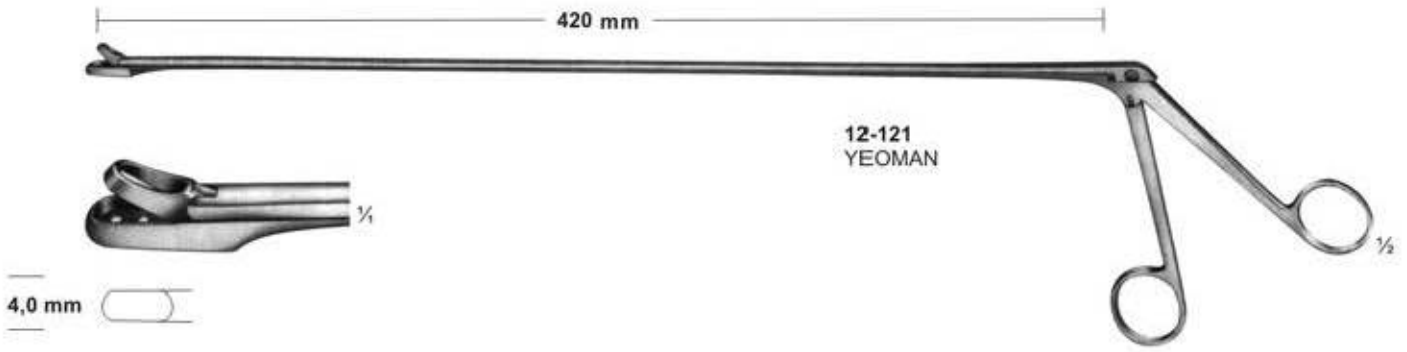
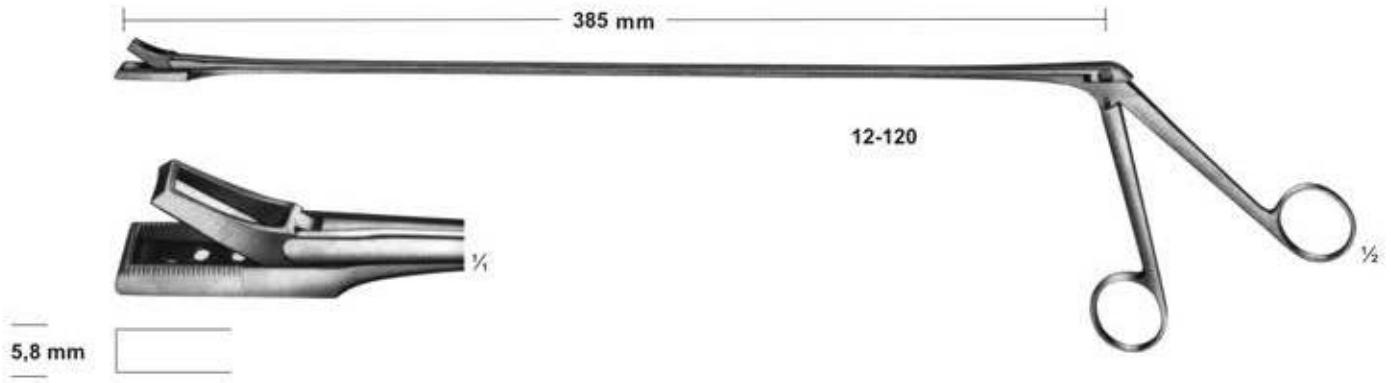


12-117
Hartmann-Hoffmar
2,0 mm
85mm

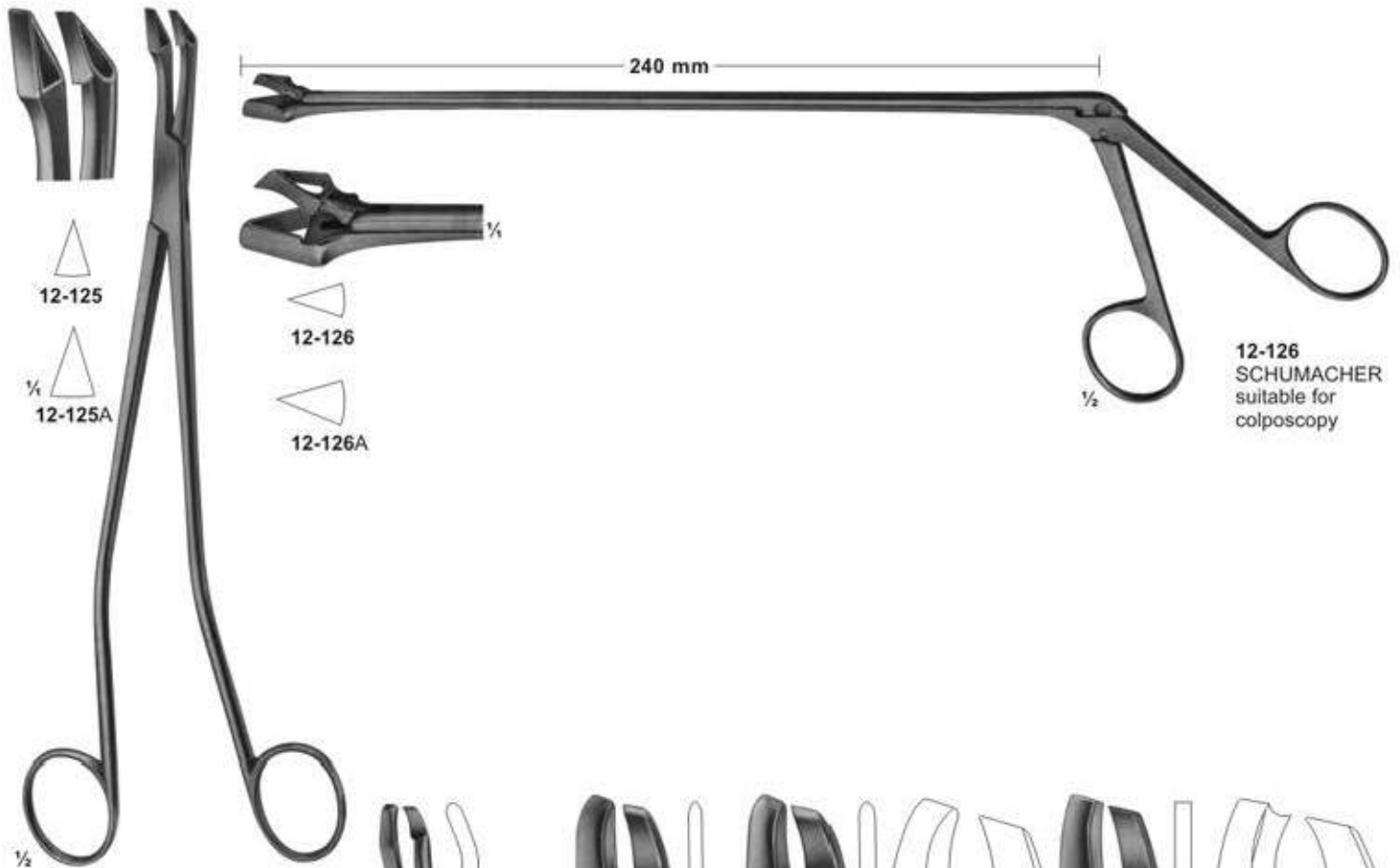
12-118
2,5 mm
85 mm

12-119
3,0 mm
85 mm

Biopsy forceps for rectum



Biopsy Forceps



12-125

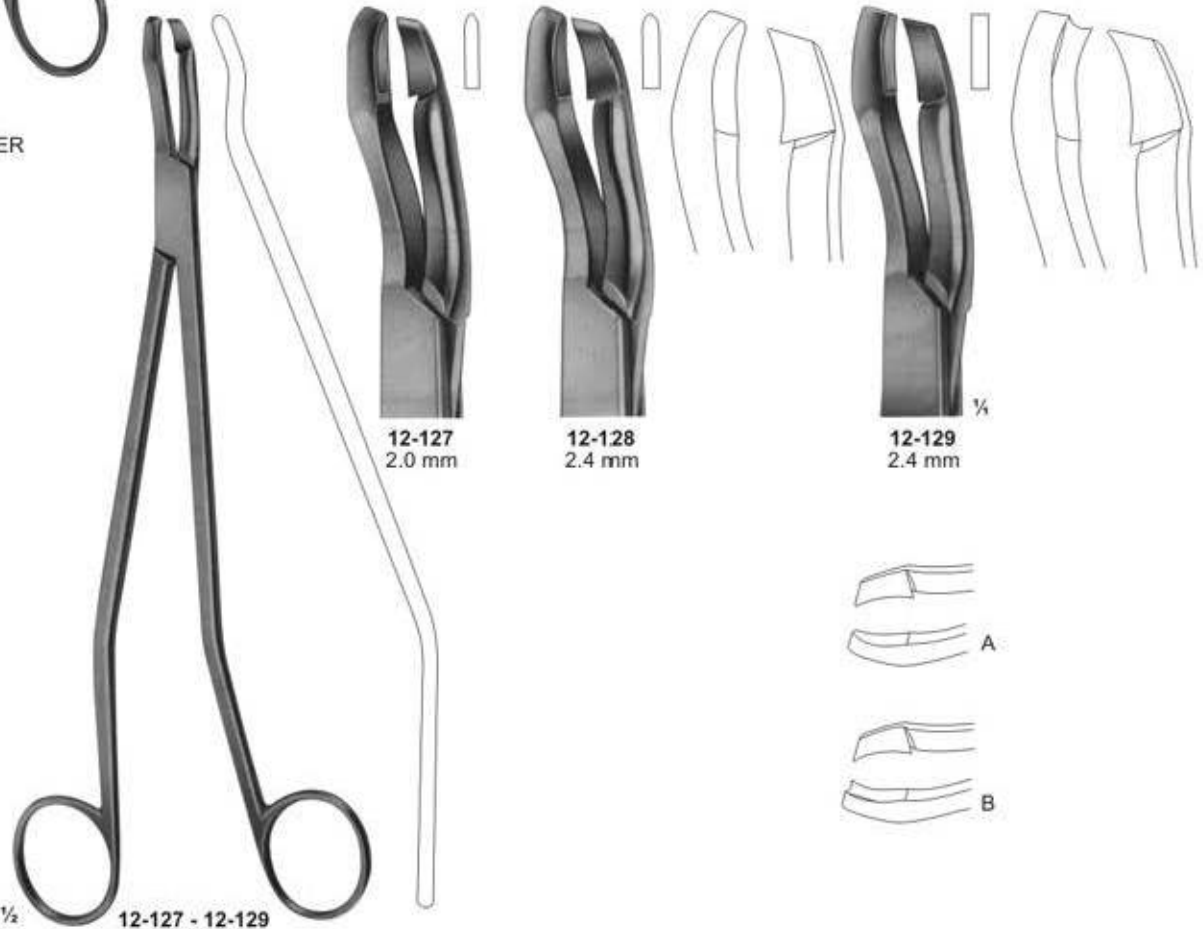
12-125A

12-126

12-126A

12-126
SCHUMACHER
suitable for
colposcopy

12-125
SCHUMACHER
240mm

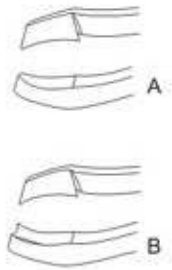


12-127
2.0 mm

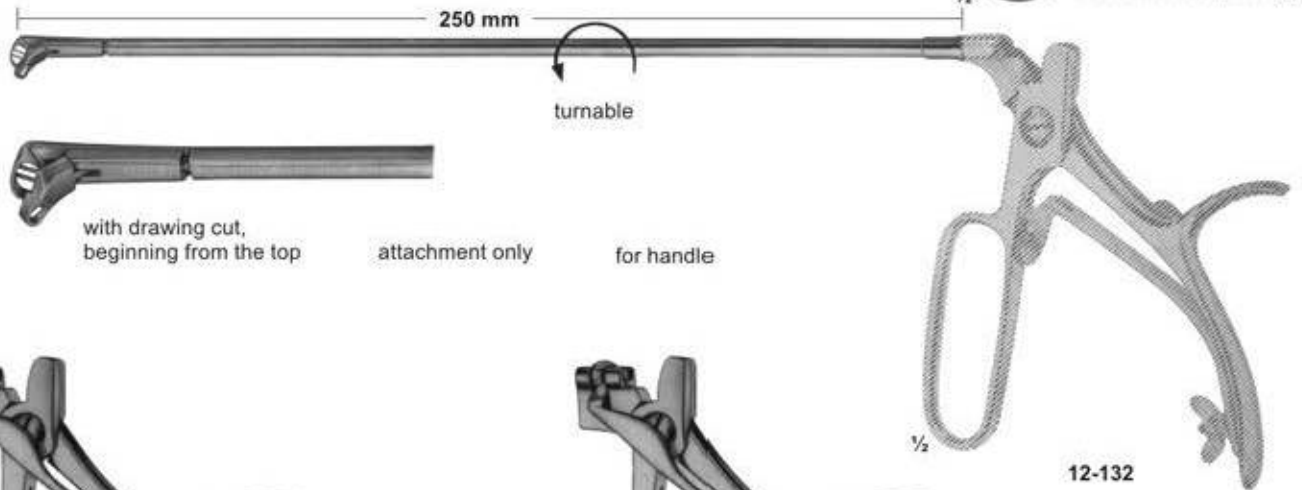
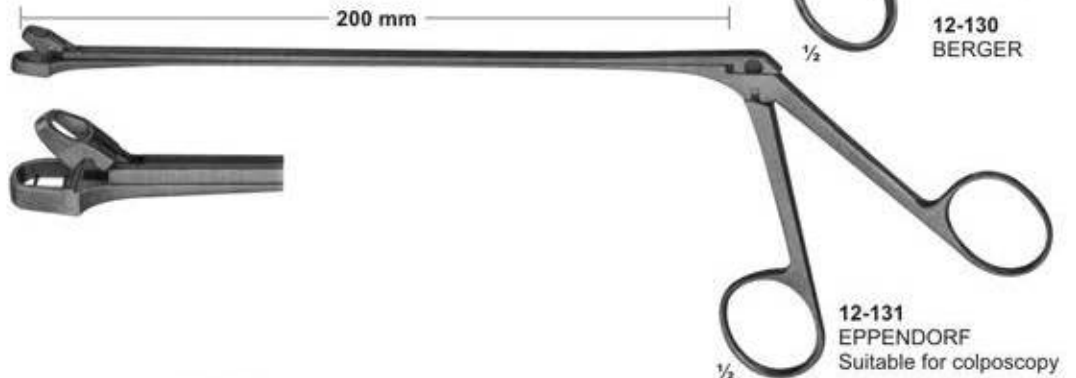
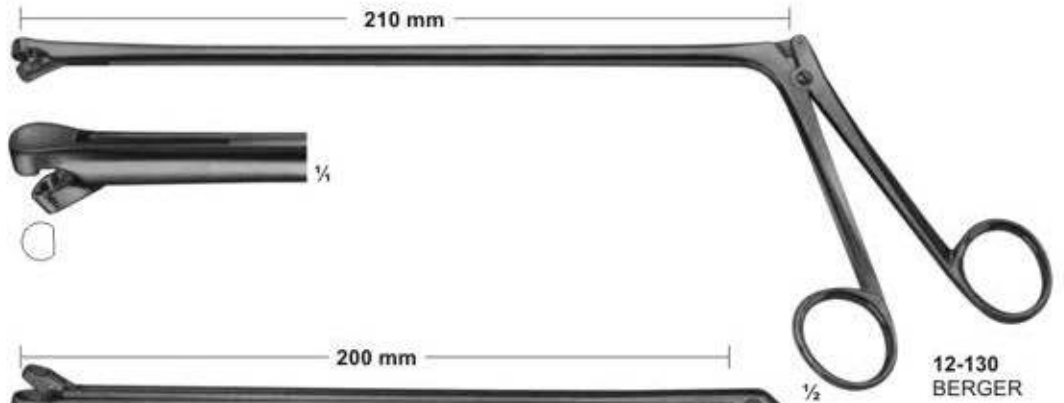
12-128
2.4 mm

12-129
1/4

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



Biopsy Forceps



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)

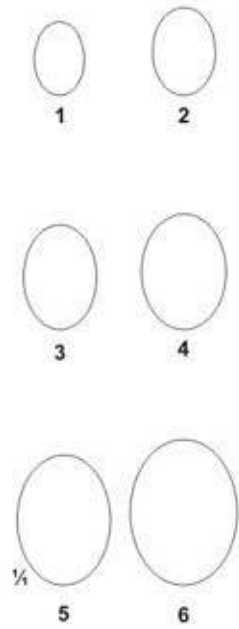


△ **12-139 SCHUMACHER** (Biopsy tip)
 with drawing cut

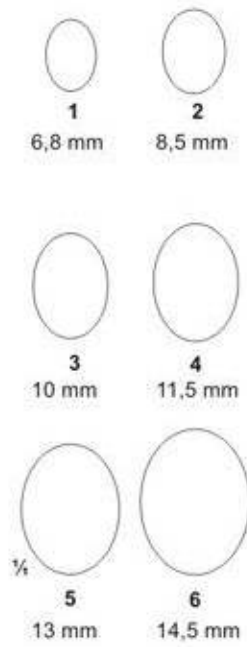
Uterine Scoops



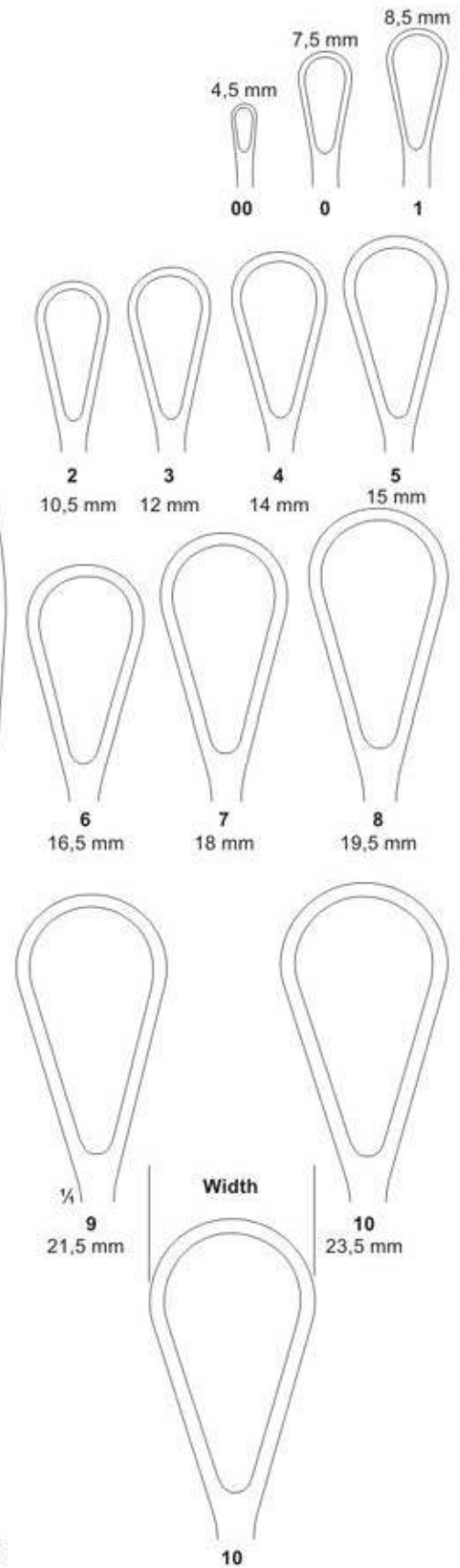
1/2
12-140
SIMON
240 mm



1/2
12-141
SCHROEDER
310 mm



1/2
12-142
RECAMIER
300 mm



Obstetrical Forceps



13-101
NAEGELE
355 mm



13-102
NAEGELE
400 mm



13-103
SIMPSON-BRAUN
305mm

Obstetrics- Placenta and Ovum Forceps

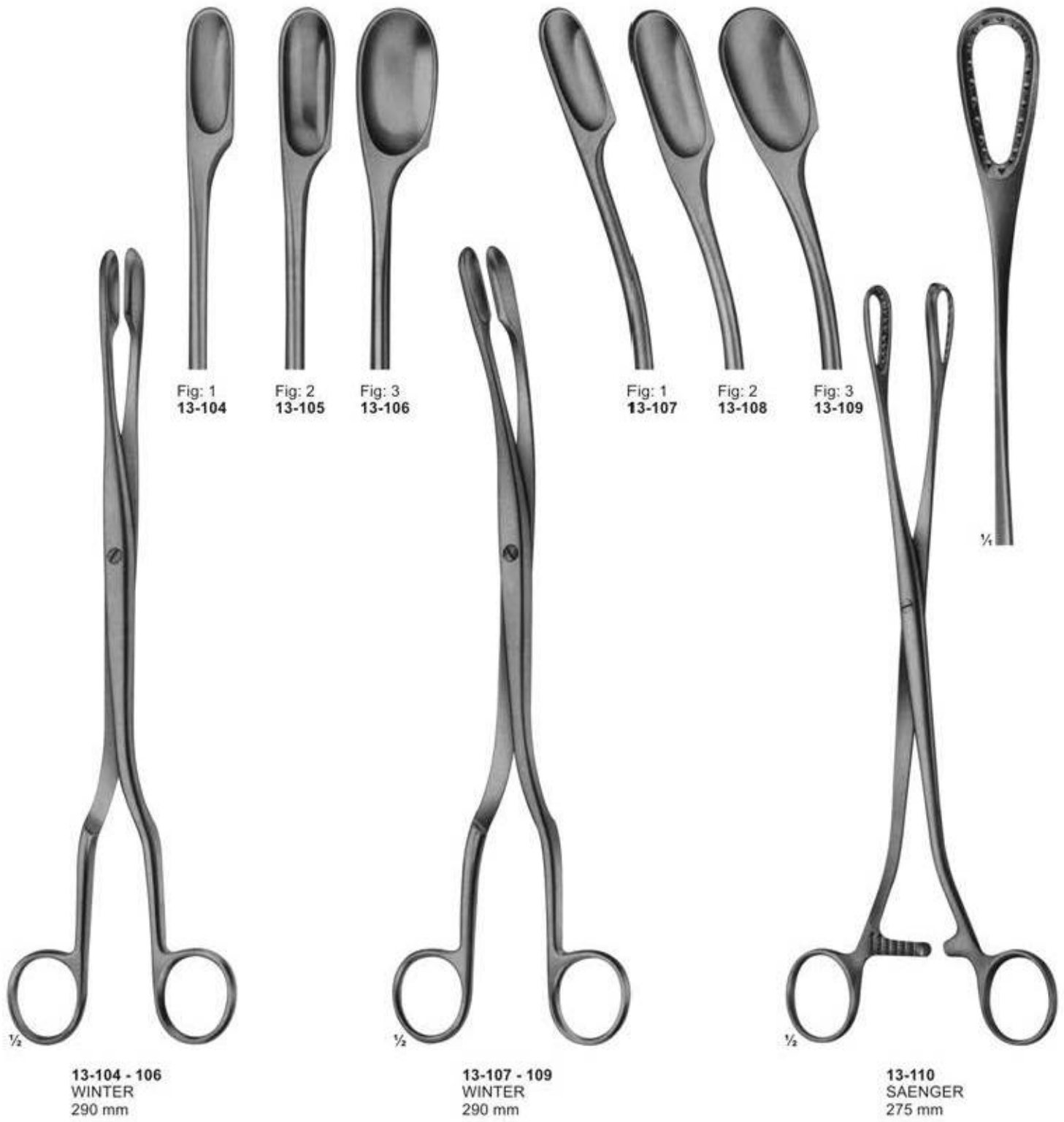


Fig: 1
13-104

Fig: 2
13-105

Fig: 3
13-106

Fig: 1
13-107

Fig: 2
13-108

Fig: 3
13-109

13-104 - 106
WINTER
290 mm

13-107 - 109
WINTER
290 mm

13-110
SAENGER
275 mm

Tound-and Tracheal Hooks and Dilators



13-111
BOSE
165 mm



13-112
BOSE
165 mm



13-113 - 115
180 mm

13-113
sharp



13-114
blunt



13-115
stumpf/blunt



13-116
FINSEN
50 mm



13-117
FINSEN
70 mm



13-118
TROUSSEAU
120 mm



13-119
LABORDE
125 mm



13-120
LABORDE
strong pattern
135 mm



13-121
Cleaning Brush
for tracheal tubes
285 mm

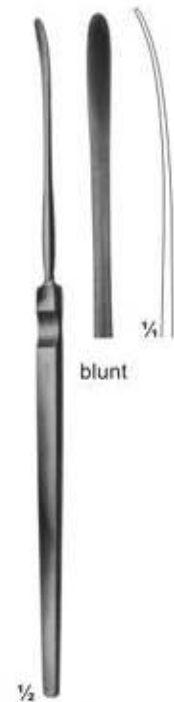
Vascular Spatulas



14-101
185 mm
14-102
215 mm



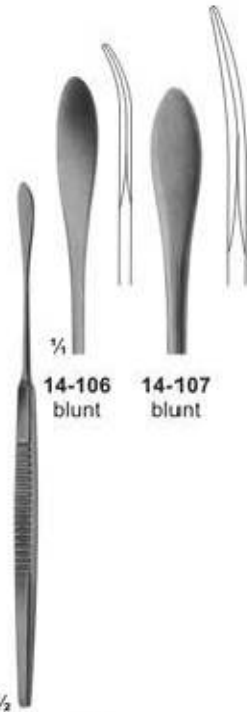
14-103
230 mm



14-104
HALLE
180 mm



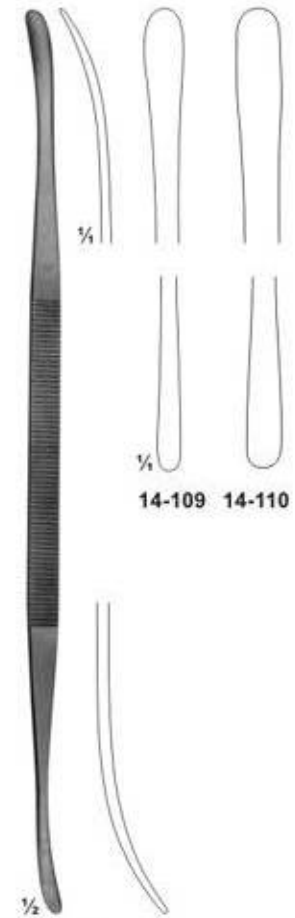
14-105
FREER
sharp/blunt
185 mm



14-106 - 107
SCHMID
140 mm
235 mm



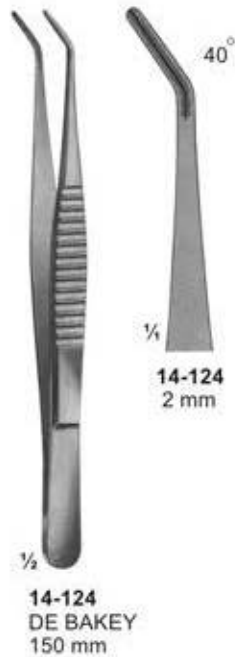
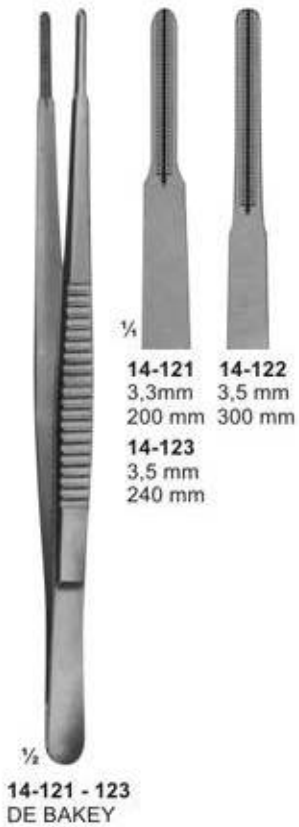
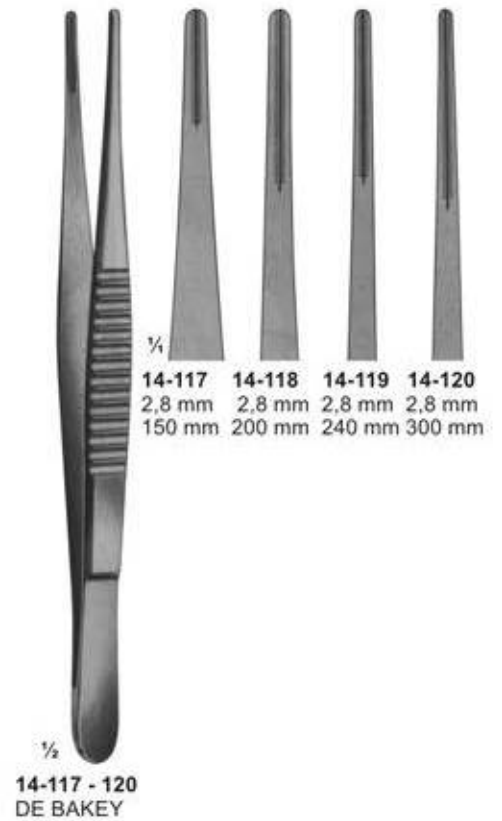
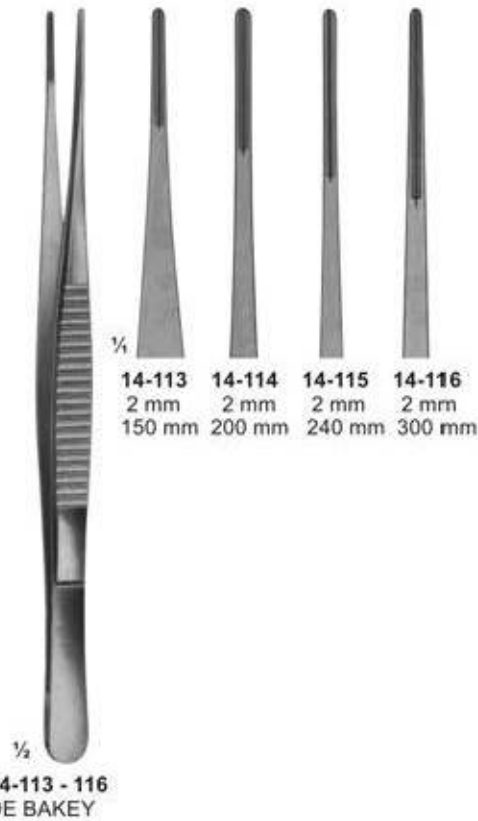
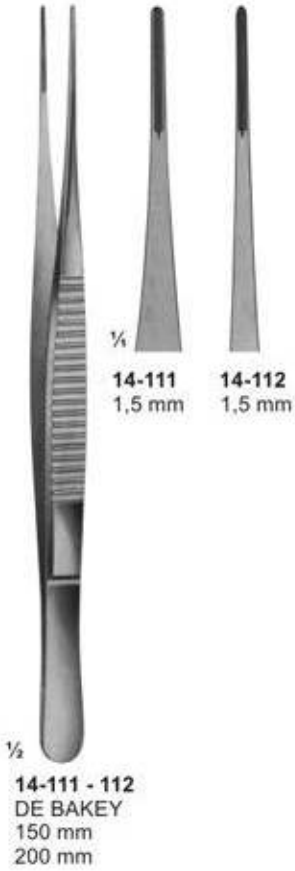
14-108
DAVIS
245 mm



14-109 - 110
TOENNIS
240 mm

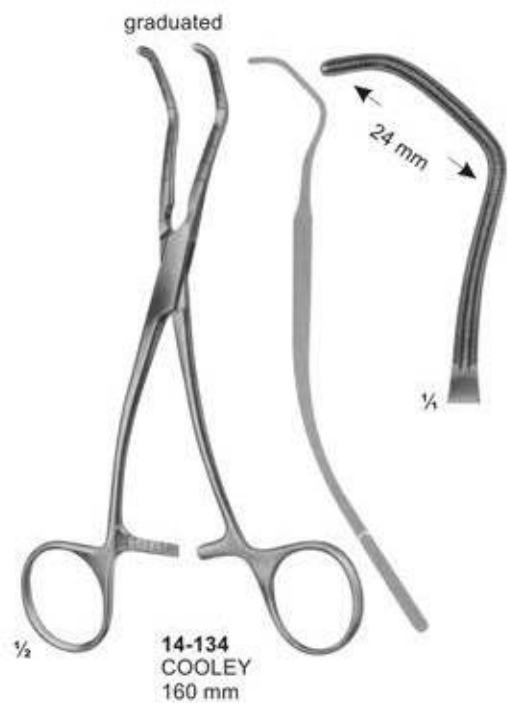
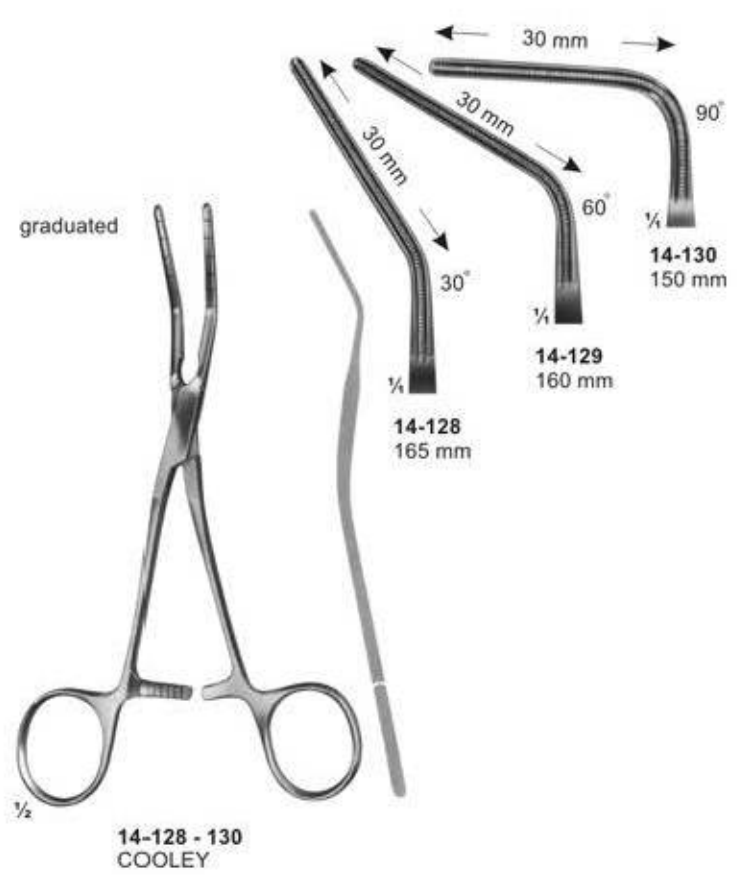
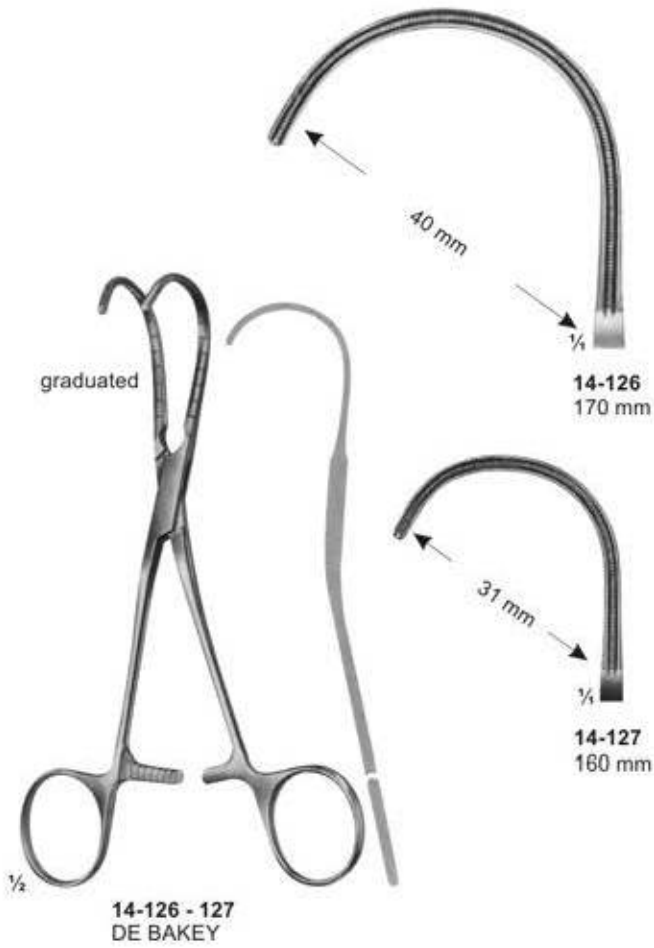
ATRAUMATA Forceps

INSTRUMENTS Co.



ATRAUMATA

Anastomosis- and Multi-Purpose- Clamps- Pediatric types



ATRAUMATA

Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamps



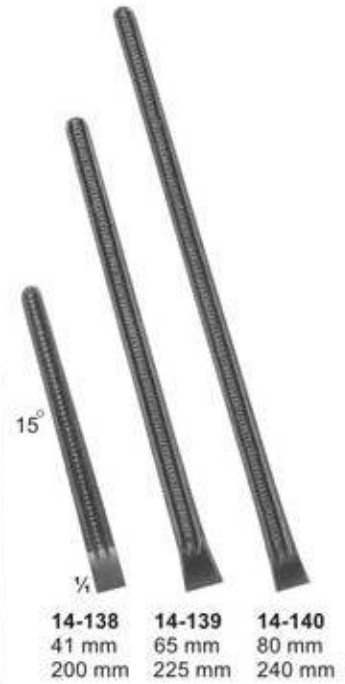
14-135 - 137
DE BAKEY



14-135 41 mm 205 mm	14-136 65 mm 225 mm	14-137 80 mm 240 mm
----------------------------------	----------------------------------	----------------------------------



14-138 - 140
DE BAKEY



14-138 41 mm 200 mm	14-139 65 mm 225 mm	14-140 80 mm 240 mm
----------------------------------	----------------------------------	----------------------------------



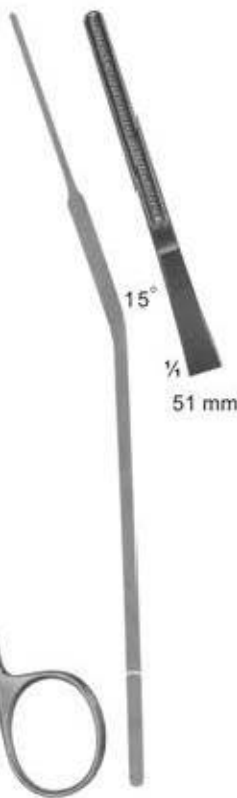
14-141
DE BAKEY
210 mm



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

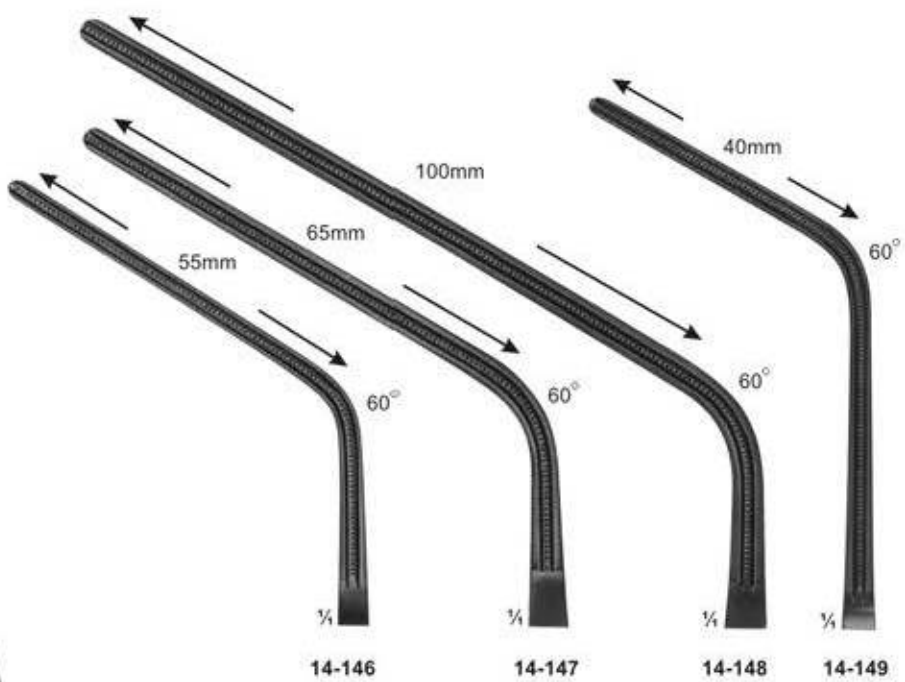


R
14-145
WEBER
260 mm

Multi- Purpose-Clamps



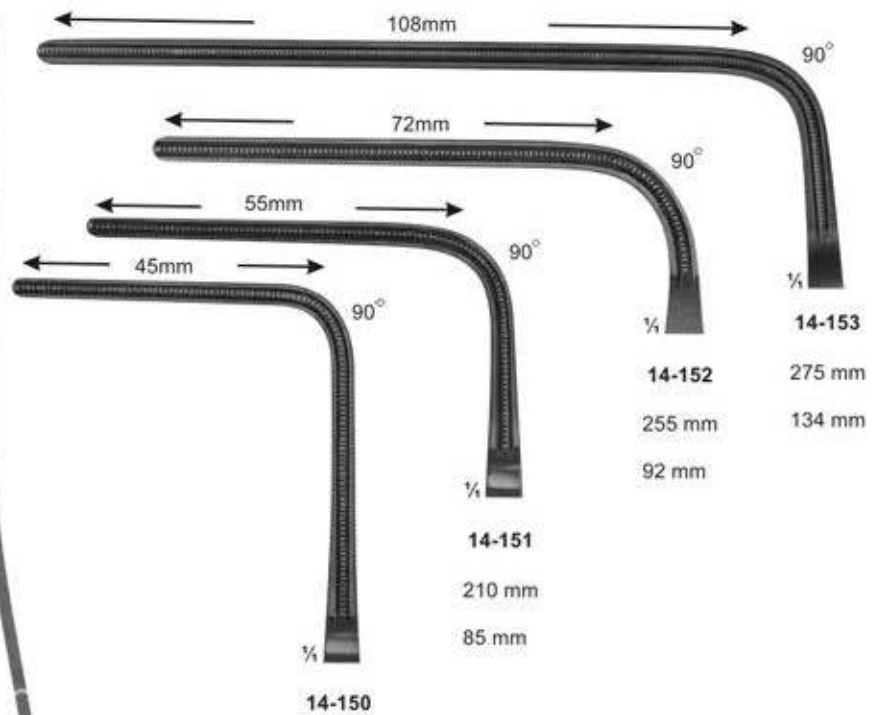
14-146 - 149
DE BAKEY



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



14-150 - 153
DE BAKEY



Total Length:	225 mm
Length of jaws:	93 mm

Sternum Instruments and Rib Shears



14-154
SCHUMACHER
 Sternum shears
 210 mm



14-155
LEBSCHE
 Sternum chisel
 200 mm



14-156
 230 mm



14-157
COLLIN
 195 mm



14-158
GLUCK
 190 mm



14-159
BETHUNE
 340 mm



14-160
BRUNNER
 Universal pattern
 340 mm

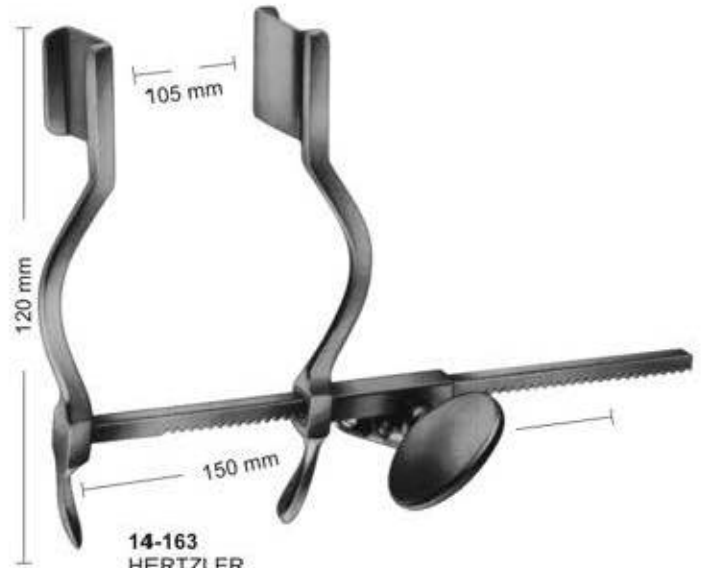


14-161
GIERTZ-STILLE
 250 mm

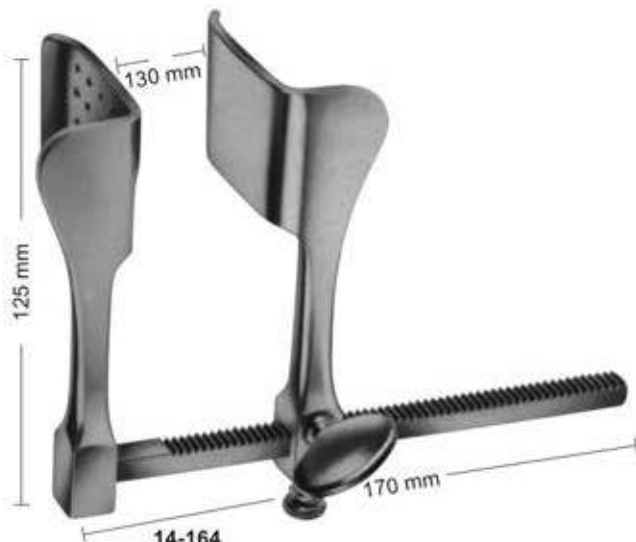
Rib Spreaders



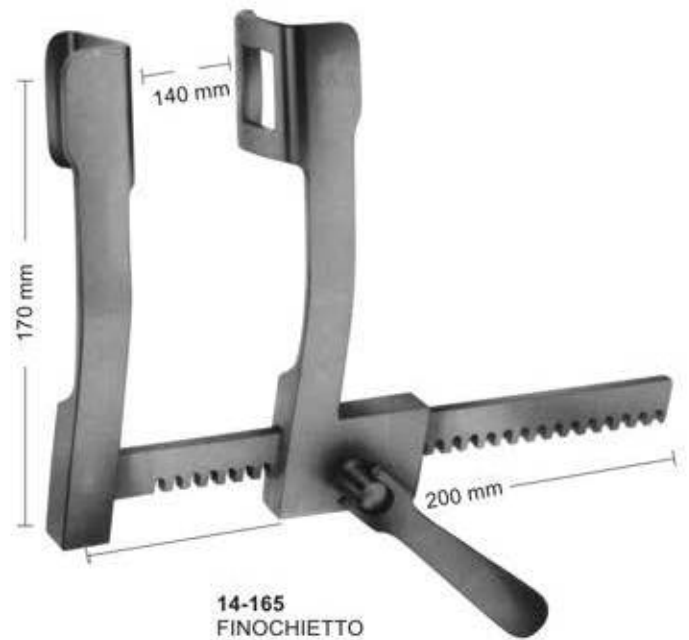
14-162
FINOCHIETTO
Blades
18X21 mm



14-163
HERTZLER
Blades
20X25 mm



14-164
TUFFIER
Blades
43X53 mm



14-165
FINOCHIETTO
Blades
36X45 mm

Rib Spreaders-and Contractors



1/2

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



1/2

**14-167
BAILEY**
150 mm



14-168
for children

14-169
for adults

1/2

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

130° upwards cutting

15-101
1 mm



KERRISON - JACOBY

FERRIS-SMITH-KERRISON

15-102
2 mm



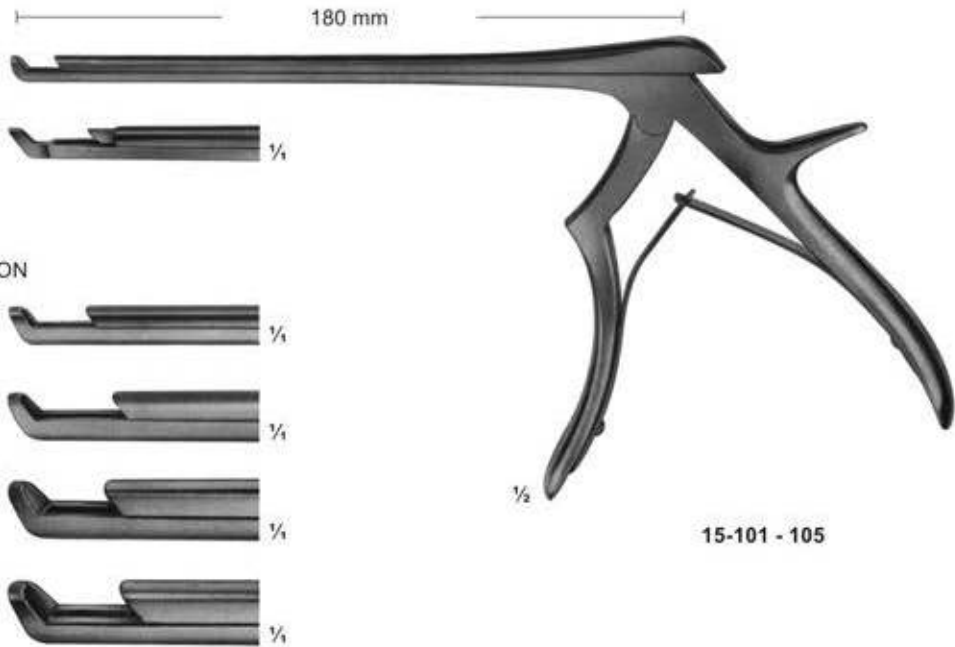
15-103
3 mm



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

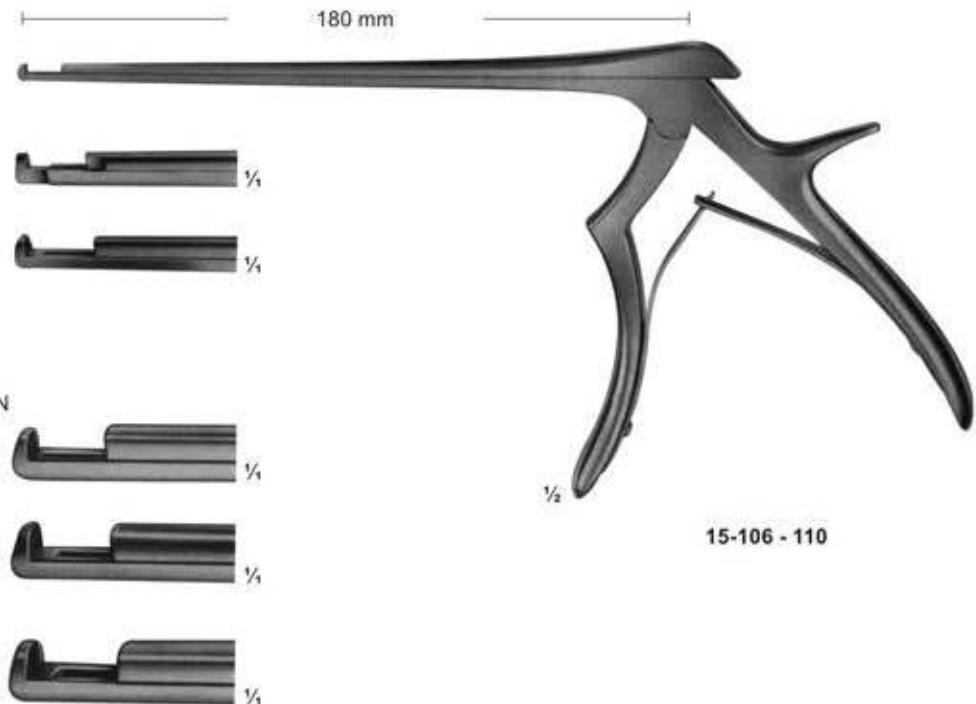
15-108
3 mm



15-109
4 mm



15-110
5 mm



15-106 - 110

Punches

90° upwards cutting

85 mm

15-111
4 mm



1/4

15-112
5 mm



1/4



15-111 - 15-112
KERRISON

90° upwards cutting

140 mm

15-113
3,3 mm



1/4

15-114
4,0 mm



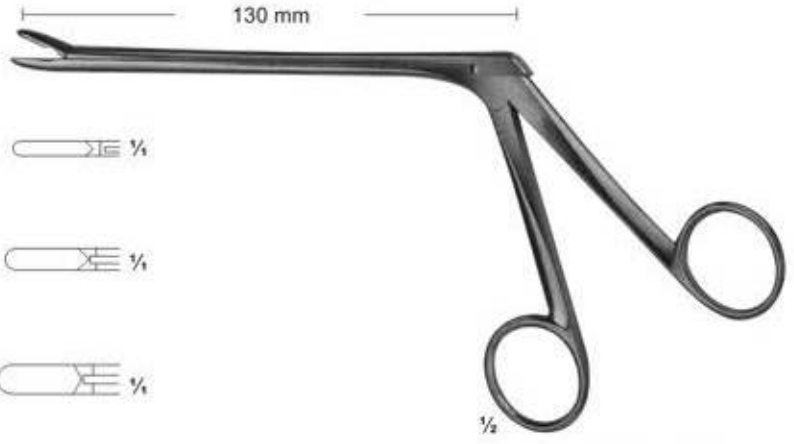
1/4



15-113 - 15-114
HAJEK-KOFLER

LOVE-GRUENWALD

15-115
2 X 10 mm



15-116
3 X 10 mm

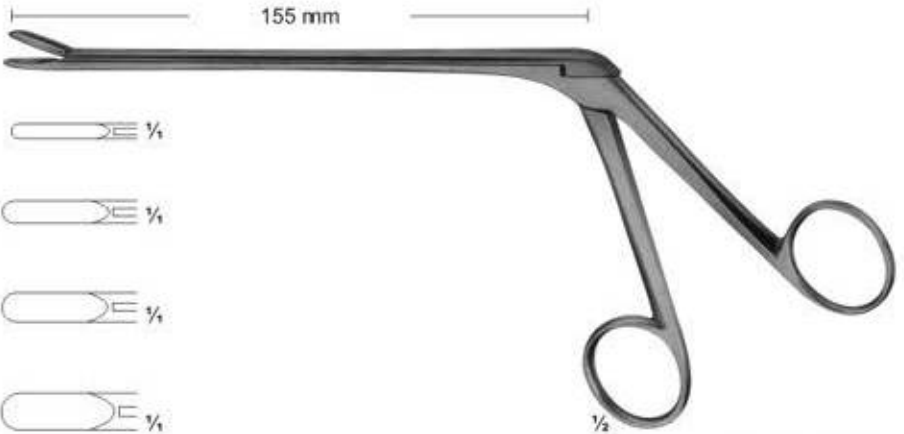


SPURLING
15-117
4 X 10 mm



15-115 - 15-117

15-118
2 mm



15-119
3 mm



15-120
4 mm



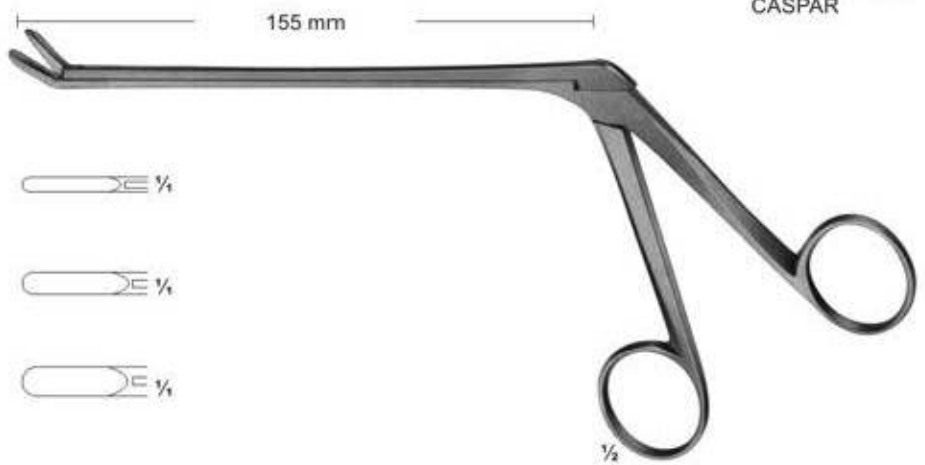
15-121
5 mm



15-118 - 15-121
CASPAR

150°

15-122
2 mm



15-123
3 mm



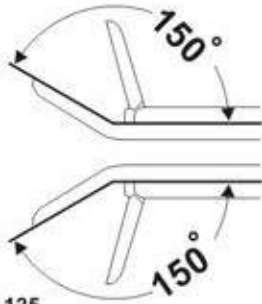
15-124
4 mm



15-122 - 15-124
CASPAR

Rongeurs

Angled positions for rongeurs



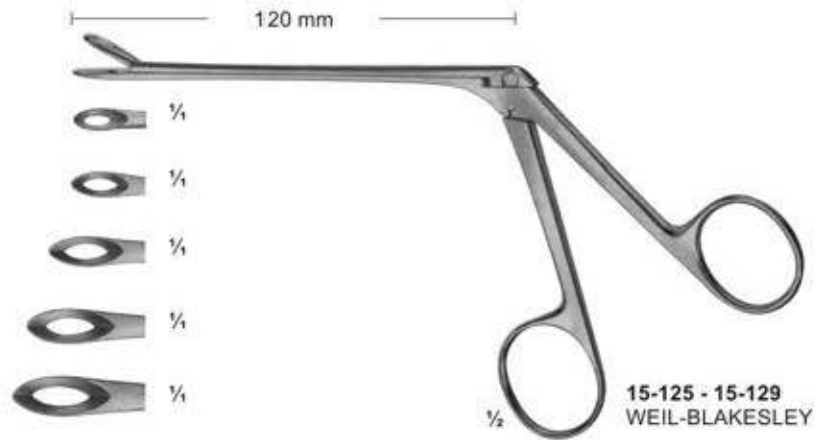
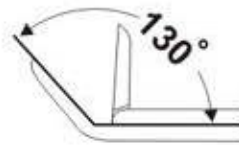
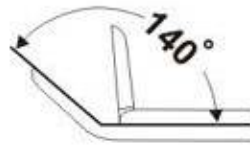
15-125
3,0 mm

15-126
3,6 mm

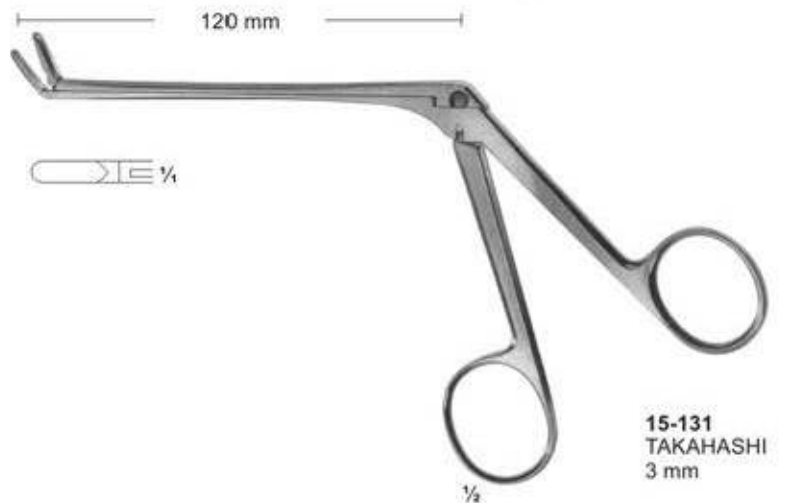
15-127
4,2 mm

15-128
4,8 mm

15-129
5,8 mm



130°



Rongeurs

150°

Lower part of jaws movable

15-132
2 mm

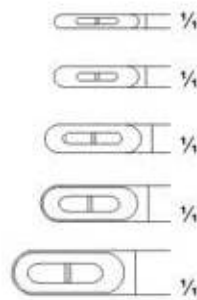
15-133
3 mm

15-134
4 mm



15-132 - 15-134
CASPAR

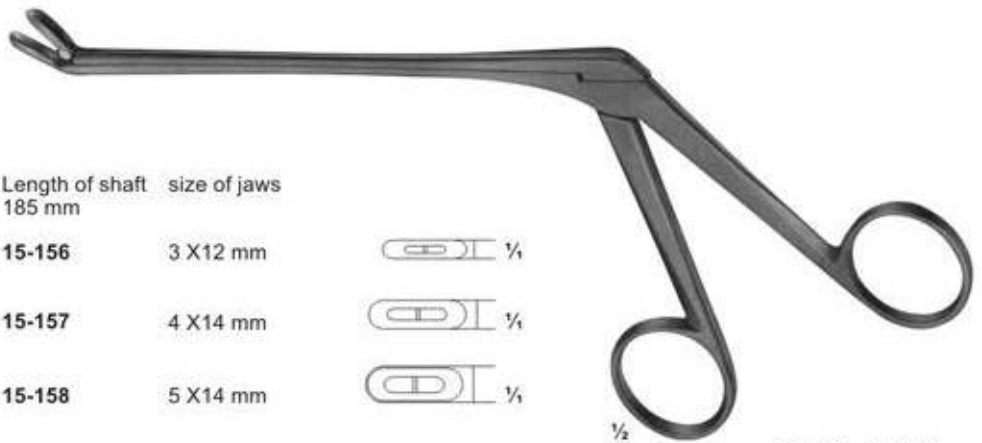
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
15-135	15-140	15-145	2 X12 mm
15-136	15-141	15-146	3 X12 mm
15-137	15-142	15-147	4 X14 mm
15-138	15-143	15-148	5 X14 mm
15-139	15-144	15-149	6 X16 mm



15-135 - 15-149
CASPAR

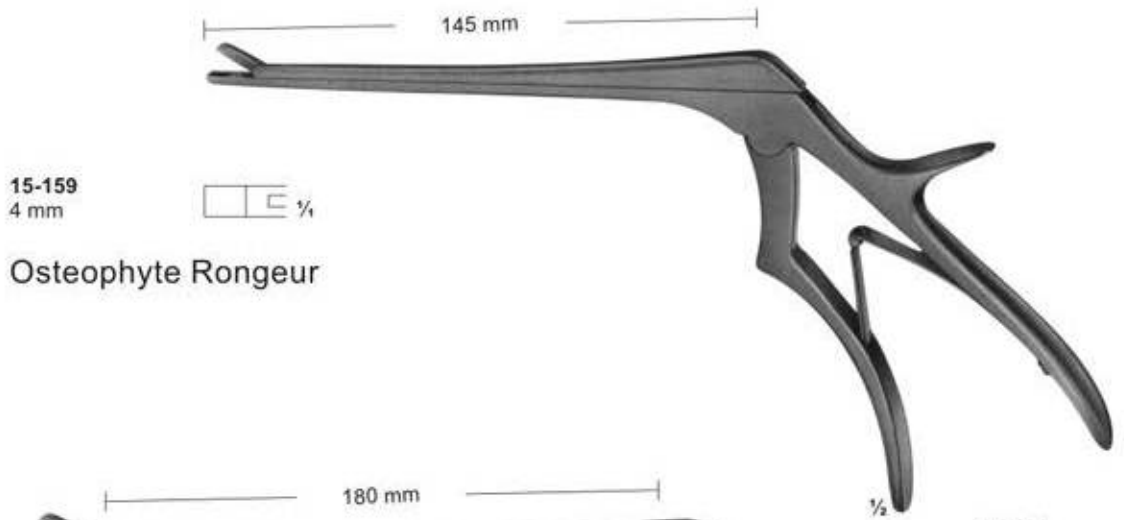
150°

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



15-150 - 15-158
CASPAR

Rongeurs

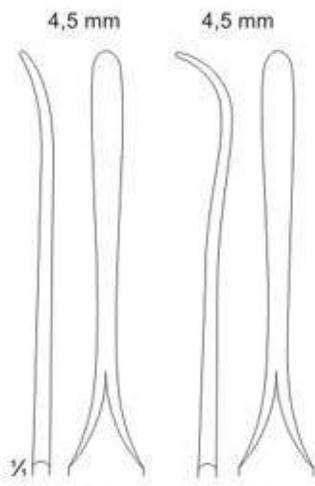


Elevators and Bone Levers

INSTRUMENTS Co.



16-101 - 102
KONIG
155 mm

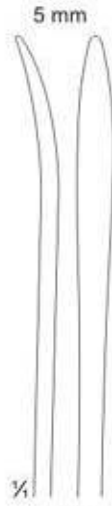


16-101

16-102



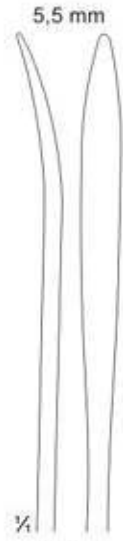
16-103
WILLIGER
165 mm



16-103



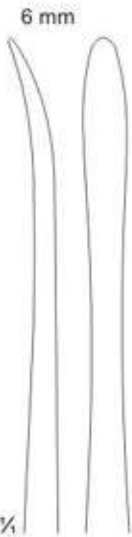
16-104
WILLIGER
170 mm



16-104



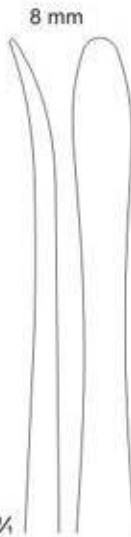
16-105
QUERVAIN
195 mm



6 mm

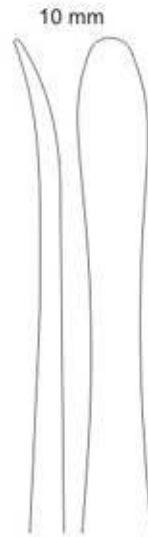


16-106 - 107
LANGENBACK
195 mm



8 mm

16-106

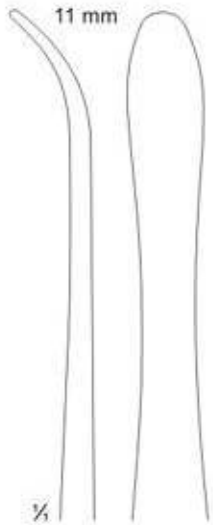


10 mm

20-107



16-108
LANGENBACK
230mm



11 mm

Bone Levers



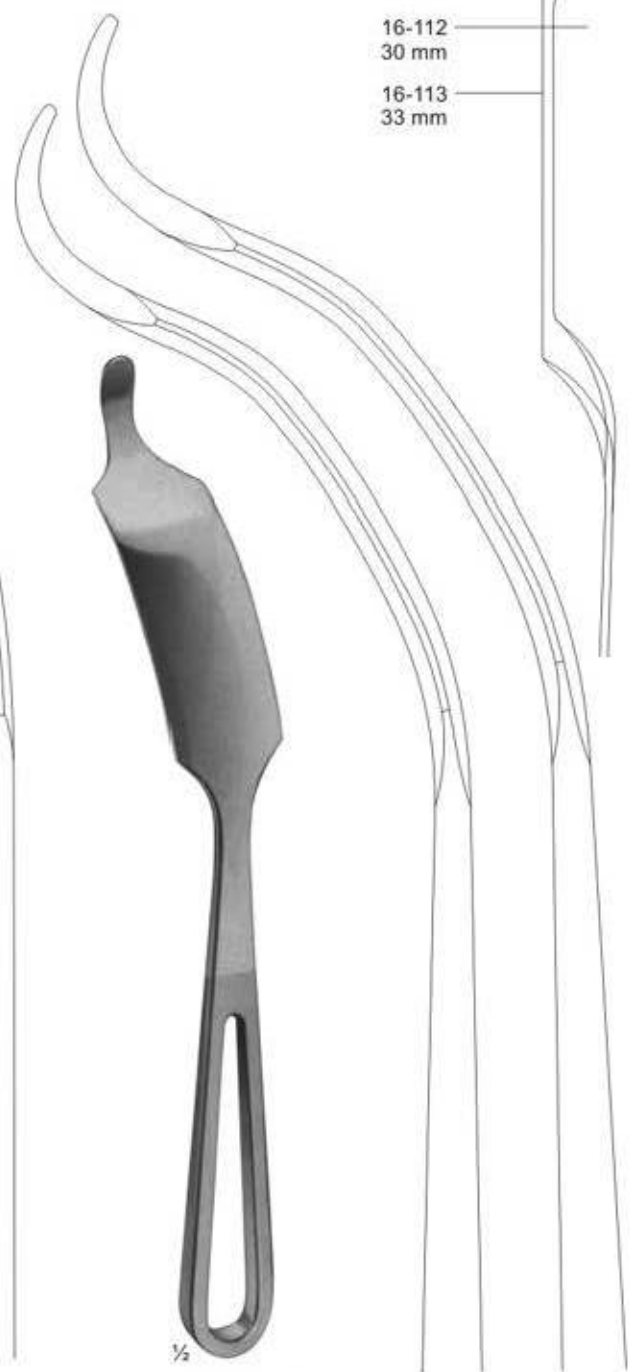
16-109
LANE TRETHOWAN
215mm



16-110
LANE
255mm



16-111
LANGE-HOHMANN
250mm



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

16-112
30 mm
16-113
33 mm



Raspatories



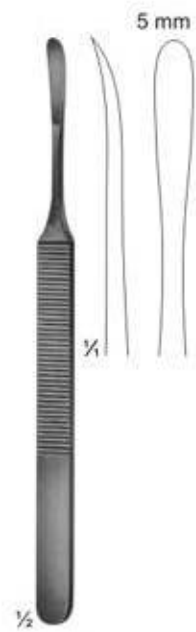
16-114
PARTSCH
150 mm



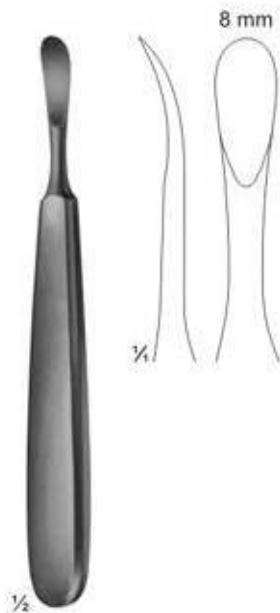
16-116
PARTSCH mod. LANGE
145 mm



16-117
MC KENTY
155 mm



16-118
KOENIG
155 mm



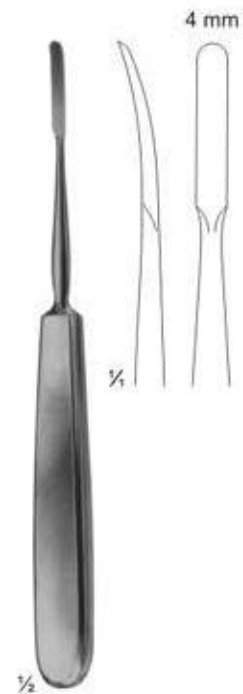
16-119
TRELAT
150 mm



16-120
WILLIGER
140 mm

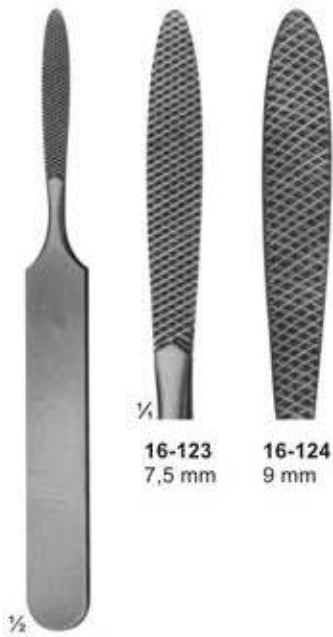


16-121
WILLIGER
160 mm



16-122
JOSEPH
170 mm

Bone File and Rasps

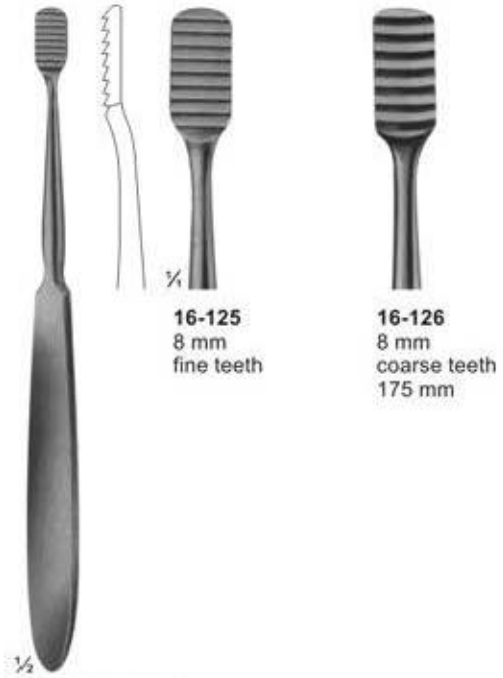


16-123
7,5 mm

16-124
9 mm

16-123
JOSEPH
fine, chequered

16-124
coarse, chequered
165 mm



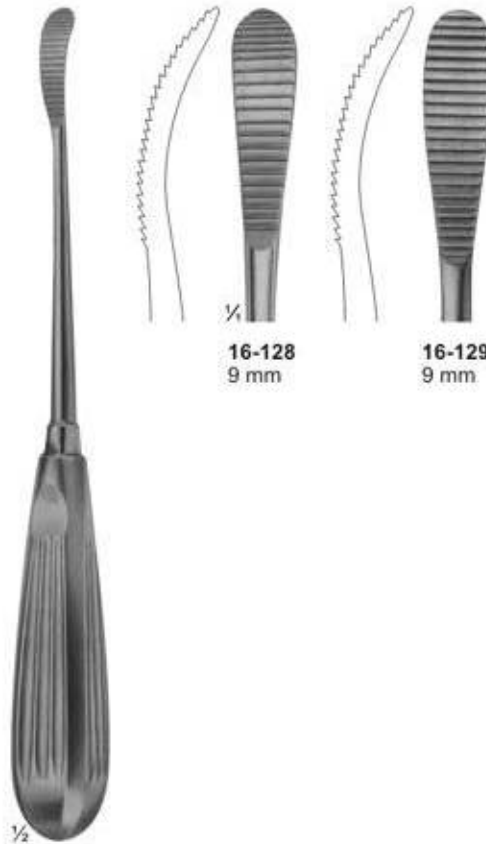
16-125
8 mm
fine teeth

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

16-124
coarse, chequered
165 mm

Bone Curettes



16-131
JACOBSON
140 mm



16-132
MARTINI
140 mm



16-133
MARTINI
140 mm



16-134
WILLIGER
145 mm



16-135
JANSEN
160 mm



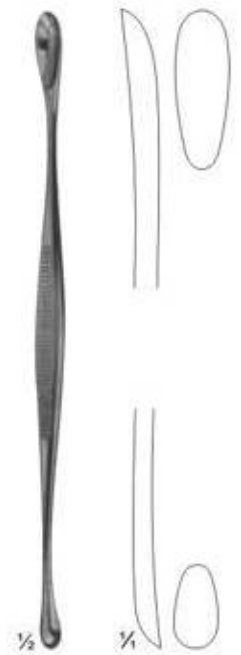
16-136
BARTH
180 mm



16-137
VOLKMANN
130 mm



16-138
VOLKMANN
145 mm



16-139
VOLKMANN
170 mm

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



∅ 20 mm

½

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



∅ 25 mm

½

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



∅ 30 mm

½

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



∅ 22 mm

½

17-106
 165 g
 lead filled head
 190 mm

Osteotomes, Chisels and Gouges



17-107
MANNERFELT
Gouge
155 mm



17-108 - 112
Osteotomes
140 mm

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



17-113 - 117
Chisels
140 mm

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



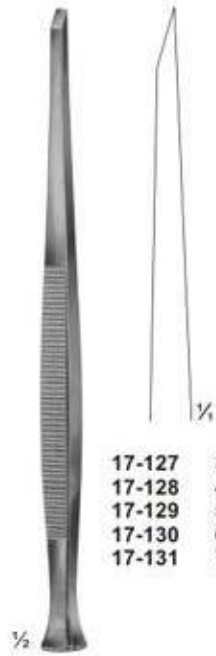
17-118 - 122
Gouges
140 mm

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



PARTSCH
17-123 - 126
Chisels
140 mm

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



PARTSCH
17-127 - 131
Chisels
170 mm

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



PARTSCH
17-132 - 135
Gouges
140 mm

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



PARTSCH
17-136 - 140
Gouges
170 mm

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



LUCAS
17-141 - 142
Chisels
160 mm

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



LUCAS
17-143 - 144
Gouges
160 mm

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

Reposition Forceps, Bone Holding Forceps



17-145
Patella forceps
185 mm



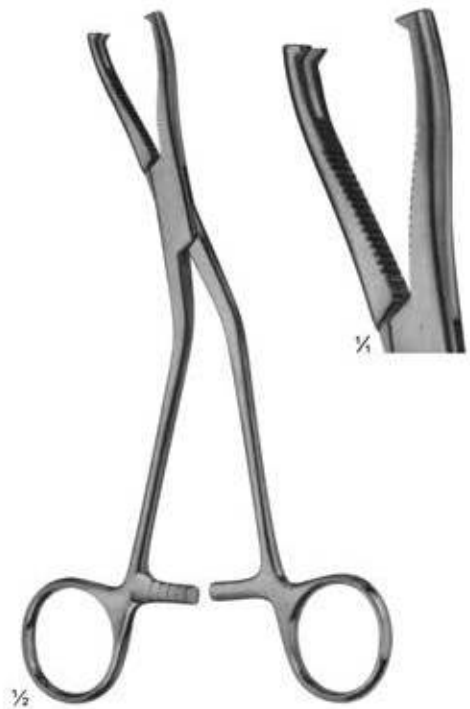
17-146
Forceps with
ratchet fixation
140 mm



17-147
Forceps with
thread fixation
170 mm



17-148
Forceps with
thread fixation
235 mm



17-149
DINGMANN
185 mm

Bone Holding Forceps & Bone Clamps



1/2
17-150
 KERN-LANE
 240 mm



1/2
17-151
 LANE
 330 mm



1/2
17-152
 KERN-LANE
 240 mm



17-153



1/2
17-154 - 155
 LOWMAN
17-154 170 mm
17-155 205 mm



1/2
17-156
 LOWMAN-GERSTER
 210 mm



1/2
17-157
 LOWMAN-HOGLUND
 175 mm

Bone Rongeurs



17-158
LUER
150 mm



17-159
LUER
155 mm



17-160
BLUMENTHAL
155 mm



17-161
BLUMENTHAL
150 mm



17-162 - 163
JANSEN
175 mm



17-164
BANE-HARTMANN
175 mm

Bone Rongeurs



17-165
STILLE
235 mm

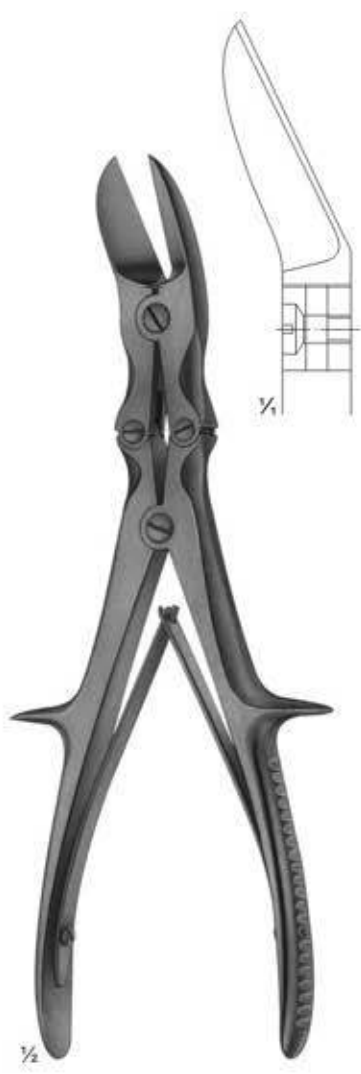


17-166
LEKSELL-STILLE
240mm

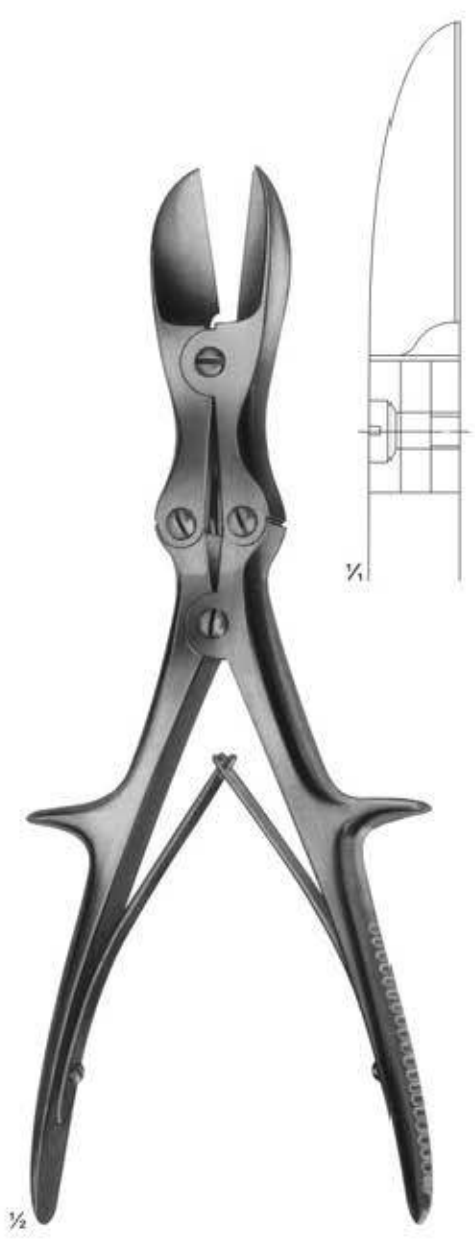


17-167
STILLE-RUSKIN
240mm

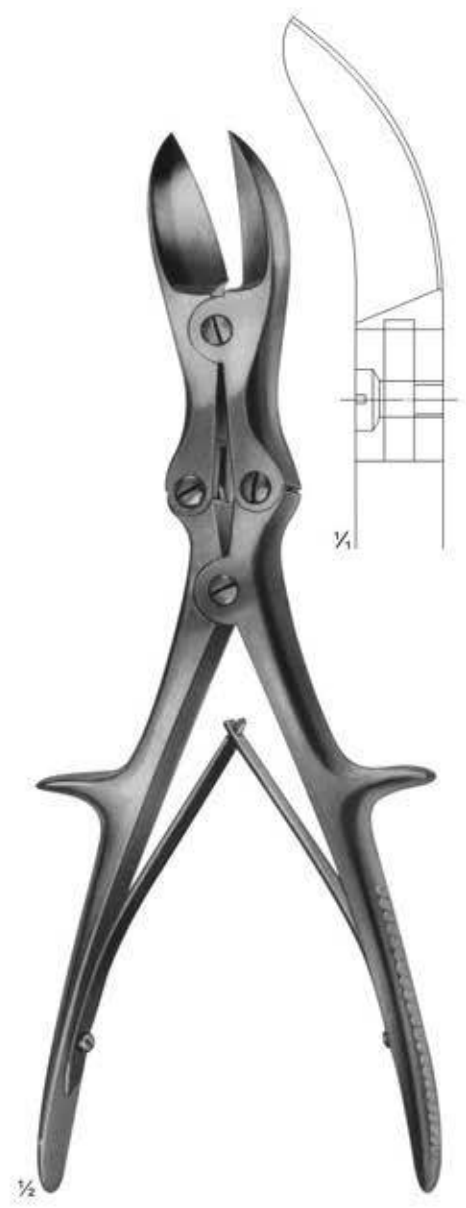
Bone Cutting Forceps



17-168
LISTON
curved on flat
240 mm

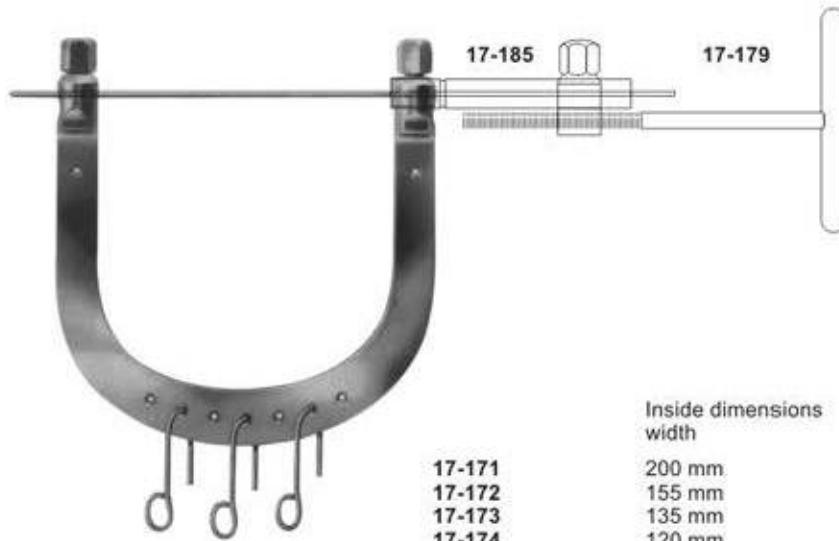


17-169
LISTON
straight
280 mm



17-170
LISTON
curved on flat
280 mm

Wire Extension



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

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



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



17-179
 Wire tightener, with
 clamping jaws



17-182	max. 105 mm
17-183	max. 160 mm
17-184	max. 200 mm
17-182	80-95 mm
17-183	90-120 mm
17-184	140-170 mm
diam upto	
17-182	1,6 mm
17-183	2,0 mm
17-184	2,5 mm

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



17-180
 Traction hook only,
 large size

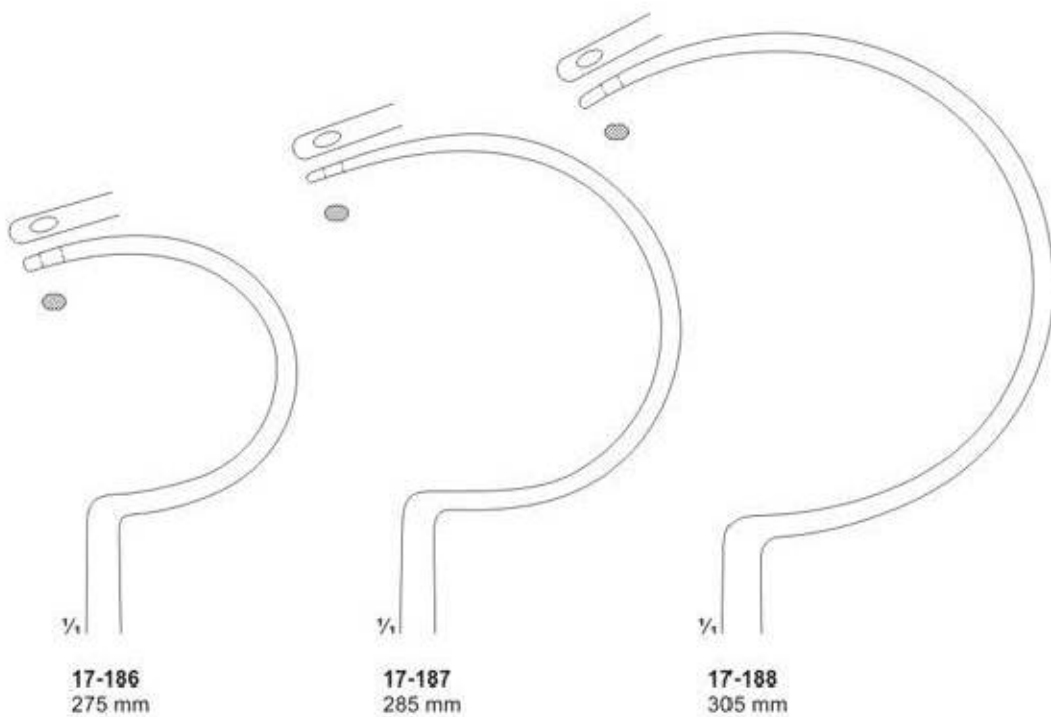


17-181
 Traction hook only,
 small size

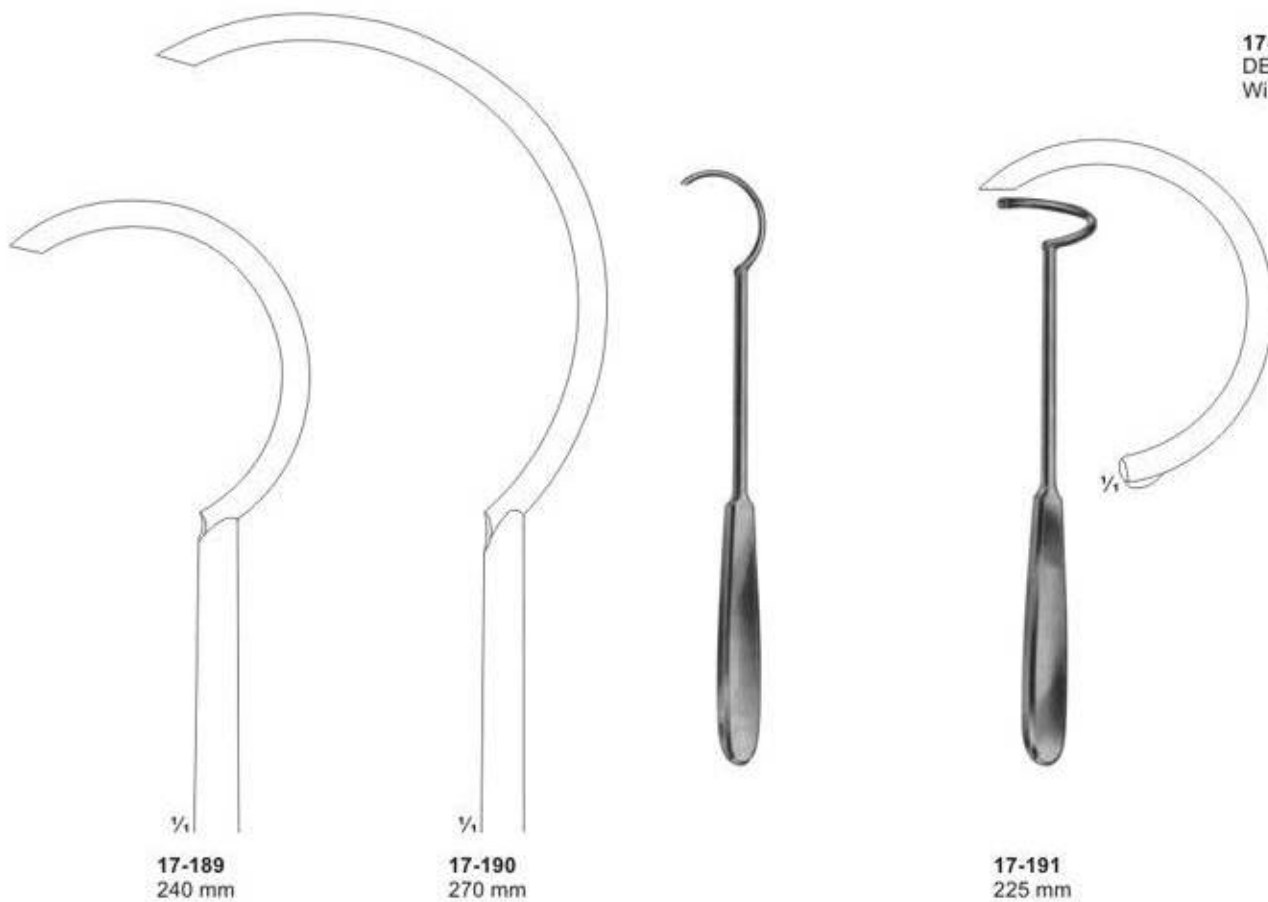


17-185
 Fixation clamp, to secure clamping
 jaws of **17-179** stainless steel

Cerclage Instruments



17-186 - 17-188
DEMEL
Wire guides



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



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



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



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



17-195
with serrated jaws
140 mm



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



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



17-199
190 mm

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



17-200
130 mm

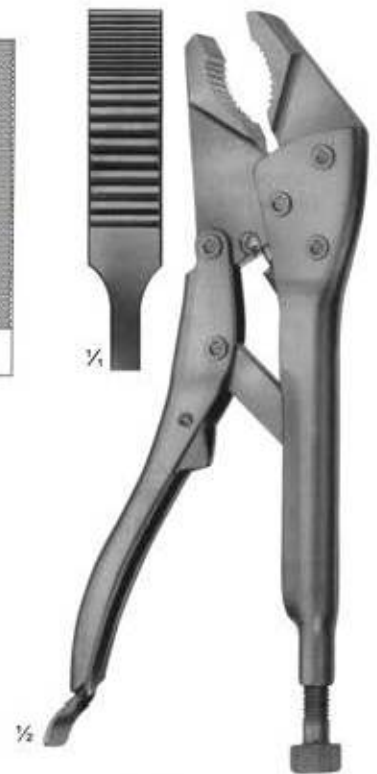
17-201
180 mm



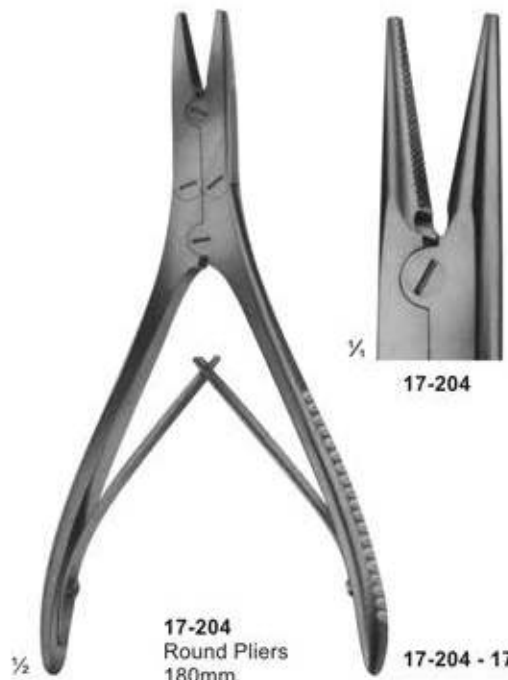
17-200 - 17-201
Extraction pliers
for boring wires



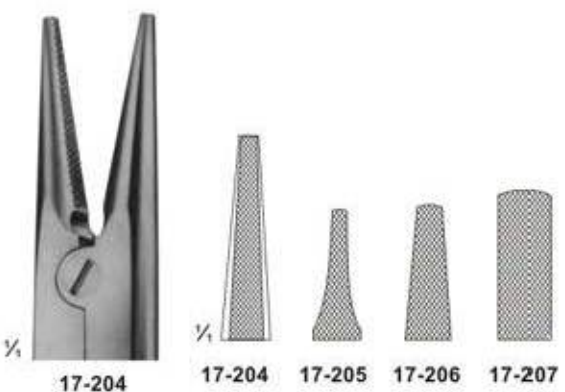
17-202
Flat-nosed pliers,
parallel
185 mm



17-203
Vise grip
200 mm



17-204
Round Pliers
180mm



17-204

17-204

17-205

17-206

17-207

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



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

Wire Cutters and wire Cutting Scissors

DUROTIP with Carbide Cutting Edges



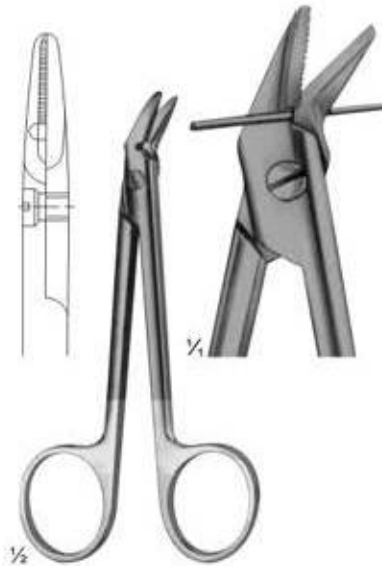
17-209
ANGLE
130 mm

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

0,5 mm
0,3 mm

17-210
DUROTIP
ANGLE
130 mm

0,6 mm
0,4 mm



17-211
120 mm

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

1,2 mm
0,8 mm

17-212
DUROTIP
120 mm

1,2 mm
0,8 mm



17-213
HARVEY
125 mm

0,4 mm
0,3 mm



17-214
150 mm

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

1,5 mm
1,0 mm



17-215
160 mm

1,5 mm
1,2 mm



17-216
140 mm
DUROTIP
1,5 mm

1,0 mm

Wire Cutting Pliers, Lateral Cutting Action



17-217
180 mm

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



17-218
REILL
175 mm

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



DUROTIP

17-219
235 mm

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

Wire Cutting Pliers, Lateral and Front Cutting Action



17-220
240 mm

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



17-221
145 mm

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



17-222
145 mm

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



17-223
220 mm

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

Wire Cutting Pliers



17-224
320 mm

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



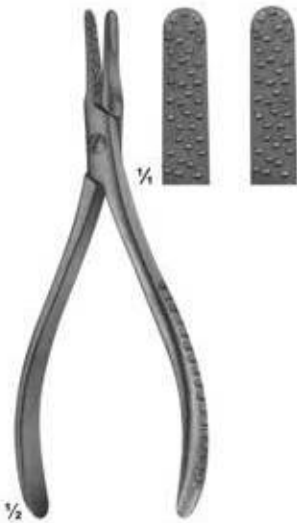
Cutter for cutting off
KIRSCHNER wires,
Tibia head screws,
bolts, pins, up to 3 mm diam.



DUROTIP

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

Finger Nail Instruments



17-226
Nail extracting
forceps
135 mm

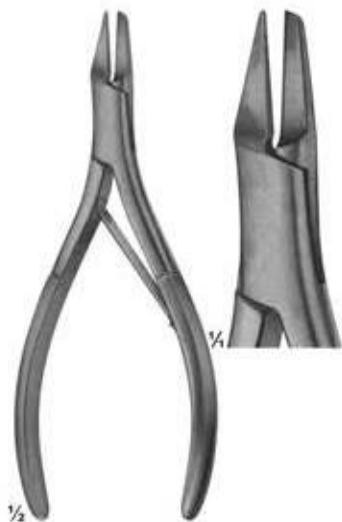


17-227
Nail extracting
forceps
145 mm



17-228
Finger nail drill
with 3 drill points

Drill points only



17-231
Nail splitting
forceps
135 mm



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



17-233
Finger ring saw
150 mm

Spare blade
17-234

Plaster Shears



17-235
STILLE-AESFULAP
260 mm



17-236
STILLE-AESFULAP
360 mm

Plaster Spreader, Plaster Breakers



17-237
HENING
270 mm



17-238
MOD.USA
230 mm



17-239
290 mm

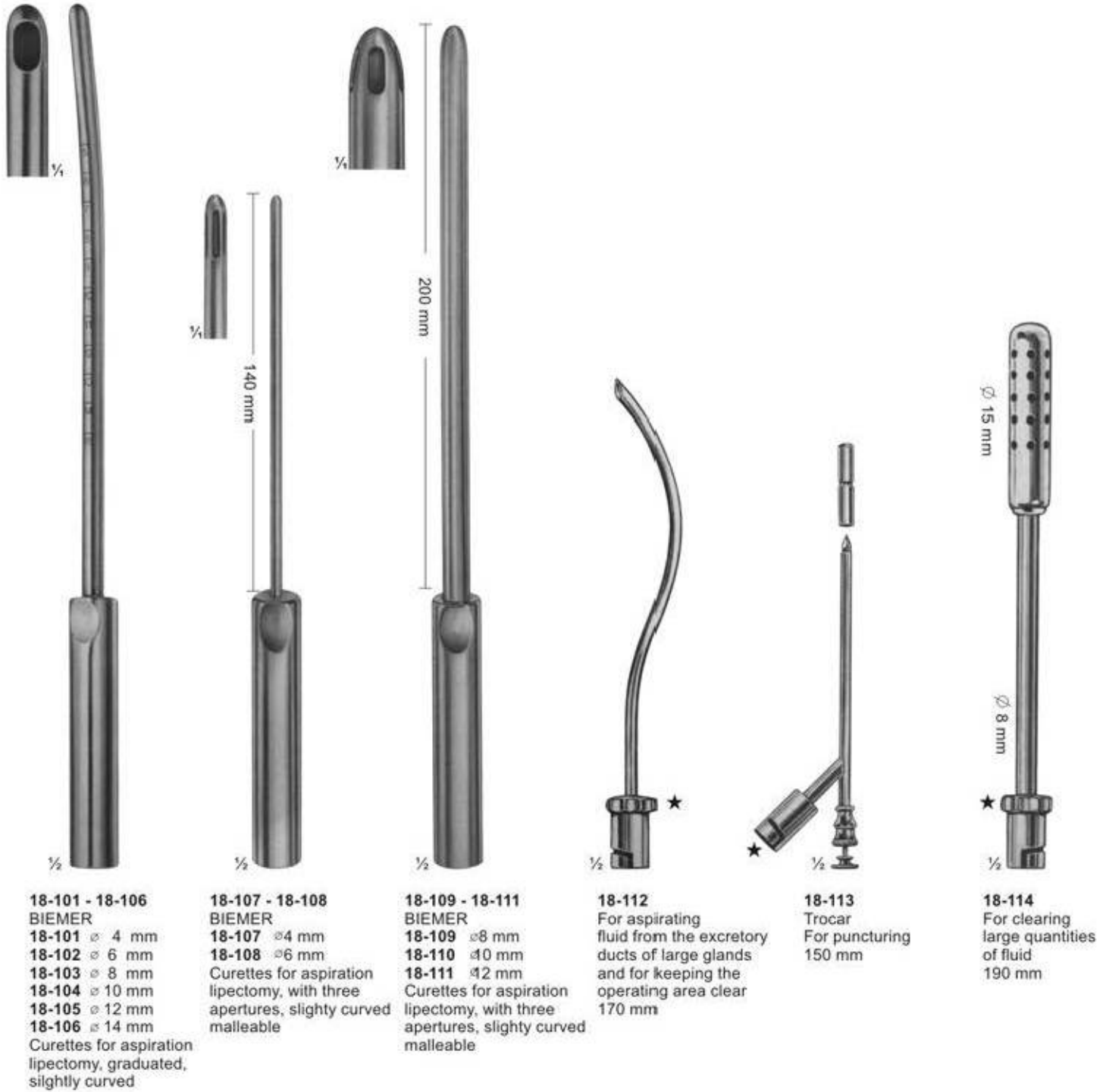


with removable jaws



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

Vacuum Curettes for Aspiration Lipectomy, Suction Instruments



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

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

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

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

18-113
Trocar
 For puncturing
 150 mm

18-114
 For clearing large quantities of fluid
 190 mm

Suction Instruments

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



olive
Ø 9 mm

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



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



18-117
Trocar
For puncturing
170 mm



18-118
Hollow needle,
sharp
150 mm



18-119
double curved
For general
surgery
230 mm



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



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

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

Suction Instruments

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

Ø 1,75 mm

Ø 3 mm

olive

Ø 8 mm

1/4

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

olive

Ø 8 mm

1/4

Usable length

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

olive

Ø 6,5-9 mm
 with LUER hub

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

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

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

1/4

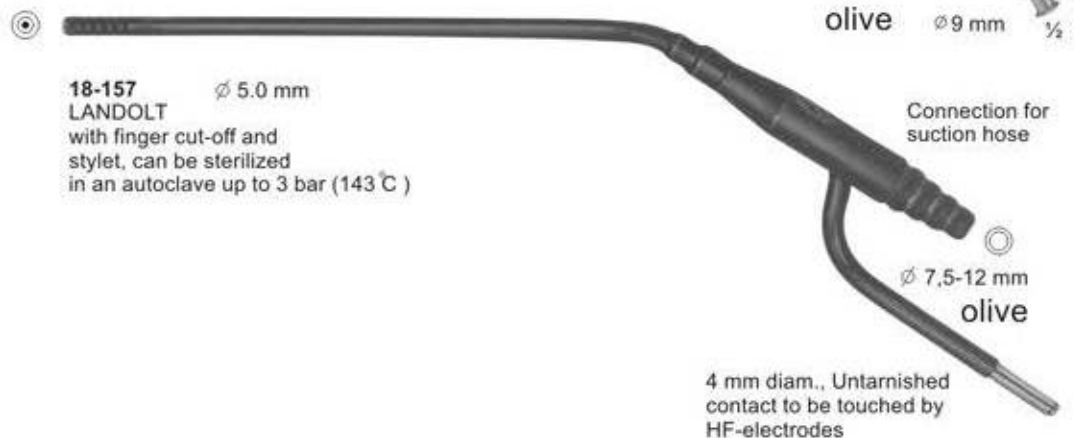
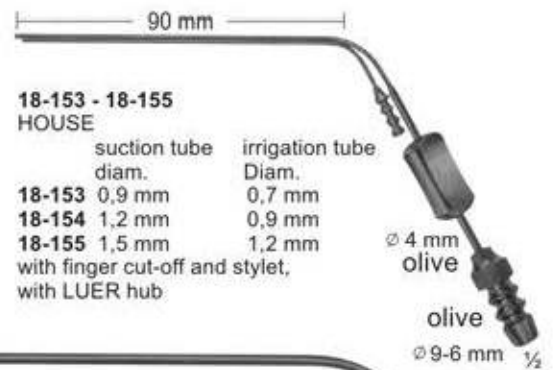
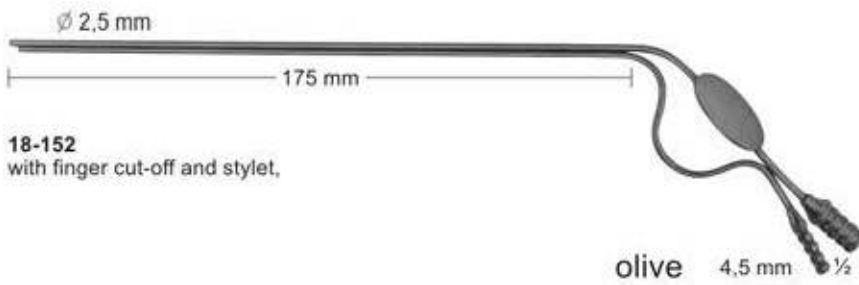
18-147 2,0 mm diam
18-148 2,5 mm diam
18-149 3,0 mm diam
 with finger cut-off,
 thumb piece 90° to
 curve, with LUER hub
 250 mm

olive

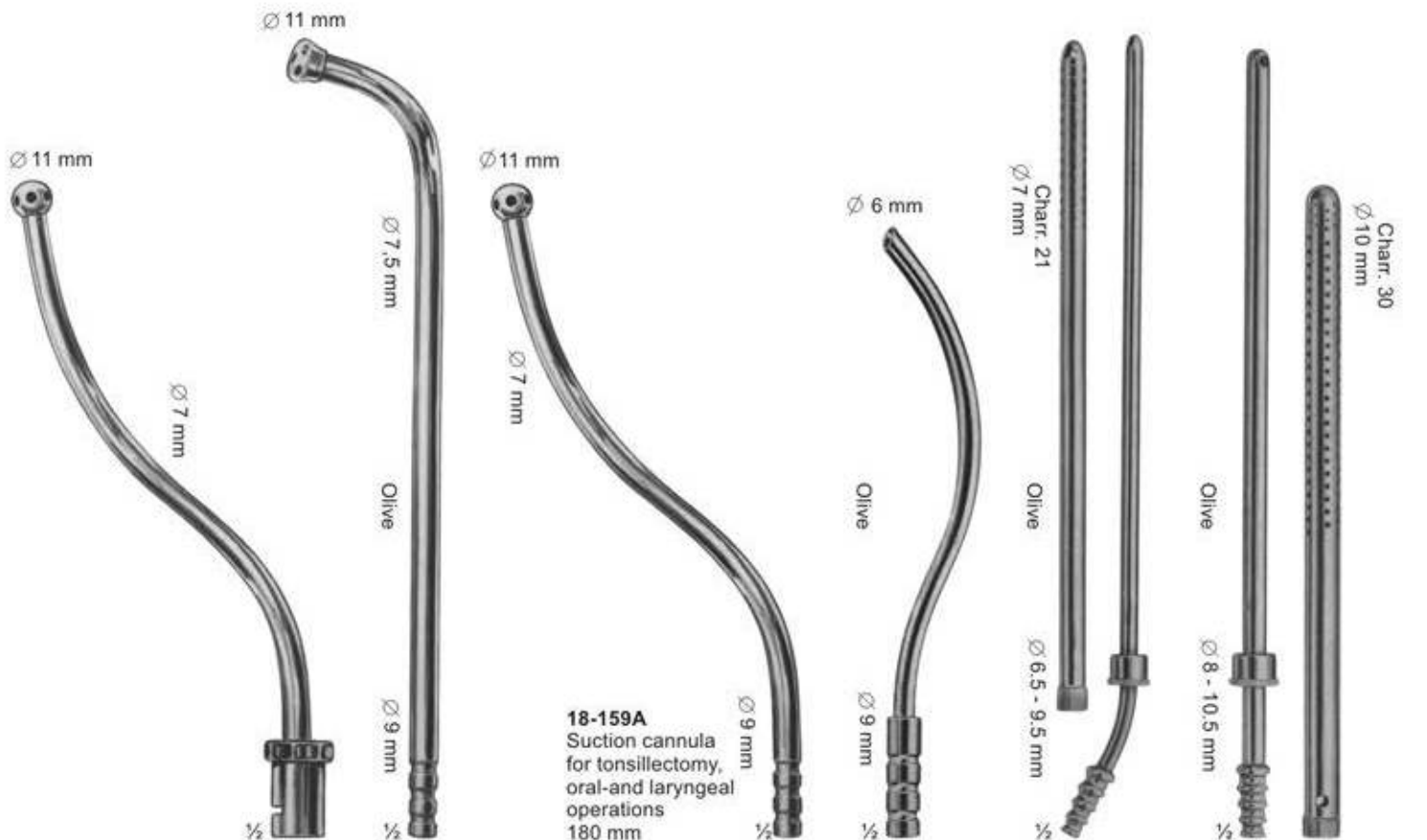
Ø 6-9 mm

1/4

Combined Suction and Irrigation Cannulae, Coagulation Suction Cannulae



Suction Instruments



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

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

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

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

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

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

Suction Instruments



- 18-163 $\varnothing 1,5$ mm
- 18-164 $\varnothing 2,0$ mm
- 18-165 $\varnothing 2,5$ mm
- 18-166 $\varnothing 3,0$ mm

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



- 18-167 $\varnothing 2,0$ mm
- 18-168 $\varnothing 2,5$ mm
- 18-169 $\varnothing 3,0$ mm
- 18-170 $\varnothing 4,0$ mm
- 18-171 $\varnothing 5,0$ mm

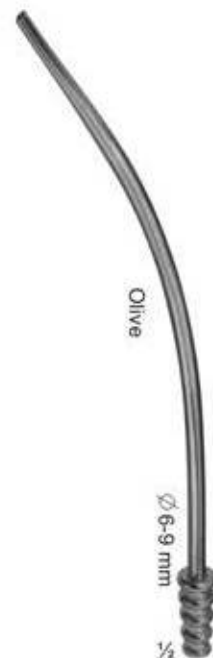
18-167 - 18-171
FERGUSSON
 with finger cut-off and
 stylet, thumb piece
 90° to curve, with
 LUER hub
 180 mm



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



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



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



18-176 $\varnothing 4,5$ mm
18-177 $\varnothing 5,5$ mm
 Nasal suction
 tubes
 175 mm



18-178
GORNEY
 Suction dissector
 180 mm



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



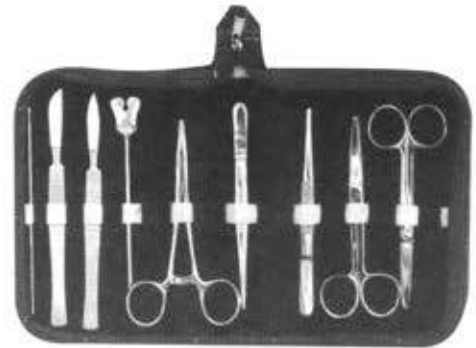
18-181
LOPEZ-REINKE
 Tonsil dissector with
 suction device
 235 mm

Dissection Instruments



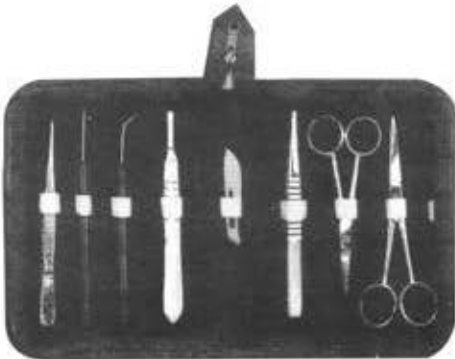
18-182

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



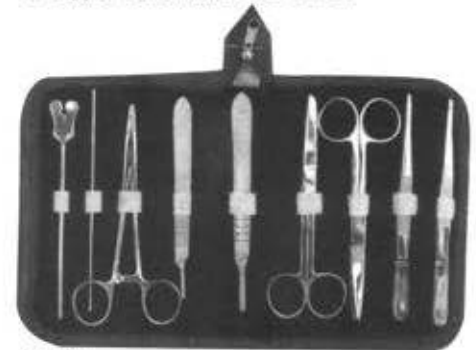
18-183

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



18-184

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



18-185

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



18-186

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



18-187

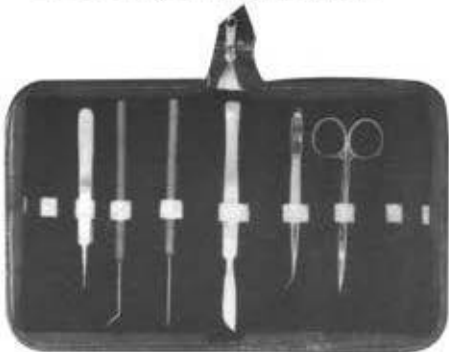
- 1- Teasing Needle with Chuck CVD.
- 2- Huber Probe
- 3- Iris Scissor
- 4- Dissecting Forcep Fine 14 cm.
- 5- Dissecting Forcep Fine CVD. 12 cm
- 6- Operating Scissor with Probe 14 cm.
- 7- B.P. Handle no. 4

Dissection Instruments



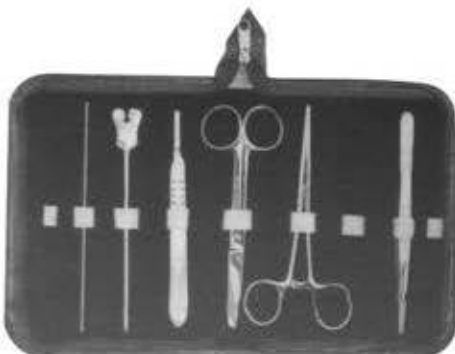
18-188

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



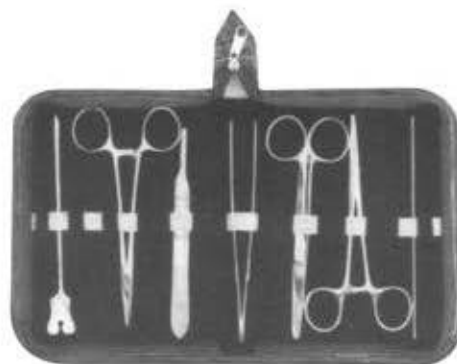
18-190

- 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 tounge tie.
- 3- B.P handle no.4
- 4- Operating scissor STR S/b14cm.
- 5- Kelly forceps STR 14cm.
- 6- Dissecting forceps thumb 13cm.



18-189

- 1- Grooved Director and Tongue tie
- 2- Mayo Hearg 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

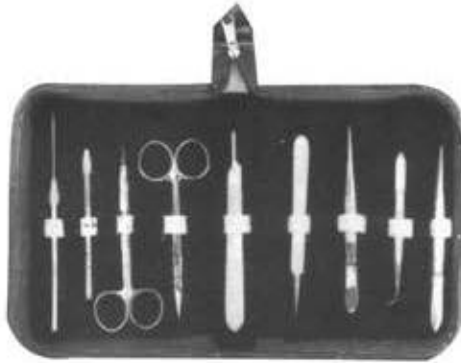
- 1- Probe Double end
- 2- B.P Handle No. 4
- 3- Dissecting Forcep 1x2 Teeth 14 cm.
- 4- Operating Scissor S/B str 14 cm
- 5- Mayo Hearg Needle Holder 14 cm
- 6- Kelly Forcep STR 14 cm.
- 7- Operating Scissor S/B CVD 14 cm
- 8- Grooved Director and Tongue tie
- 9- Dissecting Forceps Thumb 14 cm.



18-193

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

Dissection Instruments



18-194

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



18-195

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



18-196

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



18-197

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



19-101 - 115
Schimmelbusch

∅ 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
∅ 65mm x 15mm



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



19-158 - 165



19-166 - 170

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

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



19-171
Ø 110 x 28 mm 0.15L



19-172
100 cc 0.1L



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



19-177
235 x 190 x 40 mm



19-178
Ø 220 x 70 mm



19-179
∅ 50 x 100 mm
Powder Pot



19-180
∅ 50 x 75 mm
Methot With Lid



19-181
∅ 50 x 75 mm
Methot Without Lid



19-182



19-183



19-184



19-185 - 186

19-185 ∅ 235 mm
19-186 ∅ 310 mm

Needle Cases



19-187
Sauerbruch
210 x 125 x 17 mm



19-188
Sauerbruch
210 x 125 x 17 mm



19-189
150 x 95 x 13 mm



19-190
150 x 95 x 13 mm



19-191
150 x 95 x 13 mm



19-192
150 x 95 x 13 mm



19-193
150 x 95 x 13 mm



19-194
150 x 95 x 13 mm



19-195
150 x 95 x 11 mm

Storing Cases



19-199 - 209

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



19-196
Deponette
245 x 135 x 35mm



19-197
Deponette
245 x 135 x 50mm



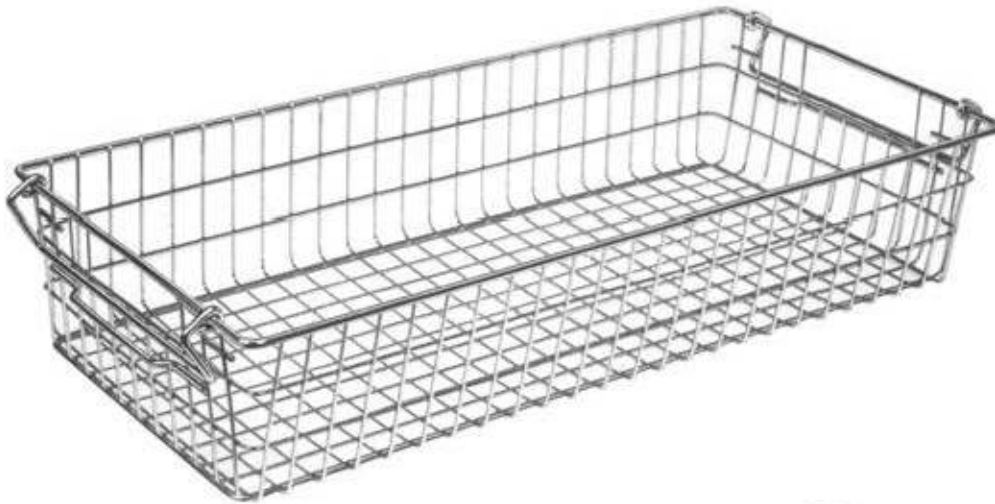
19-198
Deponette
245 x 135 x 60mm

Sterilizing Baskets / Trays



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

19-210 - 212



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



19-213 - 218

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

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

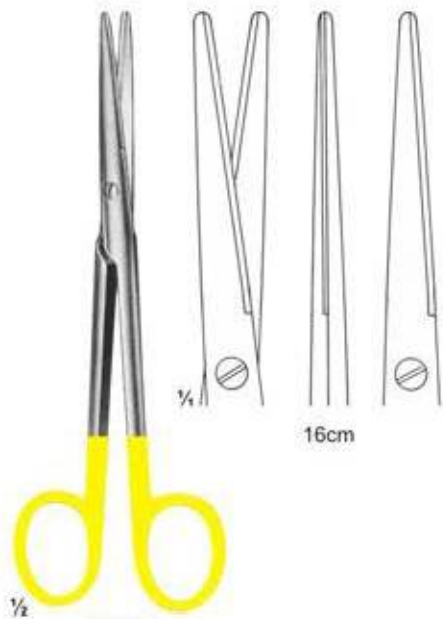
14,5cm
16,5cm
18,5cm



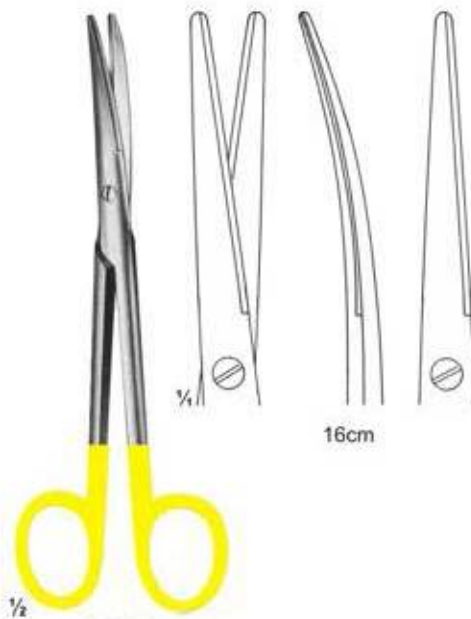
26-106
Standard

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

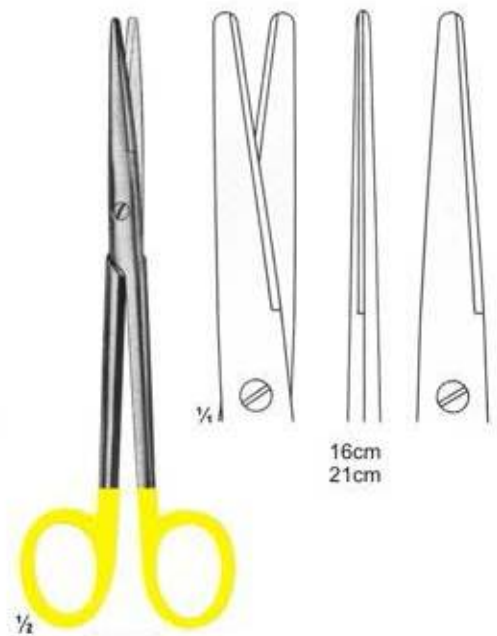
Scissors with Tungsten Carbide Inserts



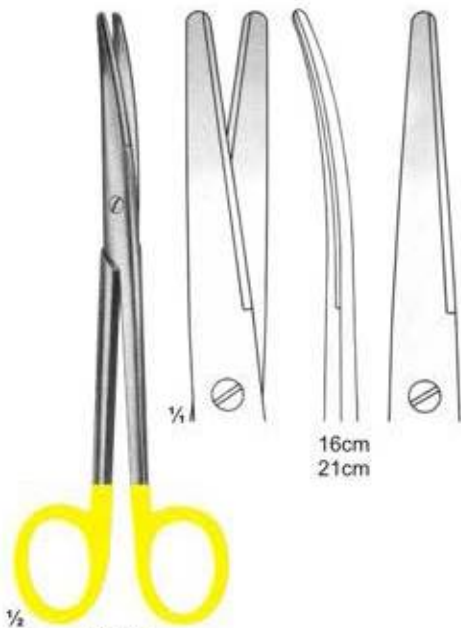
26-107
Mayo-Lexer



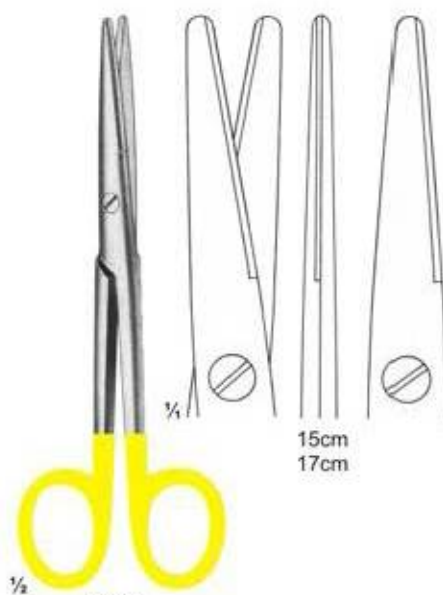
26-108
Mayo-Lexer



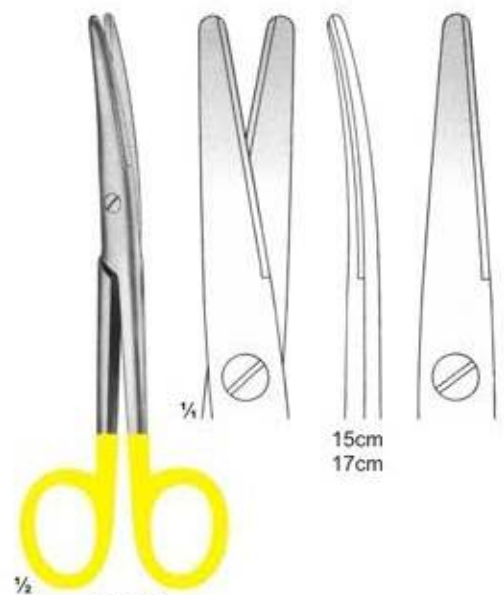
26-109
Lexer



26-110
Lexer

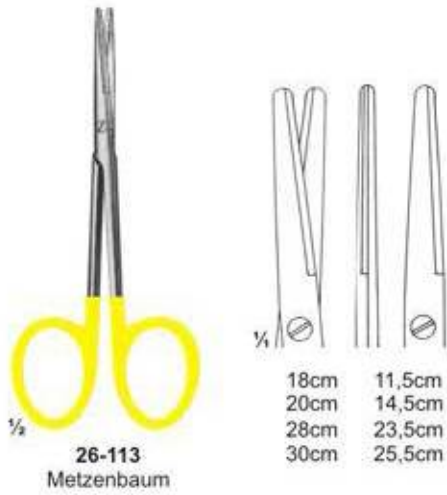


26-111
Mayo-Stiller



26-112
Mayo-Stiller

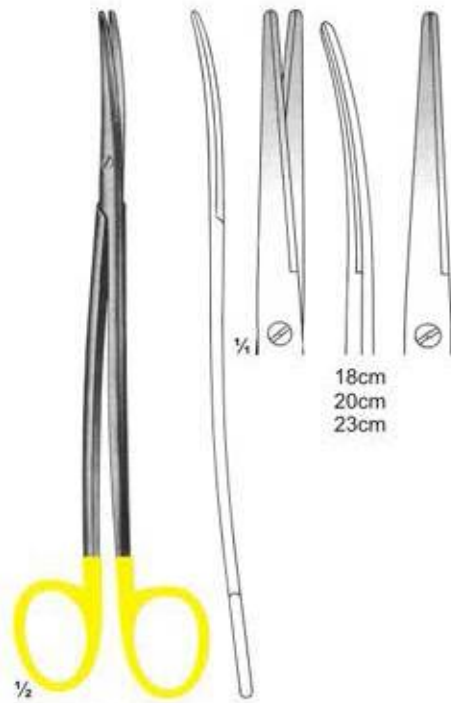
Scissors with Tungsten Carbide Inserts



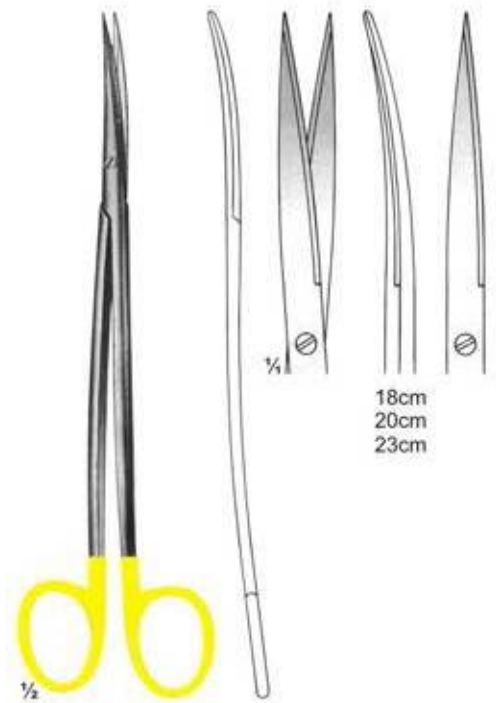
Scissors with Tungsten Carbide Inserts



26-119
Metzenbaum-Fino



26-120
Metzenbaum-Fino



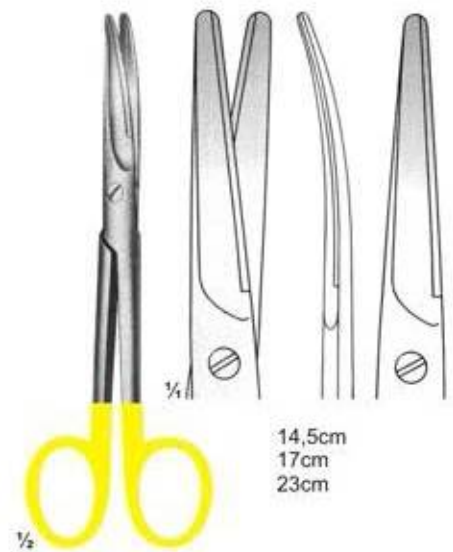
26-121
Metzenbaum-Fino



26-122
Metzenbaum

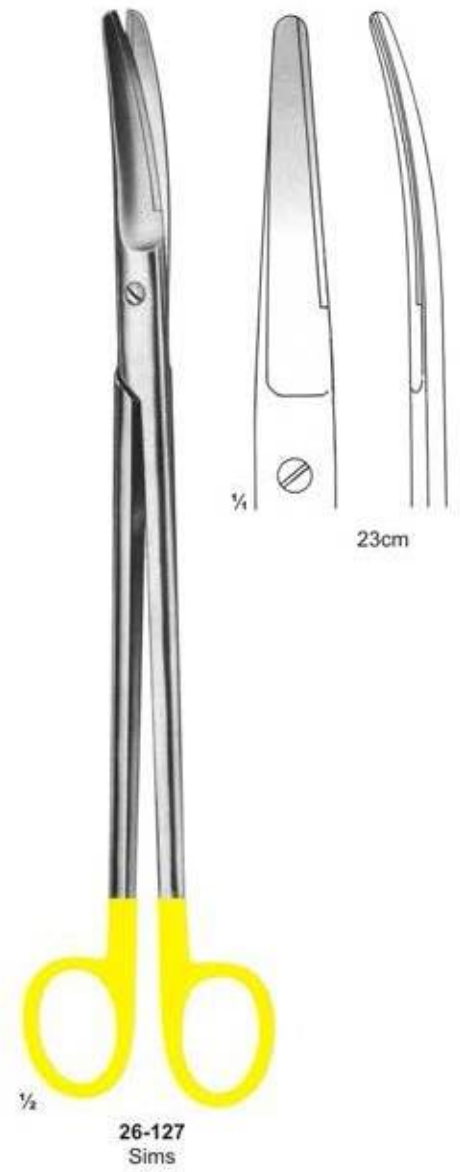
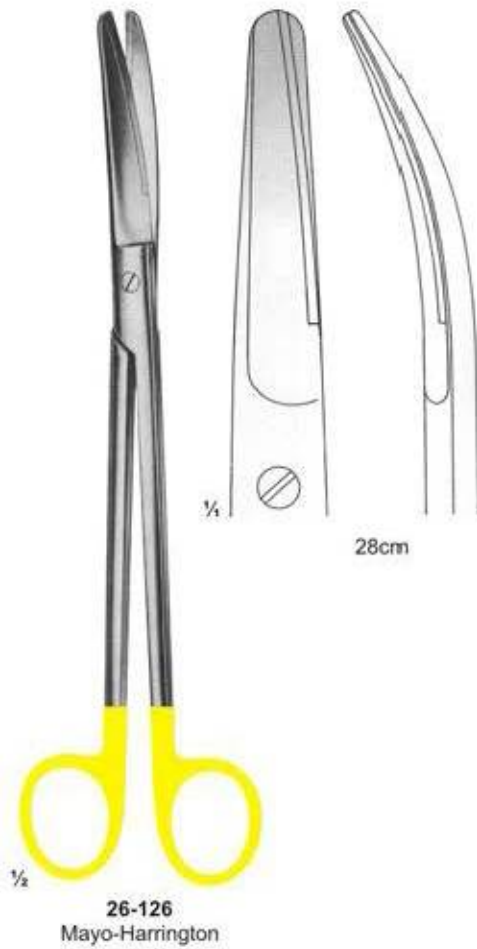
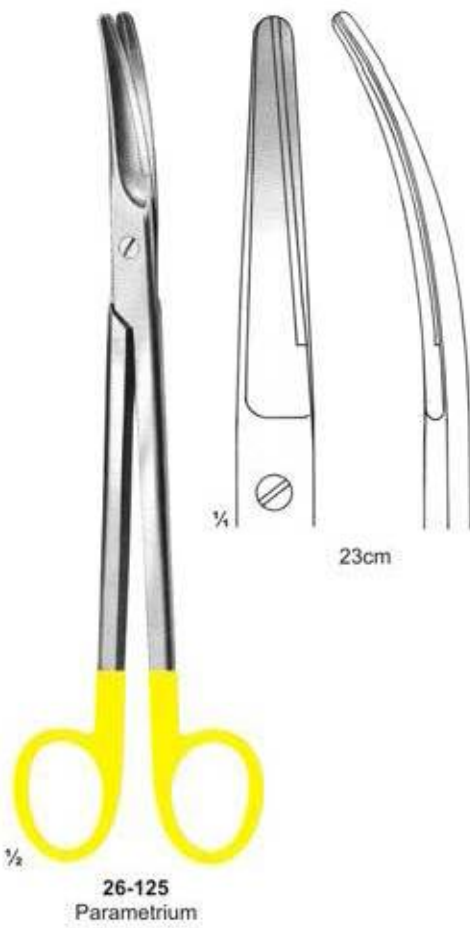


26-123
Mayo

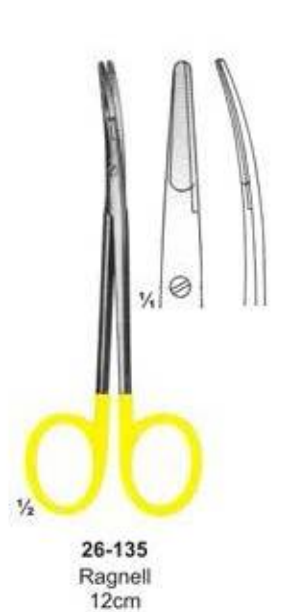
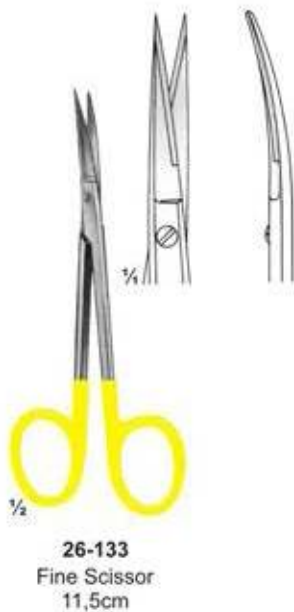


26-124
Mayo

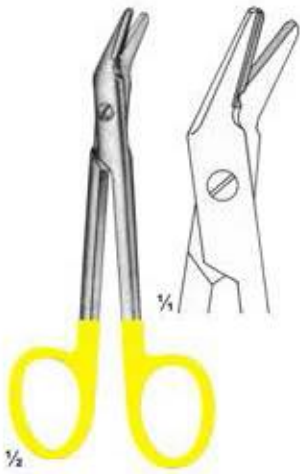
Scissors with Tungsten Carbide Inserts



Scissors with Tungsten Carbide Inserts



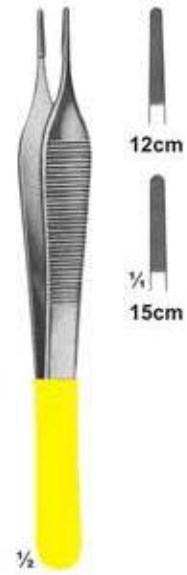
Scissors & Dissecting Forceps with Tungsten Carbide Inserts



26-136
Universal
12cm



26-137
Ligature Scissors
1 Black & 1 Goldplated ring



26-138
Adson



26-139
Cushing
17,5cm



26-140
Cushing
18cm



26-141
Cushing-Taylor
18cm

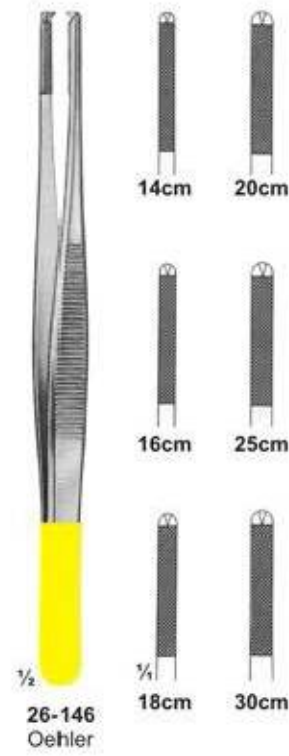
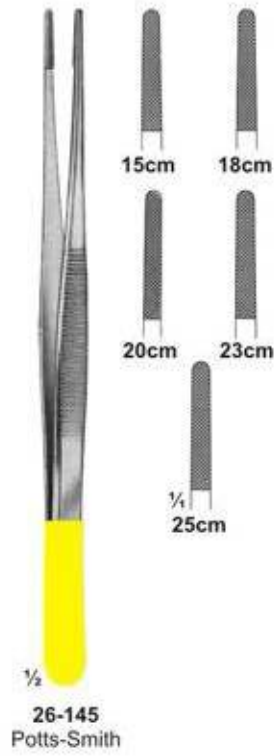
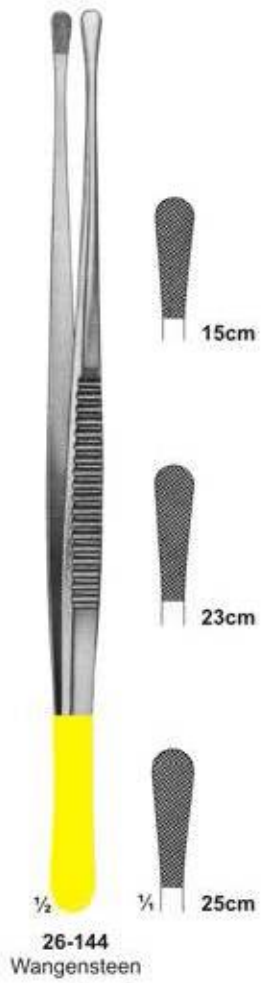


26-142
Dissecting Forceps
15cm



26-143
Semken
15cm

Dissecting Forceps and Needle holders with



Needle holders with Tungsten Carbide Inserts



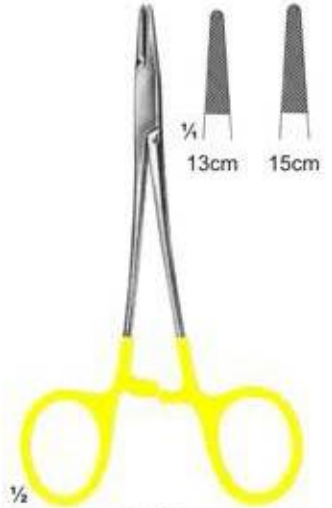
26-152
Arruga
16cm



26-153
Castroviejo
13cm



26-154
Hegar
20cm 24cm



26-155
Halsey
13cm 15cm



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



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



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

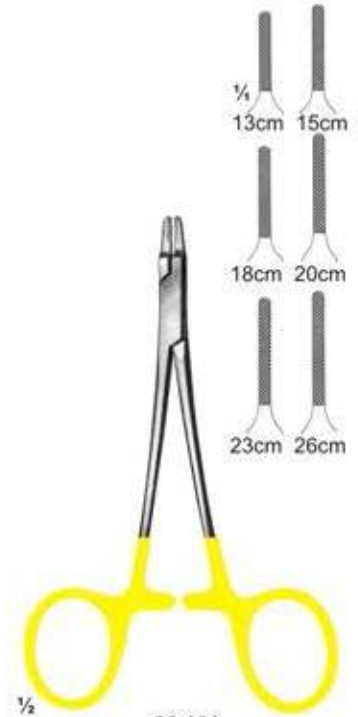
Needle holders with Tungsten Carbide Inserts



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



26-160
Stratte
22cm 23cm



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



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

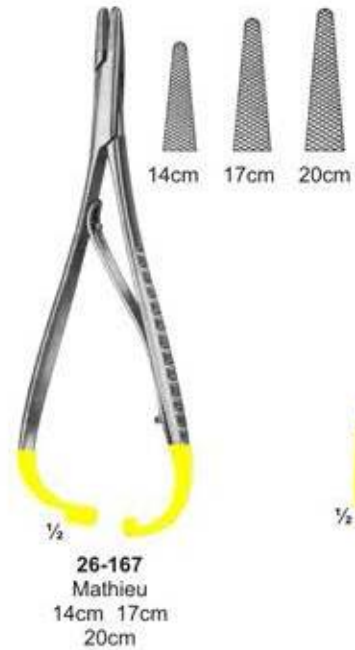


26-163
Martin
15cm 17cm 20cm



26-164
Sarot
18cm 20cm 26cm

Needle holders with Tungsten Carbide Inserts



Needle holders with Tungsten Carbide Inserts



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



1/2
26-173
 Lichtenberg
 20cm



1/2
26-174
 Langhals
 20cm 25cm



1/2
26-175
 Lichtenberg
 20cm 25cm



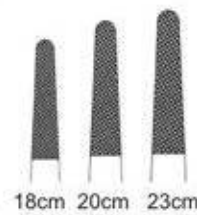
1/2
26-176
 Luehty-Beck
 20cm 25cm



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



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



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

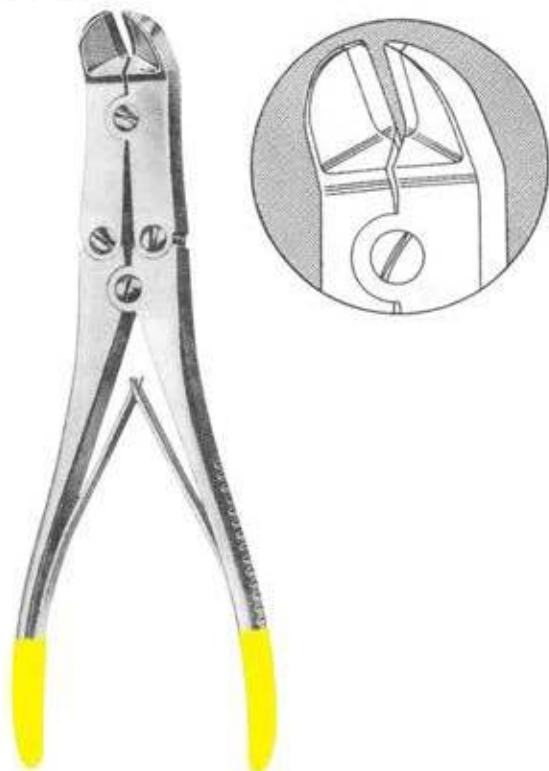
Wire Cutting Plier With T.C. Inserts



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



26-181
Cutting Plier
 12 cm



26-182
MULLAR CLAUS
 22 cm



26-183
Plier
 17.5 cm

Alphabetical Index

A	
ABRAHAM, tonsil knife	13
ADSON, forceps	33
ADSON, forceps	37
ALLIS, artery traction forceps	47
ALLIS, intestinal grasping forceps	86
ALY, aesthesiometer	01
AMPUTATING KNIVES	12
ANDREW, tongue depressor	04
ANESTOPHON, stethoscope	02
ARRUGA, forceps	37
ARRUGA, needle holder	61
ASCH, biopsy curettes	112
AUFRIEHT, rasps	138
AYRE, cone knife, 235mm	13
ADSON - BROWN, Tissue Forceps	39
ADSON, Haemostatic Forceps	52
ANGLE, Wire Cutters Cutting Scissors	151
B	
BABCOCK, intestinal grasping forceps	86
BABY-ALLIS, artery traction forceps	47
BACKHAUS, towel clamps	48
BACKHAUS-KOCHER, towel clamps	48
BAILEY, rib spreaders	128
BAKES, gall duct dilators	95
BALFOUR, abdominal retractors	85
BALFOUR-BABY, abdominal retractors	84
BANE-HARTMANN, bone rongeurs	144
BARTH, bone curettes	139
BABY-MOSQUITO, Haemostatic Forceps	51
BABY-ROUX, Retractors	73
BABY-SENN-MILLER, Retractors	73
BEEBE wire scissor	29
BEER, cilia forceps	42
BENGOLEA, delicate forceps	50
BERGER, biopsy forceps	115
BERLINER, percussion hammer	01
BENDING PLIERS, Wire Holding forceps	150
BERTILLON, Examination & Measuring Instruments	10
BIEMER, vein scissor	16
BISHOP-HARMON, forceps	37
BIEMER, Suction Instruments	158
BLAKE, gall stone forceps	96
BLUMENTHAL, bone rongeurs	144
BONNEY, tissue forceps	41
BOSE, tracheal hooks	119
BOWLES, stethoscope	02
BOYS-ALLIS, artery traction forceps	47
BOZEMANN, dressing forceps	108
BOYNTON, Needle Holders	47
BRAUN, artery traction forceps	107
BRAUN, uterine probes	28
BRAUN-STADLER episiotomy scissor	31
BRAUN-STADLER, bandage scissors	102
BRIESKY, vaginal specula	66
BRODIE, probes	34
BROPHY, dissecting forceps	04
BRUENINGS, tongue depressor	13
BRUNINGS, tonsil knife, 215mm	76
BRUNNER, retractors	126
BRUNNER, rib shears	31
BRUNS, plaster scissor	64
BRYANT, sponge forceps	43
BROPHY, Tissue Forceps	38
BROWN, Tissue Forceps	39
BUCHS, retractors	75
BUCHWALD, tongue depressor	04
BUCK, neurological hammer	01
BUMM, ovum forceps	230
BUCK, Ear Curettes	110
C	
CASPAR, retractor	75
CASPAR, Micro scissor 115mm	16
CASTROVIEJO, tissue forceps	37
CASTROVIEJO, micro spring scissor	15
CASTROVIEJO, needle holder	61
CASTROVIEJO, eye scissor 110mm	15
CASTROVIEJO, eye scissor 115mm	15
CATLIN, amputating knife 160mm	12
CALIPER, Examination & Measuring Instruments	10
CARREL, Haemostatic Forceps	51
CARROLL, Examination & Measuring Instruments	10
CASPAR, Rongeurs	133
CASPAR, Rongeurs	134
CASTROVIEJO, Examination & Measuring Instruments	10
CHAPUT, artery traction forceps	47
CLOWARD, lamina Spreaders	83
CLAUS PLIER, Wire Cutting Plier With T.C. Inserts	187
CLAUS PLIER, Wire Cutting Plier With T.C. Inserts	187
COAKLEY, antrum trocars	100
COLLIN, intestinal grasping forceps	86
COLLIN, rib shears	126
COLLIN, sponge and dressing forceps	44
COLLIN, tongue forceps	05
COLLIN, vaginal spatula	101
CONE KNIFE 235mm11	13
CONVERSE, fine wound retractor	69
COOLEY, multi purpose clamps	122
COTTLE, retractors	71
COTTLE, nasal scissor	25
COTTLE, fine wound retractor	69
COTTLE, mallets	140
COLLIN, Examination & Measuring Instruments	10
COLLIN, Intestinal Grasping Forceps	46
COLLIN, Retractors	73
COLLIN-HARTMANN, Retractors	73
COTTLE, Forceps, Bayonet - Shaped	40
COTTLE, Nasal Specula	91
CRILE, Haemostatic Forceps	52
CRILE, Haemostatic Forceps	52
CRILE, Retractors	73
CUTTING PLIER, Wire Cutting Plier With T.C. Inserts	187
CRAFOORD, haemostatic forceps	50
CRILE, needle holder	63
CUSCO, vaginal specula	101
CUSHING, wound and vein retractor	71
CUSHING, dissecting forceps	34
CUSHING-KOCHER, retractors	71
CZERNY, gall stone forceps	96
CZERNY, retractors	72

Alphabetical Index

D		
DAVIDSON, scapula retractors	77	
DAVIS, vascular spatulas	120	
DANDY, Haemostatic Forceps	51	
DE BAKEY, forceps	36	
DE BAKEY, anastomosis clamps	89	
DE BAKEY, anastomosis clamps	125	
DE BAKEY, arteriotomy scissor	22	
DE BAKEY, vana cava clamps	123	
DE BAKEY, multi purpose clamps	122	
DE BAKEY, retractors	82	
DE BAKEY, atraumata	121	
DEAN, nasal and tonsil scissor	25	
DEAVER, retractors	77	
DEAVER, surgical scissor (flat lock)	21	
DE-BAKEY, bulldog clamps	49	
DEJERINE, percussion hammer	01	
DELICATE DISSECTING FORCEPS	33	
DELICATE SCISSORS, blunt points	19	
DELICATE SCISSORS, sharp points	18	
DELICATE SCISSORS, sharp points	19	
DENHARDT, mouth gag	05	
DENIS-BROWENE, intestinal forceps	41	
DERRA, multi purpose clamps	122	
DESCHAMPS, ligature needles	65	
DESJARDINS, gall duct forceps	95	
DESJARDINS, gall stone forceps	96	
DESJARDINS, gall stone scoops	95	
DESMARRES, wound and vein retractors	71	
DEMEL, Cerclage Instruments	148	
DIAGNOSTIC SETS	07	
DICK, vaginal clamps and compression forceps	59	
DIEFFEBACH, bulldog clamps	49	
DINGMANN, bone holding forceps	142	
DISSECTING KNIVES	11	
Dissection Instruments	164	
Dissection Instruments	165	
Dissection Instruments	166	
DITTEL, metal bougies	80	
DOYEN, abdominal retractors	79	
DOYEN, intestinal clamps	87	
DOYEN, ovum forceps	230	
DOYEN, probes	66	
DOYEN, towel clamps	48	
DOYEN, vaginal specula	104	
DUROGRIP, Wire Holding forceps	149	
DUROTIP, Cutting Pliers	152	
DUROTIP, Cutting Pliers	153	
DUROTIP, Wire Cutters Cutting Scissors	151	
DUVAL-COLLIN, Intestinal Grasping Forceps	46	
DUPLAY, sponge and dressing forceps	43	
DUVAL, intestinal forceps	41	
E		
EISELSBERD, needle holder	63	
ELSCHING, forceps	37	
ENGL.MOD, towel clamps	48	
EPPENDORF, biopsy forceps	115	
ESMARCH, cloth and plaster scissors	31	
EISELSBERG-MATHIEU, Needle Holders	64	
EXTRACTION PLIERS, Wire Holding forceps	150	
F		
FARABEUF, Retractors	73	
FEILCHENELD, splinter forceps	42	
FERGUSSON, haemorrhoidal forceps	93	
FERGUSSON, suction instrument	163	
FERGUSSON-ACKLAND, mouth gag	05	
FINOCHIETTO, forceps	58	
FINOCHIETTO, rib spreader	127	
FINSEN, tracheal hooks	119	
FIBER OPTIC, laryngoscopes	09	
FINGER NAIL DRIL, Finger Nail Instruments	155	
FINGER RING SAW, Finger Nail Instruments	155	
FINSTERER, Suction Instruments	161	
FLAT-NOSED PLIERS, Wire Holding forceps	150	
FOERSTER-BALLENGER, Tissue Grasping Forceps	45	
FORCEPS, Finger Nail Instruments	155	
FOREGGER, laryngoscopes	09	
FOMON, nasal scissor	19	
FORD-BOWLES, stethoscope	02	
FOWLER, tonsil knife	13	
FRANCKE, blood lancet	06	
FRAZIER, fine wound retractor	69	
FRAZIER, suction instruments	163	
FREER, fine wound retractor	69	
FREER, vascular spatulas	120	
FRENZEL, tongue depressor	04	
FRICKE, haemostatic forceps	56	
FRITSCH, retractor	79	
G		
GALLAHER, rasp	126	
GELPI, special retractors	82	
GELPI, vaginal retractors	105	
GERALD, dissecting forceps	34	
GIERTZ-STILLE, rib shears	126	
GILL, tissue forceps	37	
GILL-HESS, tissue forceps	37	
GILLIES, fine wound retractor	69	
GILLIES, needle holder	63	
GLOVER, bulldog clamp	49	
GLUCK, rib shears	126	
GOOD, tonsil scissors	25	
GORNEY, suction instruments	163	
GOSSET, abdominal retractors	84	
GRAEFE, fine wound retractor	69	
GRAVE, vaginal specula	102	
GROSS, dressing forceps	43	
GUEDEL-NEGUS, laryngoscope	08	
GUTHRIE, fine wound retractor	69	
GUYON, kidney clamps	97	
GERALD, Tissue Forceps	38	
GILLIES, Tissue Forceps	38	
GOLDSMITH, Nasal Specula	91	
GRAEFE, Tissue Forceps	39	
GRAEFE, Tissue Forceps	39	
GRUENWALD, Forceps, Bayonet - Shaped	40	
H		
HALLE, vascular spatulas	120	
HALSTED-MOSQUITO, haemostatic forceps	50	
HARTMANN, intestinal clamps	87	

Alphabetical Index

HARVEY, plate scissors	29	KELLY, tissue grasping forceps	44
HAJEK-KOFLER, Punches	130	KERN-LANE, bone holding forceps	143
HALSTED, Haemostatic Forceps	52	KERRISON-JACOBY, punches	129
HALSTED-MOSQUITO, Haemostatic Forceps	51	KERSTING, anastomosis forceps	89
HARTMANN, Ear Polypus Forceps	112	KELLY, Haemostatic Forceps	51
HARTMANN-HALLE, Nasal Specula	91	KERRISON, Punches	130
HARTMANN-HERZFELR, Ear Polypus Forceps	112	KILLIAN, bone shear	26
HARTMANN-HOFFMAR, Ear Polypus Forceps	112	KILLIAN, rectal spatula	90
HARTMANN-WULLSTEIN, Ear Polypus Forceps	112	KILNER, fine dissecting scissors	22
HARVEY, Wire Cutters Cutting Scissors	151	KILNER, fine wound retractor	69
HEANEY, needle holder	62	KILNER, dissecting scissor	22
HEGAR, needle holder	62	KILLIAN, Nasal Specula	90
HEGAR-OLSEN, needle holder	63	KIRSCHNER, Cutting Pliers	154
HEGER, uterine dilators	106	KIRSCHNER, Wire Extension	147
HEISS, haemostatic forceps	50	KOCHER, Haemostatic Forceps	52
HEISS, dressing forceps	58	KOCHER, Haemostatic Forceps	54
HEISTER, mouth gag	05	KOCHER-OCHSNER, Haemostatic Forceps	55
HENING, plaster spreader	157	KLIMA ROSEGGGER, trocars	100
HERGET, biopsy forceps	113	KOCHER, retractor	71
HERTZLER, abdominal retractors	84	KOCHER, bladder retractors	99
HERTZLER, rib spreaders	127	KOCHER, bone retractor	74
HESS, tissue forceps	37	KOCHER, retractors	75
HEYMANN-KNIGHT, scissors	25	KOLLE, blood lancet	06
HEYWOOD-SMITH, ovum forceps	109	KONIG, elevators	135
HEYWOOD-SMITH, sponge holding forceps	44	KONIG, raspatories	137
HEYWOOD-SMITH, tongue forceps	05	KONISATION SMESSER, retractors	57
HOLLOW NEEDLE, Suction Instruments	159	KRAUSE, biopsy tip	115
HOUSE, Suction Instruments	161	KRISTELLER, vaginal specula	102
HUBER, biopsy forceps	115	KRISTELLER, vaginal specula	103
HUNT, tumor & vessel forceps	32	KRONECKER, suture instruments	65
HUNTER, splinter forceps	42	KRONLEIN, haemostatic forceps	56
		KUMMEL, intestinal spatula	80
I		L	
INGE, lamina spreaders	83	LABORDE, tracheal dilators	119
INTEROSSEOUS, cartilage knife	12	LAHEY, artery traction forceps	47
IVES-FANSLER, anoscopes	92	LAHEY, gall duct forceps	94
J		LANE TRETOWAN, bone levers	136
JACKSON BURROWS, retractors	82	LANE, bone holding forceps	143
JACOBSON, bone curettes	139	LANE, bone levers	136
JACOBSON, needle holder	61	LANE, tissue forceps	41
JAEGAR, fine wound retractor	69	LANE, towel clamps	48
JAMESON, dissecting scissor	22	LANGE-HOHMANN, bone levers	136
JAMESON, needle holder	62	LANGENBACK, bone levers	135
JANSEN, bone curettes	139	LANGENBECK, with triangle handle	70
JANSEN, bone rongeurs	144	LANGENBECK, flap knife	12
JOHNS-HOPKING, bulldog clamps	49	LARYNGEAL MIRRORS	06
JOLL (FRIEDMAN), retractors	82	LAWRENCE, ligature forceps	58
JOLL, vaginal retractors	105	LANDOLT, Suction Instruments	160
JONES, towel clamps	48	LANDOLT, Suction Instruments	161
JOSEPH, bone file	138	LANGENBECK, Ear Curettes	110
JOSEPH, dura and skin retractor	69	LEBSCHUE, rib shears	126
JOSEPH, raspatories	137	LEGUEU, bladder retractors	99
JUDD-MASSON, bladder retractors	99	LEKSELL-STILLE, bone rongeurs	145
JANSEN, FORCEPS, Bayonet - Shaped	40	LERICHE, intestinal spatula	80
K		LEWIS, bone file	138
KADER, intestinal spatula	80	LISTER, bandage scissor	30
KALT, needle holder	61	LISTER, cloth scissor	30
KELLY, ovum forceps	109	LISTER, sponge forceps	43
KELLY, anoscopes	92	LISTON, bone cutting forceps	146

Alphabetical Index

LOCKHART-MUMMERY, probes	66	MULLER, dura and skin retractor	69
LOCKWOOD, Intestinal Grasping Forceps	46	MURPHY, head band	03
LUCAE, FORCEPS, Bayonet – Shaped	40	MUSEUX, tissue grasping forceps	47
LUER, Retractors	73	N	
LOCKLIN, delicate scissor	25	NASAL SCISSORS	25
LOPEZ-REINKE, suction instruments	163	NAUJOKS wire scissors	29
LOWER, gall duct forceps	94	NAIL SPLITTING, Finger Nail Instruments	155
LOWMAN, bone clamps	143	NEEDLE HOLDER, for micro surgery	48
LOWMAN-GERSTER, bone clamps	143	NEGUS, tonsil forceps	57
LOWMAN-HOGLUND, bone clamps	143	NELATON, probes	66
LUCAS, gouges	141	NELSON, lung dissecting forceps	41
LUER-KORTE, gall stone scoops	80	NISSEN, gall duct forceps	94
LURE, bone rongeurs	144	NOTO, ovum forceps	109
M		NOTO, sponge holding forceps	44
MAGILL, laryngoscope	07	NOVAK-SCHOECKAERT, biopsy curettes	111
MALTZ, rasps	138	NOYES, micro spring scissor	15
MANNERFELT, osteotomes	141	O	
MANNERFELT, retractors	70	OLIVECRONA, dura scissors	24
MARTIN, uterine probes	107	OLIVECRONA, trigeminal knife	13
MARTINI, bone curettes	139	OTOSCOPE SETS	07
MASING, retractors	71	OTOSCOPE, Diagnostic Sets	07
MASSON, needle holder	62	P	
MASSON-LUETHY, needle holder	62	PARTSCH, raspatories	137
MATHIEU, retractors	72	PARTSCH, gouges	141
MAYO, dissecting scissors	23	PARTSCH, raspatories	137
MAYO, uterine probes	107	PAYR, pylorus clamps	86
MAYO-HARRINGTON, dissecting scissors	23	PEAN, haemostatic forceps	57
MAYO-NOBLE, dissecting scissors	23	PEAN, haemostatic forceps	51
MAYO-STILLE, dissecting scissors	23	PEAN, kidney clamps	97
MARTIN, Nasal Specula	90	PEDERSON, vaginal specula	102
MATHIEU, Needle Holders	64	PEET, splinter forceps	42
MATHIEU-STILLE, Needle Holders	64	PELKMANN, uterine dressing forceps	108
MC INDOE, forceps	34	PERKINS, self retaining retractors	81
MC KENTY, raspatories	137	PIERCE, trocars	100
MEAD, mallets	140	PINARD, wooden stethoscope	02
MC INDOE, Tissue Forceps	38	PLESTER, retractors	81
MCINTOSH, laryngoscopes	09	PLESTER, suction instruments	163
MEDIUM, Dissecting Forceps	35	POOL, suction instruments	162
MICRO-HALSTED, Haemostatic Forceps	51	POTTS-SMITH, cardiovascular scissor	24
MILLIN, Needle Holders	64	PROBES	67
MICHEL, laryngeal mirrors	06	PARKER, Retractors	73
MICRO SCISSORS, laterally angled	17	PEAN, Haemostatic Forceps	52
MICRO-ADSON, forceps	33	PEAN, Haemostatic Forceps	53
MICRO-ADSON, forceps	37	PEAN, Haemostatic Forceps	54
MIDDELDORPF, retractors	75	PENNINGTON, Tissue Grasping Forceps	45
MIKULICZ, tissue forceps	57	PROVIDENCE-HOSPITAL, Haemostatic Forceps	51
MIKULICZ, intestinal spatula	80	Q	
MIKULICZ, retractors	78	QUERVAIN, bone levers	113
MILLER, laryngoscope	08	R	
MILLIN, bladder retractors	99	RABINER, neurological hammer	01
MIXTER, ligature forceps	58	RANDALL, biopsy curettes	111
MOD.USA, plaster spreader	127	RANDALL, kidney stone forceps	98
MORRIS, anastomosis clamps	89	RECAMIER, uterine scoops	116
MOYNIHAN, haemostatic forceps	57	REYNOLDS, dissecting scissors	22
MOYO-HEGAR, needle holder	62	RICHTER, vaginal retractors	105
MOD. WIEN, Nasal Specula	91	ROCHESTER-CARMALT, haemostatic forceps	57
MOLTGEN, Examination & Measuring Instruments	10	ROEDER, towel clamps	48
MULLAR, Wire Cutting Plier With T.C. Inserts	187		
MULLER LIGATURE FORCEPS	49		
MULLER VESSEL CLIPS	49		

Alphabetical Index

ROUX, retractors	72
RUDD, haemorrhoidal ligator	93
RUMEL, dissecting forceps	58
RUSS-MODELL, tissue forceps	41
ROHRSCHNEIDER, needle holder	61
ROLLET, dura and skin retractor	69
ROSER KONIG, mouth gag	05
RAMPLEY, Tissue Grasping Forceps	45
RANKIN, Haemostatic Forceps	52
REILL, Cutting Pliers	152
REPLACEMENT LAMP, laryngoscopes	09
ROCHESTER-OCHSNER, Haemostatic Forceps	54
ROCHESTER-PEAN, Haemostatic Forceps	53
ROSE, Retractors	73
ROUND PLIERS, Wire Holding forceps	150

S

SAENGER, ovum forceps	118
SAMIL, tumor grasping forceps	32
SATINSKY, vena cava scissors	24
SAUPE, cilia forceps	42
SCALPEL HANDLES	14
SCHAAF, cilia forceps	42
SCHAEDEL, towel clamps	48
SCHEINMANN, biopsy forceps	115
SCHIMMELBUSCH, ether mask	05
SCHMID, vascular spatulas	120
SCHOEMAKER-LOTH, needle holder	63
SCHOENBORN, retractors	71
SCHRODER, uterine scoops	116
SCHUMACHER, rib shears	126
SCHUMACHER, umbilical scissors	28
SCHUMASHER, biopsy forceps	114
SCOVILLE-RICHTER, retractors	67
SEGOND, myomatome	13
SEIDL, vaginal specula	102
SEIDL-DBP, biopsy forceps	114
SELLORS, rib spreaders	128
SEMKEN, dissecting forceps	34
SEMKEN, tissue forceps	37
SENN-MILLER, Retractors	73
SEUTIN, plaster scissor	31
SHAPLEIGH, Ear Curettes	110
SIMON, uterine scoops	116
SIMPLEX, tongue depressor	04
SIMPSON, uterine probes	107
SIMPSON-BRAUN, obstetrics forceps	117
SIMS, gynaecology scissors	27
SIMS, vaginal specula	102
SIMS, rectal specula	90
SIMS, uterine probes	107
SMOOTH JAWS FORCEPS	34
ST.MARTIN, tissue forceps	37
STEMBERG, tongue depressor	04
STIEGLITZ, splinter forceps	42
STILLE, bone rongeurs	145
STILLE-AESULAP, plaster shears	156
STILLE-RUSKIN, bone rongeurs	145
STRACK, wire scissor	29
STRASSBURGER Tissue forceps	41
STANDARD, Dissecting Forceps	35
STANDARD, Tissue Forceps	39

STERBERG, Retractors	
STRULLY, cardiovascular scissors (pointed)	24
SUCTION INSTRUMENTS	162
SURGICAL SCISSORS, incision	21
SURGICAL SCISSORS, serrated	20
SURGICAL SCISSORS, slender type	20
SURGICAL SCISSORS, standard	20
SURGICAL SCISSORS, standard	20
SUTURING INSTRUMENT SET	68
SYSTRUNK, nail splitting scissors	21
SPENCER-WELLS, Haemostatic Forceps	
SYSTRUNK, Finger Nail Instruments	

T

TAKAHASHI, rongeur	112
TAYLOR, percussion hammer	01
TAKAHASHI, Rongeurs	132
THOREK, cardiovascular scissors	24
THORPE, corneal forceps	33
TIECK-HALLE, Nasal Specula	90
TOENNIS, Wire Cutting Plier With T.C. Inserts	187
TOWNLEY, Examination & Measuring Instruments	10
TOBOLD, tongue depressors	04
TOENNIS ADSON, dissecting scissors	22
TOENNIS, dissecting scissors	22
TOENNIS, fine wound retractor	69
TOENNIS, vascular spatulas	120
TOENNIS, needle holder	63
TRELAT, raspatories	137
TRIGEMINAL KNIFE	13
TROCARS	100
TROEMNER, percussion hammer	01
TROUSSEAU, tracheal dilators	119
TROCAR, Suction Instruments	159
TROELTSCH, FORCEPS, Bayonet - Shaped	40
TUFFIER, rib spreaders	127
TUTTLE, lung dissecting forceps	41

U

UMBILICAL CORD SCISSORS	28
UNIVERSAL BANDAGE SCISSORS	30
UNIVERSAL TROCARS	100
US-ARMY, retractors	72

V

VANNAS, micro spring scissors	15
VERNIER, Examination & Measuring Instruments	10
WISE GRIP, Wire Holding forceps	150
VOLKMANN, bone curettes	139
VOLKMANN, bone retractors	74

Alphabetical Index

W

WANGENSTEEN, needle holder	62
WARTENMERG, pinwheel	01
WAGNER, Rongeurs	134
WAUGH, Tissue Forceps	38
WEBER, anastomosis clamps	124
WECKER, eye scissors	15
WEIL-BLAKESLEY, rongeurs	112
WEITLANER, self retaining retractors	81
WERTHEIM, gynaecology scissors	27
WERTHEIM, clamps and forceps	59
WERTHEIM-CULLEN, vaginal clamps	60
WIEDER, tongue depressor	04
WEIL-BLAKESLEY, Rongeurs	132
WILLIGER, bone curettes	139
WILLIGER, elevators	135
WILLIGER, raspatories	137
WINTER, ovum forceps	118
WILDE, Forceps, Bayonet – Shaped	40
WOLFF, plaster breakers	157
WULLSTEIN, retractors	81
WULLSTEIN, Suction Instruments	160

Y

YASARGIL, needle holder	61
YASARGIL, tumor grasping forceps	32
YASARGIL-SAMII, tumor grasping forceps	32
YASARGIL, Suction Instruments	160
YASARGIL, Suction Instruments	161
YASRGIL, micro scissors	17
YEOMAN, biopsy forceps	113
YOUNG, tongue forceps	05
YOUNG– HRYNTSCHAK, Needle Holders	64
YOUNG-MILLIN, Needle Holders	64

Z

ZENKER, ligature	58
ZENKER, retractors	77
ZIEGLER, head band	03
ZIEGLER, head mirror	03