



TABIB

surgical



SURGICAL INSTRUMENTS



Table Of Contents



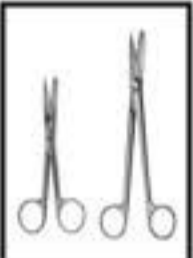

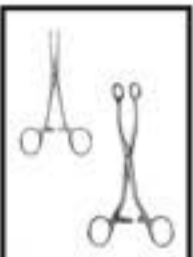
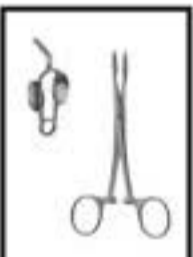
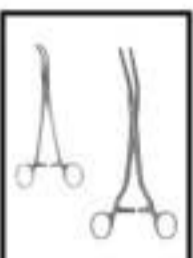

	Page Seite		Page Seite	
Diagnostic, Anaesthesia and other instruments	1 - 10		Probes, Pocket Instruments sets	66 - 68
Scalpels, knives and Scalpel Handles	11 - 14		Wound Retractors	69 - 80
Scissors	15 - 31		Self-Retaining Retractors, Abdominal Retractors	81 - 85
Dissecting-and Tissue Forceps	32 - 42		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





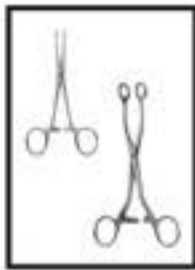
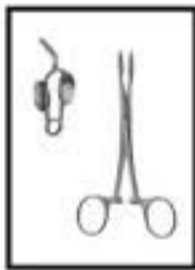
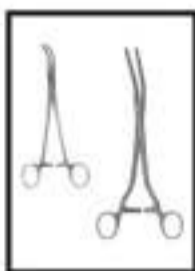









	Page Seite		Page Seite	
Diagnostic, Anaesthesia and other instruments	1 - 10		Probes, Pocket Instruments sets	66 - 68
Scalpels, knives and Scalpel Handles	11 - 14		Wound Retractors	69 - 80
Scissors	15 - 31		Self-Retaining Retractors, Abdominal Retractors	81 - 85
Dissecting-and Tissue Forceps	32 - 42		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		Hospital Wares	167 - 174
Cardiovascular-and Thoracic Surgery	120 - 128		TC Instruments	175 - 187
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

1/2



01-102
DEJERINE
Size: 200 mm

1/2



01-103
DEJERINE
with needle
Size: 210 mm

1/2



01-104
TAYLOR
Size: 195 mm

1/2



01-105
BERLINER
Size: 200 mm

1/2



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

1/2



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

1/2



01-108
ALY
Size: 190 mm

1/2



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

1/2

Stethoscopes



01-110
PINARD (Aluminum)
Size: 155 mm

½



01-111
wooden
Size: 145 mm

½



01-112
BOWLES
Stethoscope
with diaphragm

¼



01-113
ANESTOPHON

⅓



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

¼



01-115
BOWLES

¼

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

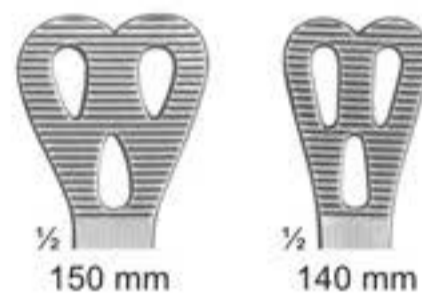
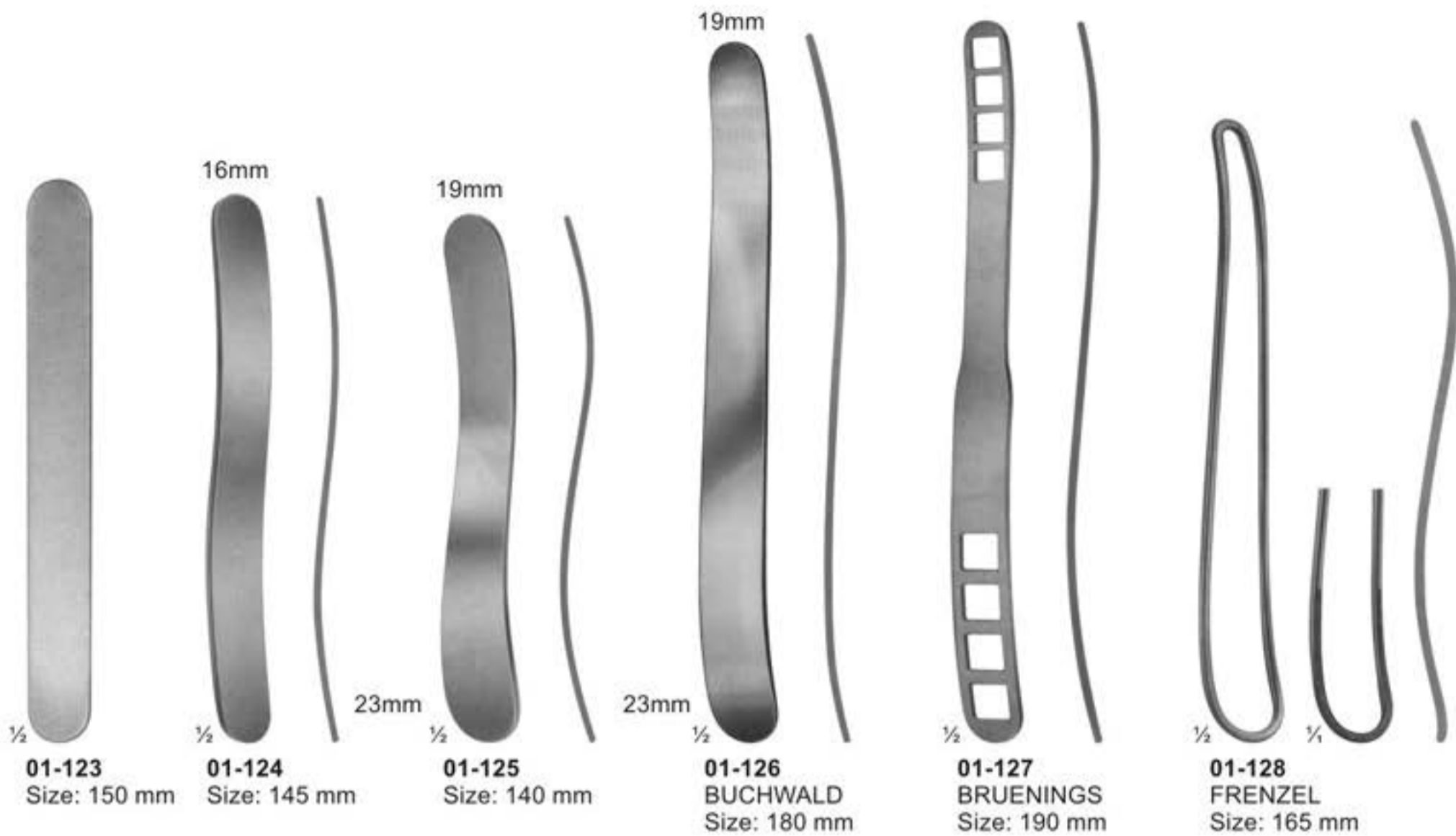


01-121
head band of plastic,
white, soft pattern



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



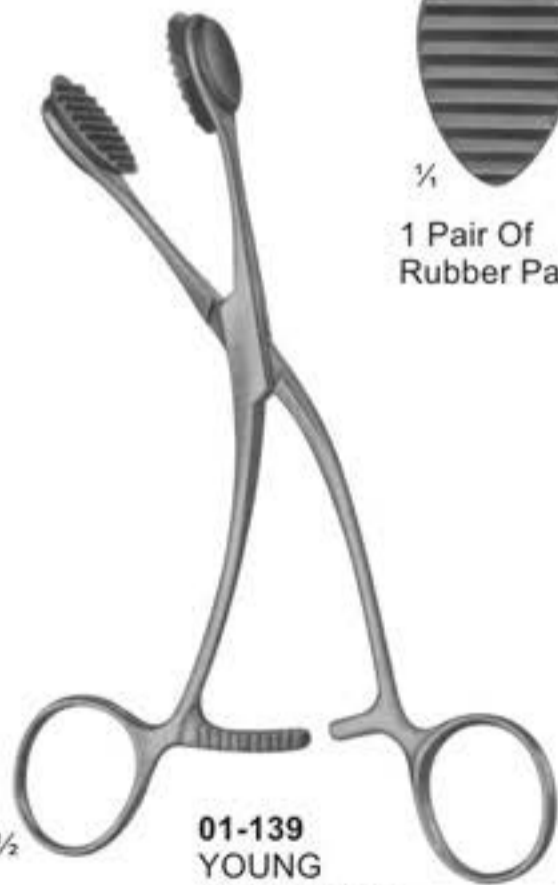
1/2
01-136
FERGUSON-ACKLAND
Mouth gag
Size: 145 mm



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



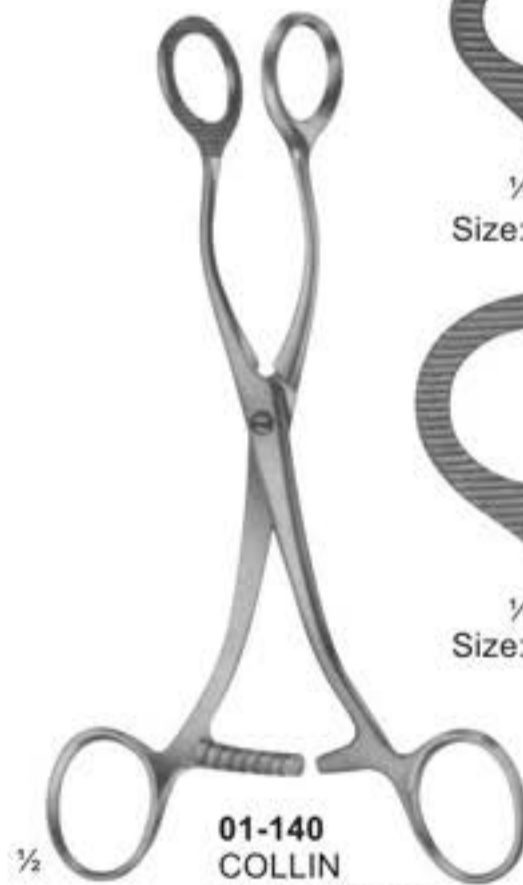
1/2
01-138
ROSER KOENIG
Mouth gag
Size: 160 mm, 185 mm



1/2
01-139
YOUNG
Size: 165 mm



1/4
1 Pair Of
Rubber Pads



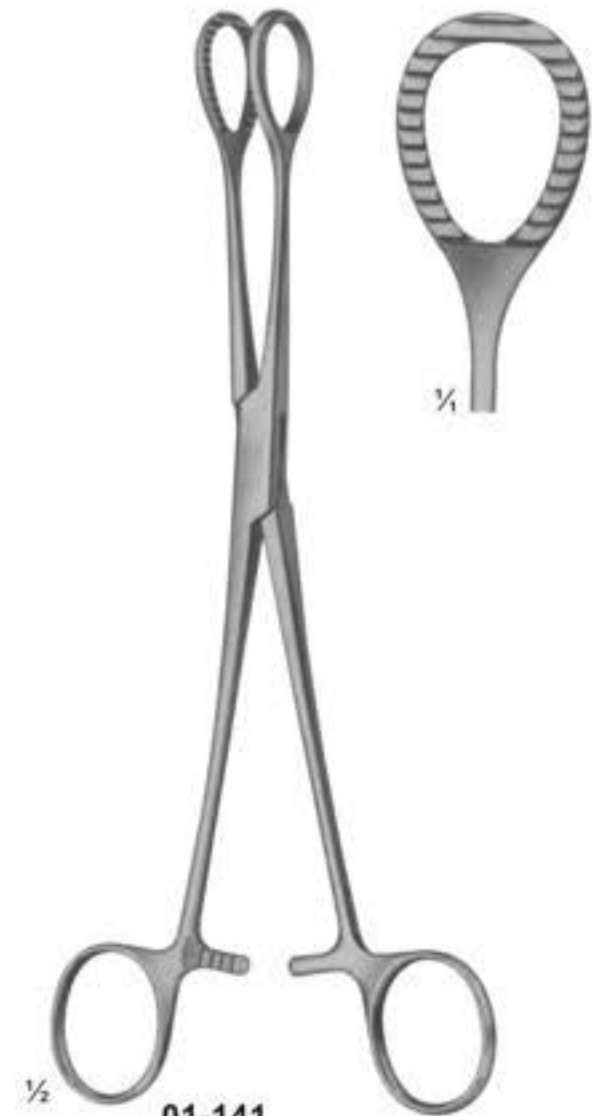
1/2
01-140
COLLIN
Size: 160 mm,
170 mm



1/4
Size: 160 mm

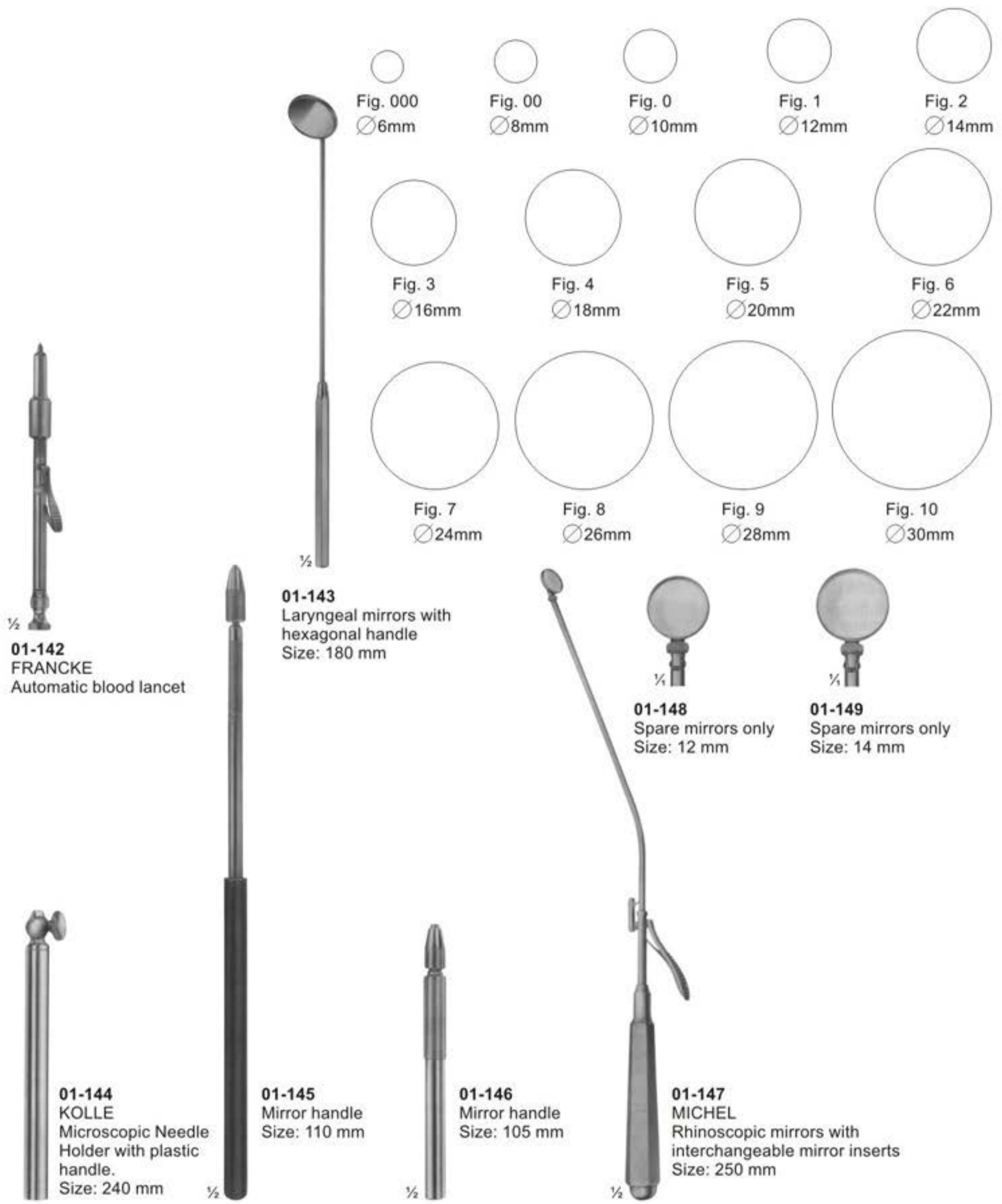


1/4
Size: 170 mm



1/2
01-141
HEYWOOD-SMITH
modif. Size: 215 mm

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

Fig. 000
∅6mm

Fig. 00
∅8mm

Fig. 0
∅10mm

Fig. 1
∅12mm

Fig. 2
∅14mm

Fig. 3
∅16mm

Fig. 4
∅18mm

Fig. 5
∅20mm

Fig. 6
∅22mm

Fig. 7
∅24mm

Fig. 8
∅26mm

Fig. 9
∅28mm

Fig. 10
∅30mm

Laryngoscope and Diagnostic Sets



01-150
Infants
Size: 150 mm



01-151
Children
Size: 200 mm



01-152
Adults
Size: 250 mm



01-150 - 152
MAGILL



01-154



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



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



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



01-155



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



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

Laryngoscopes



1/3

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

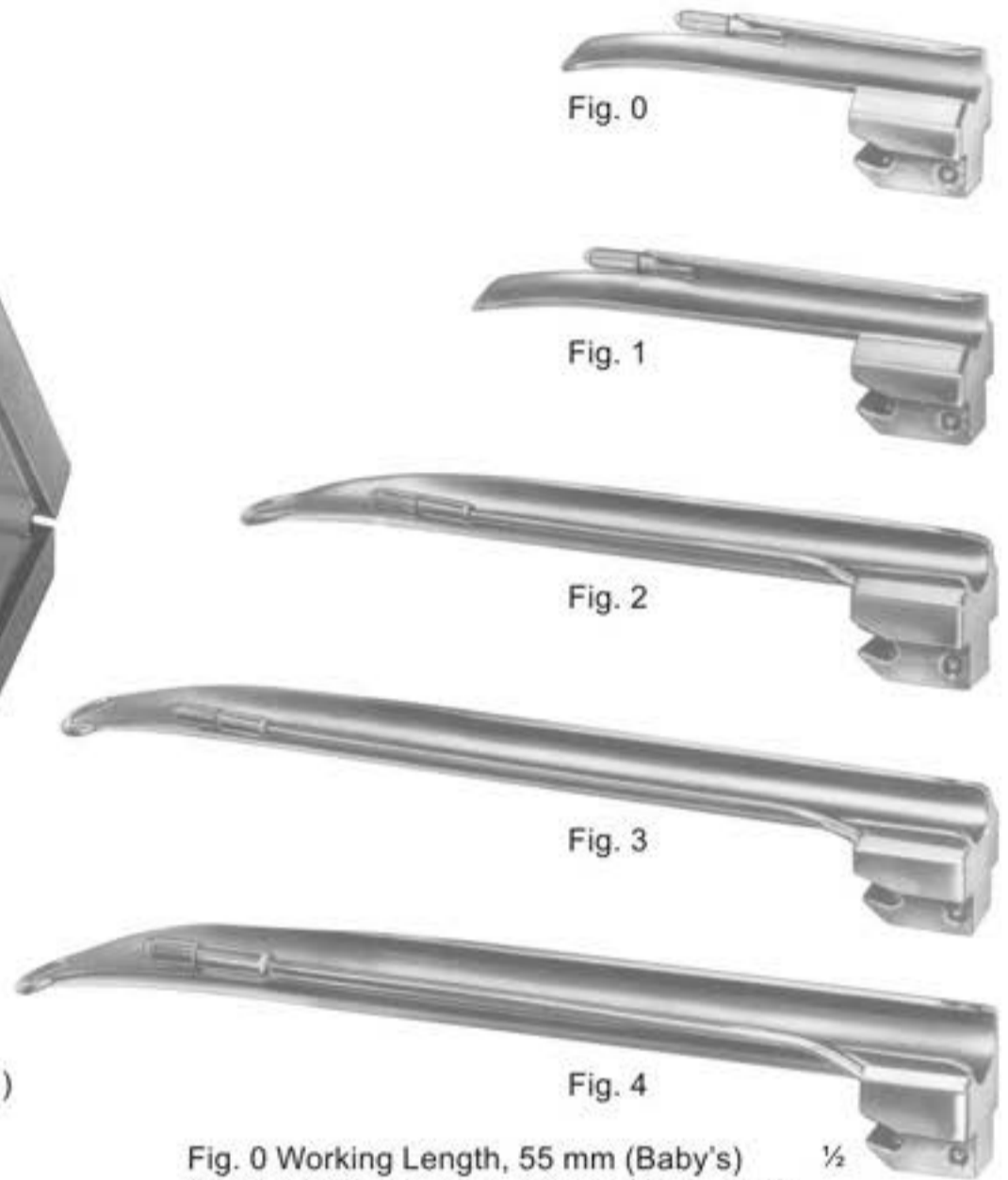


Fig. 0 Working Length, 55 mm (Baby's) 1/2
Fig. 1 Working Length, 80 mm (Children's)
Fig. 2 Working Length, 130 mm (Adolescent's)
Fig. 3 Working Length, 170 mm (Women's)
Fig. 4 Working Length, 180 mm (Men's)



1/3

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



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

Laryngoscopes



01-160
McINTOSH
Laryngoscope Set, Consists Of Battery Handle (Without Battery)
With Three McIntosh Blades, Fig. 1, Fig. 2, Fig. 3

01-161
McINTOSH
Laryngoscope Set, Consists Of Battery Handle (Without Battery)
With Five McIntosh Blades, Fig. 0, Fig. 1, Fig. 2, Fig. 3, Fig. 4



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4

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



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

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



Fig. 1



Fig. 2



Fig. 3



Fig. 4

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



01-164
Fiber Optic
Battery Handle
30mm diam.



01-165
Fiber Optic
Battery Handle
18mm diam.

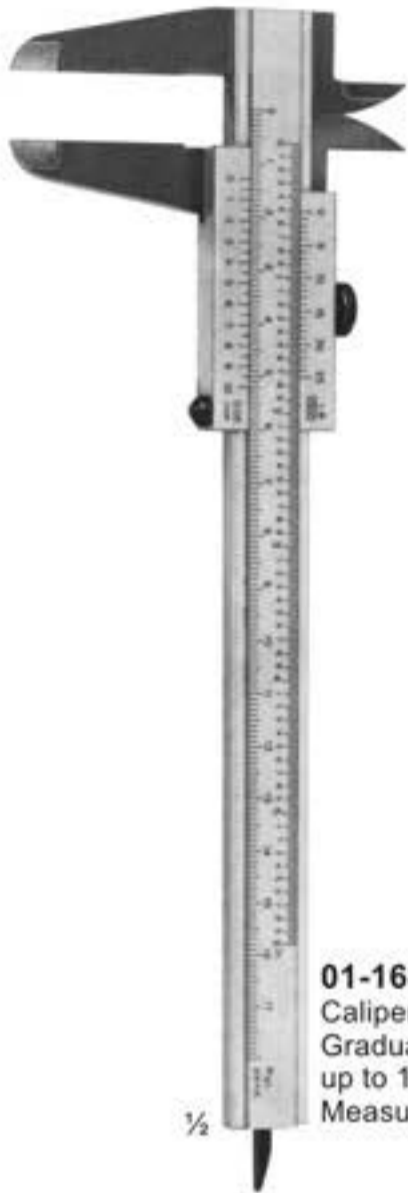


01-166
Replacement Lamp
(Krypton) 2.5 V



01-167
Replacement Lamp
(Halogen) 2.5 V

Examination & Measuring Instruments



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



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



01-170
CARROLL
Size: 145 mm
Finger Goniometer



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



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



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



01-174
CASTROVIEJO
Caliper
Size: 75mm

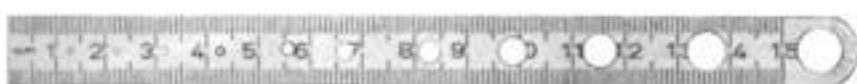


01-175
MOLTGEN
Goniometer



01-176
Size: 150 mm

01-177
Size: 500 mm



Dissecting Knives



02-101 - 110
Fig. 1 - 10



02-101
Fig. 1
30 mm



02-102
Fig. 2
36 mm



02-103
Fig. 3
40 mm



02-104
Fig. 4
45 mm



02-105
Fig. 5
50 mm



02-106
Fig. 6
27 mm



02-107
Fig. 7
35 mm



02-108
Fig. 8
40 mm



02-109
Fig. 9
47 mm



02-110
Fig. 10
50 mm

**Amputating Knives, Cartilage Knives
and Autopsy Knives**



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

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

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

02-117
Size: 110 mm
Blade length
Interosseous
Knives

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

02-119
Size: 70 mm
Blade length
Wooden handle

02-120
Size: 80 mm
Blade length
Metal handle

02-121
Size: 195 mm
Blade length
Metal handle

Blade length
Amputating Knives

**Cone Knives, Myomatome, Trigeminal
and Tonsil Knives**



1/4

02-122
AYRE
Size: 235 mm
Cone Knife

1/4

02-123
Size: 230 mm
Cone Knife

1/4

02-124
SEGOND
Size: 270 mm
Myomatome

1/4

1/4

02-125
OLIVECRONA
Size: 205 mm
Trigeminal
Knife

1/4

02-126
Size: 230 mm
Trigeminal
Knife

1/4

02-127
FOWLER
Size: 200 mm
Tonsil Knife

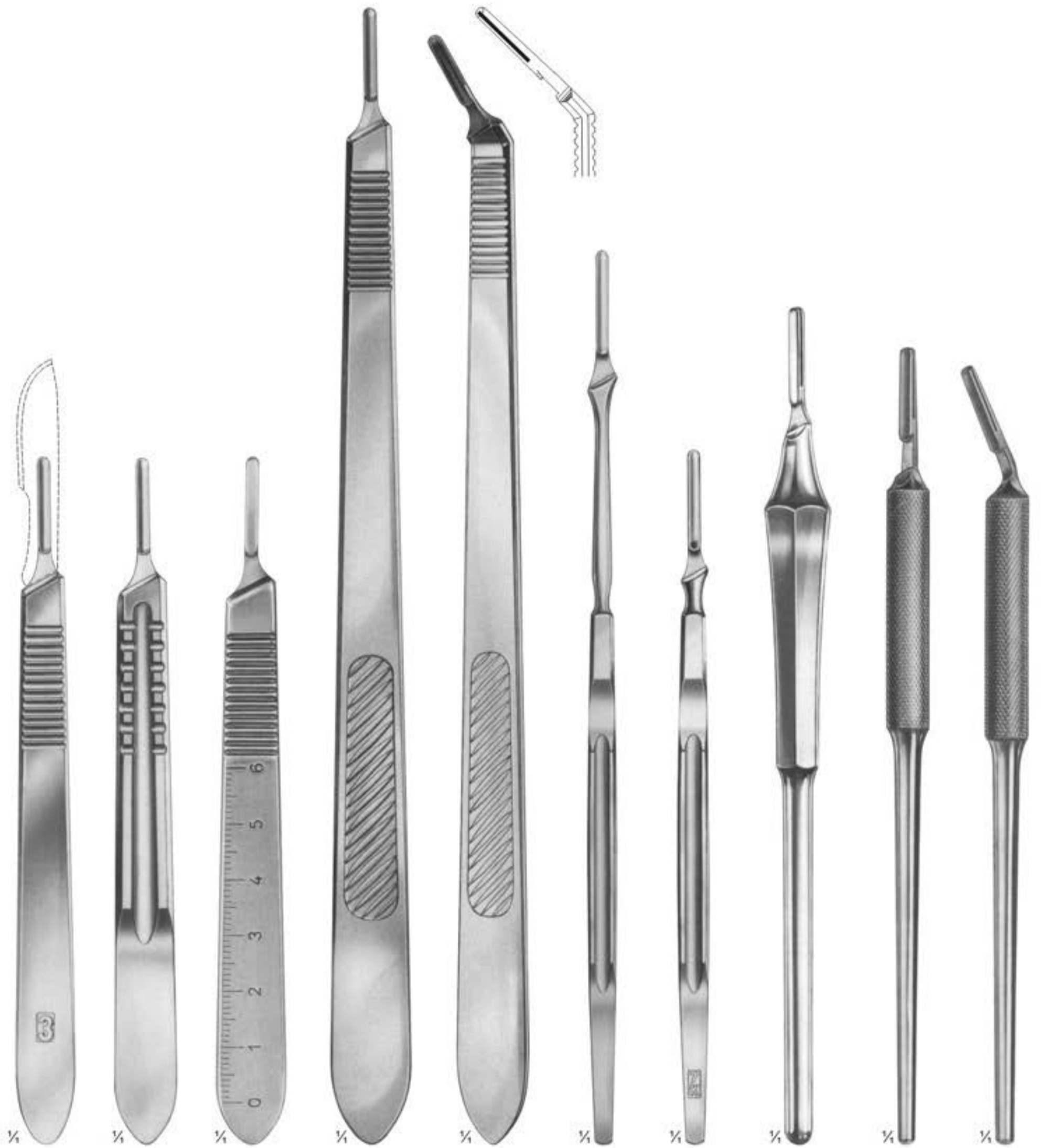
1/4

02-128
ABRAHAM
Size: 215 mm
Tonsil Knife

1/4

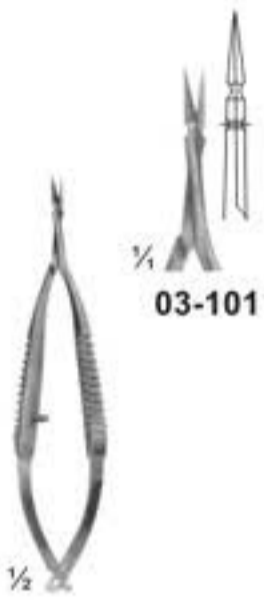
02-129
BRUNINGS
Size: 215 mm
Tonsil Knife

Scalpel Handles



1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
02-130 STANDARD No. 3 Solid 12 cm	02-131 No. 3 Solid 12 cm	02-132 No. 3 Solid 12 cm	02-133 No. 3 L Straight Solid 21.5 cm	02-134 No. 3 L Angled Solid 21 cm	02-135 No. 7 Solid 16 cm	02-136 No. 7 K Solid 12.5 cm	02-137 Hollow-Round 15.5 cm	02-138 No. 3 Straight Solid, Round 14.5 cm	02-139 No. 3 Angled Solid, Round 14 cm

Micro Scissors (Spring Type) with Flat Handles



03-101



03-102



03-103

03-101 - 103
VANNAS
Size: 85 mm

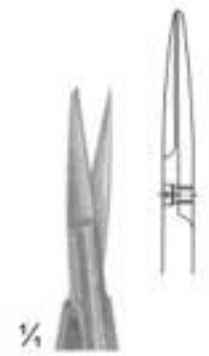
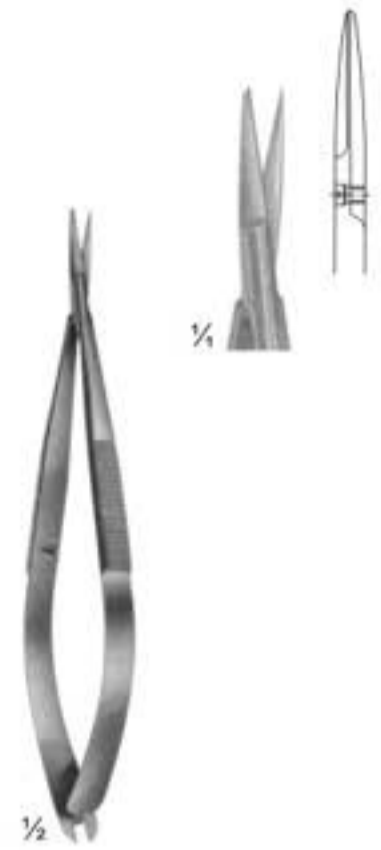


03-104

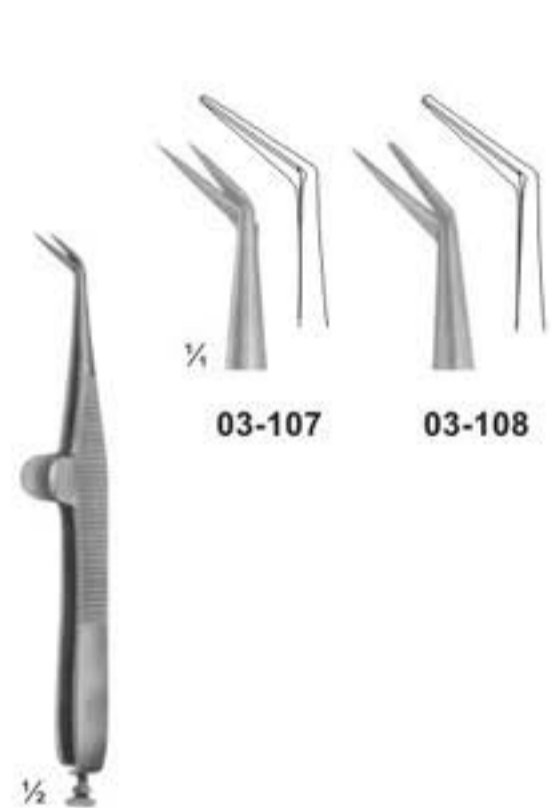


03-105

03-104 - 105
CASTROVIEJO
Size: 95 mm



03-106
NOYES
Size: 125 mm



03-107



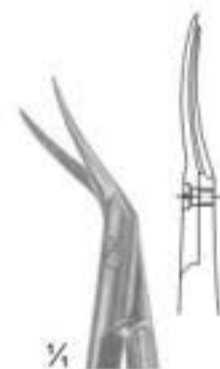
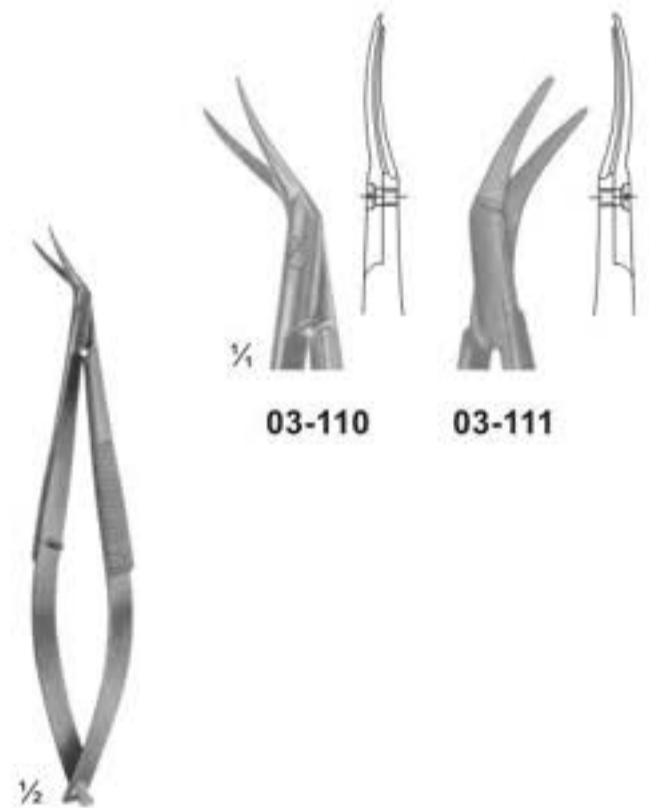
03-108

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



03-109

03-109
CASTROVIEJO
Eye scissor
Size: 115 mm



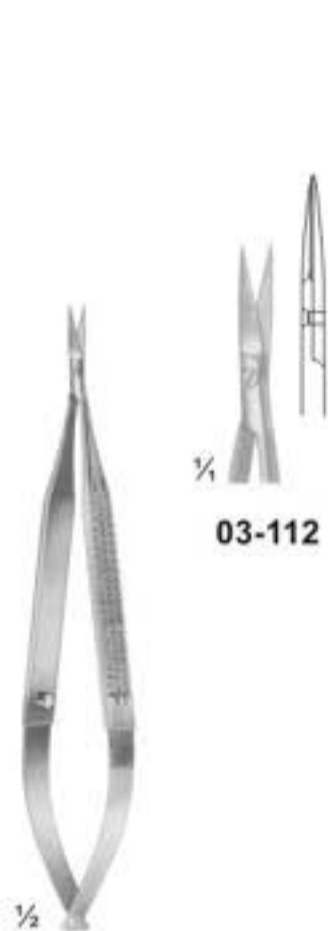
03-110



03-111

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

Micro Scissors (Spring Type) with Flat Handles

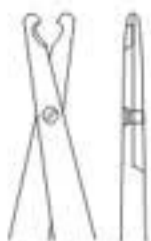


03-112



03-113

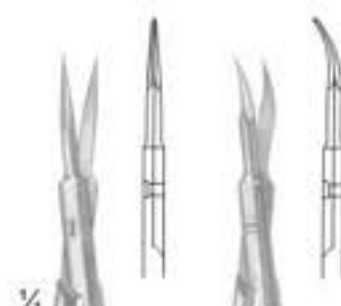
03-112 - 113
Size: 120 mm



03-114
BIEMER
Vein scissor
Size: 130 mm

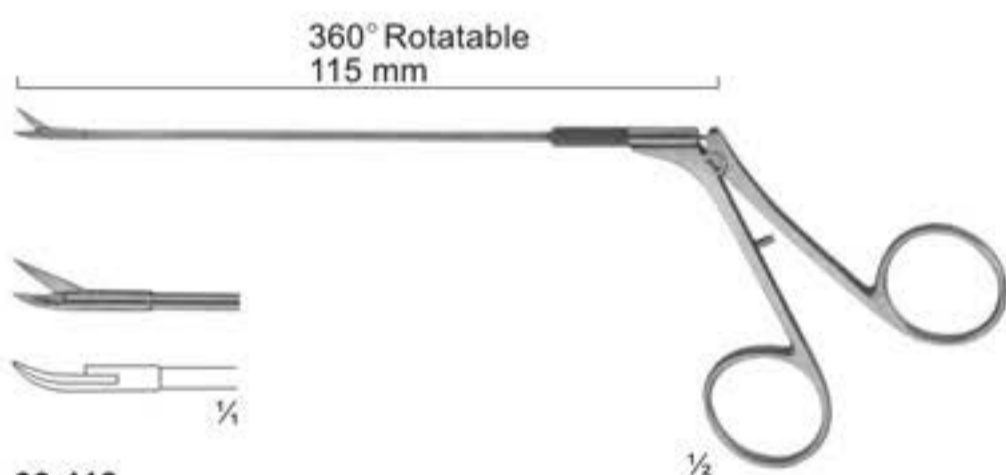


03-115
Size: 160 mm



03-116 03-117

03-116 - 117
VANNAS
Size: 160 mm



03-118
CASPAR
Micro scissor curved
Size: 115 mm

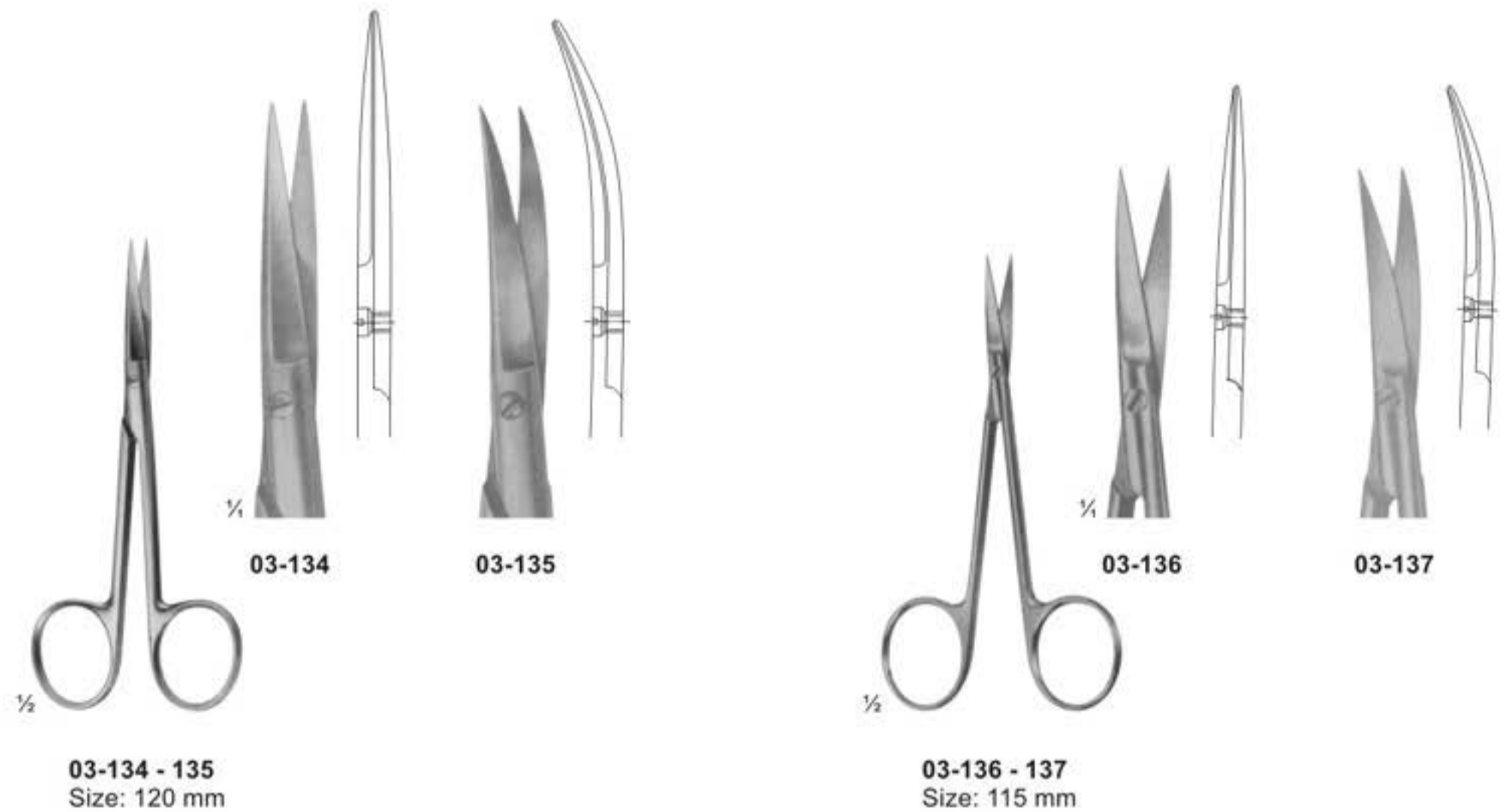
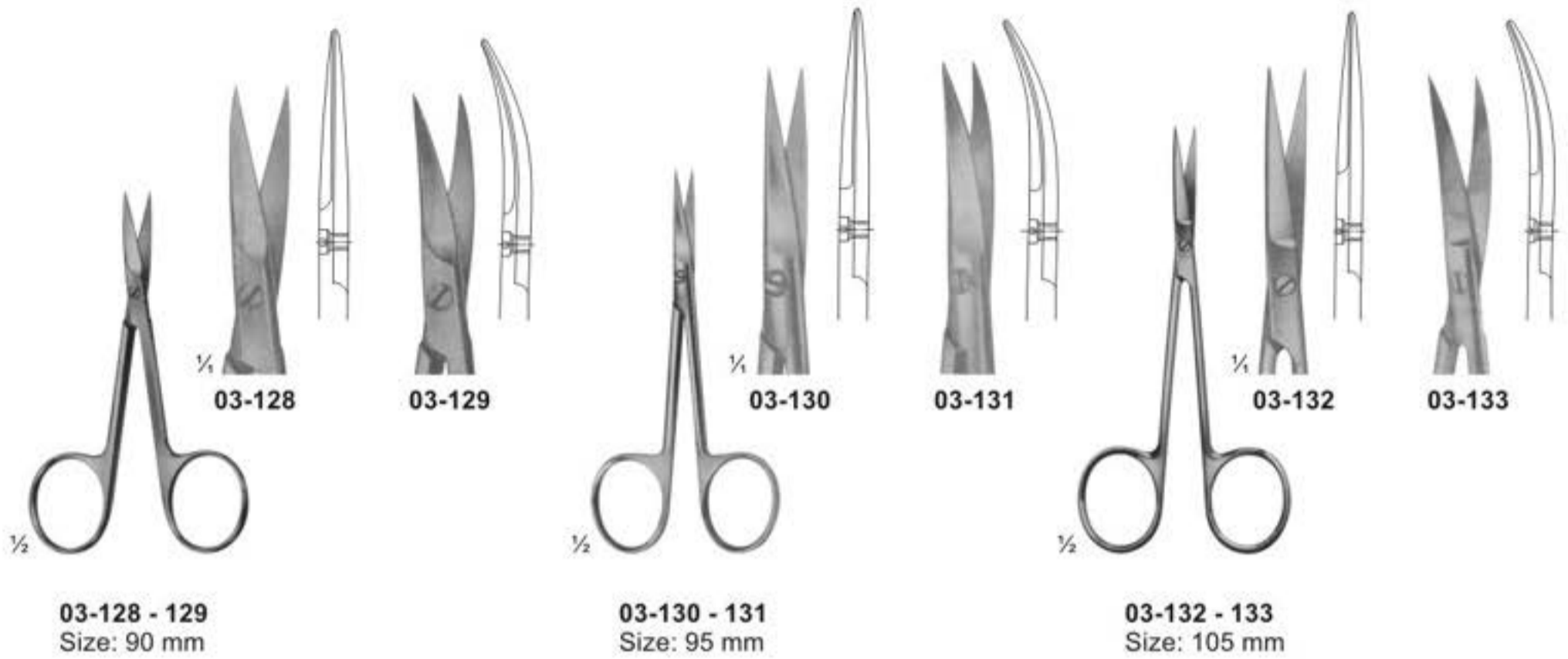


03-119 03-120 03-121



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

Delicate Scissors



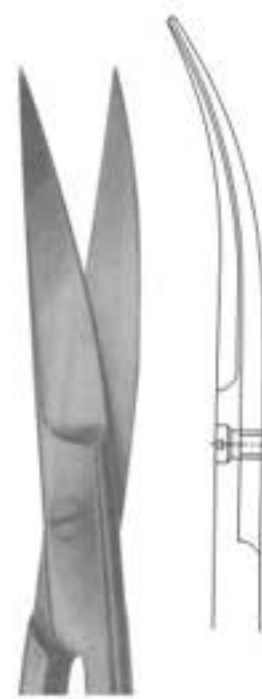
Delicate Scissors



03-138 - 140
Size: 120 mm



$\frac{3}{4}$
03-138



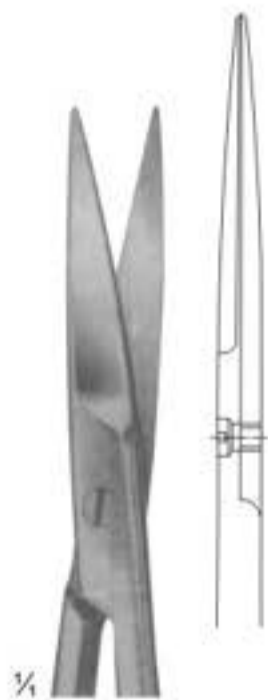
03-139



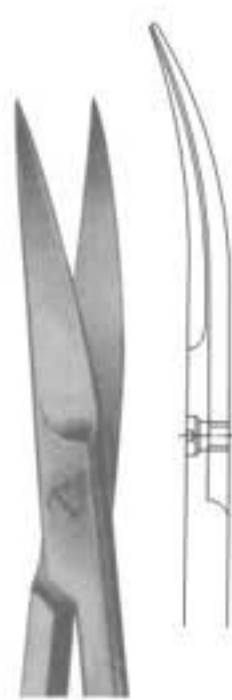
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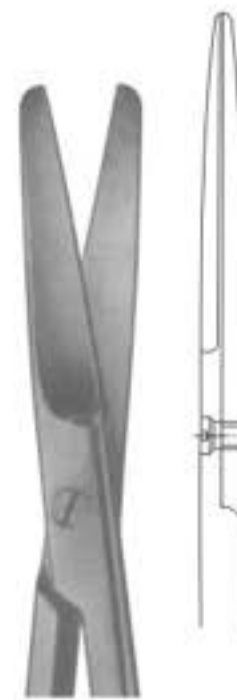
03-141 - 144
Size: 130 mm



$\frac{3}{4}$
03-141



03-142

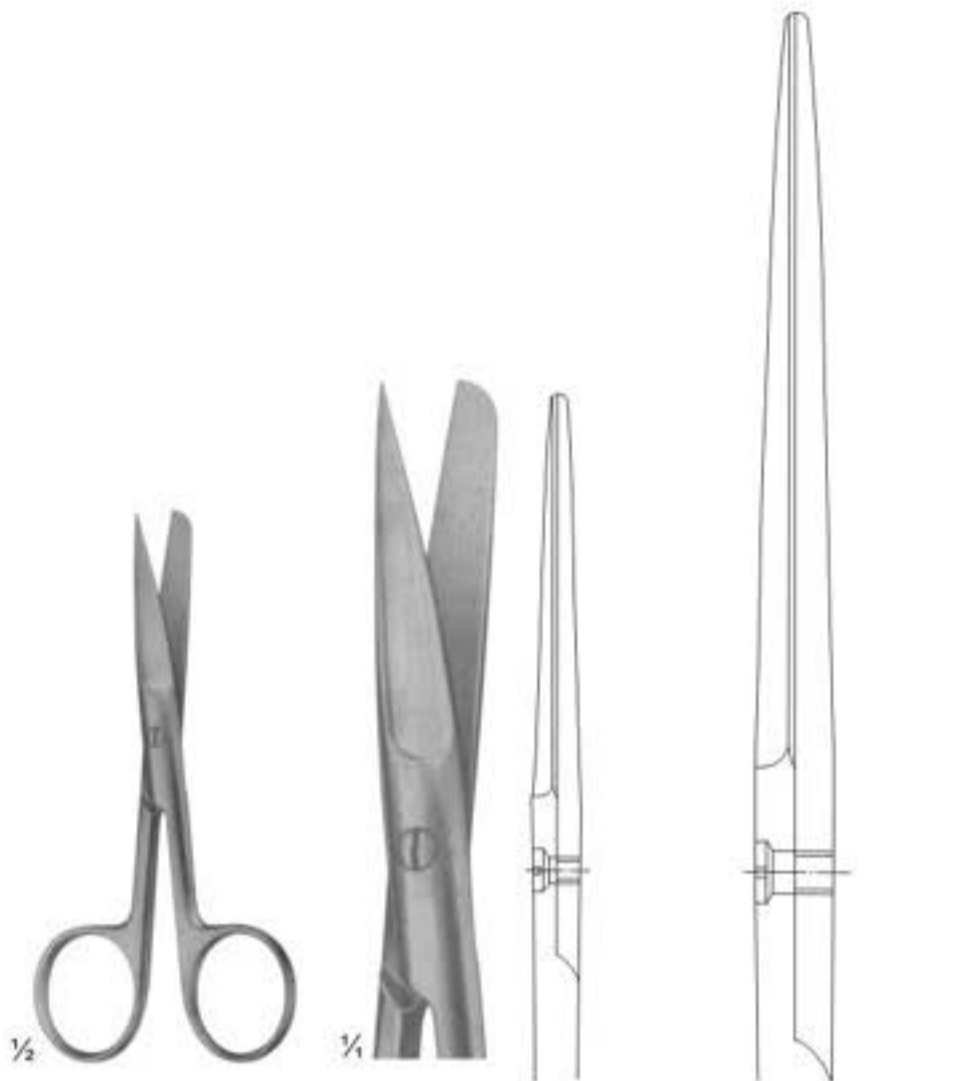


03-143



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

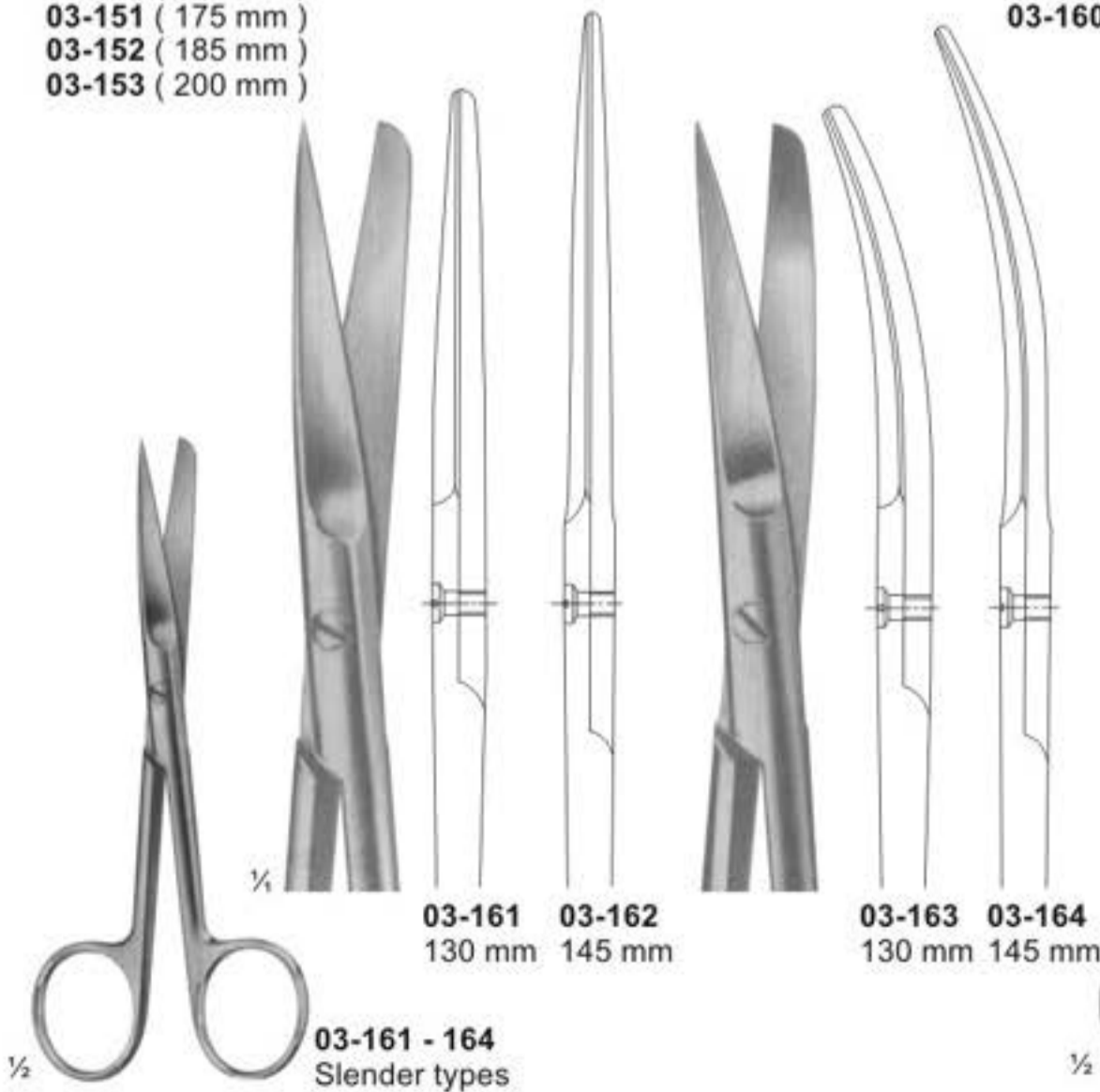
03-153
Size: 200 mm



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



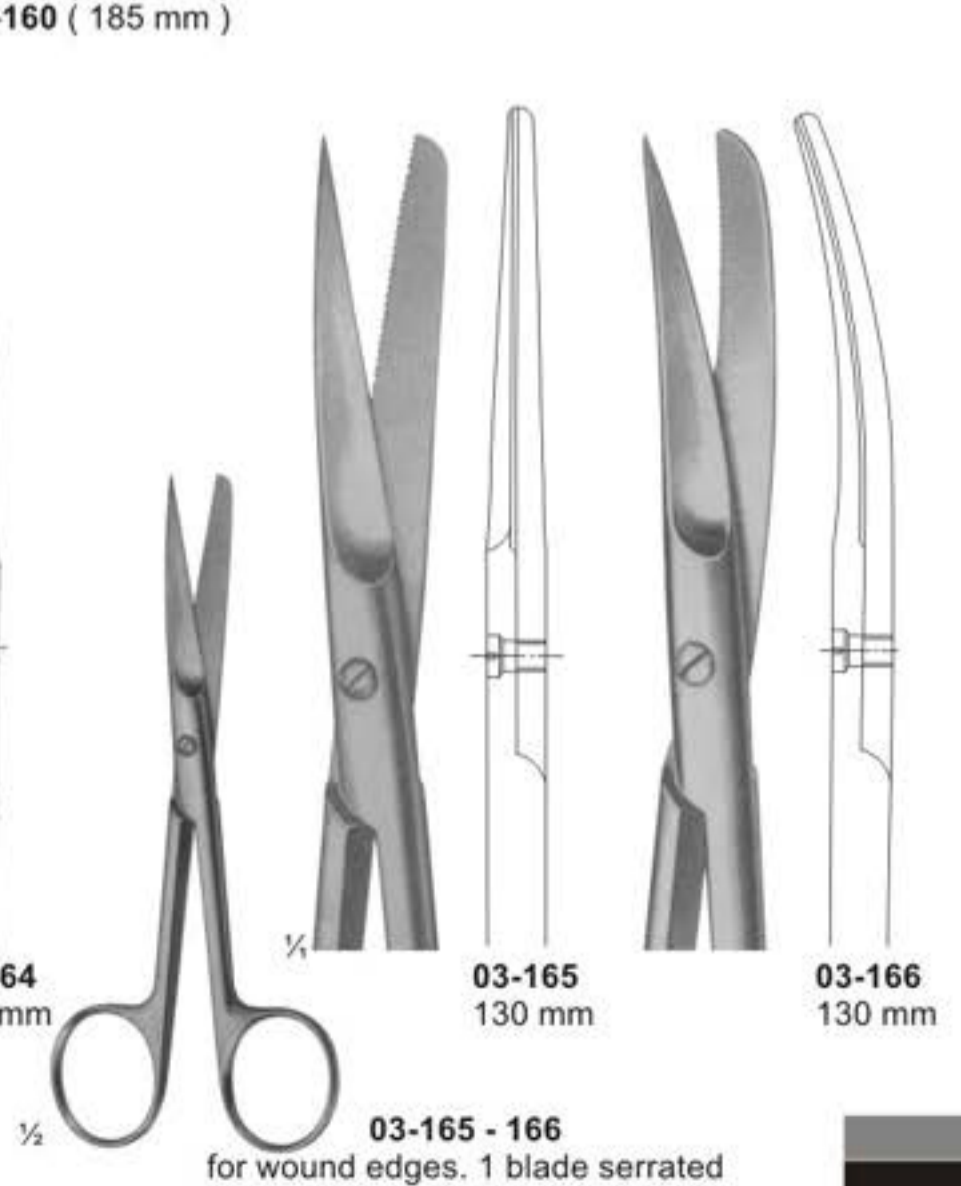
03-161 - 164
Slender types

03-161
130 mm

03-162
145 mm

03-163
130 mm

03-164
145 mm



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

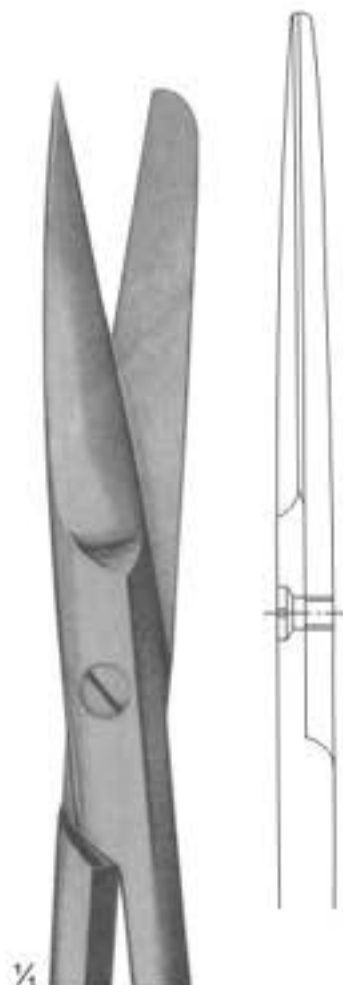
03-165
130 mm

03-166
130 mm

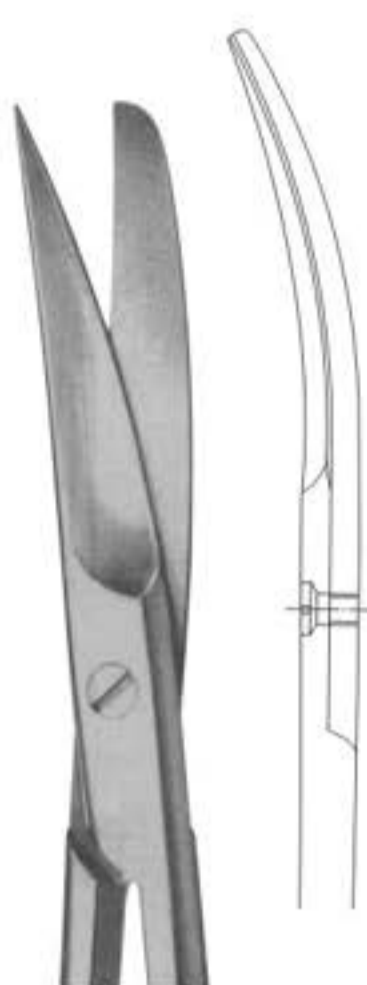
Surgical Scissors



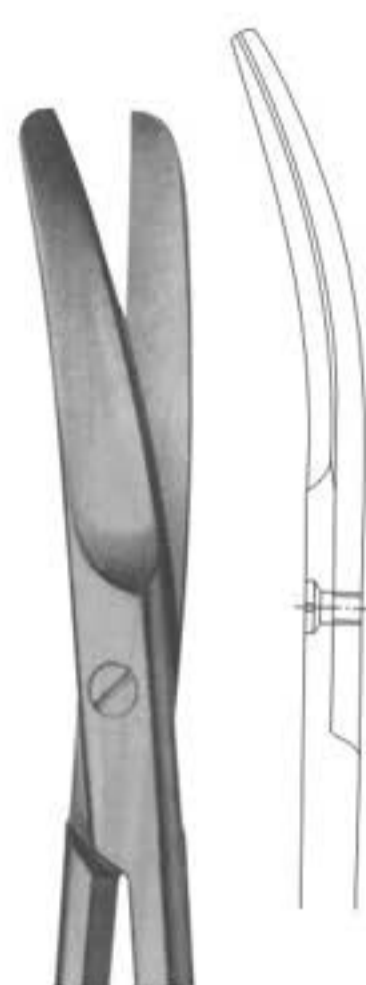
03-167 - 169
DEAVER
with flat lock



03-167
Size: 145 mm



03-168
Size: 145 mm



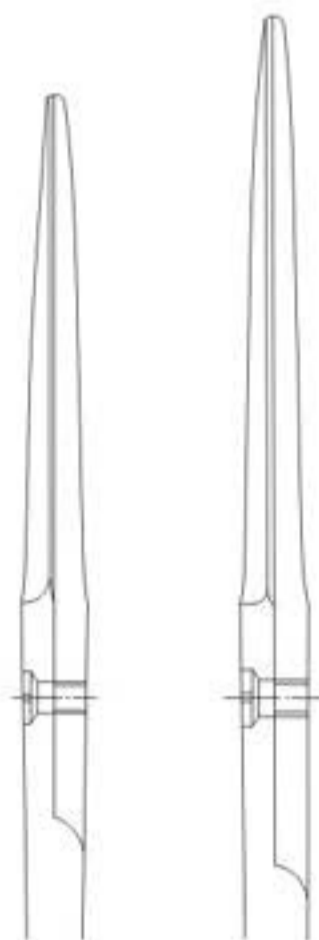
03-169
Size: 145 mm



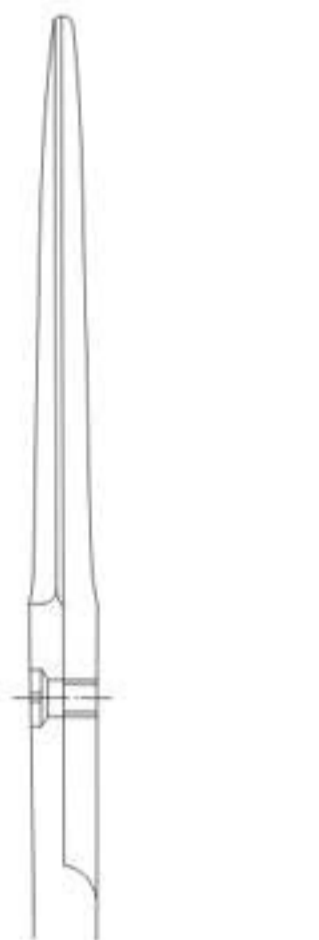
03-170 - 172
Incision scissors



03-170
Size: 130 mm



03-171
Size: 145 mm



03-172
Size: 165 mm

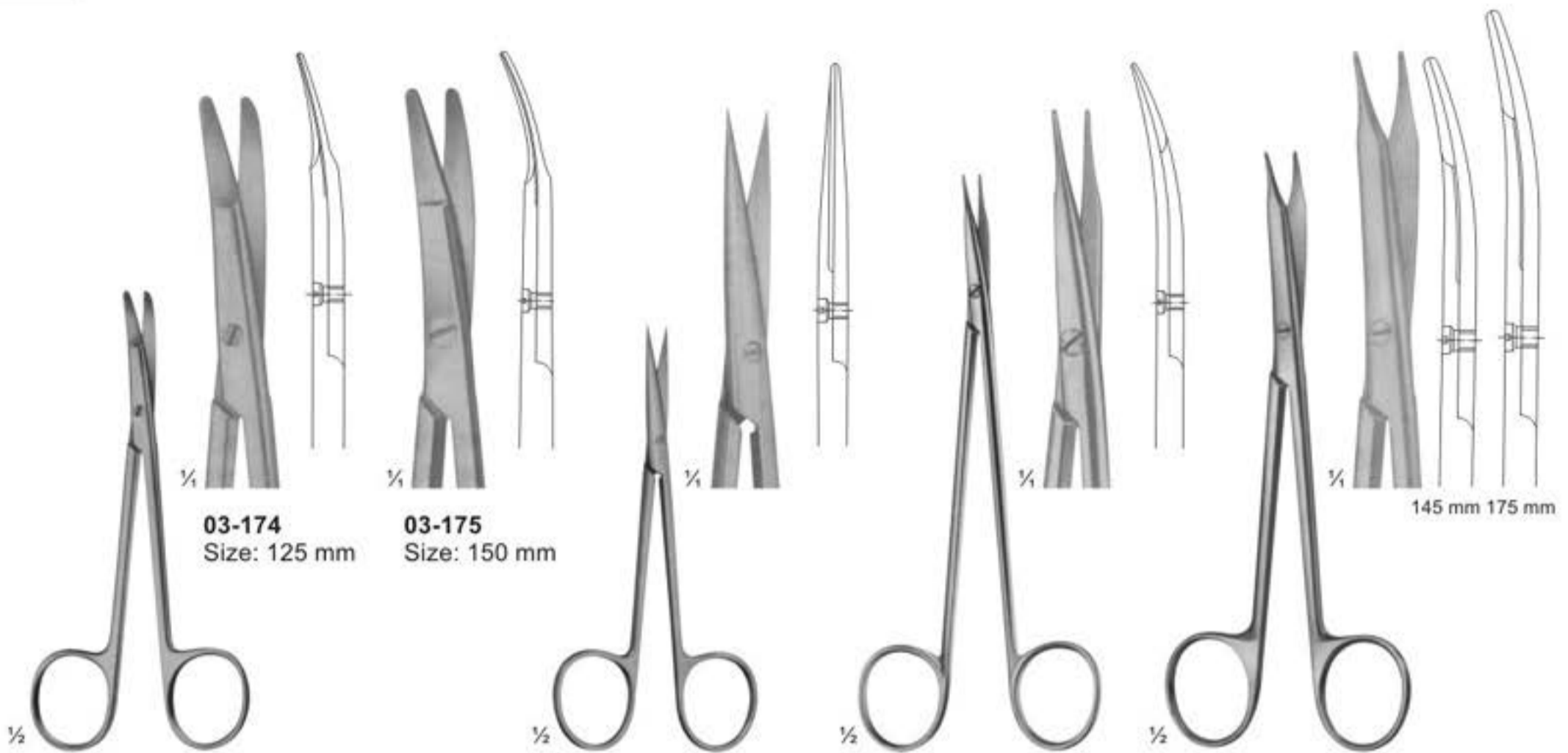


03-173
SYSTRUNK
Nail splitting scissors



03-173
Size: 130 mm

Dissecting Scissors

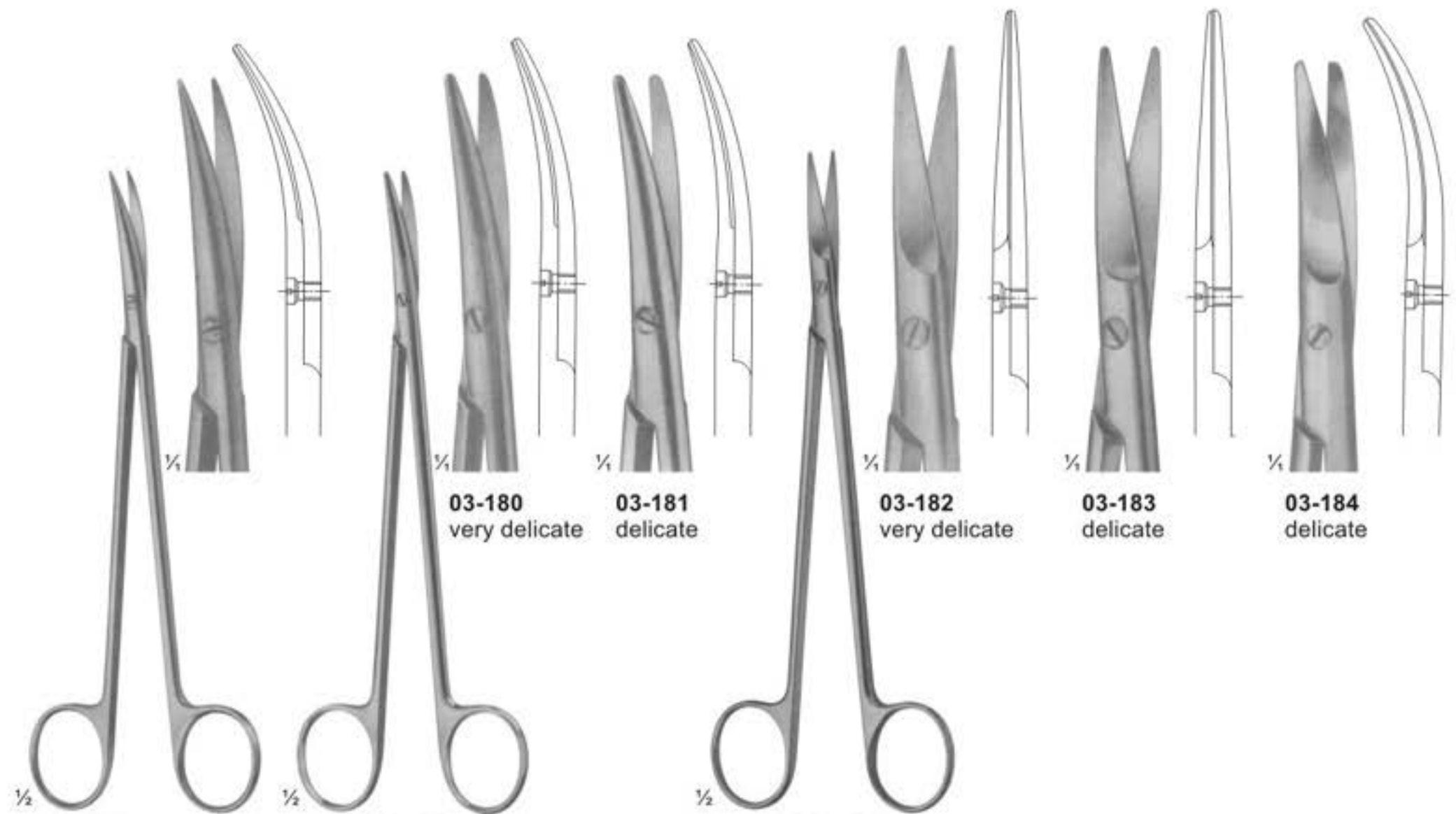


03-174 - 175
KILNER
Special flat points for dissecting and undermining the skin

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

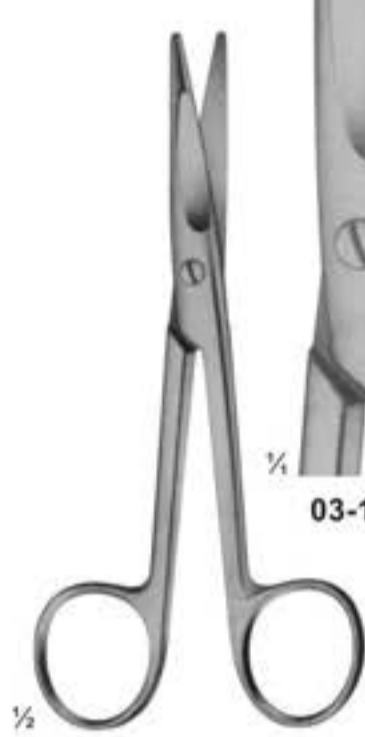
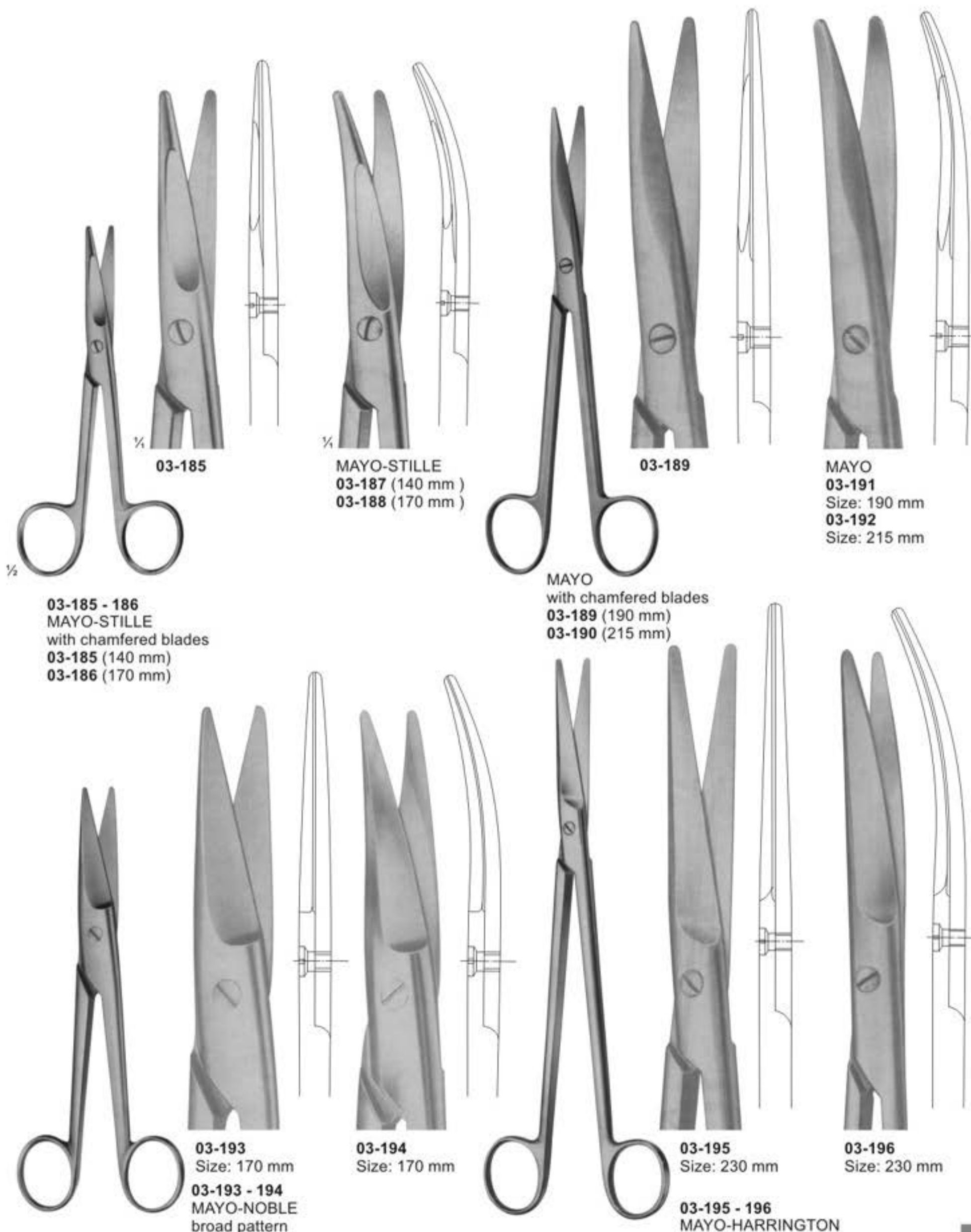


03-179
DE BAKEY
Arteriotomy scissors
Size: 175 mm

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

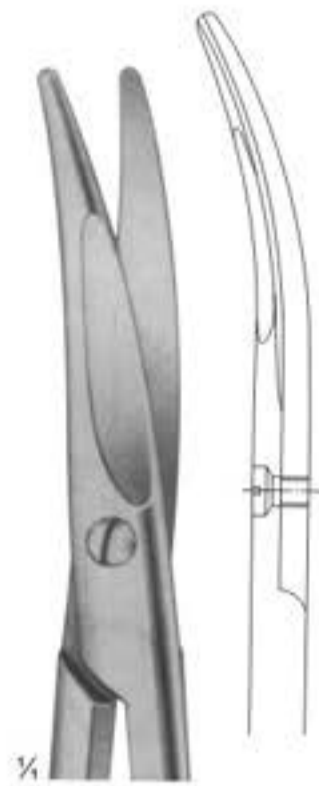
03-182 - 184
TOENNIS
Dissecting scissors
Size: 180 mm

Dissecting Scissors



03-185

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

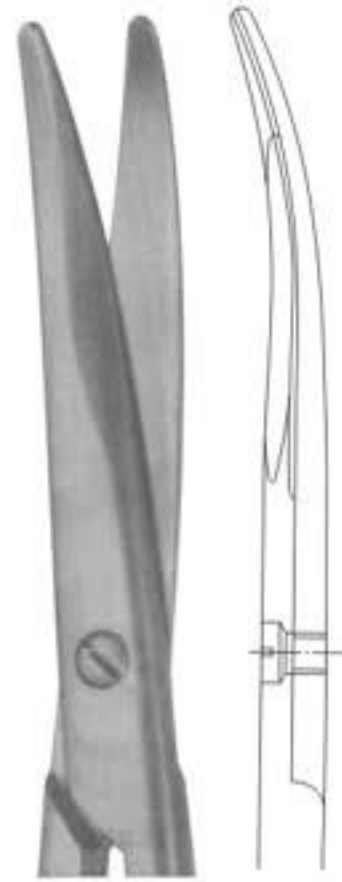


MAYO-STILLE
03-187 (140 mm)
03-188 (170 mm)



03-189

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

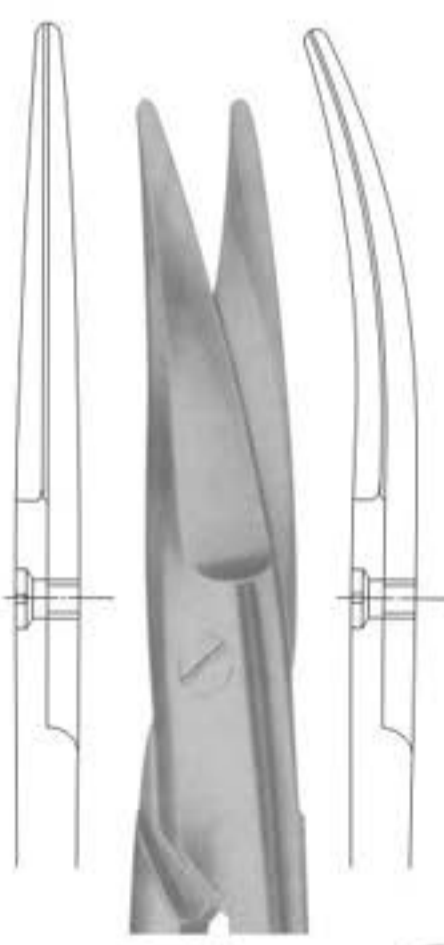


MAYO
03-191
Size: 190 mm
03-192
Size: 215 mm

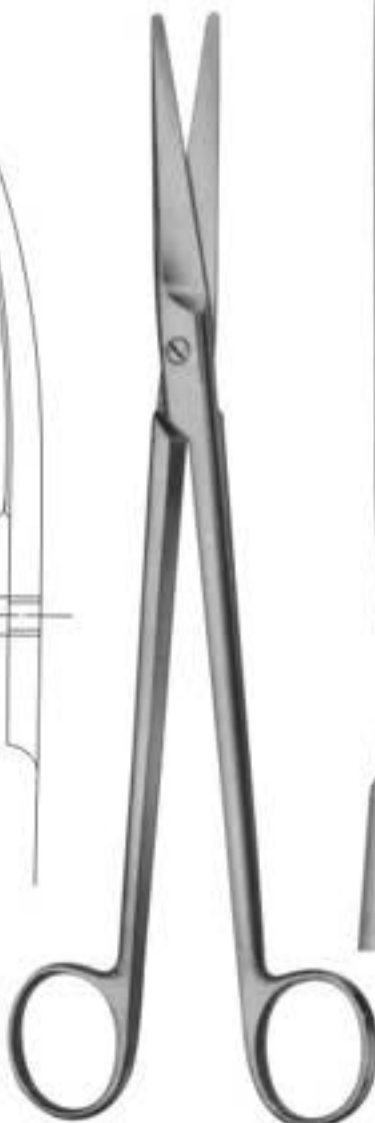


03-193
Size: 170 mm

03-193 - 194
MAYO-STILLE
broad pattern

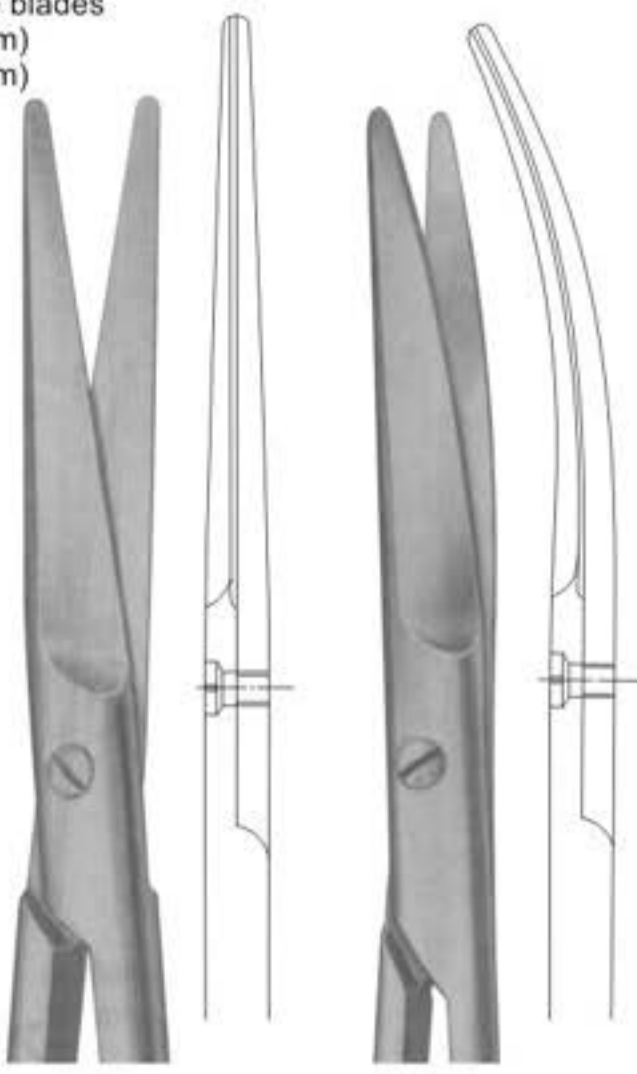


03-194
Size: 170 mm



03-195
Size: 230 mm

03-195 - 196
MAYO-HARRINGTON



03-196
Size: 230 mm

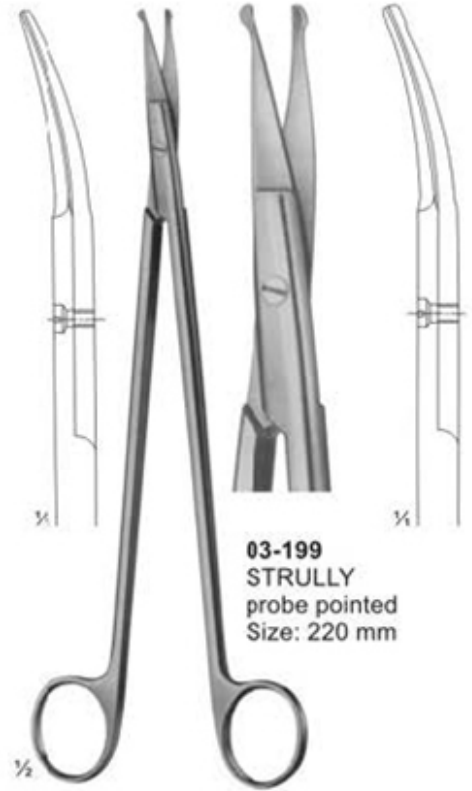
Scissors for Cardiovascular and Neuro-Surgery



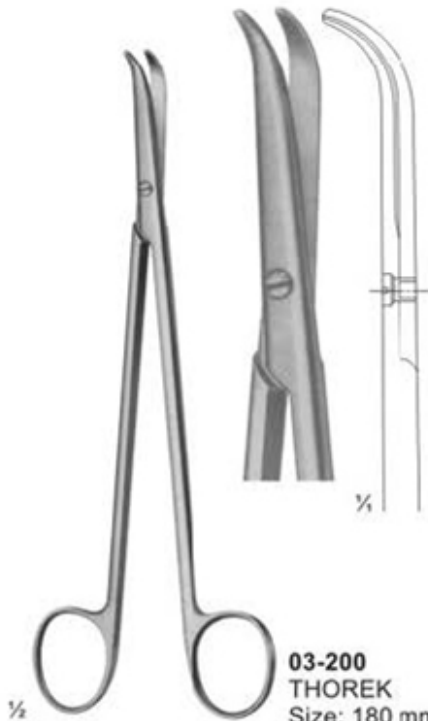
1/2 **03-197**
OLIVECRONA
Dura scissors



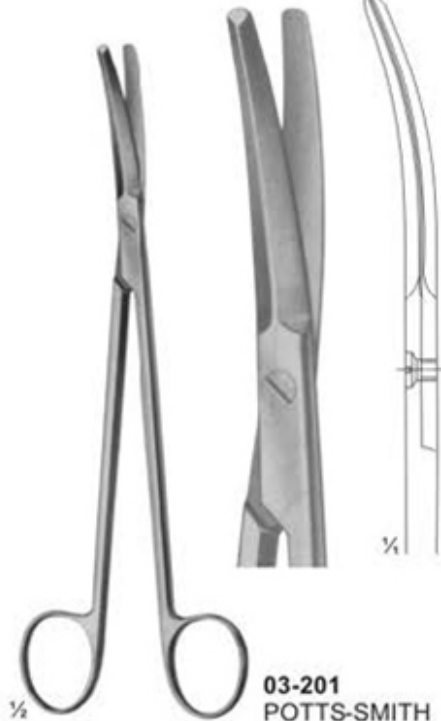
1/2 **03-198**
STRULLY
pointed
Size: 220 mm



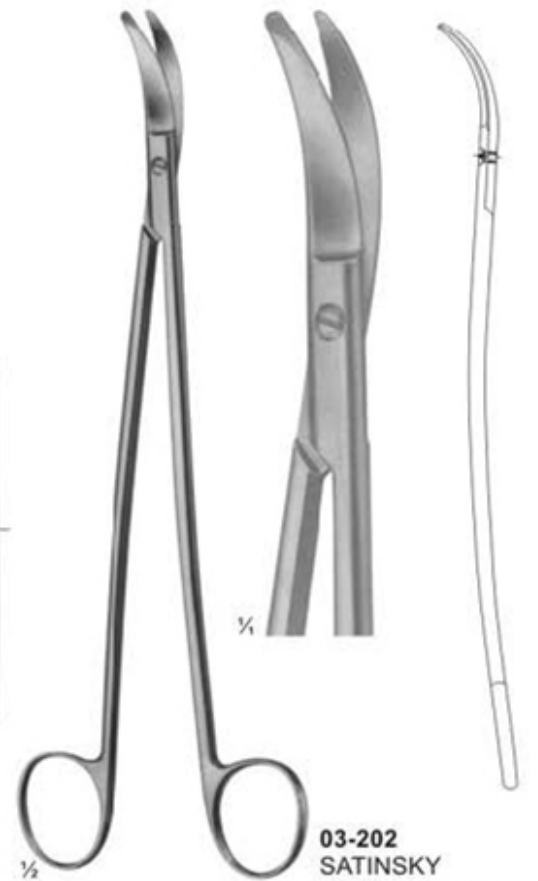
03-199
STRULLY
probe pointed
Size: 220 mm



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

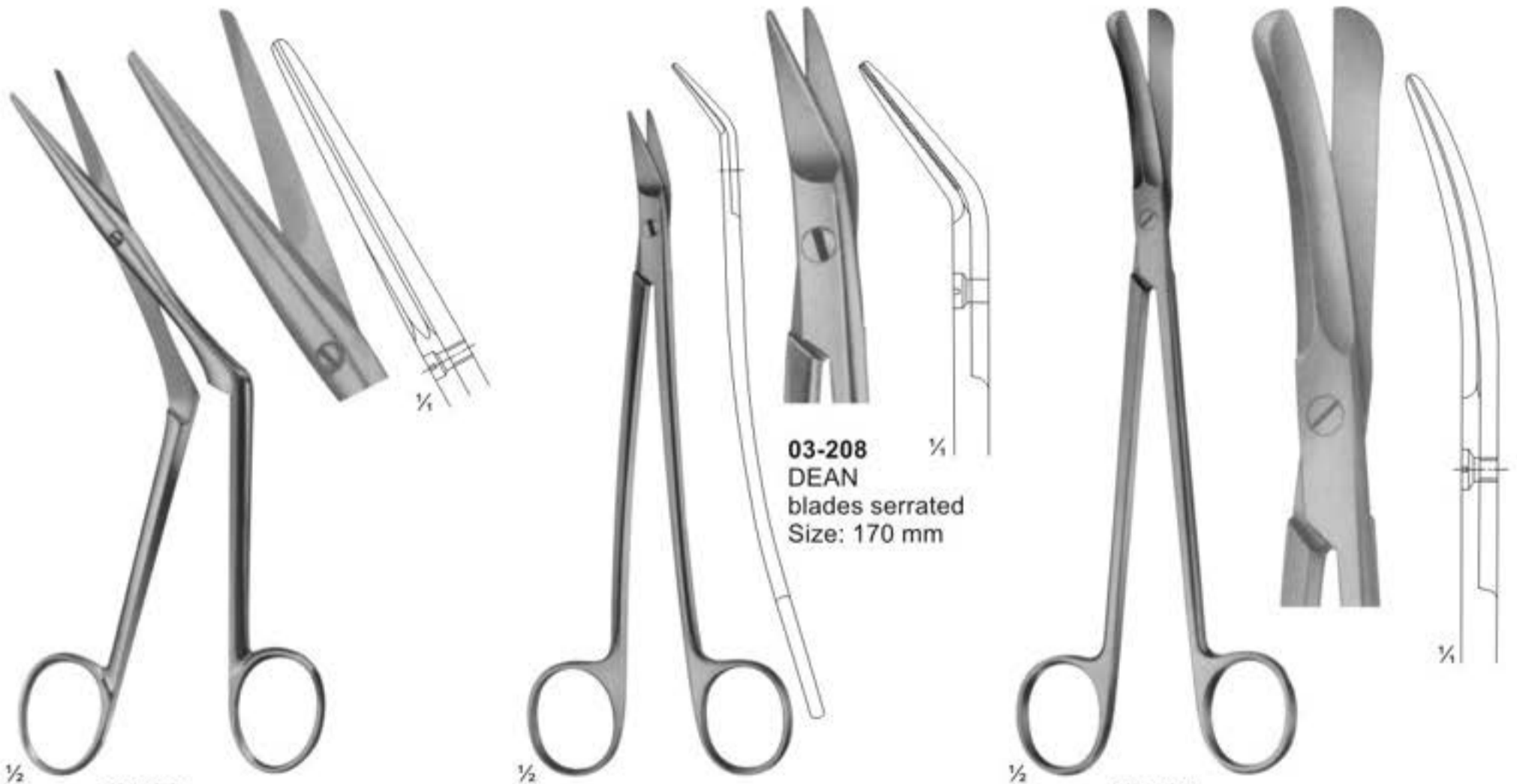


03-203
1 finely toothed blade
Size: 130 mm

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

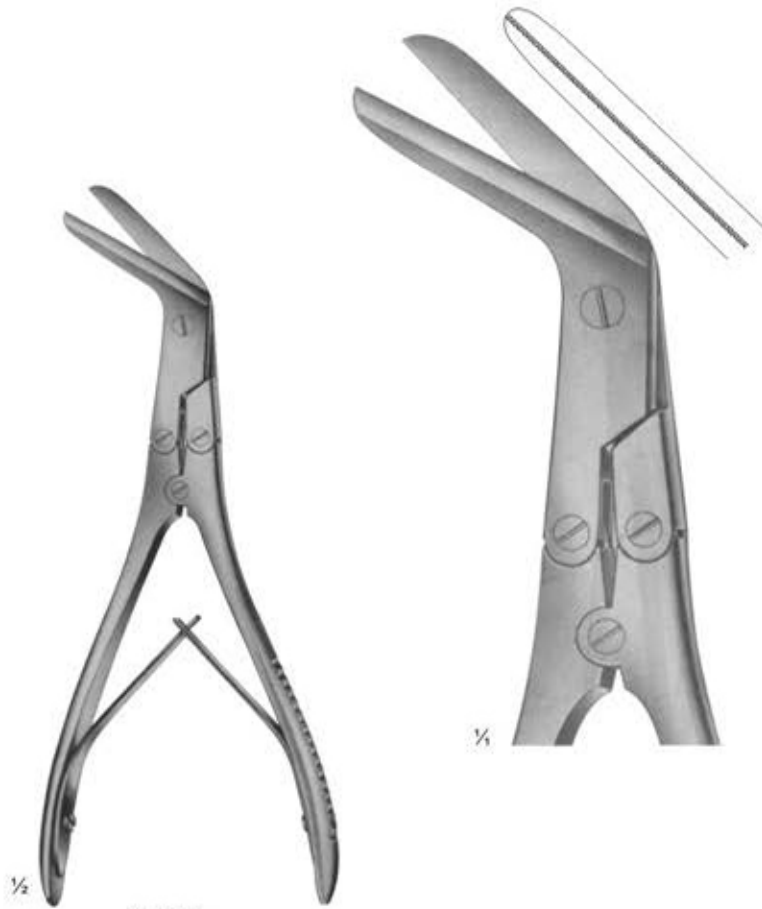


03-207
HEYMANN-KNIGHT
Size: 175 mm

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



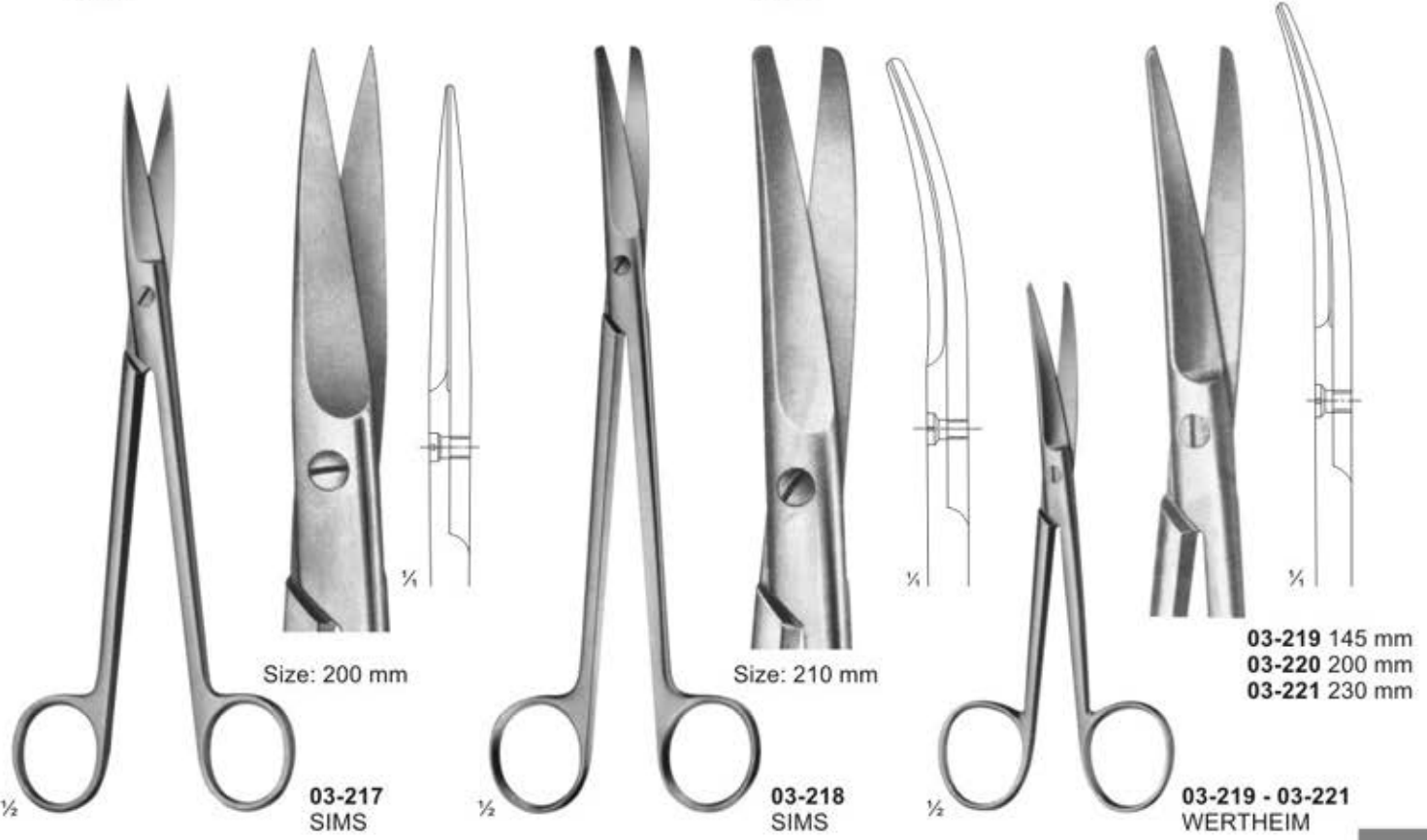
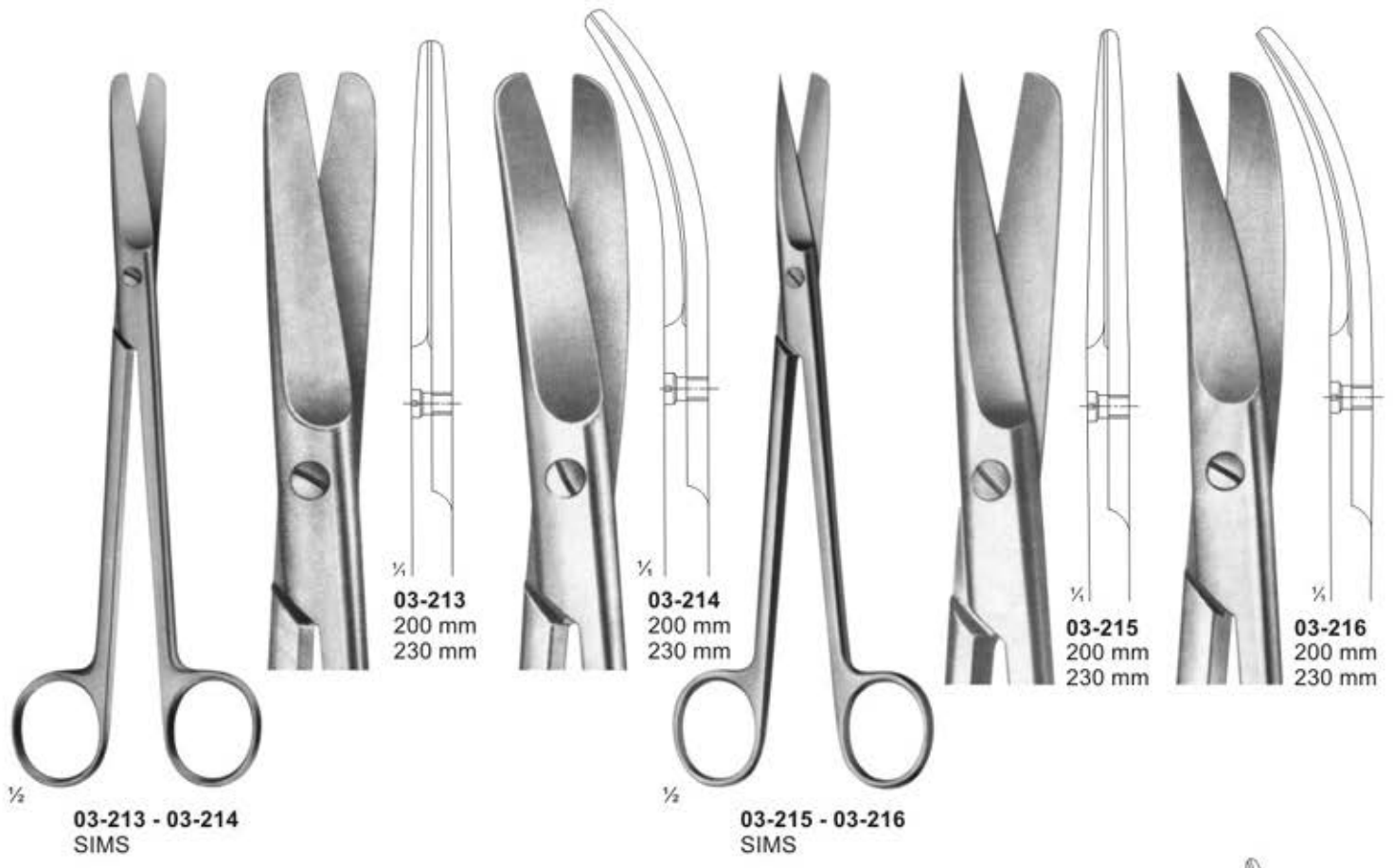
03-211
195 mm



03-212
225 mm



Scissors for deep operations and
for Gynaecology



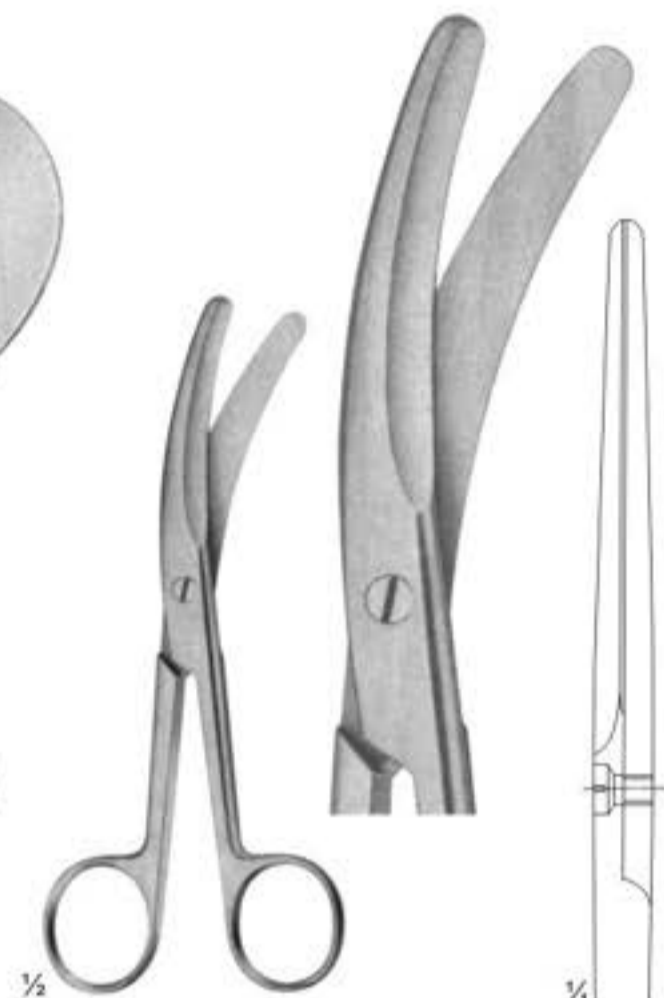
Scissors for Obstetrics



03-222
SCHUMACHER
Umbilical cord scissors
Size: 155 mm



03-223
Umbilical cord scissors
Size: 105 mm



03-224
Umbilical cord scissors



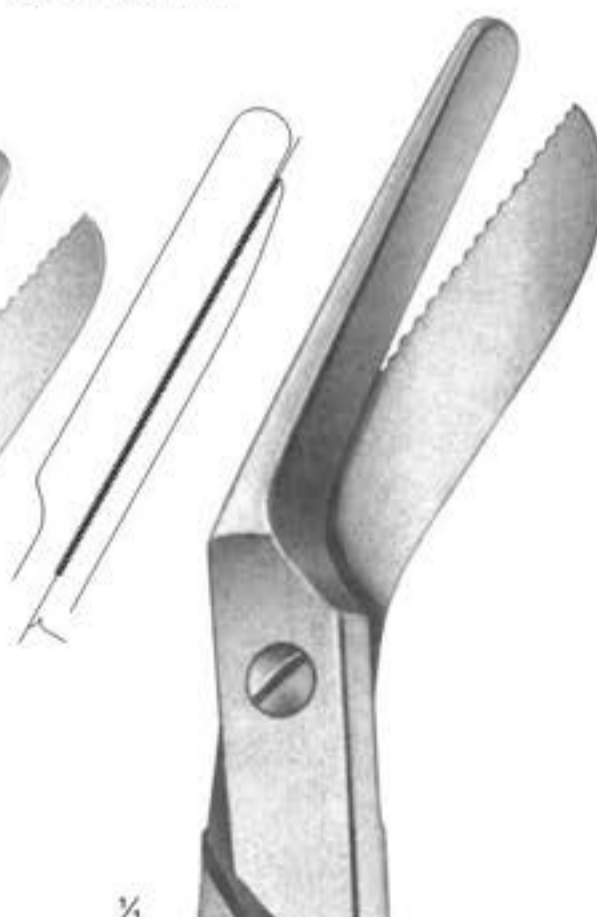
135 mm



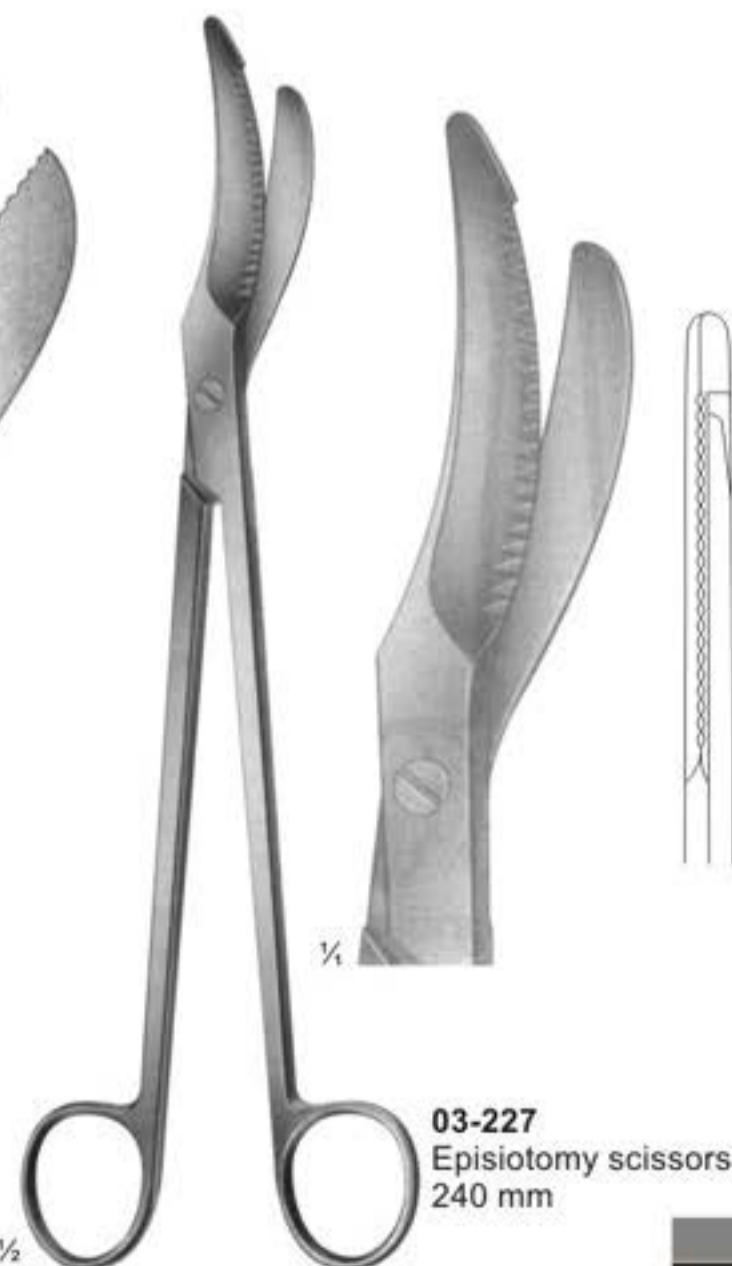
03-225 - 03-226
BRAUN-STADLER
Episiotomy scissors



03-225
145 mm



03-226
200 mm



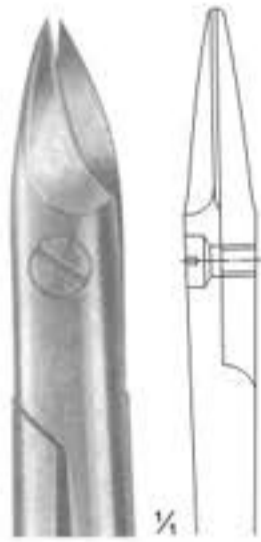
03-227
Episiotomy scissors
240 mm

Wire and Plate Scissors



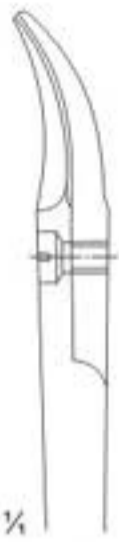
1/2

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



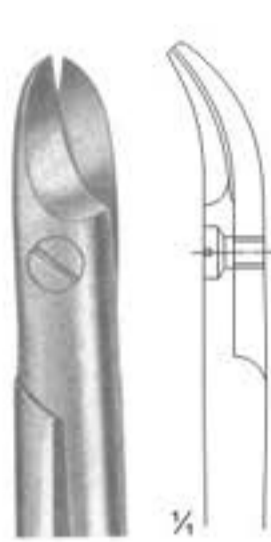
1/4

03-228



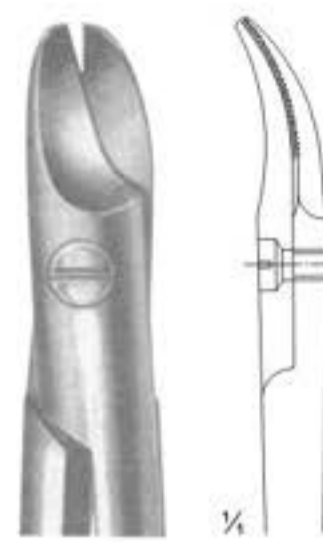
1/4

03-229



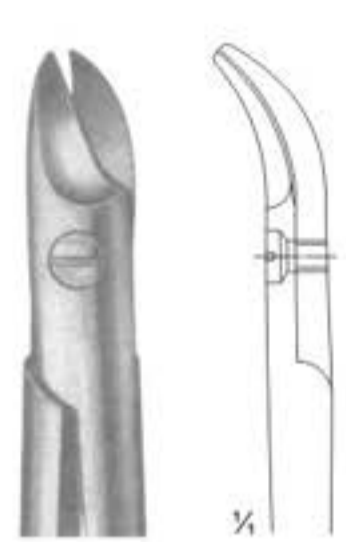
1/4

03-230
broad blades



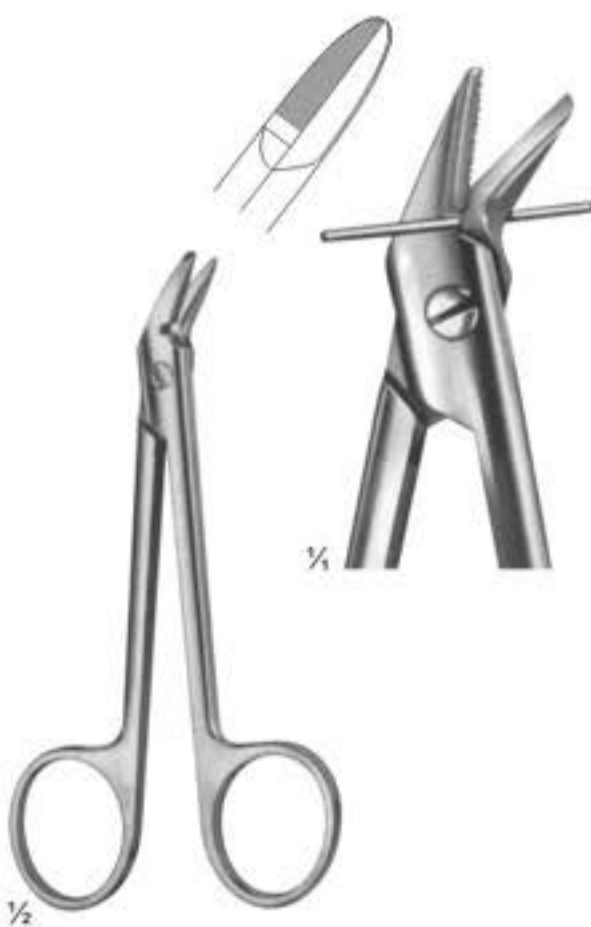
1/4

03-231
1 blade serrated



1/4

03-232
NAUJOKS
strongly curved

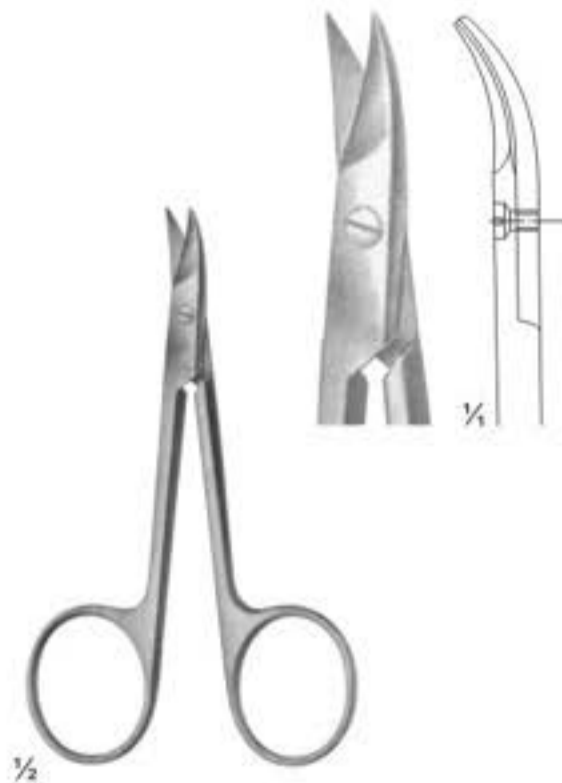


1/2

03-233
1 blade serrated
Size: 120 mm

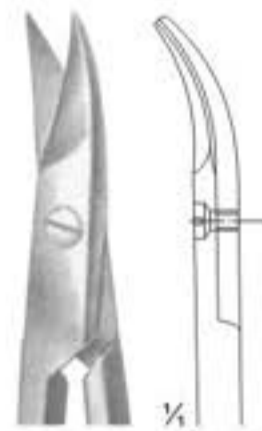


1/4

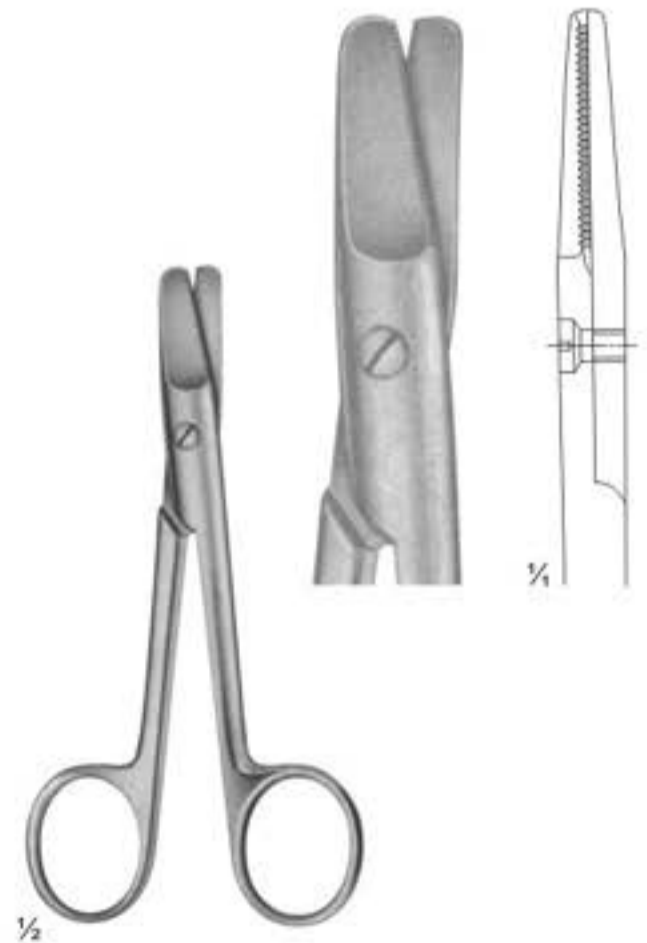


1/2

03-234
STRACK
Size: 100 mm



1/4



1/2

03-235
HARVEY
blades serrated
Size: 125 mm

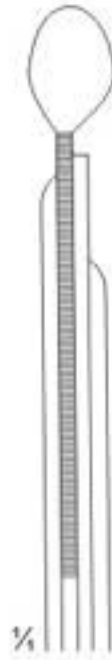


1/4

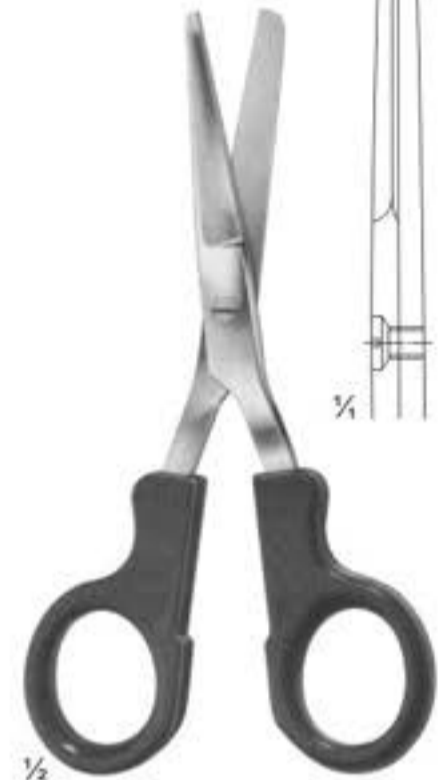
Bandage and Cloth Scissors



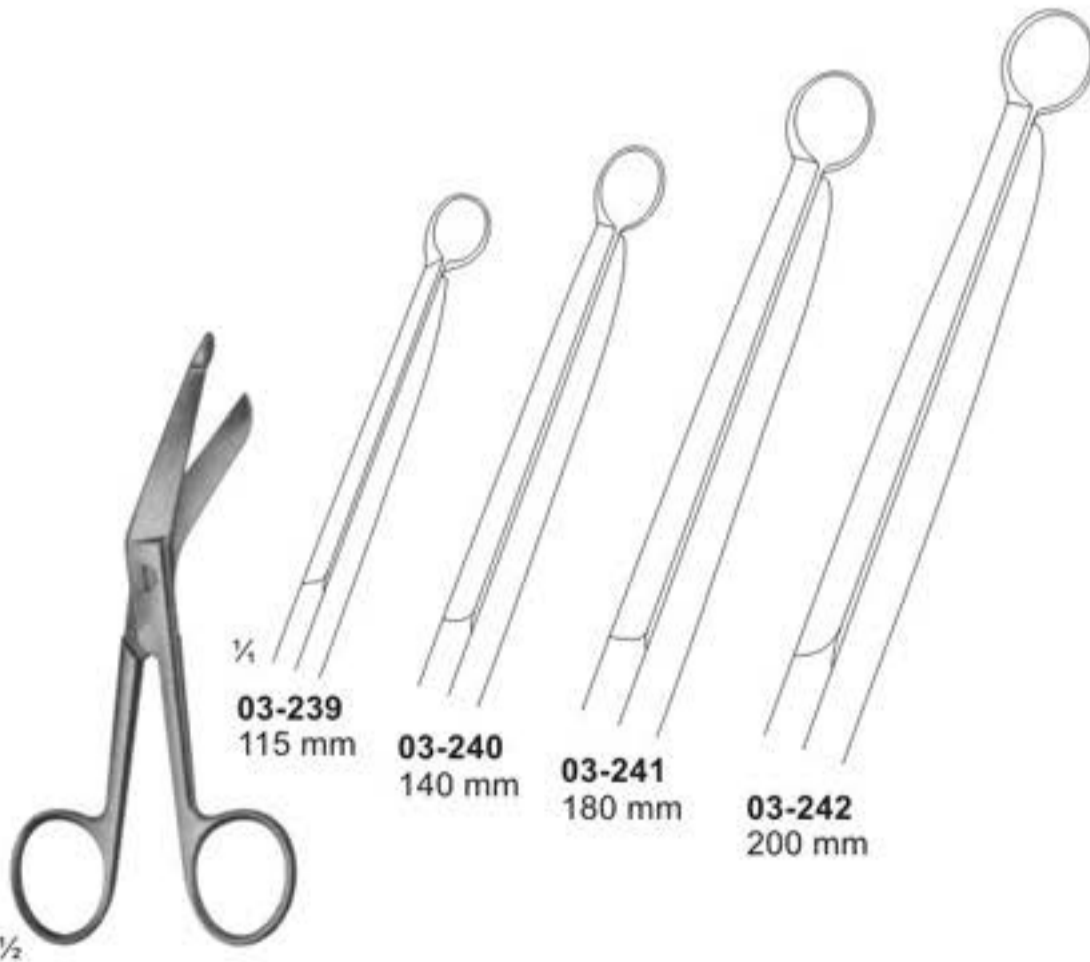
03-236
Universal bandage and cloth scissors,
with toothed edges
180 mm



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



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



03-239 - 03-242
LISTER

03-239
115 mm

03-240
140 mm

03-241
180 mm

03-242
200 mm



03-243 - 03-244
LISTER

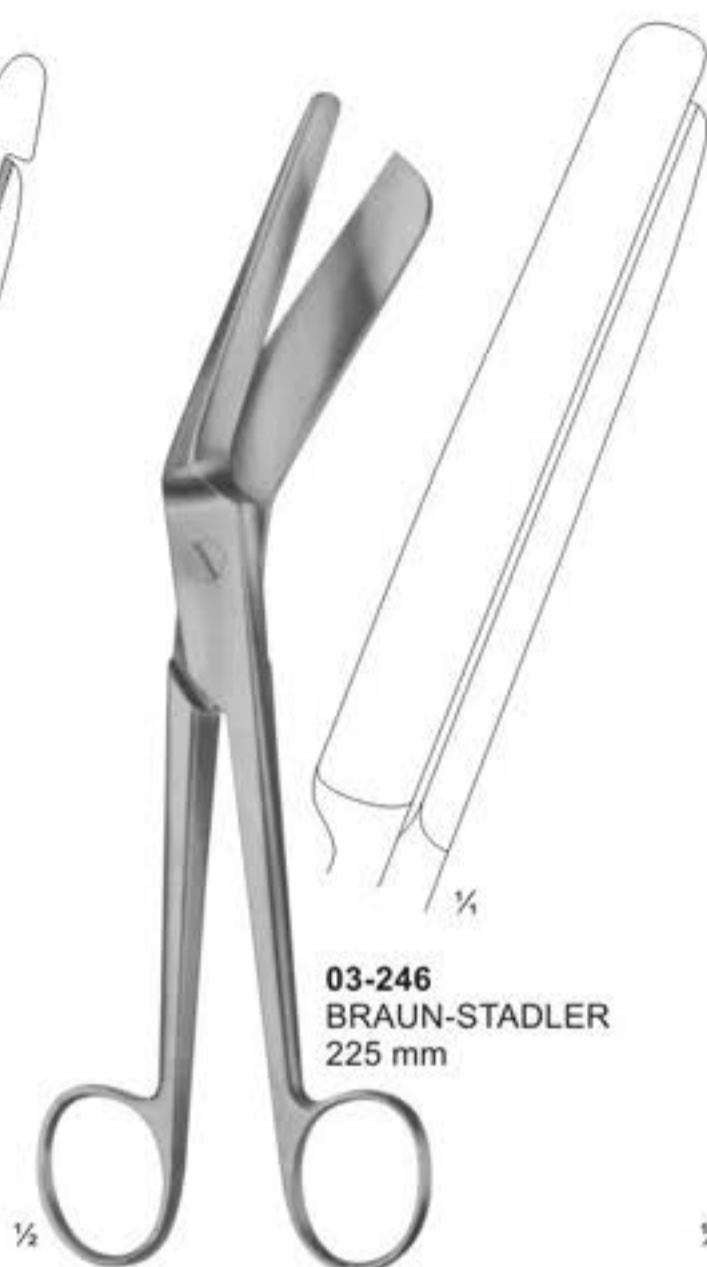
03-243
155 mm

03-244
180 mm

Bandage-, Cloth-, and Plaster Scissors



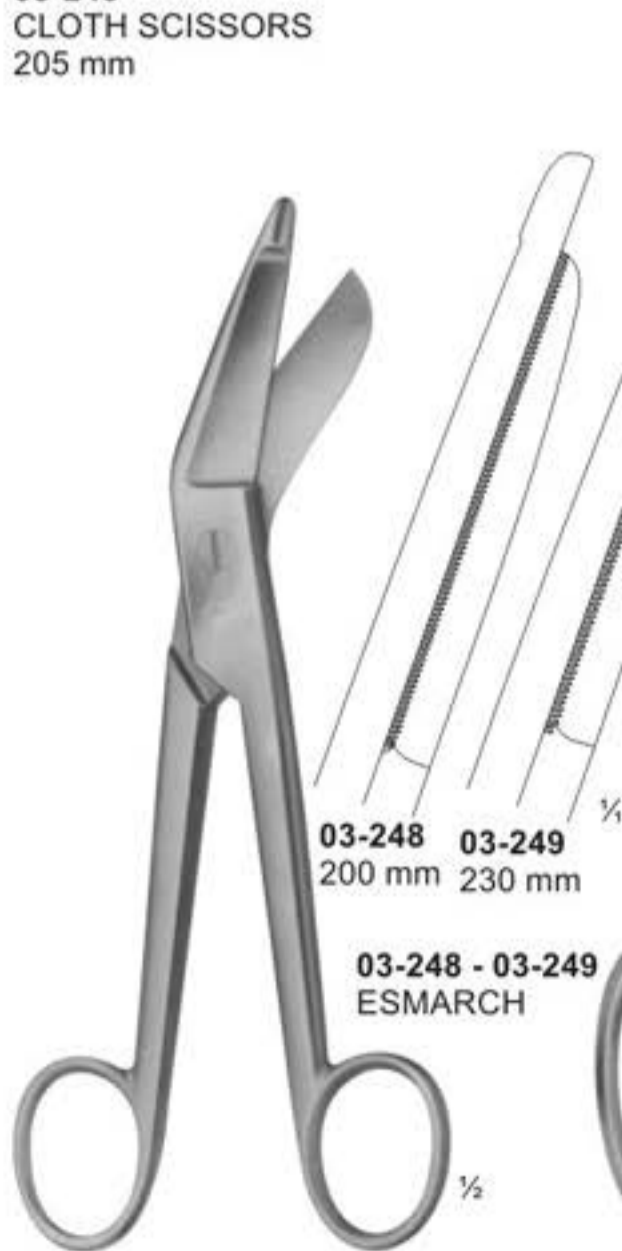
03-245
CLOTH SCISSORS
205 mm



03-246
BRAUN-STADLER
225 mm

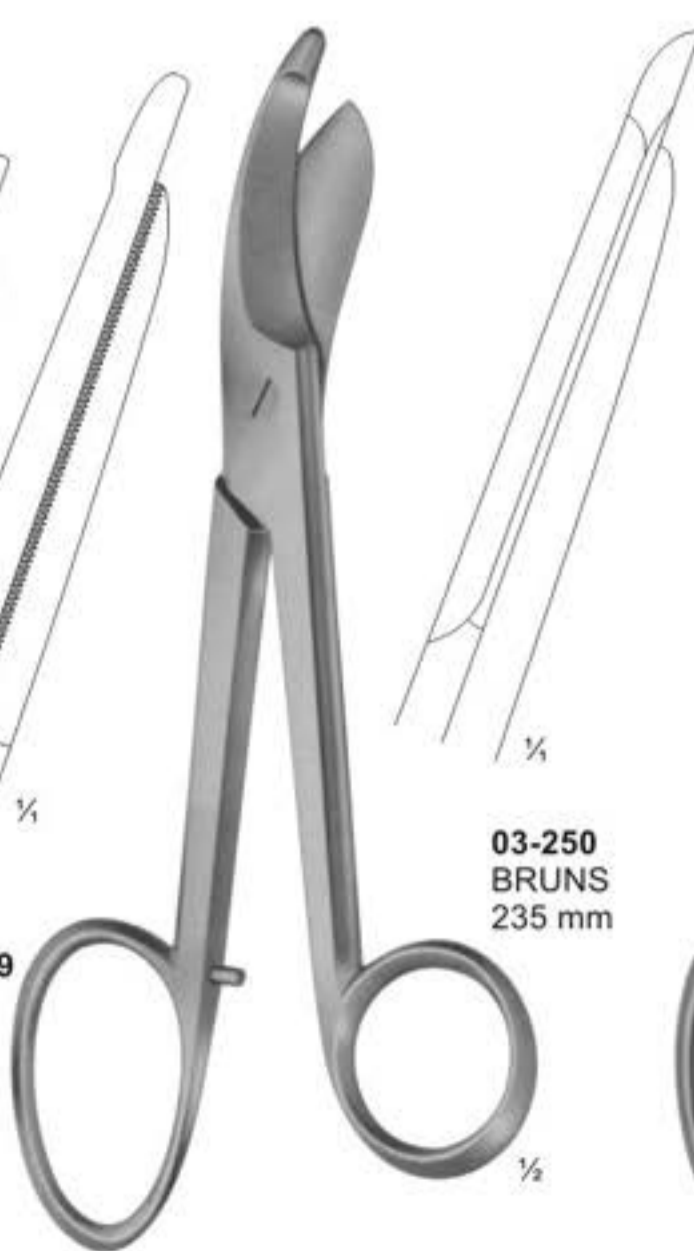


03-247
SEUTIN
230 mm

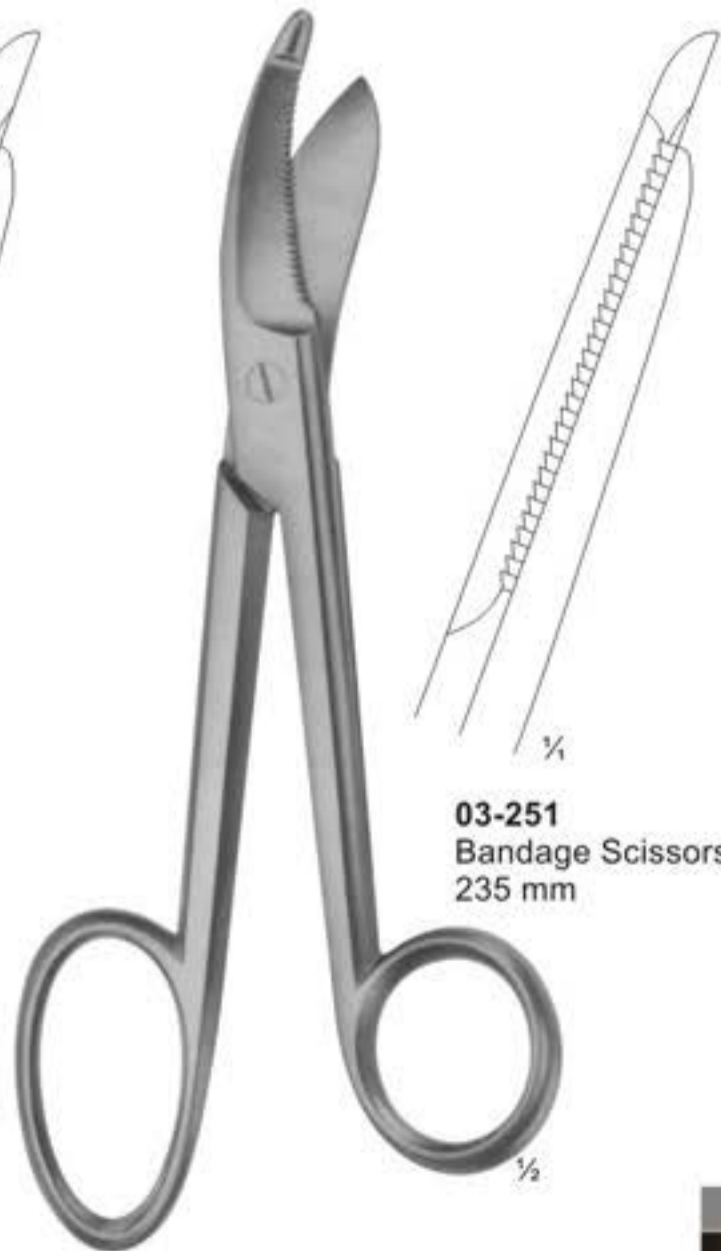


03-248 200 mm
03-249 230 mm

03-248 - 03-249
ESMARCH



03-250
BRUNS
235 mm



03-251
Bandage Scissors
235 mm

Forceps for grasping tissue, tumors etc.



04-101 04-102 04-103

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



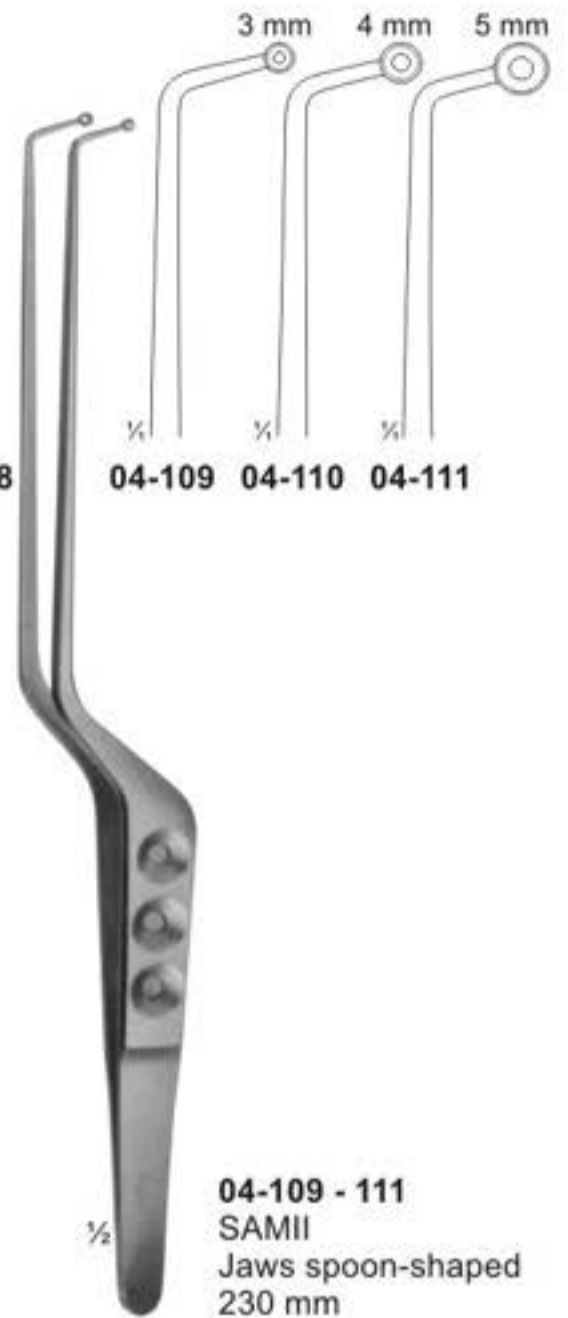
04-104 04-105

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



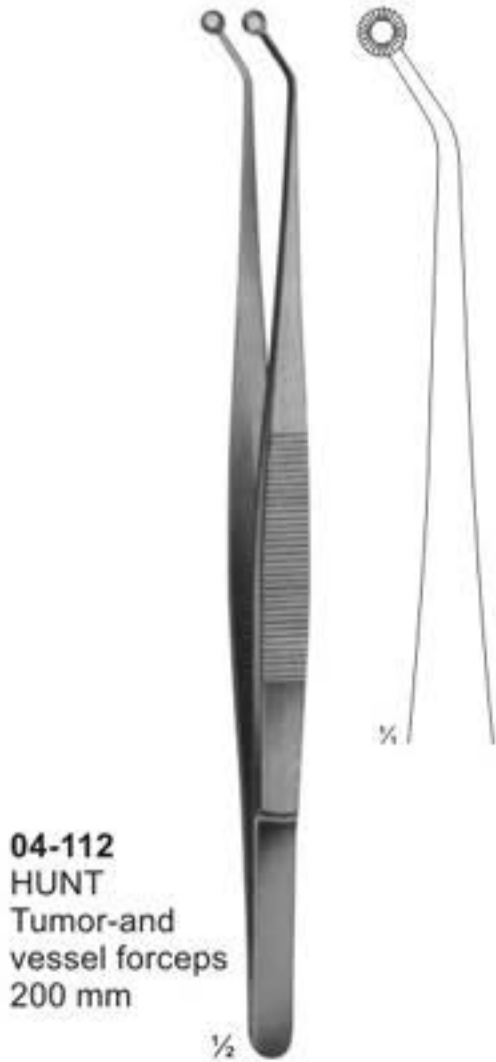
04-106 04-107 04-108

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



04-109 04-110 04-111

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



04-112
HUNT
Tumor-and
vessel forceps
200 mm



04-113
HUNT
Tumor-and
vessel forceps
200 mm



04-114
YASARGIL
Tumor-and
vessel forceps
200 mm

Delicate Dissecting, Microscopic, Sterilizing Forceps



04-115
THORPE
Corneal forceps
120 mm



04-116
MICRO-ADSON
120 mm



04-117
ADSON
120 mm



04-118
MICRO-ADSON
150 mm



04-119 - 121
100 mm



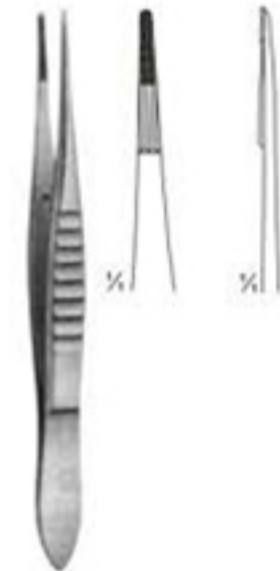
04-119



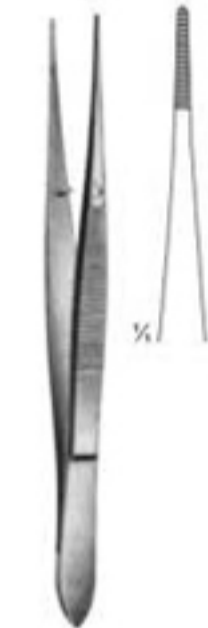
04-120



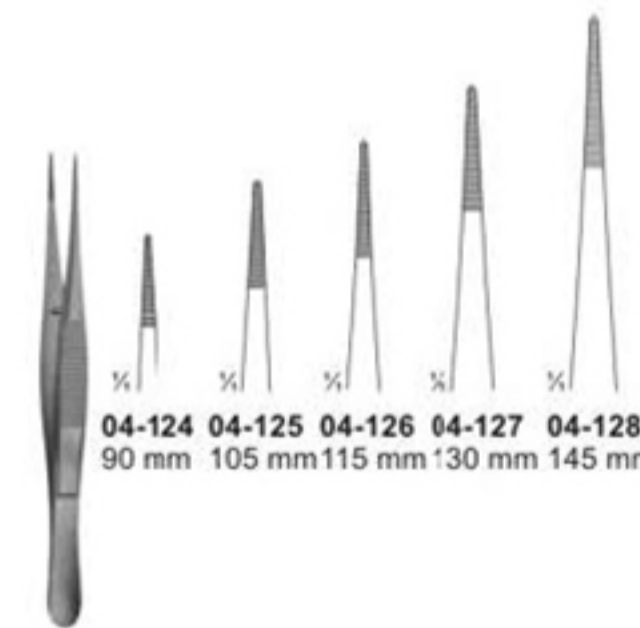
04-121



04-122
BONACCOLTO
110 mm

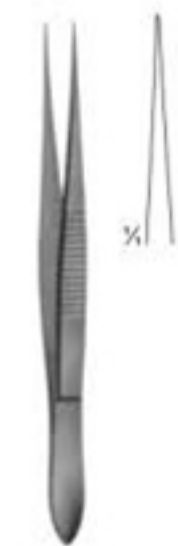


04-123
115 mm



04-124 - 133

04-124 90 mm **04-125** 105 mm **04-126** 115 mm **04-127** 130 mm **04-128** 145 mm **04-129** 90 mm **04-130** 105 mm **04-131** 115 mm **04-132** 130 mm **04-133** 145 mm



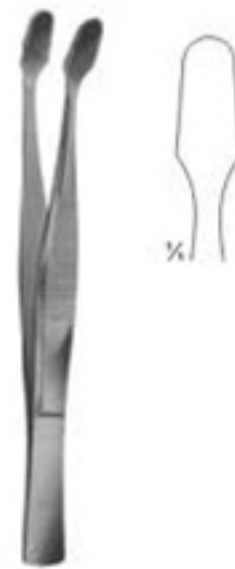
04-134
100 mm



04-135
100 mm



04-136
100 mm

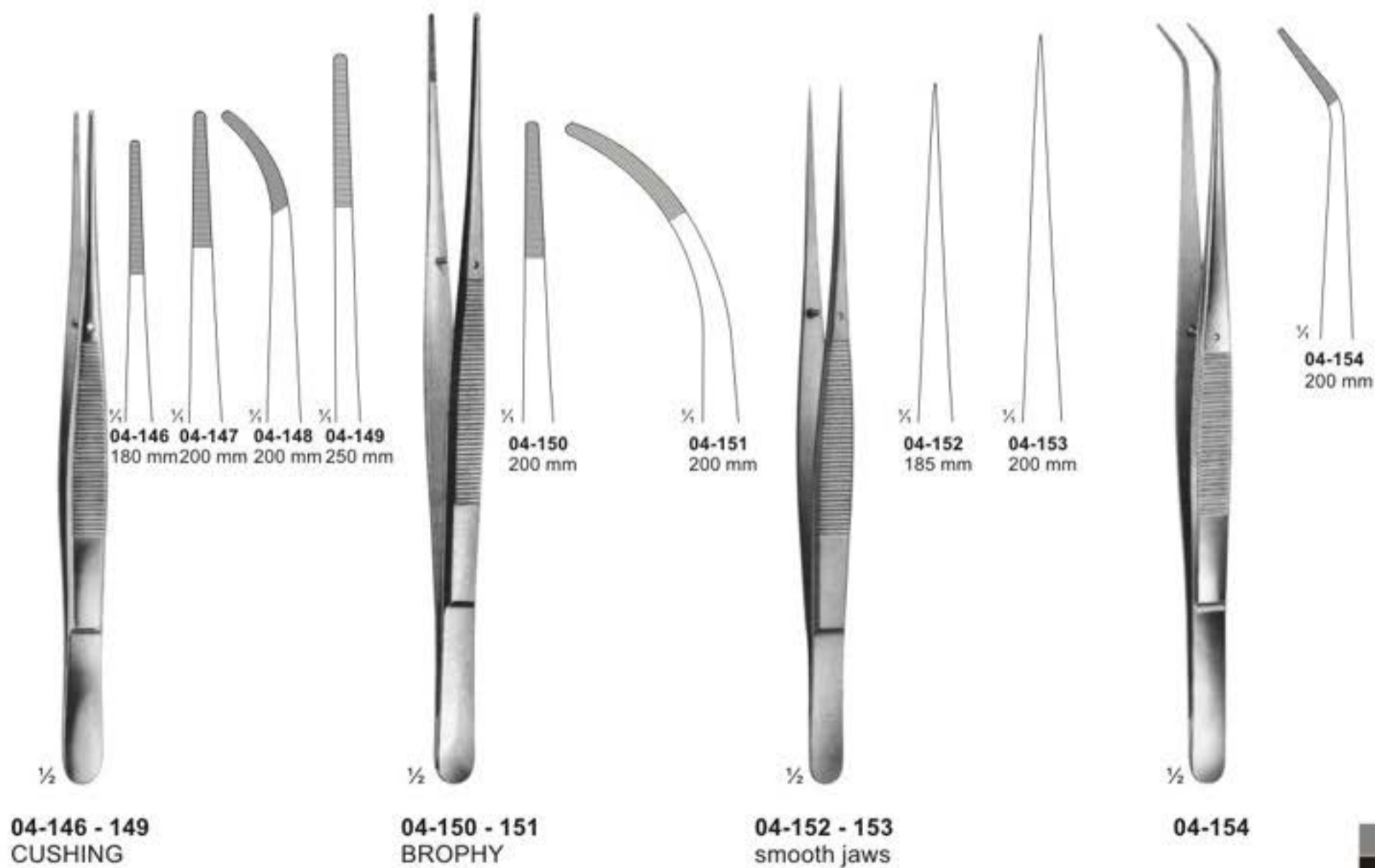
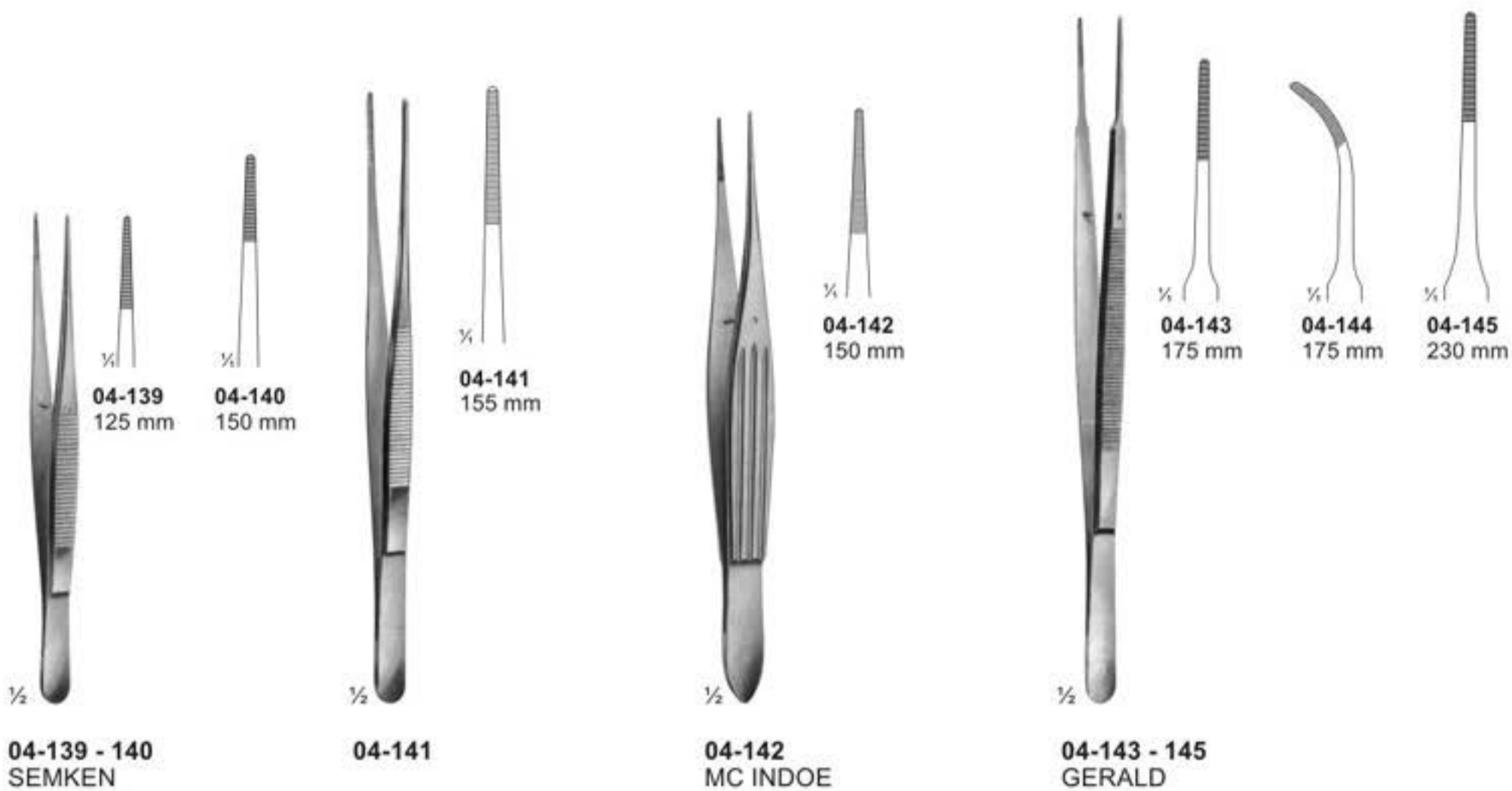


04-137
KUHNE
Cover glass forceps, 105 mm



04-138
160 mm

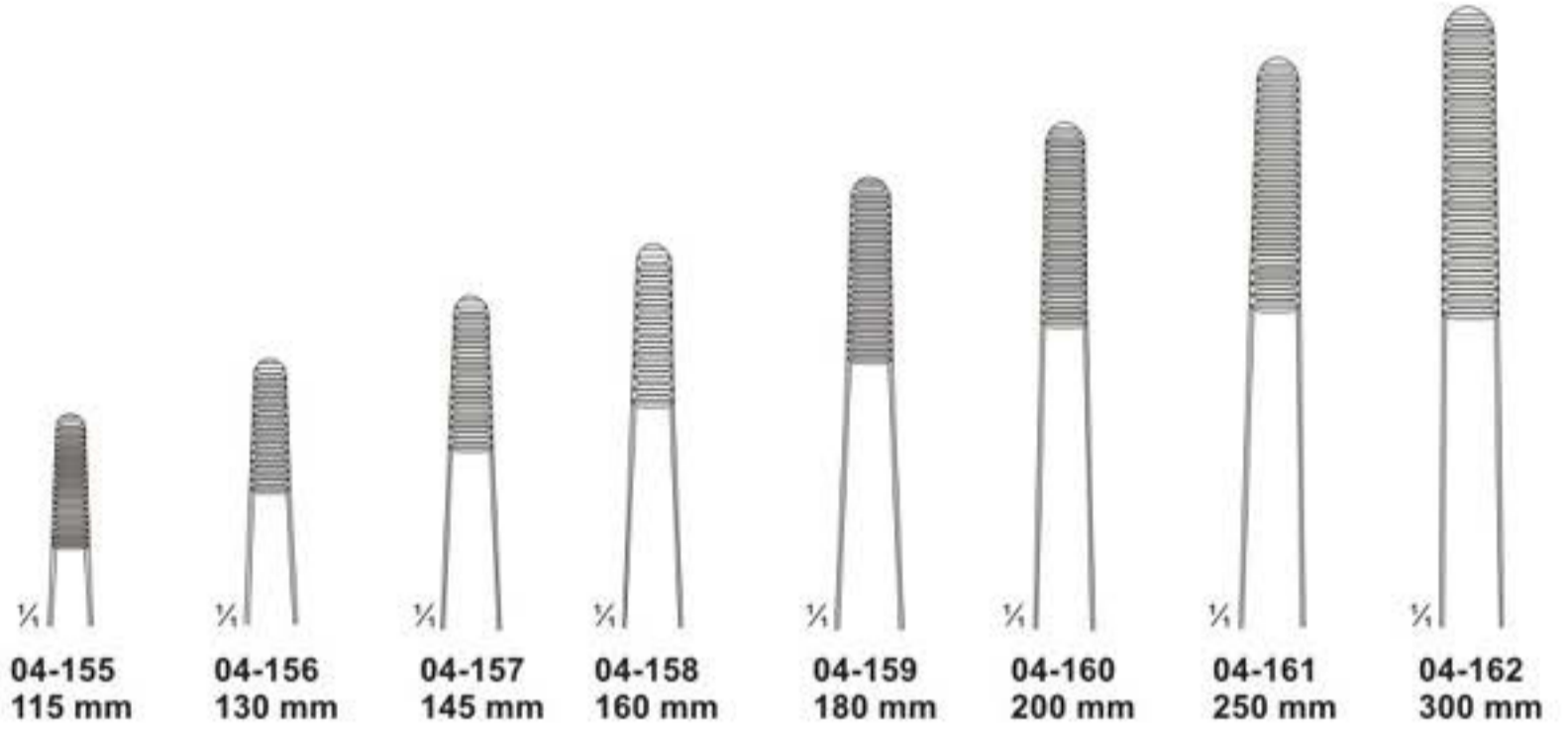
Delicate Dissecting Forceps



Dissecting Forceps



1/2



04-155 - 04-162
STANDARD



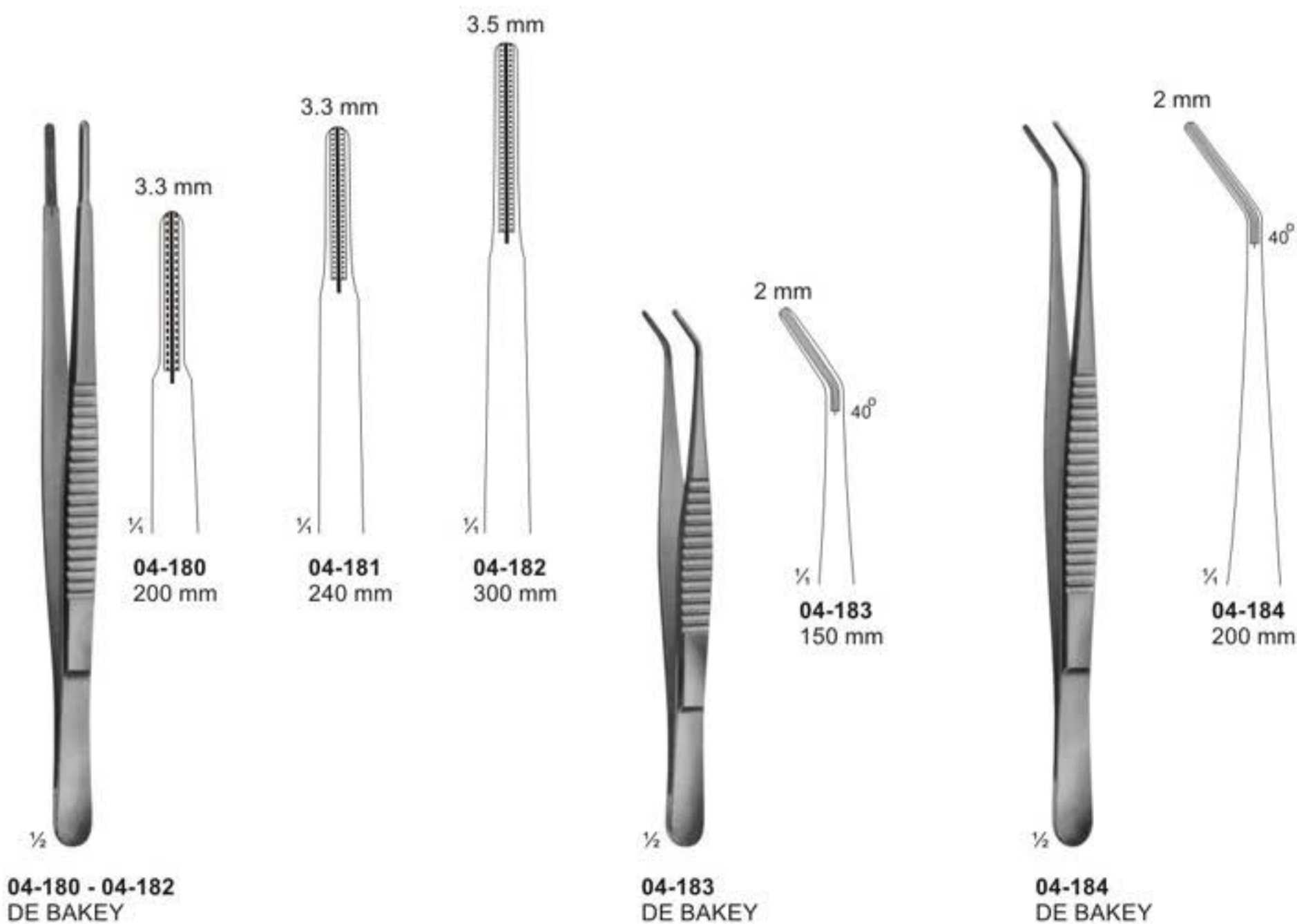
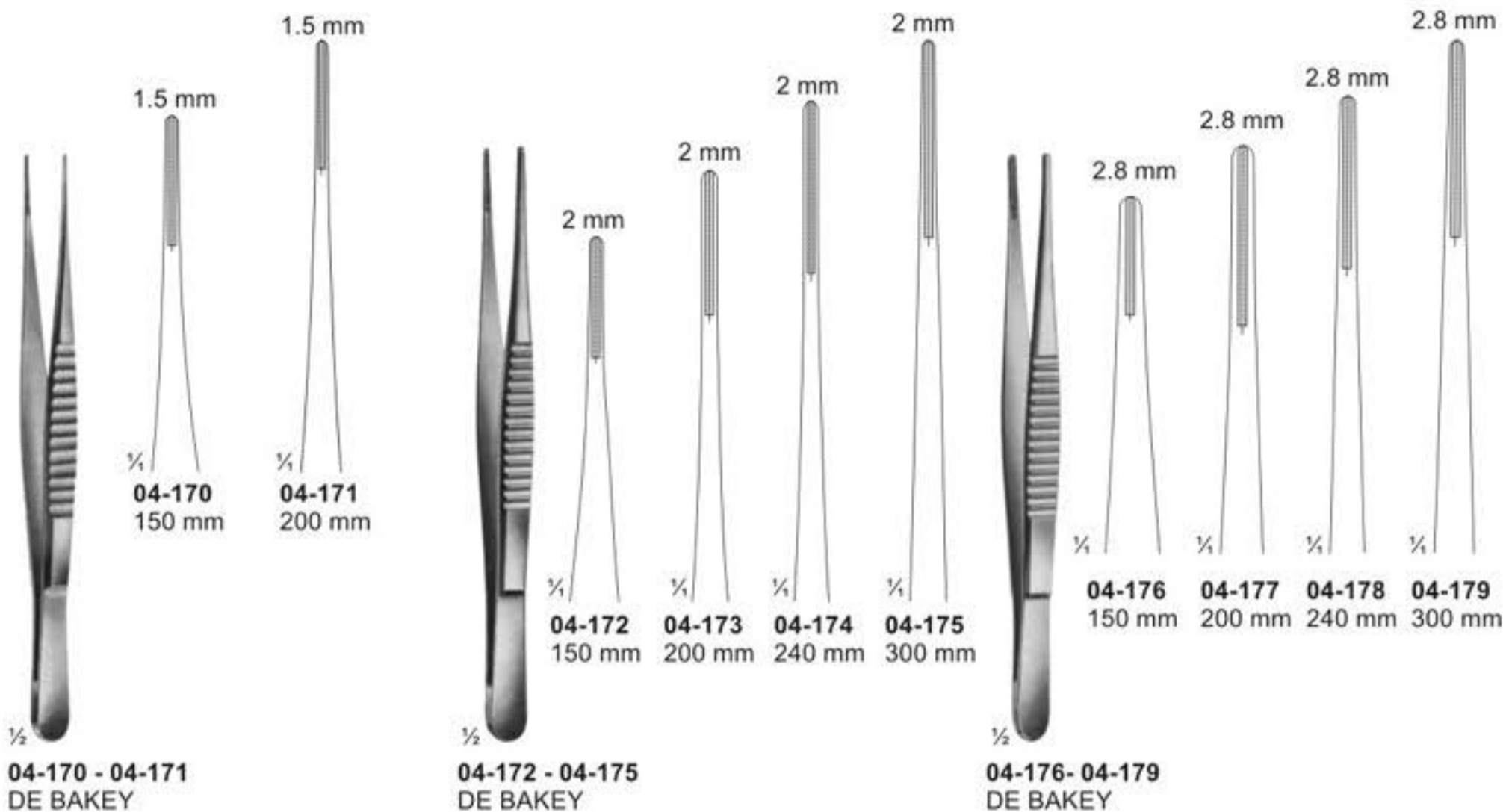
1/2



04-163 - 04-167
MEDIUM

04-168 - 04-169
MEDIUM

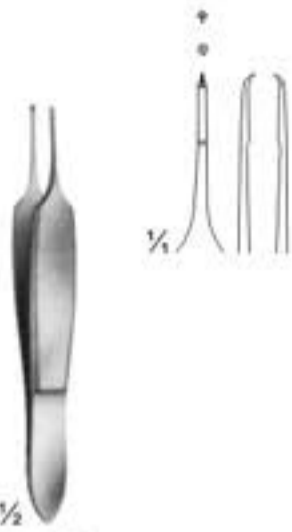
Forceps



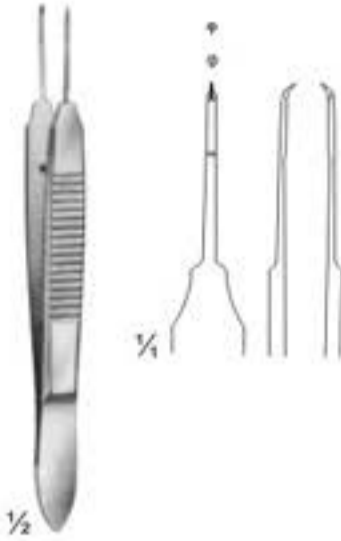
Delicate Tissue Forceps



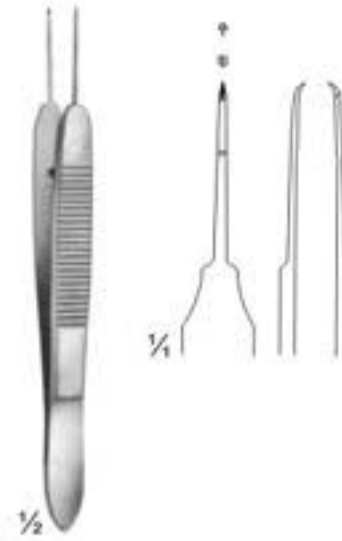
04-185
BISHOP-HARMON
85 mm



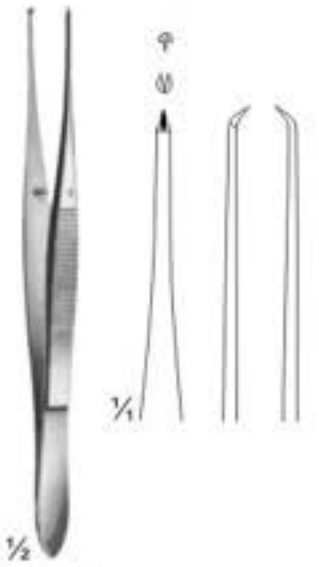
04-186
ST.MARTIN
80 mm



04-187
CASTROVIEJO
teeth 0.9 mm
100 mm



04-188
CASTROVIEJO
teeth 0.5 mm
100 mm



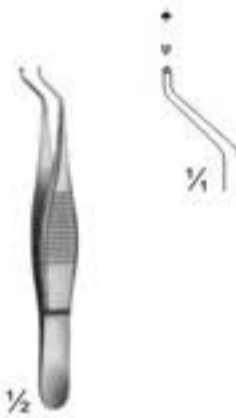
04-189
ELSCHING
110 mm



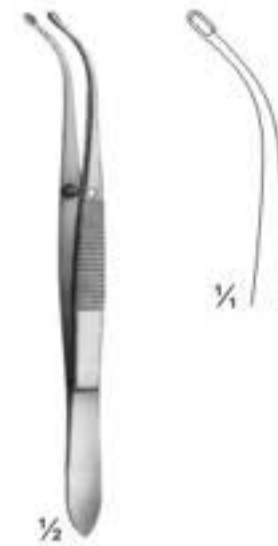
04-190
GILL
75 mm



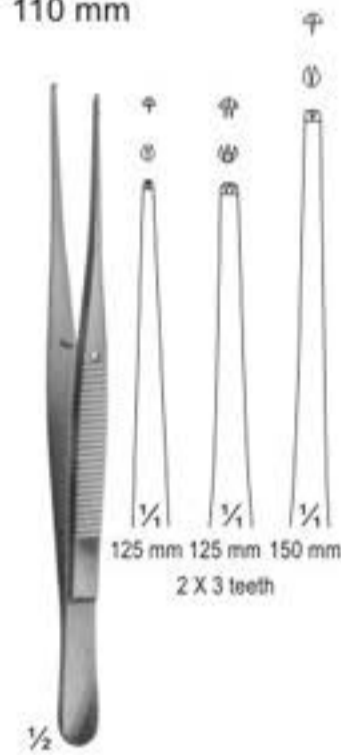
04-191
GILL - HESS
75 mm



04-192
HESS
70 mm



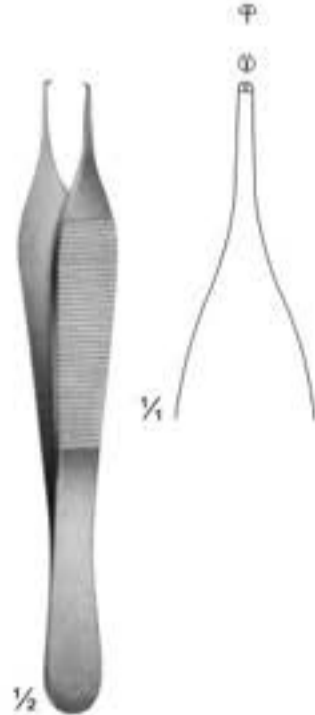
04-193
ARRUGA
100 mm



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



04-195
MICRO-ADSON
120 mm



04-196
ADSON
120 mm



04-197
ADSON
120 mm

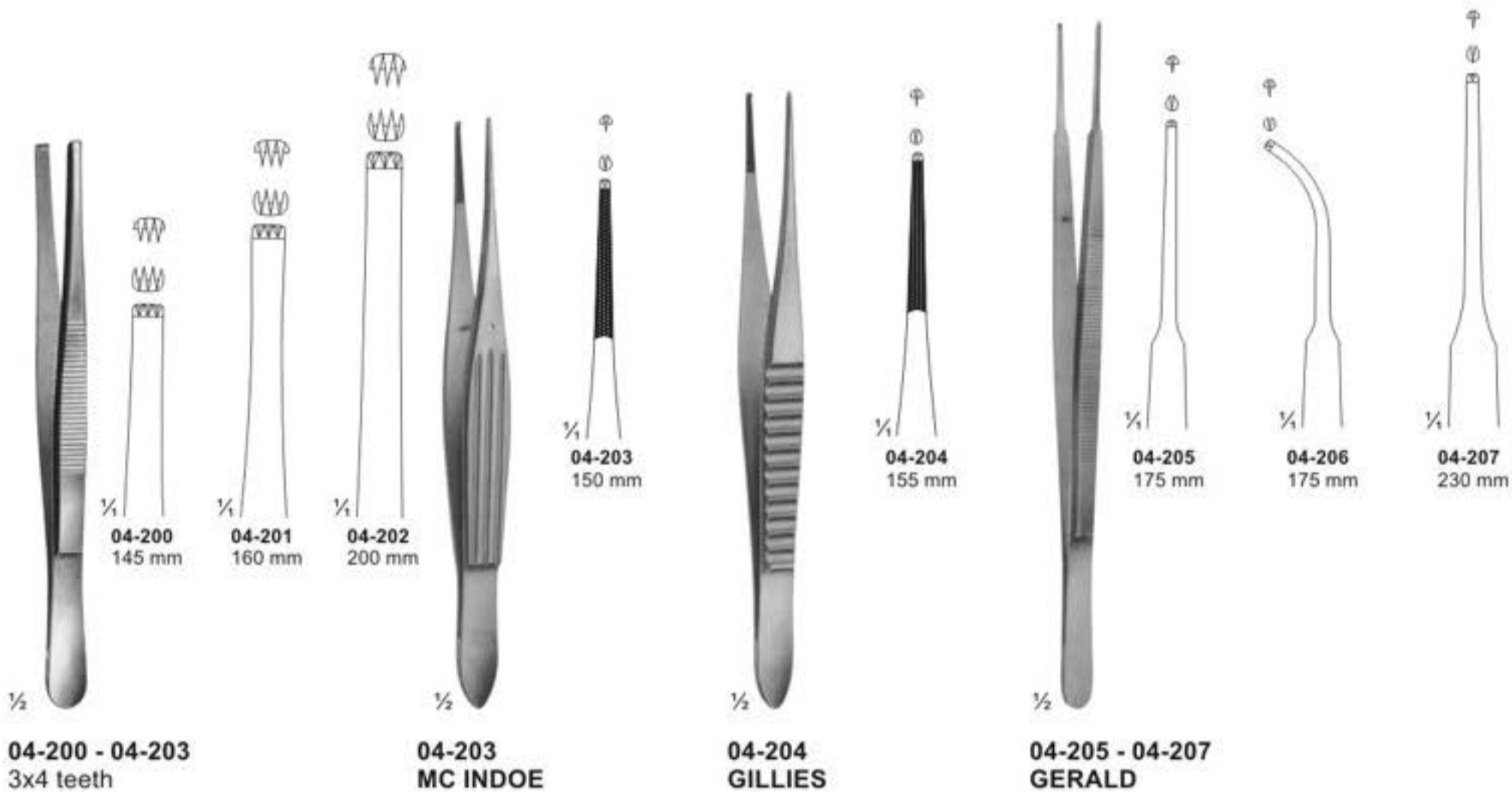


04-198
ADSON
120 mm



04-199
ADSON
150 mm

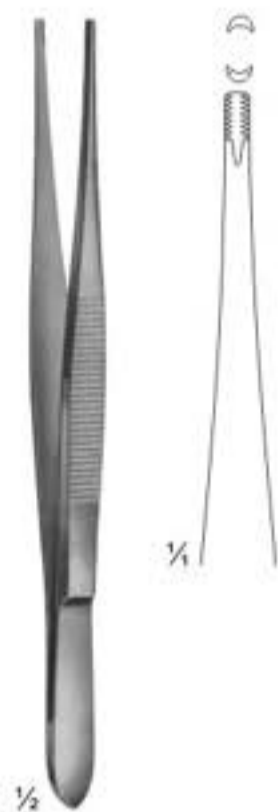
Tissue Forceps



Tissue Forceps



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



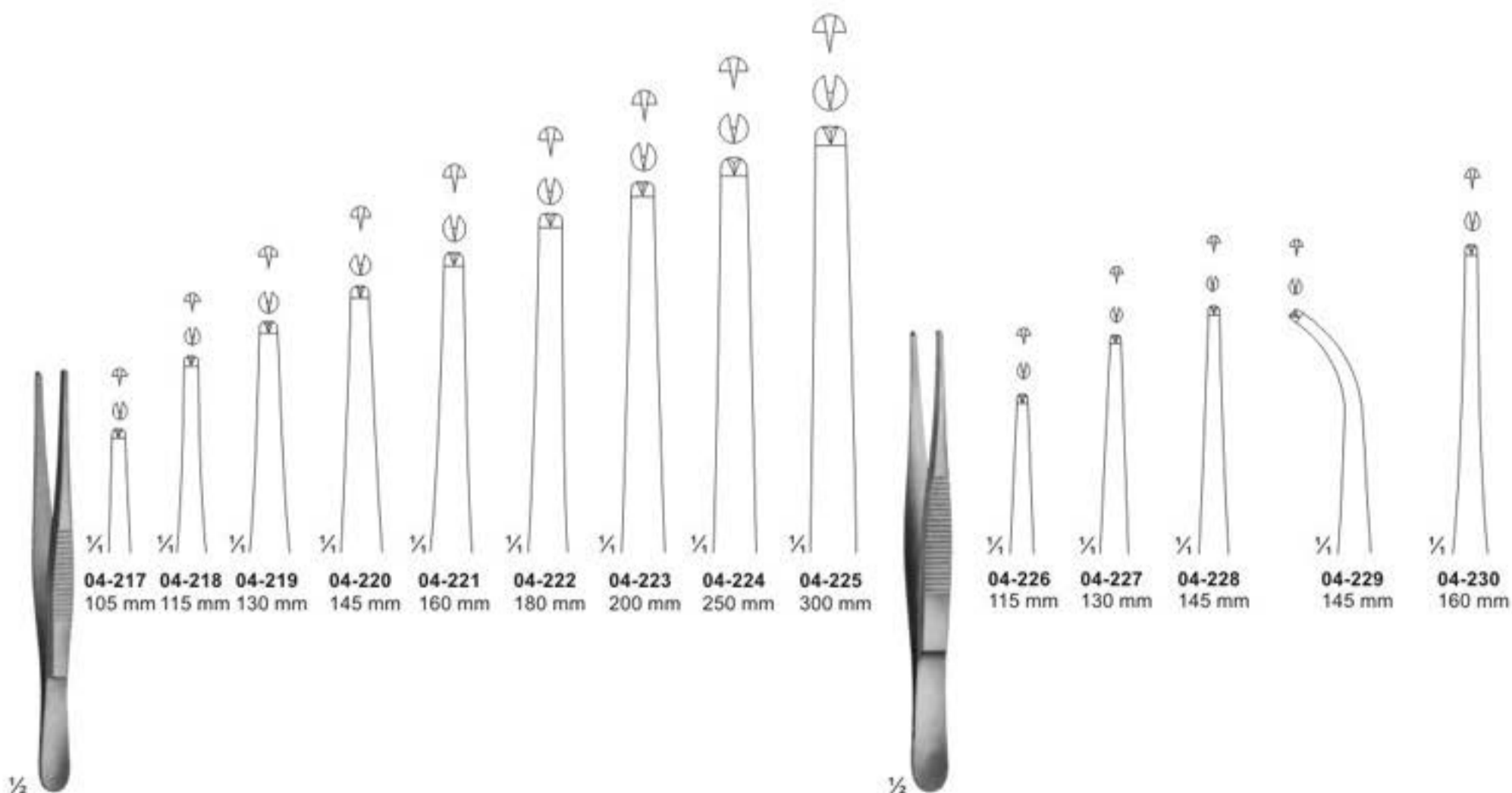
**04-214
BROWN
120 mm**



**04-215
GRAEFE
110 mm**



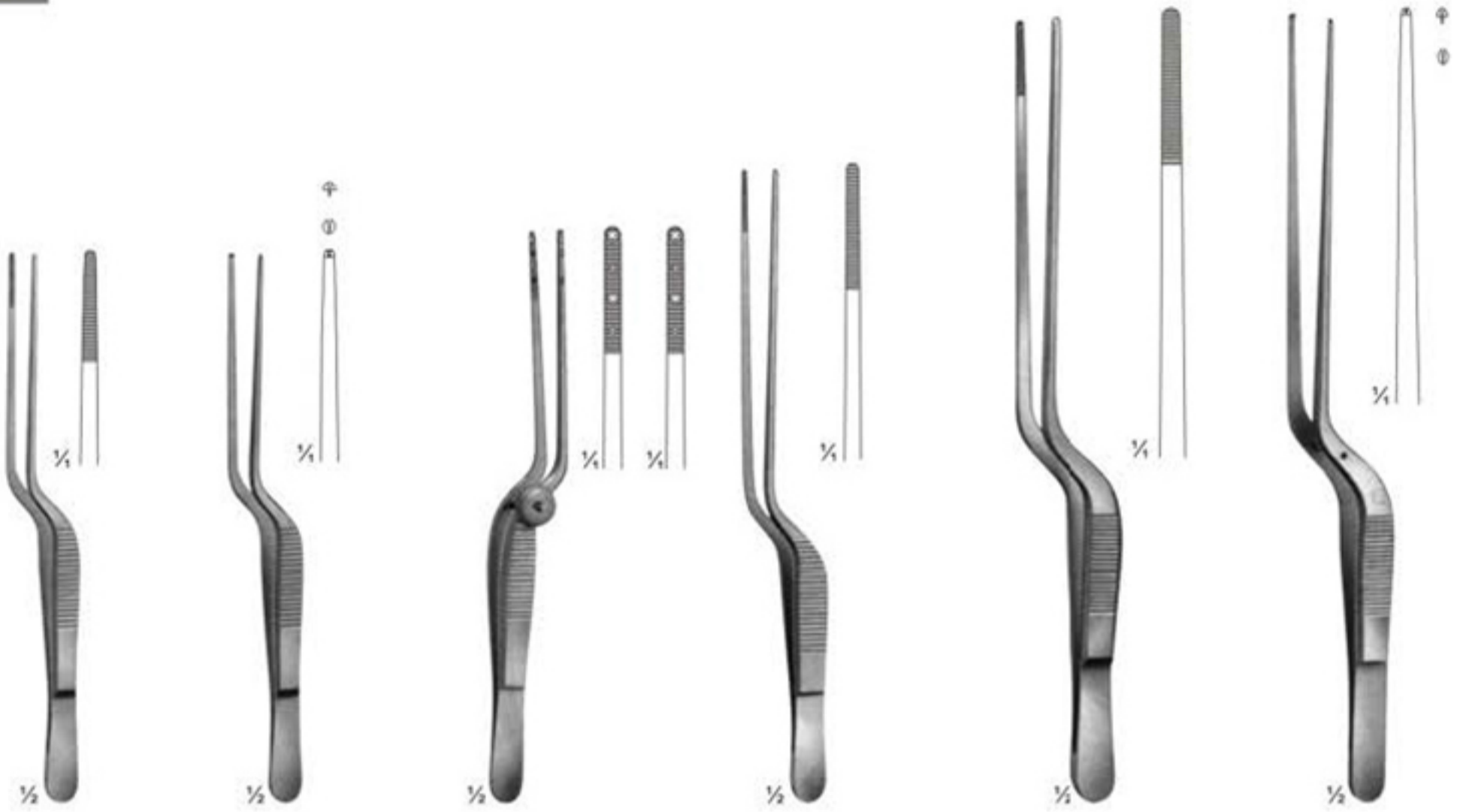
**04-216
GRAEFE
With Catch
110 mm**



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

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

Forceps, Bayonet - Shaped



04-231
LUCAE
140 mm

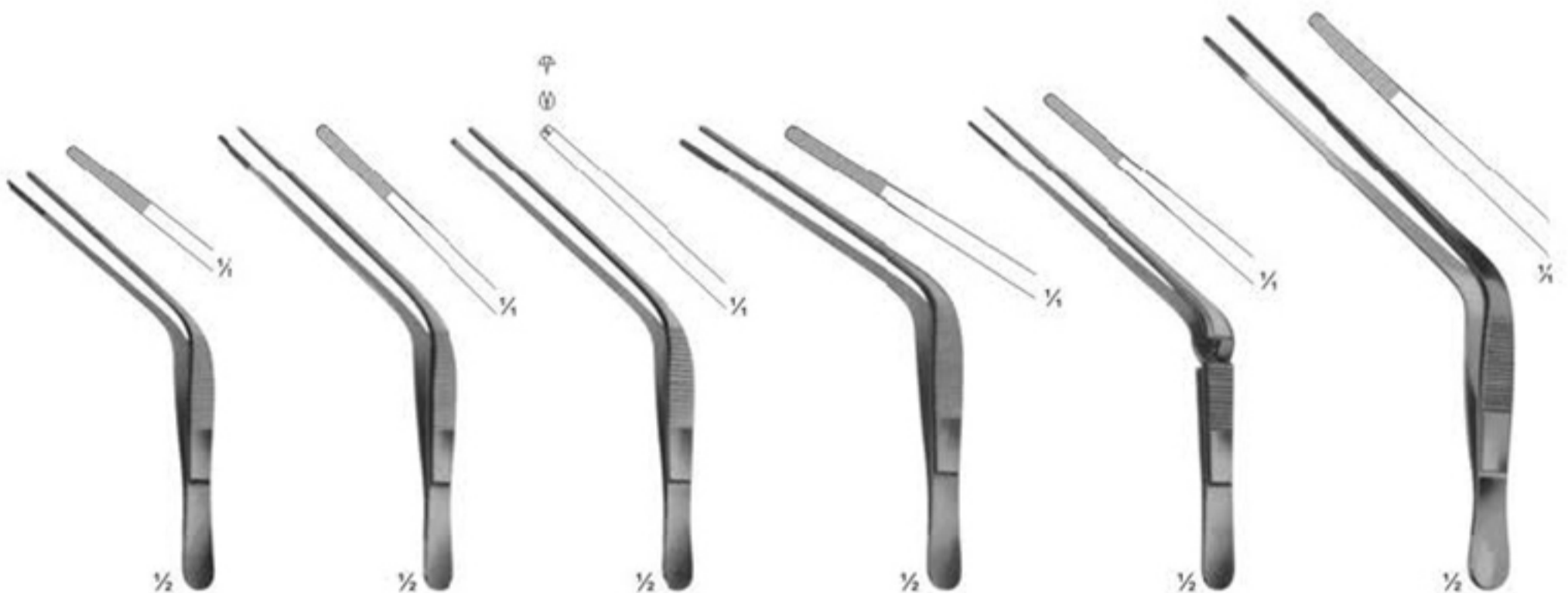
04-232
LUCAE
1x2 teeth
140 mm

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

04-234
JANSEN
160 mm

04-235
GRUENWALD
200 mm

04-236
1x2 teeth
200 mm



04-237
TROELTSCH
100 mm

04-238
TROELTSCH
115 mm

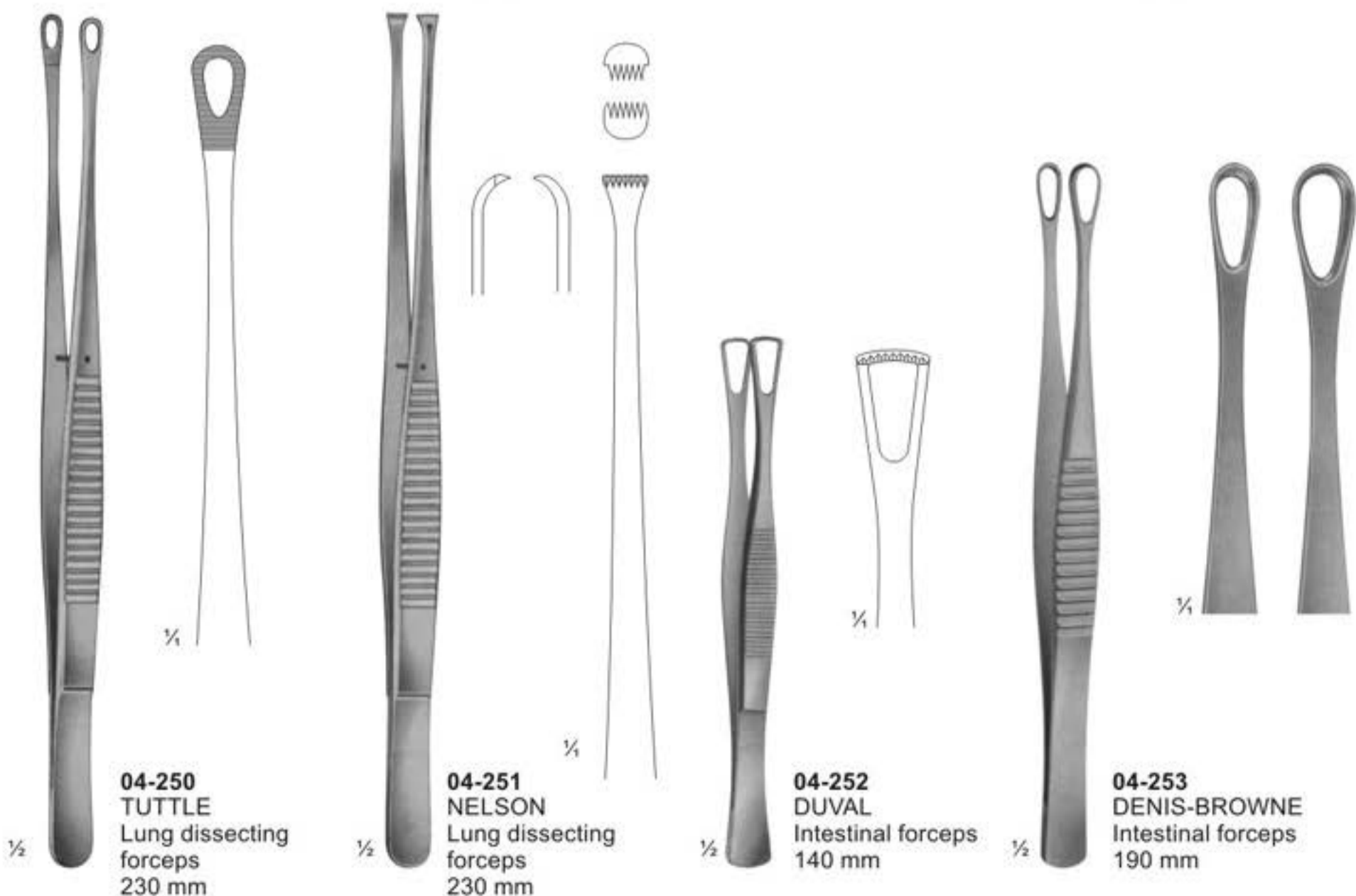
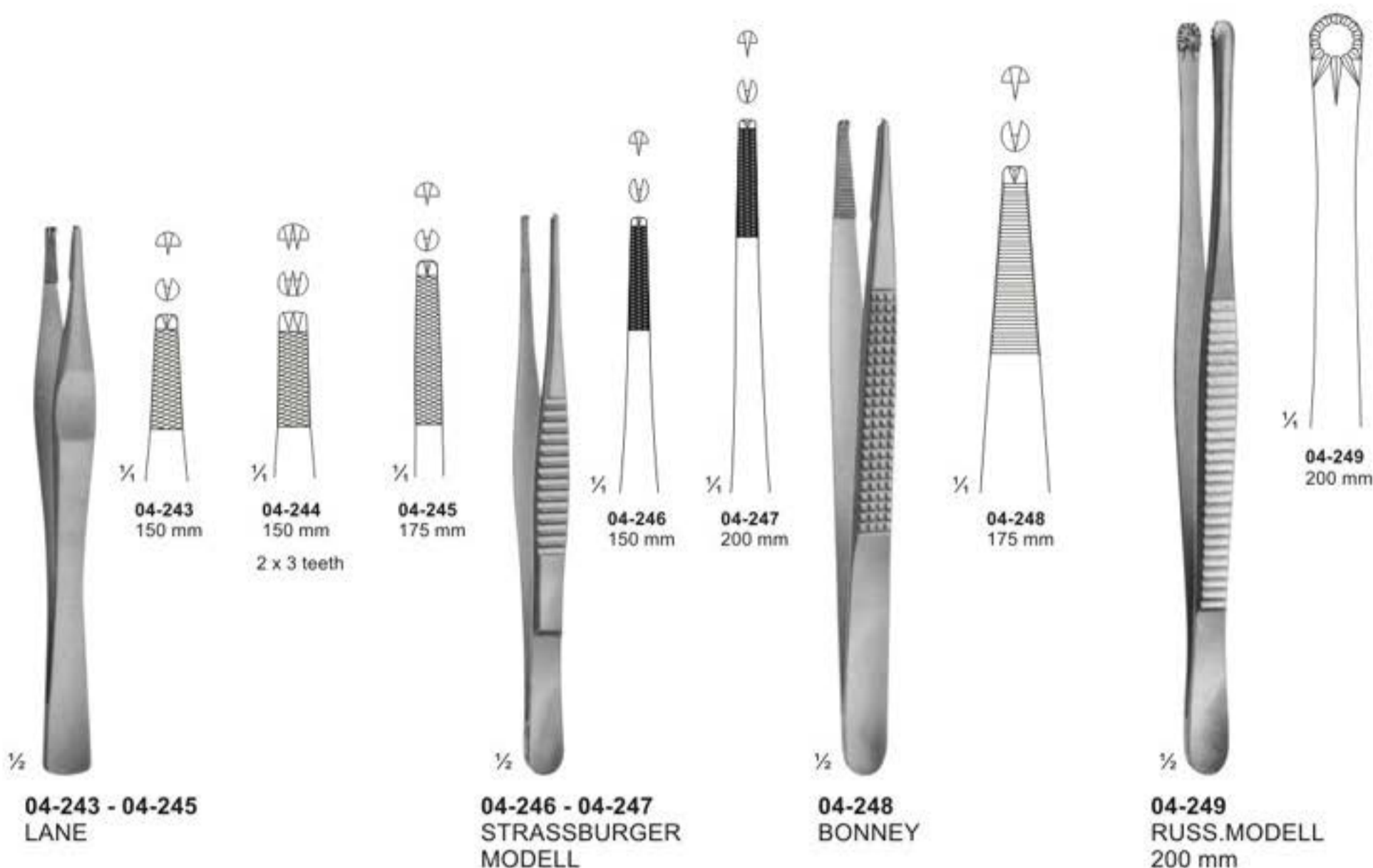
04-239
TROELTSCH
1X2 teeth
115 mm

04-240
WILDE
115 mm

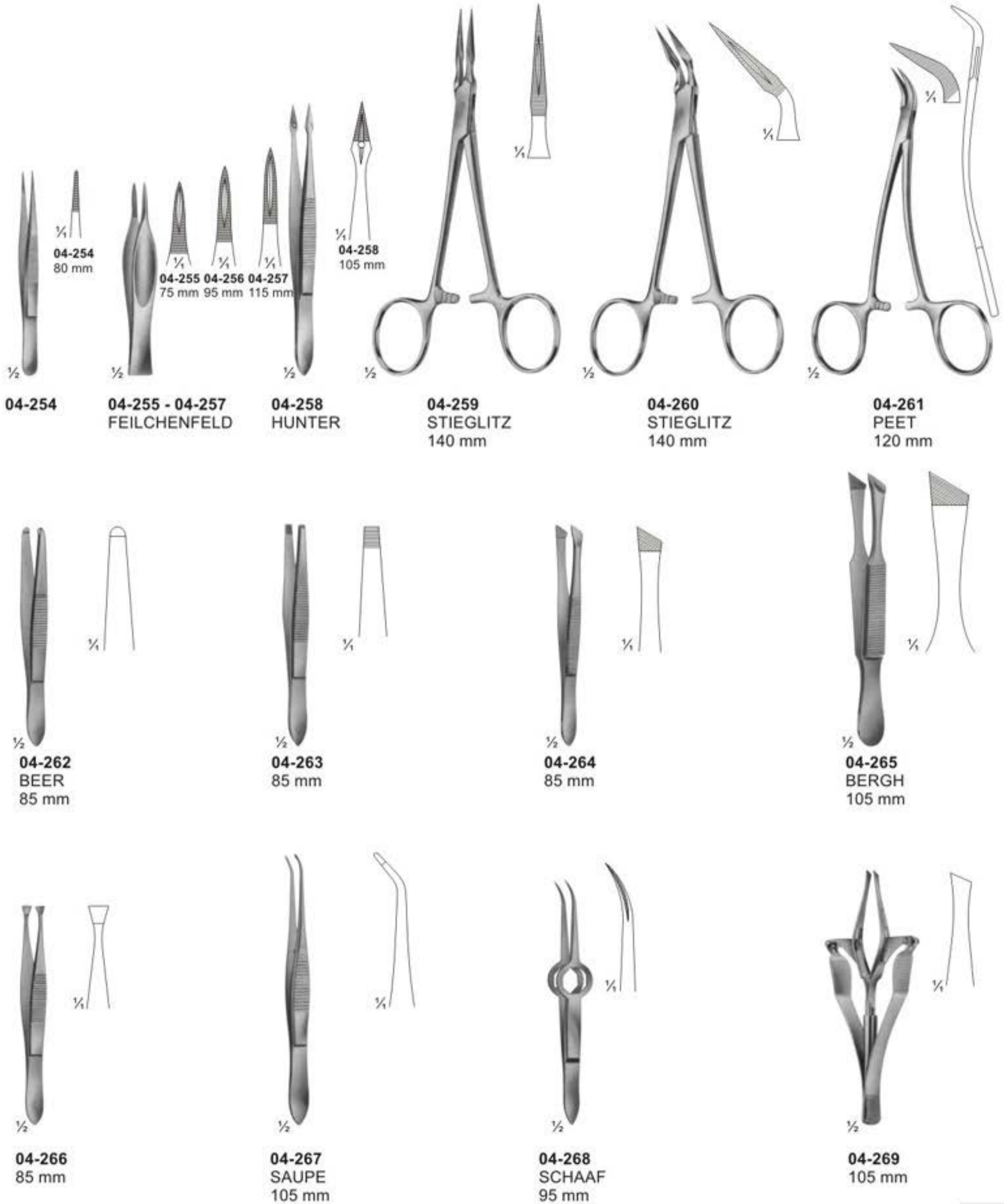
04-241
TROELTSCH
Cross action
120 mm

04-242
TROELTSCH
140 mm

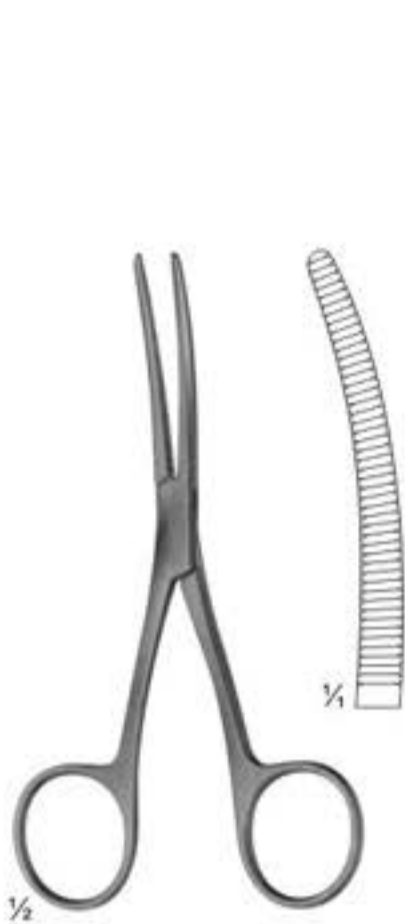
Tissue Forceps, Lung Dissecting Forceps



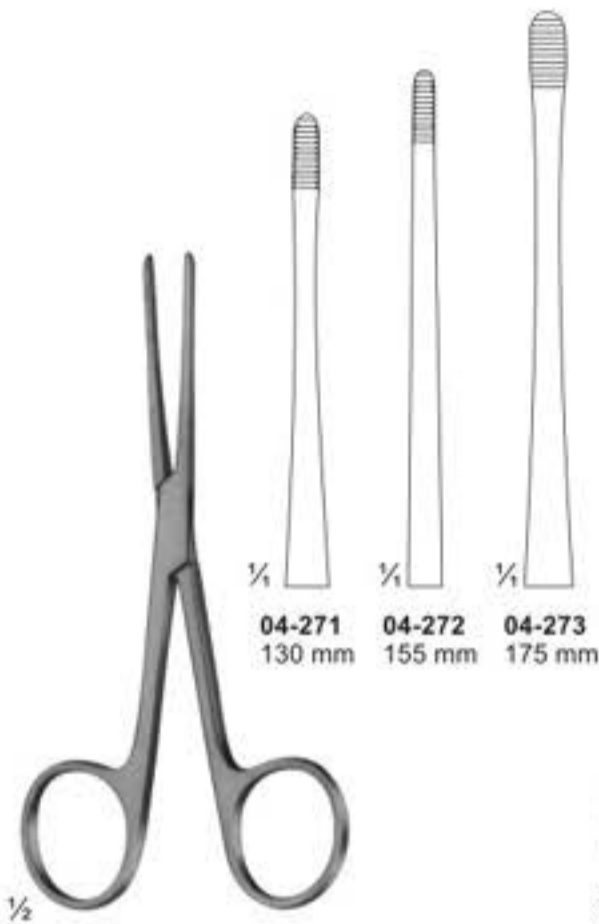
Splinter and Cilia Forceps



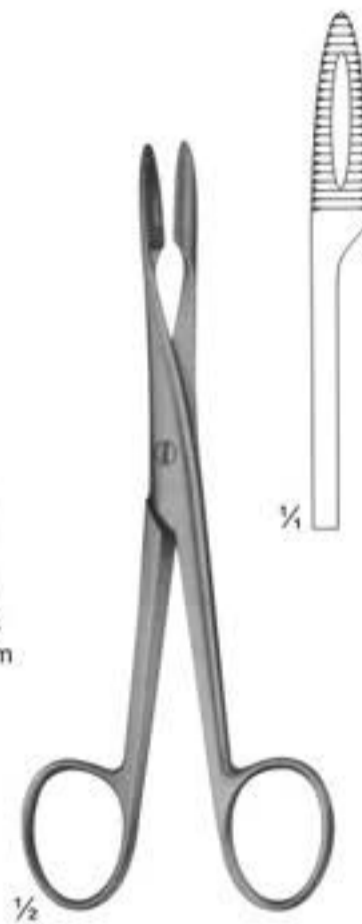
Sponge and Dressing Forceps



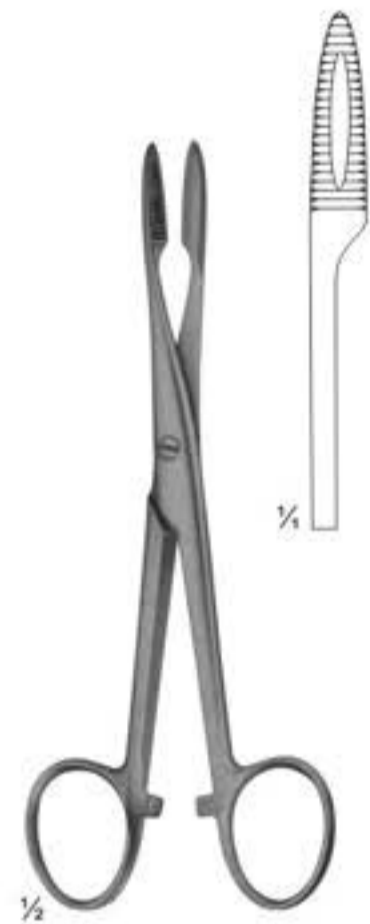
04-270
BRYANT
130 mm



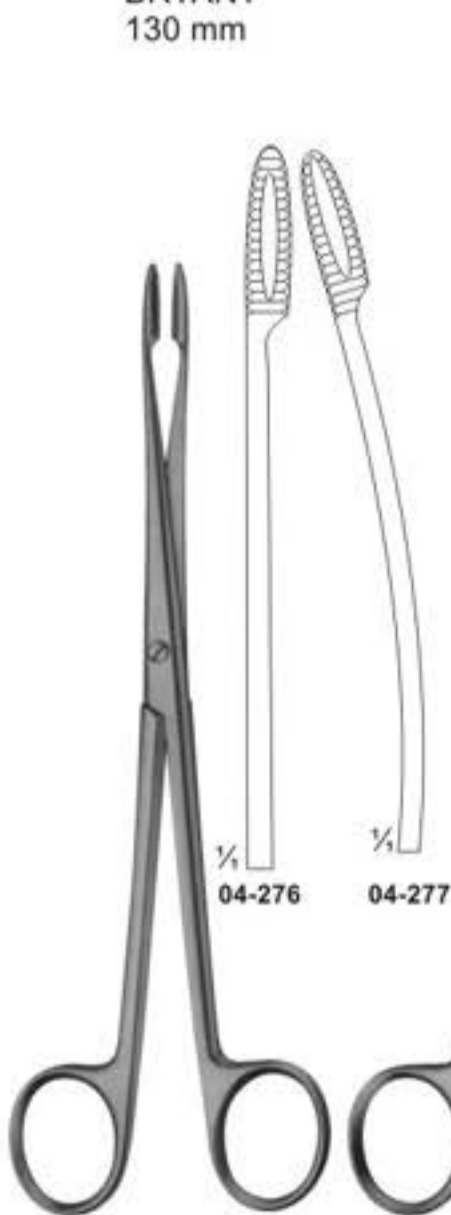
04-271 - 04-273
LISTER
Sinus forceps



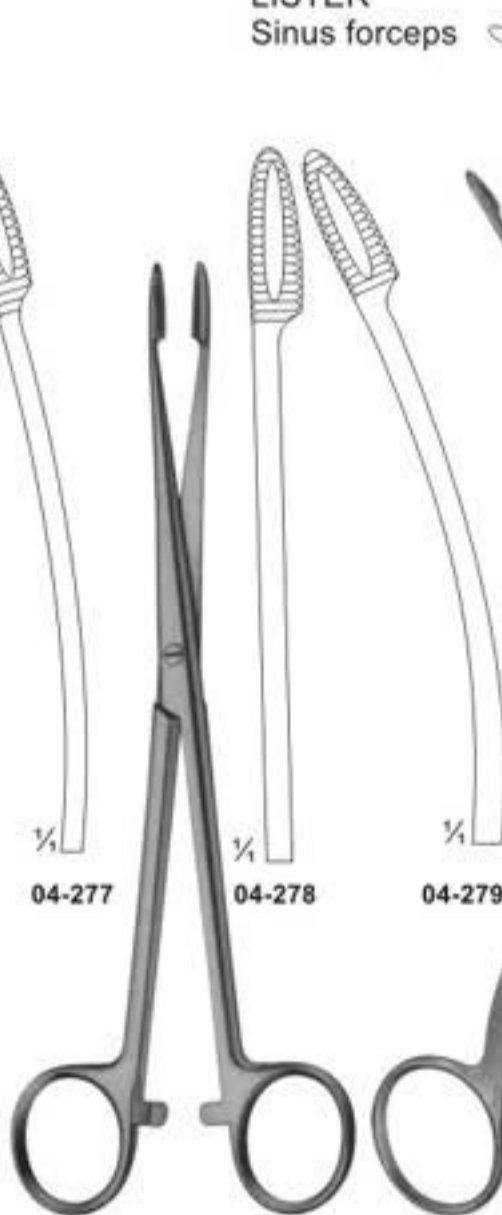
04-274
without ratchet
145 mm



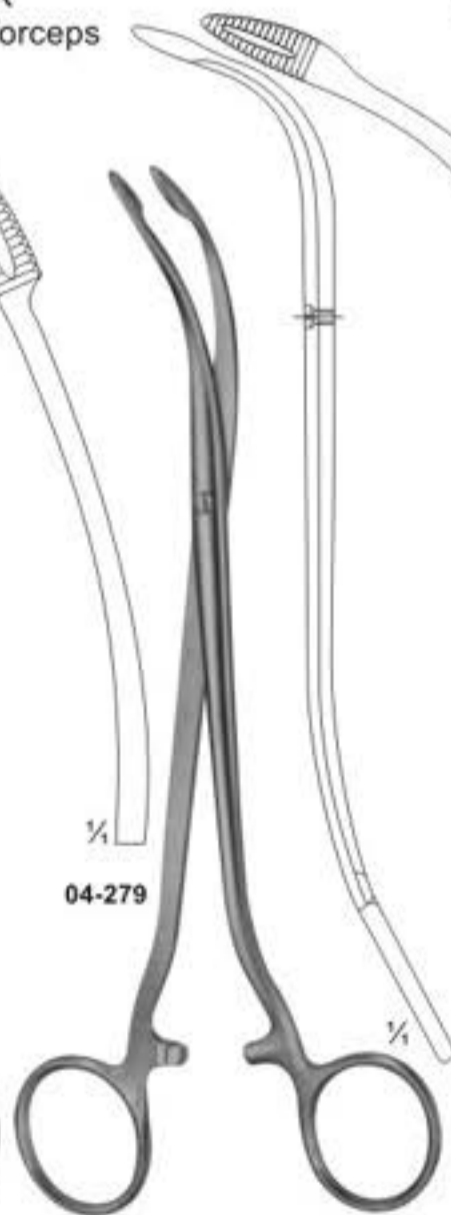
04-275
with ratchet
145 mm



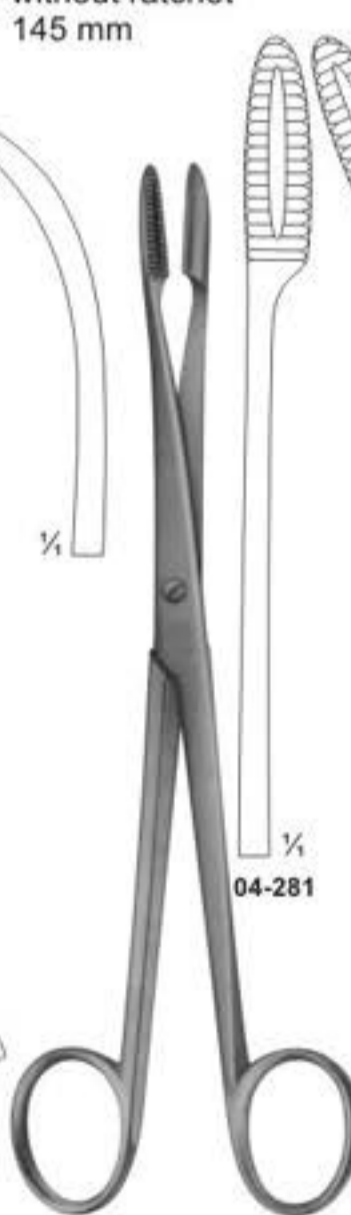
04-276 - 04-277
GROSS
without ratchet
180 mm



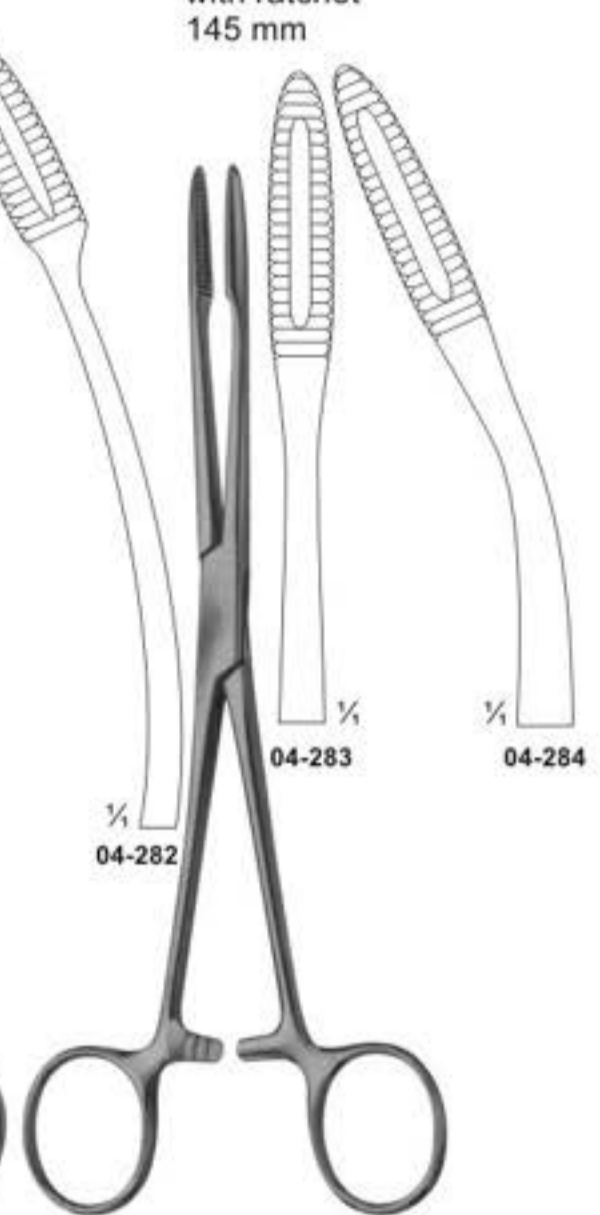
04-278 - 04-279
GROSS
with ratchet
180 mm



04-280
DUPLAY
190 mm



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



04-283 - 04-284
GROSS
200 mm

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



04-285 - 04-286
COLLIN



$\frac{1}{2}$
04-285
195 mm

$\frac{1}{2}$
04-286
230 mm



04-287 - 04-289
COLLIN



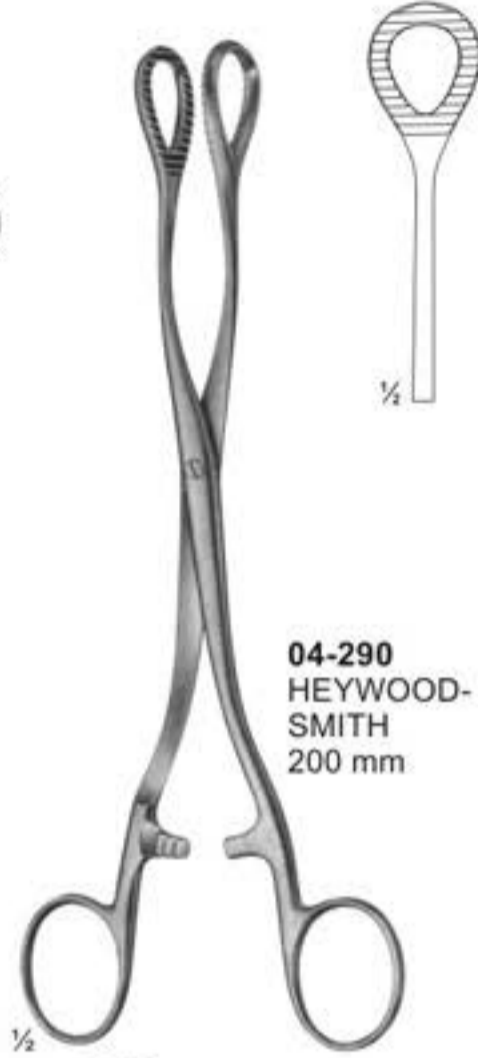
$\frac{1}{2}$
04-287
160 mm



$\frac{1}{2}$
04-288
160 mm



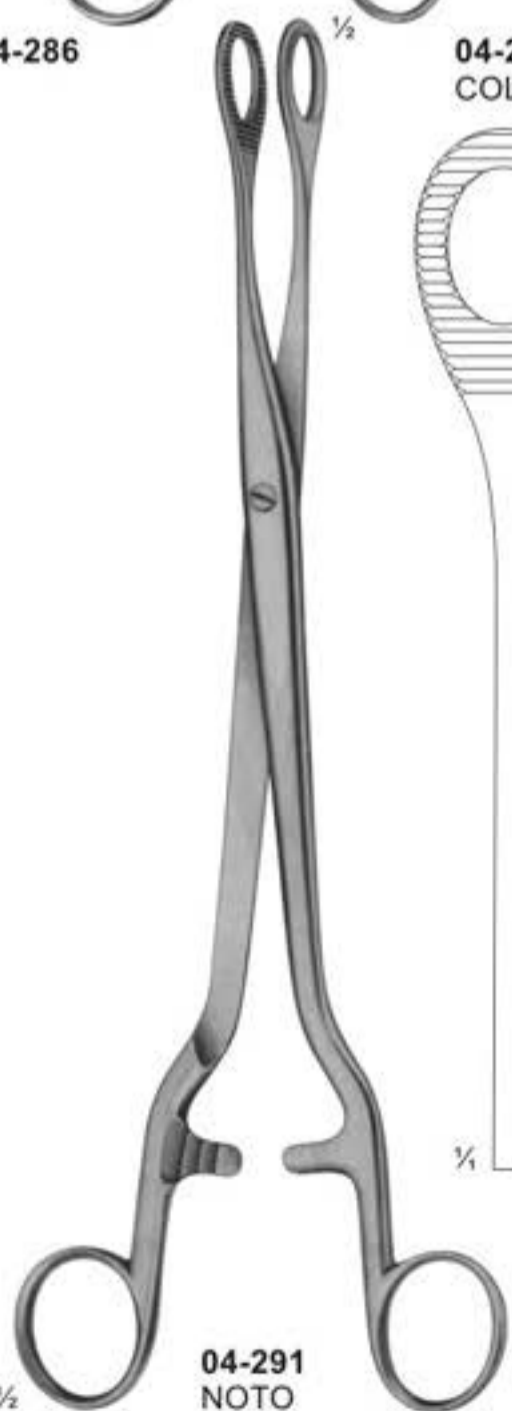
$\frac{1}{2}$
04-289
170 mm



04-290
HEYWOOD-SMITH
200 mm



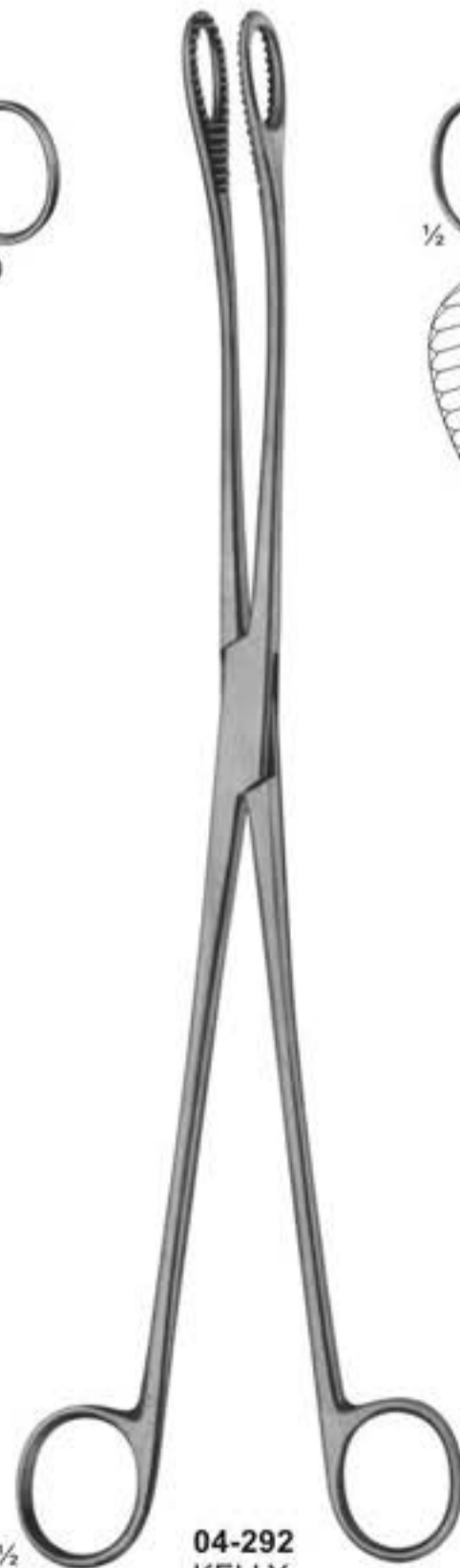
$\frac{1}{2}$



04-291
NOTO
280 mm



$\frac{1}{2}$

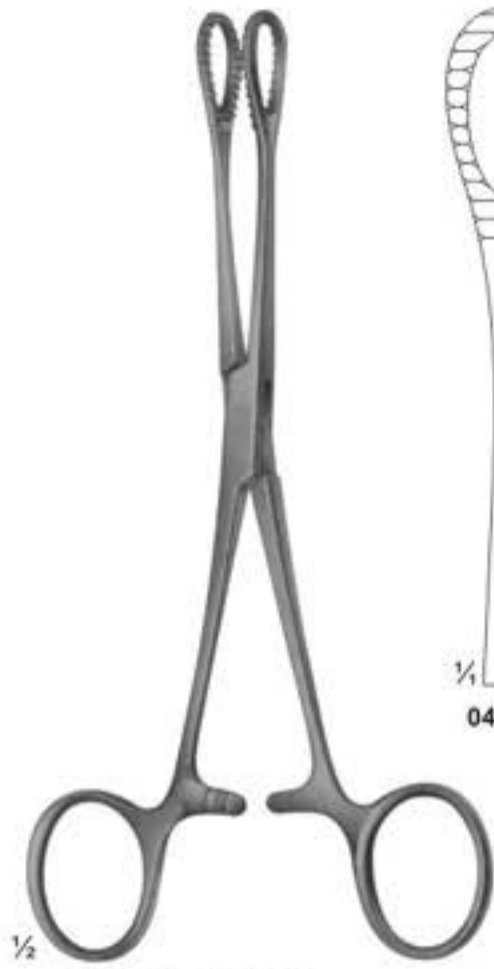


04-292
KELLY
320 mm



$\frac{1}{2}$

Dressing, Sponge holding, Organ and Tissue Grasping Forceps



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



$\frac{1}{4}$
04-293



$\frac{1}{4}$
04-294



04-295 - 04-296
RAMPLEY



$\frac{1}{4}$
04-295
180 mm



$\frac{1}{4}$
04-296
250 mm



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



$\frac{1}{4}$
04-297
Smooth Jaws



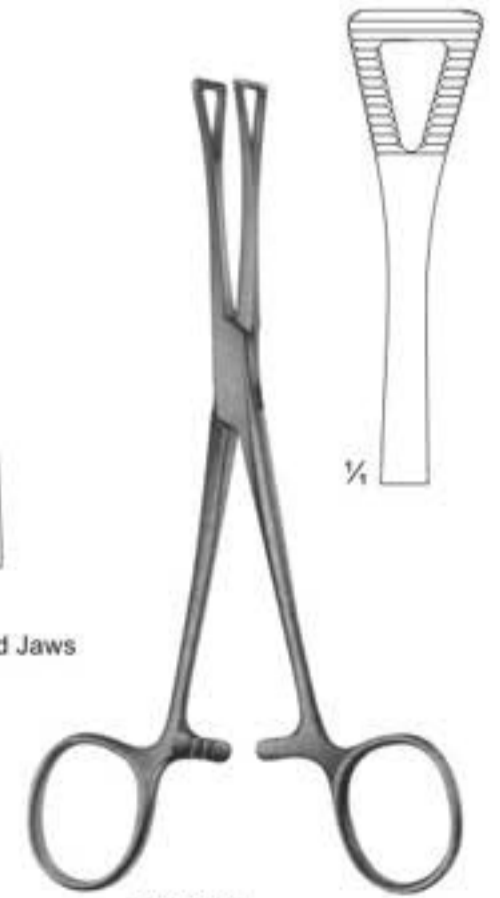
$\frac{1}{4}$
04-298
Smooth Jaws



$\frac{1}{4}$
04-299
Serrated Jaws



$\frac{1}{4}$
04-300
Serrated Jaws

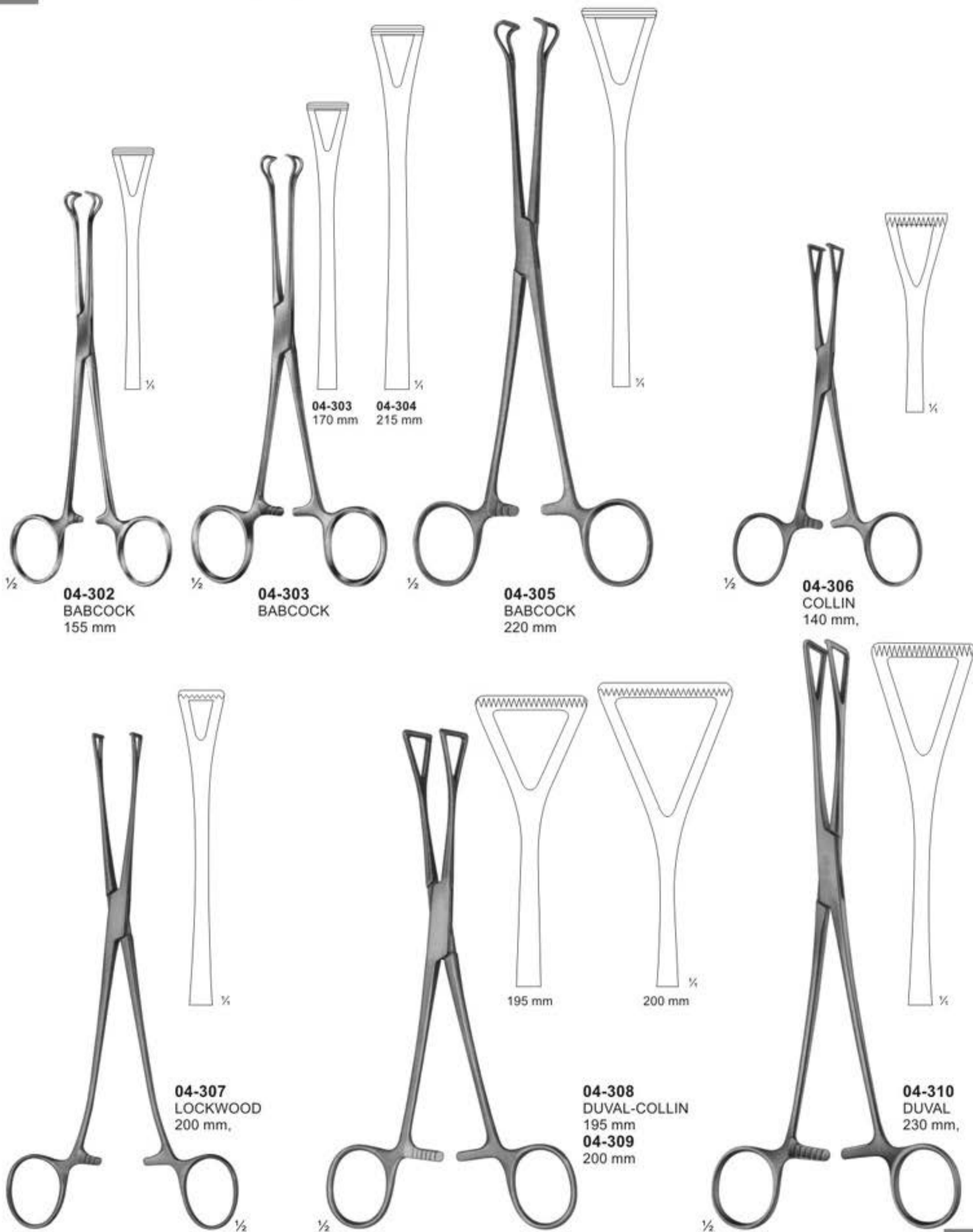


04-301
PENNINGTON
155 mm

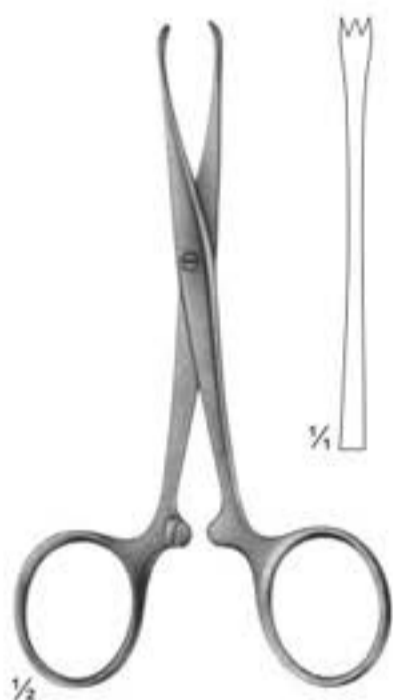


$\frac{1}{4}$

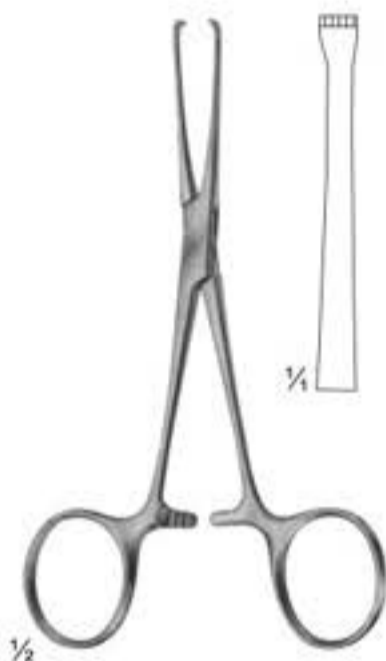
Intestinal Grasping Forceps



Artery Traction - and Tissue Grasping Forceps



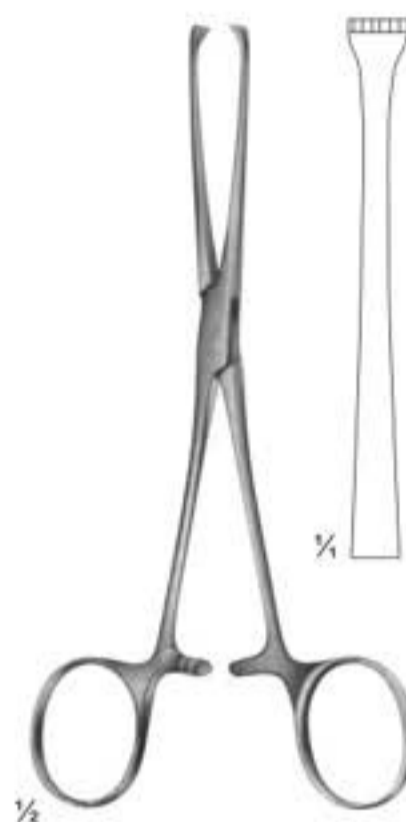
04-311
CHAPUT
2 x 3 teeth
125 mm



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



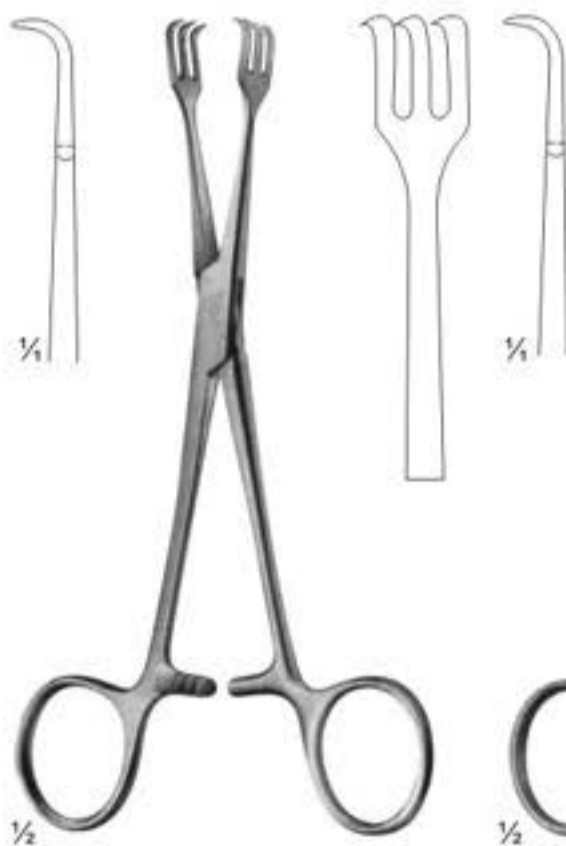
04-313
BOYS-ALLIS
5 x 6 teeth sharp
155 mm



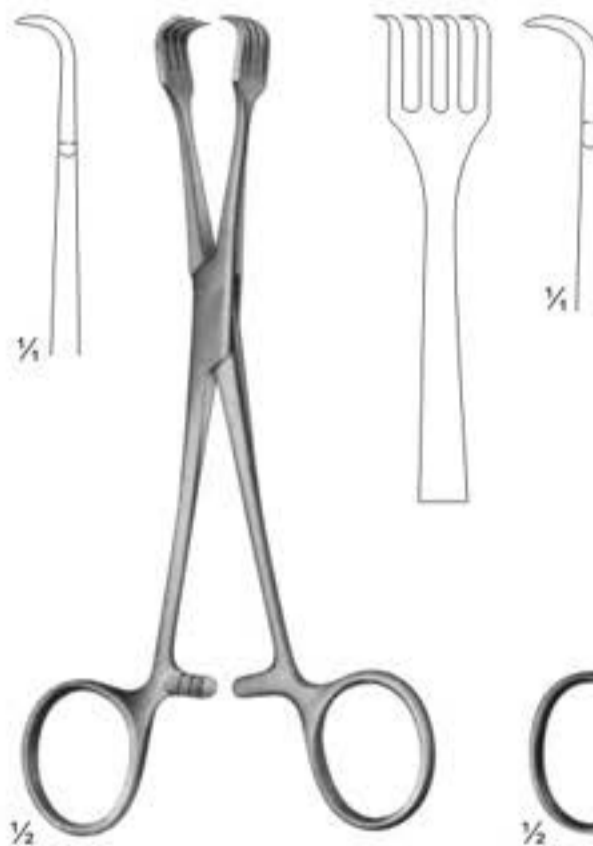
04-314
ALLIS
5 x 6 teeth
155 mm



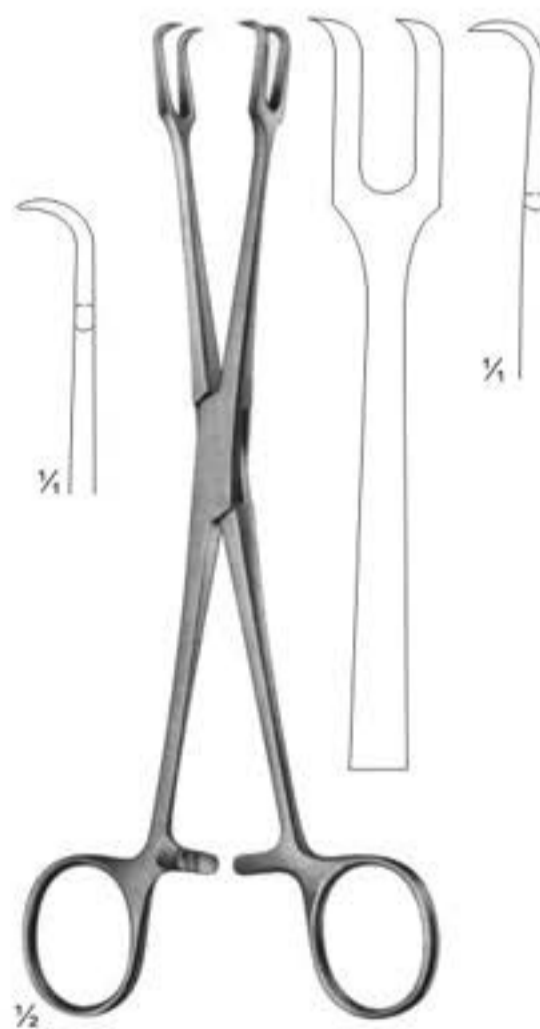
04-315
LAHEY
155 mm



04-316
LAHEY
155 mm

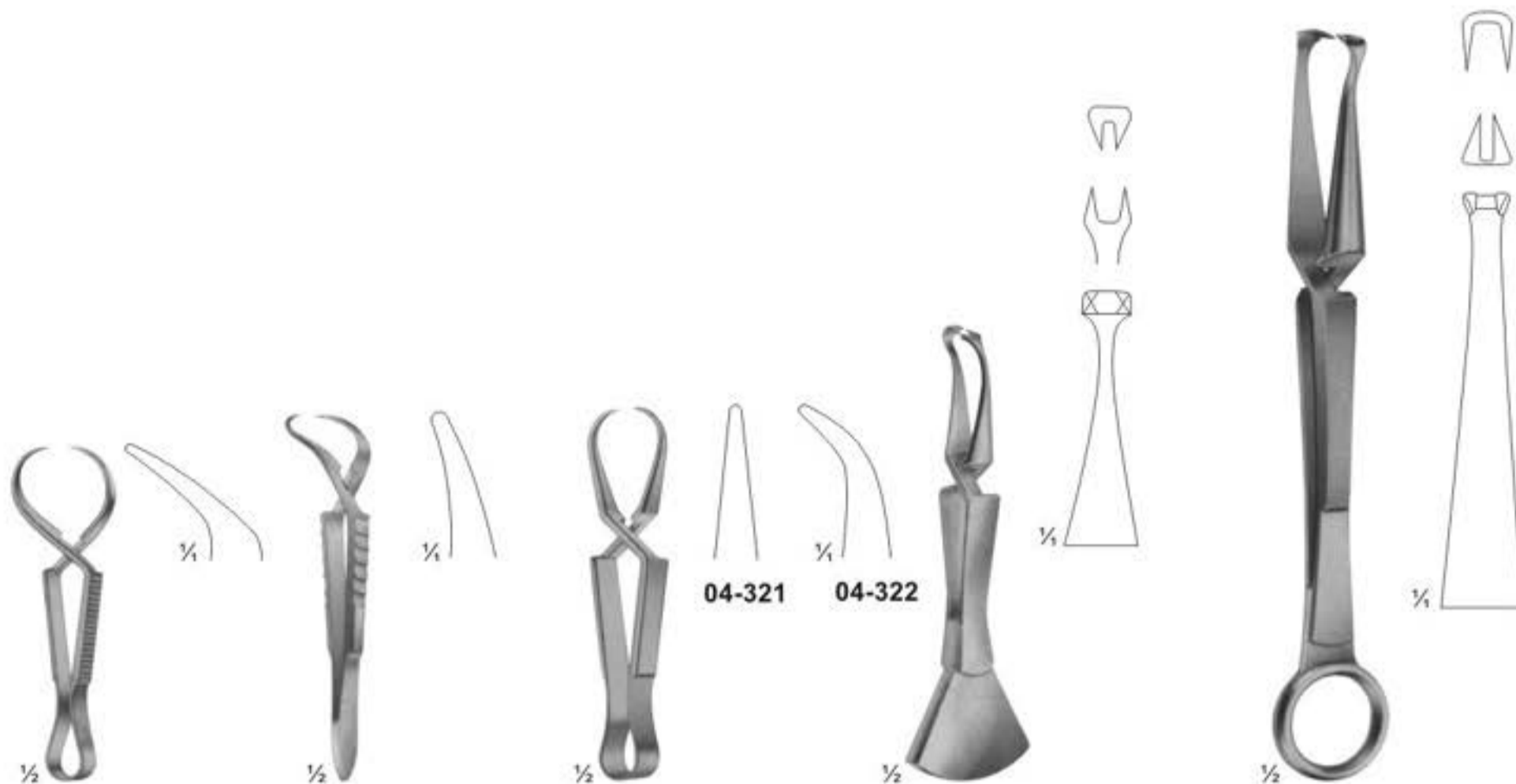


04-317
BRAUN
155 mm



04-318
MUSEUX
200 mm

Towel Clamps



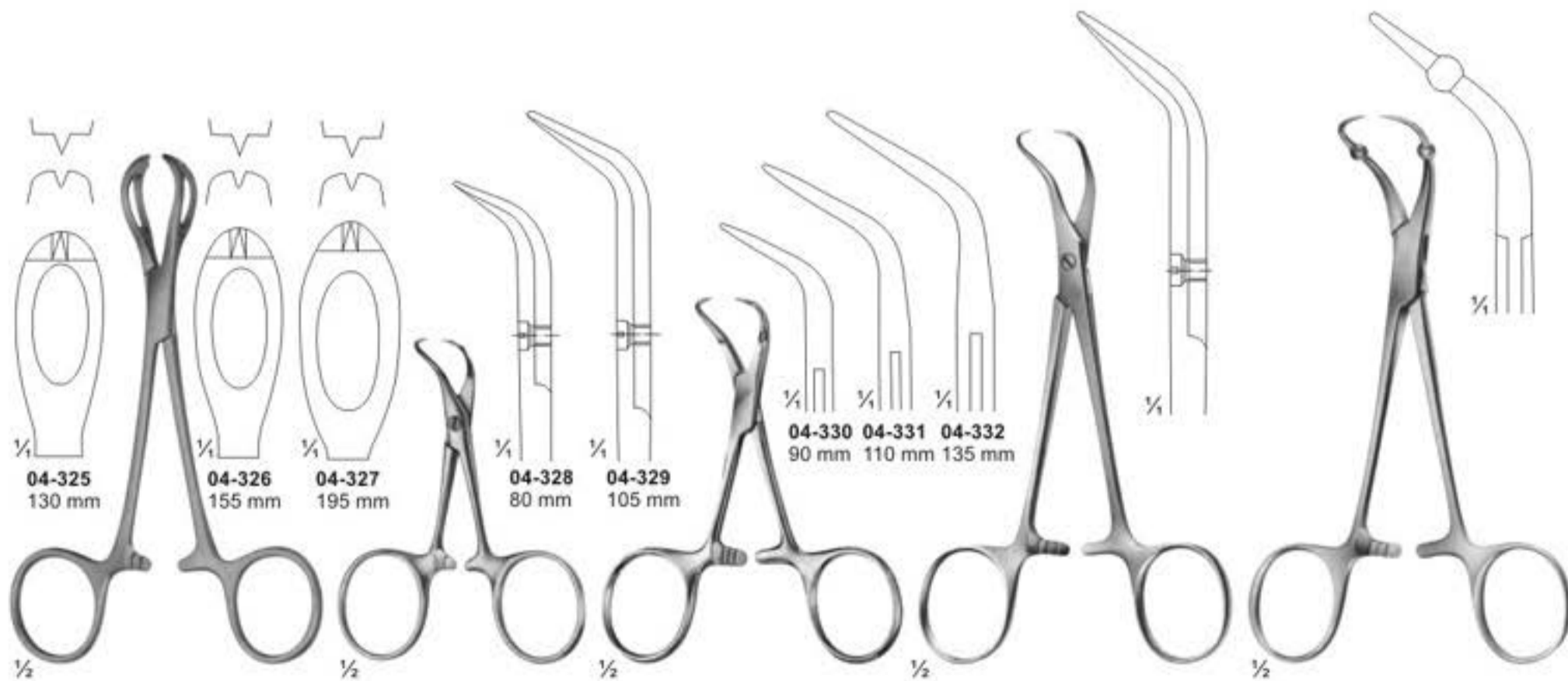
04-319
JONES
85 mm

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
130 mm

04-326
155 mm

04-327
195 mm

04-328
80 mm

04-329
105 mm

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

04-325 - 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

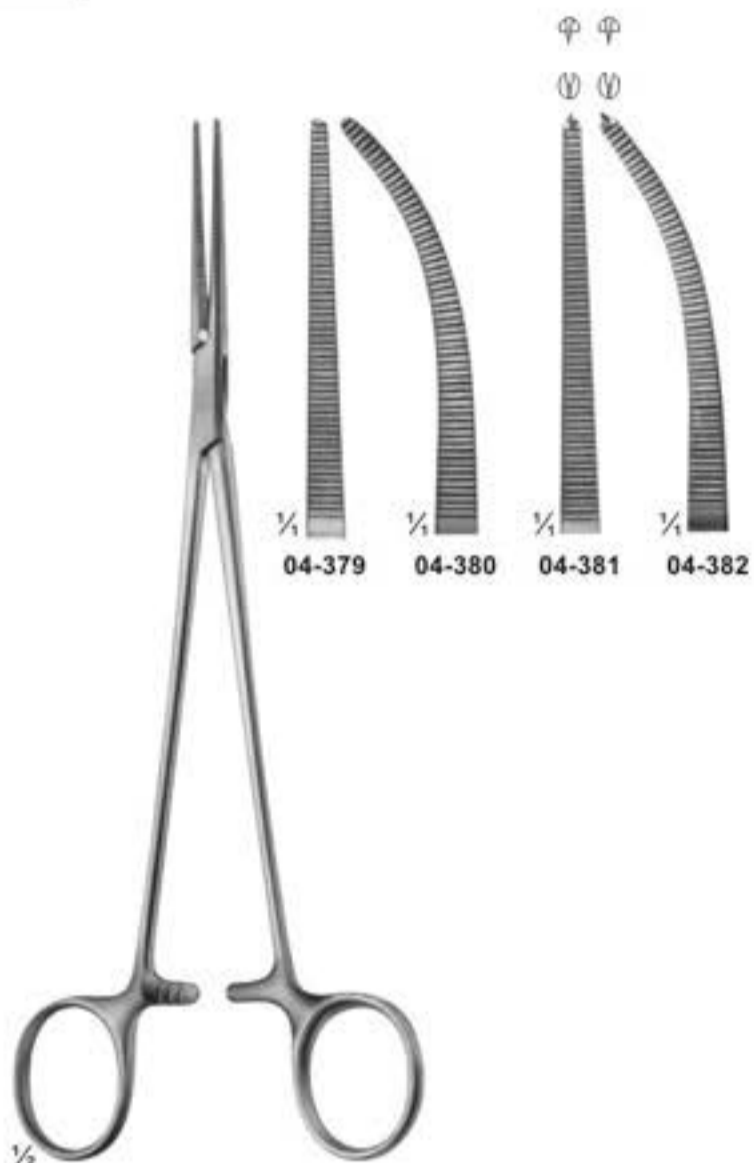
Closing force

						
04-335 straight	04-336 curved	04-337 curved tips	04-338 angled shaped	04-339 MULLER knee-bent	04-340 Muller Ligature Forceps	Jaw, cross serrated
80g 50g	80g 50g	80g 50g	80g 50g	80g 50g	80g 50g	

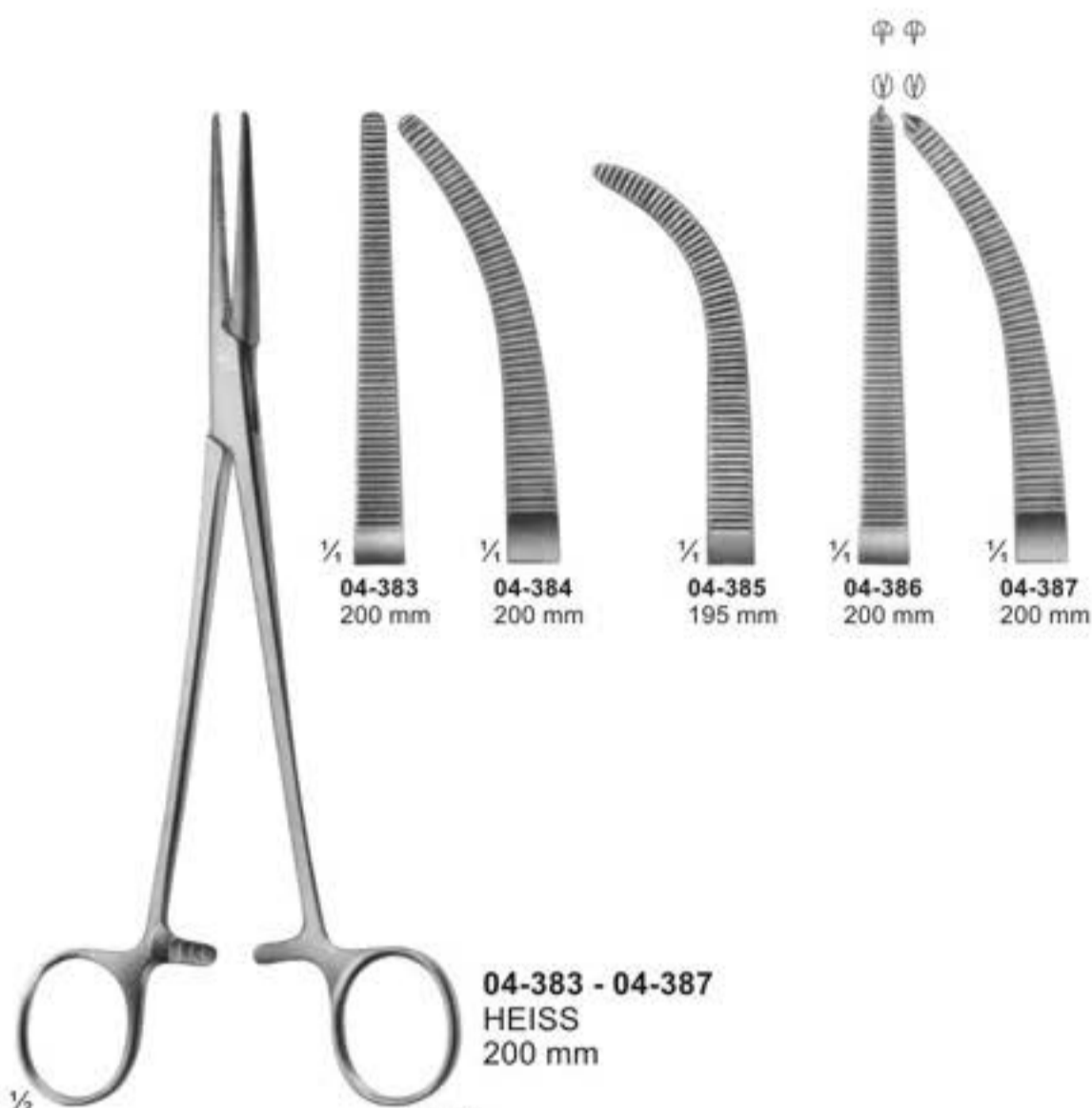
											
04-341 35 mm	04-342 35 mm	04-343 45 mm	04-344 45 mm	04-345 04-346 38 mm 48 mm	04-347 04-348 38 mm 48 mm	04-349 58 mm	04-350 58 mm	04-351 - 04-357 91 mm	04-351 38 mm 04-352 48 mm 04-353 56 mm 04-354 63 mm 04-355 70 mm 04-356 80 mm 04-357 91 mm	04-358 DE BAKEY- HESS 20 mm	

									
04-359 length 50 mm jaws 27 mm	04-360 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 L. 80 mm	04-366 L. 90 mm	04-367 L. 105 mm	04-368 L. 124 mm
						04-369 L. 78 mm	04-370 L. 86 mm	04-371 L. 97 mm	04-372 L. 114 mm

Delicate Haemostatic Forceps



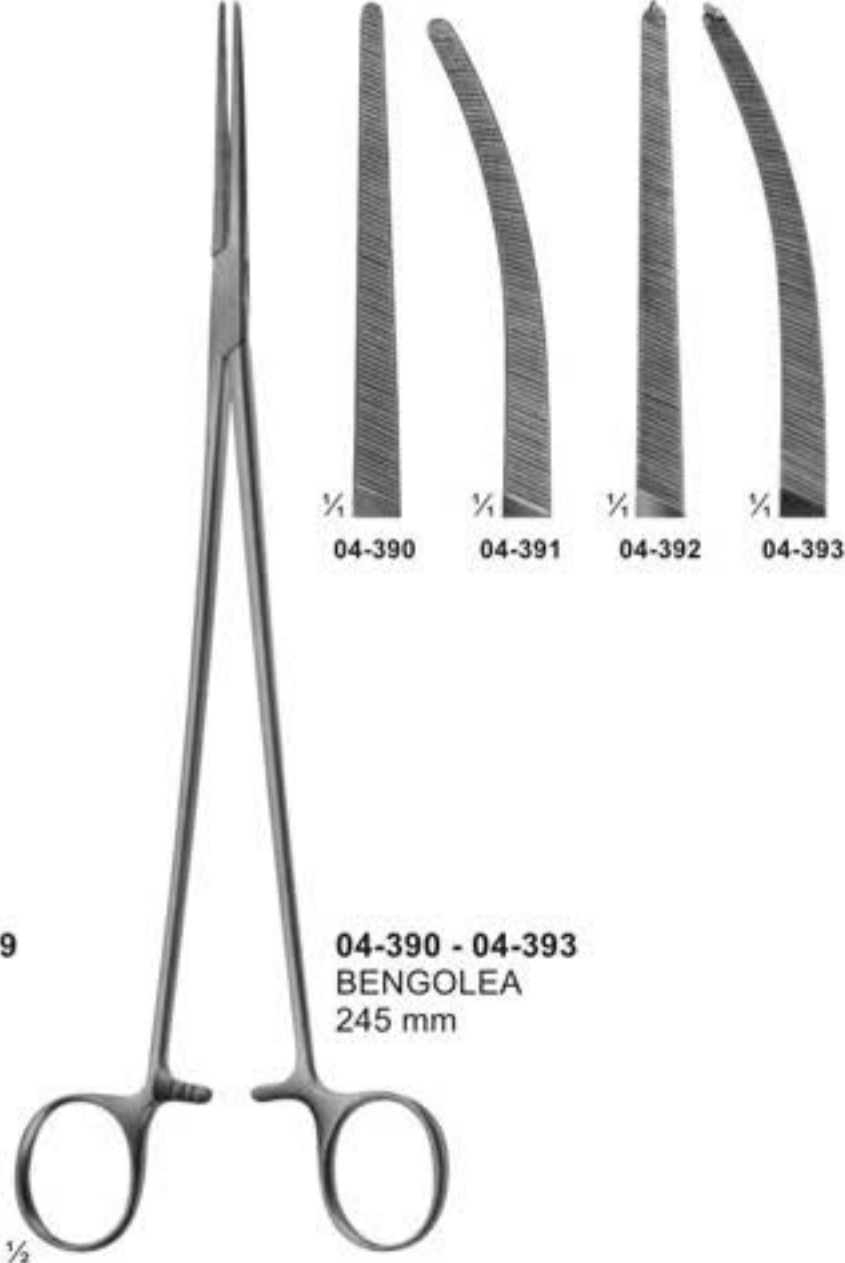
04-379 - 04-382
HALSTED-MOSQUITO
200 mm



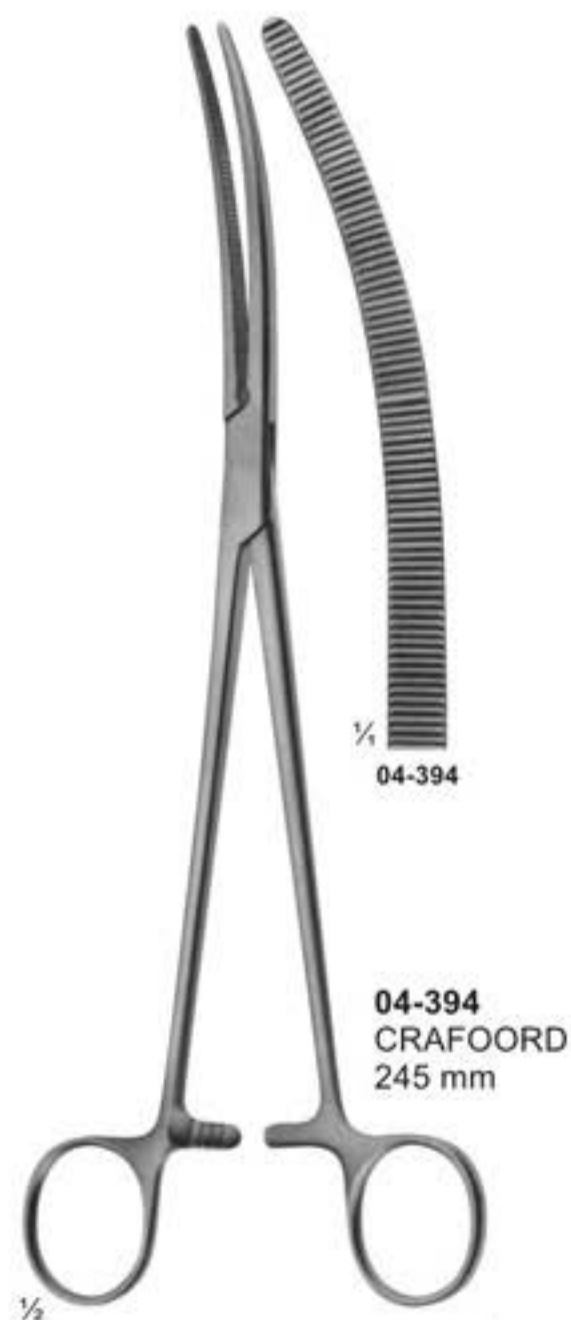
04-383 - 04-387
HEISS
200 mm



04-388 - 04-389
HALSTED
215 mm



04-390 - 04-393
BENGOLEA
245 mm



04-394
CRAFOORD
245 mm

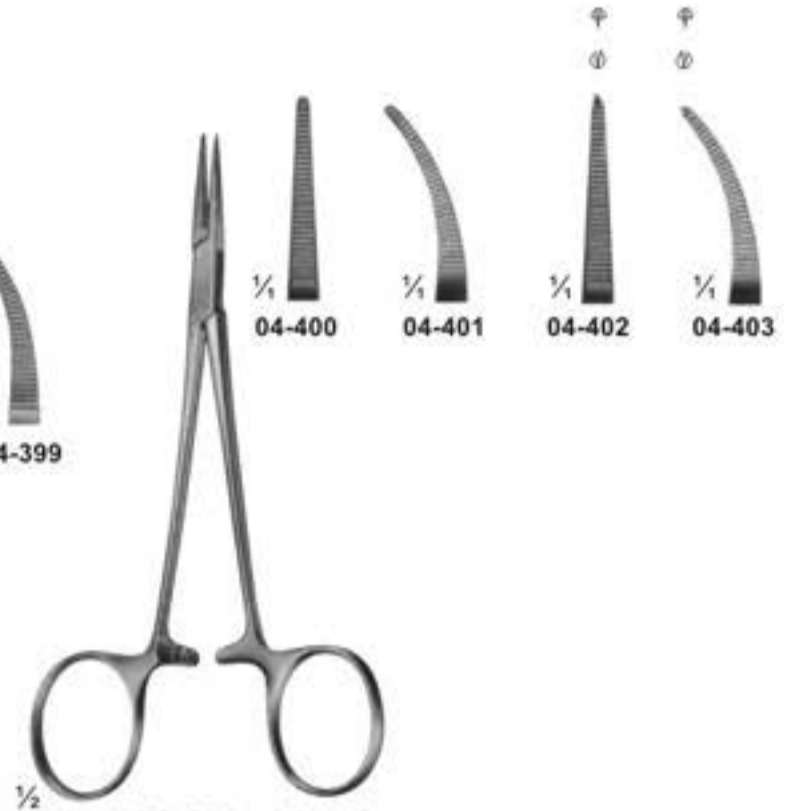
Delicate Haemostatic Forceps



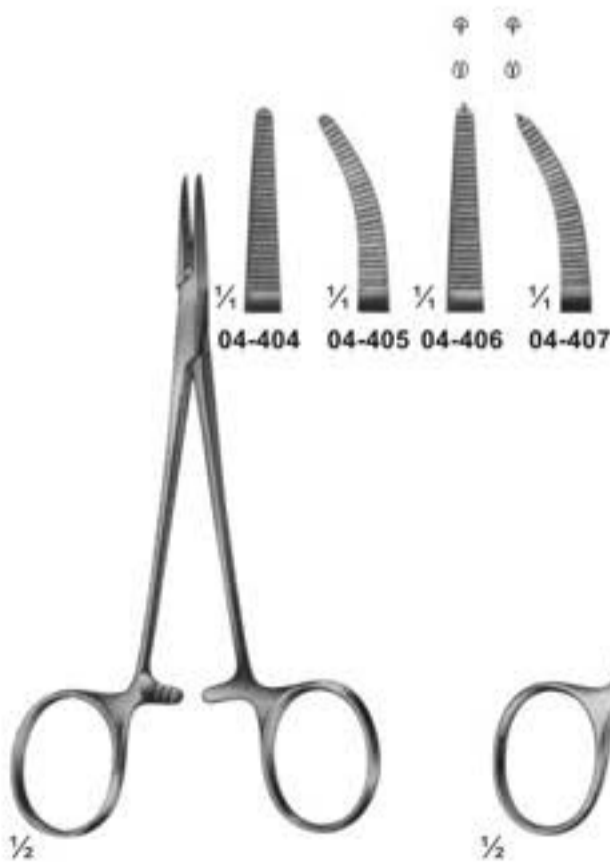
04-395
CARREL
85 mm



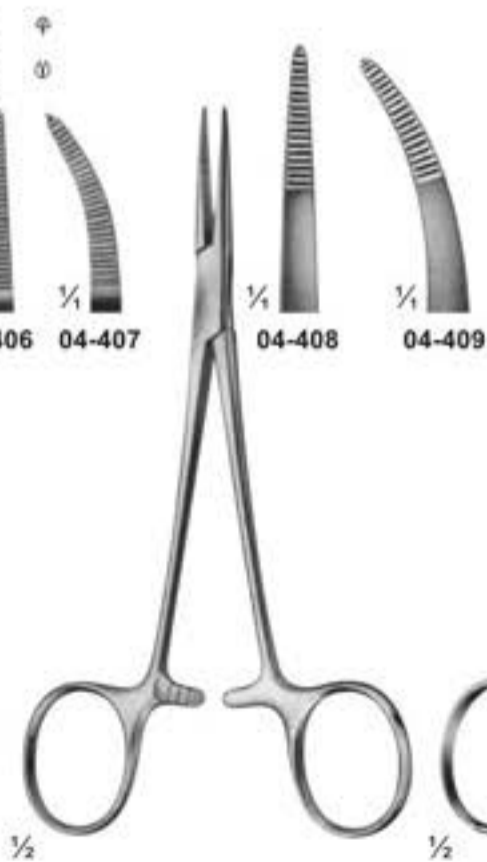
04-396 - 04-399
BABY-MOSQUITO
(HARTMANN)
100 mm



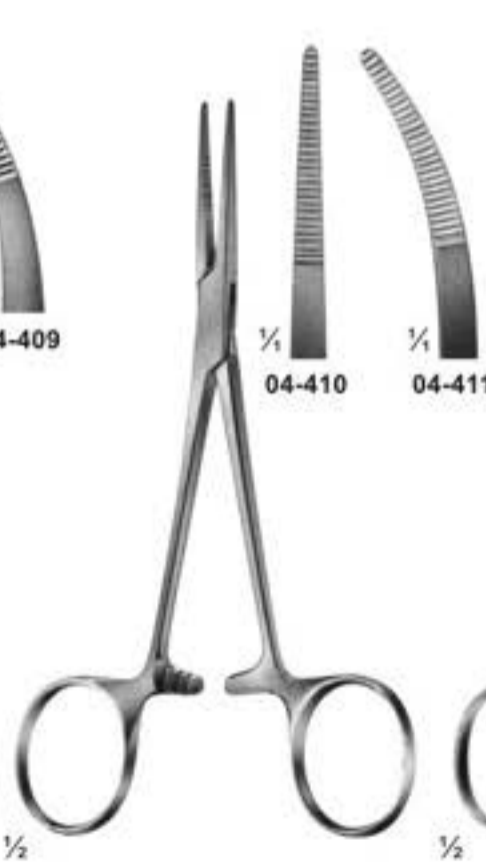
04-400 - 04-403
MICRO-HALSTED
125 mm



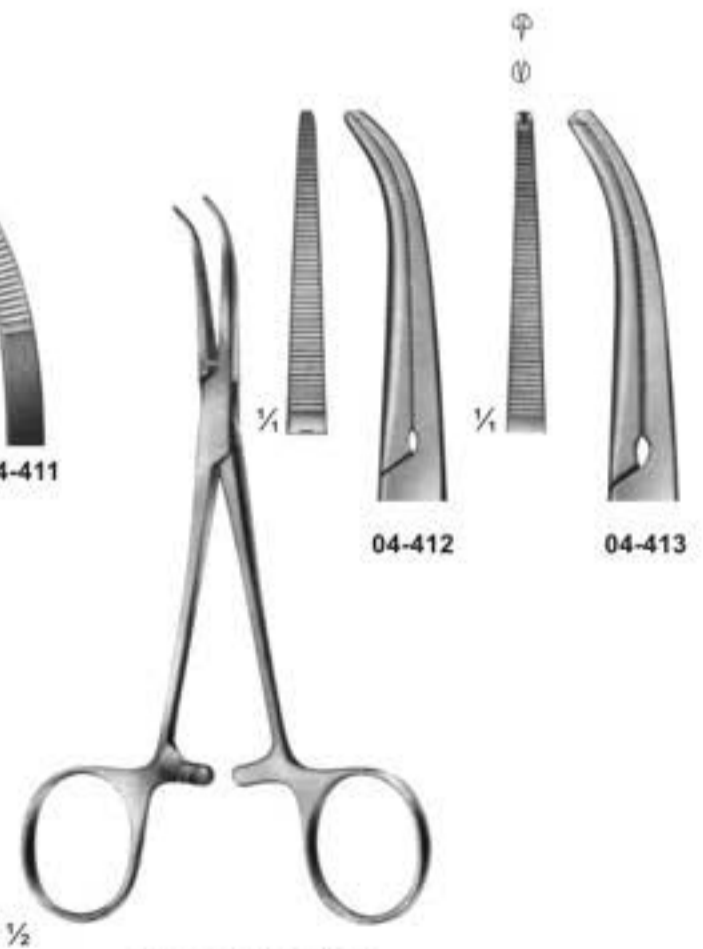
04-404 - 04-407
HALSTED-MOSQUITO
125 mm



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

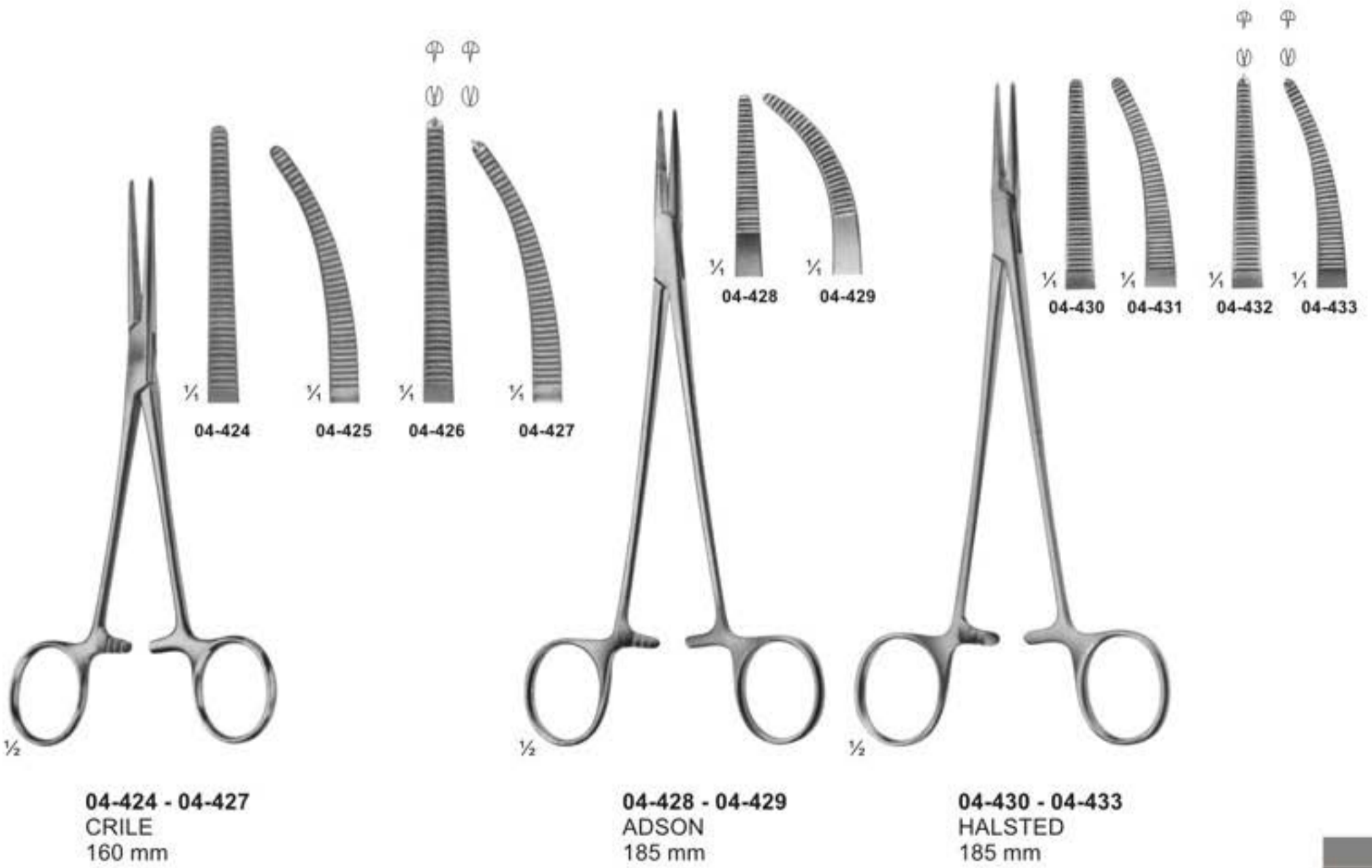
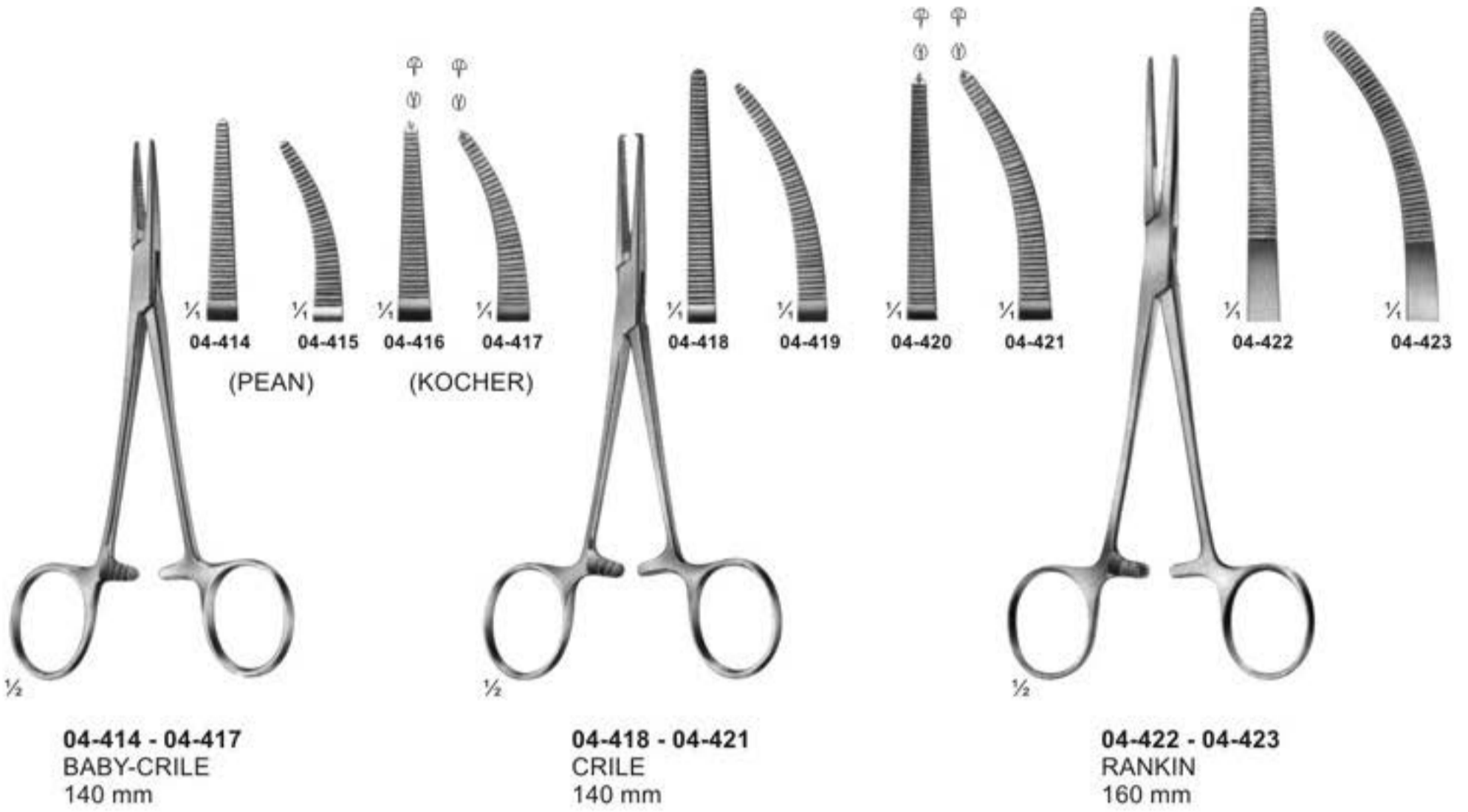


04-410 - 04-411
KELLY
140 mm



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

Delicate Haemostatic Forceps

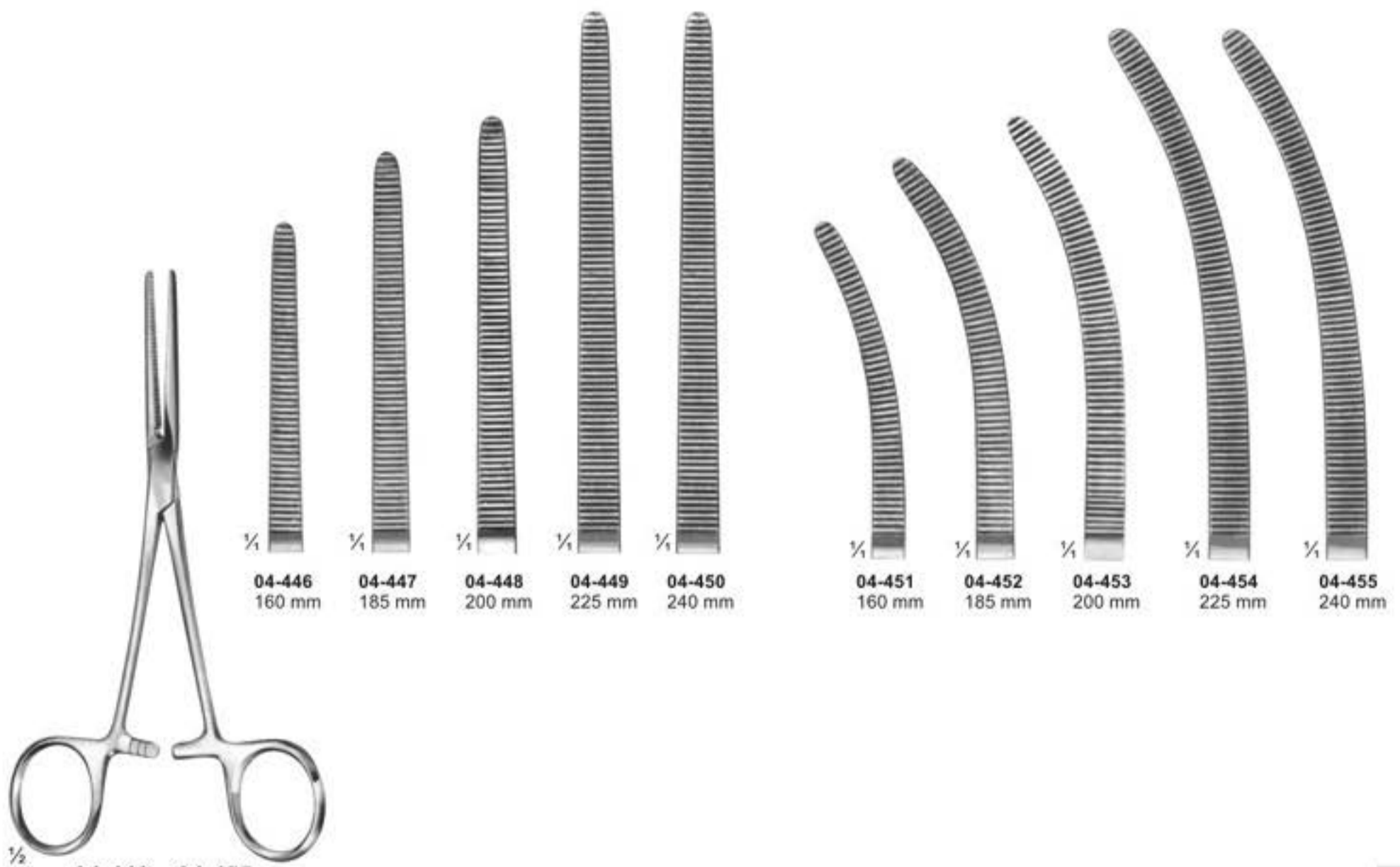


Haemostatic Forceps



04-434 - 04-437
PEAN
Slender type

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

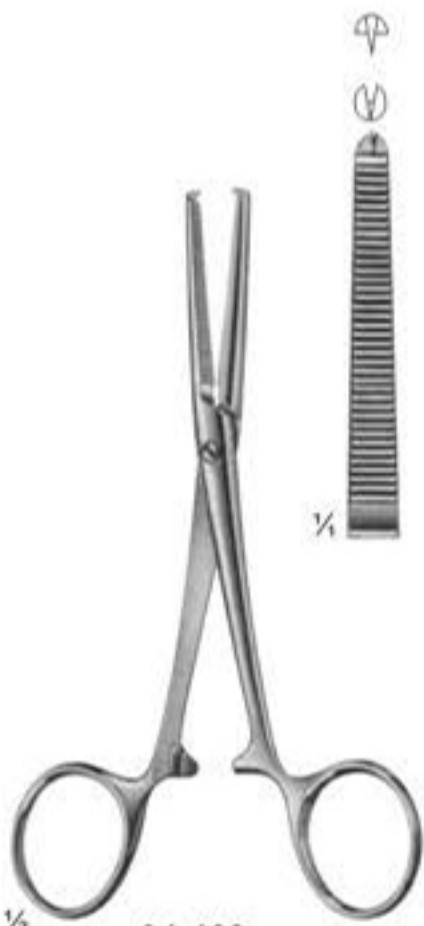
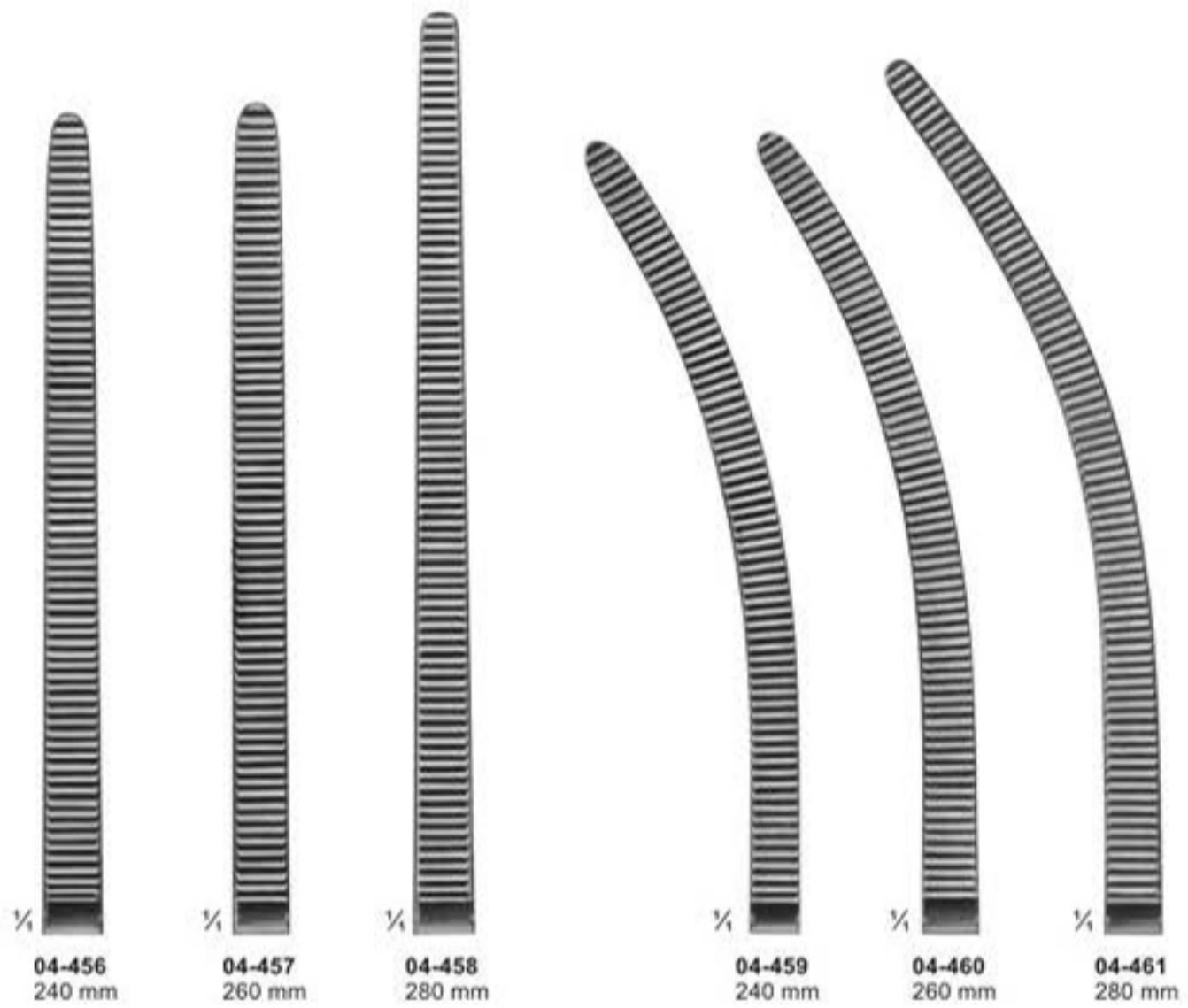


04-446 - 04-455
ROCHESTER-PEAN

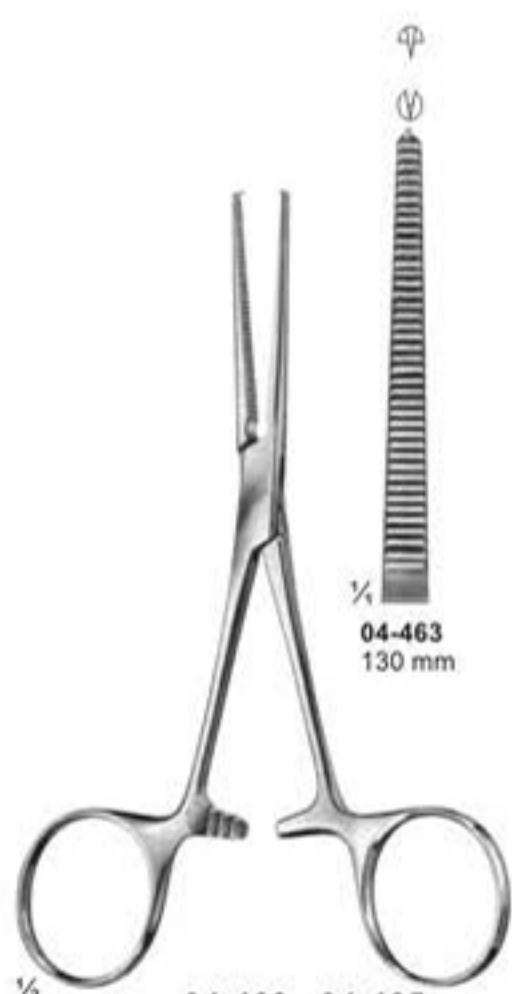
Haemostatic Forceps



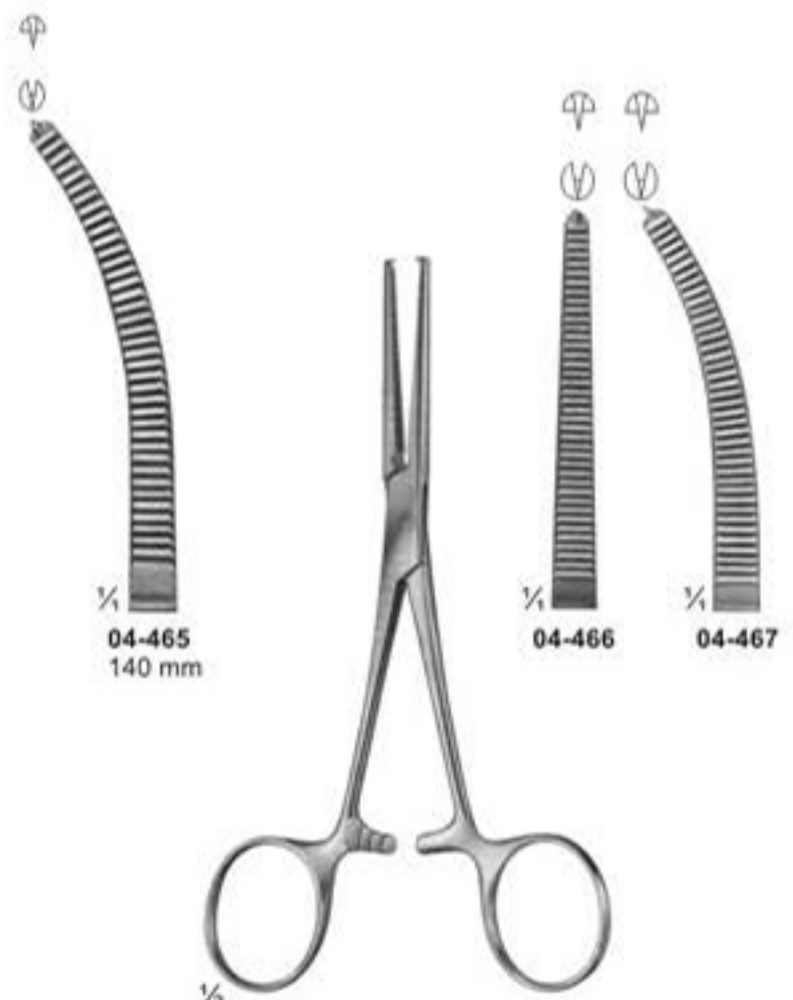
04-456 - 04-461
PEAN



04-462
KOCHER
Strong Pattern
145 mm

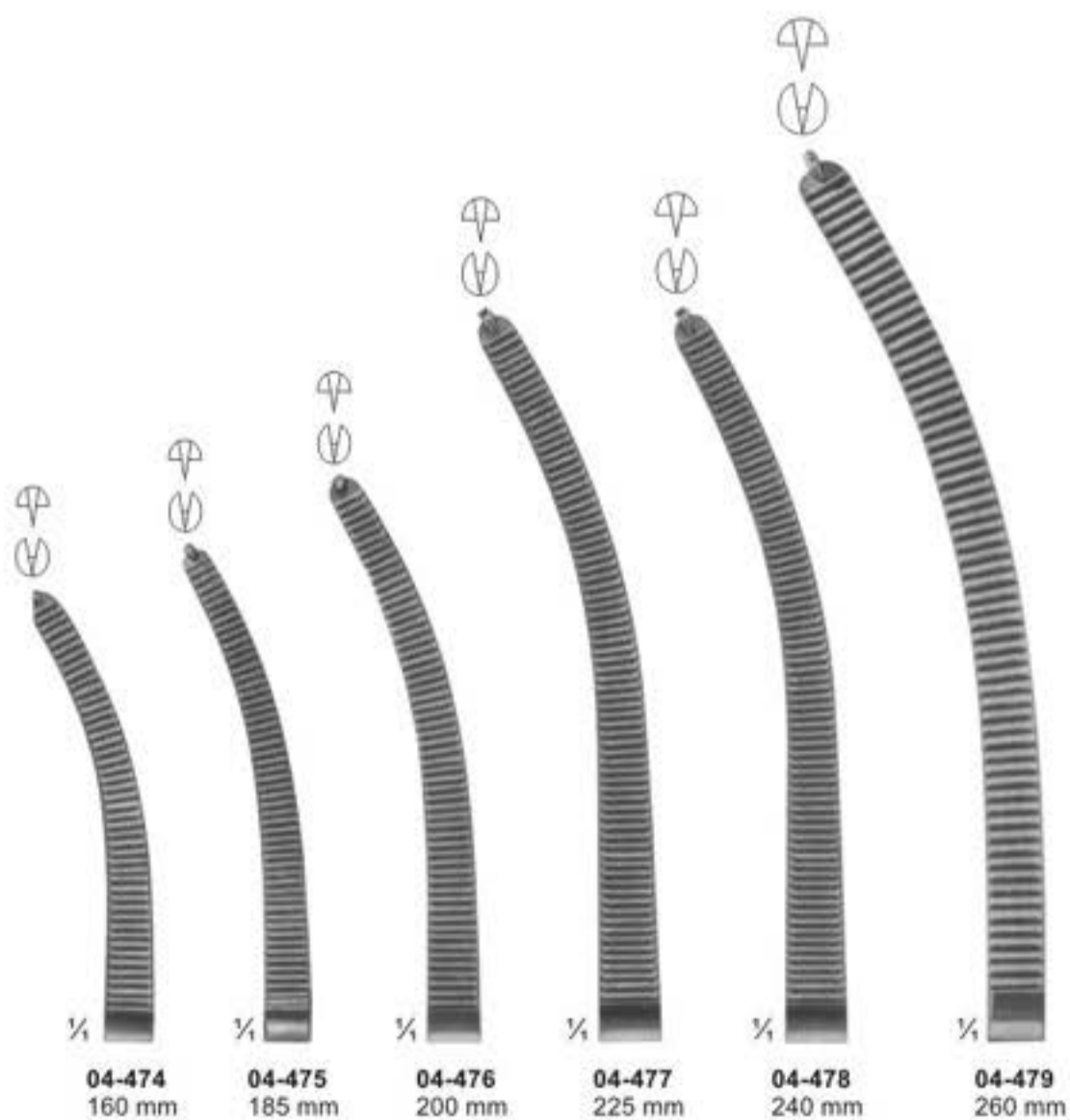
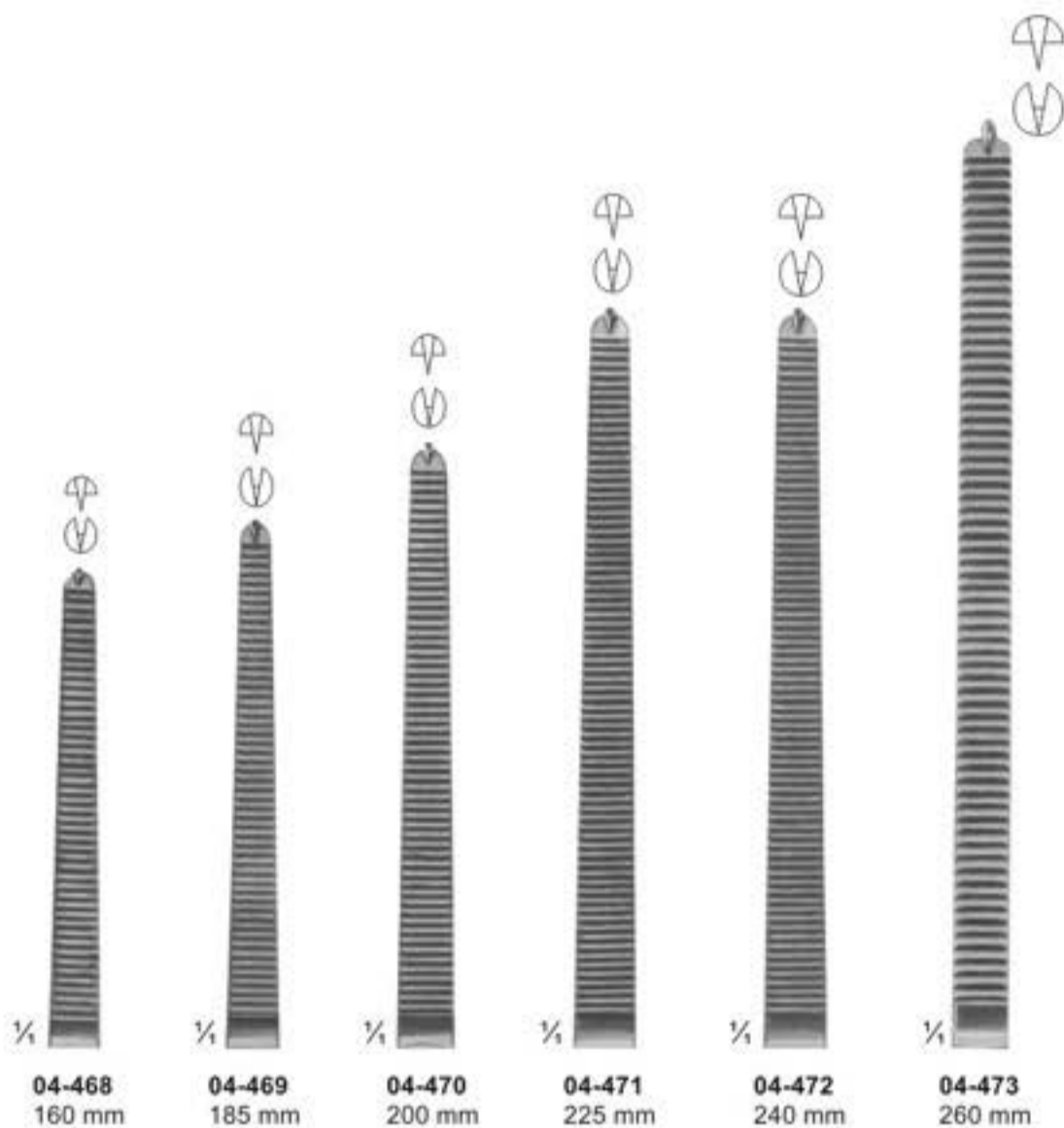


04-463 - 04-465
KOCHER



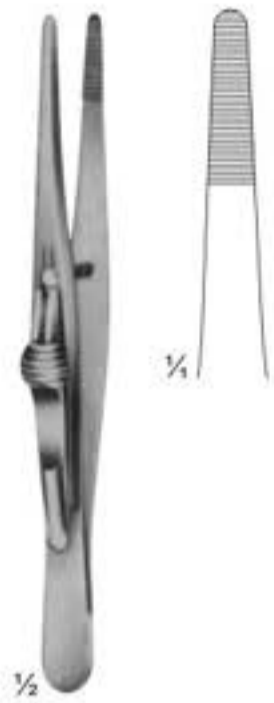
04-466 - 04-467
ROCHESTER-OSHSNER
140 mm

Haemostatic Forceps



04-468 - 04-479
KOCHER-OCHSNER

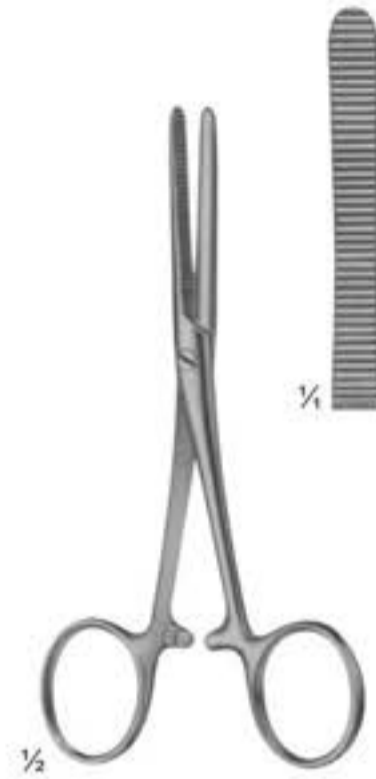
Haemostatic Forceps



04-480
FRICKE
Artery forceps
130 mm



04-481
KRONLEIN
130 mm



04-482
PEAN
125 mm



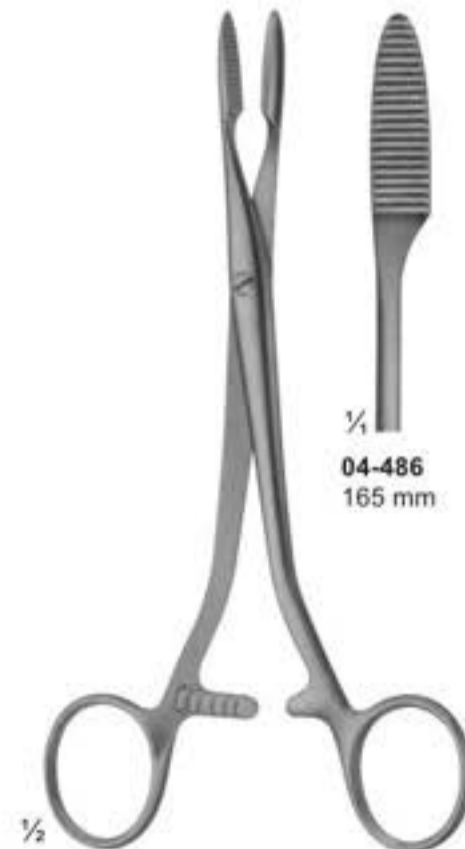
04-483 - 04-484
PEAN



04-484
140 mm



04-485
PEAN
125 mm

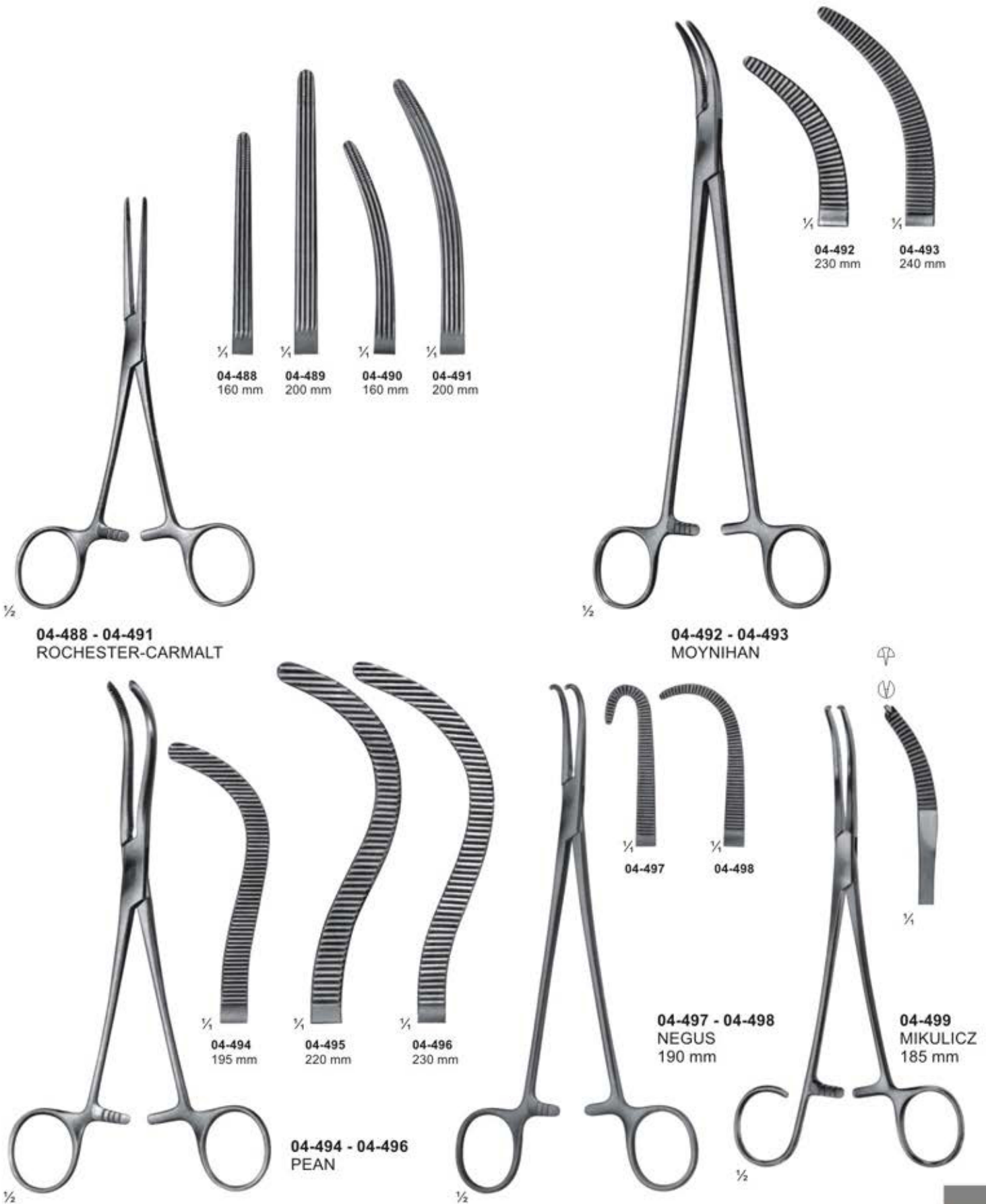


04-486 - 04-487
PEAN



04-487
185 mm

Haemostatic Forceps, Special Pattern, Tonsil Forceps



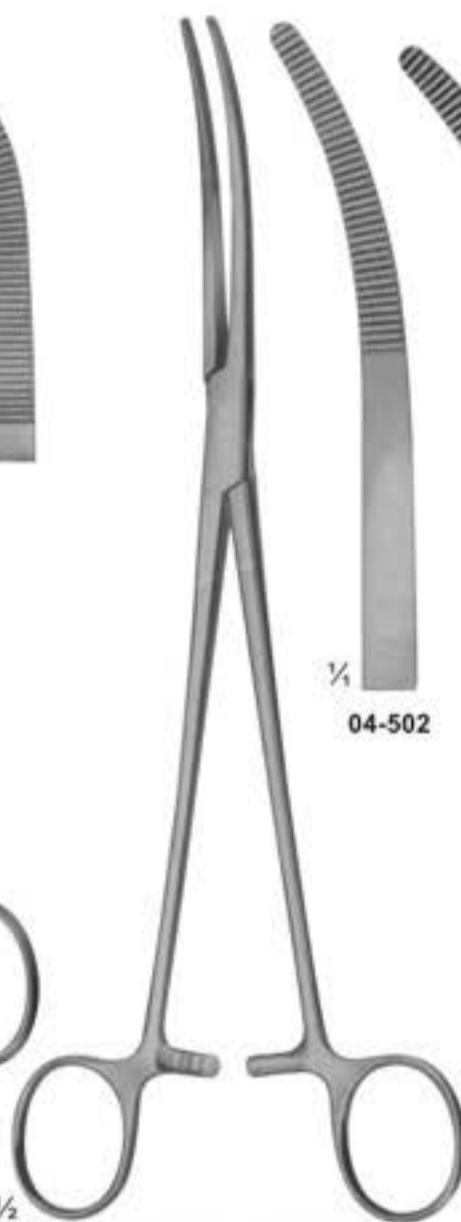
Dissecting- and Ligature Forceps



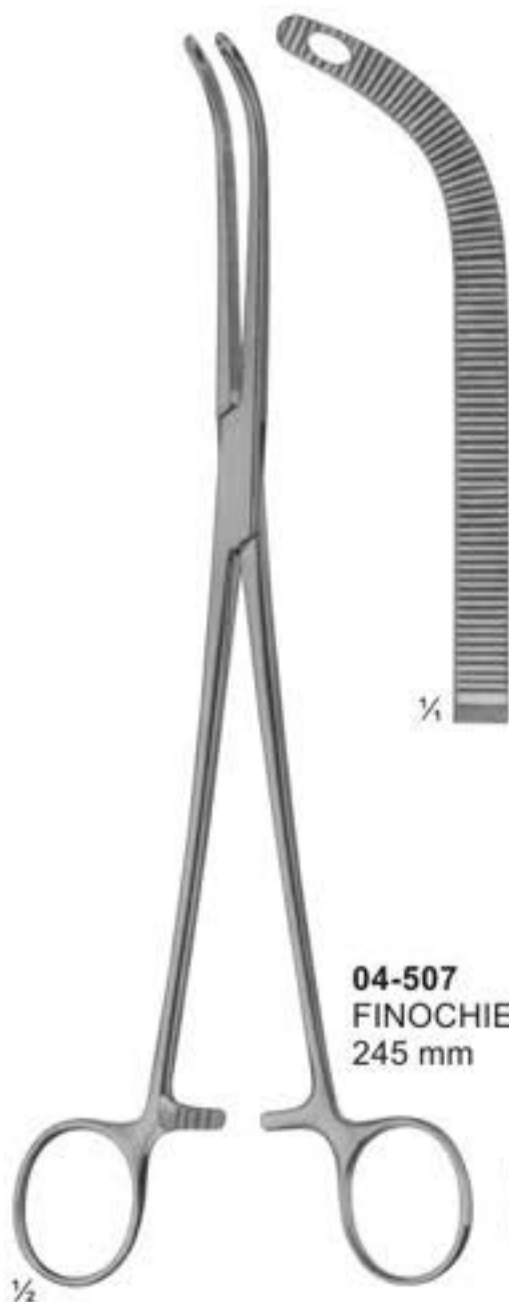
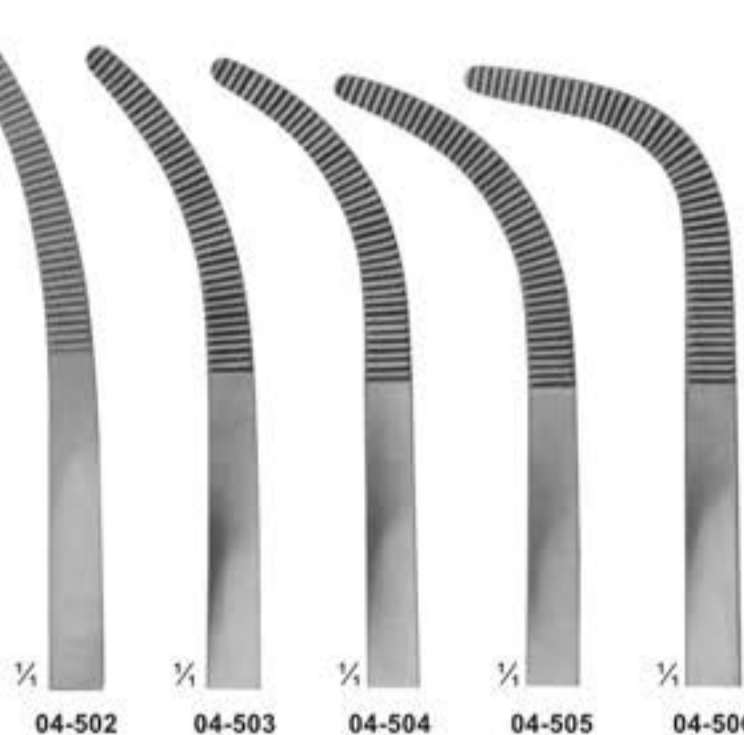
$\frac{1}{2}$
04-500
MIXTER-O'SHAUGNESSY
190 mm



$\frac{1}{2}$
04-501
HEISS
195 mm



$\frac{1}{2}$
04-502 - 04-506
RUMEL
240 mm



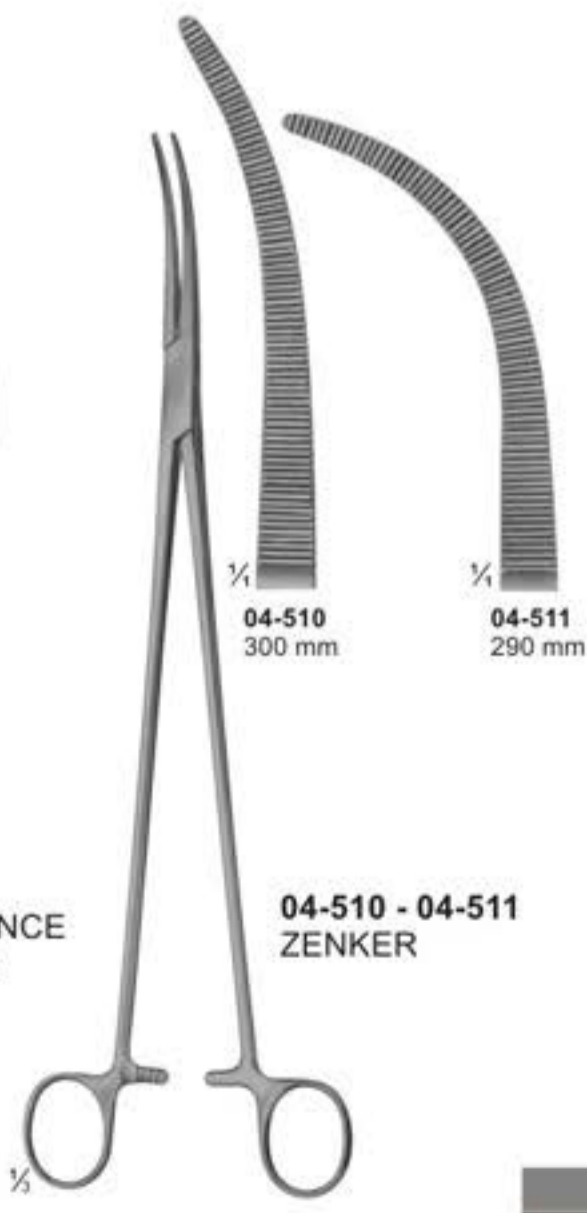
$\frac{1}{2}$
04-507
FINOCHIETTO
245 mm



$\frac{1}{2}$
04-508
MIXTER
230 mm



$\frac{1}{3}$
04-509
LAWRENCE
270 mm



$\frac{1}{3}$
04-510 - 04-511
ZENKER

**Hysterectomy Forceps, Vaginal Clamps
and Compression Forceps**



04-512
WERTHEIM
Hysterectomy forceps
255 mm



1/4



04-513
WERTHEIM
Parametrium clamp
260 mm



1/4



04-514 - 04-516
DICK



1/4

04-514
255 mm

04-515
265 mm

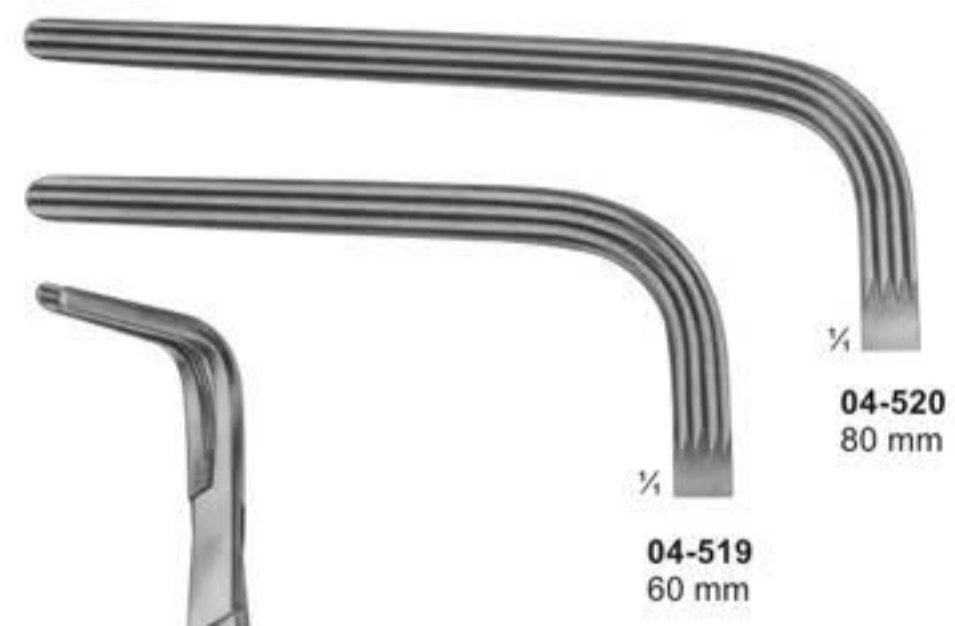
04-516
275 mm

**Hysterectomy Forceps, Vaginal Clamps
and Compression Forceps**



04-517
WERTHEIM
250 mm

1/2



04-519
60 mm

04-520
80 mm

1/4

1/4



04-518
WERTHEIM-CULLEN
215 mm

1/2



04-519 - 04-520
230 mm

1/2

Needle Holders for micro surgery



05-101
ROHRSCHEIDER
with copper inserts
100 mm



05-102
KALT
with catch
135 mm



05-103
ARRUGA
with catch
135 mm



05-104 - 105
CASTROVIEJO
with catch
145 mm



05-106 - 107
without Catch
160 mm



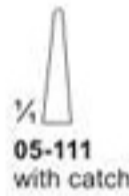
05-108 - 109
without catch
185 mm



05-109



05-110 - 111
JACOBSON
185 mm



05-111
with catch

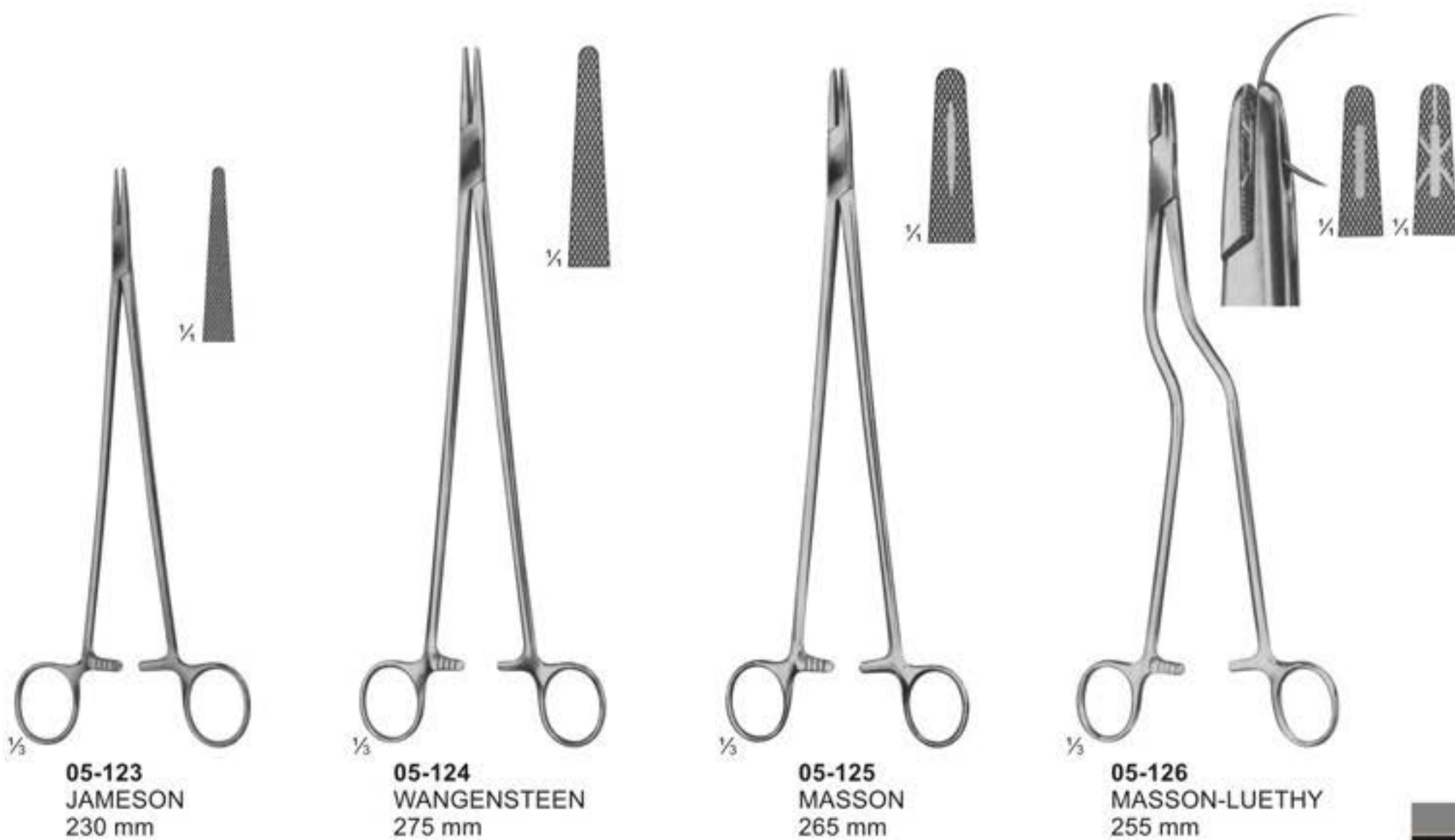


05-112
without catch
195 mm



05-113 - 114
YASARGIL
with catch
200 mm

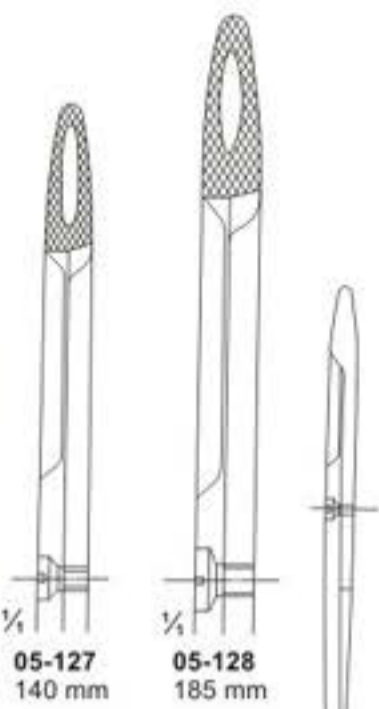
Needle Holders



Needle Holders

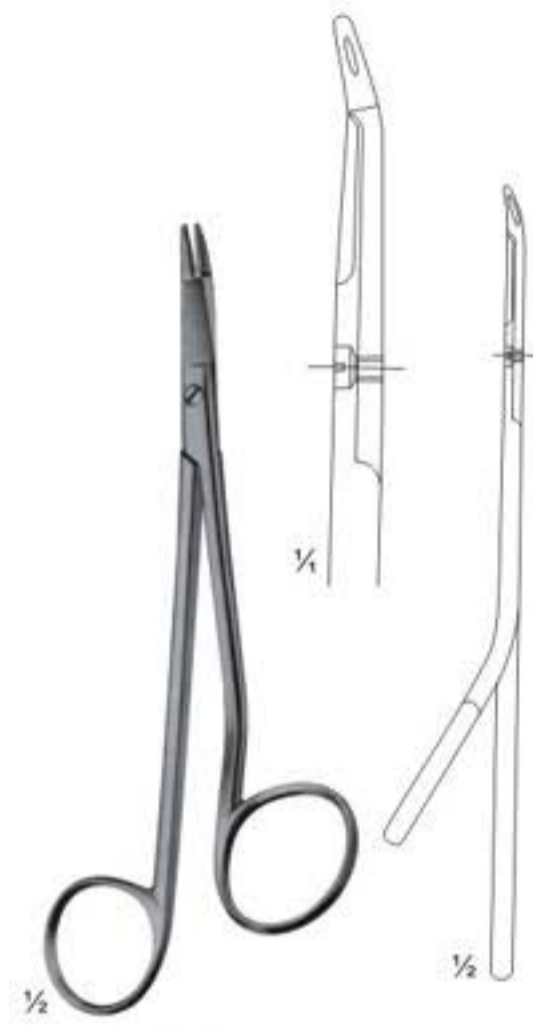


05-127 - 128
HEGAR-OLSEN
255 mm



05-127
140 mm

05-128
185 mm



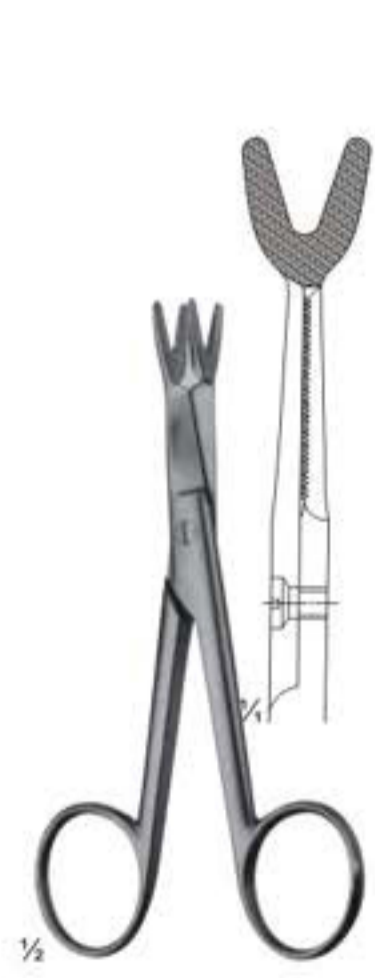
05-129
GILLIES
150 mm



05-130
GILLIES
160 mm



05-131
EISELSBERG
115 mm



05-132
SCHOEMAKER-LOTH
125 mm

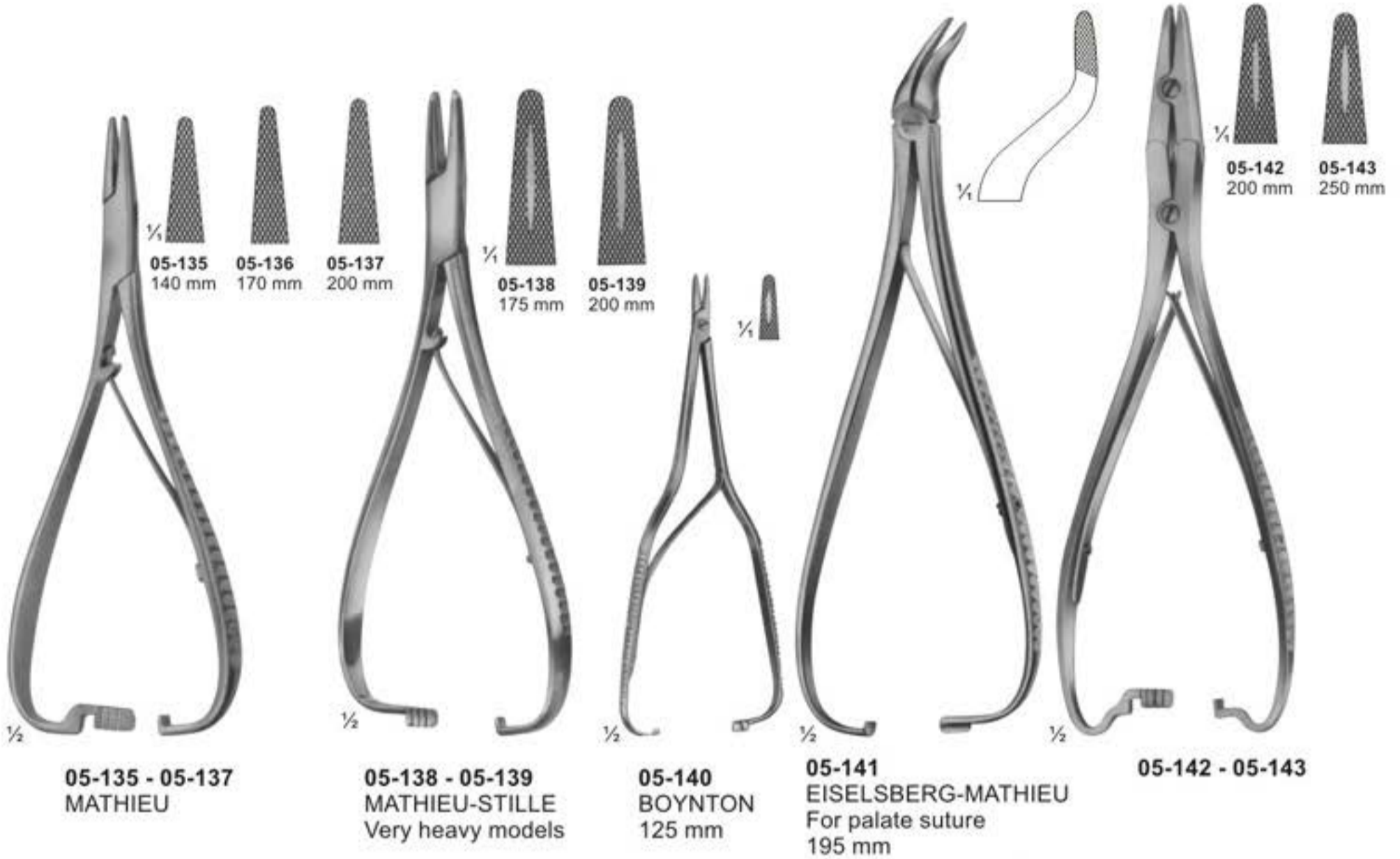


05-133
CRILE
150 mm

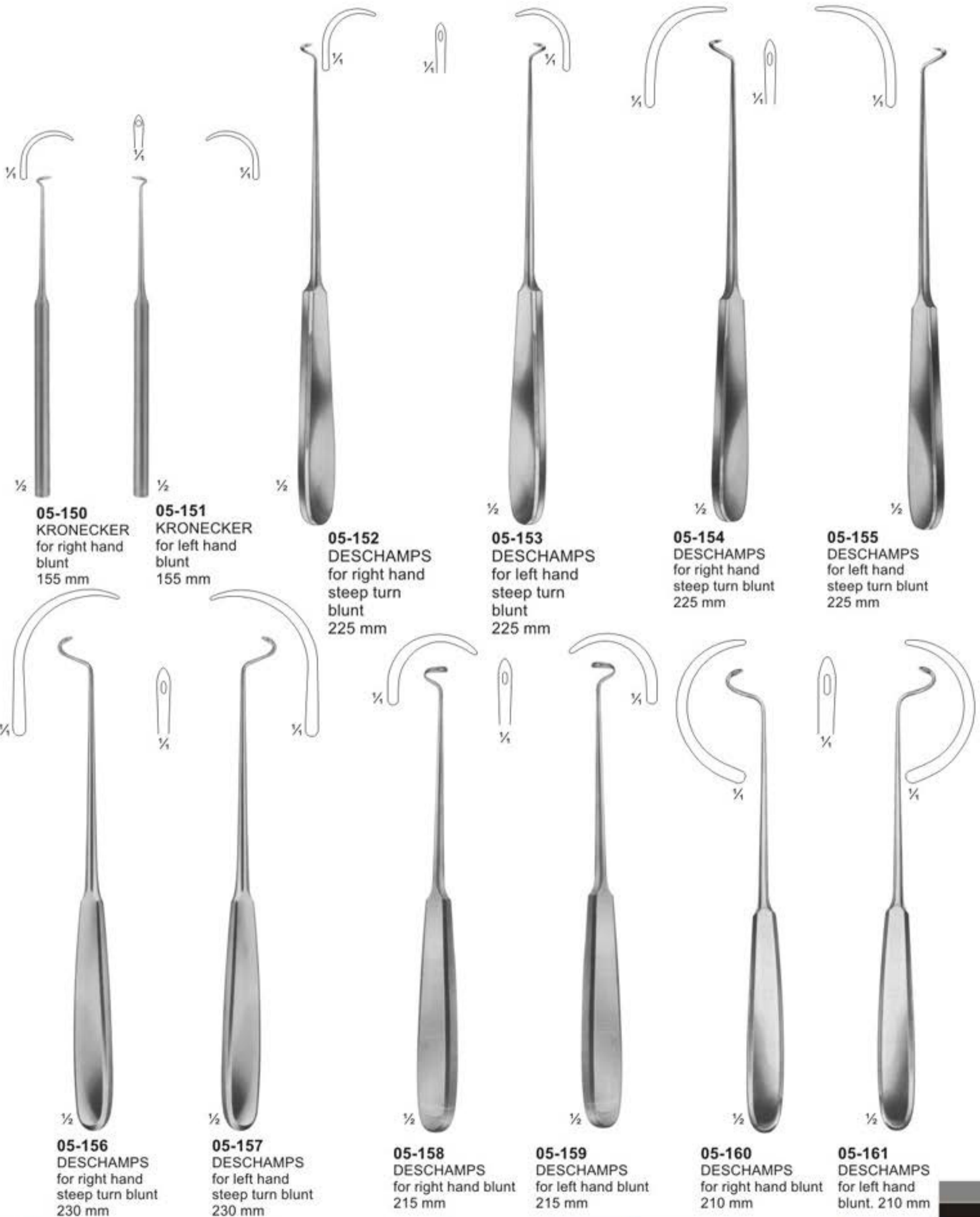


05-134
TOENNIS
Elastic pattern for dura-or
intestinal suture. 180 mm

Needle Holders



Suture Instruments - Reverdin Needles



Probes



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



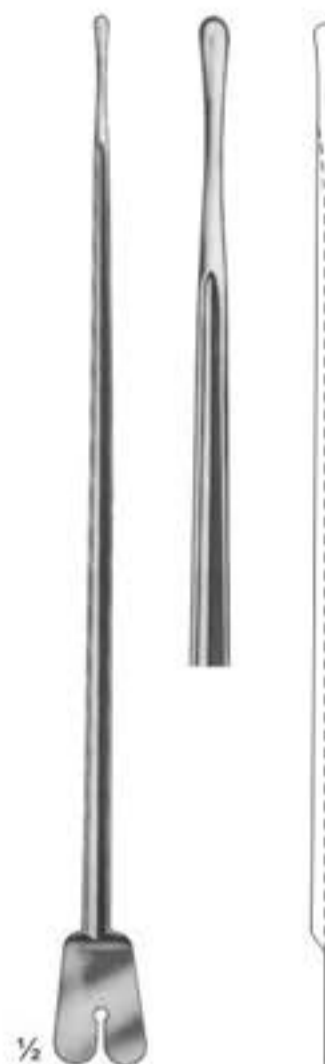
05-165
DOYEN
145 mm
Directors



05-166
NELATON
160 mm
Directors



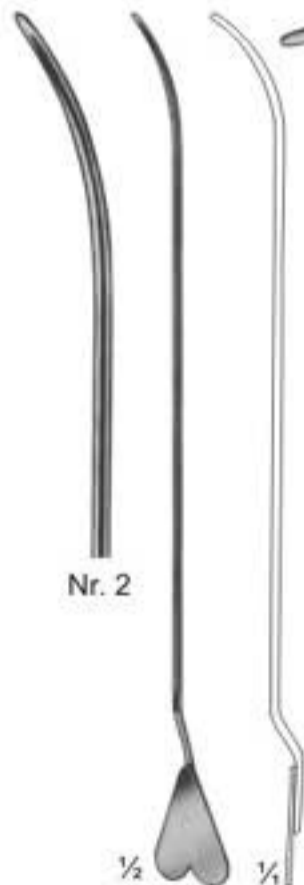
05-167
Director with tip
Diam. Of tip 3,3 mm
140 mm



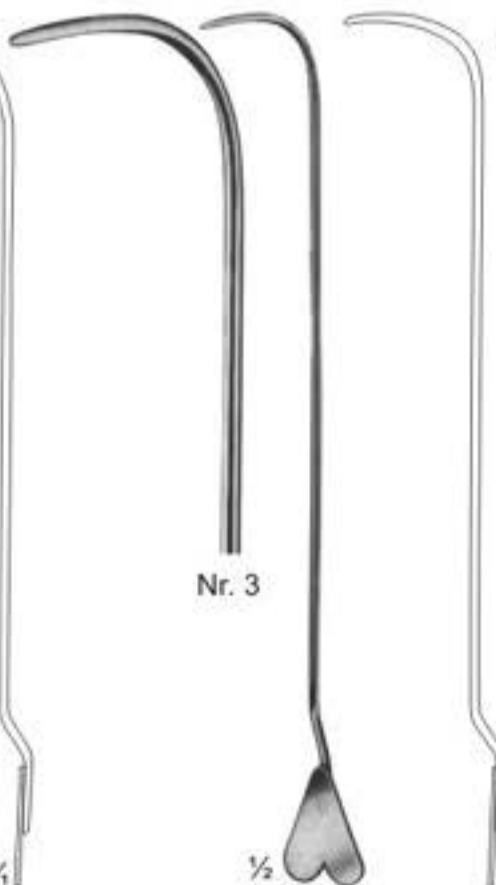
05-168
BRODIE
Director with tip,
Diam. Of tip 3,5 mm
200 mm



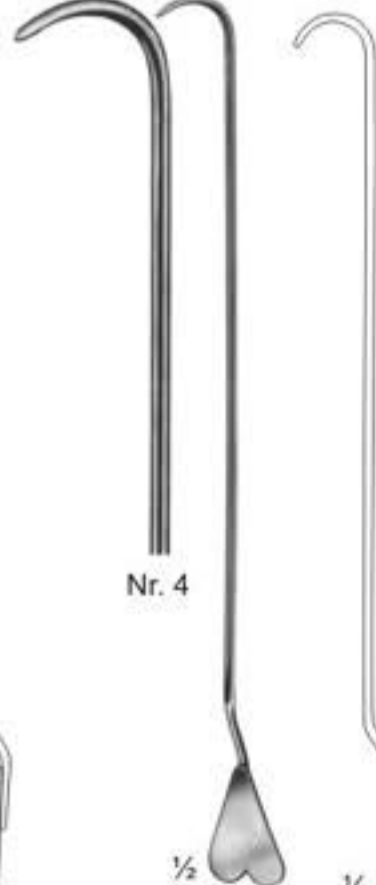
05-169
LOCKHART-MUMMERY
165 mm



05-170
LOCKHART-MUMMERY
165 mm



05-171
LOCKHART-MUMMERY
165 mm



05-172
LOCKHART-MUMMERY
165 mm



05-173
Director with wire
loop, malleable
190 mm

Probes



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



05-177
Myrtle leaf probe
145 mm



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



05-183
Probes



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



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



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

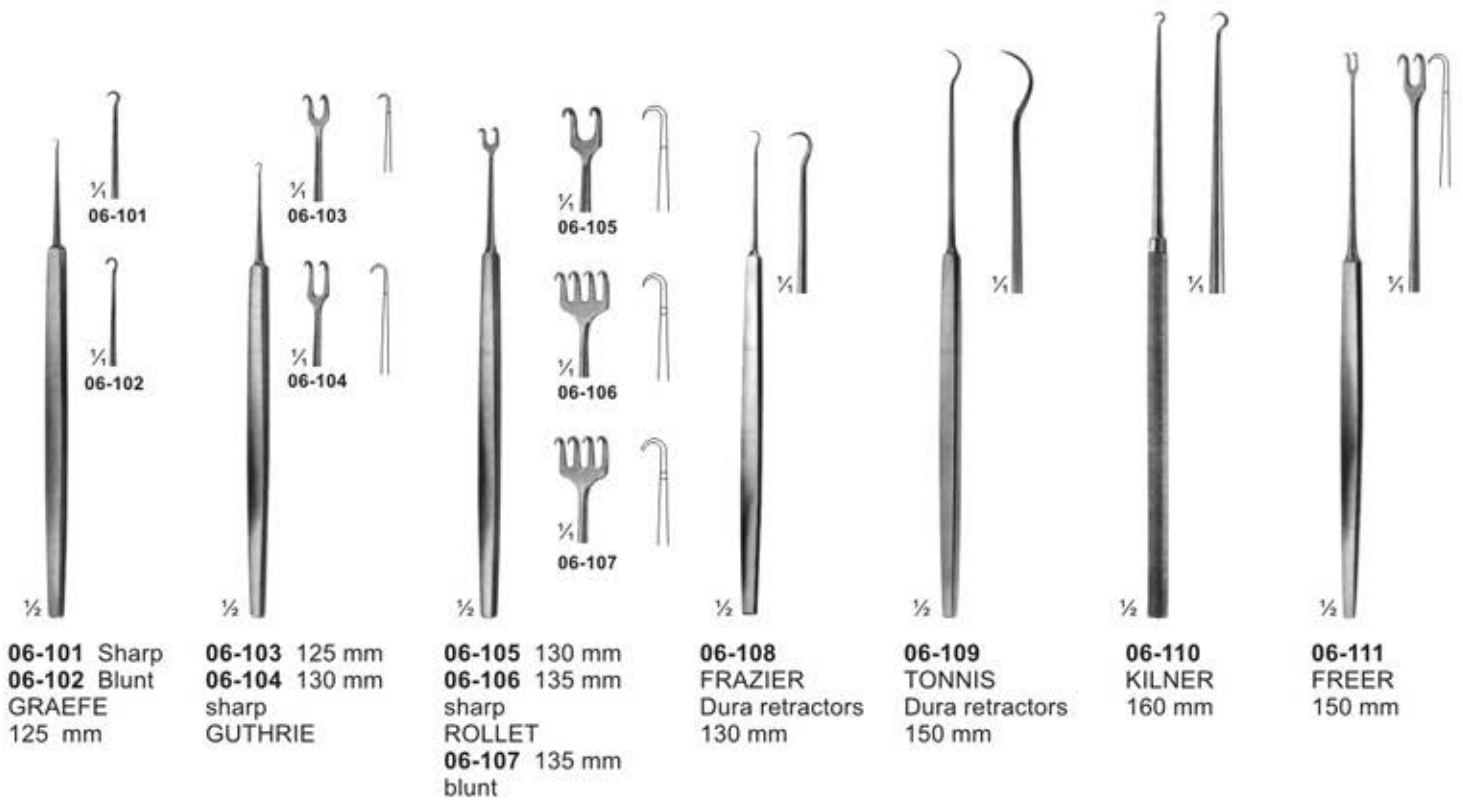
1 MAYO-HÉGER needle holder, 150mm
1 MICHEL clip forceps, combined
1 Myrtle leaf probe, 130mm
1 Sharp double curette
1 Skin hook
1 Detachable scalpel handle, no. 4
1 Perforated metal case, consisting
6 Scalpel blades
1 Perforated metal case, stainless, consisting:
1 Suture needle
1 item, & 1 item

Top tray

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



Fine Wound Retractors (Dura- and Skin Retractors)



06-101 Sharp
06-102 Blunt
GRAEFE
125 mm

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

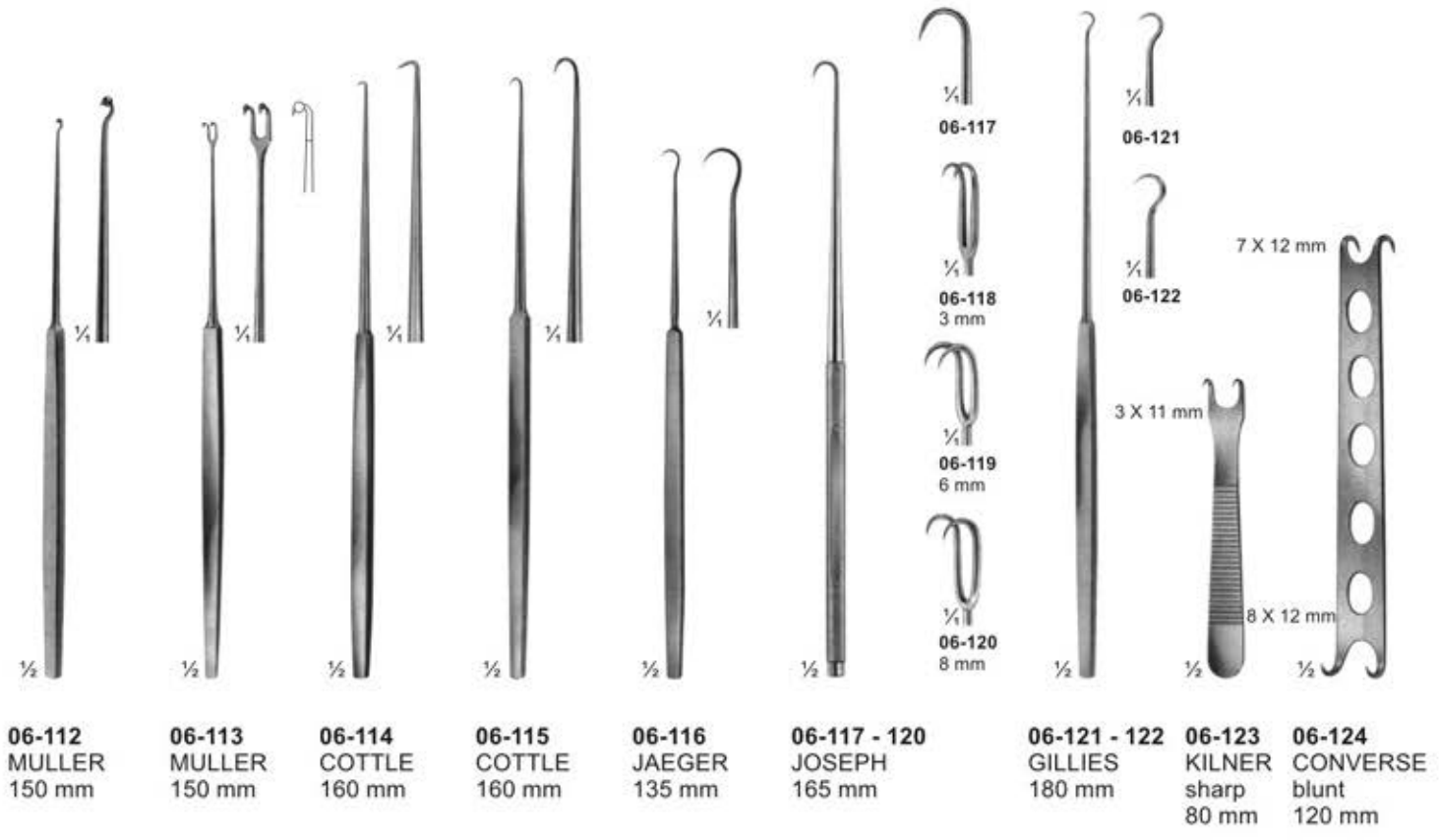
06-105 130 mm
06-106 135 mm
sharp
ROLLET
06-107 135 mm
blunt

06-108
FRAZIER
Dura retractors
130 mm

06-109
TONNIS
Dura retractors
150 mm

06-110
KILNER
160 mm

06-111
FREER
150 mm



06-112
MULLER
150 mm

06-113
MULLER
150 mm

06-114
COTTLE
160 mm

06-115
COTTLE
160 mm

06-116
JAEGER
135 mm

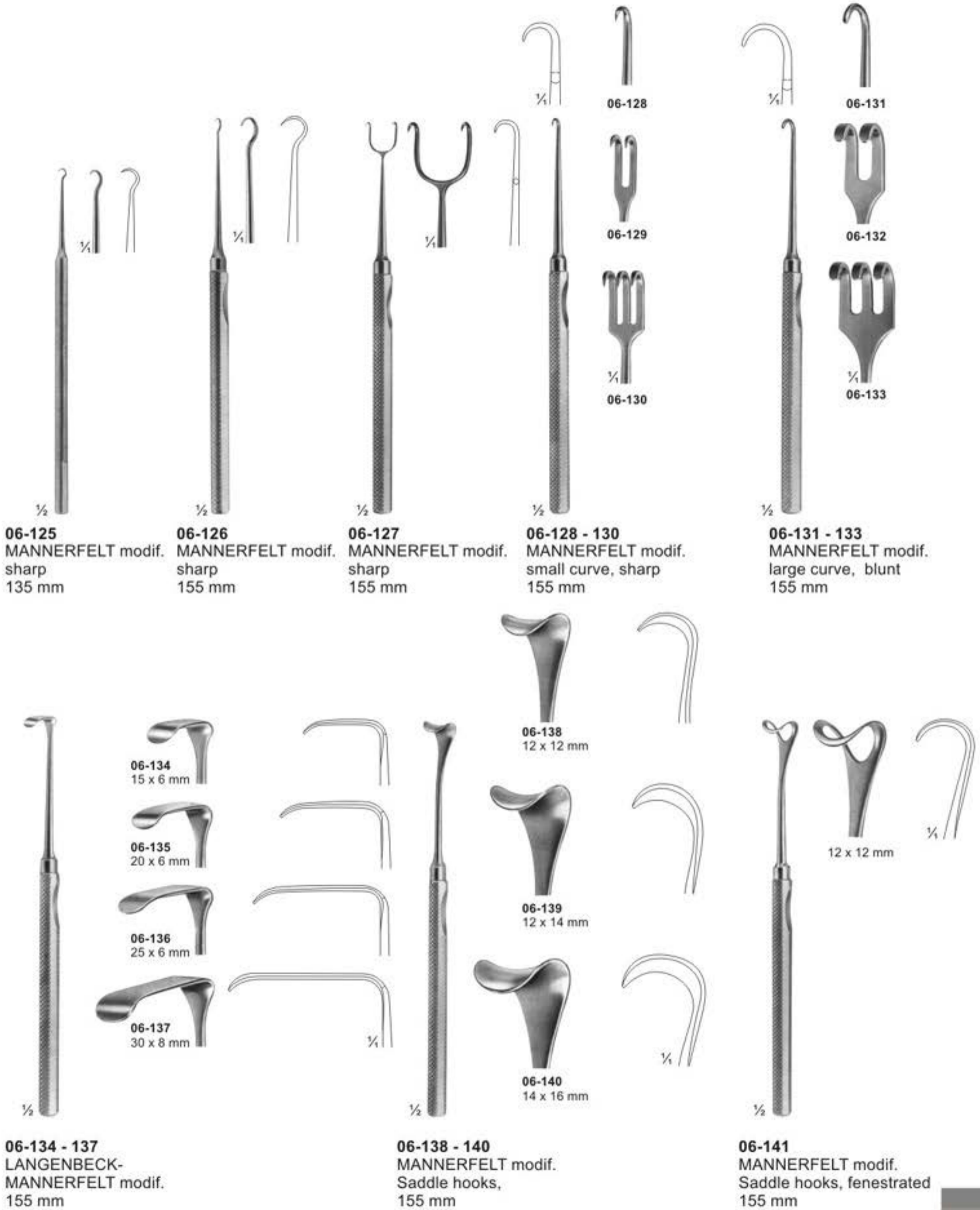
06-117 - 120
JOSEPH
165 mm

06-121 - 122
GILLIES
180 mm

06-123
KILNER
sharp
80 mm

06-124
CONVERSE
blunt
120 mm

Retractors With treangle handle



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



1/4
06-146
11 x 14 mm

1/2
06-144 - 148
DESMARRES
140 mm



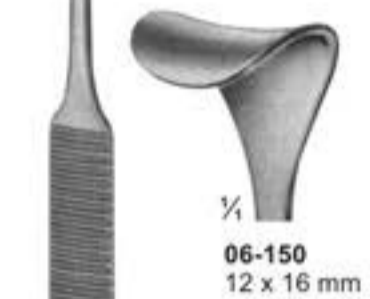
06-147
12 x 16 mm



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



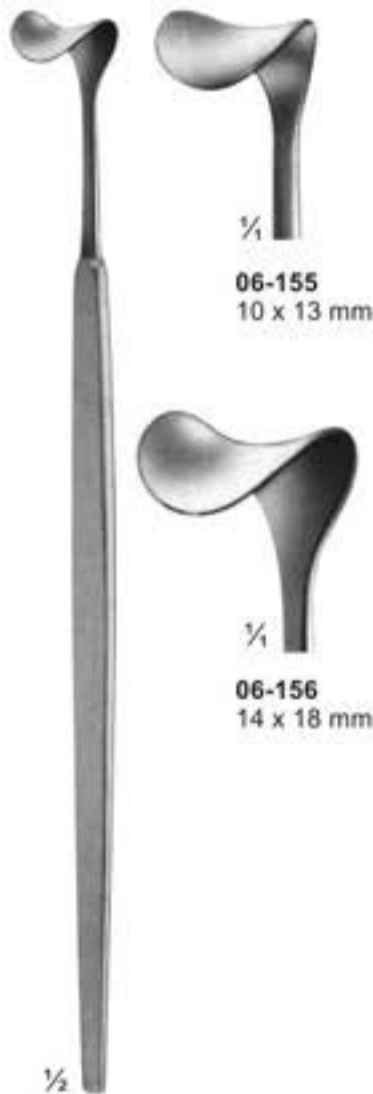
1/4
06-153
20 x 15 mm



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



Bone Retractors and Retractors



06-184
KOCHER
sharp
205 mm



06-185
KOCHER
sharp
220 mm



06-186
KOCHER
sharp
220 mm



06-187
VOLKMANN
blunt
220 mm



06-188
VOLKMANN
sharp
220 mm



06-189 - 06-196
VOLKMANN
225 mm



06-189
9 x 8 mm



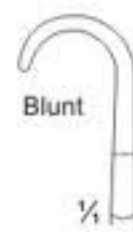
06-190
9 x 13 mm



06-191
9 x 19 mm



06-192
9 x 29 mm



06-193
8,5 x 8 mm



06-194
8,5 x 13 mm



06-195
8,5 x 19 mm



06-196
8,5 x 29 mm

Retractors



$\frac{1}{2}$
06-197 - 06-199
MIDDELDORPF



$\frac{1}{2}$
06-197
15 x 15 mm
220 mm



$\frac{1}{2}$
06-198
20 x 22 mm
215 mm



$\frac{1}{2}$
06-199
28 x 28 mm
235 mm



$\frac{1}{4}$



$\frac{1}{4}$



$\frac{1}{4}$



$\frac{1}{2}$
06-200
BUCHS
205 mm



38 x 18 mm

$\frac{1}{4}$



67 x 17 mm

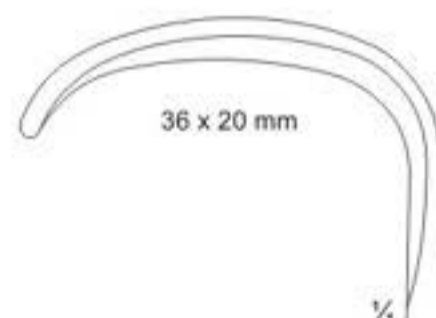
$\frac{1}{4}$



$\frac{1}{2}$
06-201
CASPAR
210 mm



$\frac{1}{2}$
06-202
KOCHER
230 mm



36 x 20 mm

$\frac{1}{4}$

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

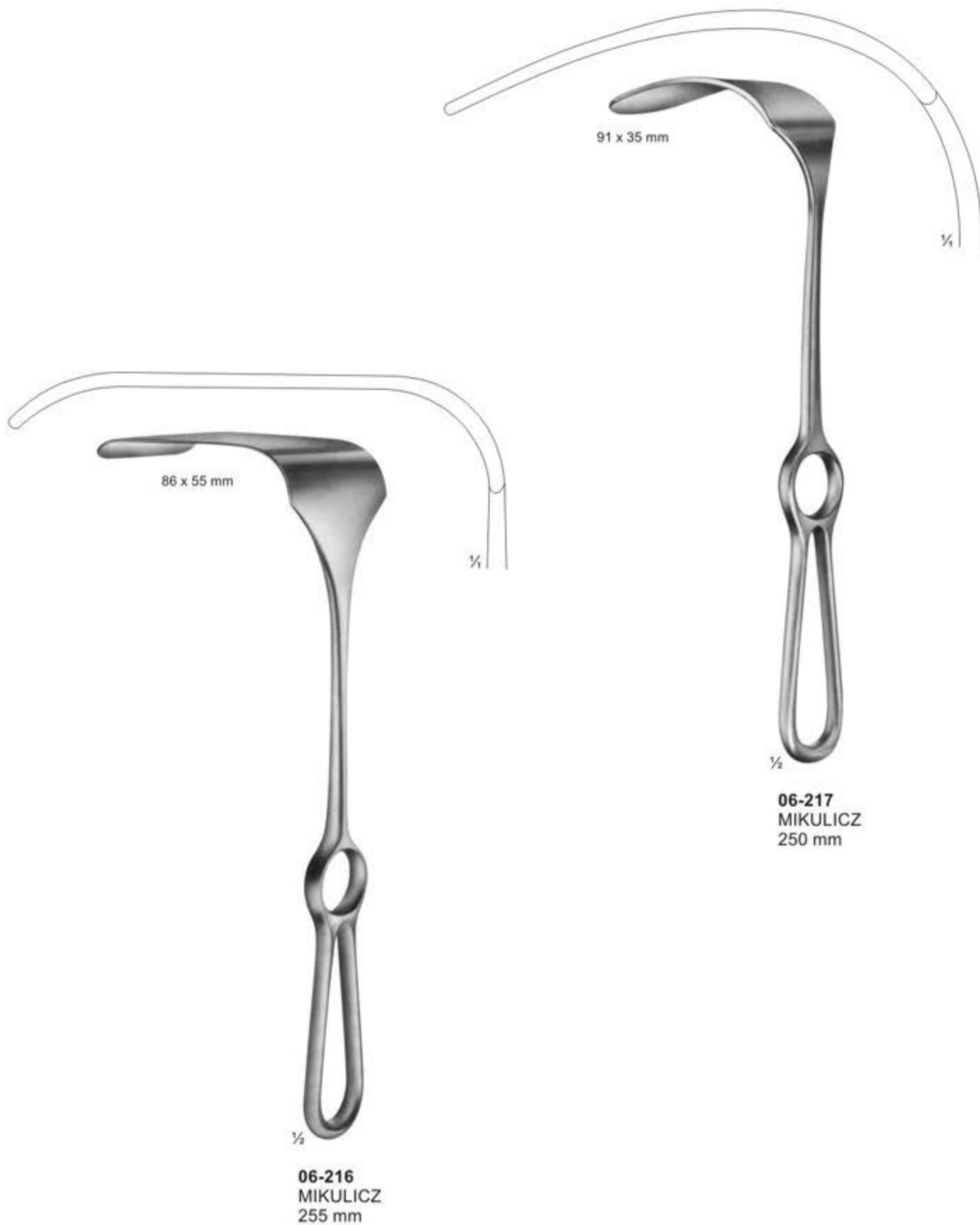


06-210
Handle with cold light carrier for retractor blades. 280 mm

Retractors, Lung Spatulas



Retractors for deep surgery
(Abdominal Retractors)



Retractors, Abdominal Retractors



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

06-218 - 06-228
 DOYEN
 240 mm

06-229 - 06-233
 FRITSCH
 240 mm

06-234
 DOYEN
 250 mm

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

Abdominal- and Intestinal Spatulas
Bauch- und Darmspatel



06-235
LERICHE
255 mm

06-236
KUMMEL
Mealleable
285 mm

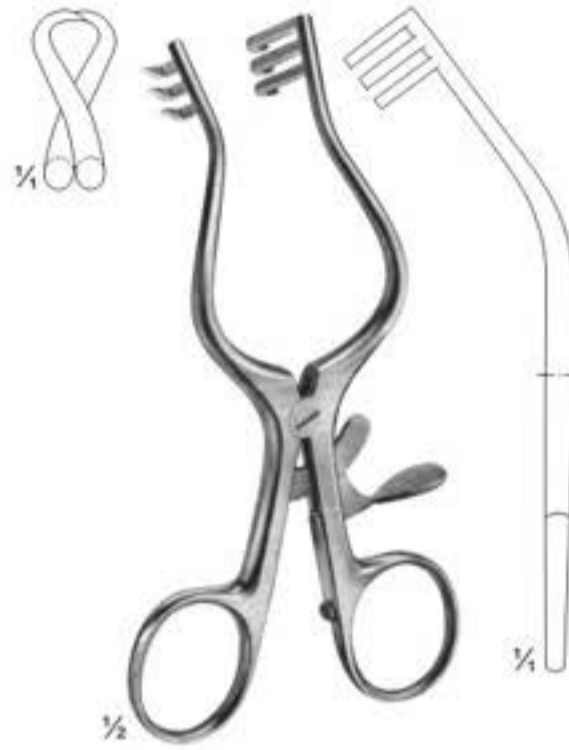
06-237
MIKULICZ
29 mm
250 mm

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

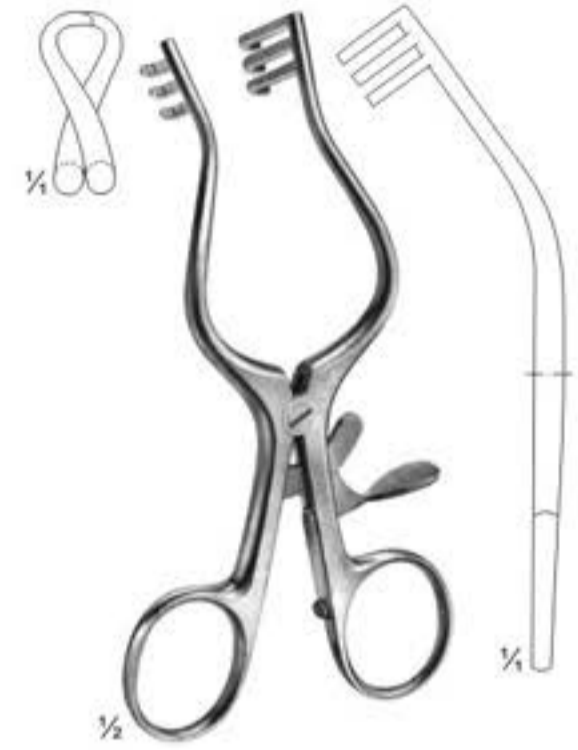
Self-Retaining Retractors



06-240
WEITLANER
sharp
130 mm



06-241
WULLSTEIN
sharp
130 mm



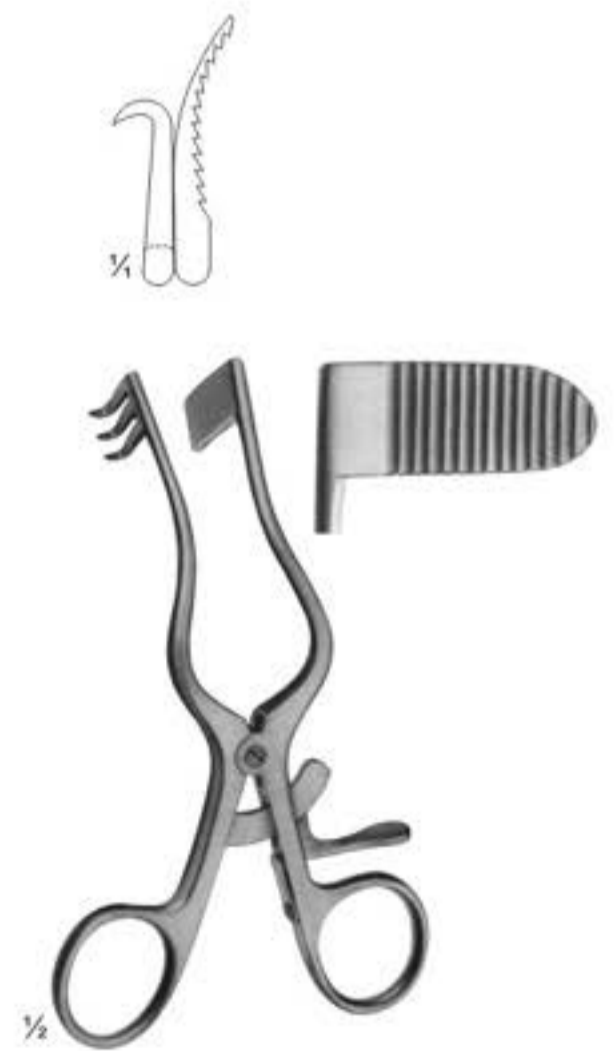
06-242
WULLSTEIN
blunt
130 mm



06-243
WEITLANER
sharp
165 mm



06-244
PLESTER
blunt
110 mm

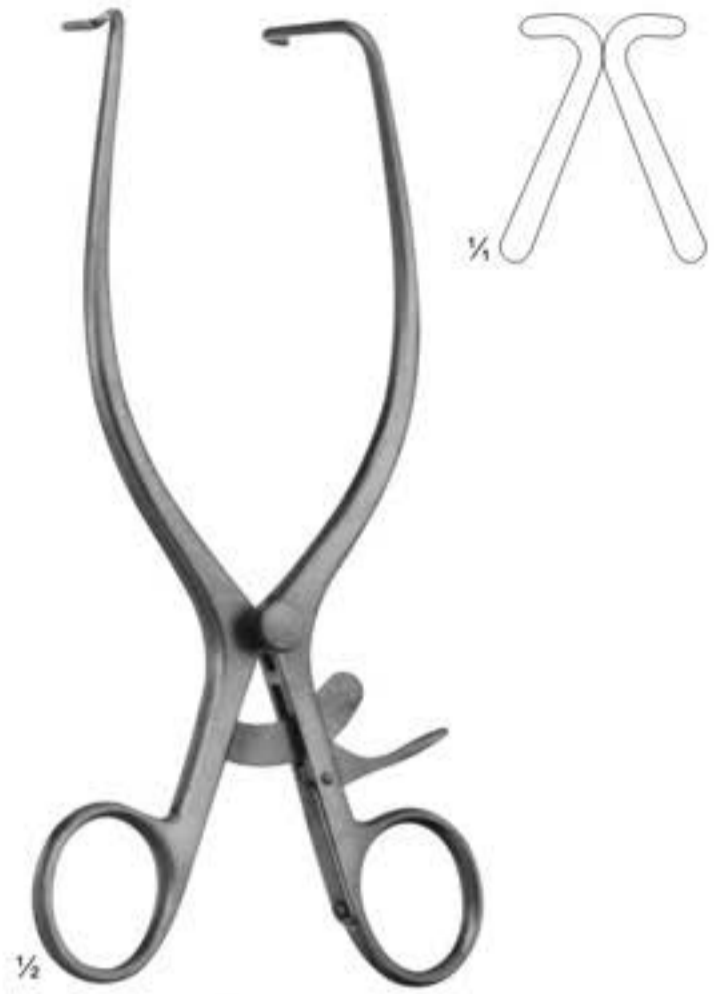


06-245
PERKINS
blunt
130 mm

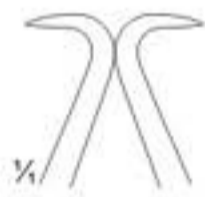
Special Retractors



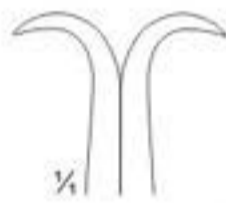
06-246
JOLL (FRIEDMAN)
Thyroid- and vaginal retractor
155 mm



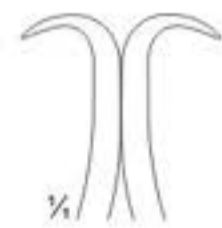
06-247
JACKSON BURROWS
Retractor, blunt
185 mm



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



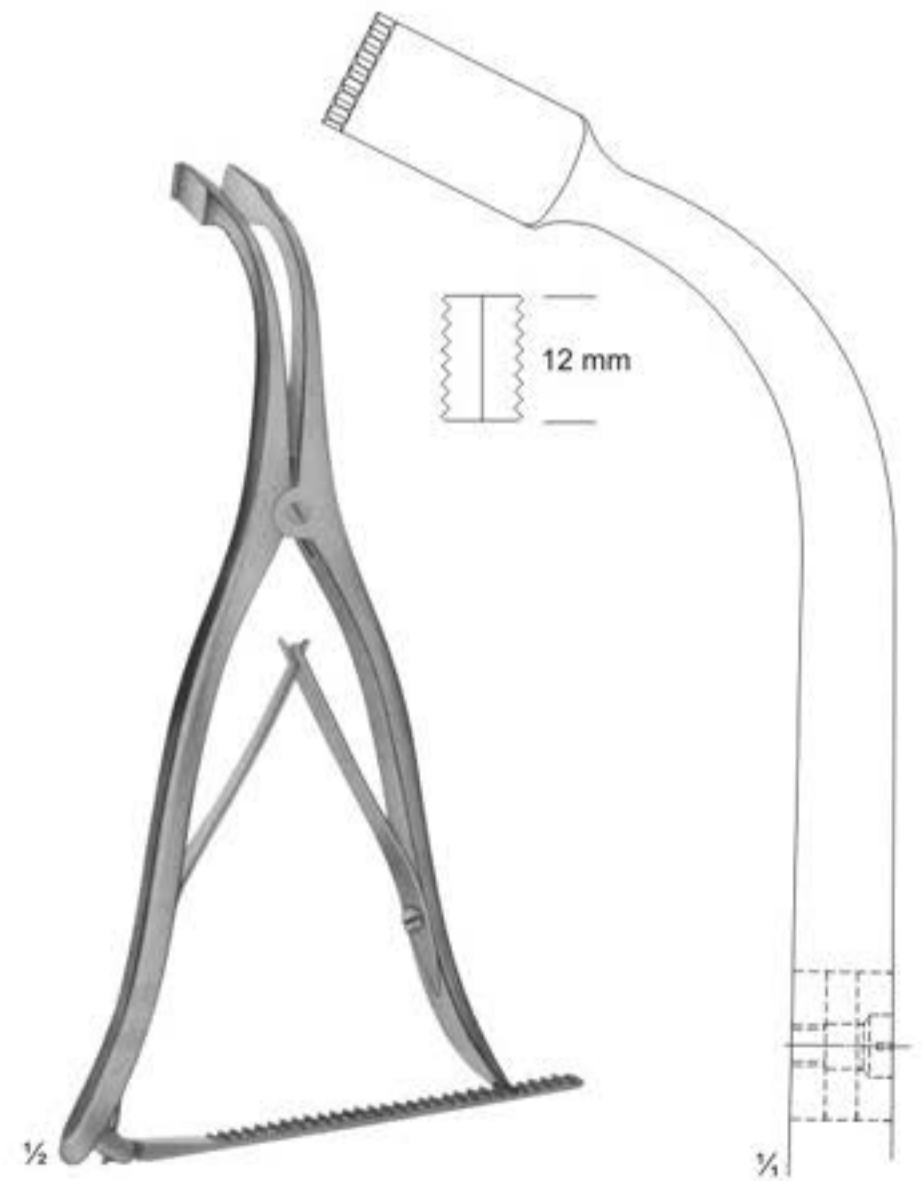
06-251
CLOWARD
155 mm



06-252
CLOWARD
135 mm



06-253
INGE
170 mm

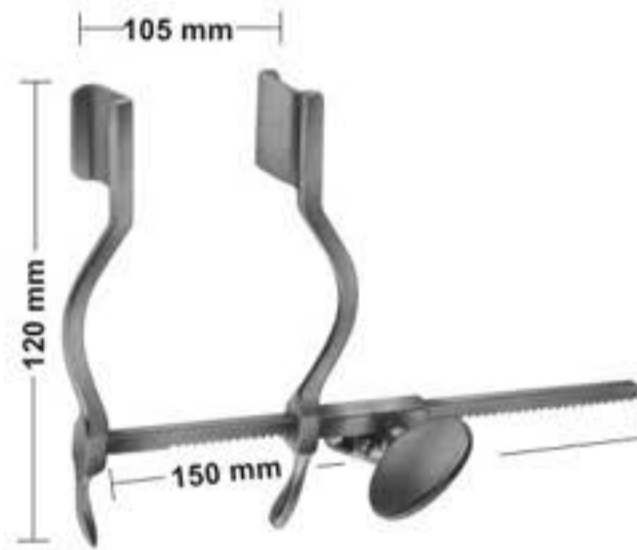


06-254
INGE
275 mm

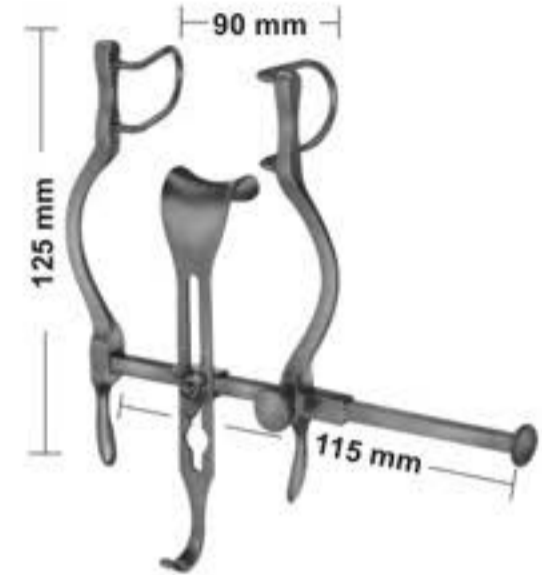
Abdominal Retractors



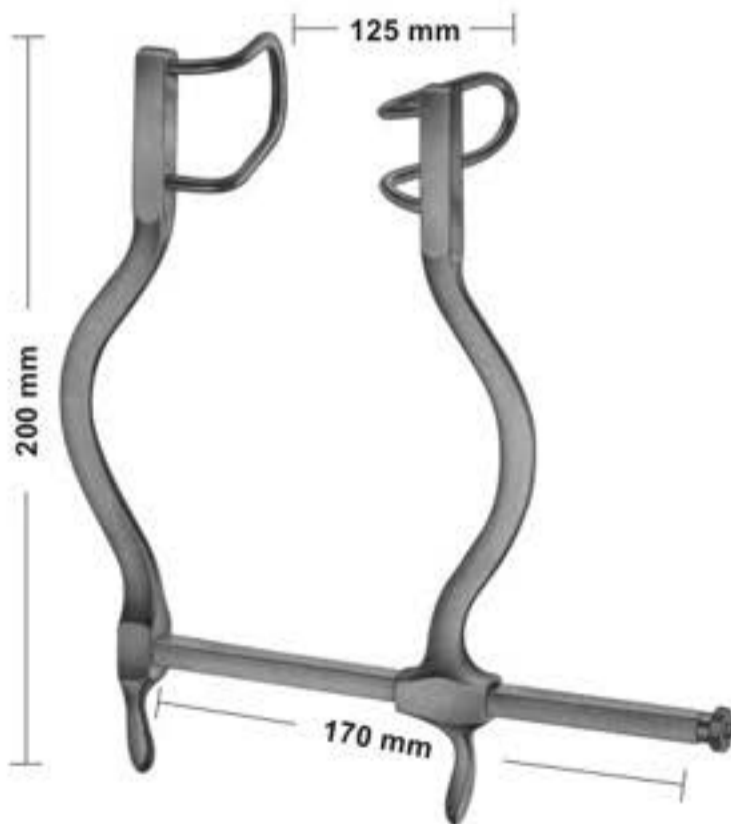
06-255
GOSSET
Blades: 38 mm deep



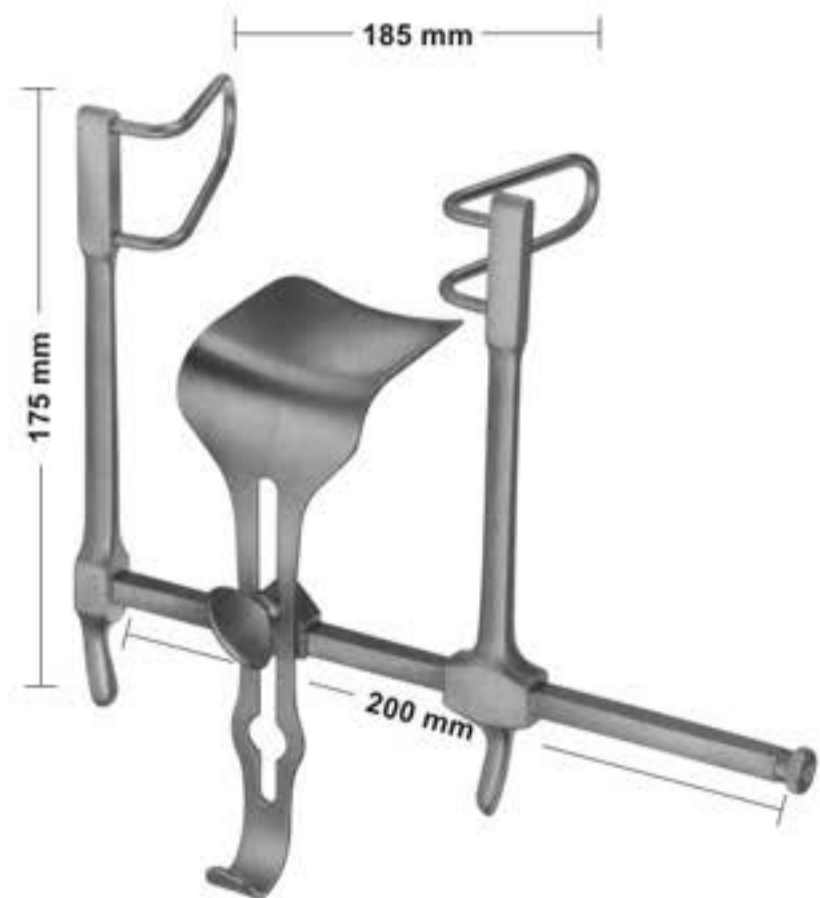
06-256
HERTZLER
Blades 20 X 25 mm



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

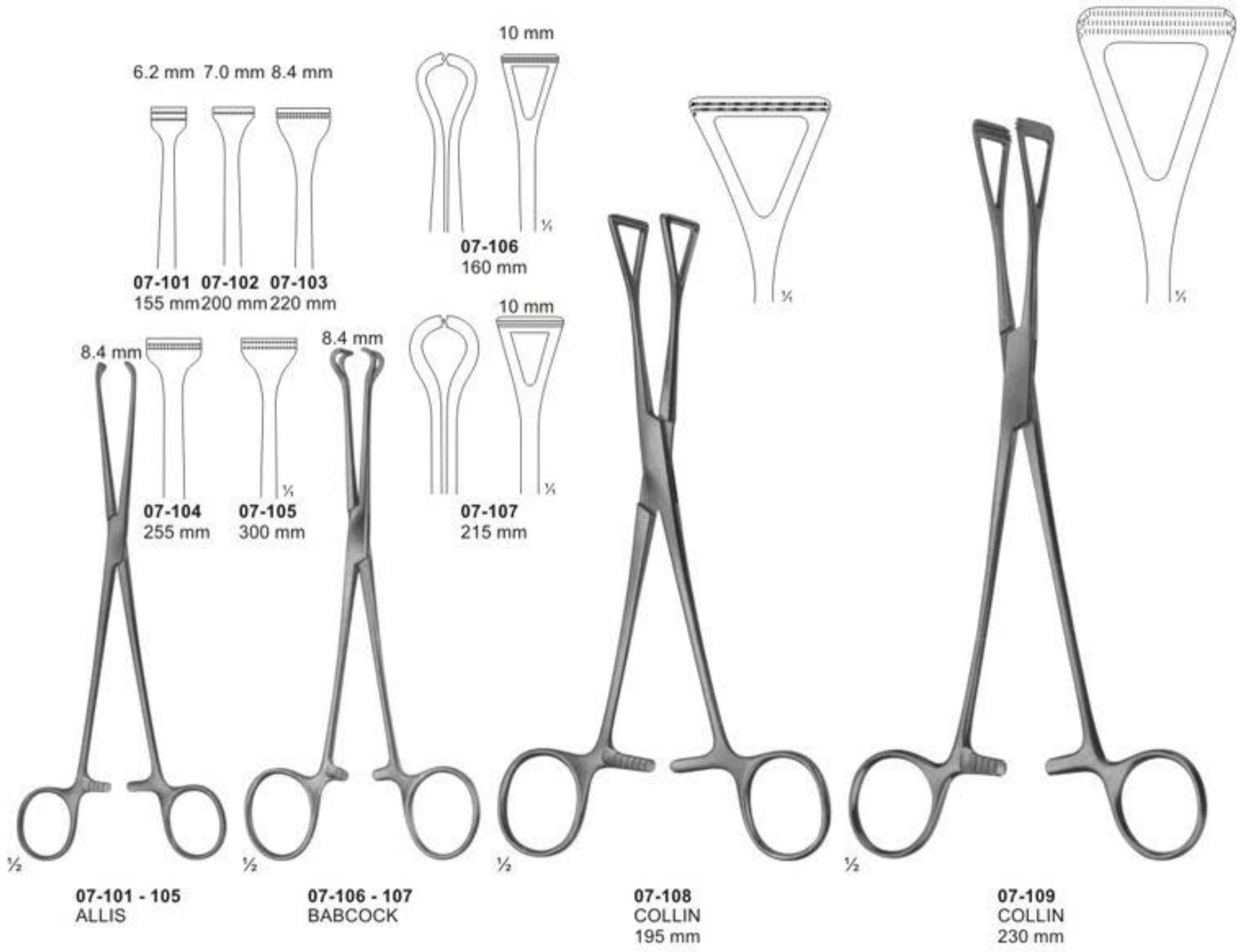


06-258
GOSSET
Blades: 55 mm deep



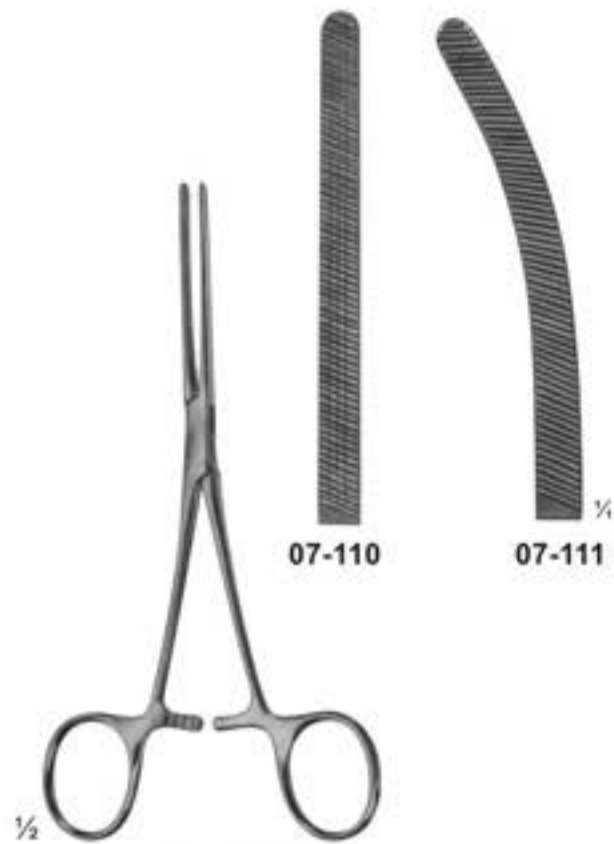
06-259
GOSSET
Lateral blades 58 mm deep
Center blade 59 x 57 mm

Organ-, Tissue and Intestinal Grasping Forceps

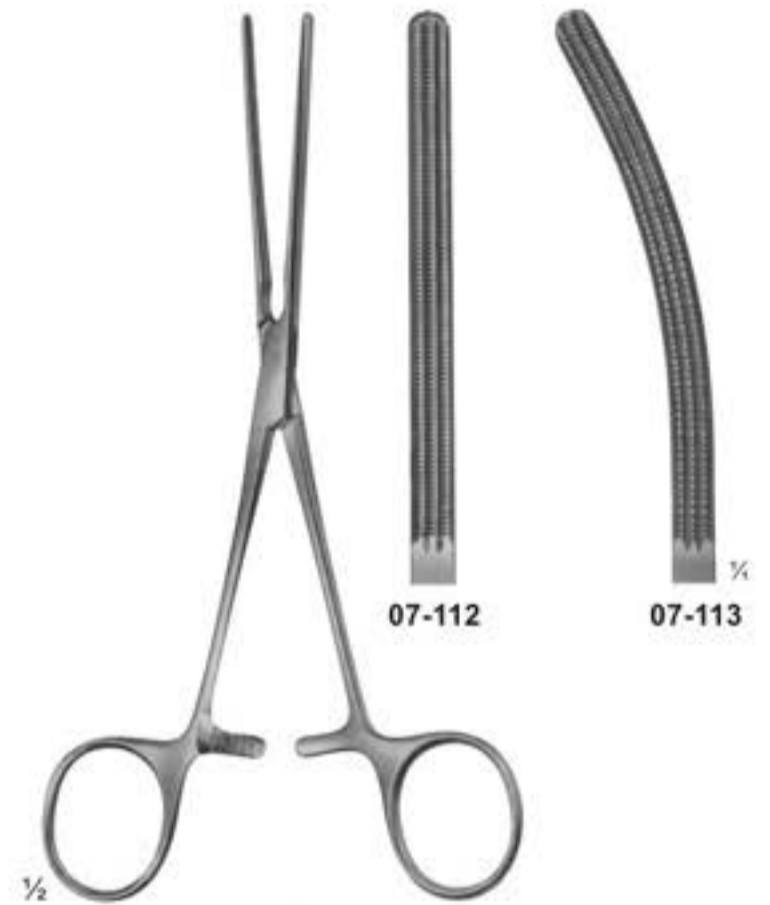


Intestinal Clamps, soft elastic

ATRAUMATA

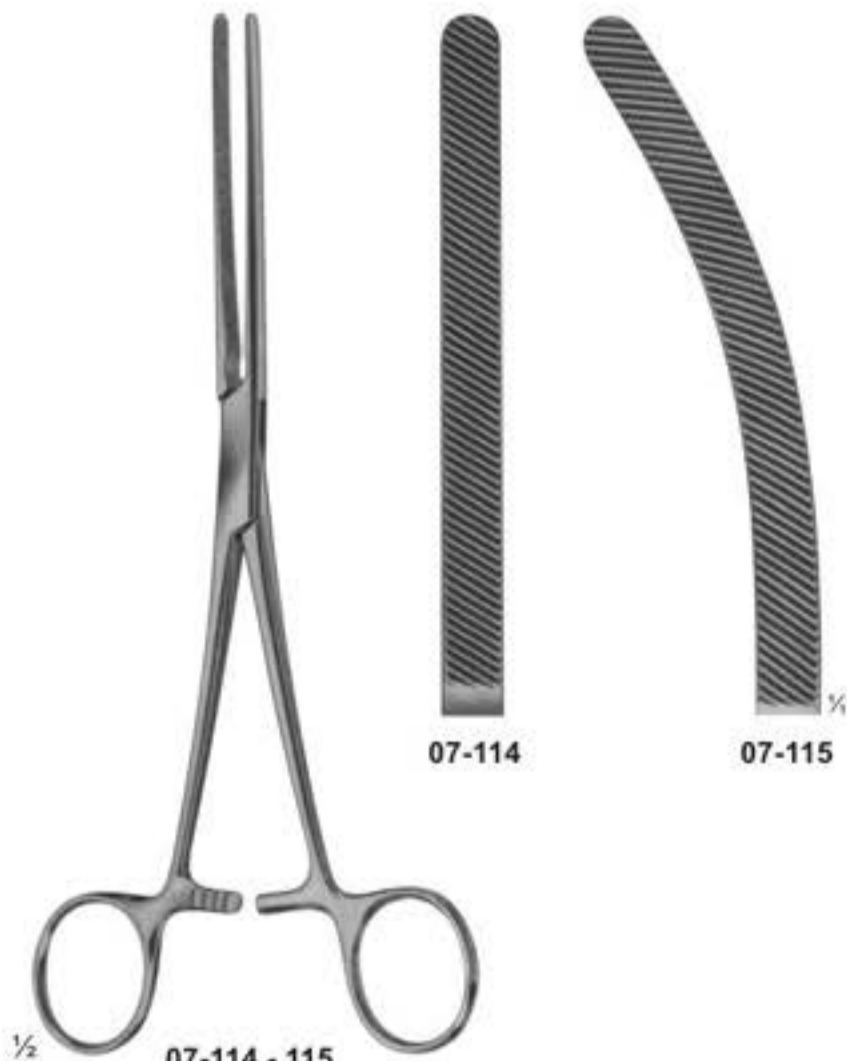


07-110 - 111
DOYEN
elastic
165 mm



07-112 - 113
DOYEN
with elastic blades
170 mm

ATRAUMATA



07-114 - 115
HARTMANN
with elastic blades
200 mm



07-116 - 117
HARTMANN
with elastic blades
200 mm

Intestinal and Pylorus Clamps



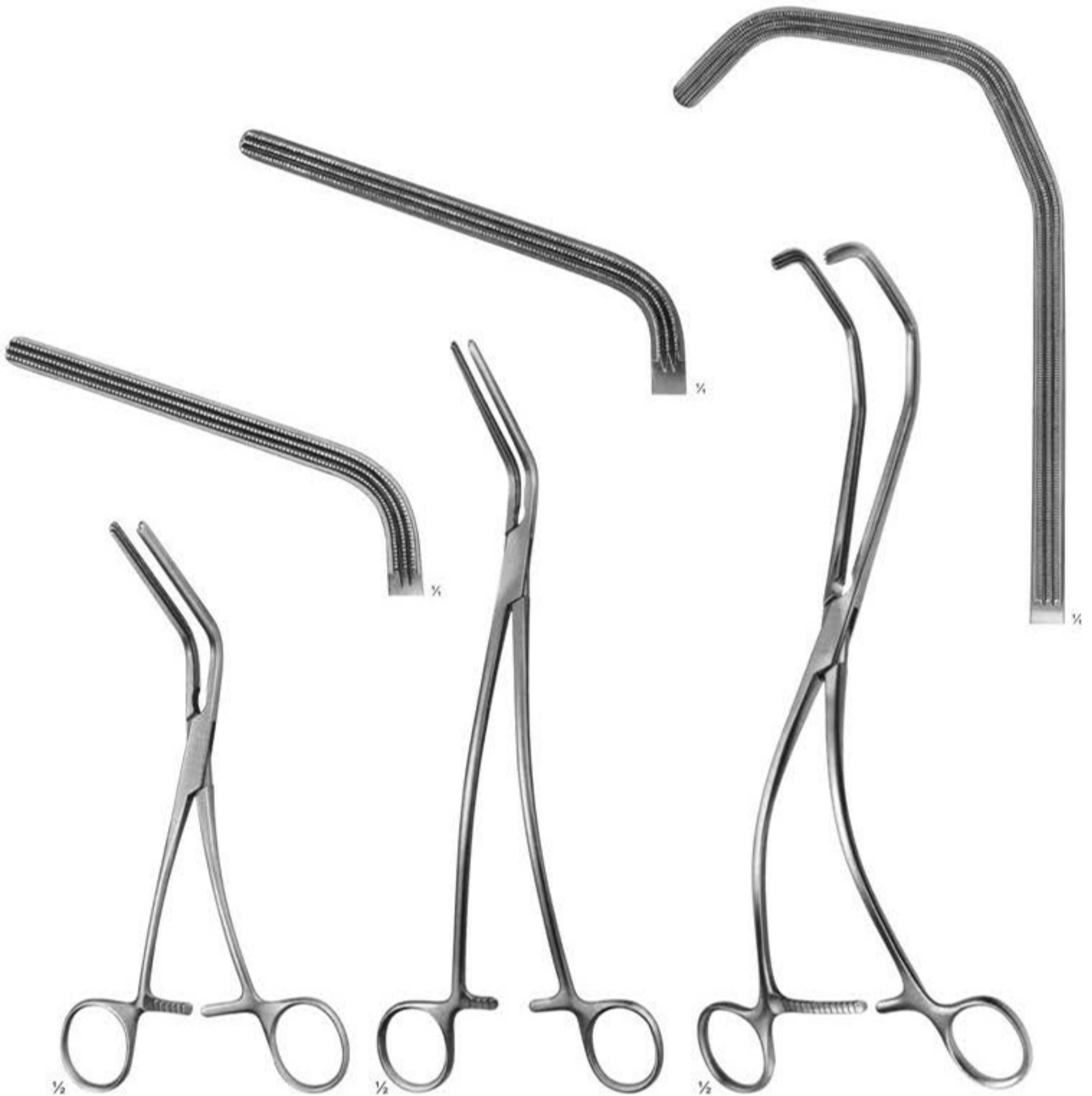
07-118
PAYR
Intestinal clamp
light pattern,
for children
180 mm

07-119
PAYR
200 mm

07-120
PAYR
275 mm

07-121
PAYR
Pylorus clamp
315 mm

ATRAUMATA
Sigmoid Anastomosis Forceps



07-122
MORRIS
175 mm

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

07-124
KERSTING
270 mm

Nasal Specula



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



08-102
SIMS
160 mm



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



08-104
Killian

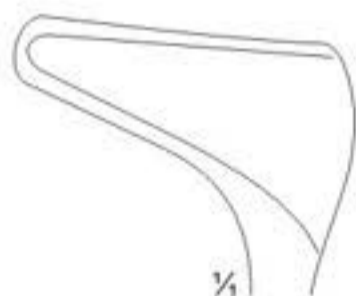


Fig. 1
14 cm 5 4/8"
35 mm

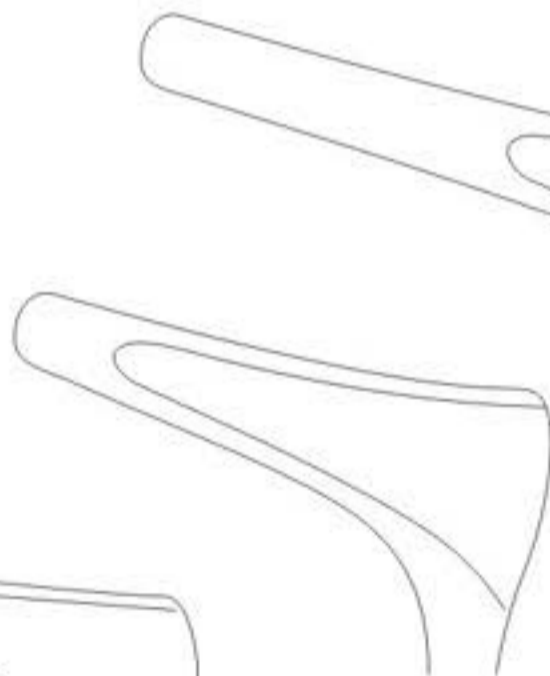


Fig. 2
14,5 cm / 5 4/8"
50 mm

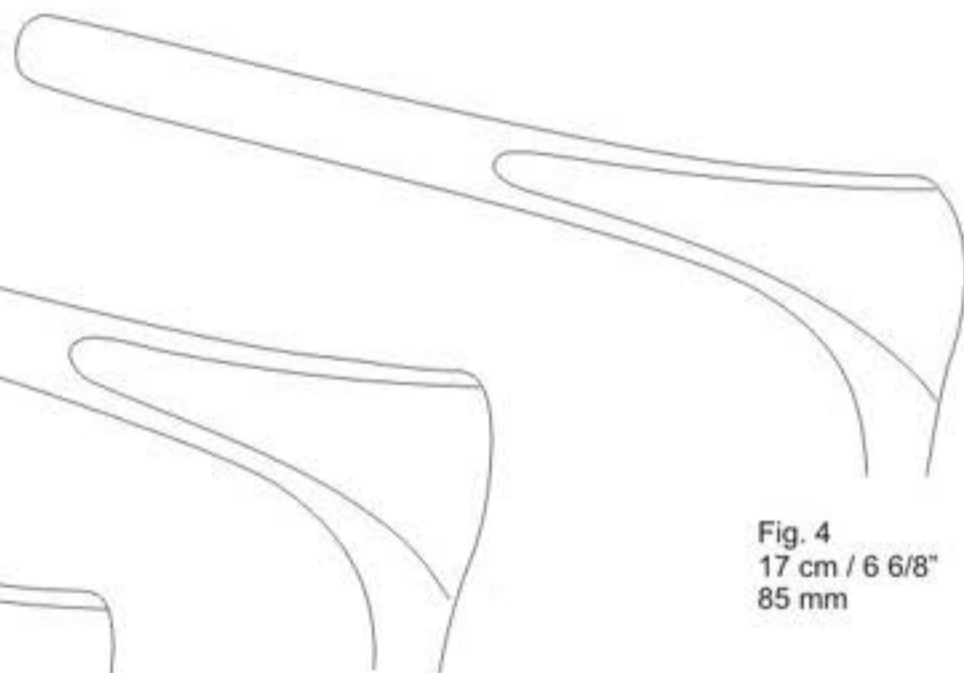


Fig. 3
16 cm / 6 2/8"
75 mm

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

Nasal Specula



08-105
Cottle

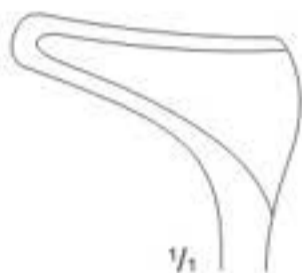


Fig. 1
13,5 cm / 5 3/8"
35 mm

1/1

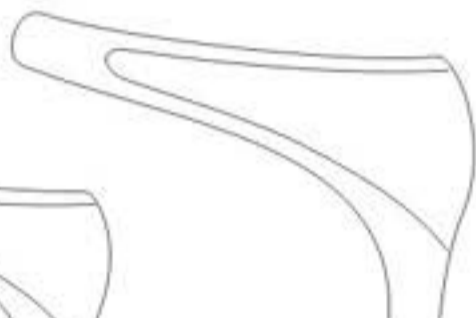


Fig. 2
14 cm / 5 4/8"
50 mm

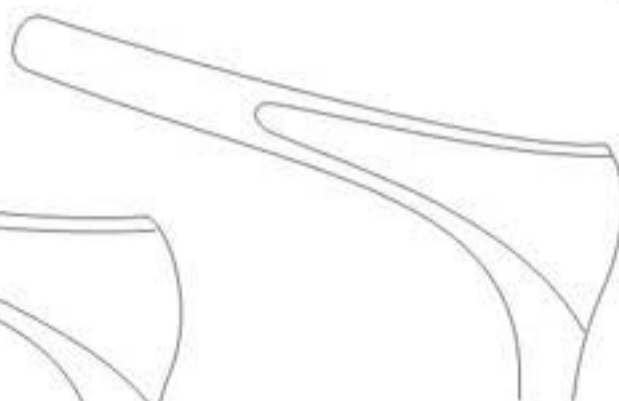


Fig. 3
16 cm / 6 2/8"
75 mm

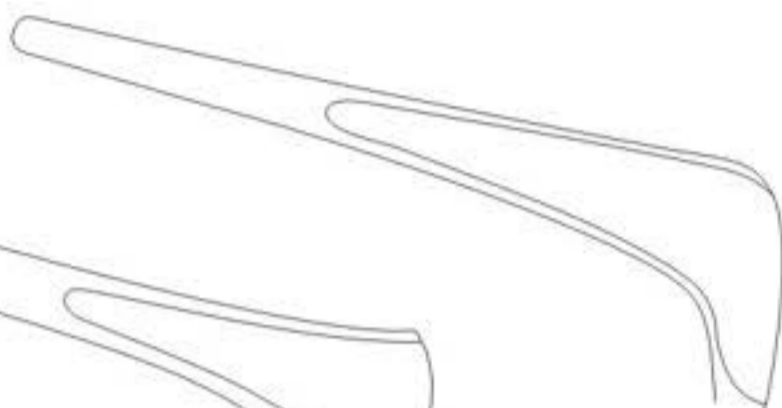


Fig. 4
16 cm / 6 2/8"
85 mm



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



Fig. 1
21,0 x 9,5 mm



Fig. 2
21,0 x 10,5 mm



Fig. 3
21,0 x 11,5 mm



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



Fig. 1
30 mm

1/1



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



Fig. 1
27 mm



Fig. 2
31 mm

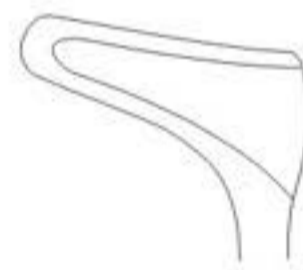


Fig. 3
35 mm

Anuscopes-Sphincteroscopes



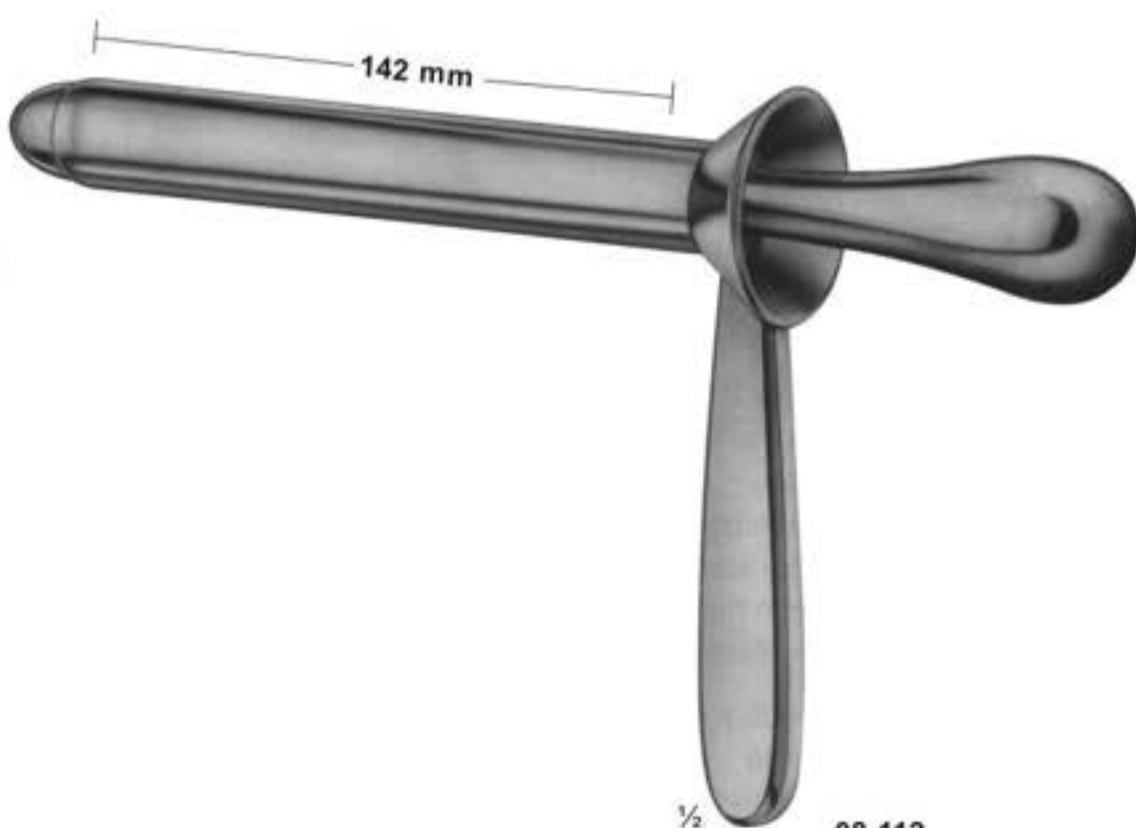
08-109
IVES-FANSLER
Anuscops
145 mm
Ø24mm



08-110
KELLY
Sphincteroscope
160 mm
Ø21mm



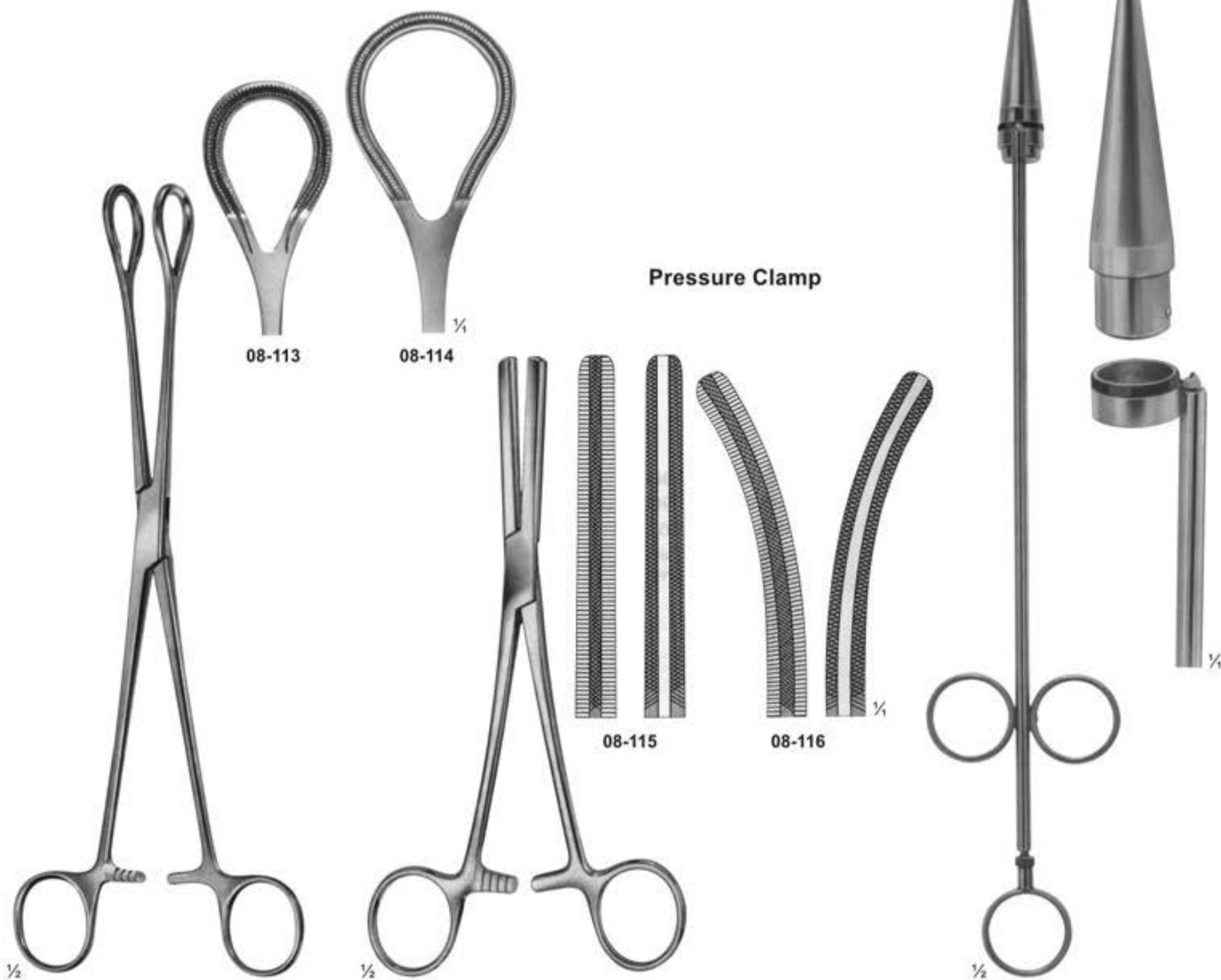
08-111
KELLY
Sphincteroscope
160 mm
Ø27mm



08-112
KELLY
Proctoscope
140 mm
Ø22mm

Haemorrhoidal Forceps

ATRAUMATA



08-113

08-114

Pressure Clamp

08-115

08-116

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

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

08-115 - 08-116
FERGUSSON
200 mm

Gall Duct Forceps



08-118
LOWER
180 mm



08-119
LAHEY (SWEET)
190 mm



08-120
LAHEY
220 mm

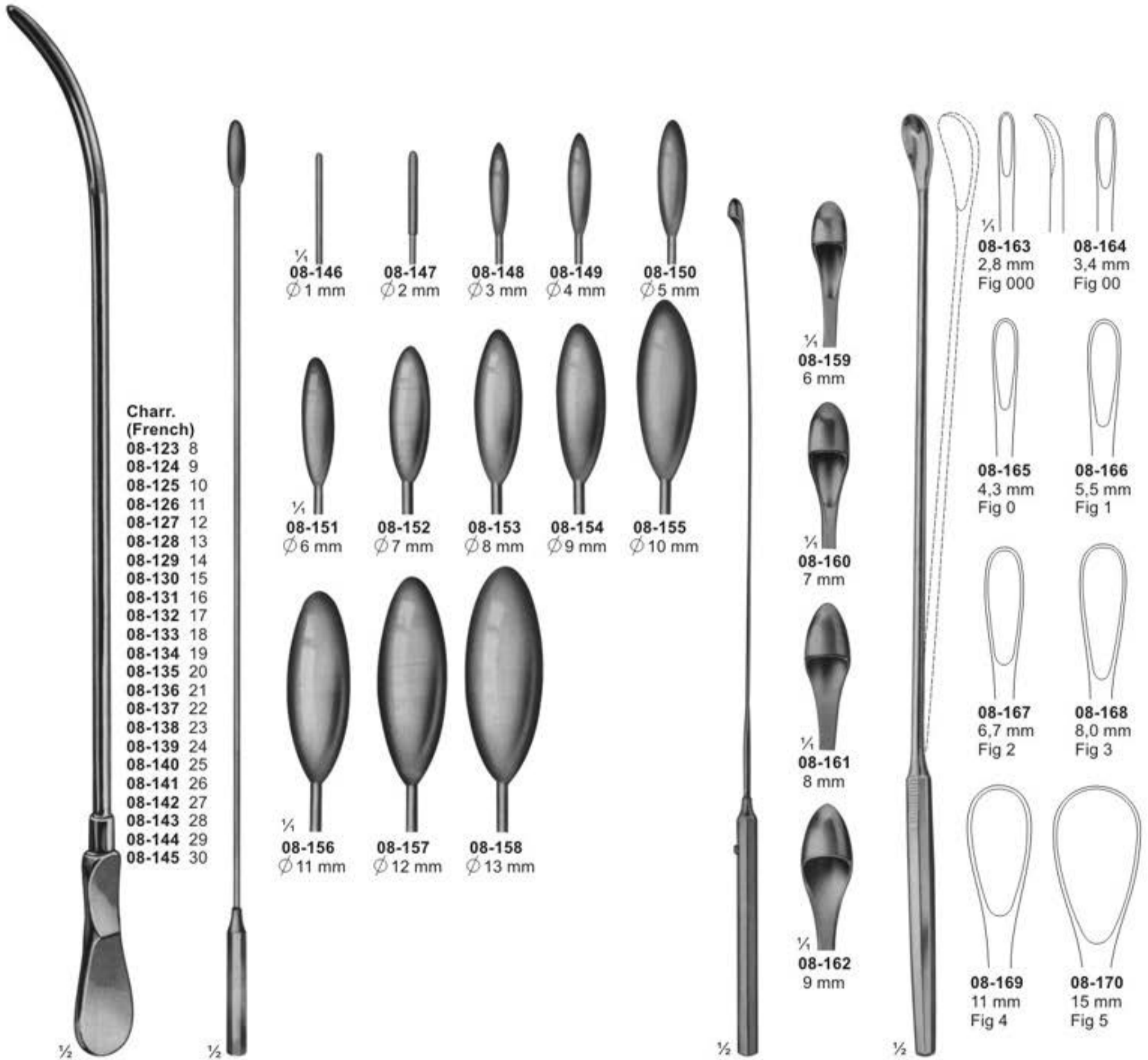


08-121
DESJARDINS
Gall duct-and cystic forceps
210 mm



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

08-146 $\frac{1}{4}$ \varnothing 1 mm
08-147 \varnothing 2 mm
08-148 \varnothing 3 mm
08-149 \varnothing 4 mm
08-150 \varnothing 5 mm
08-151 $\frac{1}{4}$ \varnothing 6 mm
08-152 \varnothing 7 mm
08-153 \varnothing 8 mm
08-154 \varnothing 9 mm
08-155 \varnothing 10 mm
08-156 $\frac{1}{4}$ \varnothing 11 mm
08-157 \varnothing 12 mm
08-158 \varnothing 13 mm

08-159 $\frac{1}{4}$ 6 mm
08-160 $\frac{1}{4}$ 7 mm
08-161 $\frac{1}{4}$ 8 mm
08-162 $\frac{1}{4}$ 9 mm

08-163 $\frac{1}{4}$ 2,8 mm Fig 000
08-164 3,4 mm Fig 00
08-165 4,3 mm Fig 0
08-166 5,5 mm Fig 1
08-167 6,7 mm Fig 2
08-168 8,0 mm Fig 3
08-169 11 mm Fig 4
08-170 15 mm Fig 5

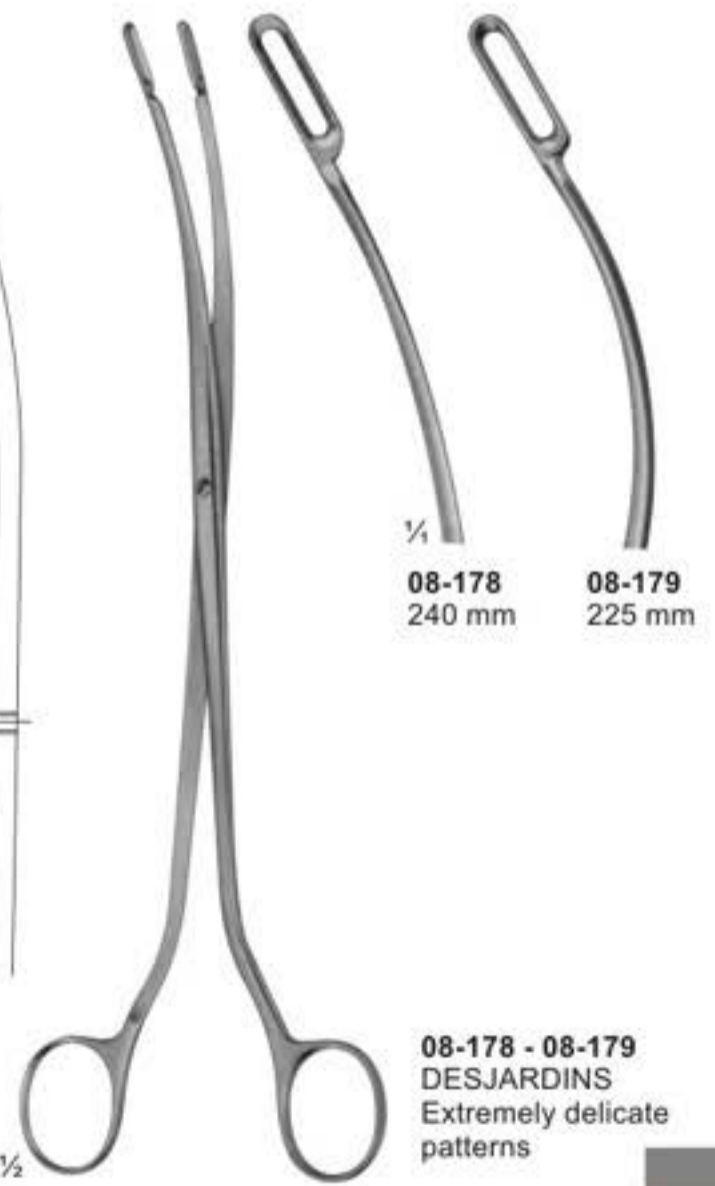
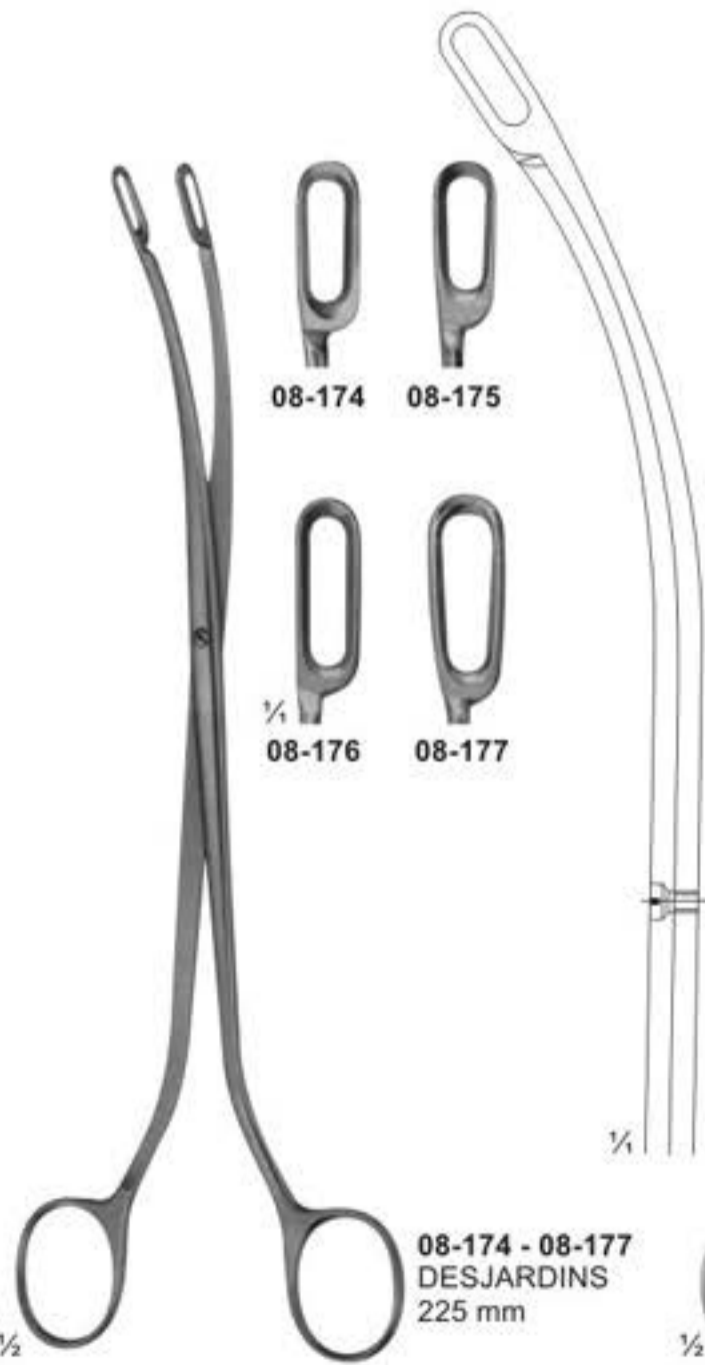
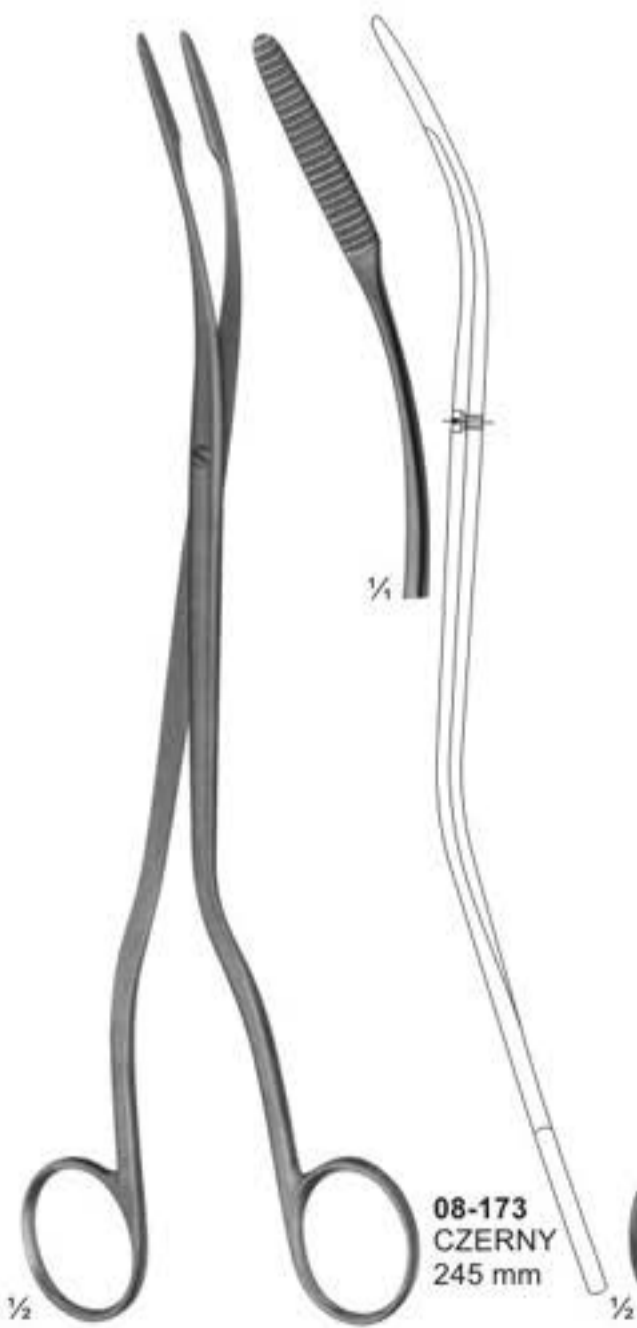
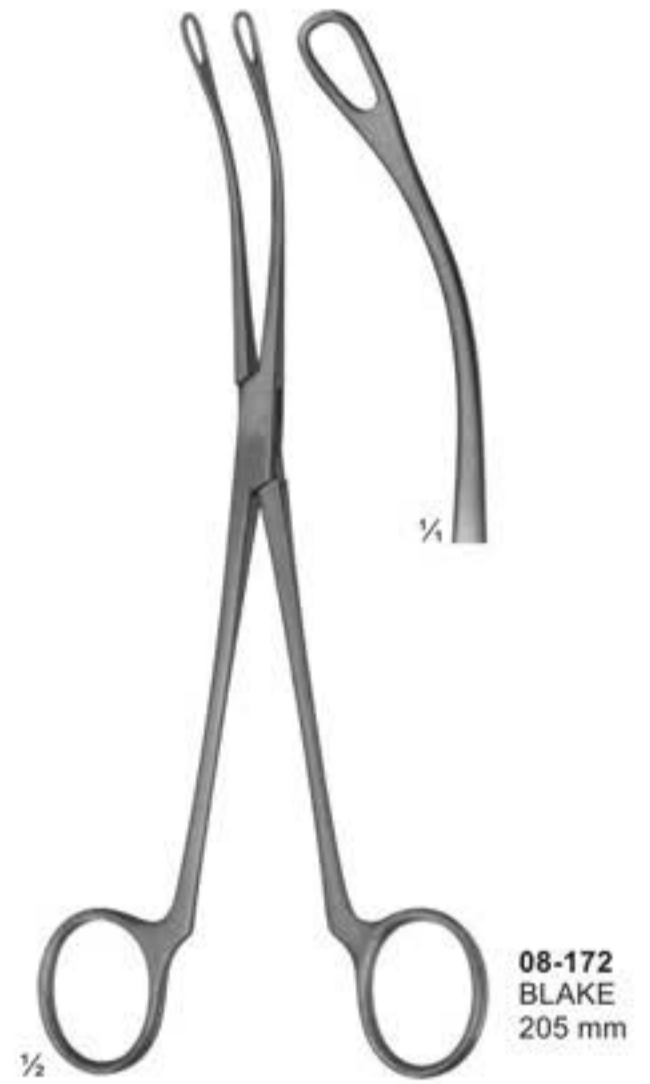
08-123 - 08-145
DITTEL
Metall bougies and
dilating sounds, stiff
345 mm

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

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

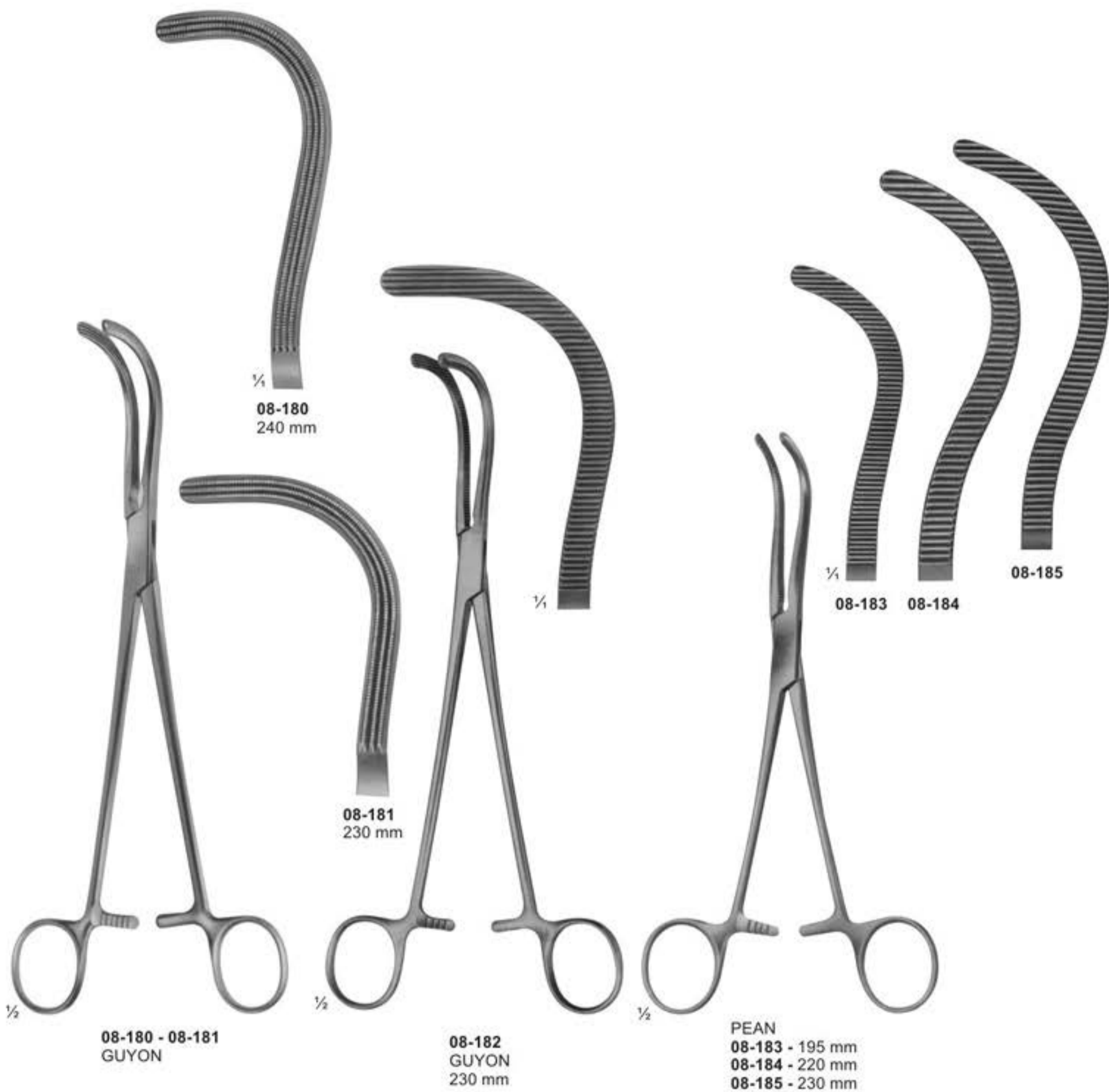
08-163 - 08-170
LUER-KOERTE modif
with malleable shaft
310 mm

Gall Stone Forceps



Kidney Clamps

ATRAUMATA



Kidney Stone Forceps



08-186



08-187



08-188



1/4
08-189



08-190



08-191



1/4
08-192



1/2

08-186 - 08-189
RANDALL
225 mm



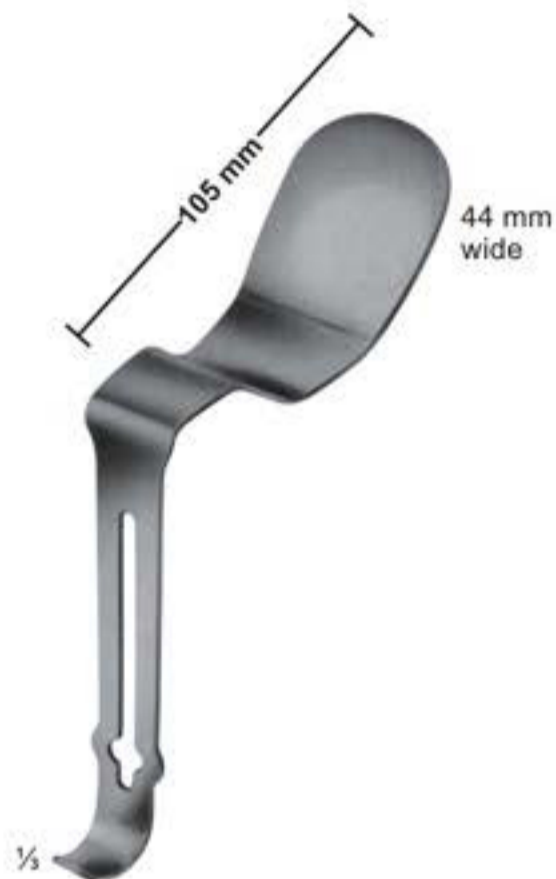
1/2

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

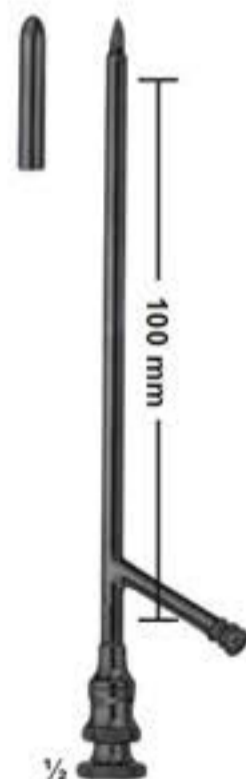


09-108 - 112
Inside diam. Outside diam
09-108 2,2 mm 3,0 mm
09-109 3,0 mm 4,0 mm
09-110 4,0 mm 5,0 mm
09-111 5,0 mm 6,0 mm
09-112 5,5 mm 6,5 mm
for hydrocele and abdominal puncture

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



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



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



09-123
PIERCE
Antrum trocar
Ø 4,0 mm

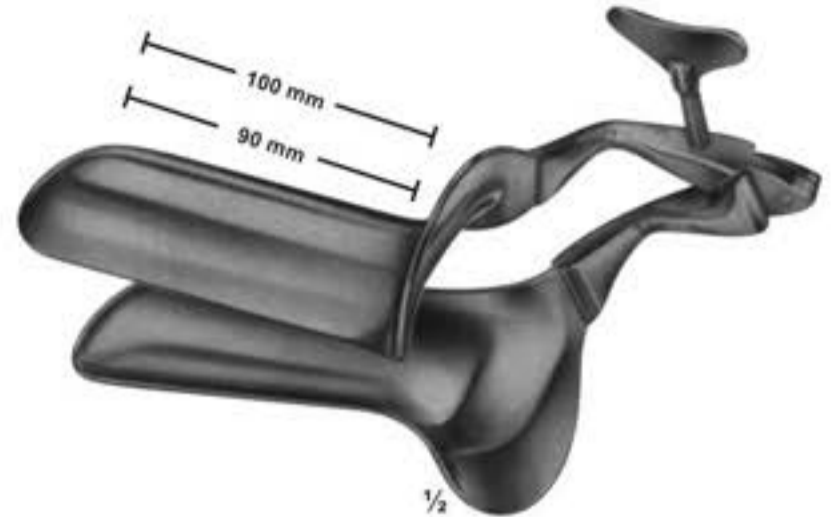


09-124
COAKLEY
Antrum trocar
3,0 mm

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

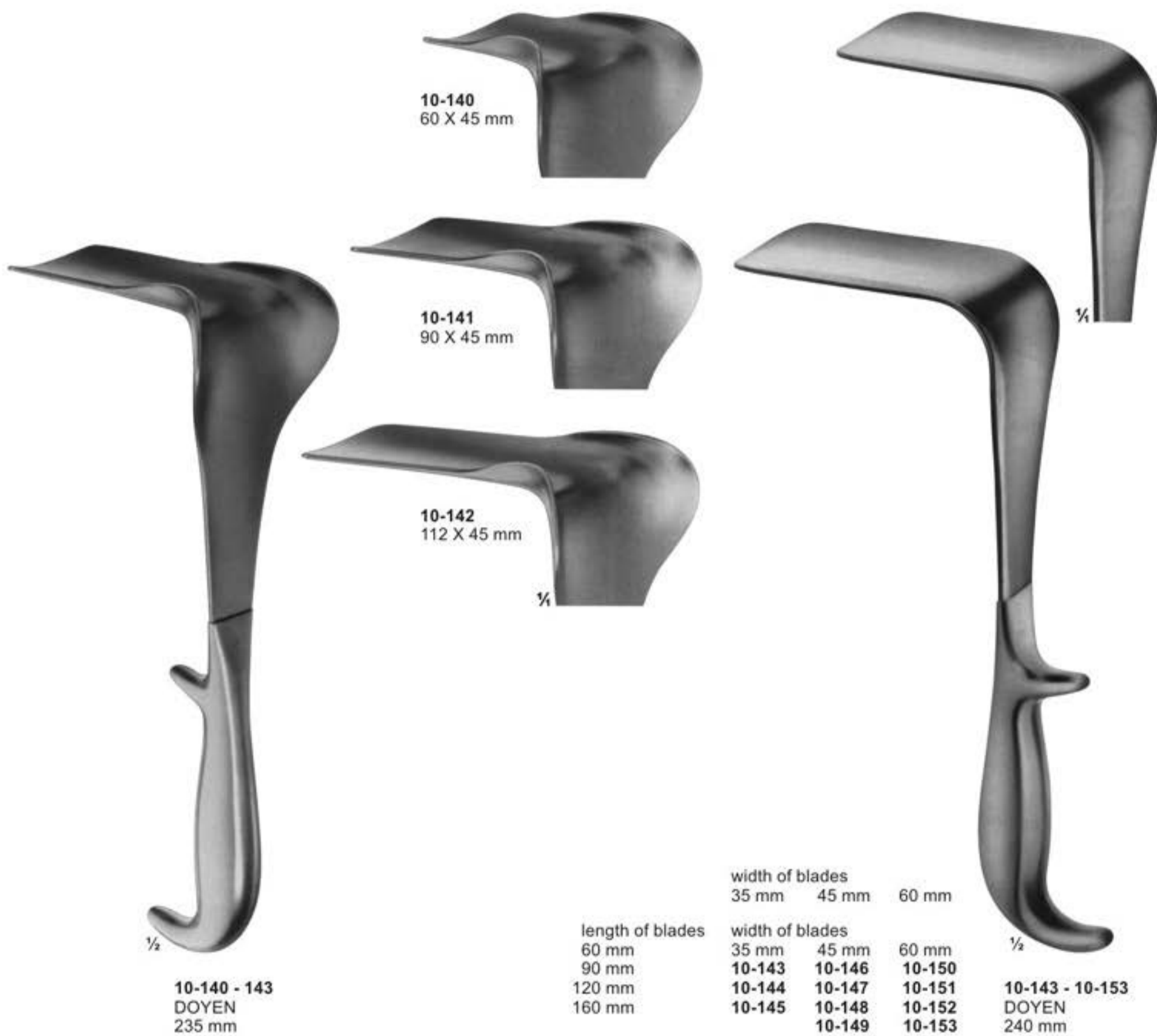


10-127 - 131
KRISTELLER
10-127 110X18 mm
10-128 110X20 mm
10-129 110X27 mm
10-130 110X30 mm
10-131 110X36 mm
220 mm

10-132 - 10-135
KRISTELLER
Upper blades

10-136 - 10-139
KRISTELLER
Lower blades

Vaginal Specula



10-140
60 X 45 mm

10-141
90 X 45 mm

10-142
112 X 45 mm

10-140 - 143
DOYEN
235 mm

10-143 - 10-153
DOYEN
240 mm

length of blades	width of blades		
60 mm	35 mm	45 mm	60 mm
90 mm	10-143	10-146	10-150
120 mm	10-144	10-147	10-151
160 mm	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



1/2

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

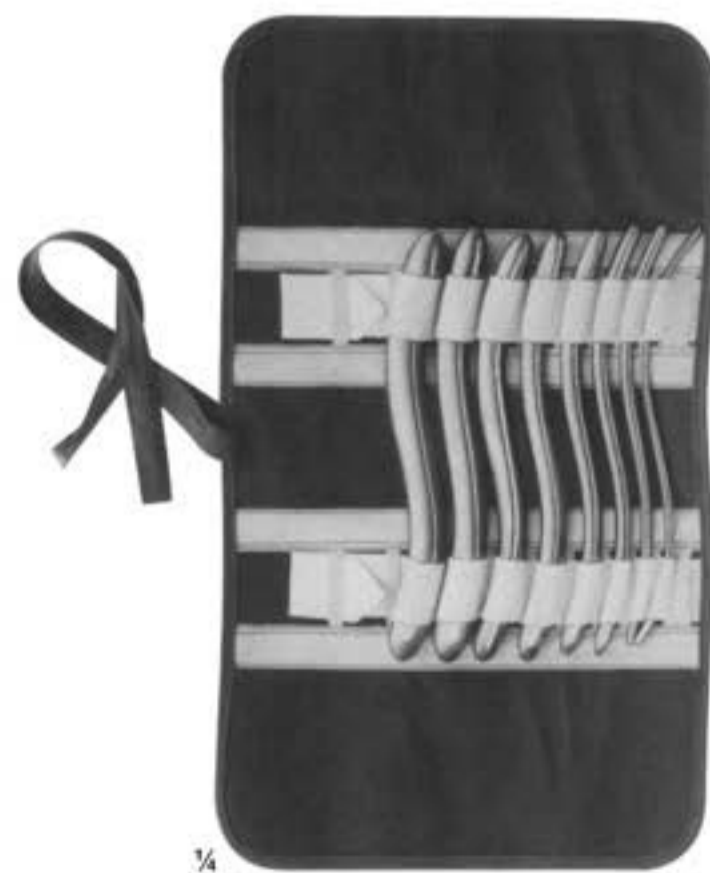
11-101	1	mm	11-123	23	mm
11-102	2	mm	11-124	24	mm
11-103	3	mm	11-125	25	mm
11-104	4	mm	11-126	26	mm
11-105	5	mm	11-127	1	1/2mm
11-106	6	mm	11-128	2	1/2mm
11-107	7	mm	11-129	3	1/2mm
11-108	8	mm	11-130	4	1/2mm
11-109	9	mm	11-131	5	1/2mm
11-110	10	mm	11-132	6	1/2mm
11-111	11	mm	11-133	7	1/2mm
11-112	12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



1/2

11-144 - 152
HEGAR
205 mm

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



1/4

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

Uterine Probes

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



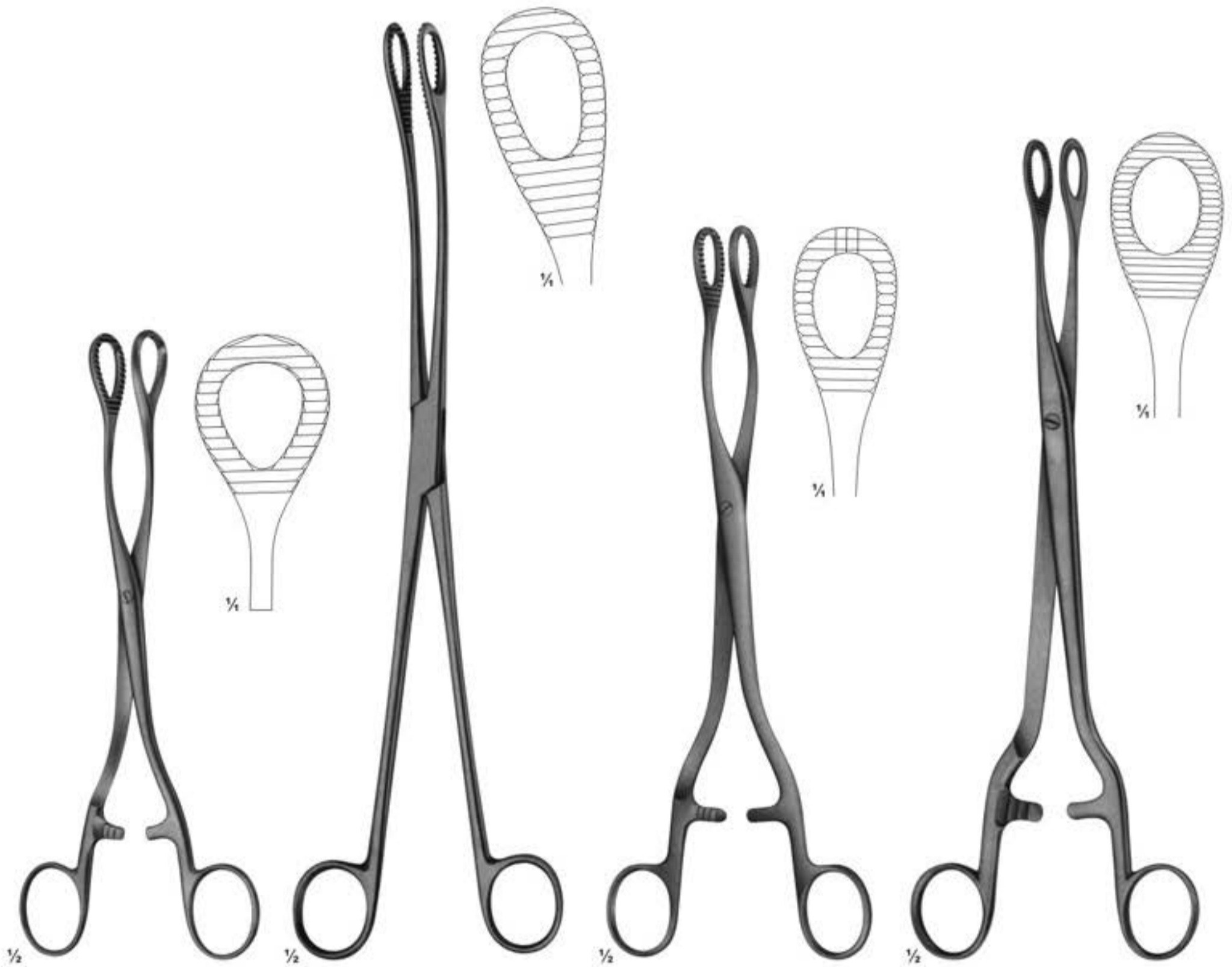
11-162
BOZEMANN
250 mm



11-163
BOZEMANN
255 mm

Jaws with longitudinal groove

Polypus-and Ovum Forceps



11-164
HEYWOOD-SMITH
200 mm

11-165
KELLY
320 mm

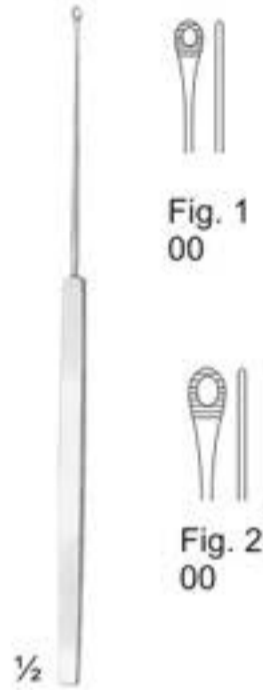
11-166
HEYWOOD-SMITH
250 mm

11-167
NOTO
280 mm

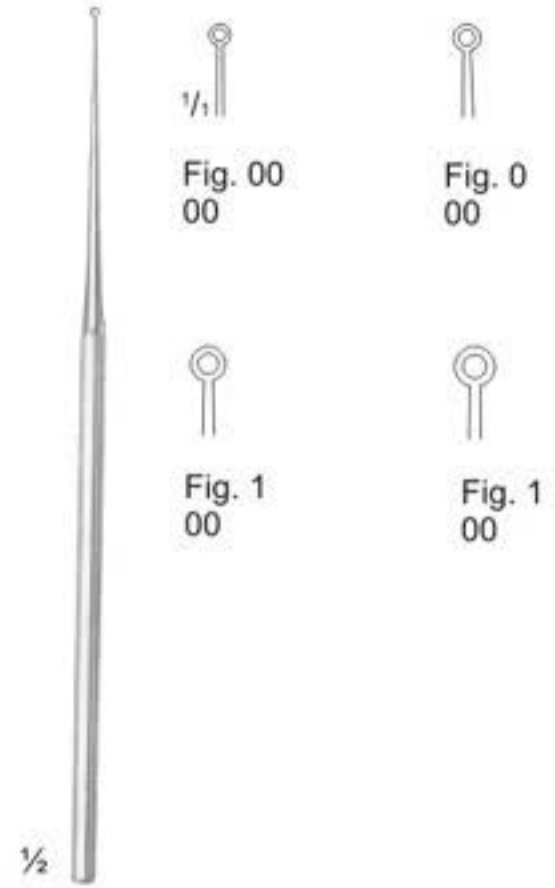
Ear Currettes



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



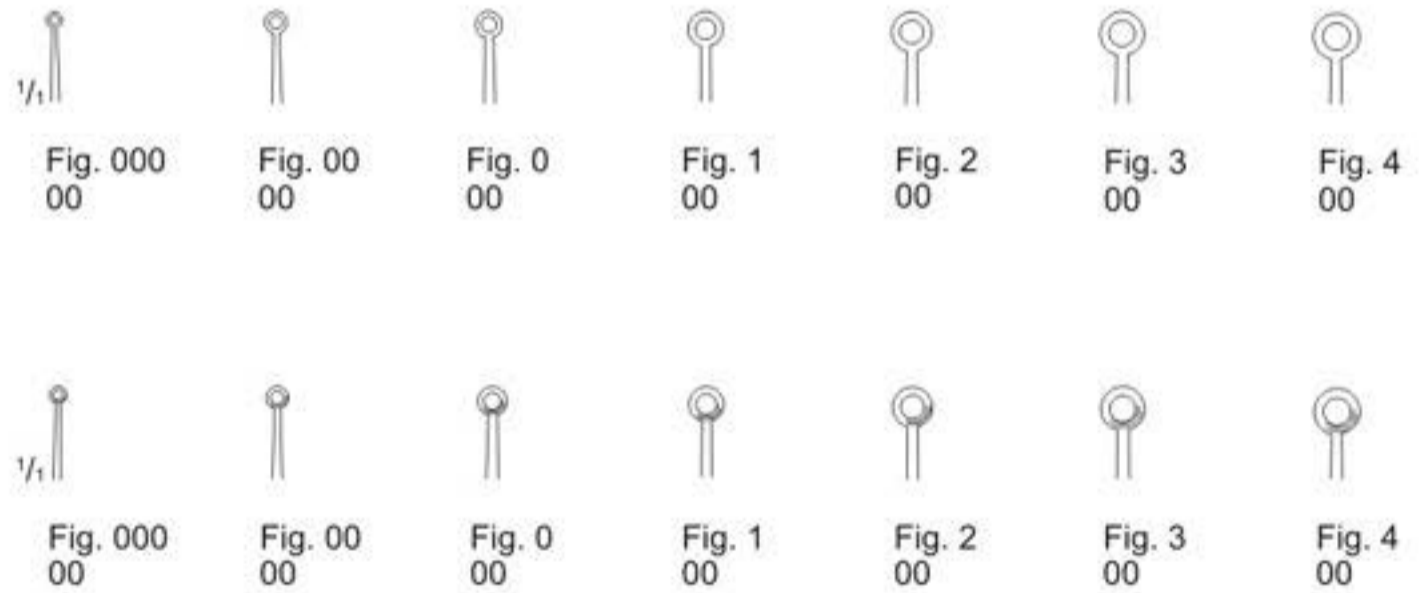
12-102
Shapleigh
15 cm / 5 1/8"



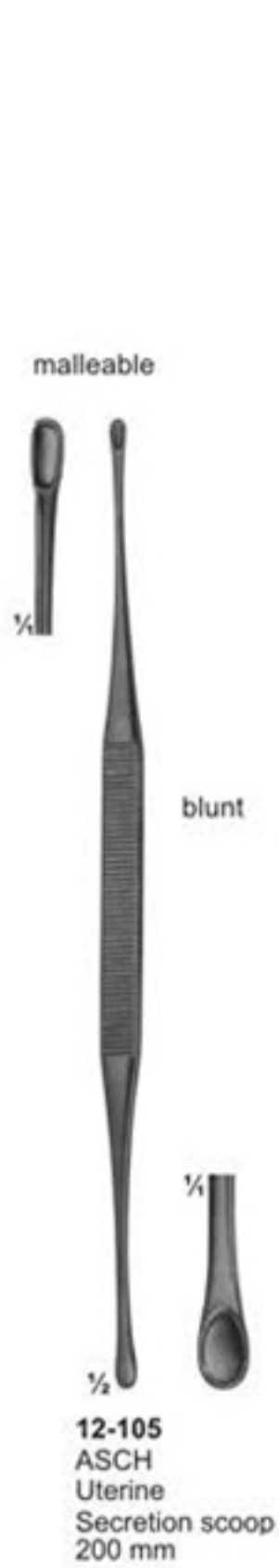
12-103
Buck
17cm / 6 6/8"



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



Biopsy Curettes



Ear Polypus Forceps



12-109
Hartmann-Wullstein
shaft length
85 mm



12-110
Hartmann-Wullstein
shaft length
85 mm



12-111
Hartmann
shaft length
85 mm



12-112
Hartmann
shaft length
85 mm



12-109 - 12-119

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



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



12-115
Hartmann
3 mm
shaft length
85mm



12-116
shaft length
85mm

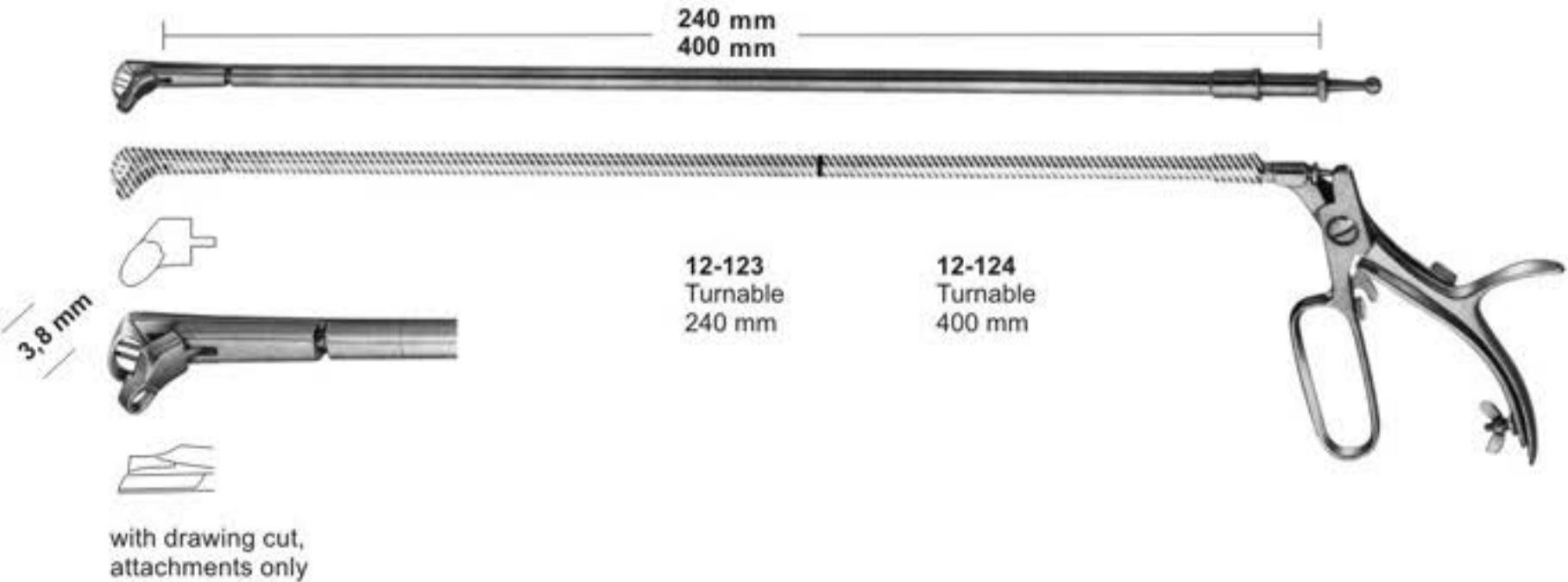
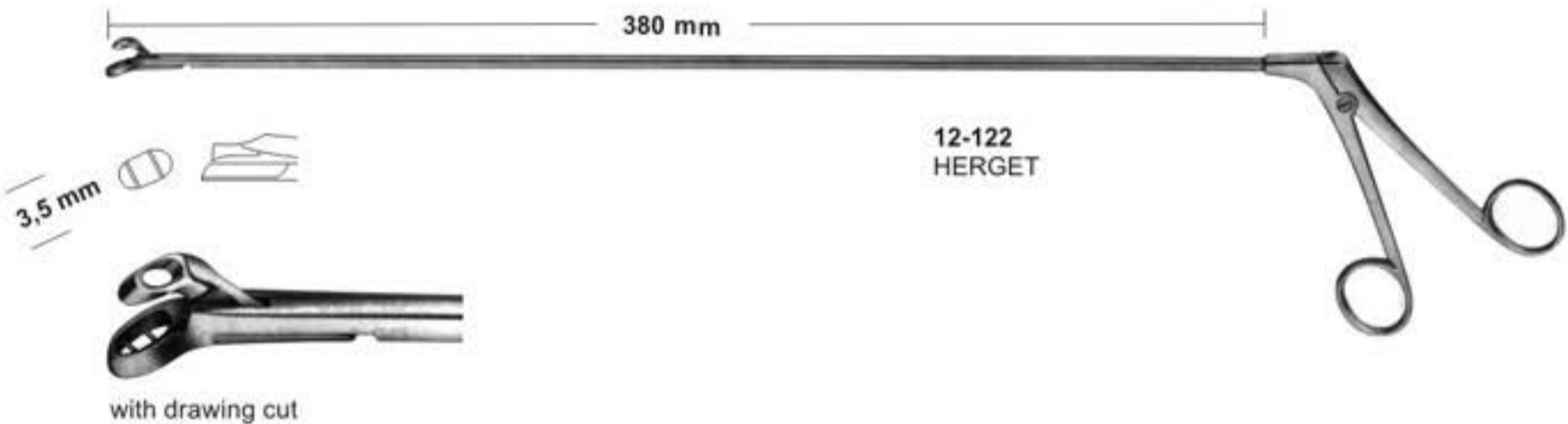
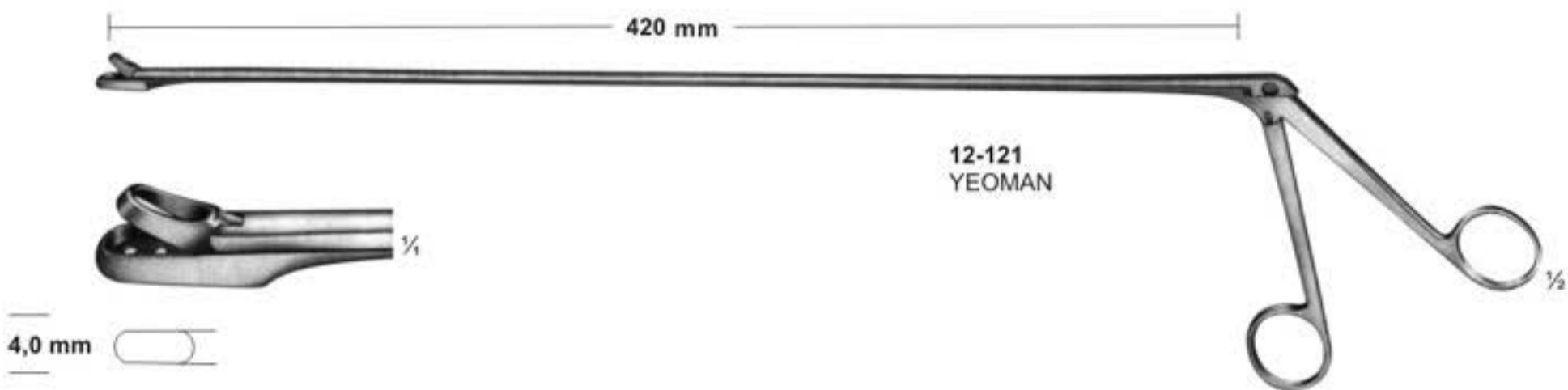
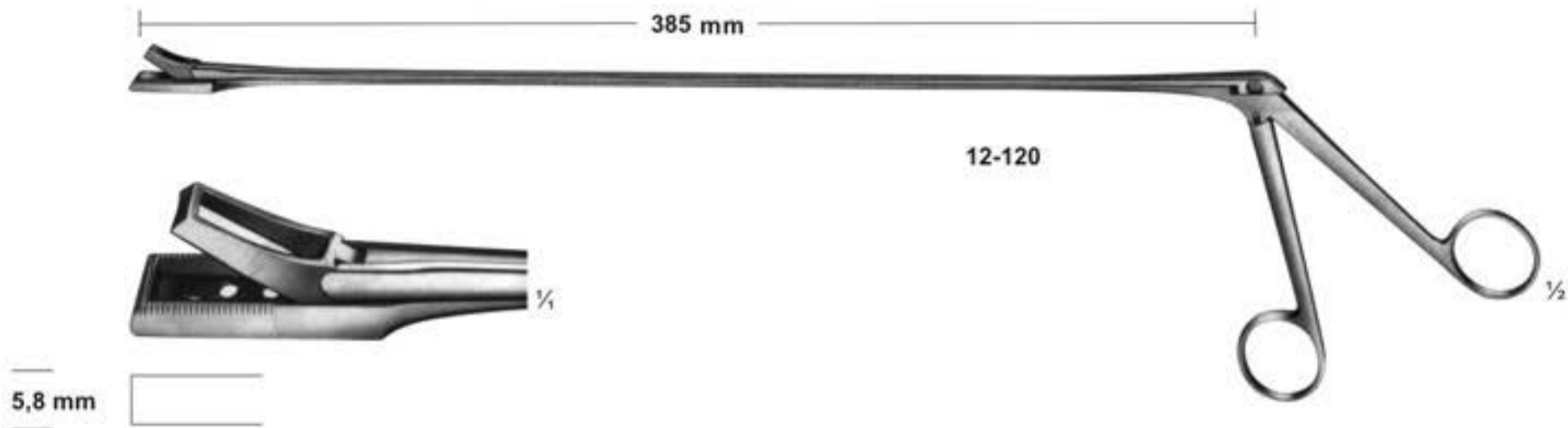


12-117
Hartmann-Hoffmar
2,0 mm
85mm

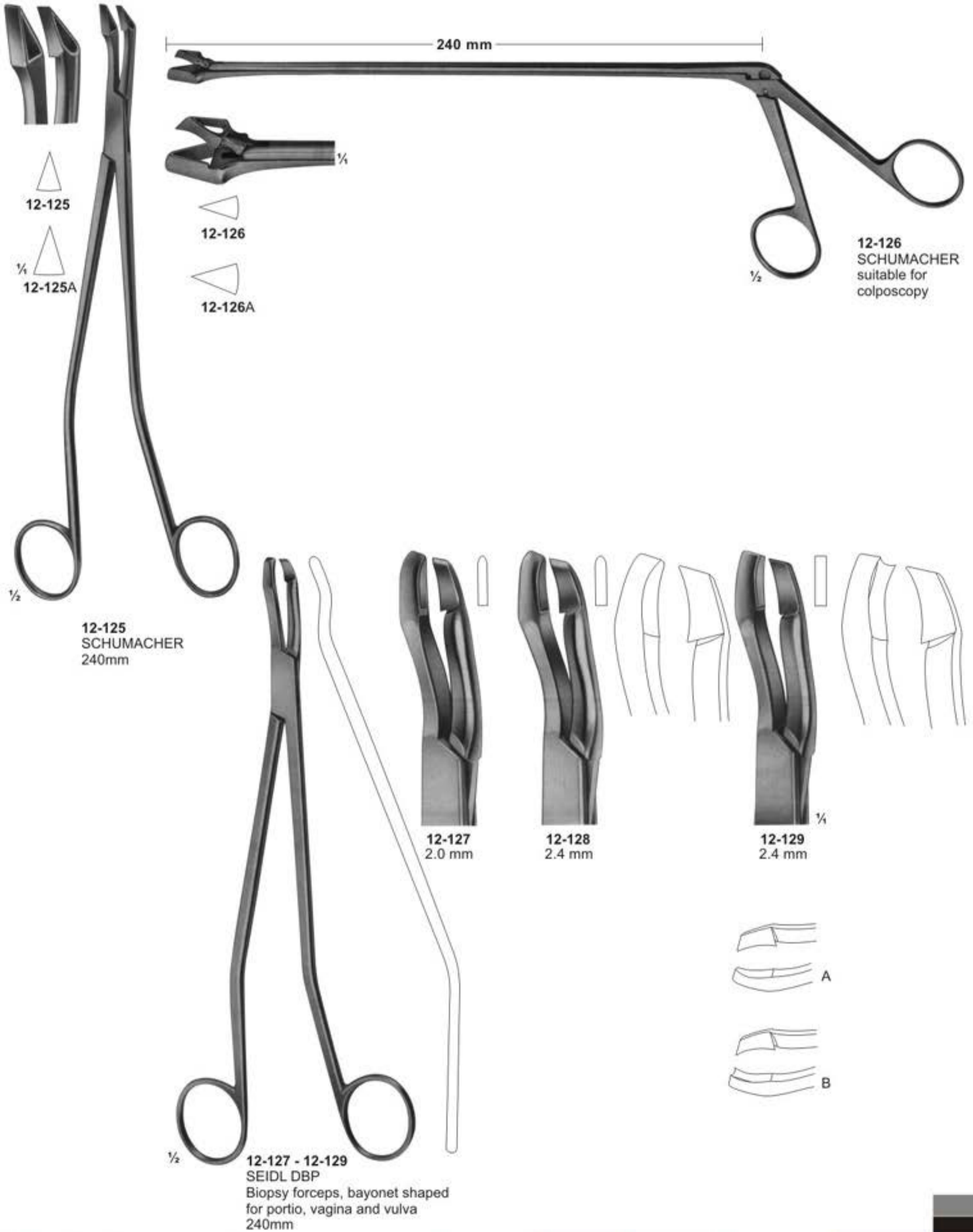
12-118
2,5 mm
85 mm

12-119
3,0 mm
85 mm

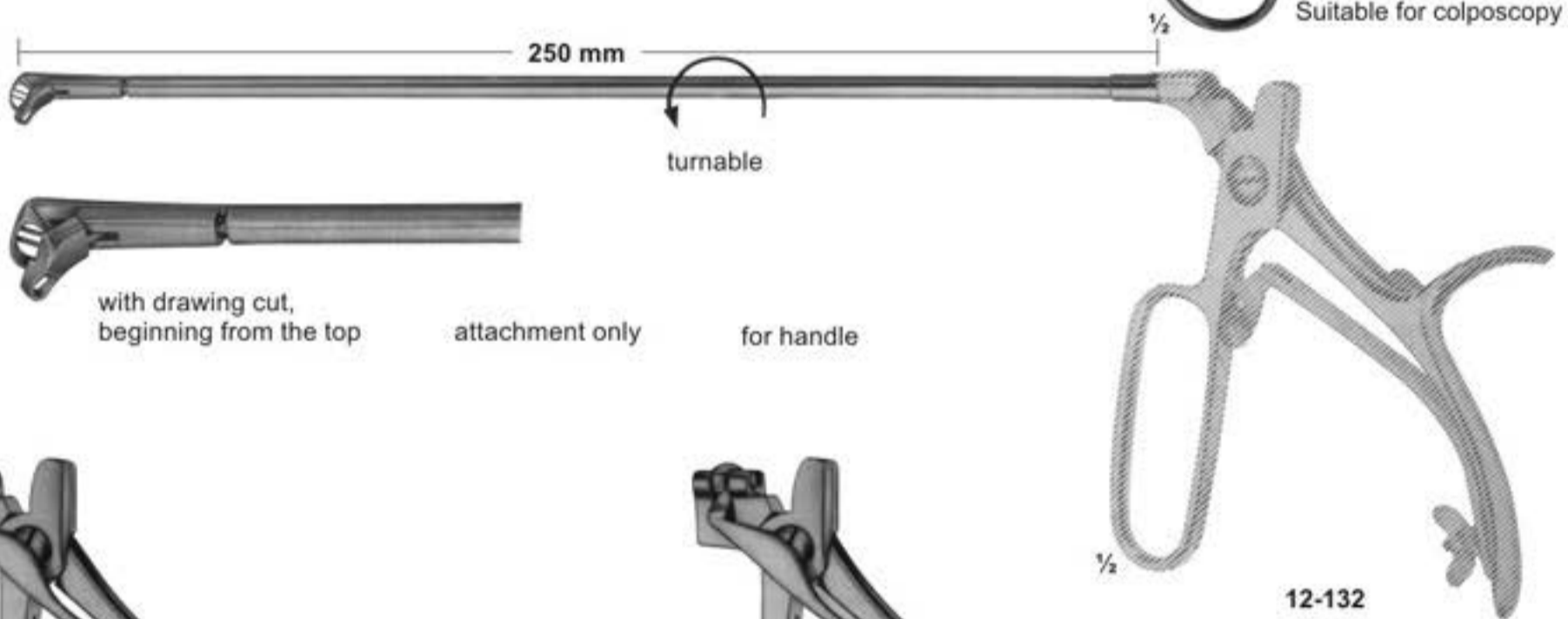
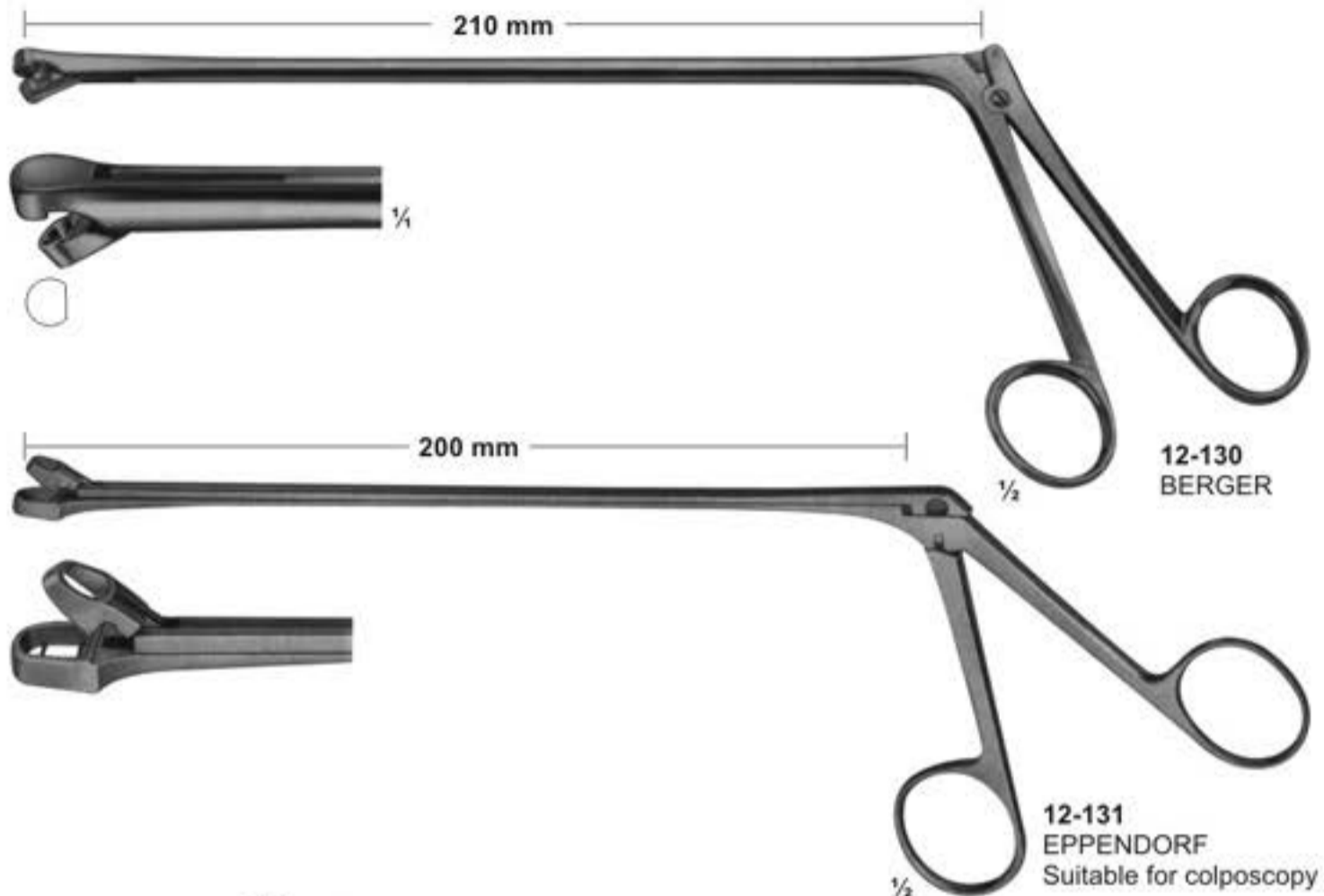
Biopsy forceps for rectum



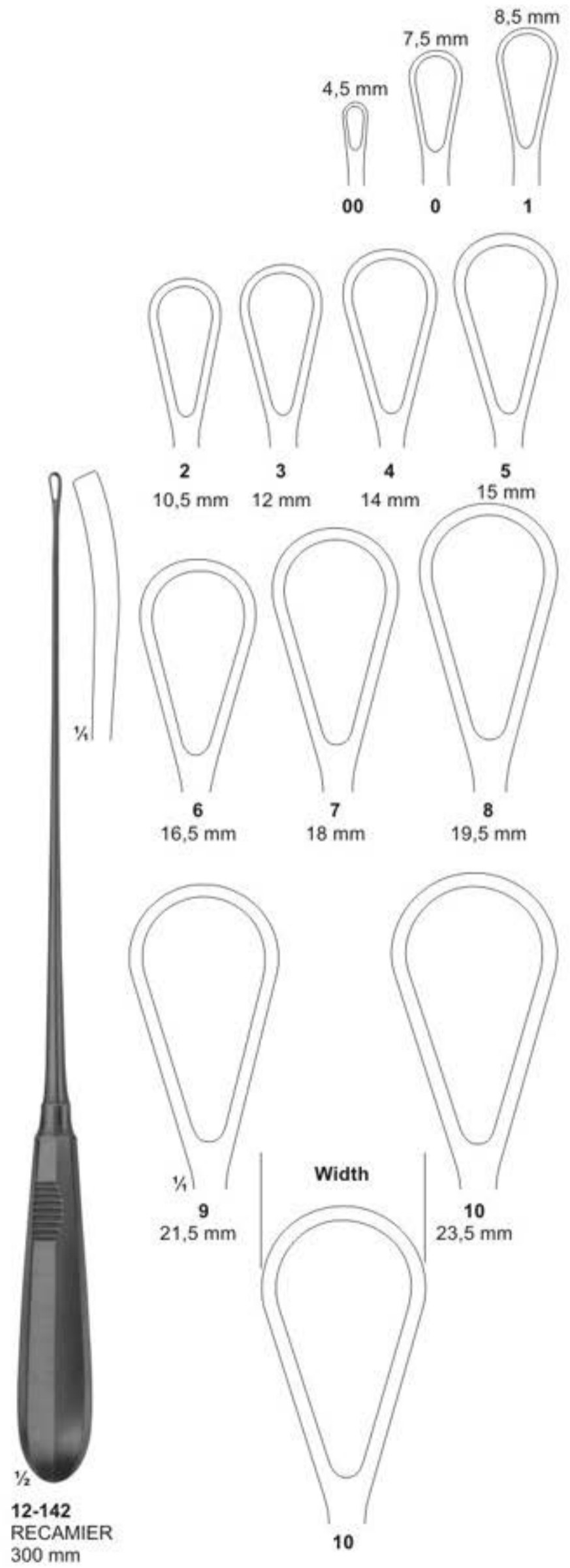
Biopsy Forceps



Biopsy Forceps



Uterine Scoops



Obstetrical Forceps



13-101
NAEGELE
355 mm

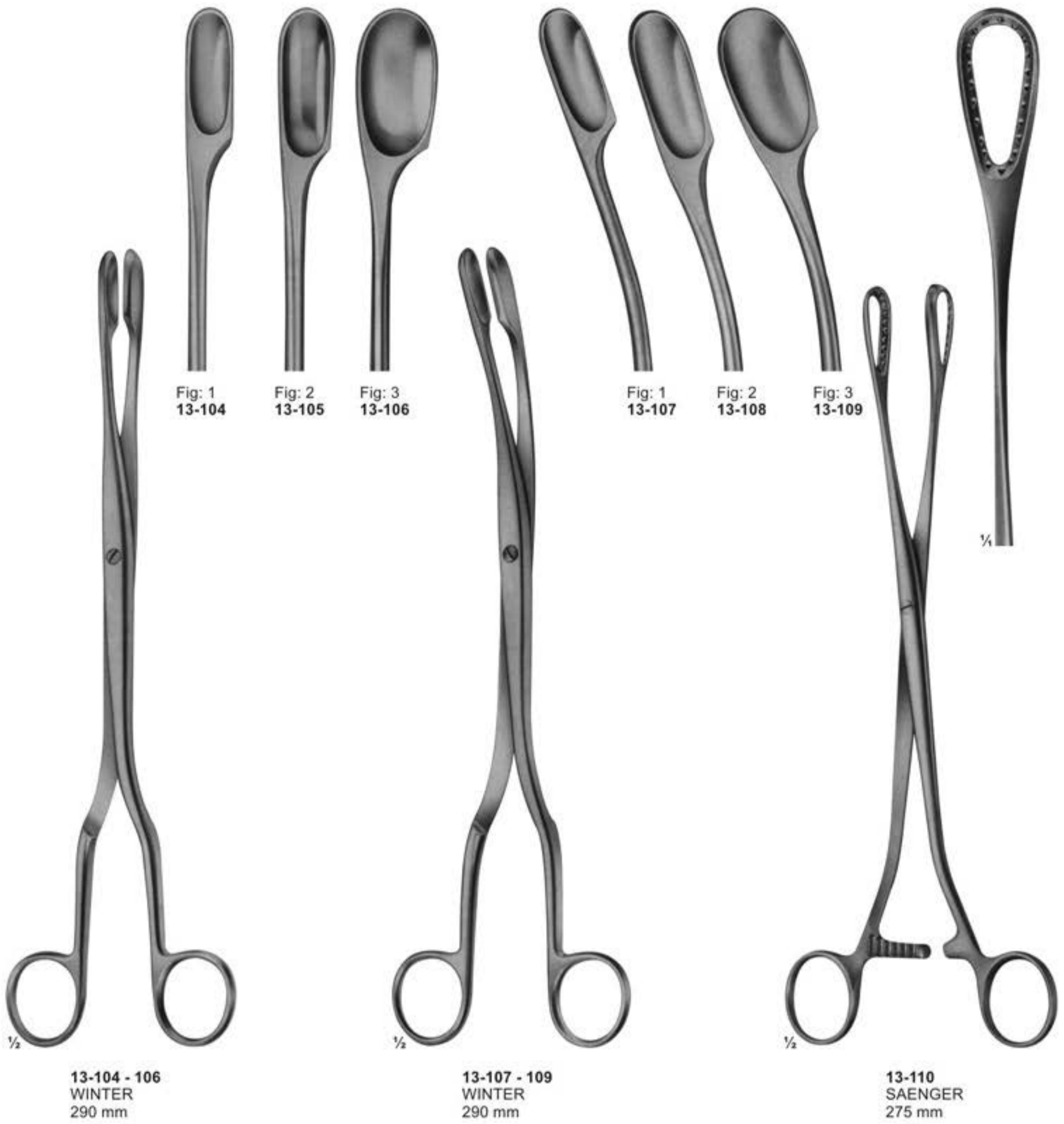


13-102
NAEGELE
400 mm

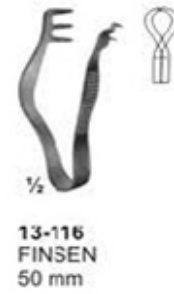
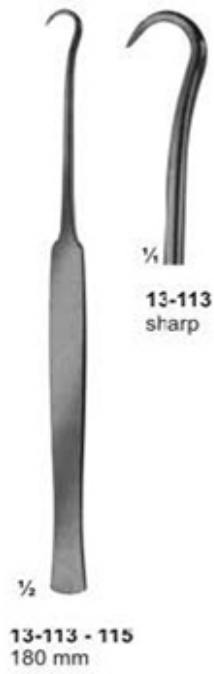
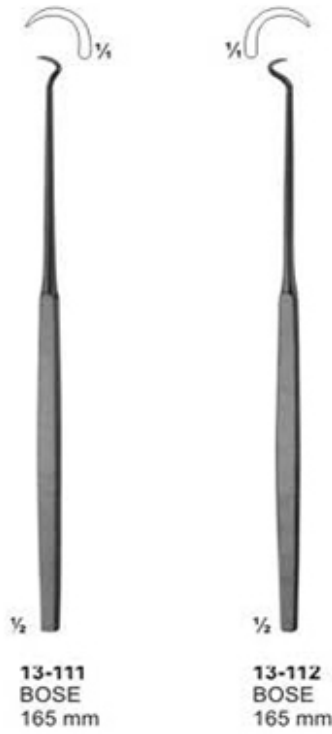


13-103
SIMPSON-BRAUN
305mm

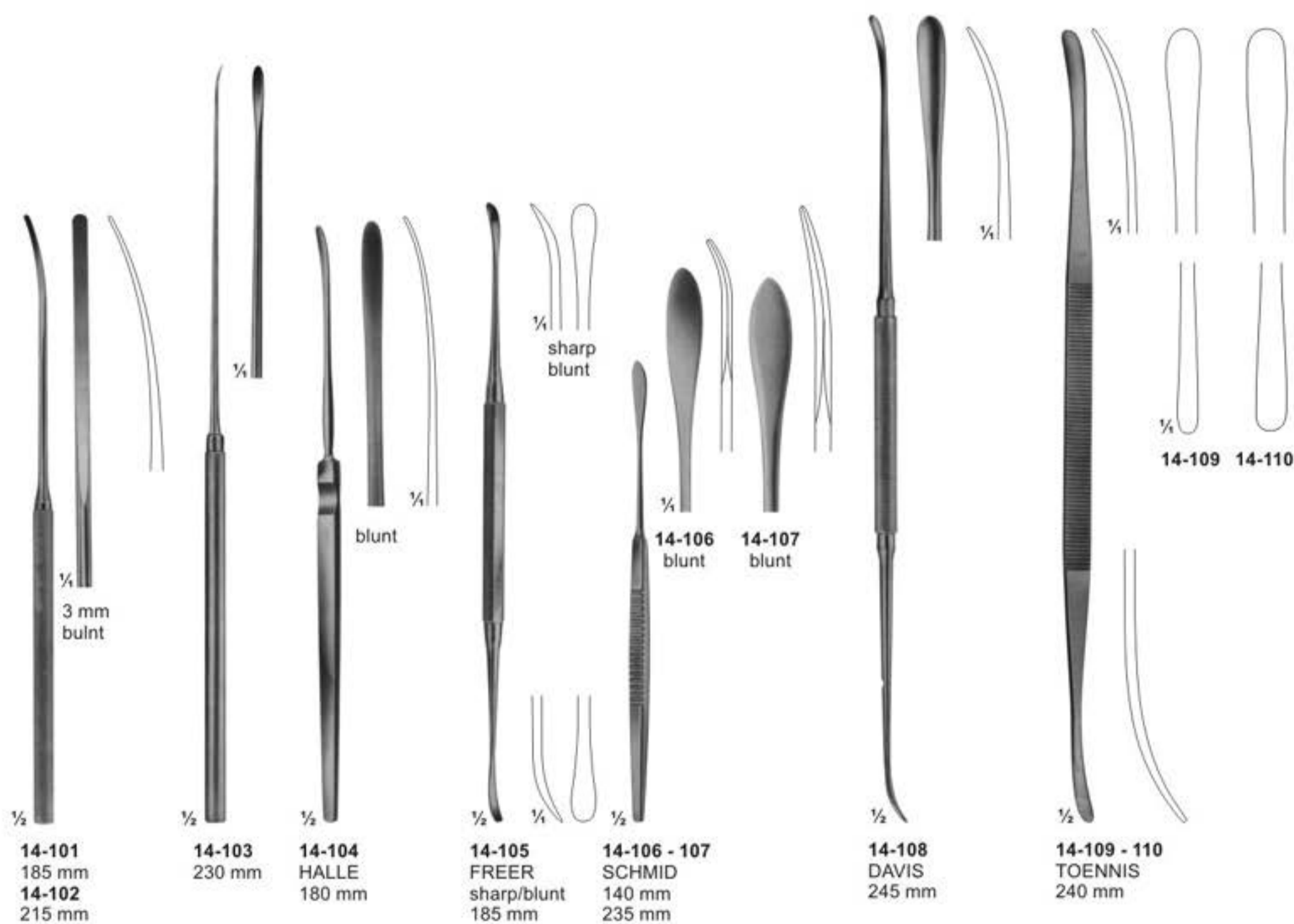
Obstetrics- Placenta and Ovum Forceps



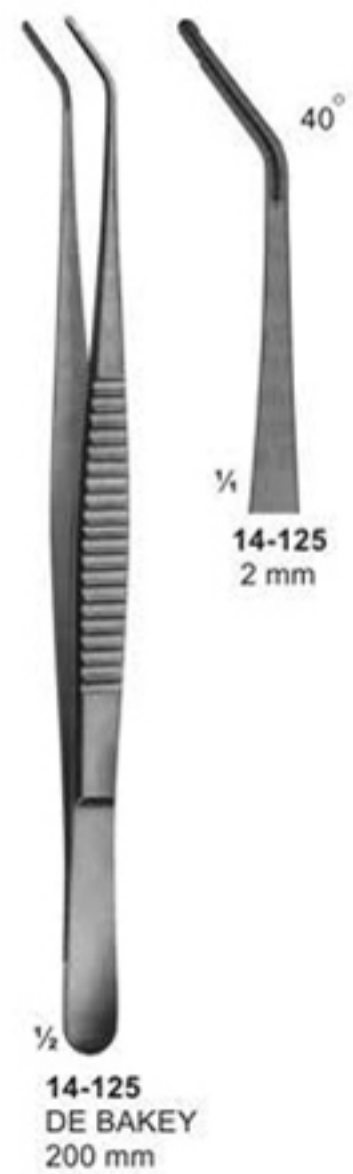
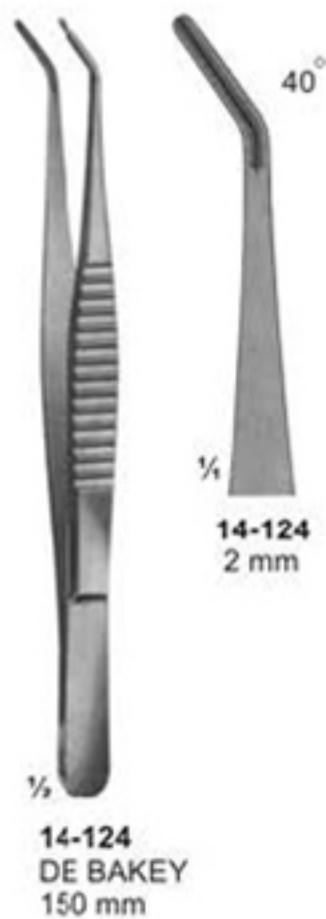
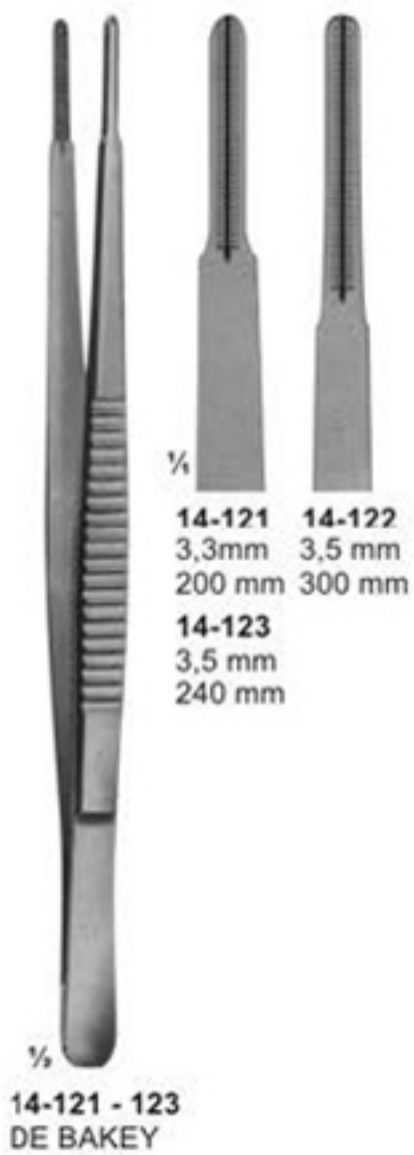
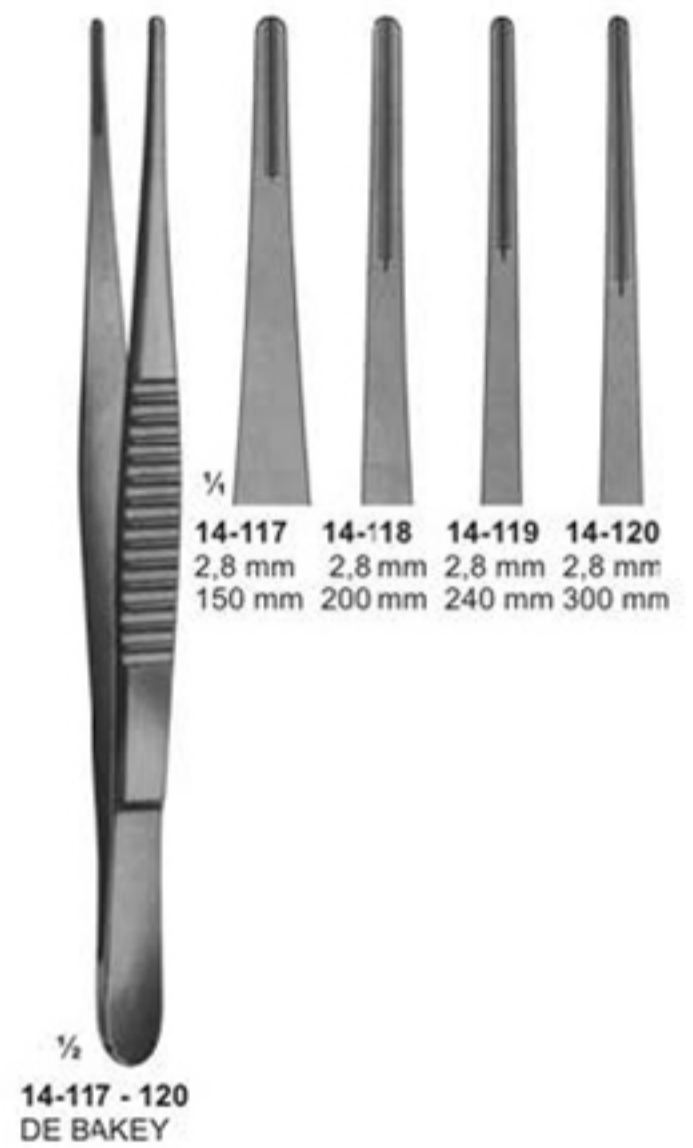
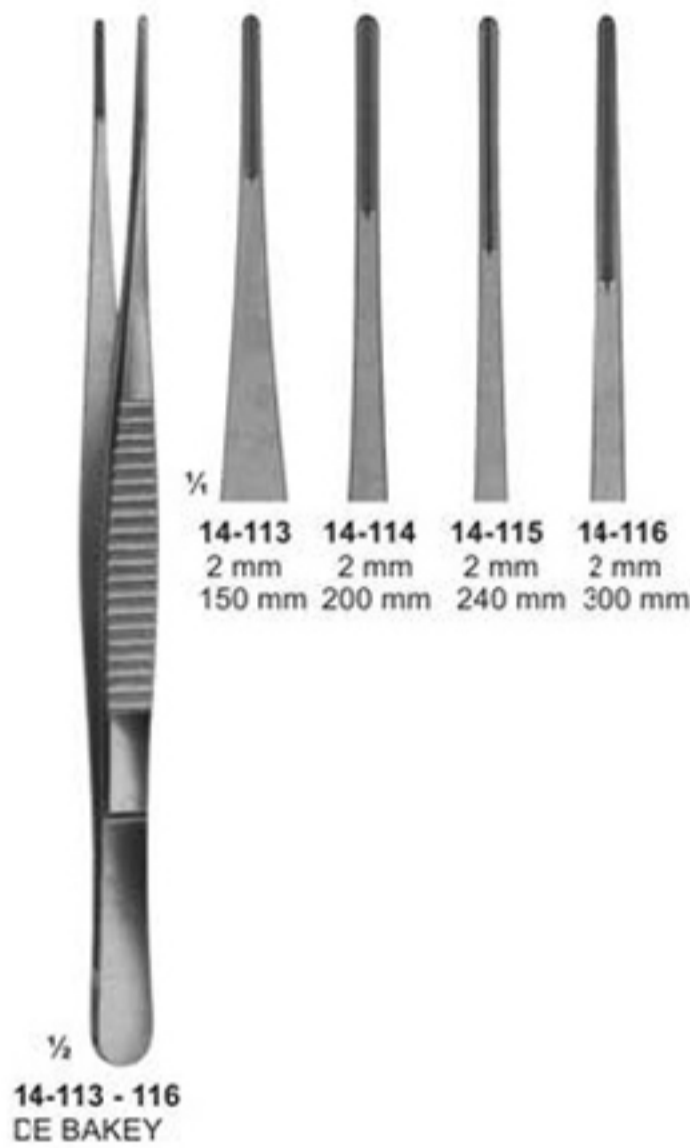
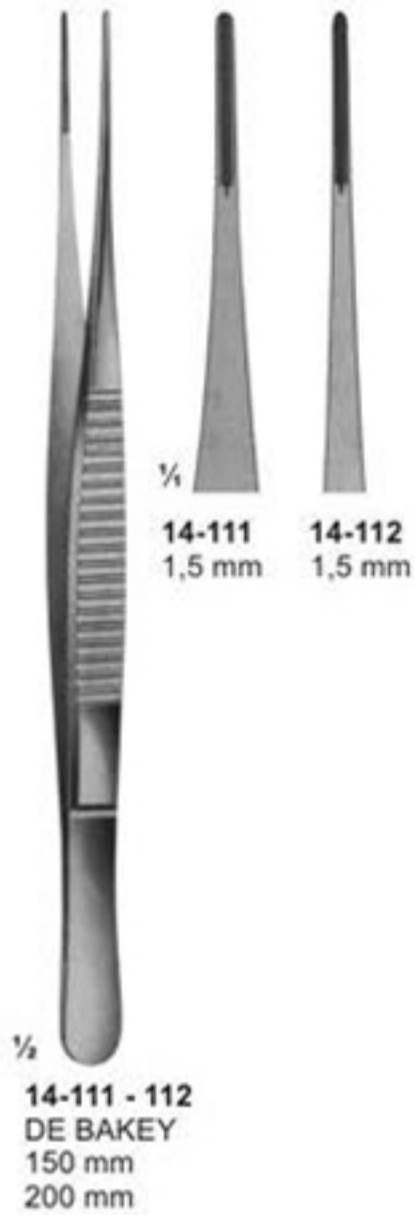
Tound-and Tracheal Hooks and Dilators



Vascular Spatulas

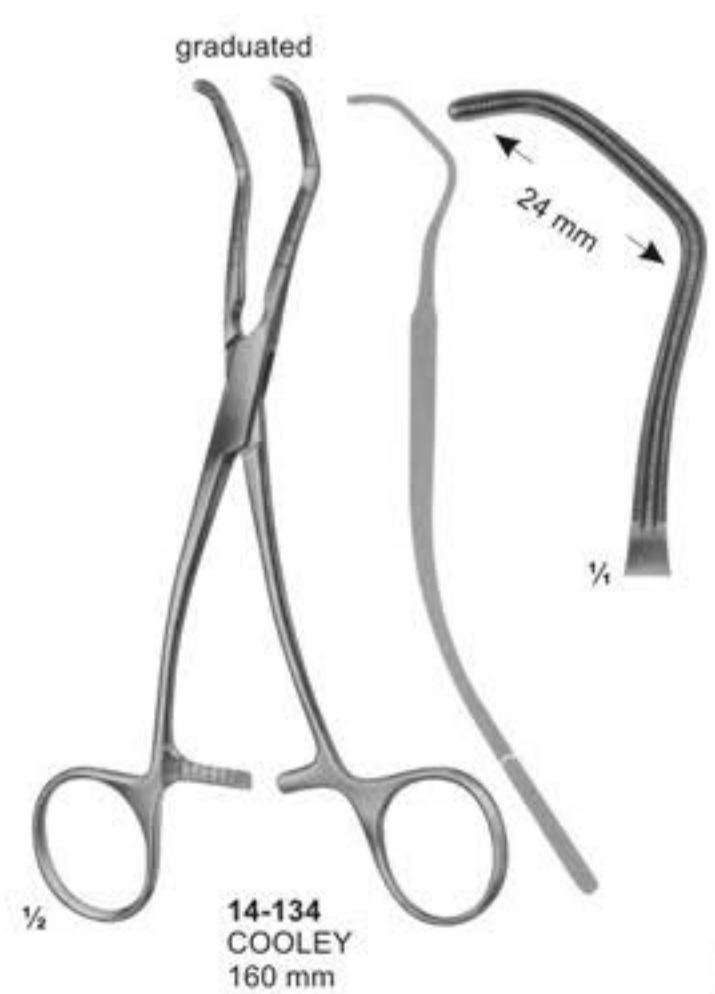
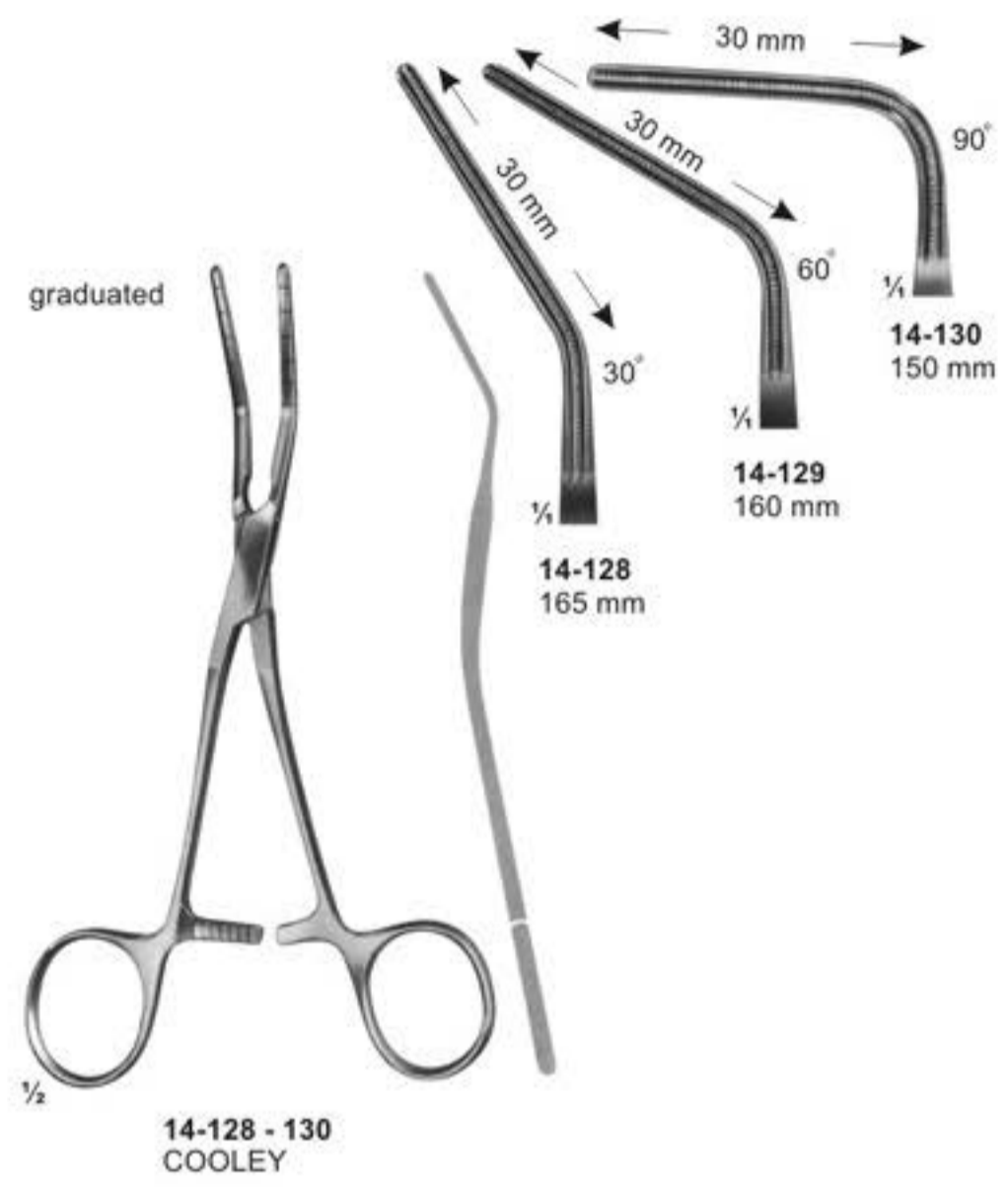
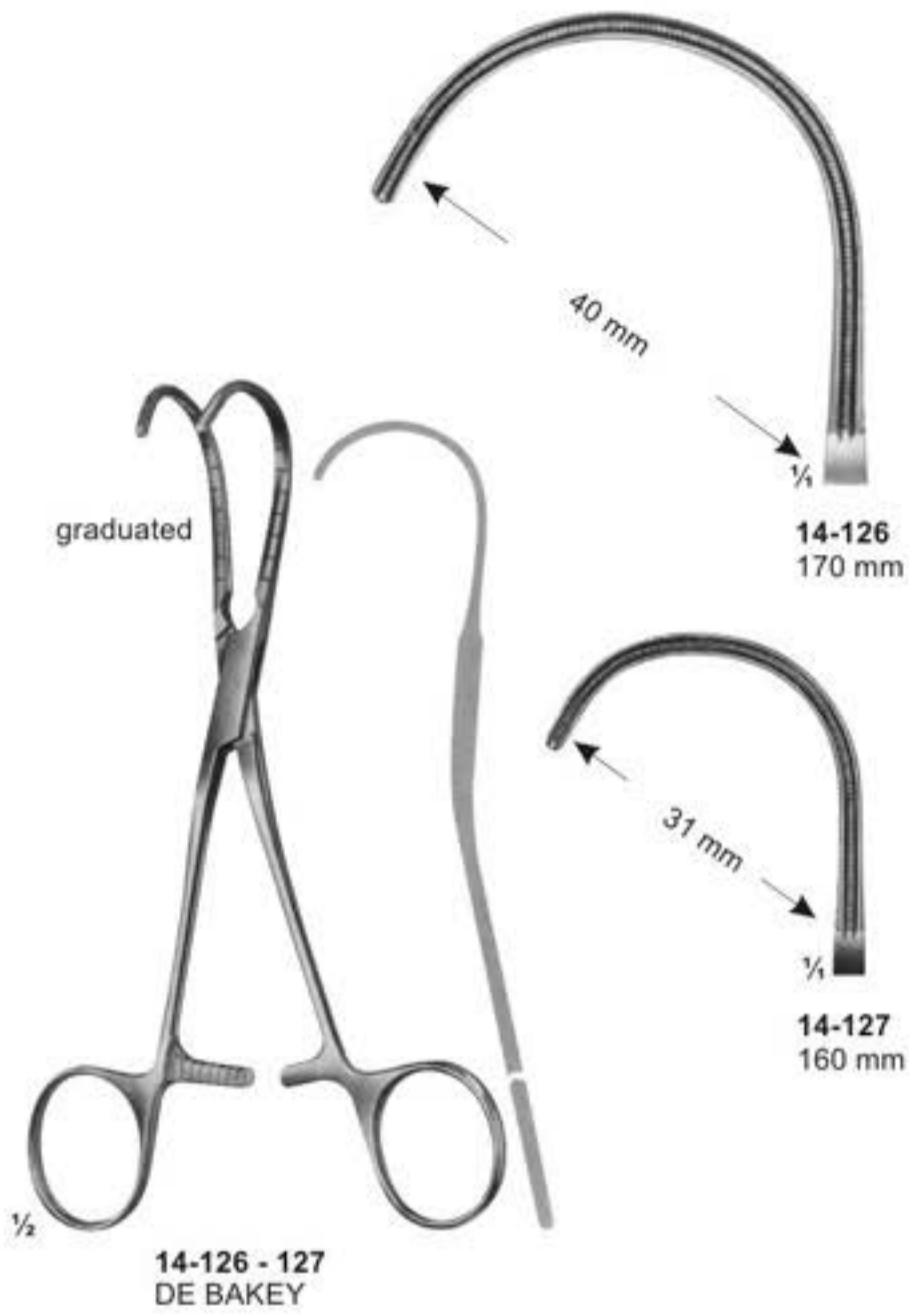


**ATRAUMATA
Forceps**



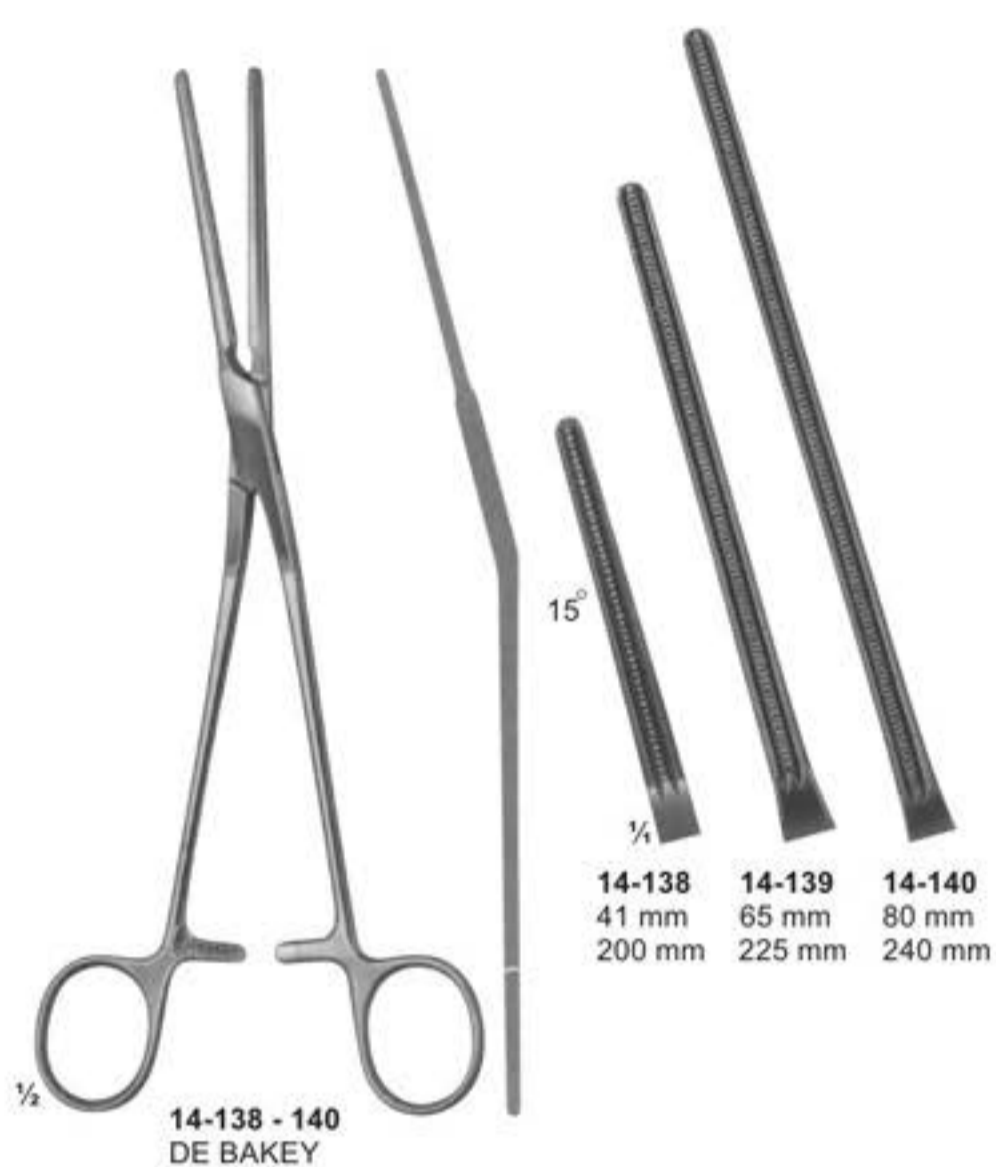
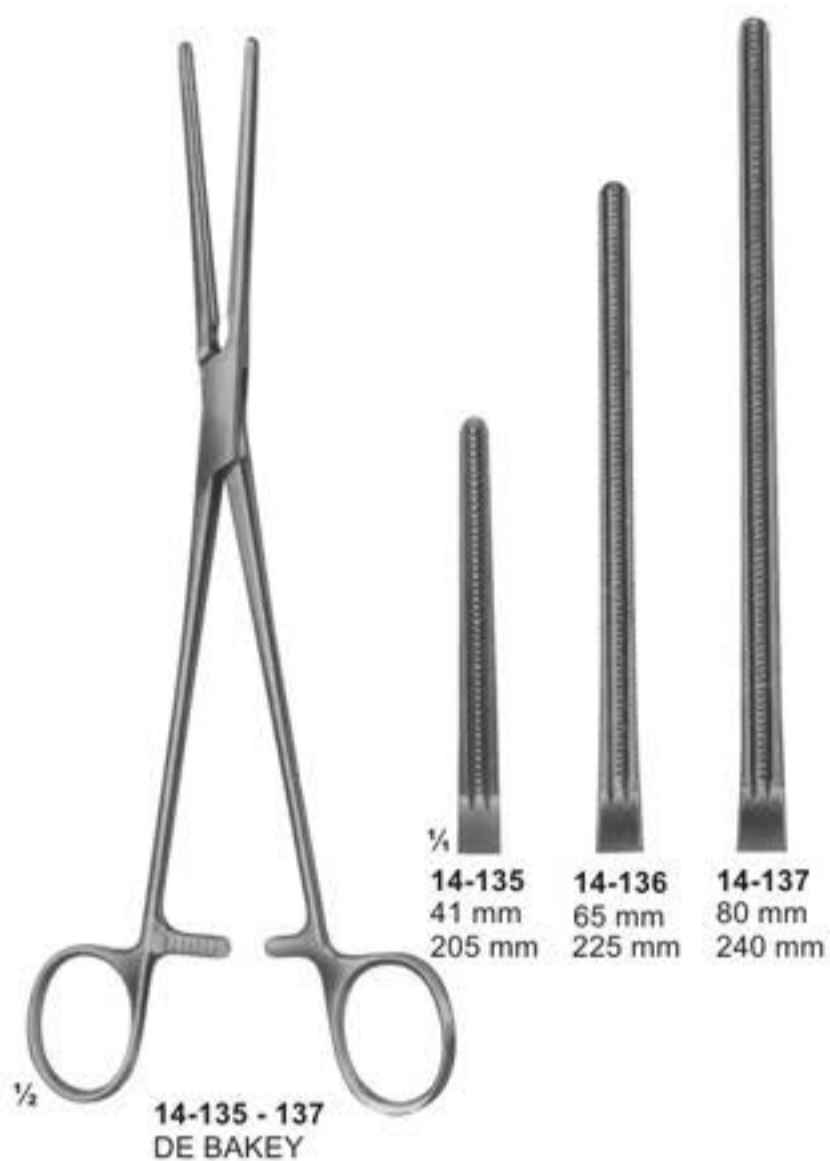
ATRAUMATA

Anastomosis- and Multi- Purpose- Clamps- Pediatric types



ATRAUMATA

Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamps



Aorta- Anastomosis Clamps



L
14-144
WEBER
260 mm

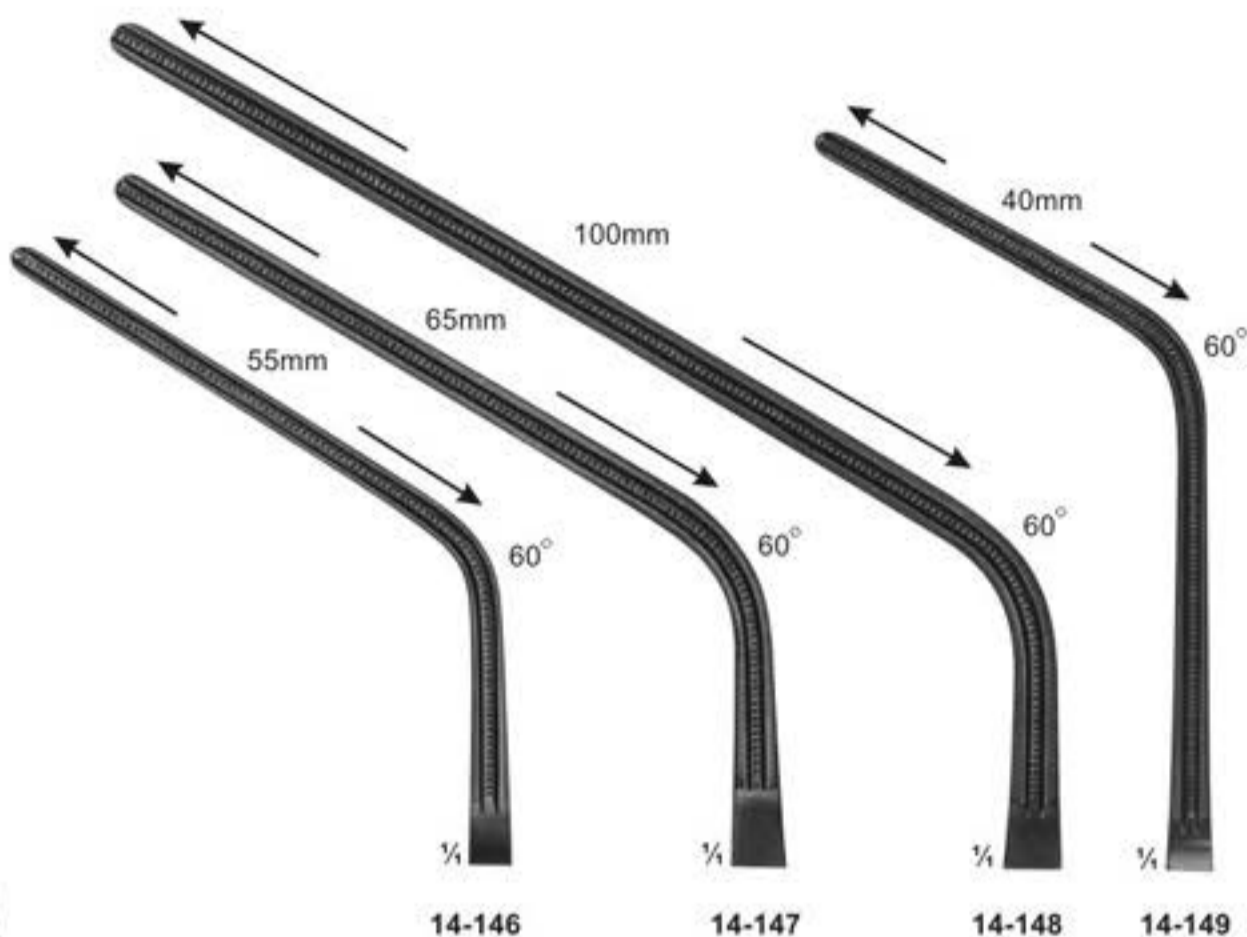


R
14-145
WEBER
260 mm

Multi- Purpose-Clamps



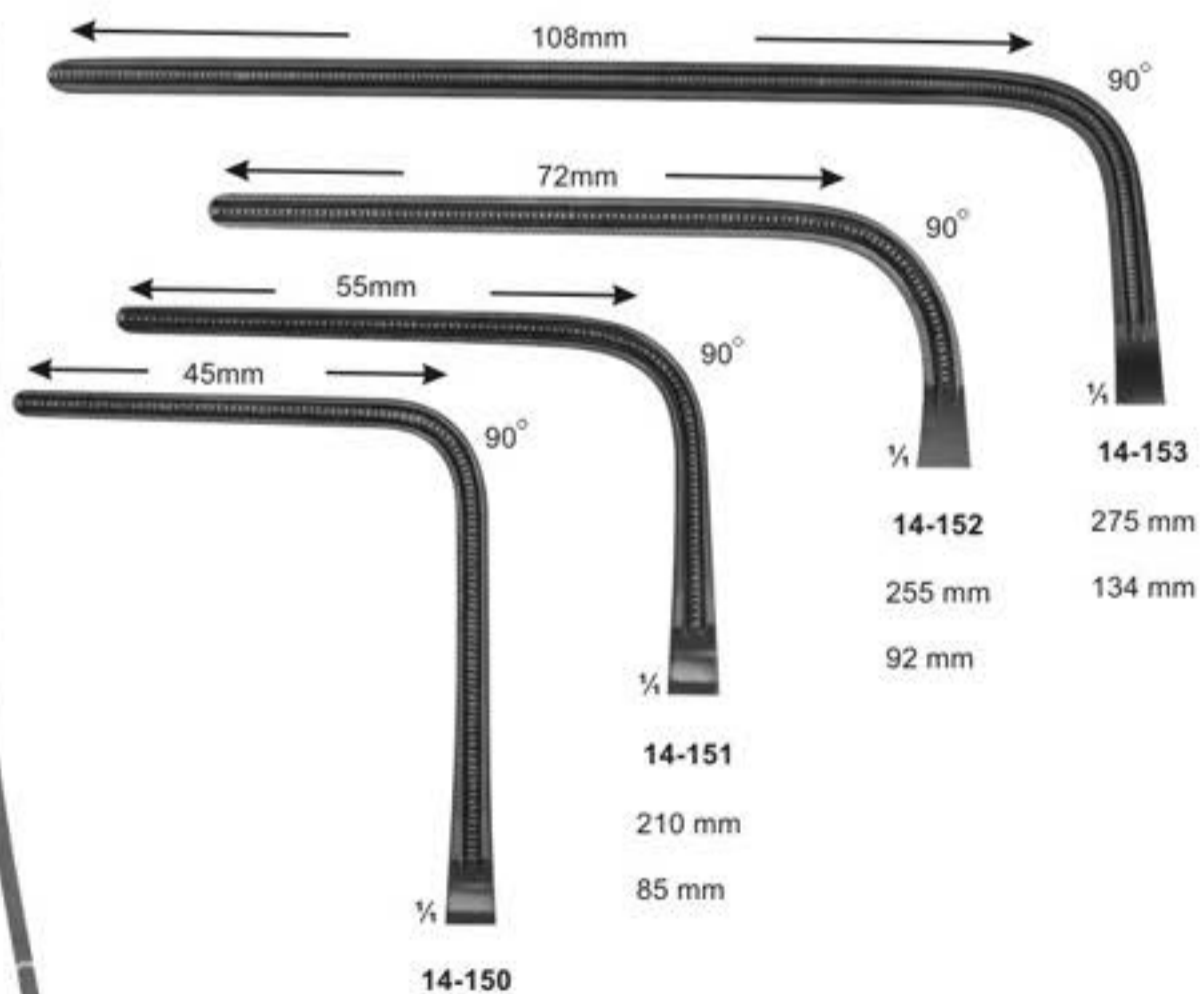
1/2 **14-146 - 149**
DE BAKLEY



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



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



Total Length:	225 mm
Length of jaws:	93 mm

Sternum Instruments and Rib Shears



14-154
SCHUMACHER
Sternum shears
210 mm



14-155
LEBSCHKE
Sternum chisel
200 mm



14-156
230 mm



14-157
COLLIN
195 mm



14-158
GLUCK
190 mm



14-159
BETHUNE
340 mm

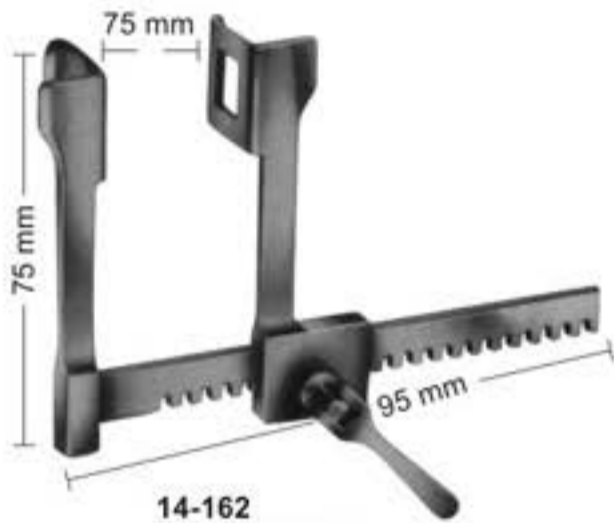


14-160
BRUNNER
Universal pattern
340 mm

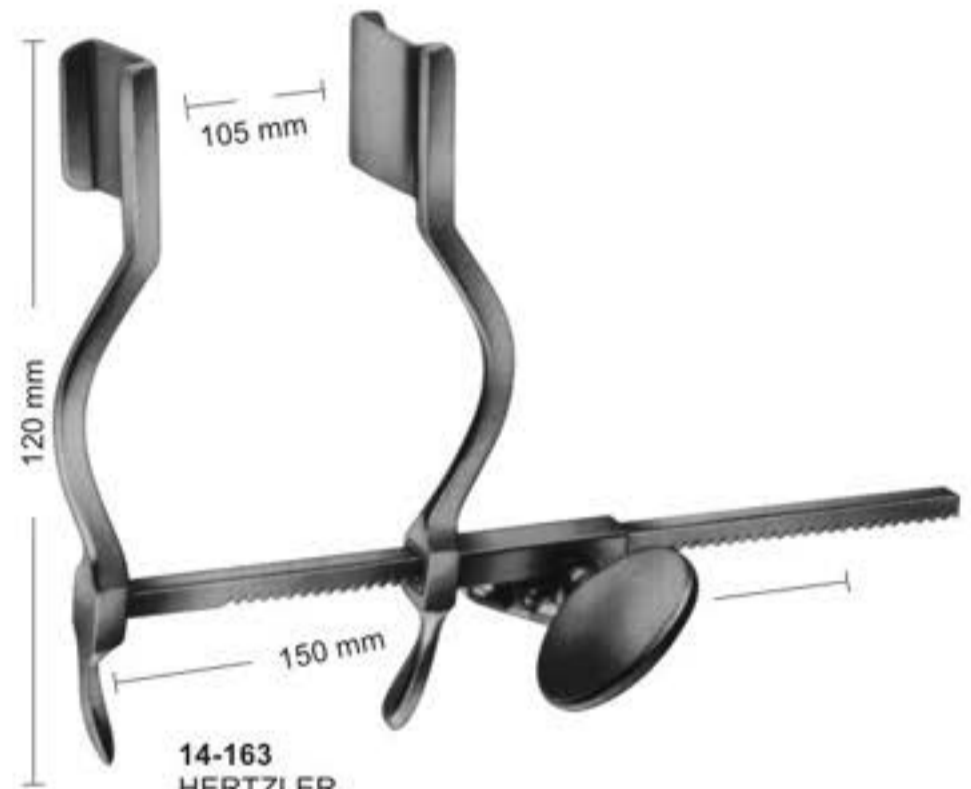


14-161
GIERTZ-STILLE
250 mm

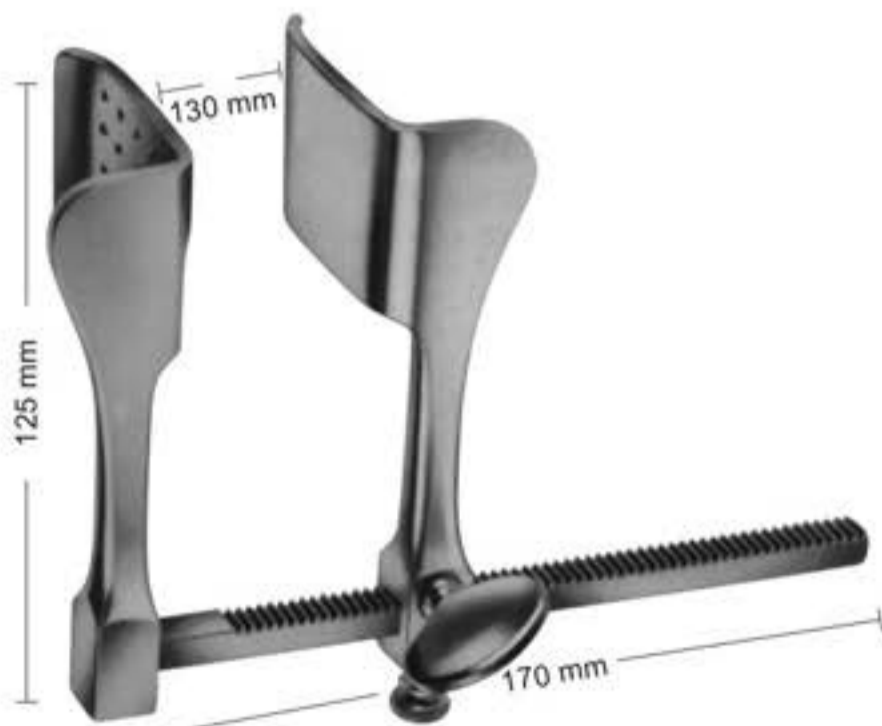
Rib Spreaders



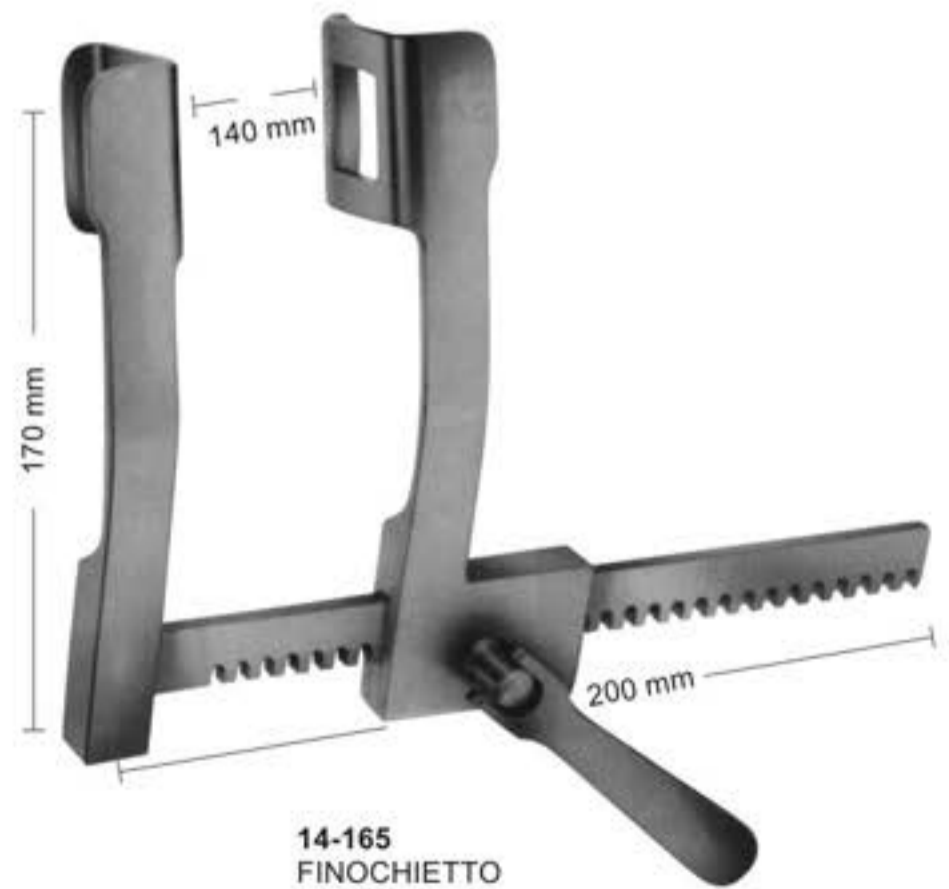
14-162
FINOCHIETTO
Blades
18X21 mm



14-163
HERTZLER
Blades
20X25 mm



14-164
TUFFIER
Blades
43X53 mm



14-165
FINOCHIETTO
Blades
36X45 mm

Rib Spreaders-and Contractors



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



14-167
BAILEY
150 mm




14-168
for children

14-169
for adults

14-168 - 169
BAILEY
200 mm


Punches


130° upwards cutting


15-101
1 mm 

KERRISON - JACOBY

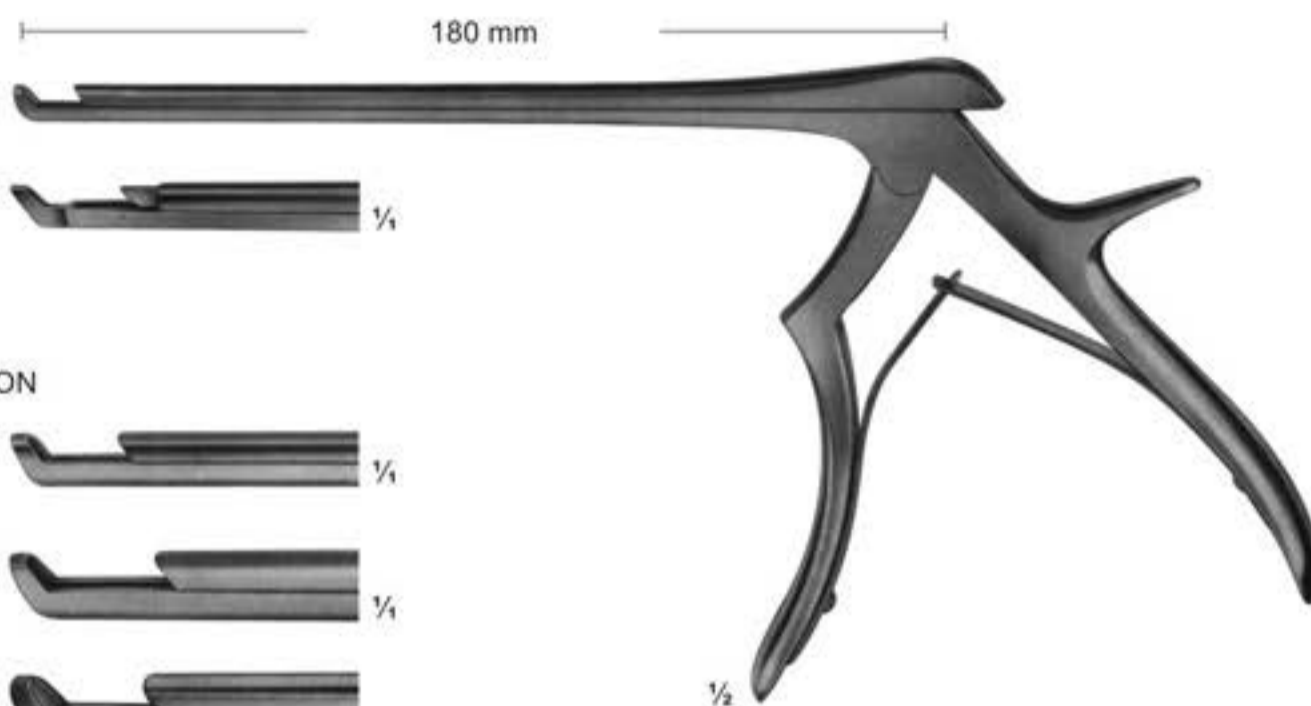
FERRIS-SMITH-KERRISON

15-102
2 mm 

15-103
3 mm 

15-104
4 mm 

15-105
5 mm 




15-101 - 105


90° upwards cutting


15-106
1 mm 

KERRISON - JACOBY

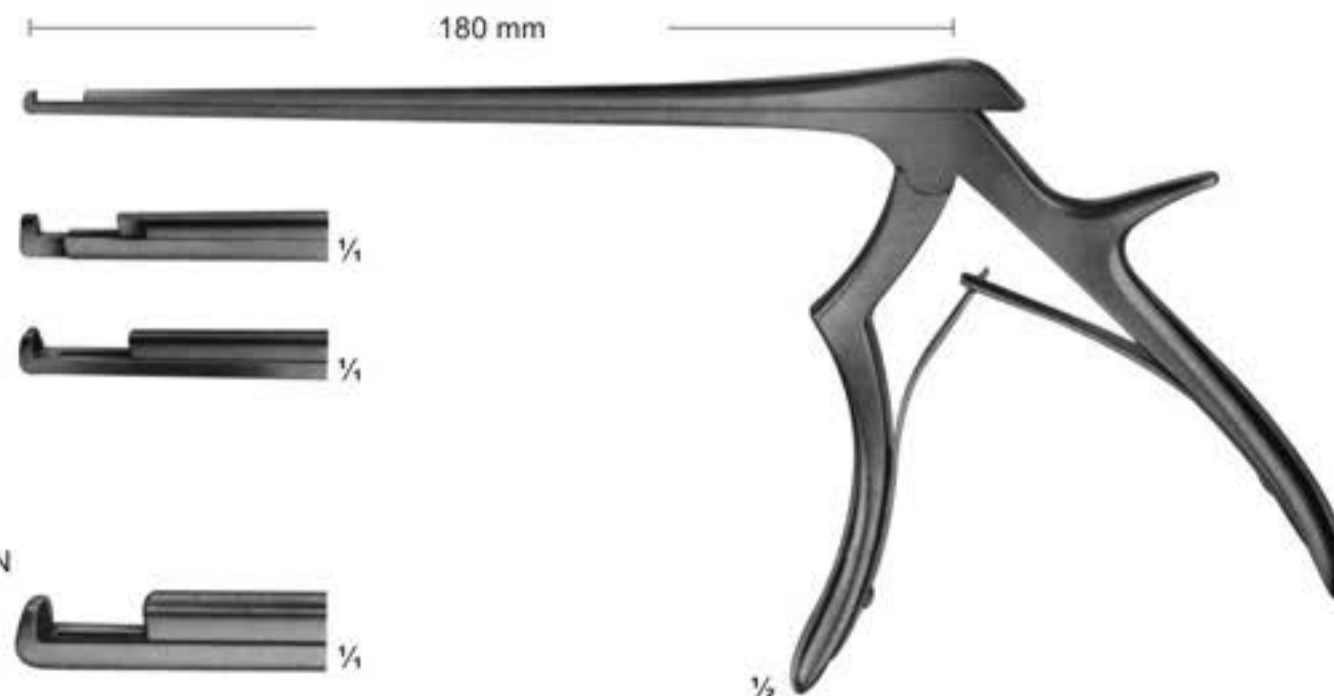
15-107
2 mm 

FERRIS-SMITH-KERRISON

15-108
3 mm 

15-109
4 mm 

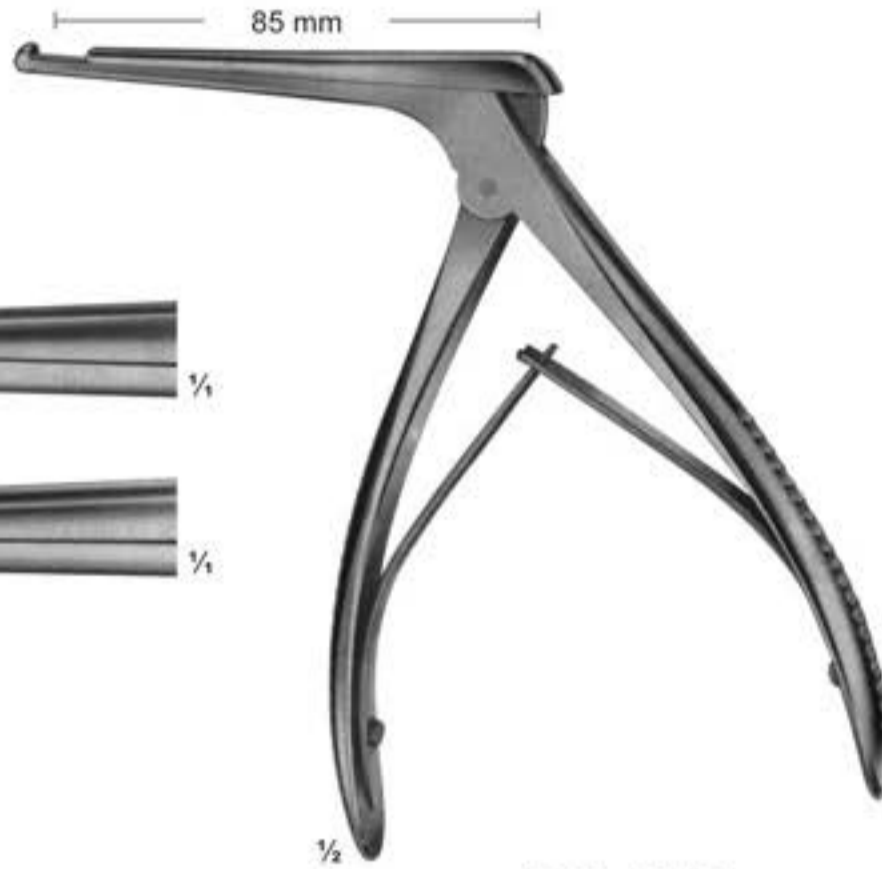
15-110
5 mm 



15-106 - 110

Punches

90° upwards cutting



15-111
4 mm

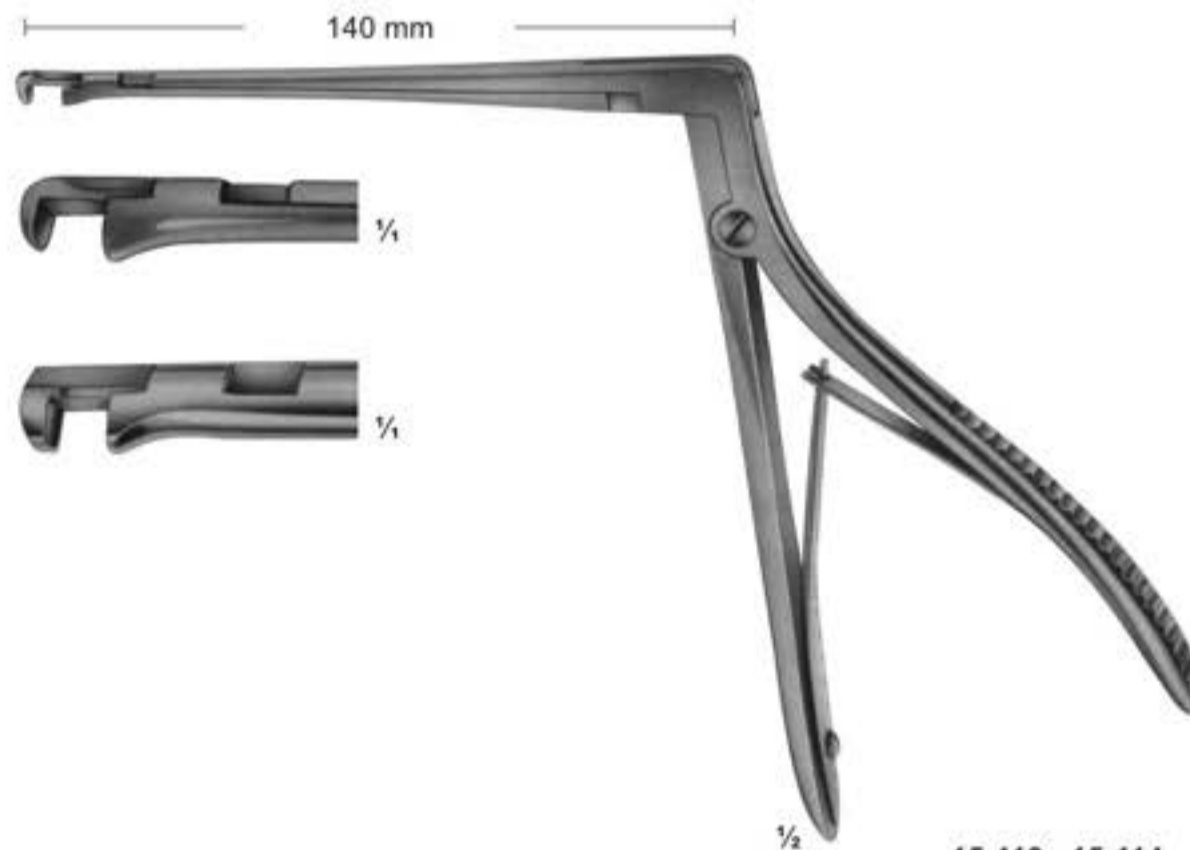


15-112
5 mm



15-111 - 15-112
KERRISON

90° upwards cutting



15-113
3,3 mm



15-114
4,0 mm



15-113 - 15-114
HAJEK-KOFLER

Rongeurs

LOVE-GRUENWALD

15-115
2 X 10 mm



15-116
3 X 10 mm



SPURLING

15-117
4 X 10 mm



15-115 - 15-117

15-118
2 mm



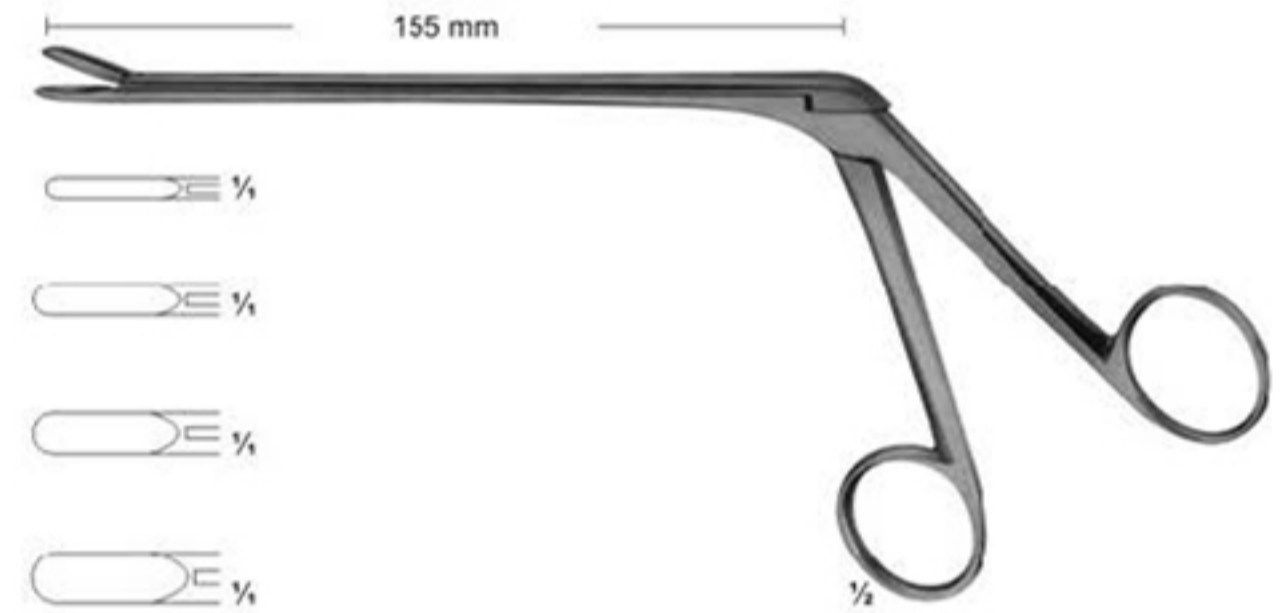
15-119
3 mm



15-120
4 mm



15-121
5 mm



15-118 - 15-121
CASPAR

150°

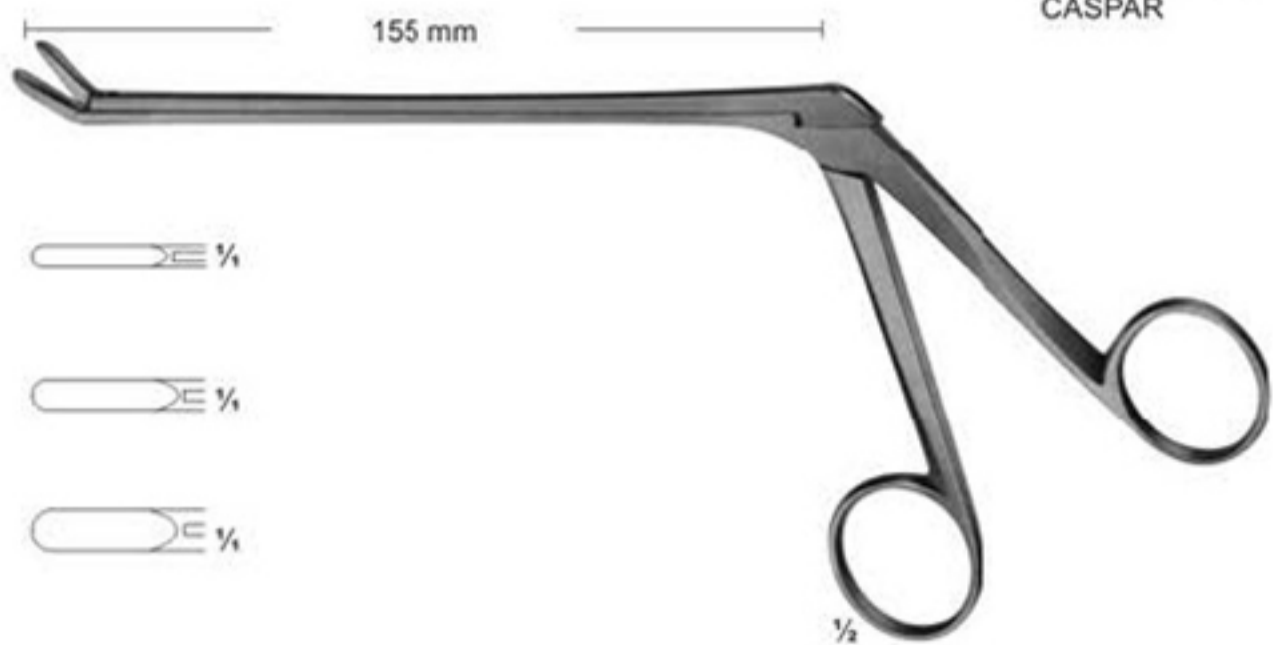
15-122
2 mm



15-123
3 mm



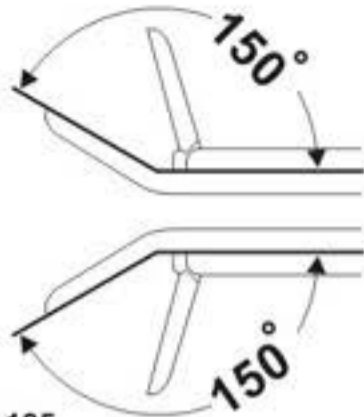
15-124
4 mm



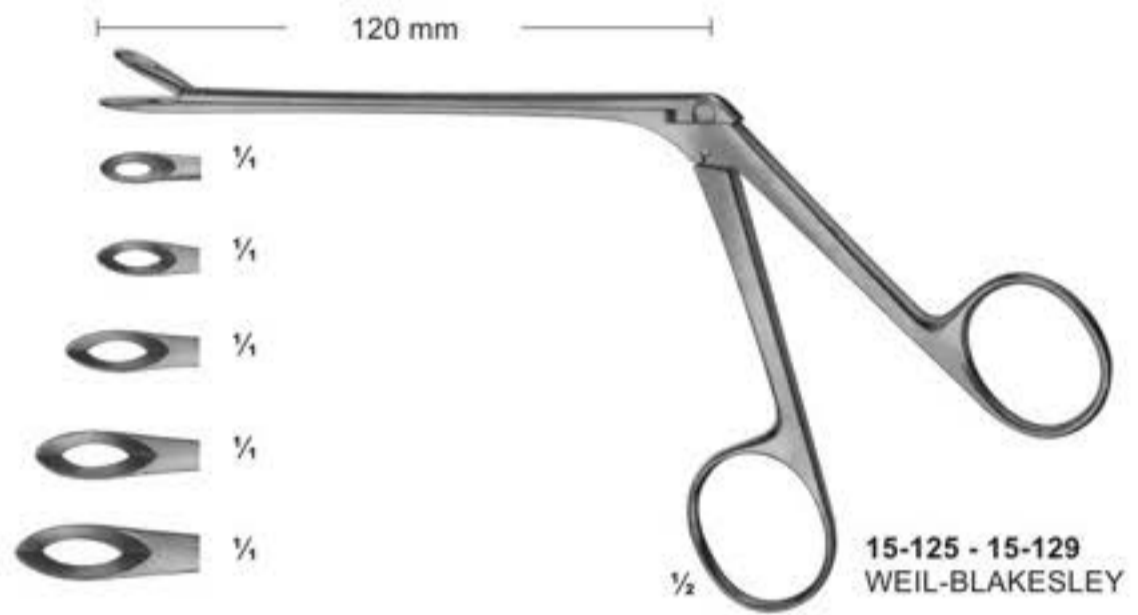
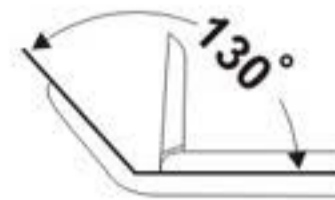
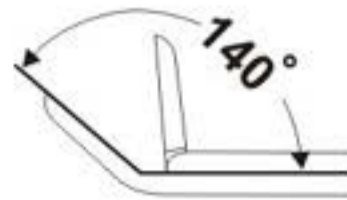
15-122 - 15-124
CASPAR

Rongeurs

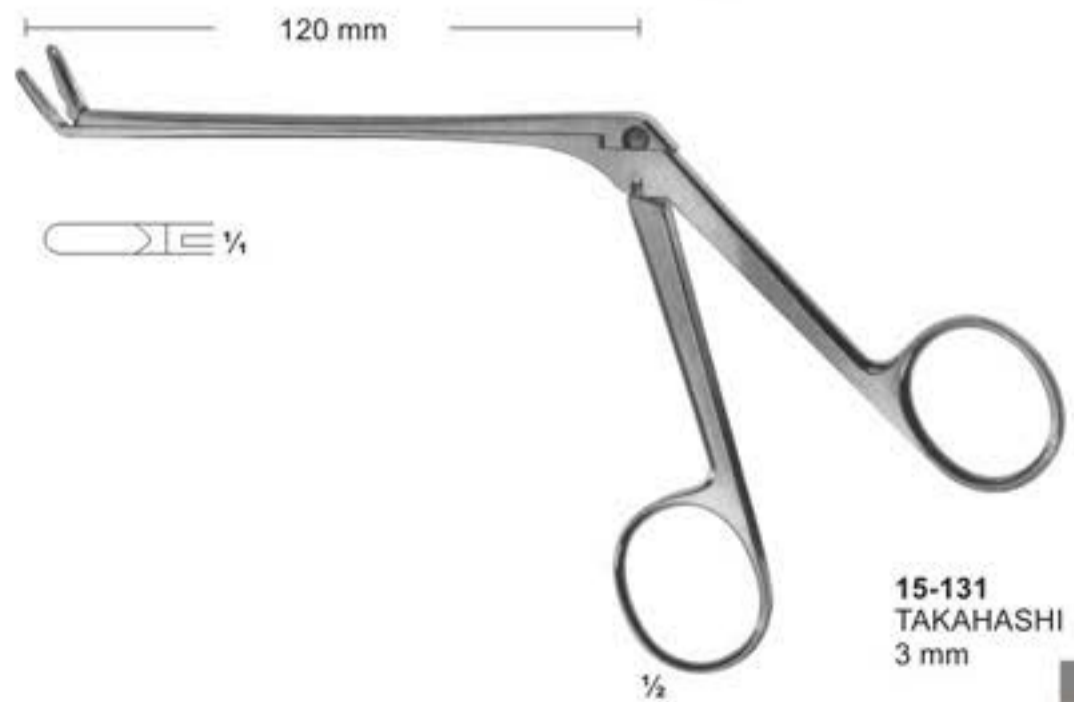
Angled positions for rongeurs



- 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

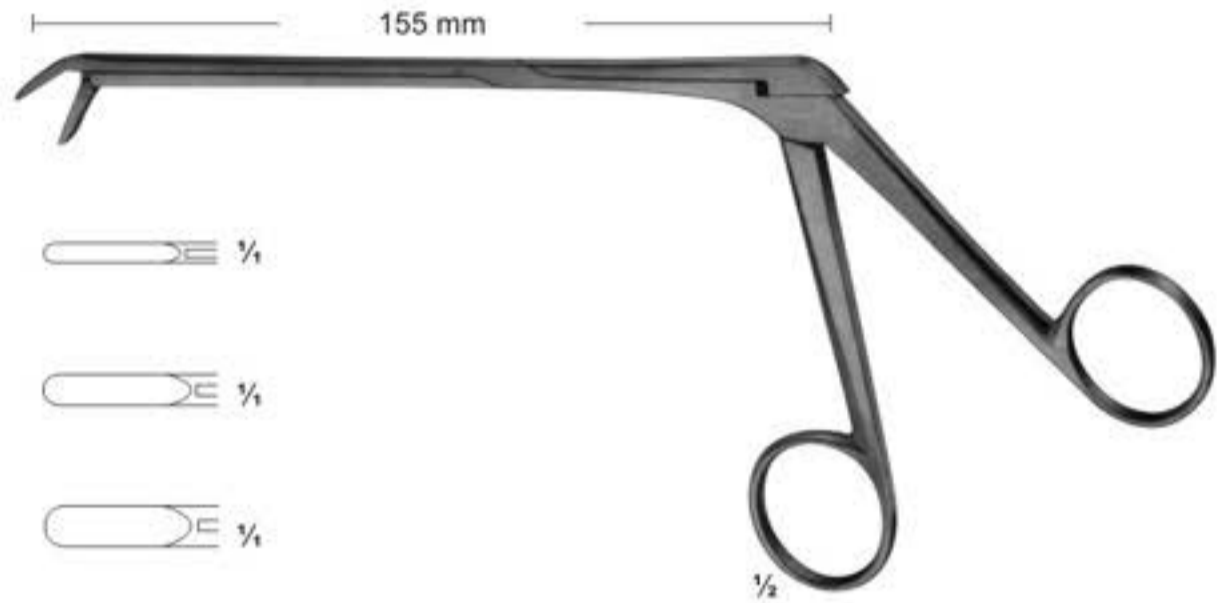
150°

Lower part of jaws movable

15-132
2 mm

15-133
3 mm

15-134
4 mm



15-132 - 15-134
CASPAR

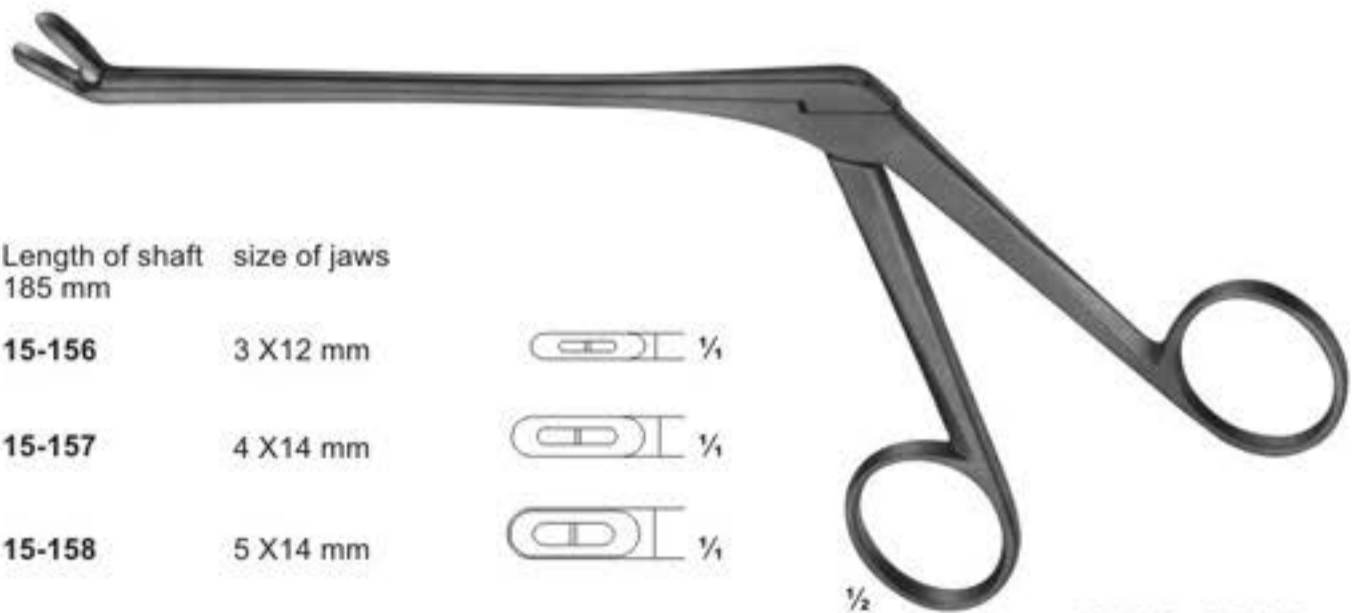
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
15-135	15-140	15-145	2 X12 mm
15-136	15-141	15-146	3 X12 mm
15-137	15-142	15-147	4 X14 mm
15-138	15-143	15-148	5 X14 mm
15-139	15-144	15-149	6 X16 mm



15-135 - 15-149
CASPAR

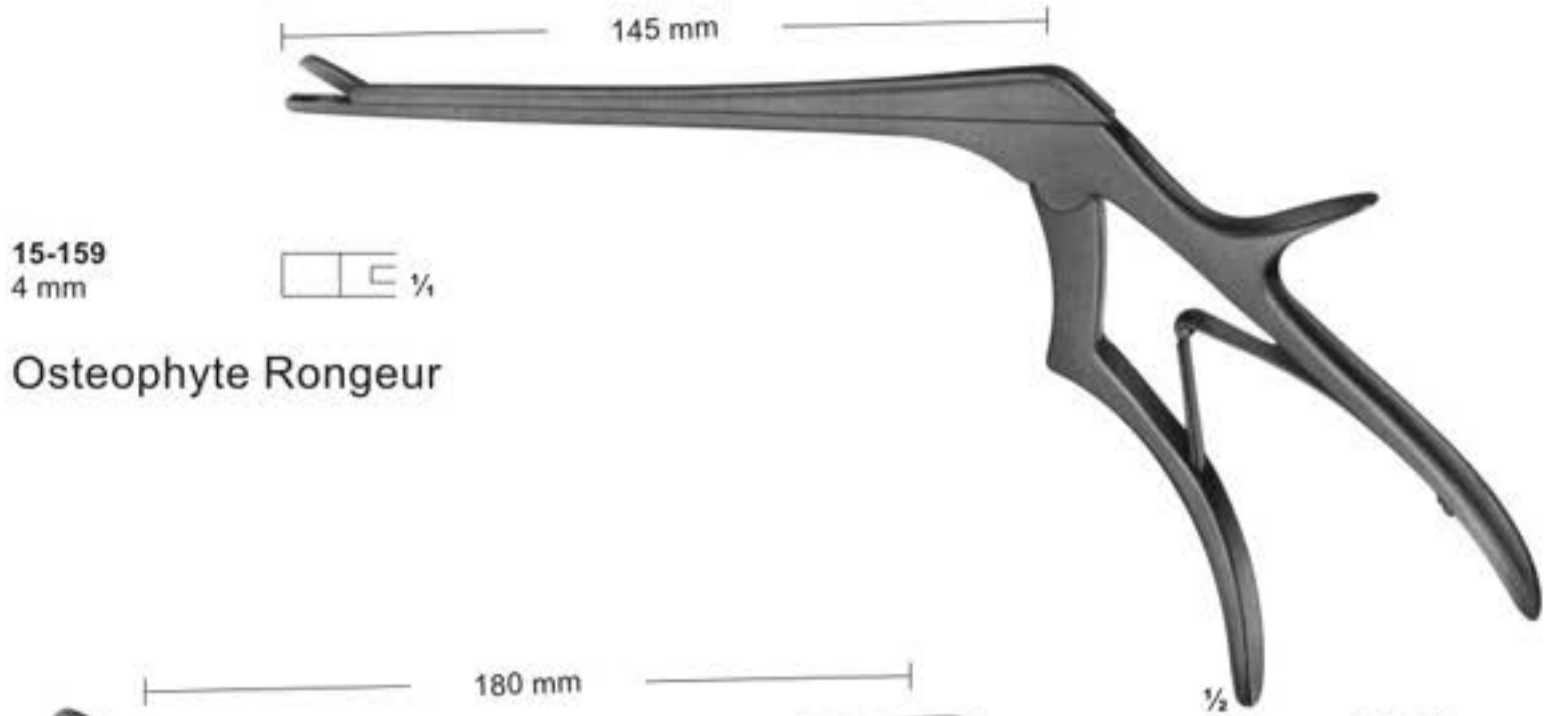
150°

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

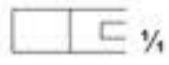


15-150 - 15-158
CASPAR

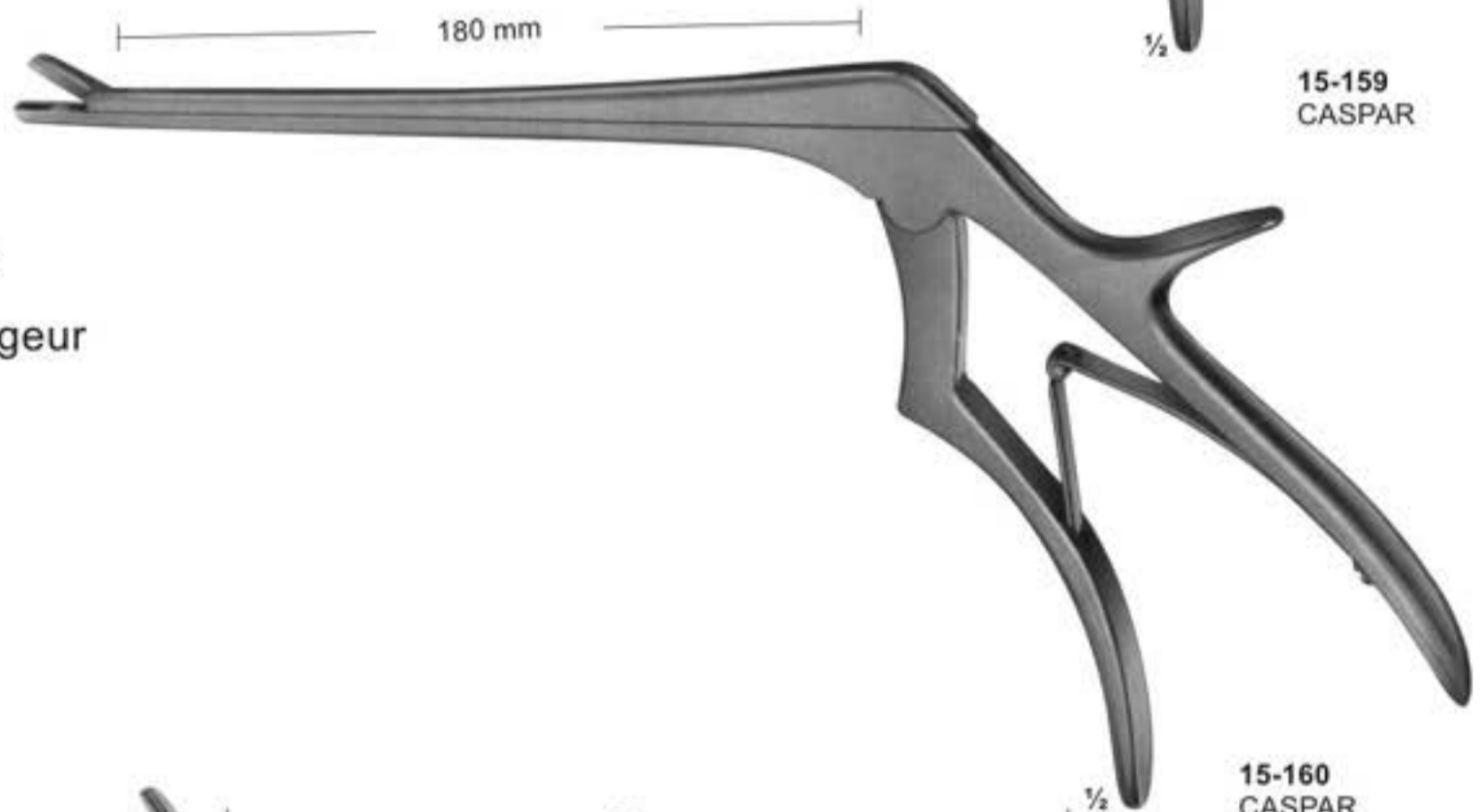
Rongeurs



15-159
4 mm



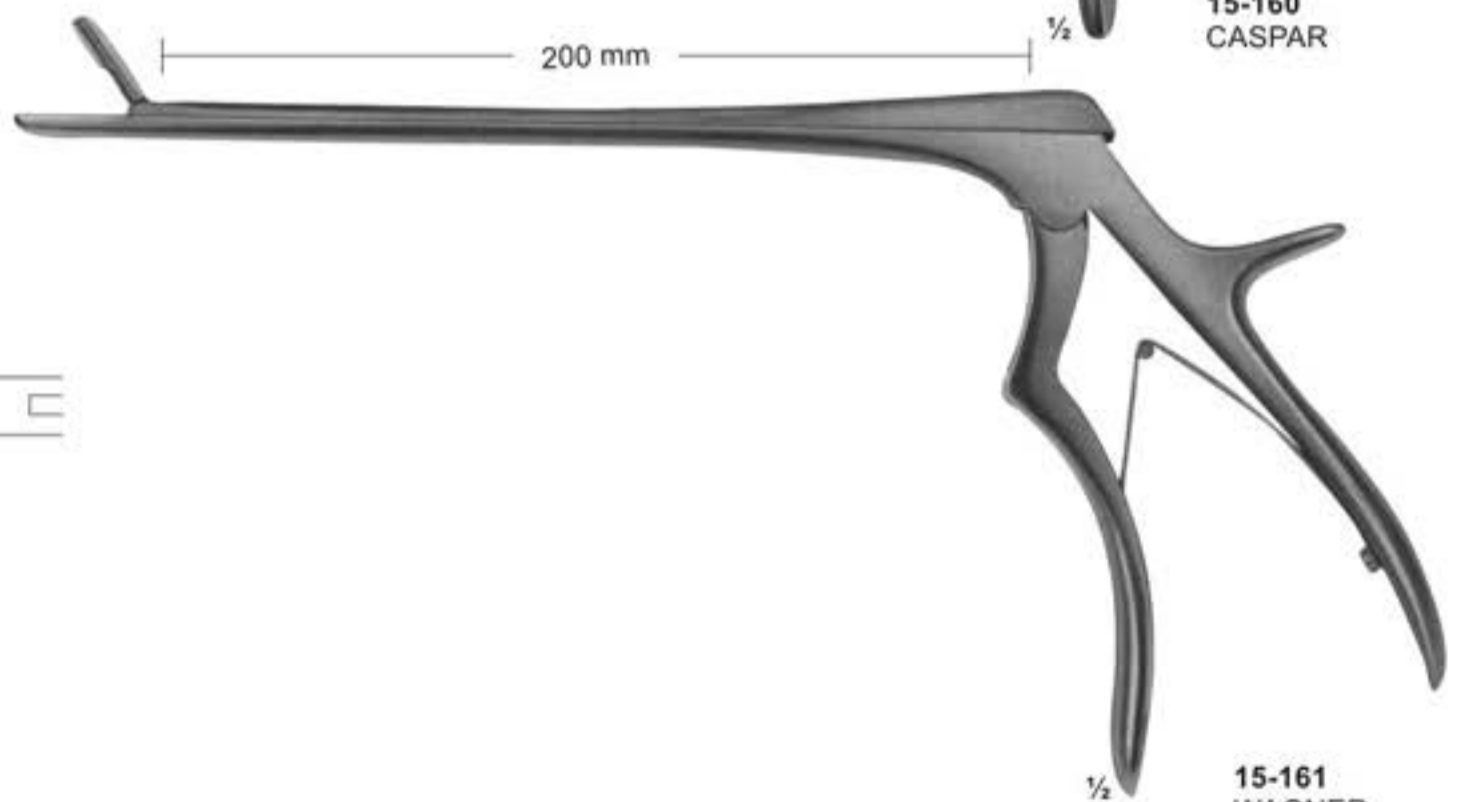
Osteophyte Rongeur



15-160
4 mm



Osteophyte Rongeur



15-161
5,5 mm



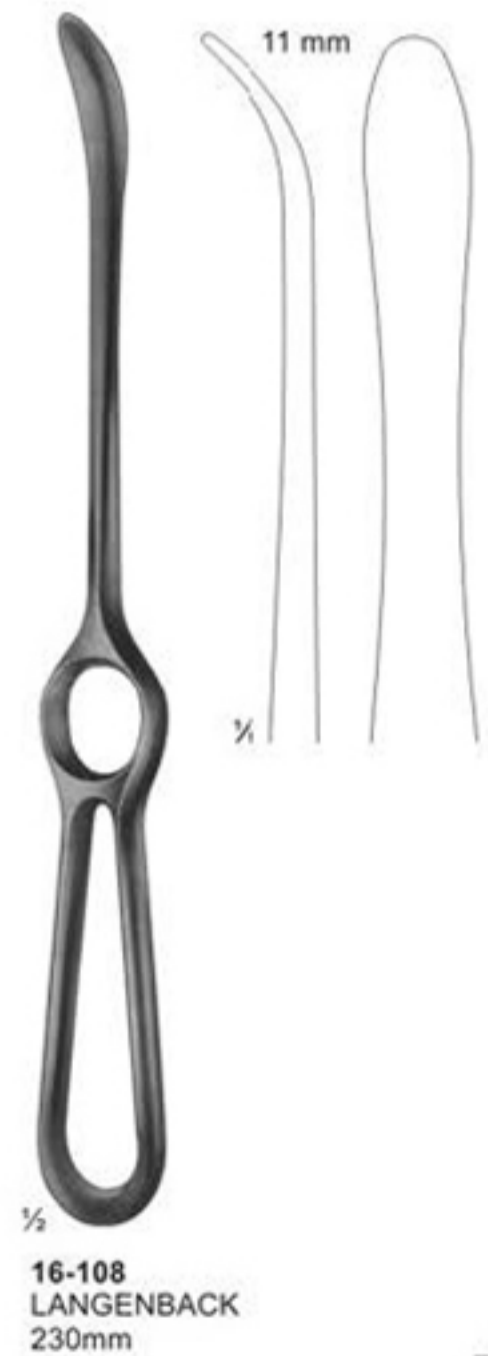
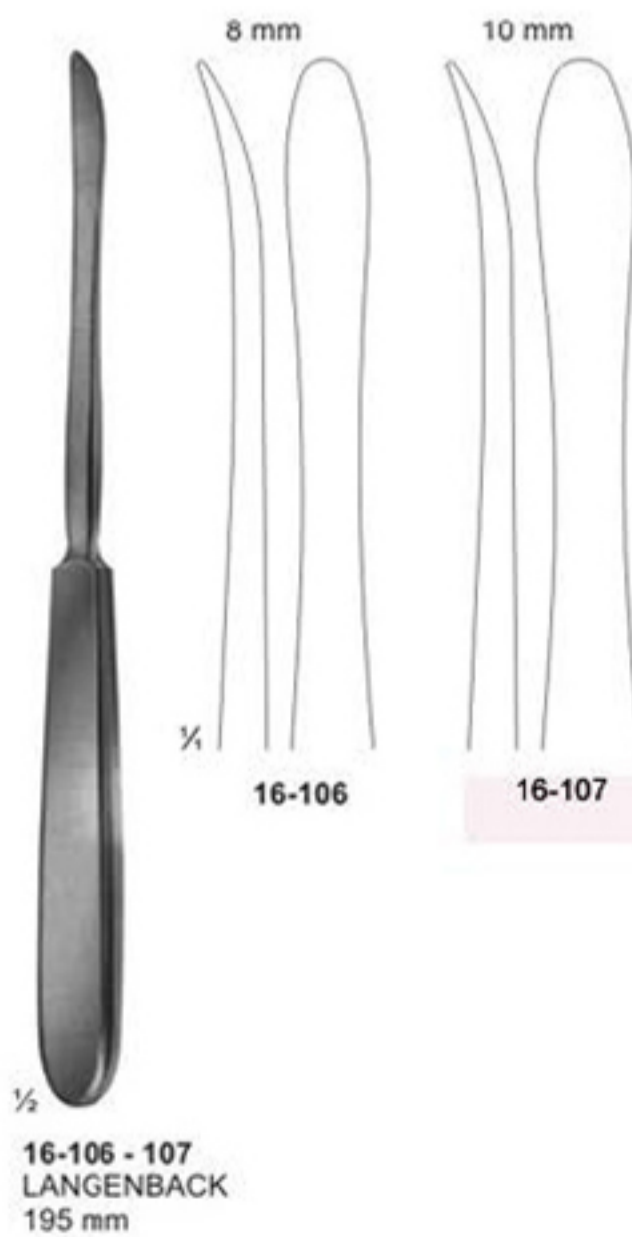
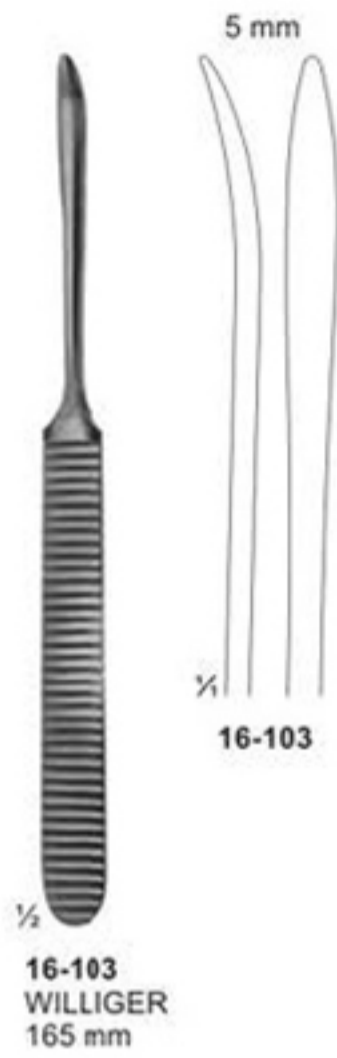
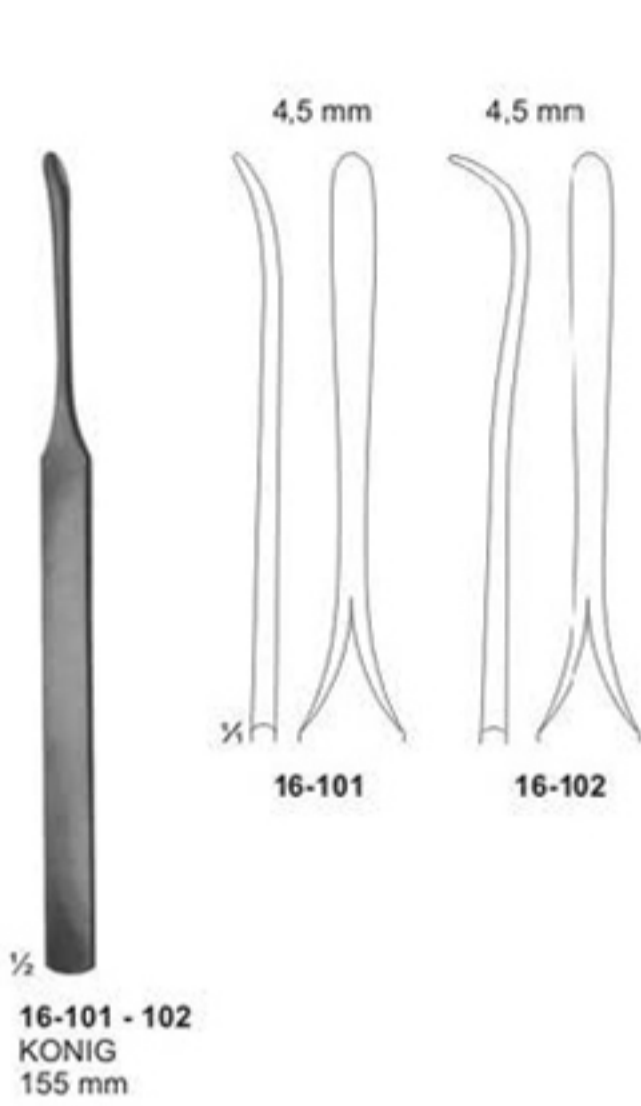
Very Heavy Pattern

15-159
CASPAR

15-160
CASPAR

15-161
WAGNER

Elevators and Bone Levers



Bone Levers



1/2
16-109
LANE TRETOWAN
215mm

1/2
16-110
LANE
255mm

1/2
16-111
LANE-HOHMANN
250mm

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

16-112
30 mm
16-113
33 mm

Raspatories



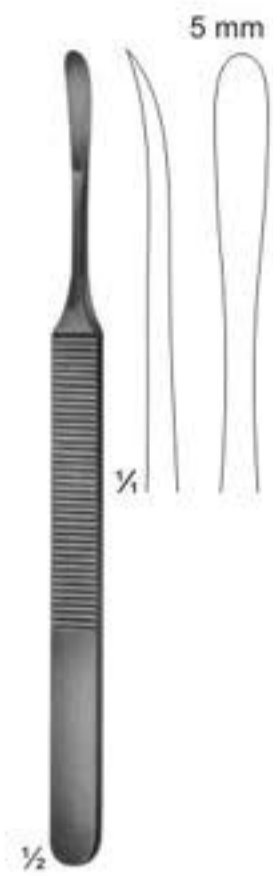
16-114
PARTSCH
150 mm



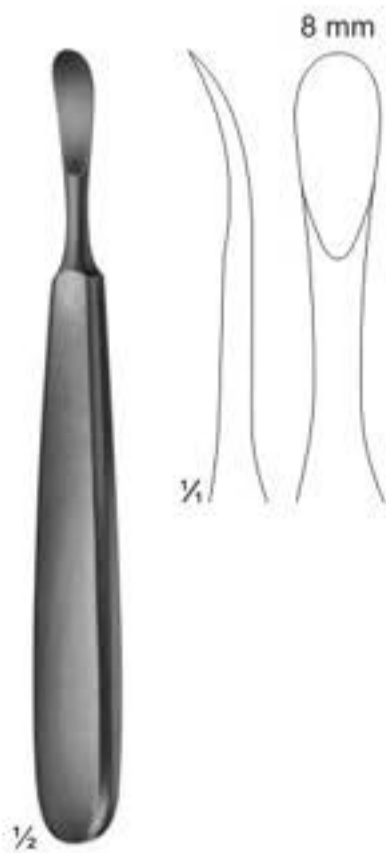
16-116
PARTSCH mod. LANGE
145 mm



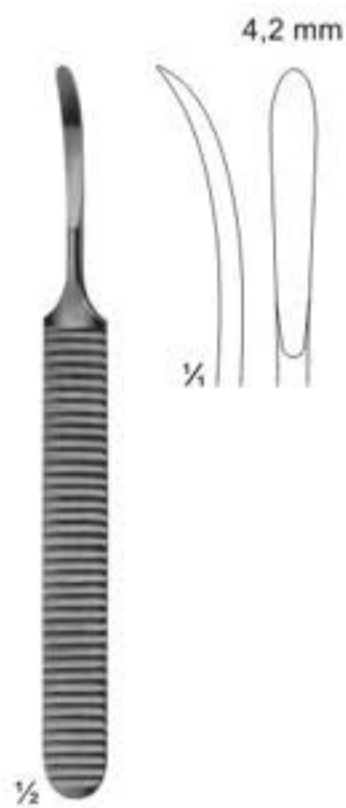
16-117
MC KENTY
155 mm



16-118
KOENIG
155 mm



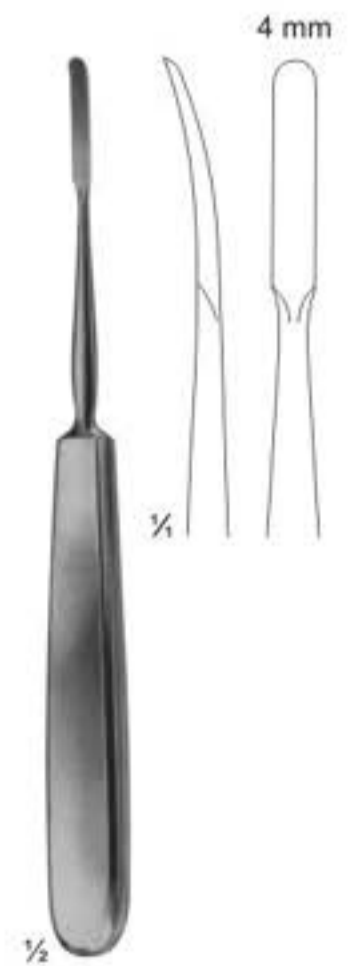
16-119
TRELAT
150 mm



16-120
WILLIGER
140 mm

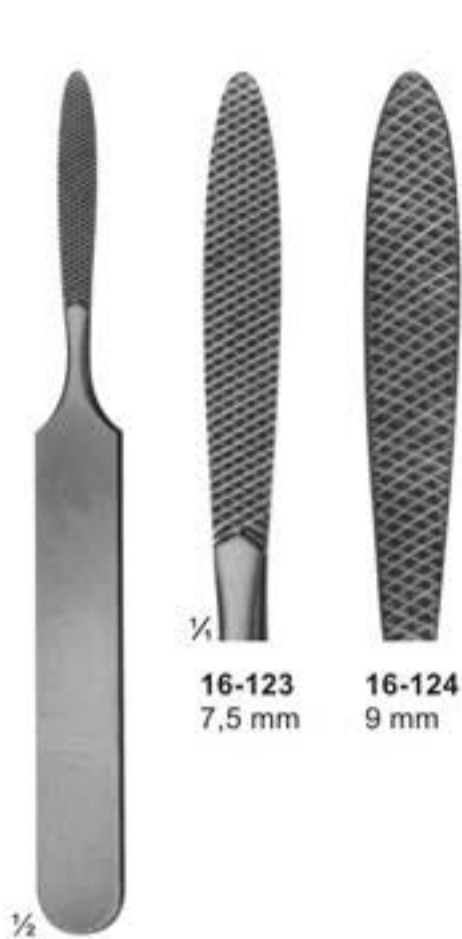


16-121
WILLIGER
160 mm



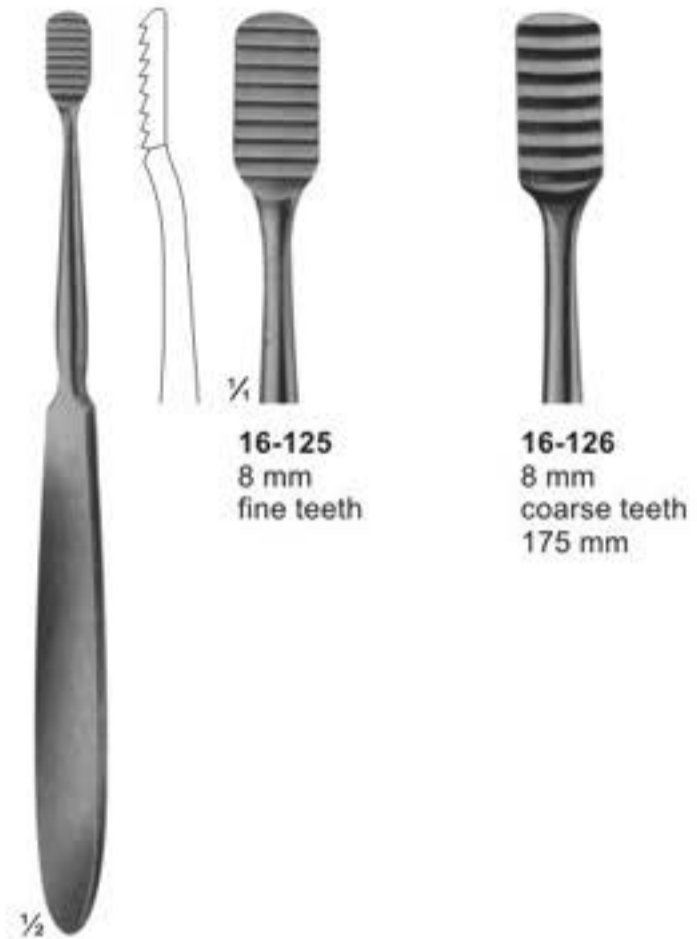
16-122
JOSEPH
170 mm

Bone File and Rasps



16-123
JOSEPH
fine, chequered

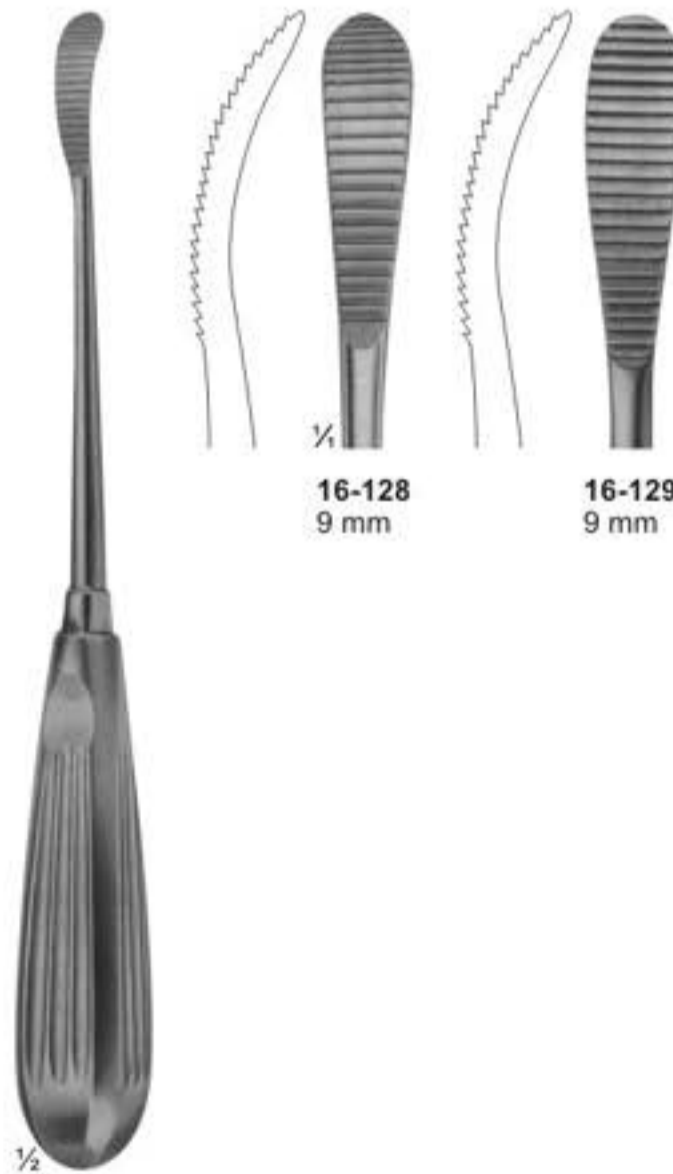
16-124
coarse, chequered
165 mm



16-125 - 16-126
LEWIS



16-127
MALTZ
down stroke
180 mm



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



16-130
GALLAHER
190 mm

Bone Curettes



16-131
JACOBSON
140 mm



16-132
MARTINI
140 mm



16-133
MARTINI
140 mm



16-134
WILLIGER
145 mm



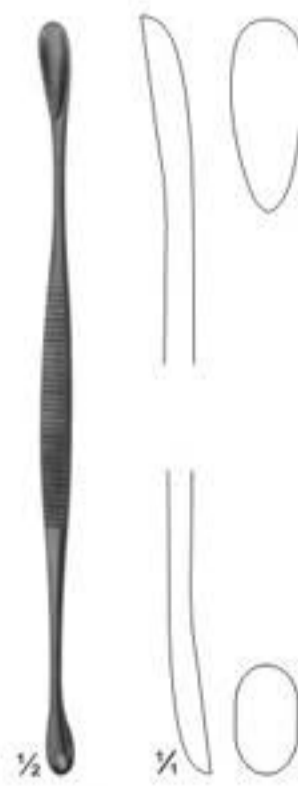
16-135
JANSEN
160 mm



16-136
BARTH
180 mm



16-137
VOLKMANN
130 mm



16-138
VOLKMANN
145 mm



16-139
VOLKMANN
170 mm

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



∅ 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

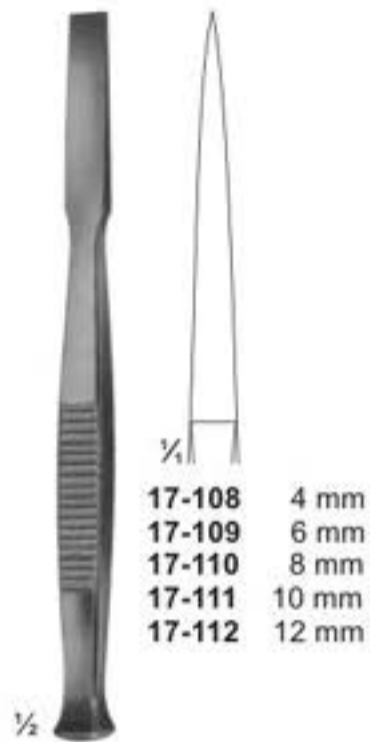
½

17-106
165 g
lead filled head
190 mm

Osteotomes, Chisels and Gouges

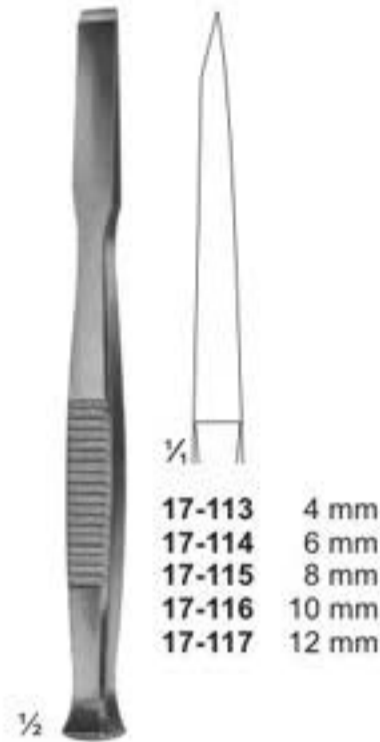


17-107
MANNERFELT
Gouge
155 mm



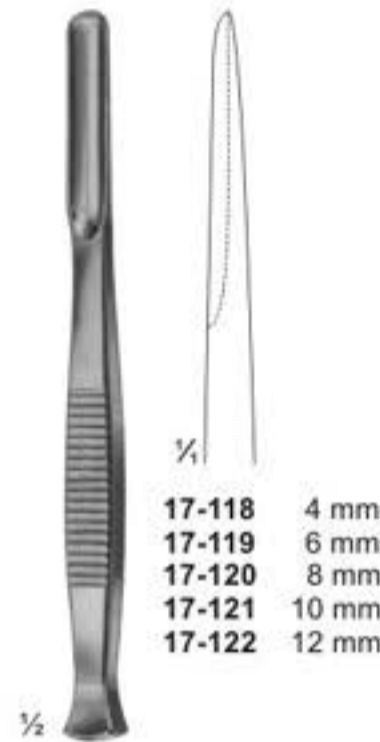
17-108 - 112
Osteotomes
140 mm

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



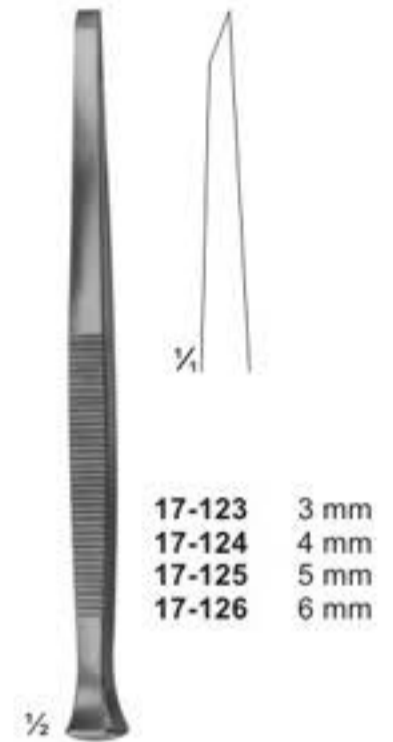
17-113 - 117
Chisels
140 mm

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



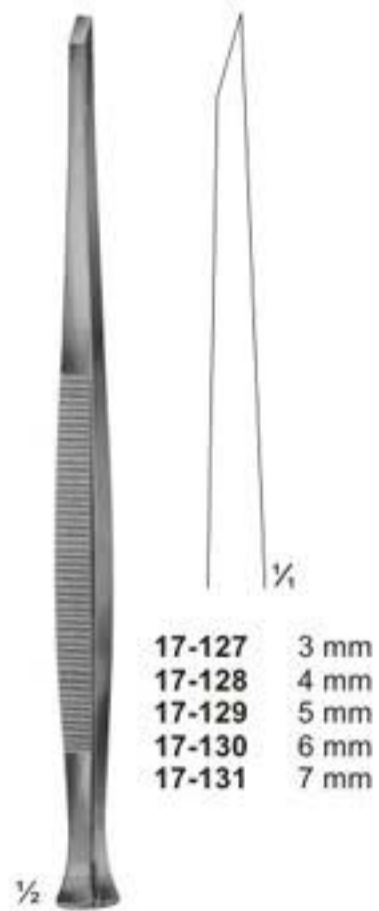
17-118 - 122
Gouges
140 mm

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



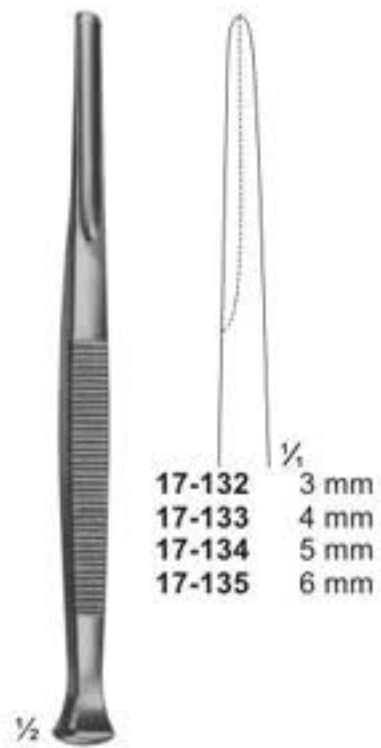
PARTSCH
17-123 - 126
Chisels
140 mm

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



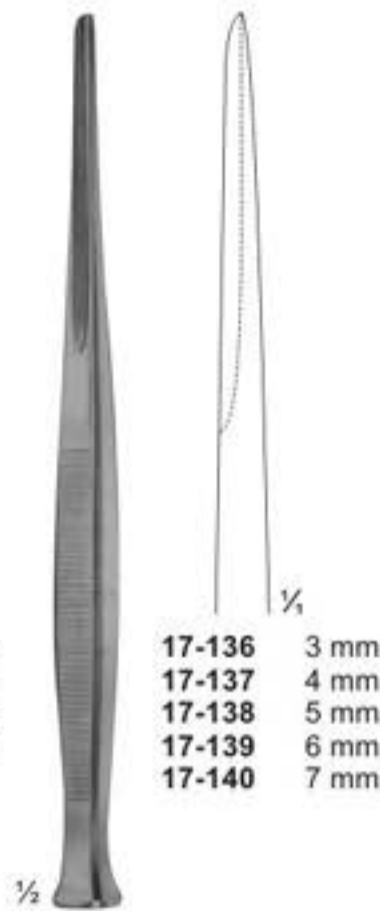
PARTSCH
17-127 - 131
Chisels
170 mm

- 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



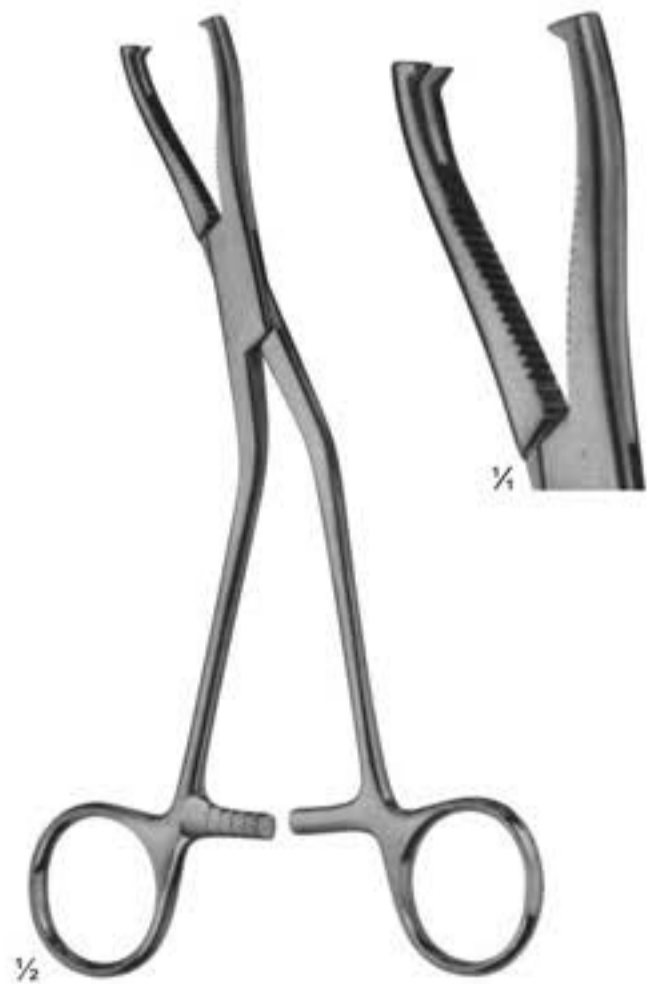
17-146
Forceps with
ratchet fixation
140 mm



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



Bone Rongeurs



17-158
LUER
150 mm



17-159
LUER
155 mm



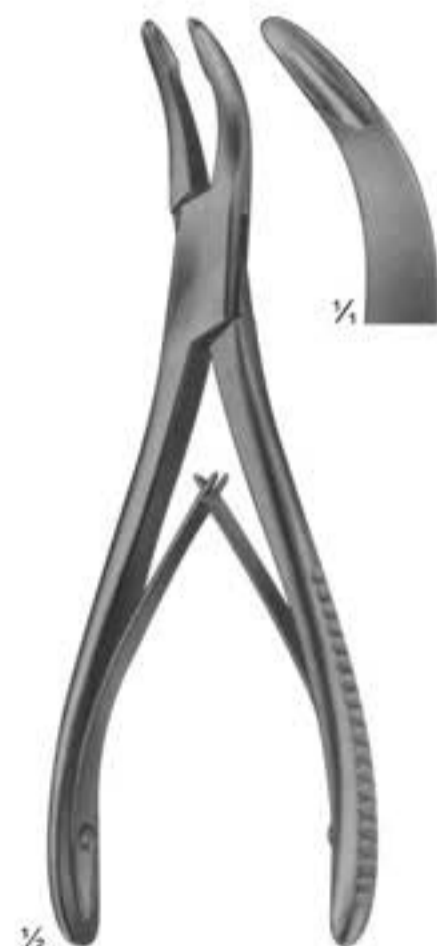
17-160
BLUMENTHAL
155 mm



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

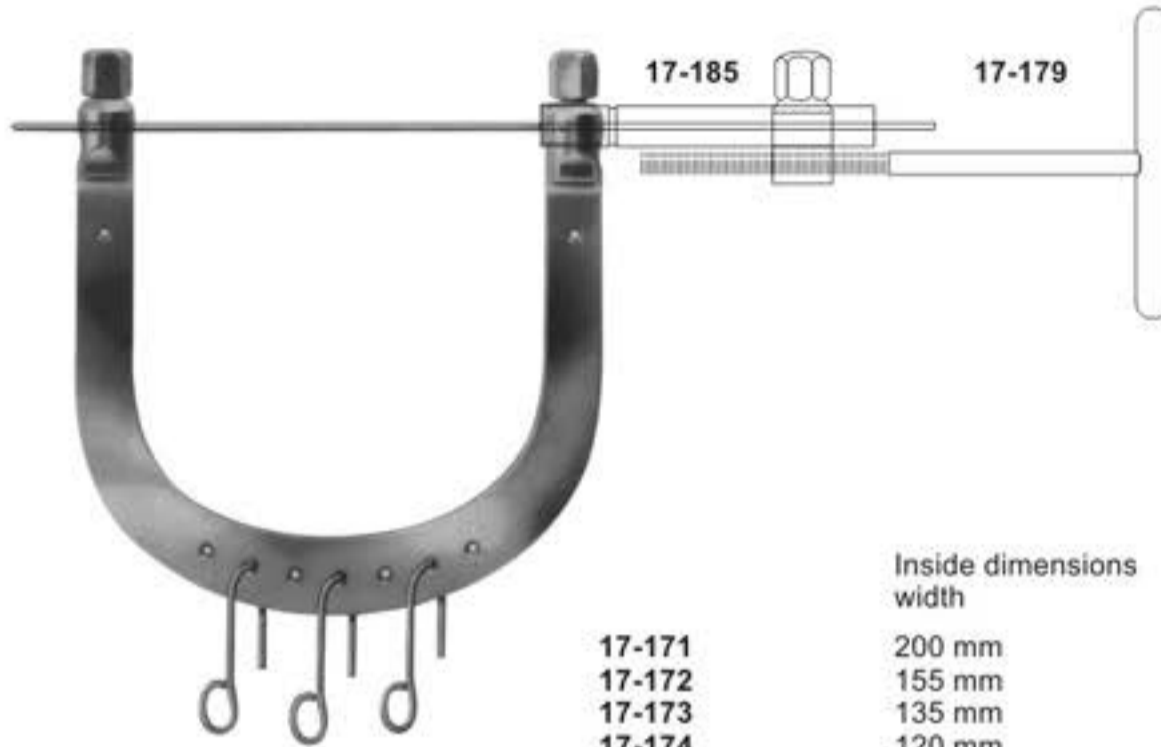


17-169
LISTON
straight
280 mm



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

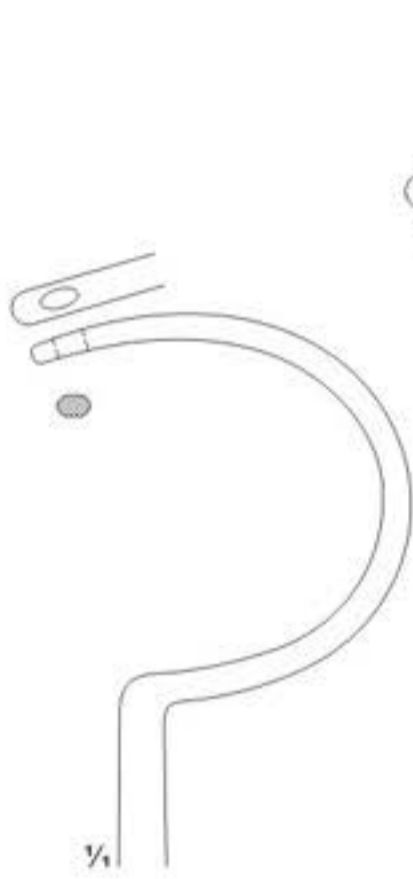


17-181
 Traction hook only,
 small size

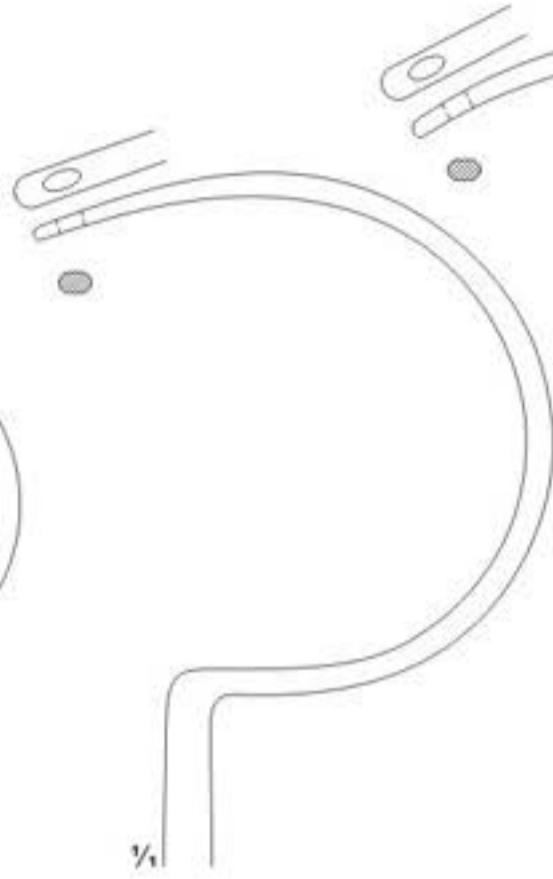


17-185
 Fixation clamp, to secure clamping
 jaws of 17-179 stainless steel

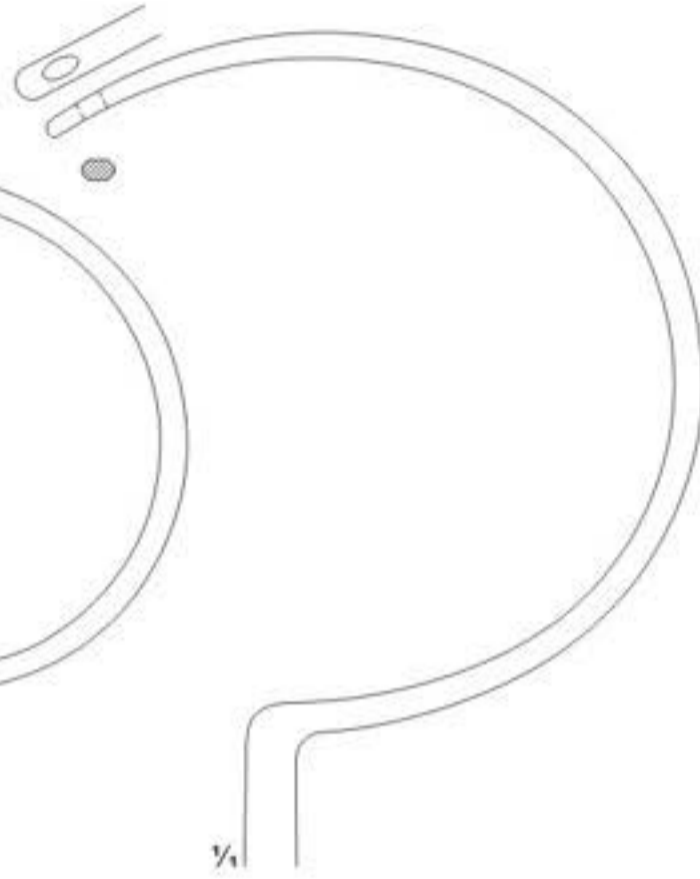
Cerclage Instruments



17-186
275 mm



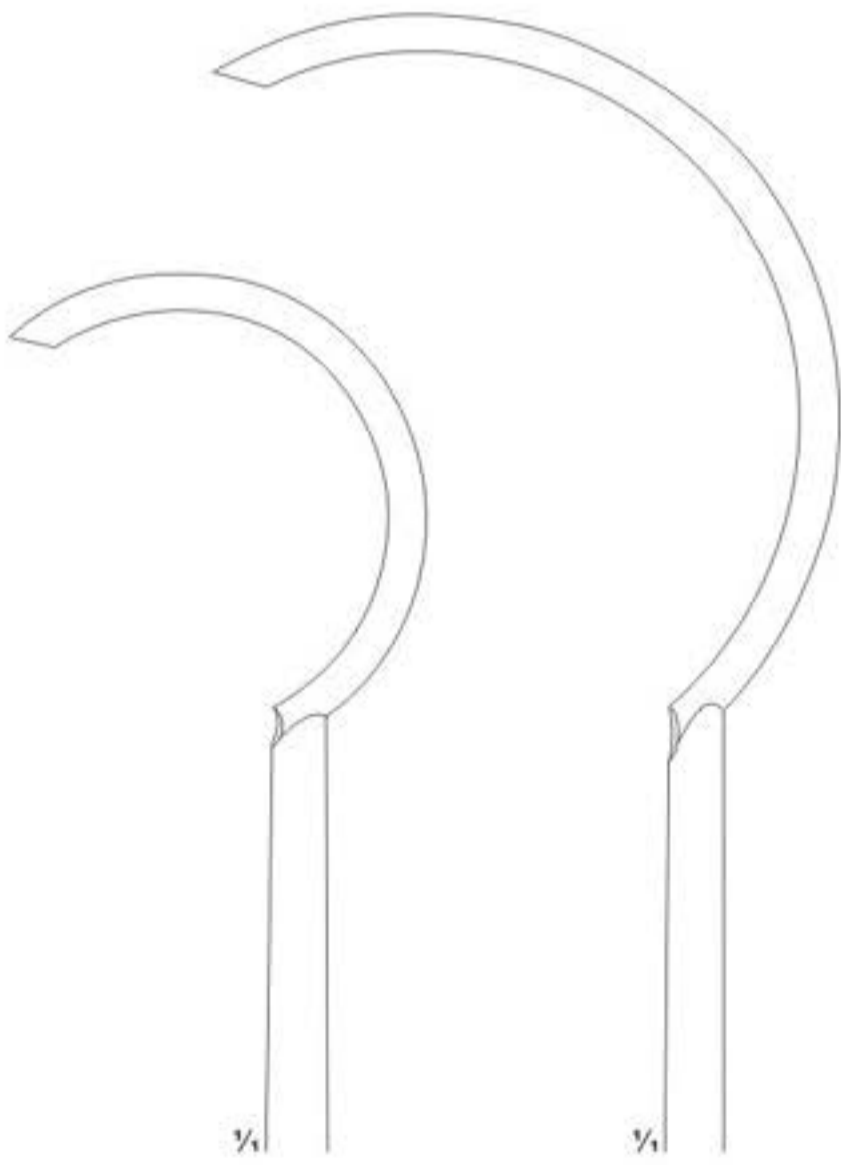
17-187
285 mm



17-188
305 mm



17-186 - 17-188
DEMEL
Wire guides



17-189
240 mm



17-190
270 mm



17-191
225 mm

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



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



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



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



17-195
with serrated jaws
140 mm



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

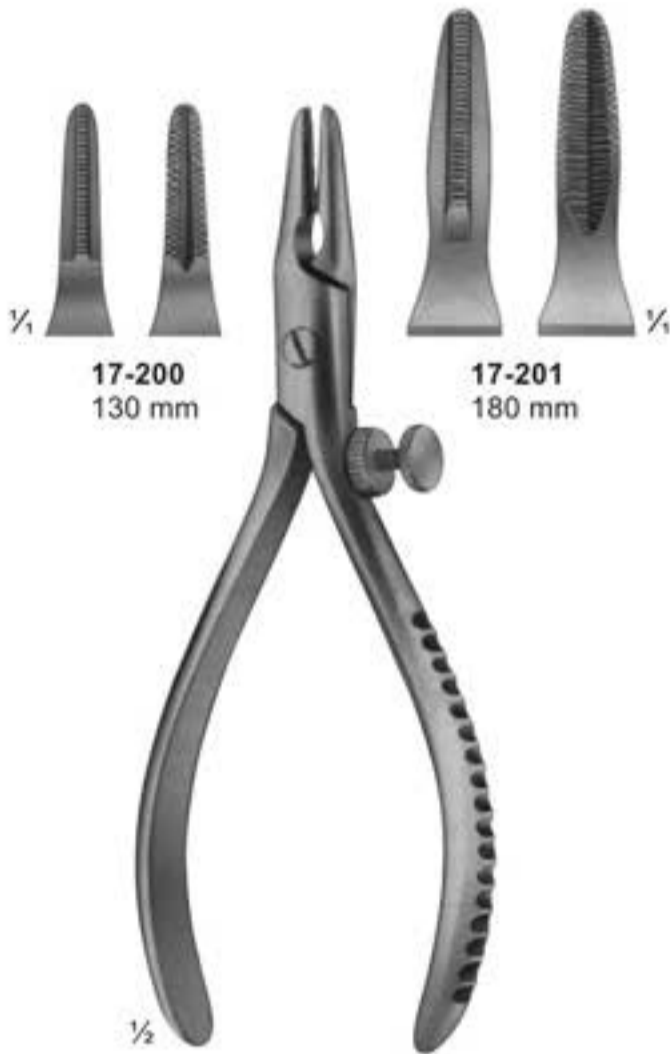


17-197
with serrated jaws
17-198
with longitudinal and
transversal grooves
170 mm



17-199
190 mm

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



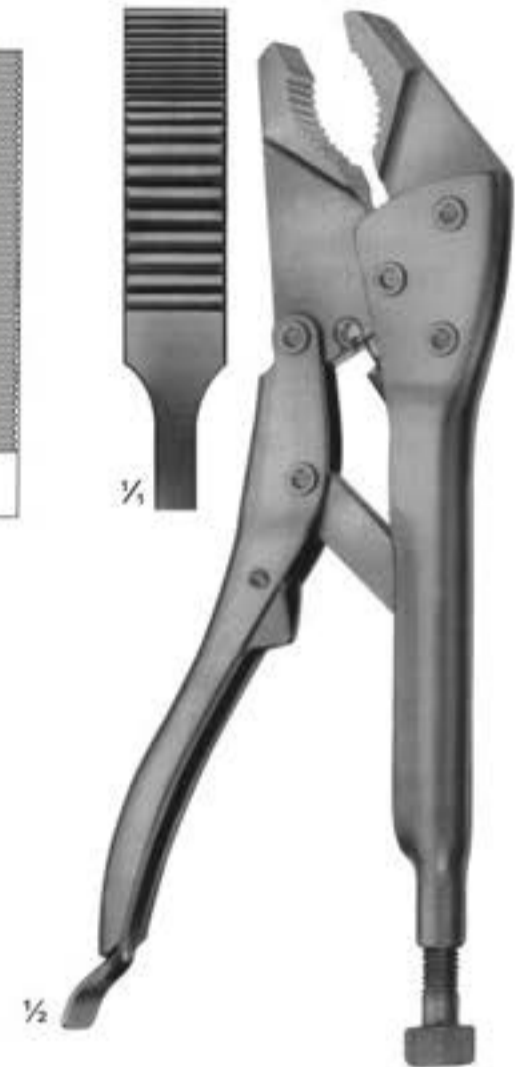
17-200
130 mm

17-201
180 mm

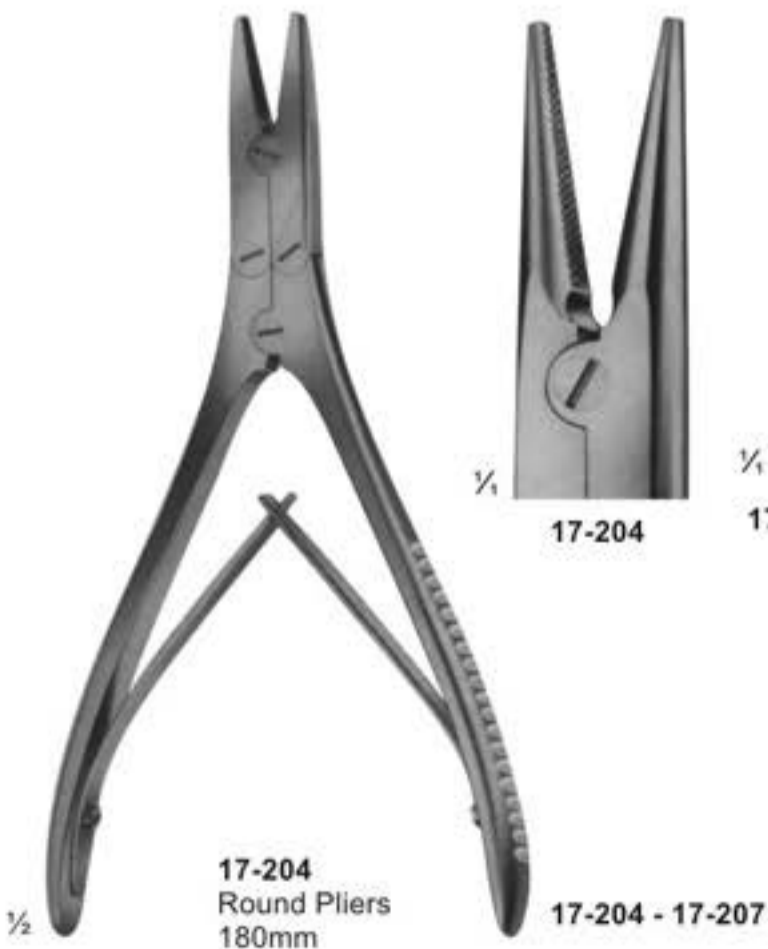
17-200 - 17-201
Extraction pliers
for boring wires



17-202
Flat-nosed pliers,
parallel
185 mm



17-203
Vise grip
200 mm



17-204
Round Pliers
180mm



17-204



17-205



17-206



17-207

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



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

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



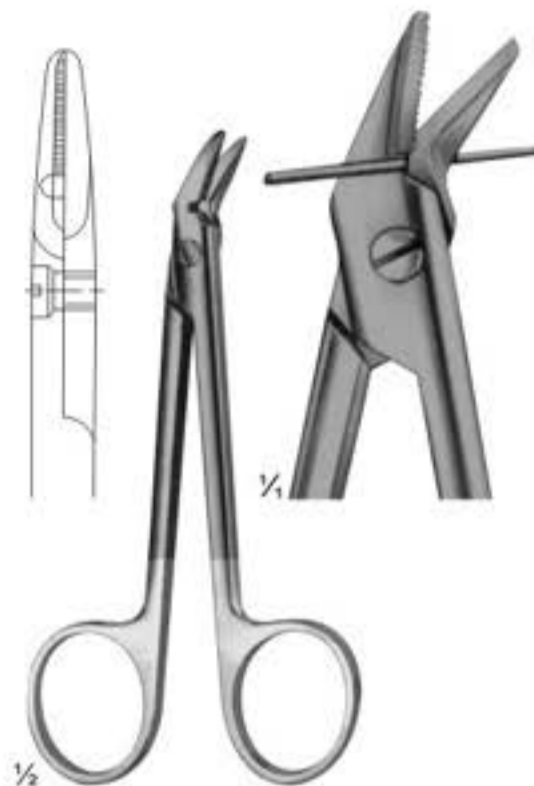
17-209
ANGLE
130 mm

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



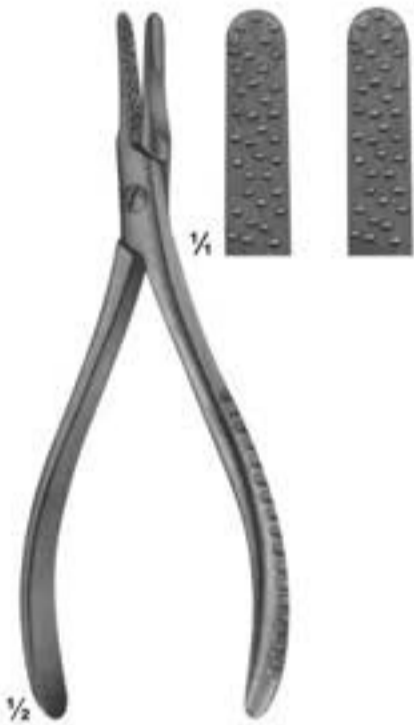
Cutter for cutting off
KIRSCHNER wires,
Tibia head screws,
bolts, pins, up to 3 mm diam.



DUROTIP

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

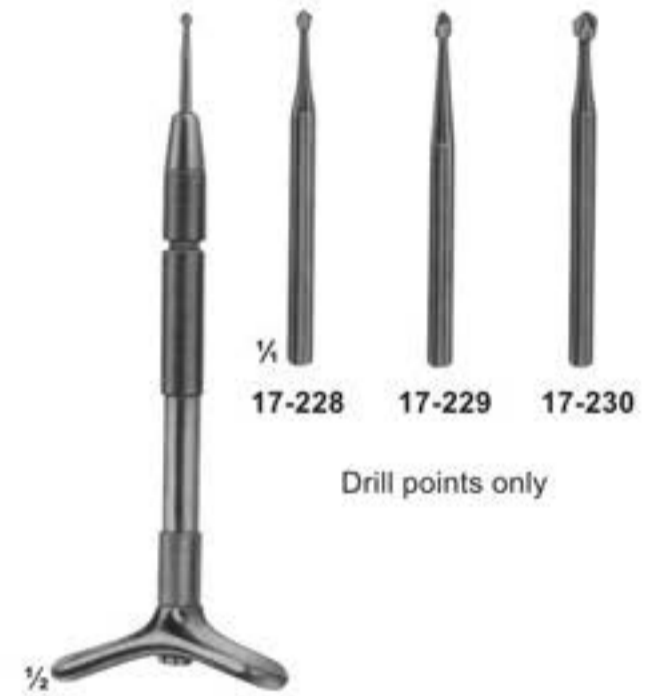
Finger Nail Instruments



17-226
Nail extracting
forceps
135 mm

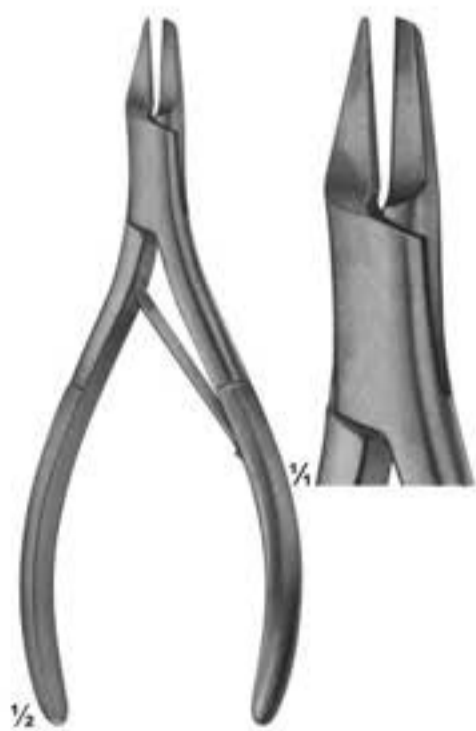


17-227
Nail extracting
forceps
145 mm



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-AESCULAP
260 mm



17-236
STILLE-AESCULAP
360 mm

Plaster Spreader, Plaster Breakers



17-237
HENING
270 mm



17-238
MOD.USA
230 mm



17-239
290 mm

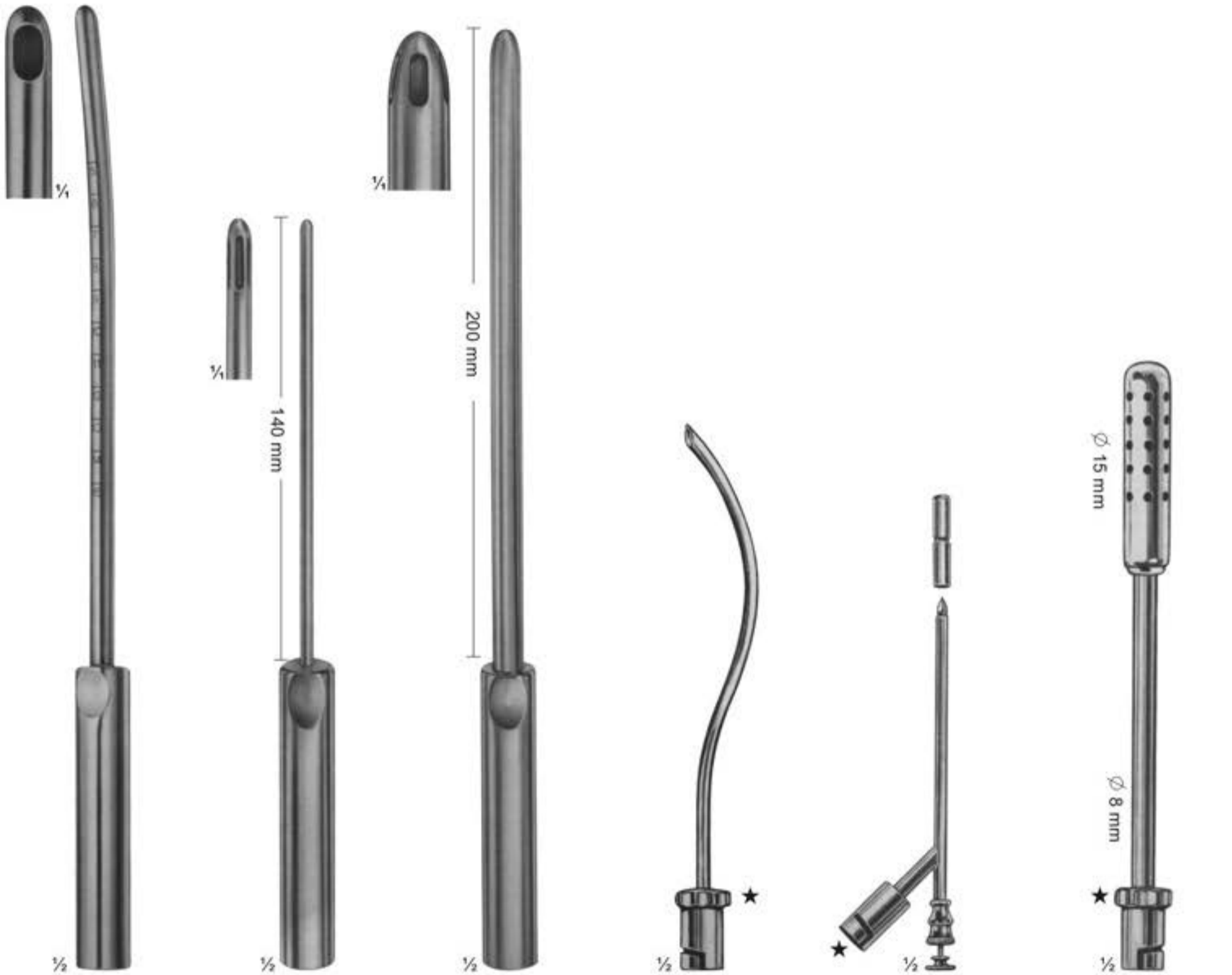


with removable jaws



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

Vacuum Currettes for Aspiration Lipectomy, Suction Instruments



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

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

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

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

18-113
Trocar
For puncturing
150 mm

18-114
For clearing large quantities of fluid
190 mm

Suction Instruments

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



olive
Ø 9 mm

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



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



18-117
Trocar
For puncturing
170 mm



18-118
Hollow needle,
sharp
150 mm



18-119
double curved
For general
surgery
230 mm



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



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

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

Suction Instruments

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



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

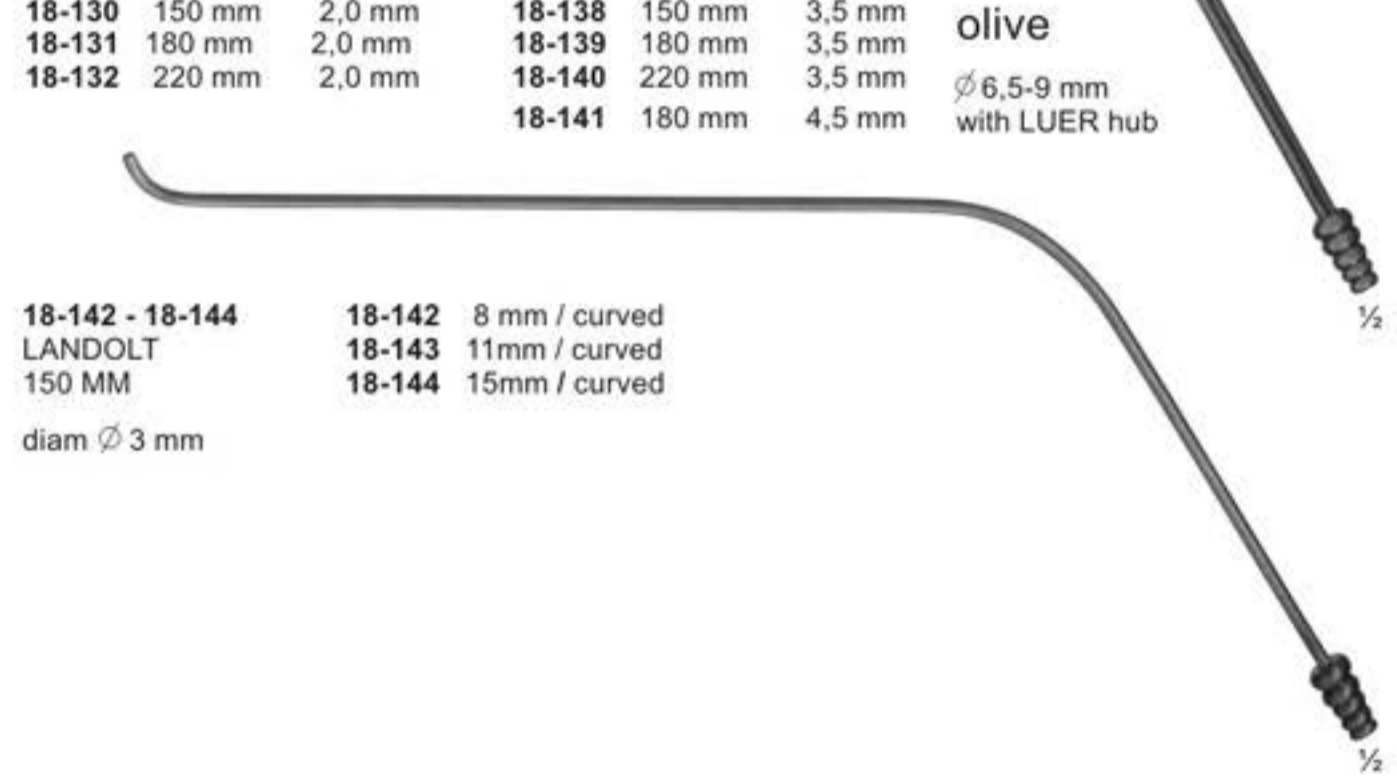


Usable length

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

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

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



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

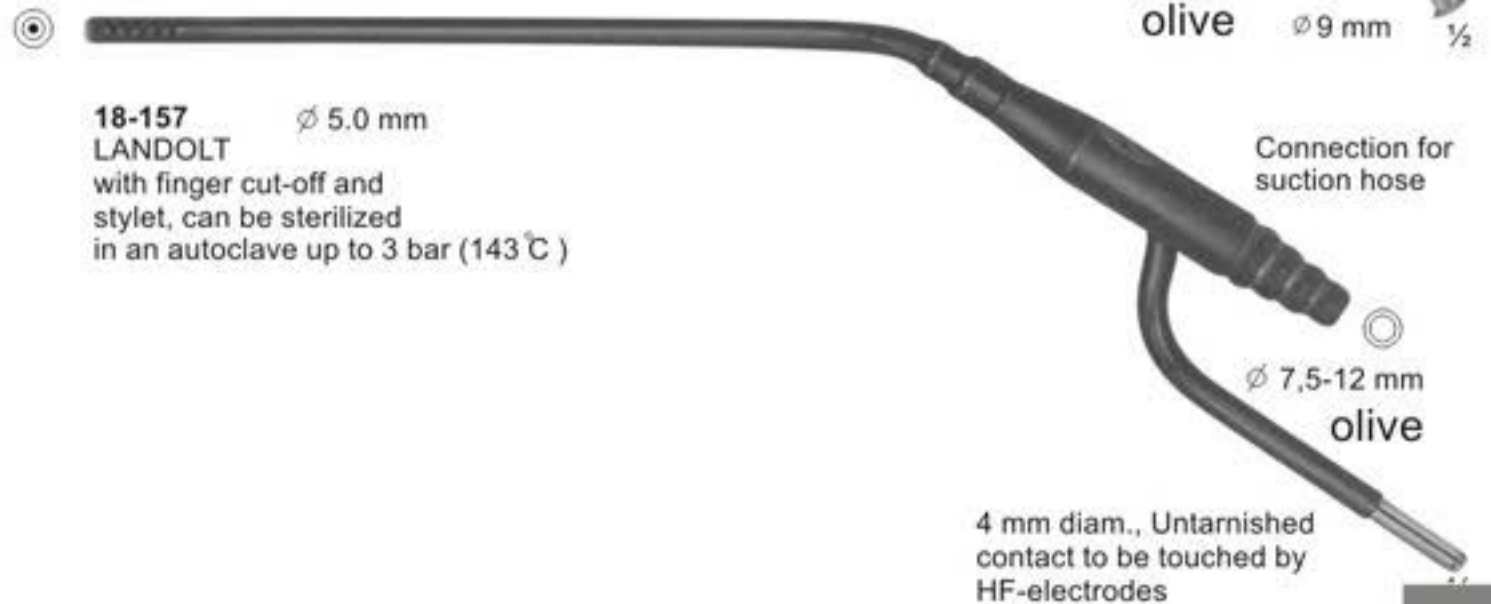
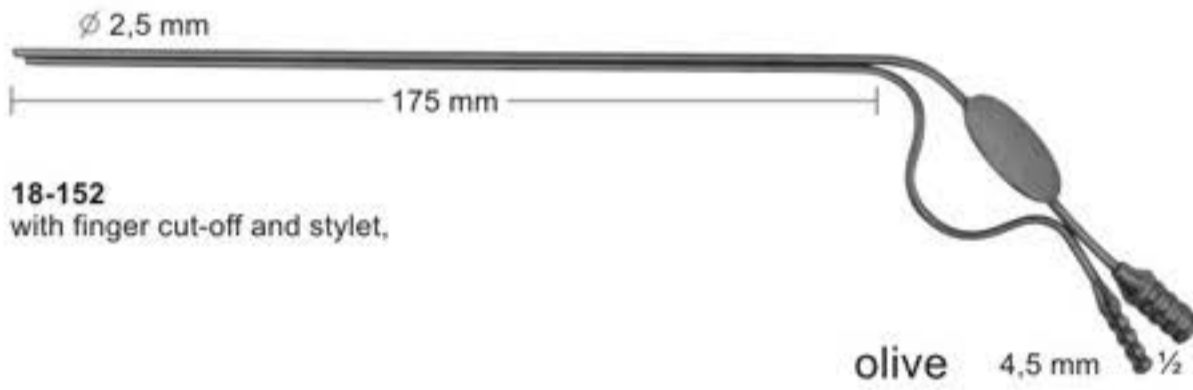
18-147 2,0 mm diam
18-148 2,5 mm diam
18-149 3,0 mm diam
with finger cut-off,
thumb piece 90° to
curve, with LUER hub
250 mm



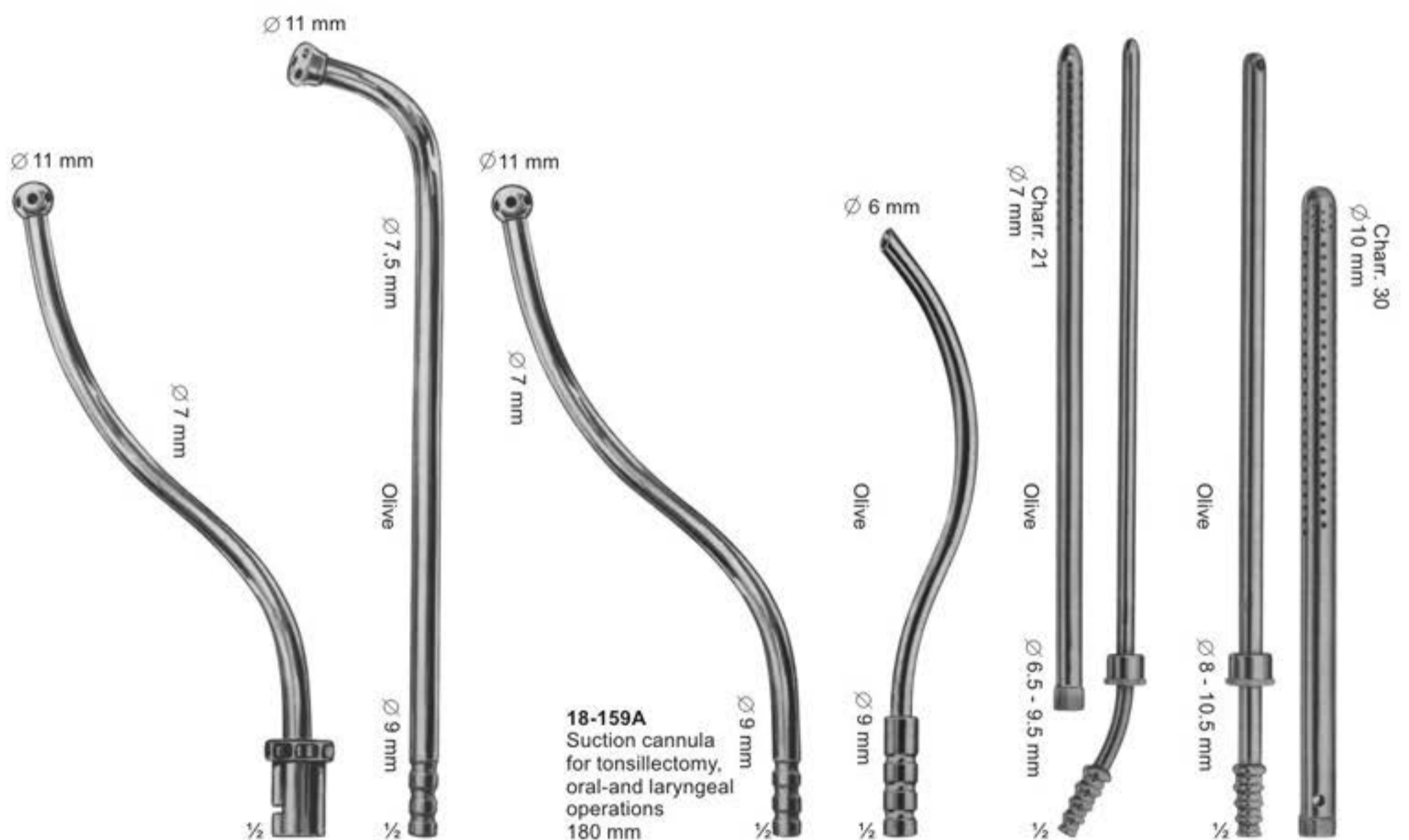
Combined Suction and Irrigation Cannulae, Coagulation Suction Cannulae



18-151
YASARGIL
LUER-LOCK cone
200 mm



Suction Instruments



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

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

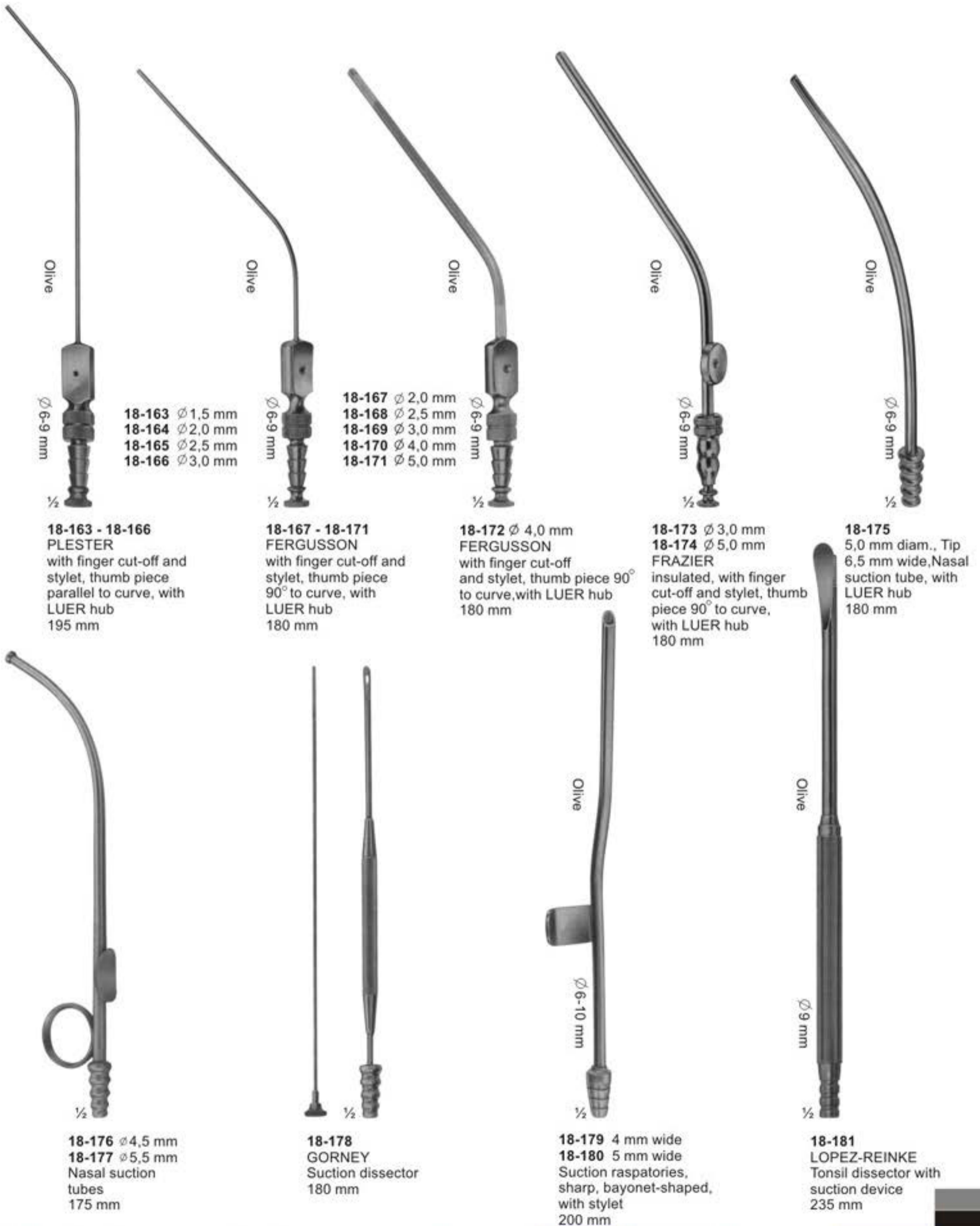
18-159A
Suction cannula
for tonsillectomy,
oral-and laryngeal
operations
180 mm

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 off
225 mm

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

Suction Instruments



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

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

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

18-172 \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



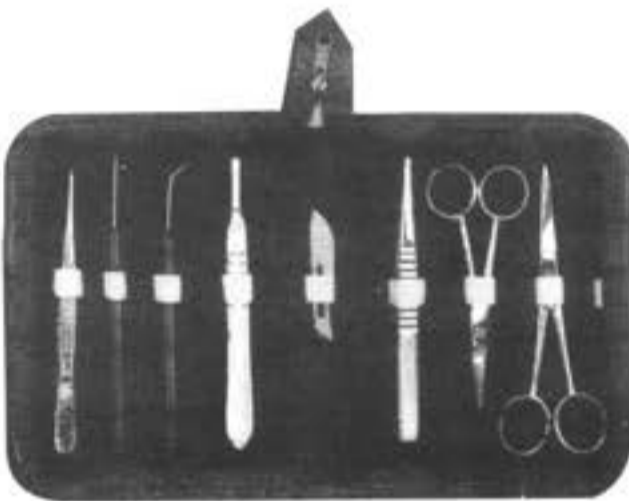
18-182

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



18-183

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



18-184

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



18-185

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



18-186

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



18-187

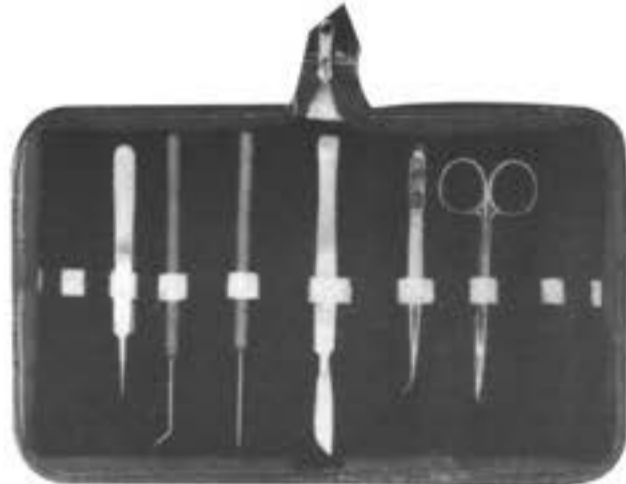
- 1- Teasing Needle with Chuck CVD.
- 2- Huber Probe
- 3- Iris Scissor
- 4- Dissecting Forcep Fine 14 cm.
- 5- Dissecting Forcep Fine CVD. 12 cm
- 6- Operating Scissor with Probe 14 cm.
- 7- B.P. Handle no. 4

Dissection Instruments



18-188

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



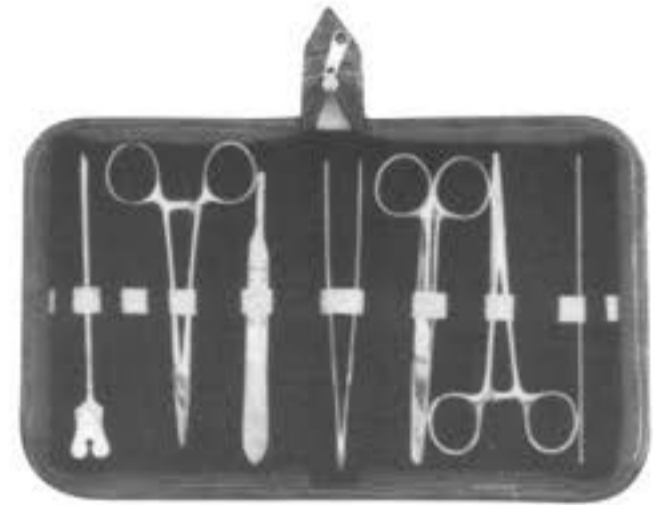
18-190

- 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.



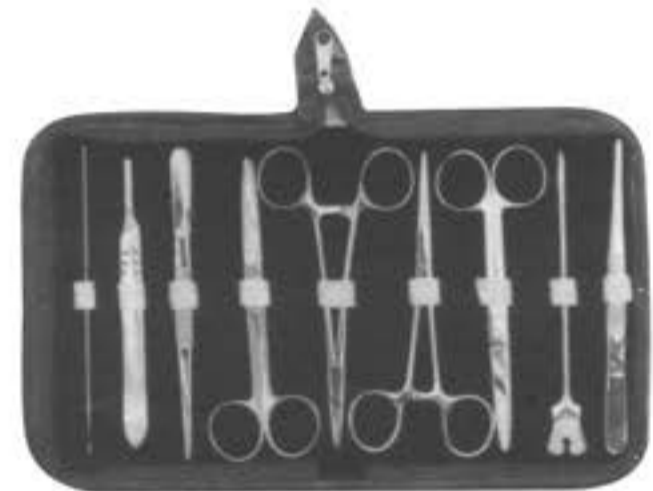
18-192

- 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 Harg Needle Holder 14 cm
- 3- B.P Handle No. 4
- 4- Dissecting Forceps Thump 14 cm.
- 5- Operating Scissor S/B str 14 cm
- 6- Kelly Forcep STR 14 cm.
- 7- Probe Double end



18-191

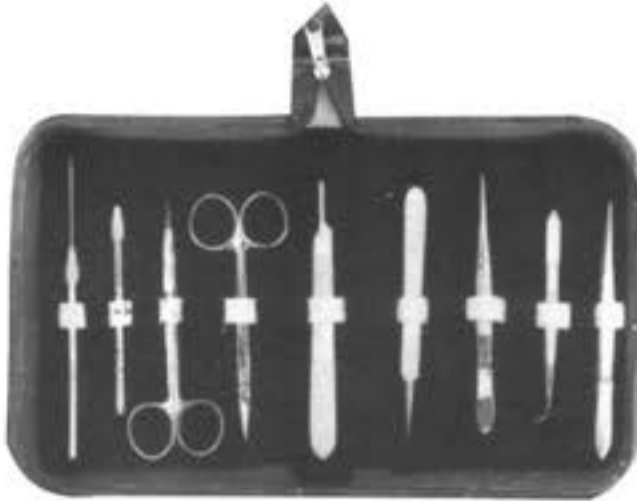
- 1- Probe Double end
- 2- B.P Handle No. 4
- 3- Dissecting Forcep 1x2 Teeth 14 cm.
- 4- Operating Scissor S/B str 14 cm
- 5- Mayo Harg Needle Holder 14 cm
- 6- Kelly Forcep STR 14 cm.
- 7- Operating Scissor S/B CVD 14 cm
- 8- Grooved Director and Tongue tie
- 9- Dissecting Forceps Thumb 14 cm.



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 Harg Needle Holder 14 cm
- 6- Operating Scissor S/B str 14 cm
- 7- Probe Double end
- 8- Kelly Forcep STR 14 cm.

Dissection Instruments



18-194

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



18-195

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



18-196

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



18-197

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

Hospital Wares



19-101 - 115
Schimmelbusch

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



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



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



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



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



19-122
Ø 65mm x 15mm

Hospital Wares



19-123 - 131

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



19-141 - 142

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



19-132 - 139

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



19-140
205 x 105 x 35 mm

Round Metal Boxes and Medicine Cups



19-143 - 148

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



19-149
25 cc

19-150
50 cc



19-151
20 cc
Medicine Spoon



19-152
Ø 75 x 12 mm
Tablet Tray



19-153
Ø 90 x 90 mm
Metal Cup



19-154
Ø 75 x 80 mm
Sputum Cup



Kidney Dish



19-155 - 157

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

Hospital Wares



19-158 - 165



19-166 - 170

	∅ 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
∅ 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
∅ 220 x 70 mm

Hospital Wares



19-179
∅ 50 x 100 mm
Powder Pot



19-180
∅ 50 x 75 mm
Methot With Lid



19-181
∅ 50 x 75 mm
Methot Without Lid



19-182



19-183



19-184



19-185 - 186

19-185 ∅ 235 mm
19-186 ∅ 310 mm

Needle Cases



19-187
Sauerbruch
210 x 125 x 17 mm



19-188
Sauerbruch
210 x 125 x 17 mm



19-189
150 x 95 x 13 mm



19-190
150 x 95 x 13 mm



19-191
150 x 95 x 13 mm



19-192
150 x 95 x 13 mm



19-193
150 x 95 x 13 mm



19-194
150 x 95 x 13 mm



19-195
150 x 95 x 11 mm

Storing Cases



19-199 - 209

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



19-196
Deponette
245 x 135 x 35mm



19-197
Deponette
245 x 135 x 50mm



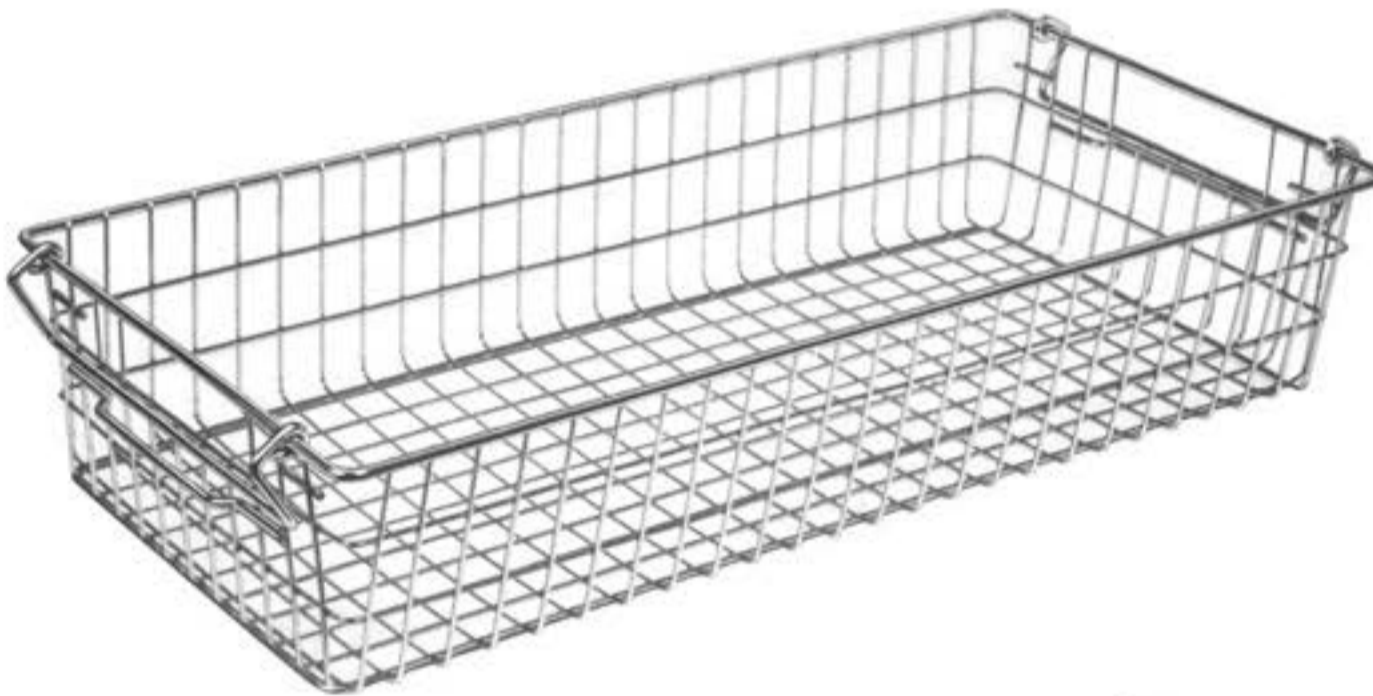
19-198
Deponette
245 x 135 x 60mm

Sterilizing Baskets / Trays



19-210 - 212

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



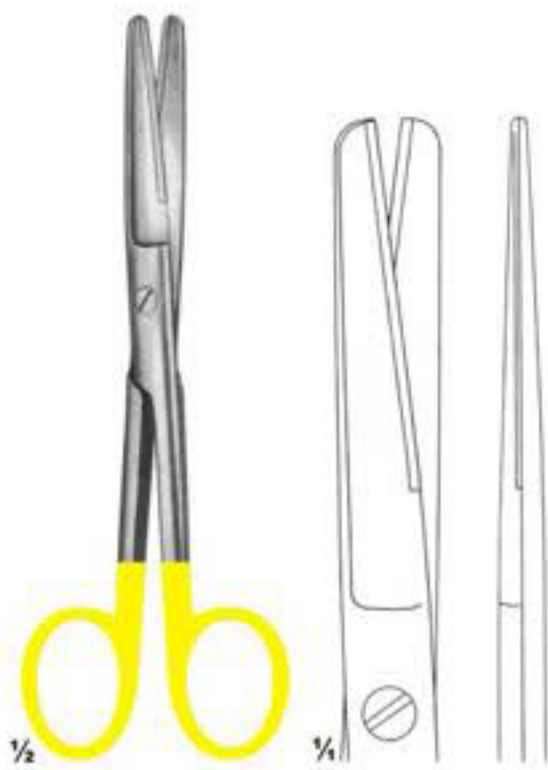
19-219
(60 x 30 x 15 cm)
Nominal dimensions



19-213 - 218

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

Scissors with Tungsten Carbide Inserts



26-101
Standard

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



26-102
Standard

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



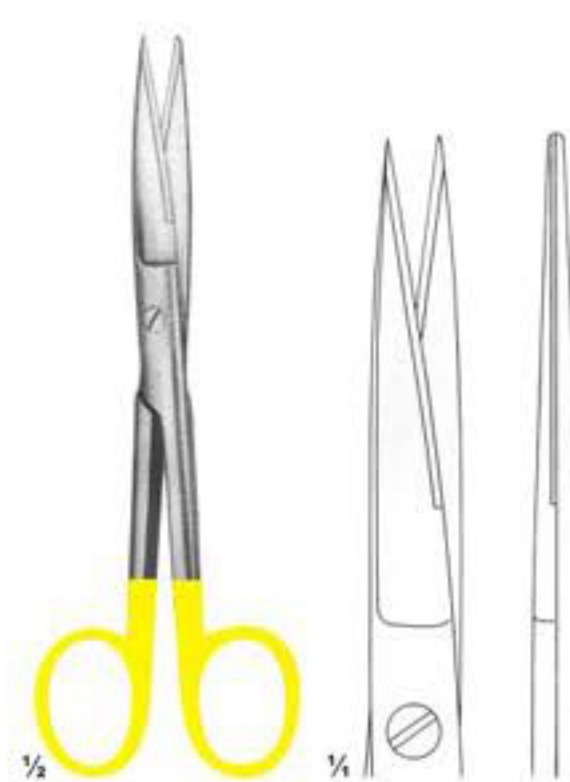
26-103
Standard

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



26-104
Standard

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



26-105
Standard

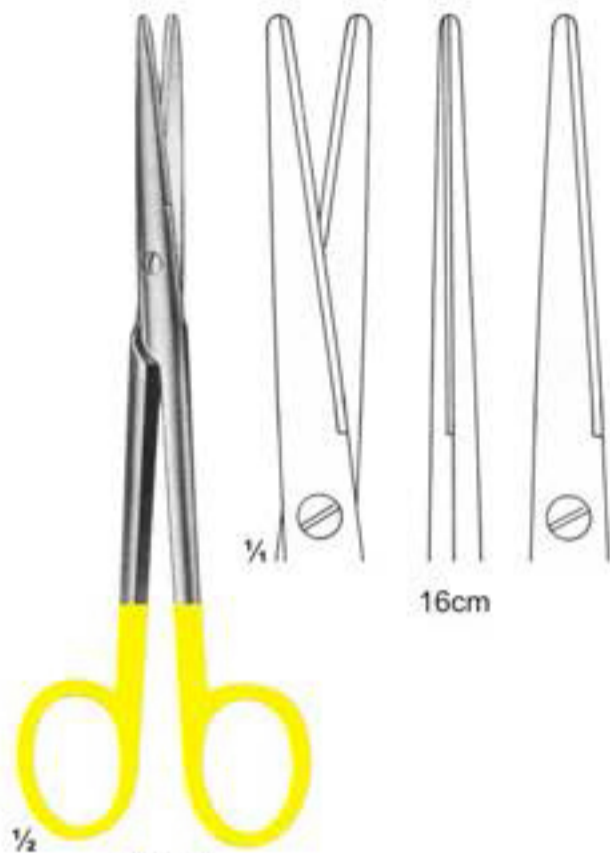
14,5cm
16,5cm
18,5cm



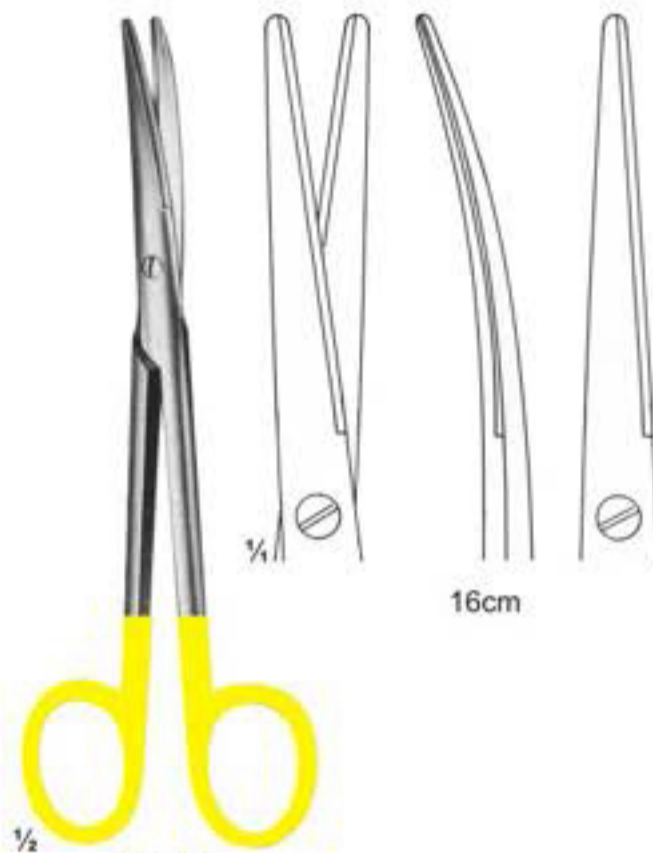
26-106
Standard

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

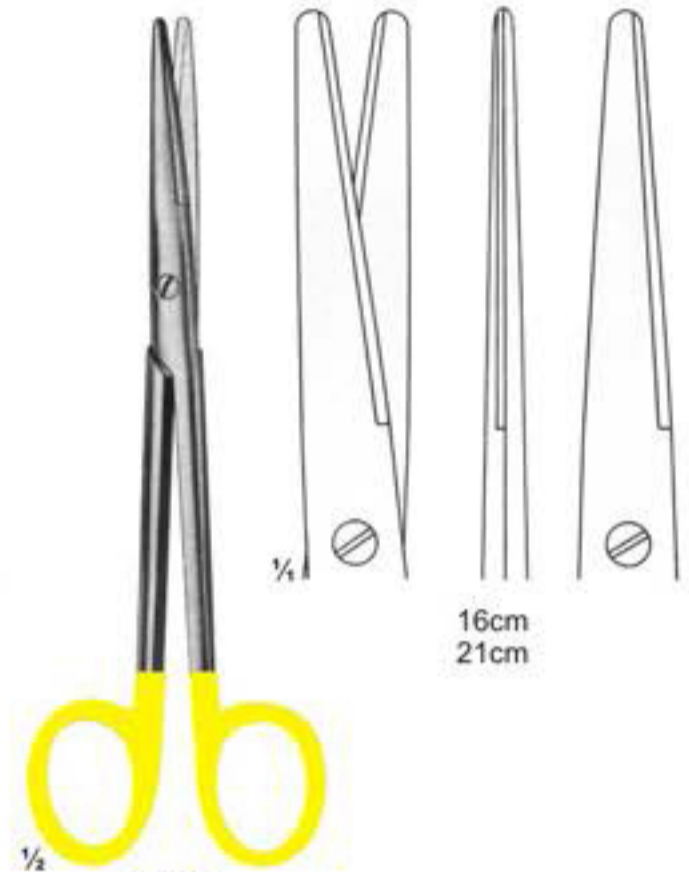
Scissors with Tungsten Carbide Inserts



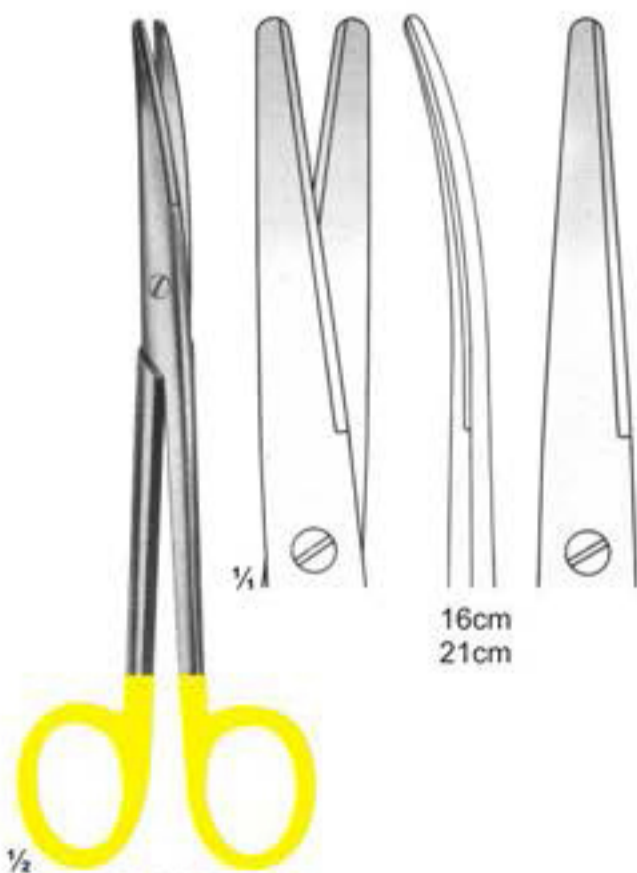
26-107
Mayo-Lexer



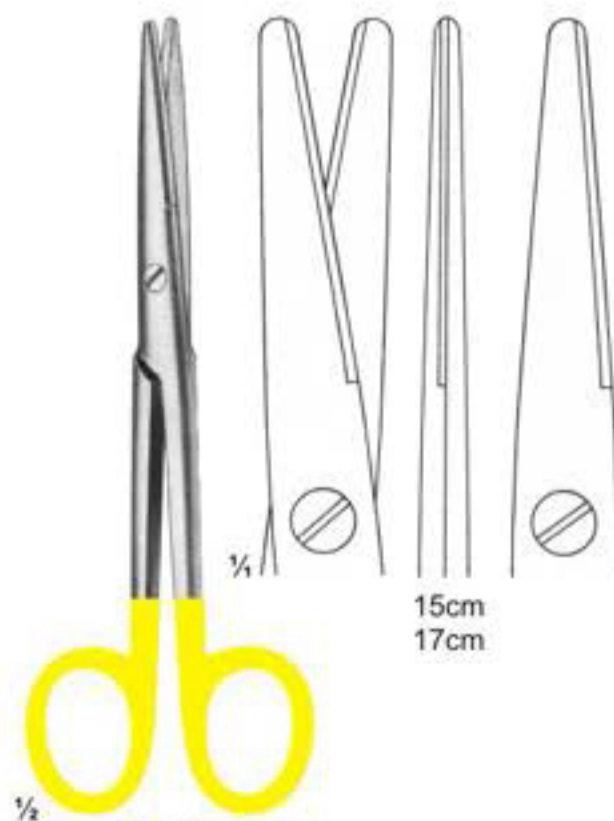
26-108
Mayo-Lexer



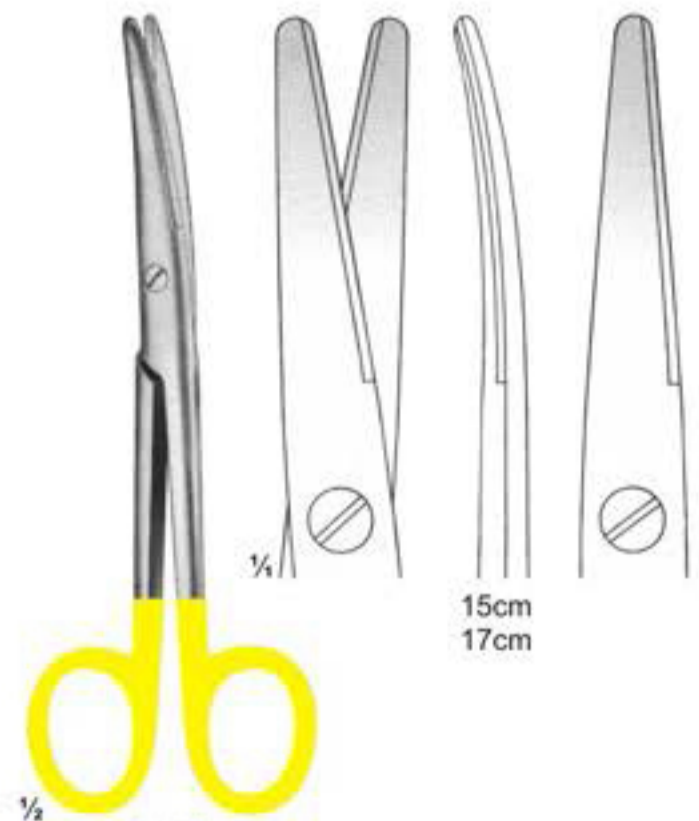
26-109
Lexer



26-110
Lexer

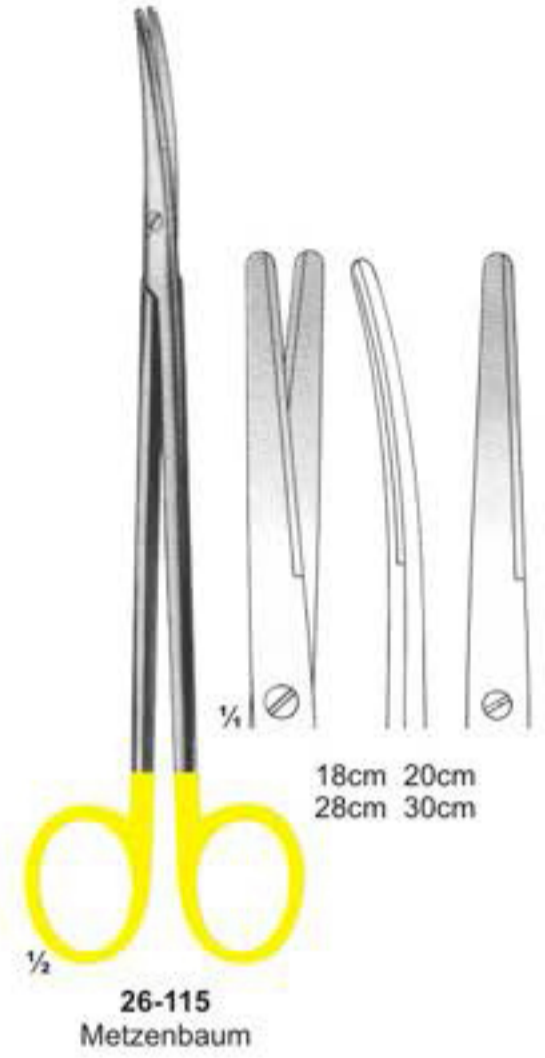
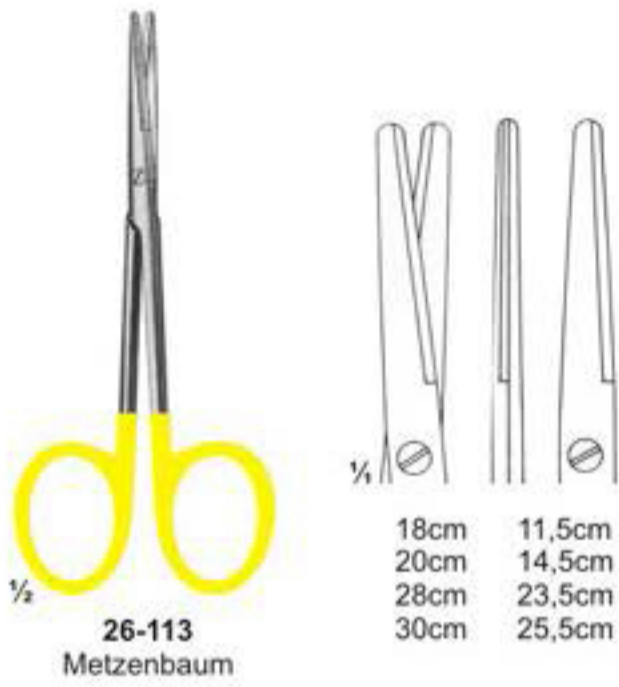


26-111
Mayo-Stille



26-112
Mayo-Stille

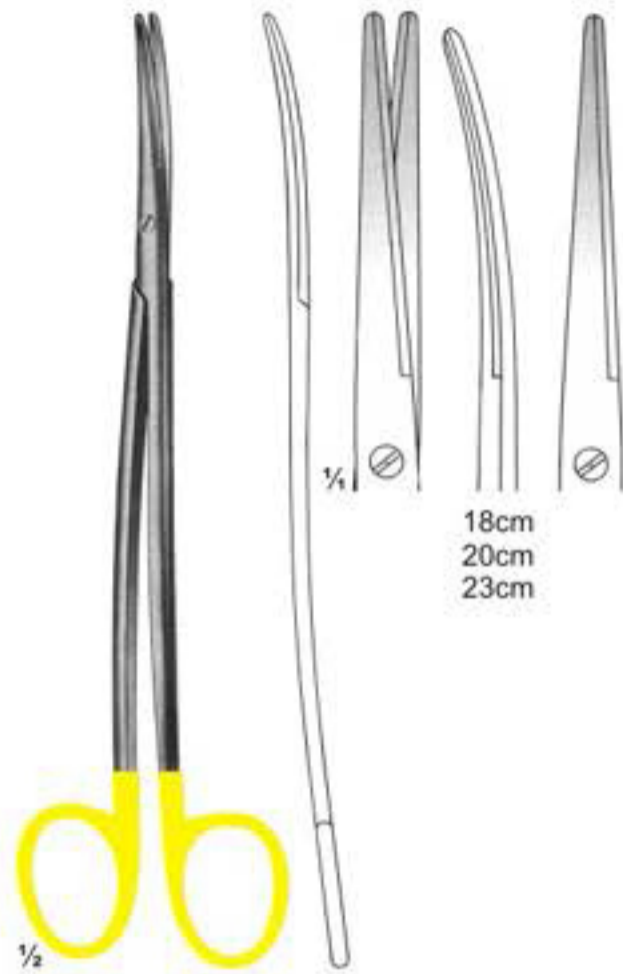
Scissors with Tungsten Carbide Inserts



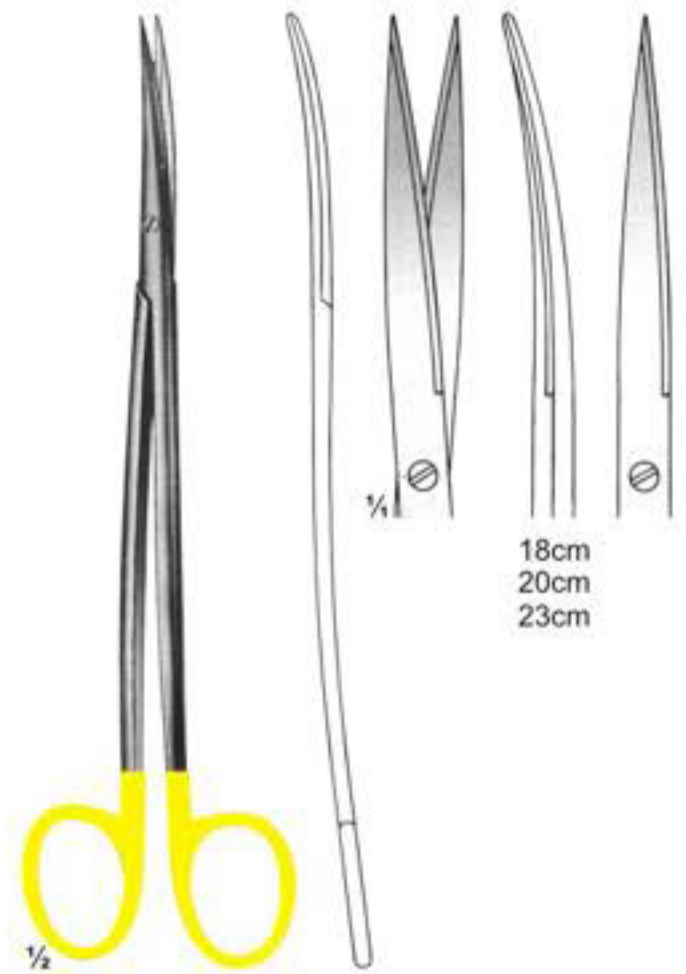
Scissors with Tungsten Carbide Inserts



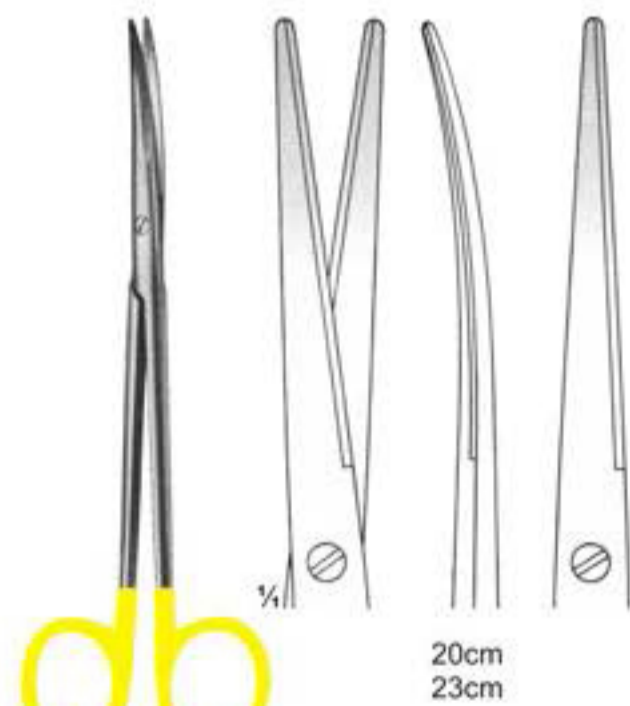
1/2
26-119
Metzenbaum-Fino



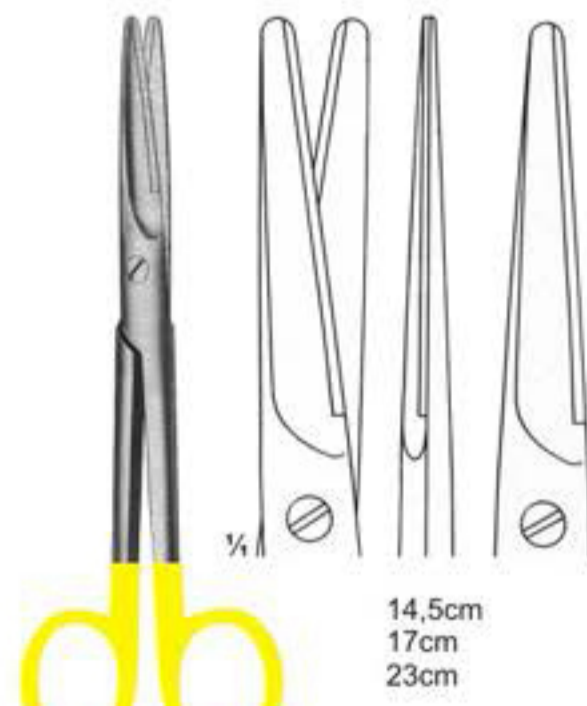
1/2
26-120
Metzenbaum-Fino



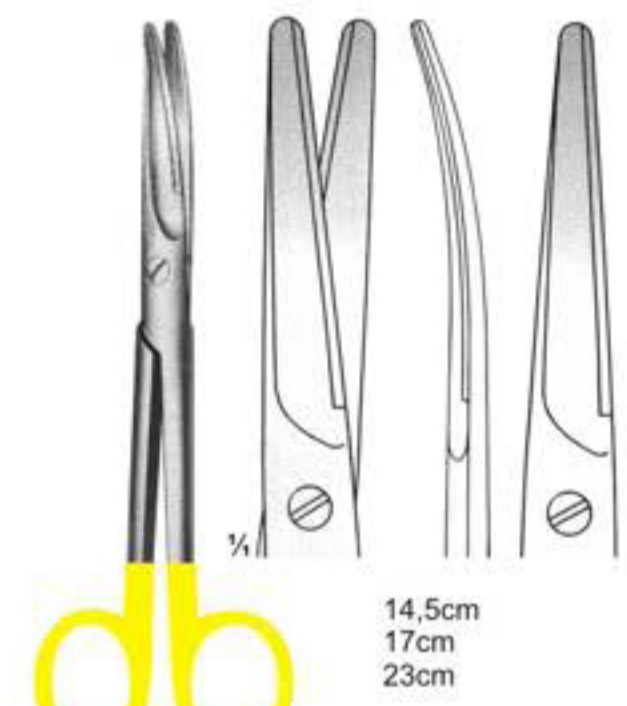
1/2
26-121
Metzenbaum-Fino



1/2
26-122
Metzenbaum

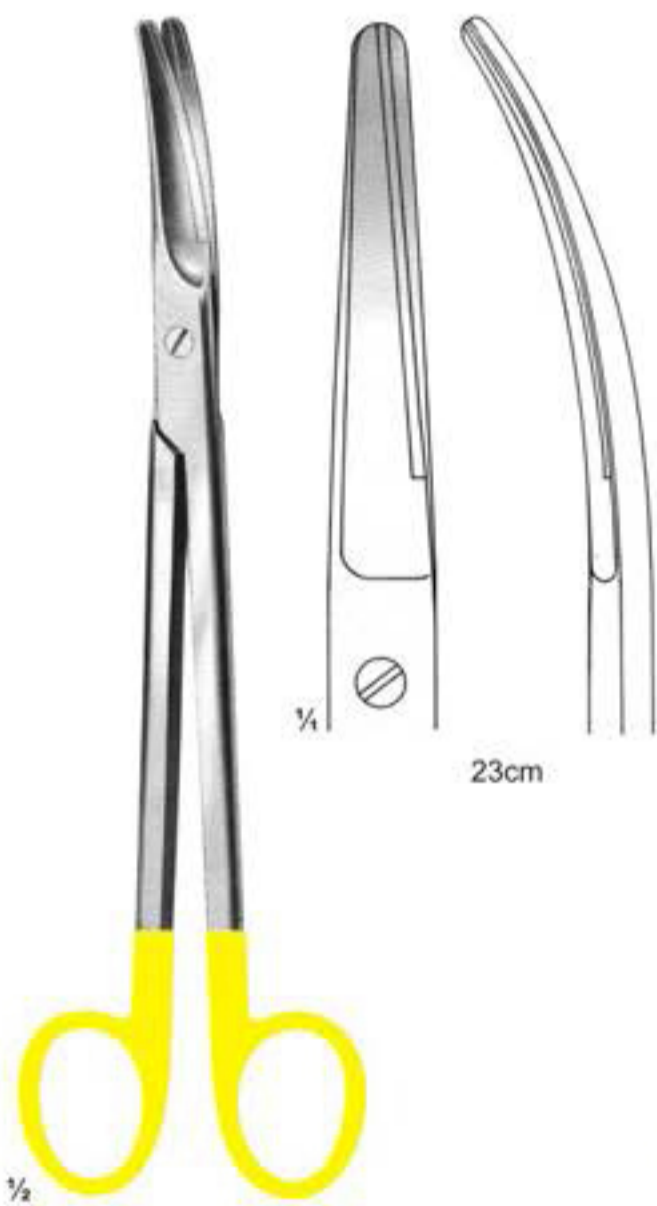


1/2
26-123
Mayo

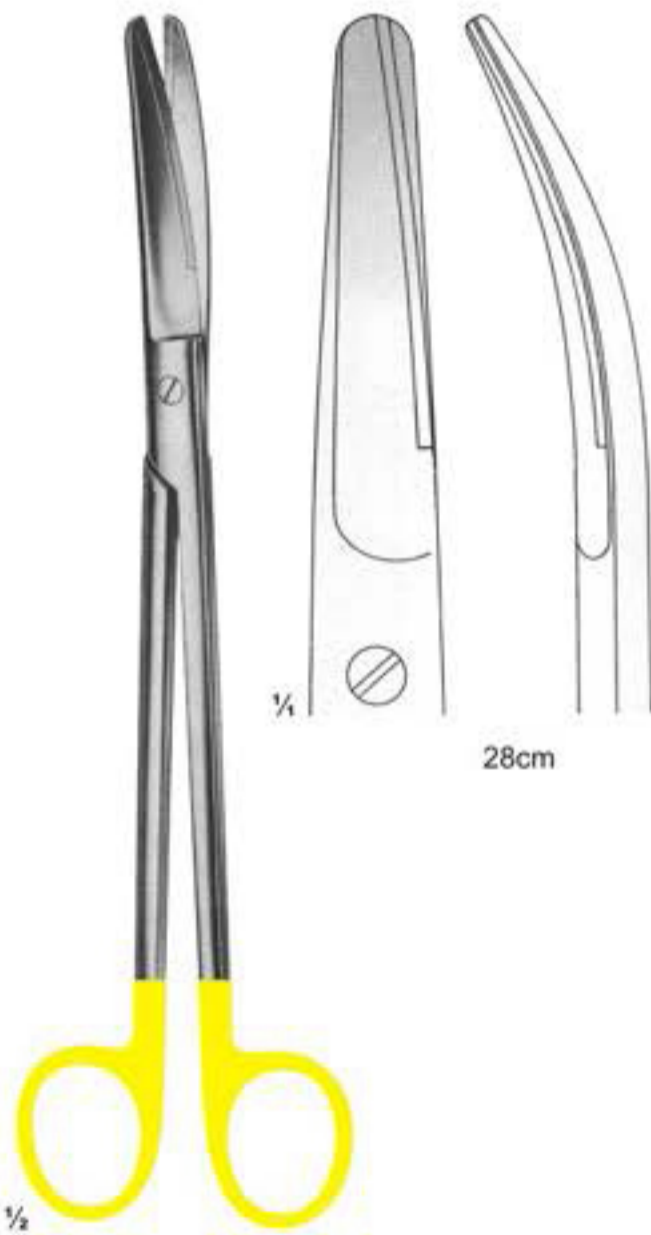


1/2
26-124
Mayo

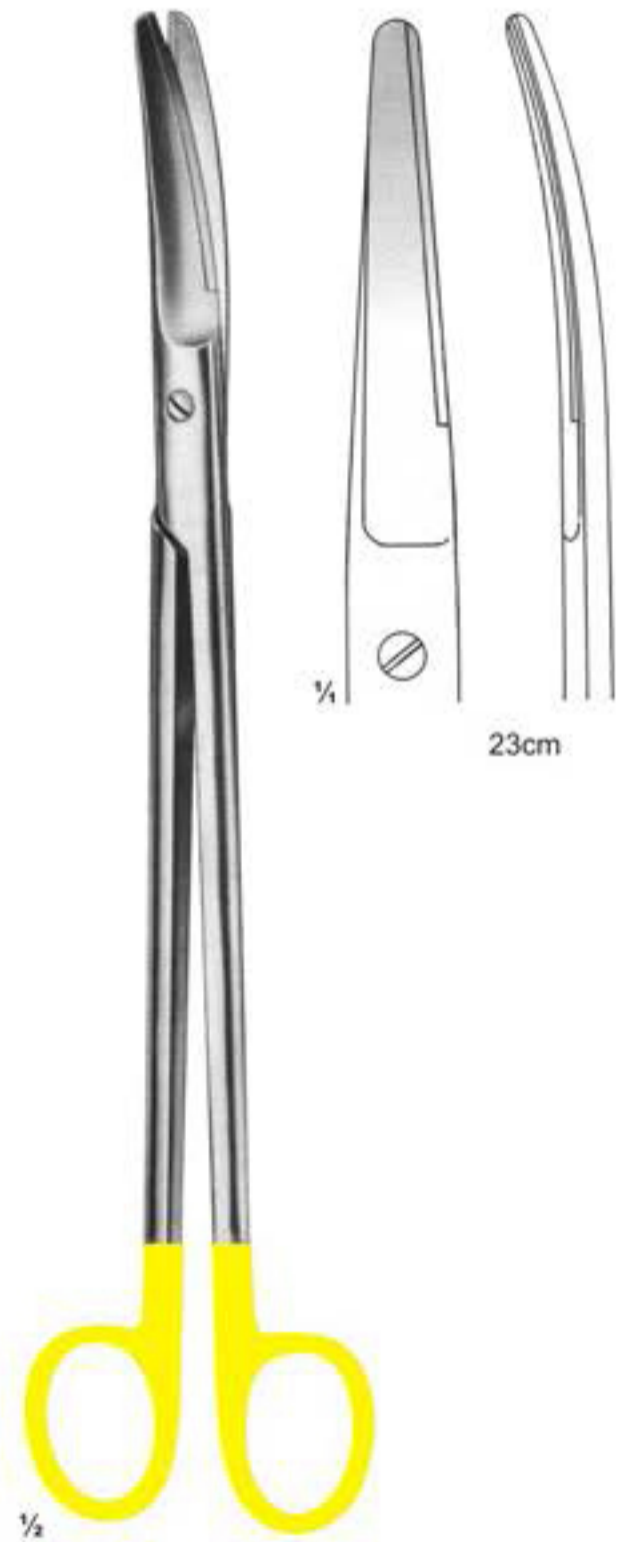
Scissors with Tungsten Carbide Inserts



26-125
Parametrium

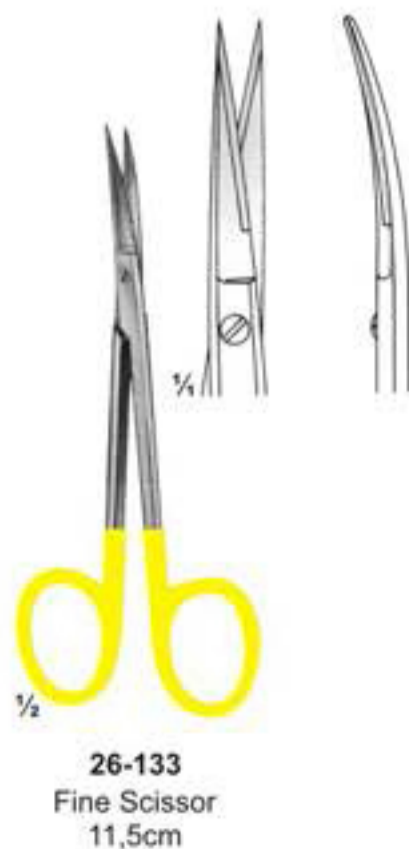
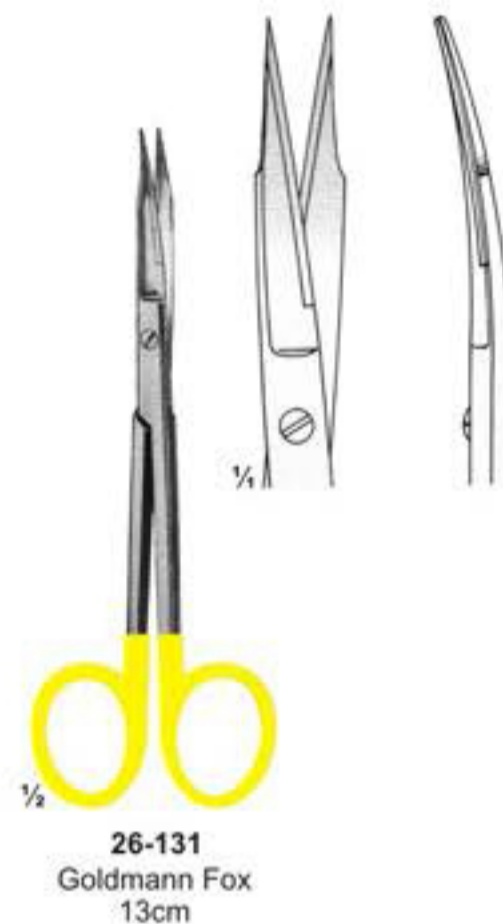


26-126
Mayo-Harrington

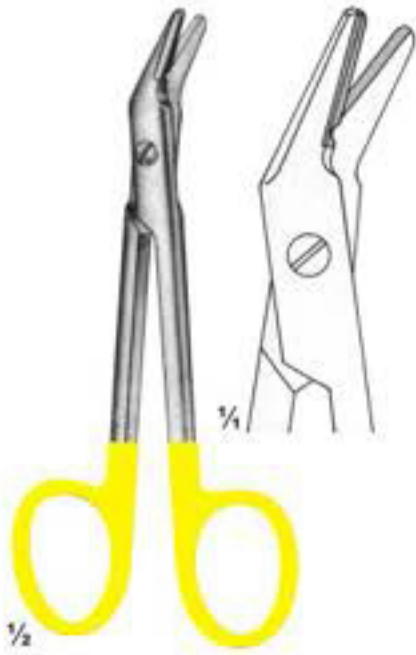


26-127
Sims

Scissors with Tungsten Carbide Inserts



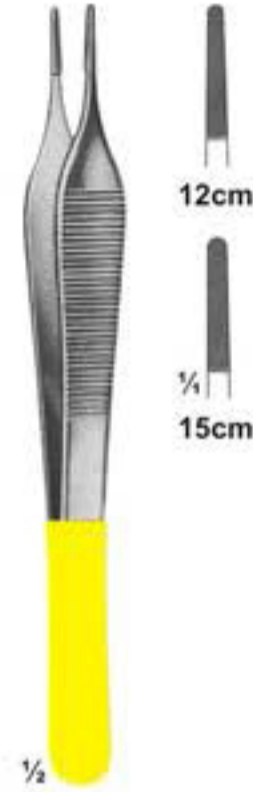
Scissors & Dissecting Forceps with Tungsten Carbide Inserts



26-136
Universal
12cm



26-137
Ligature Scissors
1 Black & 1 Goldplated ring



26-138
Adson



26-139
Cushing
17,5cm



26-140
Cushing
18cm



26-141
Cushing-Taylor
18cm



26-142
Dissecting Forceps
15cm

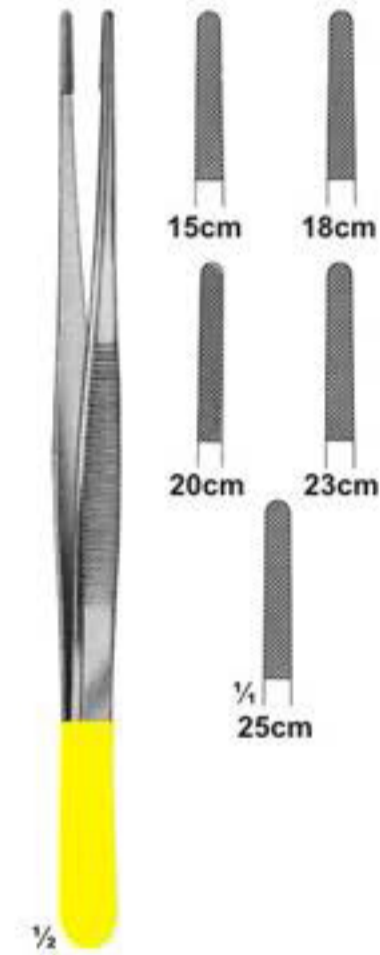


26-143
Semken
15cm

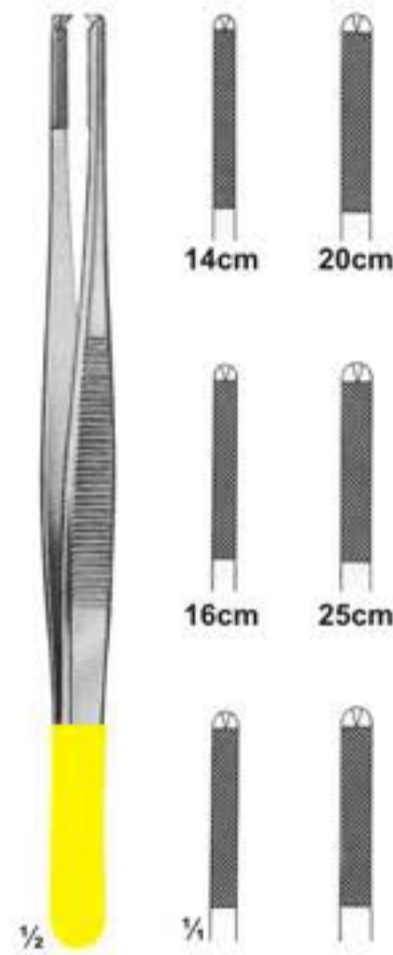
Dissecting Forceps and Needle holders with



26-144
Wangenstein



26-145
Potts-Smith



26-146
Oehler



26-147
Potts-Smith
22cm



26-148
Hepp-Scheidle
18cm



26-149
Castroviejo
14cm



26-150
Castroviejo
14cm



26-151
Arruga
16cm

Needle holders with Tungsten Carbide Inserts



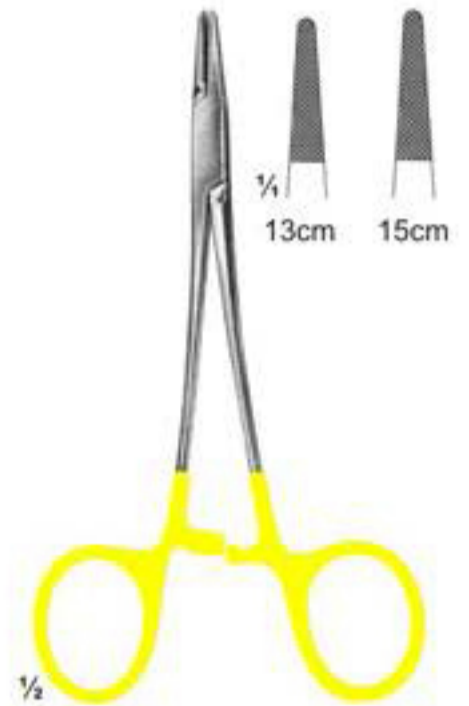
26-152
Arruga
16cm



26-153
Castroviejo
13cm



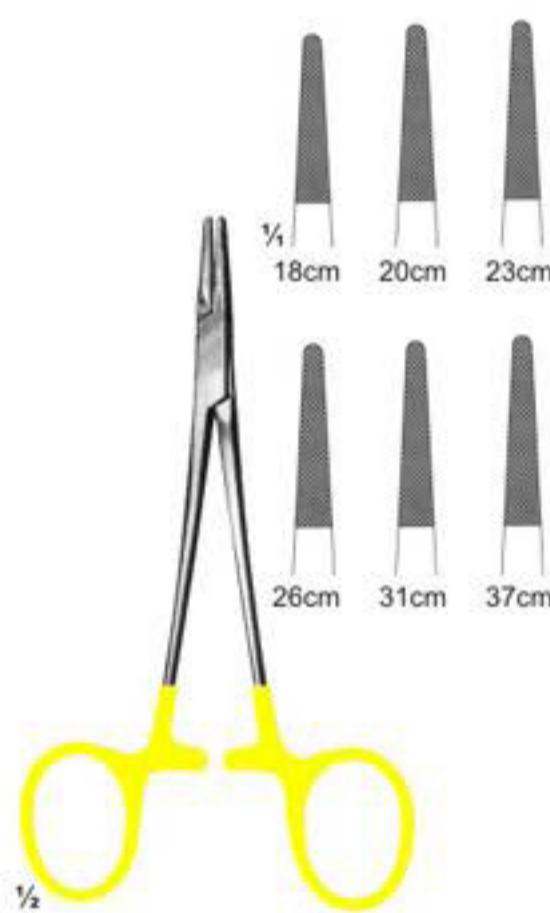
26-154
Hegar
20cm 24cm



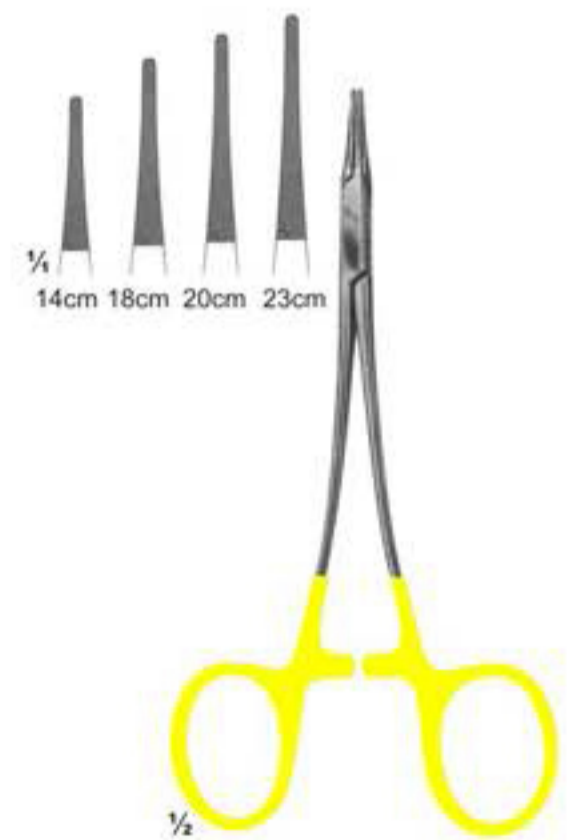
26-155
Halsey
13cm 15cm



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

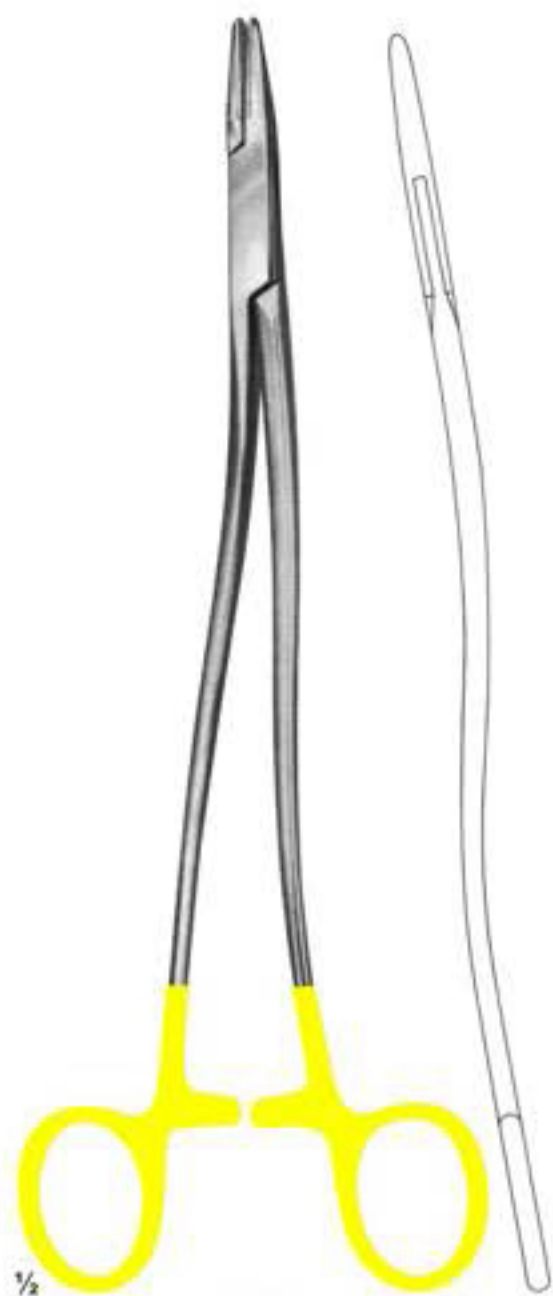


26-157
De-Bakey
18cm 20cm 23cm
26cm 31cm 37cm



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

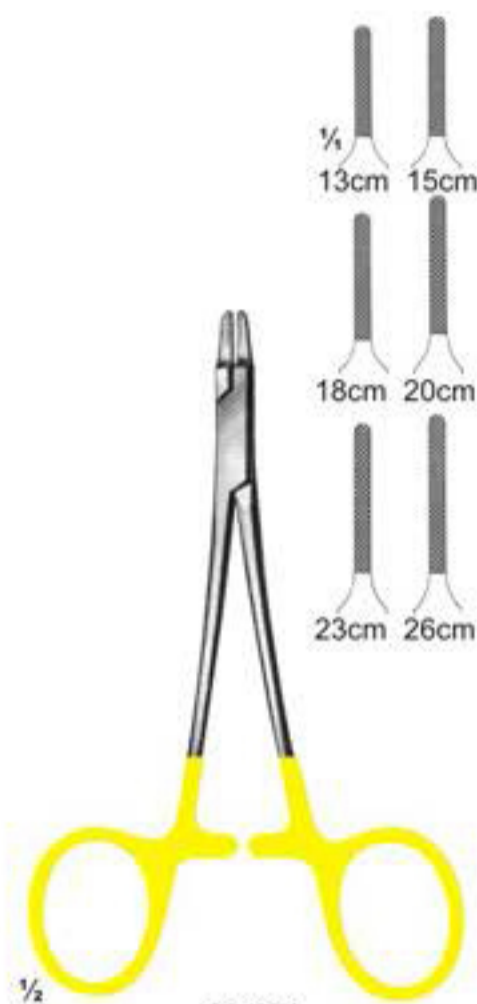
Needle holders with Tungsten Carbide Inserts



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



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



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



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



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



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

Needle holders with Tungsten Carbide Inserts



Needle holders with Tungsten Carbide Inserts



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



1/2
26-173
Lichtenberg
20cm



1/2
26-174
Langhals
20cm 25cm



1/2
26-175
Lichtenberg
20cm 25cm



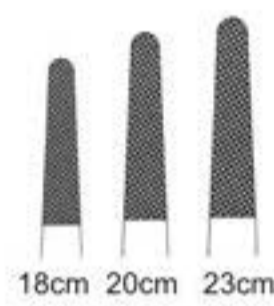
1/2
26-176
Luehty-Beck
20cm 25cm



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

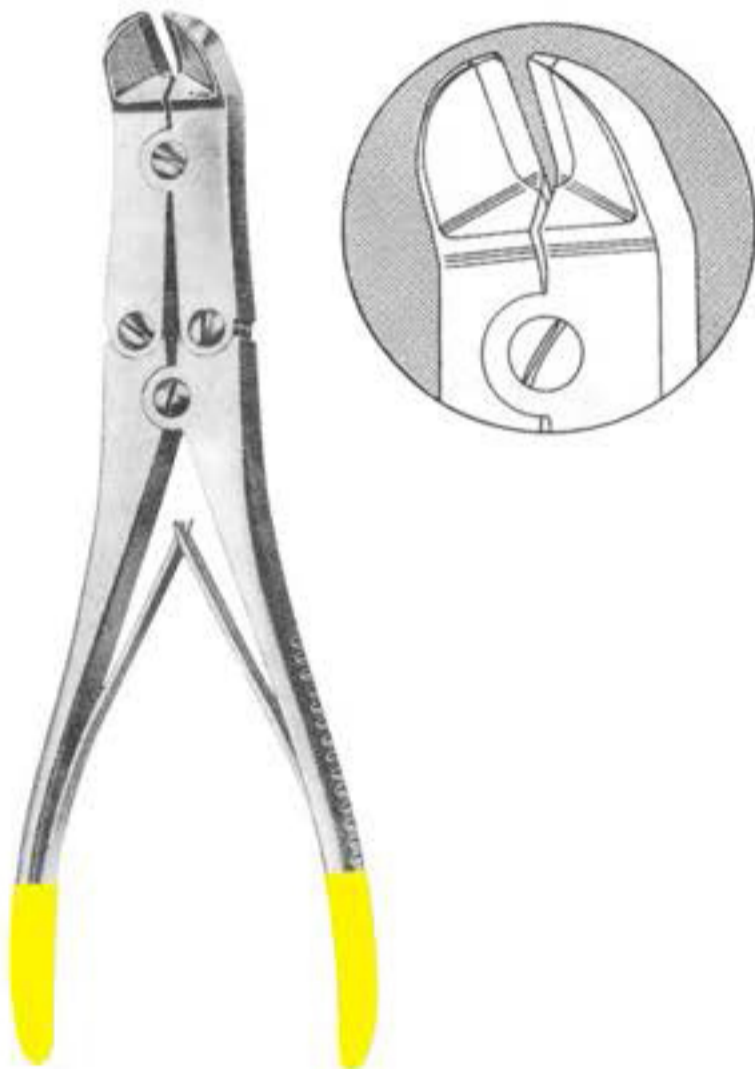
Wire Cutting Plier With T.C. Inserts



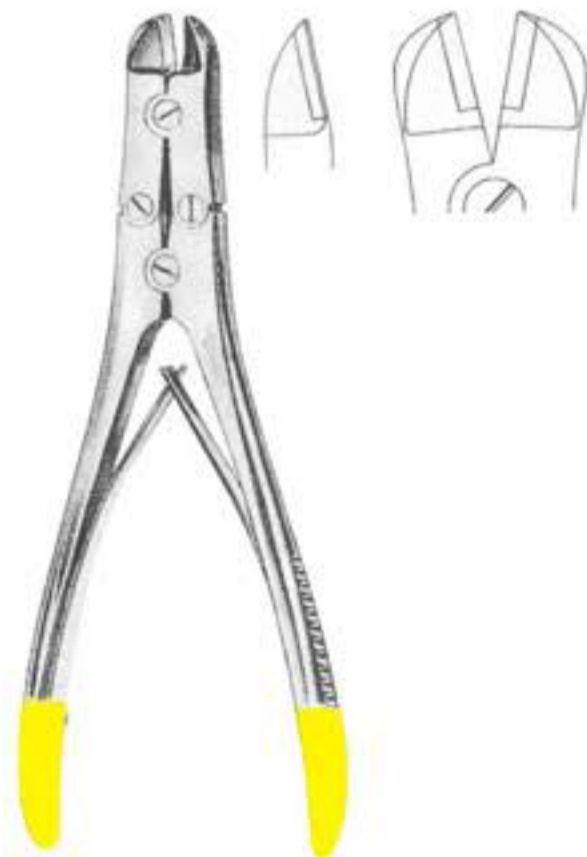
26-180
TOENNIS
Elastic pattern for
dura-or intestinal suture
180 mm



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



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