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Manufacturer, Importer & Exporters Of
Surgical & Deantal Instruments





TOPBRO INSTRUMENTS developed its business by the "motto" of commitment to customer satisfaction by strenuous efforts and striving hard to achieve a best, with a view to establish out mutual business relationship with the customer on a permanent basis.

The customer satisfaction is our credibility. We manufacture surgical instruments with the long range of variety including Surgical, Dental, Beauty Care Instruments and all kind of Scissors. We produce these instruments from stainless steel & Titanium.

TOPBRO INSTRUMENTS offers you a complete line of quality instruments designed to meet the requirement of modern surgical procedures. We have a well equipped production unit with up-to-date latest manufacturing facilities. Our products assure professional confidence, reliability and performance, we have the capacity and team of skilled and experienced workers to provide you quality instruments meeting international standards.

Background Information

We are sales & marketing arm of a mid-size Pakistani Instrument Manufacturer. Our family-owned factories have been producing instruments of nearly twenty years. We currently export to countries worldwide. As a manufacturer we sell our products to importers, exporters, dealers & distributors. We have the ability to custom manufacture and private label any of our about 6000 products.

Corporate Philosophy

We have always believed that a company is a guest in a society and as a guest we have certain moral & legal obligations to the community. We are very proud to market our Pakistani products.

Mission Statement

TOPBRO INSTRUMENTS is dedicated to the manufacturing & worldwide marketing of instruments from Pakistan. We place extremely high regards on:

- The continuous improvement of quality.
- The practice of business in a professional & ethical manner.
- Our moral responsibility to the community & to the natural environment.
- The confidence & satisfaction of our customers.

Best regards,

TOPBRO INSTRUMENTS

Table Of Contents

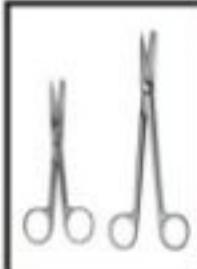
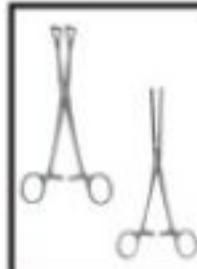
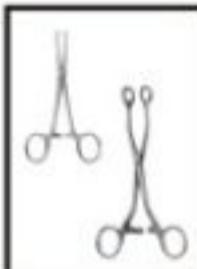
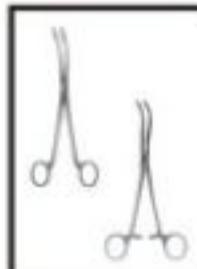
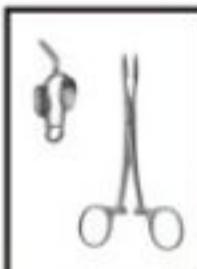
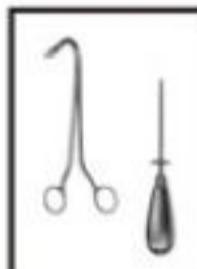
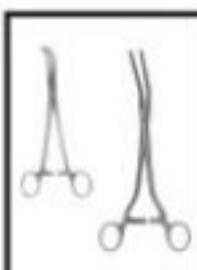
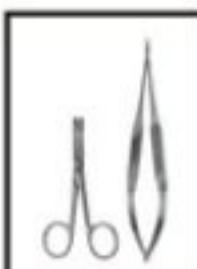
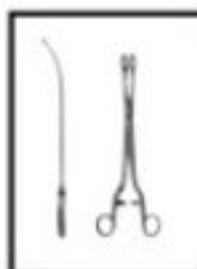
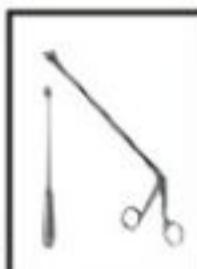
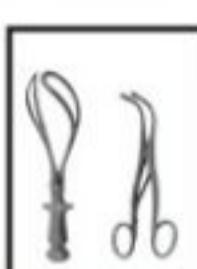
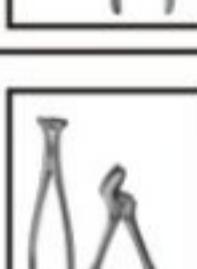
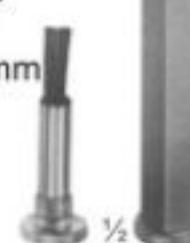
	Page Seite				
Diagnostic, Anaesthesia and other instruments	1 - 10		Probes, Pocket Instruments sets	66 - 68	
Scalpels, knives and Scalpel Handles	11 - 14		Wound Retractors	69 - 80	
Scissors	15 - 31		Sleif-Retaining Retractors, Abdominal Retractors	81 - 85	
Dissecting-and Tissue Forceps	32 - 42		Abdominal 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	
Biopsy Instruments and Curettes	110 - 116	
Suction Instruments	158 - 166	
Obstetrics and Tracheotomy	117 - 119	
Cardiovascular-and Thoracic Surgery	120 - 128	
Bone Punches, Rongeurs	129 - 134	
Elevators, Bone Levers, Raspatories, Bone Files, Bone Curettes	135 - 139	
Mallets, Chisels and Gouges	140 - 141	
Bone Holding Forceps, Bone Rongeurs, Bone Cutting Forceps	142 - 146	
Plaster Instruments	147 - 157	

Percussion Hammers and Aesthesiometers



Stethoscopes



01-110
PINARD (Aluminum)
Size: 155 mm



01-111
wooden
Size: 145 mm



01-112
BOWLES
Stethoscope
with diaphragm



01-113
ANESTOPHON

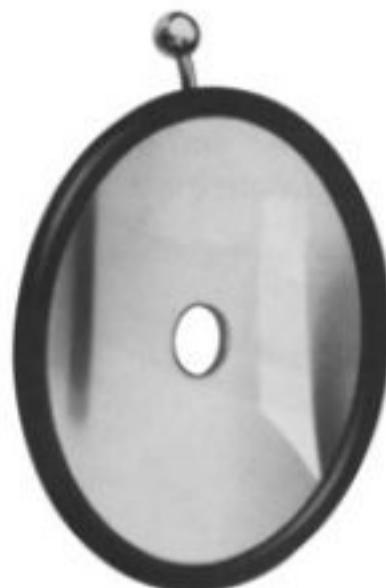


01-114
FORD-BOWLES
Dual chest piece
with two outlets

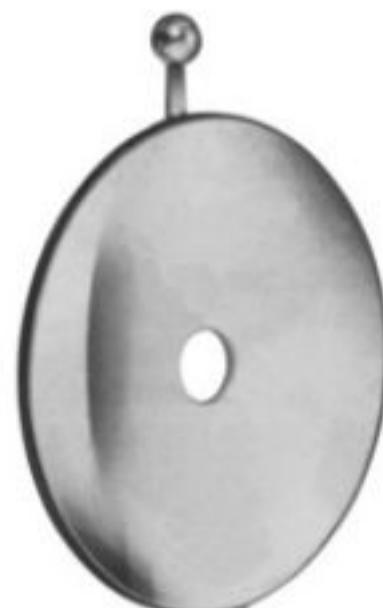


01-115
BOWLES

Head Mirrors and Head Bands



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



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



01-118
ZIEGLER
head band of plastic black



01-120
MURPHY
head band of celluloid, white

01-119
ZIEGLER
head band of plastic white

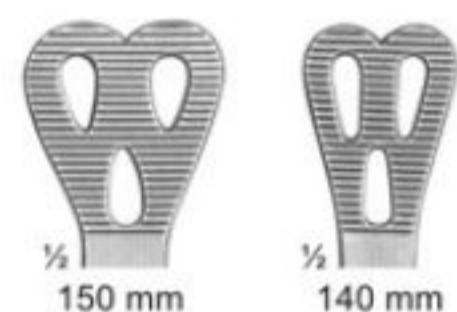
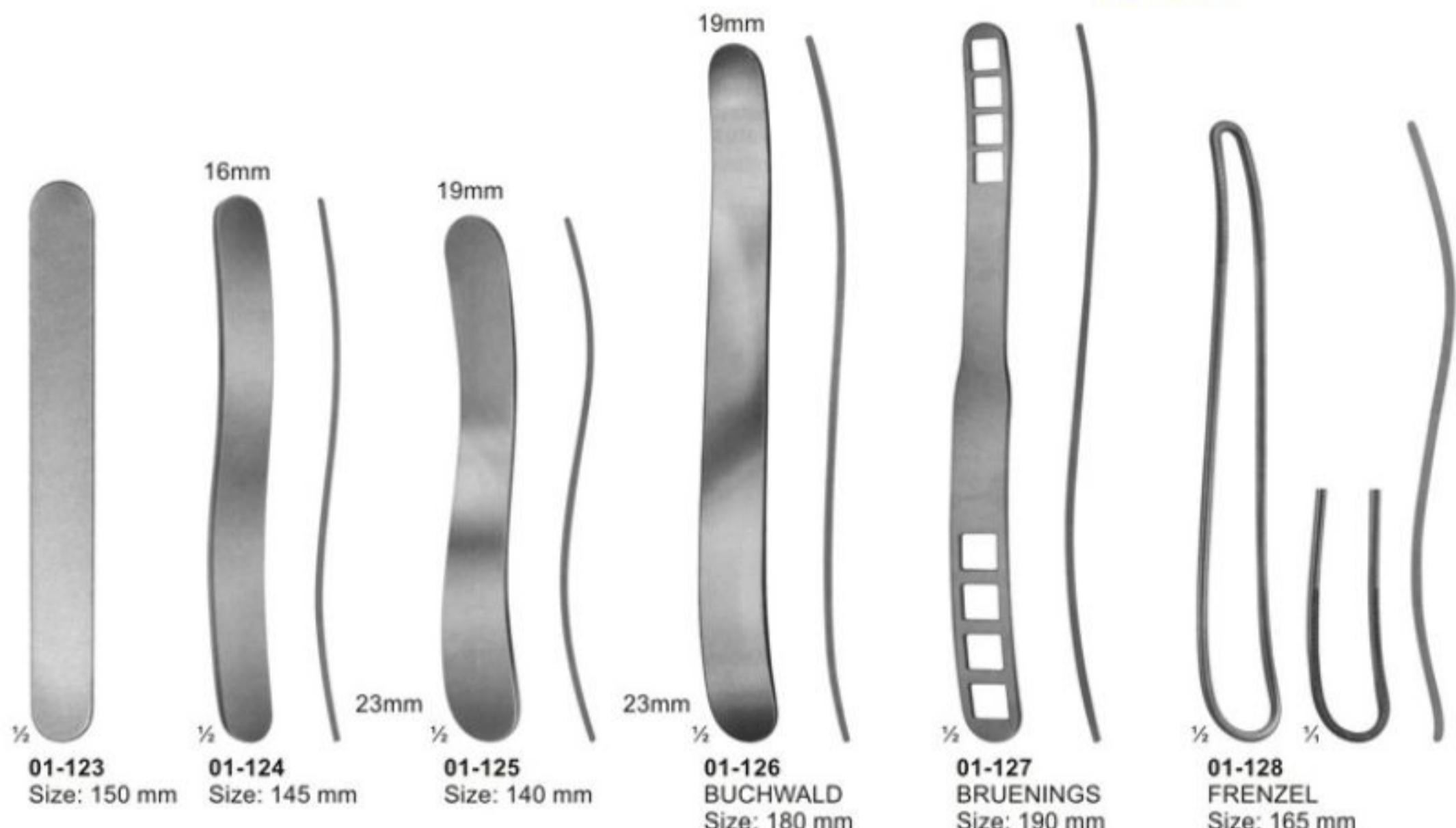


01-121
head band of plastic,
white, soft pattern

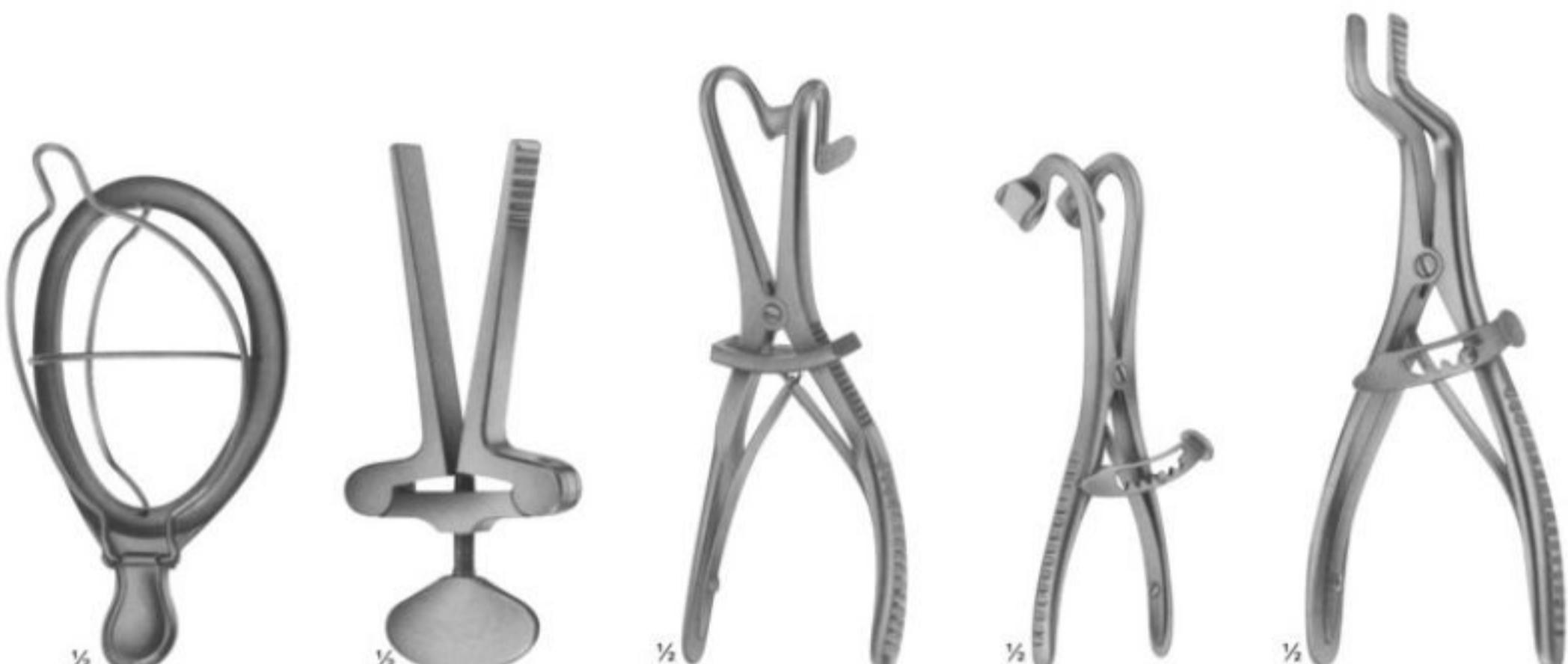


01-122
head mirror with black
plastic head band.

Tongue Depressors



Instruments for Anaesthesia and Tongue Forceps



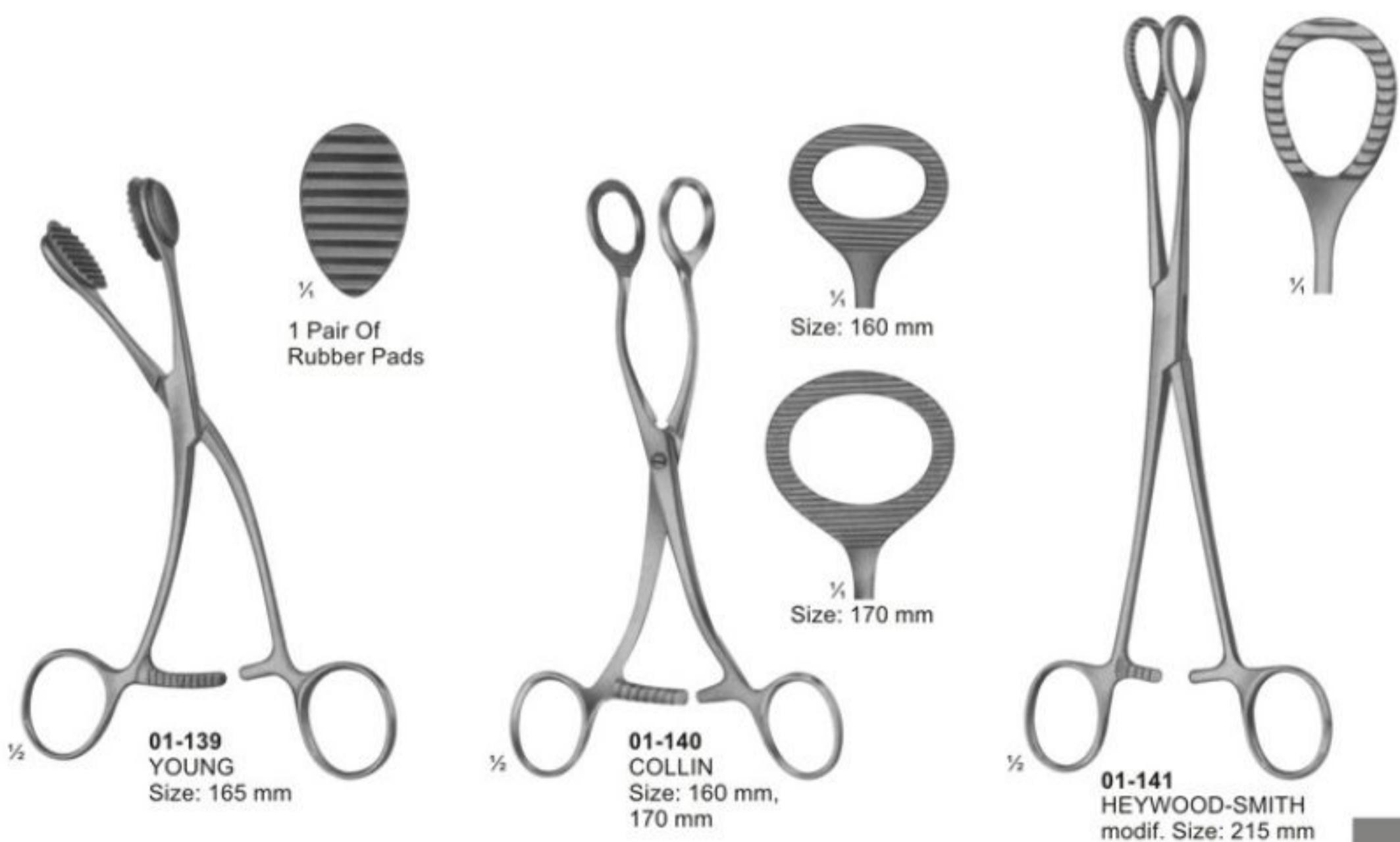
01-134
SCHIMMELBUSCH
Ether mask

01-135
HEISTER
Mouth gag
Size: 130 mm

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

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

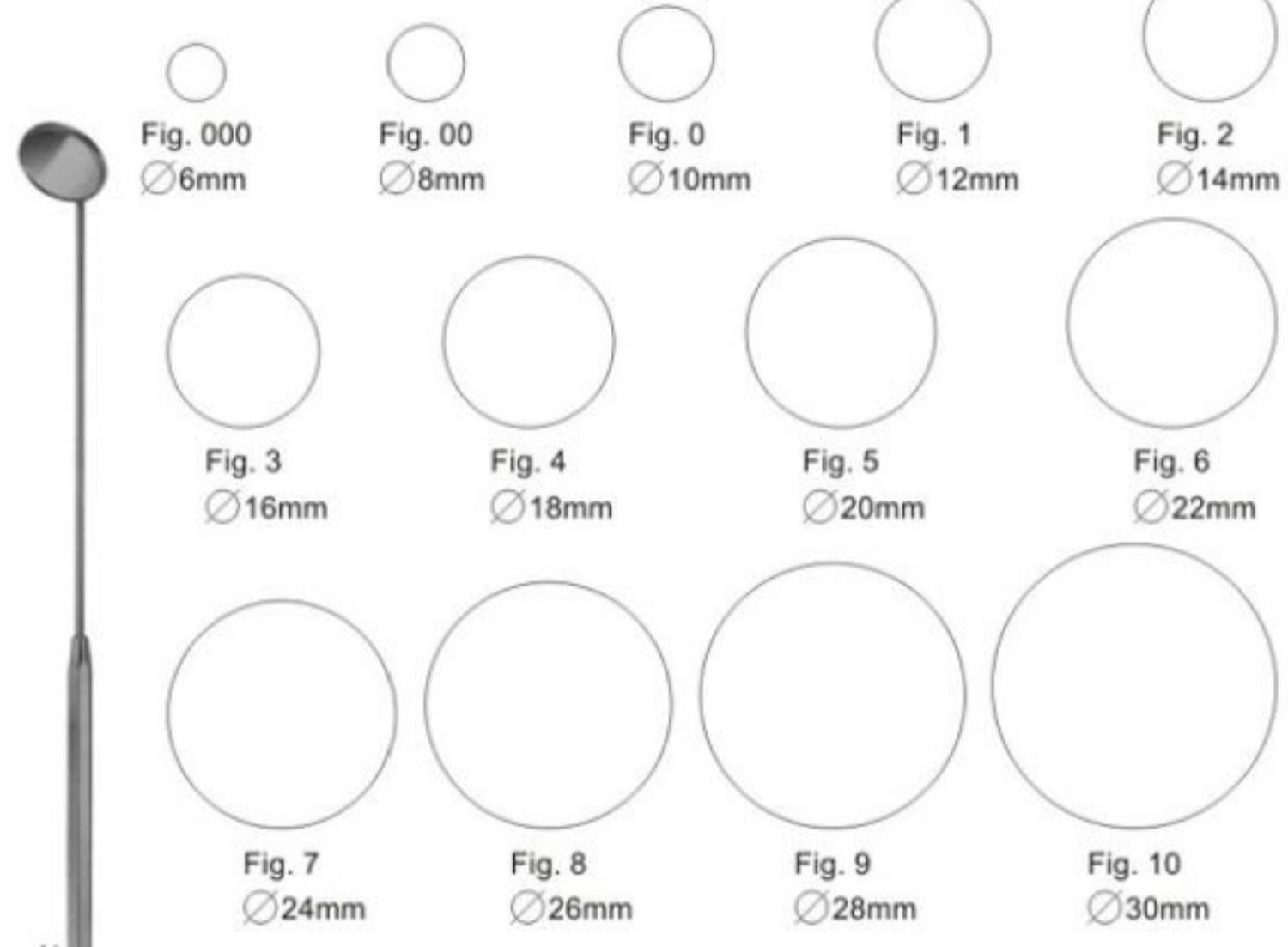
01-138
ROSER KOENIG
Mouth gag
Size:160 mm 185 mm



Blood Lancets and Laryngeal Mirrors



01-142
FRANCKE
Automatic blood lancet



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



01-148
Spare mirrors only
Size: 12 mm



01-149
Spare mirrors only
Size: 14 mm



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



01-145
Mirror handle
Size: 110 mm



01-146
Mirror handle
Size: 105 mm



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

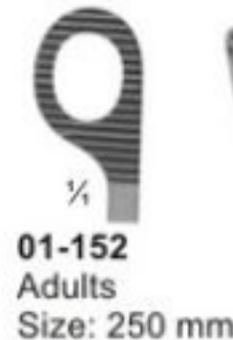
Laryngoscope and Diagnostic Sets



01-150
Infants
Size: 150 mm



01-151
Children
Size: 200 mm



01-152
Adults
Size: 250 mm



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



01-158

MILLER

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

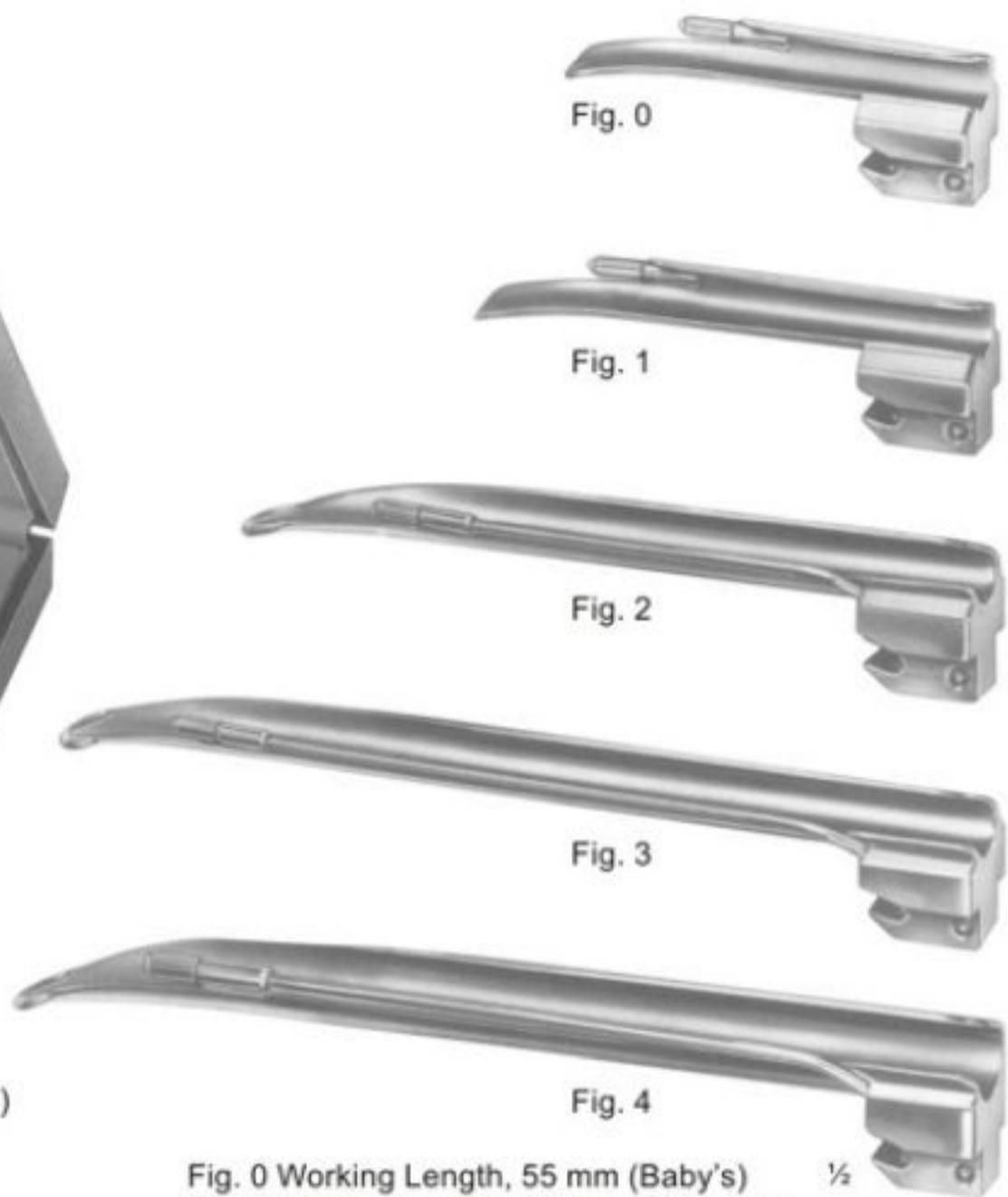


Fig. 0 Working Length, 55 mm (Baby's)
Fig. 1 Working Length, 80 mm (Children's)
Fig. 2 Working Length, 130 mm (Adolescent's)
Fig. 3 Working Length, 170 mm (Women's)
Fig. 4 Working Length, 180 mm (Men's)



01-159

GUEDEL-NEGUS

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



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

Laryngoscopes



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

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

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

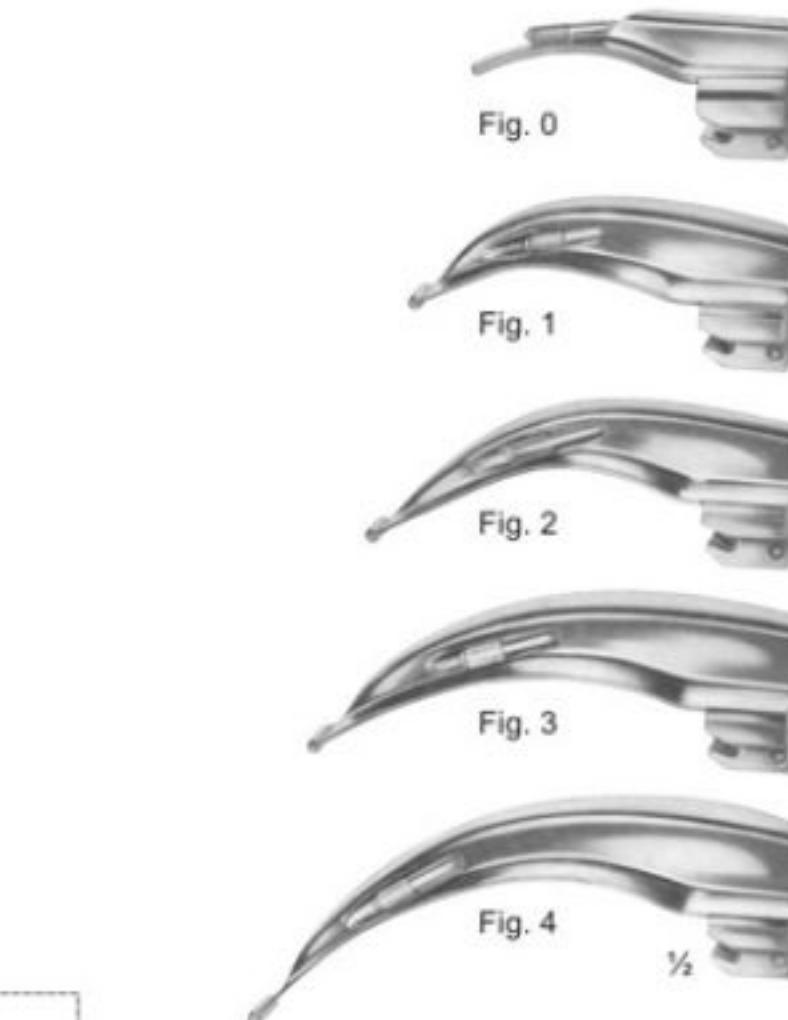
01-163
FOREGGER
Laryngoscope Set, Consists Of
Battery Handle (Without Battery)
With Four Foregger Blades,
Fig. 1, Fig. 2, Fig. 3, Fig. 4,



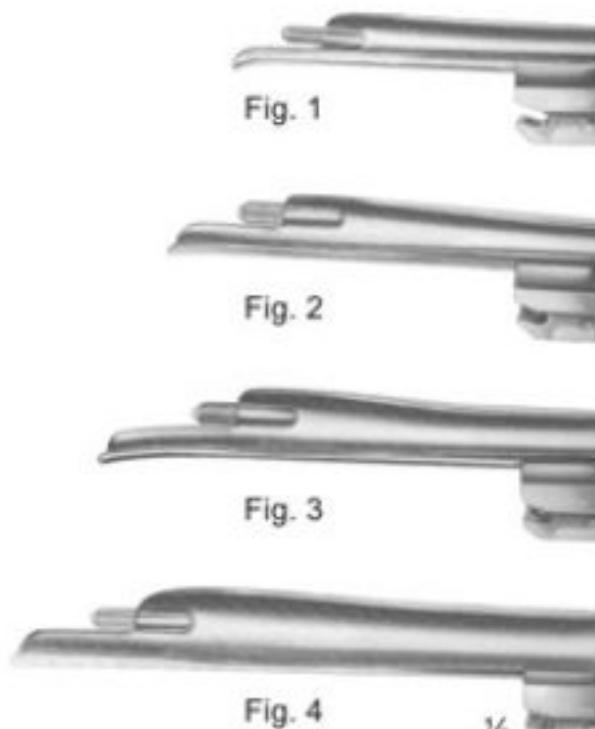
01-164
Fiber Optic
Battery Handle
30mm diam.



01-165
Fiber Optic
Battery Handle
18mm diam.



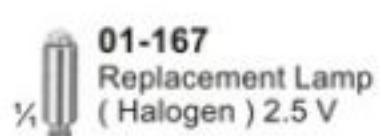
01-161 A Fig. 0 Working Length, 55 mm (Baby's)
01-161 B Fig. 1 Working Length, 75 mm (Children's)
01-161 C Fig. 2 Working Length, 90 mm (Adolescent's)
01-161 D Fig. 3 Working Length, 110 mm (Women's)
01-161 E Fig. 4 Working Length, 135 mm (Men's)



01-162 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)

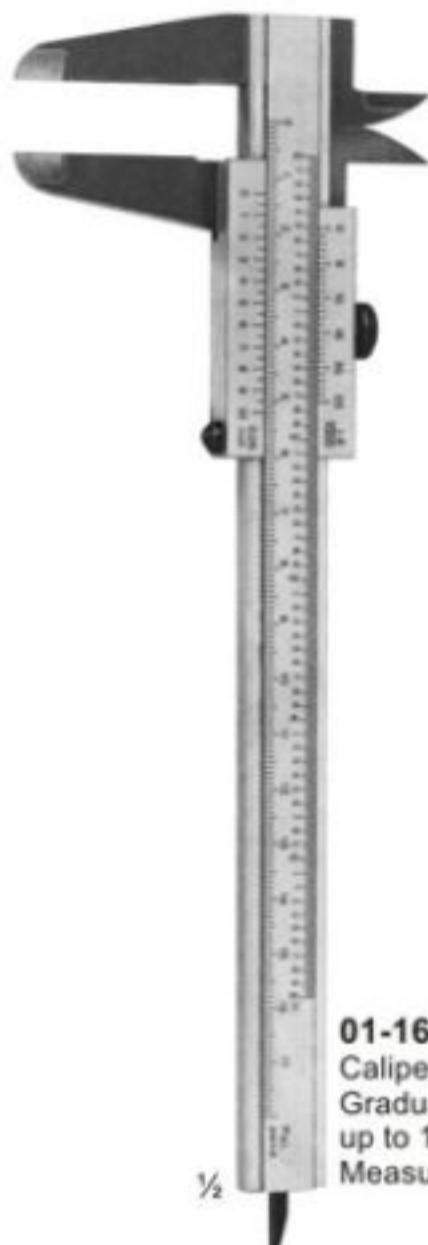


01-166
Replacement Lamp
(Krypton) 2.5 V



01-167
Replacement Lamp
(Halogen) 2.5 V

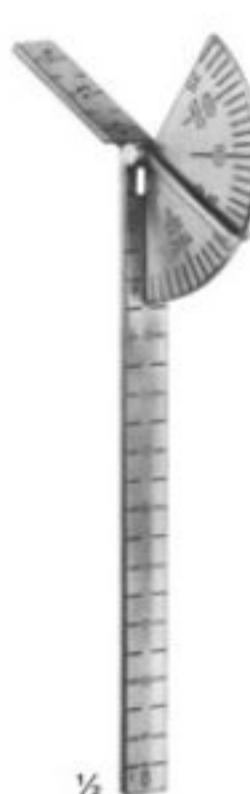
Examination & Measuring Instruments



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

Blade length
Amputating Knives

CATLIN
Size: 160 mm
Blade length

02-116
Size: 120 mm
Blade length

02-117
Size: 110 mm
Blade length

02-118
Size: 55 mm
Blade length

02-119
Size: 70 mm
Blade length

02-120
Size: 80 mm
Blade length

02-121
Size: 195 mm
Blade length

Cone Knives, Myomatome, Trigeminal and Tonsil Knives



02-122
AYRE
Size: 235 mm
Cone Knife

02-123
Size: 230 mm
Cone Knife

02-124
SEGOND
Size: 270 mm
Myomatome

02-125
OLIVECRONA
Size: 205 mm
Trigeminal
Knife

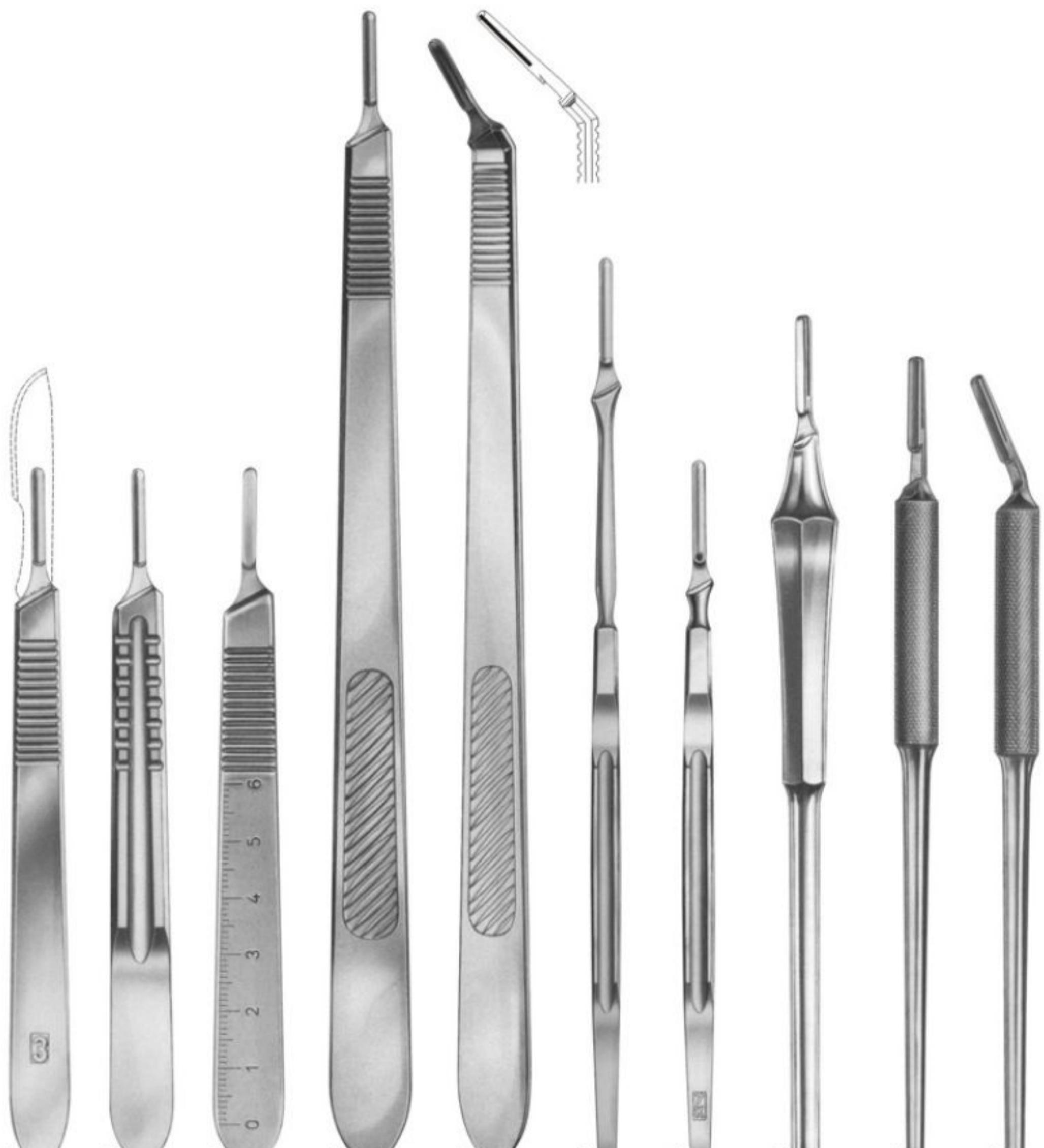
02-126
Size: 230 mm
Trigeminal
Knife

02-127
FOWLER
Size: 200 mm
Tonsil Knife

02-128
ABRAHAM
Size: 215 mm

02-129
BRUNINGS
Size: 215 mm

Scalpel Handles



02-130
STANDARD
No. 3
No. 3
Solid
12 cm

02-131
No. 3
Solid
12 cm

02-132
No. 3
Straight
Solid
21.5 cm

02-133
No. 3 L
Straight
Solid
21 cm

02-134
No. 3 L
Angled
Solid
21 cm

02-135
No. 7
Solid
16 cm

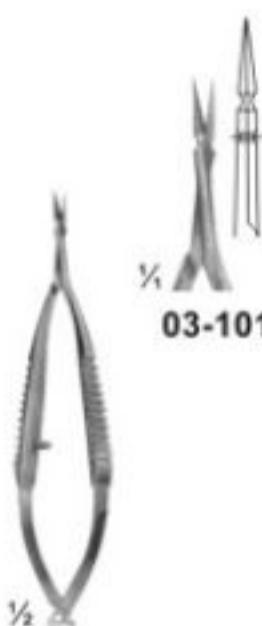
02-136
No. 7 K
Solid
12.5 cm

02-137
Hollow-Round
15.5 cm

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

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

Micro Scissors (Spring Type) with Flat Handles



03-101 - 103
VANNAS
Size: 85 mm



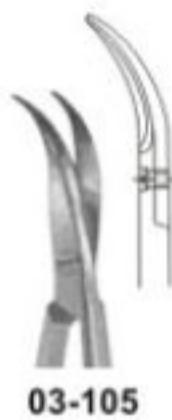
03-102



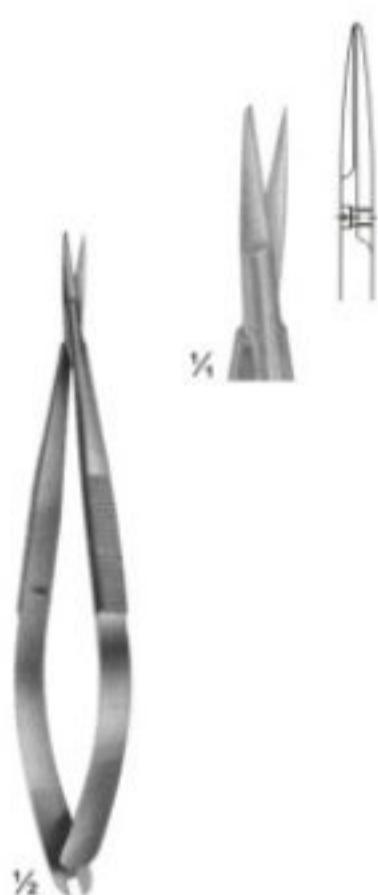
03-103



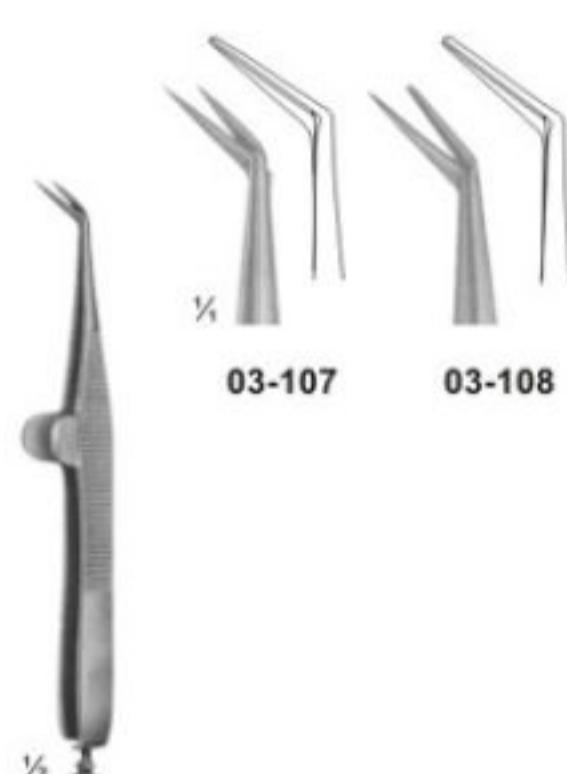
03-104 - 105
CASTROVIEJO
Size: 95 mm



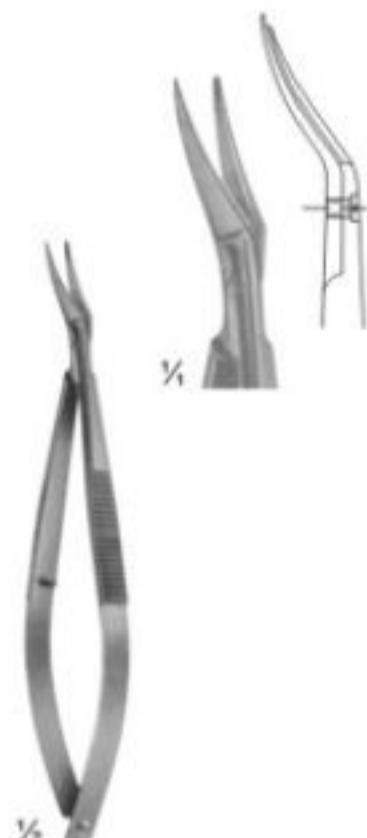
03-105



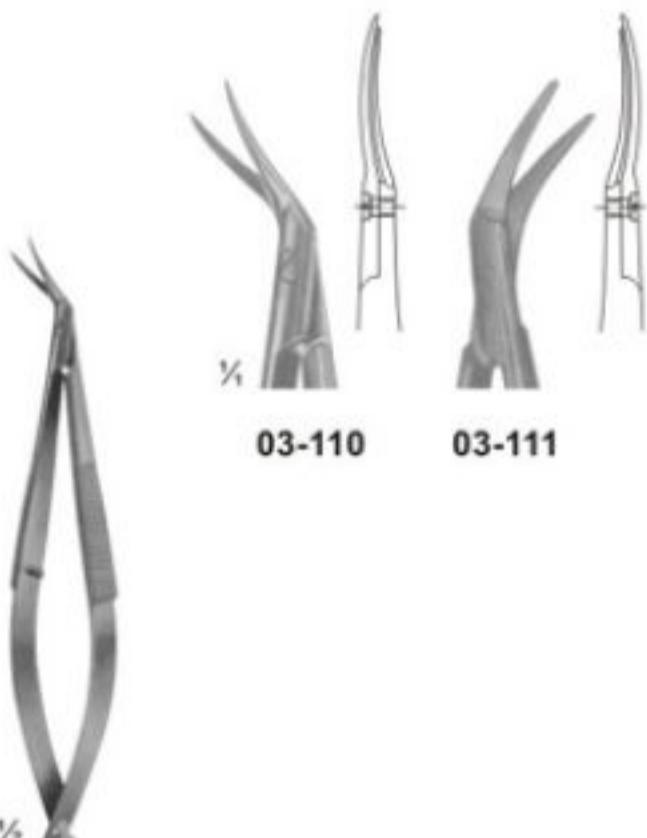
03-106
NOYES
Size: 125 mm



03-107



03-108



03-110



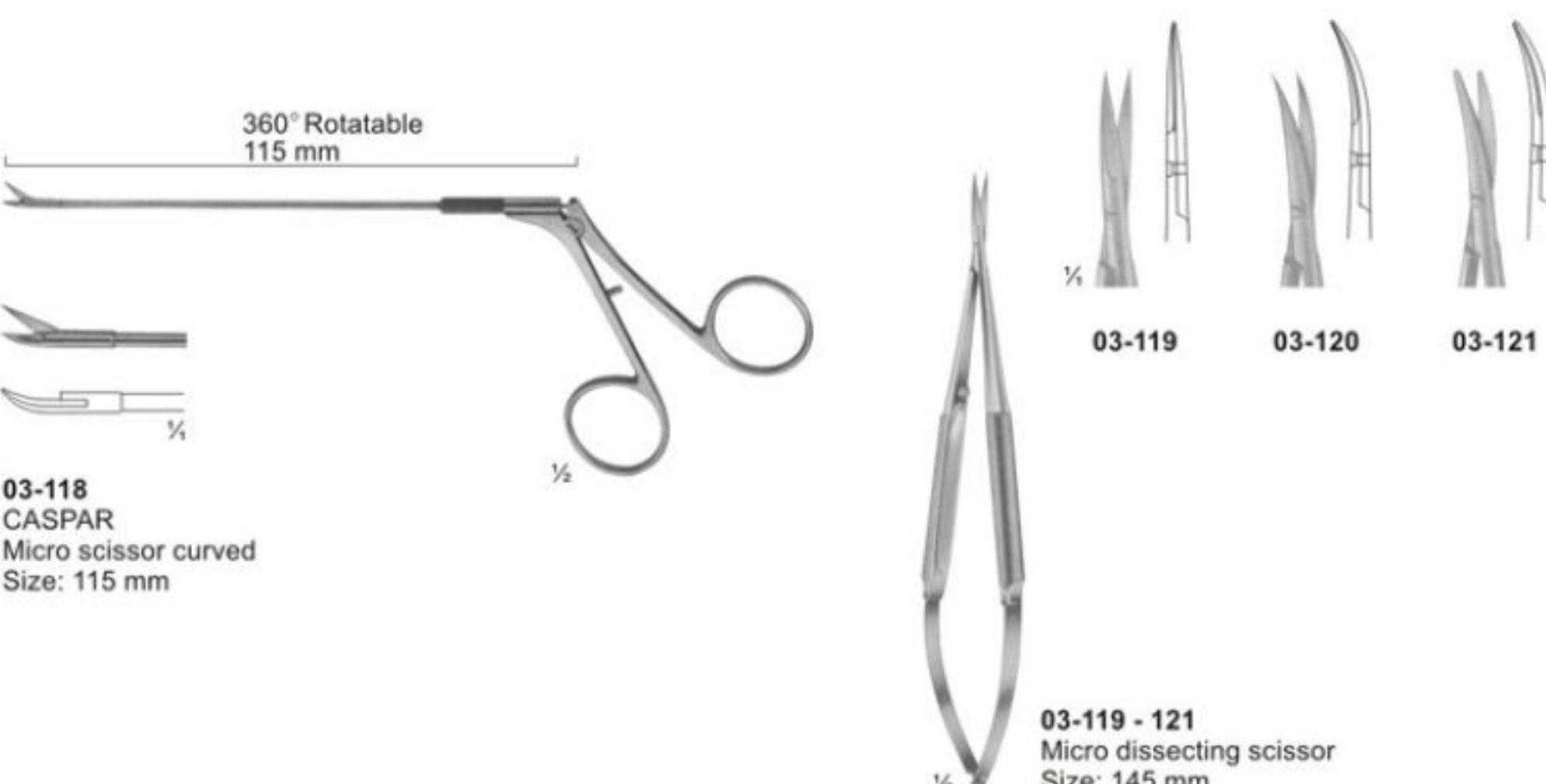
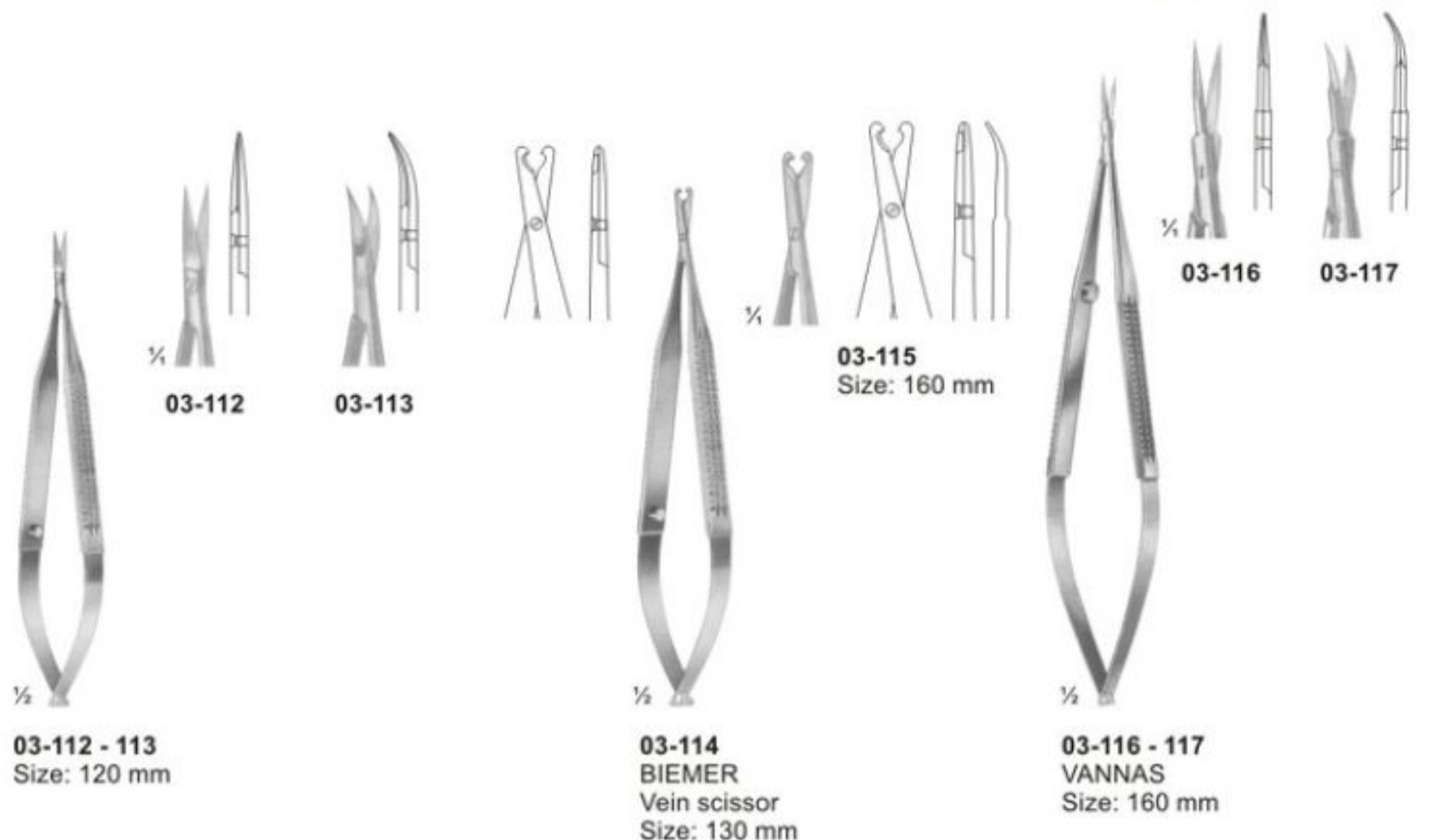
03-111

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

03-109
CASTROVIEJO
Eye scissor
Size: 115 mm

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

Micro Scissors (Spring Type) with Flat Handles



Micro Scissors (Spring Type) bayonet-Shaped



03-122
YASARGIL
Size: 245 mm



03-125
laterally angled
Size: 190 mm



03-123
45°

03-124
45°

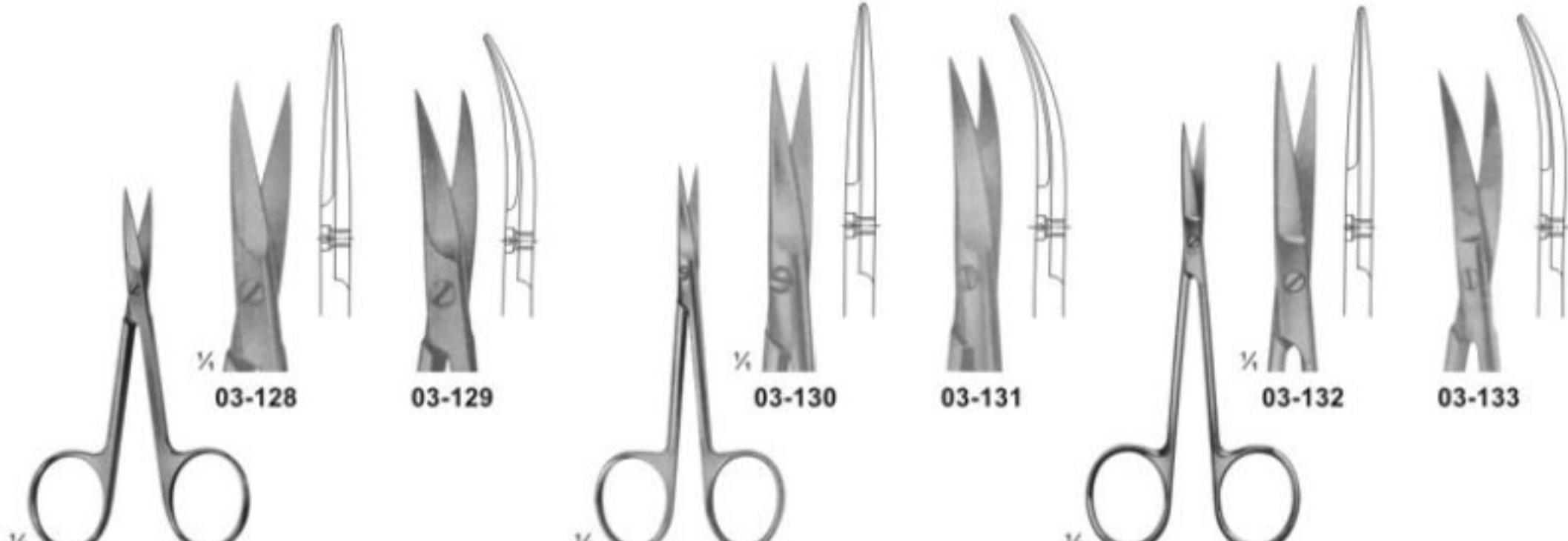


03-126

03-127

03-126 - 127
YASARGIL
Size: 225 mm

Delicate Scissors



03-128 - 129
Size: 90 mm

03-130 - 131
Size: 95 mm

03-132 - 133
Size: 105 mm



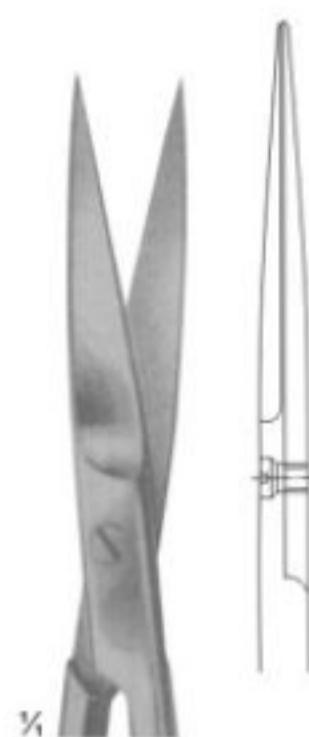
03-134 - 135
Size: 120 mm

03-136 - 137
Size: 115 mm

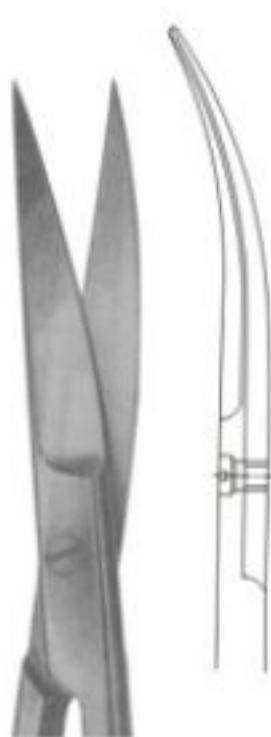
Delicate Scissors



03-138 - 140
Size: 120 mm



03-138



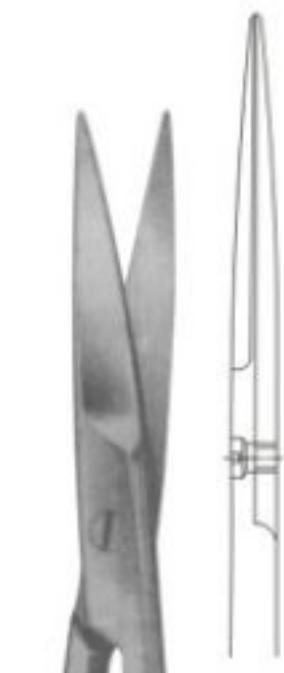
03-139



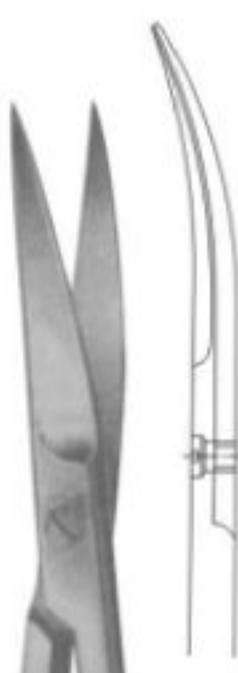
03-140



03-141 - 144
Size: 130 mm



03-141



03-142



03-143



03-144

Surgical Scissors


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


 03-145
 Size: 105 mm


 03-153
 Size: 200 mm

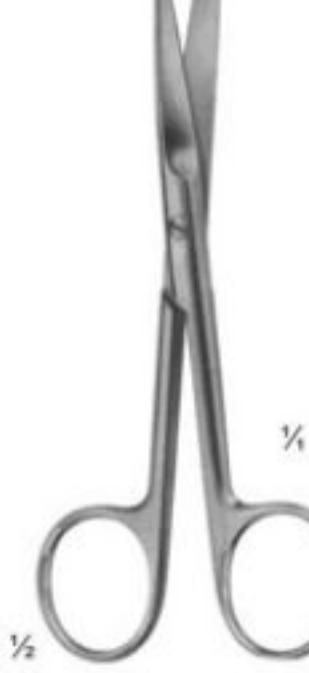

 03-154 - 160 (Standard types)
 03-154 (115 mm)
 03-155 (130 mm)
 03-156 (145 mm)
 03-157 (150 mm)
 03-158 (165 mm)
 03-159 (175 mm)
 03-160 (185 mm)


 03-154
 Size: 115 mm


 03-160
 Size: 185 mm


 03-161
 130 mm


 03-162
 145 mm


 03-161 - 164
 Slender types


 03-163
 130 mm

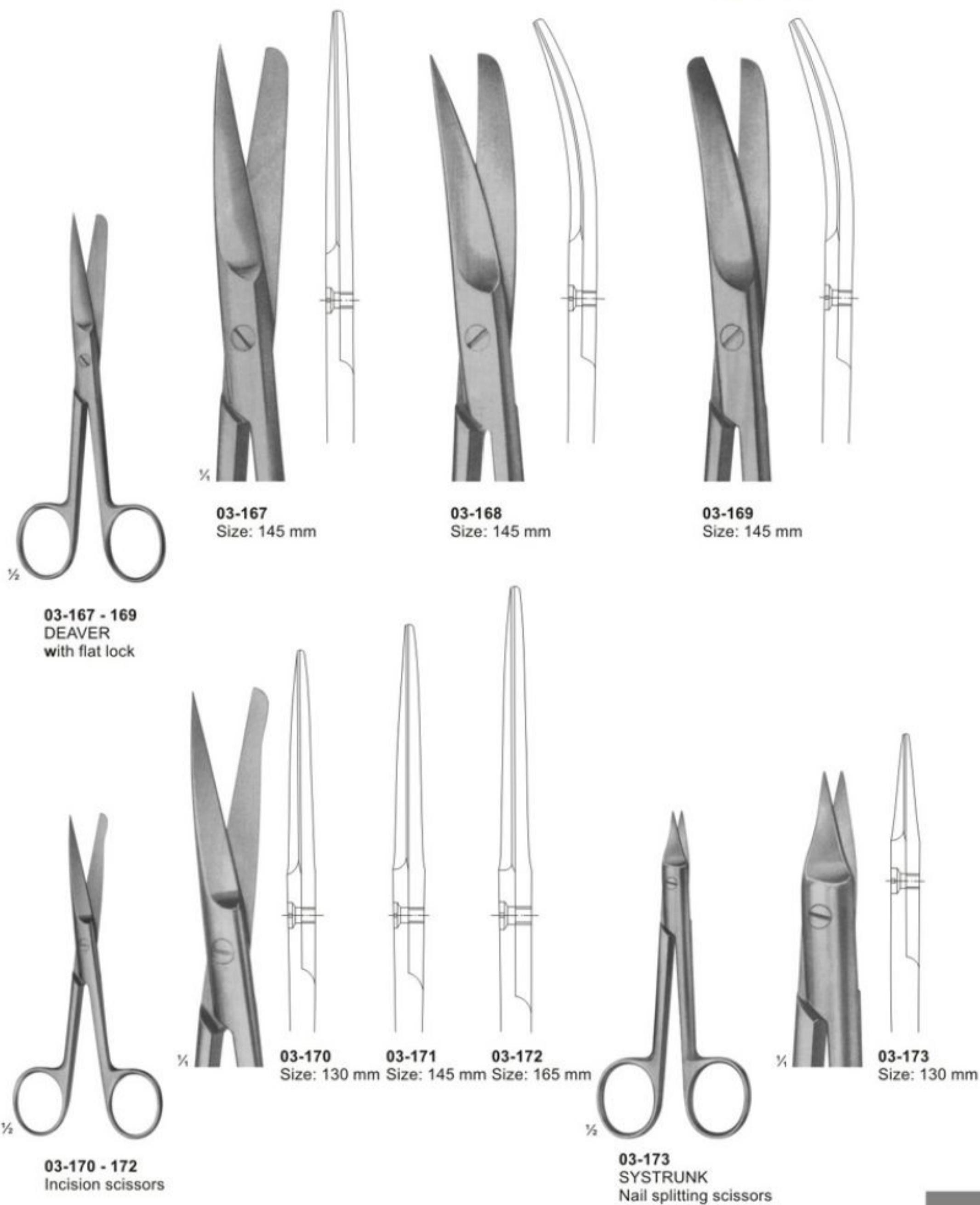

 03-164
 145 mm


 03-165
 130 mm

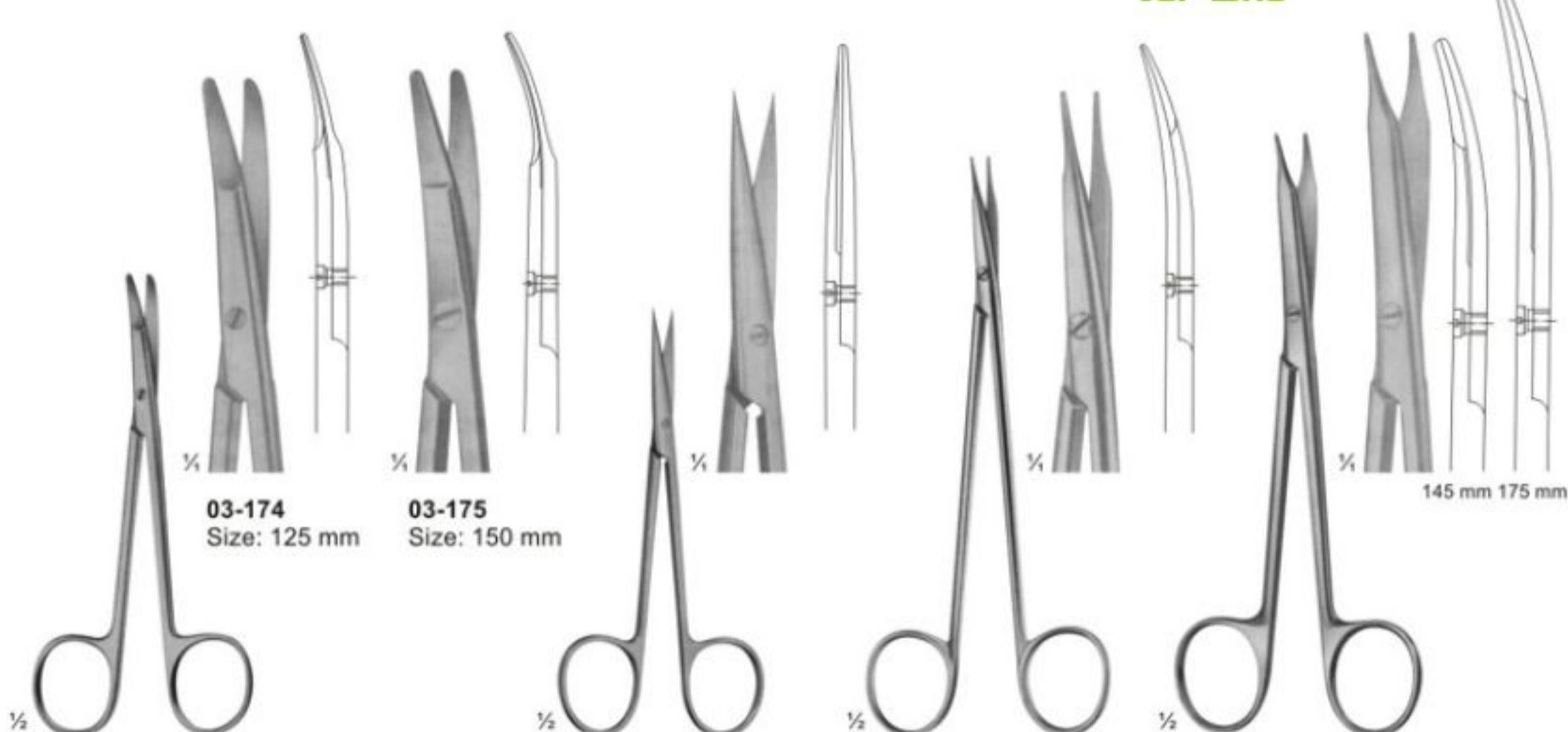

 03-166
 130 mm


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

Surgical Scissors



Dissecting Scissors

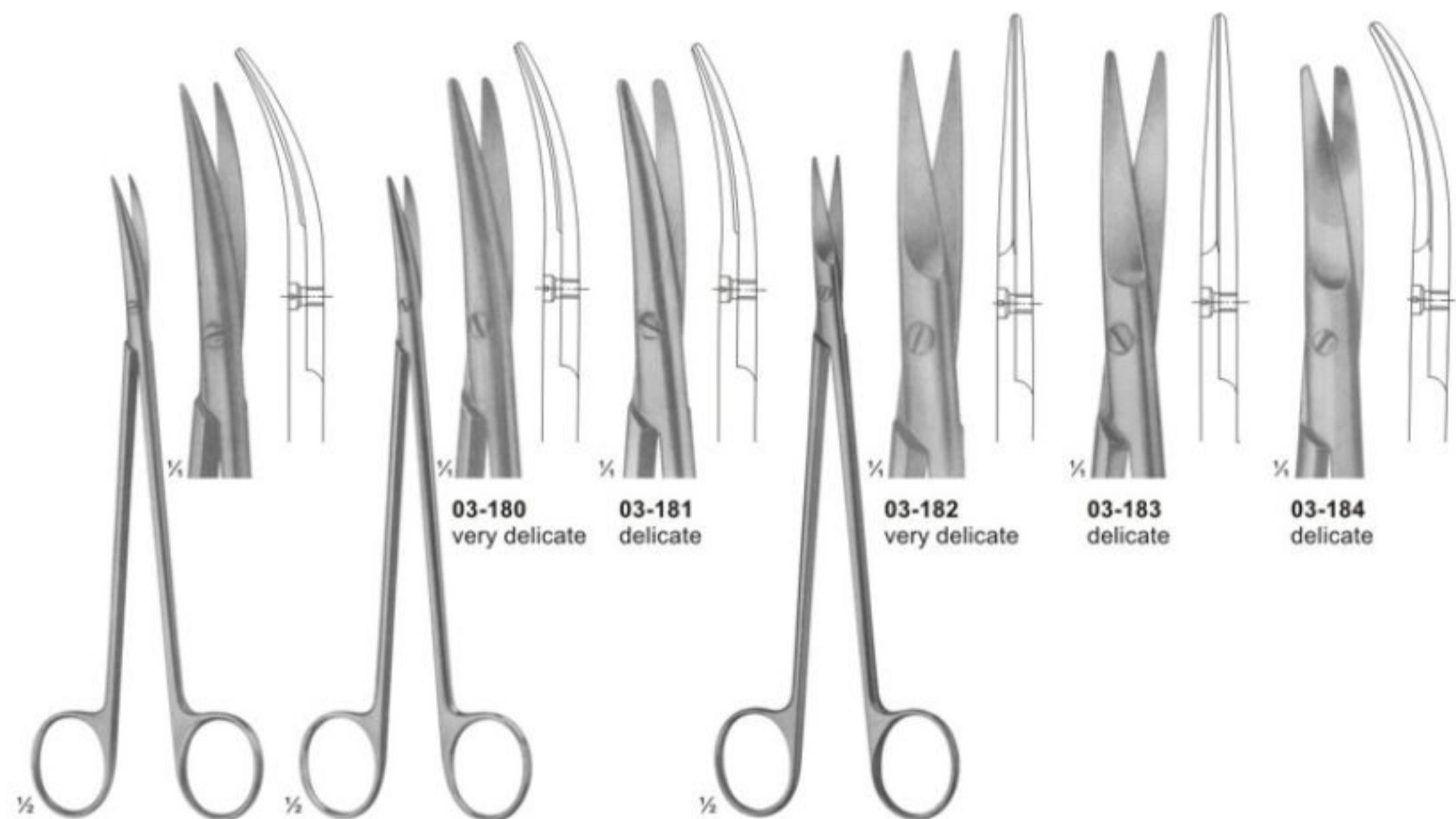


03-174 - 175
KILNER
Special flat points for dissecting
and undermining the skin

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

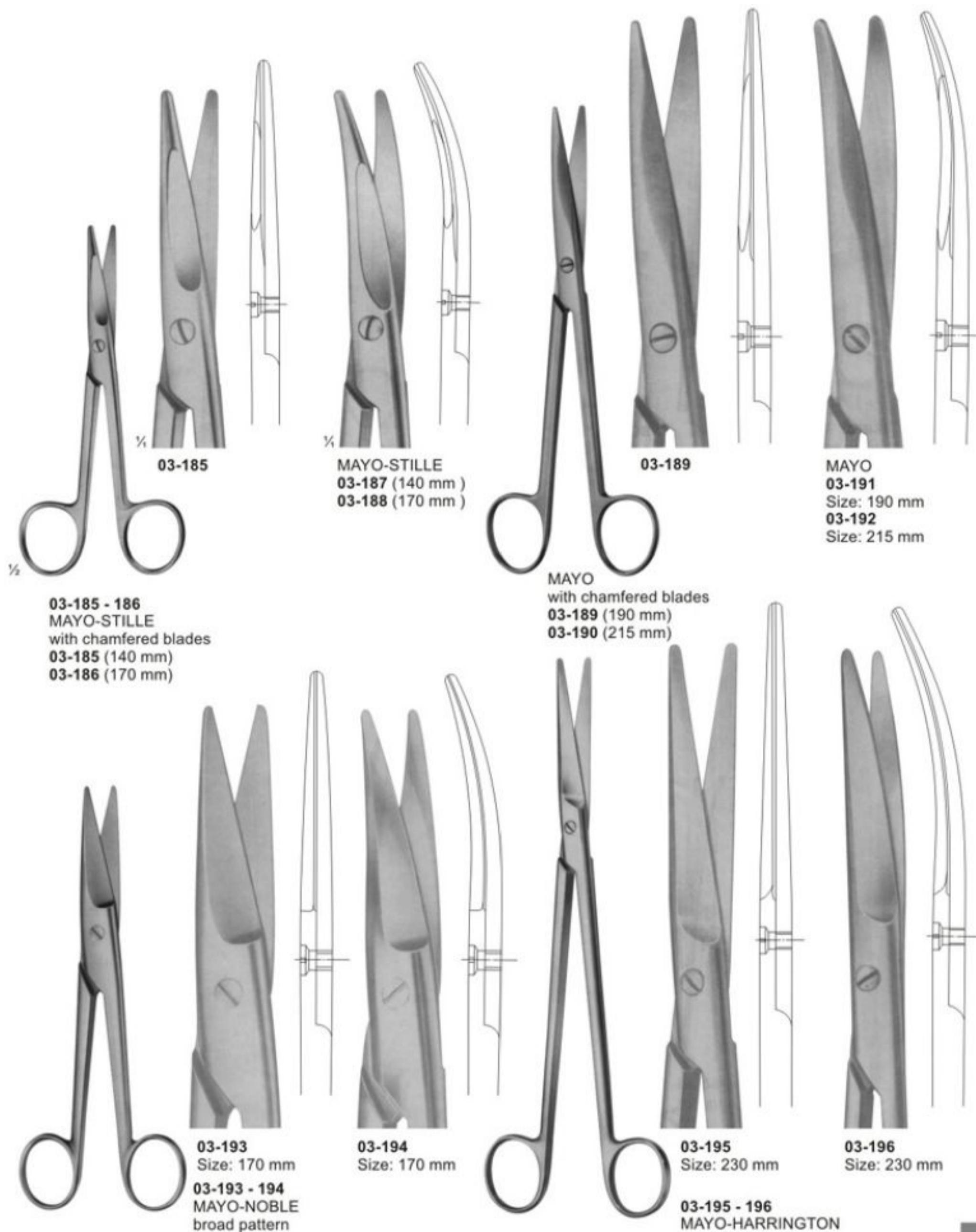


03-179
DE BAKEY
Arteriotomy scissors
Size: 175 mm

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

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

Dissecting Scissors



Scissors for Cardiovascular and Neuro-Surgery



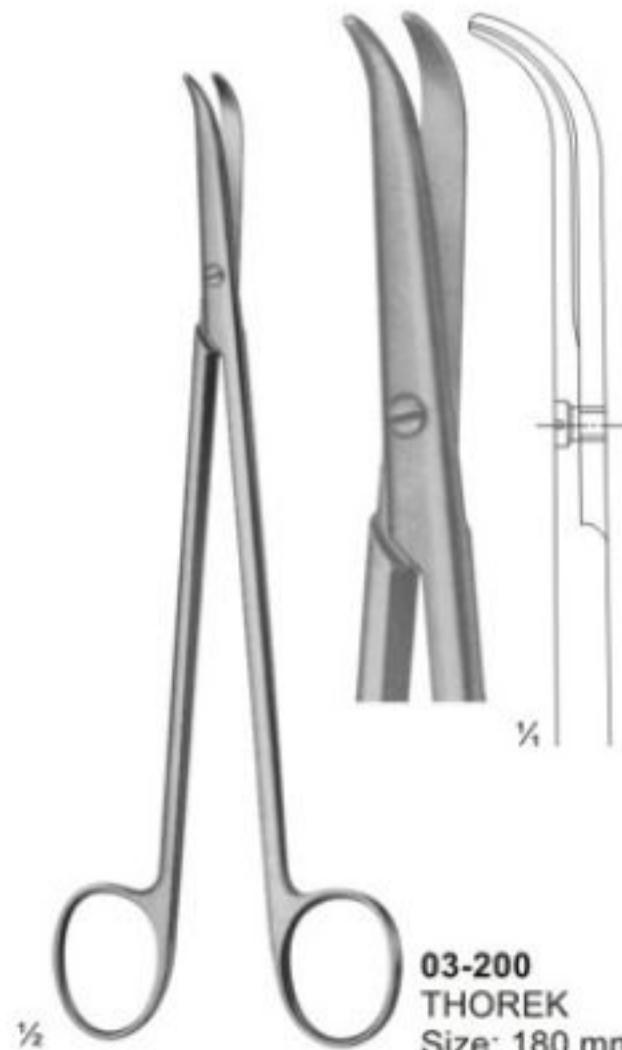
$\frac{1}{4}$

03-197
OLIVECRONA
Dura scissors



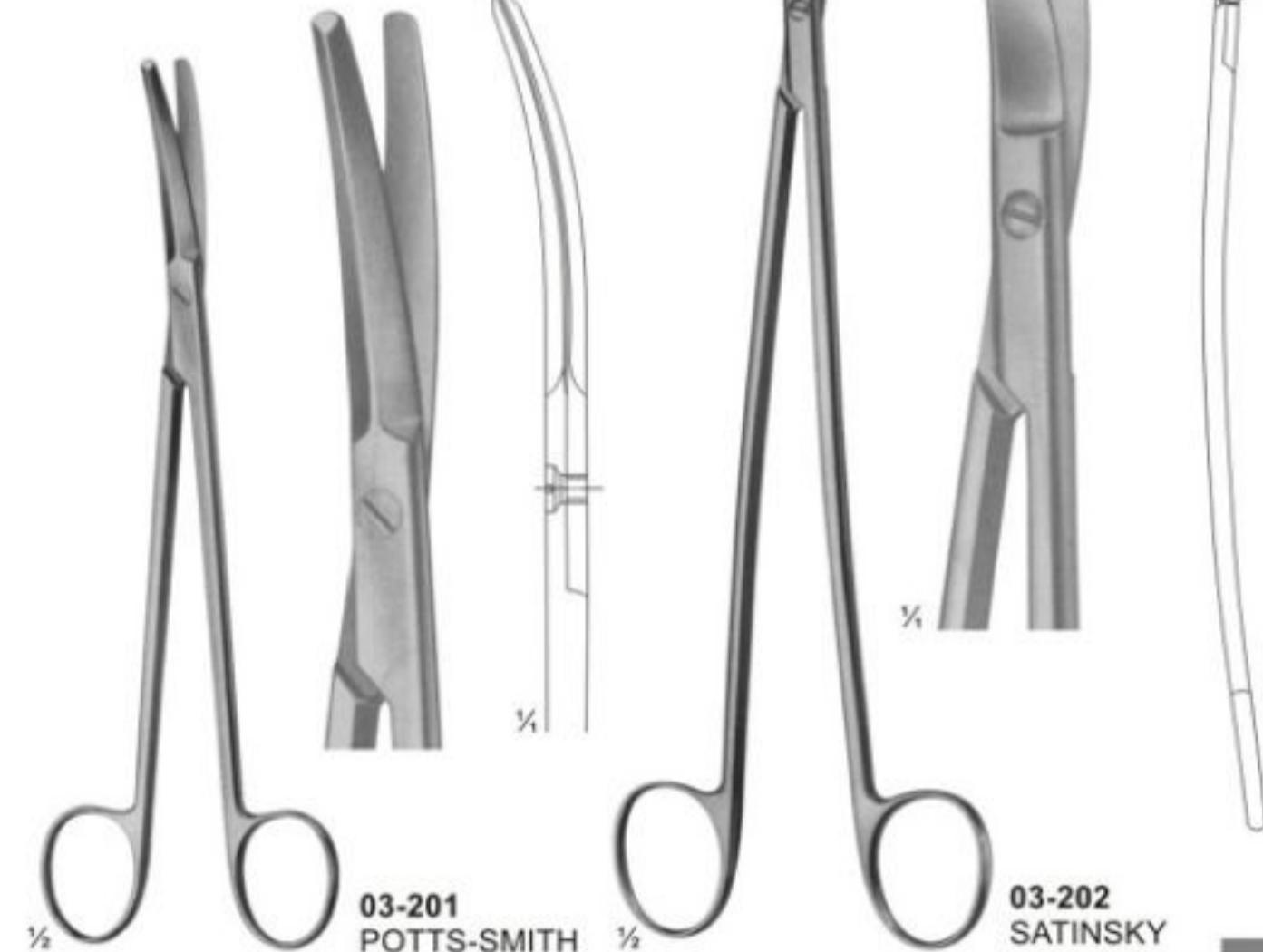
03-199
STRULLY
probe pointed
Size: 220 mm

03-198
STRULLY
pointed
Size: 220 mm



$\frac{1}{4}$

03-200
THOREK
Size: 180 mm



03-201
POTTS-SMITH
Size: 190 mm

03-202
SATINSKY
Size: 245 mm

Delicate, Nasal and Tonsil Scissors

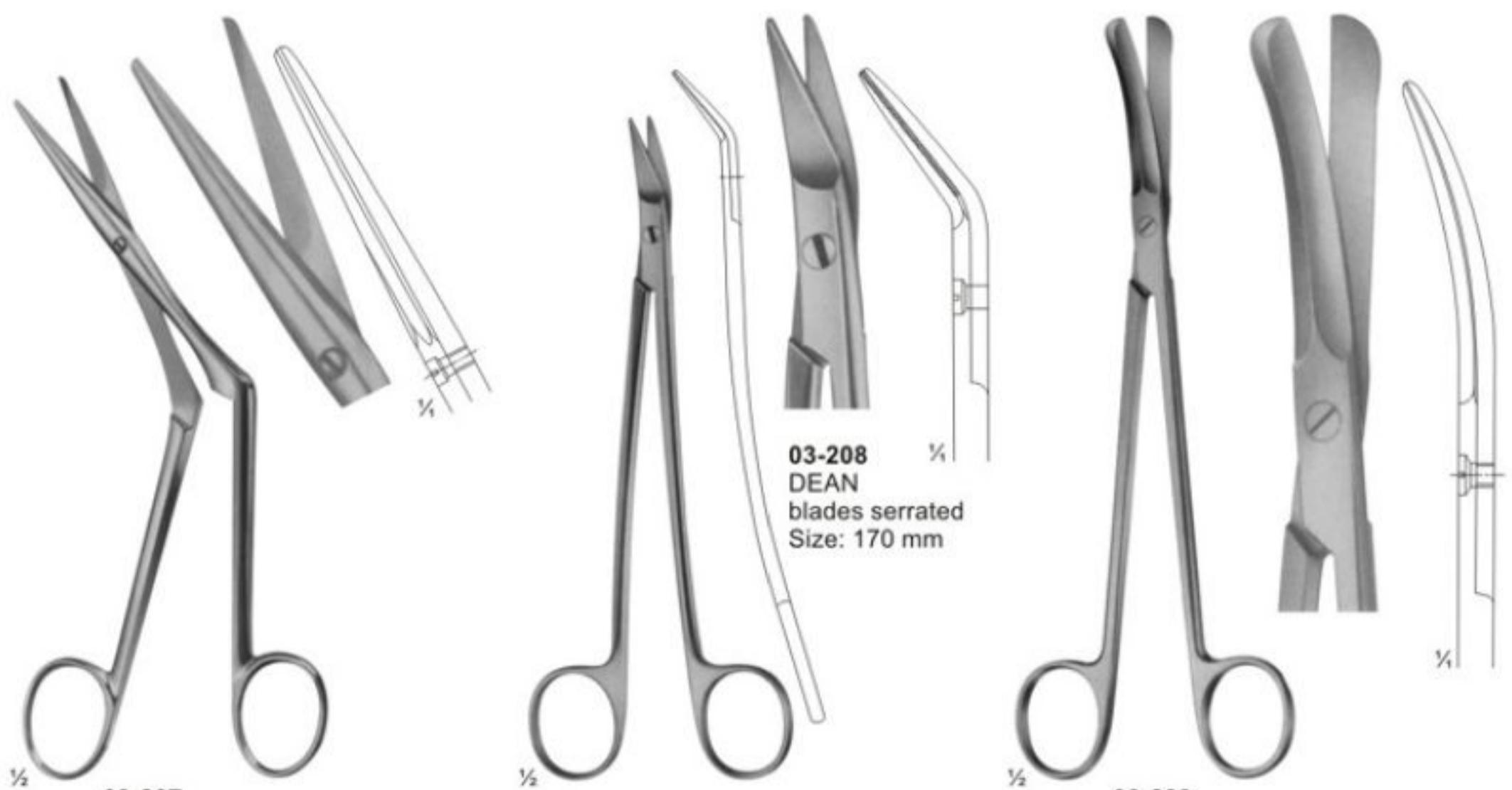


03-203
1 finely toothed blade
Size: 130 mm

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

03-205
FOMON
blades serrated
Size: 145 mm

03-206
COTTLE
Size: 165 mm



03-207
HEYMANN-KNIGHT
Size: 175 mm

1/2

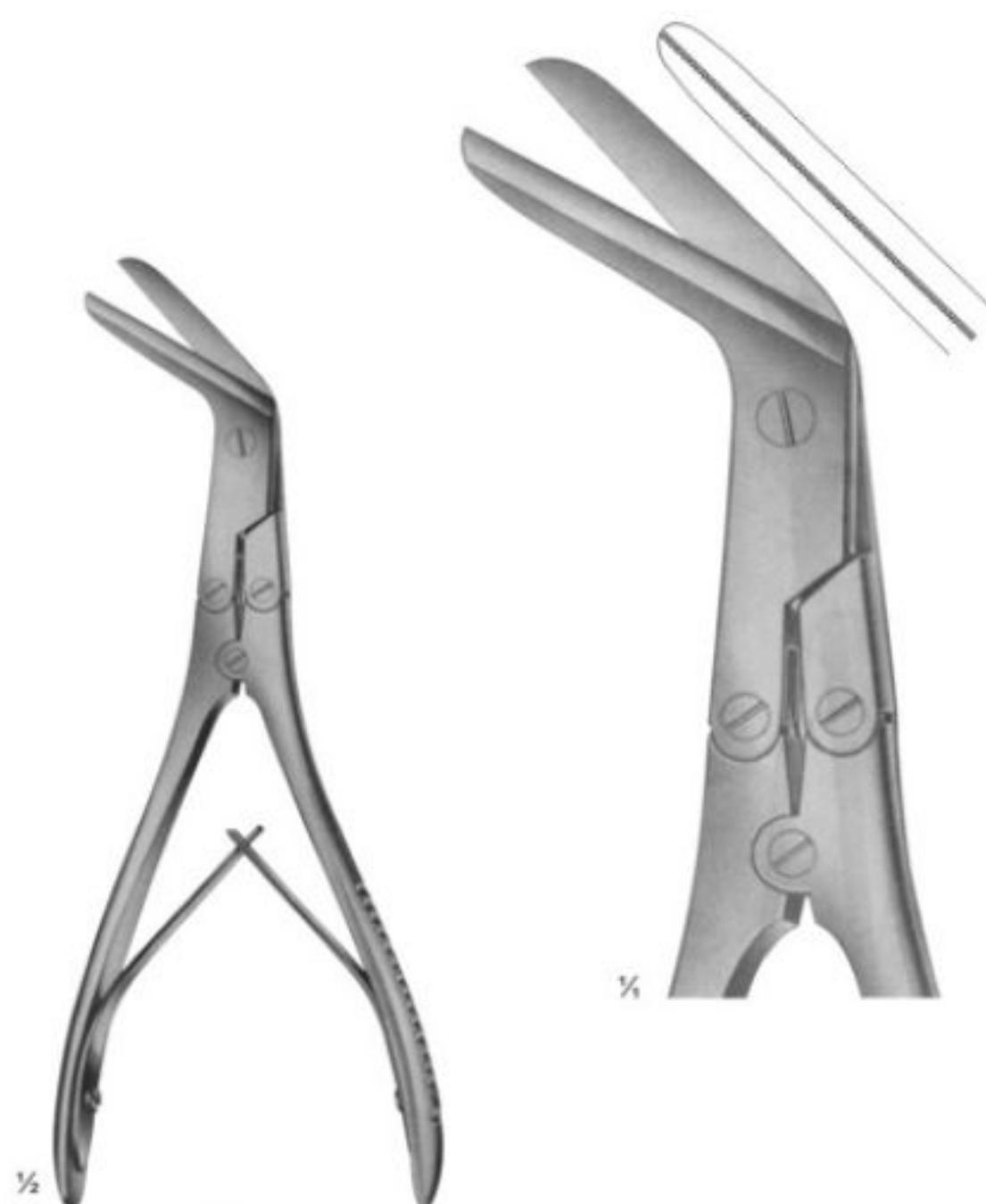
03-208
DEAN
blades serrated
Size: 170 mm

1/2

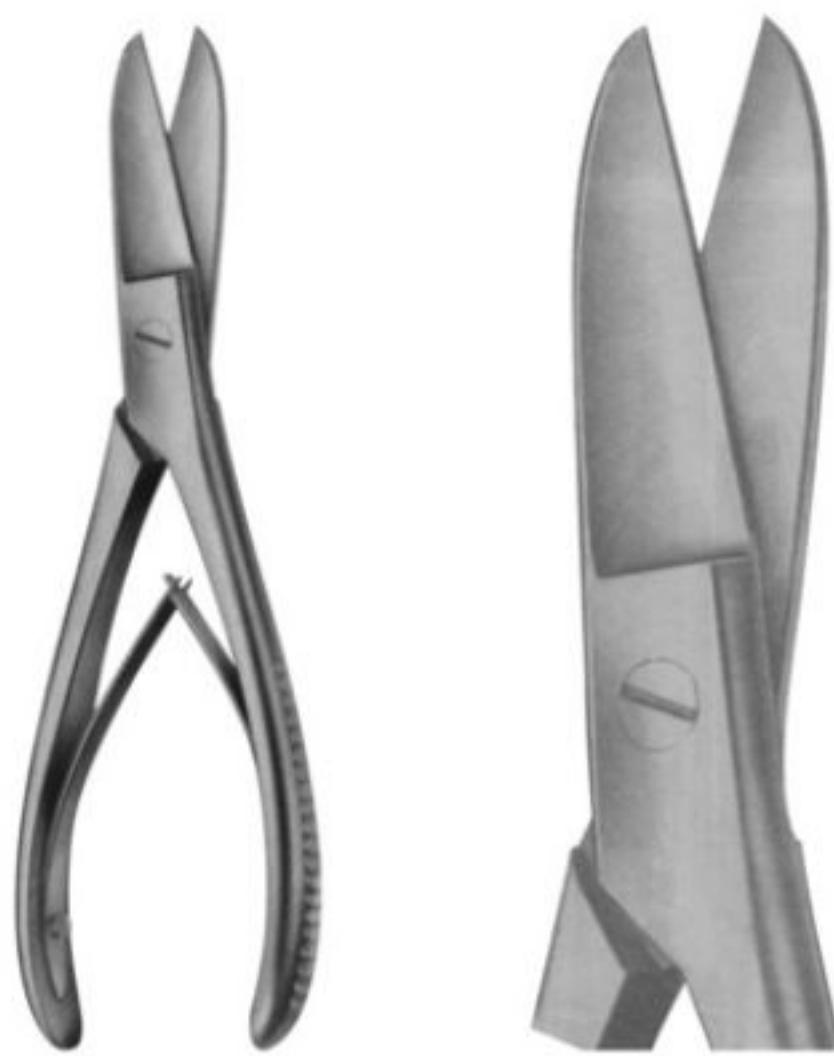
03-209
GOOD
Size: 195 mm

1/2

Bone Shears



03-210
KILLIAN
Size: 200 mm

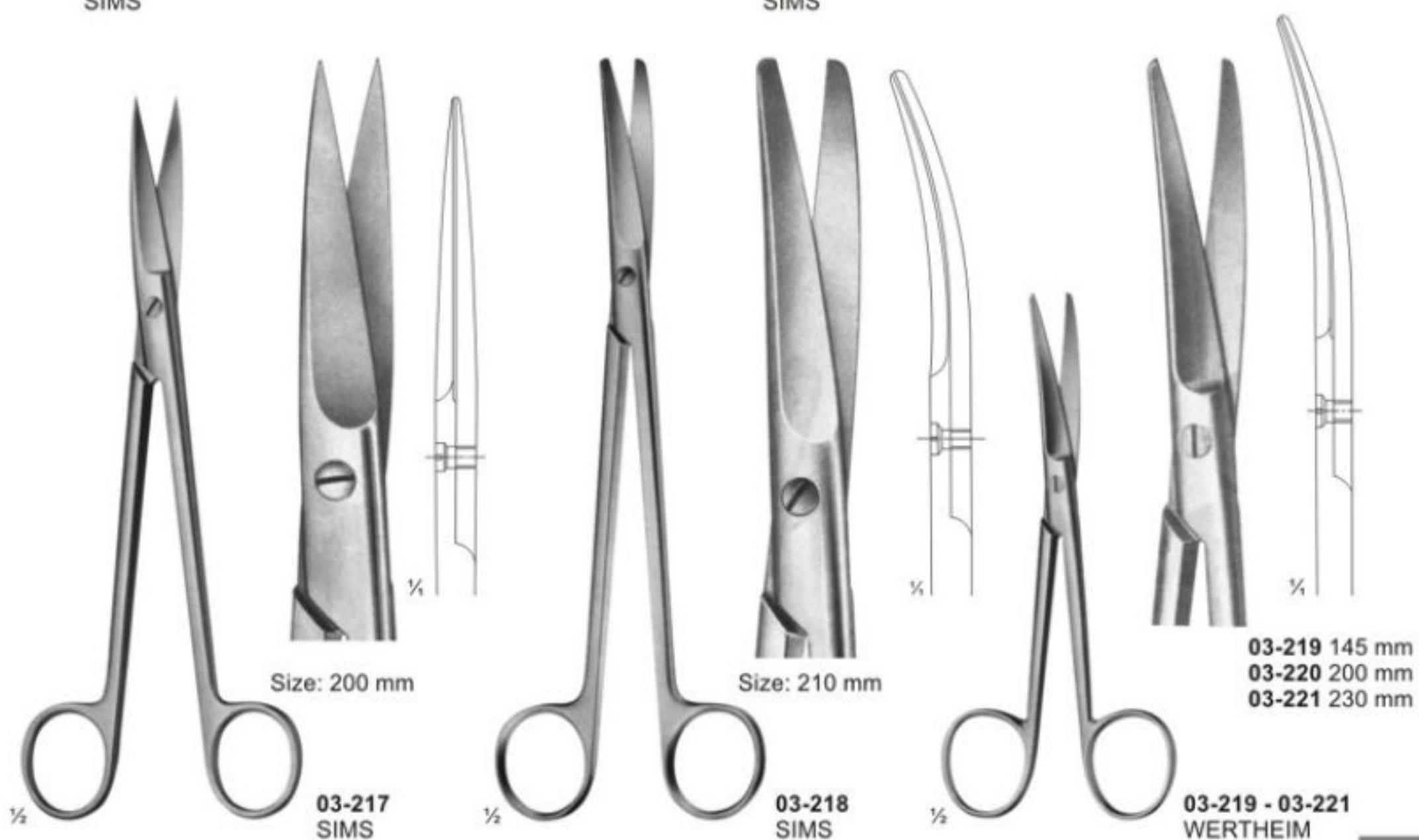
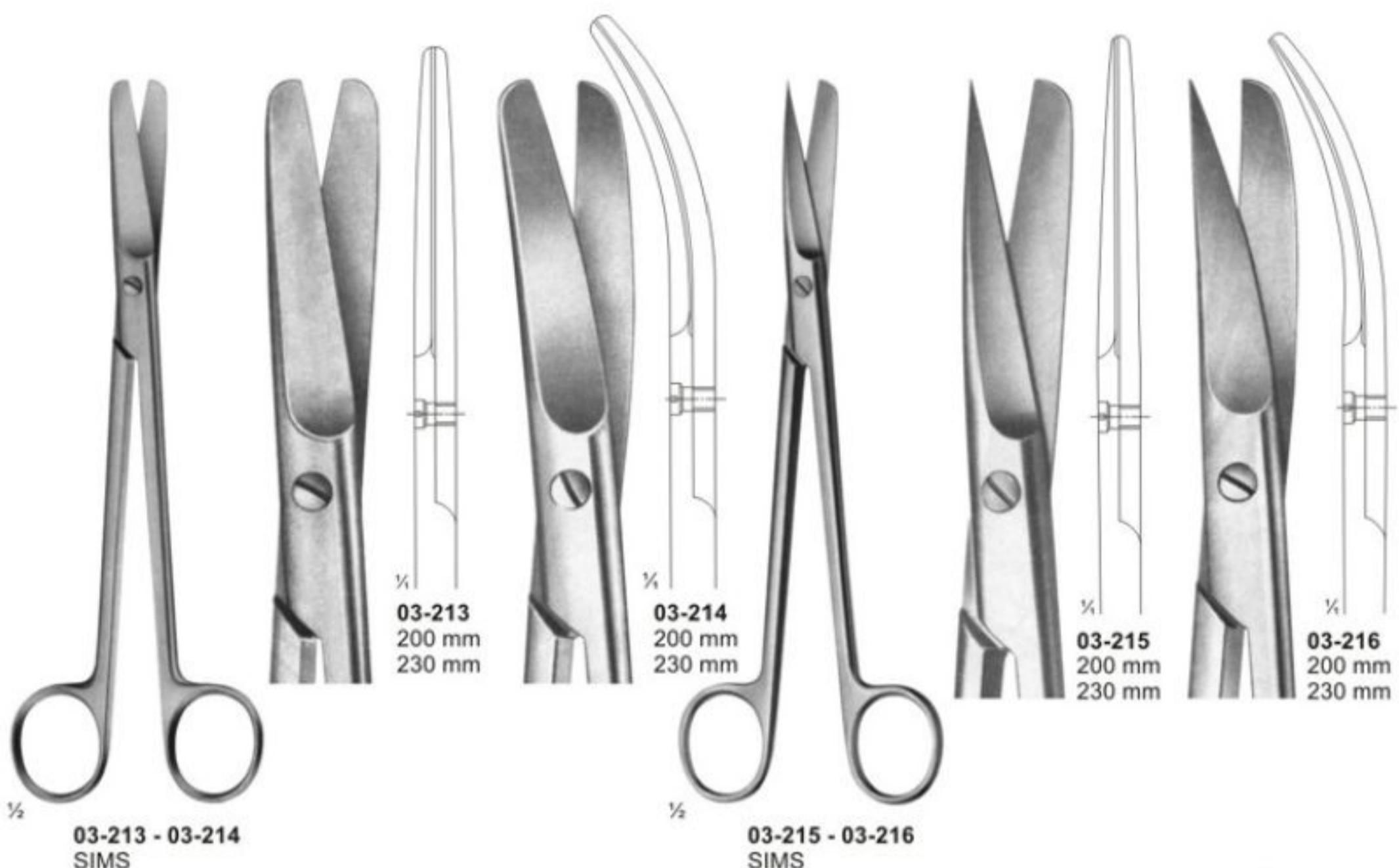


03-211
195 mm



03-212
225 mm

Scissors for deep operations and
for Gynaecology



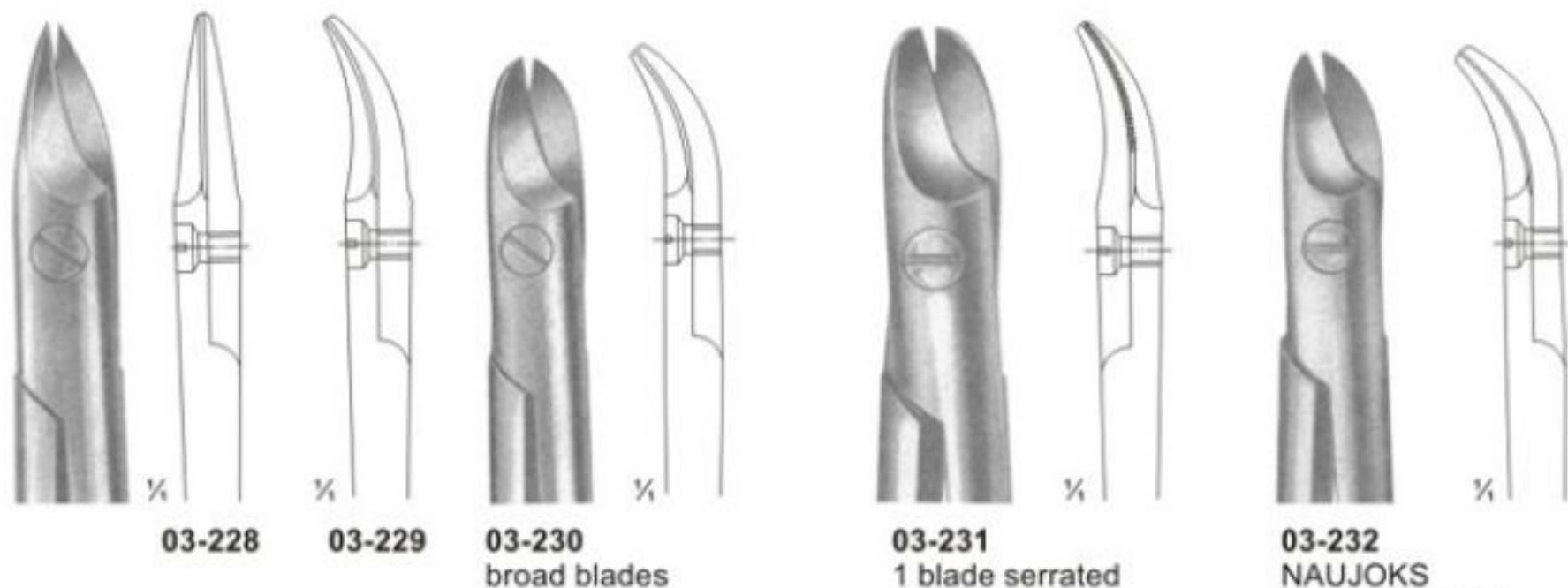
Scissors for Obstetrics



Wire and Plate Scissors



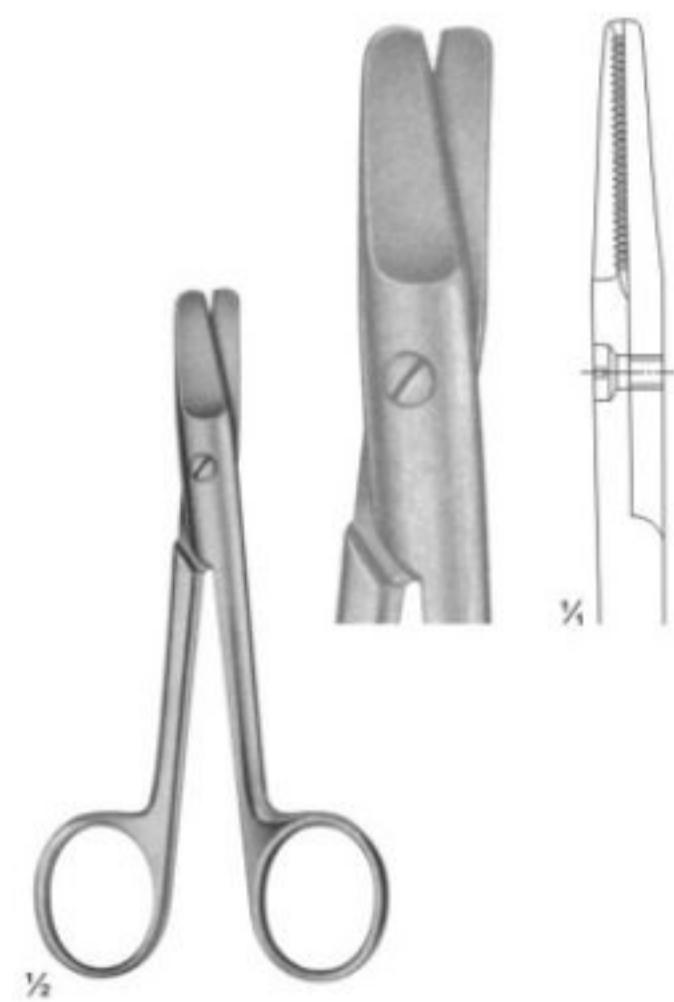
03-228 - 03-232
BEEBE
Size: 110 mm



03-233
1 blade serrated
Size: 120 mm



03-234
STRACK
Size: 100 mm



03-235
HARVEY
blades serrated
Size: 125 mm

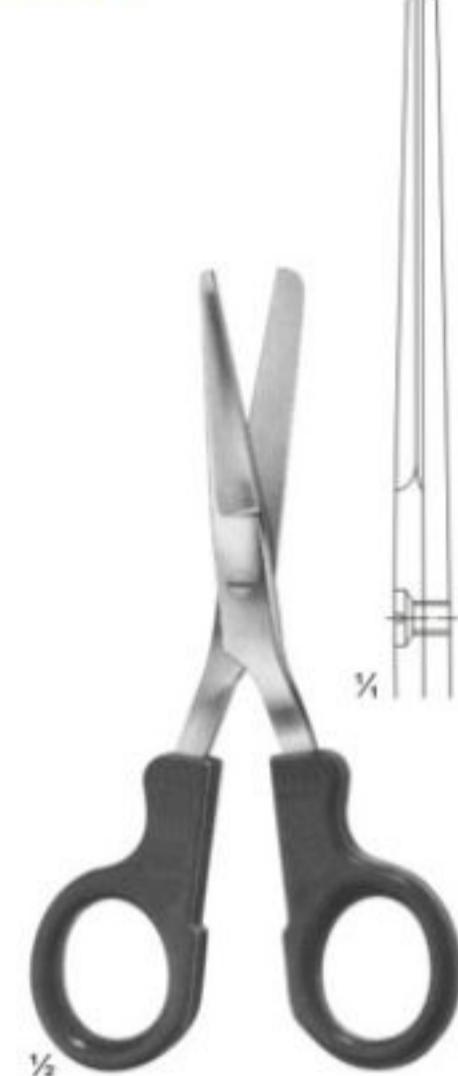
Bandage and Cloth Scissors



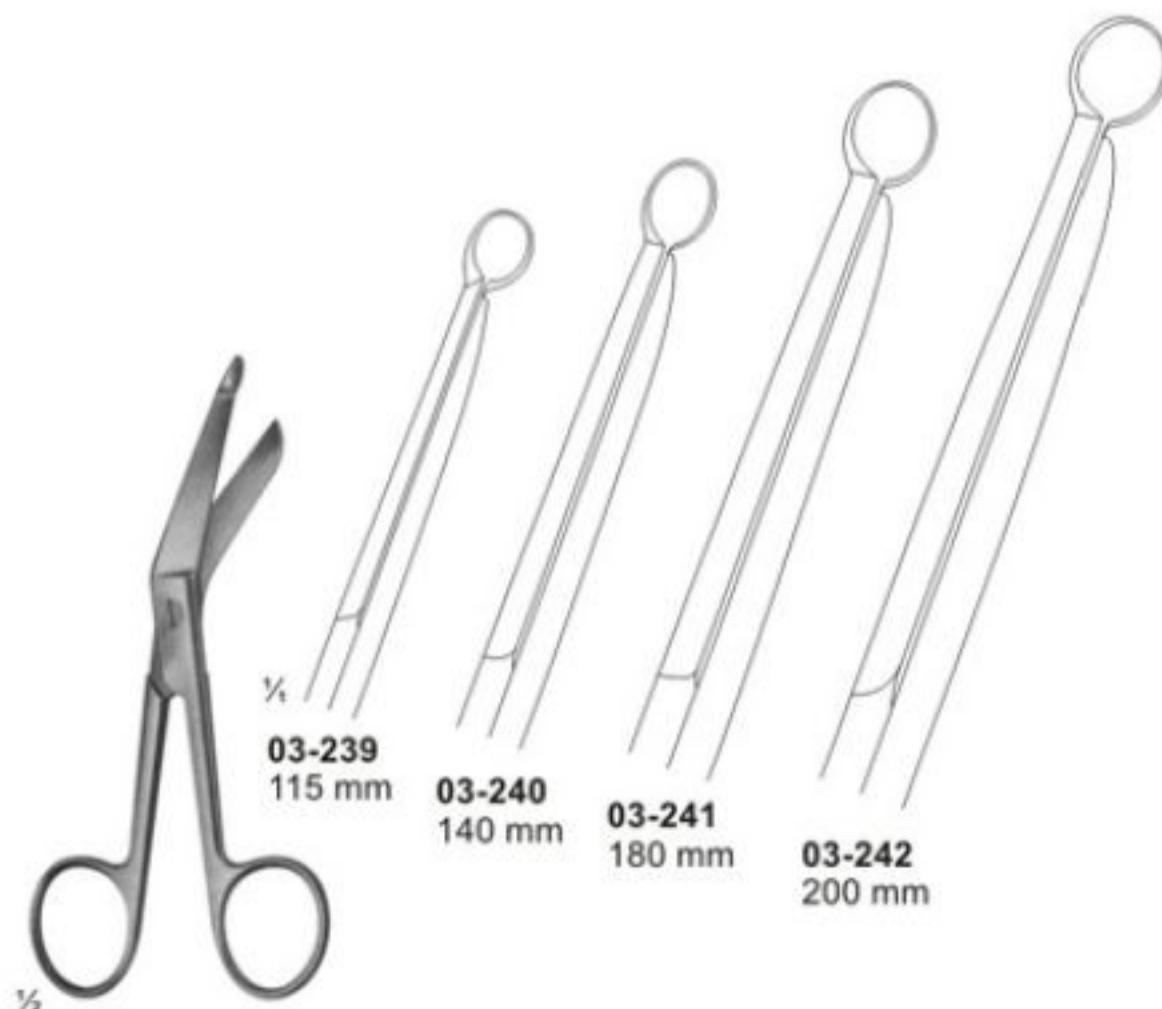
03-236
Universal bandage and cloth scissors,
with toothed edges
180 mm



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



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

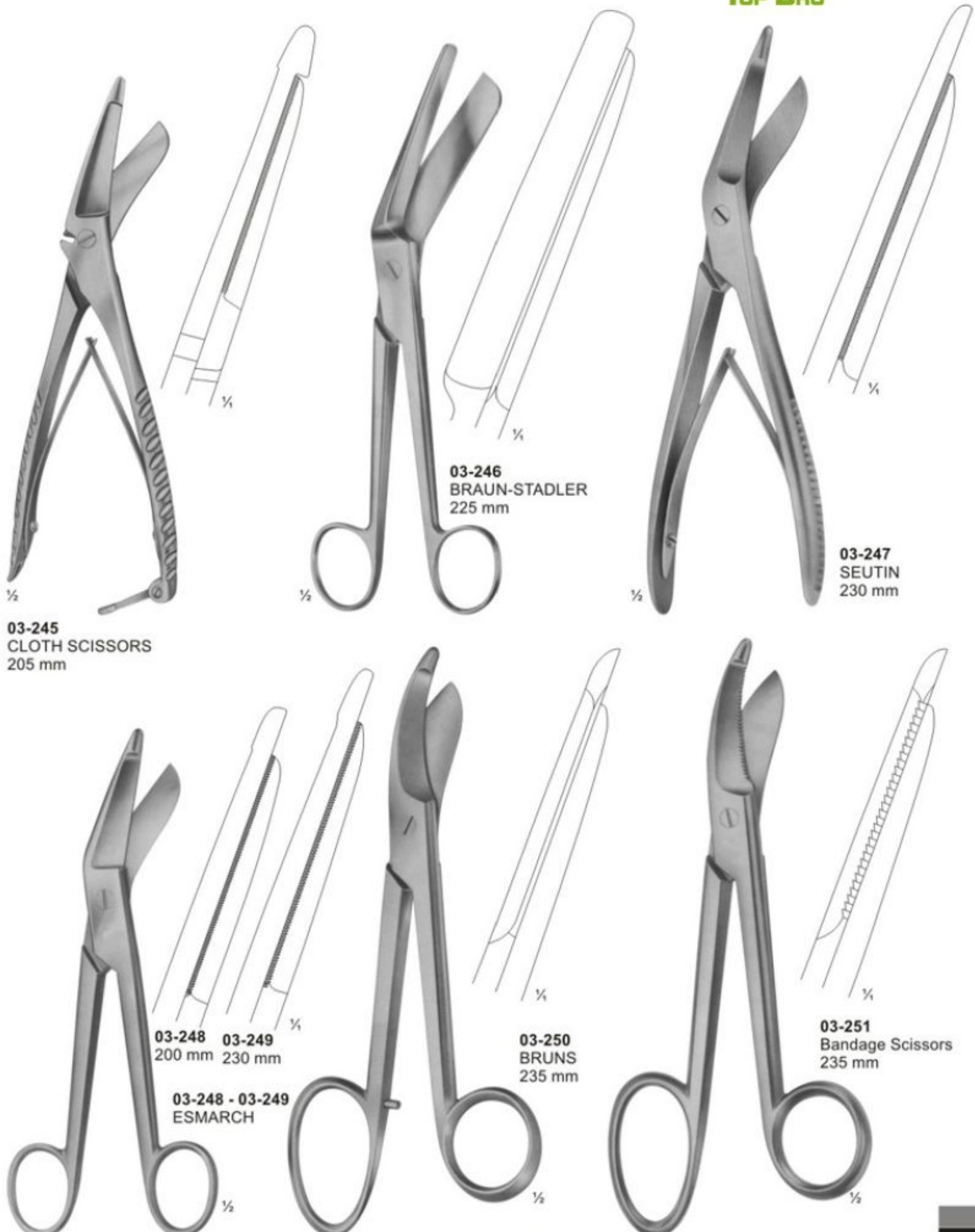


03-239 - 03-242
LISTER



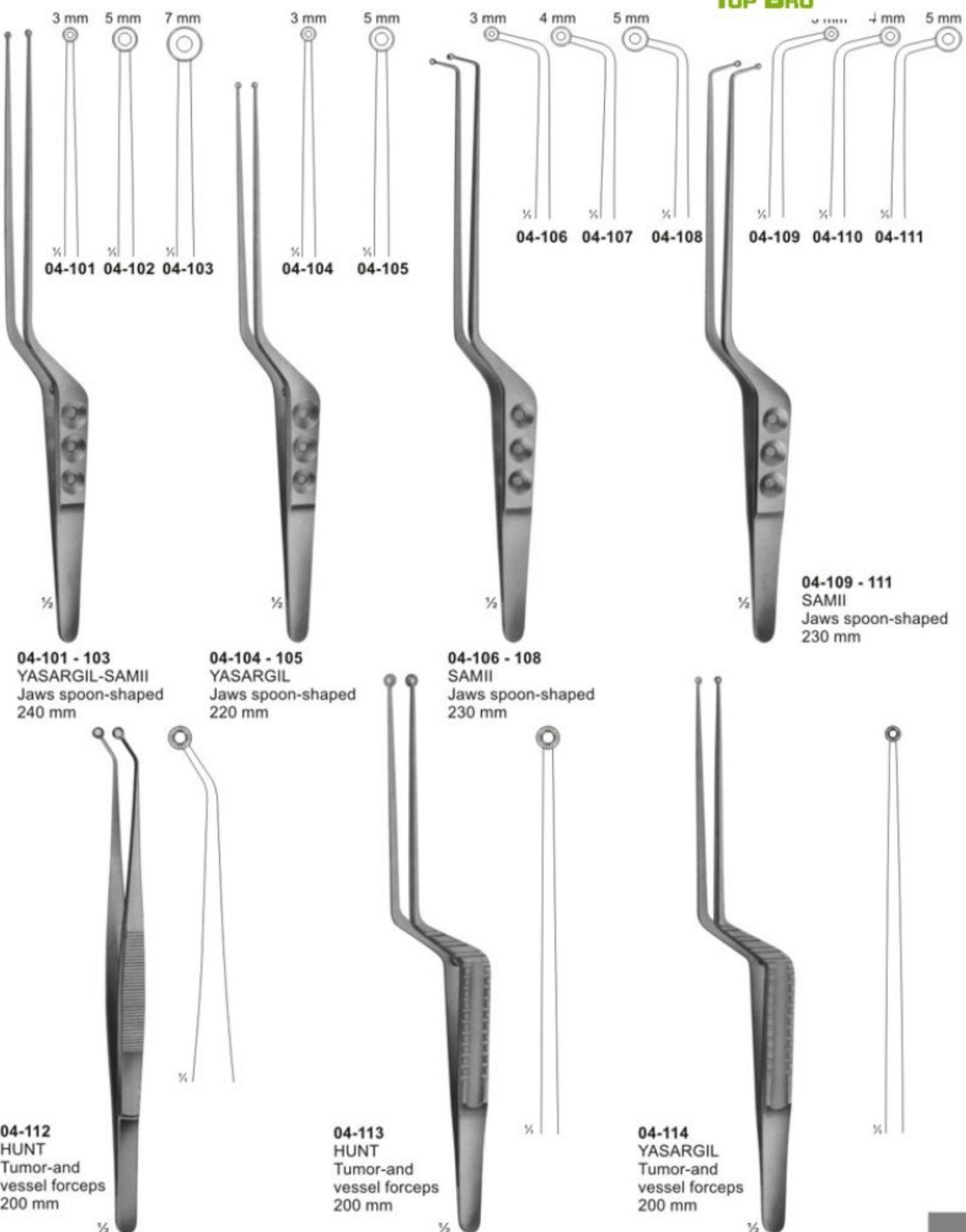
03-243 - 03-244
LISTER

Bandage-, Cloth-, and Plaster Scissors

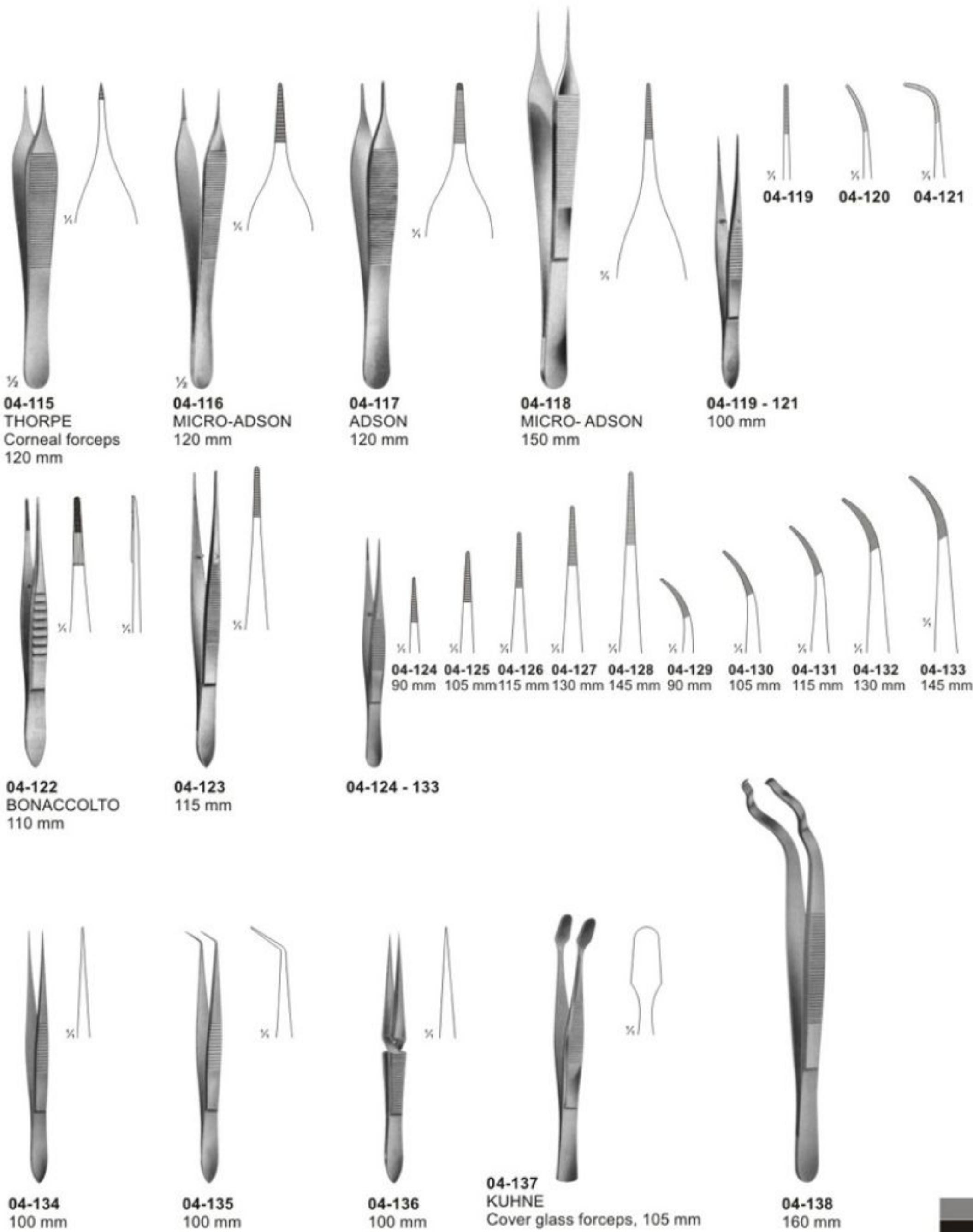




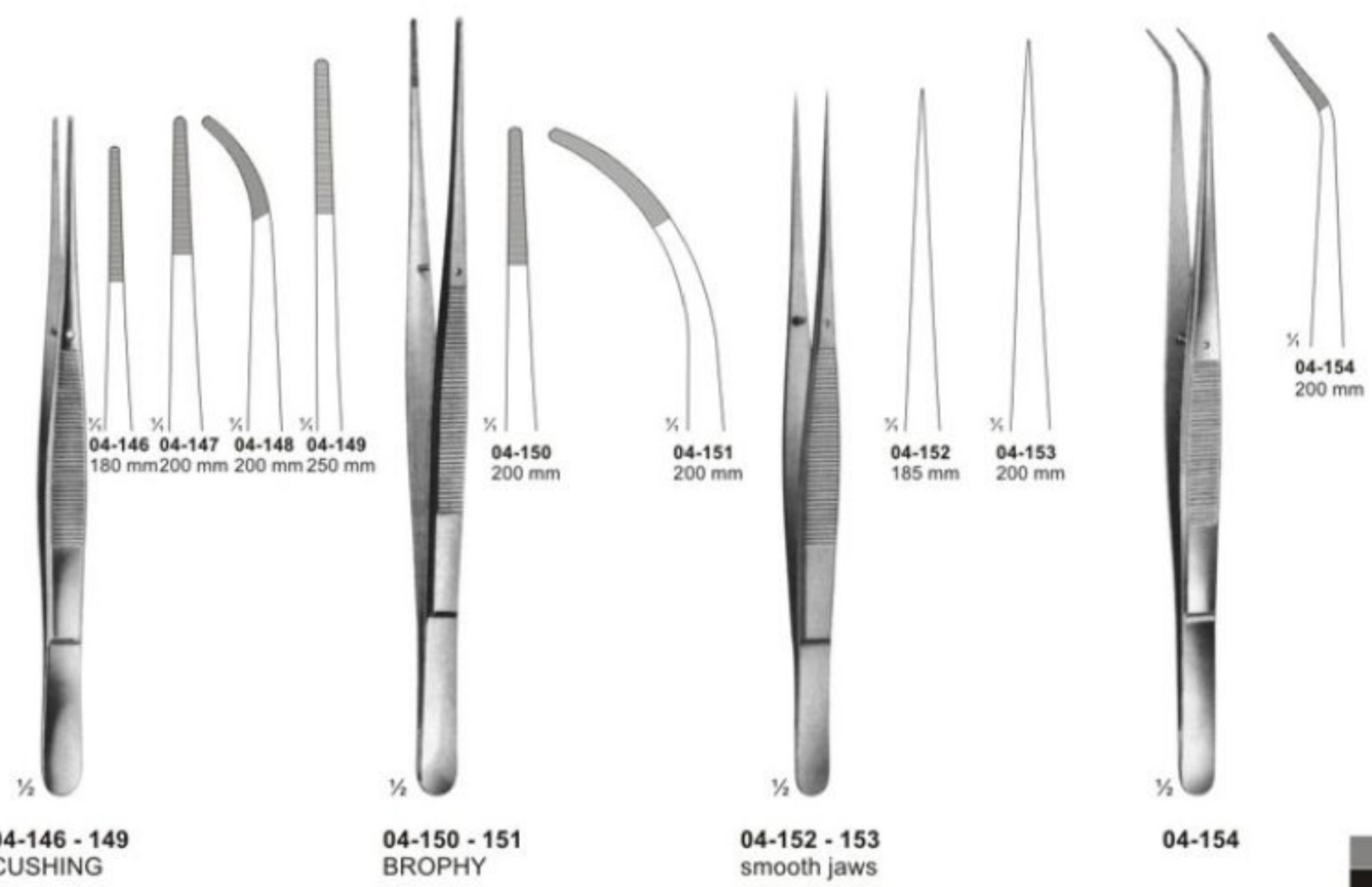
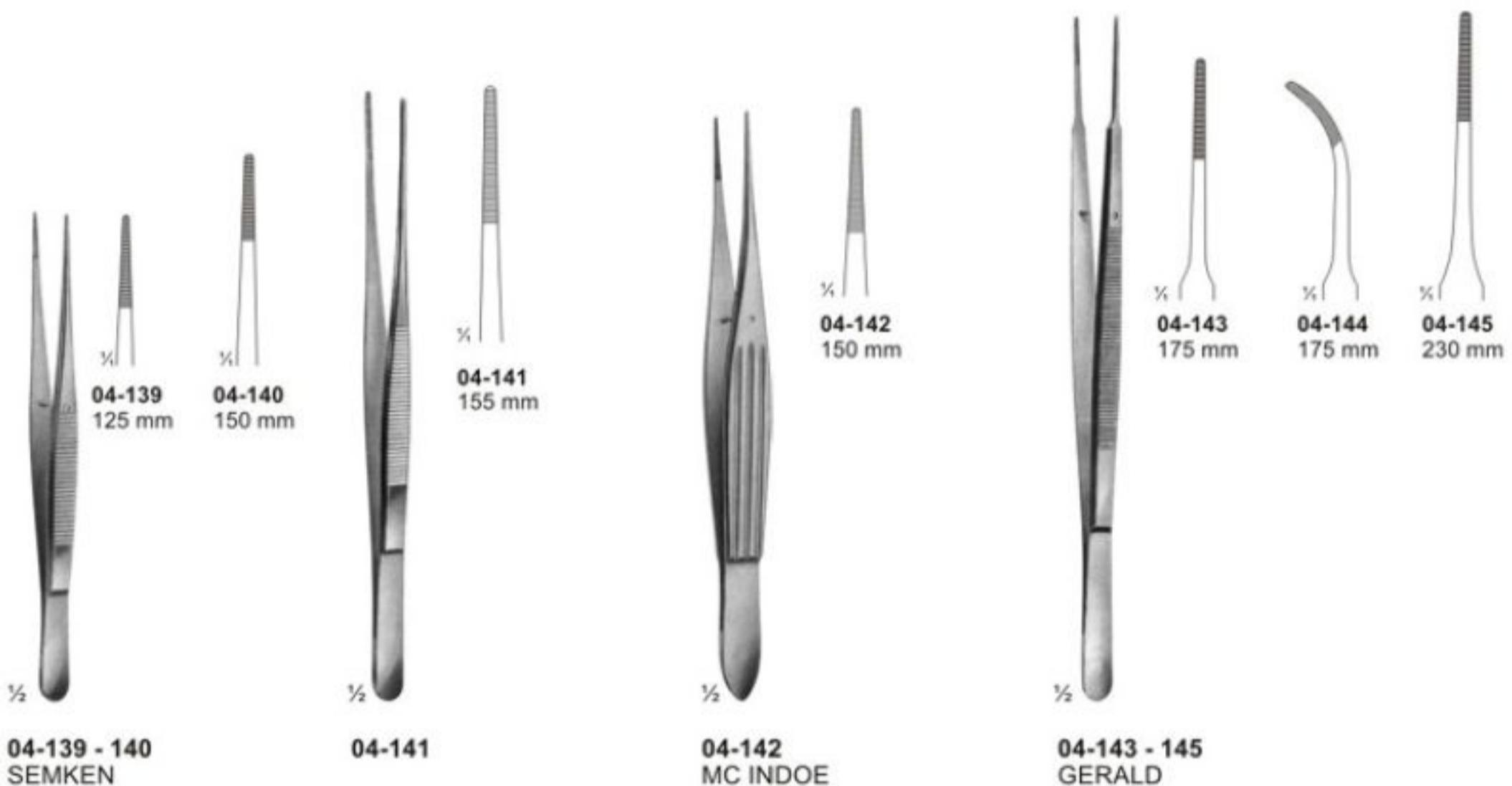
Forceps for grasping tissue, tumors etc.



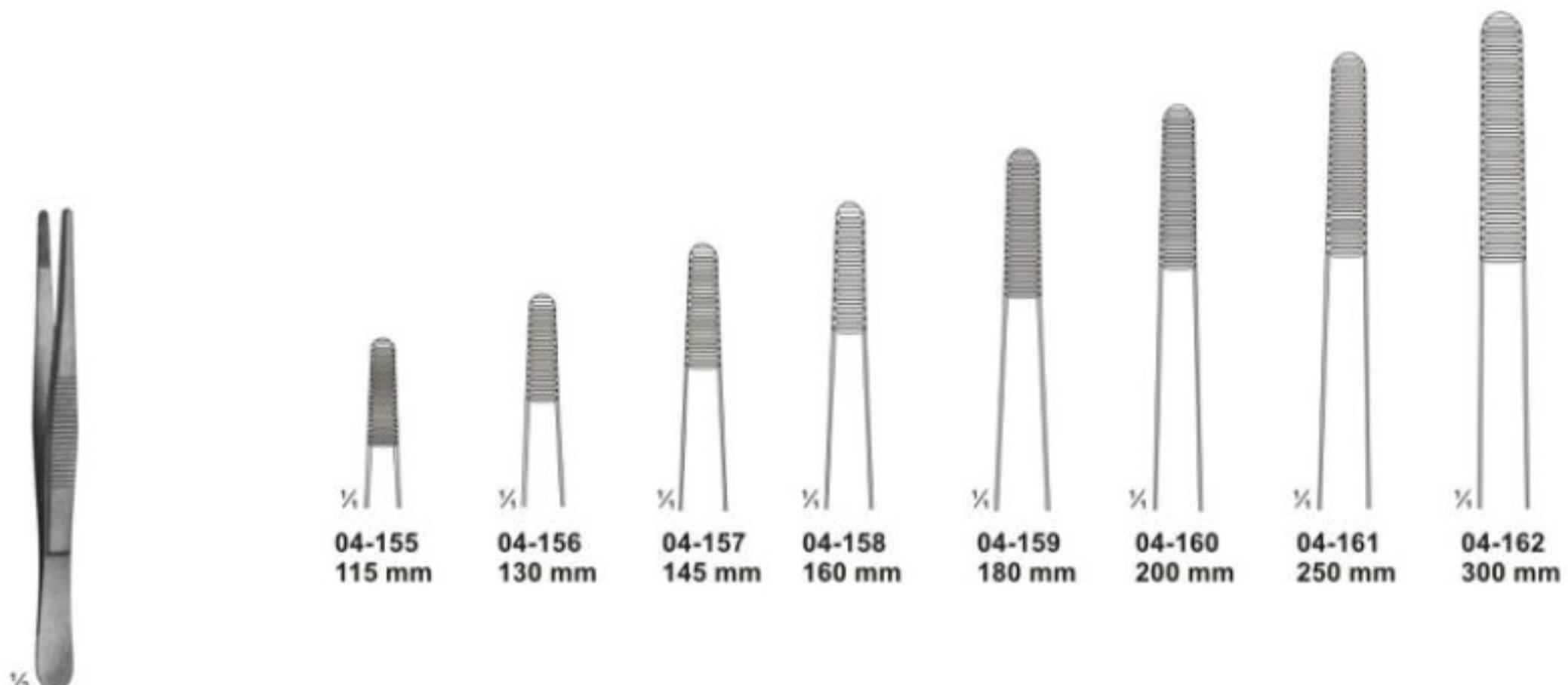
**Delicate Dissecting, Microscopic,
Sterilizing Forceps**



Delicate Dissecting Forceps



Dissecting Forceps



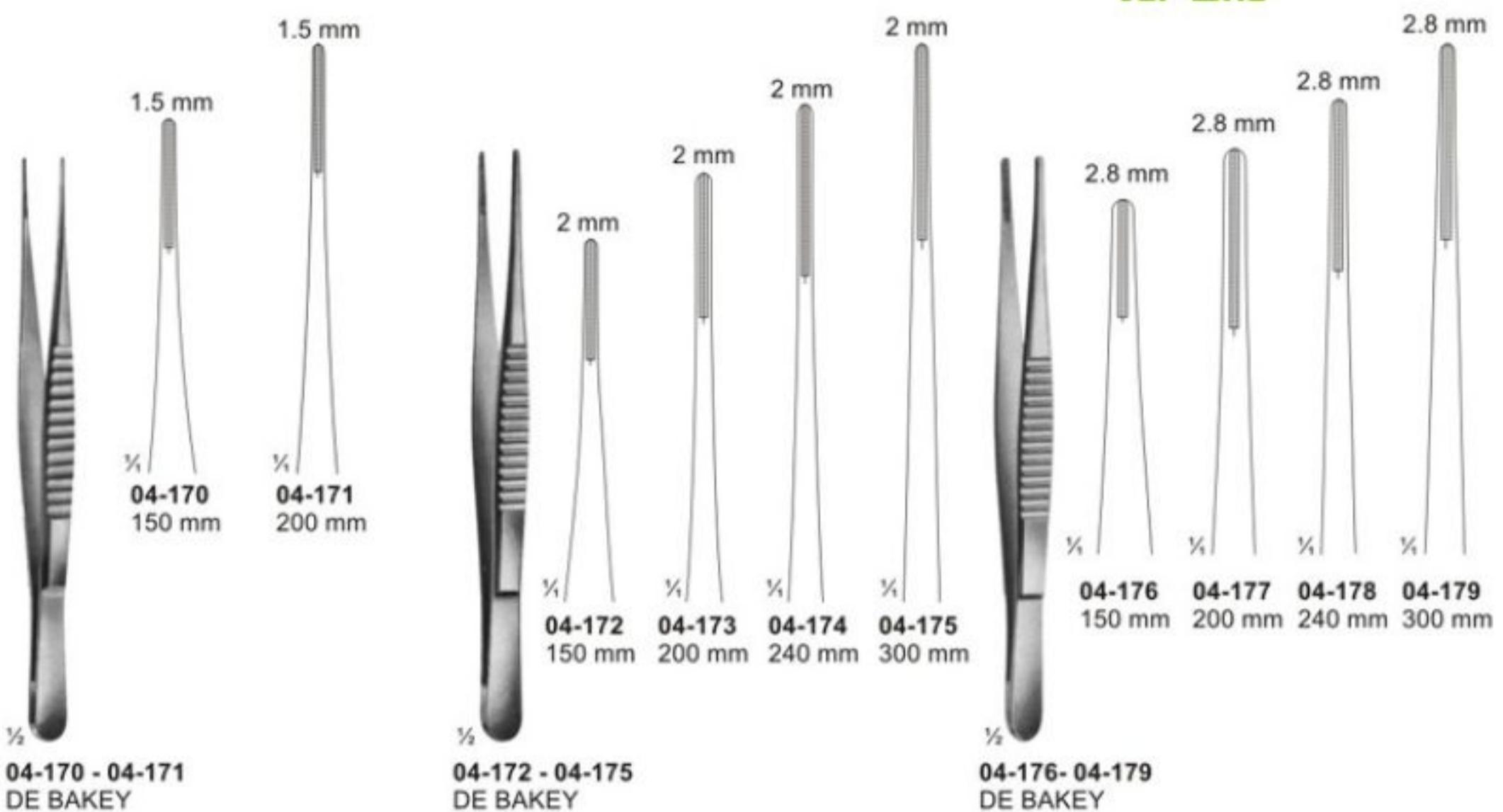
04-155 - 04-162
STANDARD



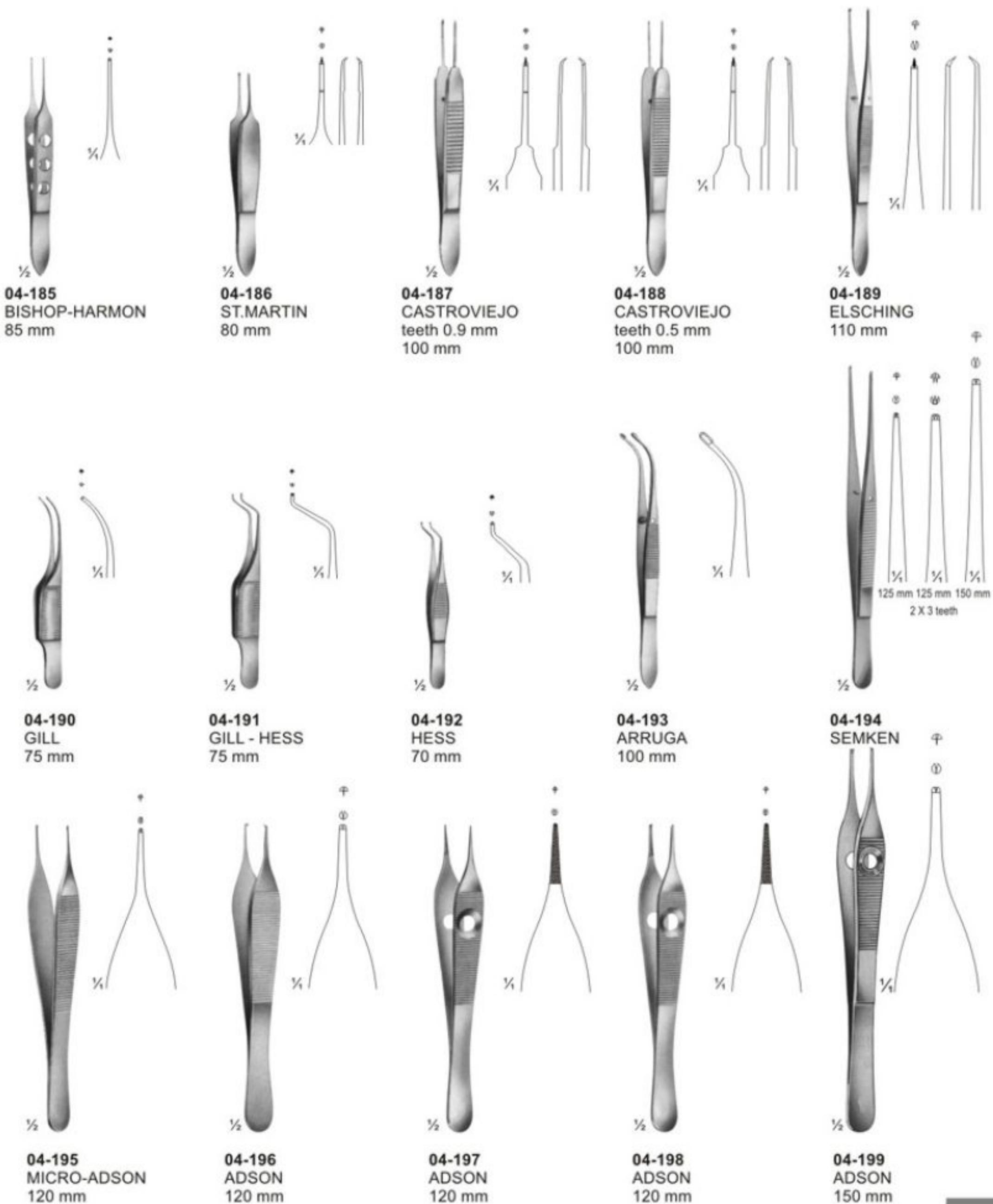
04-163 - 04-167
MEDIUM

04-168 - 04-169
MEDIUM

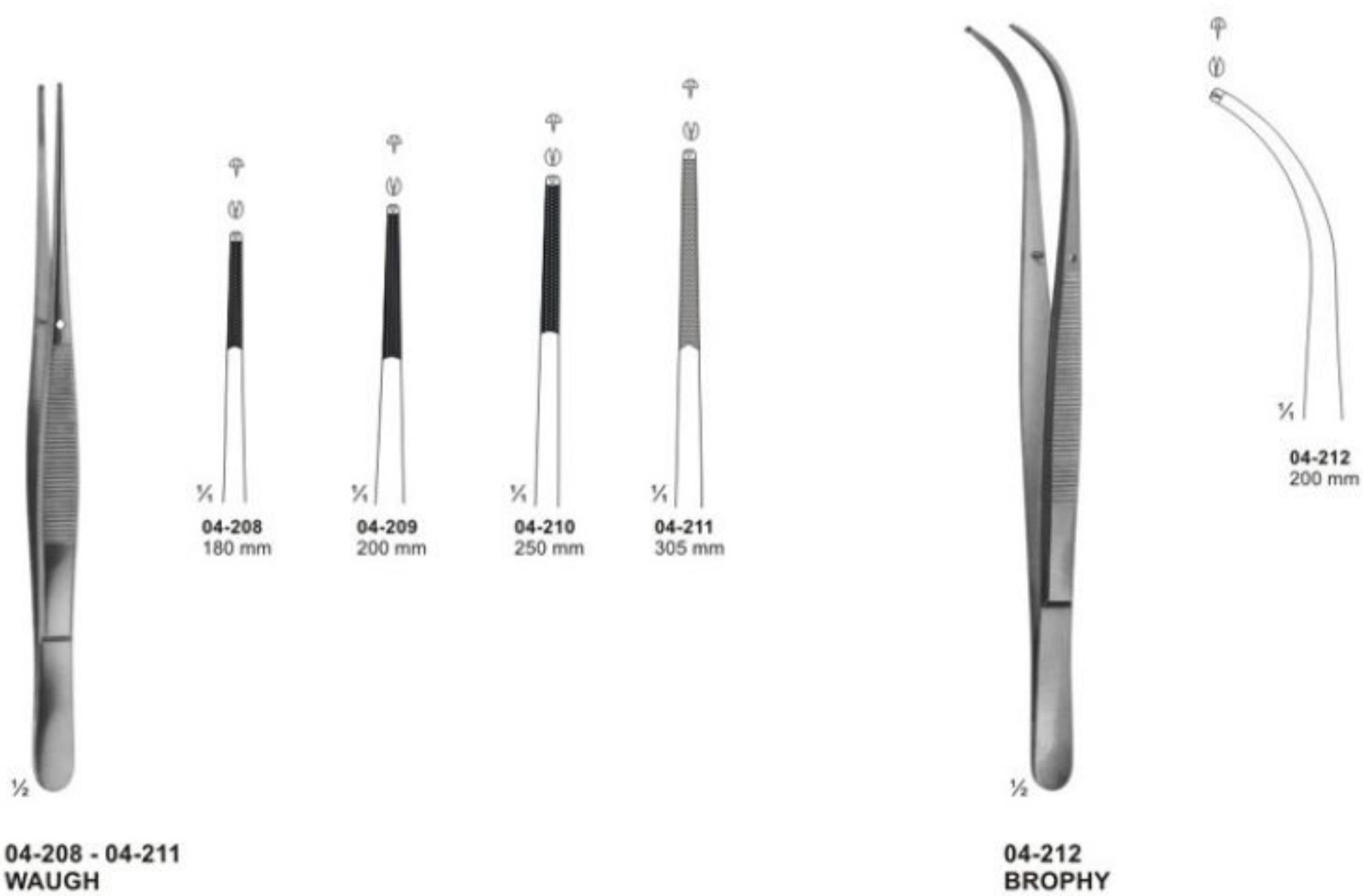
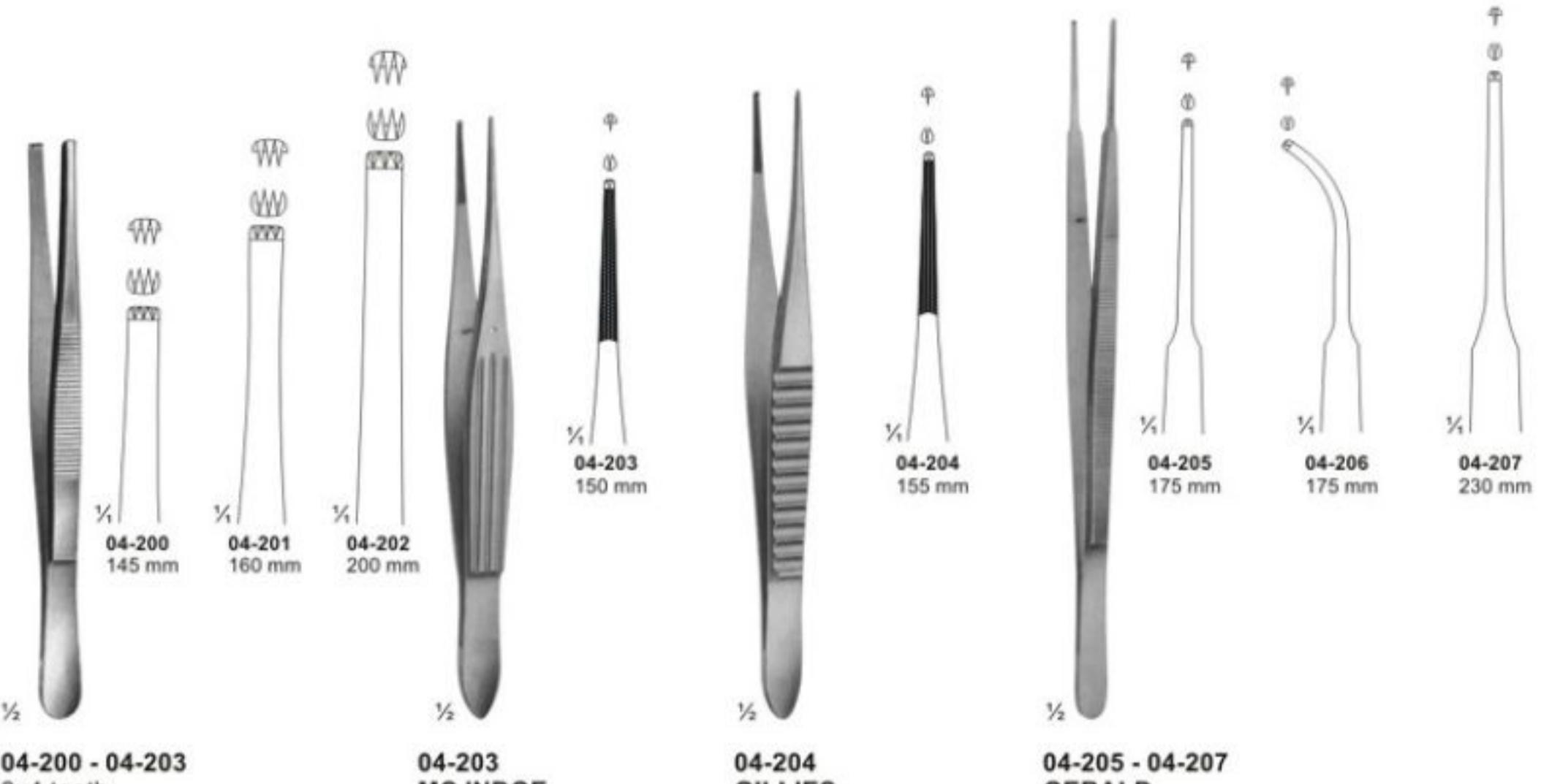
Forceps



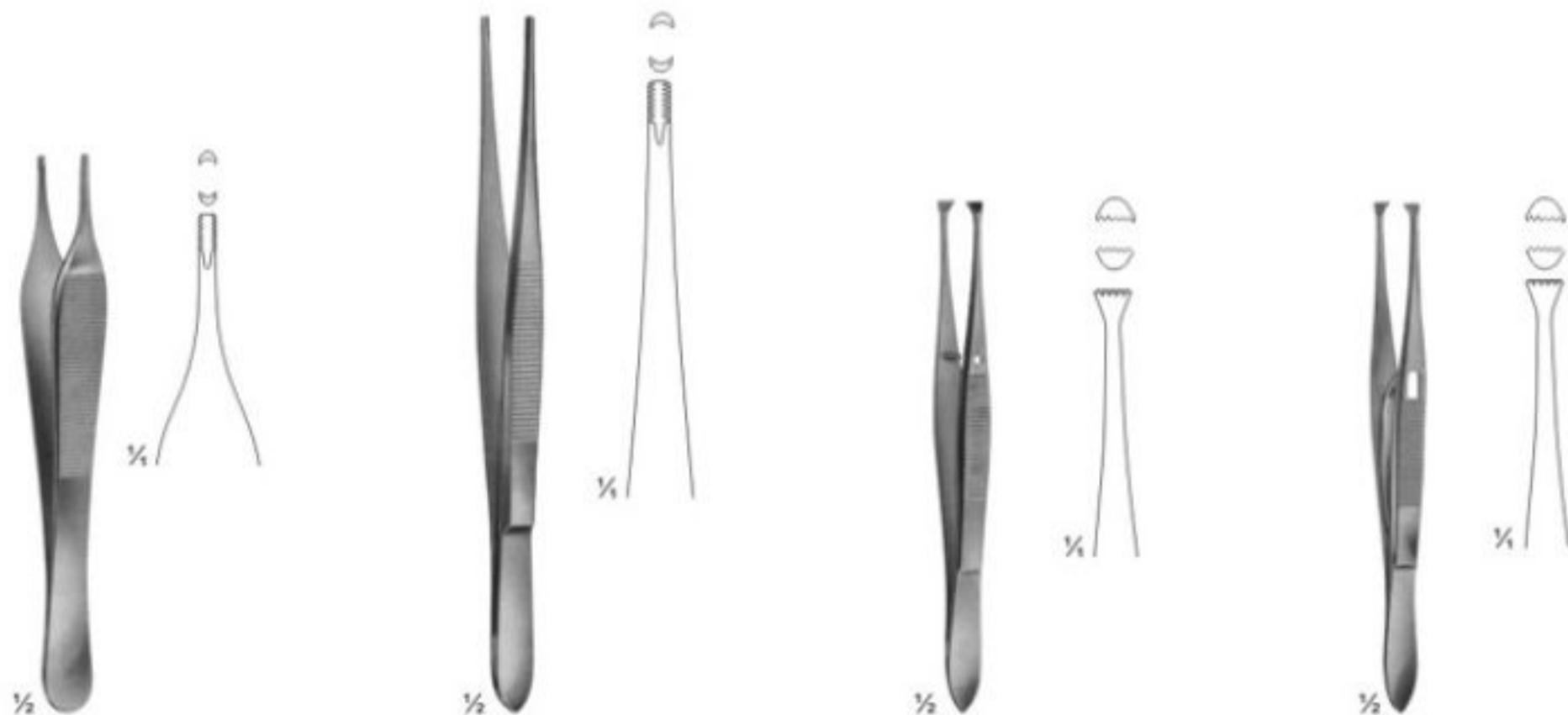
Delicate Tissue Forceps



Tissue Forceps



Tissue Forceps

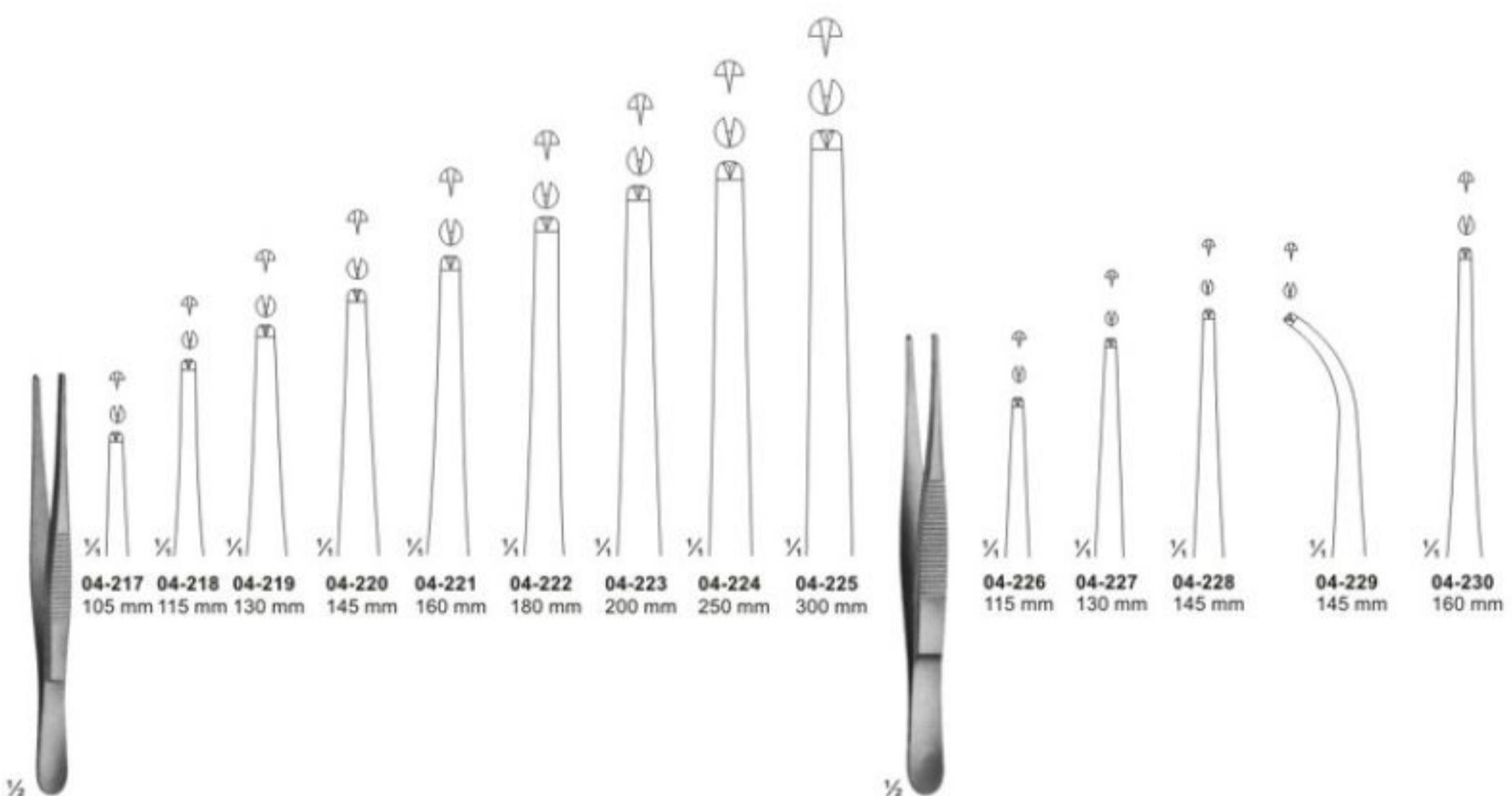


04-213
ADSON - BROWN
Non-traumatic
120 mm

04-214
BROWN
120 mm

04-215
GRAEFE
110 mm

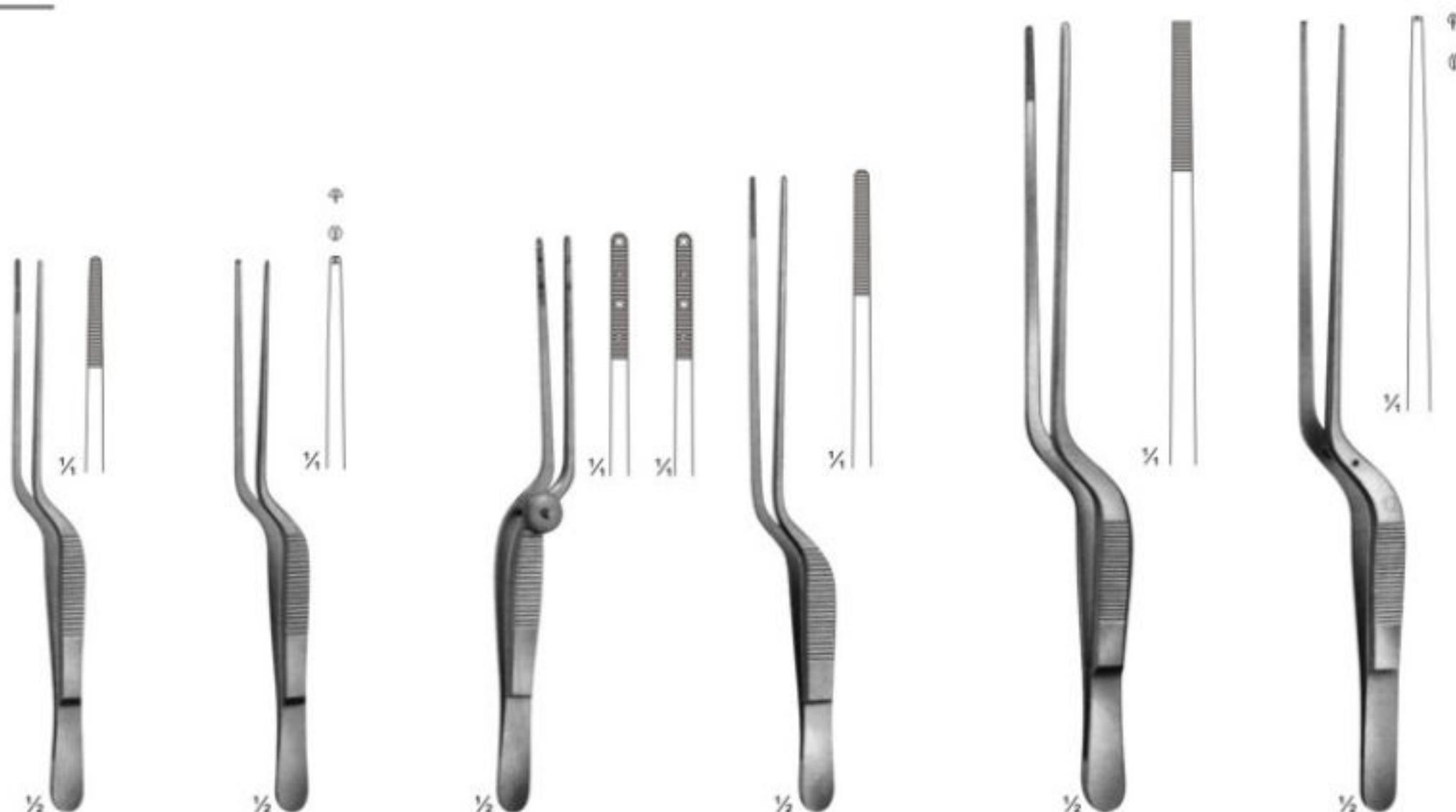
04-216
GRAEFE
With Catch
110 mm



04-217 - 04-225
STANDARD

04-226 - 04-230
GRAEFE
110 mm

Forceps, Bayonet - Shaped



04-231
LUCAE
140 mm

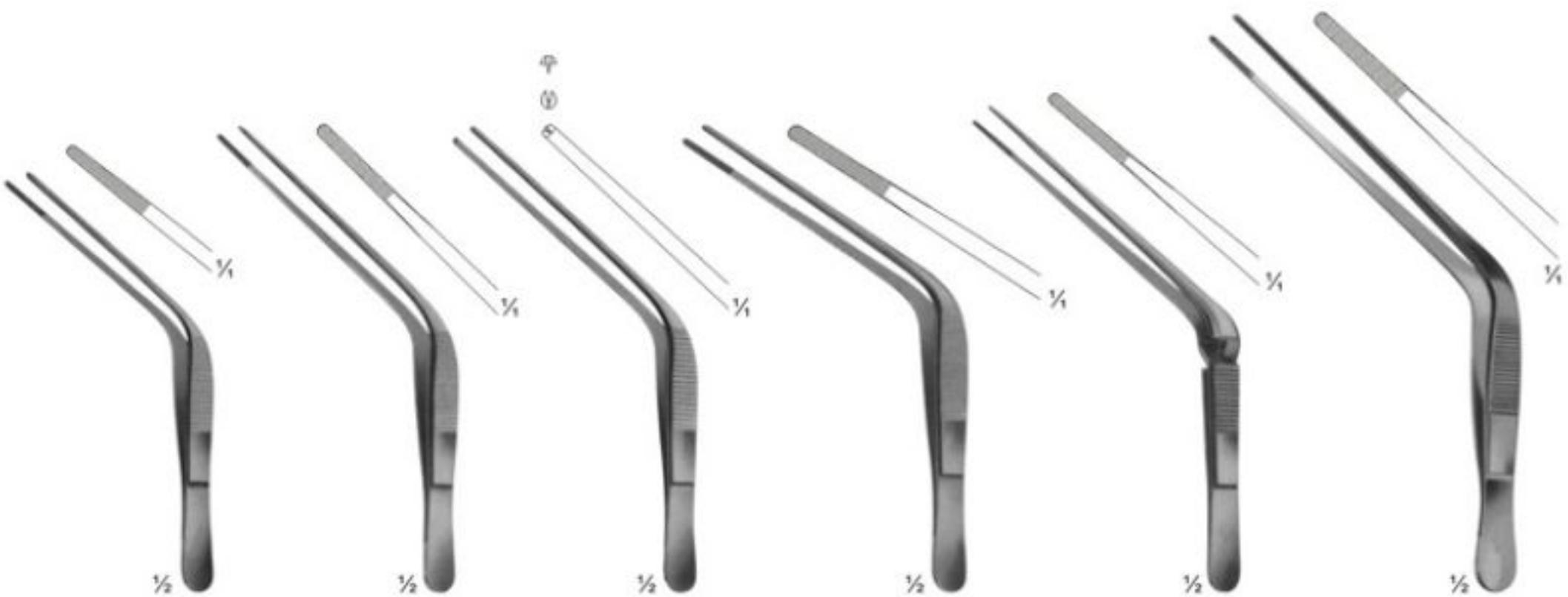
04-232
LUCAE
1x2 teeth
140 mm

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

04-234
JANSEN
160 mm

04-235
GRUENWALD
200 mm

04-236
1x2 teeth
200 mm



04-237
TROELTSCH
100 mm

04-238
TROELTSCH
115 mm

04-239
TROELTSCH
1X2 teeth
115 mm

04-240
WILDE
115 mm

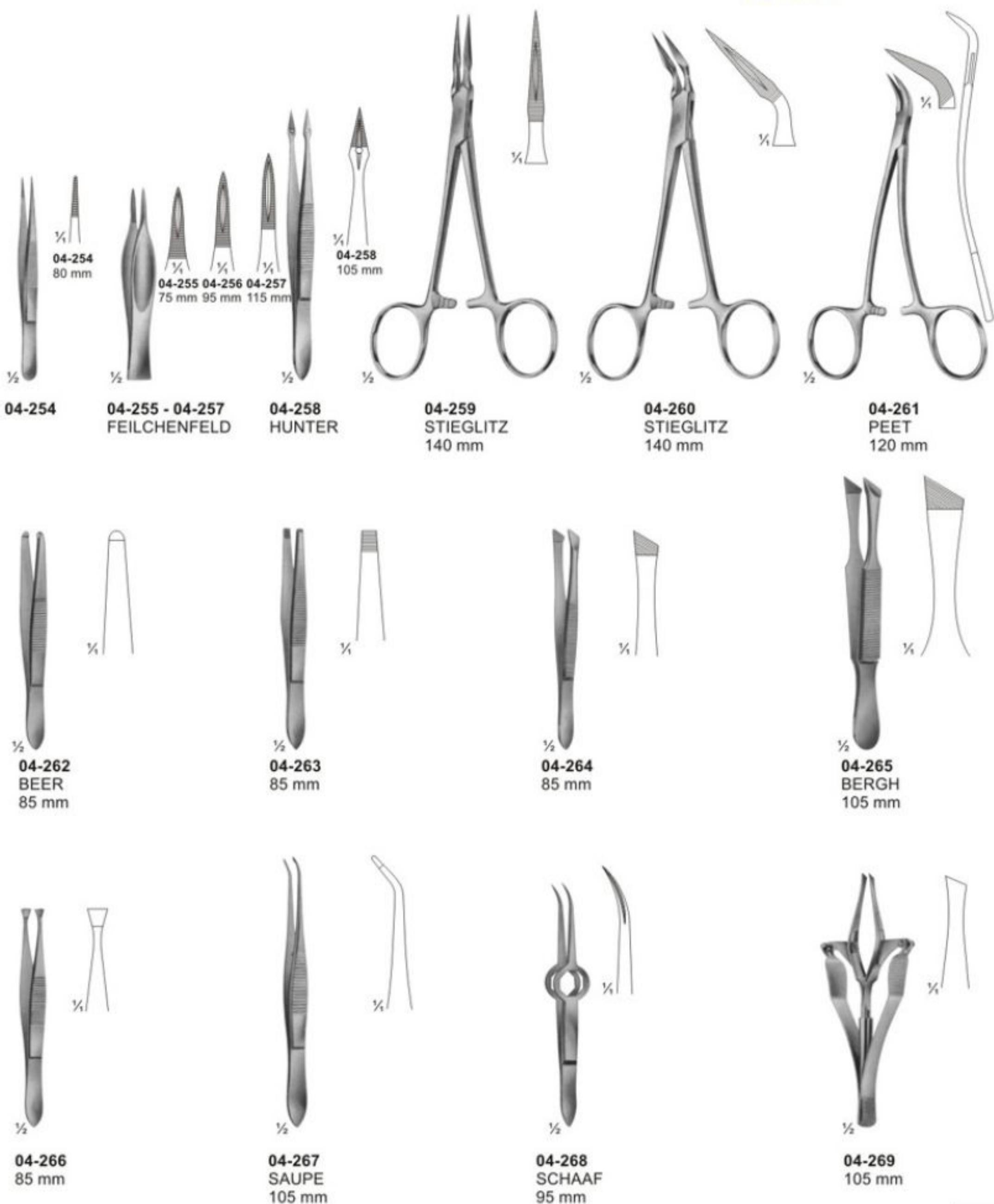
04-241
TROELTSCH
Cross action
120 mm

04-242
TROELTSCH
140 mm

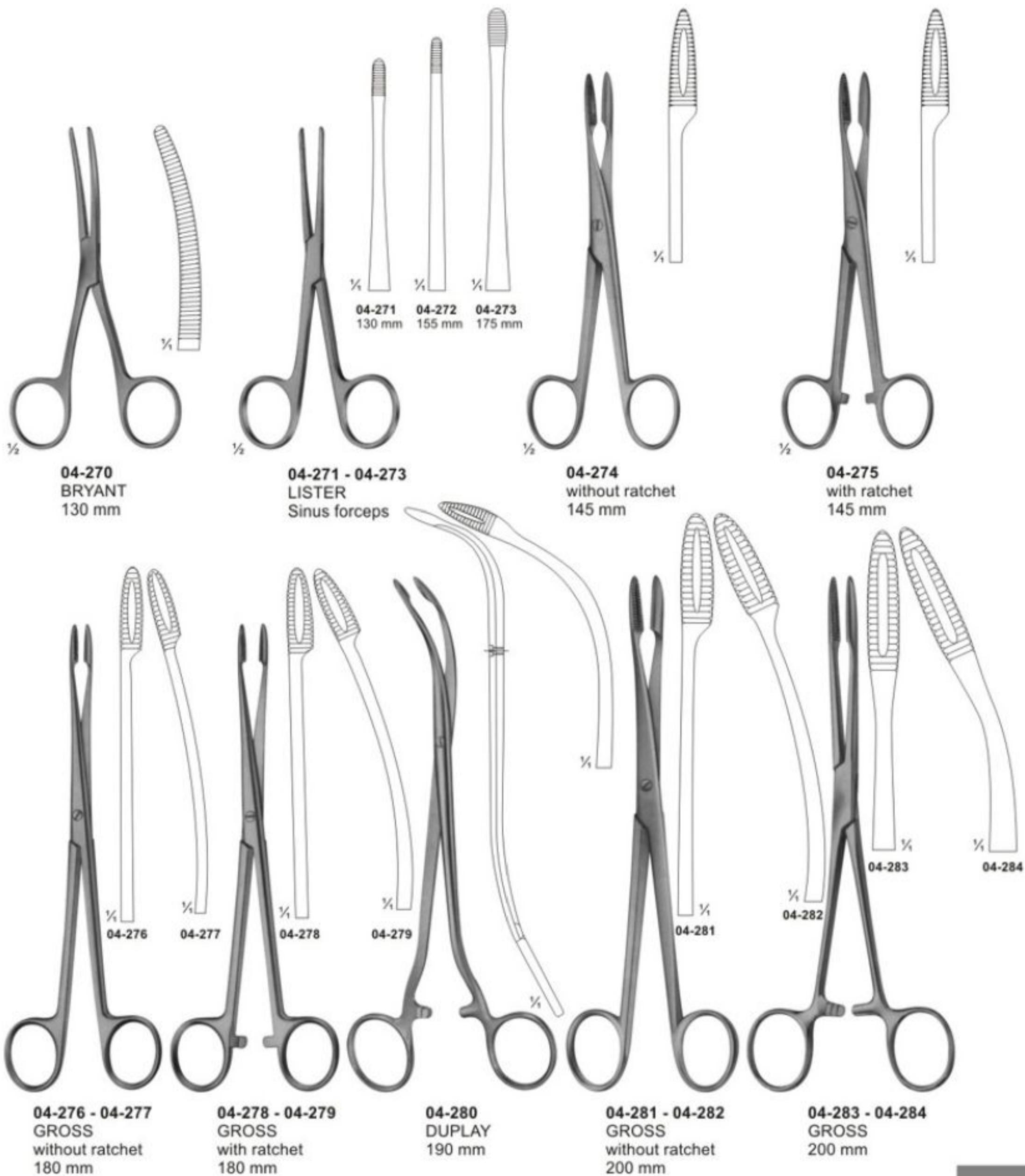
Tissue Forceps, Lung Dissecting Forceps



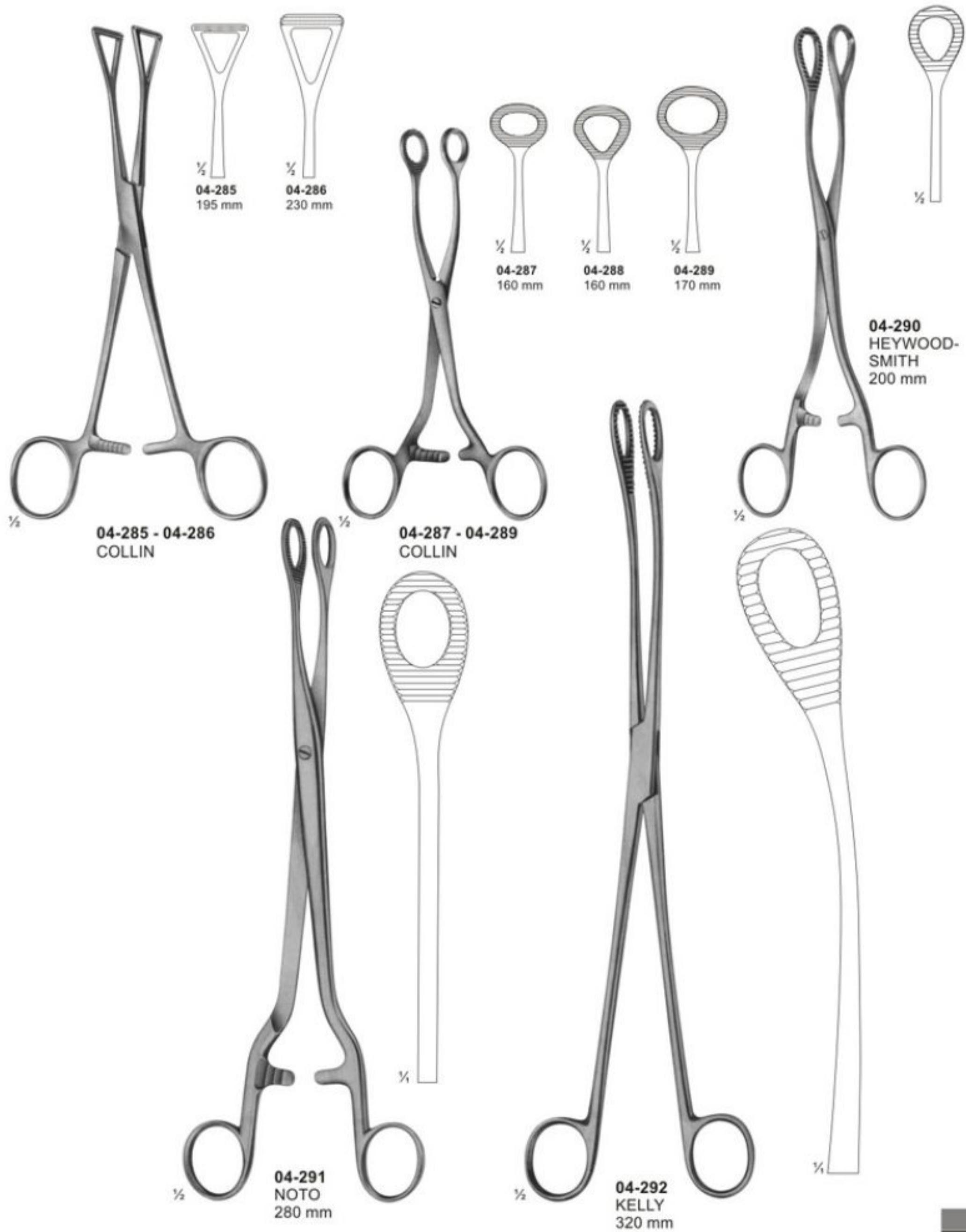
Splinter and Cilia Forceps



Sponge and Dressing Forceps



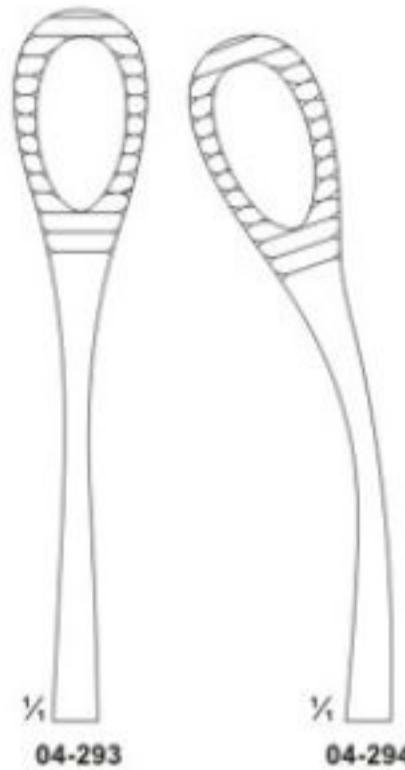
Dressing-, Sponge holding-, Organ- and Tissue Grasping Forceps



Dressing, Sponge holding, Organ and Tissue Grasping Forceps



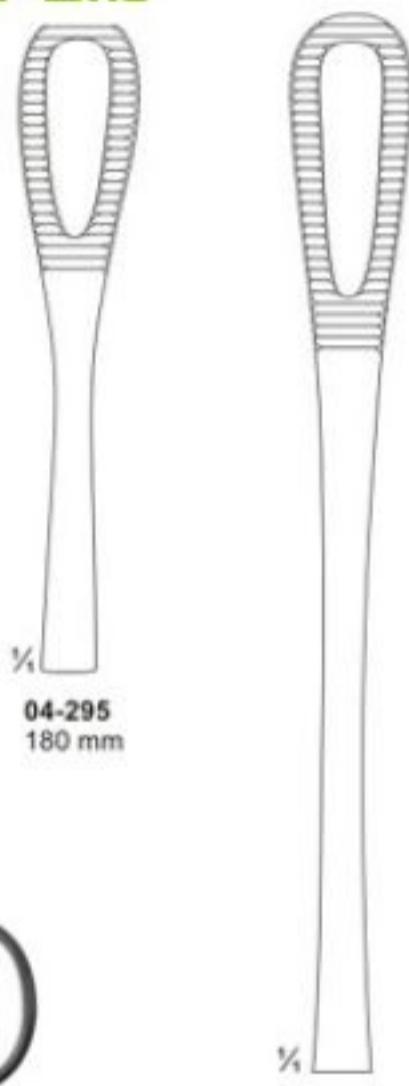
04-293 - 04-294
FOERSTER-BALLENGER
180 mm



04-293 04-294



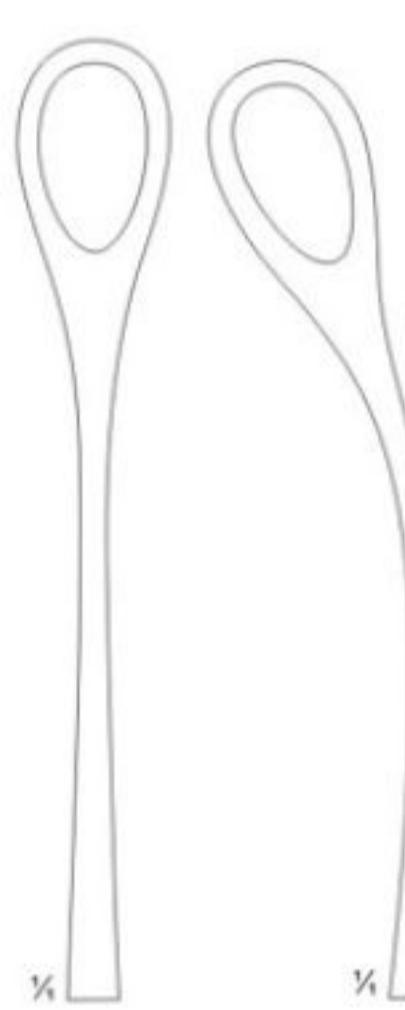
04-295 - 04-296
RAMPLEY



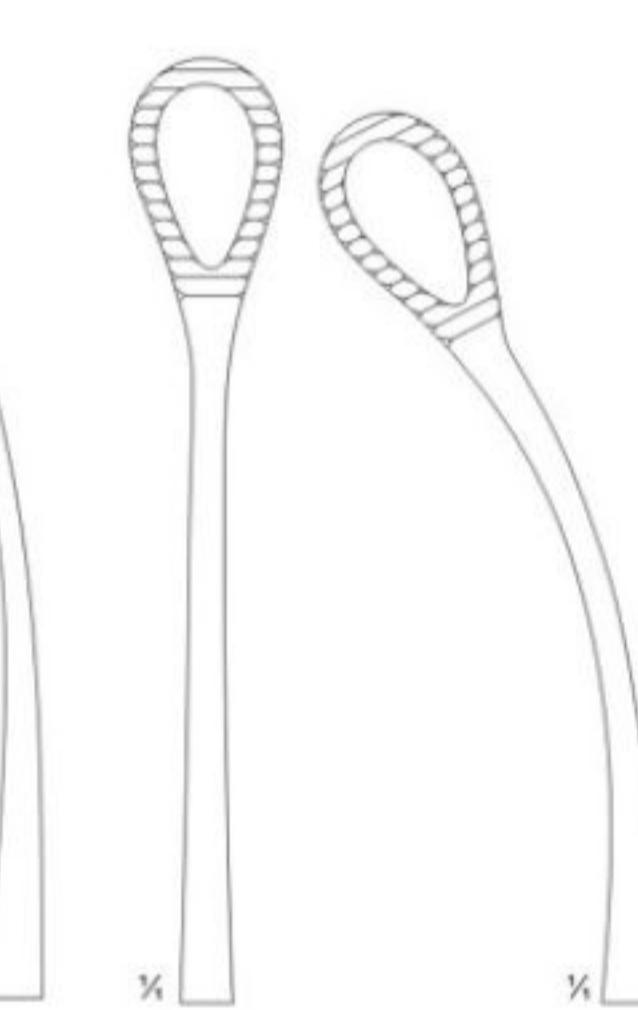
04-296
250 mm



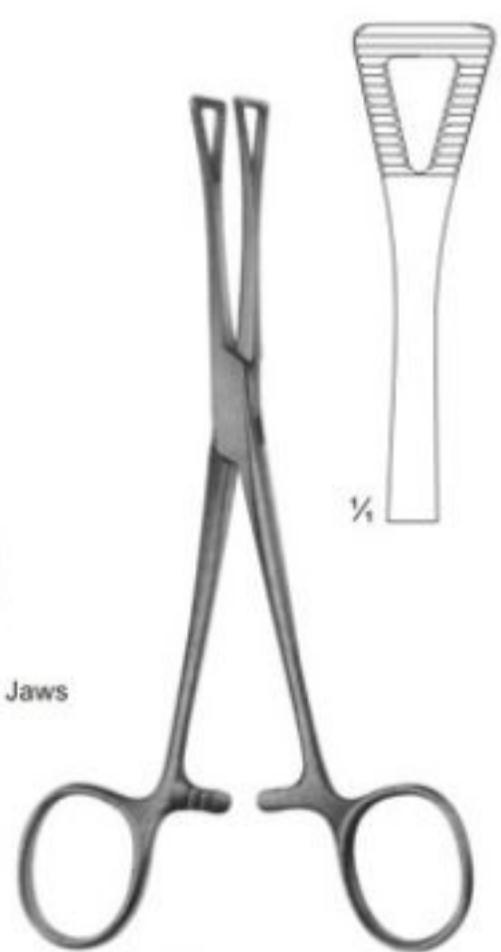
04-297 - 04-300
FOERSTER-BALLENGER
240 mm



04-297
Smooth Jaws

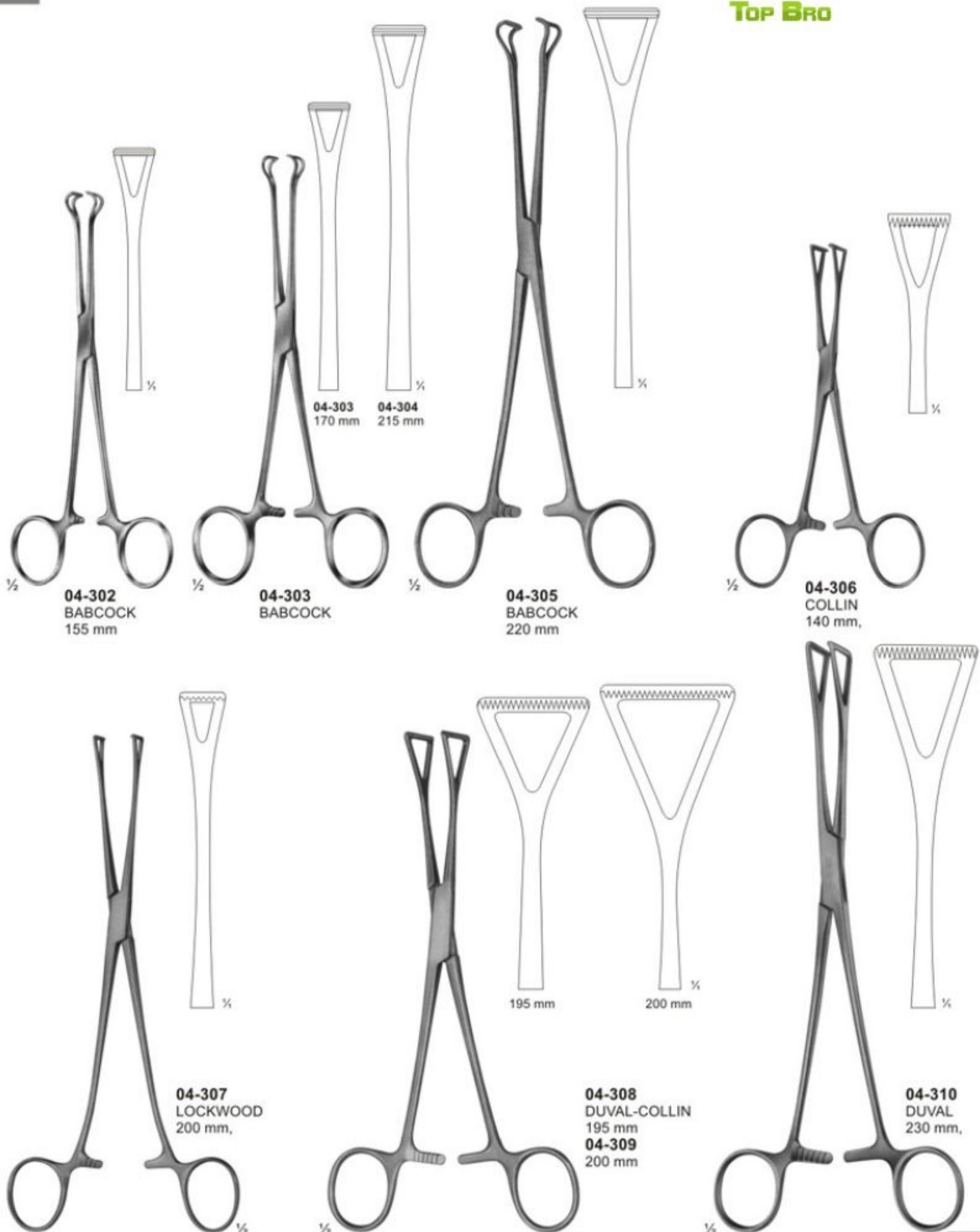


04-298 04-299
Smooth Jaws Serrated Jaws

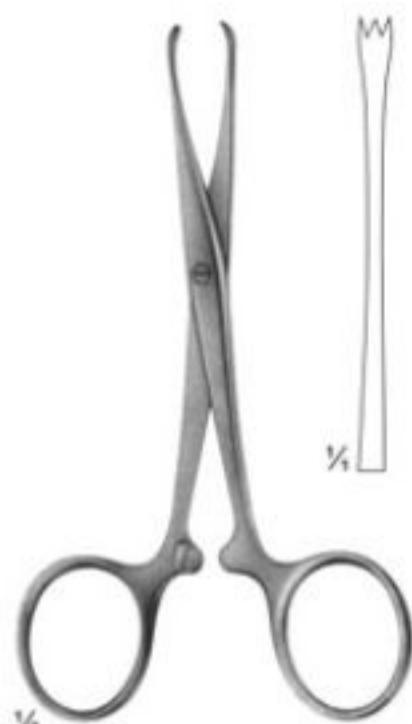


04-301
PENNINGTON
155 mm

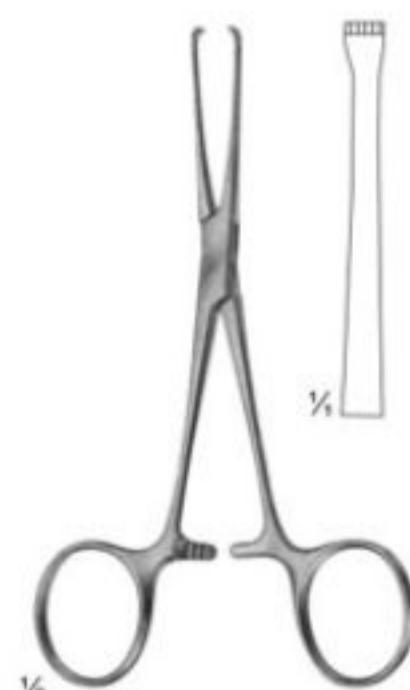
Intestinal Grasping Forceps



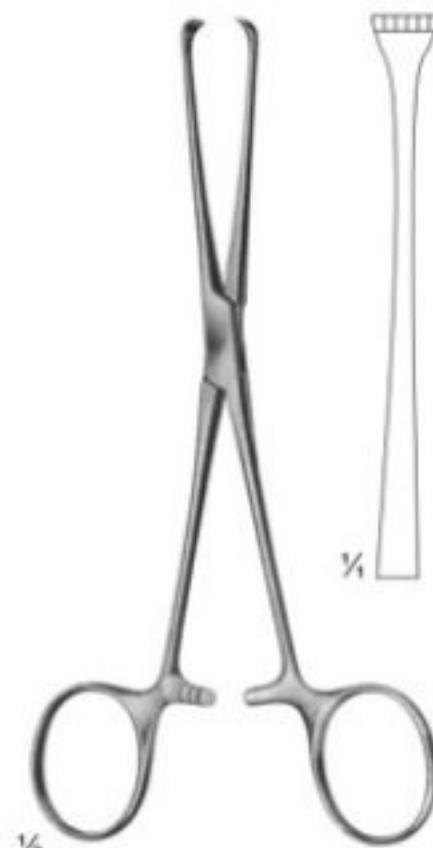
Artery Traction - and Tissue Grasping Forceps



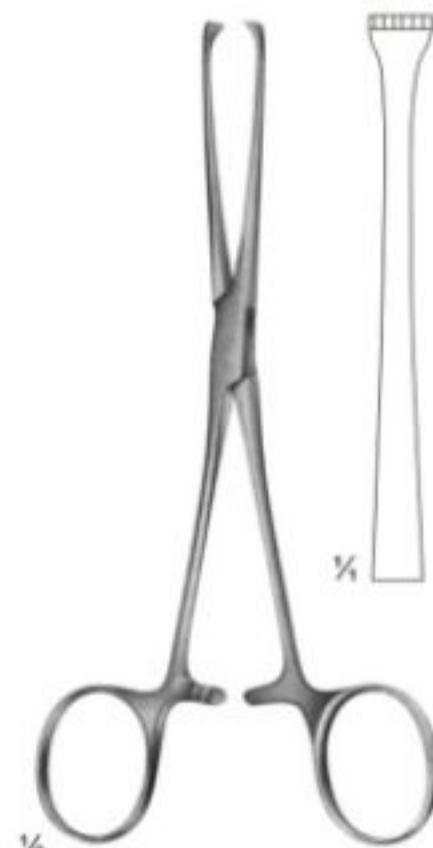
04-311
CHAPUT
2 x 3 teeth
125 mm



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



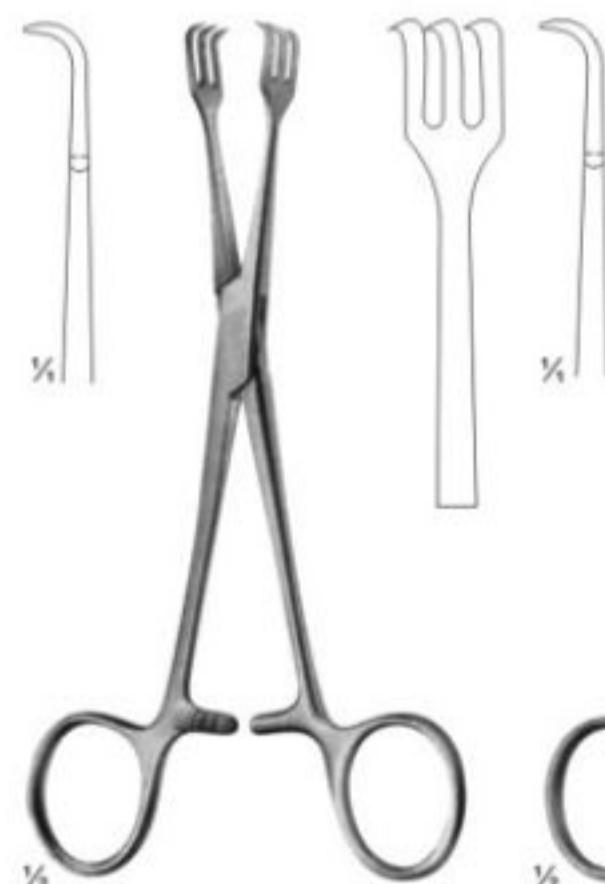
04-313
BOYS-ALLIS
5 x 6 teeth sharp
155 mm



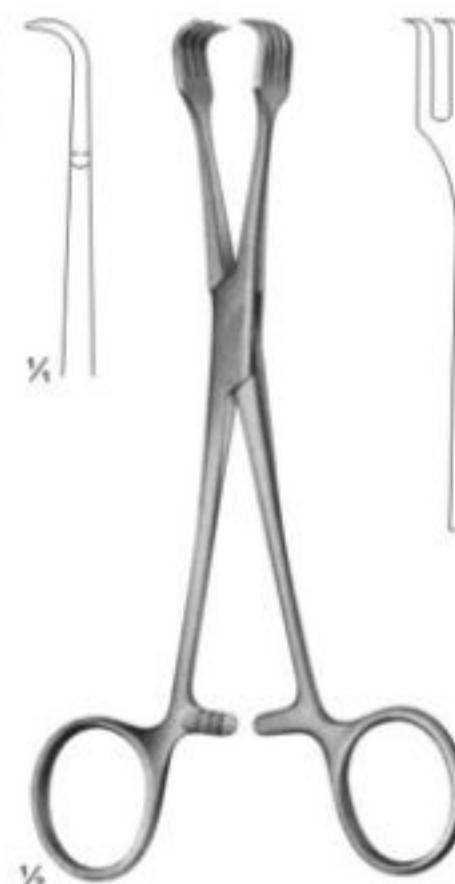
04-314
ALLIS
5 x 6 teeth
155 mm



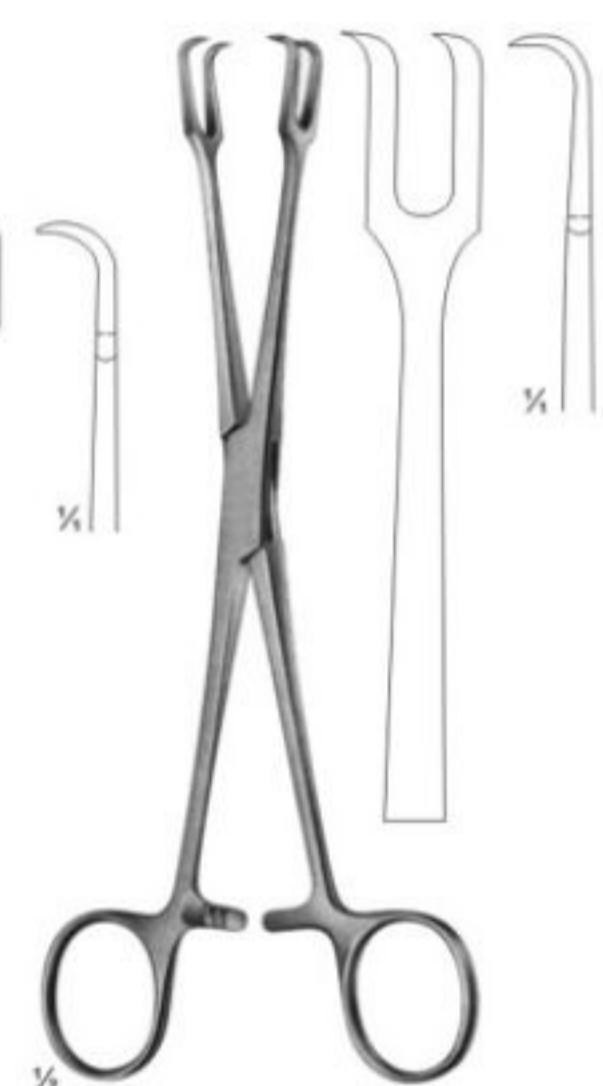
04-315
LAHEY
155 mm



04-316
LAHEY
155 mm

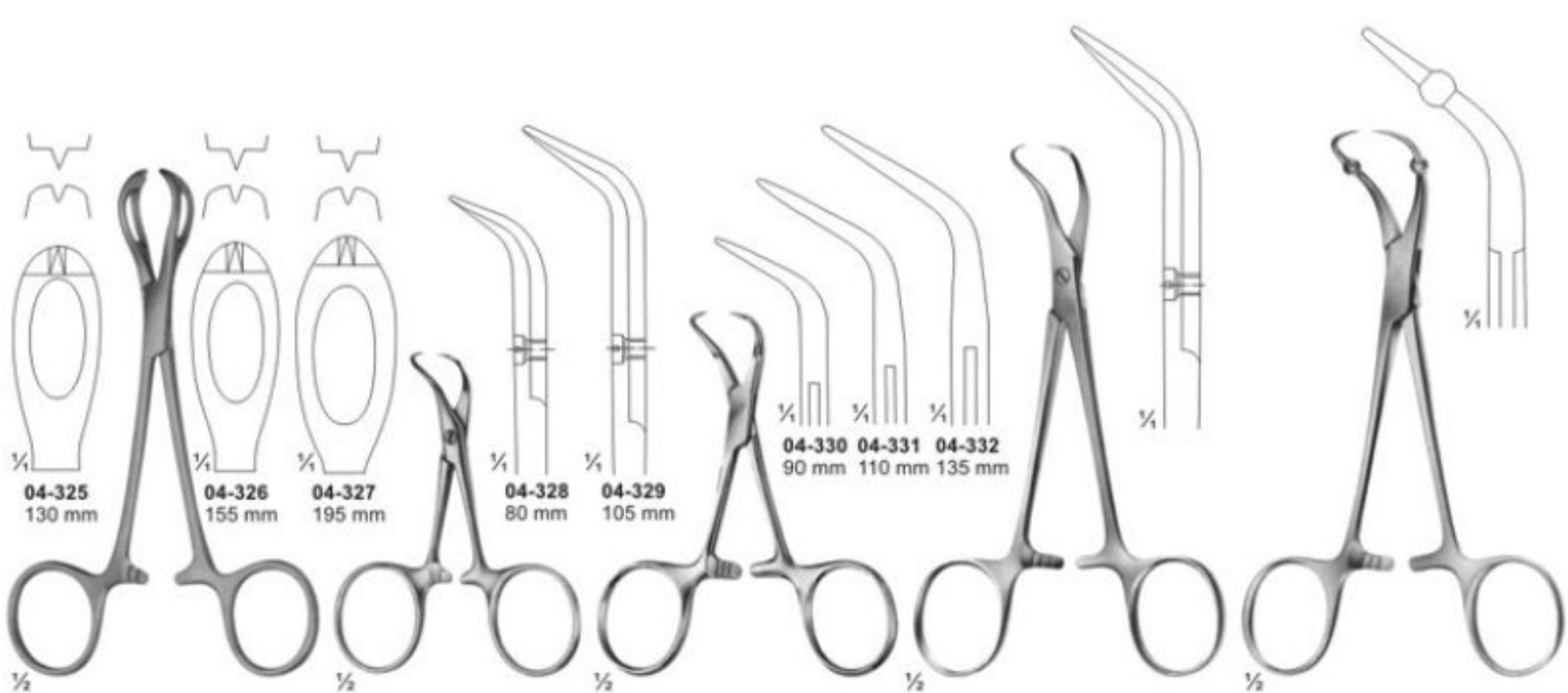
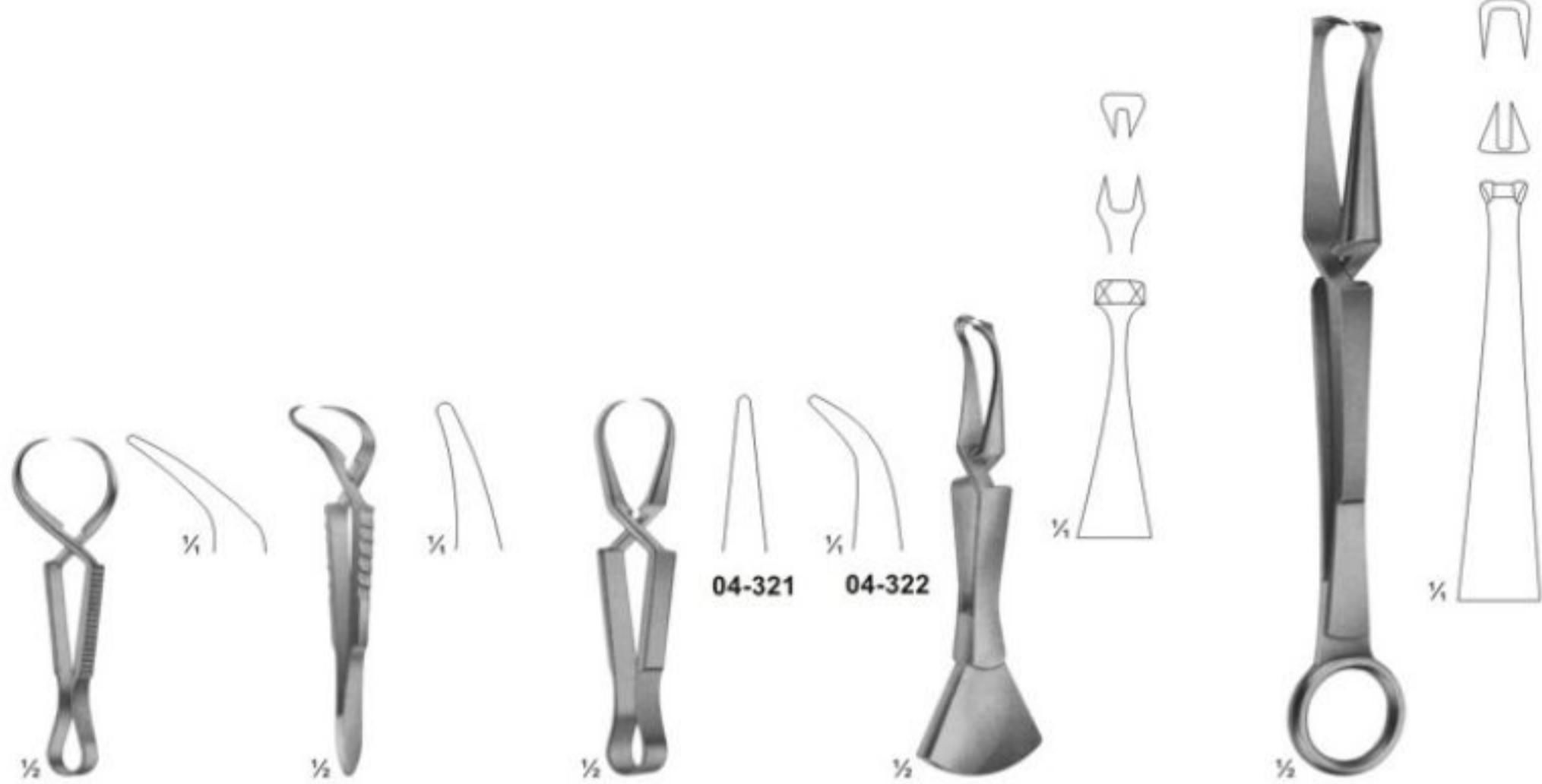


04-317
BRAUN
155 mm



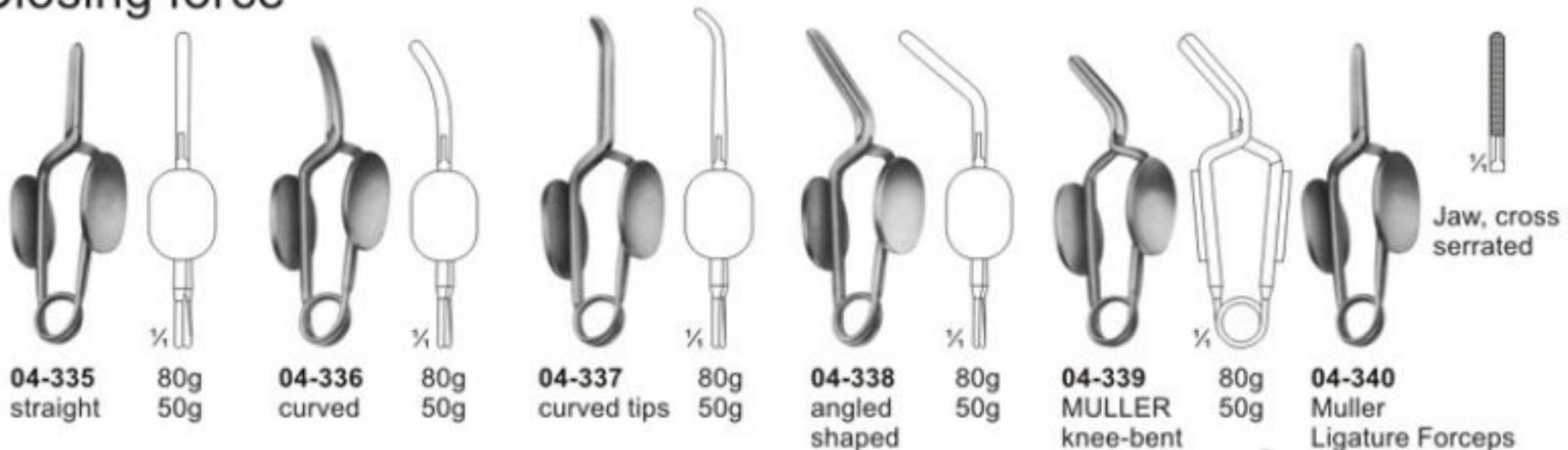
04-318
MUSEUX
200 mm

Towel Clamps

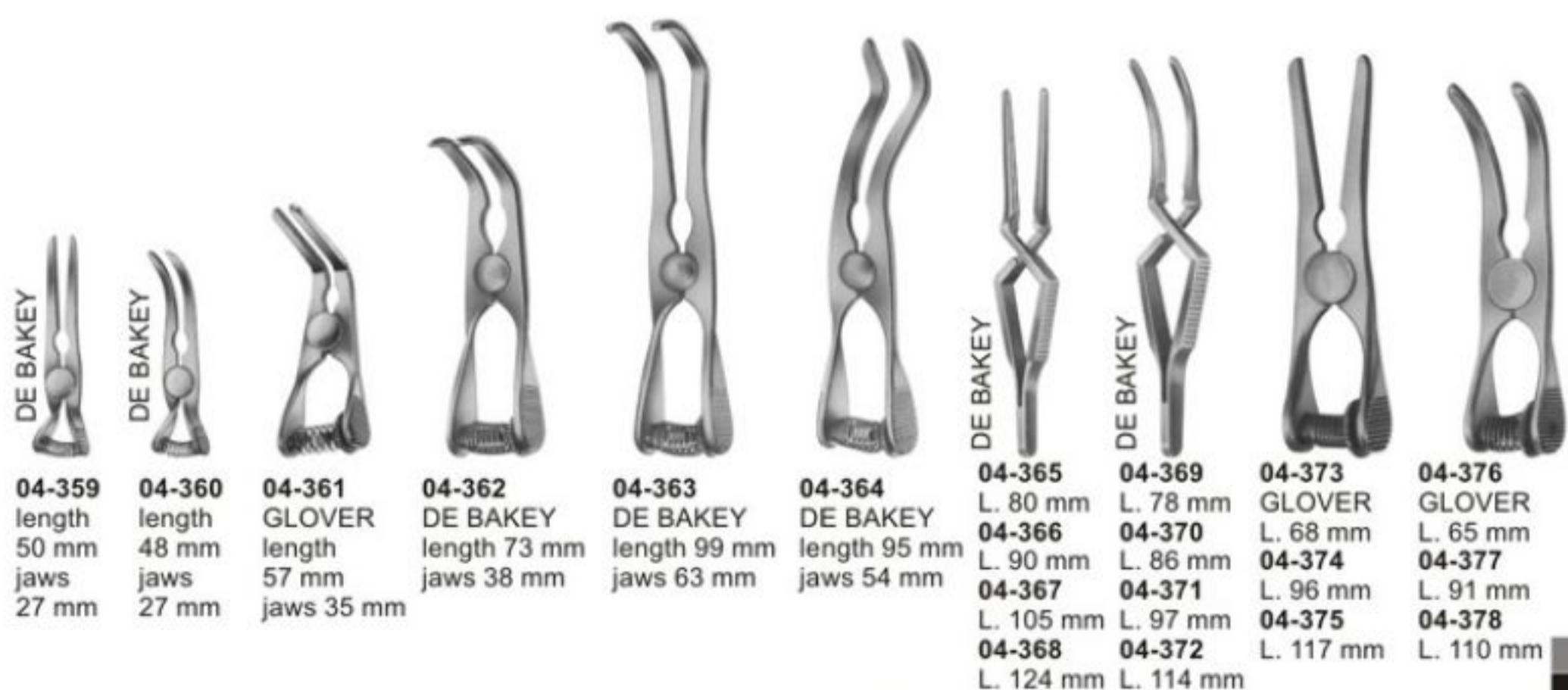
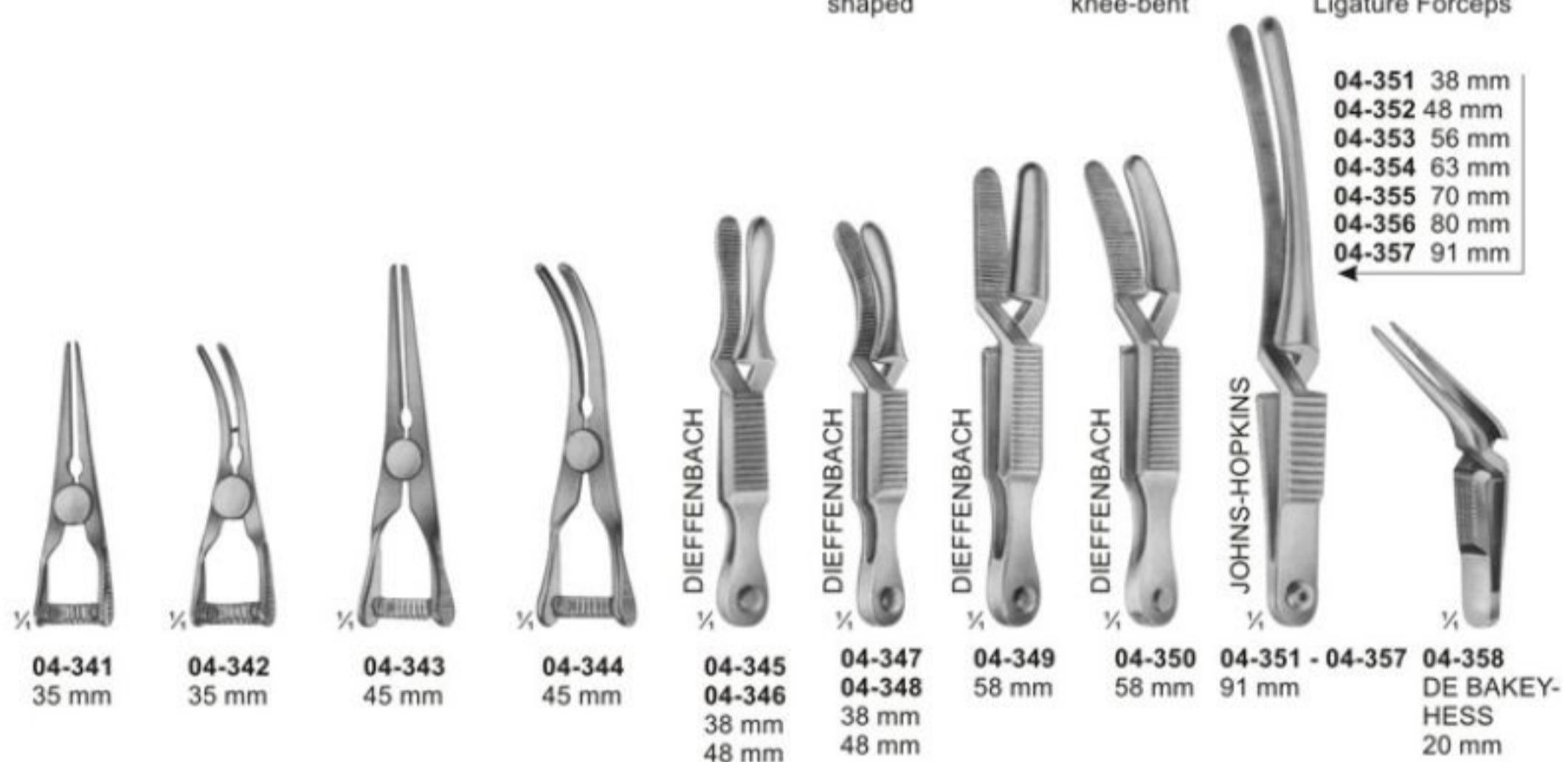


Muller Vessel Clips and Bulldog Clamps

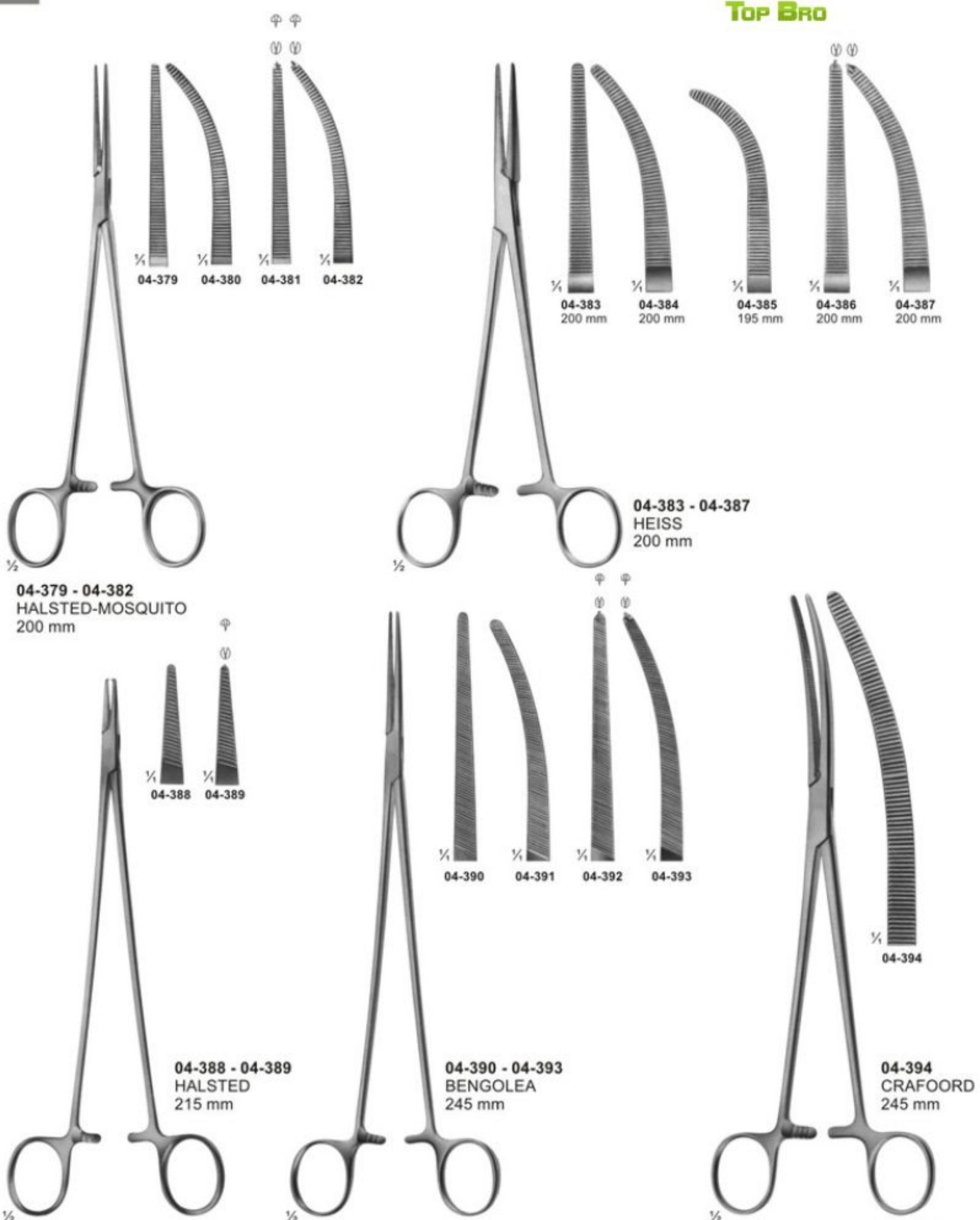
Closing force



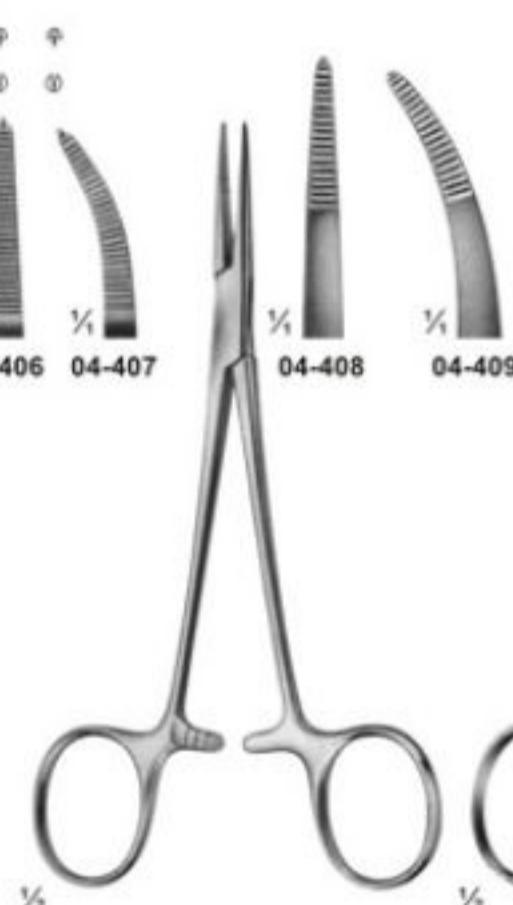
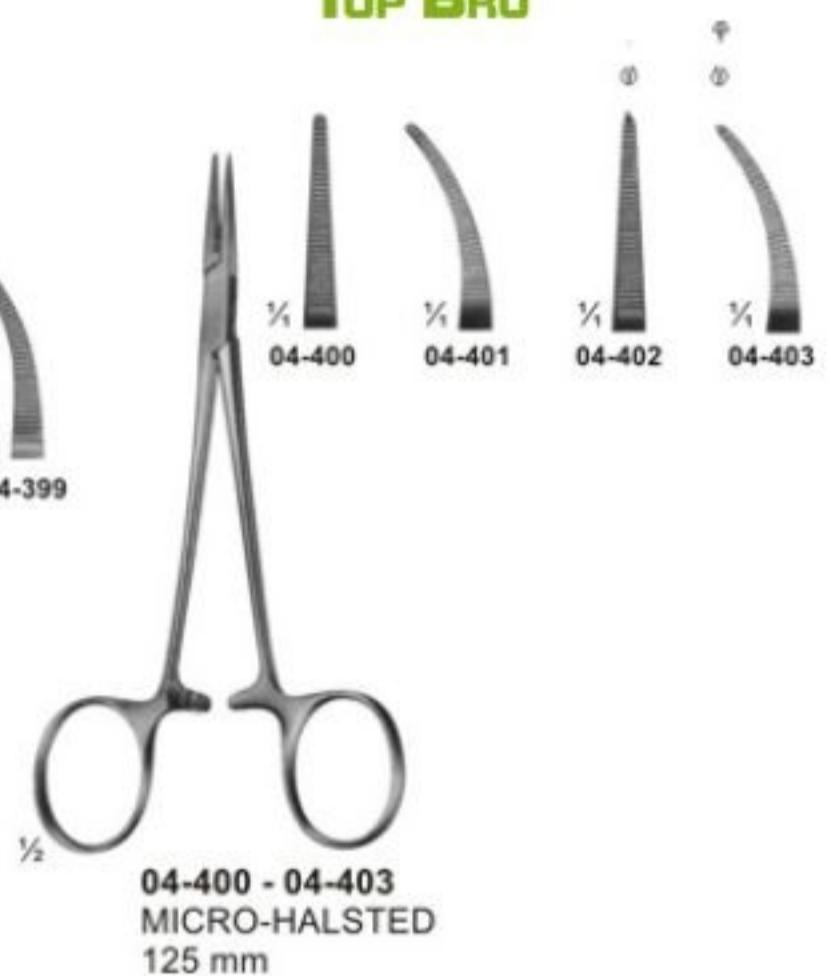
04-351 38 mm
04-352 48 mm
04-353 56 mm
04-354 63 mm
04-355 70 mm
04-356 80 mm
04-357 91 mm



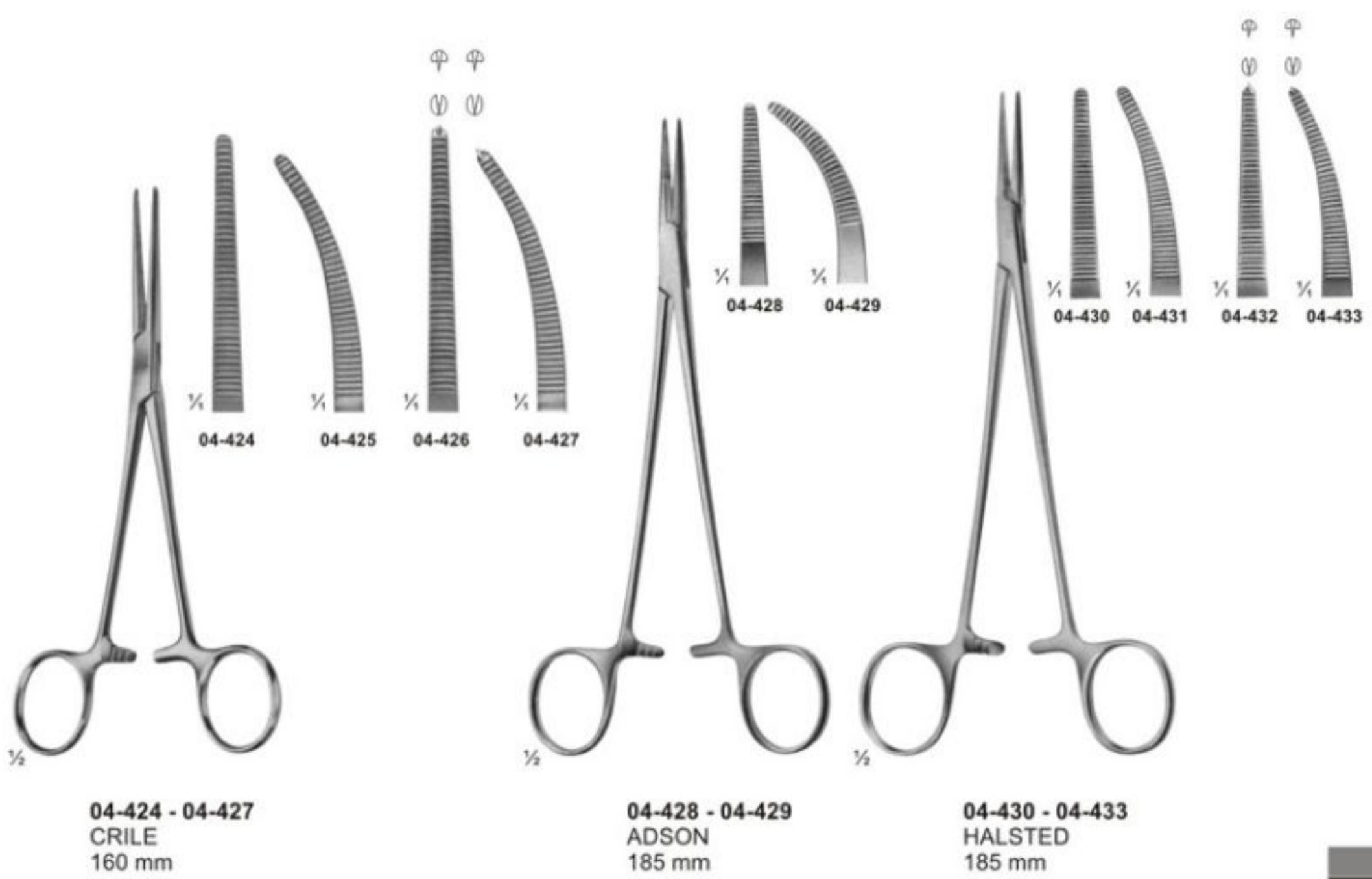
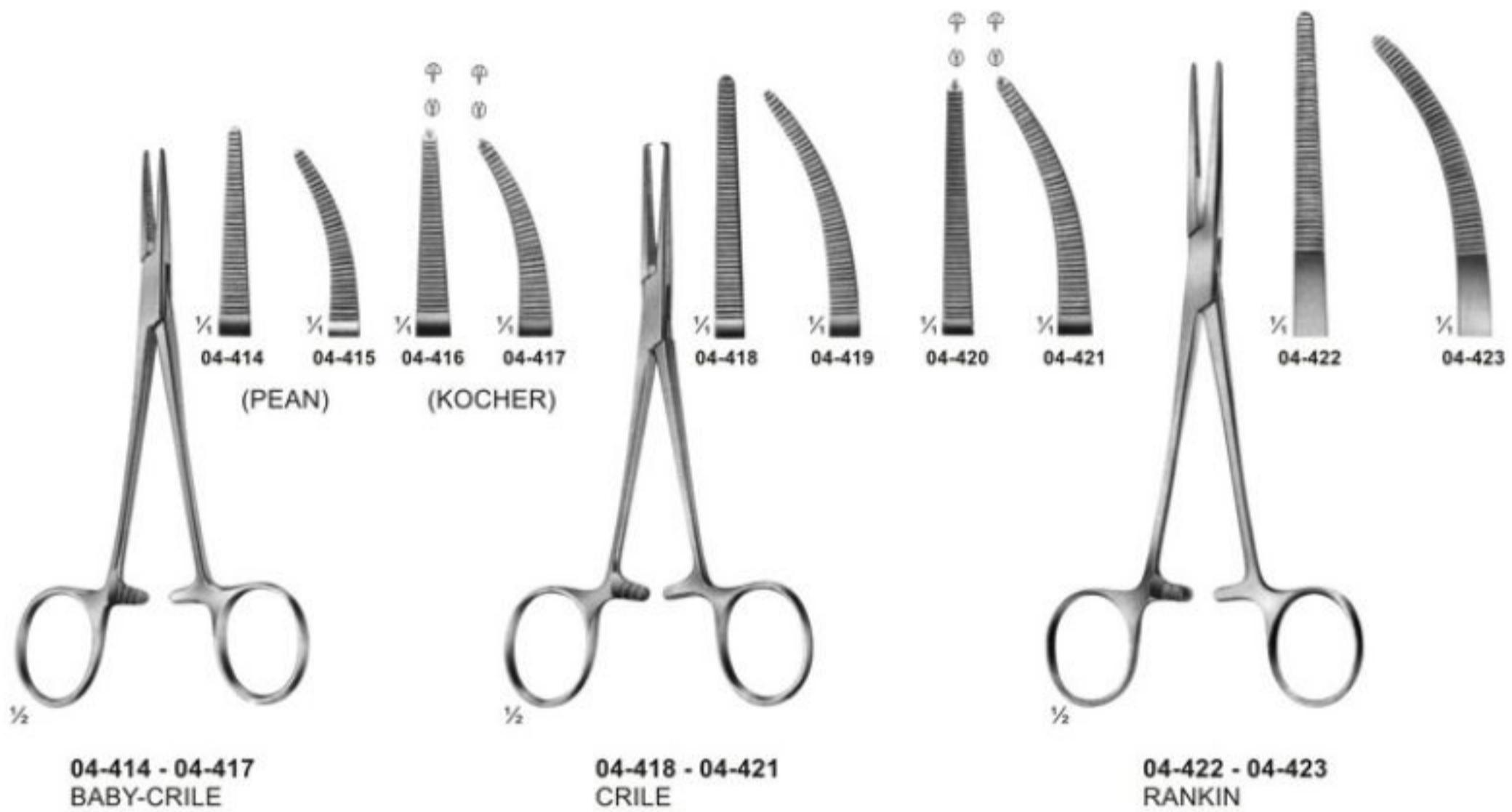
Delicate Haemostatic Forceps



Delicate Haemostatic Forceps



Delicate Haemostatic Forceps



Haemostatic Forceps



04-434 - 04-437
PEAN
Slender type



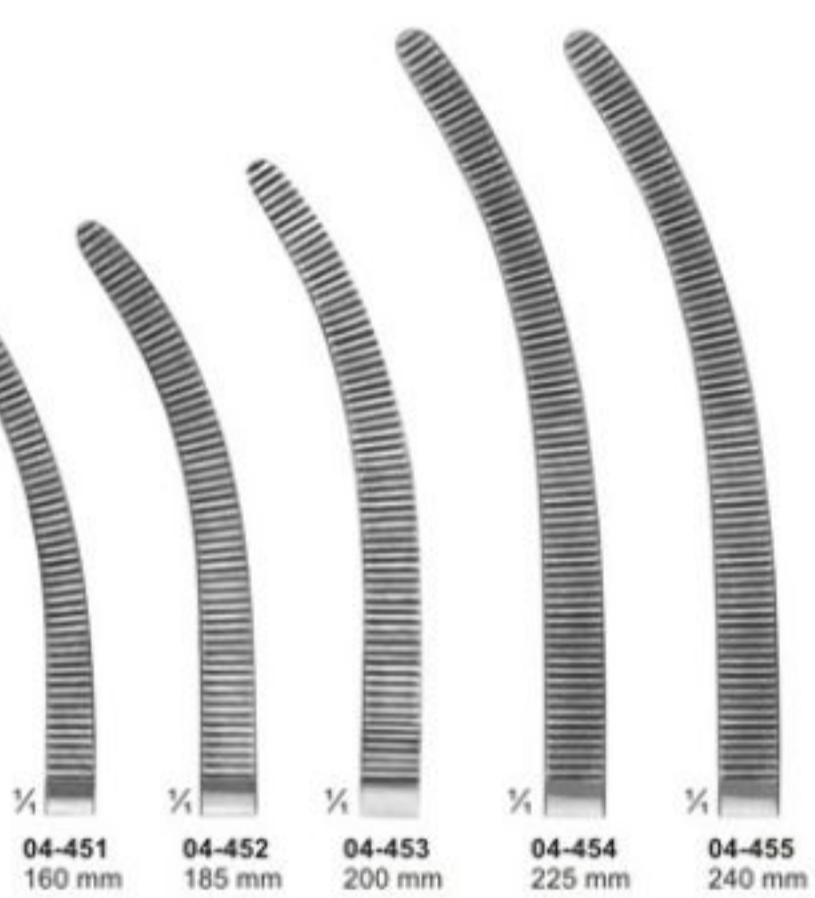
04-438 - 04-445
SPENCER-WELLS
Slender type



04-446 - 04-455
ROCHESTER-PEAN

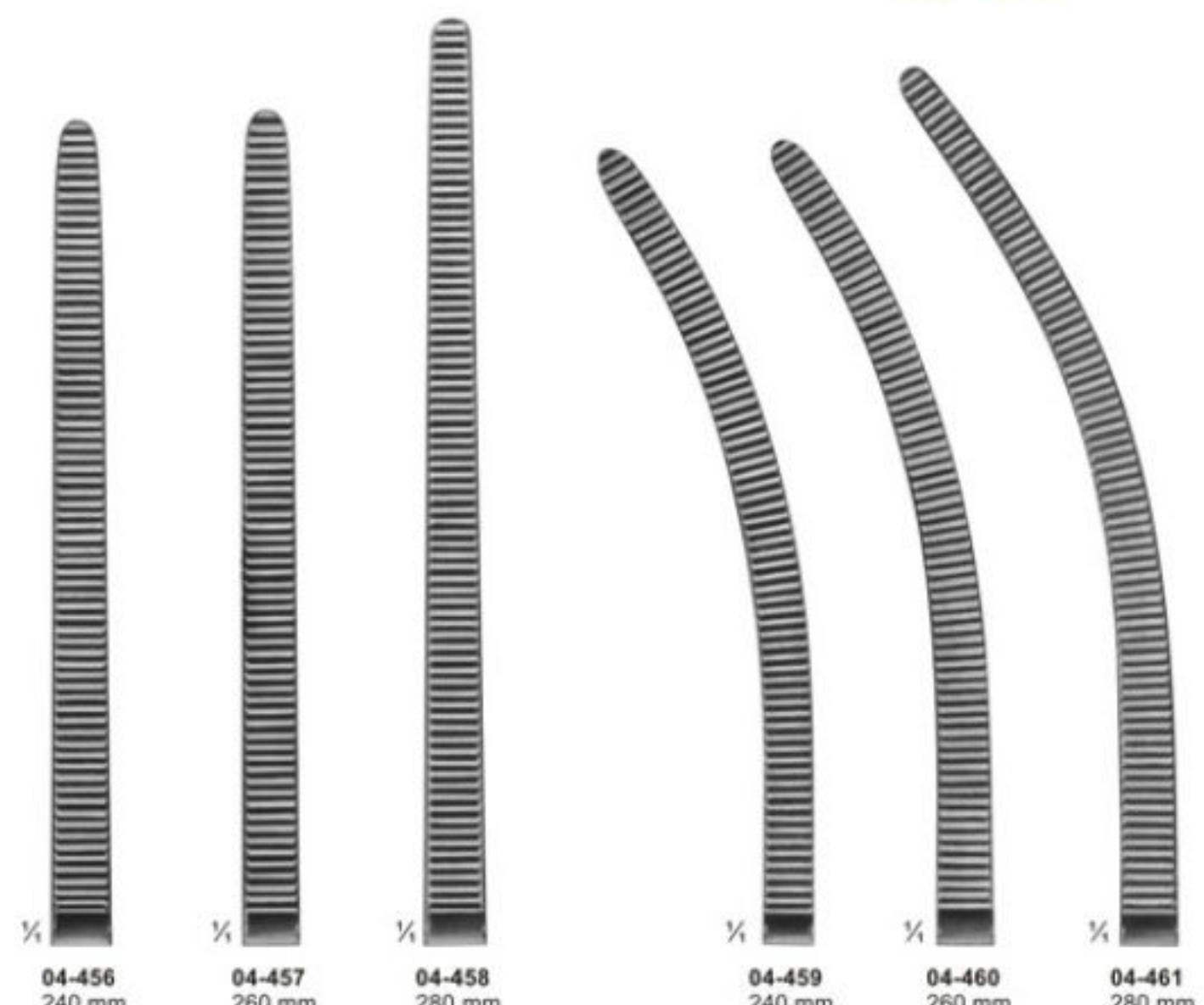


04-436 - 04-445
SPENCER-WELLS
Curved type

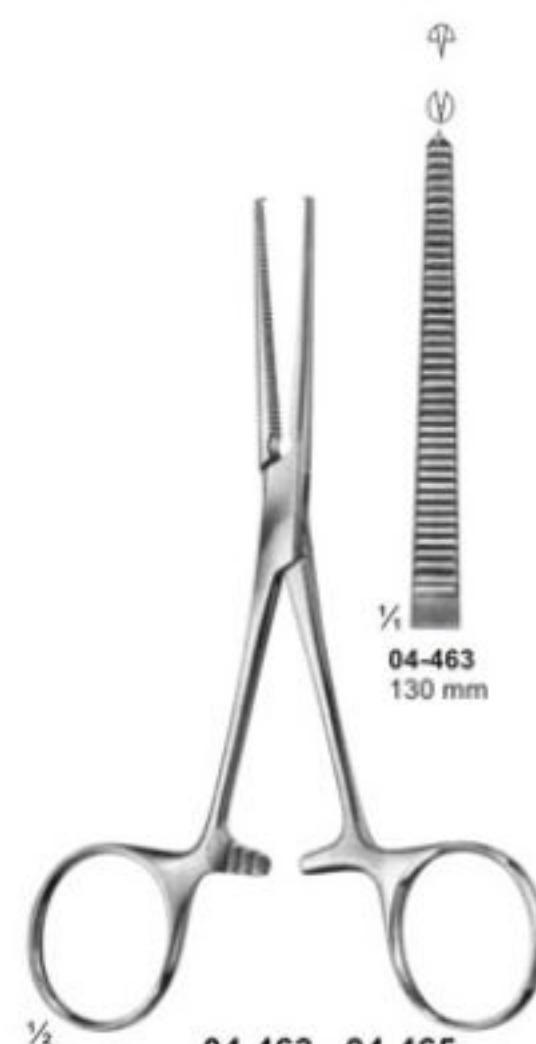
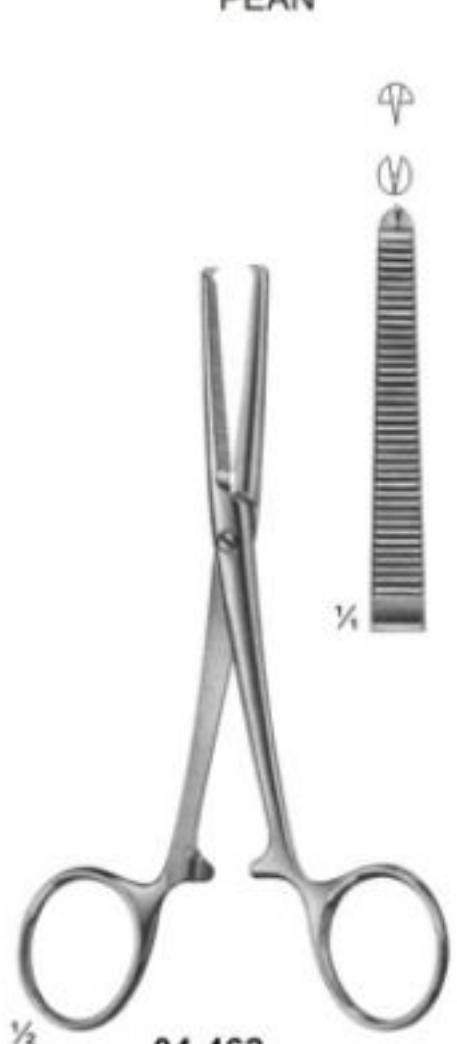


04-446 - 04-455
ROCHESTER-PEAN

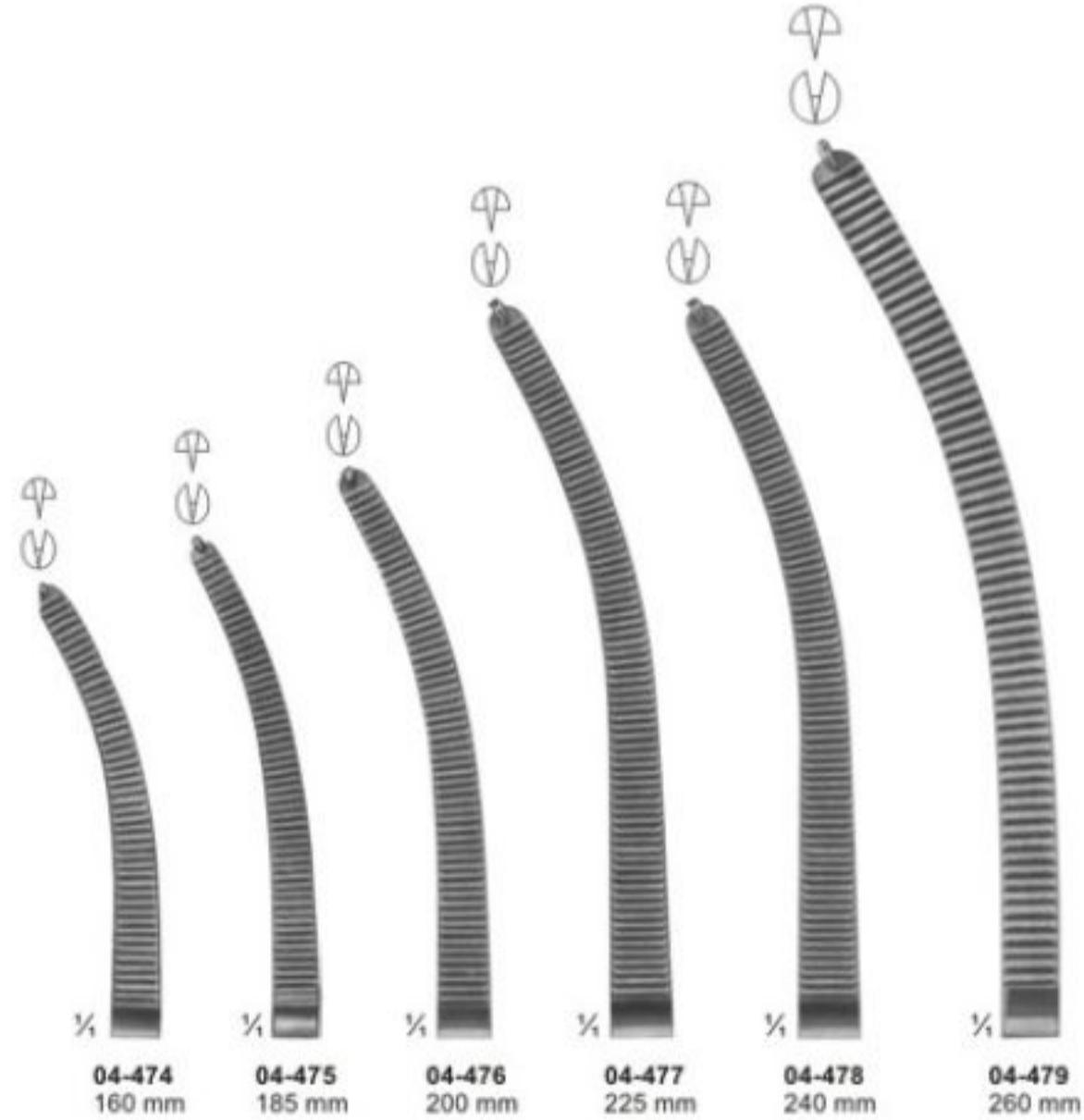
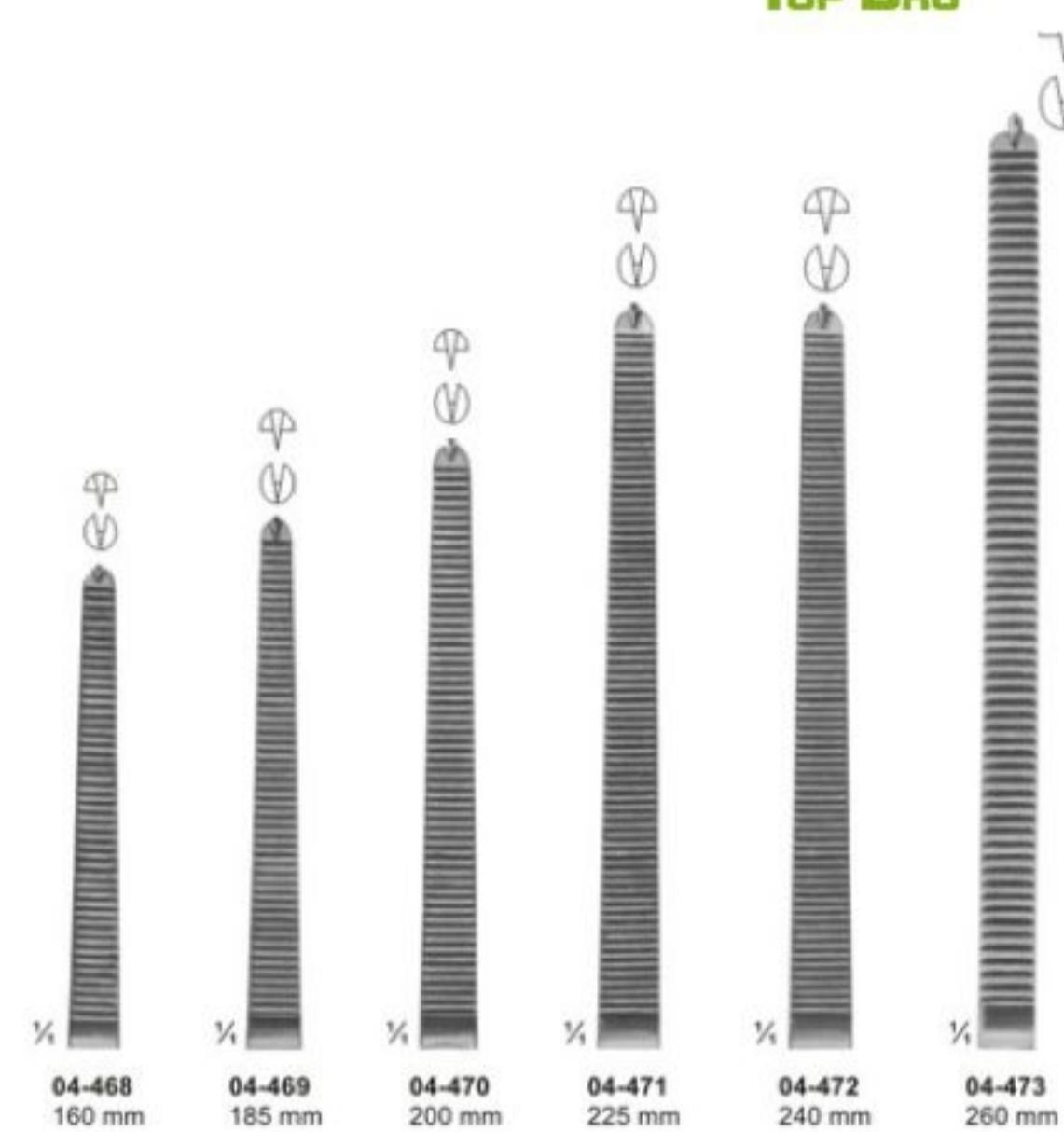
Haemostatic Forceps



04-456 - 04-461
PEAN

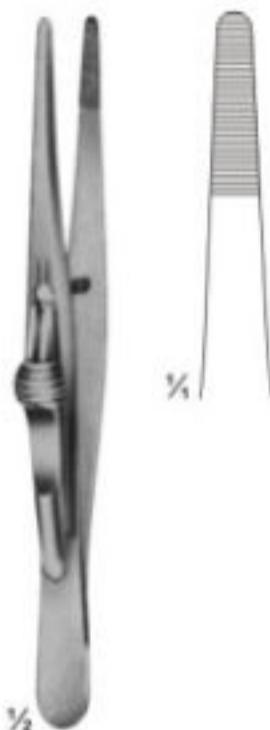


Haemostatic Forceps

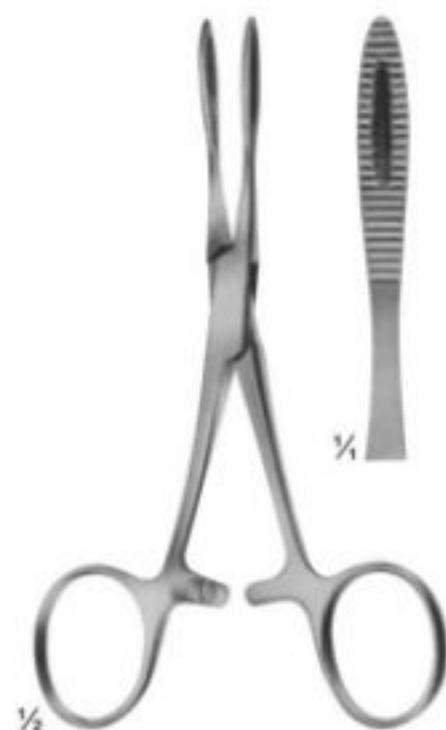


04-468 - 04-479
KOCHEK-OCHSNER

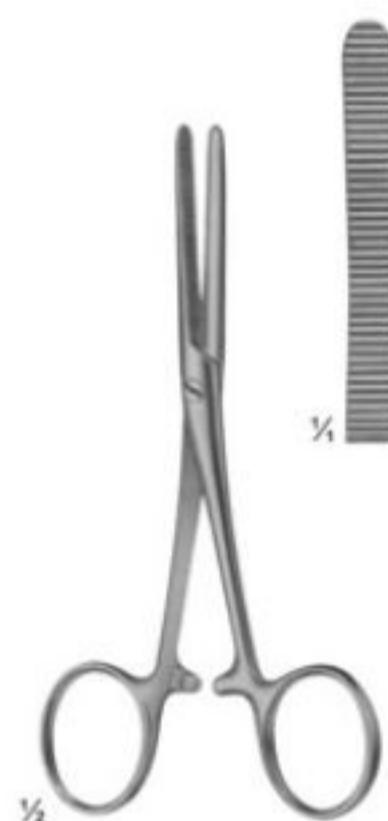
Haemostatic Forceps



04-480
FRICKE
Artery forceps
130 mm



04-481
KRONLEIN
130 mm



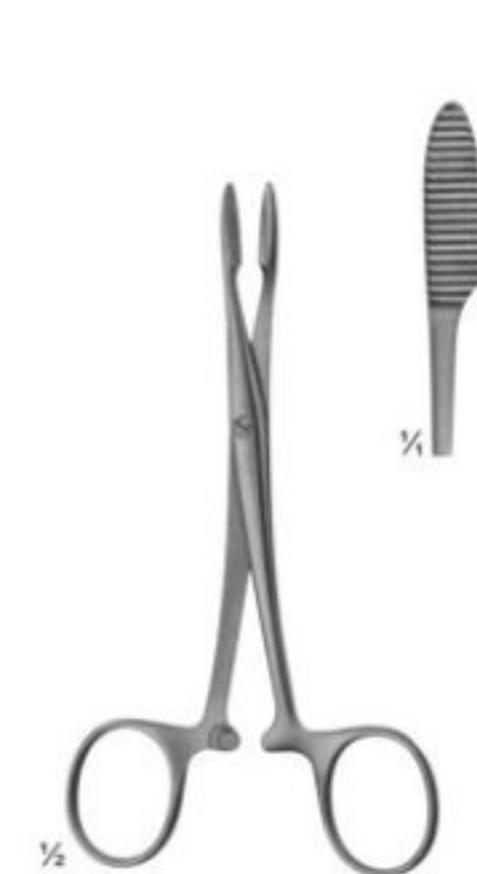
04-482
PEAN
125 mm



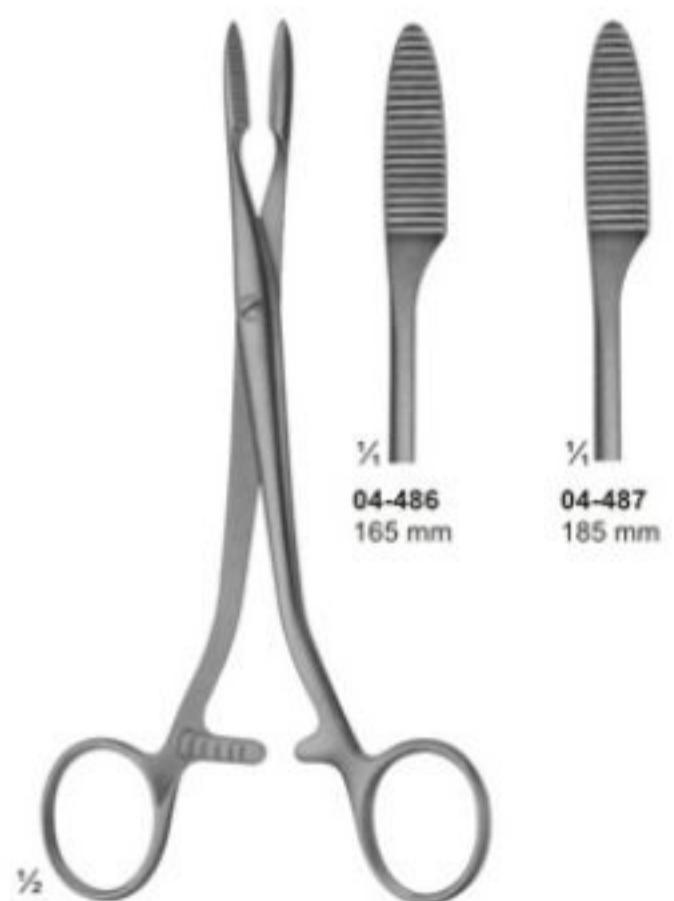
04-483
125 mm



04-484
140 mm



04-485
PEAN
125 mm



04-486
165 mm

04-487
185 mm

04-483 - 04-484
PEAN

04-486 - 04-487
PEAN

Haemostatic Forceps, Special Pattern, Tonsil Forcep



04-488 160 mm
04-491 200 mm



04-492 230 mm
04-493 240 mm

04-488 - 04-491
ROCHESTER-CARMALT

04-492 - 04-493
MOYNIHAN



04-494 195 mm
04-495 220 mm

04-494 - 04-496
PEAN

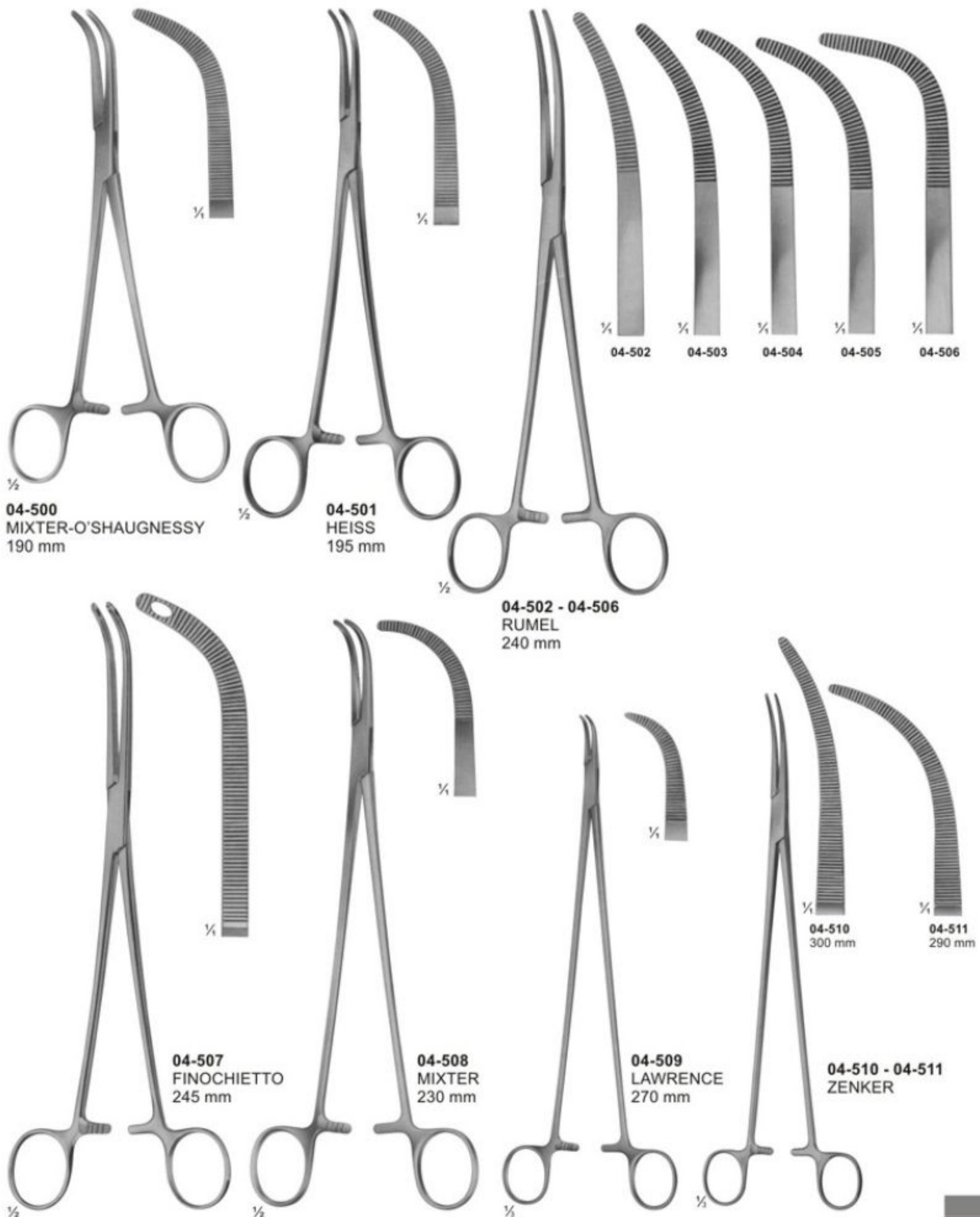


04-497 - 04-498
NEGUS
190 mm

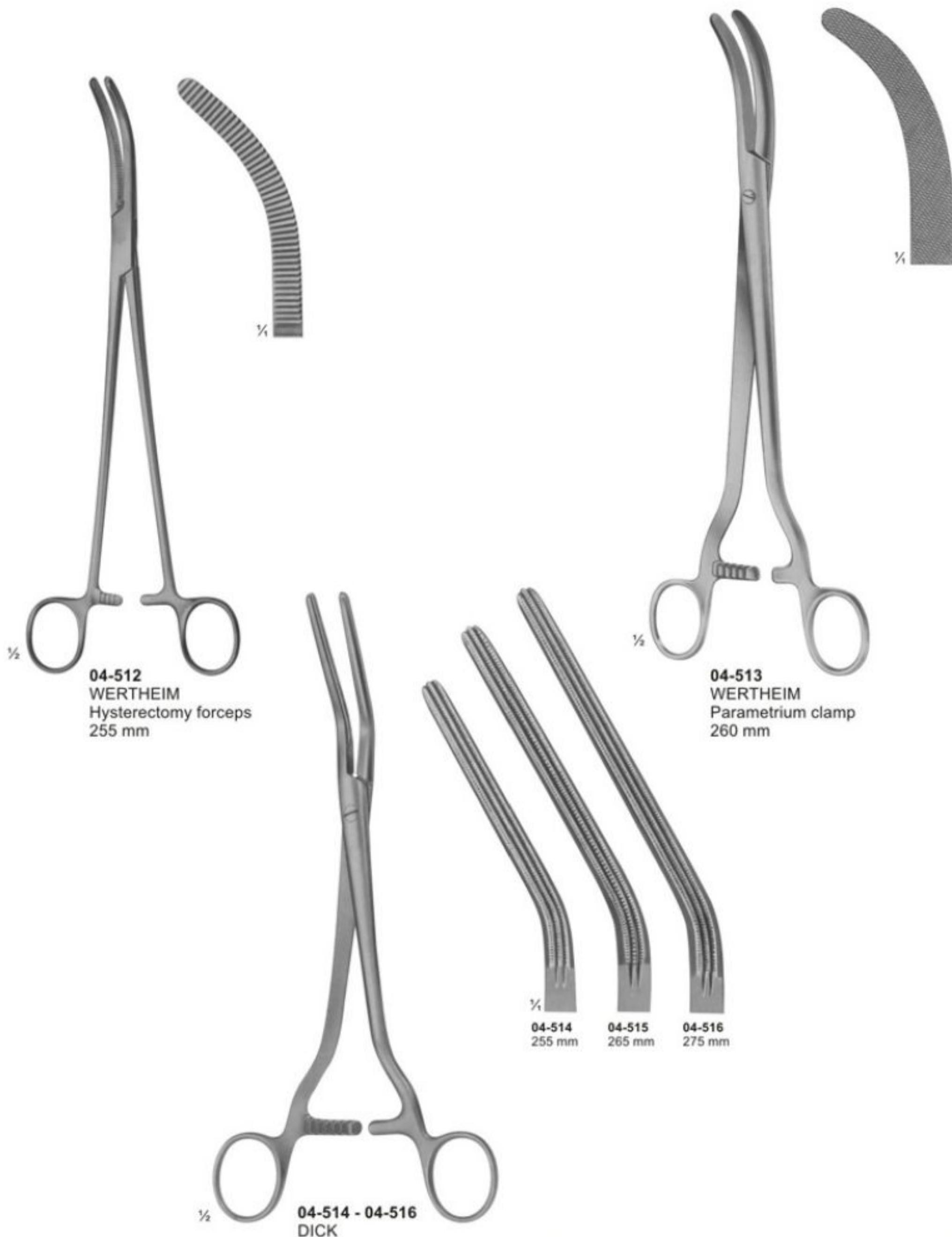
04-499
MIKULICZ
185 mm

04-497 - 04-498
NEGUS
190 mm

Dissecting- and Ligature Forceps



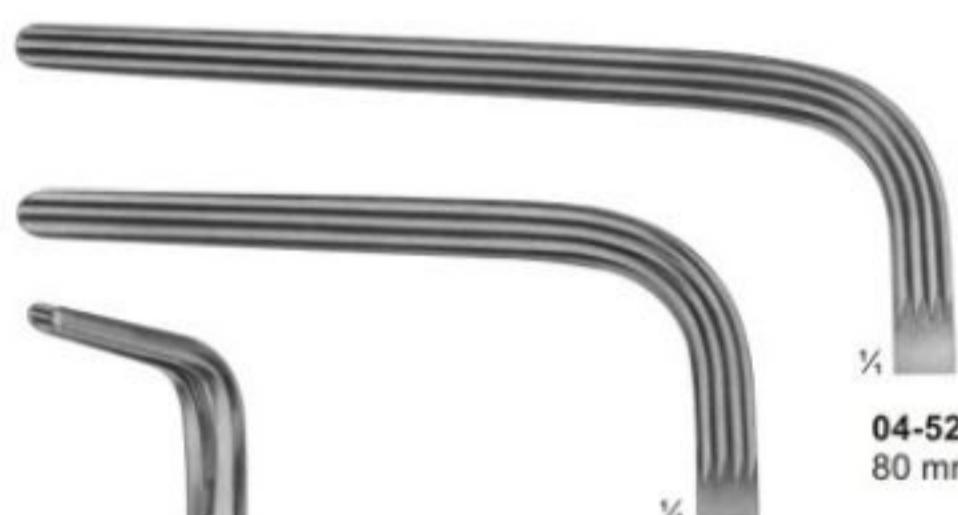
Hysterectomy Forceps, Vaginal Clamps
and Compression Forceps



Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



04-517
WERTHEIM
250 mm



04-520
80 mm

04-519
60 mm

1/4

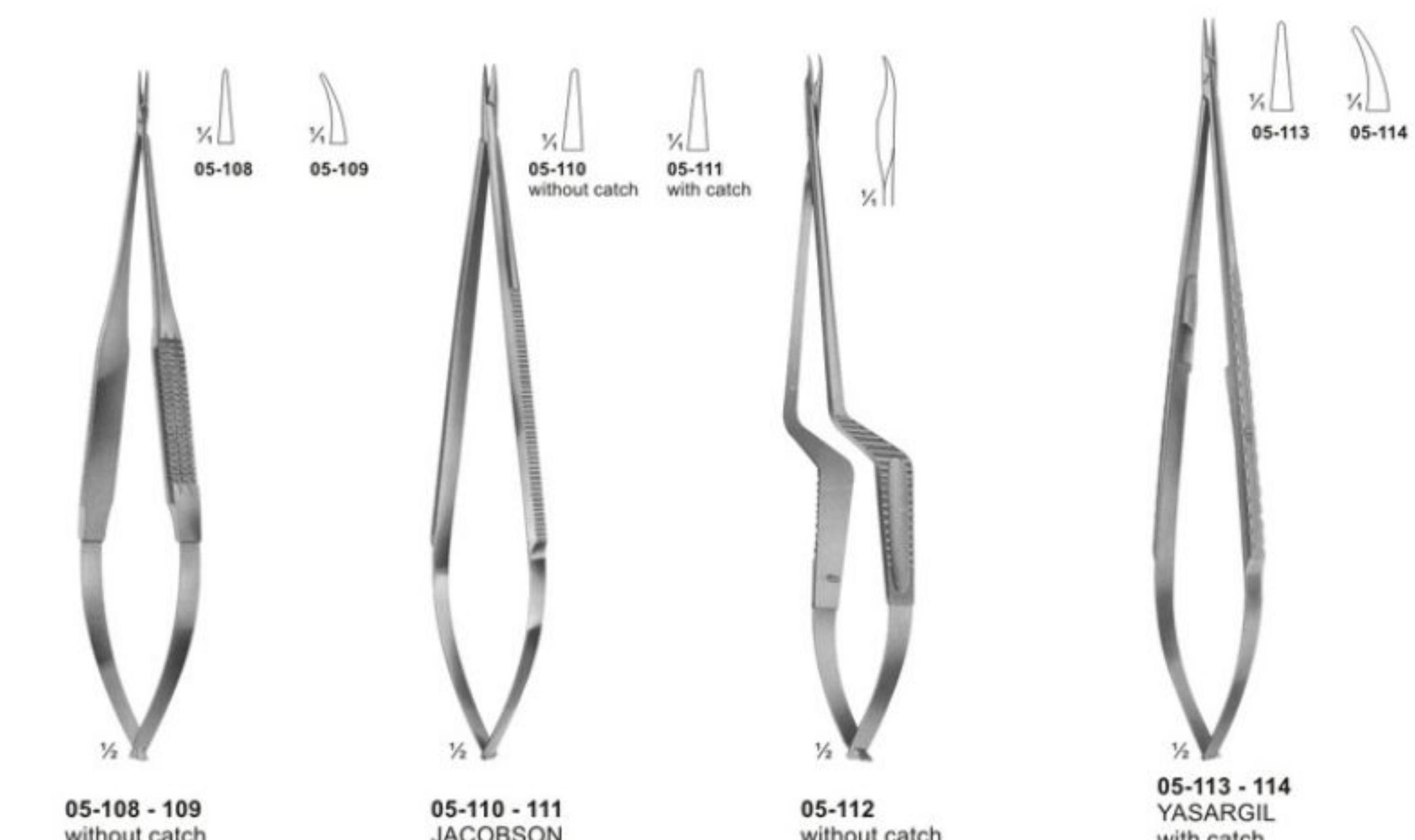
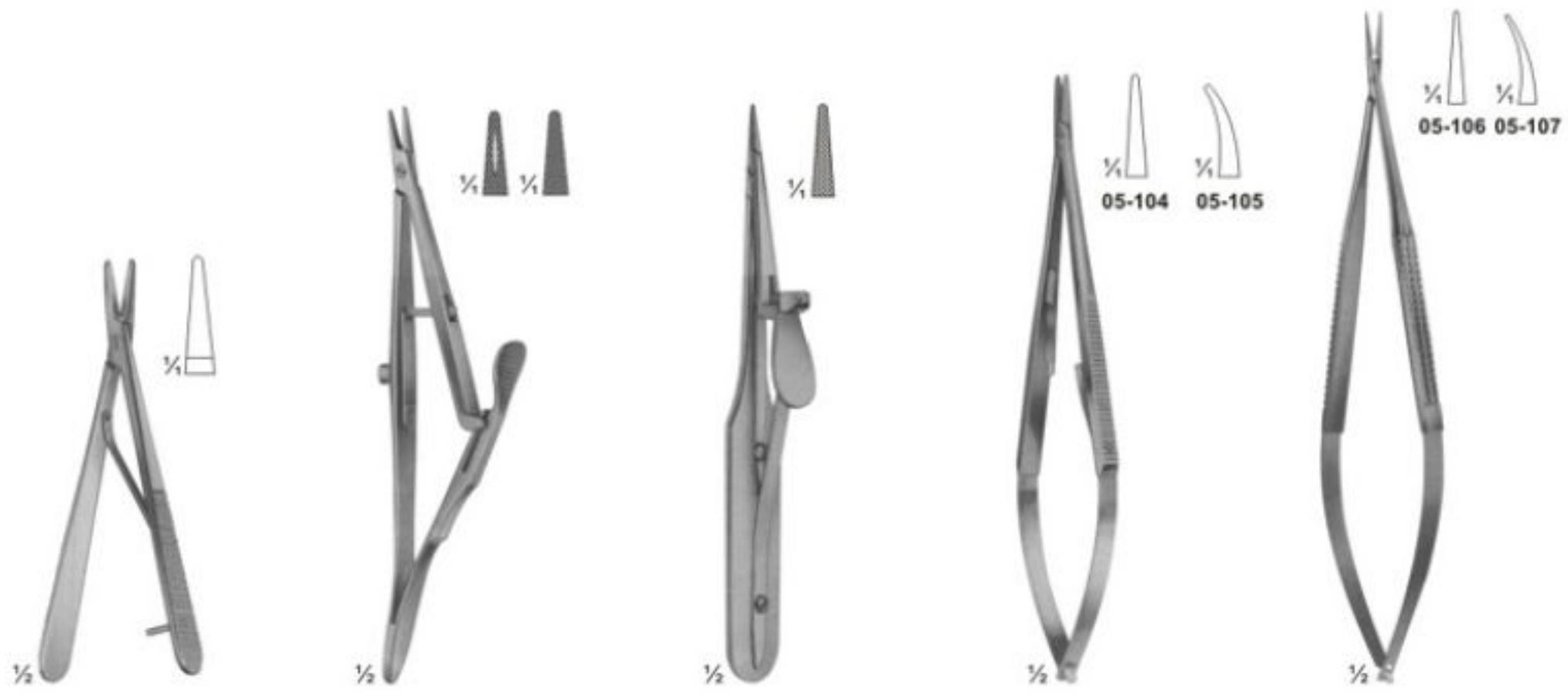


04-518
WERTHEIM-CULLEN
215 mm



04-519 - 04-520
230 mm

Needle Holders for micro surgery



Needle Holders



05-115 - 117
MAYO-HEGAR
medium fine patterns

05-118 - 121
HEGAR
heavy patterns

05-122
HEANEY (HEGAR)
200 mm



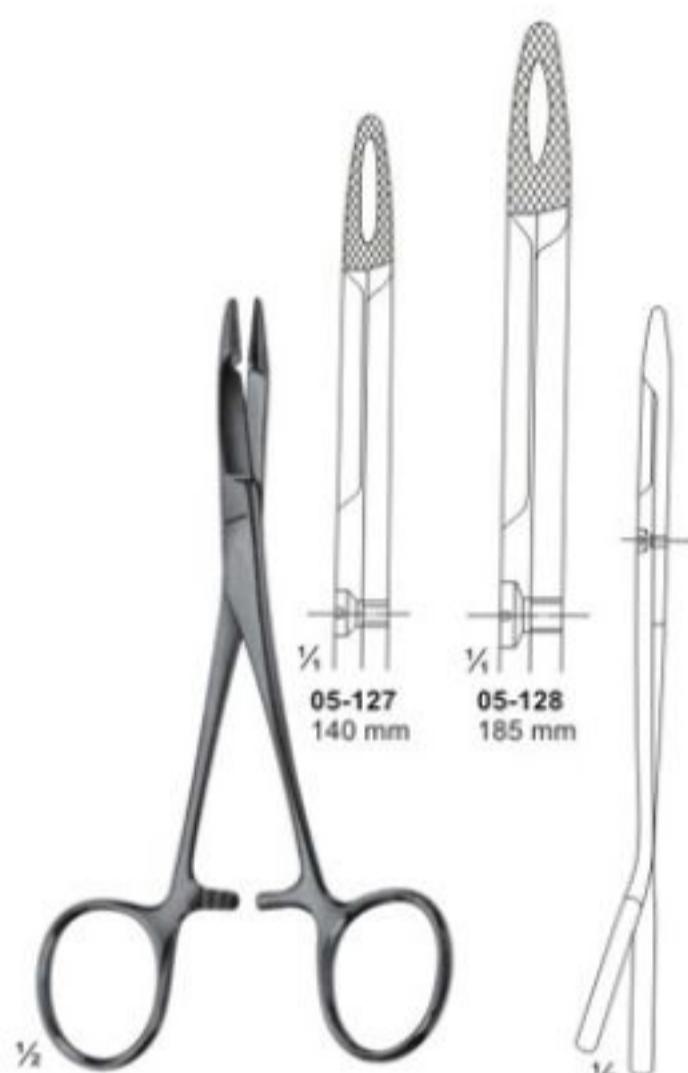
05-123
JAMESON
230 mm

05-124
WANGENSTEEN
275 mm

05-125
MASSON
265 mm

05-126
MASSON-LUETHY
255 mm

Needle Holders



05-127 - 128
HEGAR-OLSEN
255 mm



05-129
GILLIES
150 mm

05-130
GILLIES
160 mm



05-131
EISELSBERG
115 mm



05-132
SCHOEMAKER-LOTH
125 mm



05-133
CRILE
150 mm

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

Needle Holders



05-135 - 05-137
MATHIEU

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

05-140
BOYNTON
125 mm

05-141
EISELSBERG-MATHIEU
For palate suture
195 mm

05-142 - 05-143



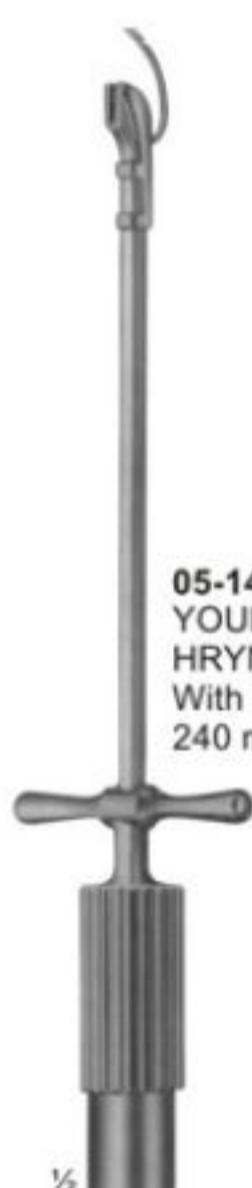
05-144



05-145



05-146



05-147
YOUNG-
HRYNTSCHAK
With 1 needle
240 mm

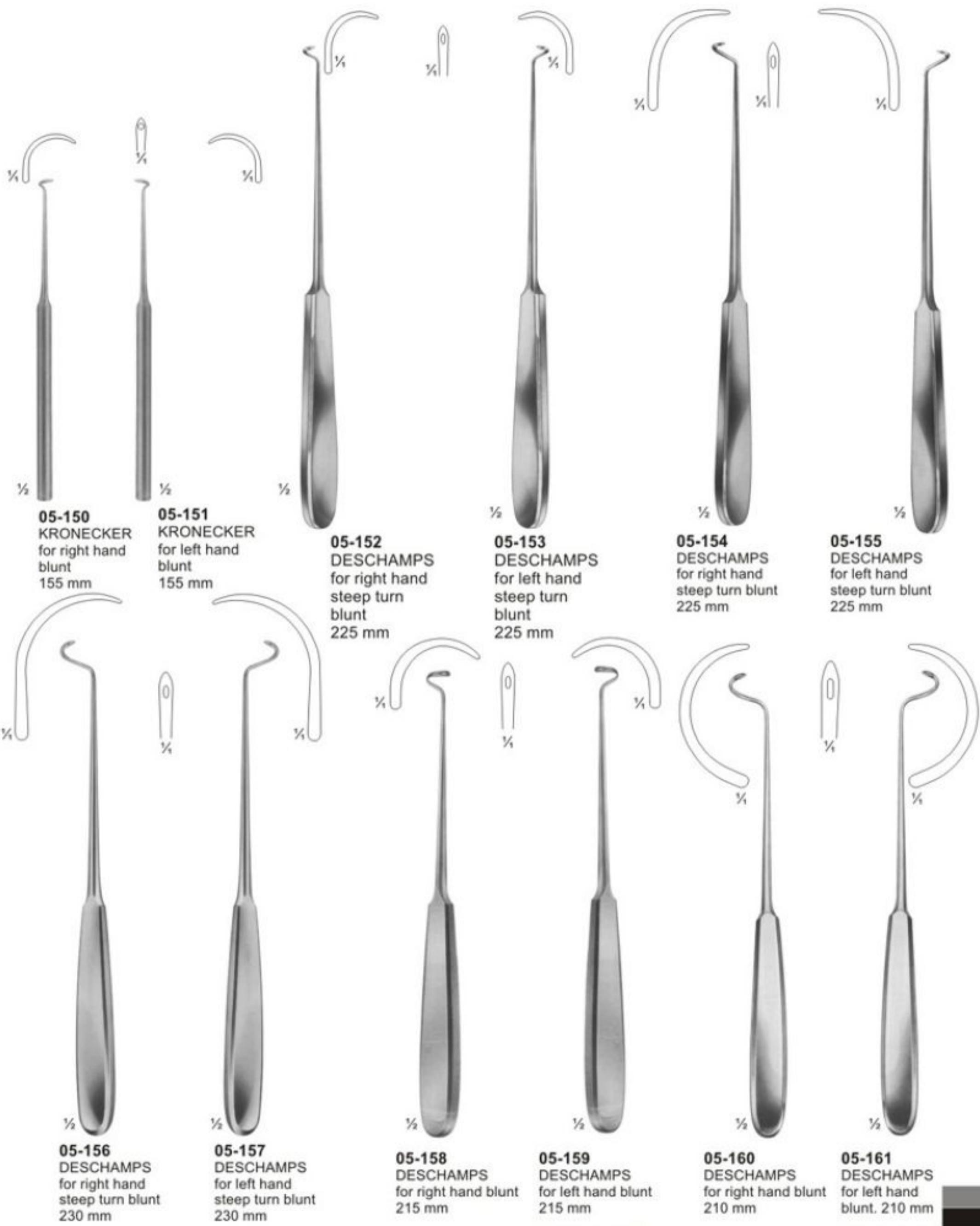


05-148
YOUNG-MILLIN
With 1 needle
200 mm



05-149
MILLIN
Ligature holding
forceps. 245 mm

Suture Instruments - Reverdin Needles



Probes



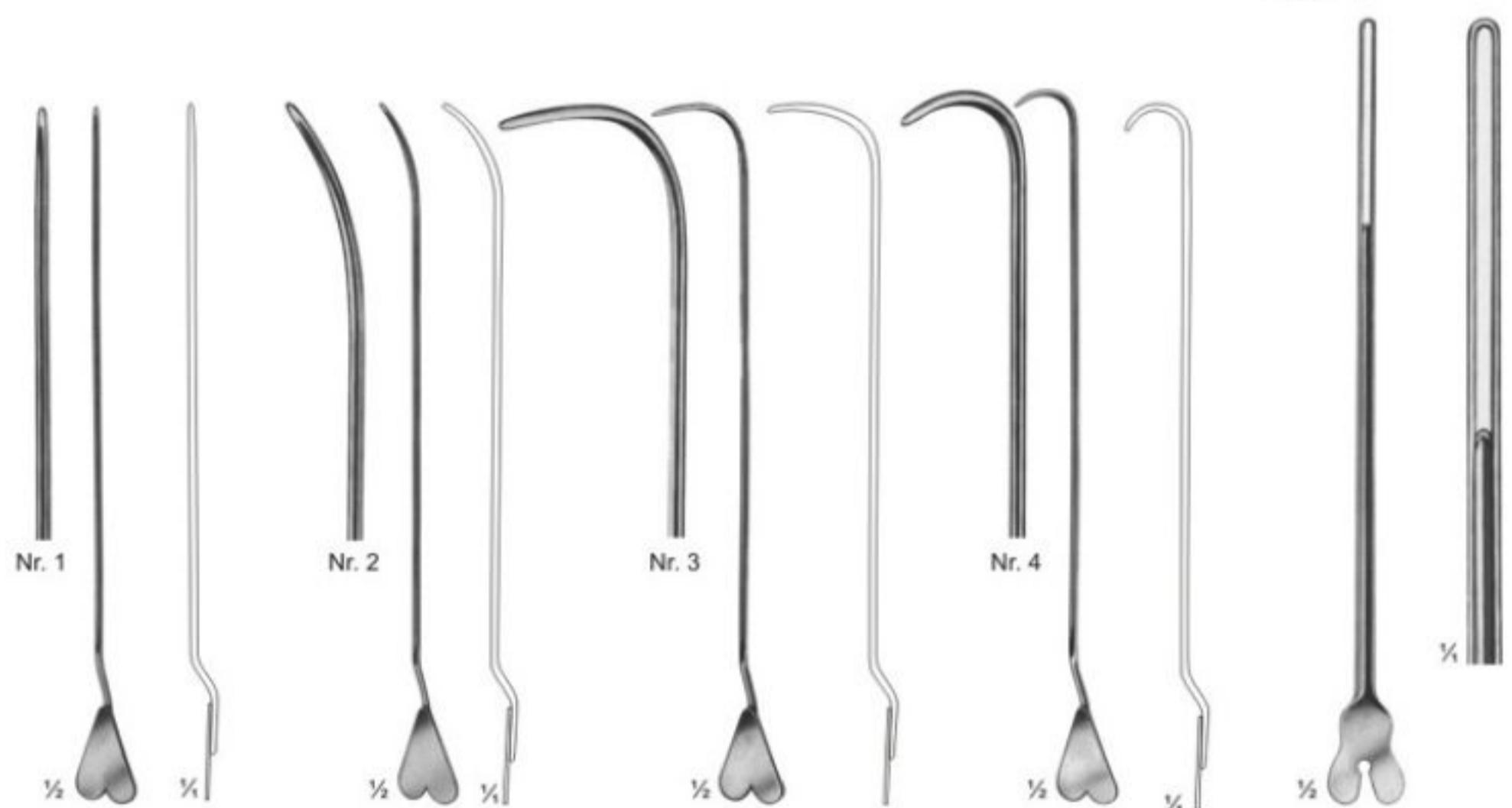
05-162 130 mm
05-163 145 mm
05-164 160 mm
Directors

05-165
DOYEN
145 mm
Directors

05-166
NELATON
160 mm
Directors

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

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



05-169
LOCKHART-MUMMERY
165 mm

05-170
LOCKHART-MUMMERY
165 mm

05-171
LOCKHART-MUMMERY
165 mm

05-172
LOCKHART-MUMMERY
165 mm

05-173
Director with wire
loop, malleable
190 mm

Probes

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



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

1,5 mm



05-177
Myrtle leaf probe
145 mm

2,0 mm



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



05-183
Probes

05-184 $\frac{1}{2}$
Double ended probe,
malleable, diam. of tips
3 mm with hole
190 mm



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



05-186 $\frac{1}{4}$
Double ended probes,
tin, malleable,
diam. of tips 4 mm
400 mm



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



Suturing Instrument Set, Pocket Instrument Set



05-190

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



05-191

Pocket instrument set, in metal case
consisting of:

Bottom tray

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



05-192

Pocket instrument set, in metal case
consisting of:

Bottom tray

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

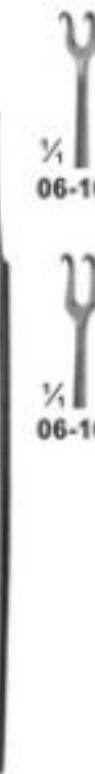
Top tray

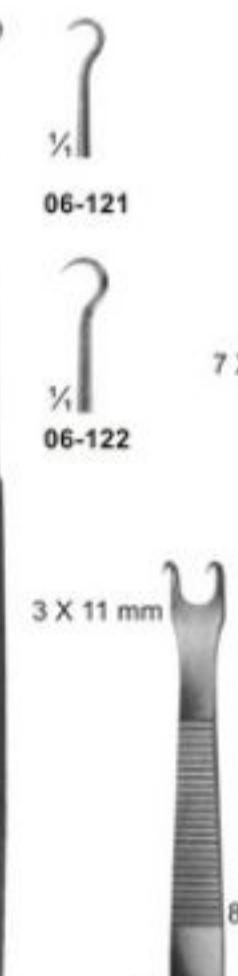
1 Tissue forceps, 130mm
1 KOCHER haemostatic forceps, 130mm
1 Straight surgical scissors, 130mm
1 Dissecting forceps, 130mm
1 FEILCHENFELD splinter forceps, 115mm
25 MICHEL clip, 16 x 3mm
1 Flacon of suture skin, sterile in alcohol

Top tray

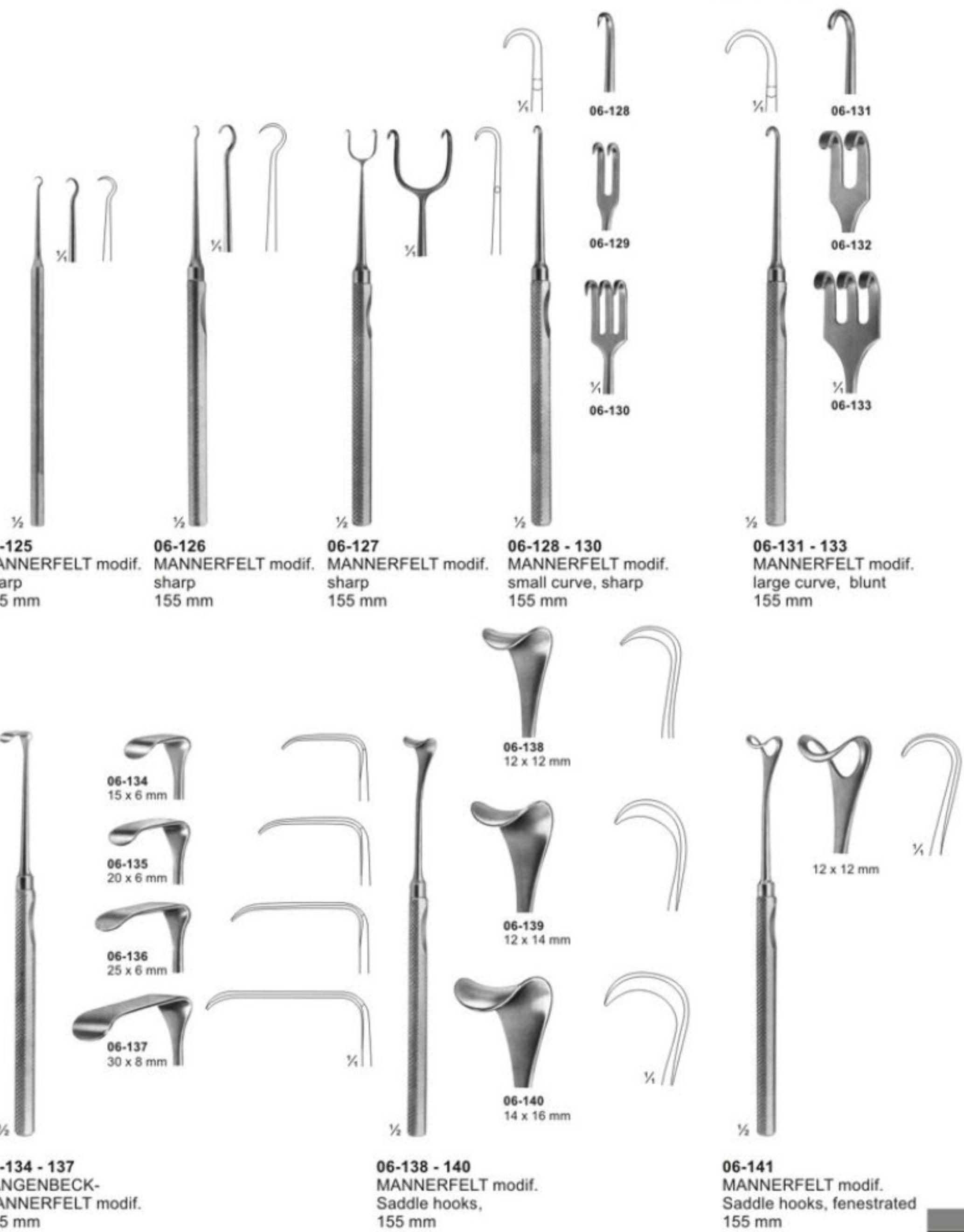
1 Tissue forceps, 130mm
1 CRILE haemostatic forceps, 140mm
1 Straight surgical scissors, 130mm
1 Dissecting forceps, 130mm
1 FEILCHENFELD splinter forceps, 115mm
25 MICHEL clip, 16 x 3mm
1 Flacon of suture silk, sterile in alcohol

Fine Wound Retractors (Dura- and Skin Retractors)

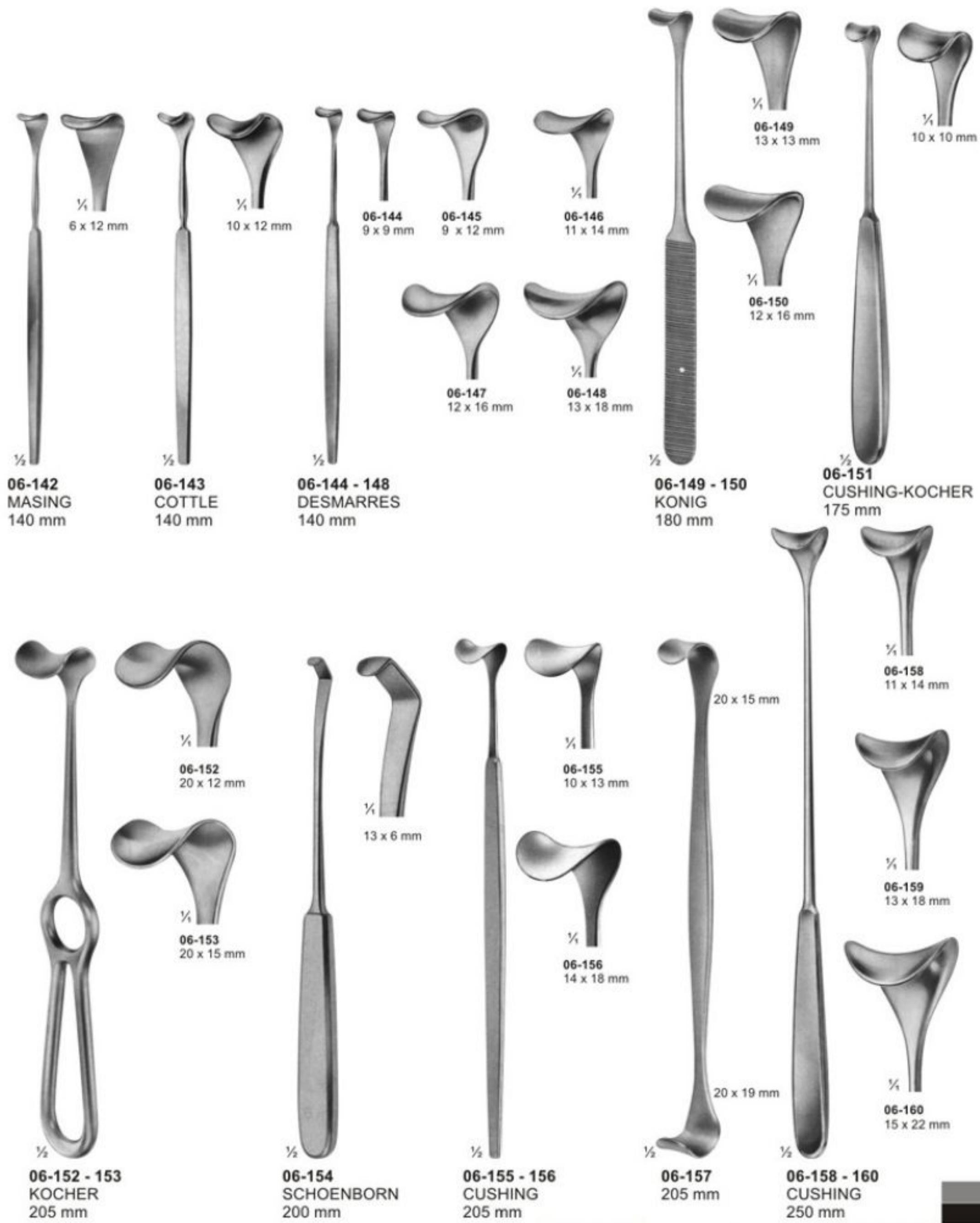
 06-101	 06-103	 06-105	 06-108	 06-109	 06-110	 06-111
1/2 06-101 Sharp 06-102 Blunt GRAEFE 125 mm	1/2 06-103 125 mm 06-104 130 mm sharp GUTHRIE	1/2 06-105 130 mm 06-106 135 mm sharp ROLLET	1/2 06-107 135 mm blunt	FRAZIER Dura retractors 130 mm	TONNIS Dura retractors 150 mm	KILNER 160 mm

 06-112 MULLER 150 mm	 06-113 MULLER 150 mm	 06-114 COTTLE 160 mm	 06-115 COTTLE 160 mm	 06-116 JAEGER 135 mm	 06-117 - 120 JOSEPH 165 mm	 06-121 - 122 GILLIES 180 mm	 06-123 KILNER sharp 80 mm	 06-124 CONVERSE blunt 120 mm
---	---	---	---	---	---	--	---	--

Retractors With triangle handle



Retractors



Retractors



06-166
CZERNY
175 mm

06-167
MATHIEU
200 mm

06-168
US-ARMY
220 mm

Retractors

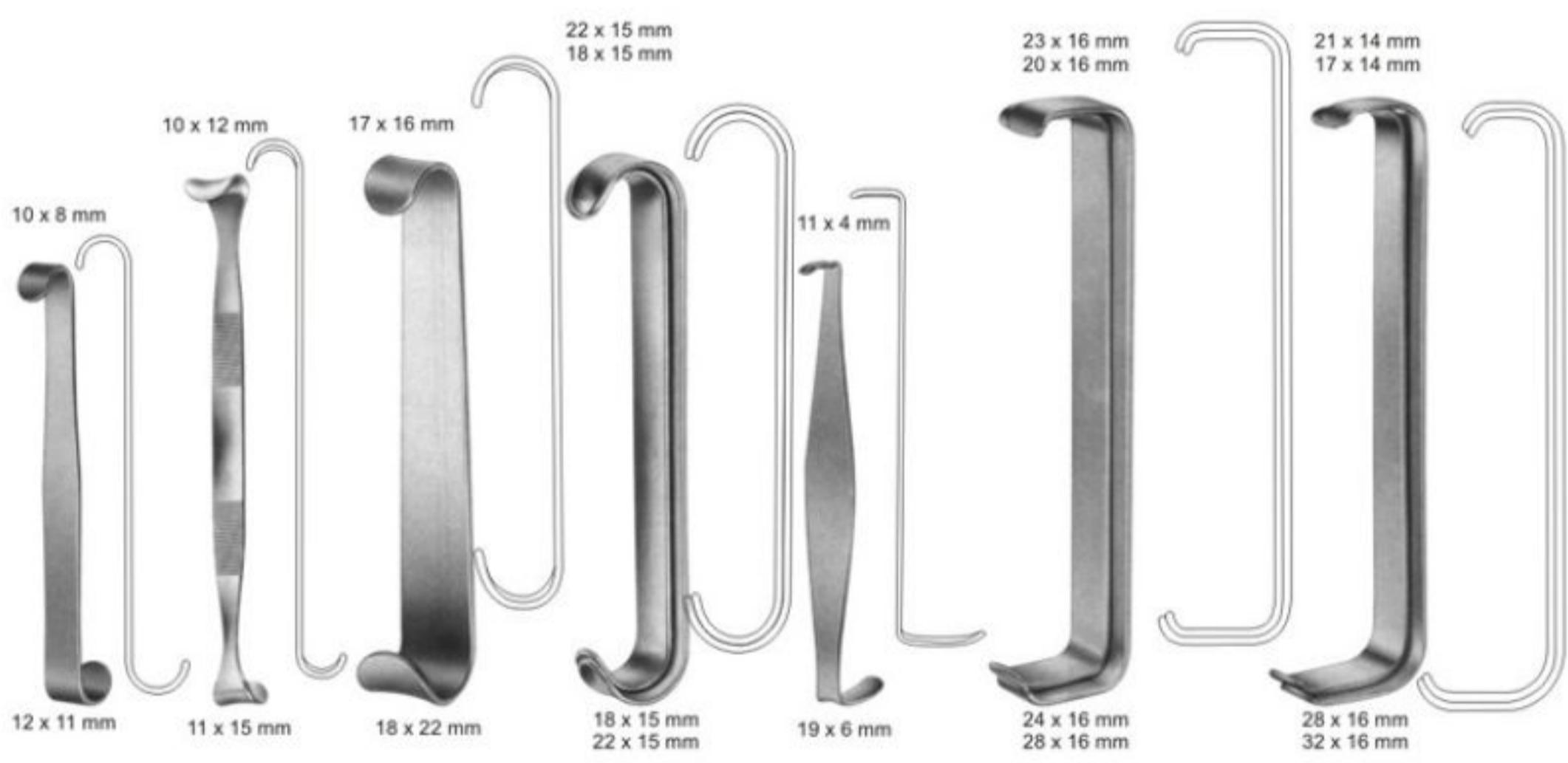


06-169 - 06-170
BABY-SENN-MILLER
155 mm

06-171
SENN-MILLER
165 mm

06-172
COLLIN-HARTMANN
150 mm

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



06-177
LUER
110 mm

06-178
ROSE
130 mm

06-179
BABY-ROUX
135 mm

06-180
PARKER
135 mm

06-181
CRILE
110 mm

06-182
FARABEUF
150 mm

06-183
COLLIN
150 mm

Bone Retractors and Retractors



06-184
KOCHE
sharp
205 mm



06-185
KOCHE
sharp
220 mm



06-186
KOCHE
sharp
220 mm



06-187
VOLKMANN
blunt
220 mm



06-188
VOLKMANN
sharp
220 mm



06-189
9 x 8 mm



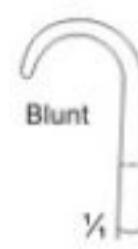
06-190
9 x 13 mm



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

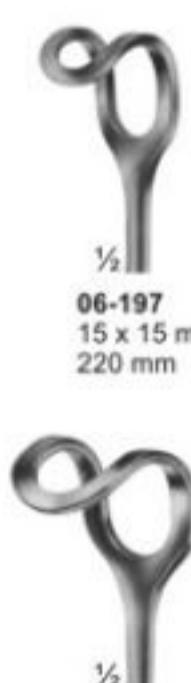


06-189 - 06-196
VOLKMANN
225 mm

Retractors



06-197
15 x 15 mm
220 mm



06-198
20 x 22 mm
215 mm



06-199
28 x 28 mm
235 mm



½



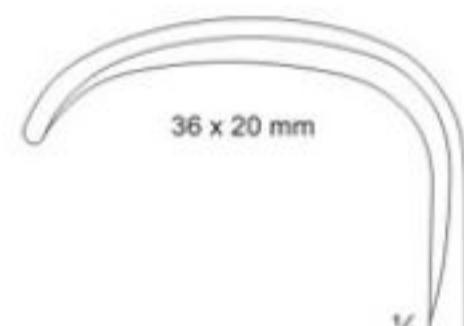
38 x 18 mm

06-200
BUCHS
205 mm



67 x 17 mm

½



36 x 20 mm

½



06-201
CASPAR
210 mm



06-202
KOCHER
230 mm



Retractors, Vario Retractor System

06-203 80 x 20 mm



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



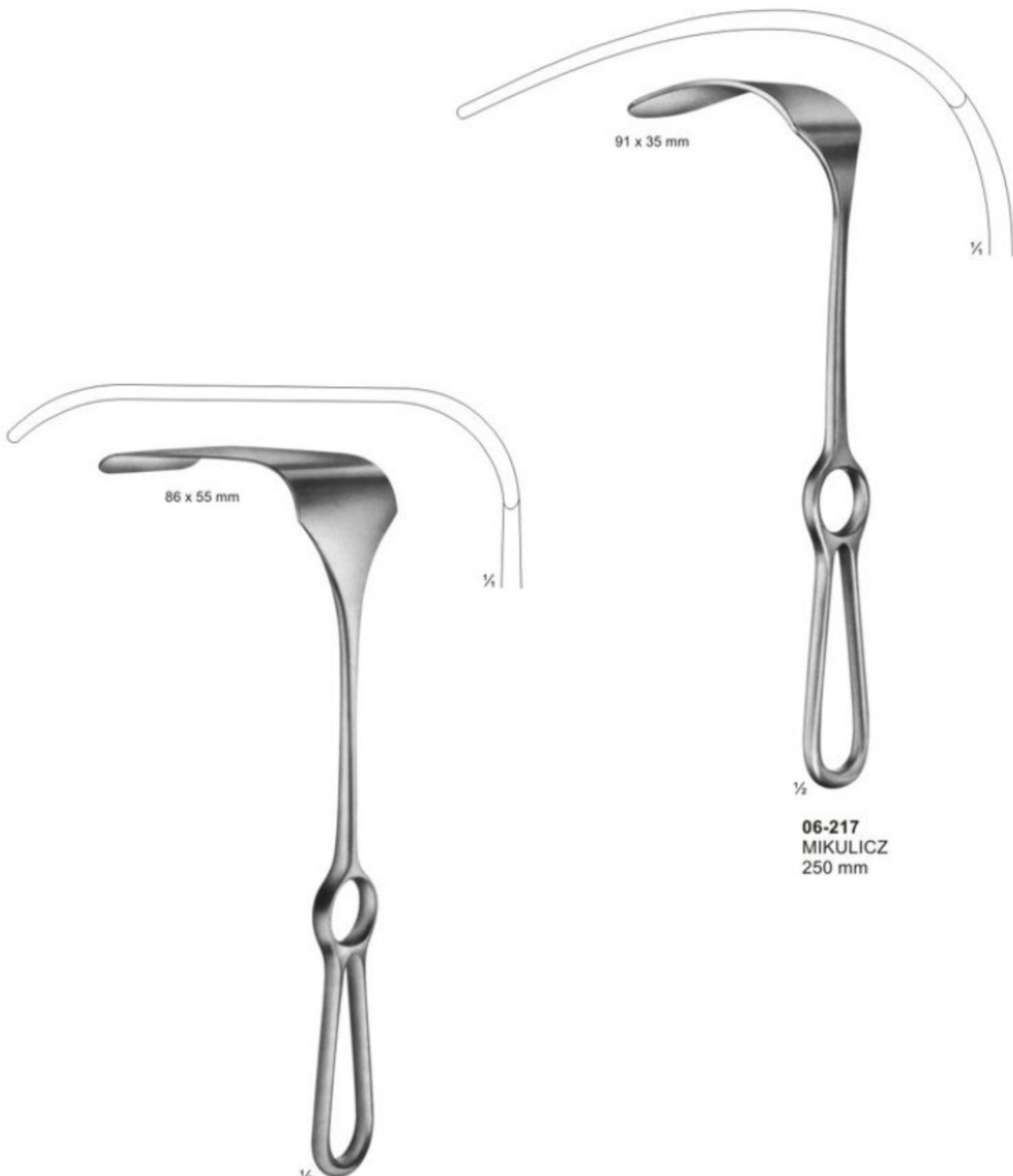
06-210
Handle with cold
light carrier for
retractor blades.
280 mm

Handle arrange-
ment verriable

Retractors, Lung Spatulas



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



06-216
MIKULICZ
255 mm

06-217
MIKULICZ
250 mm

Retractors, Abdominal Retractors



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

06-218 - 06-228
 DOYEN
 240 mm

06-229 - 06-233
 FRITSCH
 240 mm

06-234
 DOYEN
 250 mm

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

Abdominal- and Intestinal Spatulas Bauch- und Darmspatel



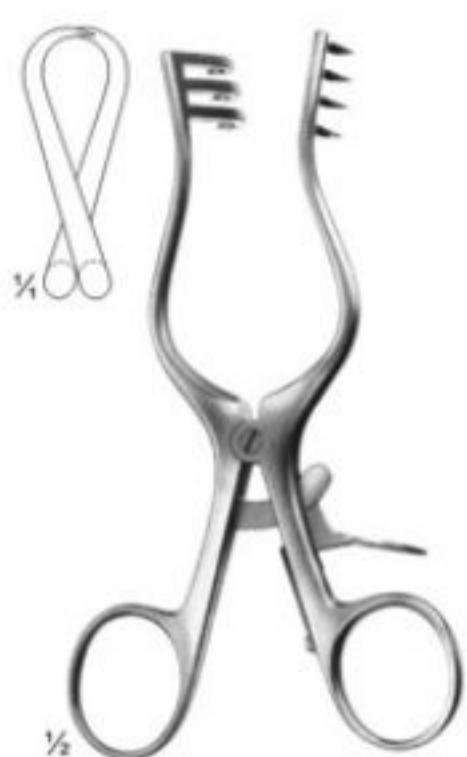
06-235
LERICHE
255 mm

06-236
KUMMEL
Mealleable
285 mm

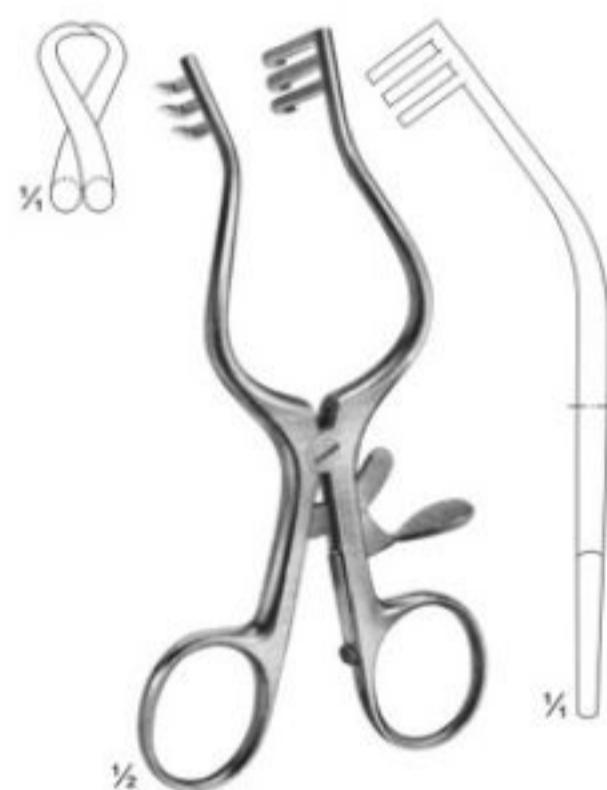
06-237
MIKULICZ
29 mm
250 mm

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

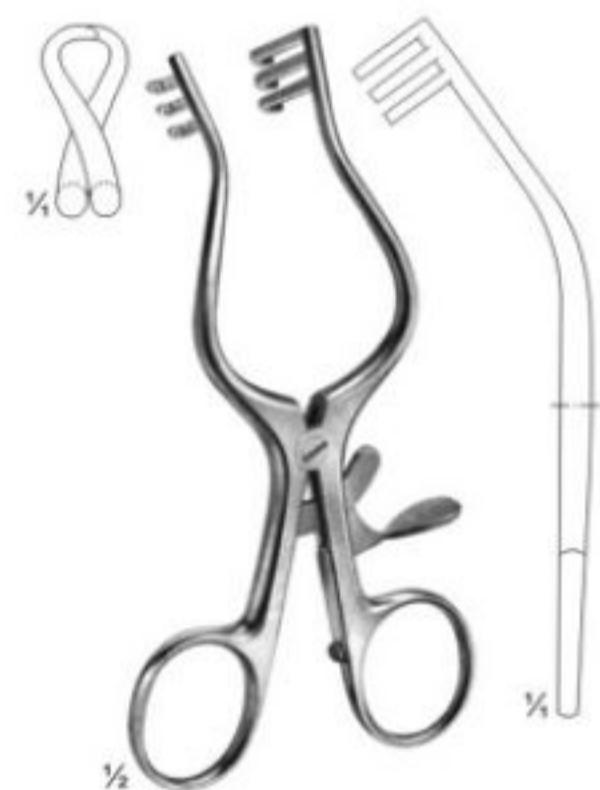
Self-Retaining Retractors



06-240
WEITLANER
sharp
130 mm



06-241
WULLSTEIN
sharp
130 mm



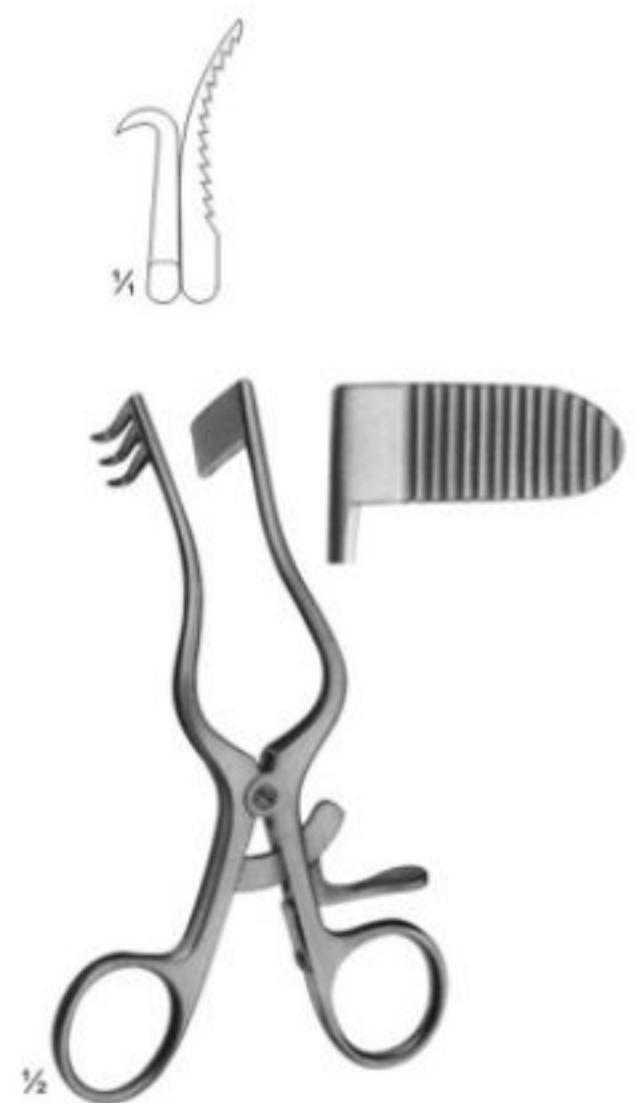
06-242
WULLSTEIN
blunt
130 mm



06-243
WEITLANER
sharp
165 mm



06-244
PLESTER
blunt
110 mm



06-245
PERKINS
130 mm

Special Retractors



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



06-247
JACKSON BURROWS
Retractor, blunt
185 mm



06-248
GELPI
Vaginal retractor
135 mm

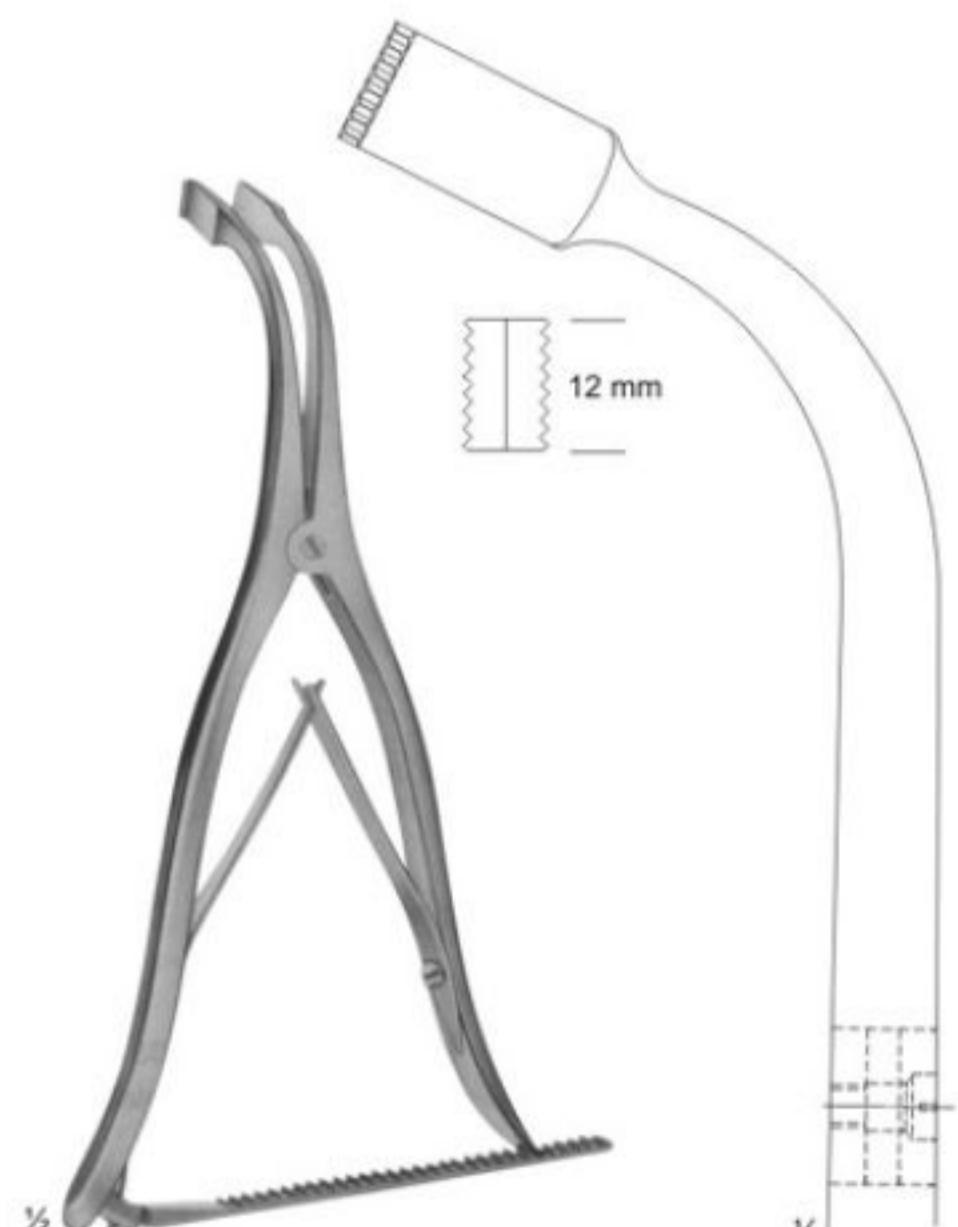


06-249
GELPI
Skin- and vaginal retractor
175 mm



06-250
DE BAKEY
Femur retractor
145 mm

Lamina Spreaders



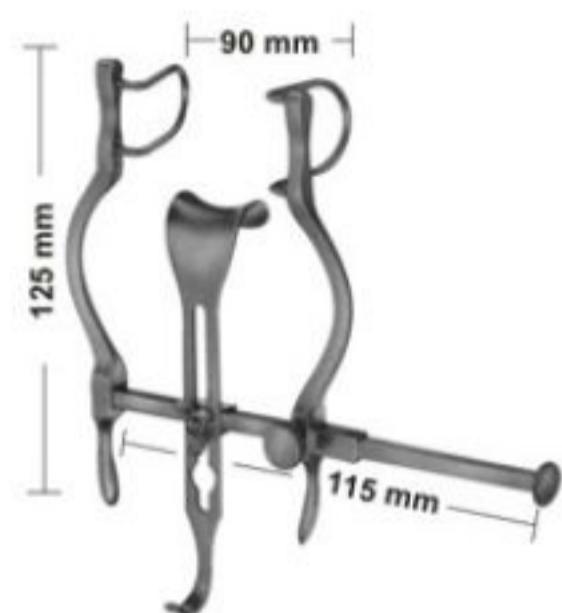
Abdominal Retractors



06-255
GOSSET
Blades:38 mm deep



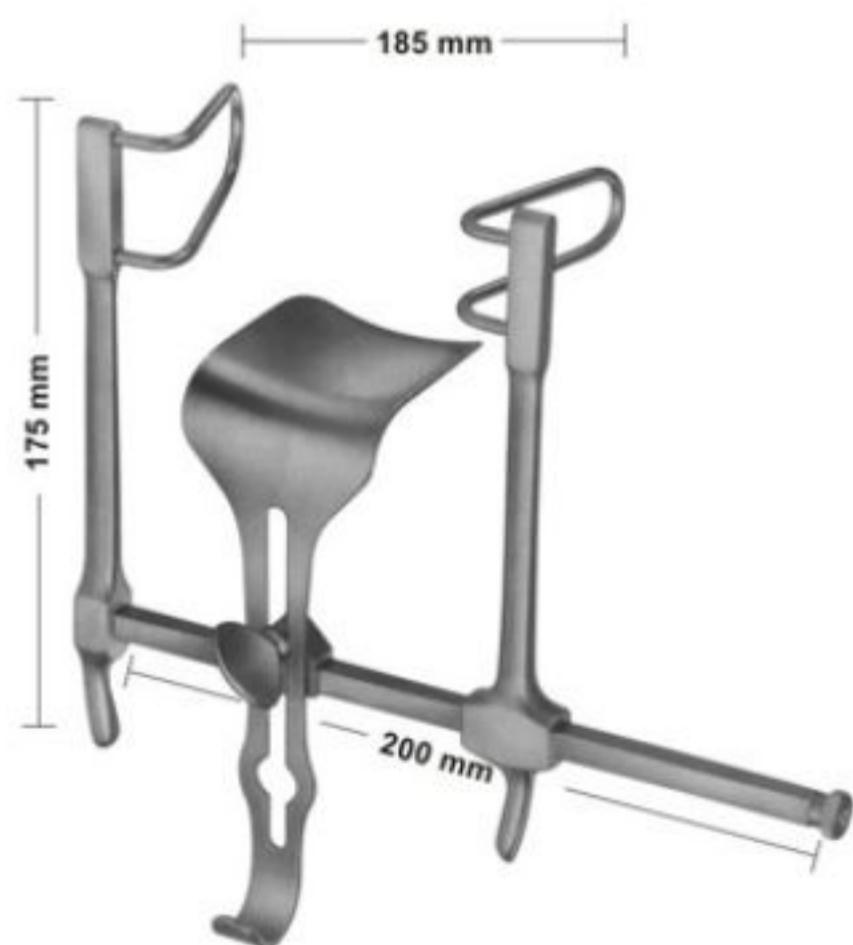
06-256
HERTZLER
Blades 20 X 25 mm



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

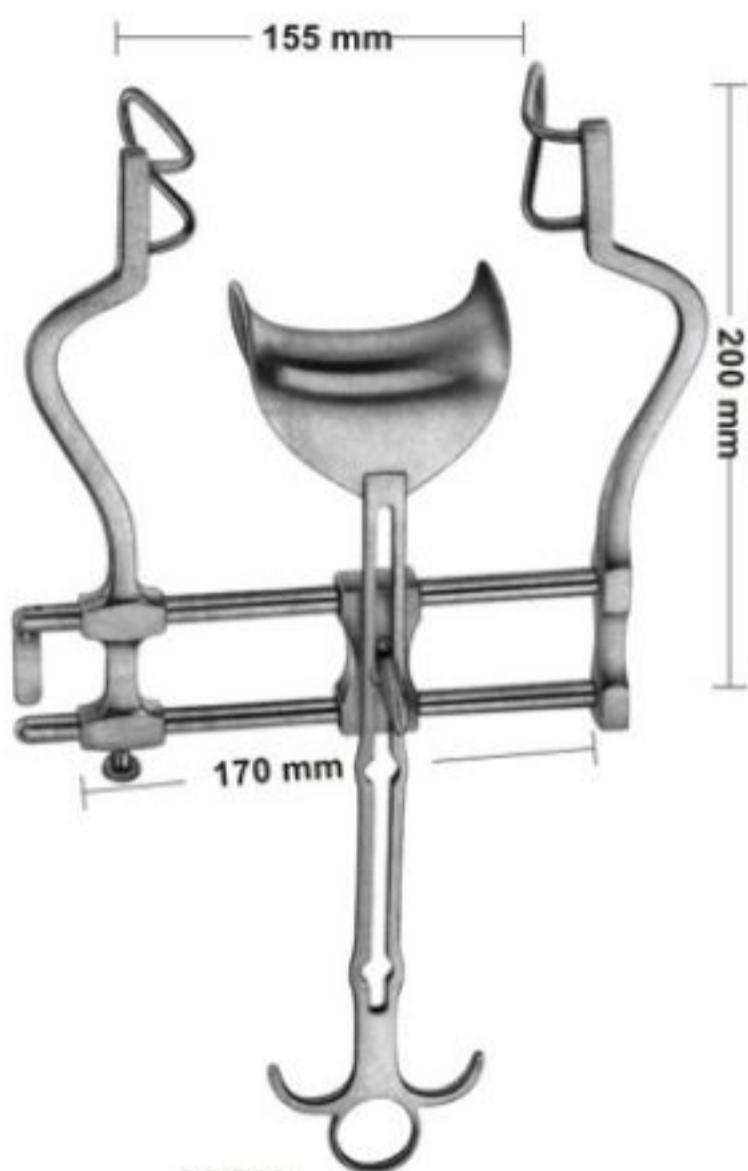


06-258
GOSSET
Blades:55mm deep

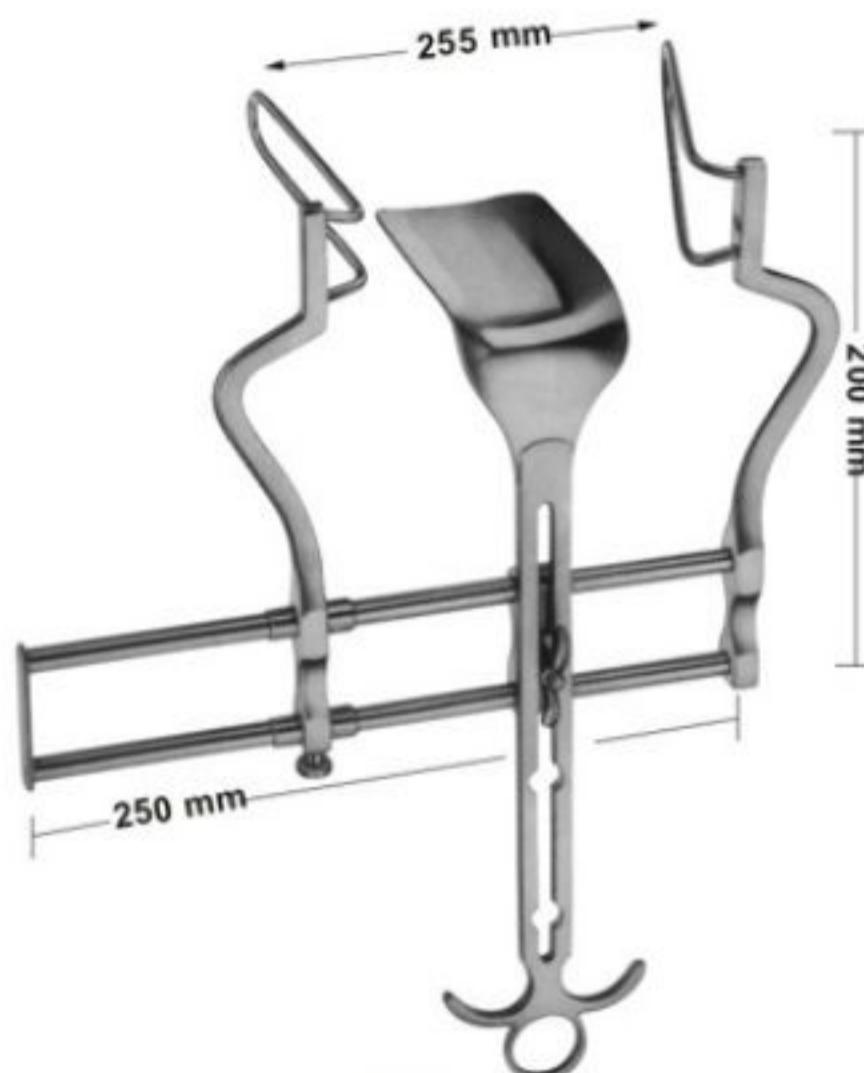


06-259
GOSSET
Lateral blades 58 mm deep
Center blade 59 x 57 mm

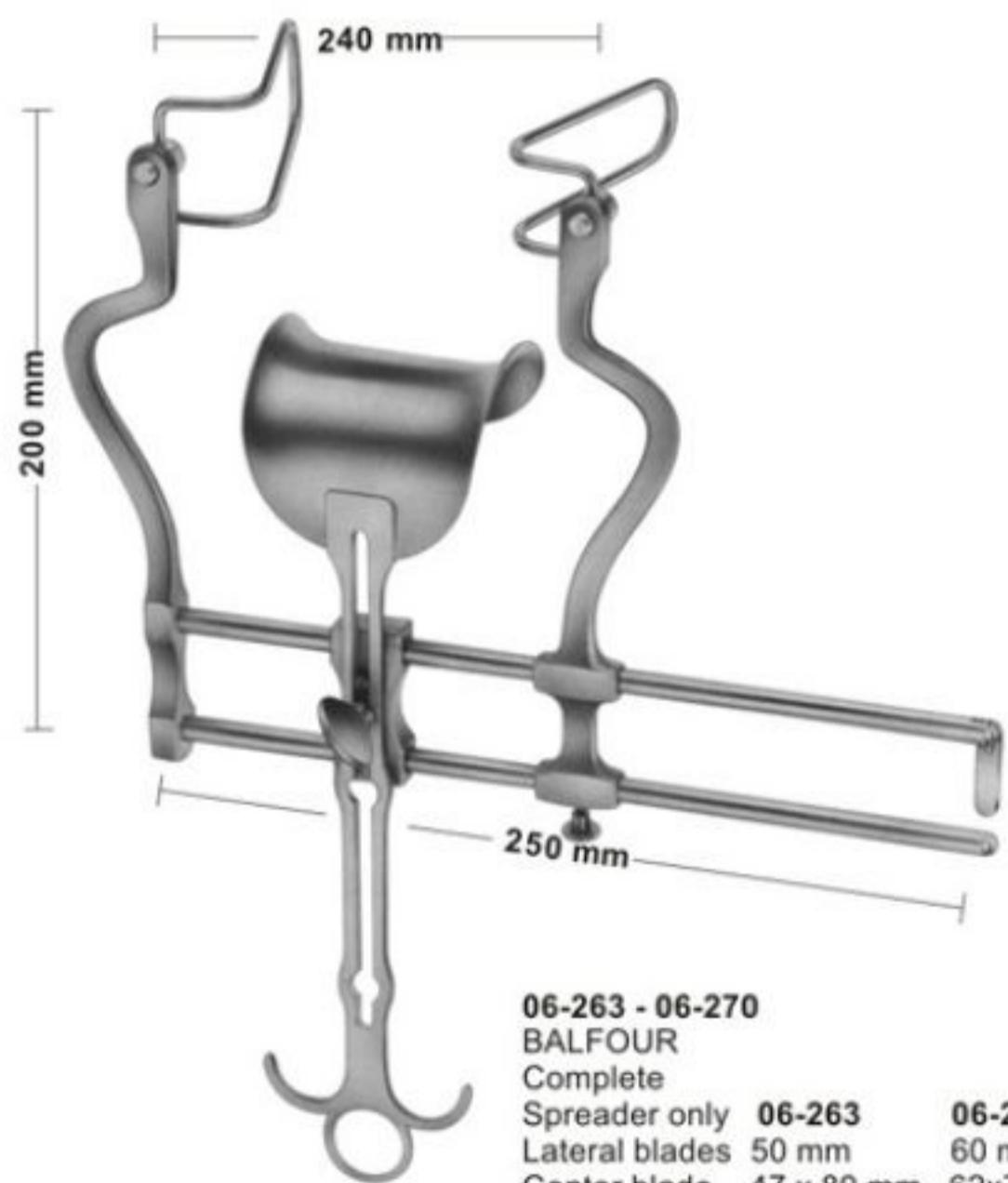
Abdominal Retractors



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



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



06-263 - 06-270
BALFOUR
Complete
Spreader only 06-263
Lateral blades 50 mm
Center blade 47 x 80 mm

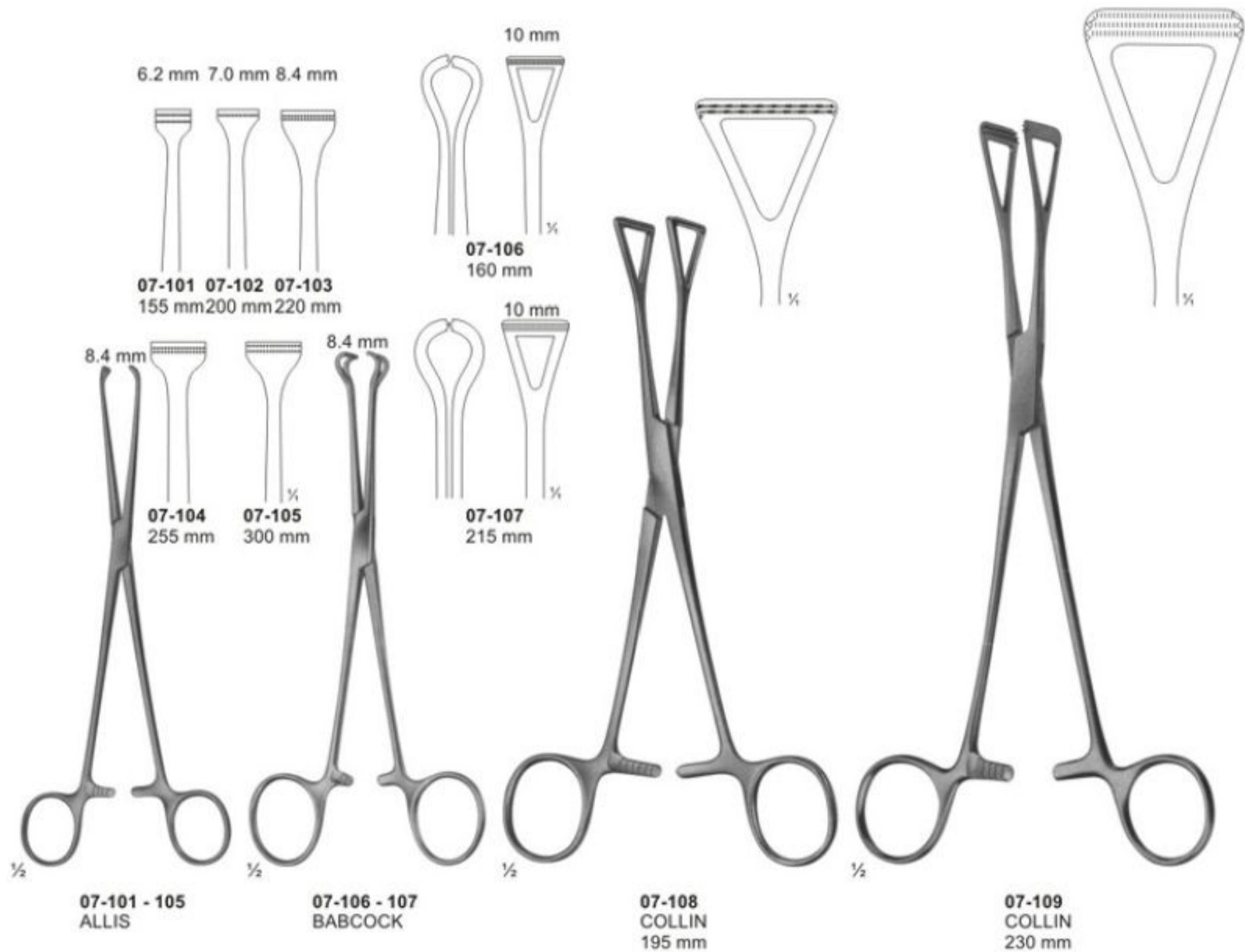
06-264
60 mm
62x76 mm

06-265
75 mm
80x80 mm

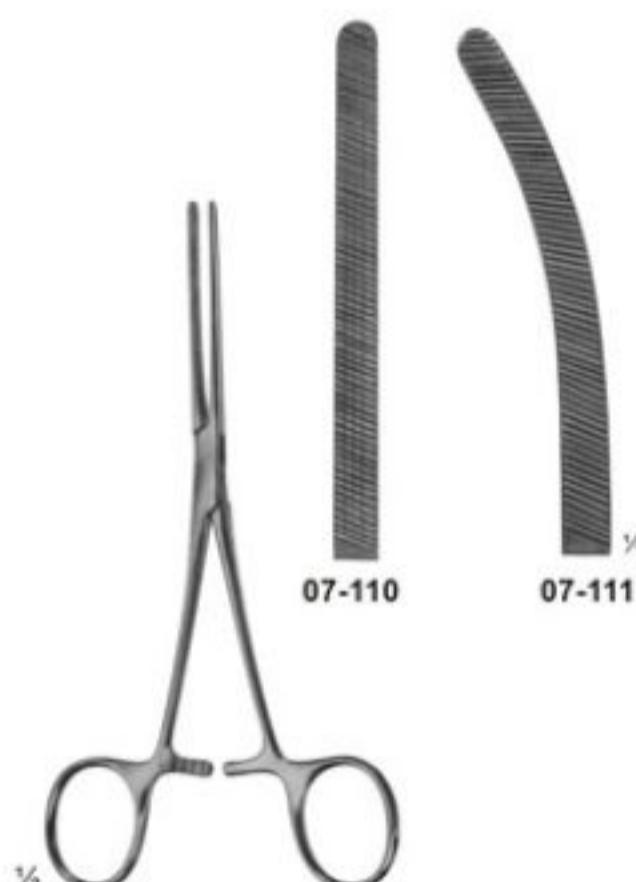
06-266
90 mm
80x80 mm

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

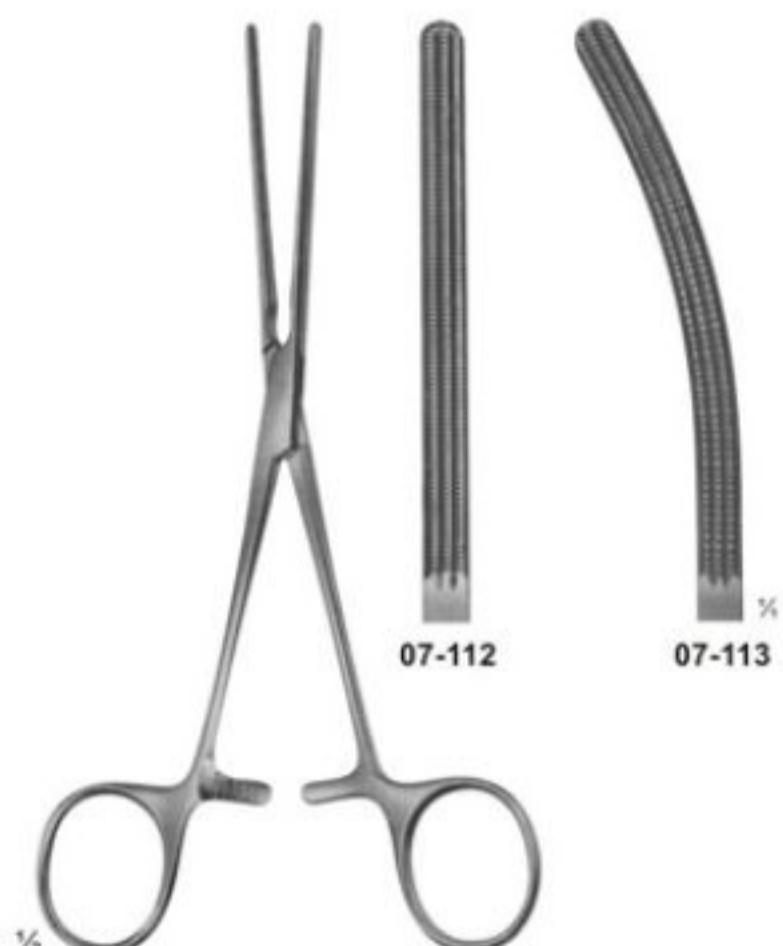
Organ-, Tissue and Intestinal Grasping Forceps



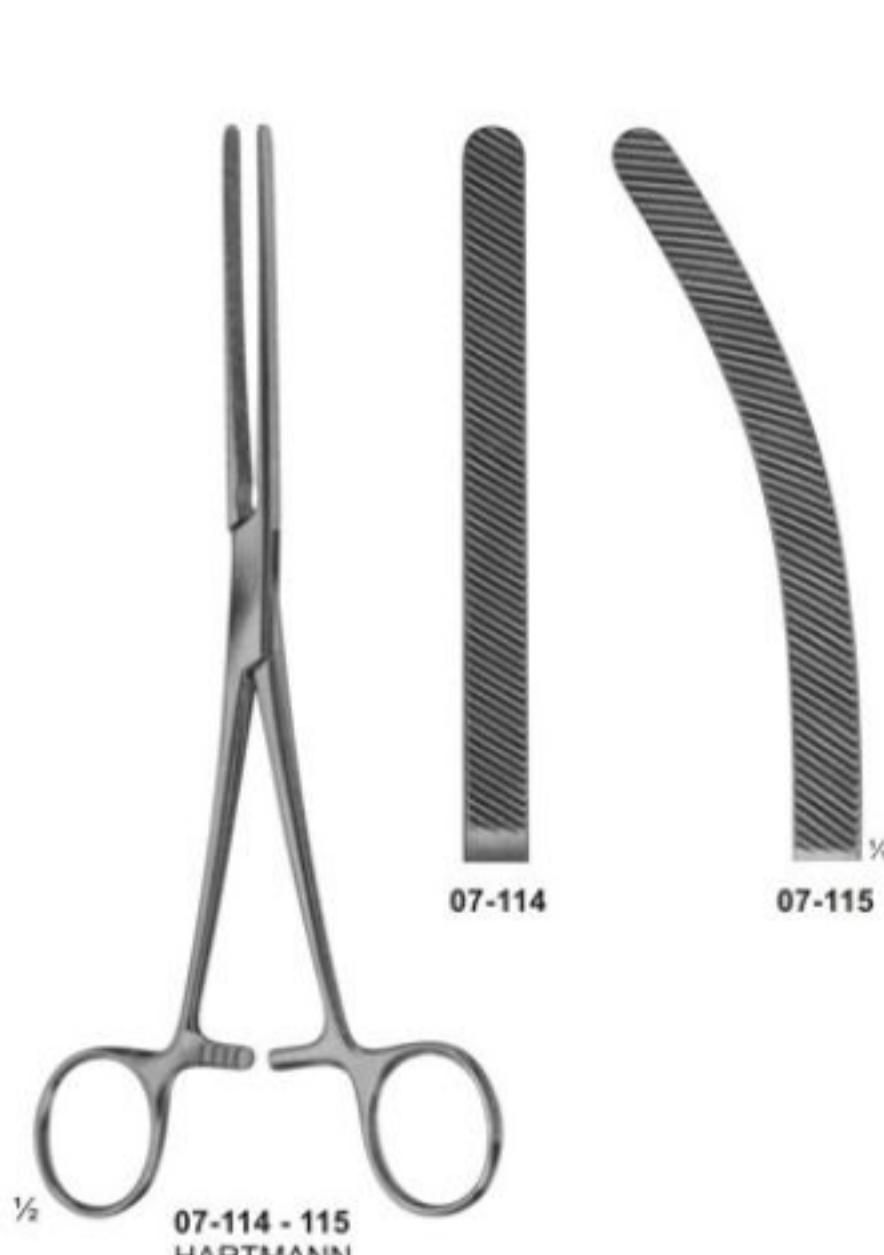
Intestinal Clamps, soft elastic



07-110 - 111
DOYEN
elastic
165 mm



07-112 - 113
DOYEN
with elastic blades
170 mm



07-114 - 115
HARTMANN
with elastic blades
200 mm



07-116 - 117
HARTMANN
with elastic blades
200 mm

Intestinal and Pylorus Clamps



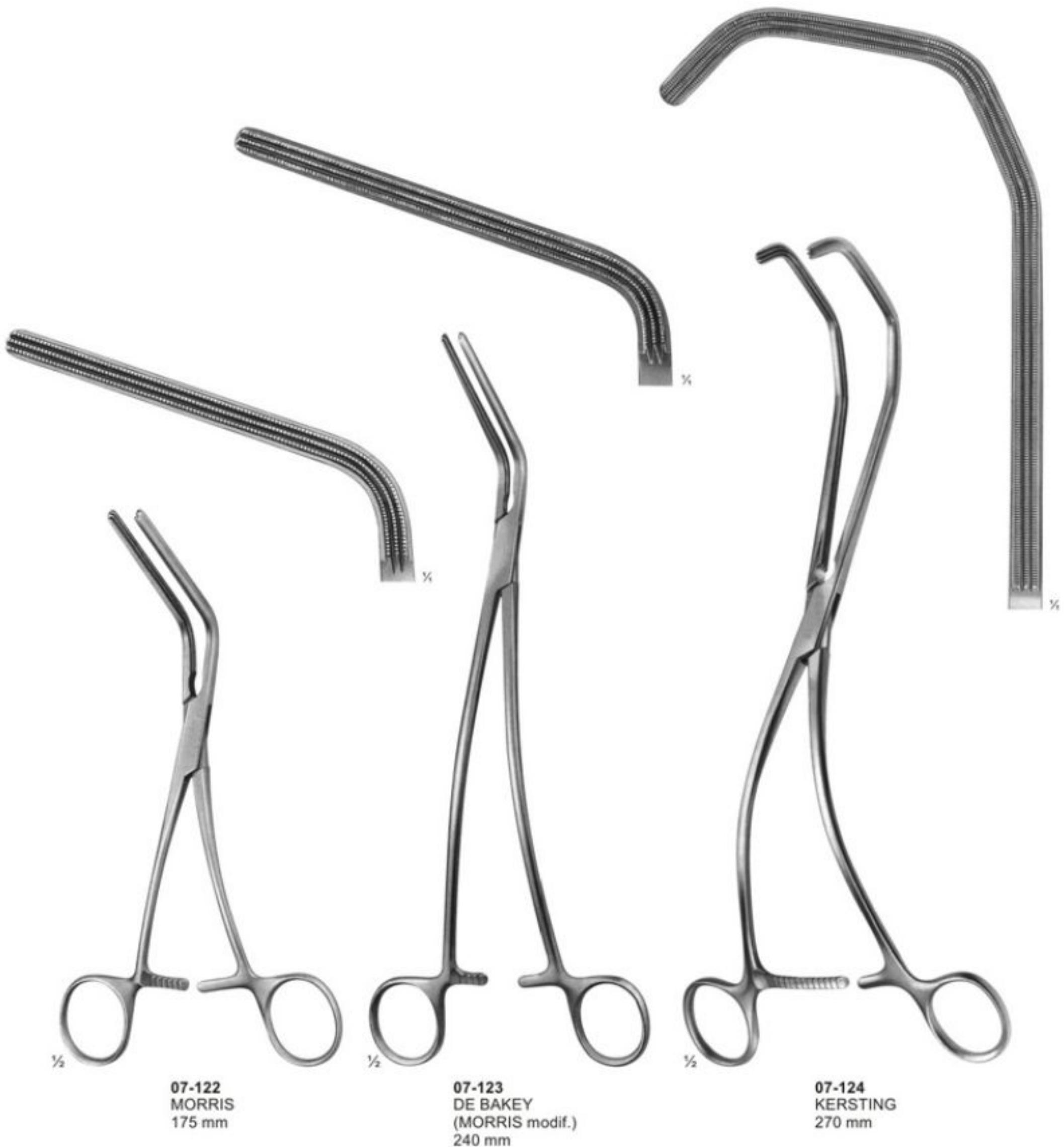
07-118
PAYR
Intestinal clamp
light pattern,
for children
180 mm

07-119
PAYR
200 mm

07-120
PAYR
275 mm

07-121
PAYR
Pylorus clamp
315 mm

ATRAUMATA
Sigmoid Anastomosis Forceps



Nasal Specula



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



08-102
SIMS
160 mm



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



08-104
Killian

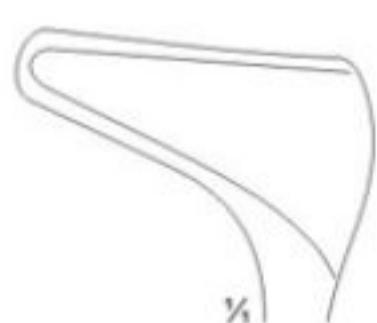
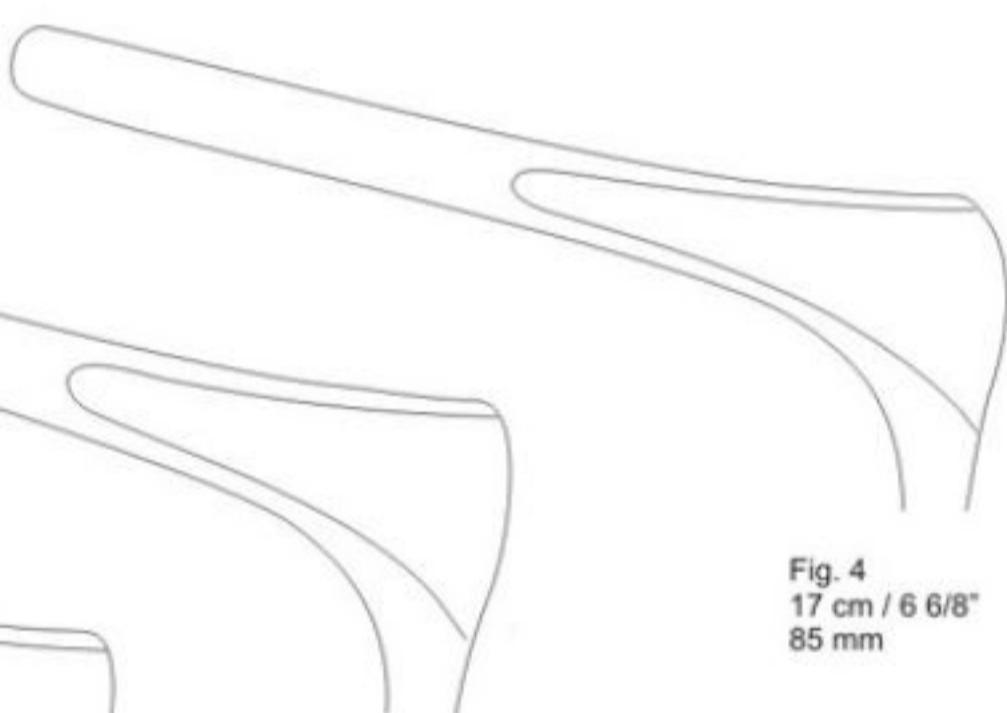


Fig. 1
14 cm 5 4/8"
35 mm

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

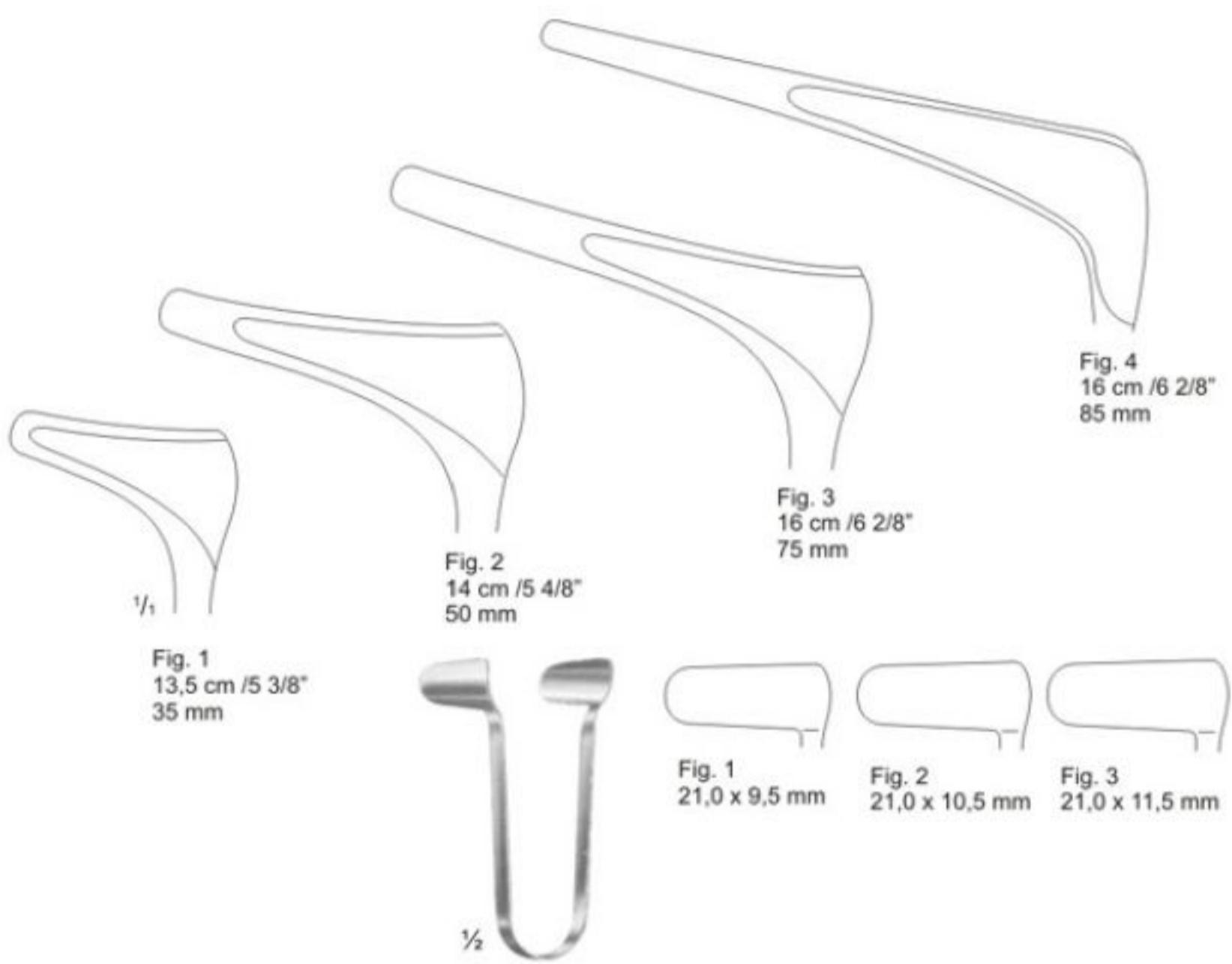
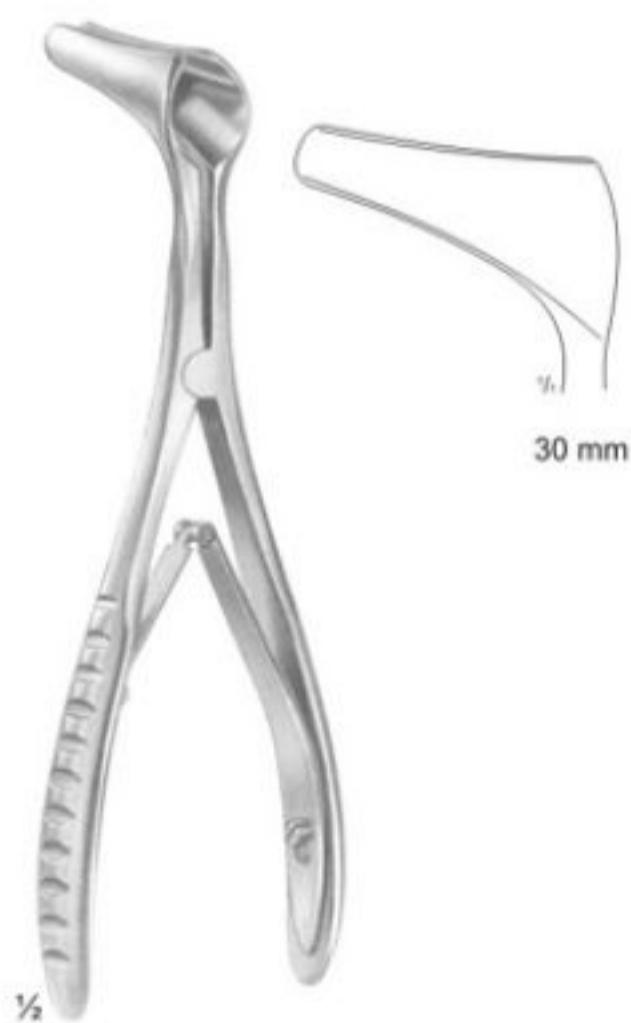
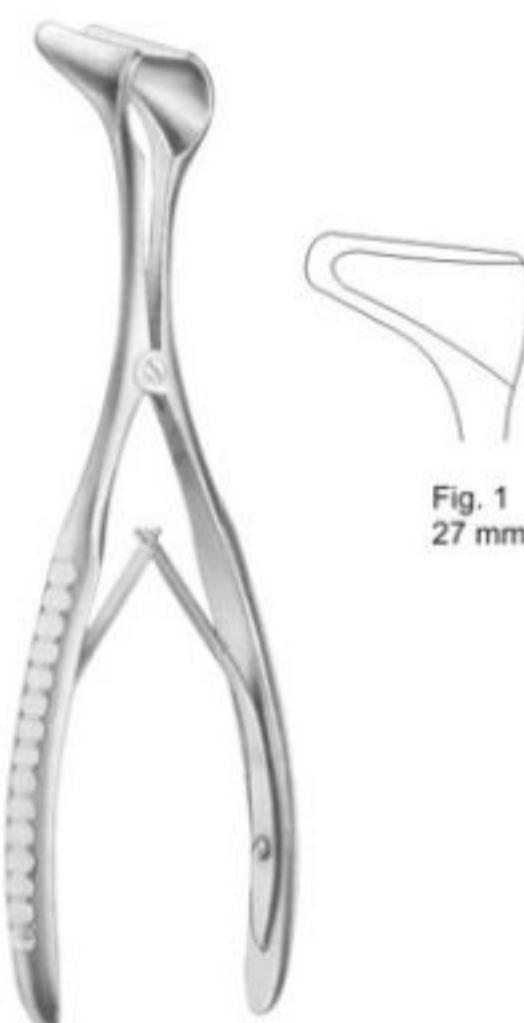


Fig. 1
21,0 x 9,5 mm
Fig. 2
21,0 x 10,5 mm
Fig. 3
21,0 x 11,5 mm

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



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



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

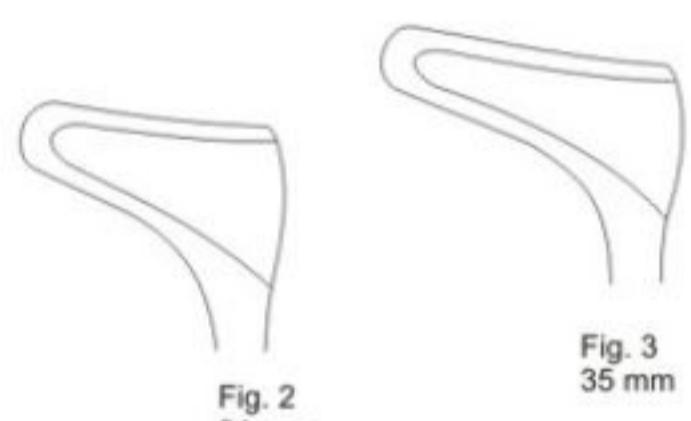


Fig. 1
27 mm
Fig. 2
31 mm
Fig. 3
35 mm

Anuscopes-Sphincteroscopes



08-109
IVES-FANSLER
Anuscops
145 mm
Ø24mm



08-110
KELLY
Sphincteroscope
160 mm
Ø21mm



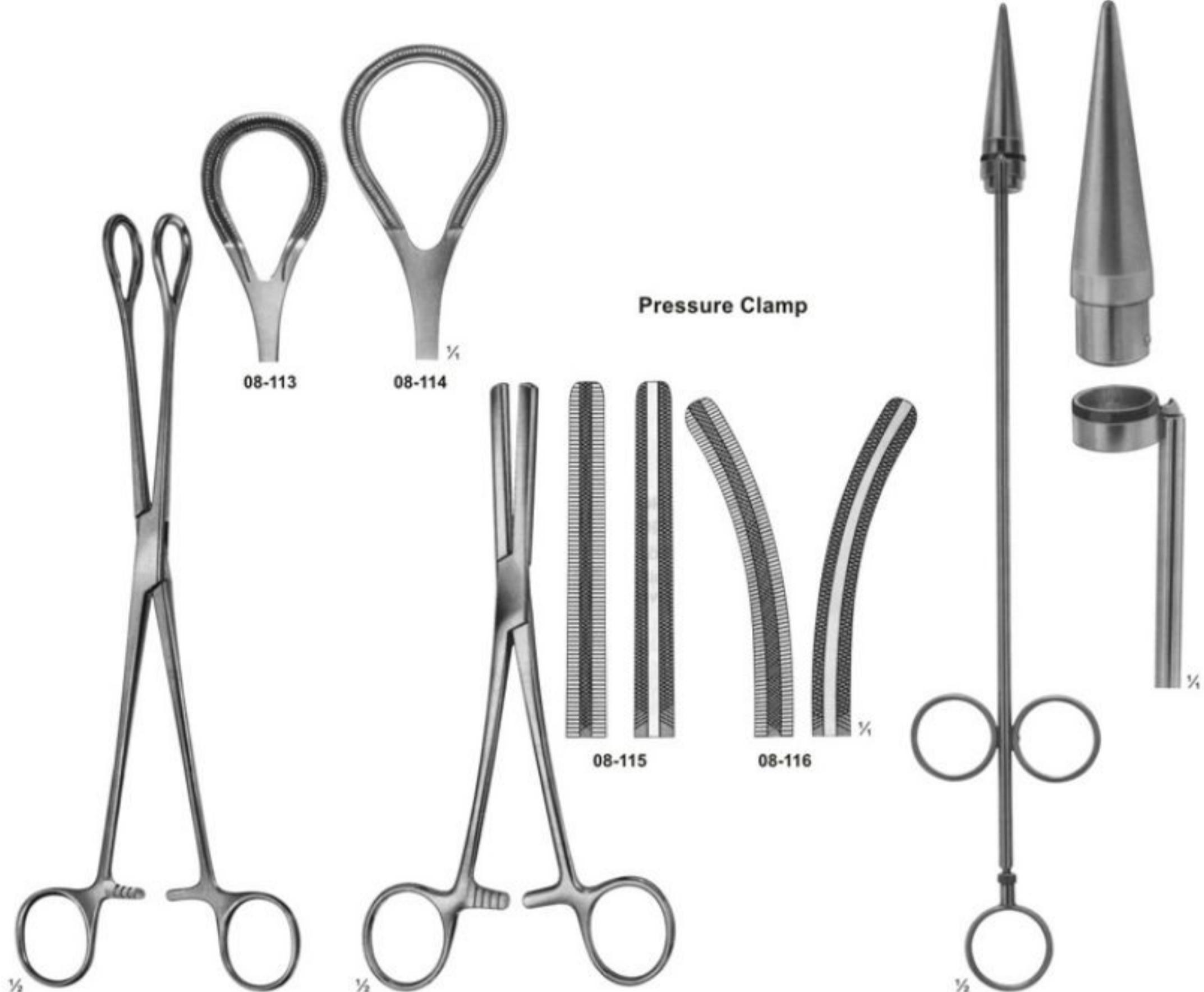
08-111
KELLY
Sphincteroscope
160 mm
Ø27mm



08-112
KELLY
Proctoscope
140 mm
Ø22mm

Haemorrhoidal Forceps

ATRAUMATA



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

08-115 - 08-116
FERGUSSON
200 mm

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

Gall Duct Forceps



08-118
LOWER
180 mm



08-119
LAHEY (SWEET)
190 mm



08-120
LAHEY
220 mm

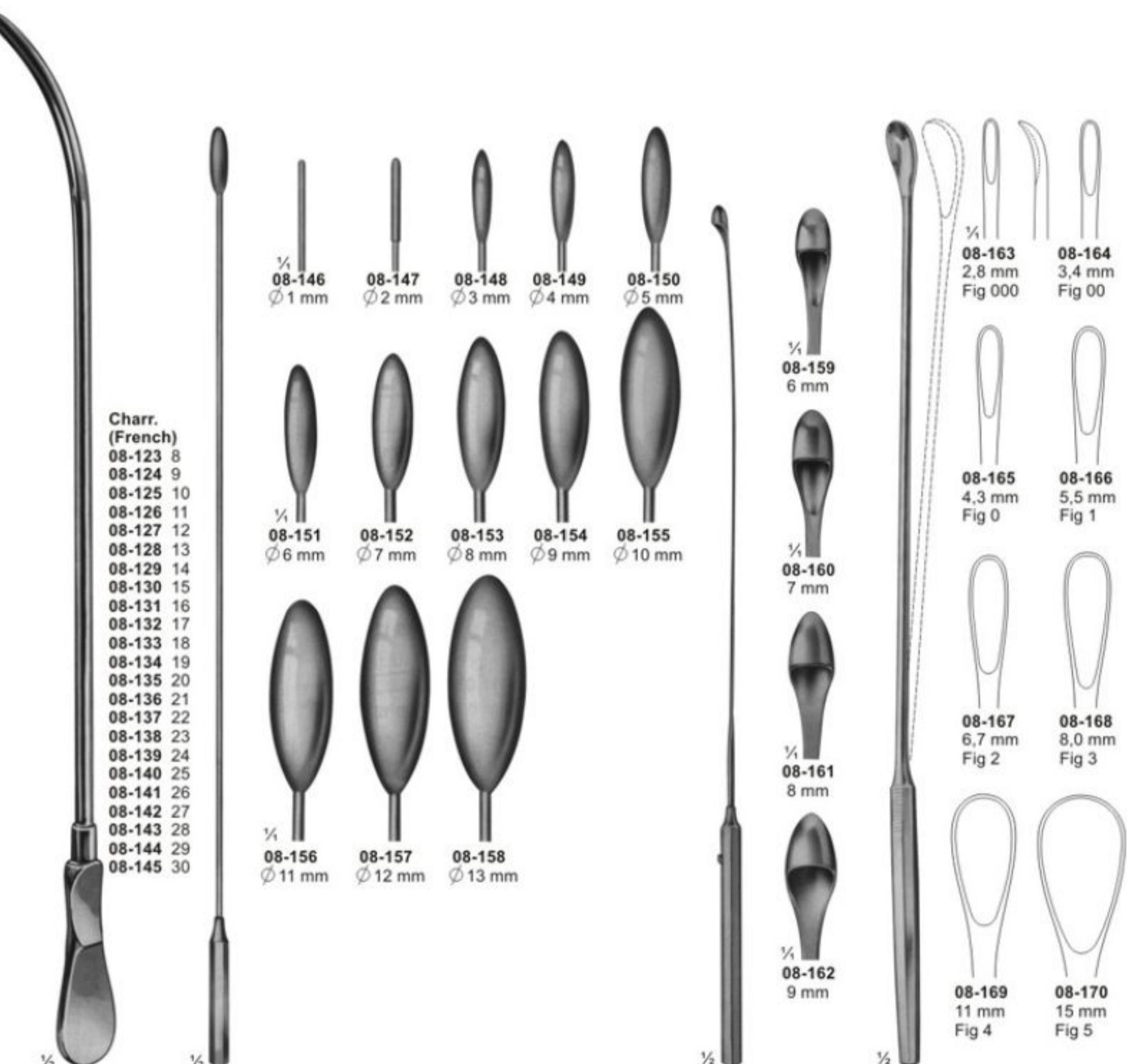


08-121
DESJARDINS
Gall duct-and cystic forceps
210 mm



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

Gall Duct Dilators and Gall Stone Scoops



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

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

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

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

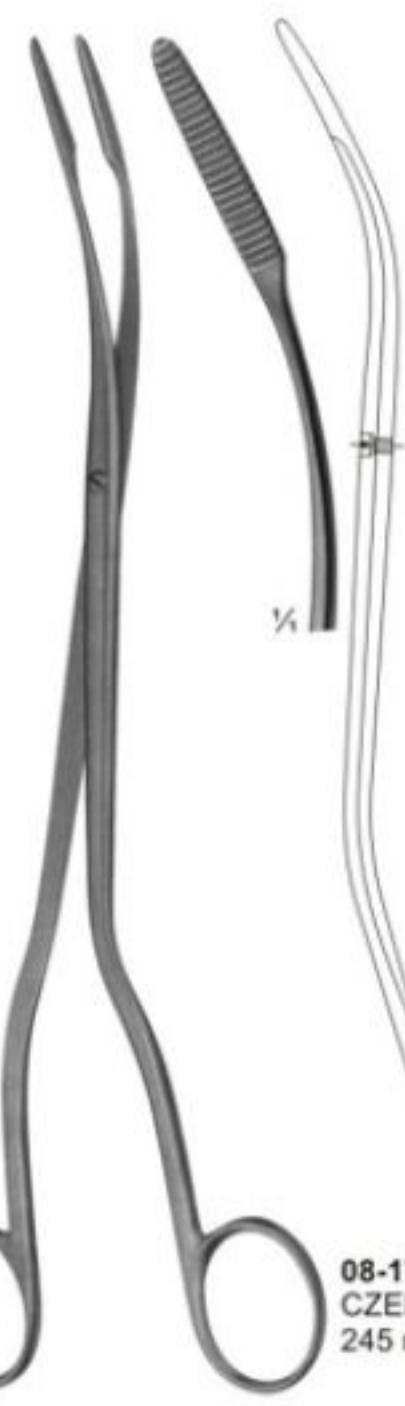
Gall Stone Forceps



08-171
BLAKE
205 mm

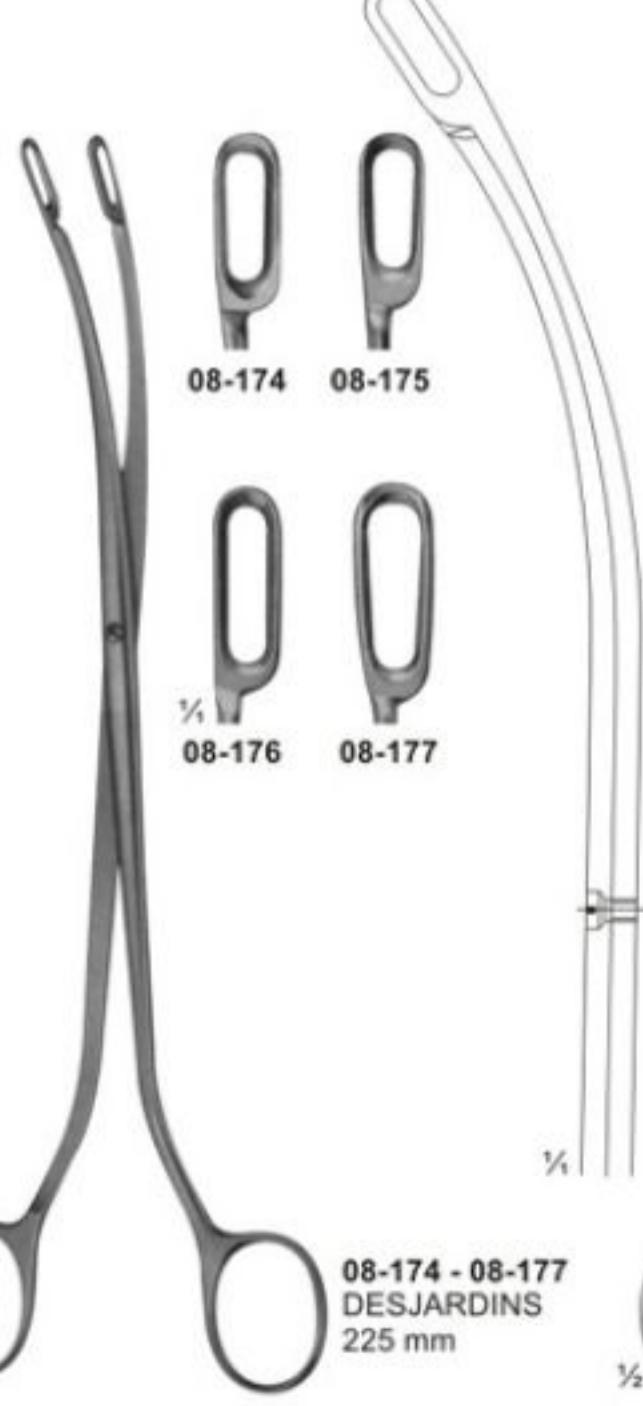


08-172
BLAKE
205 mm

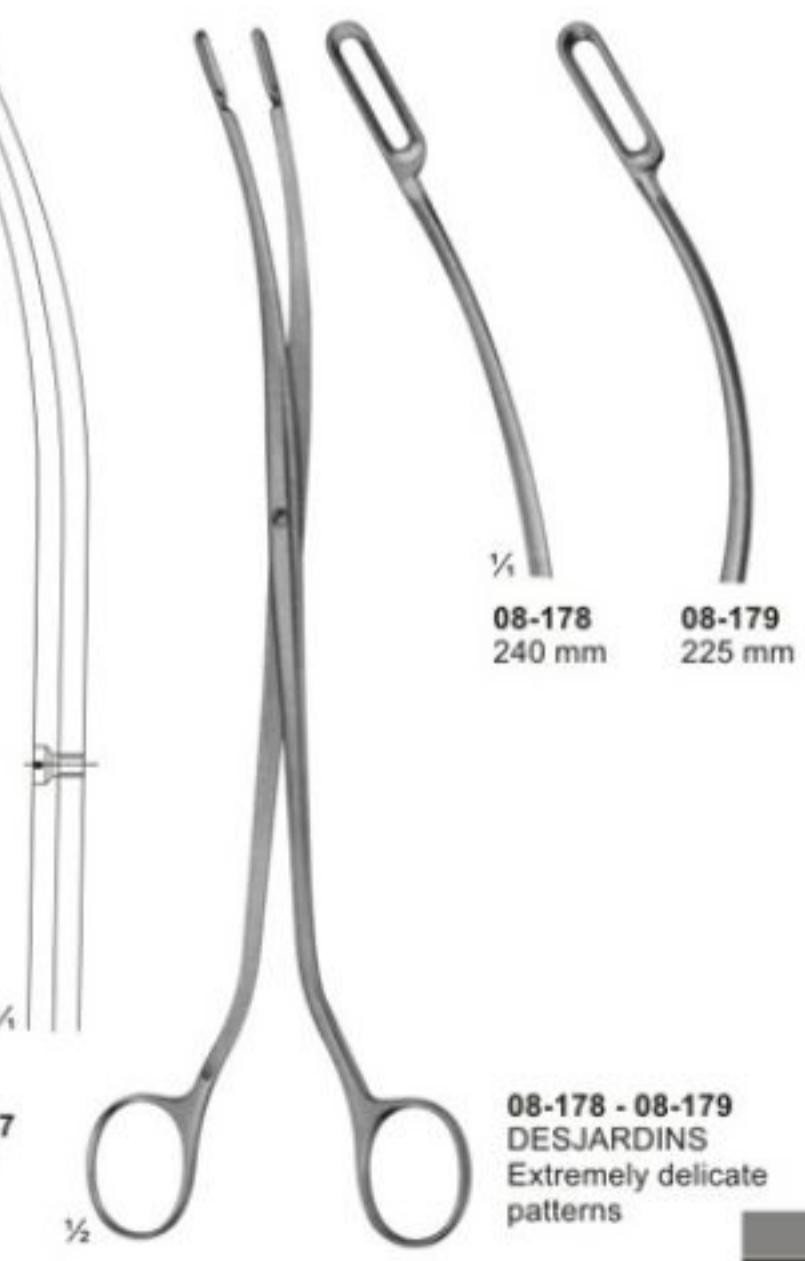


08-173
CZERNY
245 mm

08-174 08-175
08-176 08-177



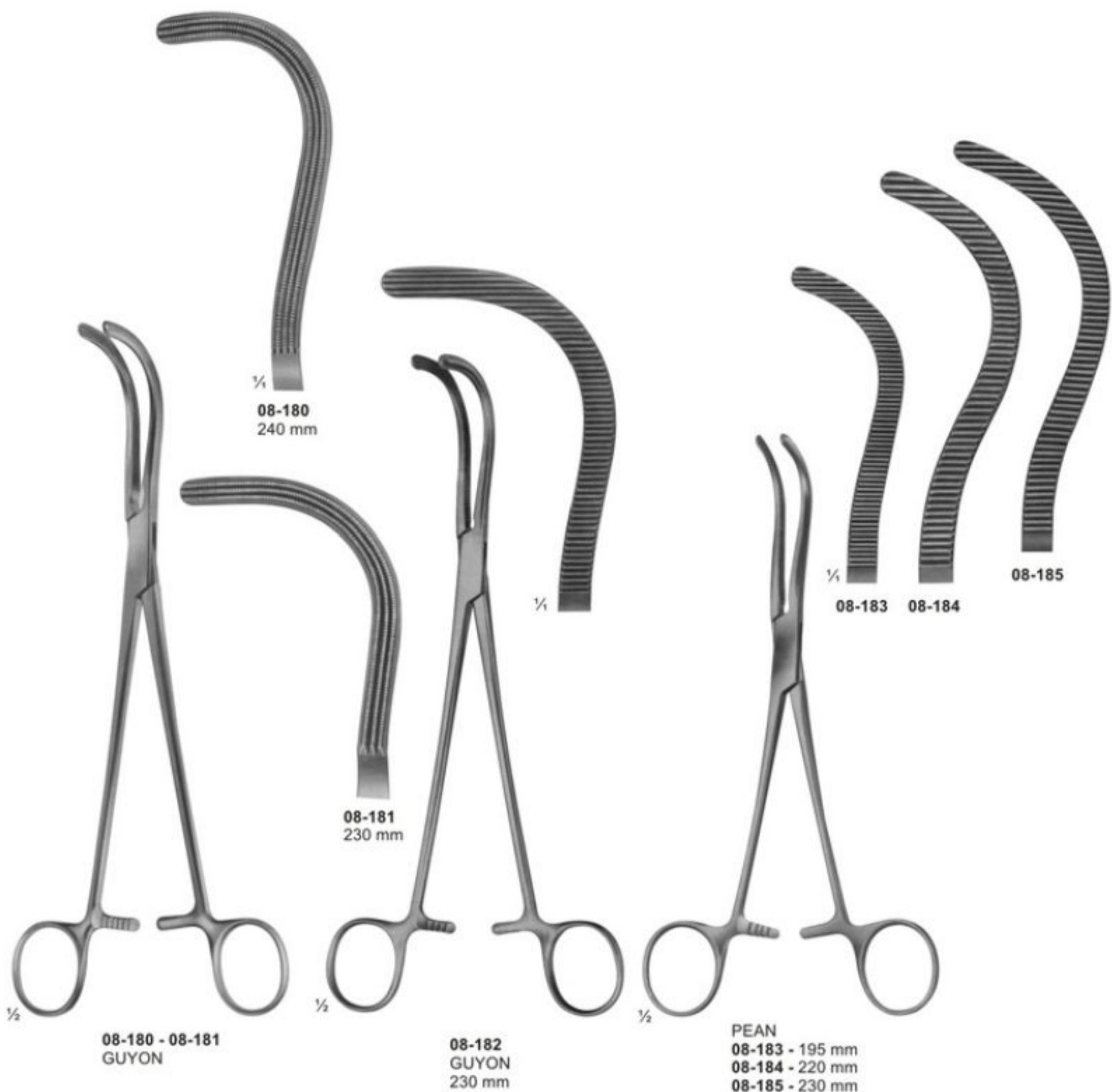
08-174 - 08-177
DESJARDINS
225 mm



08-178 - 08-179
DESJARDINS
Extremely delicate
patterns

Kidney Clamps

ATRAUMATA



Kidney Stone Forceps



08-186



08-190



08-187



08-191



08-188



08-192



08-189

$\frac{1}{2}$
08-186 - 08-189
RANDALL
225 mm



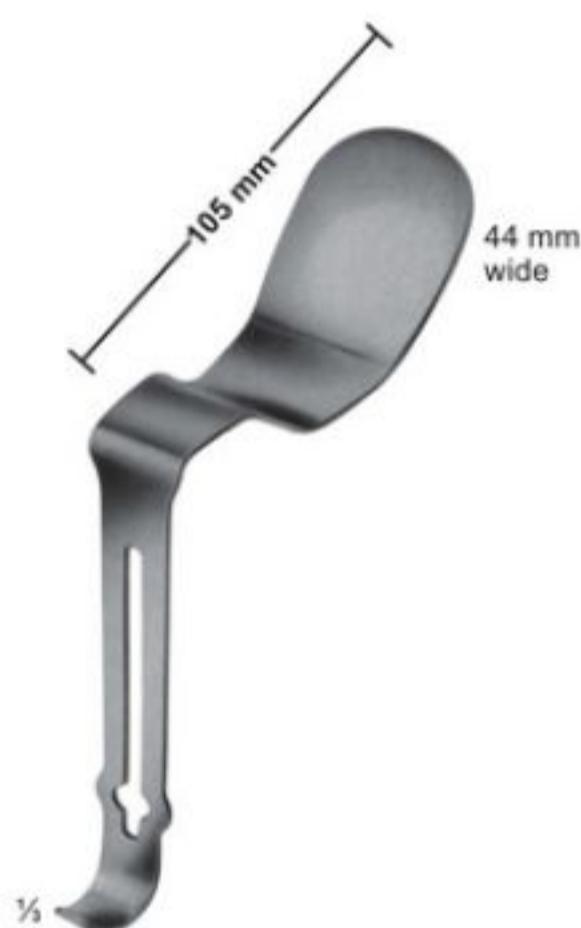
$\frac{1}{2}$
08-190 - 08-192
RANDALL
190 mm



Bladder Retractors



09-101
JUDD-MASSON
Bladder-and suprapubic
retractor



09-102
MILLIN
Center bladder for
retro pubic prostatectomy



09-103
MILLIN
Bladder retractor, complete
105X45 mm



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



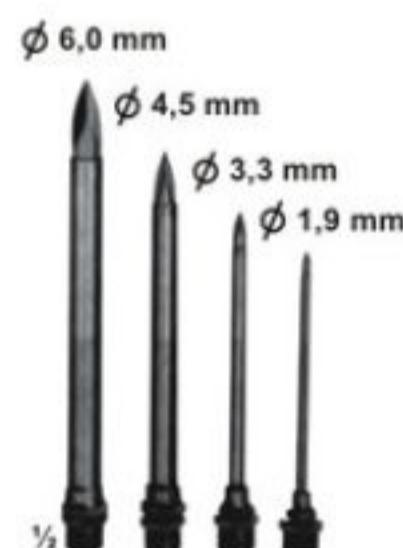
09-105
KOCHE
Bladder spatula
235 mm

Trocars

Luer Lock



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



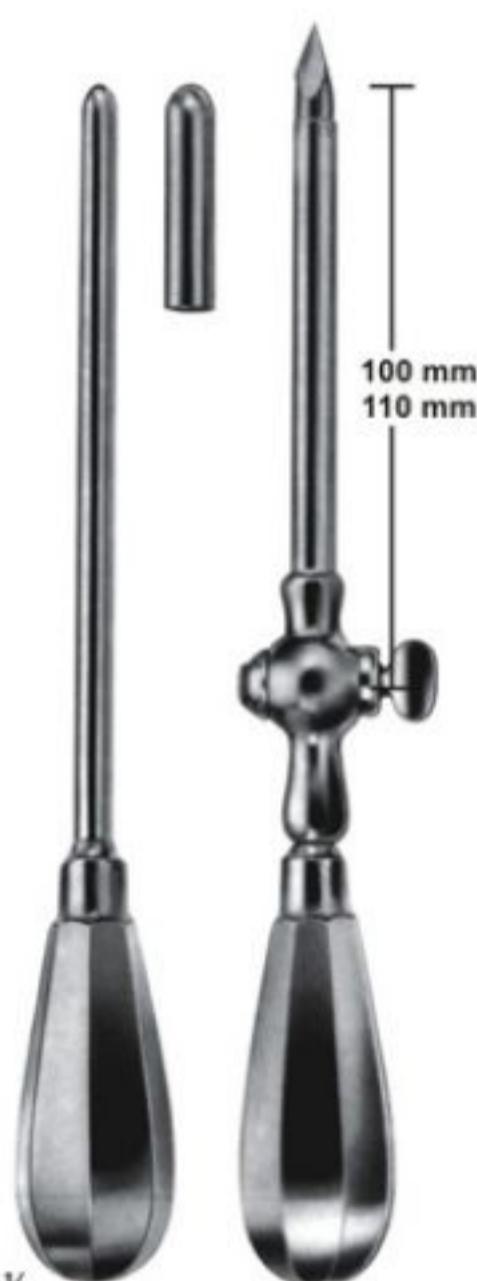
09-107
Universal trocar
with 4 tips



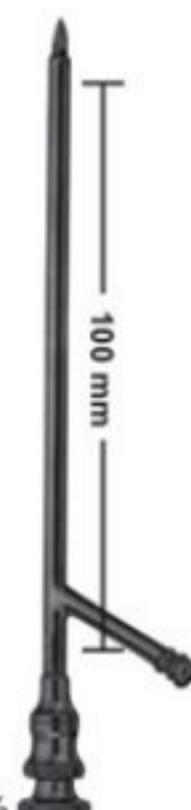
NELSON



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



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



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



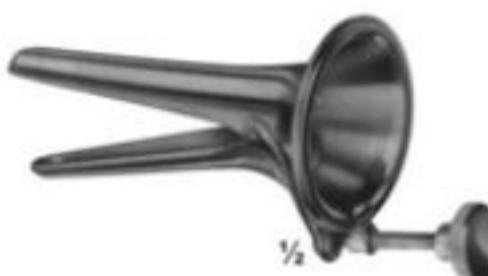
09-123
PIERCE
Antrum trocar
Ø 4,0 mm



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 width



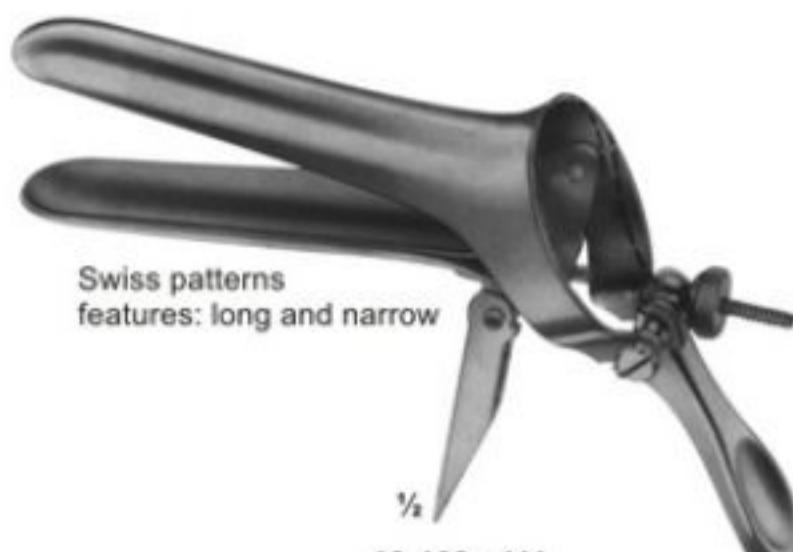
10-106
COLLIN
for virgins
95/85 x 18 mm



10-107
CUSCO
for virgins
75 x17 mm



10-108
CUSCO
for virgins
75 x17 mm



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

Vaginal Specula- Sets, upper and lower blades



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



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



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



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



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



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

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

Vaginal Specula- upper and lower blades



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

10-132 - 10-135
KRISTELLER
Upper blades

10-136 - 10-139
KRISTELLER
Lower blades

Vaginal Specula



Vaginal Retractors



10-154
JOLL (FRIEDMAN)
155 mm



10-155
RICHTER
170 mm



10-156
GELPI
135 mm



10-157
GELPI
175 mm

Uterine Dilators



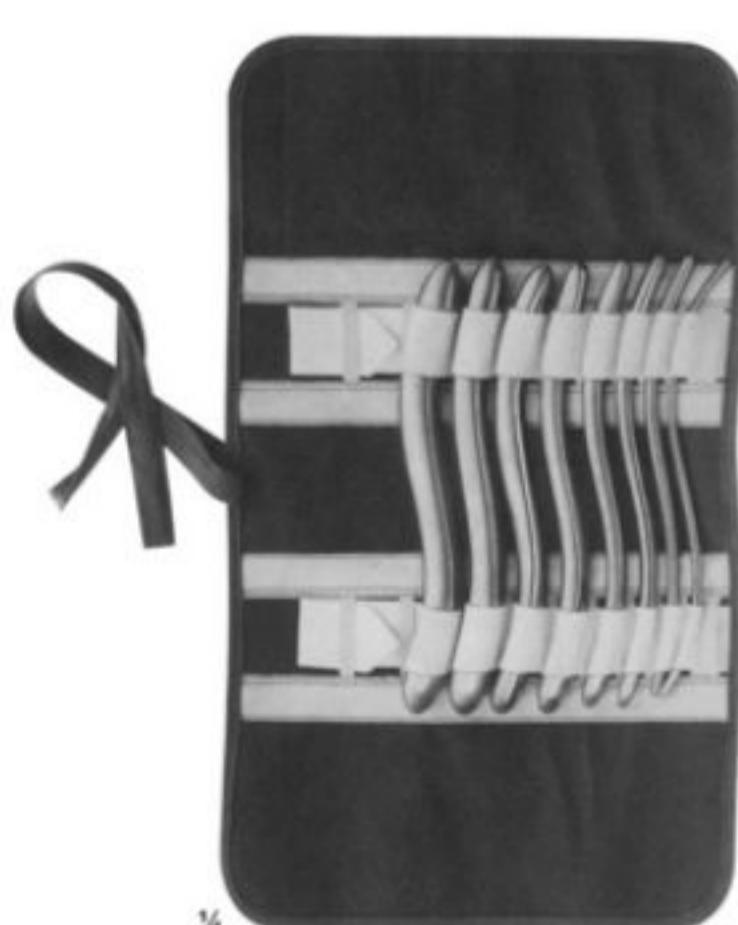
11-101	1	mm	11-123	23	mm
11-102	2	mm	11-124	24	mm
11-103	3	mm	11-125	25	mm
11-104	4	mm	11-126	26	mm
11-105	5	mm	11-127	1 1/2	mm
11-106	6	mm	11-128	2 1/2	mm
11-107	7	mm	11-129	3 1/2	mm
11-108	8	mm	11-130	4 1/2	mm
11-109	9	mm	11-131	5 1/2	mm
11-110	10	mm	11-132	6 1/2	mm
11-111	11	mm	11-133	7 1/2	mm
11-112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

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



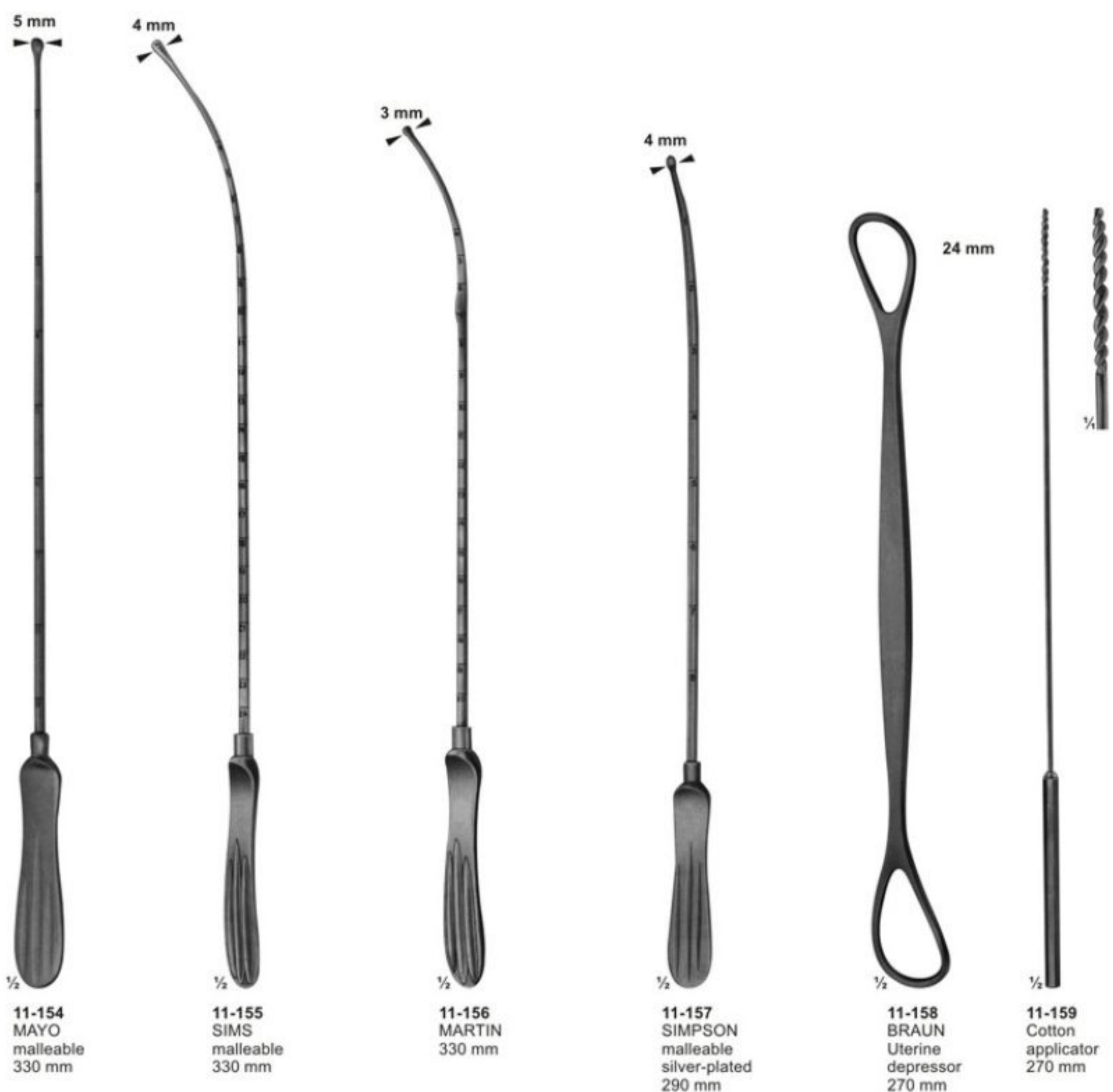
11-144	1+2	mm
11-145	3+4	mm
11-146	5+6	mm
11-147	7+8	mm
11-148	9+10	mm
11-149	11+12	mm
11-150	13+14	mm
11-151	15+16	mm
11-152	17+18	mm

11-144 - 152
HEGAR
205 mm



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

Uterine Probes



Uterine Dressing Forceps



11-160
PELKMAN
260 mm

11-161
PELKMAN
260 mm

11-162
BOZEMANN
250 mm

11-163
BOZEMANN
255 mm

Jaws with longitudinal groove

Polypus-and Ovum Forceps



11-164
HEYWOOD-SMITH
200 mm

11-165
KELLY
320 mm

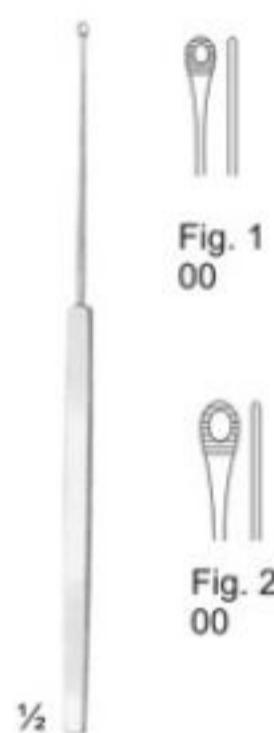
11-166
HEYWOOD-SMITH
250 mm

11-167
NOTO
280 mm

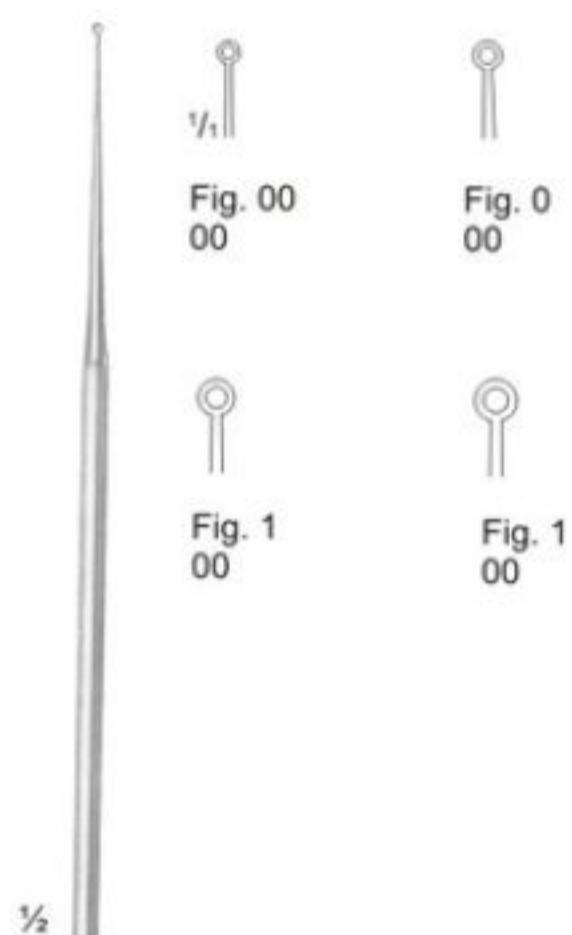
Ear Curettes



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



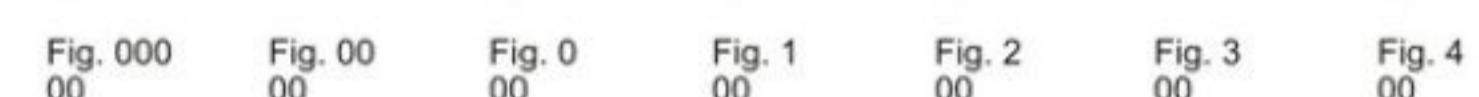
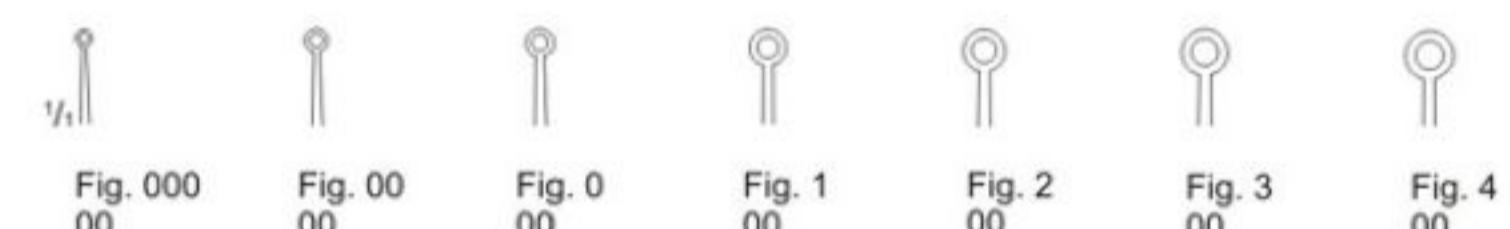
12-102
Shapleigh
15 cm / 5 1/8"



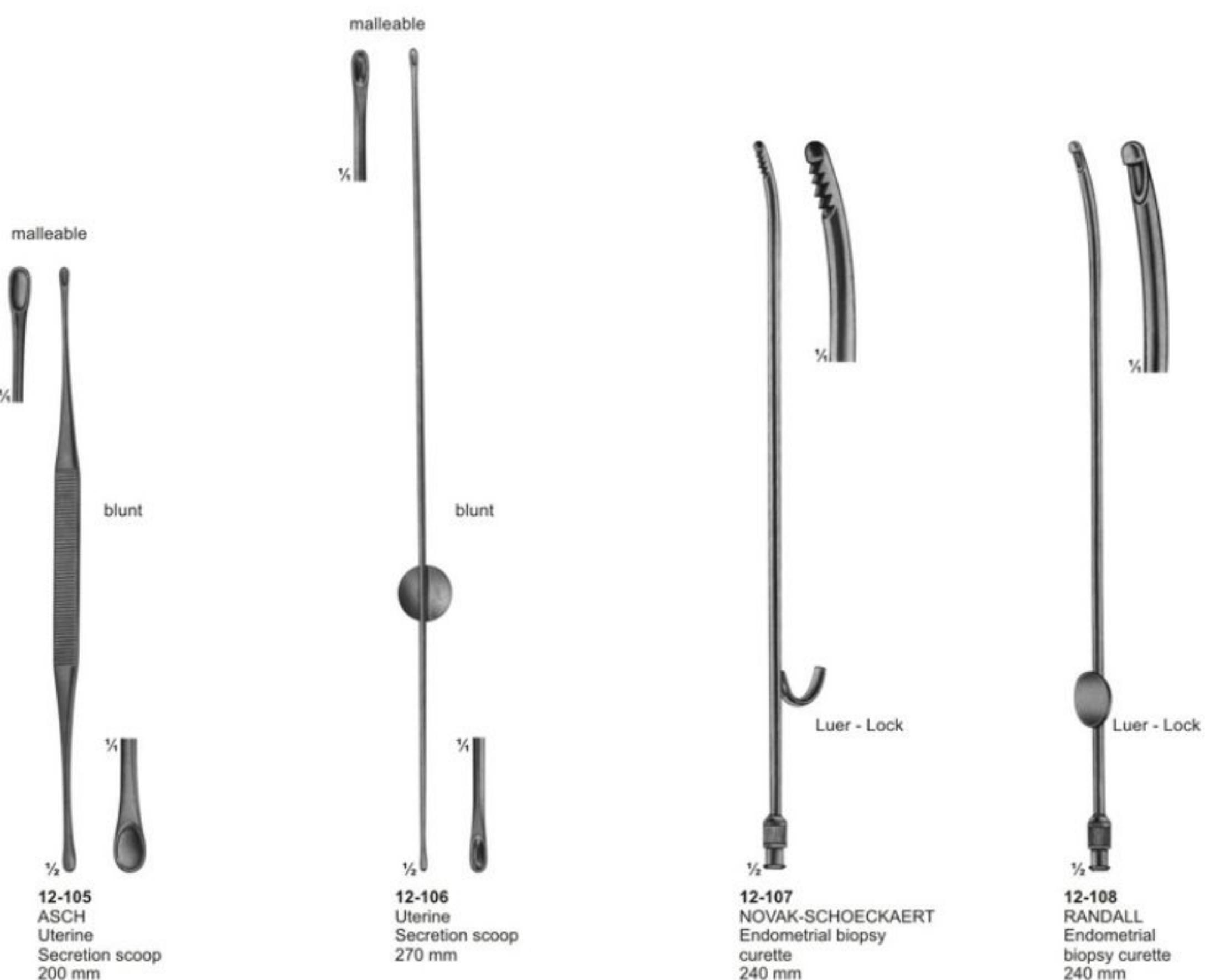
12-103
Buck
17cm / 6 6/8"



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



Biopsy Curettes



Ear Polypus Forceps



1/1



0:0



1/1



0:0



12-109

Hartmann-Wullstein
shaft length
85 mm

12-110

Hartmann-Wullstein
shaft length
85 mm

12-111

Hartmann
shaft length
85 mm

12-112

Hartmann
shaft length
85 mm

12-113

14 cm / 5 4/8"
shaft length
140 mm



12-109 - 12-119



1/1



12-114

Hartmann-Herzfehr
2,0 mm
shaft length
85mm

12-115

Hartmann
3 mm
shaft length
85mm

12-116

shaft length
85mm

12-117

Hartmann-Hoffmar
2,0 mm
85mm

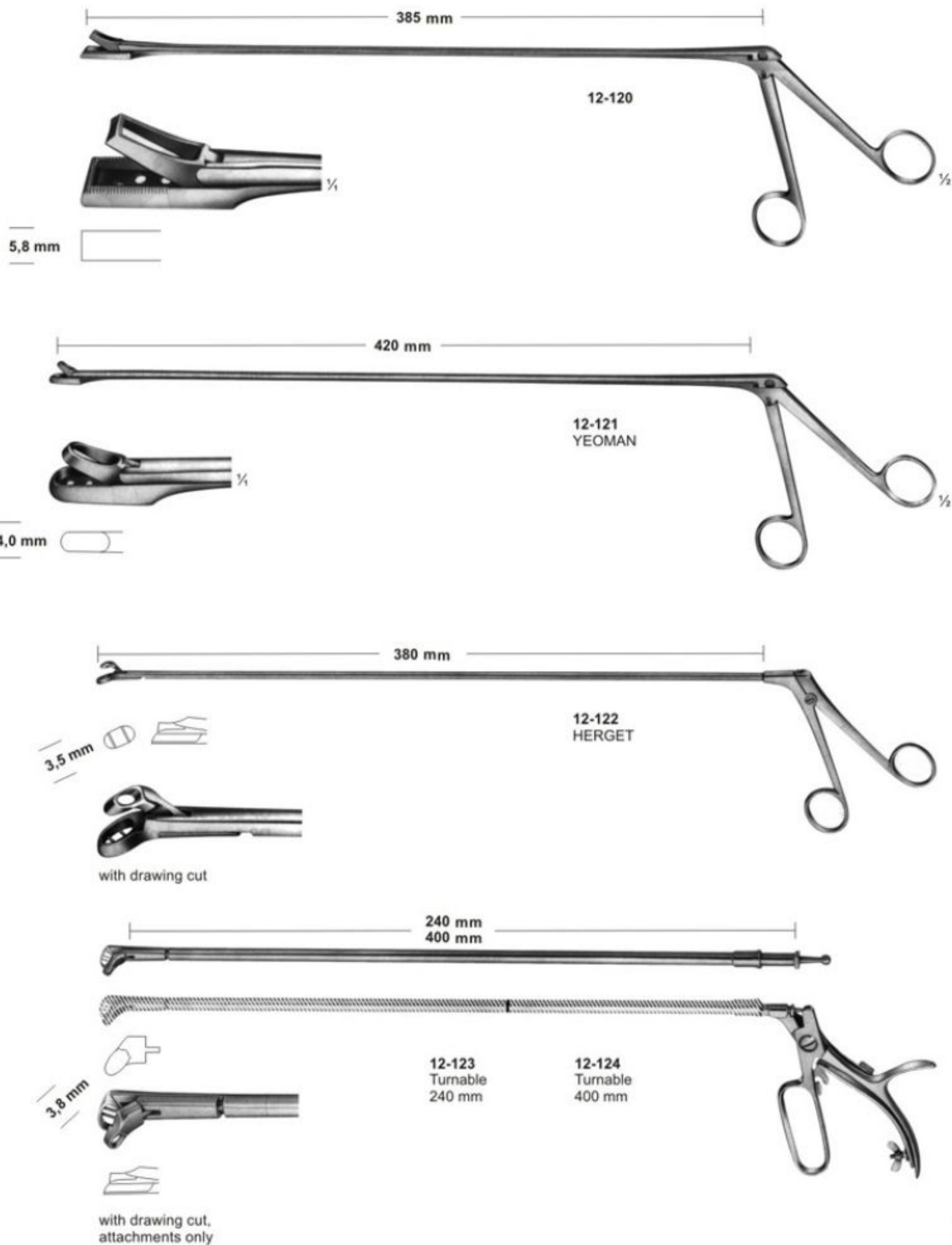
12-118

2,5 mm
85 mm

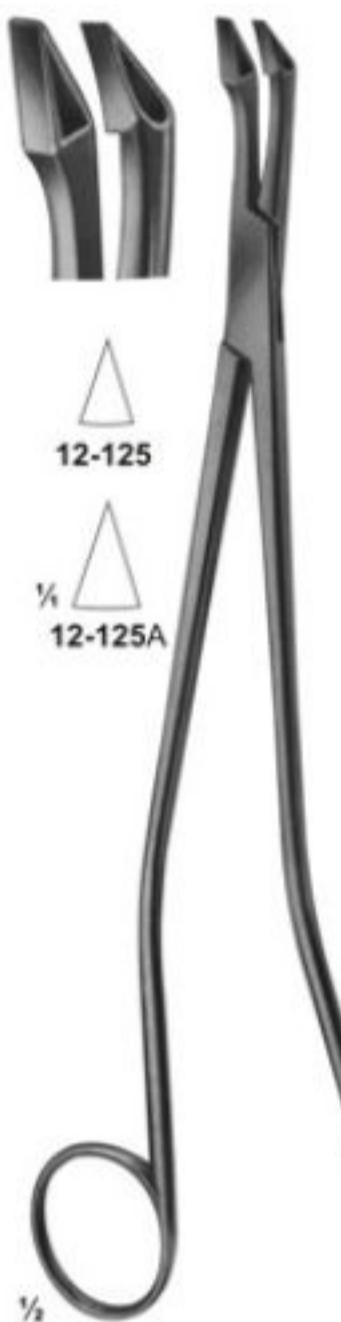
12-119

3,0 mm
85 mm

Biopsy forceps for rectum

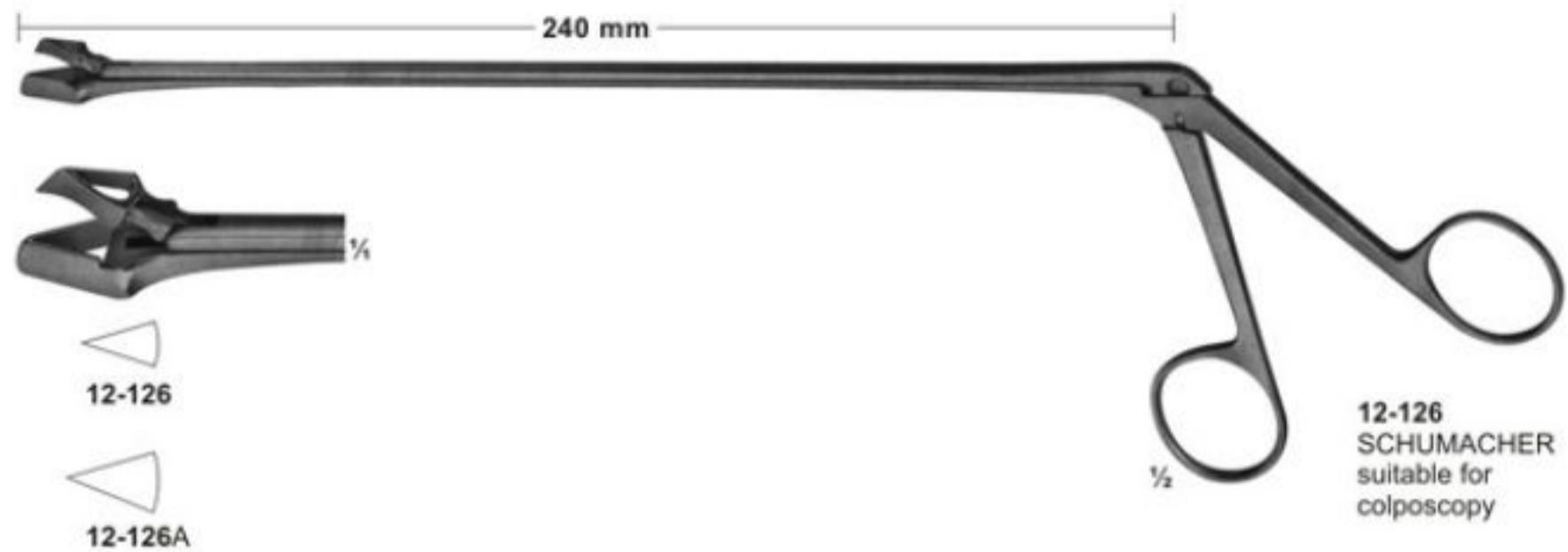


Biopsy Forceps



12-125

1/2
12-125A



12-126

1/2
12-126A

12-126
SCHUMACHER
suitable for
colposcopy



12-125
SCHUMACHER
240mm



12-127
2.0 mm

12-128
2.4 mm

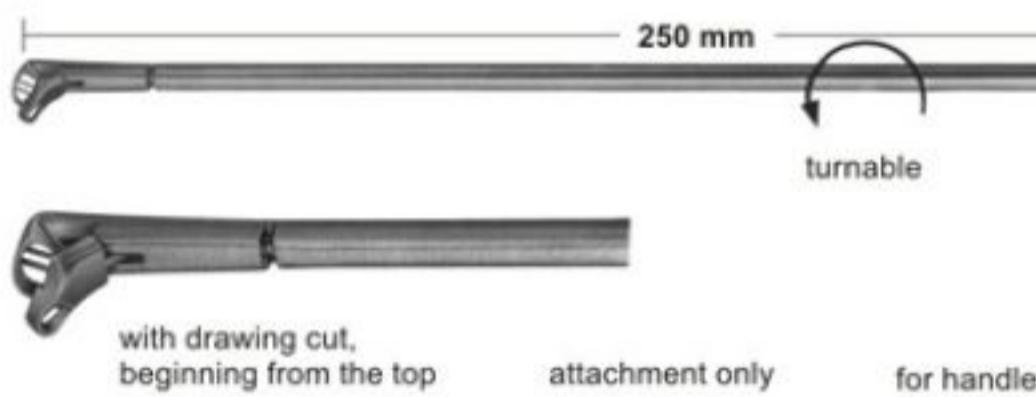
1/4
12-129
2.4 mm



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

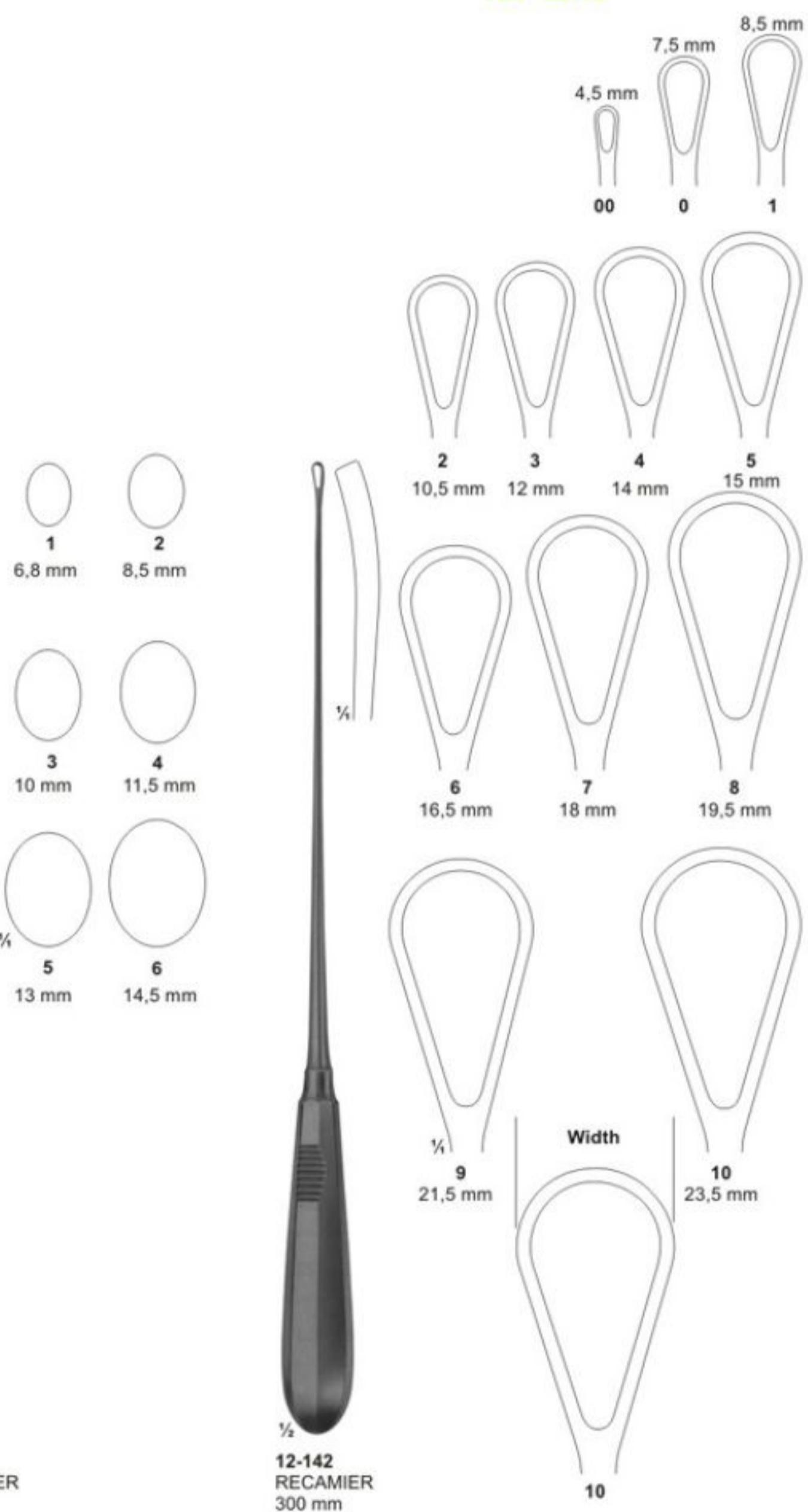
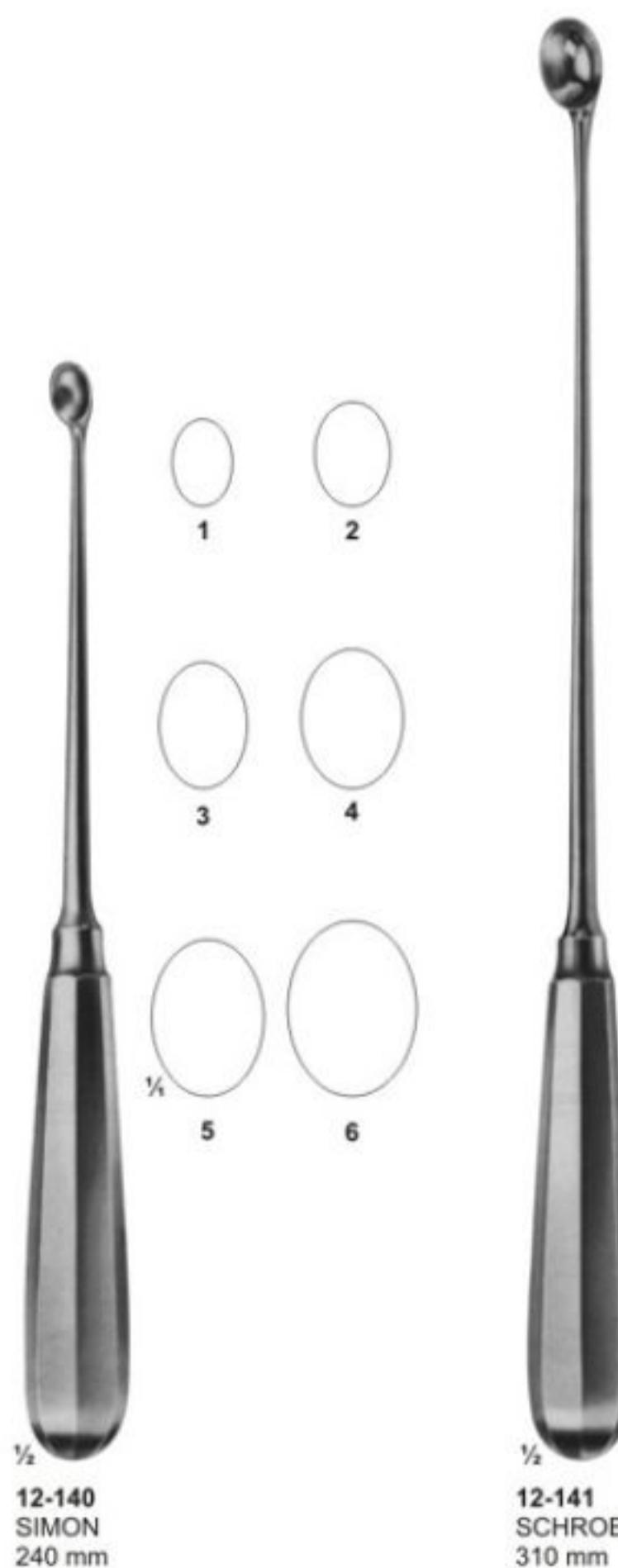


Biopsy Forceps





Uterine Scoops



Obstetrical Forceps



13-101
NAEGELE
355 mm

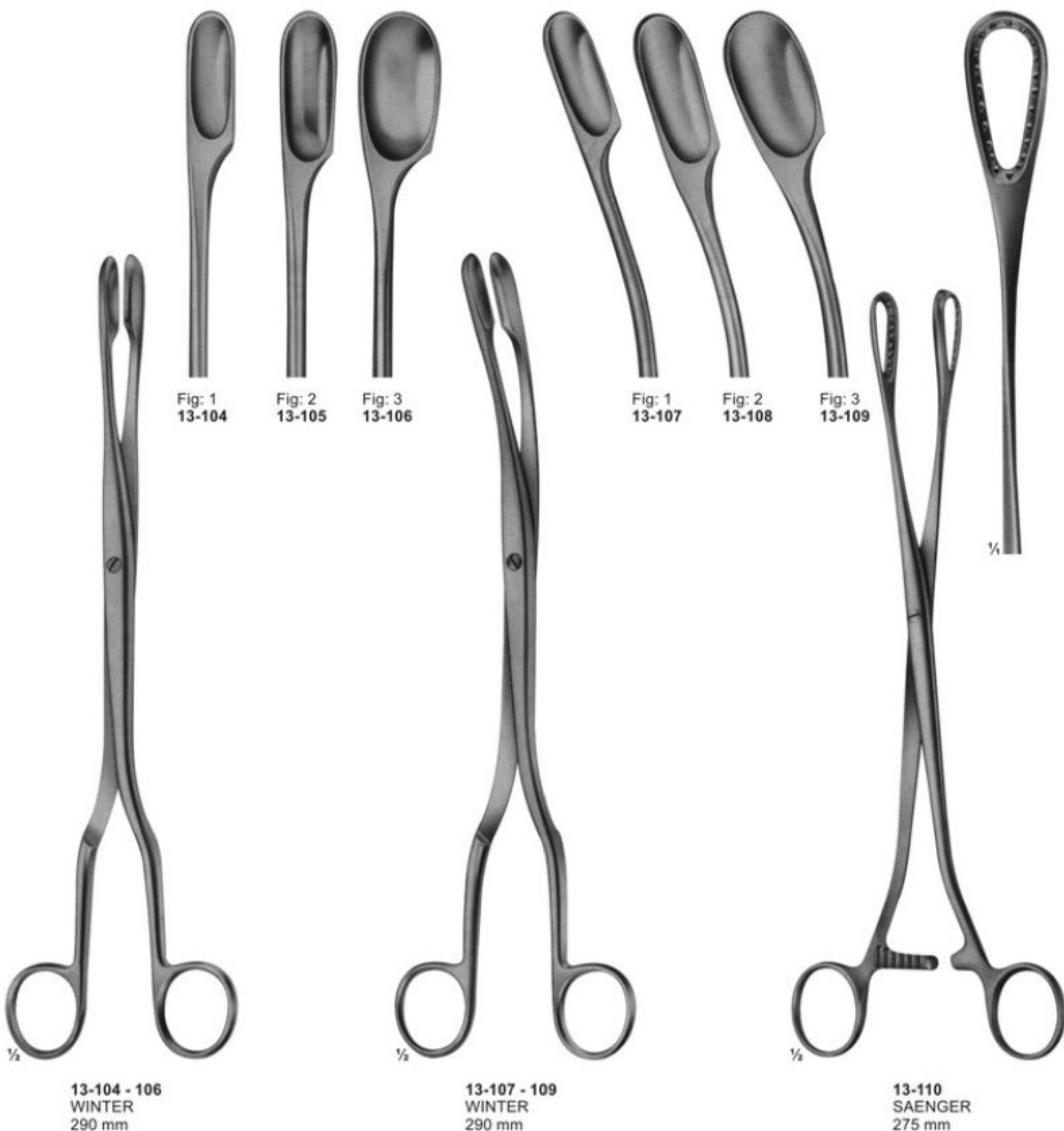


13-102
NAEGELE
400 mm



13-103
SIMPSON-BRAUN
305mm

Obstetrics- Placenta and Ovum Forceps



Tound-and Tracheal Hooks and Dilators



13-111
BOSE
165 mm



13-112
BOSE
165 mm



13-113 - 115
180 mm

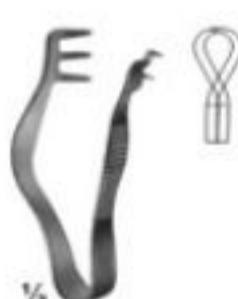
13-113
sharp



13-114
blunt



13-115
stumpf/blunt



13-116
FINSEN
50 mm



13-117
FINSEN
70 mm



13-118
TROUSSEAU
120 mm



13-119
LABORDE
125 mm

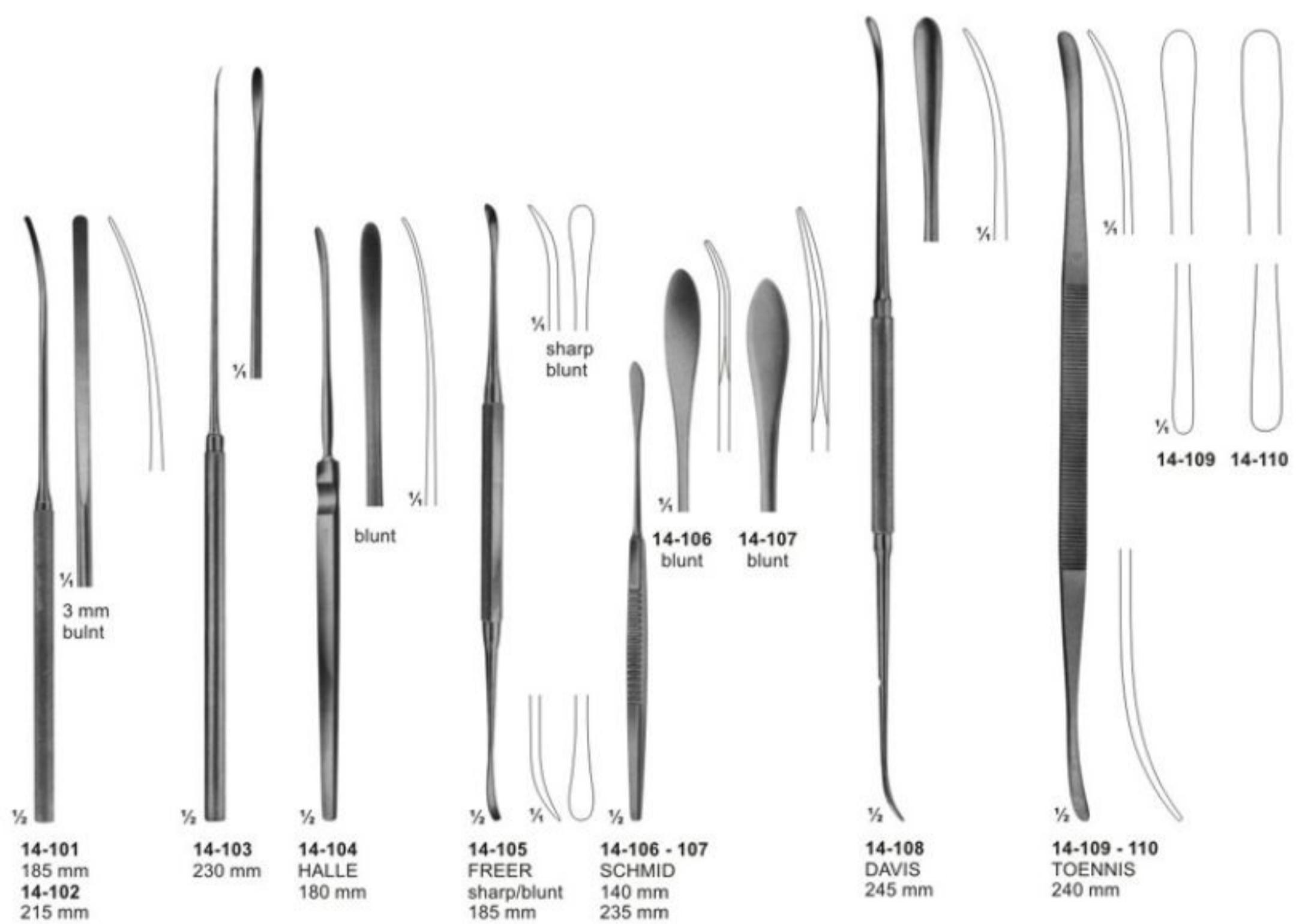


13-120
LABORDE
strong pattern
135 mm



13-121
Cleaning Brush
for tracheal tubes
285 mm

Vascular Spatulas



ATRAUMATA
Forceps

$\frac{1}{4}$
14-111 1,5 mm
14-112 1,5 mm

$\frac{1}{4}$
14-113 2 mm
150 mm
14-114 2 mm
200 mm
14-115 2 mm
240 mm
14-116 2 mm
300 mm

$\frac{1}{4}$
14-117 2,8 mm
150 mm
14-118 2,8 mm
200 mm
14-119 2,8 mm
240 mm
14-120 2,8 mm
300 mm

$\frac{1}{2}$
14-111 - 112
DE BAKEY
150 mm
200 mm

$\frac{1}{2}$
14-113 - 116
DE BAKEY

$\frac{1}{2}$
14-117 - 120
DE BAKEY

$\frac{1}{4}$
14-121 3,3 mm
200 mm
14-122 3,5 mm
300 mm

14-123
3,5 mm
240 mm

$\frac{1}{2}$
14-121 - 123
DE BAKEY

$\frac{1}{2}$
14-124 40°
150 mm
DE BAKEY

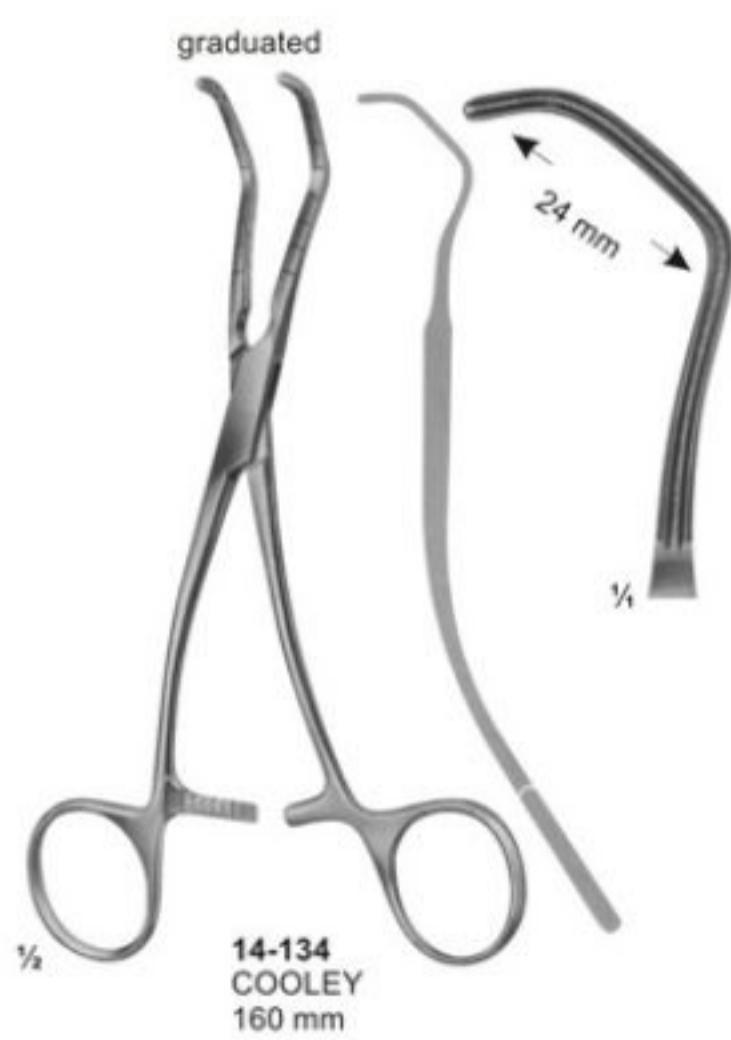
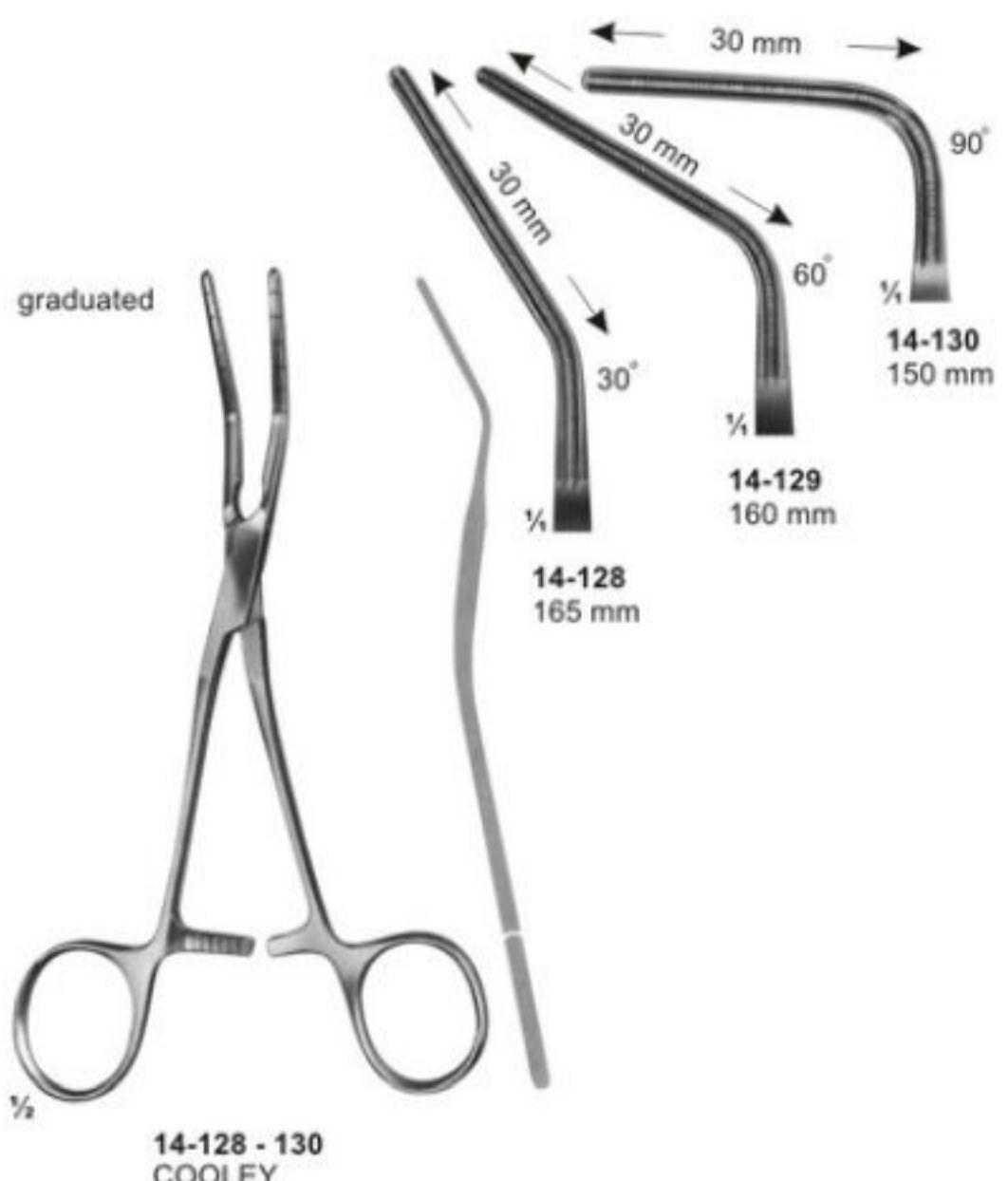
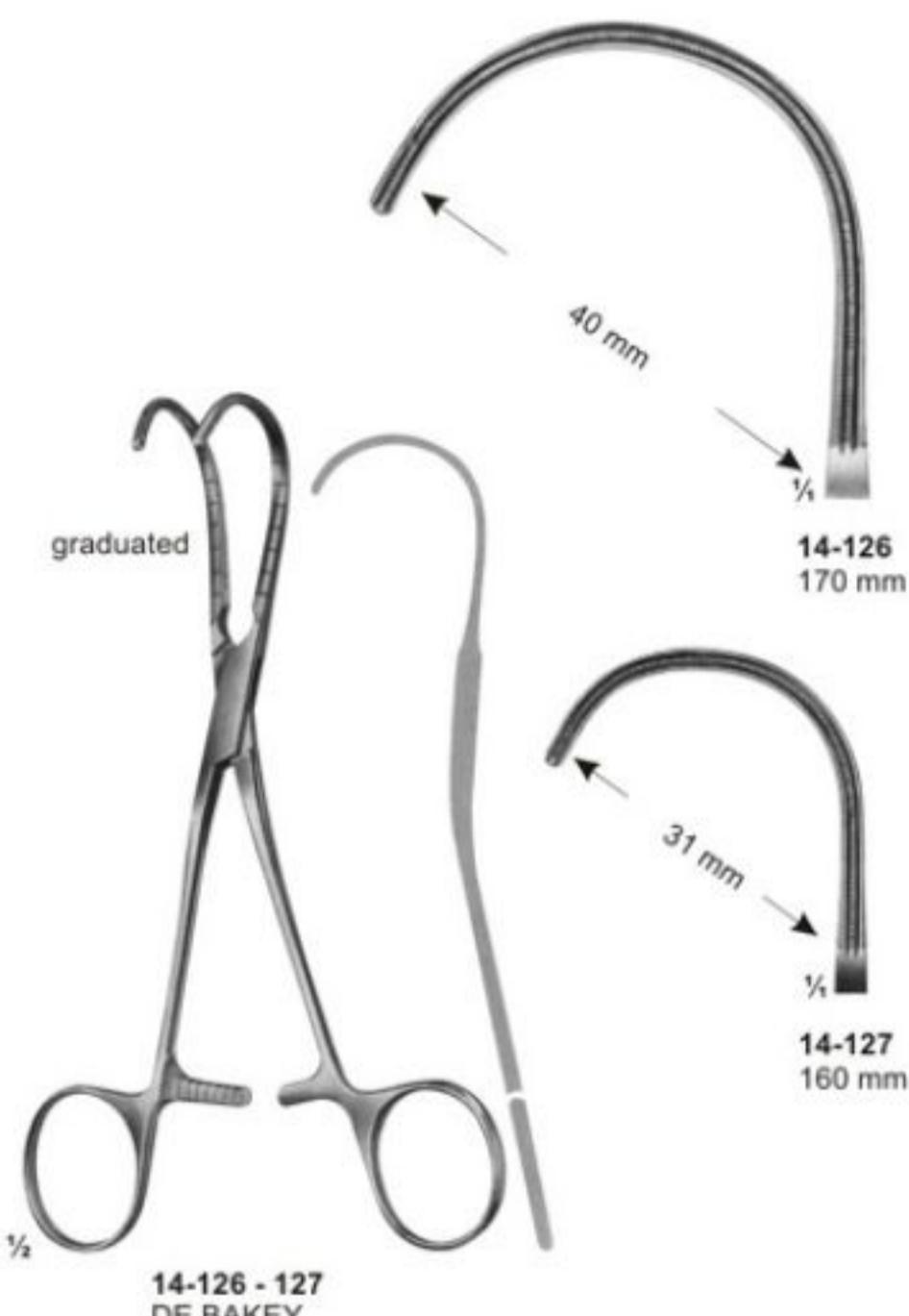
14-124
2 mm

$\frac{1}{4}$
14-125 40°
2 mm

$\frac{1}{2}$
14-125
DE BAKEY
200 mm

ATRAUMATA

Anastomosis- and Multi- Purpose- Clamps- Pediatric type



ATRAUMATA

Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamps



14-135
41 mm
205 mm

14-136
65 mm
225 mm

14-137
80 mm
240 mm



14-138
41 mm
200 mm

14-139
65 mm
225 mm

14-140
80 mm
240 mm

14-138 - 140
DE BAKEY



51 mm

14-141
DE BAKEY
210 mm



51 mm

14-142
DE BAKEY
210 mm



56 mm

14-143
DE BAKEY
160 mm

Aorta- Anastomosis Clamps

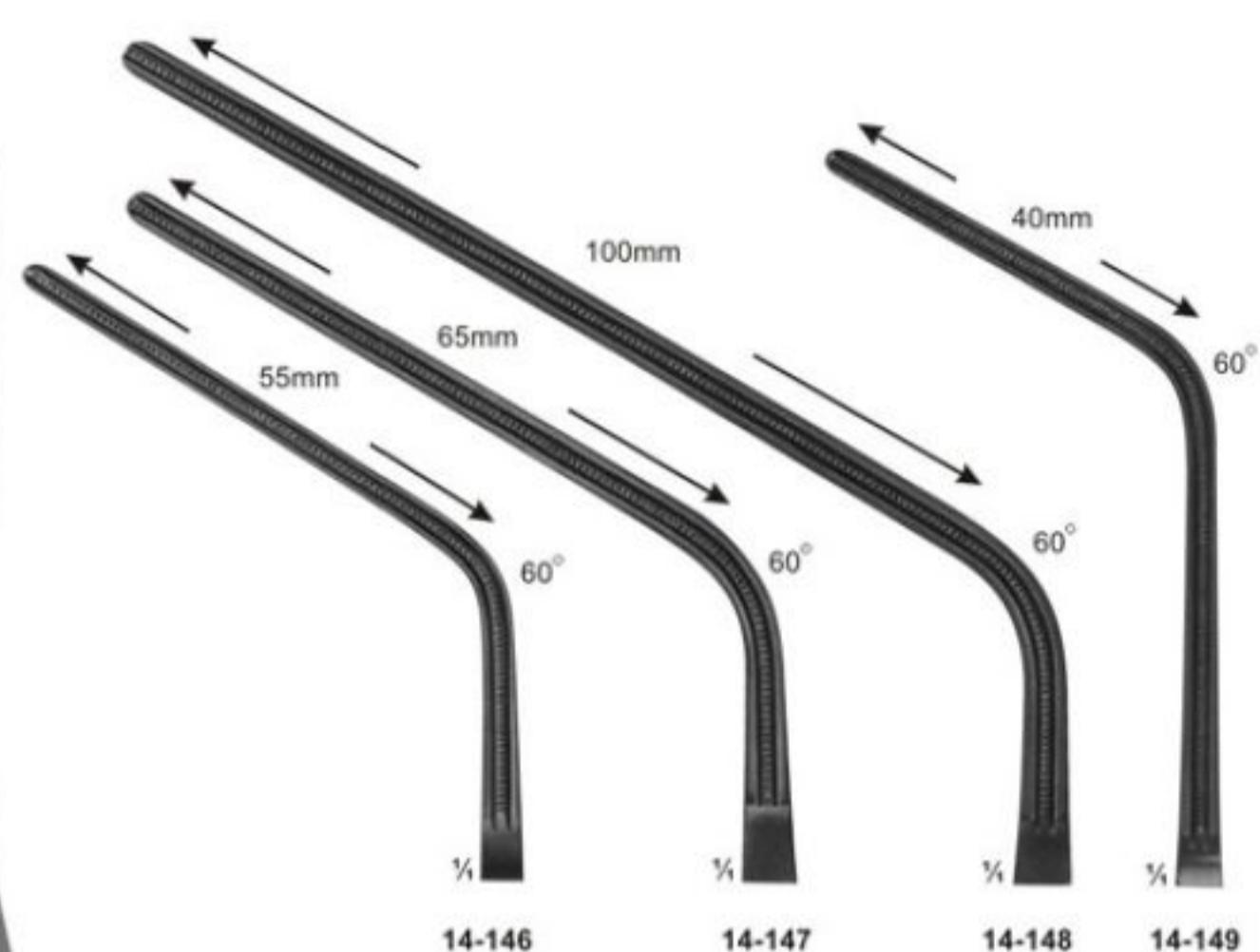


L
14-144
WEBER
260 mm

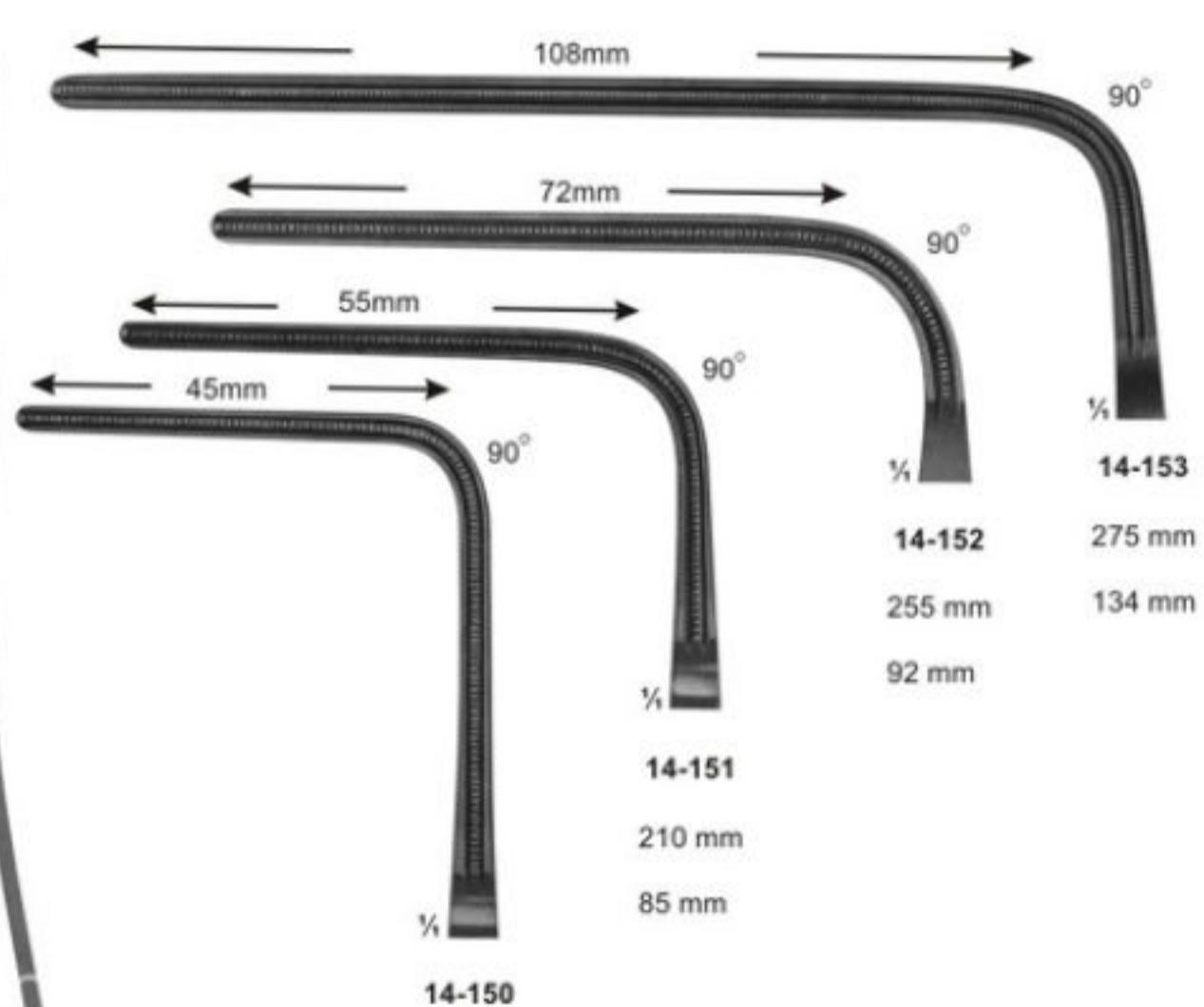


R
14-145
WEBER
260 mm

Multi-Purpose-Clamps



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



Total Length:	225 mm
Length of jaws:	93 mm

Sternum Instruments and Rib Shears



14-154
SCHUMACHER
Sternum shears
210 mm



14-155
LEBSCHE
Sternum chisel
200 mm



14-156
230 mm



14-157
COLLIN
195 mm



14-158
GLUCK
190 mm



14-159
BETHUNE
340 mm



14-160
BRUNNER
Universal pattern
340 mm

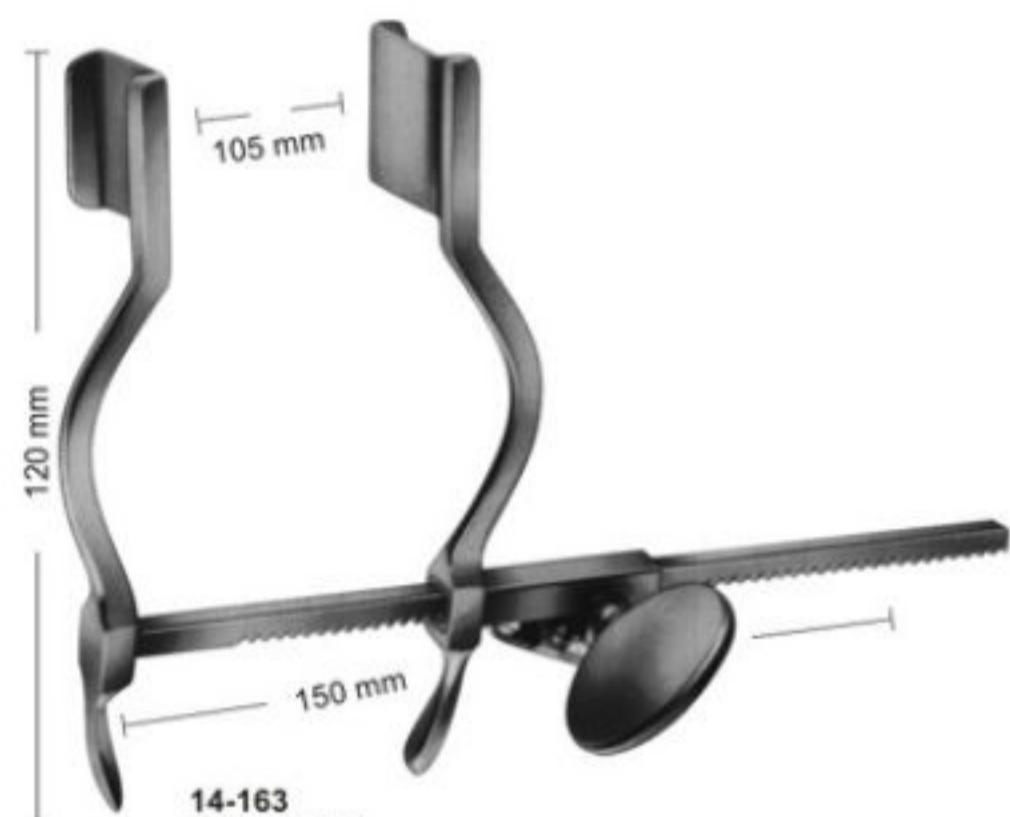


14-161
GIERTZ-STILLE
250 mm

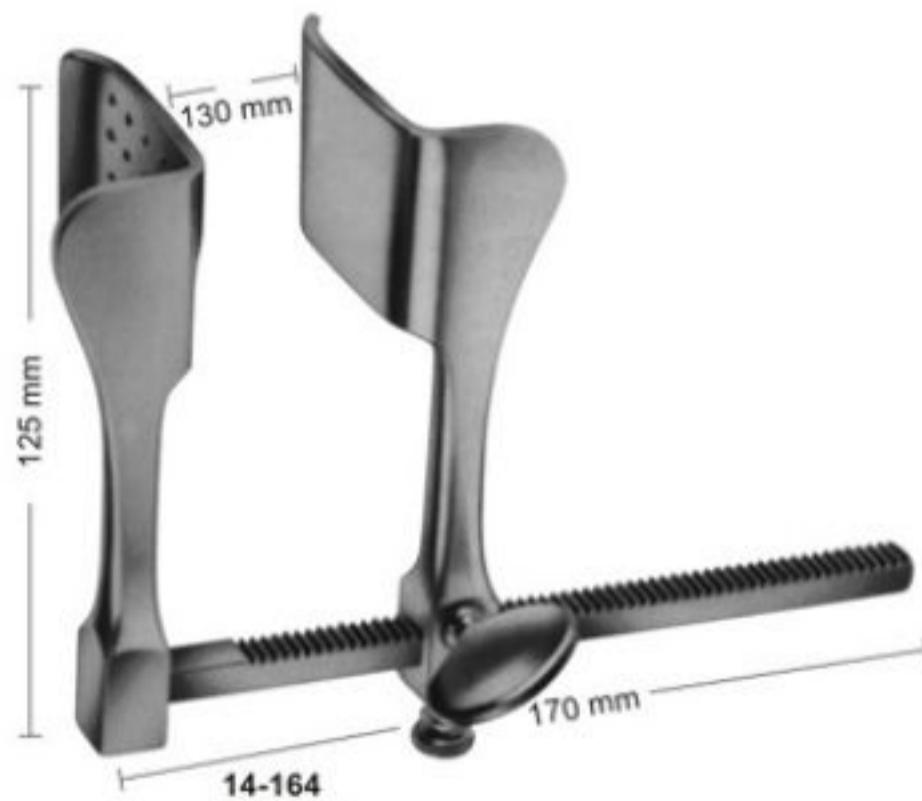
Rib Spreaders



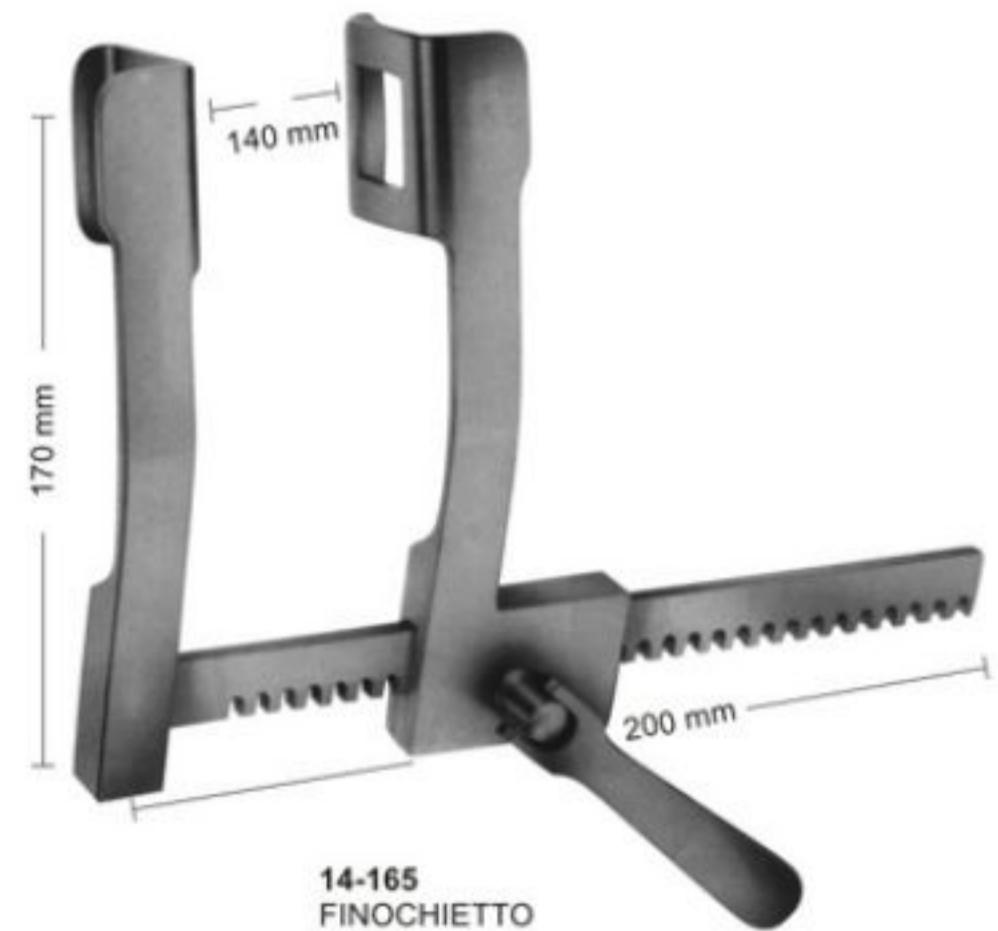
14-162
FINOCHIETTO
Blades
18X21 mm



14-163
HERTZLER
Blades
20X25 mm



14-164
TUFFIER
Blades
43X53 mm



14-165
FINOCHIETTO
Blades
36X45 mm

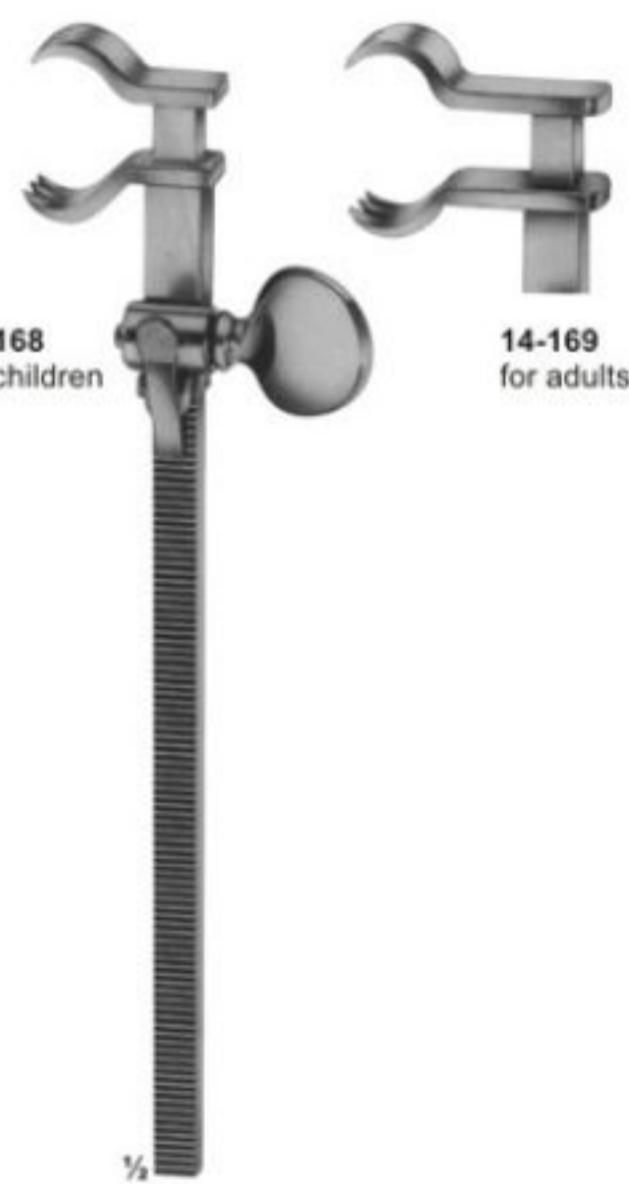
Rib Spreaders-and Contractors



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



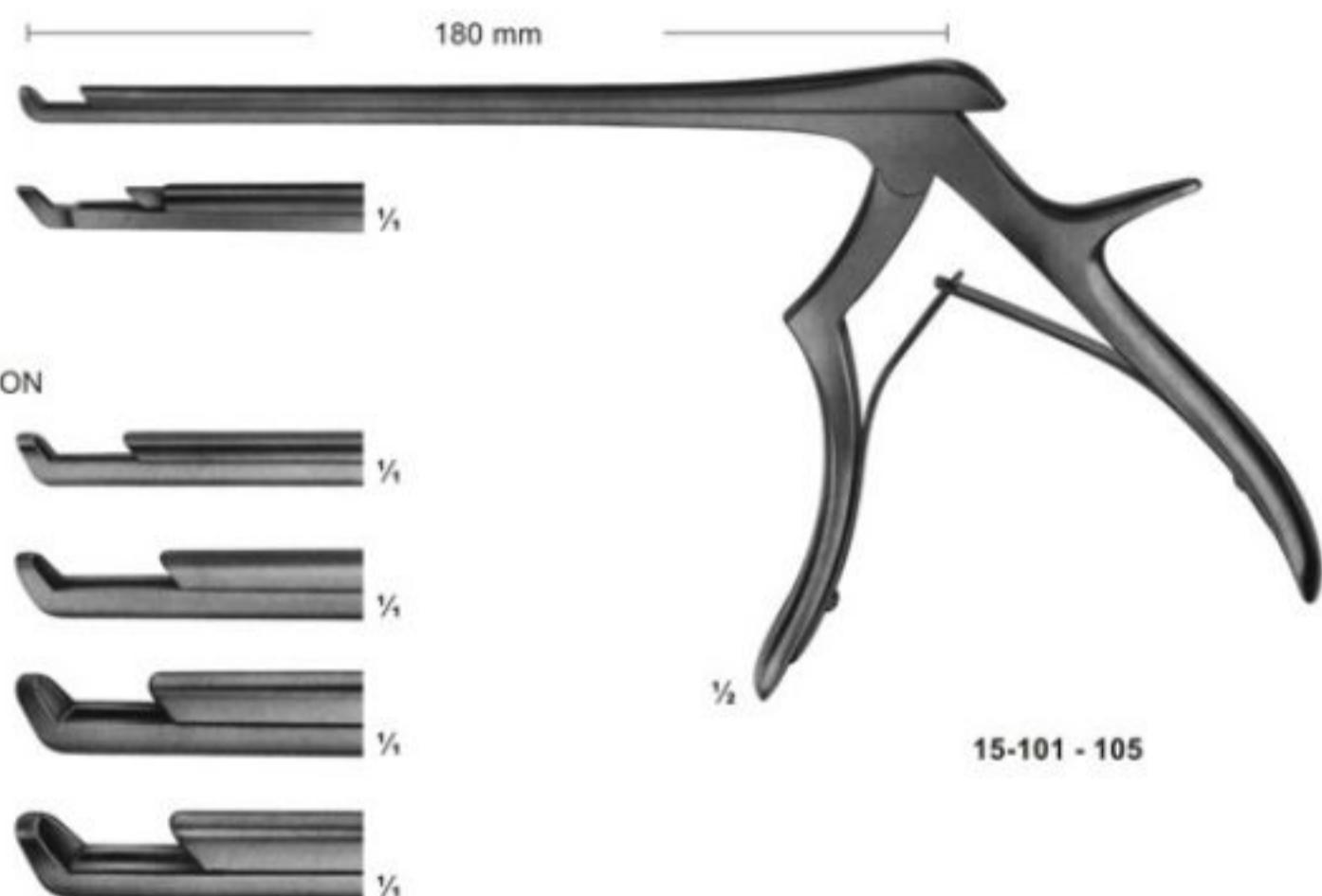
Punches

130°

upwards cutting

15-101
1 mm

KERRISON - JACOBY



FERRIS-SMITH-KERRISON

15-102
2 mm

1/4

15-103
3 mm

1/4

15-104
4 mm

1/4

15-105
5 mm

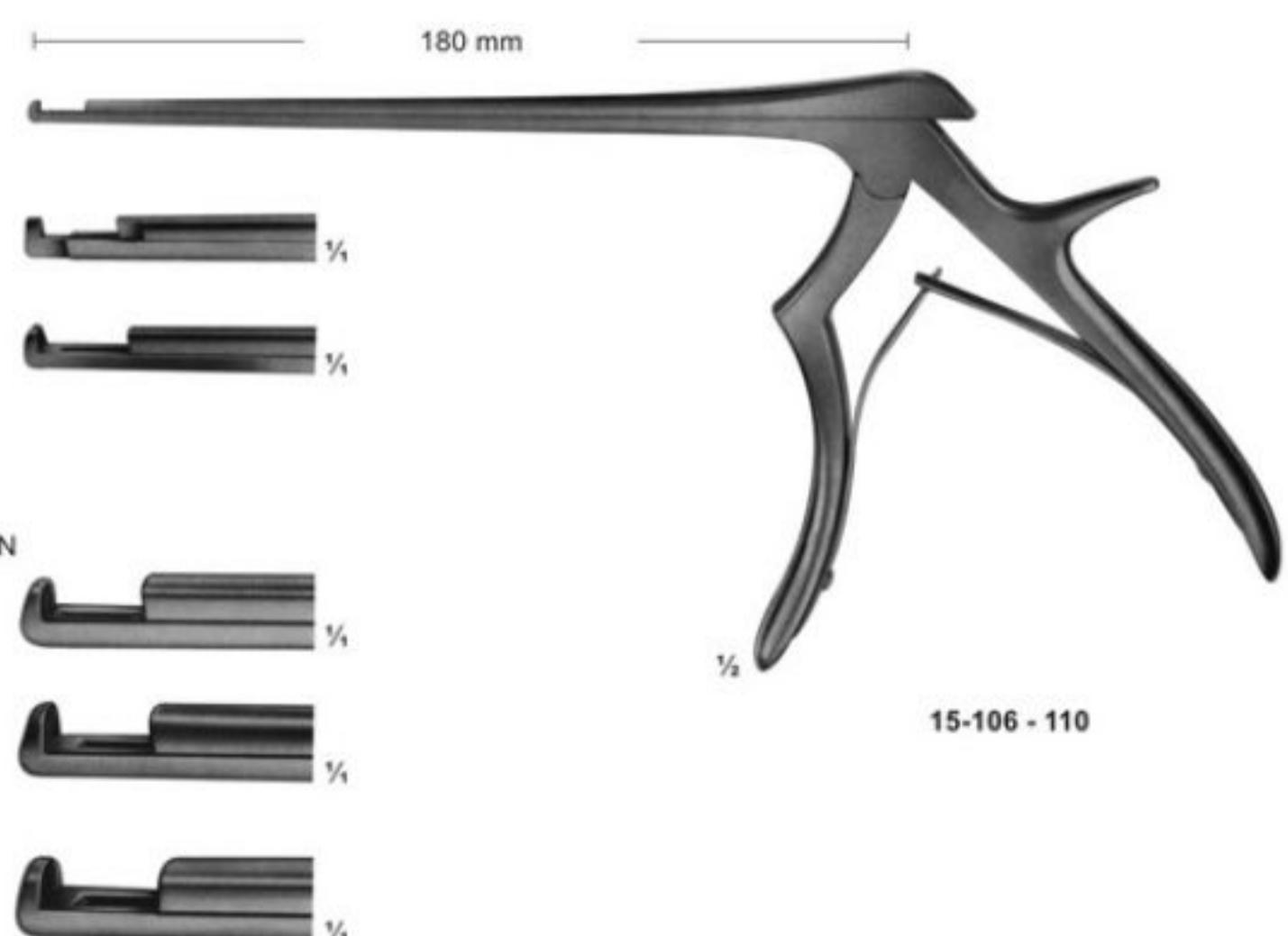
1/4

15-101 - 105

90°

upwards cutting

KERRISON - JACOBY



FERRIS-SMITH-KERRISON

15-108
3 mm

1/4

15-109
4 mm

1/4

15-110
5 mm

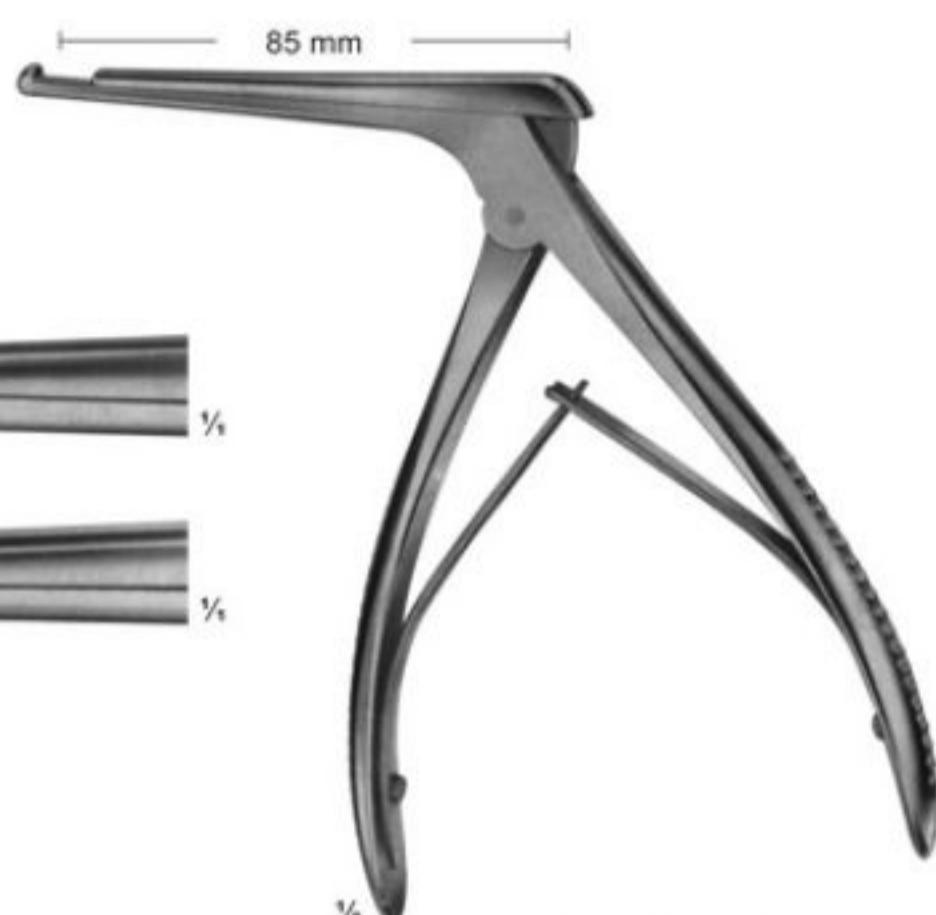
1/4

15-106 - 110

Punches

90°

upwards cutting



15-111
4 mm



15-112
5 mm



15-111 - 15-112
KERRISON

90°

upwards cutting

140 mm



15-113
3,3 mm



15-114
4,0 mm



15-113 - 15-114
HAJEK-KOFLER

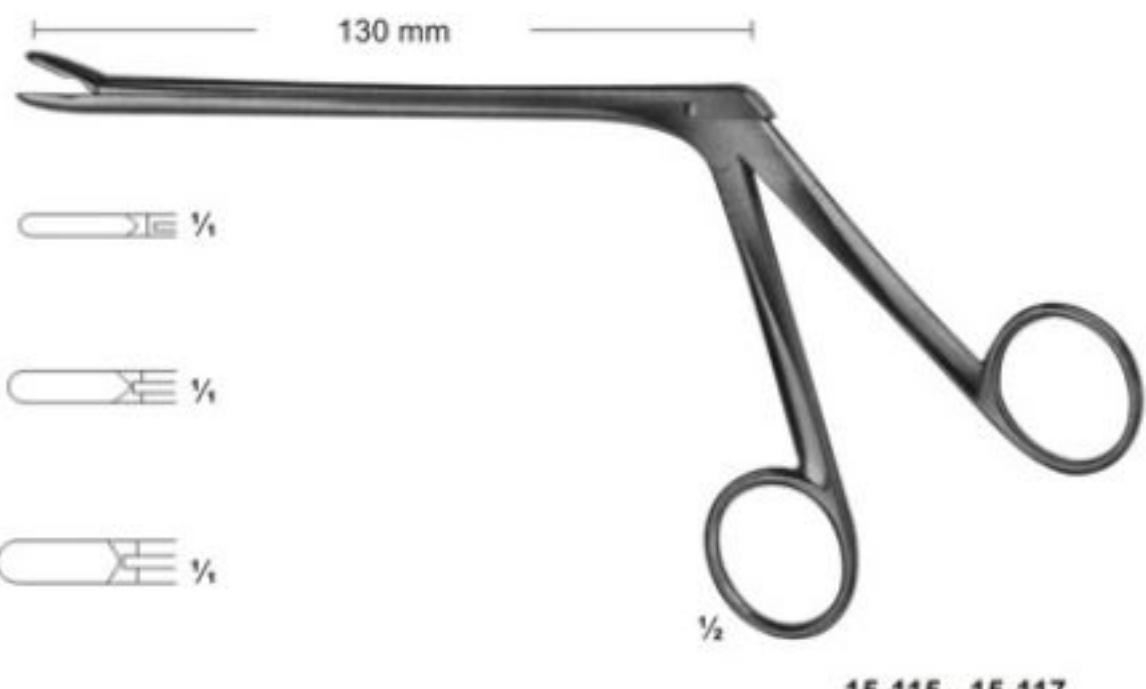
Rongeurs

LOVE-GRUENWALD

15-115
2 X 10 mm

15-116
3 X 10 mm

SPURLING
15-117
4 X 10 mm

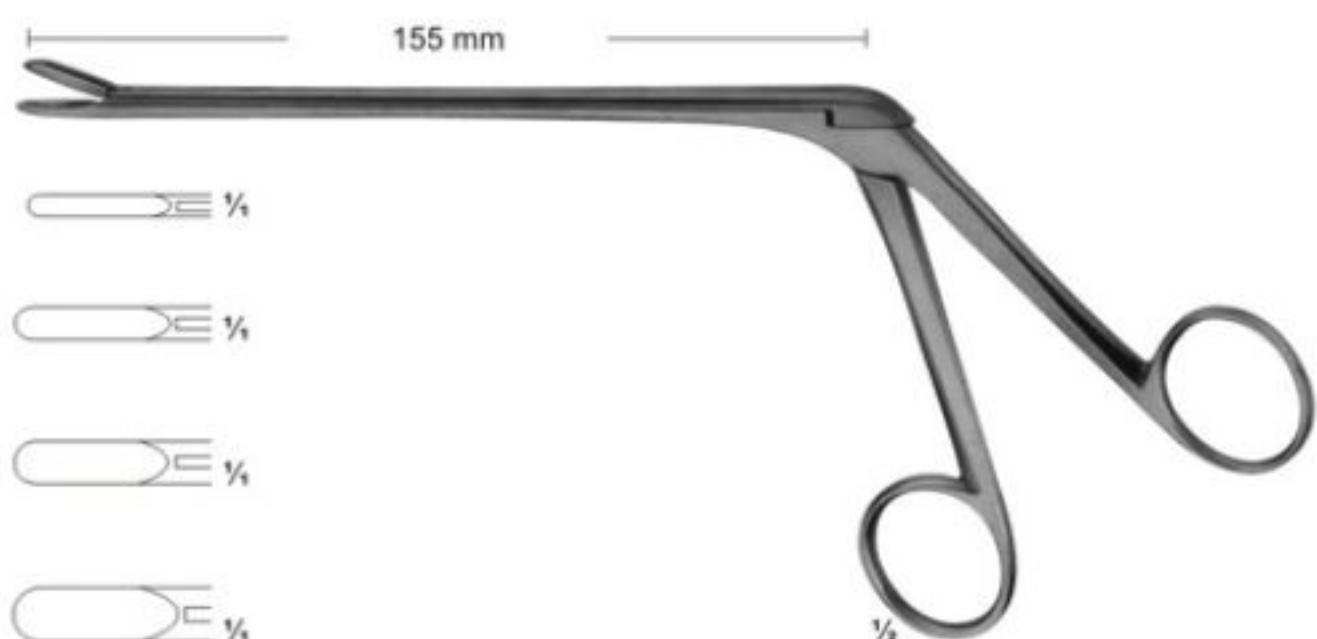


15-118
2 mm

15-119
3 mm

15-120
4 mm

15-121
5 mm

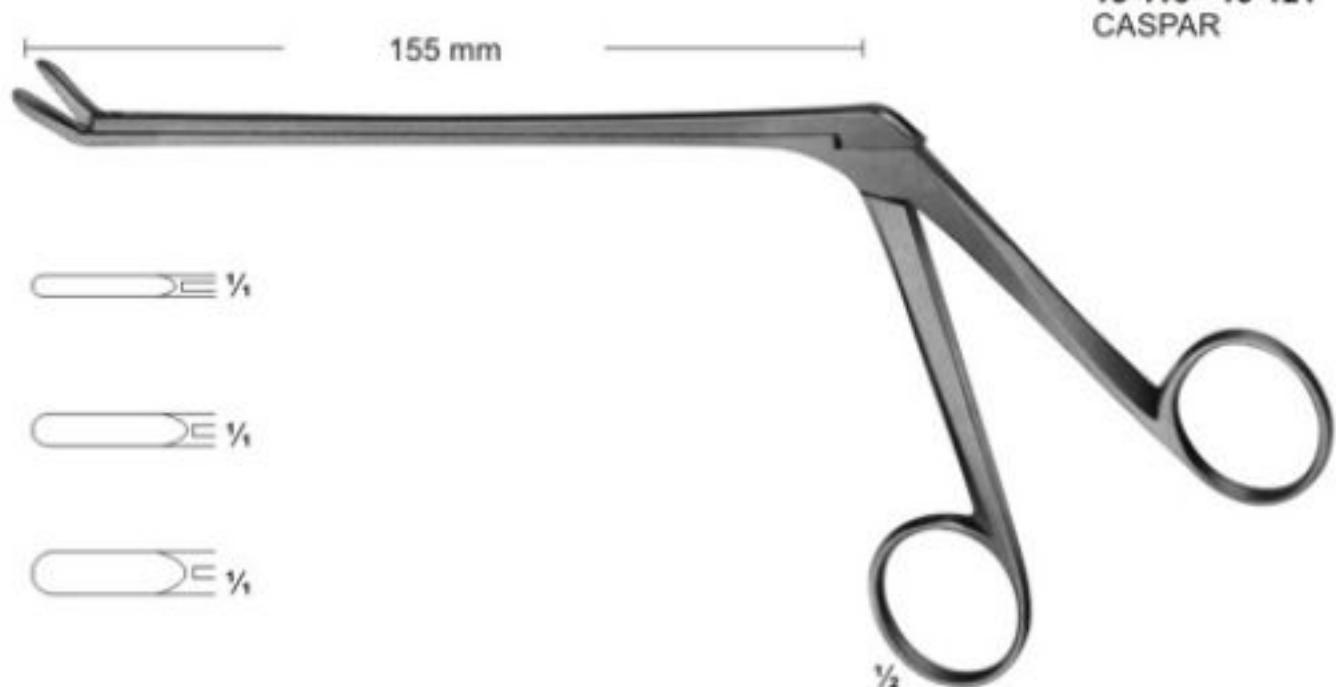


150°

15-122
2 mm

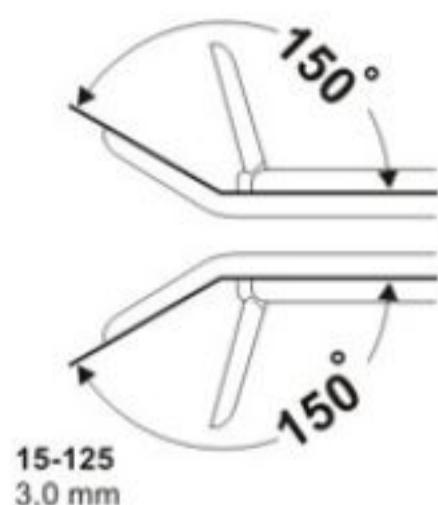
15-123
3 mm

15-124
4 mm



Rongeurs

Angled positions for rongeurs



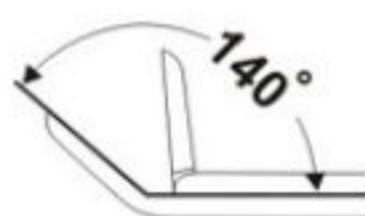
15-125
3,0 mm

15-126
3,6 mm

15-127
4,2 mm

15-128
4,8 mm

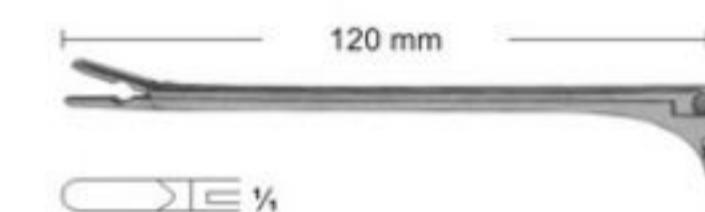
15-129
5,8 mm



120 mm



15-125 - 15-129
WEIL-BLAKESLEY

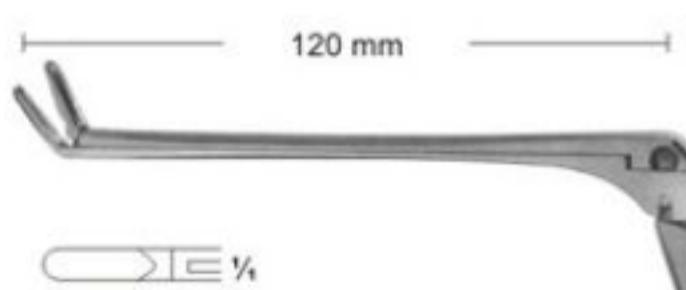


120 mm

1/4



15-130
TAKAHASHI
3 mm



120 mm

1/4



15-131
TAKAHASHI
3 mm

Rongeurs

150°

Lower part of jaws movable

15-132
2 mm



15-133
3 mm

15-134
4 mm

15-132 - 15-134
CASPAR

Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
---------------------------	---------------------------	---------------------------	--------------

15-135	15-140	15-145	2 X12 mm
--------	--------	--------	----------

15-136	15-141	15-146	3 X12 mm
--------	--------	--------	----------

15-137	15-142	15-147	4 X14 mm
--------	--------	--------	----------

15-138	15-143	15-148	5 X14 mm
--------	--------	--------	----------

15-139	15-144	15-149	6 X16 mm
--------	--------	--------	----------

15-135 - 15-149
CASPAR

150°

Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
---------------------------	---------------------------	---------------------------	--------------

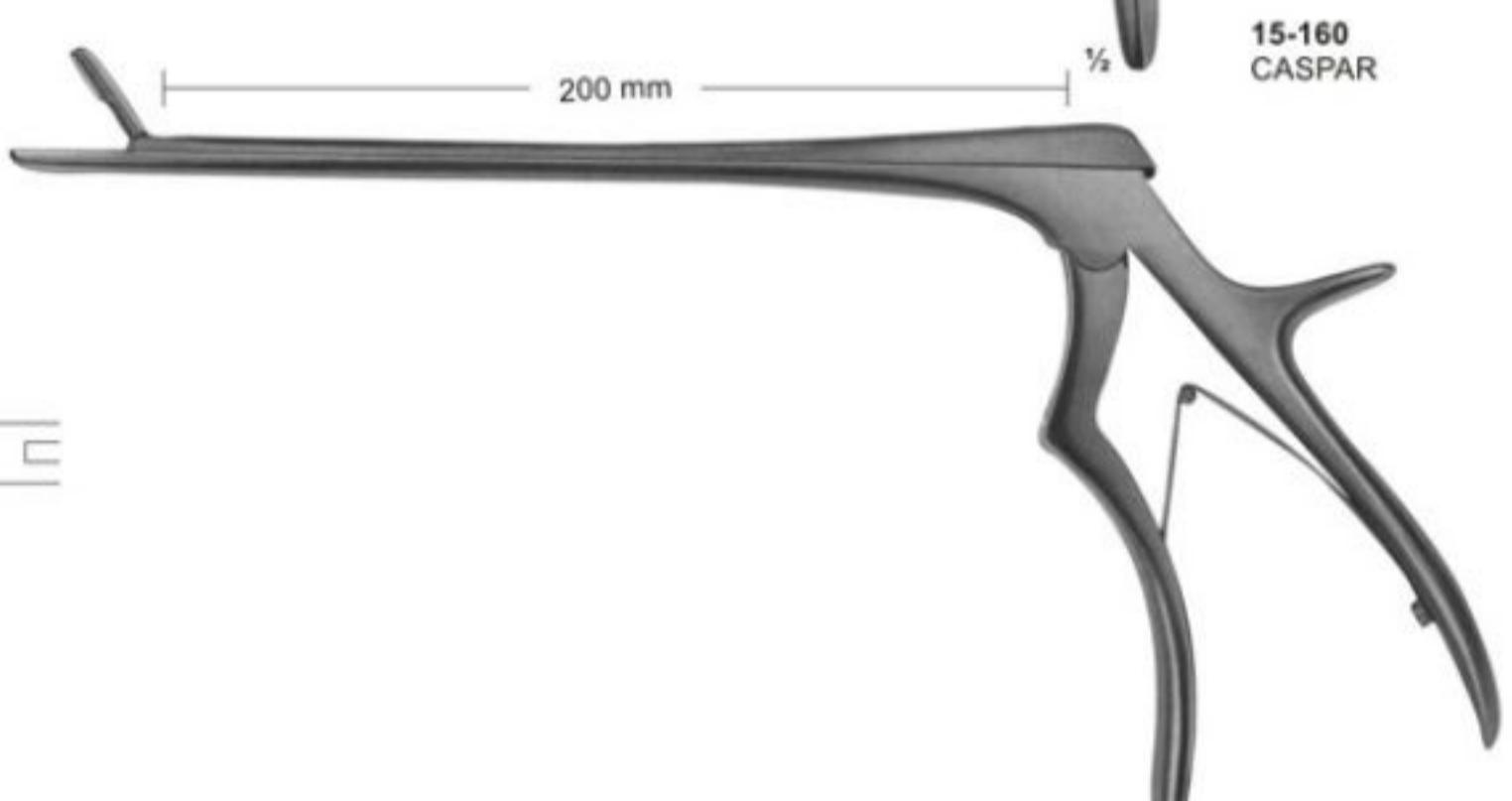
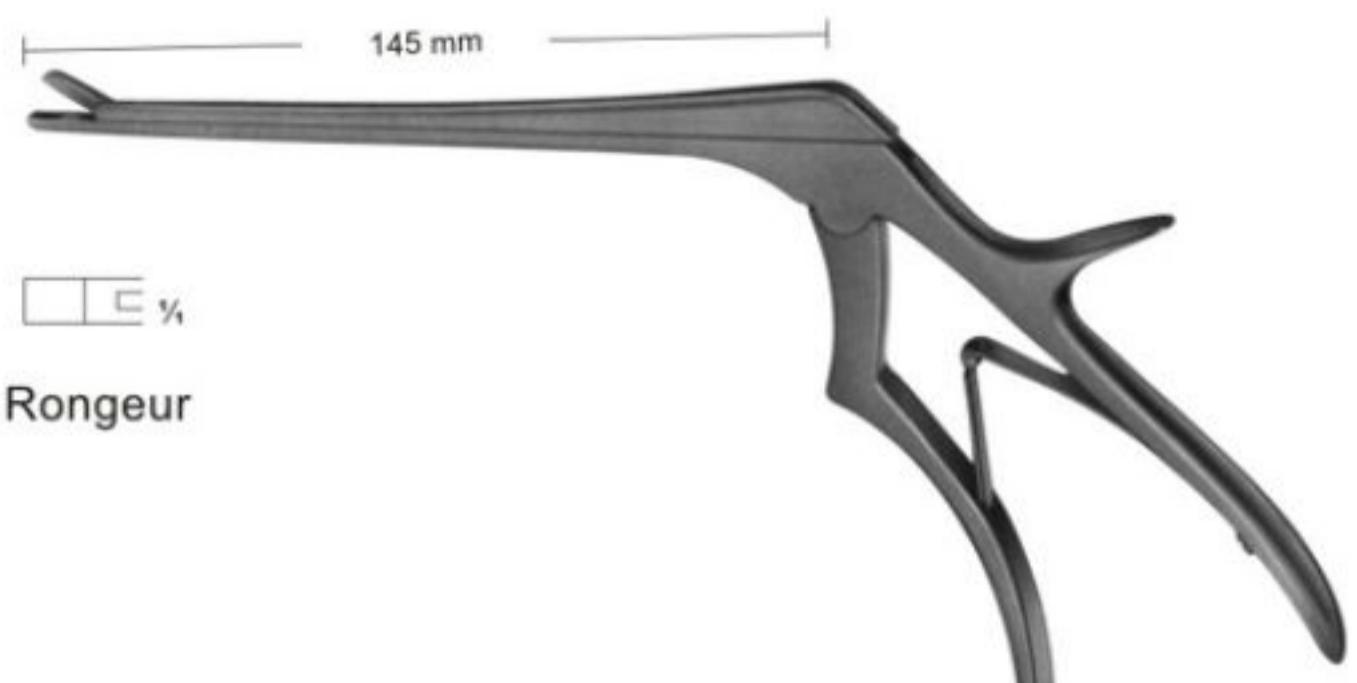
15-150	15-153	15-156	3 X12 mm
--------	--------	--------	----------

15-151	15-154	15-157	4 X14 mm
--------	--------	--------	----------

15-152	15-155	15-158	5 X14 mm
--------	--------	--------	----------

15-150 - 15-158
CASPAR

Rongeurs

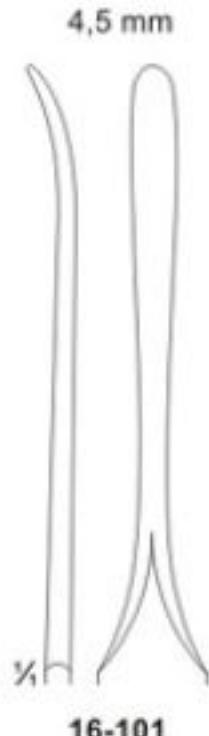


15-161
WAGNER

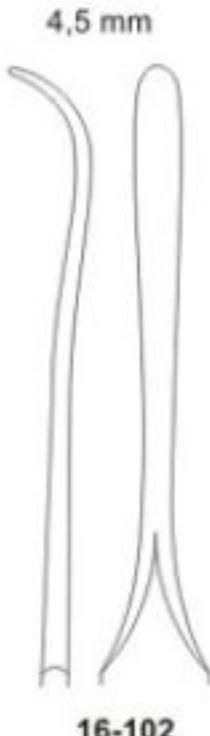
Elevators and Bone Levers



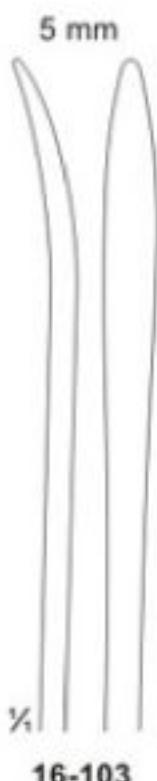
16-101 - 102
KONIG
155 mm



16-101

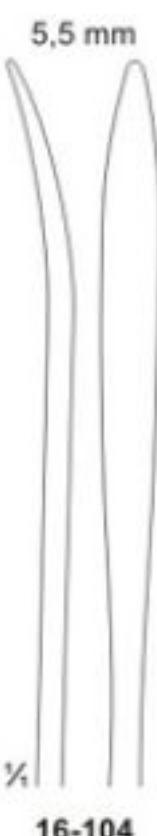


16-102



16-103

16-103
WILLIGER
165 mm

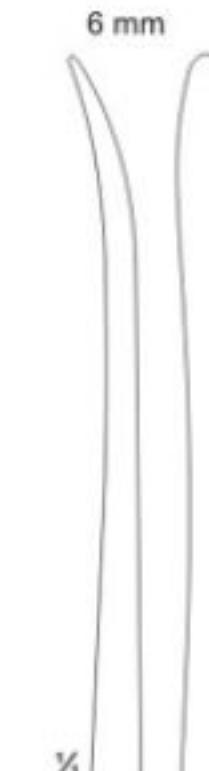


16-104

16-104
WILLIGER
170 mm



16-105
QUERVAIN
195 mm

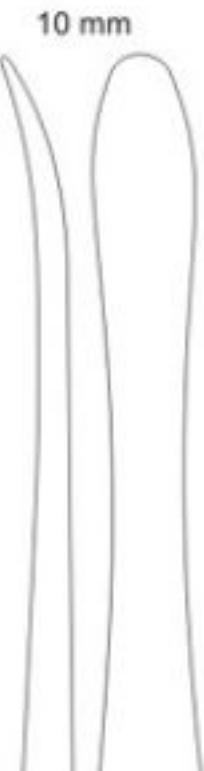


16-105



16-106

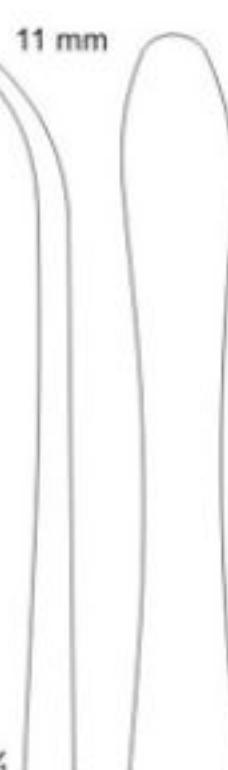
16-106 - 107
LANGENBACK
195 mm



20-107



16-108
LANGENBACK
230mm



16-108

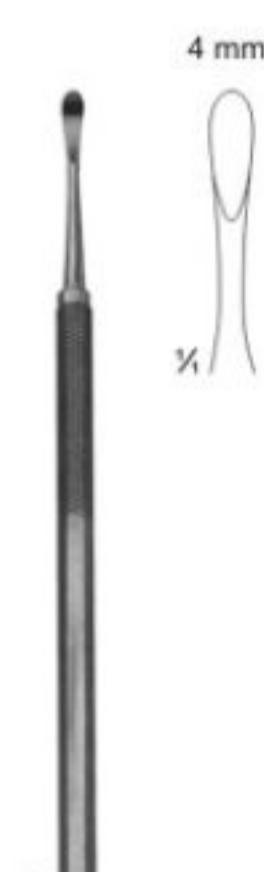
Bone Levers



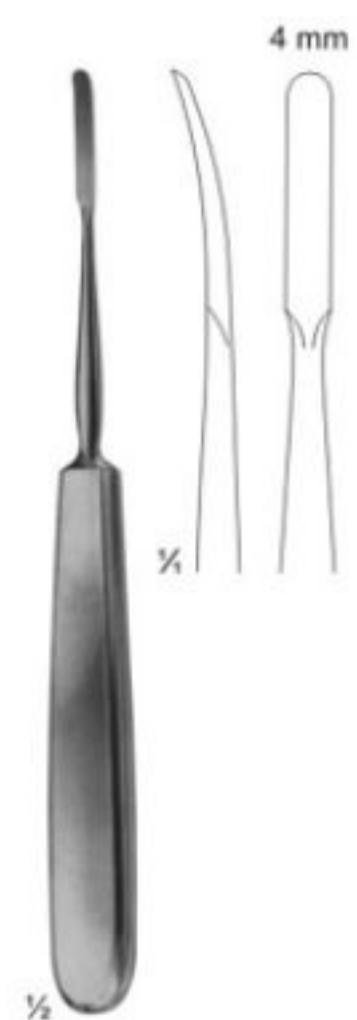
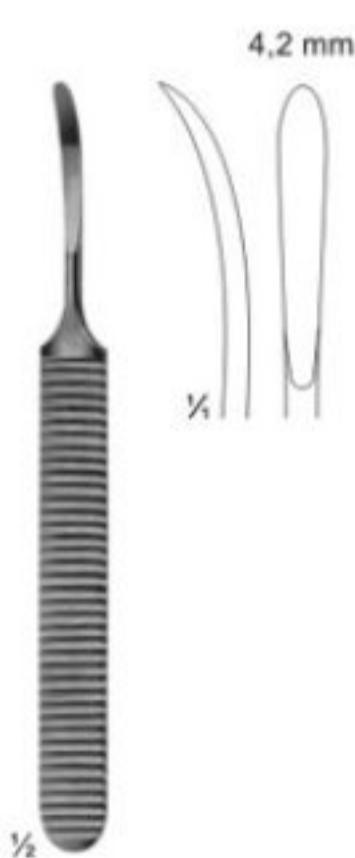
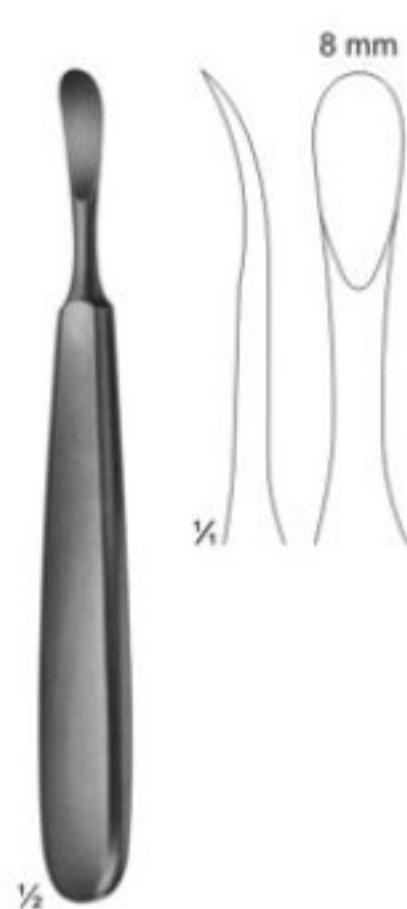
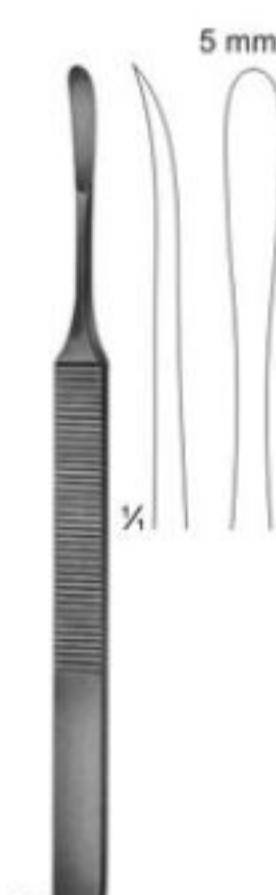
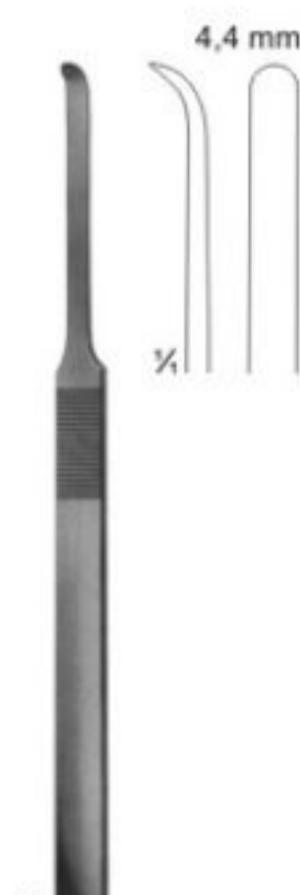
Raspatories



16-114
PARTSCH
150 mm



16-116
PARTSCH mod. LANGE
145 mm



Bone File and Rasps



16-123
JOSEPH
fine, chequered

7,5 mm



16-124
coarse, chequered
165 mm



16-125
8 mm
fine teeth



16-126
8 mm
coarse teeth
175 mm



16-125 - 16-126
LEWIS

1/2



16-127
MALTZ
down stroke
180 mm

9 mm



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

1/2

16-128
9 mm



1/2

16-129
9 mm

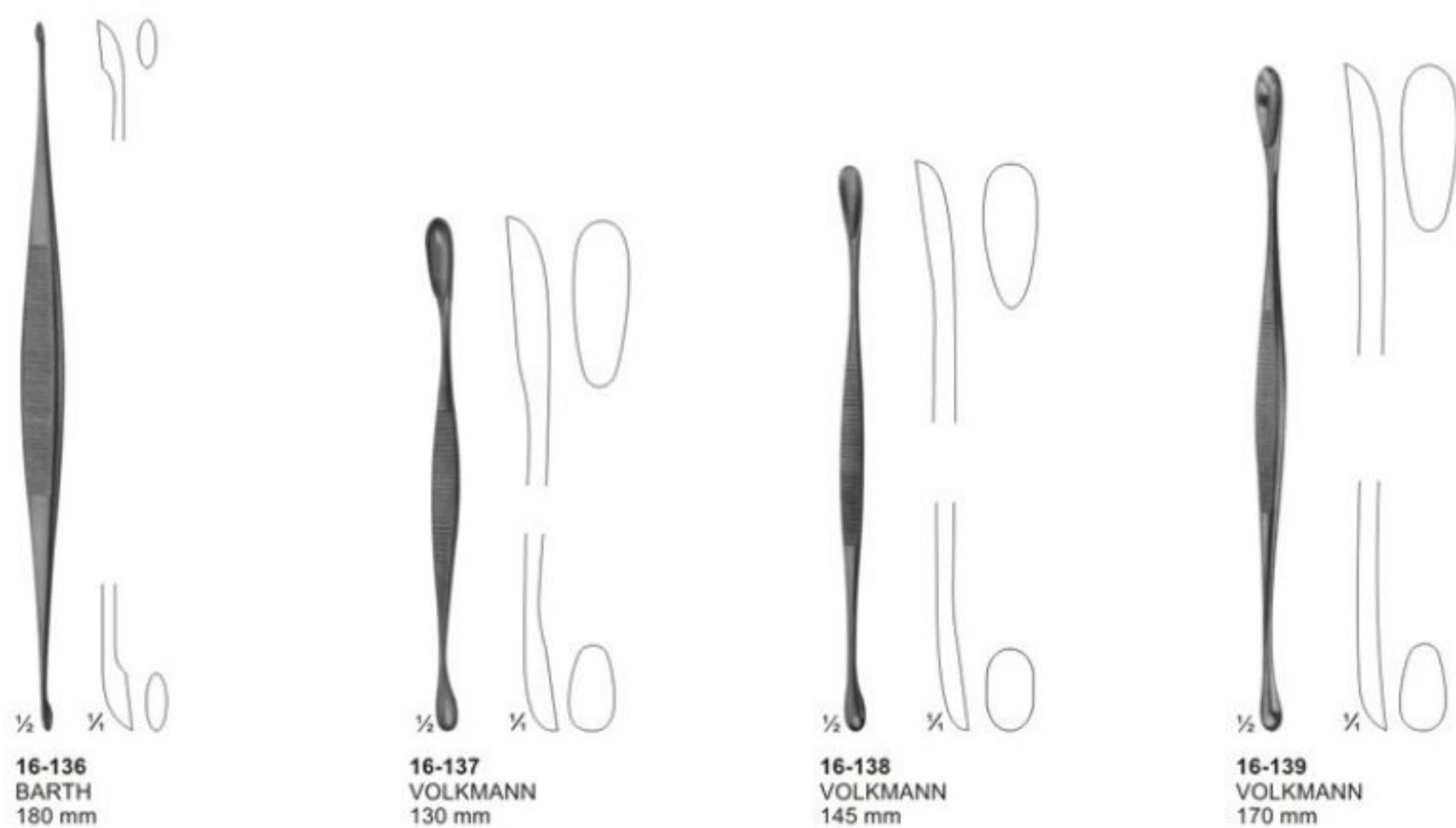
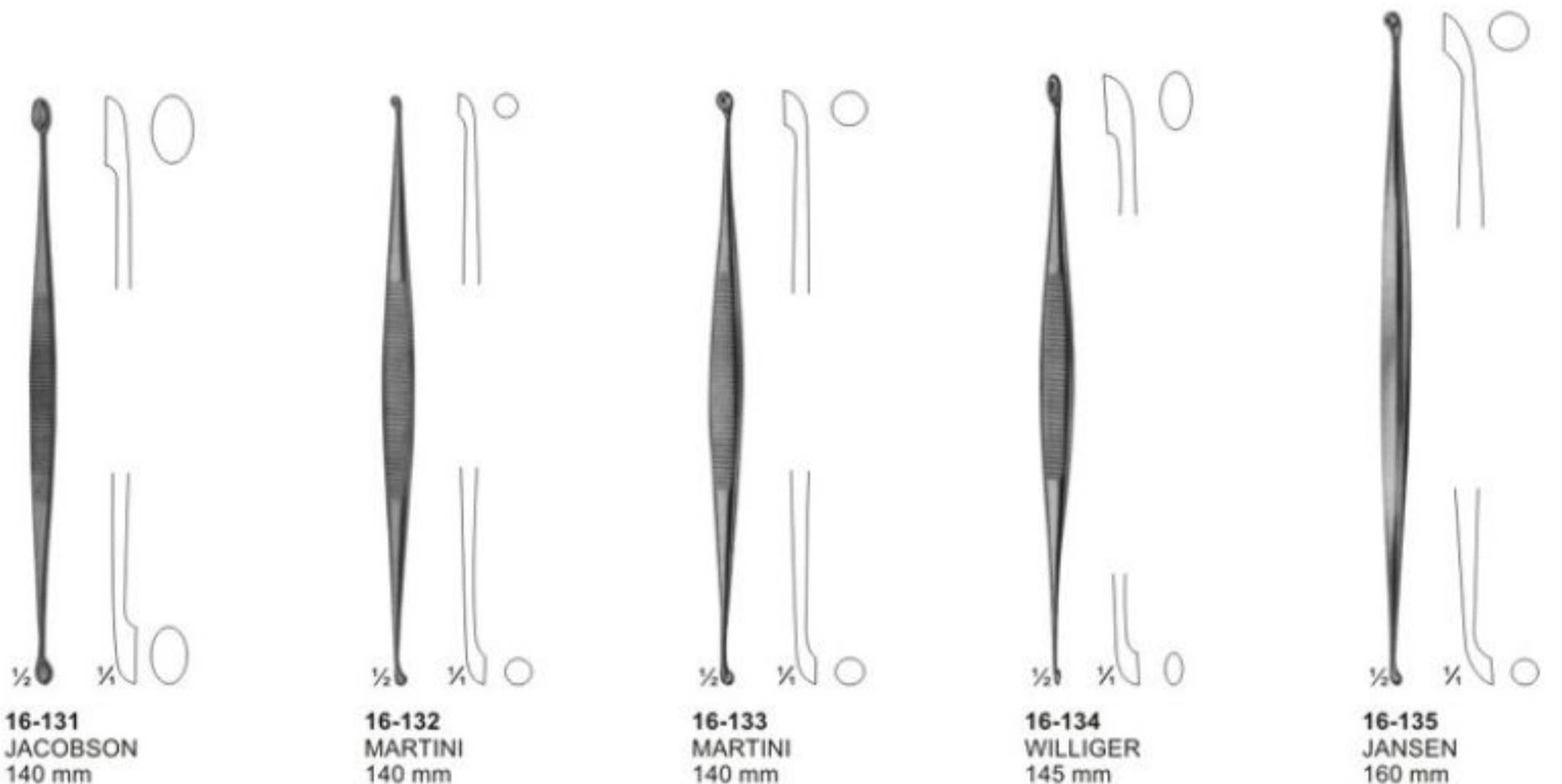


1/2

16-130
GALLAHER
190 mm



Bone Curettes



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



Ø 20 mm

½
17-101
MEAD
185 g
with interchangeable
plastic disks
190 mm
17-102
pair of spare disks



Ø 25 mm

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



Ø 30 mm

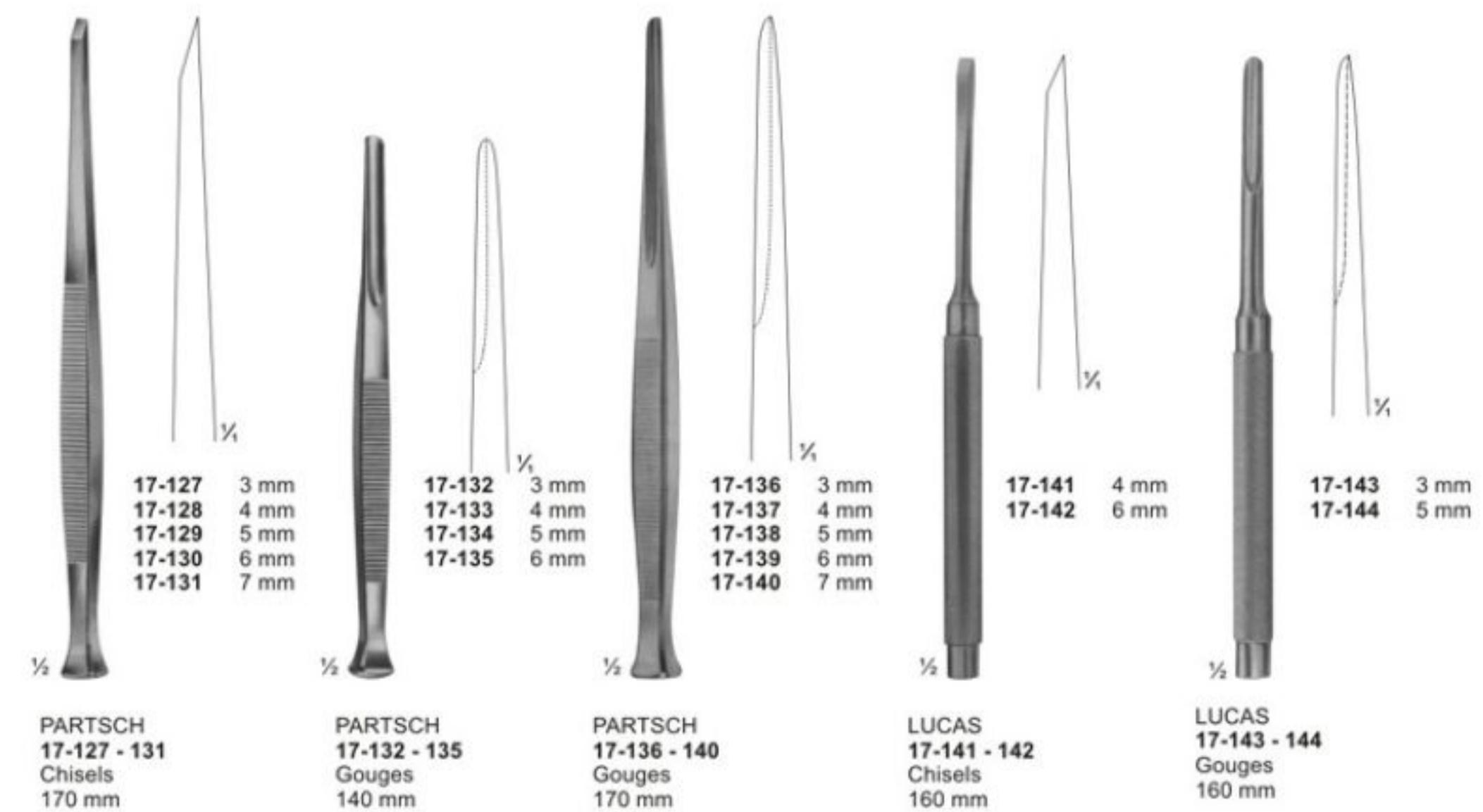
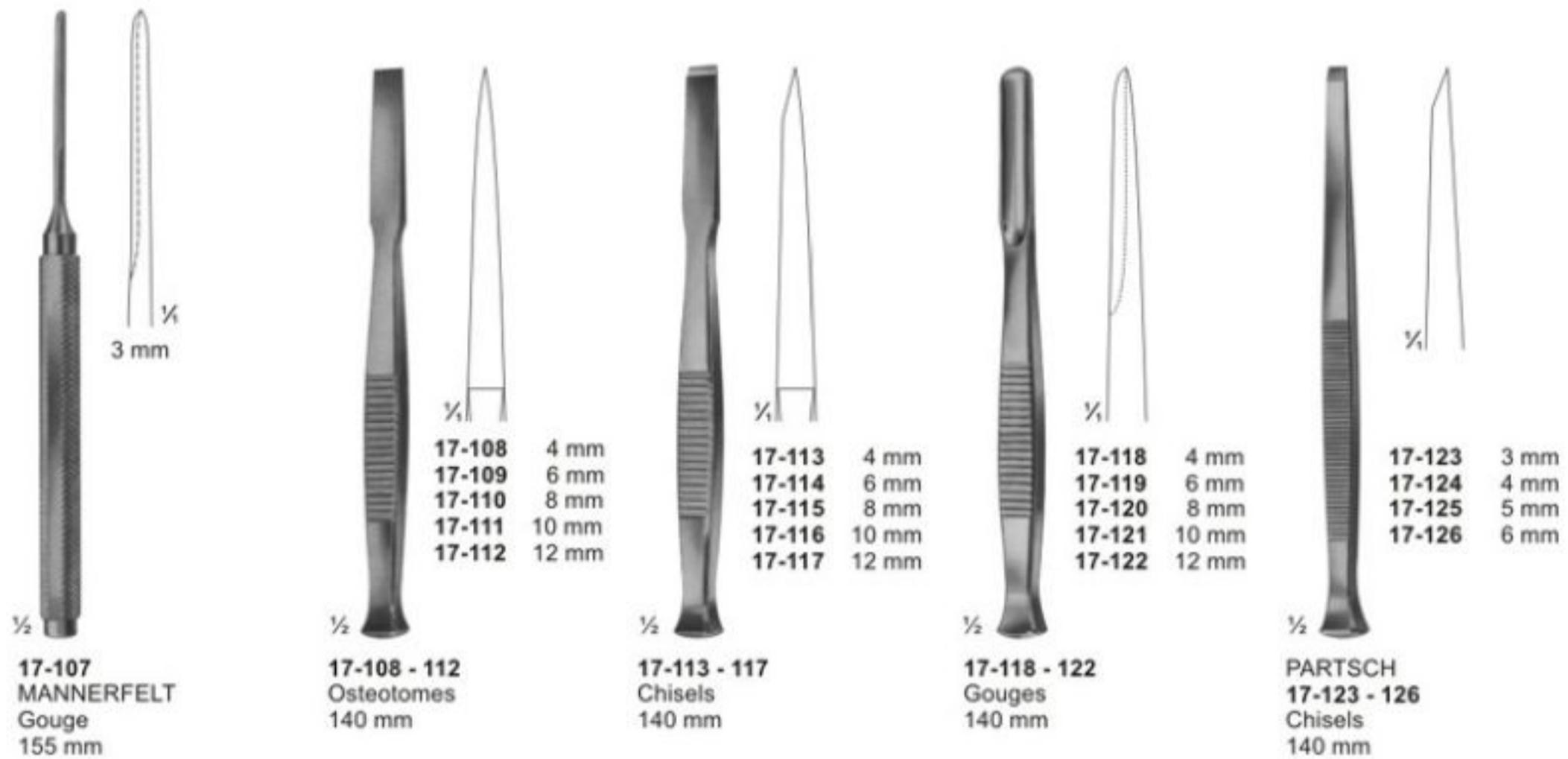
17-105
COTTLE
140 g
1 Side Flat
1 Side convex
185 mm



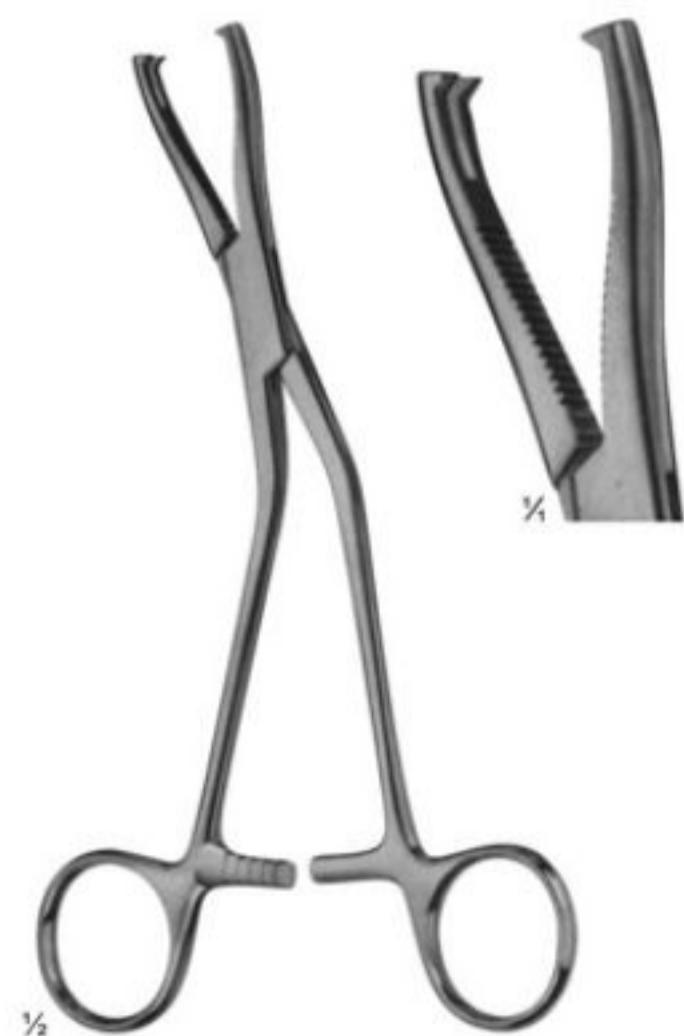
Ø 22 mm

17-106
165 g
lead filled head
190 mm

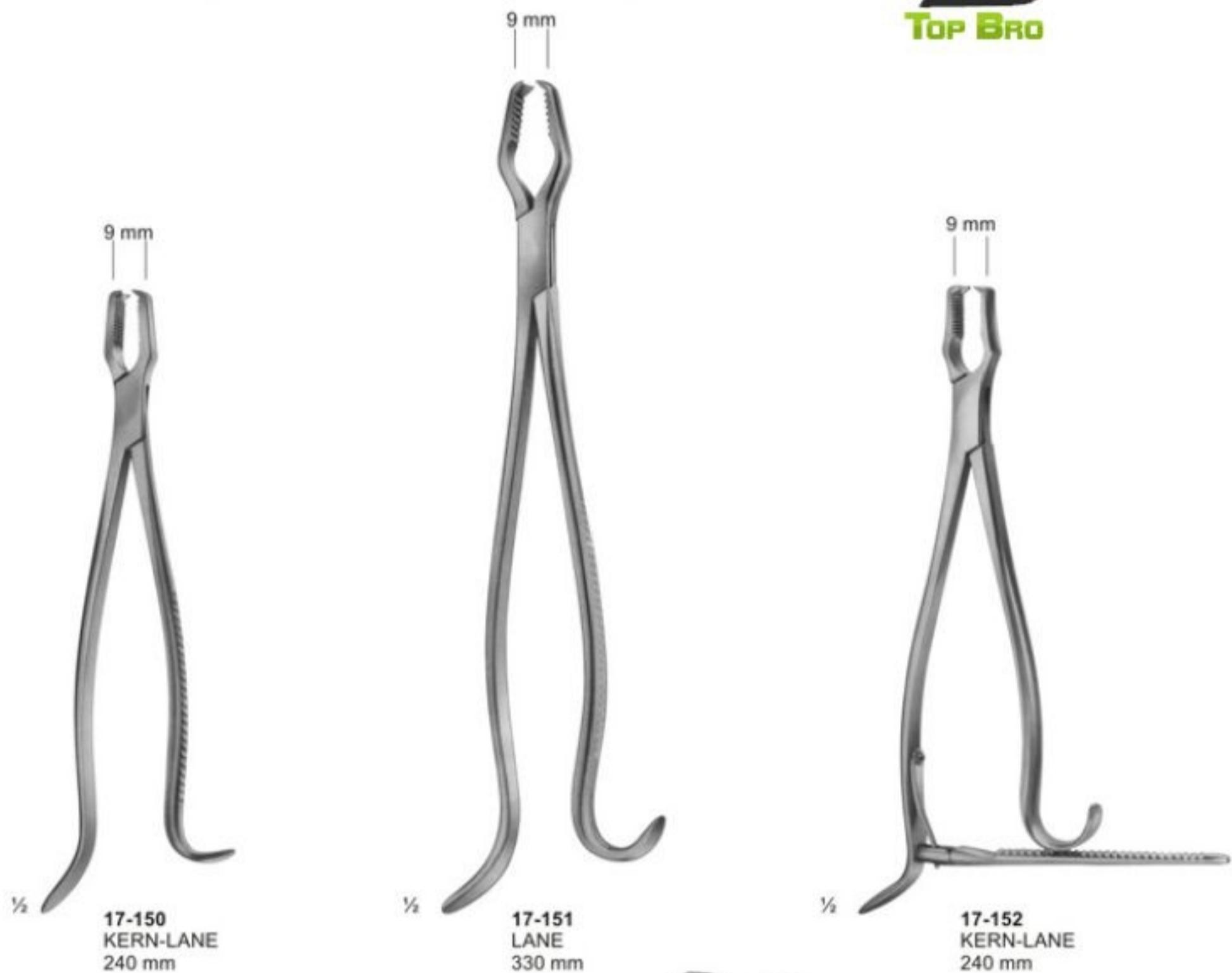
Osteotomes, Chisels and Gouges



Reposition Forceps, Bone Holding Forceps



Bone Holding Forceps & Bone Clamps



17-153



17-154 - 155
LOWMAN
17-154 170 mm
17-155 205 mm



17-156
LOWMAN-GERSTER
210 mm



17-157
LOWMAN-HOGLUND
175 mm

Bone Rongeurs



17-158
LUER
150 mm



17-159
LUER
155 mm



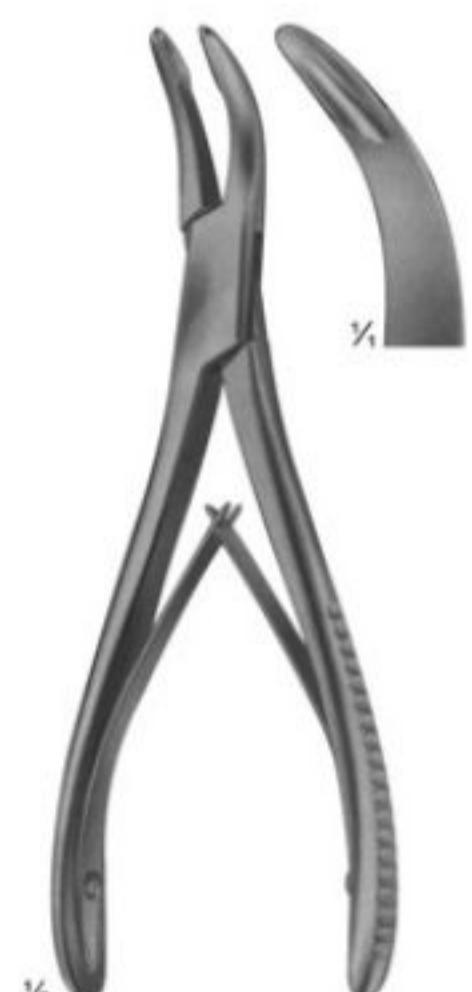
17-160
BLUMENTHAL
155 mm



17-161
BLUMENTHAL
150 mm

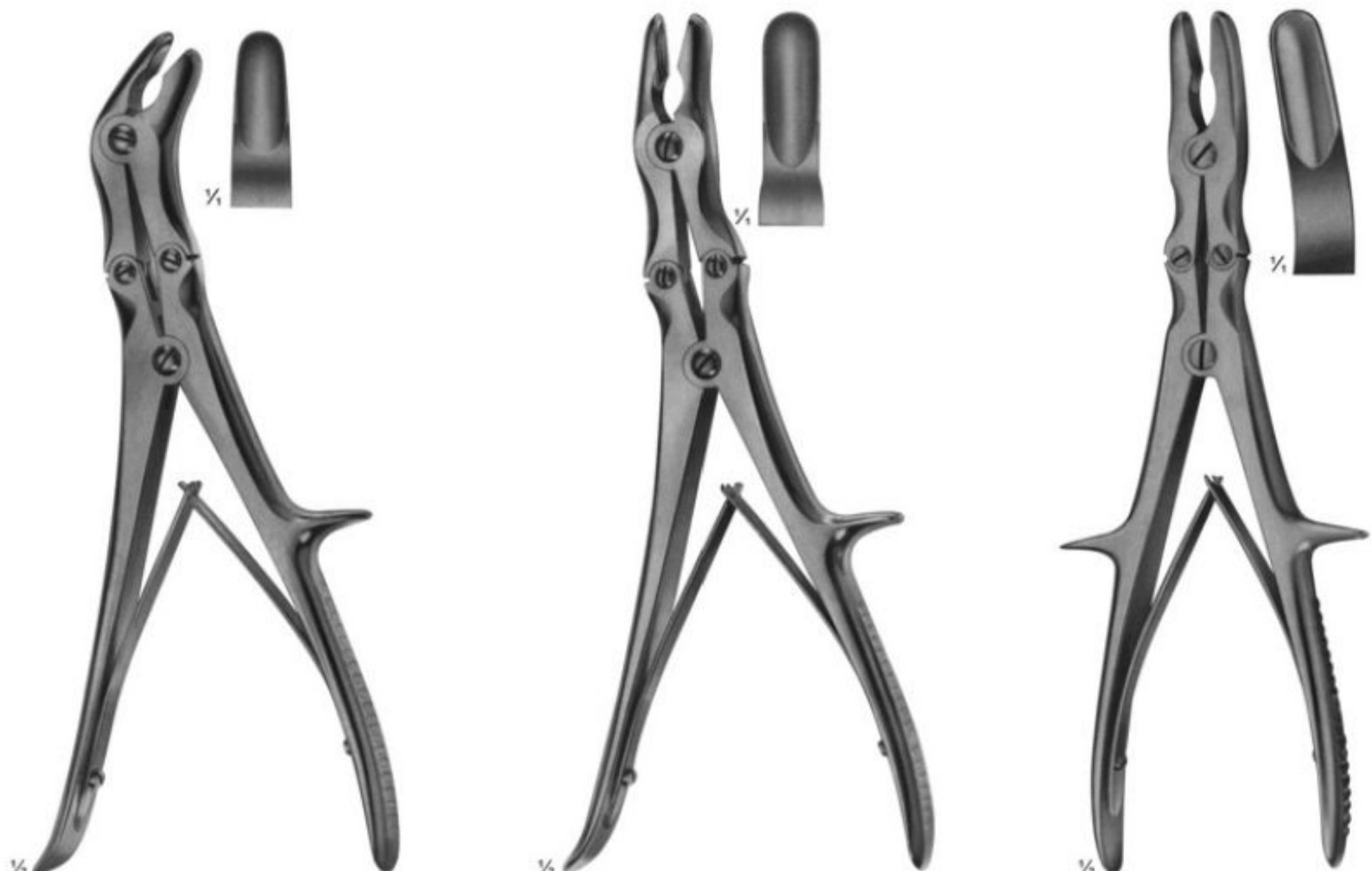


17-162 - 163
JANSEN
175 mm



17-164
BANE-HARTMANN
175 mm

Bone Rongeurs

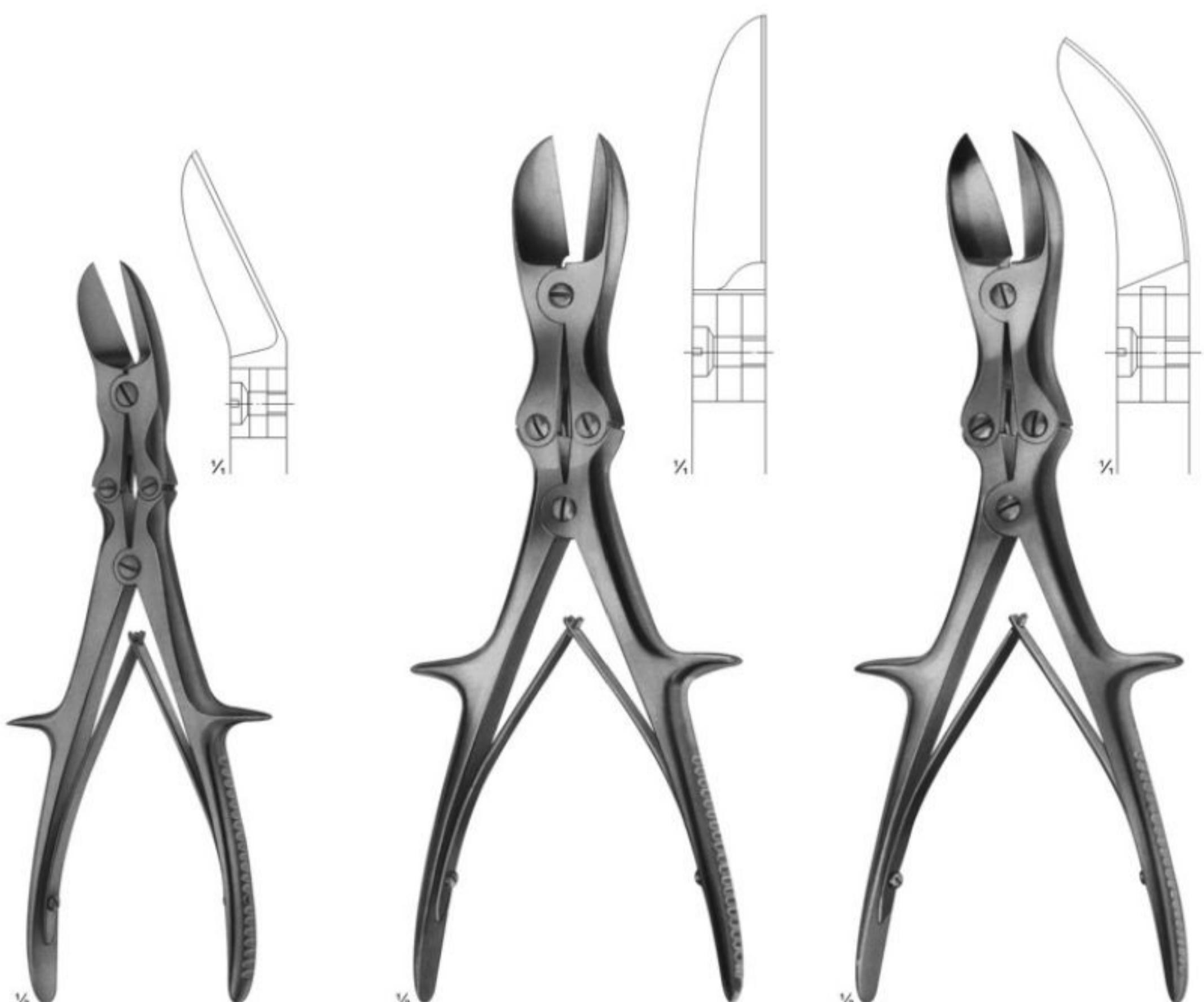


17-165
STILLE
235 mm

17-166
LEKSELL-STILLE
240mm

17-167
STILLE-RUSKIN
240mm

Bone Cutting Forceps

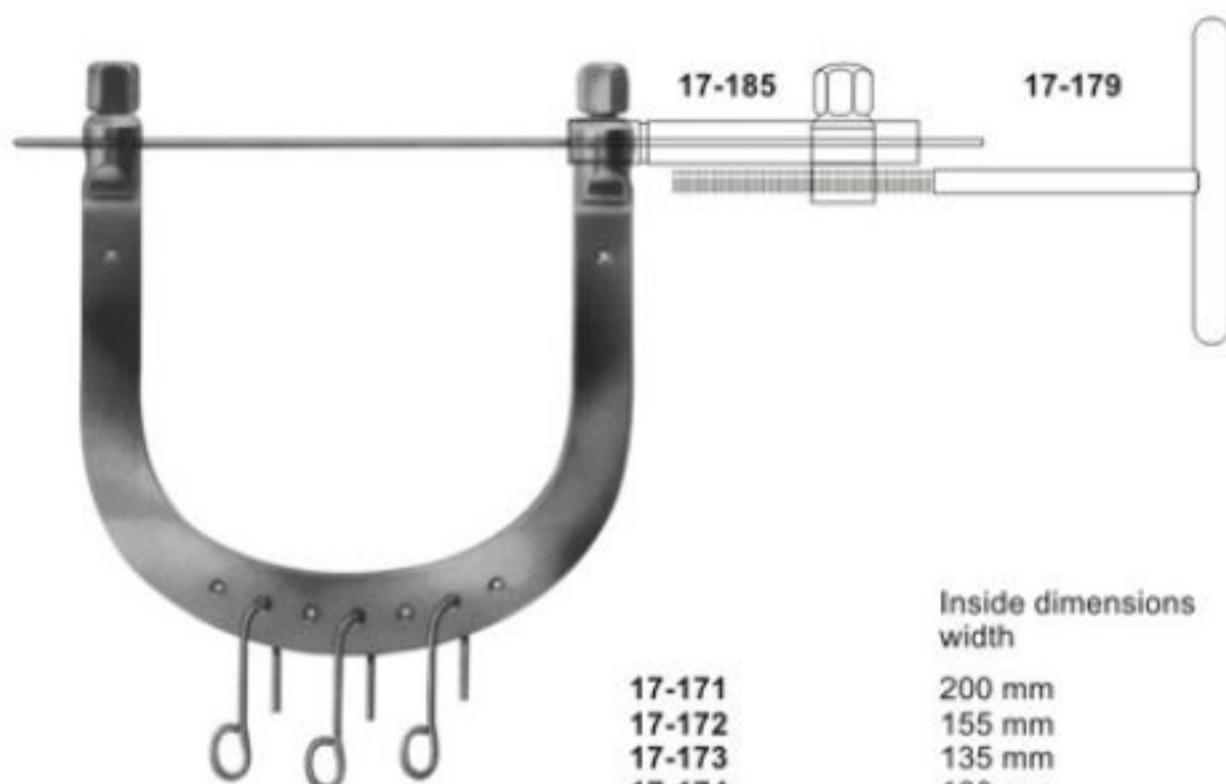


17-168
LISTON
curved on flat
240 mm

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



17-180
Traction hook only,
large size

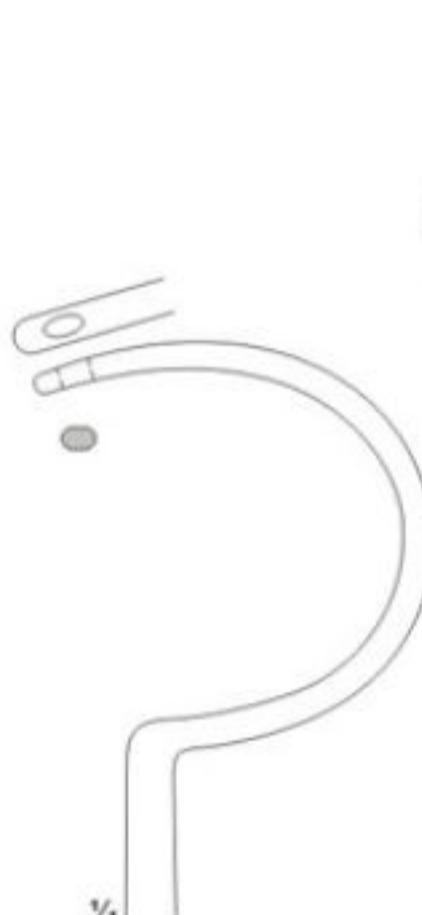
17-181
Traction hook only,
small size

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

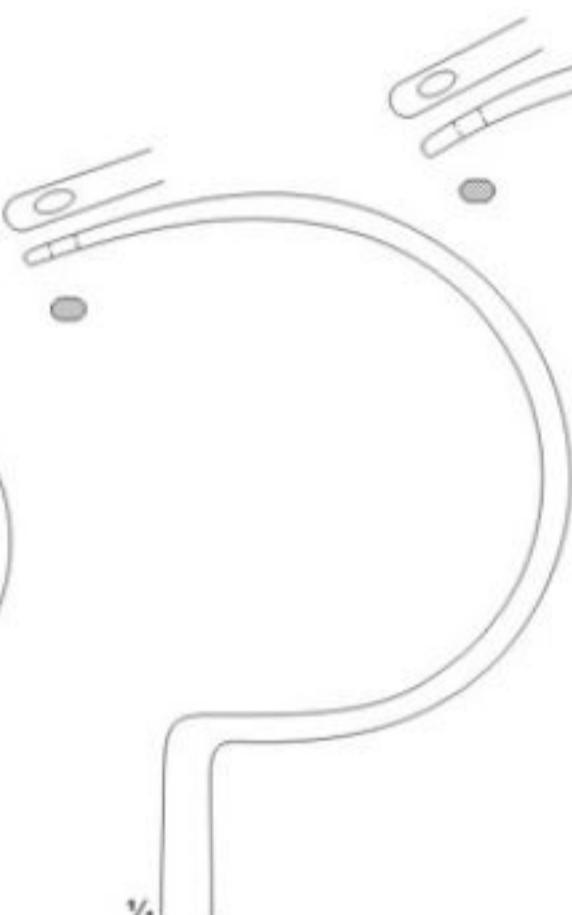


17-185
Fixation clamp, to secure clamping
jaws of 17-179 stainless steel

Cerclage Instruments



17-186
275 mm



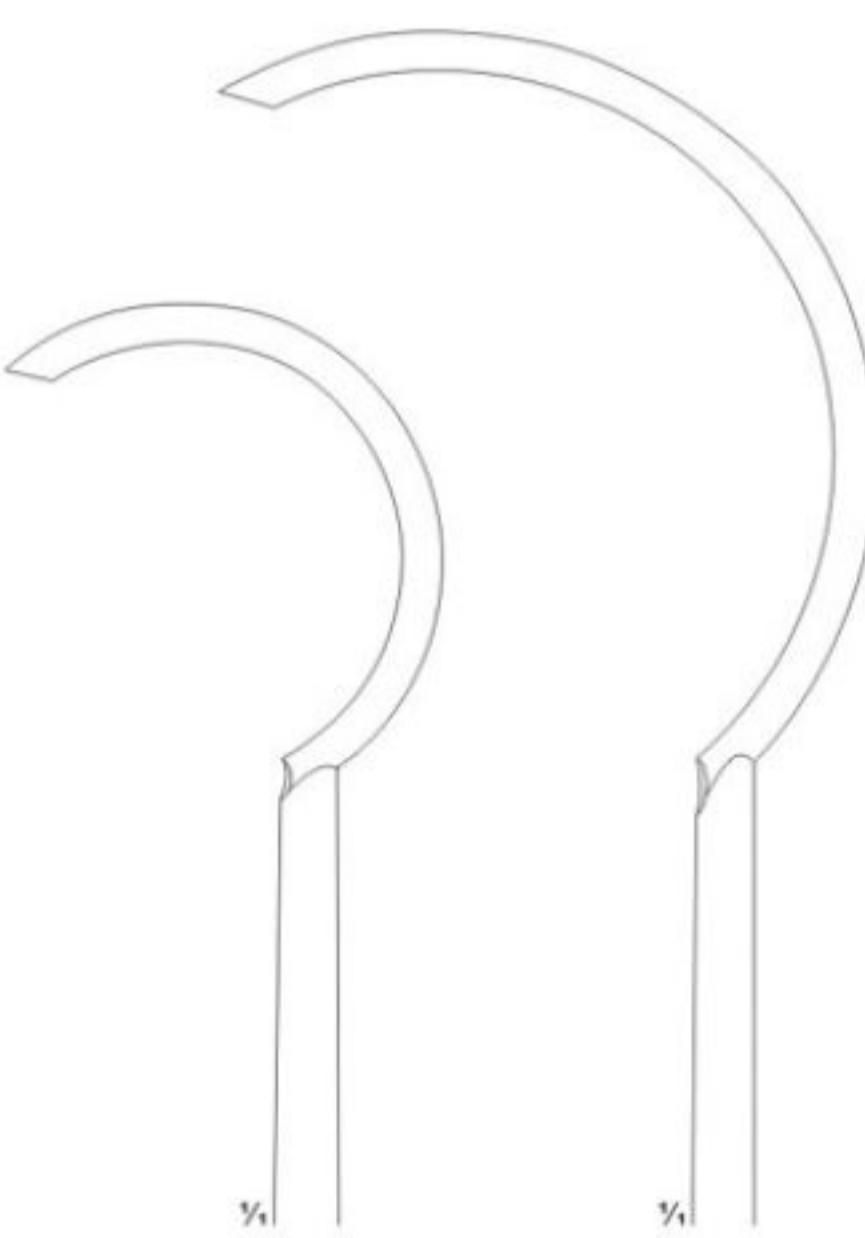
17-187
285 mm



17-188
305 mm



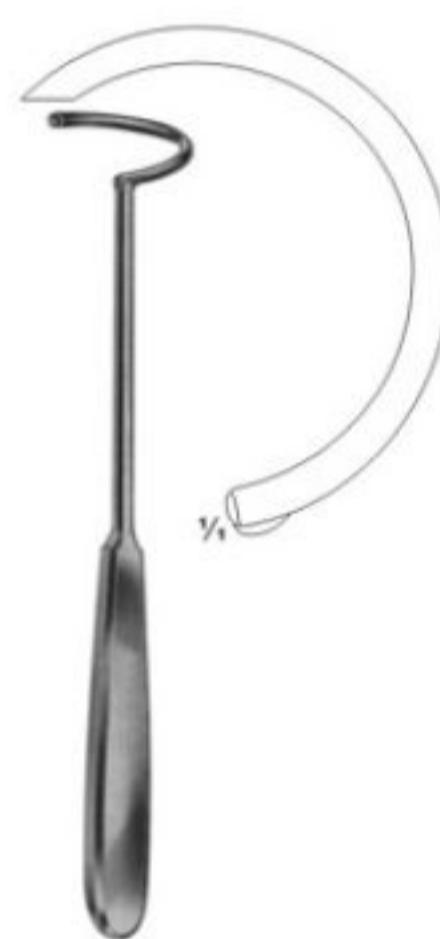
17-186 - 17-188
DEMEL
Wire guides



17-189
240 mm

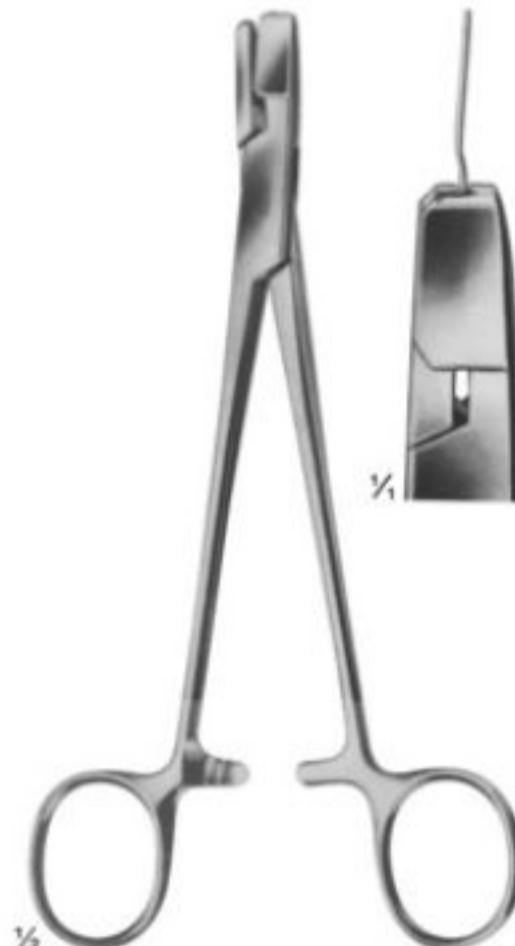


17-190
270 mm



17-191
225 mm

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



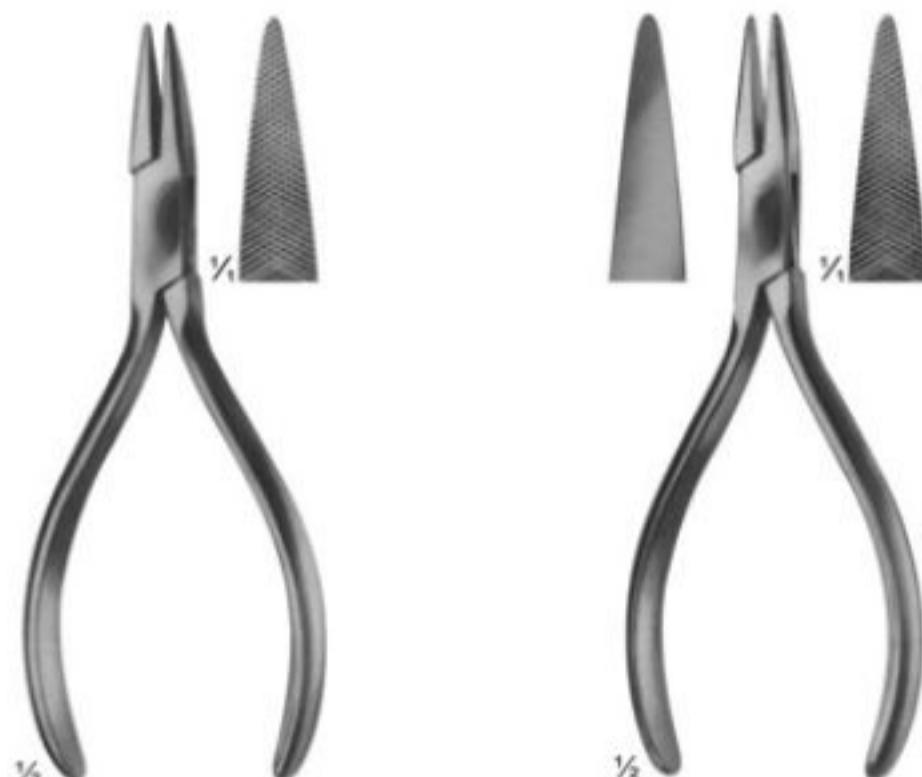
17-192
DUROGRIP
Holding forceps for cerclage
wire, with lateral jaws to avoid
wire slipping off
170 mm



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



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



17-195
with serrated jaws
140 mm



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



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



17-199
190 mm

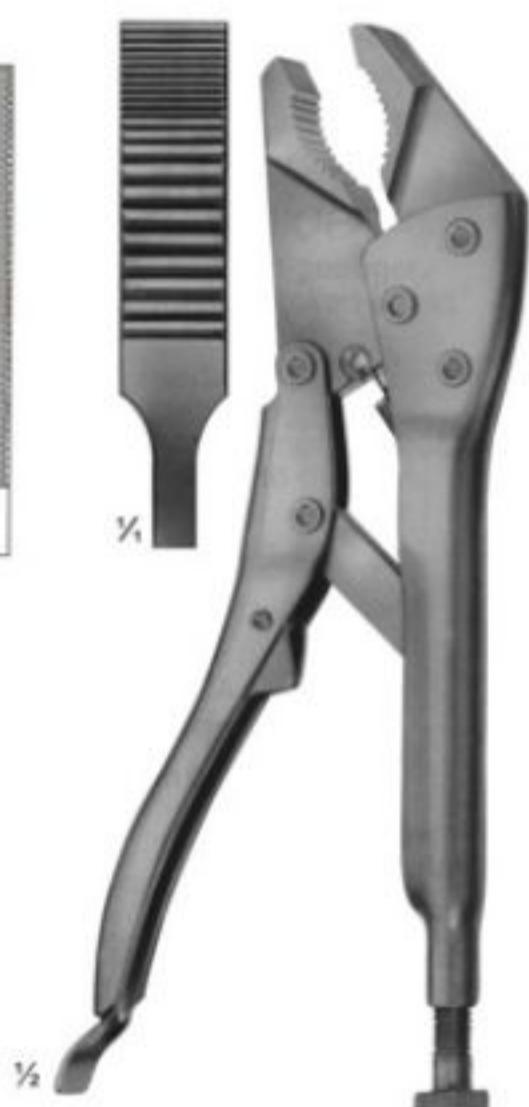
Wire Holding forceps, Flat-nosed Pliers,
Pliers for bending and cutting wires



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



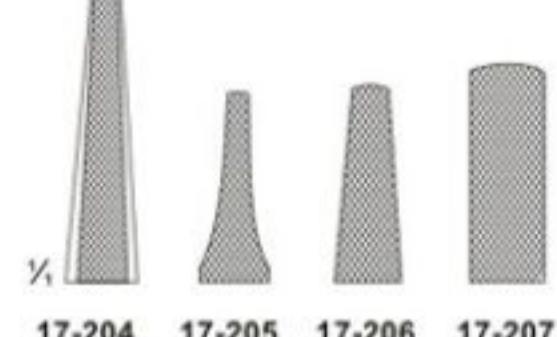
17-202
Flat-nosed pliers,
parallel
185 mm



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



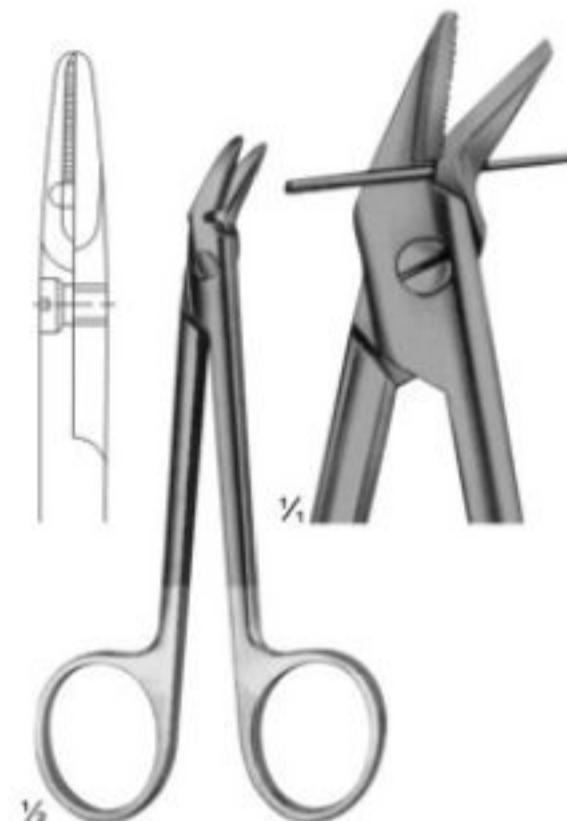
17-209
ANGLE
130 mm

17-210
DUROTIP
ANGLE
130 mm

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

0,5 mm
0,6 mm

0,3 mm
0,4 mm



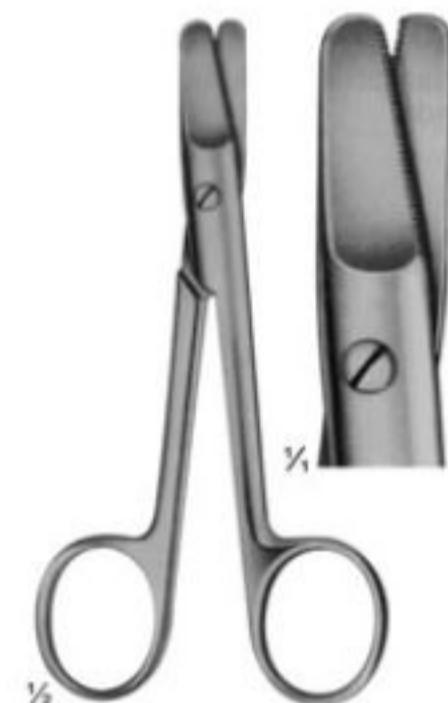
17-211
120 mm

17-212
DUROTIP
120 mm

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

1,2 mm
0,8 mm

1,2 mm
0,8 mm



17-213
HARVEY
125 mm

0,4 mm
0,3 mm



17-214
150 mm

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

1,5 mm
1,0 mm



17-215
160 mm

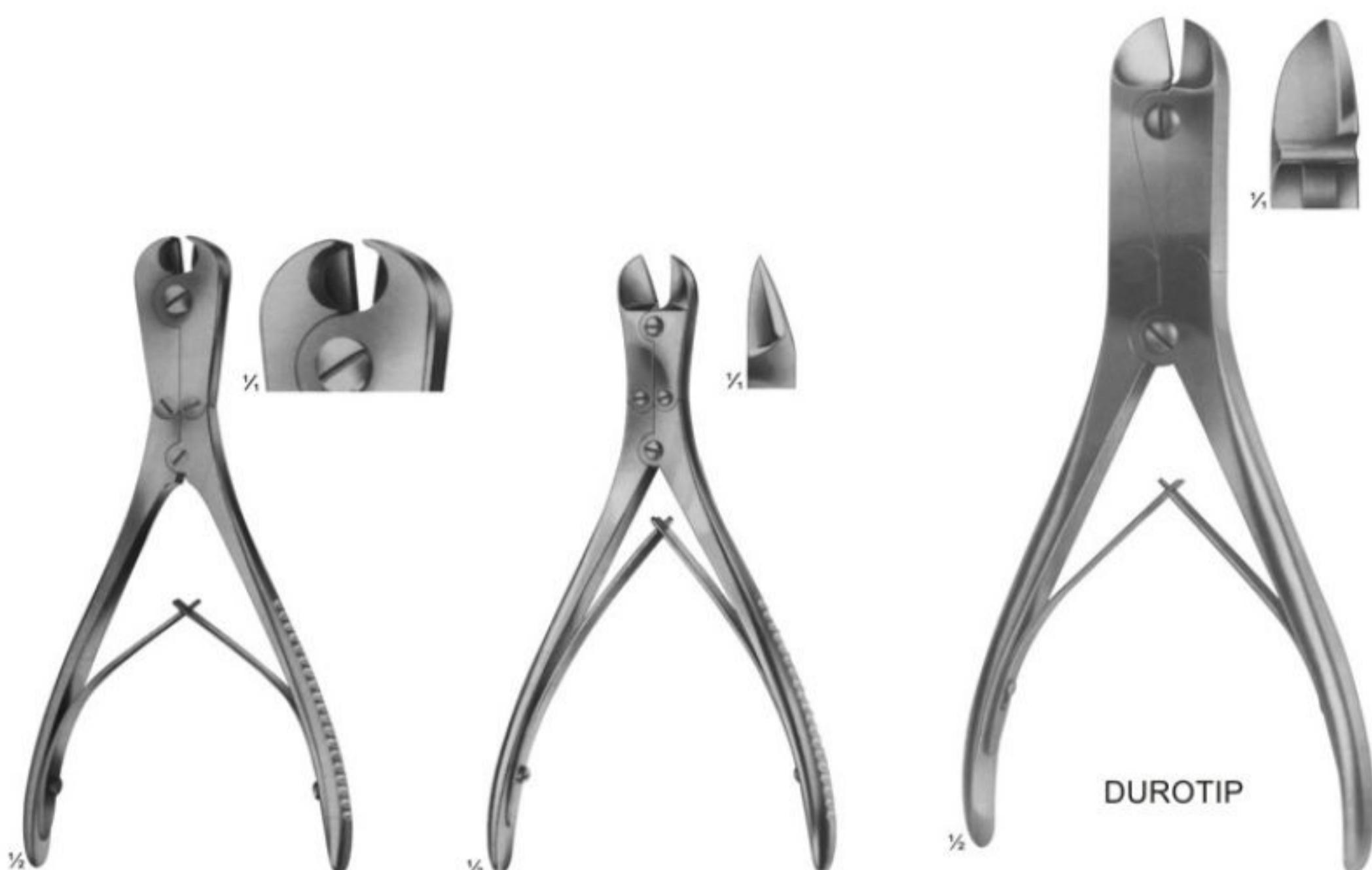
1,5 mm
1,2 mm



17-216
140 mm
DUROTIP
1,5 mm

1,0 mm

Wire Cutting Pliers, Lateral Cutting Action



17-217
180 mm

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

17-218
REILL
175 mm

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

DUROTIP

17-219
235 mm

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

Wire Cutting Pliers, Lateral and Front Cutting Action



specially
hardened
cutting
edges



Durotip



Durotip



Durotip

17-220
240 mm

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

17-221
145 mm

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

17-222
145 mm

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

17-223
220 mm

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

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



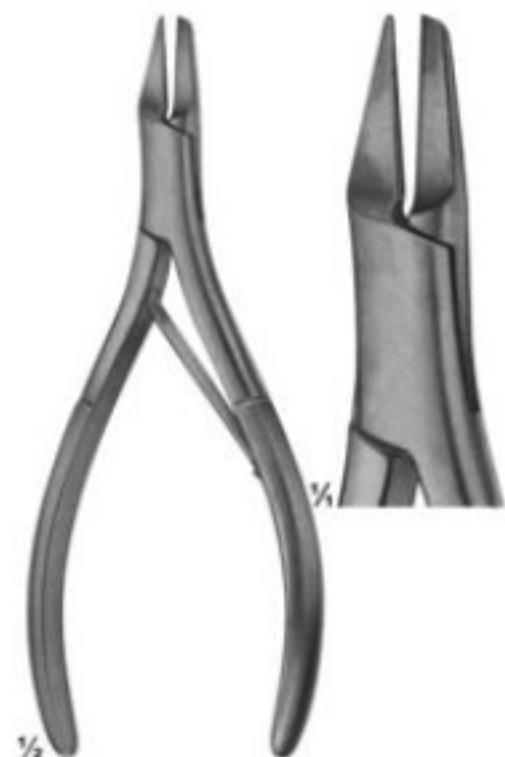
17-226
Nail extracting
forceps
135 mm



17-227
Nail extracting
forceps
145 mm



Drill points only



17-231
Nail splitting
forceps
135 mm

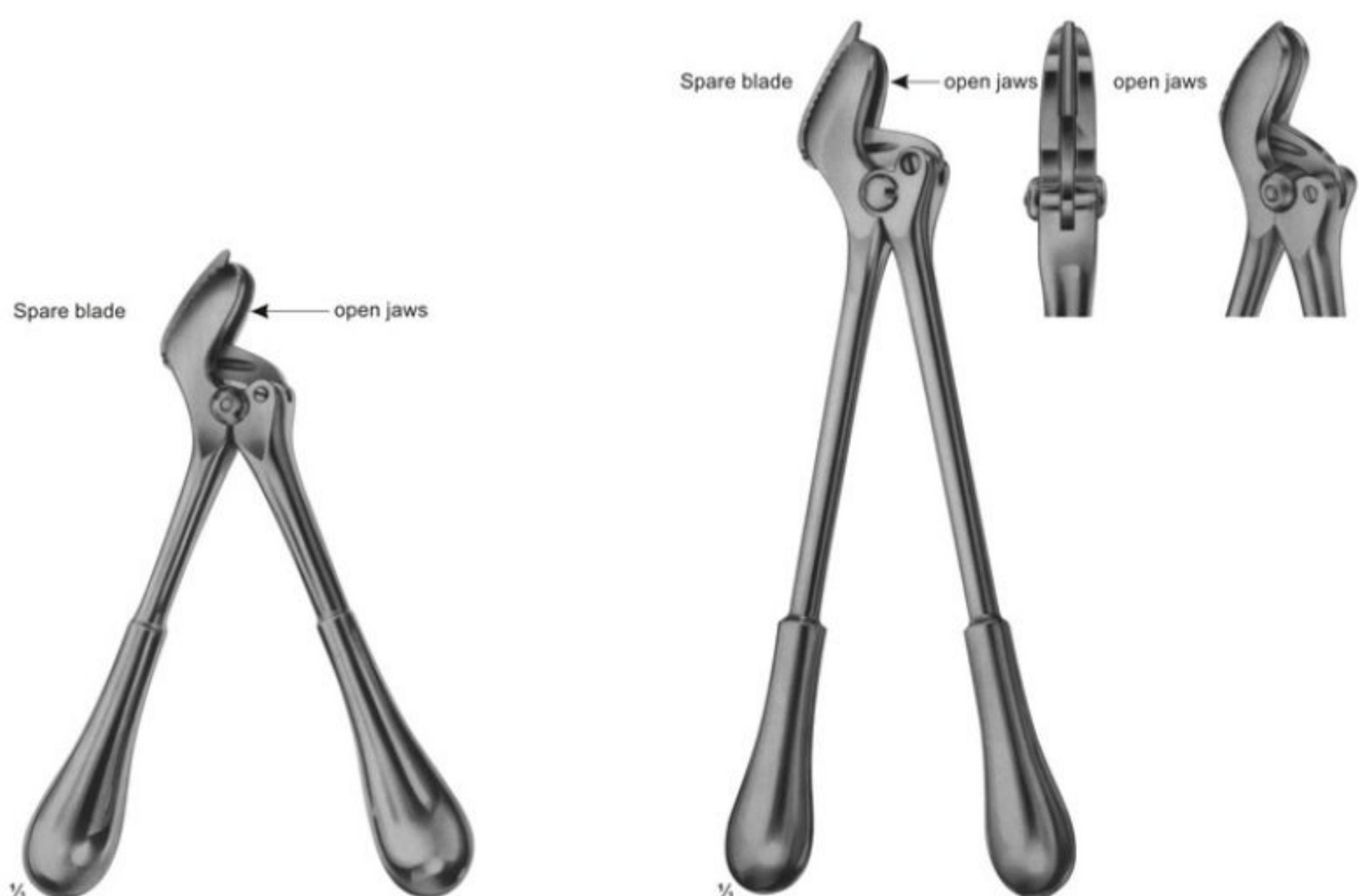


17-232
SYSTRUNK
Scissors, for splitting
finger nails
130 mm



Spare blade
17-234

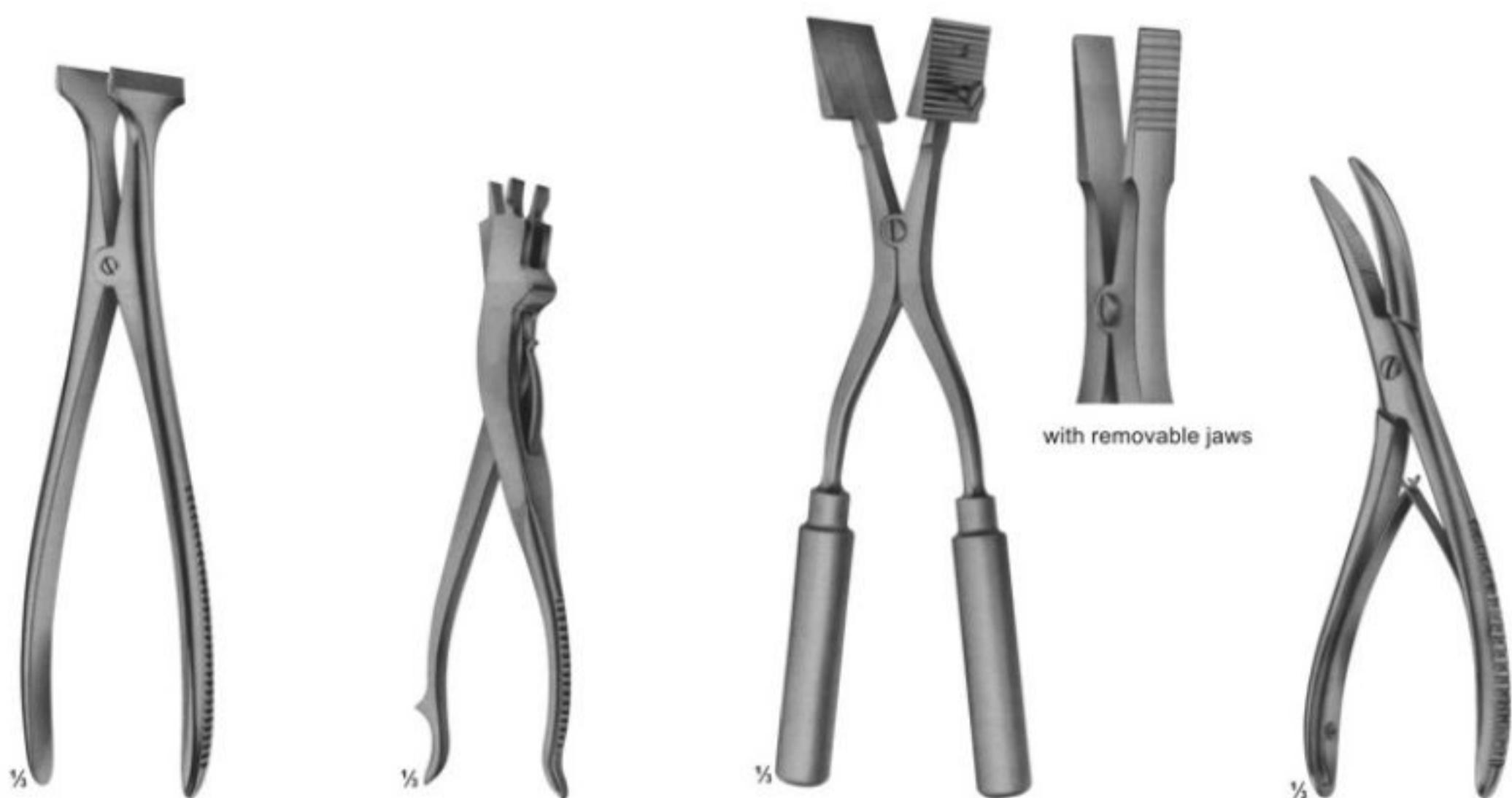
Plaster Shears



17-235
STILLE-AESCULAP
260 mm

17-236
STILLE-AESCULAP
360 mm

Plaster Spreader, Plaster Breakers



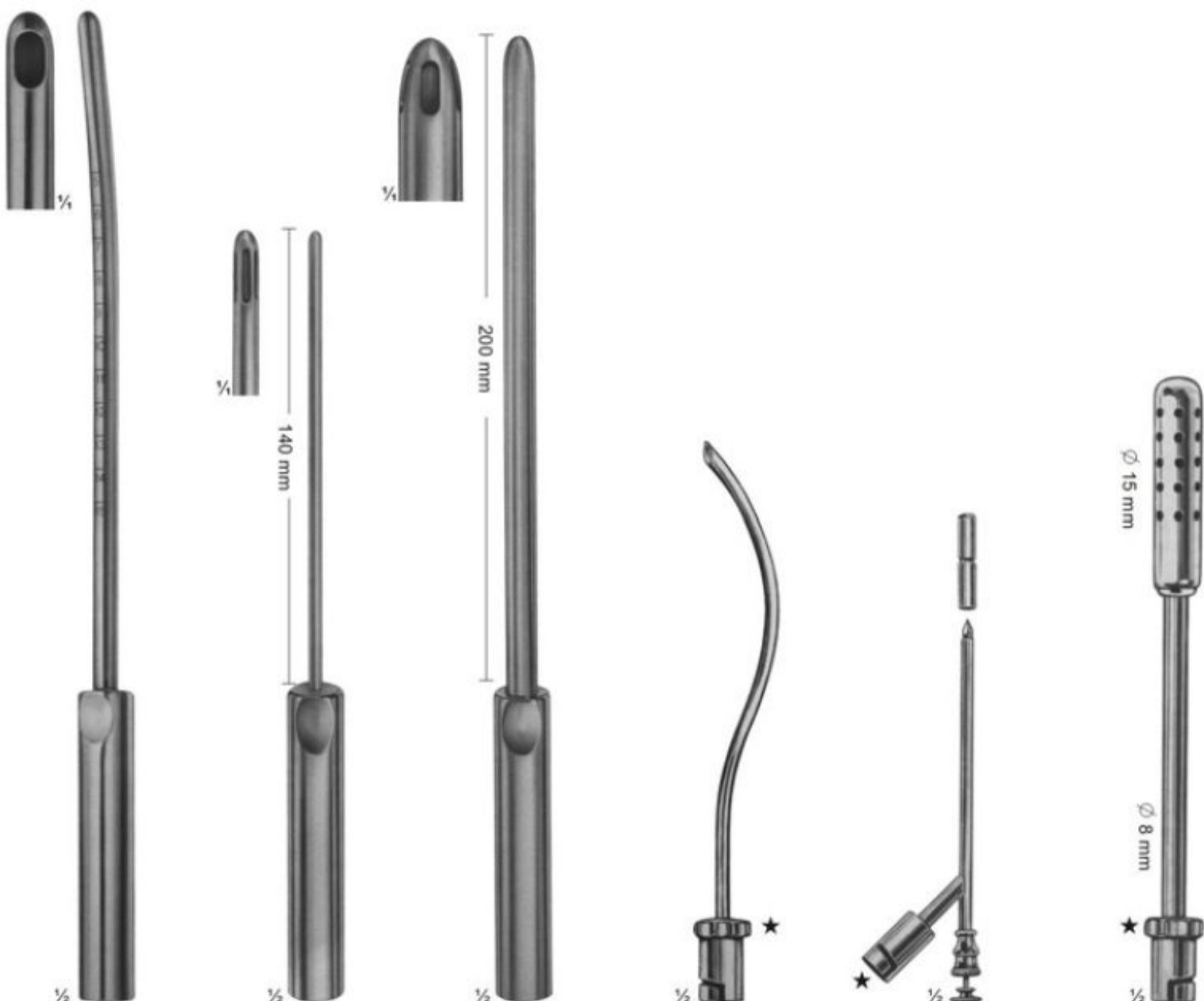
17-237
HENING
270 mm

17-238
MOD.USA
230 mm

17-239
290 mm

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

Vacuum Curettes for Aspiration Lipectomy, Suction Instruments



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

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

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

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

18-113
Trocar
For puncturing
150 mm

18-114
For clearing large quantities of fluid
190 mm

Suction Instruments

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



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



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



18-117
Trocar
For puncturing
170 mm

18-118
Hollow needle,
sharp
150 mm

18-119
double curved
For general
surgery
230 mm

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

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

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

Suction Instruments

18-122

WULLSTEIN

Suction tube, conical, silver, olive
with LUER hub
160 mm

Ø 1,75 mm

Ø 3 mm

olive

Ø 8 mm

½

18-123 1,5 mm

18-124 2,0 mm

WULLSTEIN

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

olive

Ø 8 mm

½

Usable length

YASARGIL usable length diam.

18-125 130 mm 1,5 mm

18-126 150 mm 1,5 mm

18-127 180 mm 1,5 mm

18-128 220 mm 1,5 mm

18-129 130 mm 2,0 mm

18-130 150 mm 2,0 mm

18-131 180 mm 2,0 mm

18-132 220 mm 2,0 mm

YASARGIL usable length diam.

18-133 130 mm 2,5 mm

18-134 150 mm 2,5 mm

18-135 180 mm 2,5 mm

18-136 220 mm 2,5 mm

18-137 130 mm 3,5 mm

18-138 150 mm 3,5 mm

18-139 180 mm 3,5 mm

18-140 220 mm 3,5 mm

18-141 180 mm 4,5 mm

olive

Ø 6,5-9 mm
with LUER hub

18-142 - 18-144

LANDOLT

150 MM

diam Ø 3 mm

18-142 8 mm / curved

18-143 11mm / curved

18-144 15mm / curved

Ø 3,5 mm

Ø 2,0 mm

18-145 500 mm

18-146 350 mm

with rubber tip,

with LUER hub

olive

Ø 9 mm

½

18-147 2,0 mm diam

18-148 2,5 mm diam

18-149 3,0 mm diam

with finger cut-off,

thumb piece 90° to

curve, with LUER hub

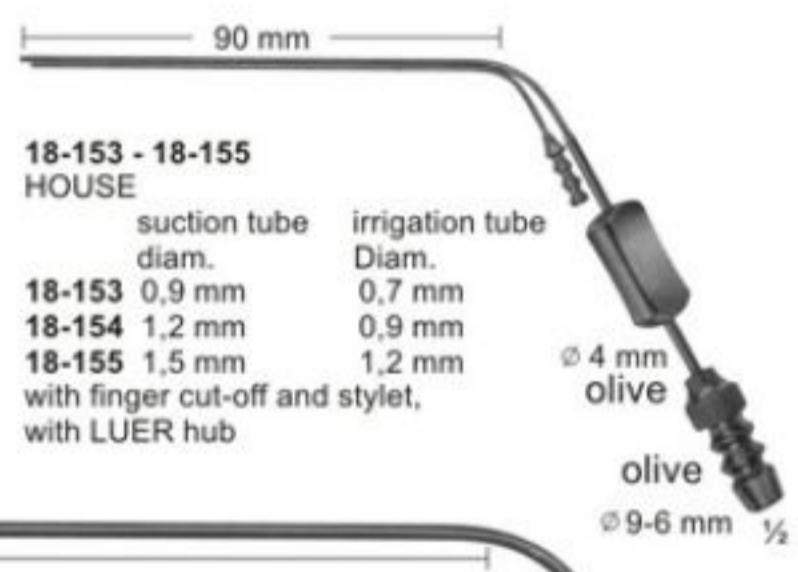
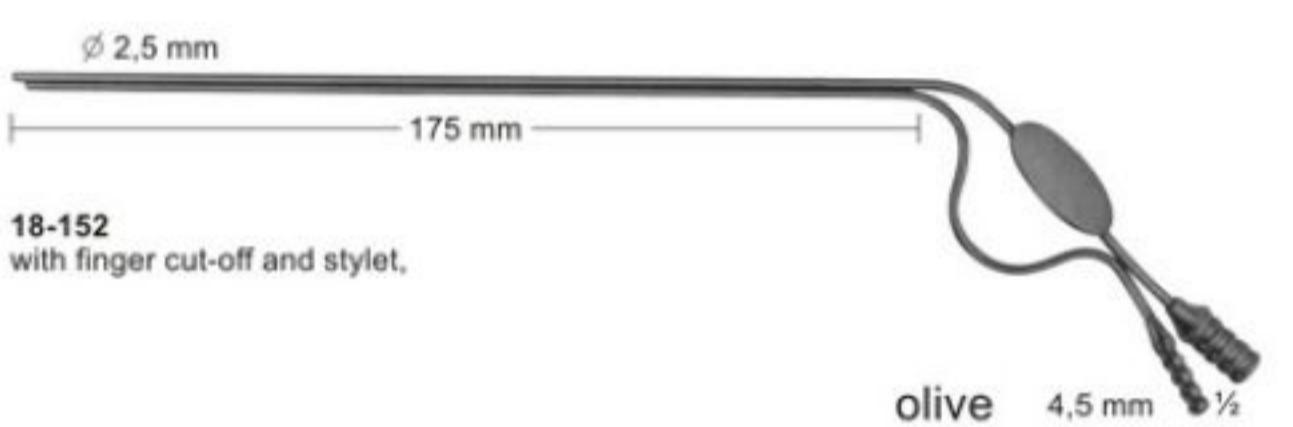
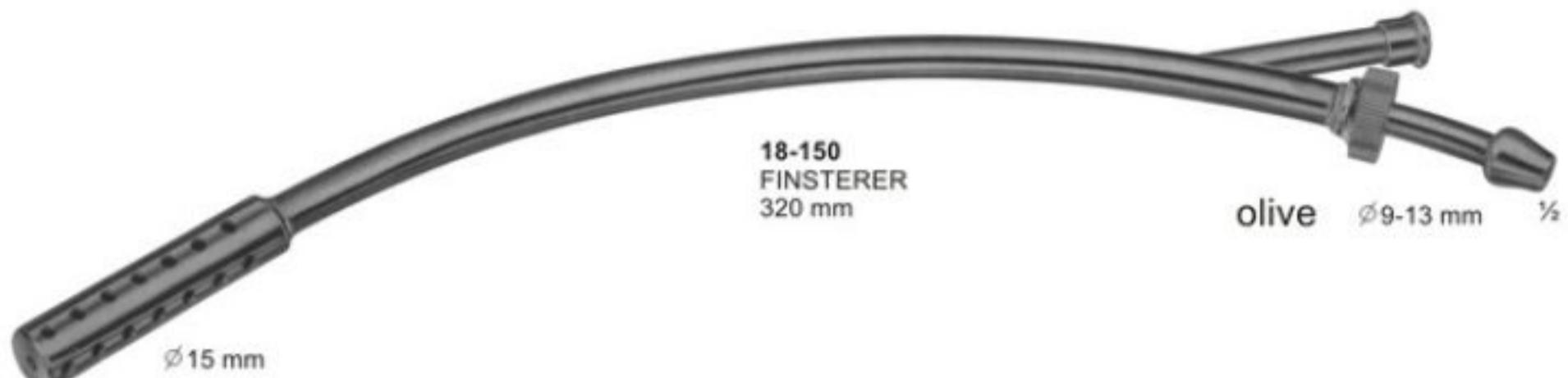
250 mm

olive

Ø 6-9 mm

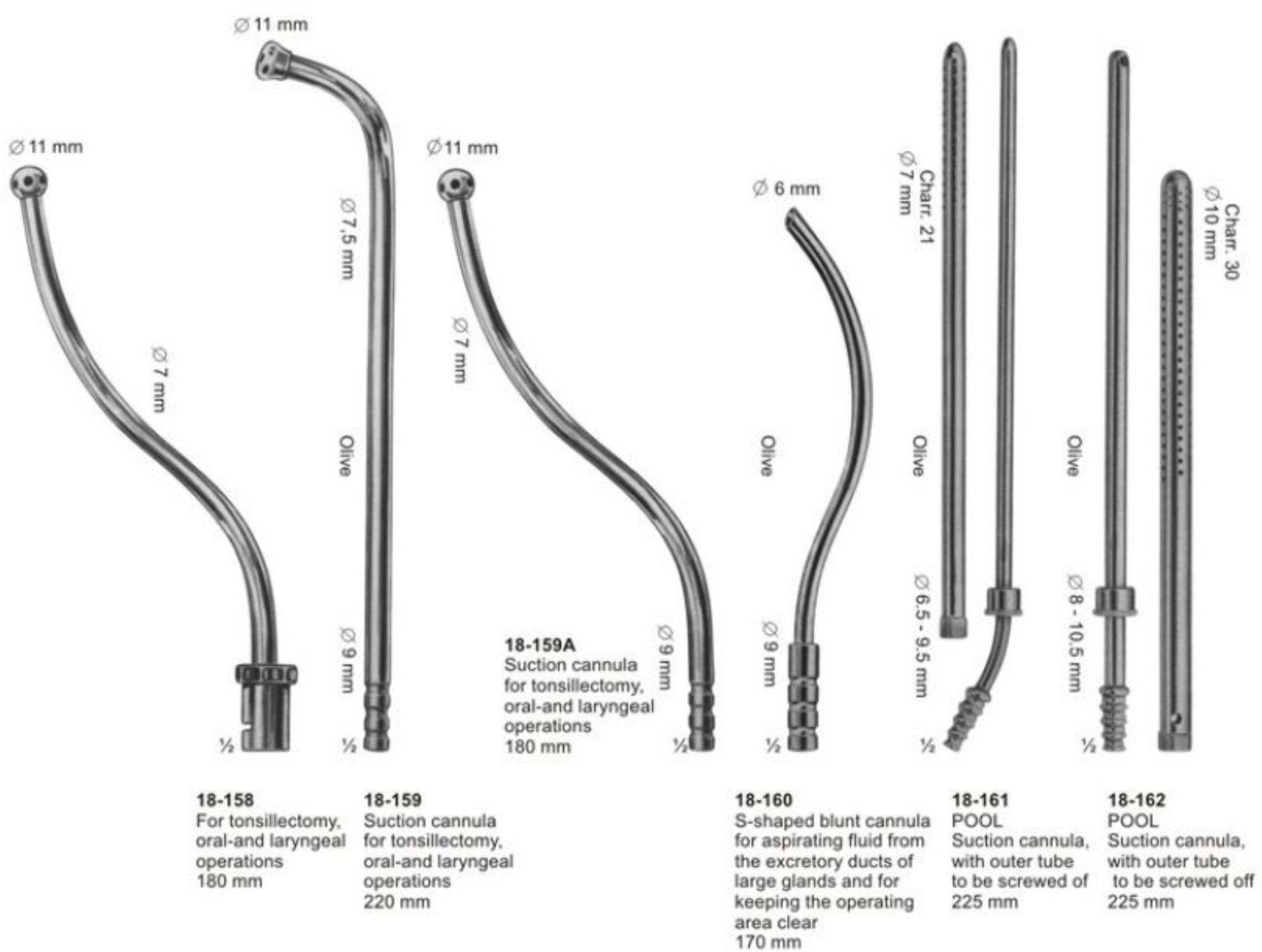
½

Combined Suction and Irrigation Cannulae, Coagulation Suction Cannulae

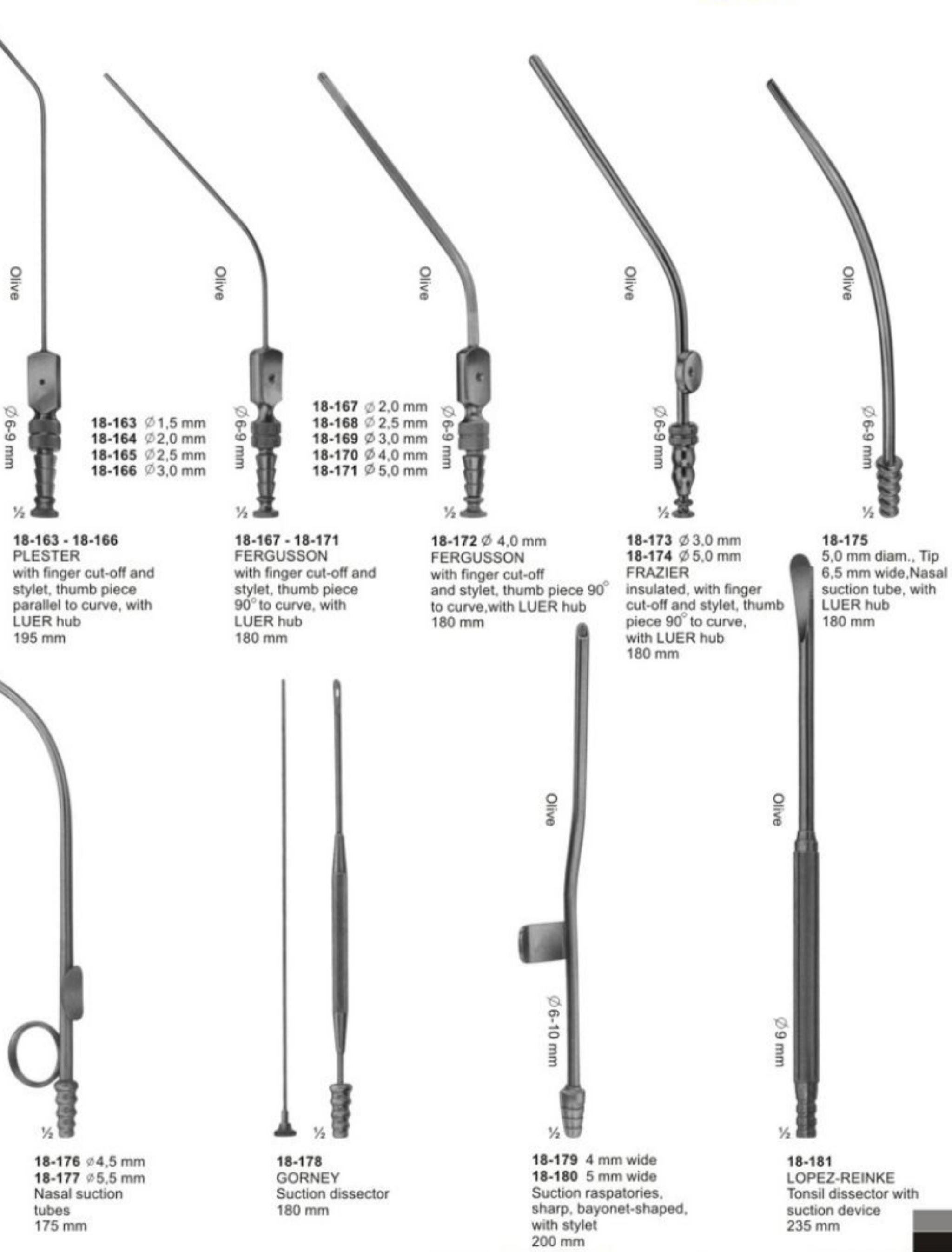


4 mm diam., Untarnished
contact to be touched by
HF-electrodes

Suction Instruments



Suction Instruments



Dissection Instruments



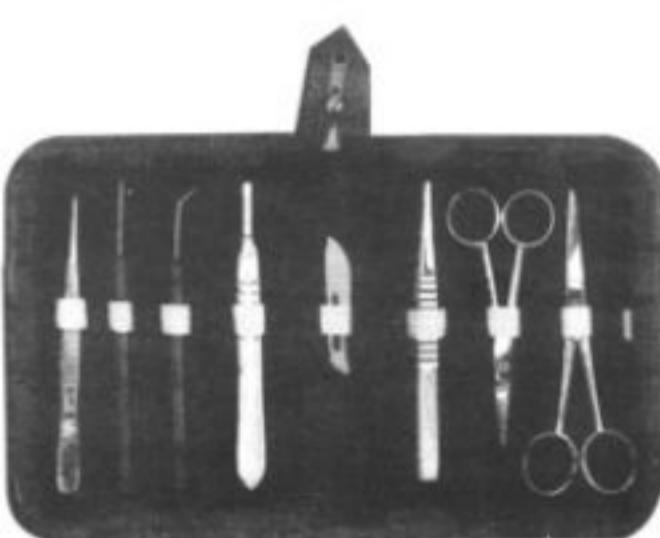
18-182

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



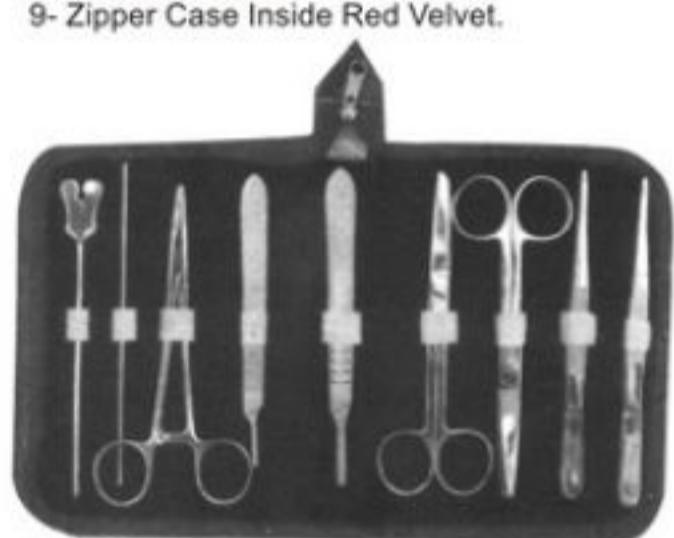
18-183

- 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- Disscting 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



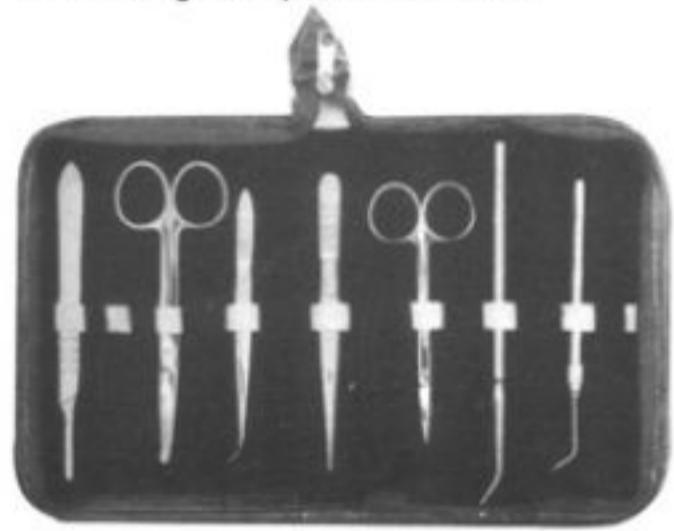
18-185

- 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

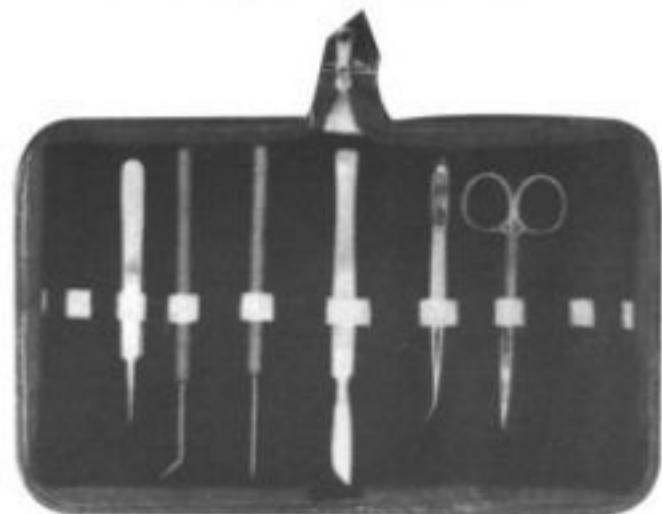
- 1- Teasing Needle with Chuck CVD.
- 2- Huber Probe
- 3- Iris Scissor
- 4- Dissecting Forcep Fine 14 cm.
- 5- Dissecting Forcep Fine CVD. 12 cm
- 6- Operating Scissor with Probe 14 cm.
- 7- B.P. Handle no. 4

Dissection Instruments



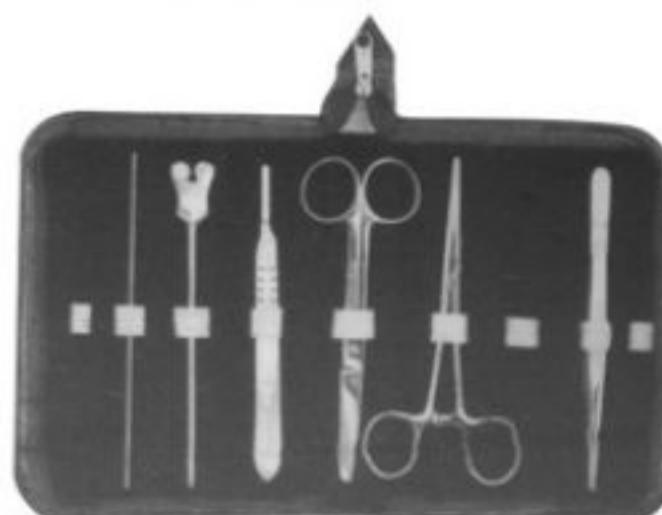
18-188

- 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.



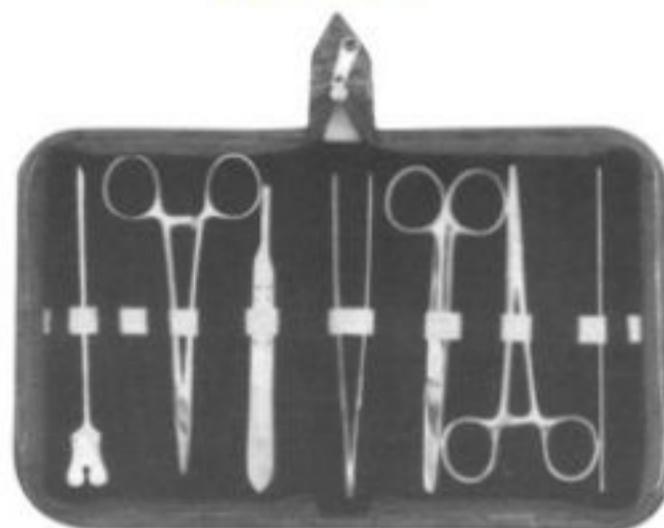
18-190

- 1- Iris Scissor STR
- 2- Dissecting Forceps CVD 12 cm.
- 3- Sclapel
- 4- Teasing Needle STR wooden handle.
- 5- Teasing Needle CVD wooden handle.
- 6- Watchmaker fine point.



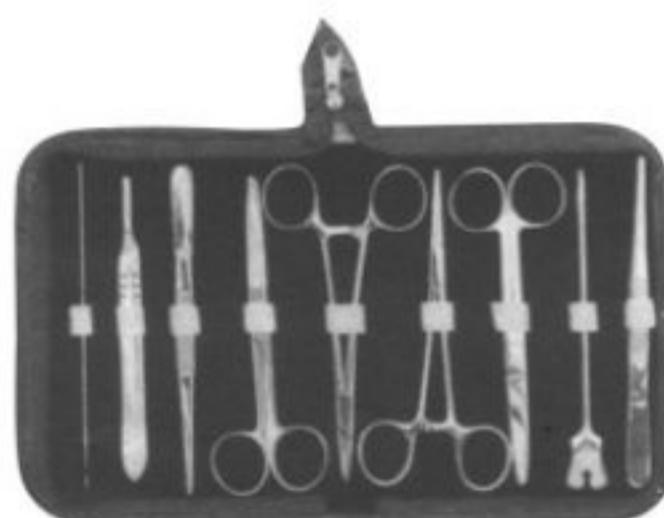
18-192

- 1- Probe double end.
- 2- Grooved director and tongue tie.
- 3- B.P handle no.4
- 4- Operating scissor STR S/b14cm.
- 5- Kelly forceps STR 14cm.
- 6- Dissecting forceps thumb 13cm.



18-189

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



18-191

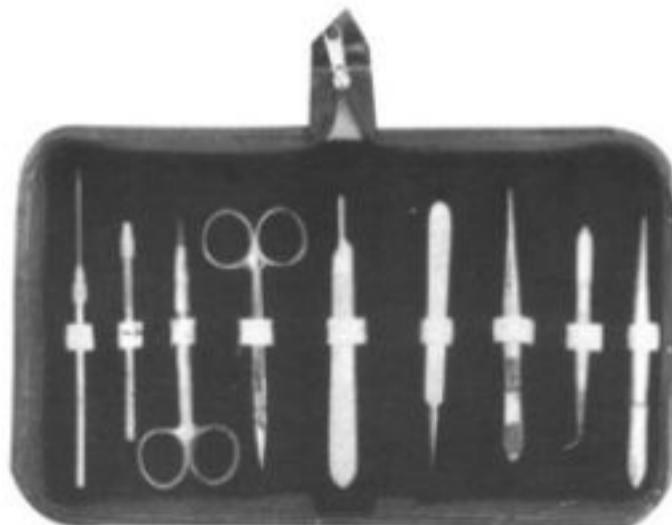
- 1- Probe Double end
- 2- B.P Handle No. 4
- 3- Dissecting Forcep 1x2 Teeth 14 cm.
- 4- Operating Scissor S/B str 14 cm
- 5- Mayo Hearn Needle Holder 14 cm
- 6- Kelly Forcep STR 14 cm.
- 7- Operating Scissor S/B CVD 14 cm
- 8- Grooved Director and Tongue tie
- 9- Dissecting Forceps Thump 14 cm.



18-193

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

Dissection Instruments



18-194

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



18-195

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



18-196

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



18-197

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

Hospital Wares



19-101 - 115
Schimmelbusch

$\varnothing \times H$ 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
 \varnothing 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 cc19-150
50 cc19-151
20 cc
Medicine Spoon19-152
Ø 75 x 12 mm
Tablet Tray19-153
Ø 90 x 90 mm
Metal Cup19-154
Ø 75 x 80 mm
Sputum Cup

Kidney Dish



19-155 - 157

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

Hospital Wares



19-158 - 165

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



19-166 - 170

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

19-171
Ø 110 x 28 mm 0.15L19-172
100 cc 0.1L19-173 - 176
19-173 0.25L
19-174 0.50L
19-175 1.00L
19-176 2.00L19-177
235 x 190 x 40 mm19-178
Ø 220 x 70 mm

Hospital Wares



19-179
Ø 50 x 100 mm
Powder Pot



19-180
Ø 50 x 75 mm
Methot With Lid



19-181
Ø 50 x 75 mm
Methot Without Lid



19-182



19-183



19-184



19-185 - 186

19-185 Ø 235 mm
19-186 Ø 310 mm

Needle Cases



19-187
Sauerbruch
210 x 125 x 17 mm



19-188
Sauerbruch
210 x 125 x 17 mm



19-189
150 x 95 x 13 mm



19-190
150 x 95 x 13 mm



19-191
150 x 95 x 13 mm



19-192
150 x 95 x 13 mm



19-193
150 x 95 x 13 mm



19-194
150 x 95 x 13 mm



19-195
150 x 95 x 11 mm

Storing Cases



19-199	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



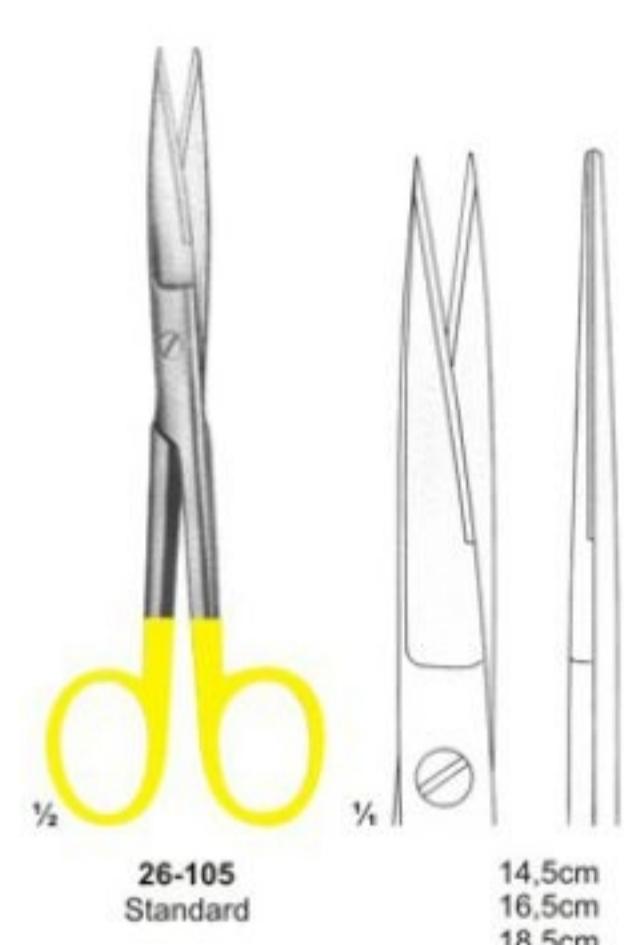
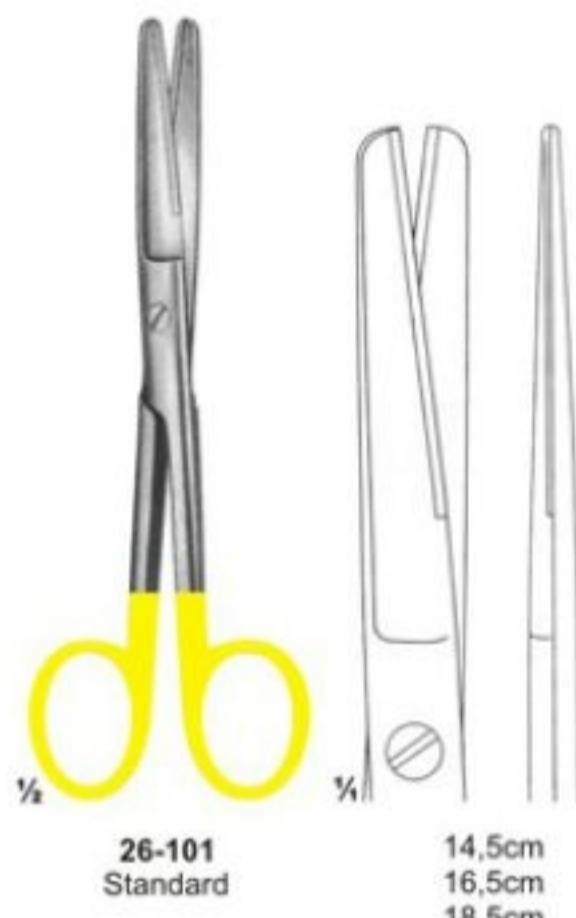
19-219
(60 x 30 x 15 cm)
Nominal dimensions



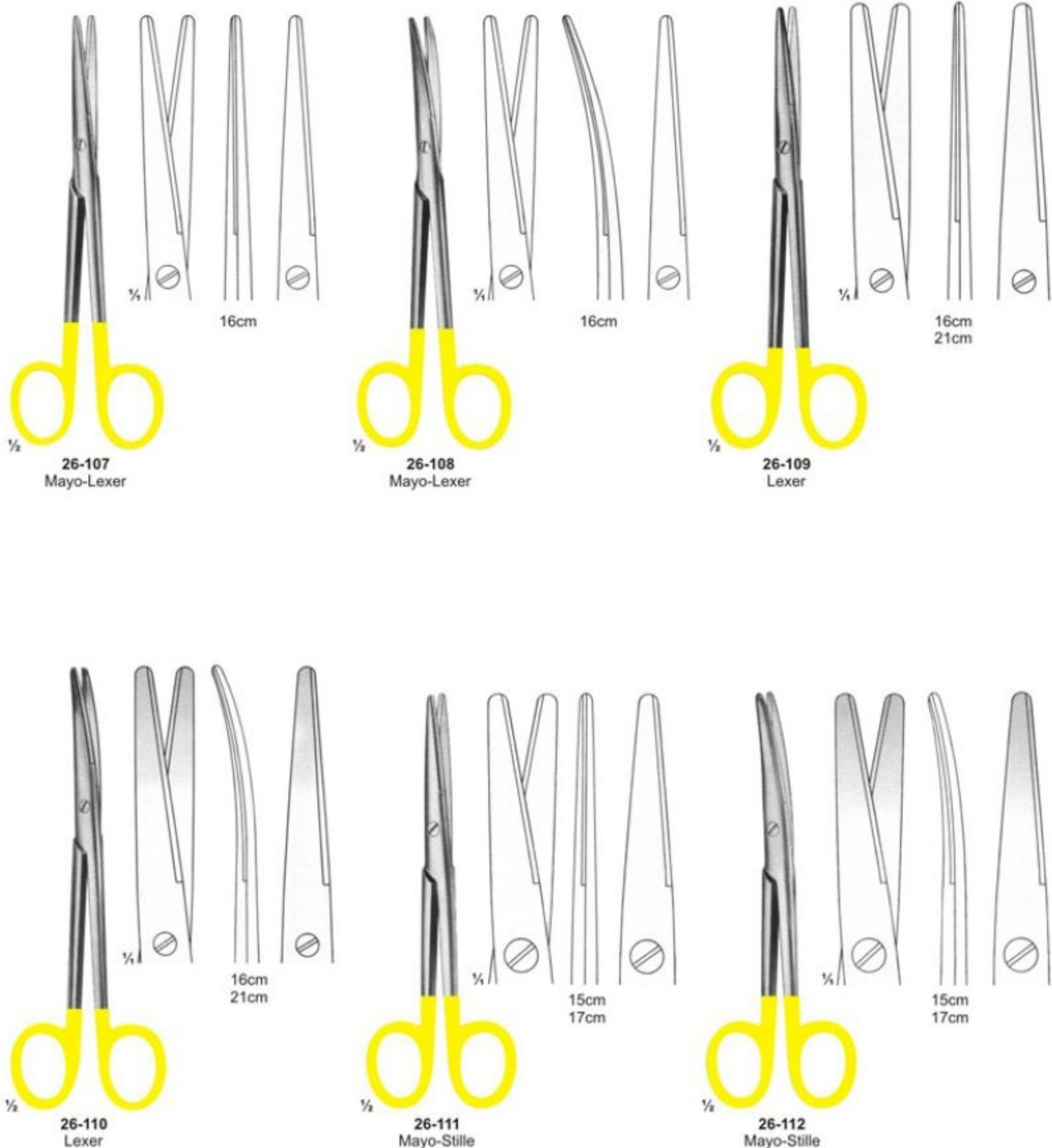
19-213 - 218

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



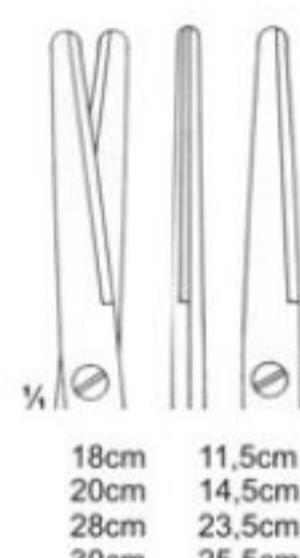
Scissors with Tungsten Carbide Inserts



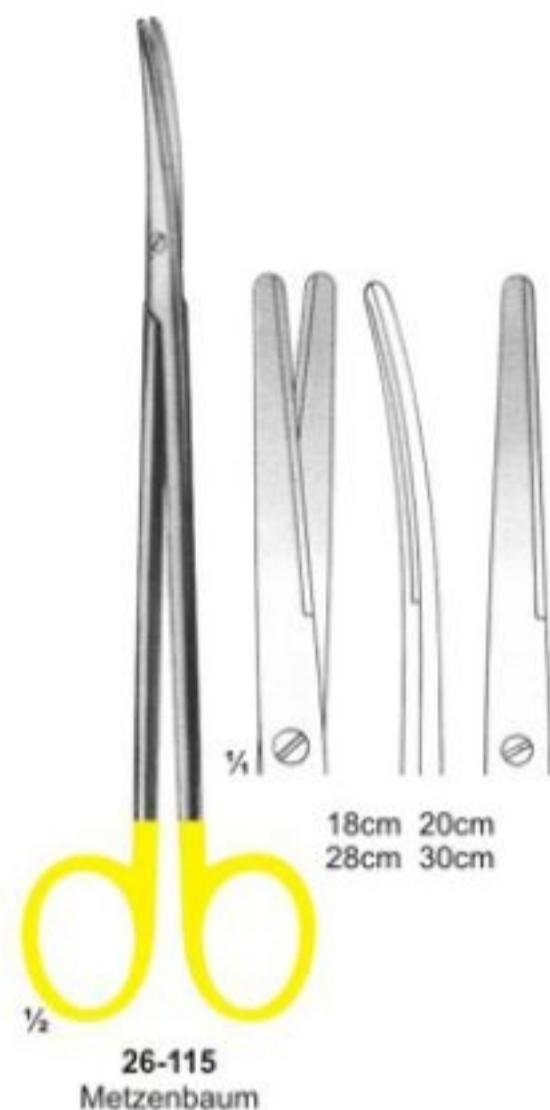
Scissors with Tungsten Carbide Inserts



26-113
Metzenbaum



26-114
Metzenbaum



26-115
Metzenbaum

18cm 20cm
28cm 30cm



26-116
Metzenbaum-Fino

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



26-117
Metzenbaum-Fino

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



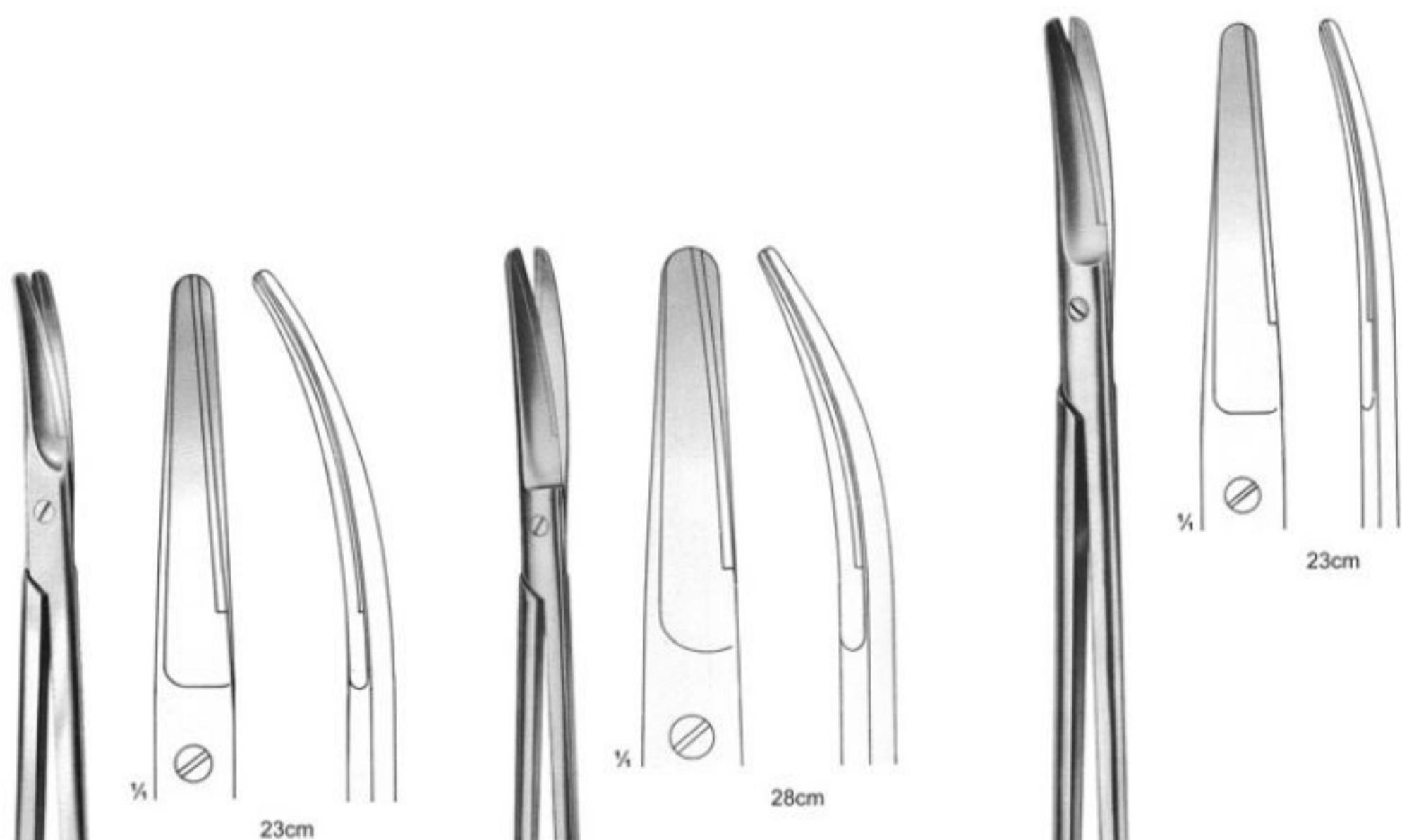
26-118
Metzenbaum-Fino

14cm 18cm
20cm 23cm

Scissors with Tungsten Carbide Inserts



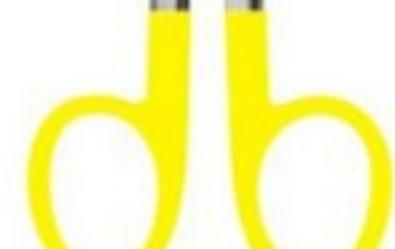
Scissors with Tungsten Carbide Inserts



23cm

23cm

28cm



26-125
Parametrium

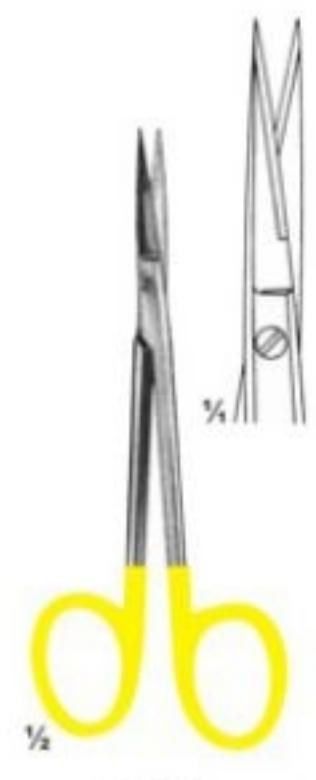
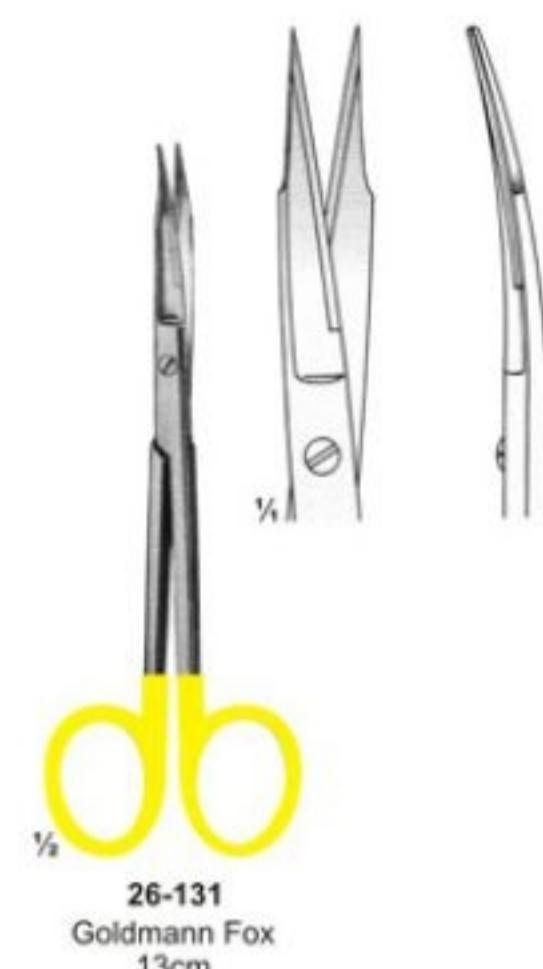
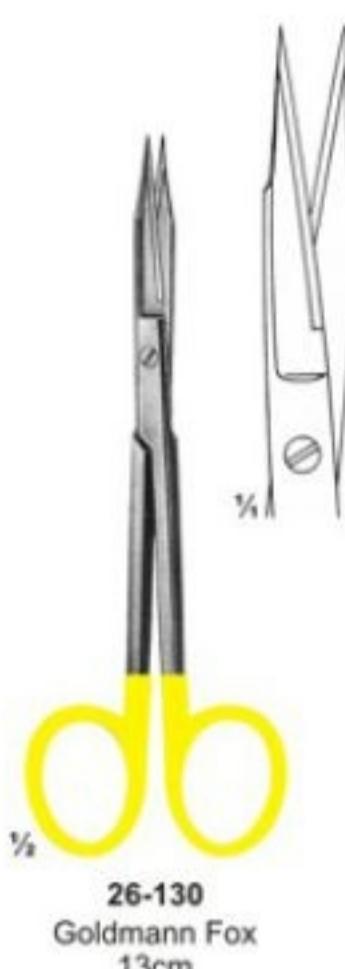


26-126
Mayo-Harrington

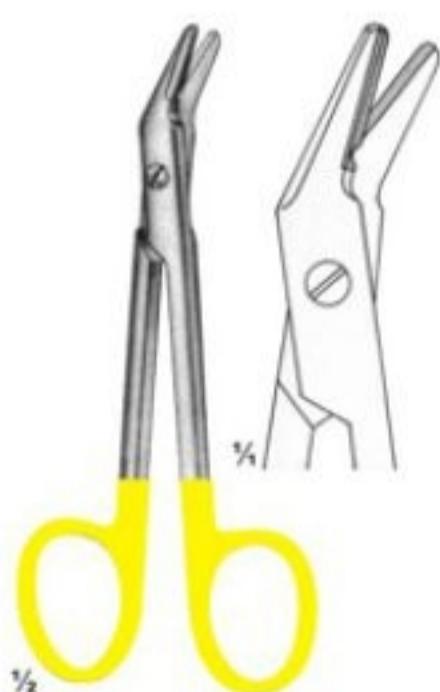


26-127
Sims

Scissors with Tungsten Carbide Inserts



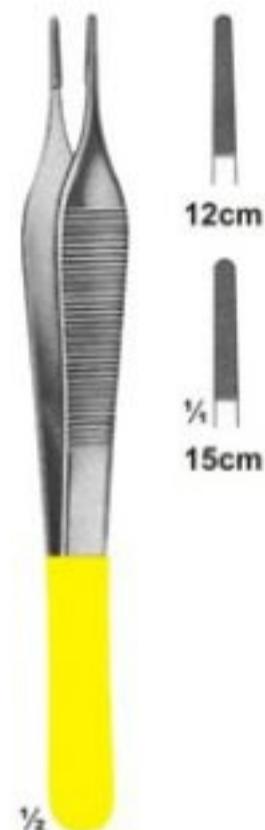
Scissors & Dissecting Forceps with Tungsten Carbide Inserts



26-136
Universal
12cm



26-137
Ligature Scissors
1 Black & 1 Goldplated ring



26-138
Adson
12cm



26-139
Cushing
17,5cm



26-140
Cushing
18cm



26-141
Cushing-Taylor
18cm

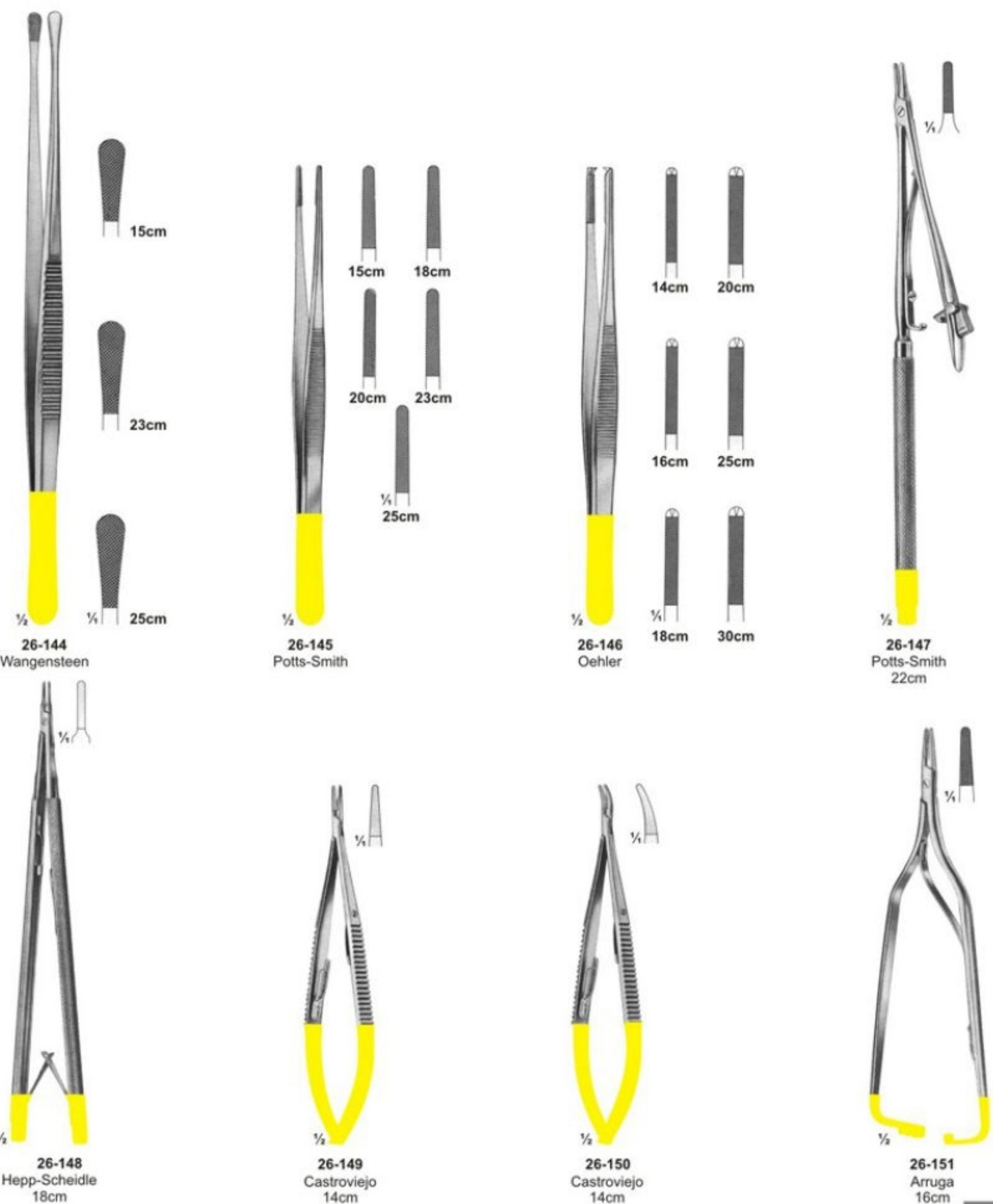


26-142
Dissecting Forceps
15cm



26-143
Semken
15cm

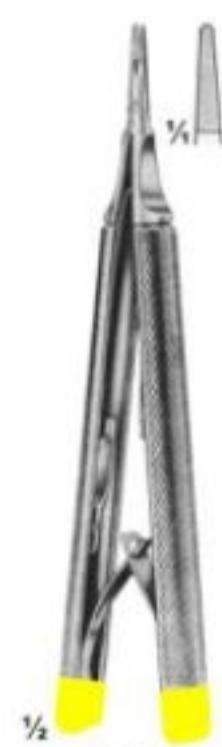
Dissecting Forceps and Needle holders with



Needle holders with Tungsten Carbide Inserts



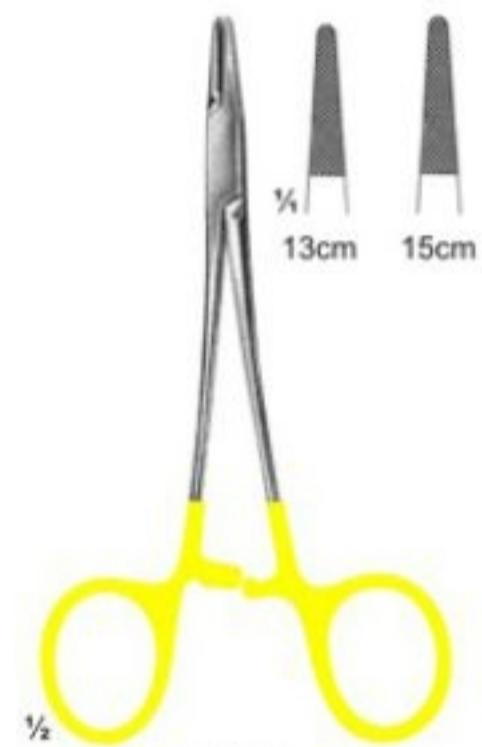
26-152
Arruga
16cm



26-153
Castroviejo
13cm



26-154
Heger
20cm 24cm



26-155
Halsey
13cm 15cm



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

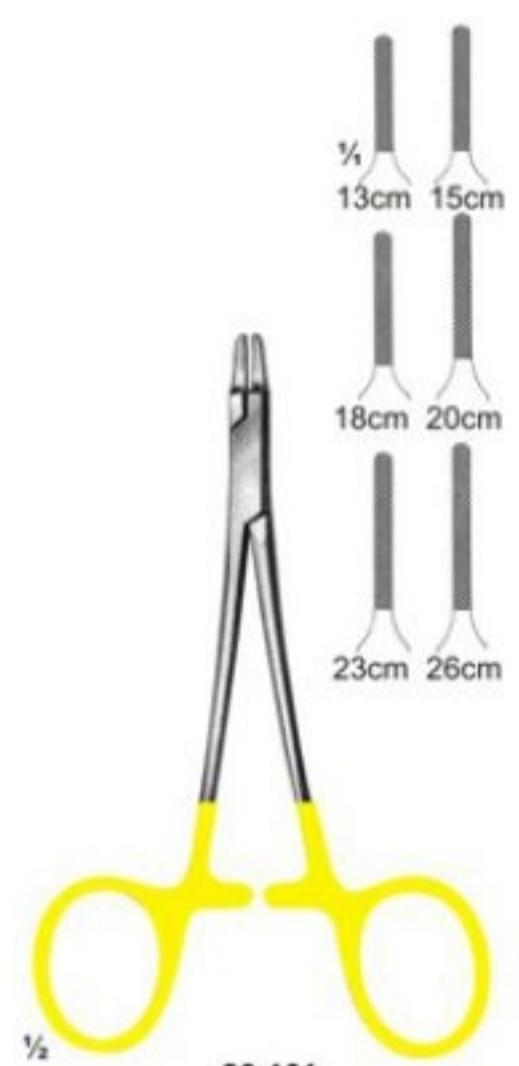


26-157
De-Bakey
18cm 20cm 23cm
26cm 31cm 37cm

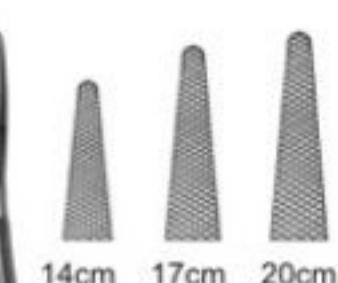
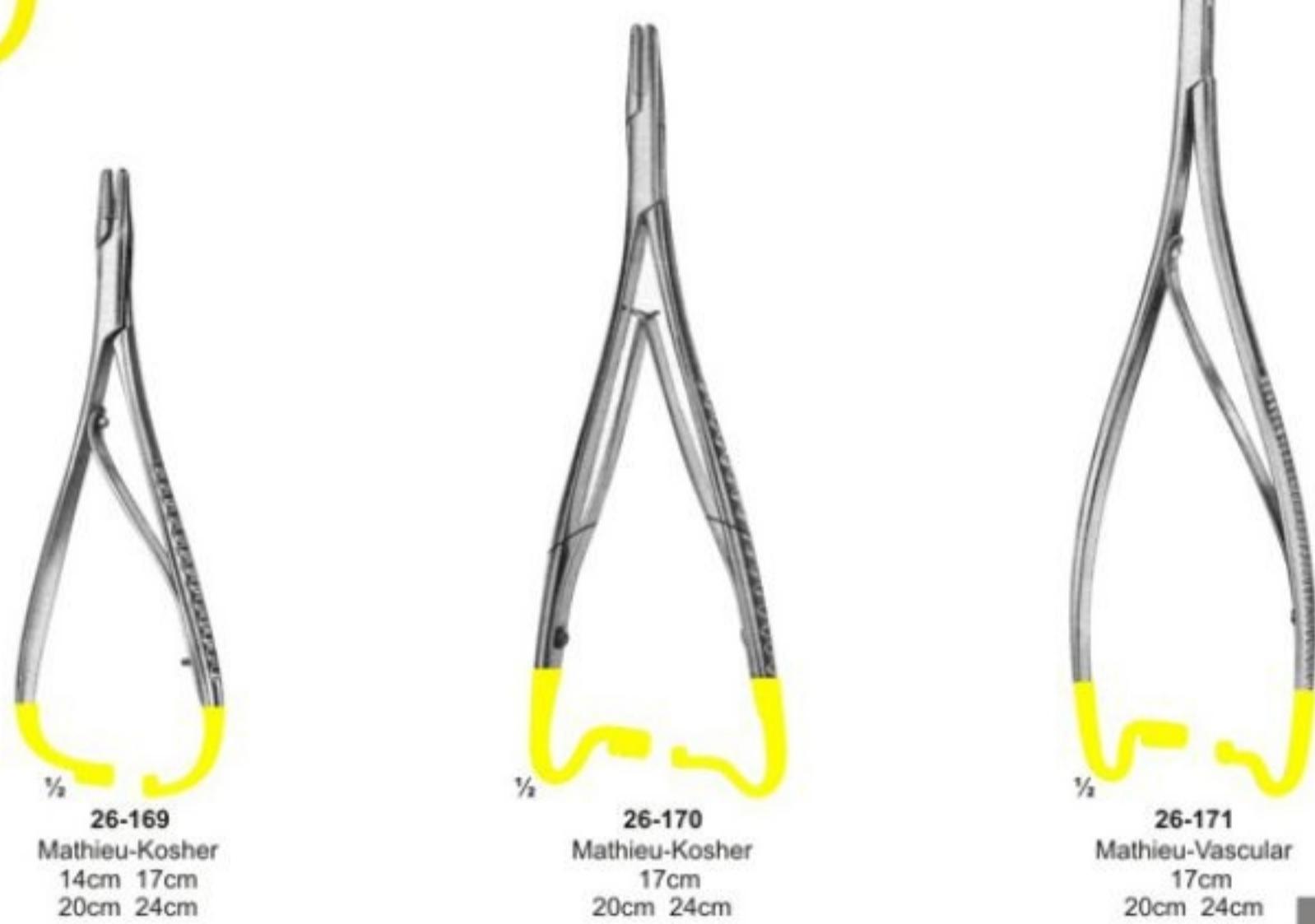


26-158
Hegar-Vascular
14cm 18cm
20cm 23cm

Needle holders with Tungsten Carbide Inserts



Needle holders with Tungsten Carbide Inserts



Needle holders with Tungsten Carbide Inserts



26-172
Mathieu-Ryder
17cm
20cm 24cm



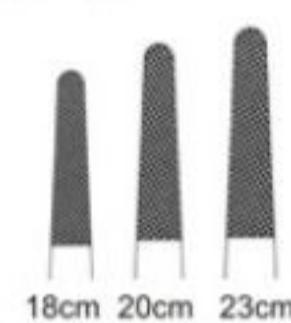
26-173
Lichtenberg
20cm



26-174
Langhals
20cm 25cm



26-175
Lichtenberg
20cm 25cm



26-176
Luehty-Beck
20cm 25cm



26-177
Luehty-Beck
20cm 25cm



26-178
Langebeck
18cm
20cm 23cm



26-179
Langebeck-beck
18cm
20cm 23cm

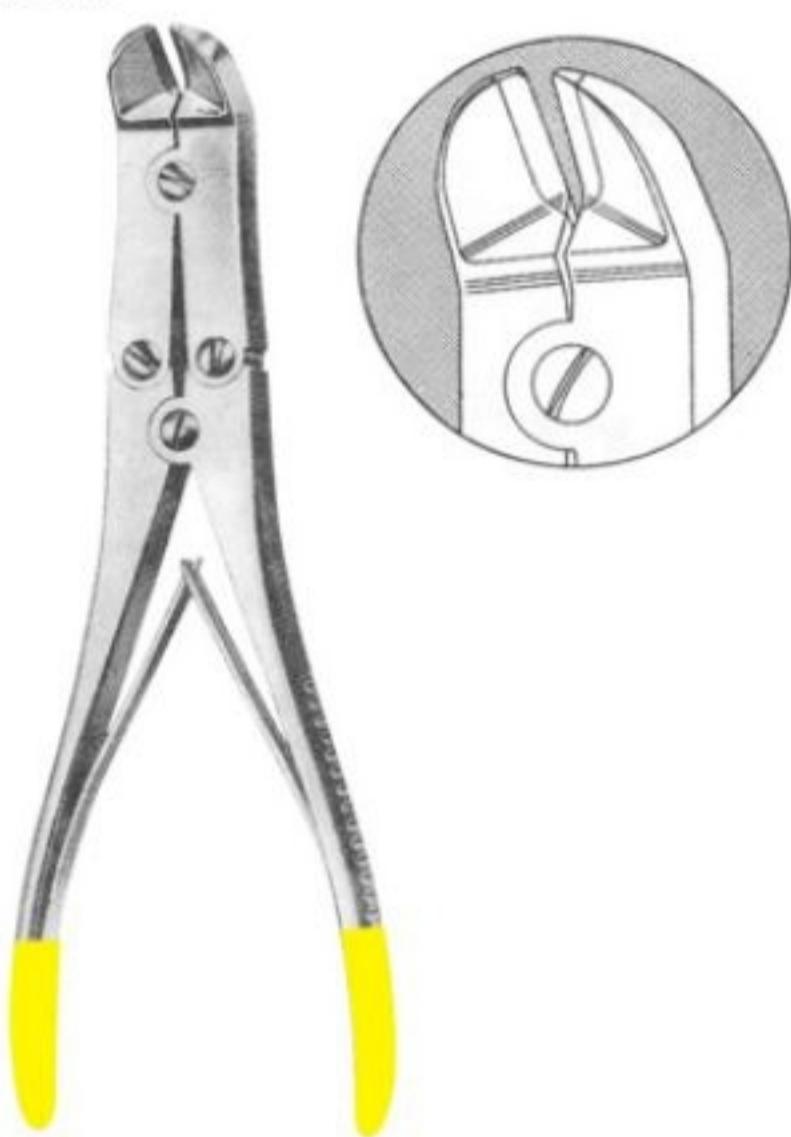
Wire Cutting Plier With T.C. Inserts



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

08-10000 Abdominal Vascular Tray
 08-10001 Arthroscopy Dissecting Set
 08-10002 Abdominal Hysterectomy Instruments Set
 08-10003 Abdominoplasty Surgical Set
 08-10004 ABDOMINAL UROLOGICAL OPERATION SET
 08-10005 AMPUTATION instruments set
 08-10006 Anaesthesia, Intubation set
 08-10007 Anterior & Posterior (A&P) Repair
 Surgical Instrument Set
 08-10008 AORTOGRAm SET
 08-10009 Appendectomy Set
 08-10010 ARTERIOGRAM SET
 08-10011 AV Fistula Set
 08-10012 Balloon Laser Angioplasty Tray
 08-10013 Basic Major Set
 08-10014 BASIC CARDIOVASCULaR INSTRUMENTS
 08-10015 Basic Cast Surgical Instruments Set
 08-10016 Basic Oper Heart Set
 08-10017 Basic Dermal Instruments Set
 08-10018 BASIC EYE SURGERY SET
 08-10019 Basic Suture Set
 08-10020 Basic Pediatric Surgical Instruments Set
 08-10021 Basic Tissue Dissection Surgical Instruments Set
 08-10022 BASIC HAND SURGERY SET
 08-10023 BASIC INSTRUMENTS FOR OB DEPARTMENT
 08-10024 BASIC NEUROSURGICAL AND LAMINECTOMY INSTRUMENTS
 08-10025 Basic Hip Replacement Instruments
 08-10026 BASIC ORTRHOPEdIC SERGERY SET
 08-10027 BASIC PLASTIC SURGERY SET
 08-10028 BASIC PODIATRY SET
 08-10029 BLOOD EXCHANGE TRAY
 08-10030 Bladder Surgical Instruments Set
 08-10031 Bronchoscopy set
 08-10032 Blepharoplasty Surgical Instruments Set.
 08-10033 Burr hole Set
 08-10034 Breast Augmentation Surgical Instruments Set
 08-10035 Breast Reduction Surgical Instruments Set
 08-10036 C Section Set
 08-10037 Caesarean section Instrument set
 08-10038 Cataract Surgical set
 08-10039 CARDICaC ARREST TRAY
 08-10040 Coronary Set
 08-10041 Corneal Transplant Set
 08-10042 CERVICAL BIOPSY INSTRUMENT SET
 08-10043 Chalazion Surgical Instruments Set
 08-10044 CHEST SET
 08-10045 CHOLECYSTECTOMY SET
 08-10046 Cleft Lip & Palate Extras
 08-10047 CIRCUMCISION INSTRUMENT SET
 08-10048 CIRCUMCISION SET
 08-10049 Circumcision, adult set
 08-10050 Circumcision, child set
 08-10051 CODMAN Cranial set
 08-10052 COLPOSCOPY SET FOR BIOPSY
 08-10053 Cranioclast set
 08-10054 Craniotomy Instruments set
 08-10055 CUT DOWN SET
 08-10056 Cystectomy set
 08-10057 D & C set (Dilation & Curratage)
 08-10058 Dental Extraction Forceps sets
 08-10059 DELIVERY SET
 08-10060 Delivery Vaginal Set
 08-10061 Dental Hand Instruments Set
 08-10062 DISSECTING SET FOR MEDICAL STUDENT
 08-10063 DILATATION AND CURRENTTAGE SET
 08-10064 Dissecting Set
 08-10065 Dermal Excision Instruments Set
 08-10066 DRESSING TRAY
 08-10067 E.N.T Instrument Set
 08-10068 E.N.T WARD TREATMENT INSTRUMENT SET
 08-10069 Endarterectomy Set
 08-10070 EMERGENCY TRACHEOTOMY SET
 08-10071 ENT Dressings Instruments Set
 08-10072 ENT, casualty instruments set
 08-10073 Enucleation Set
 08-10074 Episiotomy Instrument Set
 08-10075 EYE SURGICAL SET
 08-10076 Eye Prep Set
 08-10077 Face Lift Surgical Set
 08-10078 Fem-Pop Set
 08-10079 Foot & Ankle Surgical Set
 08-10080 Facelift Rhytidectomy Instruments Set
 08-10081 Five Instruments Colposcopy Set
 08-10082 GASTRO INSTESTINAL SET
 08-10083 Gastroscopy Set
 08-10084 General instruments Set
 08-10085 general surgery set large
 08-10086 Glaucoma Surgical Set
 08-10087 GYNAECOLOGICAL EXAMINATION SET
 08-10088 Gynaecological Instrument Set
 08-10089 Gynaecology and Obstetrics Set
 08-10090 GYNECOLOGICAL BIOPSY SET
 08-10091 Gyn Exam Set
 08-10092 Hand Surgical Set
 08-10093 HEART CATHETERIZATION TRAY
 08-10094 Hip Pack Surgical Set
 08-10095 HYSTERECTRTOMY SET
 08-10096 HYSTEROSALPINGIOGRAM SET
 08-10097 IMPLANT BONE REPAIR SET
 08-10098 INFANT LAPAROTOMY SET
 08-10099 INTESTINAL SURGICAL INSTRUMENTS SET.
 08-10100 Knee Surgery Instruments Set
 08-10101 Li d-Conjunctiva Surgical Instruments Set
 08-10102 Lacrimal Probe & Intubation Set
 08-10103 LACERATION SET
 08-10104 LAMINECTOMY SET
 08-10105 Large Bone Clamp Set
 08-10106 Laparotomy Instrument set
 08-10107 Laparoscope Instruments Set
 08-10108 Laminection surgery Instruments Set
 08-10109 LARYNGOSCOPE SET
 08-10110 LARYNGOLOGY & TRACHEOSTOMY
 INSTRUMENT SET
 08-10111 Large Plastic Set
 08-10112 Lumbar puncture set
 08-10113 LYMPHANGIOGRAM SET
 08-10114 MAJOR BASIC SET
 08-10115 MAJOR SURGICAL INSTRUMENT SET
 08-10116 Male Circumcision set
 08-10117 Manicure kit
 08-10118 Mammography set
 08-10119 Mammoplasty Extras Set
 08-10120 MASTROID SET
 08-10121 Major Laparotomy Set
 08-10122 Micorlaryngeal E.N.T Instrument Set
 08-10123 Midwiefry kits
 08-10124 Microsurgery Instrument Set
 08-10125 Minilaparotomy Instruments Set
 08-10126 MINOR BASIC SURGERY SET
 08-10127 Minor eye surgery set
 08-10128 Minor Eye & Muscle Set
 08-10129 MINOR GENERAL SURGERY INSTRUMENTS.
 08-10130 Minor surgery Instrument Set
 08-10131 Myomectomy set
 08-10132 Myringotomy Surgical Instruments Set
 08-10133 NASAL PACKING SET

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

DAVIDSON, scapula retractors	77
DAVIS, vascular spatulas	120
DANDY, Haemostatic Forceps	51
DE BAKEY, forceps	36
DE BAKEY, anastomosis clamps	89
DE BAKEY, anastomosis clamps	125
DE BAKEY, arteriotomy scissor	22
DE BAKEY, vana cava clamps	123
DE BAKEY, multi purpose clamps	122
DE BAKEY, retractors	82
DE BAKEY, atraumata	121
DEAN, nasal and tonsil scissor	25
DEAVER, retractors	77
DEAVER, surgical scissor (flat lock)	21
DE-BAKEY, bulldog clamps	49
DEJERINE, percussion hammer	01
DELICATE DISSECTING FORCEPS	33
DELICATE SCISSORS, blunt points	19
DELICATE SCISSORS, sharp points	18
DELICATE SCISSORS, sharp points	19
DENHARDT, mouth gag	05
DENIS-BROWENE, intestinal forceps	41
DERRA, multi purpose clamps	122
DESCHAMPS, ligature needles	65
DESJARDINS, gall duct forceps	95
DESJARDINS, gall stone forceps	96
DESJARDINS, gall stone scoops	95
DESMARRES, wound and vein retractors	71
DEMEL, Cerclage Instruments	148
DIAGNOSTIC SETS	07
DICK, vaginal clamps and compression forceps	59
DIEFFEBACH, bulldog clamps	49
DINGMANN, bone holding forceps	142
DISSECTING KNIVES	11
Dissection Instruments	164
Dissection Instruments	165
Dissection Instruments	166
DITTEL, metal bougies	80
DOYEN, abdominal retractors	79
DOYEN, intestinal clamps	87
DOYEN, ovum forceps	230
DOYEN, probes	66
DOYEN, towel clamps	48
DOYEN, vaginal specula	104
DUROGRIP, Wire Holding forceps	149
DUROTIP, Cutting Pliers	152
DUROTIP, Cutting Pliers	153
DUROTIP, Wire Cutters Cutting Scissors	151
DUVAL-COLLIN, Intestinal Grasping Forceps	46
DUPLAY, sponge and dressing forceps	43
DUVAL, intestinal forceps	41

E

EISELSBERD, needle holder	63
ELSCHING, forceps	37
ENGL.MOD, towel clamps	48
EPPENDORF, biopsy forceps	115
ESMARCH, cloth and plaster scissors	31
EISELSBERG-MATHIEU, Needle Holders	64
EXTRACTION PLIERS, Wire Holding forceps	150

F

FARABEUF, Retractors	73
FEILCHENELD, splinter forceps	42
FERGUSSON, haemorrhoidal forceps	93
FERGUSSON, suction instrument	163
FERGUSSON-ACKLAND, mouth gag	05
FINOCHIETTO, forceps	58
FINOCHIETTO, rib spreader	127
FINSEN, tracheal hooks	119
FIBER OPTIC, laryngoscopes	09
FINGER NAIL DRIL, Finger Nail Instruments	155
FINGER RING SAW, Finger Nail Instruments	155
FINSTERER, Suction Instruments	161
FLAT-NOSED PLIERS, Wire Holding forceps	150
FOERSTER-BALLENGER, Tissue Grasping Forceps	45
FORCEPS, Finger Nail Instruments	155
FOREGGER, laryngoscopes	09
FOMON, nasal scissor	19
FORD-BOWLES, stethoscope	02
FOWLER, tonsil knife	13
FRANCKE, blood lancet	06
FRAZIER, fine wound retractor	69
FRAZIER, suction instruments	163
FREER, fine wound retractor	69
FREER, vascular spatulas	120
FRENZEL, tongue depressor	04
FRICKE, haemostatic forceps	56
FRITSCH, retractor	79

G

GALLAHER, rasp	126
GELPI, special retractors	82
GELPI, vaginal retractors	105
GERALD, dissecting forceps	34
GIERTZ-STILLE, rib shears	126
GILL, tissue forceps	37
GILL-HESS, tissue forceps	37
GILLIES, fine wound retractor	69
GILLIES, needle holder	63
GLOVER, bulldog clamp	49
GLUCK, rib shears	126
GOOD, tonsil scissors	25
GORNEY, suction instruments	163
GOSSET, abdominal retractors	84
GRAEFE, fine wound retractor	69
GRAVE, vaginal specula	102
GROSS, dressing forceps	43
GUEDEL-NEGUS, laryngoscope	08
GUTHRIE, fine wound retractor	69
GUYON, kidney clamps	97
GERALD, Tissue Forceps	38
GILLIES, Tissue Forceps	38
GOLDSMITH, Nasal Specula	91
GRAEFE, Tissue Forceps	39
GRAEFE, Tissue Forceps	39
GRUENWALD, Forceps, Bayonet – Shaped	40

H

HALLE, vascular spatulas	120
HALSTED-MOSQUITO, haemostatic forceps	50
HARTMANN, intestinal clamps	87

Alphabetical Index

HARVEY, plate scissors	29	KELLY, tissue grasping forceps	44
HAJEK-KOFLER, Punches	130	KERN-LANE, bone holding forceps	143
HALSTED, Haemostatic Forceps	52	KERRISON-JACOBY, punches	129
HALSTED-MOSQUITO, Haemostatic Forceps	51	KERSTING, anastomosis forceps	89
HARTMANN, Ear Polypus Forceps	112	KELLY, Haemostatic Forceps	51
HARTMANN-HALLE, Nasal Specula	91	KERRISON, Punches	130
HARTMANN-HERZFELR, Ear Polypus Forceps	112	KILLIAN, bone shear	26
HARTMANN-HOFFMAR, Ear Polypus Forceps	112	KILLIAN, rectal spatula	90
HARTMANN-WULLSTEIN, Ear Polypus Forceps	112	KILNER, fine dissecting scissors	22
HARVEY, Wire Cutters Cutting Scissors	151	KILNER, fine wound retractor	69
HEANEY, needle holder	62	KILNER, dissecting scissor	22
HEGAR, needle holder	62	KILLIAN, Nasal Specula	90
HEGAR-OLSEN, needle holder	63	KIRSCHNER, Cutting Pliers	154
HEGER, uterine dilators	106	KIRSCHNER, Wire Extension	147
HEISS, haemostatic forceps	50	KOCHER, Haemostatic Forceps	52
HEISS, dressing forceps	58	KOCHER, Haemostatic Forceps	54
HEISTER, mouth gag	05	KOCHER-OCHSNER, Haemostatic Forceps	55
HENING, plaster spreader	157	KLIMA 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			
INGE, lamina spreaders	83	L	
INTEROSSEOUS, cartilage knife	12	LABORDE, tracheal dilators	119
IVES-FANSLER, anuscopes	92	LAHEY, artery traction forceps	47
J		LAHEY, gall duct forceps	94
JACKSON BURROWS, retractors	82	LANE TRETHOWAN, bone levers	136
JACOBSON, bone curettes	139	LANE, bone holding forceps	143
JACOBSON, needle holder	61	LANE, bone levers	136
JAEGAR, fine wound retractor	69	LANE, tissue forceps	41
JAMESON, dissecting scissor	22	LANE,towel clamps	48
JAMESON, needle holder	62	LANGE-HOHMANN, bone levers	136
JANSEN, bone curettes	139	LANGENBACK, bone levers	135
JANSEN, bone rongeurs	144	LANGENBECK, with triangle handle	70
JOHNS-HOPKING, bulldog clamps	49	LANGENBECK, flap knife	12
JOLL (FRIEDMAN), retractors	82	LARYNGEAL MIRRORS	06
JOLL, vaginal retractors	105	LAWRENCE, ligature forceps	58
JONES, towel clamps	48	LANDOLT, Suction Instruments	160
JOSEPH, bone file	138	LANDOLT, Suction Instruments	161
JOSEPH, dura and skin retractor	69	LANGENBECK, Ear Curettes	110
JOSEPH, raspatories	137	LEBSCHE, rib shears	126
JUDD-MASSON, bladder retractors	99	LEGUEU, bladder retractors	99
JANSEN, FORCEPS, Bayonet – Shaped	40	LEKSELL-STILLE, bone rongeurs	145
		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, anuscopes	92	LISTON, bone cutting forceps	146

Alphabetical Index

LOCKHART-MUMMERY, probes	66	MULLER, dura and skin retractor	63
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	PELMANN, 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 LIGATION FORCEPS	49		
MULLER VESSEL CLIPS	49		

Alphabetical Index

ROUX, retractors	72	STERBERG, Retractors	
RUDD, haemorrhoidal ligator	93	STRULLY, cardiovascular scissors (pointed)	24
RUMEL, dissecting forceps	58	SUCTION INSTRUMENTS	162
RUSS-MODELL, tissue forceps	41	SURGICAL SCISSORS, incision	21
ROHRSCHNEIDER, needle holder	61	SURGICAL SCISSORS, serrated	20
ROLLET, dura and skin retractor	69	SURGICAL SCISSORS, slender type	20
ROSER KONIG, mouth gag	05	SURGICAL SCISSORS, standard	20
RAMPLEY, Tissue Grasping Forceps	45	SURGICAL SCISSORS, standard	20
RANKIN, Haemostatic Forceps	52	SUTURING INSTRUMENT SET	68
REILL, Cutting Pliers	152	SYSTRUNK, nail splitting scissors	21
REPLACEMENT LAMP, laryngoscopes	09	SPENCER-WELLS, Haemostatic Forceps	
ROCHESTER-OCHSNER, Haemostatic Forceps	54	SYSTRUNK, Finger Nail Instruments	
ROCHESTER-PEAN, Haemostatic Forceps	53		
ROSE, Retractors	73		
ROUND PLIERS, Wire Holding forceps	150		
S			
SAENGER, ovum forceps	118	TAKAHASHI, rongeur	112
SAMII, tumor grasping forceps	32	TAYLOR, percussion hammer	01
SATINSKY, vena cava scissors	24	TAKAHASHI, Rongeurs	132
SAUPE, cilia forceps	42	THOREK, cardiovascular scissors	24
SCALPEL HANDLES	14	THORPE, corneal forceps	33
SCHAAF, cilia forceps	42	TIECK-HALLE, Nasal Specula	90
SCHADEL, towel clamps	48	TOENNIS, Wire Cutting Plier With T.C. Inserts	187
SCHEINMANN, biopsy forceps	115	TOWNLEY, Examination & Measuring Instruments	10
SCHIMMELBUSCH, ether mask	05	TOBOLD, tongue depressors	04
SCHMID, vascular spatulas	120	TOENNIS ADSON, dissecting scissors	22
SCHOEMAKER-LOTH, needle holder	63	TOENNIS, dissecting scissors	22
SCHOENBORN, retractors	71	TOENNIS, fine wound retractor	69
SCHRODER, uterine scoops	116	TOENNIS, vascular spatulas	120
SCHUMACHER, rib shears	126	TOENNIS, needle holder	63
SCHUMACHER, umbilical scissors	28	TRELAT, raspatories	137
SCHUMASHER, biopsy forceps	114	TRIGEMINAL KNIFE	13
SCOVILLE-RICHTER, retractors	67	TROCARS	100
SEGOND, myomatome	13	TROEMNER, percussion hammer	01
SEIDL, vaginal specula	102	TROUSSEAU, tracheal dilators	119
SEIDL-DBP, biopsy forceps	114	TROCAR, Suction Instruments	159
SELLORS, rib spreaders	128	TROELTSCH, FORCEPS, Bayonet - Shaped	40
SEMKEN, dissecting forceps	34	TUFFIER, rib spreaders	127
SEMKEN, tissue forceps	37	TUTTLE, lung dissecting forceps	41
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-AESCULAP, plaster shears	156		
STILLE-RUSKIN, bone rongeurs	145		
STRACK, wire scissor	29		
STRASSBURGER Tissue forceps	41		
STANDARD, Dissecting Forceps	35		
STANDARD, Tissue Forceps	39		
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		
VISE 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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