

SHBD
SURGICAL



SURGICAL
INSTRUMENTS

www.shbdsurgical.com.pk

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

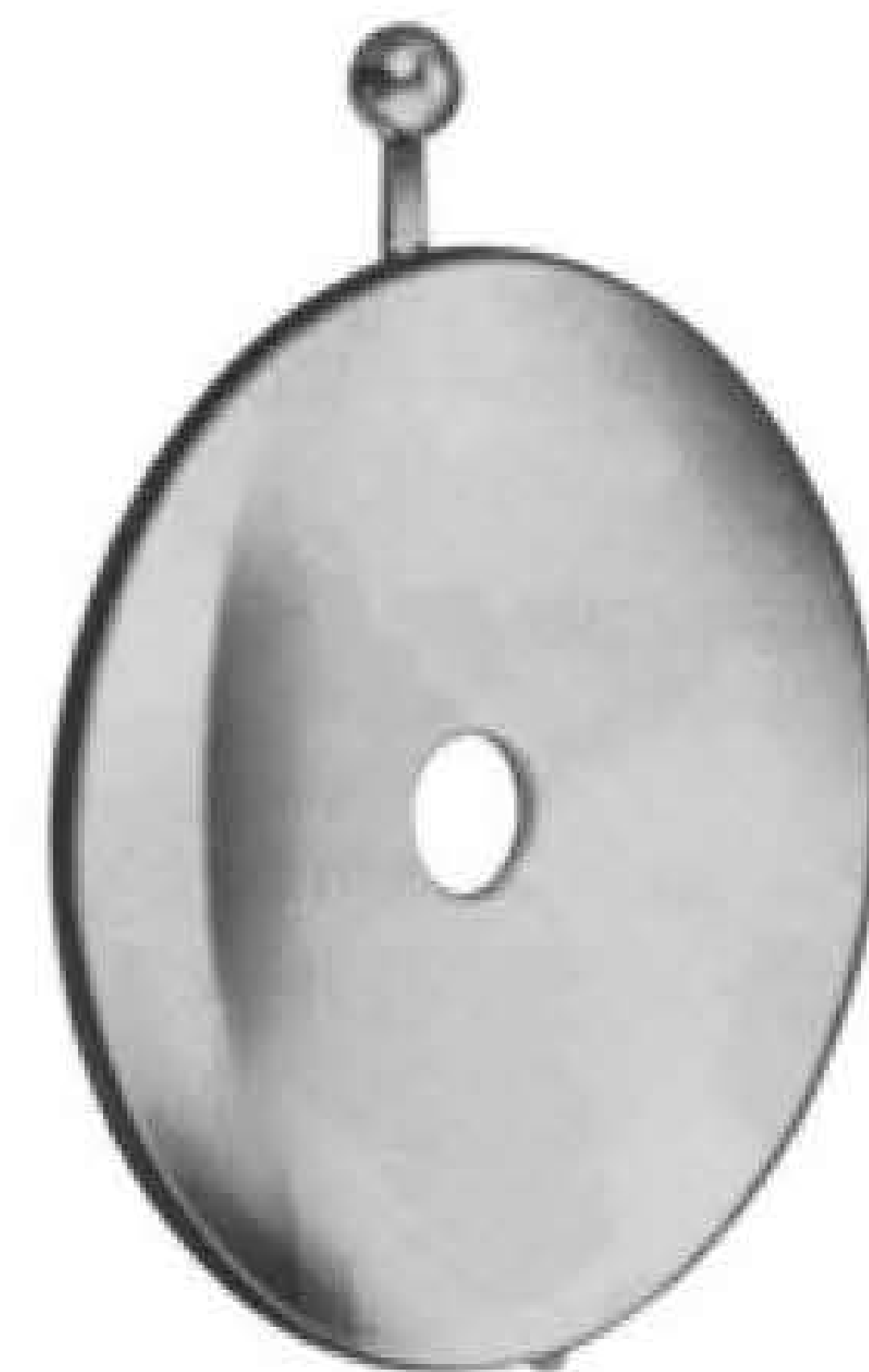


01-115
BOWLES

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

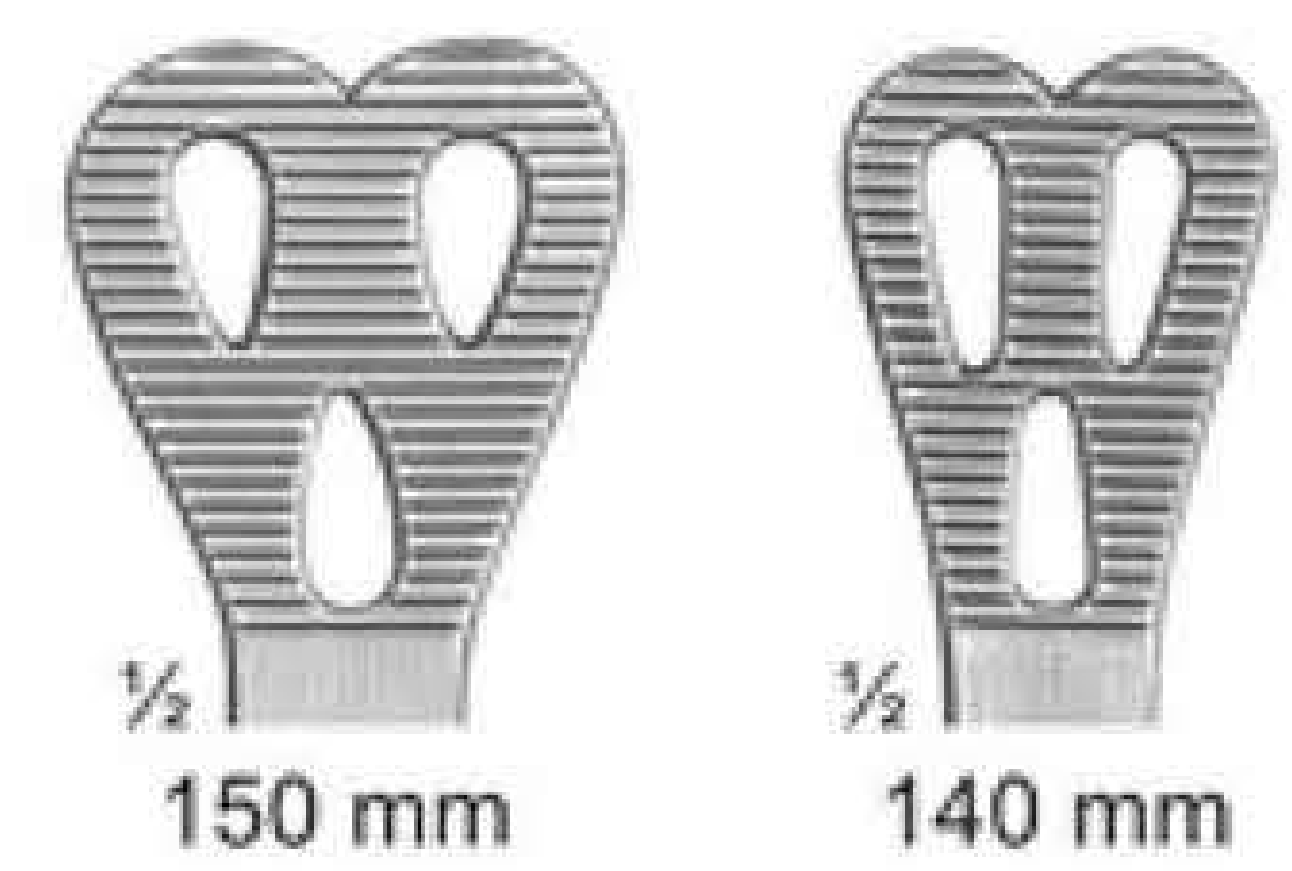
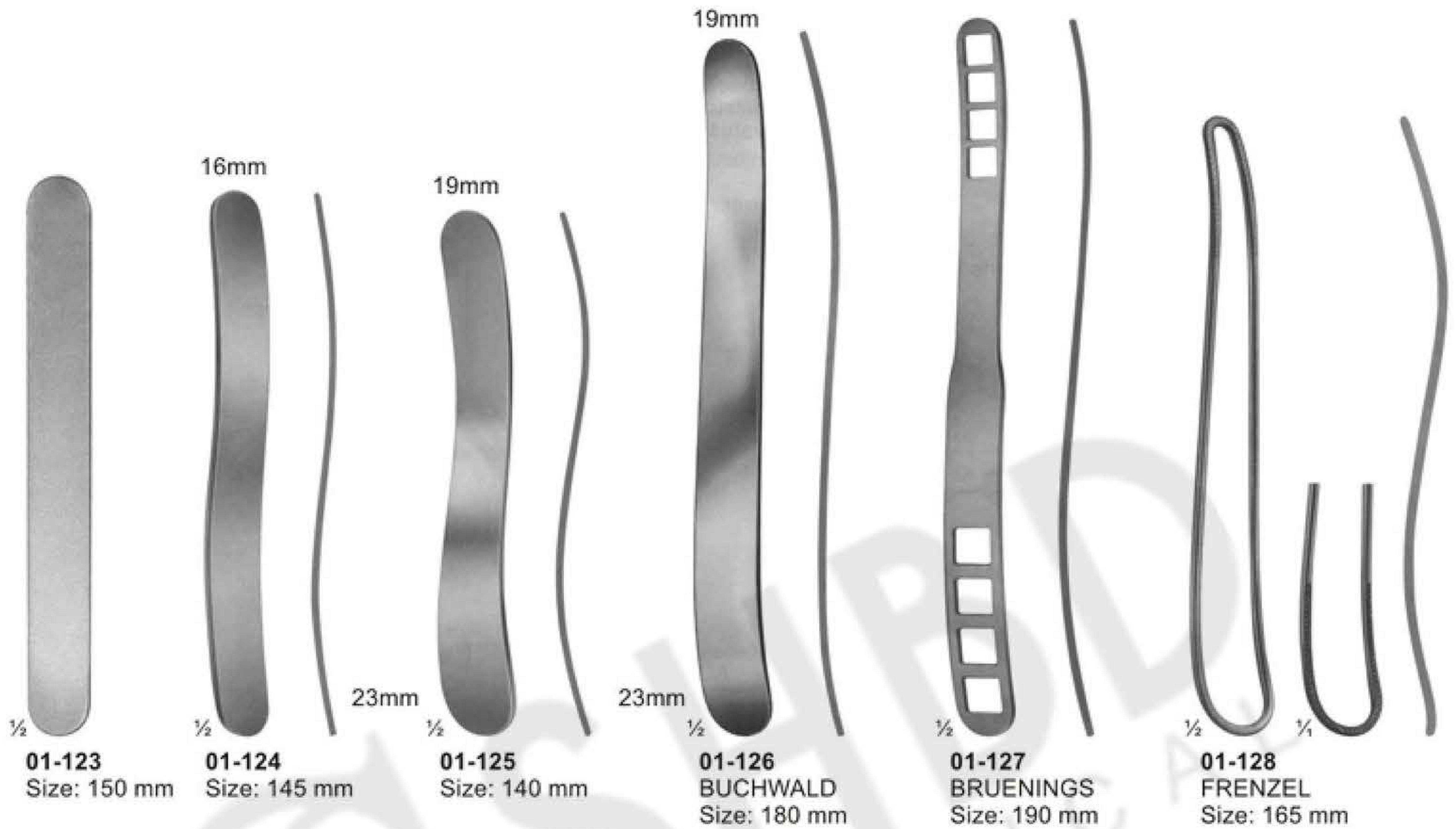


01-121
head band of plastic,
white, soft pattern



01-122
head mirror with black
plastic head band.

Tongue Depressors



Instruments for Anaesthesia and Tongue Forceps



1/2

01-134
SCHIMMELBUSCH
Ether mask



1/2

01-135
HEISTER
Mouth gag
Size: 130 mm



1/2

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



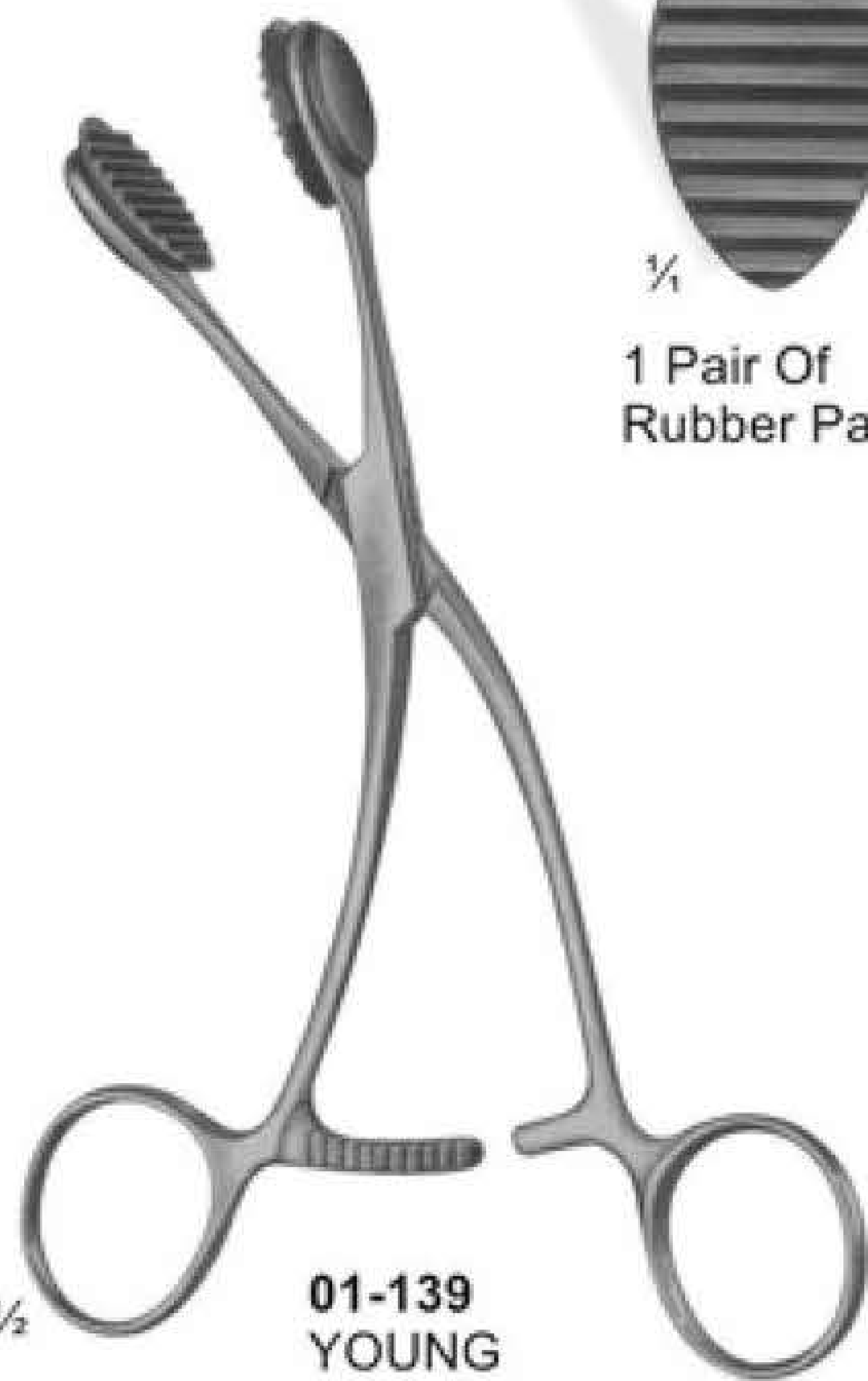
1/2

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



1/2

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



1/2

01-139
YOUNG
Size: 165 mm



1/4

1 Pair Of
Rubber Pads



1/2

01-140
COLLIN
Size: 160 mm,
170 mm



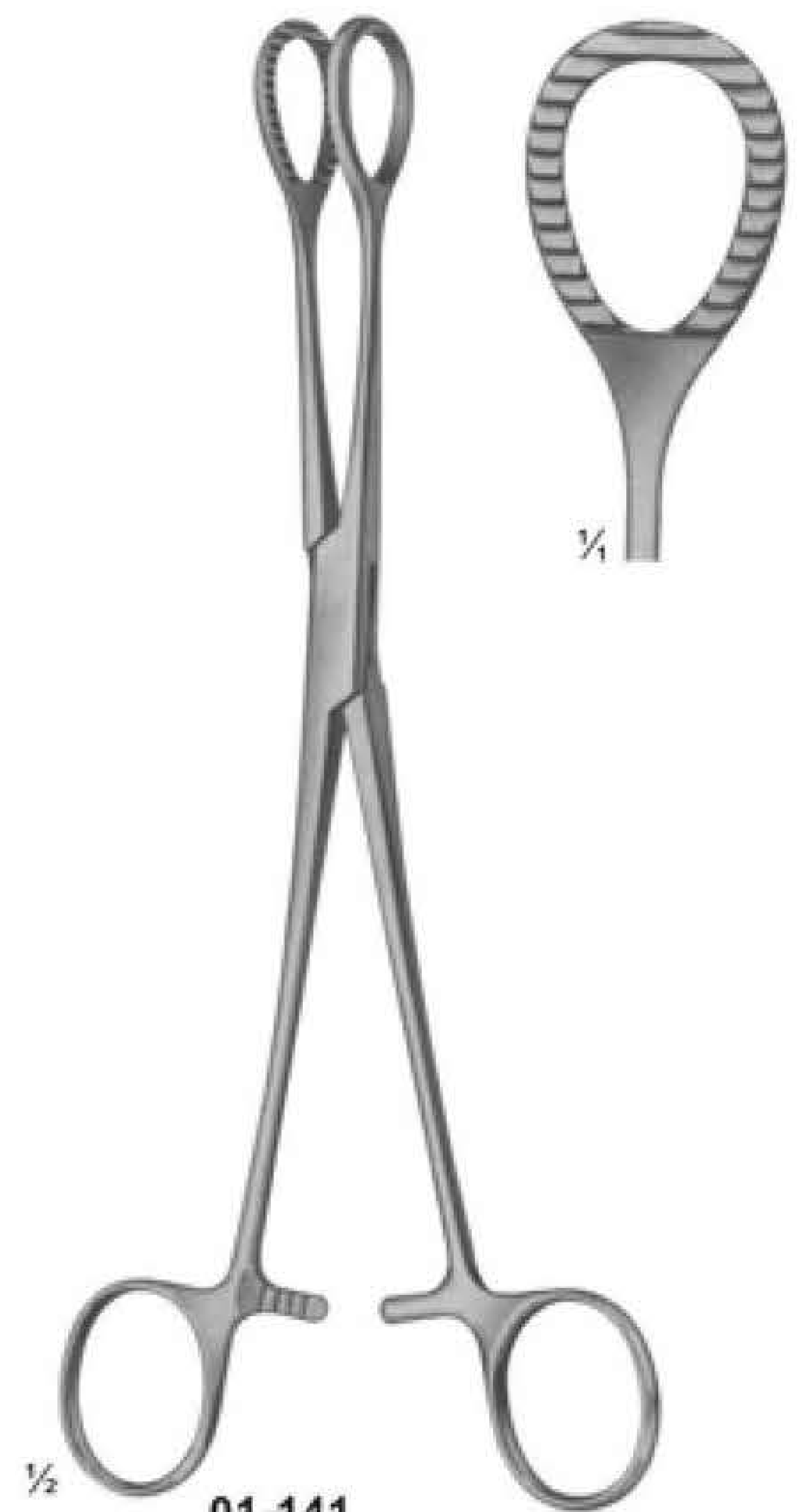
1/4

Size: 160 mm



1/4

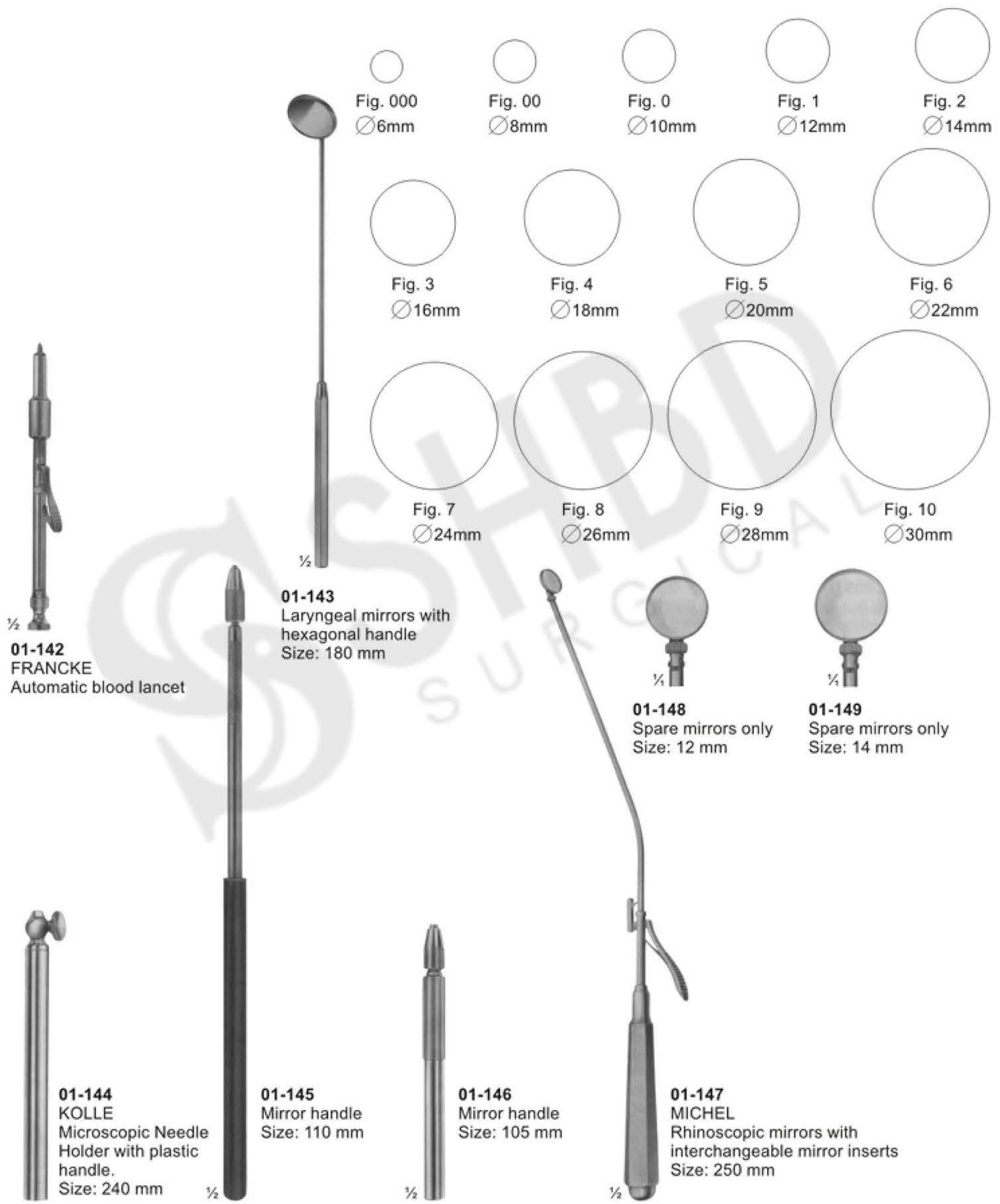
Size: 170 mm



1/2

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

Blood Lancets and Laryngeal Mirrors



01-142
FRANCKE
Automatic blood lancet

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

01-148
Spare mirrors only
Size: 12 mm

01-149
Spare mirrors only
Size: 14 mm

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

01-145
Mirror handle
Size: 110 mm

01-146
Mirror handle
Size: 105 mm

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

Fig. 000
Ø6mm

Fig. 00
Ø8mm

Fig. 0
Ø10mm

Fig. 1
Ø12mm

Fig. 2
Ø14mm

Fig. 3
Ø16mm

Fig. 4
Ø18mm

Fig. 5
Ø20mm

Fig. 6
Ø22mm

Fig. 7
Ø24mm

Fig. 8
Ø26mm

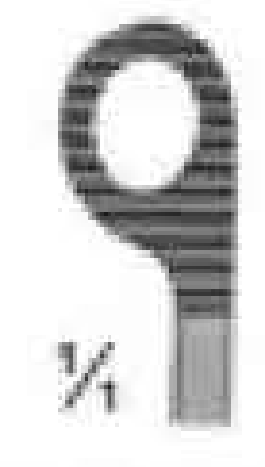
Fig. 9
Ø28mm

Fig. 10
Ø30mm

Laryngoscope and Diagnostic Sets



01-150
Infants
Size: 150 mm



01-151
Children
Size: 200 mm



01-152
Adults
Size: 250 mm

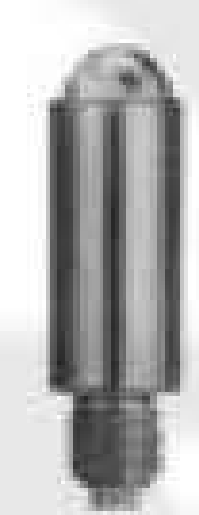
01-154



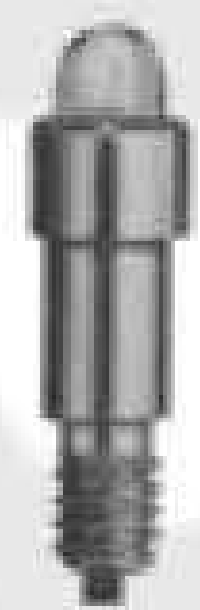
01-150 - 152
MAGILL



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



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



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



01-155



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



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

Laryngoscopes



1/3

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

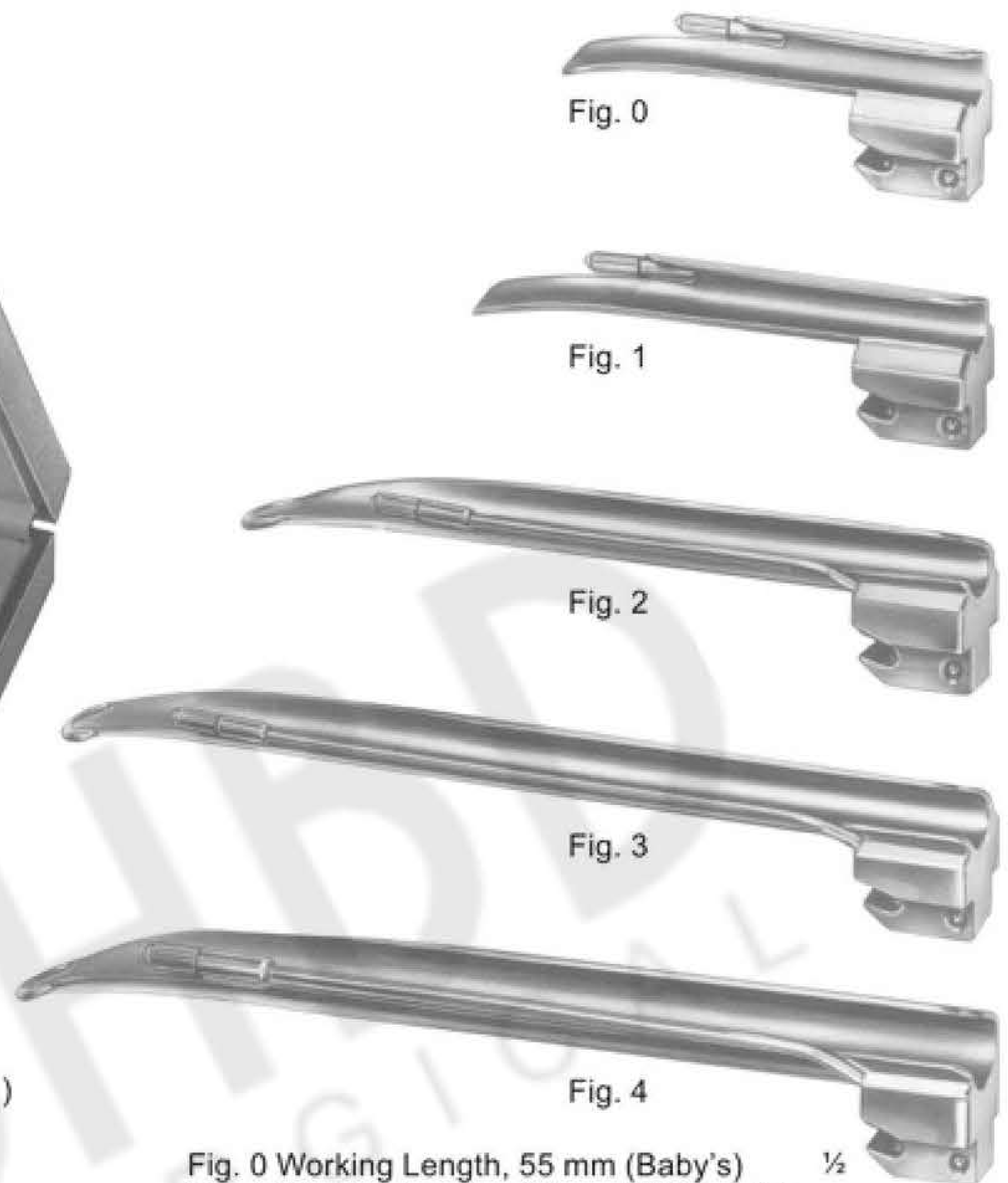


Fig. 0

Fig. 1

Fig. 2

Fig. 3

Fig. 4

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



1/3

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

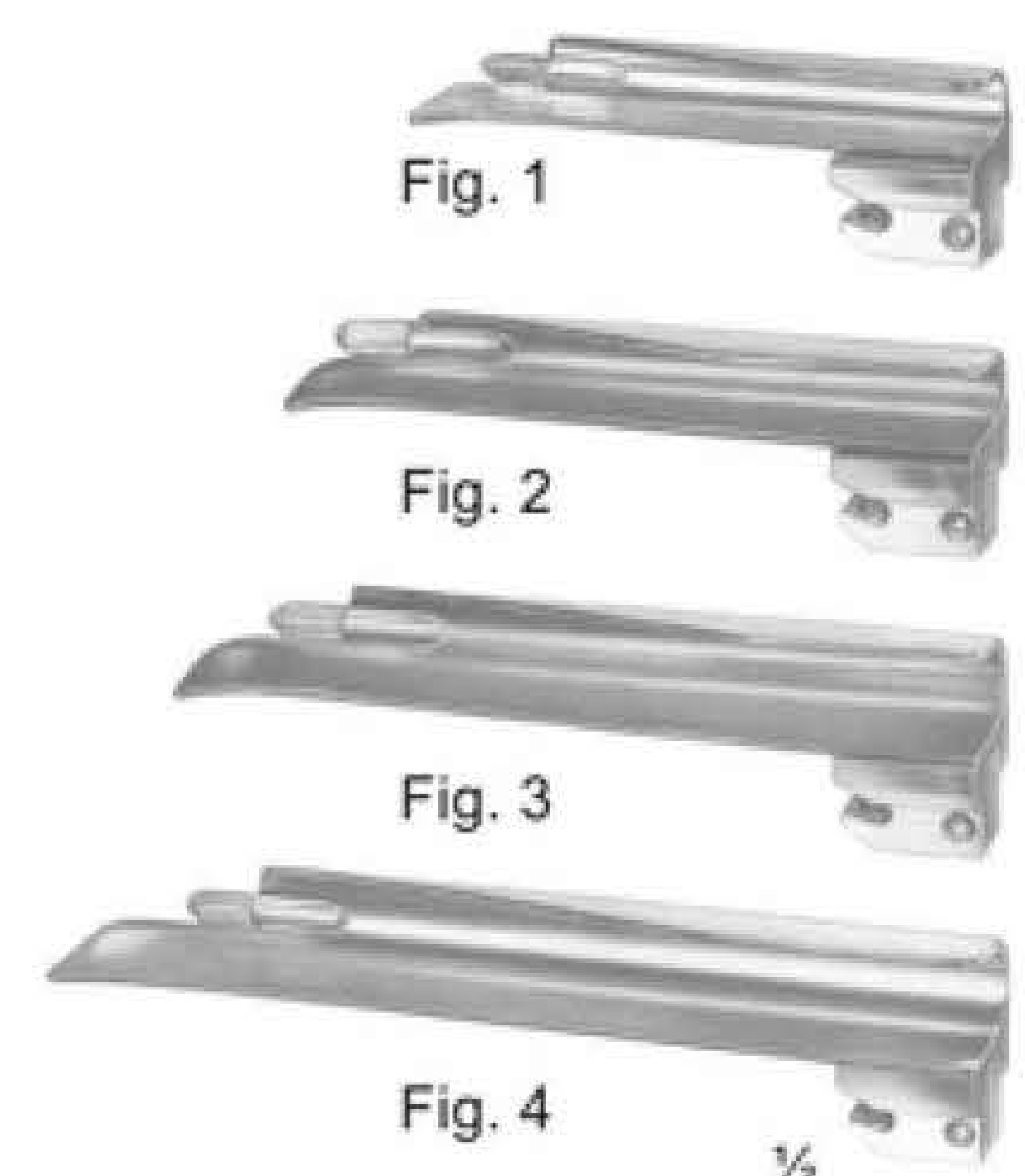


Fig. 1

Fig. 2

Fig. 3

Fig. 4

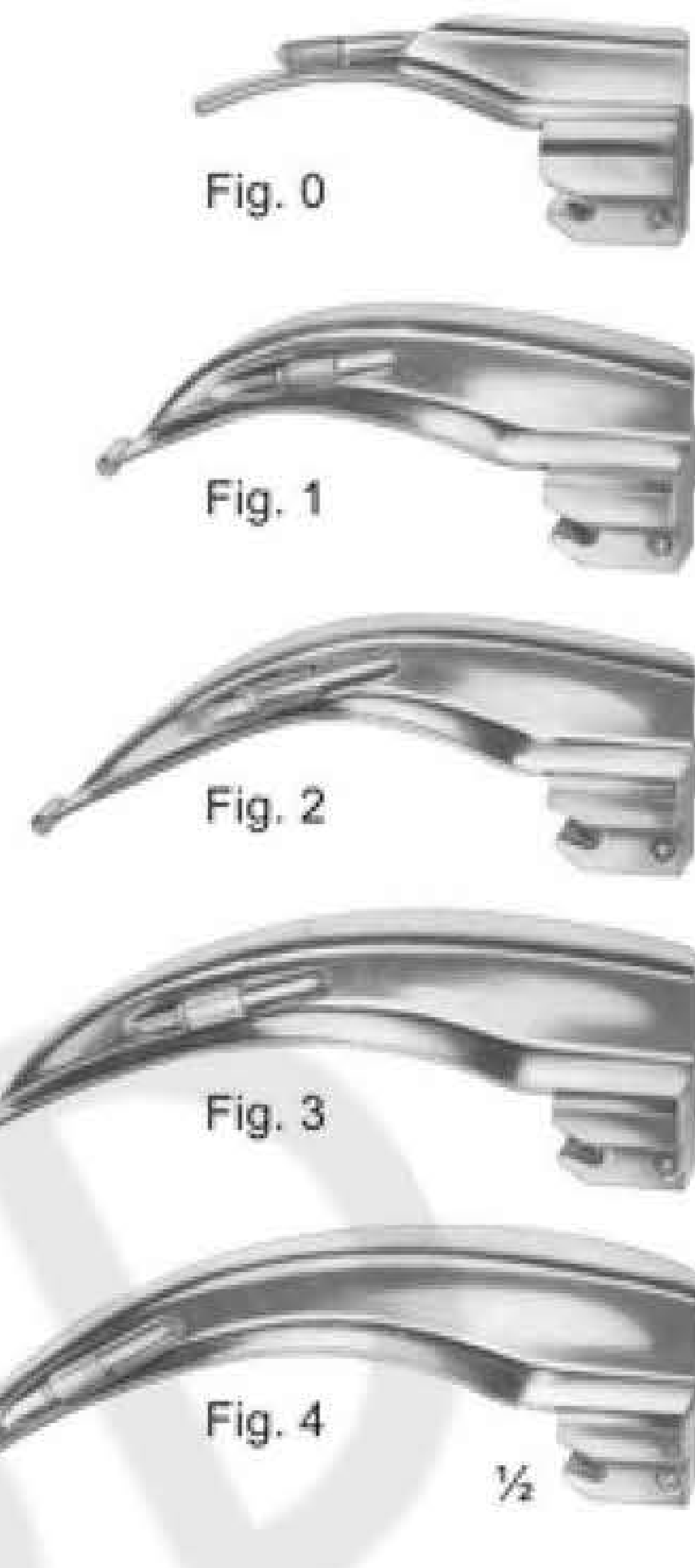
Fig. 1 Working Length, 70 mm (Children's) 1/2
Fig. 2 Working Length, 90 mm (Adolescent's)
Fig. 3 Working Length, 110 mm (Women's)
Fig. 4 Working Length, 135 mm (Men's)

Laryngoscopes



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

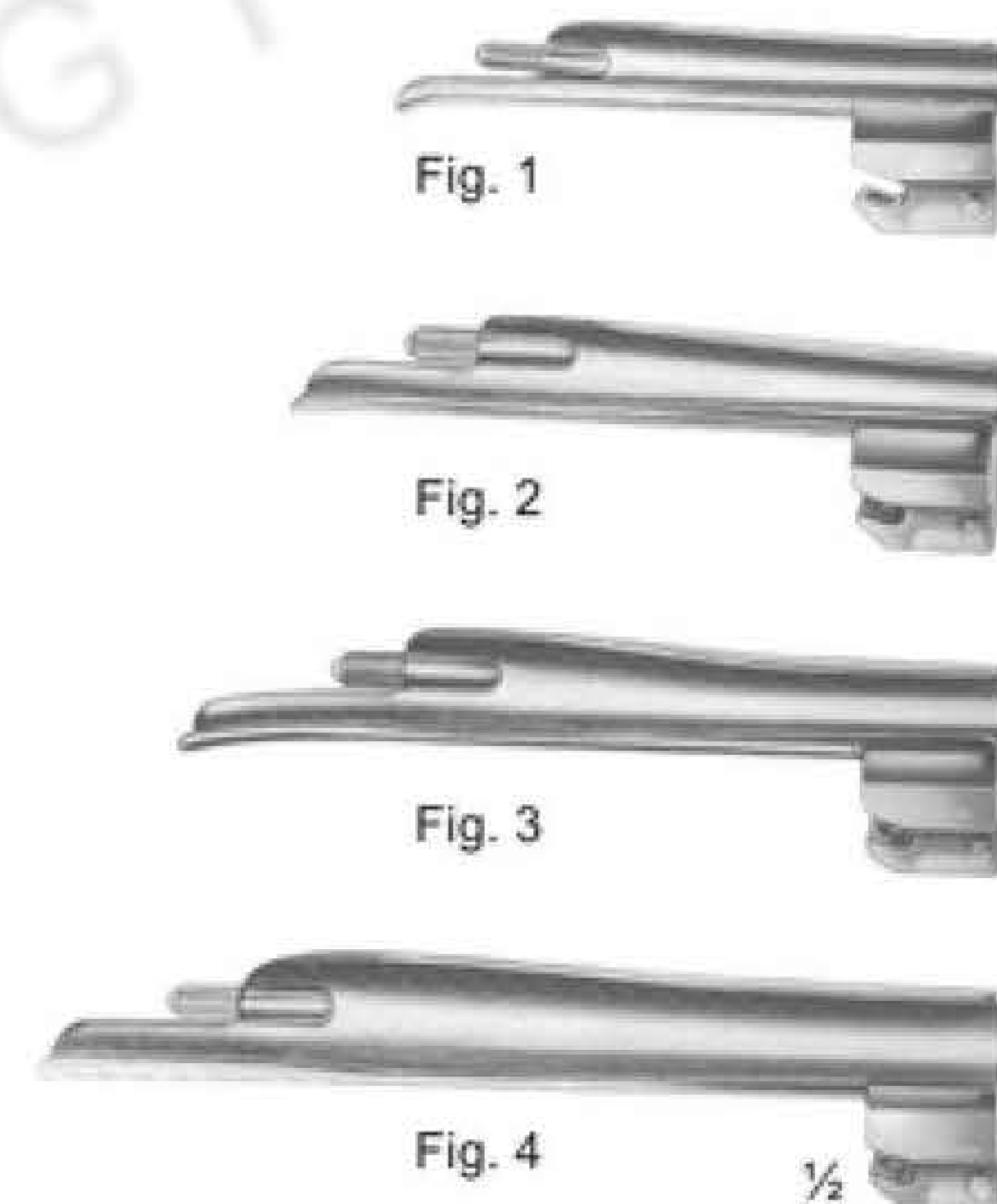


01-161 A Fig. 0 Working Length, 55 mm (Baby's)
01-161 B Fig. 1 Working Length, 75 mm (Children's)
01-161 C Fig. 2 Working Length, 90 mm (Adolescent's)
01-161 D Fig. 3 Working Length, 110 mm (Women's)
01-161 E Fig. 4 Working Length, 135 mm (Men's)



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

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



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



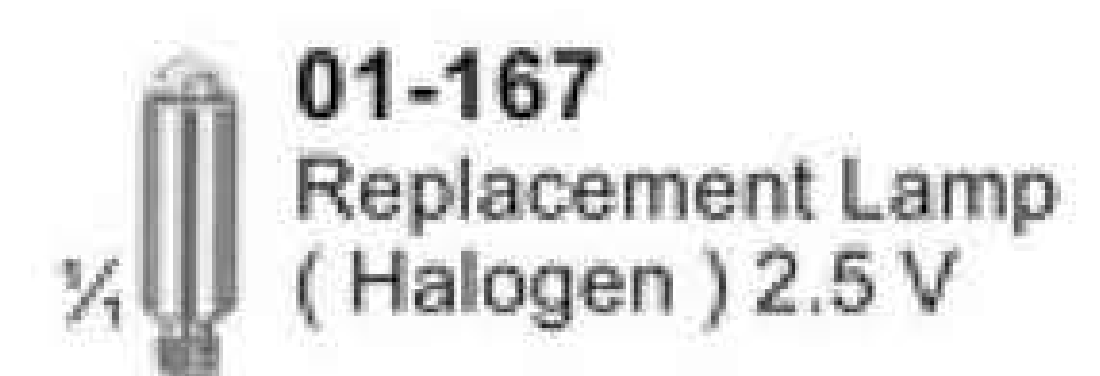
01-164
Fiber Optic
Battery Handle
30mm diam.



01-165
Fiber Optic
Battery Handle
18mm diam.

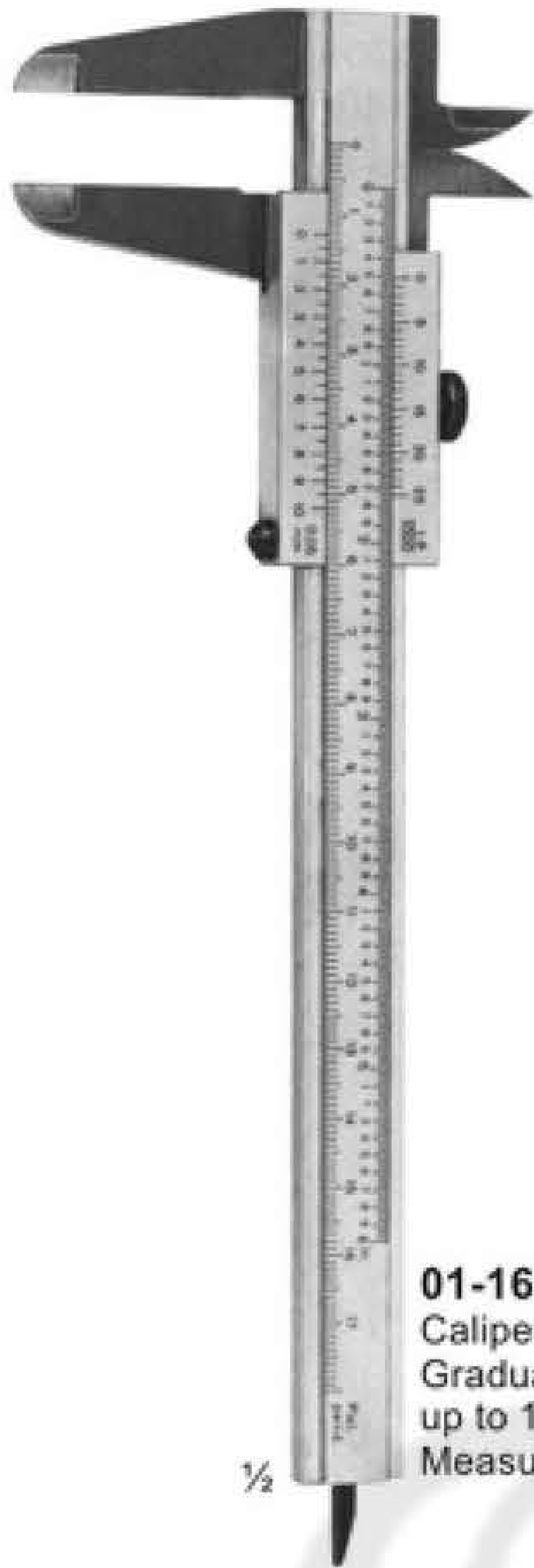


01-166
Replacement Lamp
(Krypton) 2.5 V



01-167
Replacement Lamp
(Halogen) 2.5 V

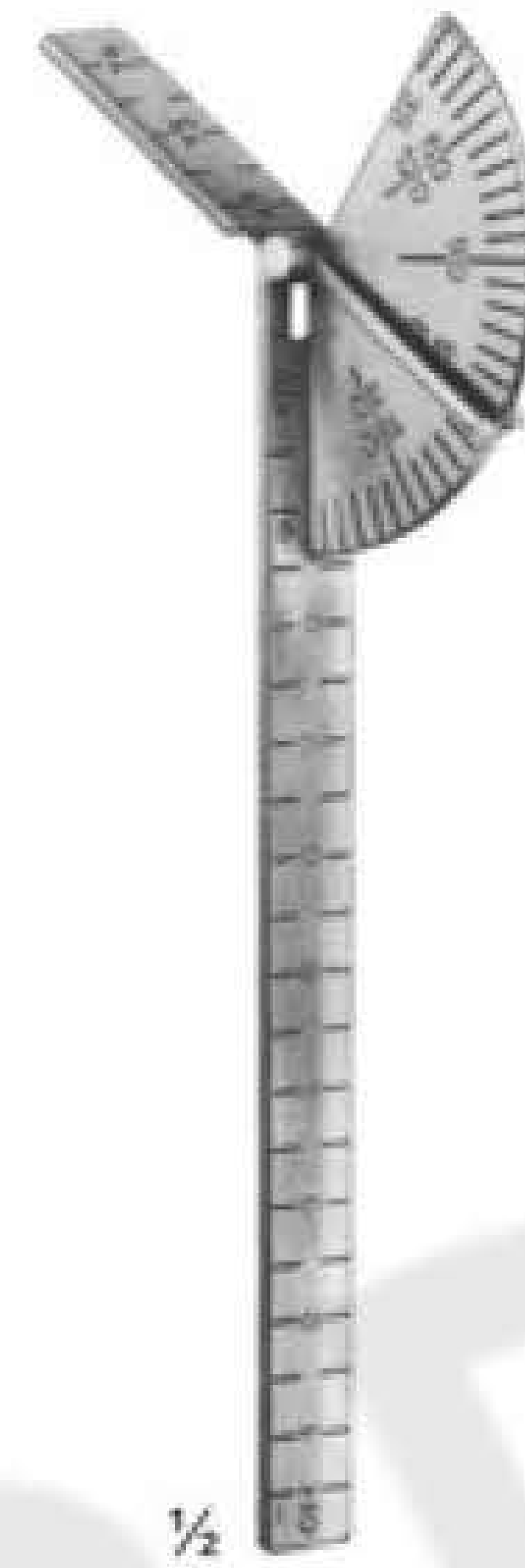
Examination & Measuring Instruments



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



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



01-170
CARROLL
Size: 145 mm
Finger Goniometer



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



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



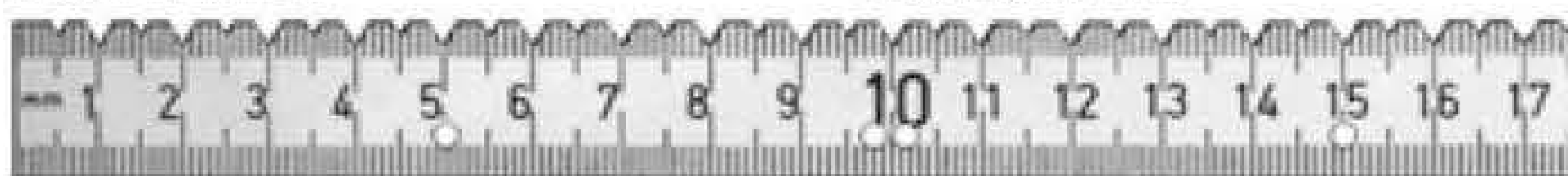
01-173
BERTILLON
Caliper For Measuring The Head
Size: 320 mm



01-174
CASTROVIEJO
Caliper
Size: 75mm



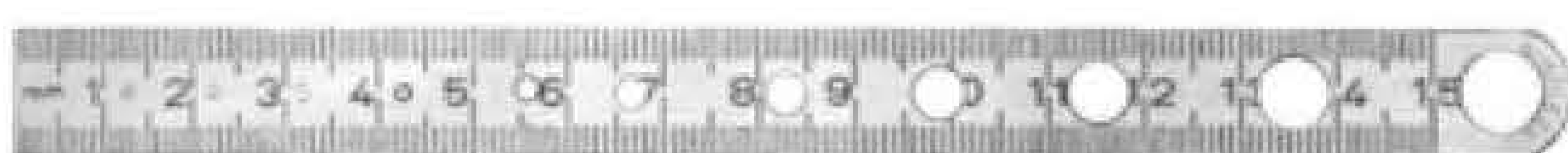
01-175
MOLTGEN
Goniometer



01-176
Size: 150 mm



01-177
Size: 500 mm



Dissecting Knives



Amputating Knives, Cartilage Knives and Autopsy Knives



LISTON 02-111 Size: 130 mm	02-115 CATLIN Size: 160 mm	02-116 LANGENBECK Size: 120 mm	02-117 Size: 110 mm	02-118 Size: 55 mm	02-119 Size: 70 mm	02-120 Size: 80 mm	02-121 Size: 195 mm
02-112 Size: 160 mm	Blade length	Blade length	Blade length	Blade length	Blade length	Blade length	Blade length
02-113 Size: 190 mm	Amputating	Flap Knives	Interosseous	with raspatory,	Wooden handle	Metal handle	Metal handle
02-114 Size: 200 mm	Knives	Knives	Knives	Wooden handle			

Blade length
Amputating Knives

Cone Knives, Myomatome, Trigeminal and Tonsil Knives



02-122
AYRE
 Size: 235 mm
 Cone Knife

02-123
 Size: 230 mm
 Cone Knife

02-124
SEGOND
 Size: 270 mm
 Myomatome

02-125
OLIVECRONA
 Size: 205 mm
 Trigeminal
 Knife

02-126
 Size: 230 mm
 Trigeminal
 Knife

02-127
FOWLER
 Size: 200 mm
 Tonsil Knife

02-128
ABRAHAM
 Size: 215 mm
 Tonsil Knife

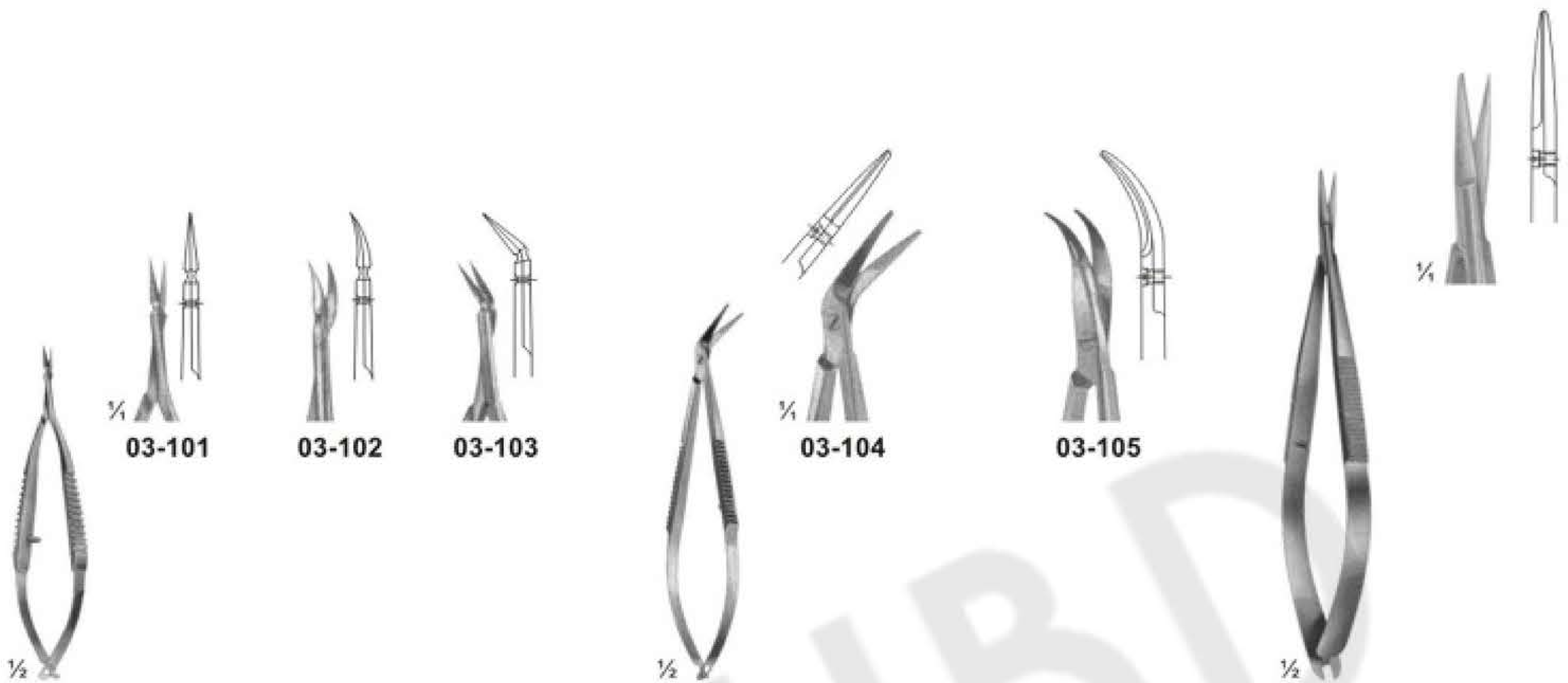
02-129
BRUNINGS
 Size: 215 mm
 Tonsil Knife

Scalpel Handles



$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
02-130 STANDARD No. 3 Solid 12 cm	02-131 No. 3 Solid 12 cm	02-132 No. 3 Solid 12 cm	02-133 No. 3 L Straight Solid 21.5 cm	02-134 No. 3 L Angled Solid 21 cm	02-135 No. 7 Solid 16 cm	02-136 No. 7 K Solid 12.5 cm	02-137 Hollow-Round 15.5 cm	02-138 No. 3 Straight Solid, Round 14.5 cm	02-139 No. 3 Angled Solid, Round 14 cm

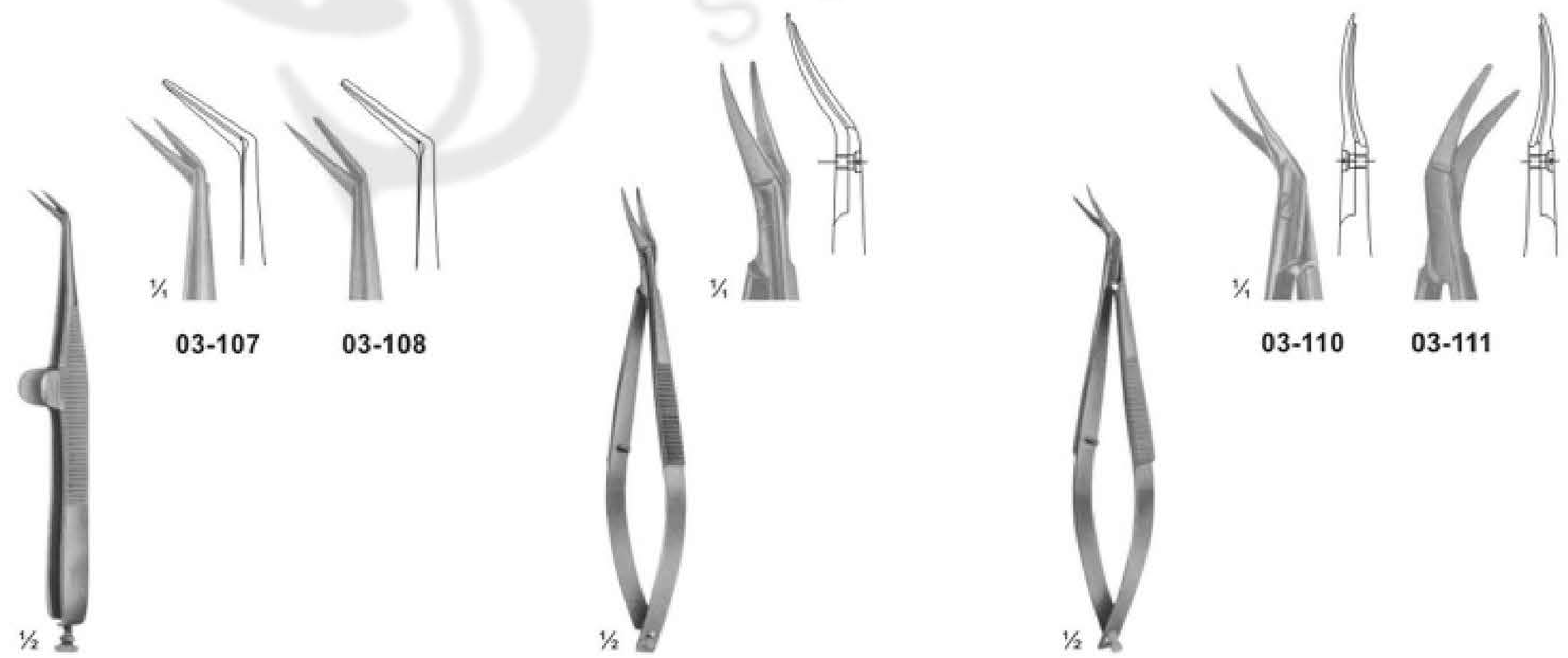
Micro Scissors (Spring Type) with Flat Handles



03-101 - 103
VANNAS
Size: 85 mm

03-104 - 105
CASTROVIEJO
Size: 95 mm

03-106
NOYES
Size: 125 mm

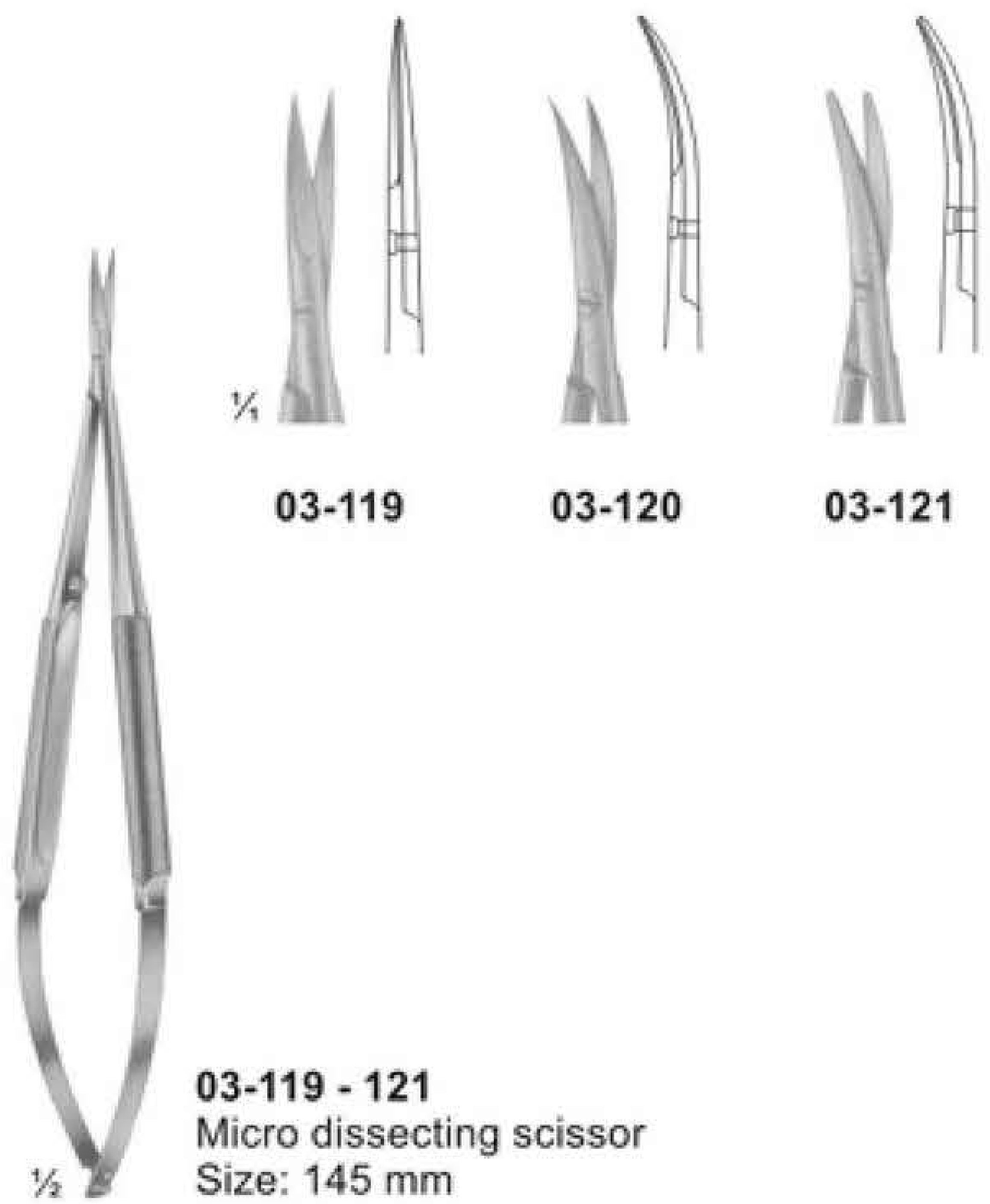
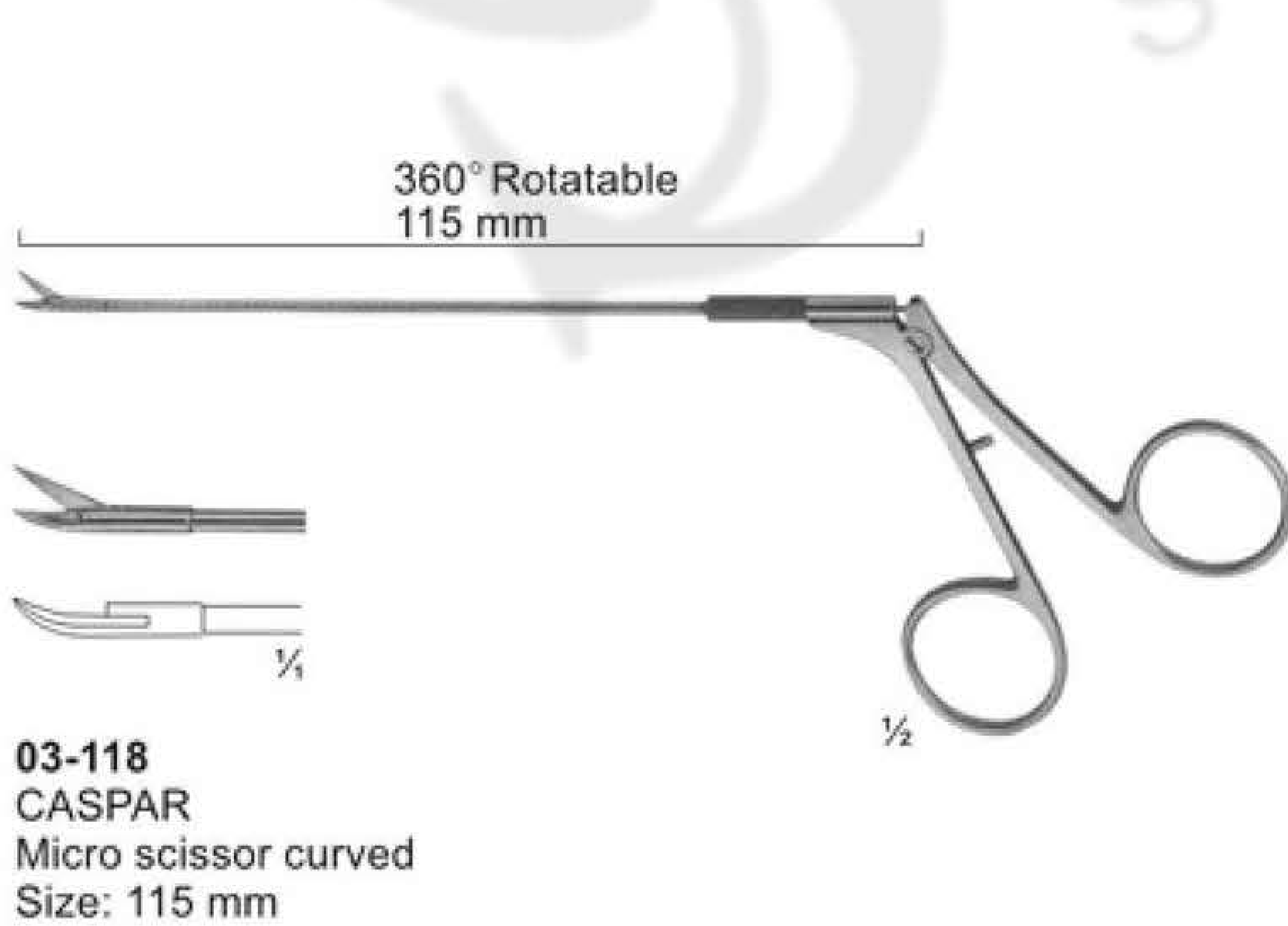
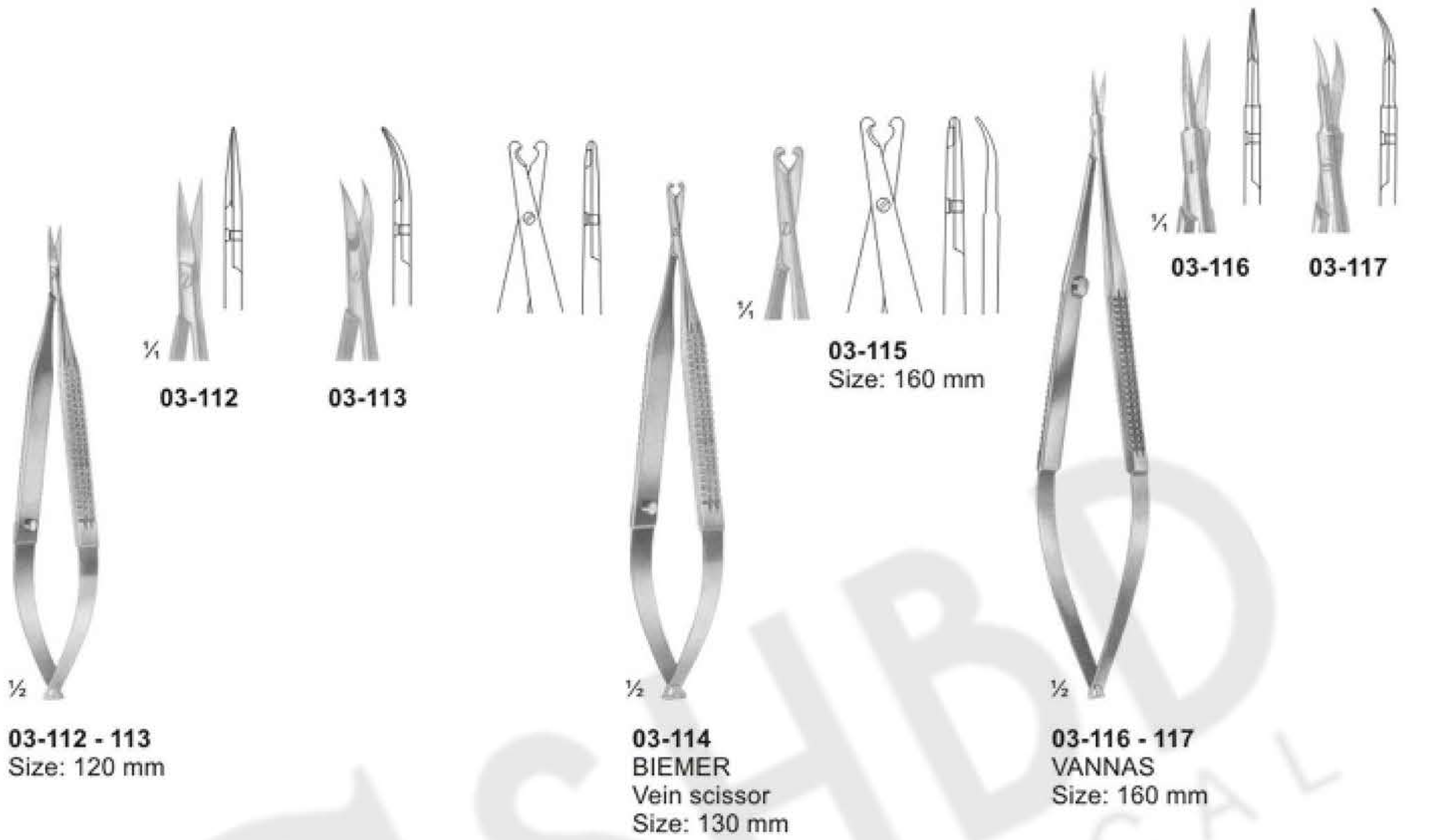


03-107 - 108
WECKER
Eye scissor
Size: 110 mm

03-109
CASTROVIEJO
Eye scissor
Size: 115 mm

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

Micro Scissors (Spring Type) with Flat Handles



Micro Scissors (Spring Type) bayonet-Shaped



1/2
03-122
 YASARGIL
 Size: 245 mm



1/2
03-125
 laterally angled
 Size: 190 mm



1/2
03-123 - 124
 laterally angled
 Size: 200 mm



1/2
03-126 - 127
 YASARGIL
 Size: 225 mm



Delicate Scissors



Delicate Scissors



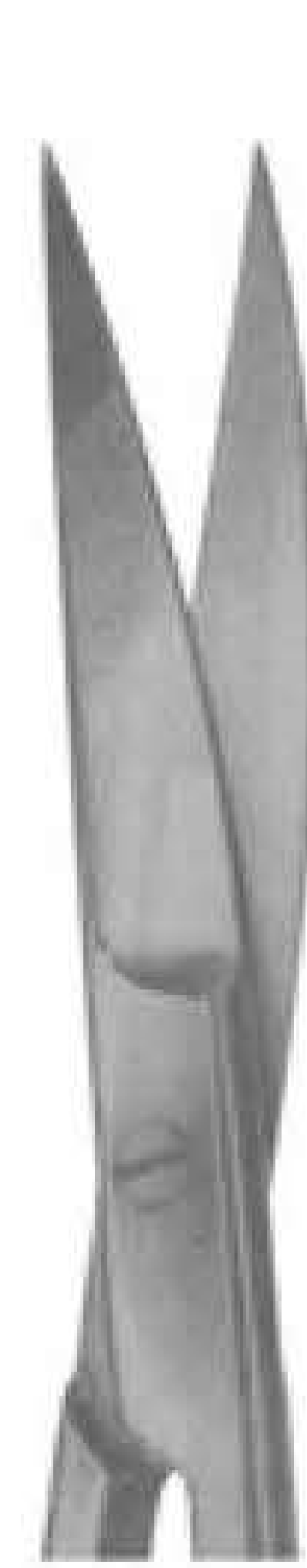
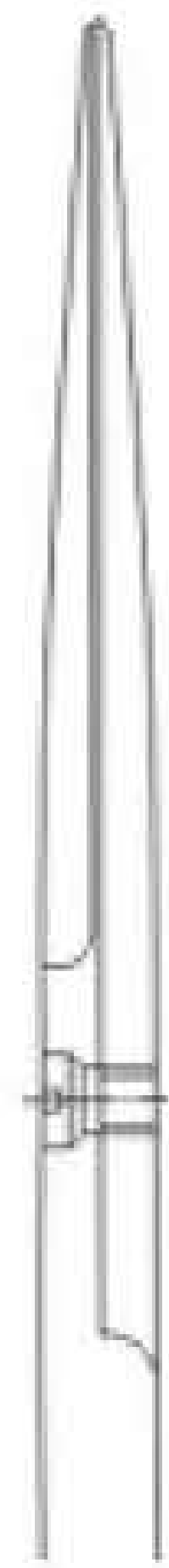
½

03-138 - 140
Size: 120 mm

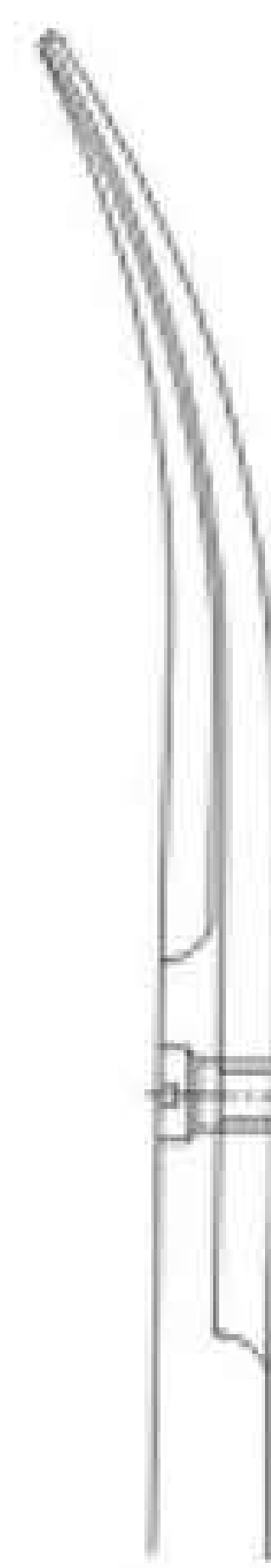


¼

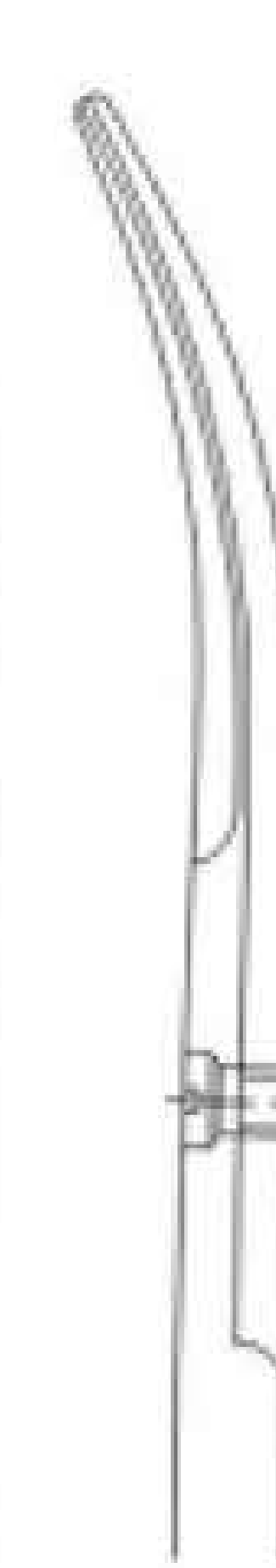
03-138



03-139

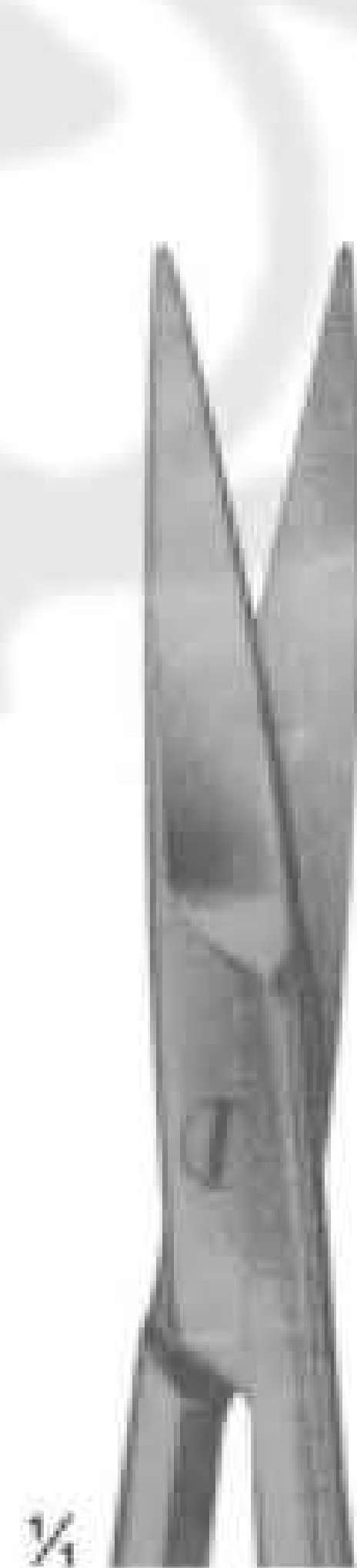


03-140



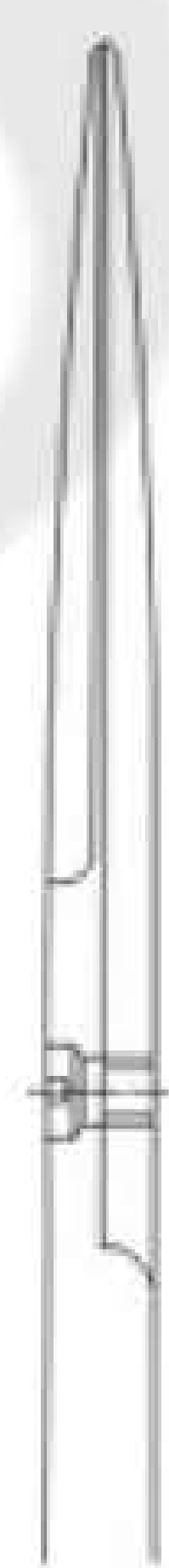
½

03-141 - 144
Size: 130 mm

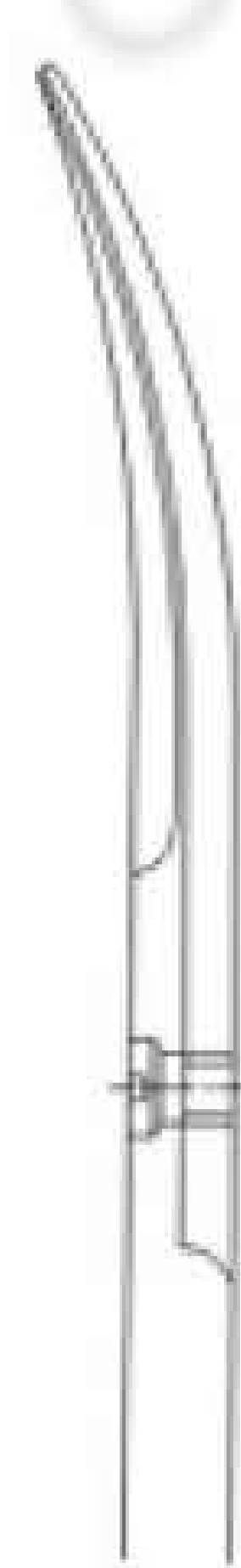


¼

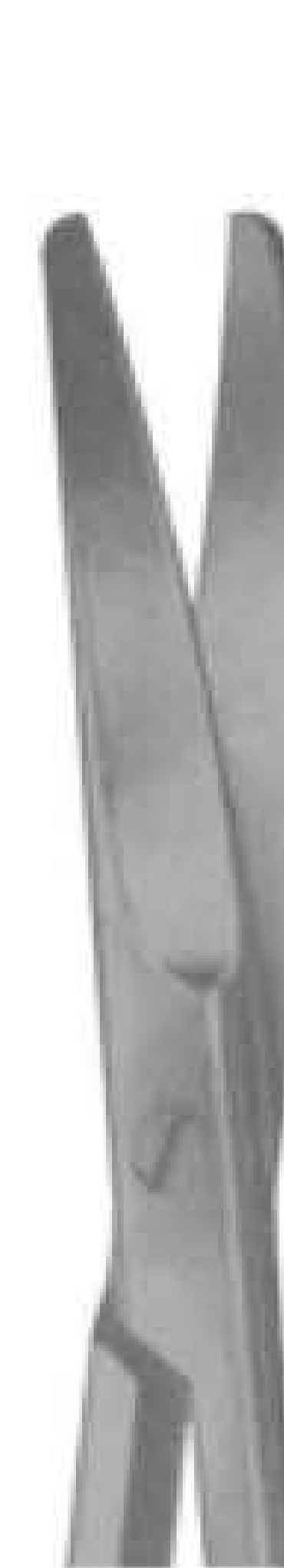
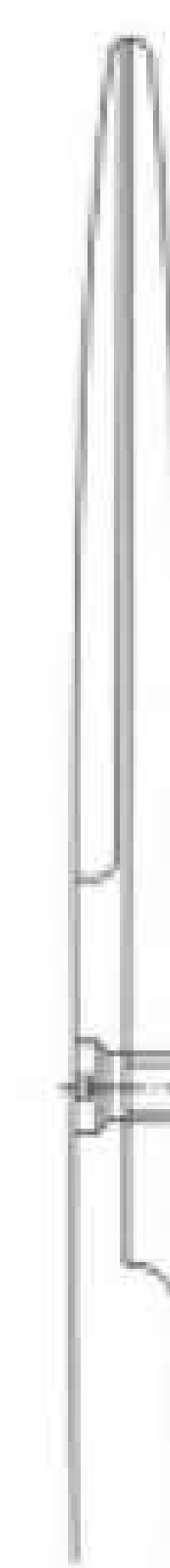
03-141



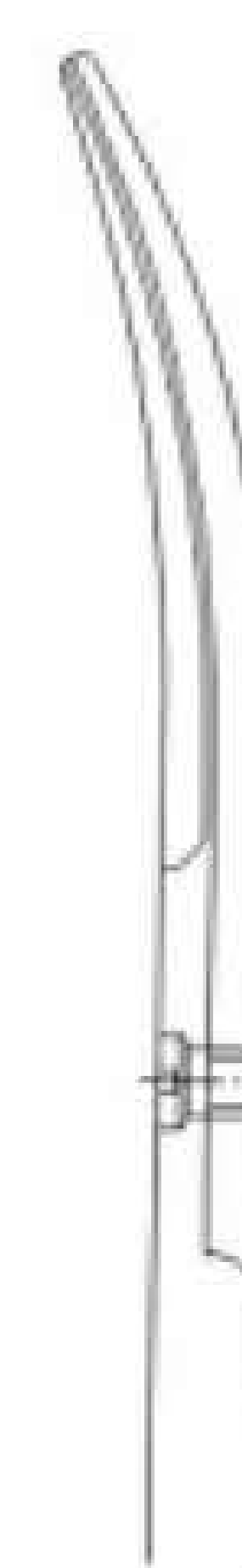
03-142



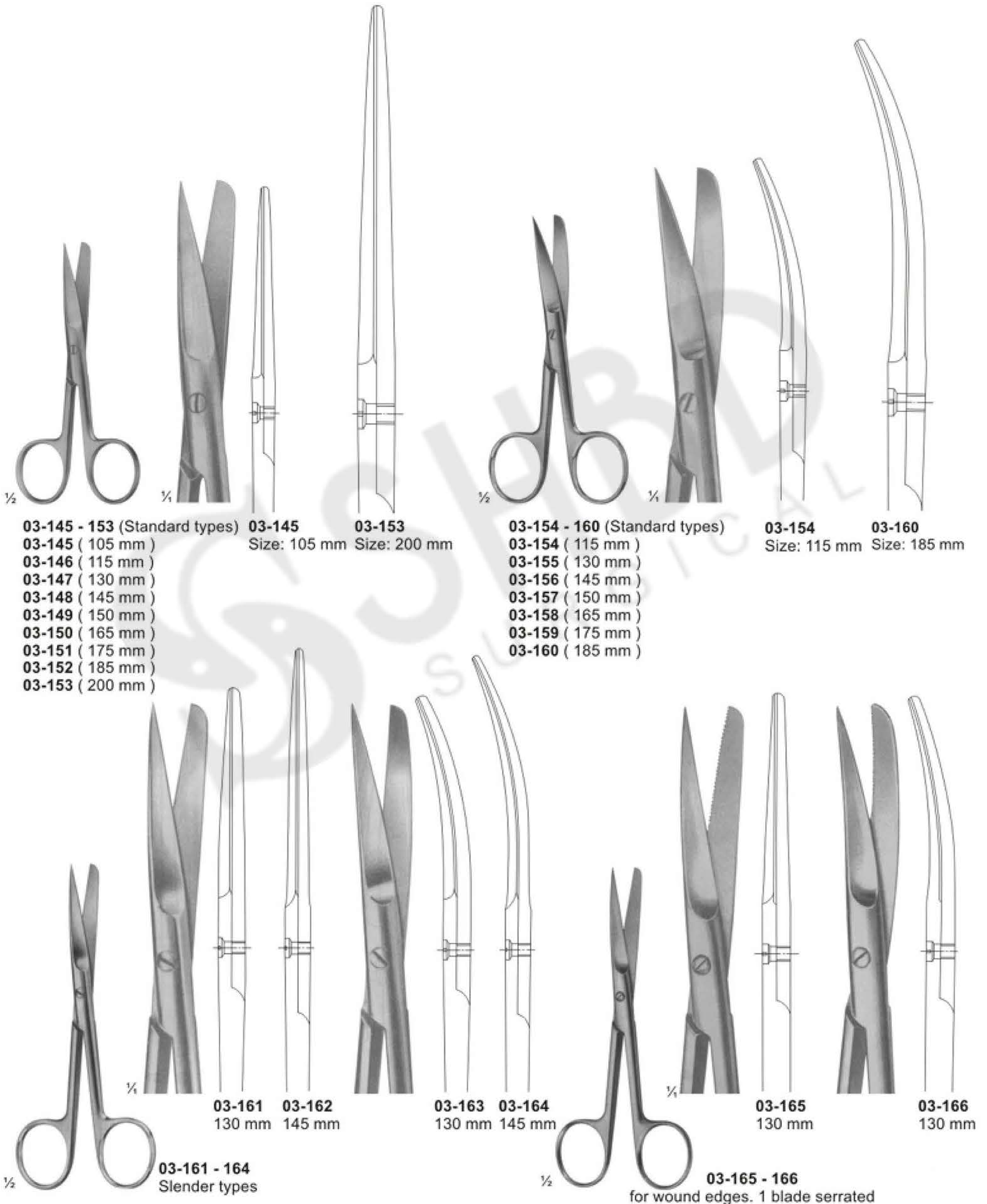
03-143



03-144



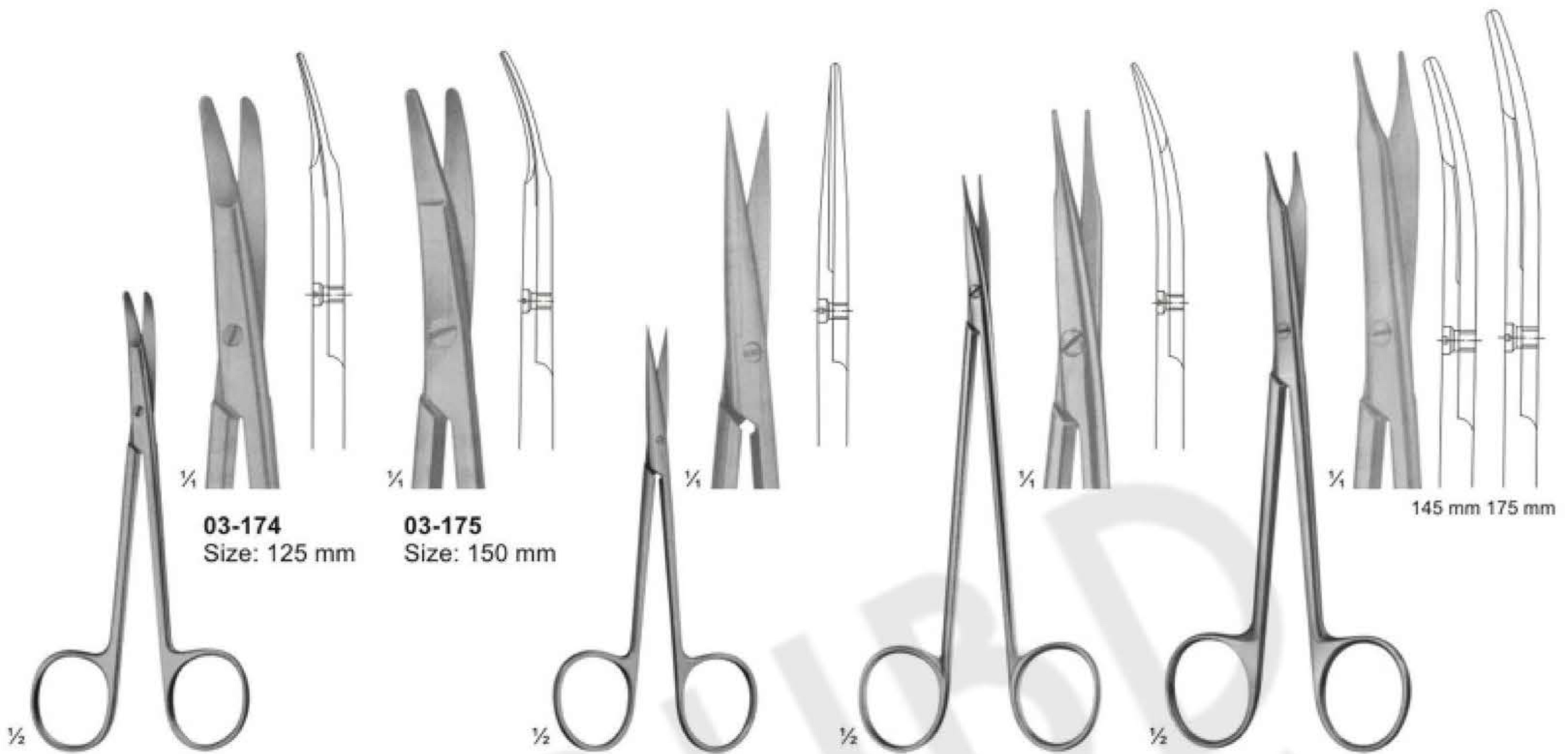
Surgical Scissors



Surgical Scissors



Dissecting Scissors

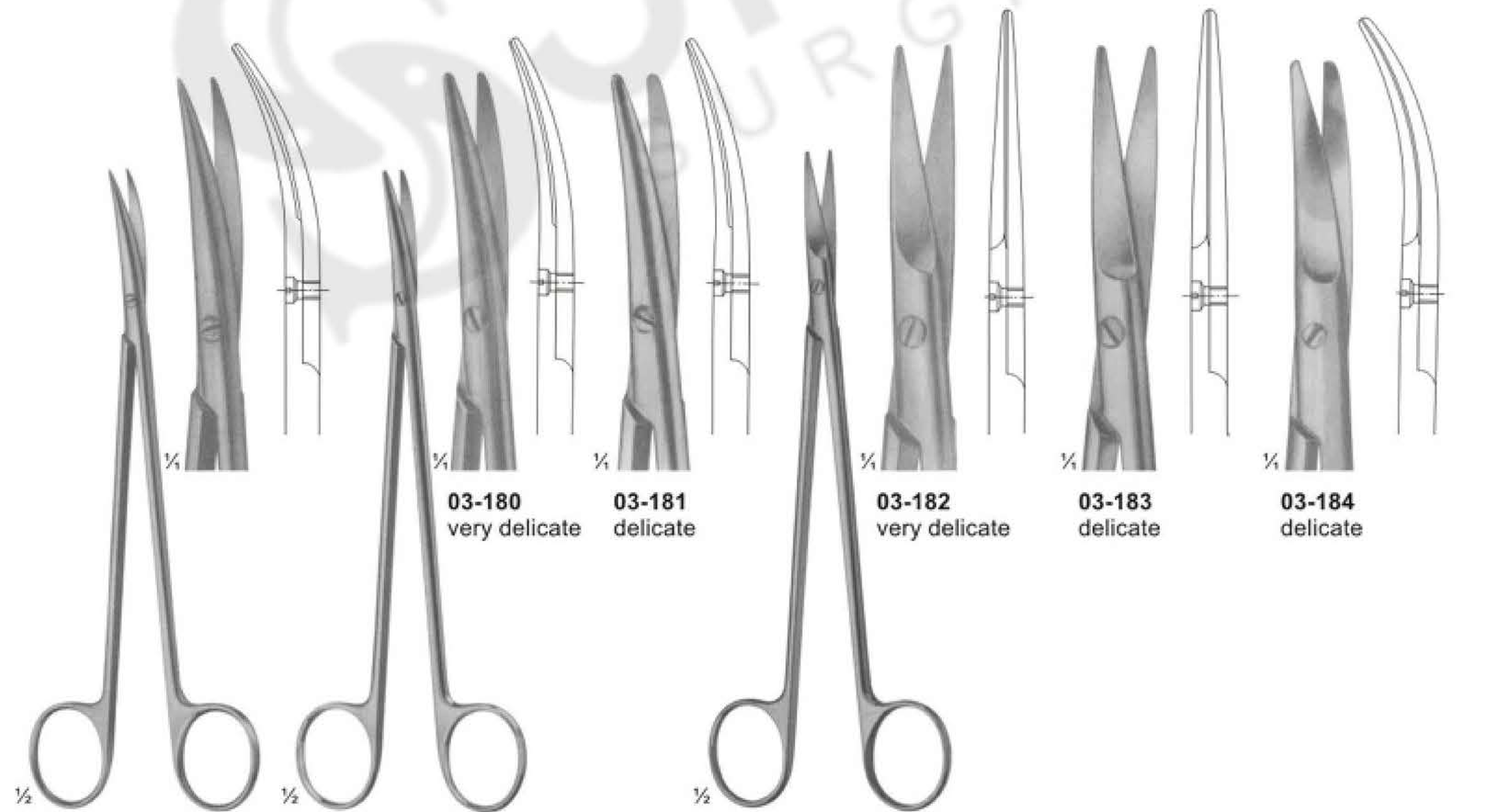


03-174 - 175
KILNER
 Special flat points for dissecting and undermining the skin

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

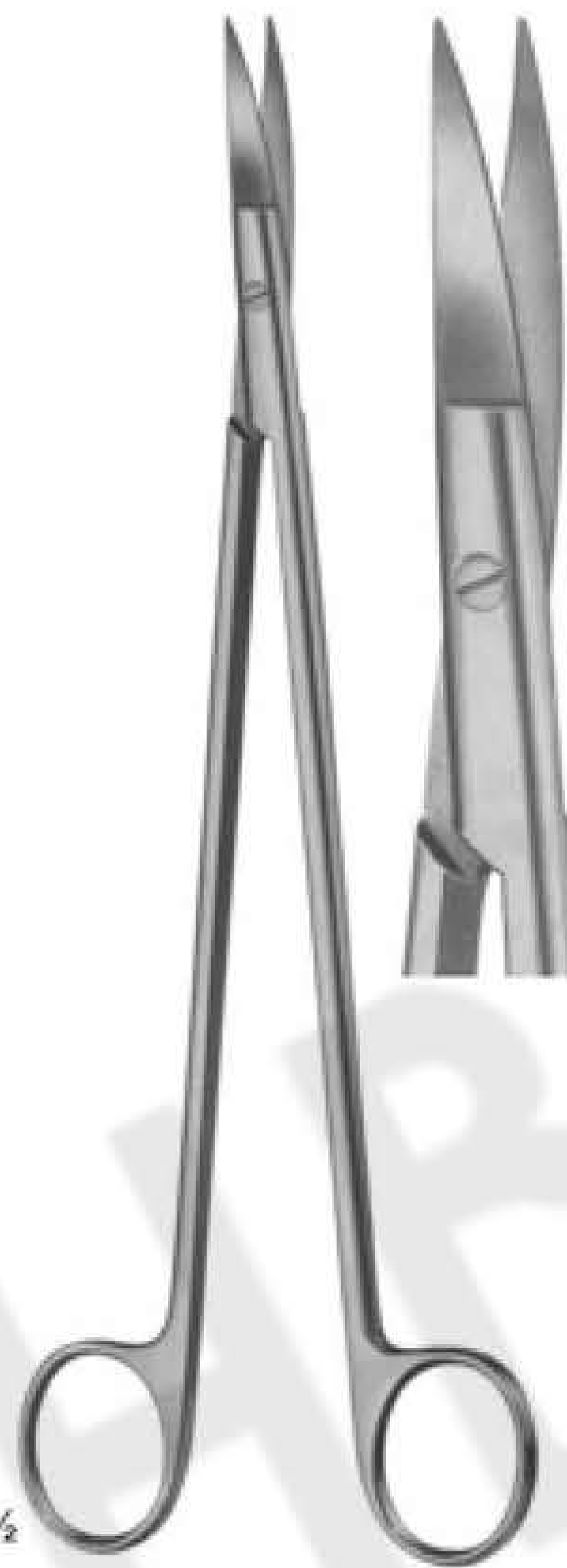
Dissecting Scissors



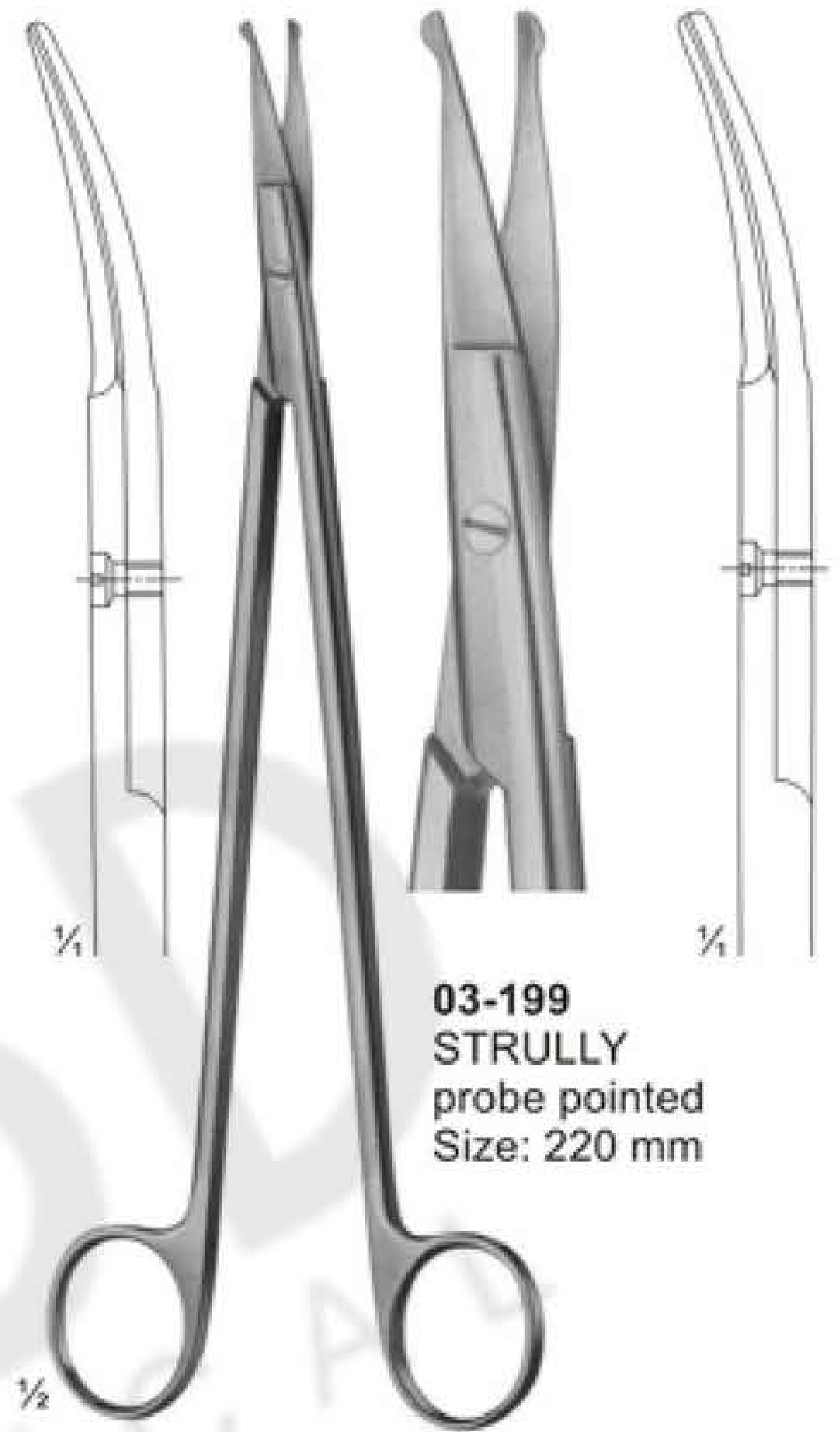
Scissors for Cardiovascular and Neuro-Surgery



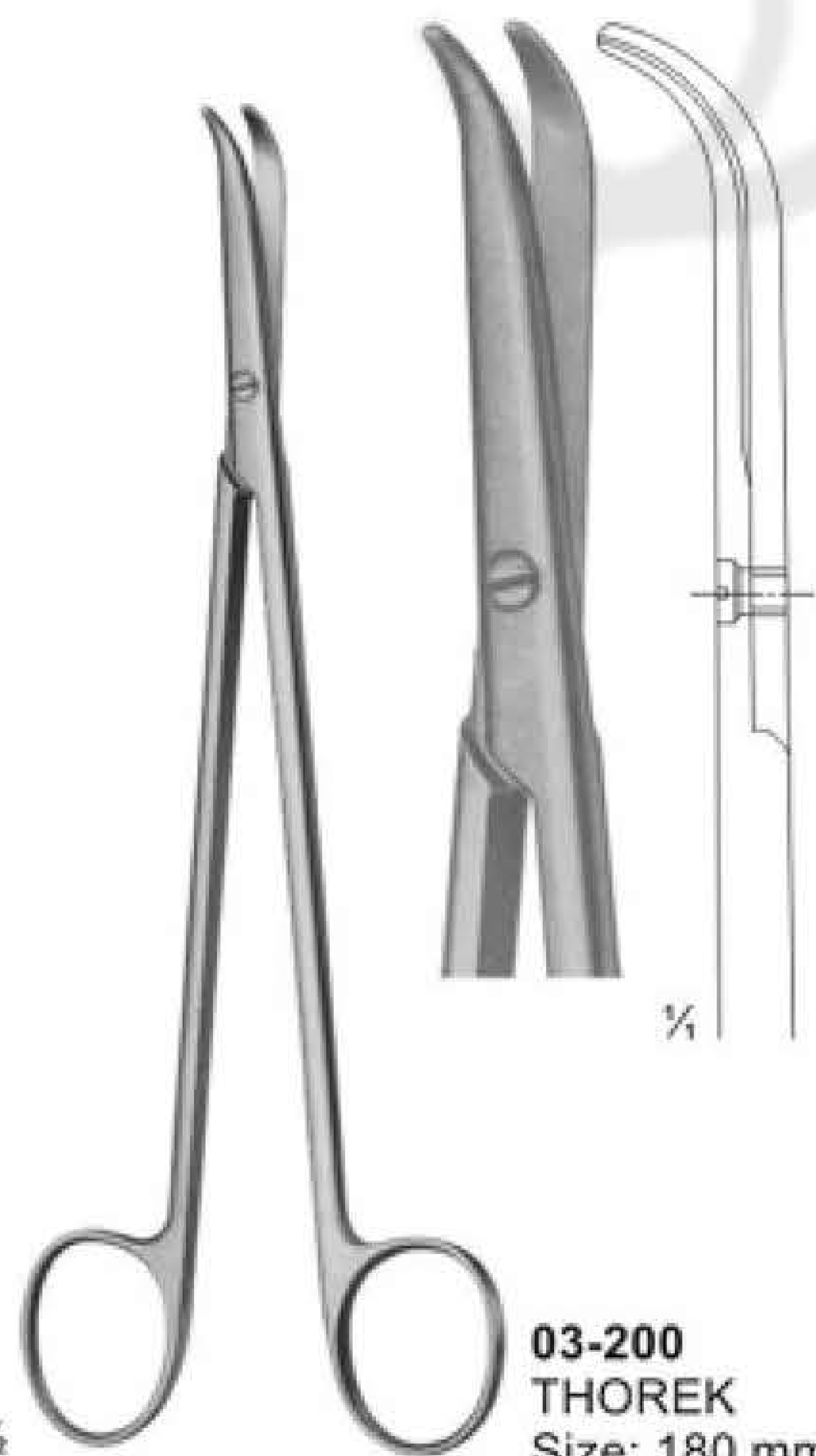
1/2 **03-197**
OLIVECRONA
Dura scissors



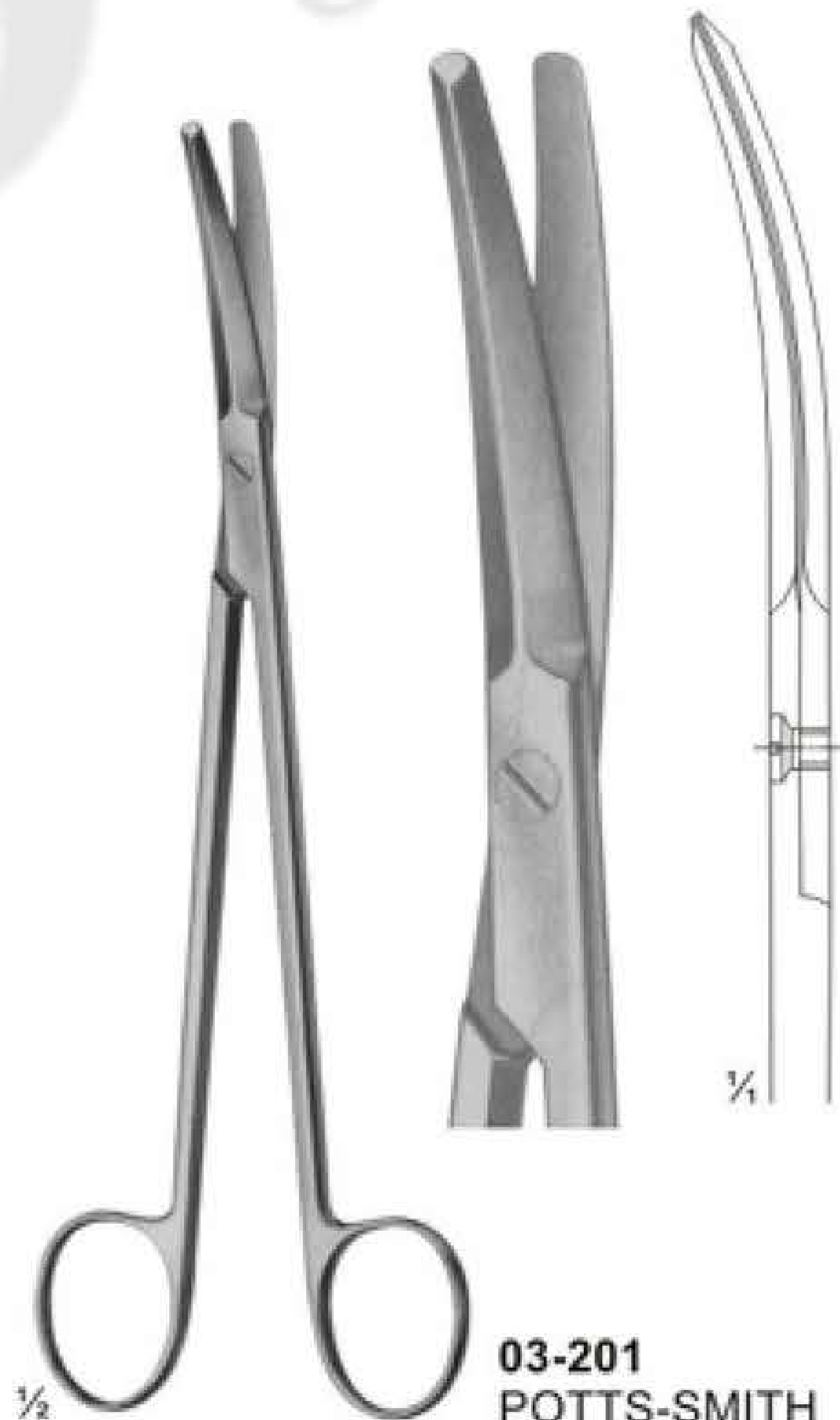
1/2 **03-198**
STRULLY
pointed
Size: 220 mm



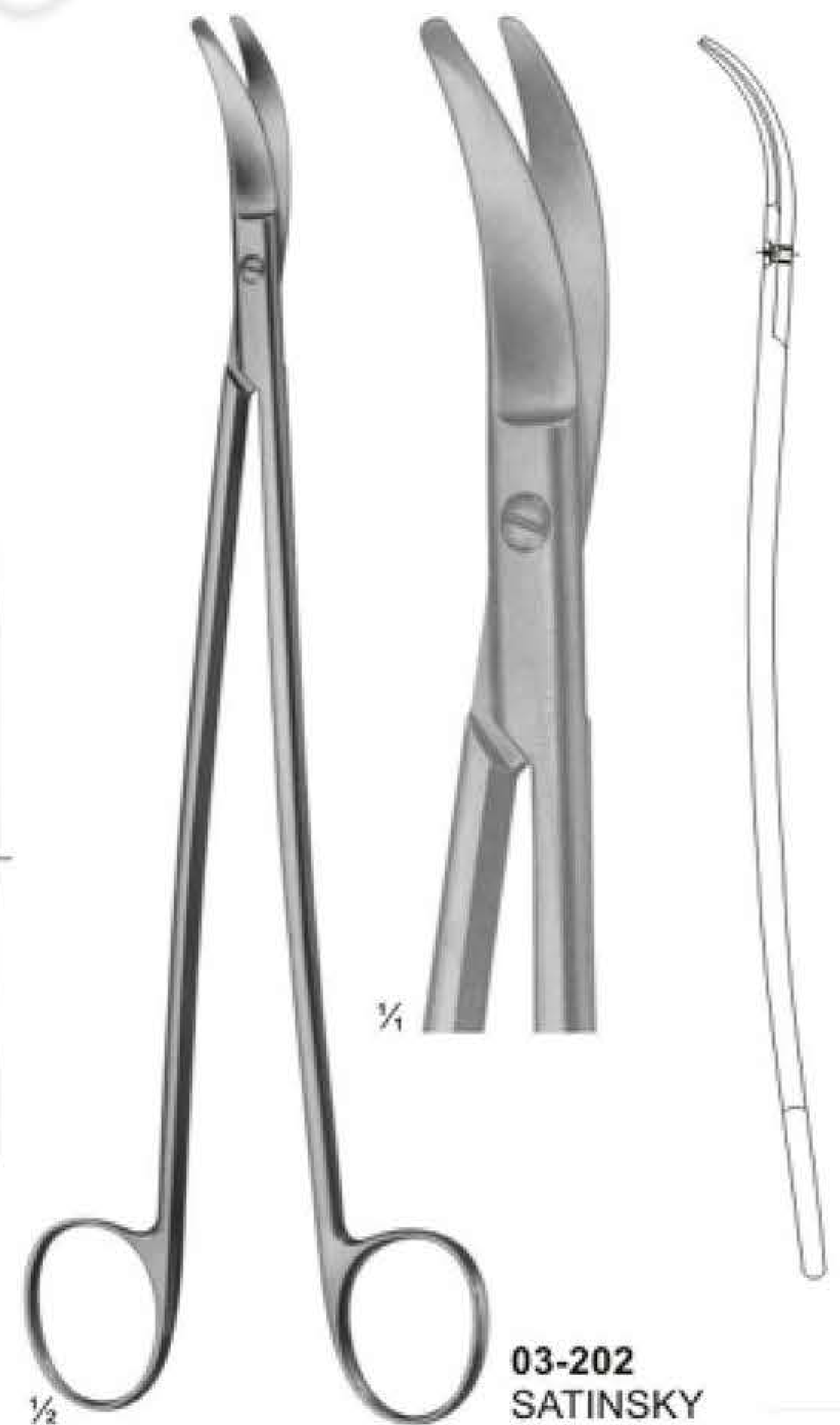
03-199
STRULLY
probe pointed
Size: 220 mm



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



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



1/4 **03-202**
SATINSKY
Size: 245 mm

Delicate, Nasal and Tonsil Scissors



03-203
1 finely toothed blade
Size: 130 mm

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

03-205
FOMON
blades serrated
Size: 145 mm

03-206
COTTLE
Size: 165 mm

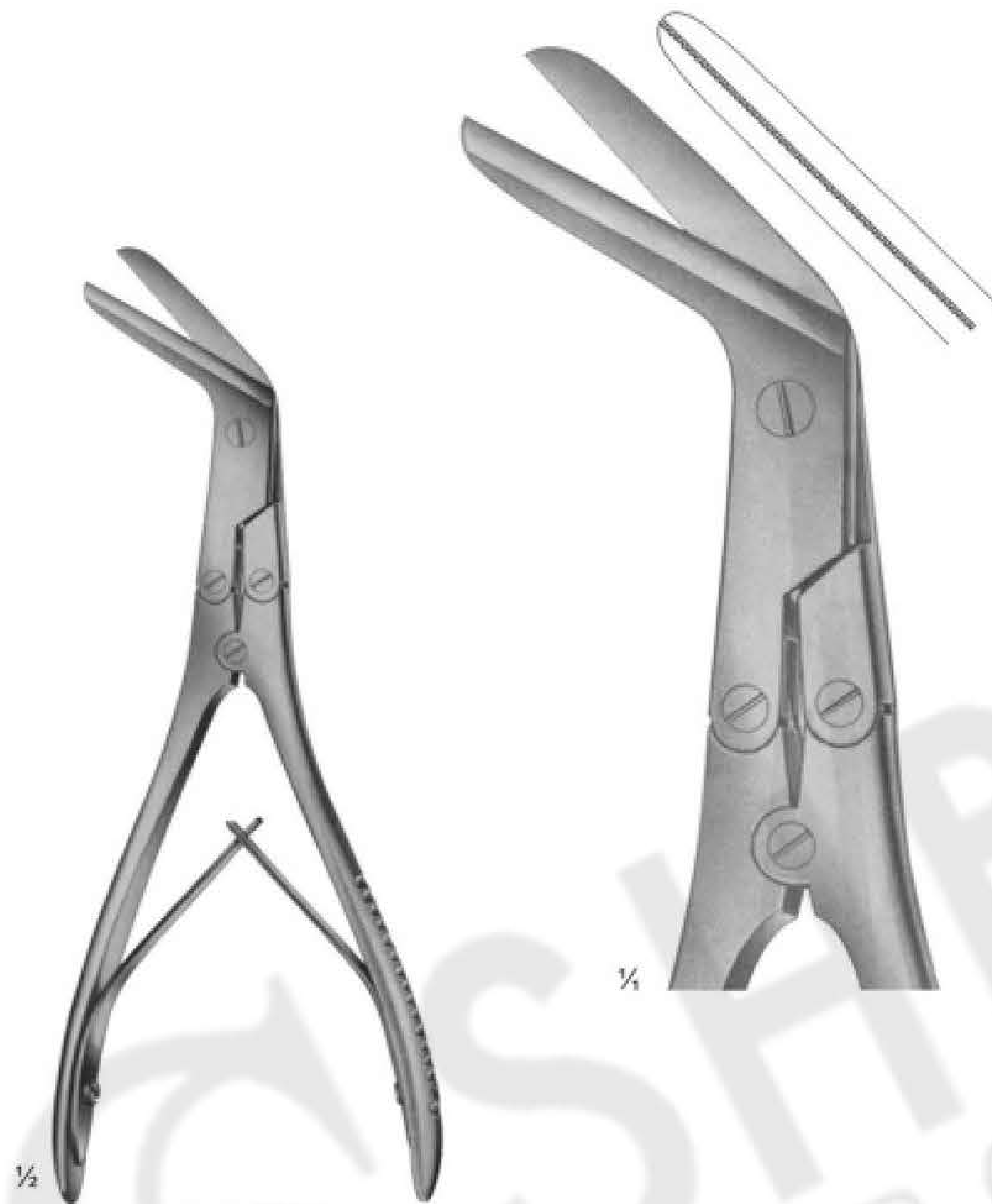


03-207
HEYMANN-KNIGHT
Size: 175 mm

03-208
DEAN
blades serrated
Size: 170 mm

03-209
GOOD
Size: 195 mm

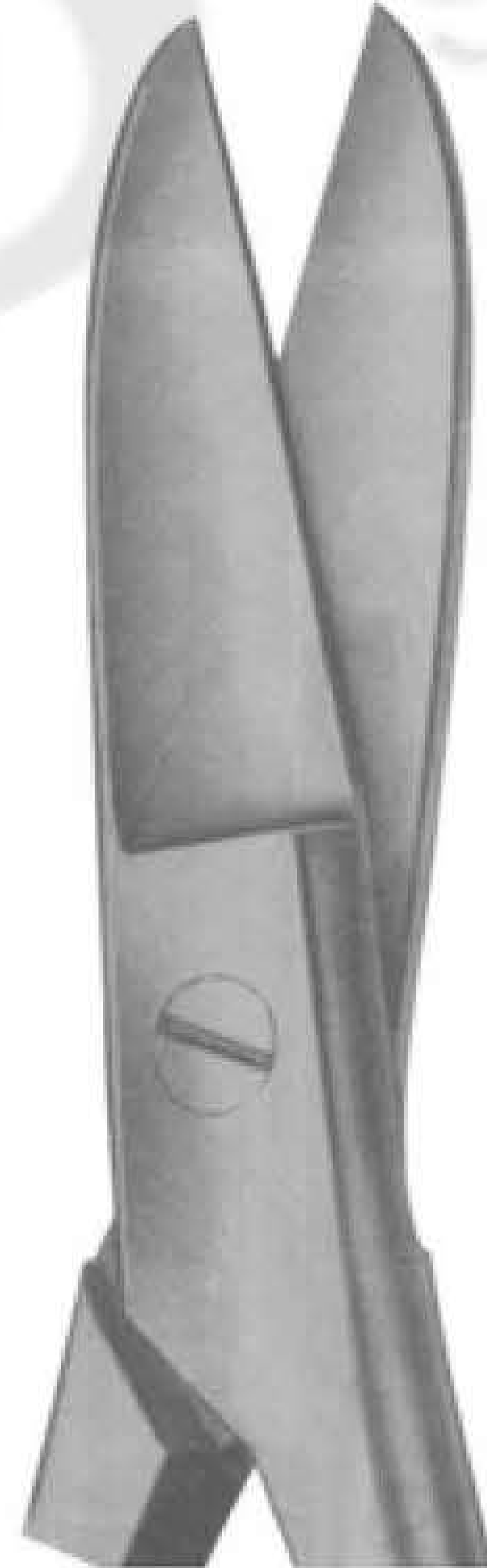
Bone Shears



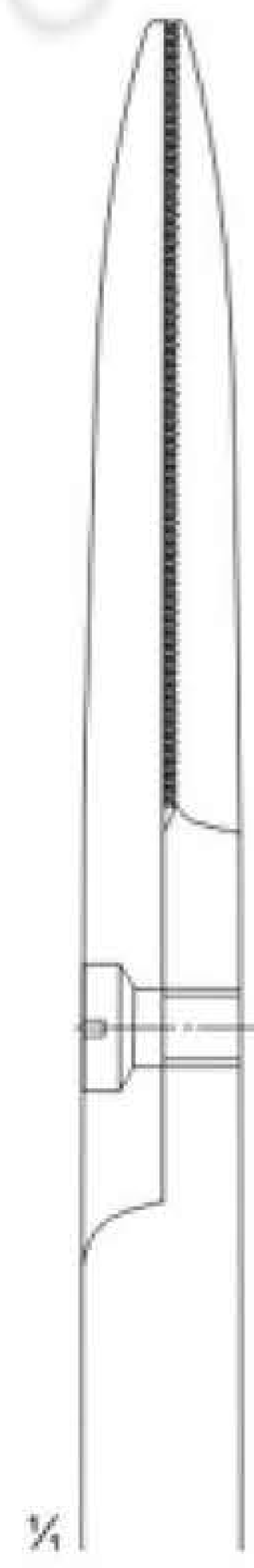
03-210
KILLIAN
Size: 200 mm



03-211 - 03-212



03-211
195 mm



1/4

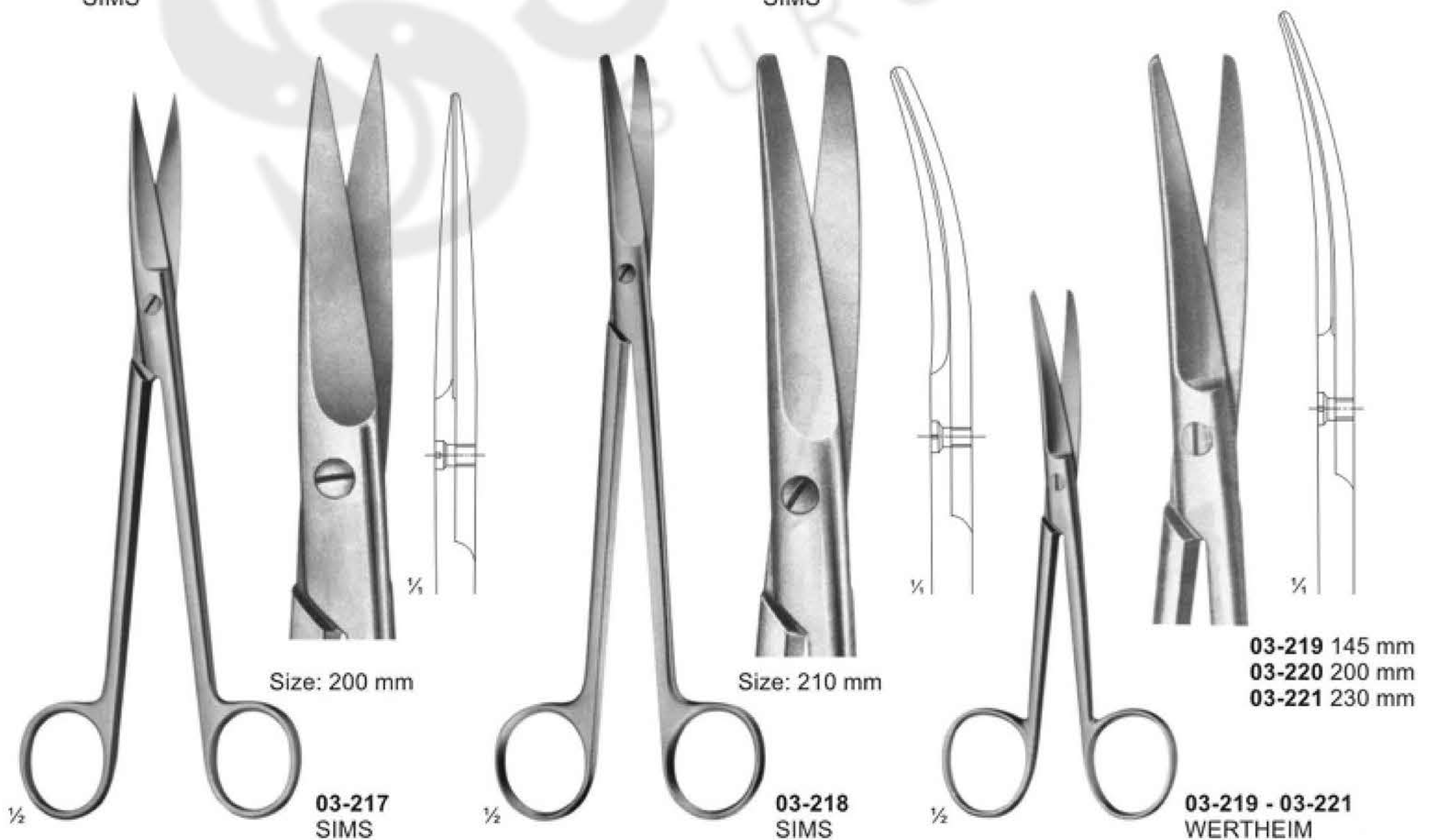
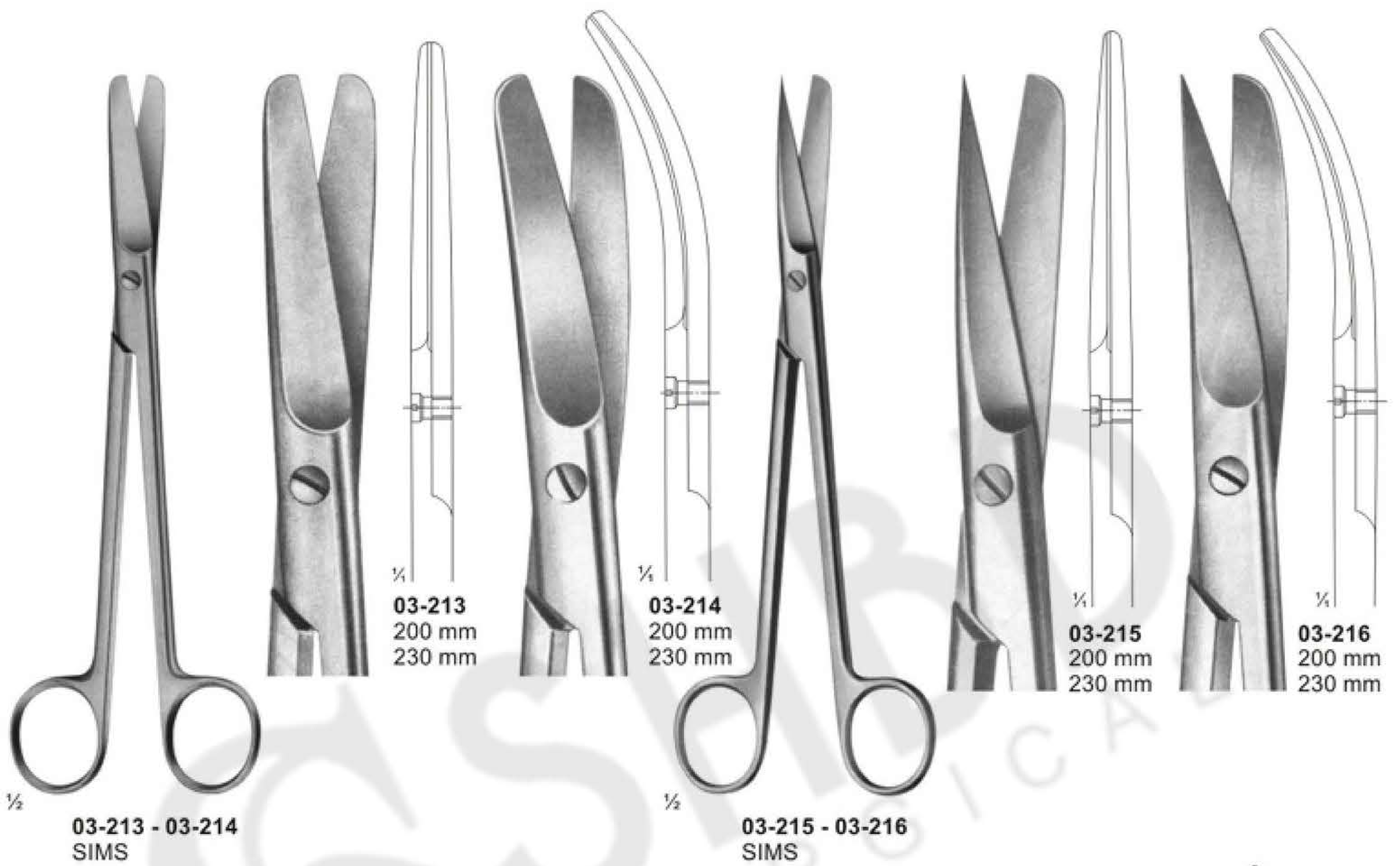


03-212
225 mm



1/4

Scissors for deep operations and for Gynaecology



Scissors for Obstetrics



03-222
SCHUMACHER
 Umbilical cord scissors
 Size: 155 mm

03-223
 Umbilical cord scissors
 Size: 105 mm

03-224
 Umbilical cord scissors

135 mm



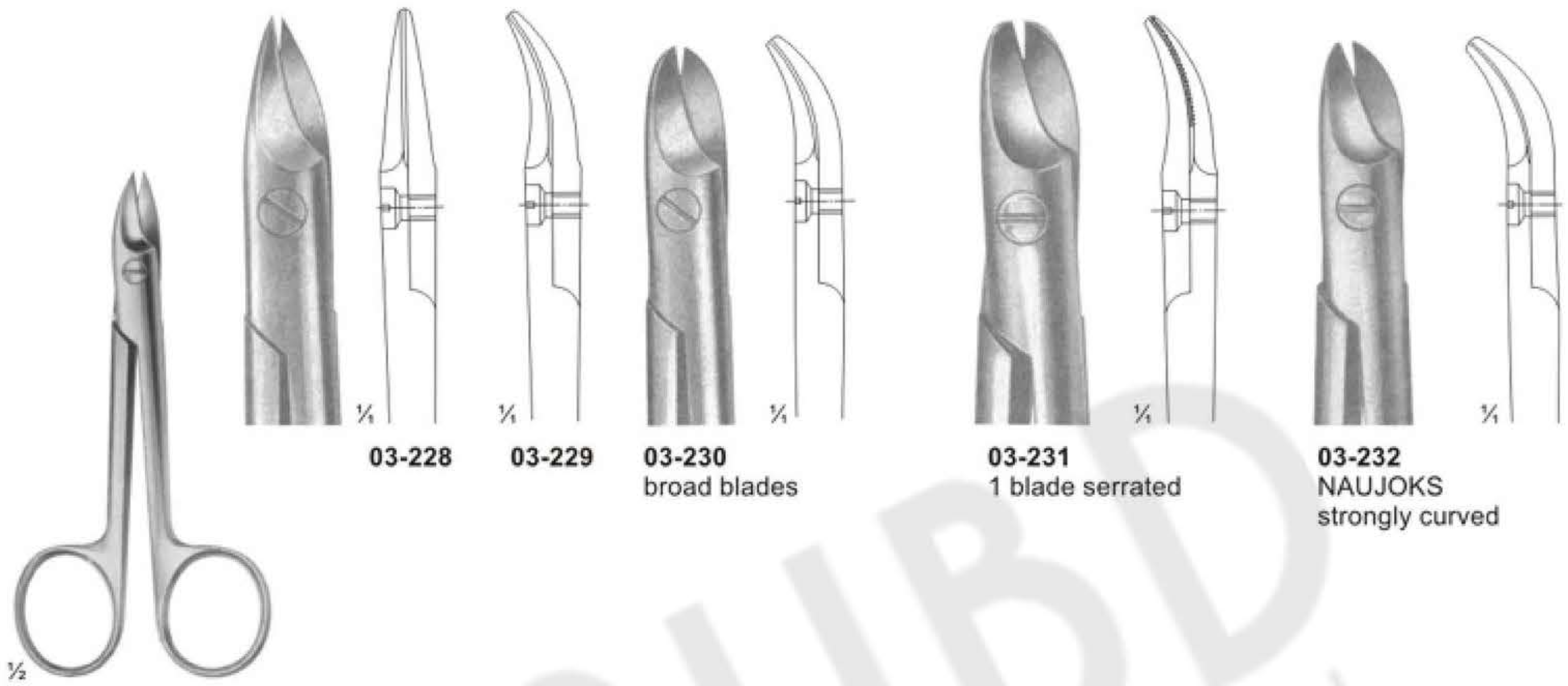
03-225 - 03-226
BRAUN-STADLER
 Episiotomy scissors

03-225
 145 mm

03-226
 200 mm

03-227
 Episiotomy scissors
 240 mm

Wire and Plate Scissors



03-228

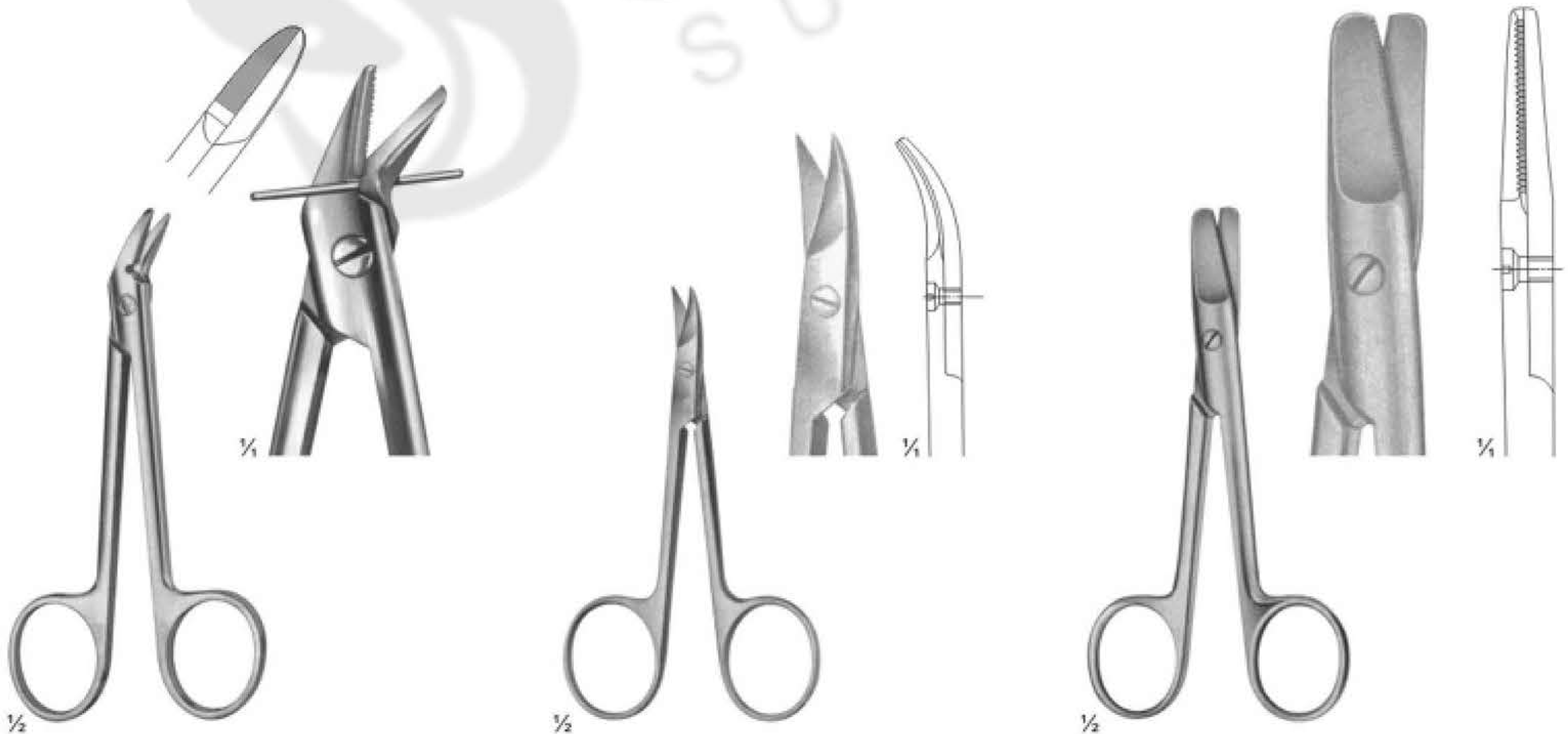
03-229

03-230
broad blades

03-231
1 blade serrated

03-232
NAUJOKS
strongly curved

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



03-233
1 blade serrated
Size: 120 mm

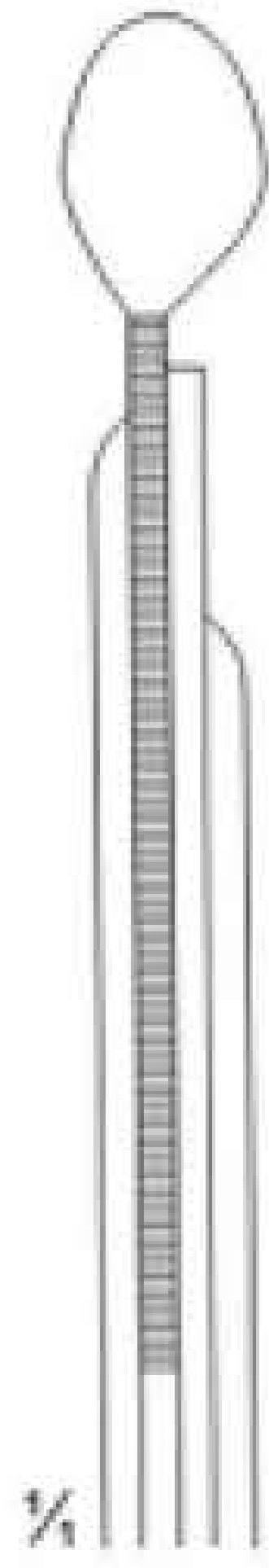
03-234
STRACK
Size: 100 mm

03-235
HARVEY
blades serrated
Size: 125 mm

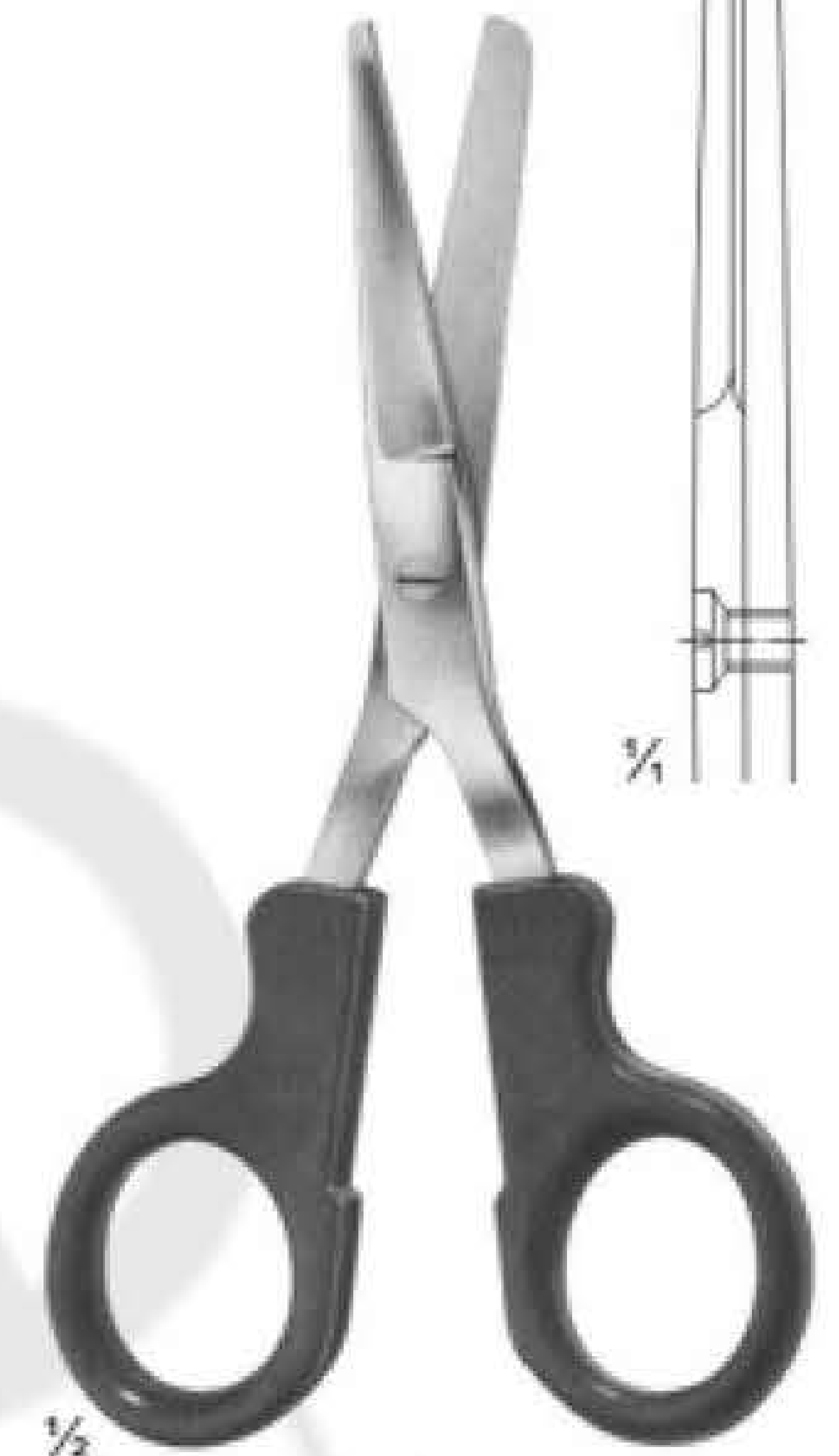
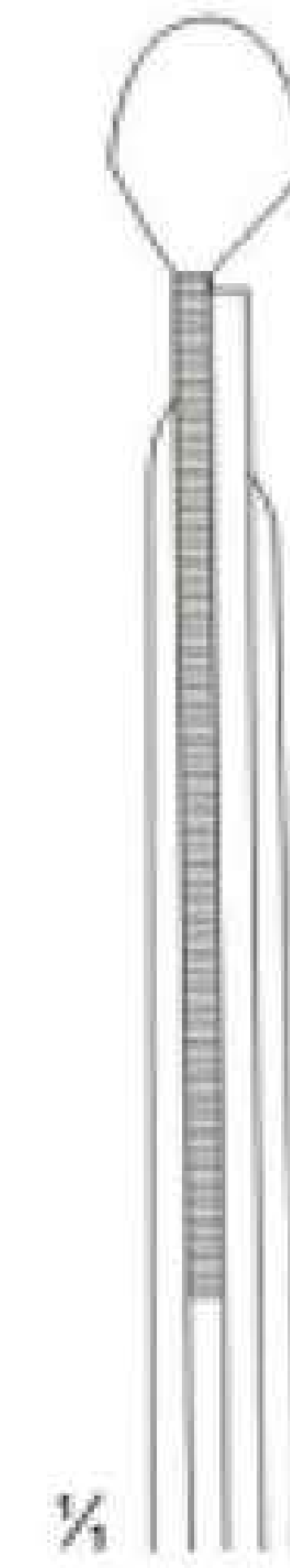
Bandage and Cloth Scissors



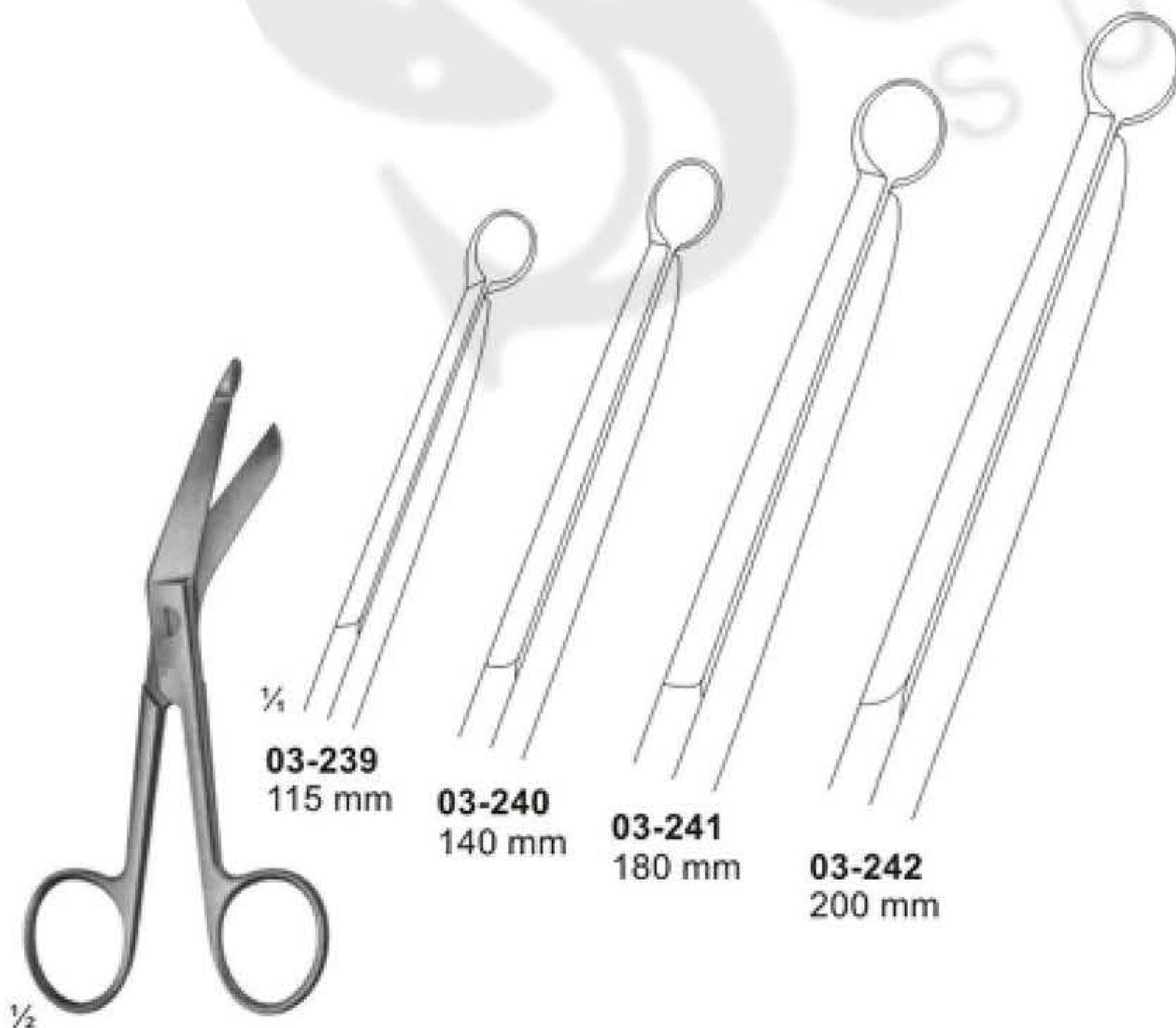
03-236
Universal bandage and cloth scissors,
with toothed edges
180 mm



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



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



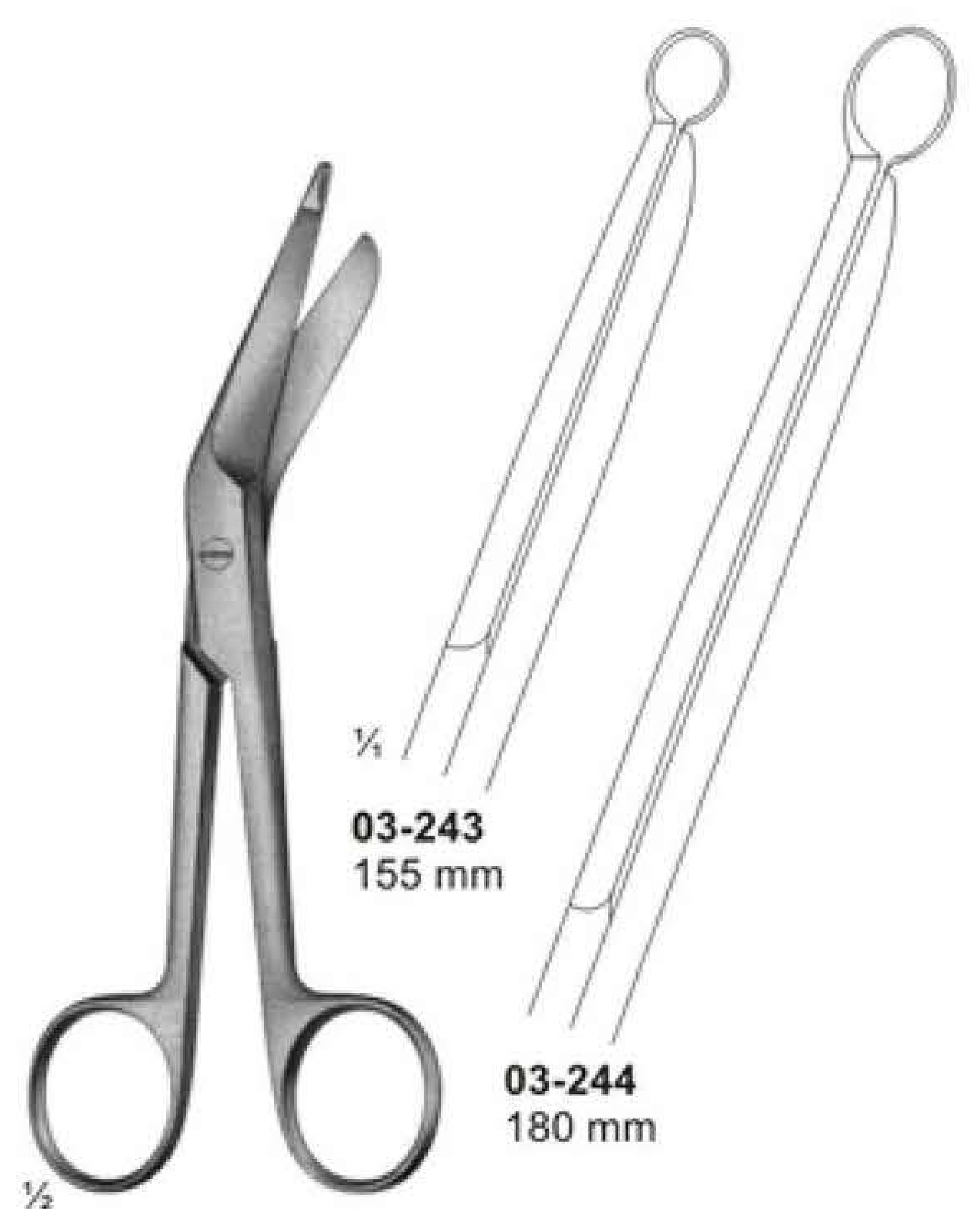
03-239 - 03-242
LISTER

03-239
115 mm

03-240
140 mm

03-241
180 mm

03-242
200 mm

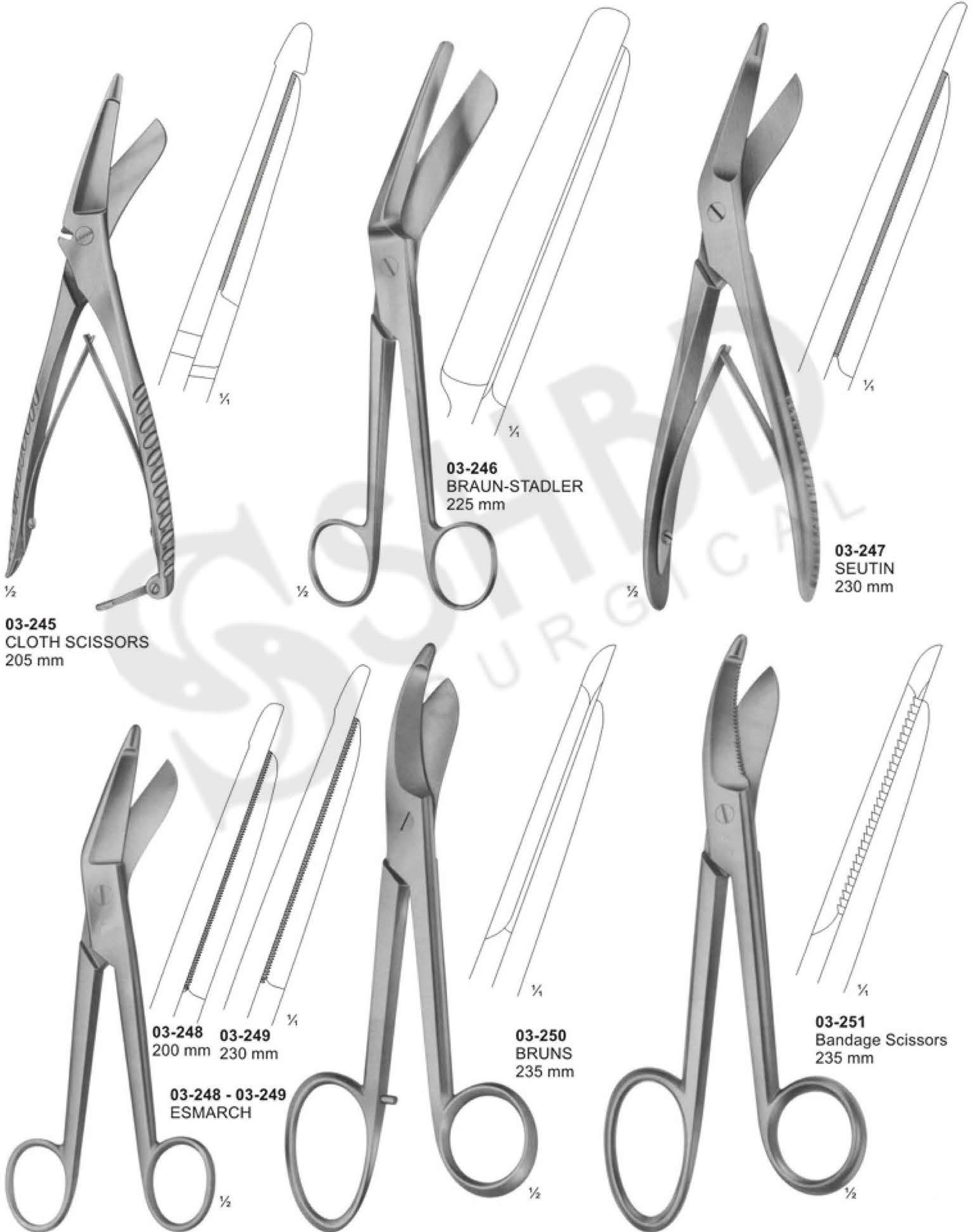


03-243 - 03-244
LISTER

03-243
155 mm

03-244
180 mm

Bandage-, Cloth-, and Plaster Scissors



03-245
CLOTH SCISSORS
205 mm

03-246
BRAUN-STADLER
225 mm

03-247
SEUTIN
230 mm

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

03-248 - 03-249
ESMARCH

03-250
BRUNS
235 mm

03-251
Bandage Scissors
235 mm

Forceps for grasping tissue, tumors etc.



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

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

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

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

04-112
HUNT
Tumor-and
vessel forceps
200 mm

1/2

04-113
HUNT
Tumor-and
vessel forceps
200 mm

1/2

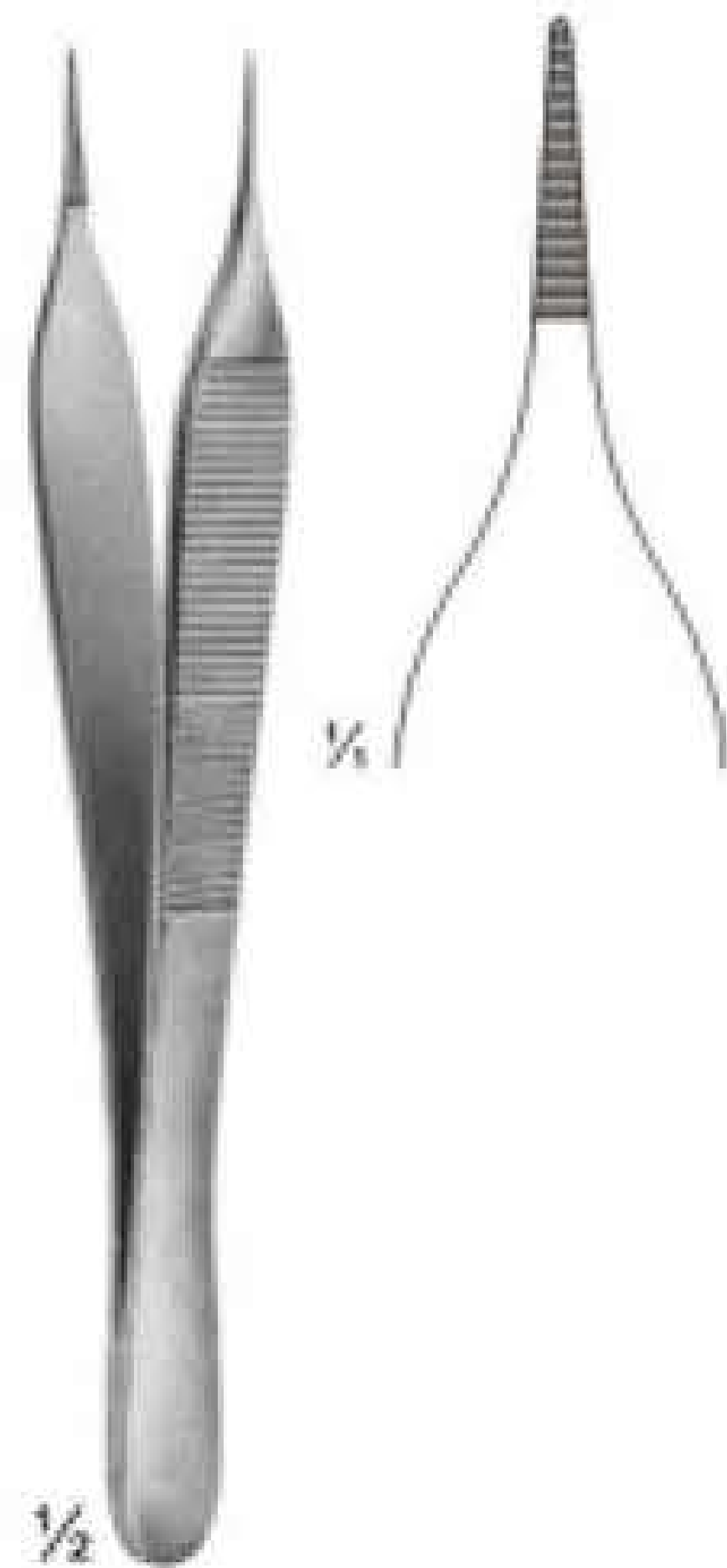
04-114
YASARGIL
Tumor-and
vessel forceps
200 mm

1/2

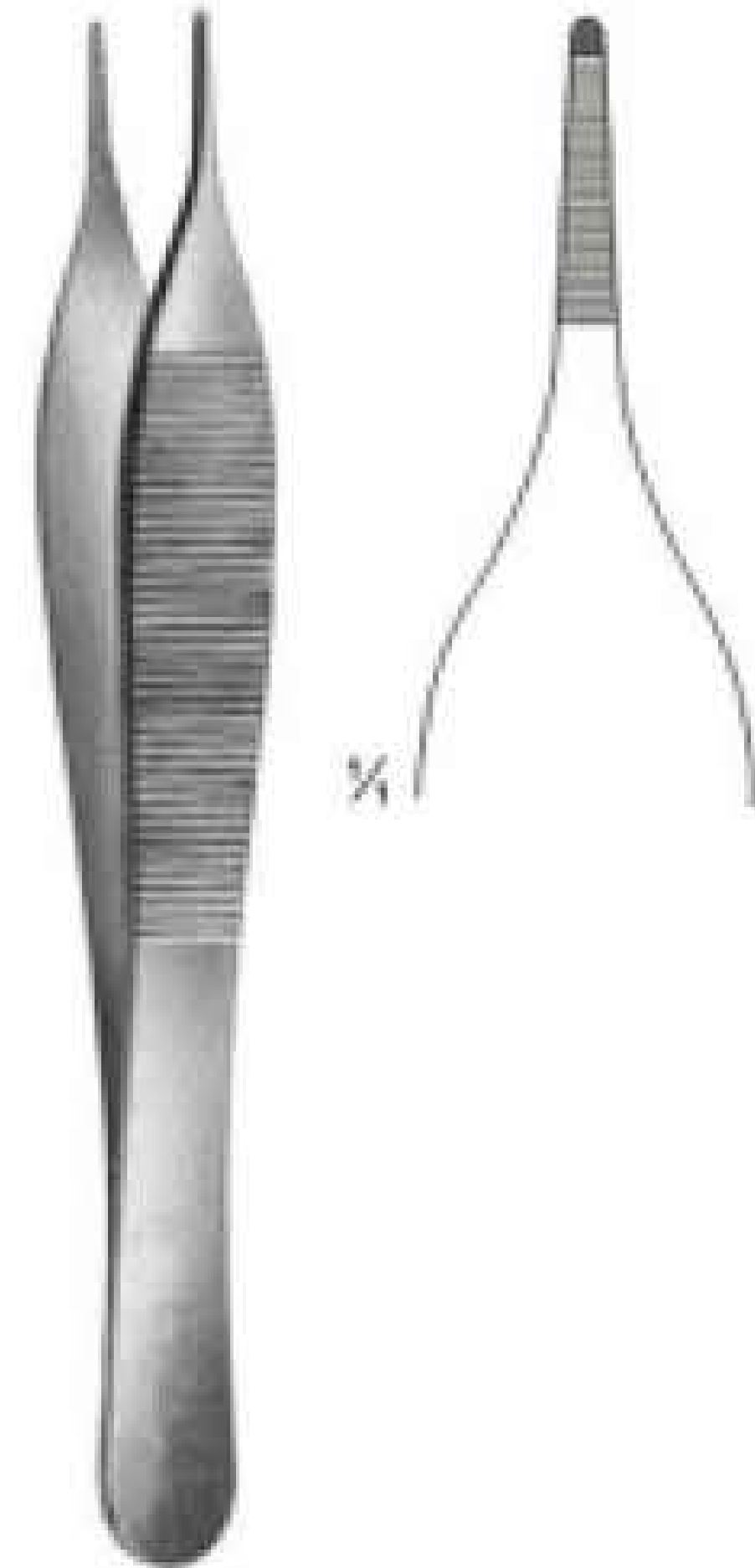
Delicate Dissecting, Microscopic, Sterilizing Forceps



04-115
THORPE
Corneal forceps
120 mm



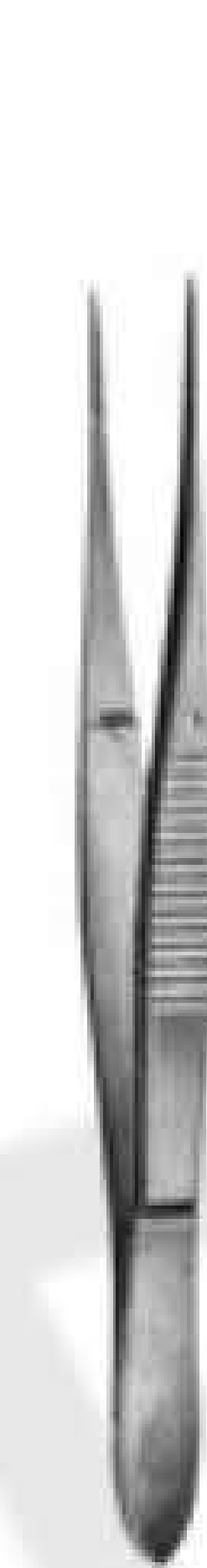
04-116
MICRO-ADSON
120 mm



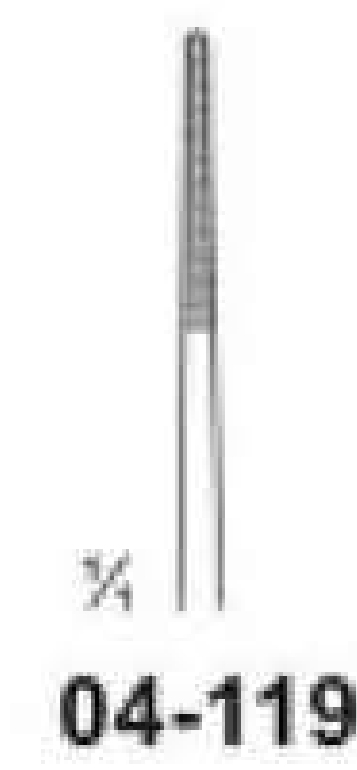
04-117
ADSON
120 mm



04-118
MICRO-ADSON
150 mm



04-119 - 121
100 mm



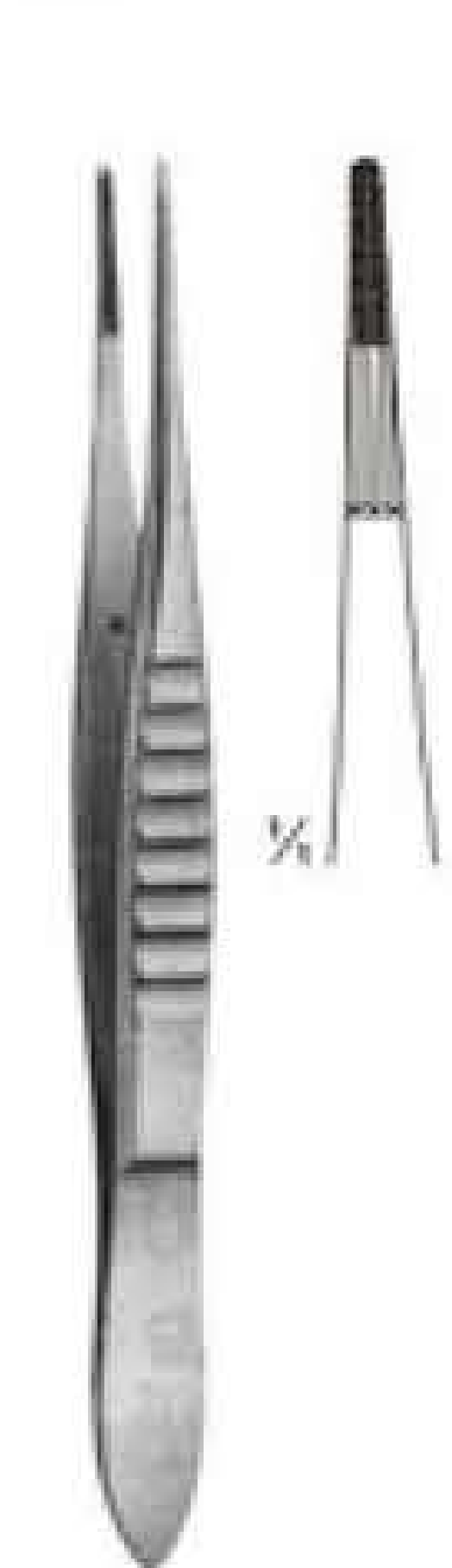
04-119



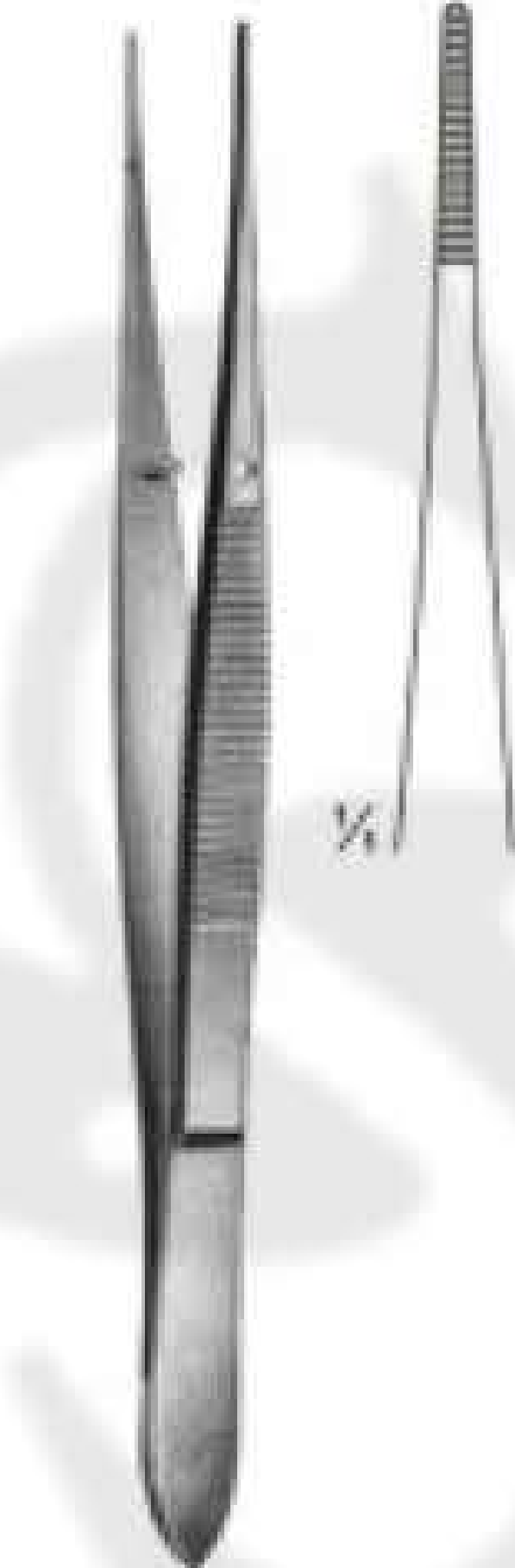
04-120



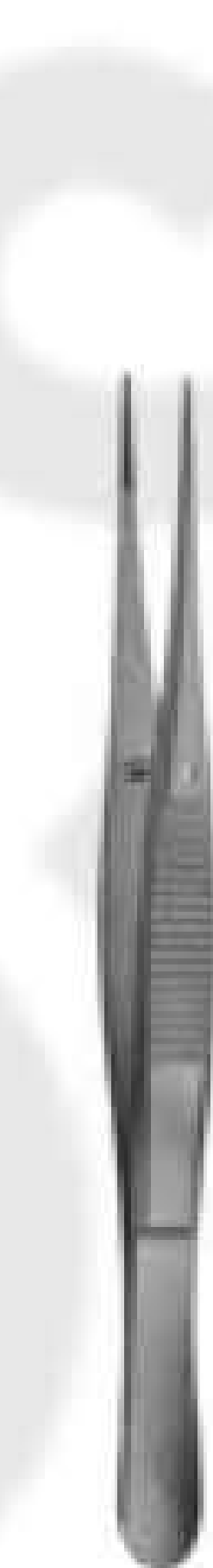
04-121



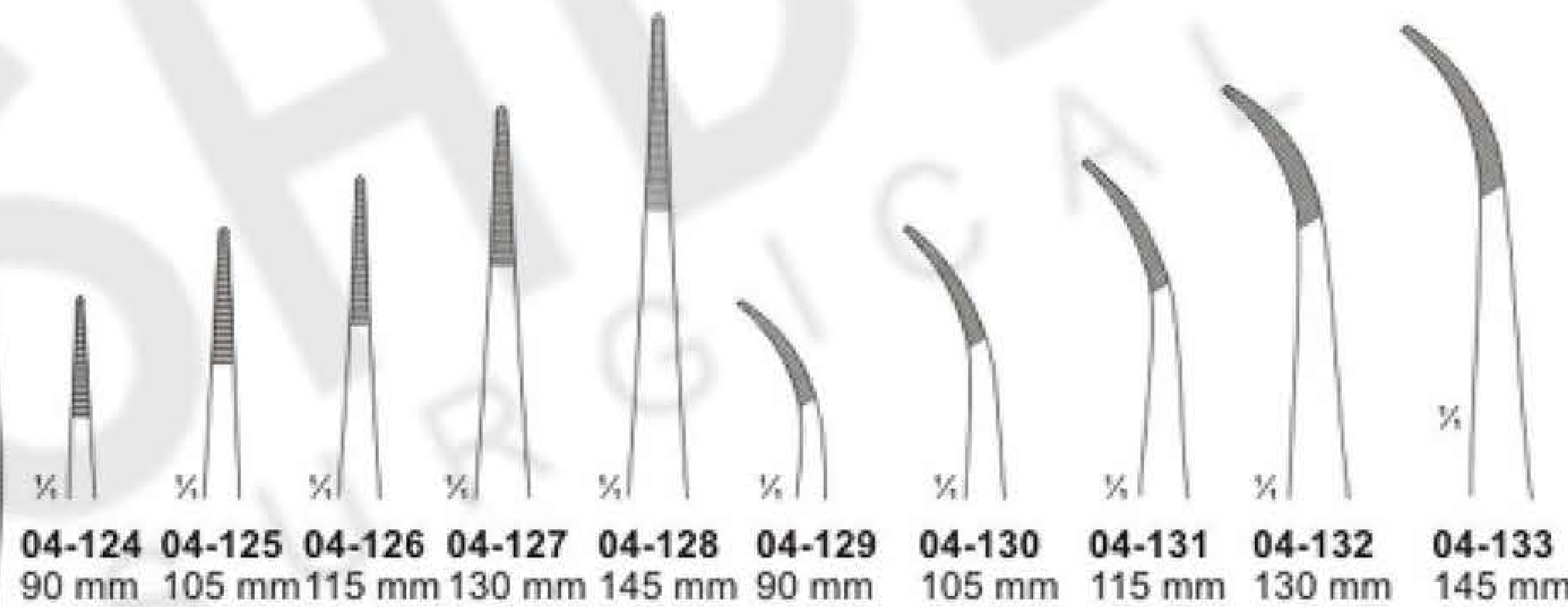
04-122
BONACCOLTO
110 mm



04-123
115 mm



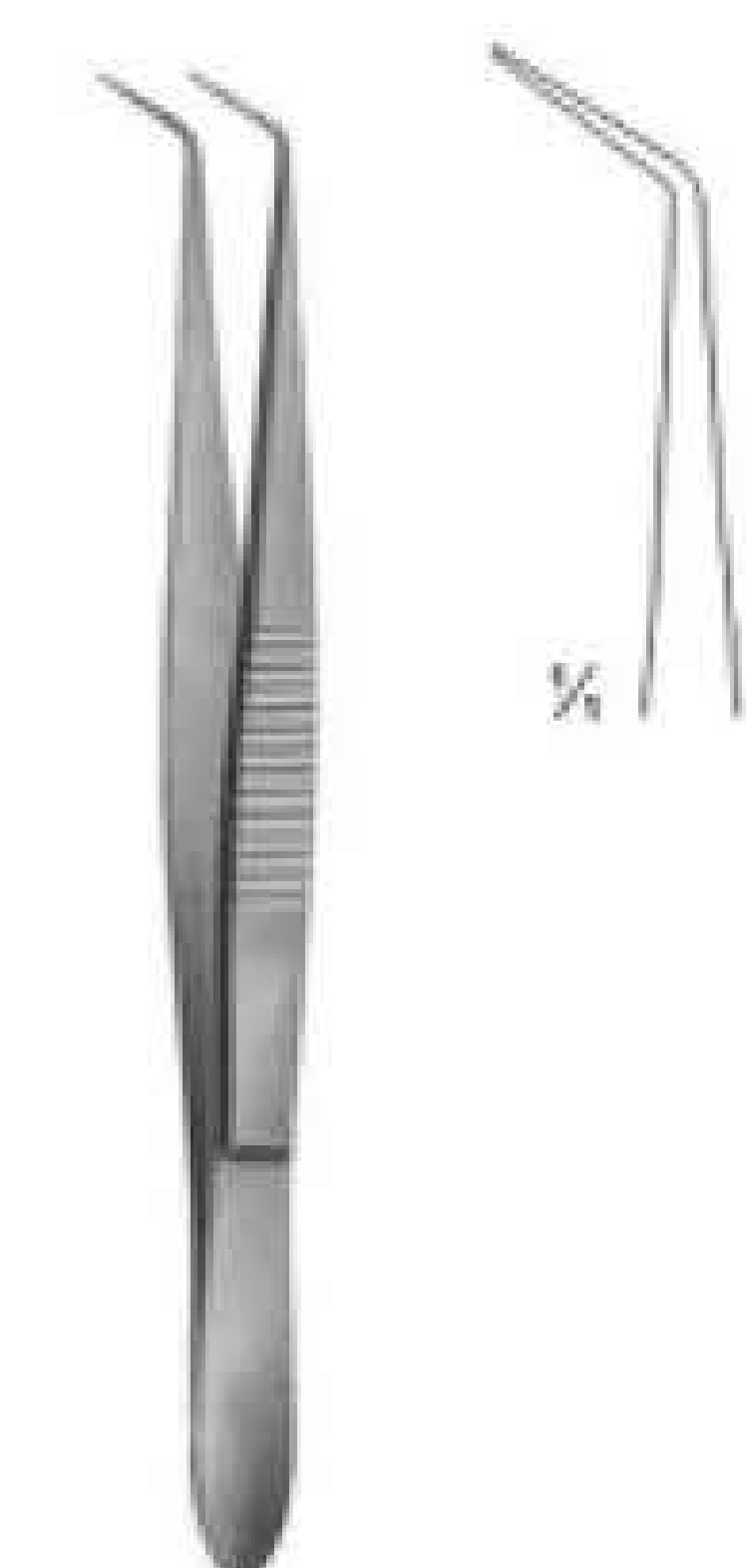
04-124 - 133



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



04-134
100 mm



04-135
100 mm



04-136
100 mm

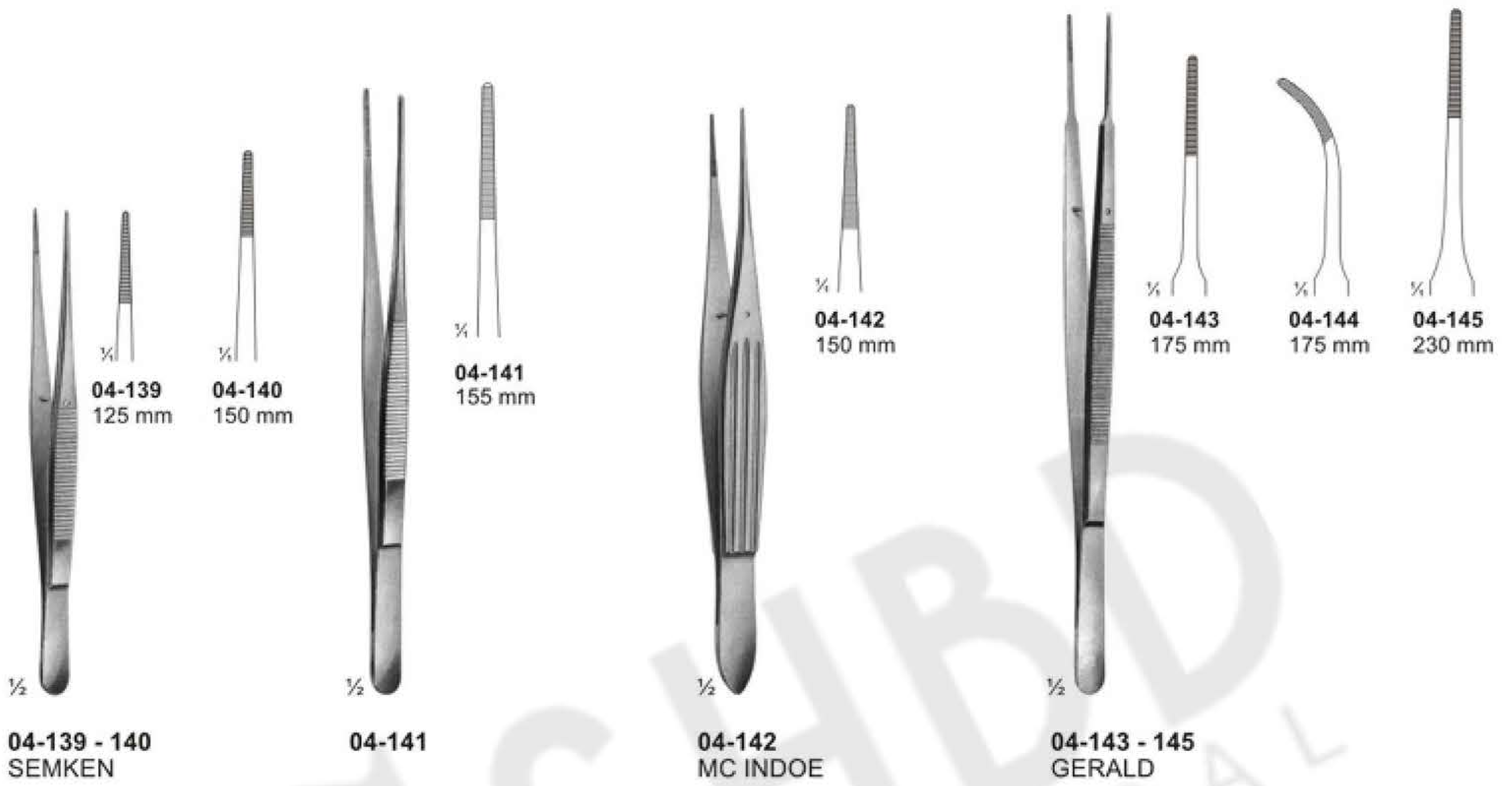


04-137
KUHNE
Cover glass forceps, 105 mm

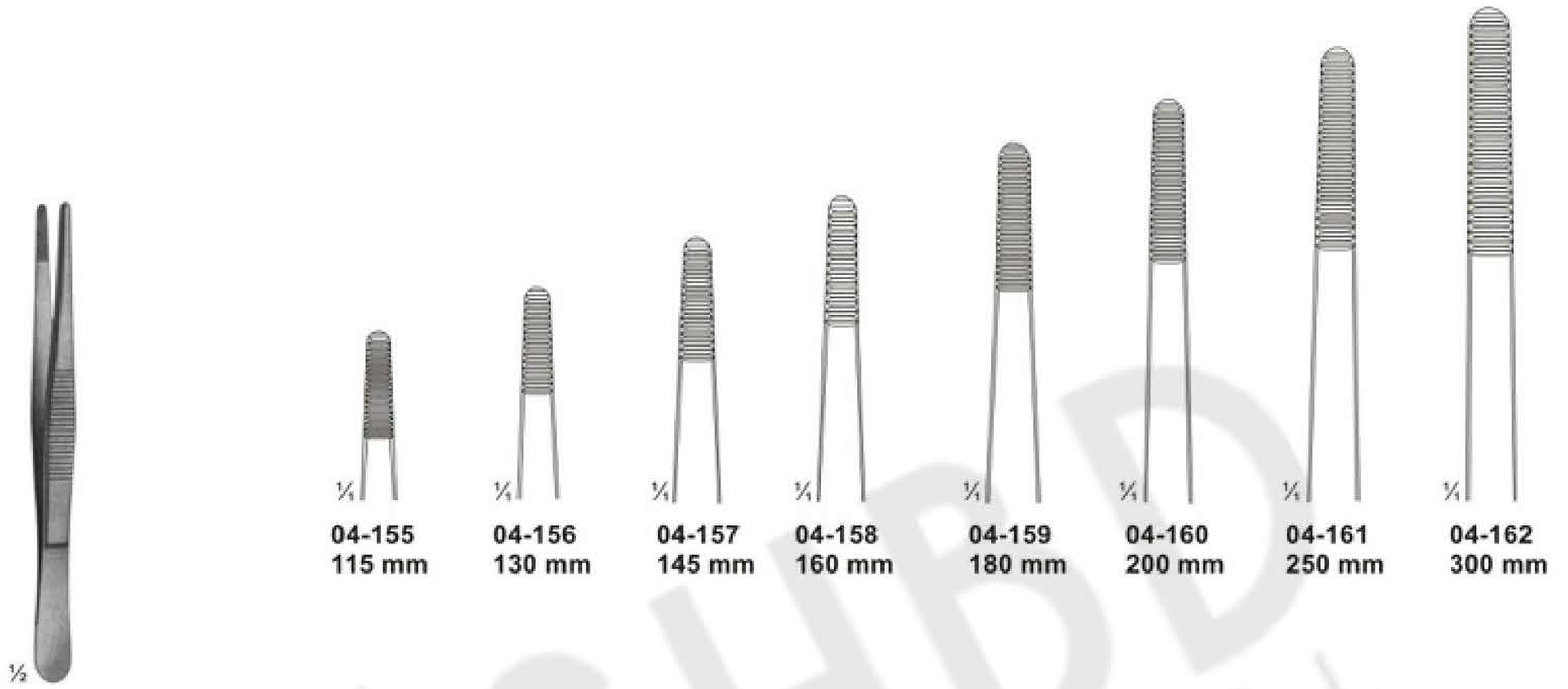


04-138
160 mm

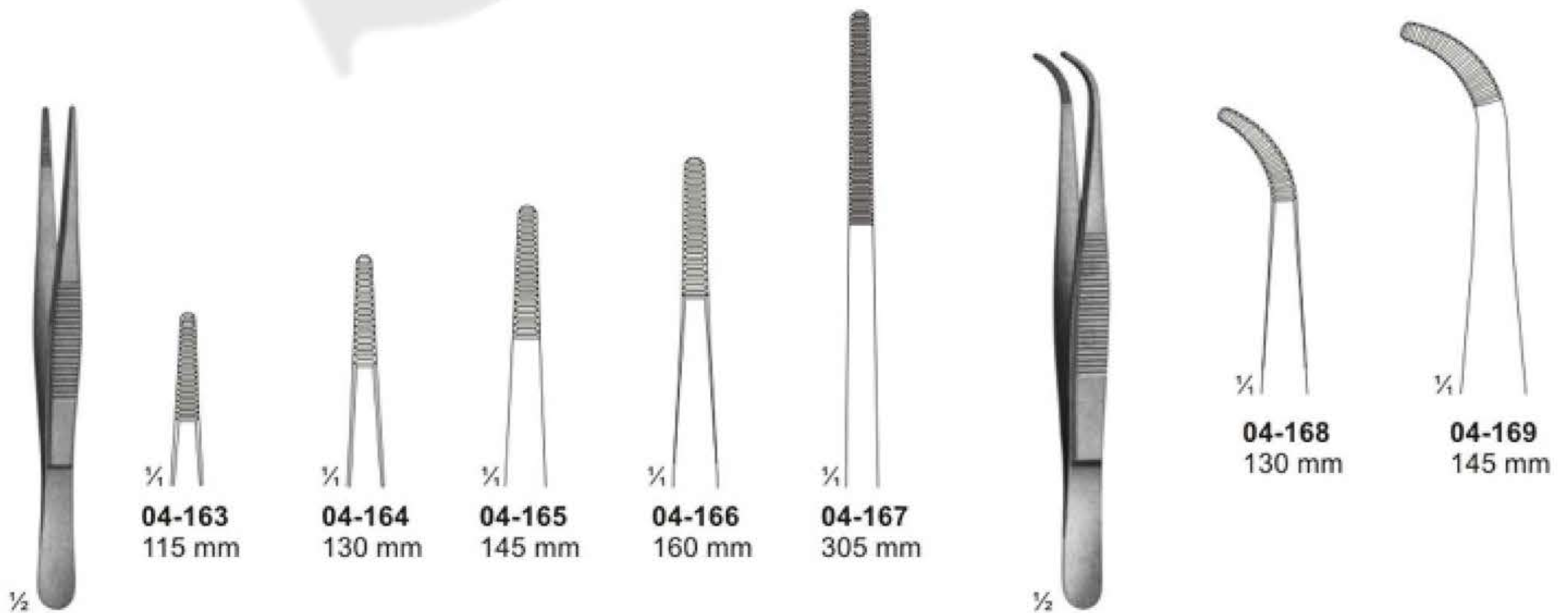
Delicate Dissecting Forceps



Dissecting Forceps



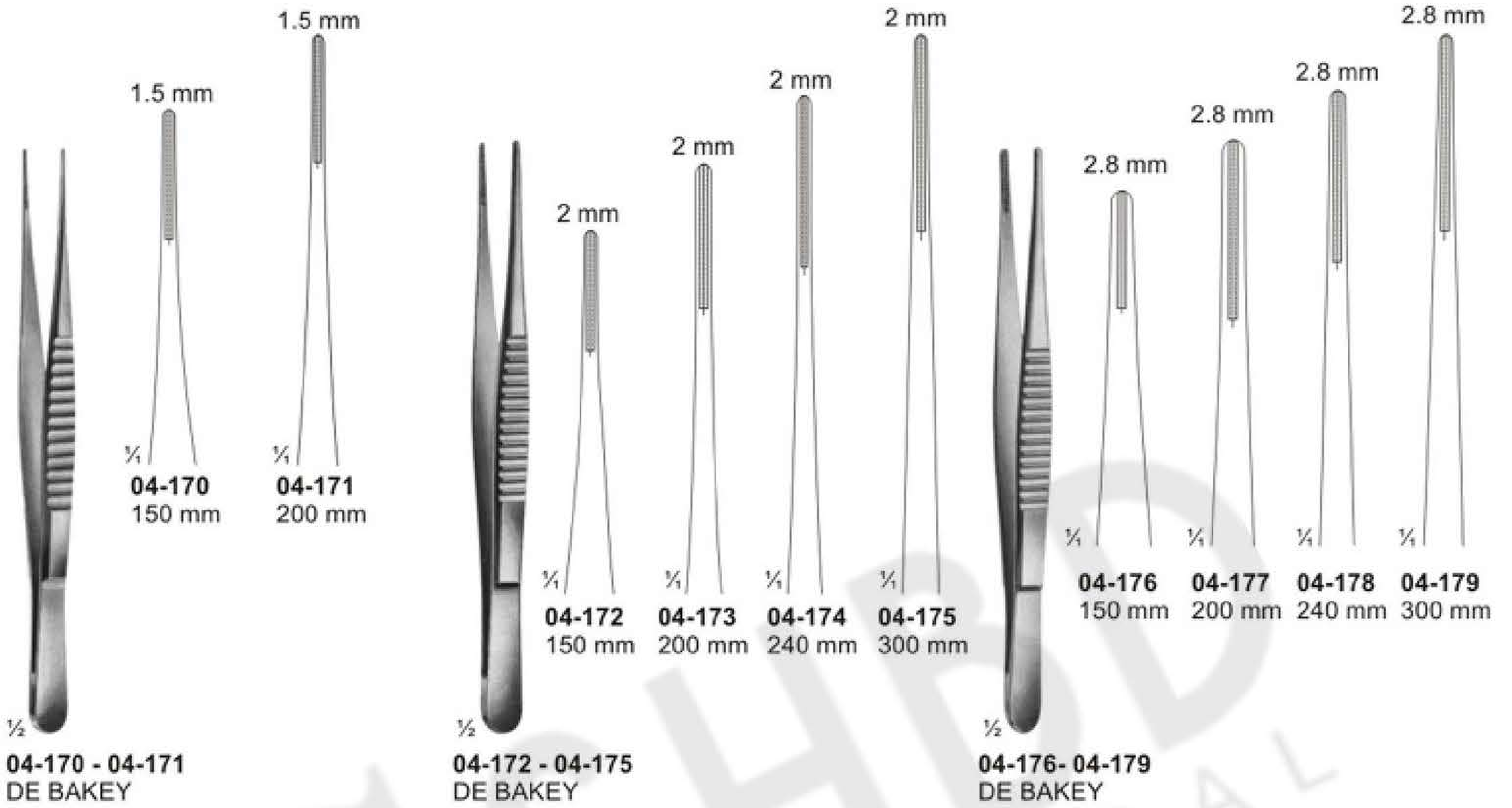
04-155 - 04-162
STANDARD



04-163 - 04-167
MEDIUM

04-168 - 04-169
MEDIUM

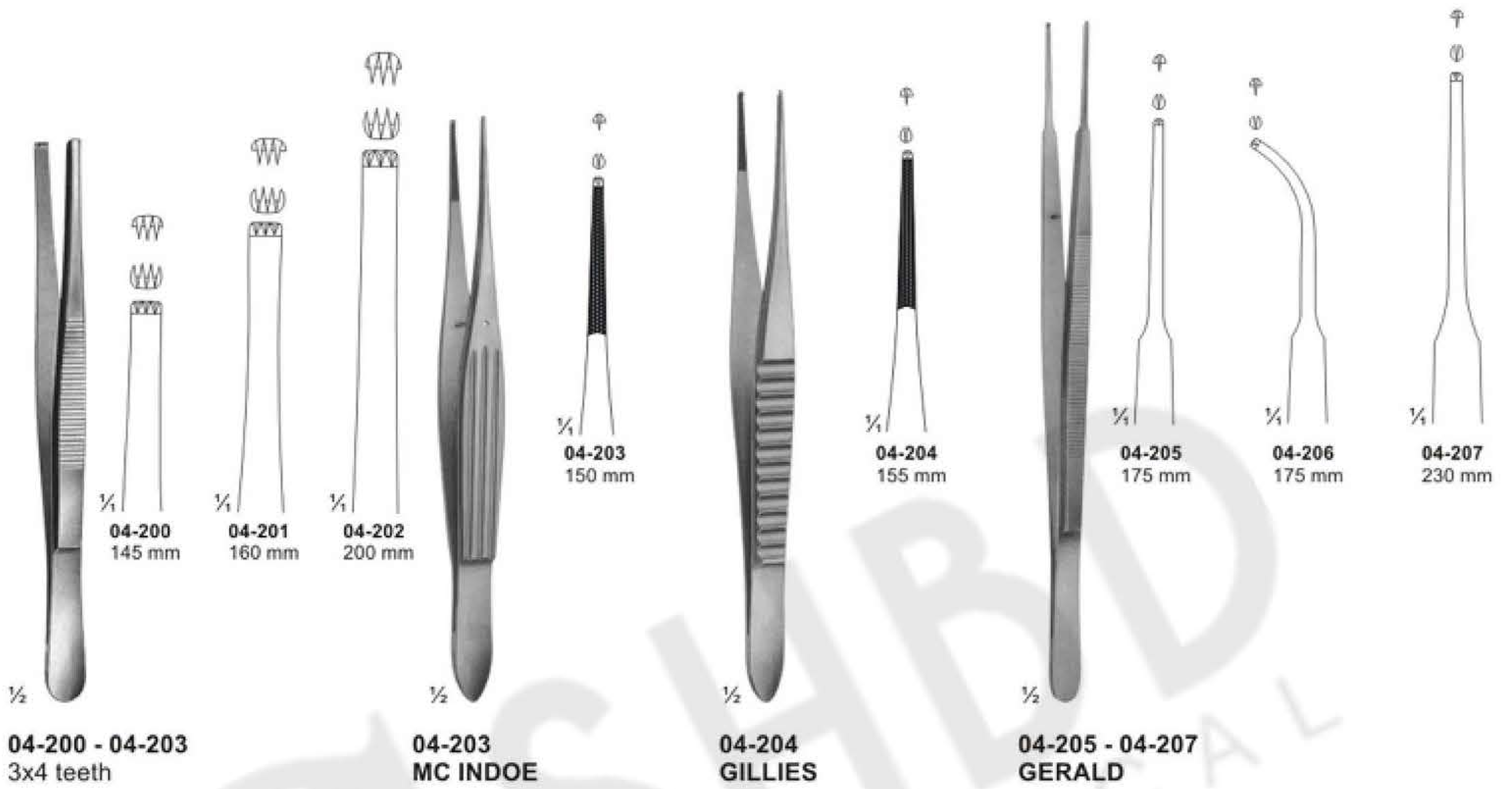
Forceps



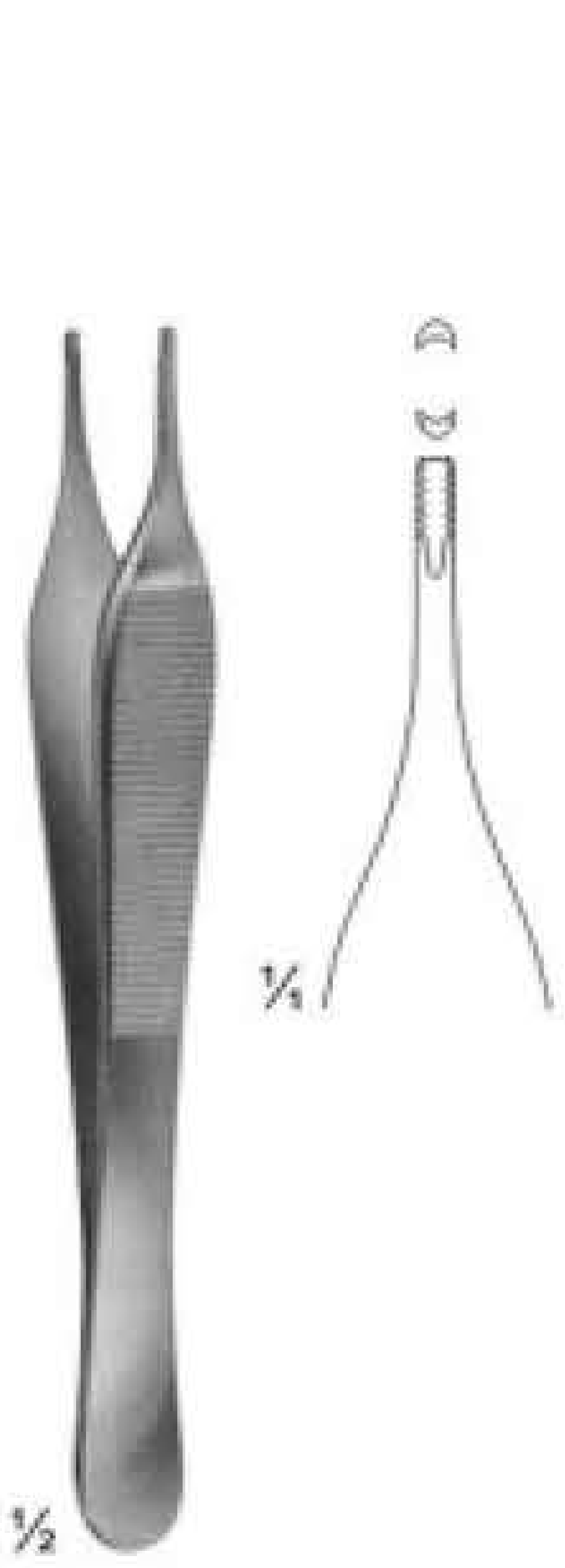
Delicate Tissue Forceps

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

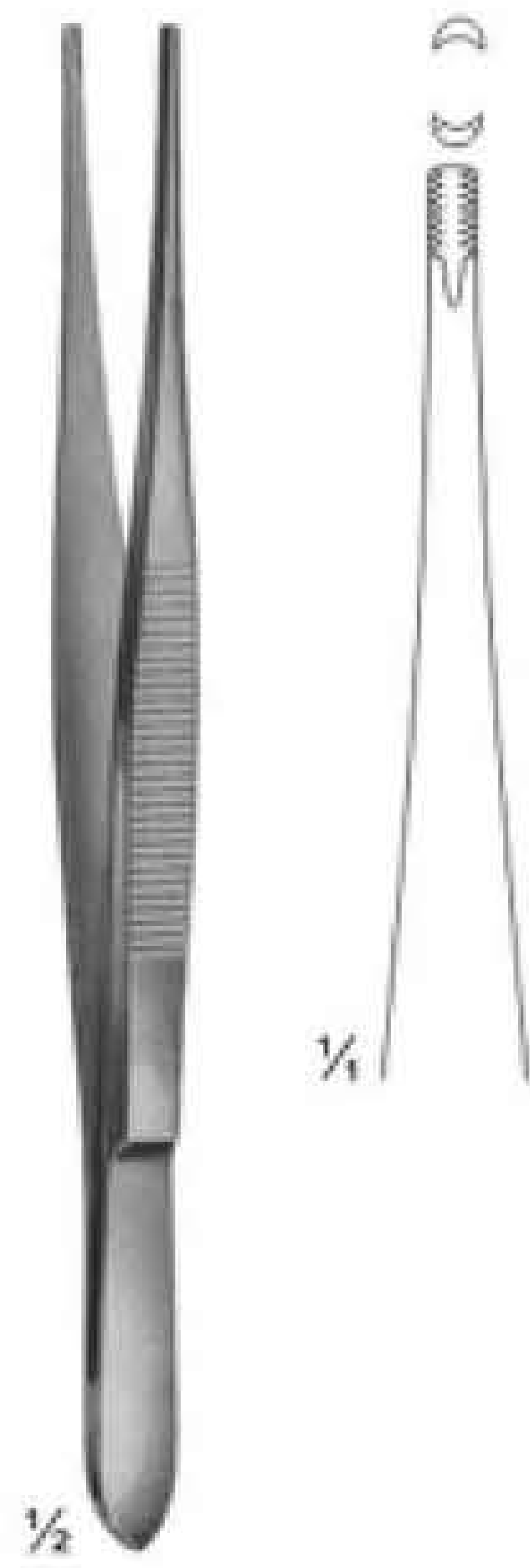
Tissue Forceps



Tissue Forceps



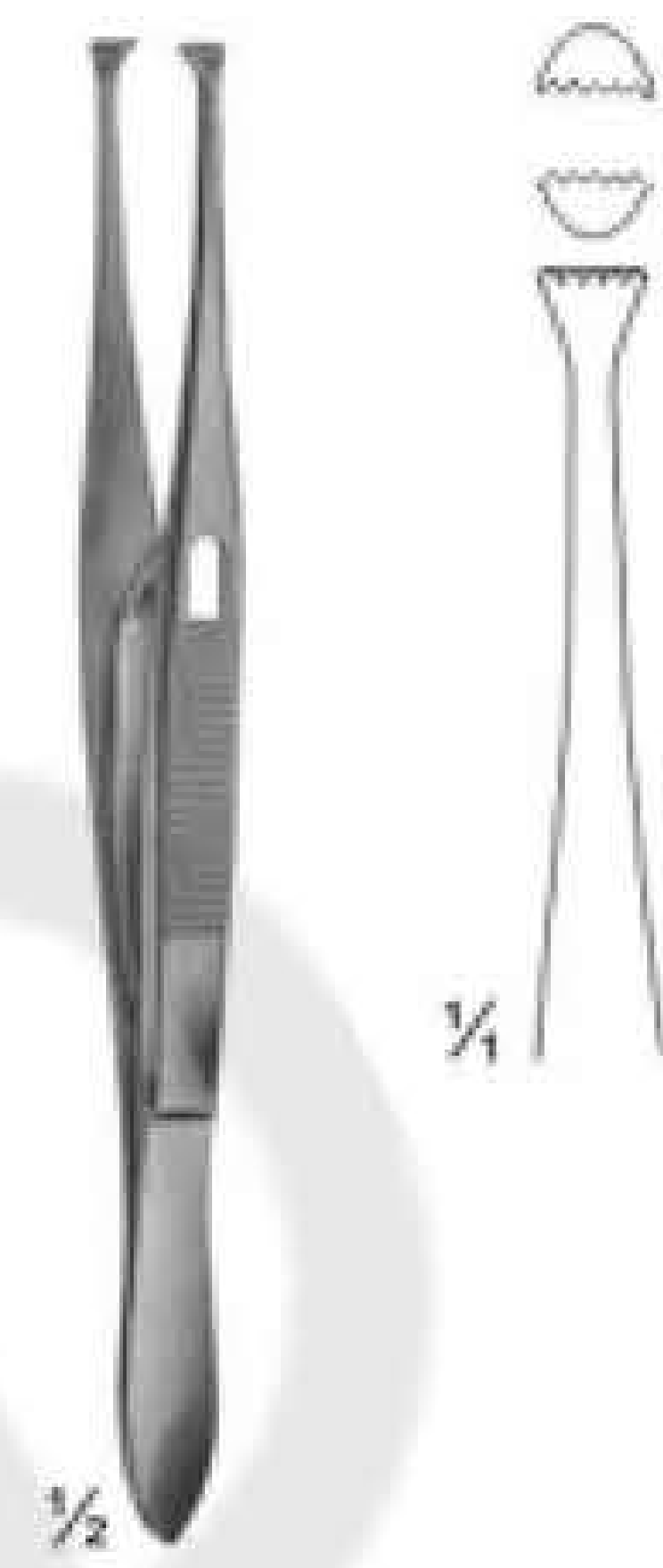
**04-213
ADSON - BROWN
Non-traumatic
120 mm**



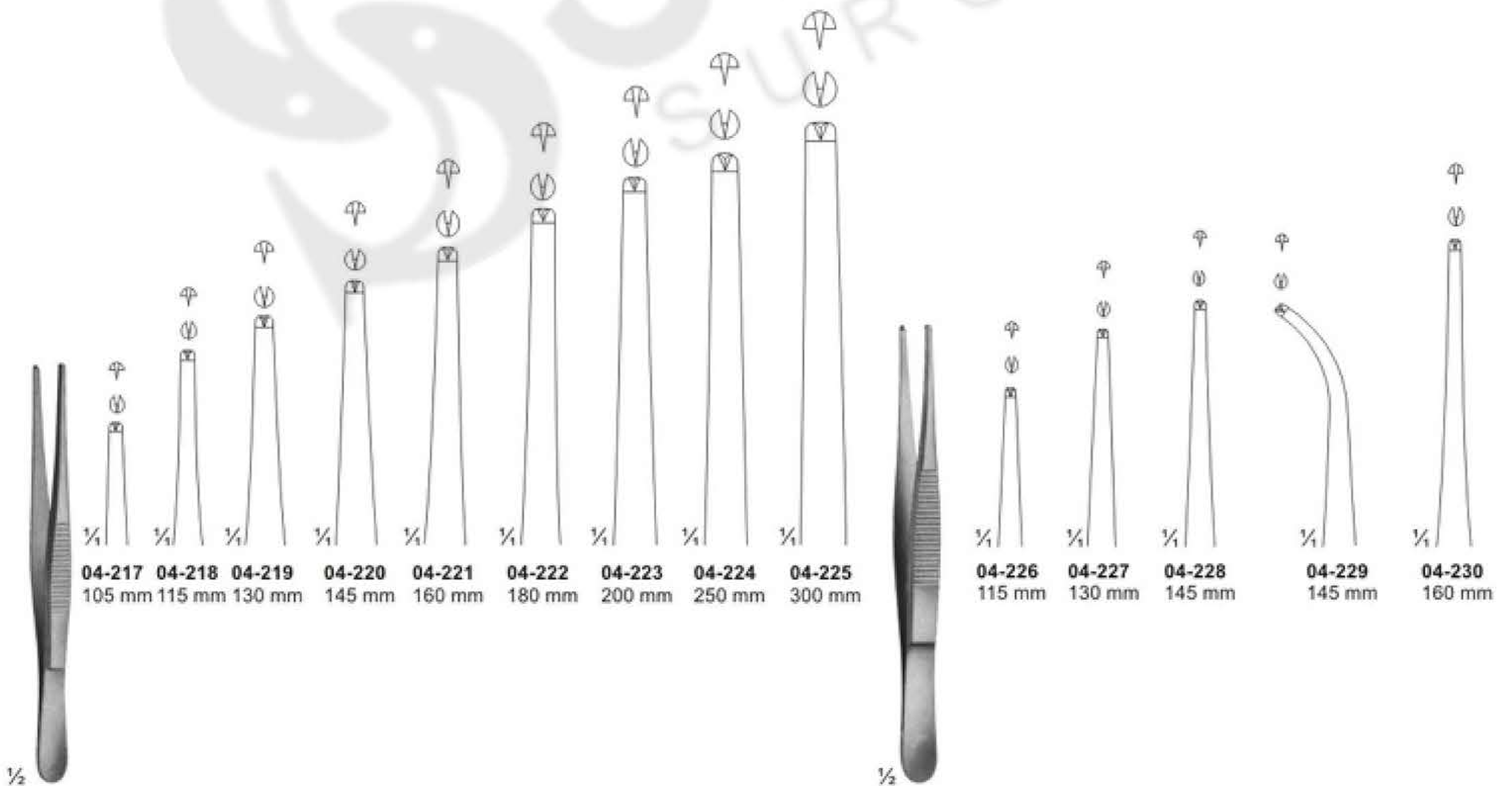
**04-214
BROWN
120 mm**



**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

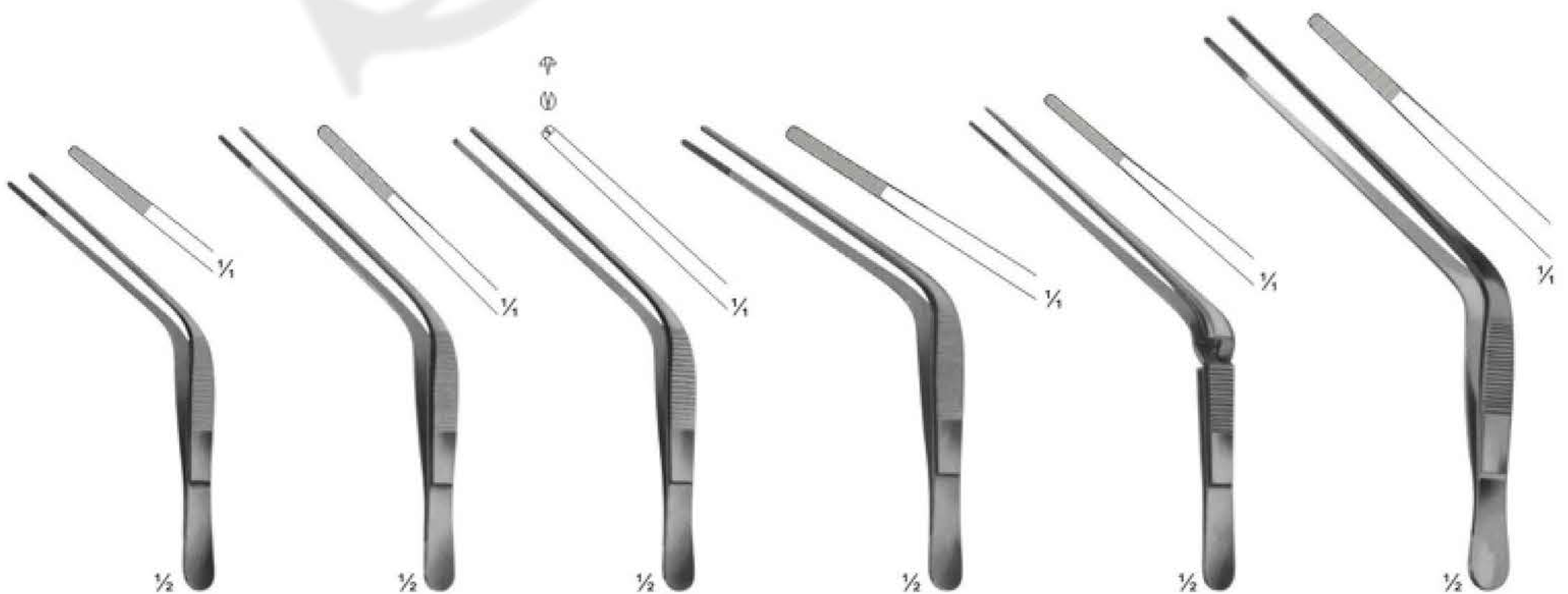
04-232
LUCAE
1x2 teeth
140 mm

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

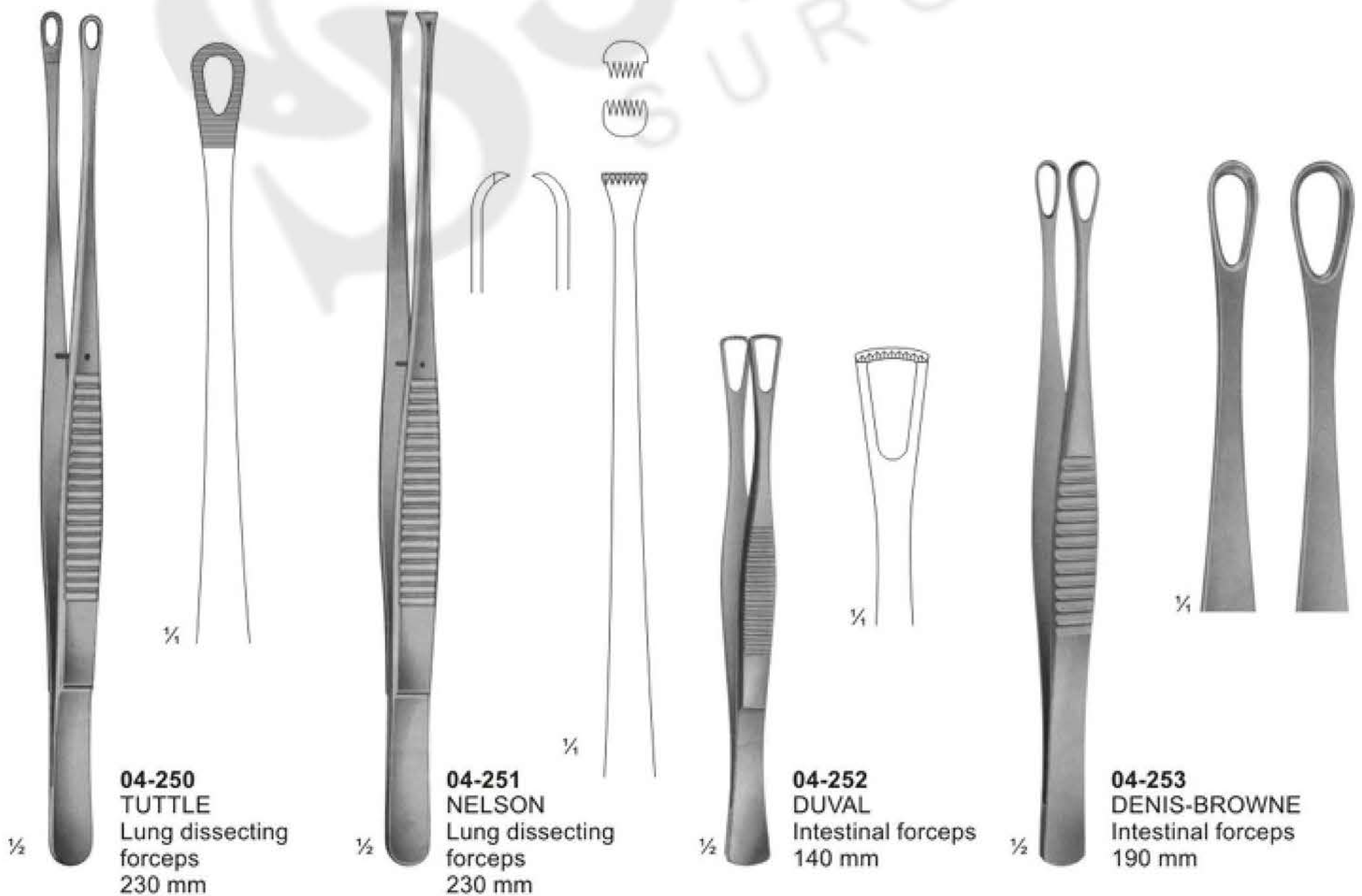
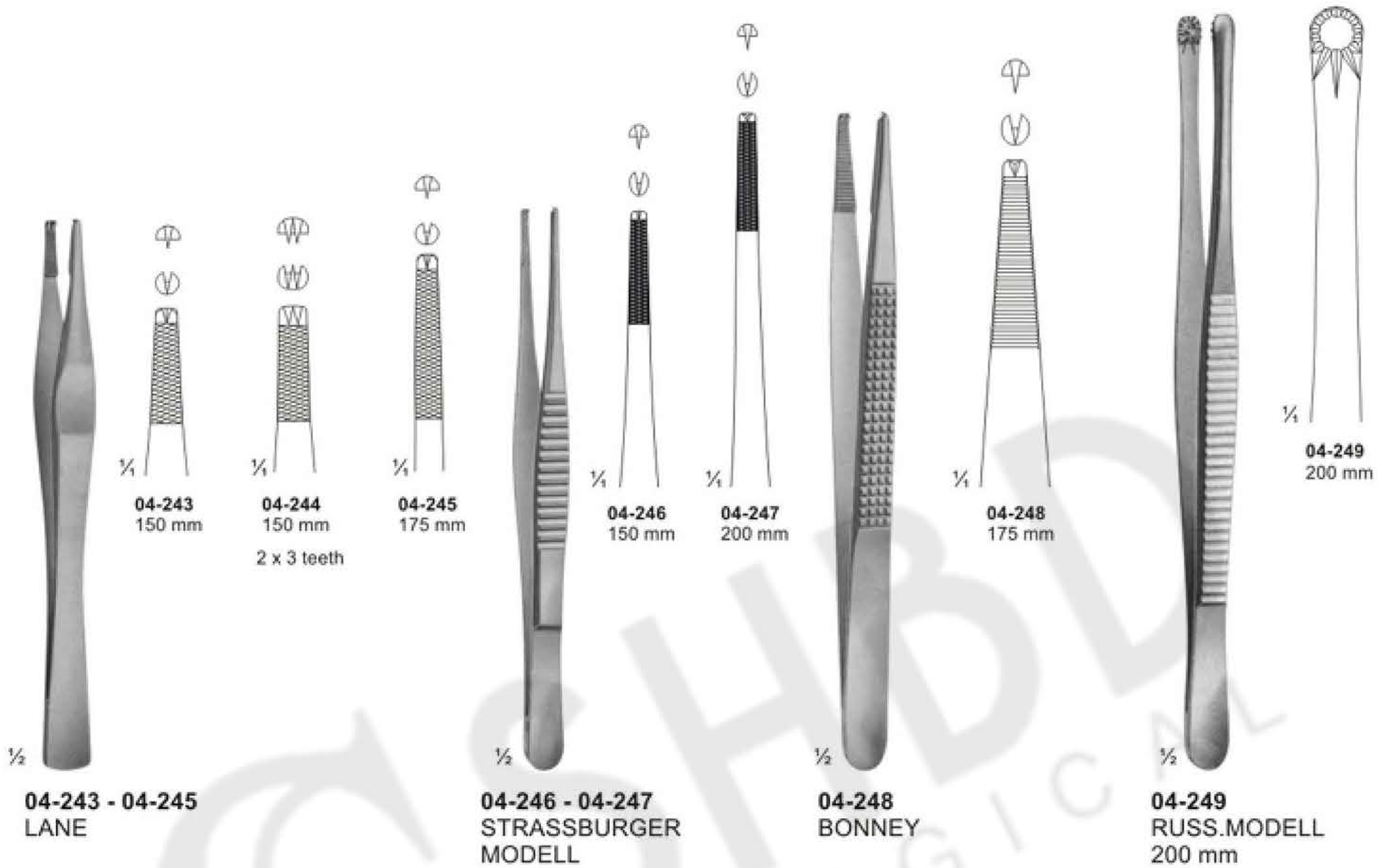
04-239
TROELTSCH
1X2 teeth
115 mm

04-240
WILDE
115 mm

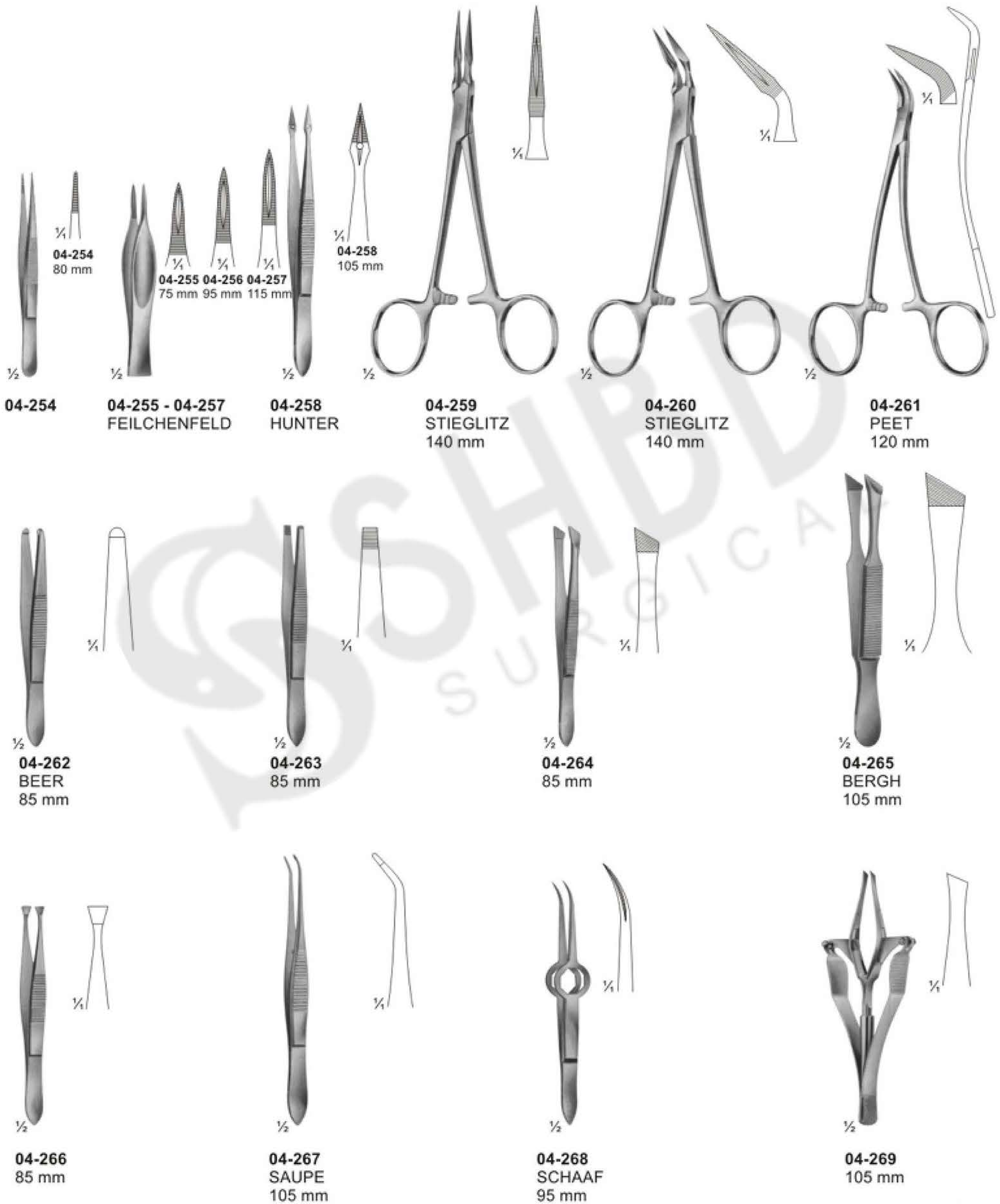
04-241
TROELTSCH
Cross action
120 mm

04-242
TROELTSCH
140 mm

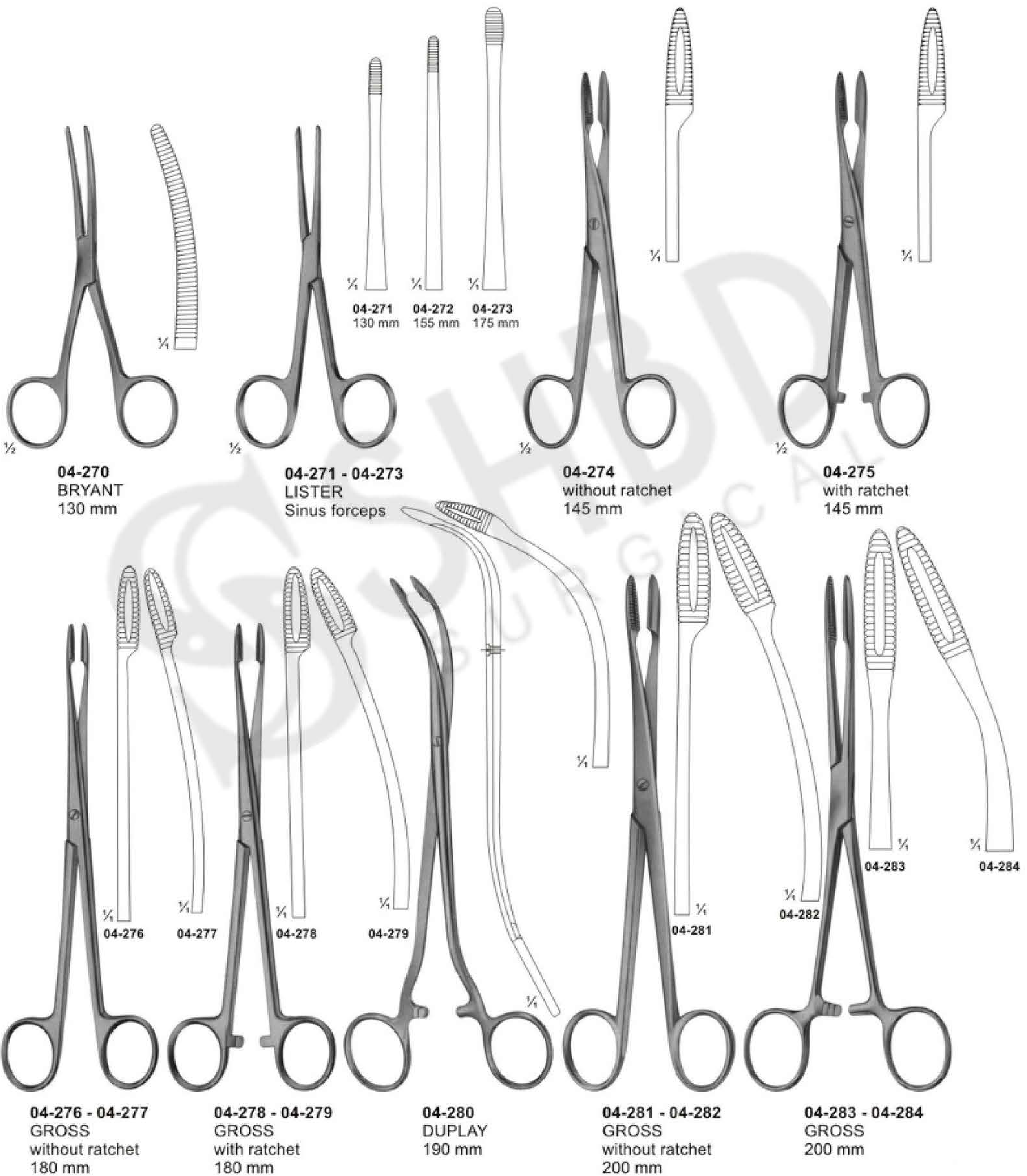
Tissue Forceps, Lung Dissecting Forceps



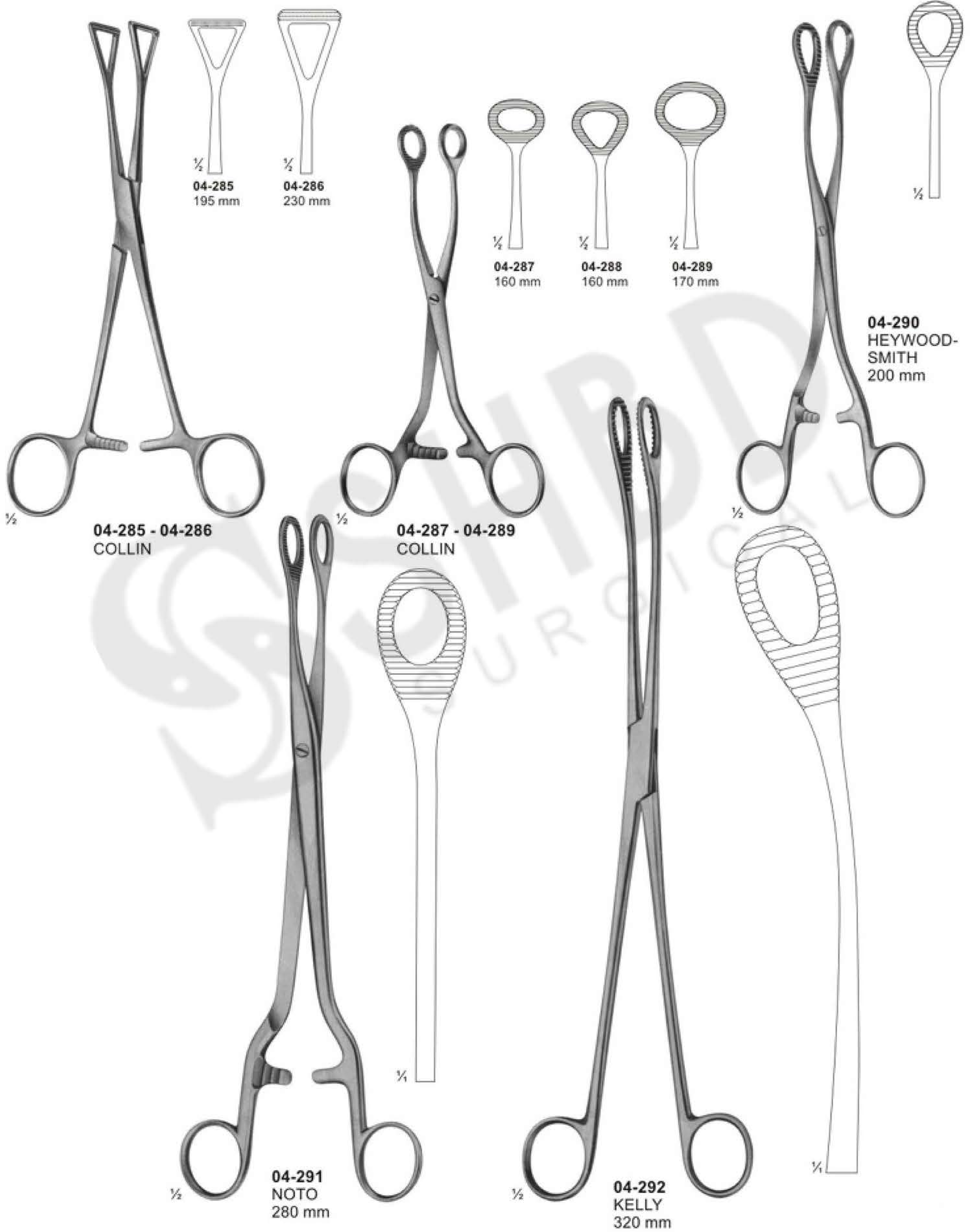
Splinter and Cilia Forceps



Sponge and Dressing Forceps



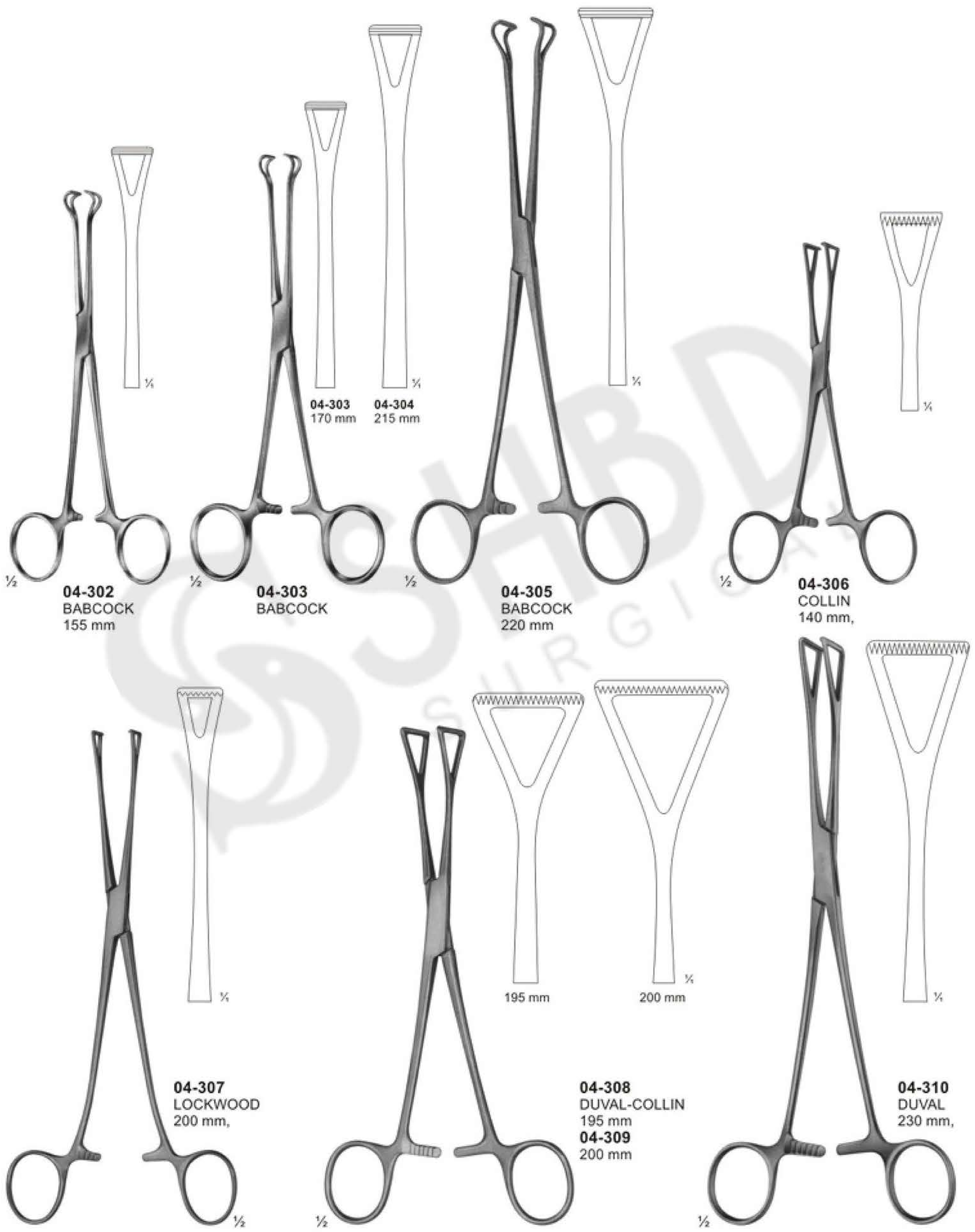
Dressing-, Sponge holding-, Organ- and Tissue Grasping Forceps



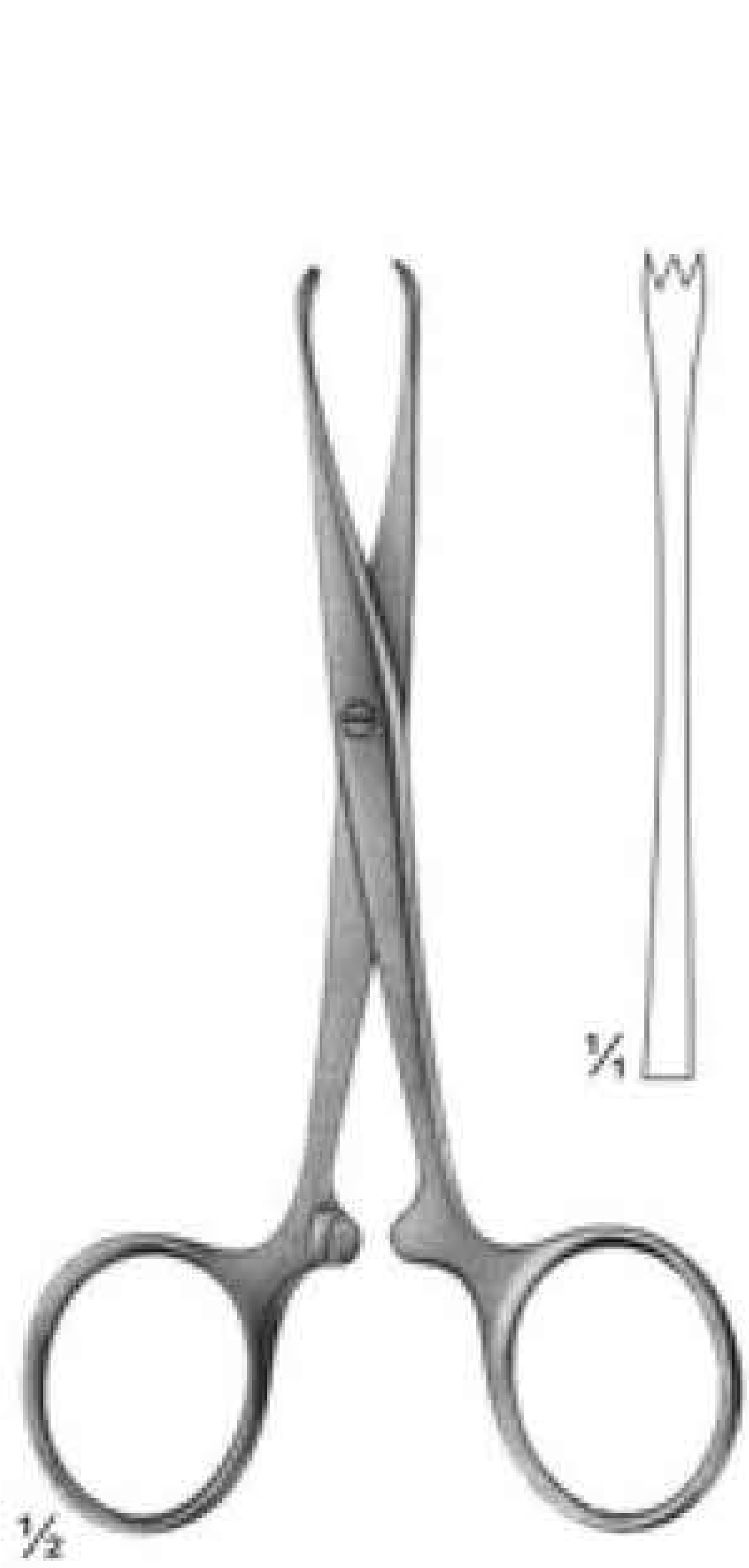
Dressing, Sponge holding, Organ and Tissue Grasping Forceps



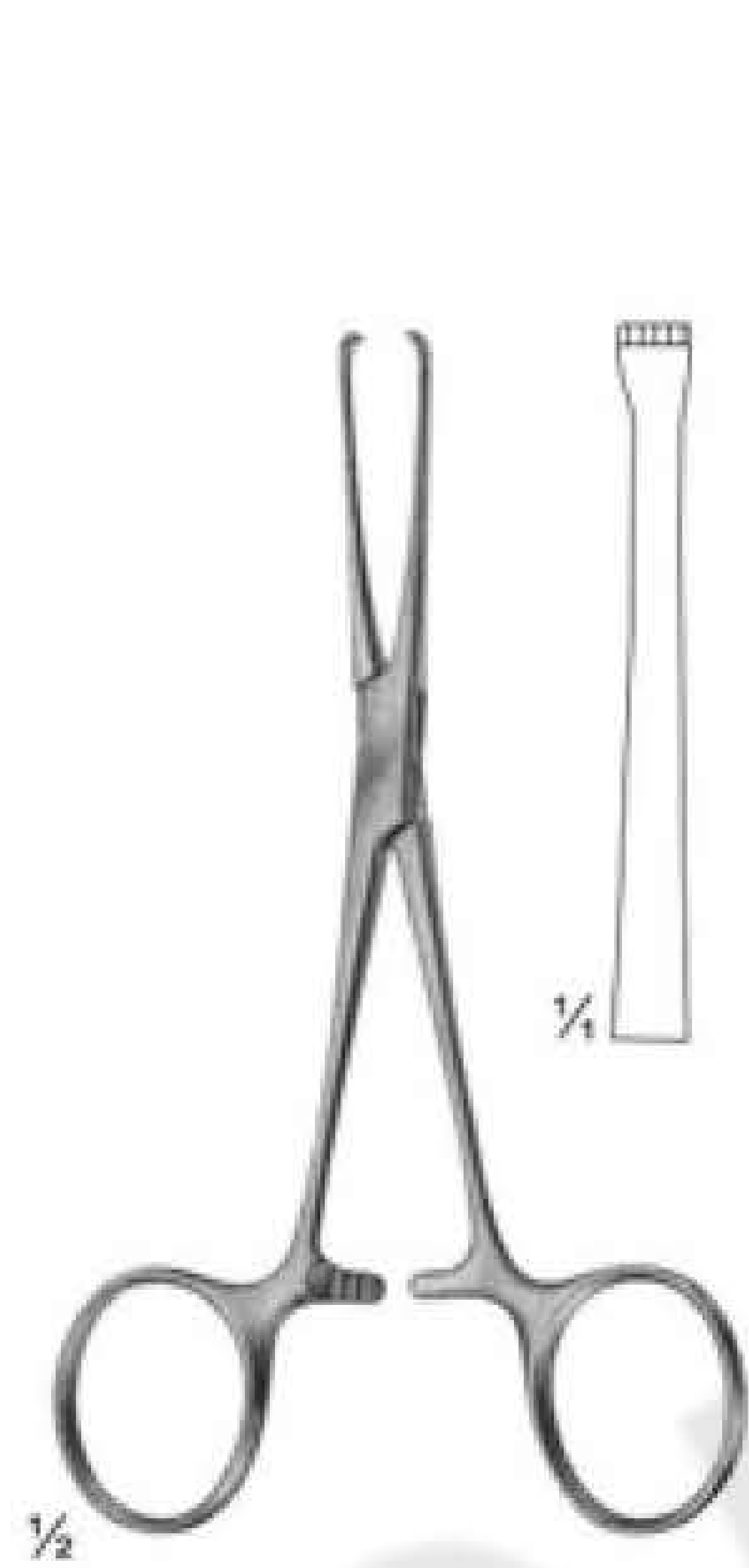
Intestinal Grasping Forceps



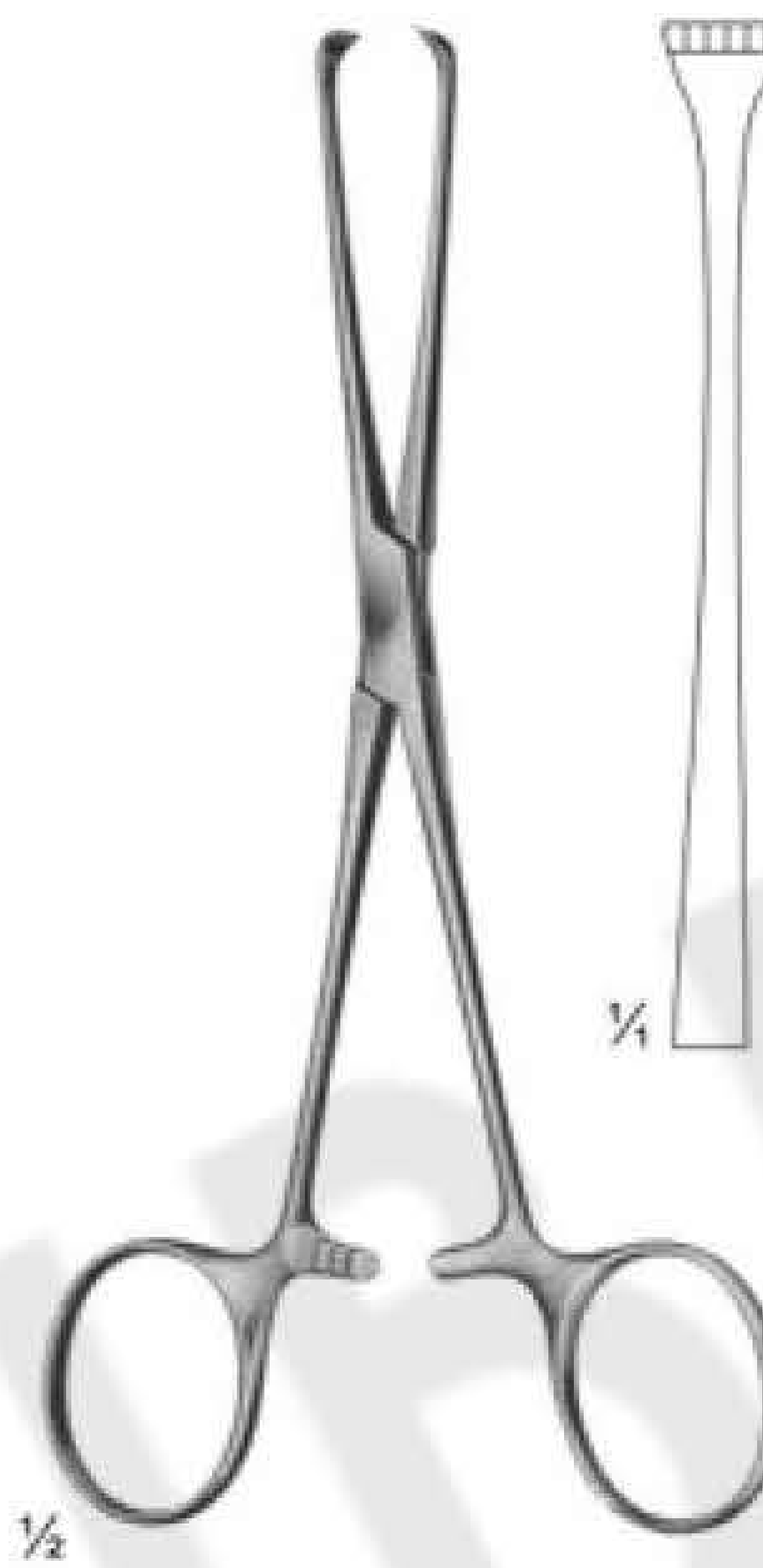
Artery Traction - and Tissue Grasping Forceps



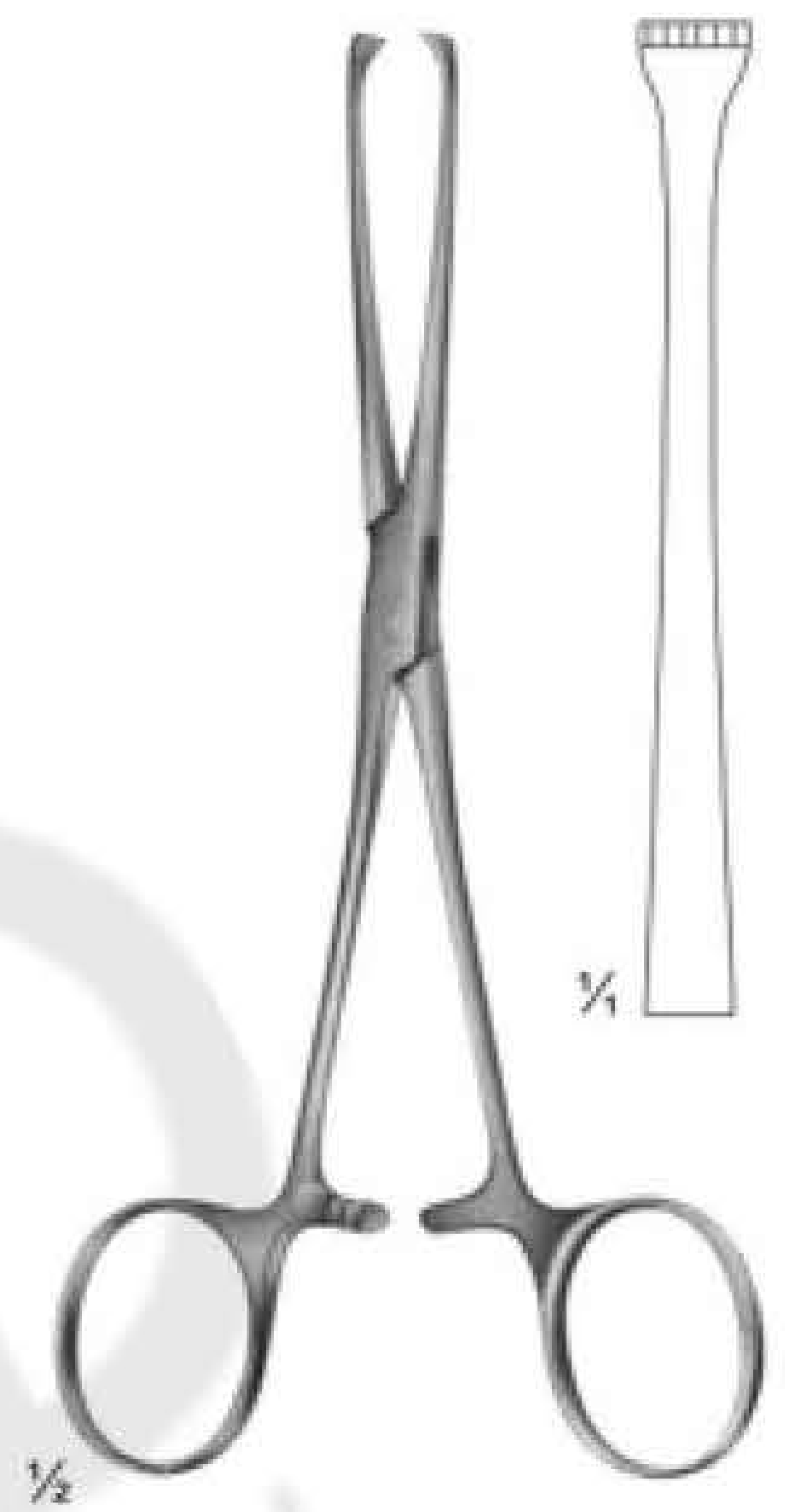
04-311
CHAPUT
2 x 3 teeth
125 mm



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



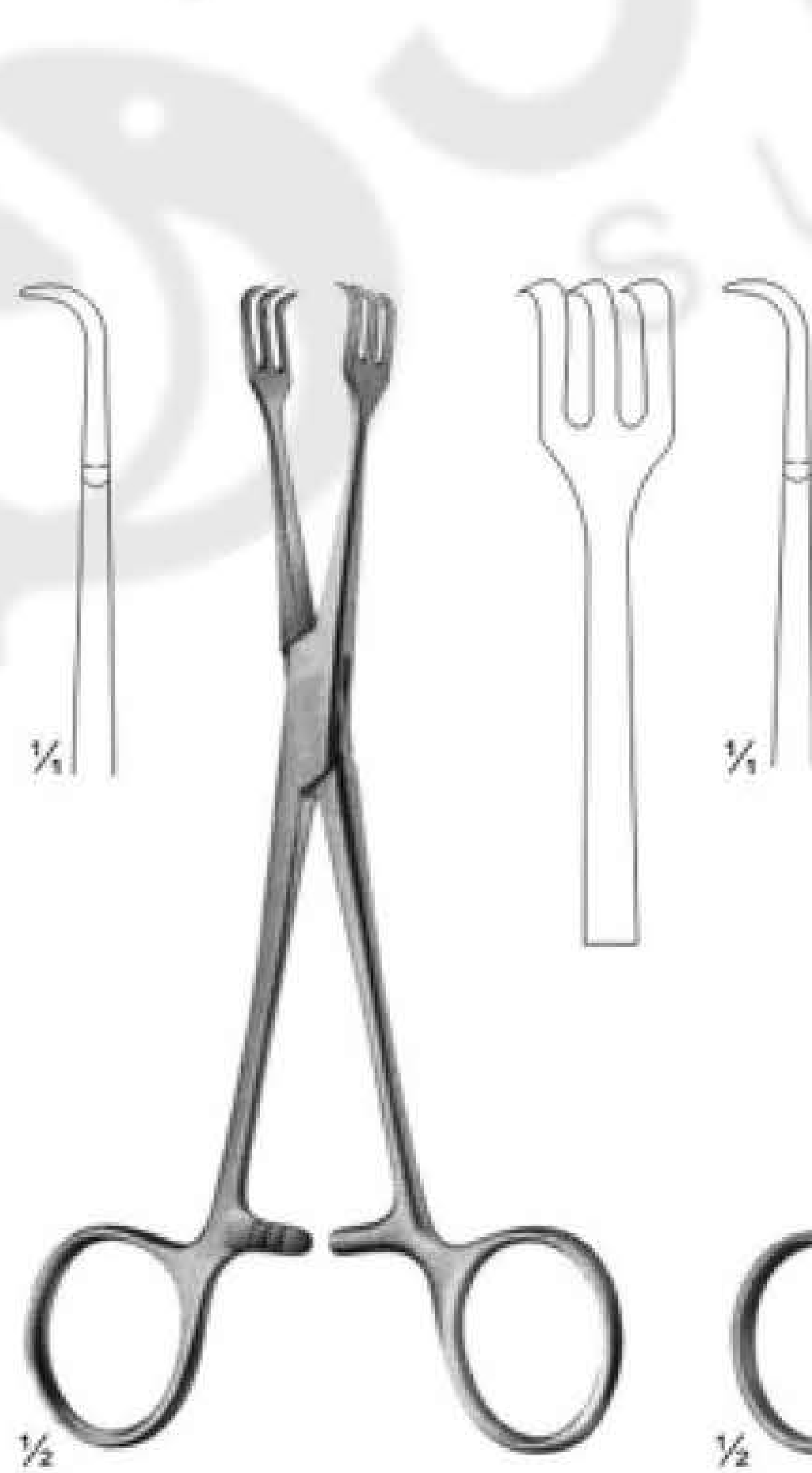
04-313
BOYS-ALLIS
5 x 6 teeth sharp
155 mm



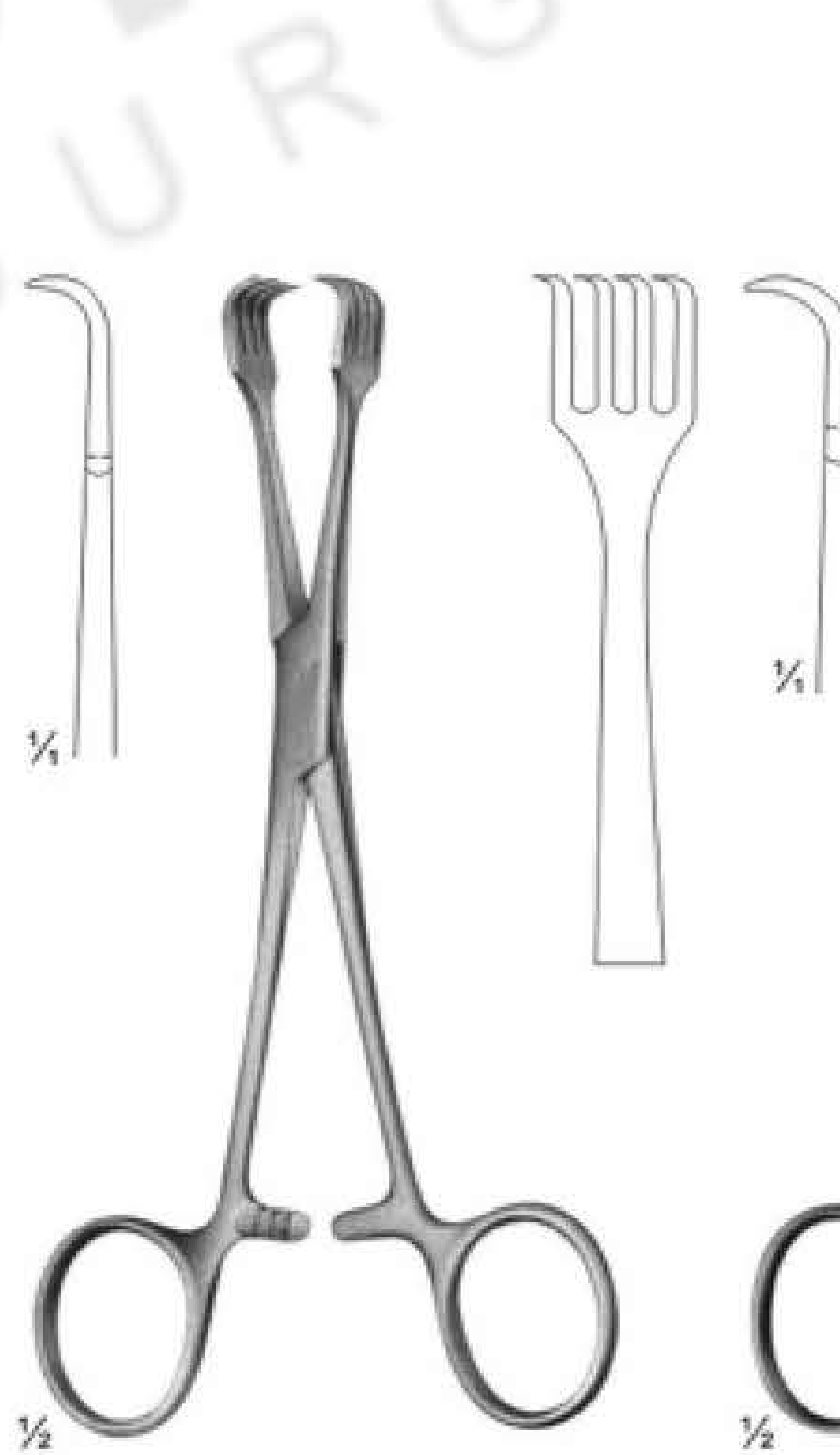
04-314
ALLIS
5 x 6 teeth
155 mm



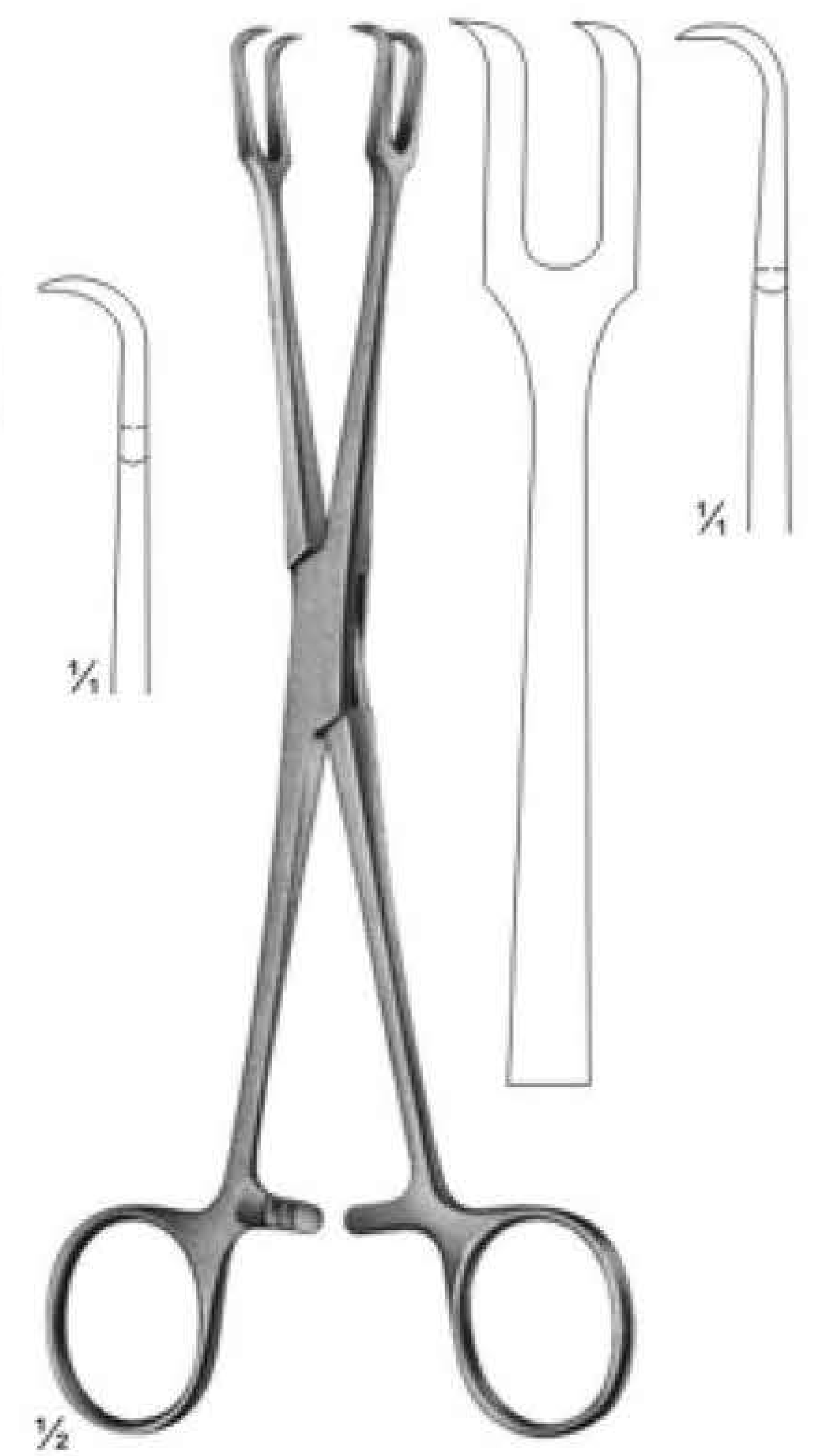
04-315
LAHEY
155 mm



04-316
LAHEY
155 mm

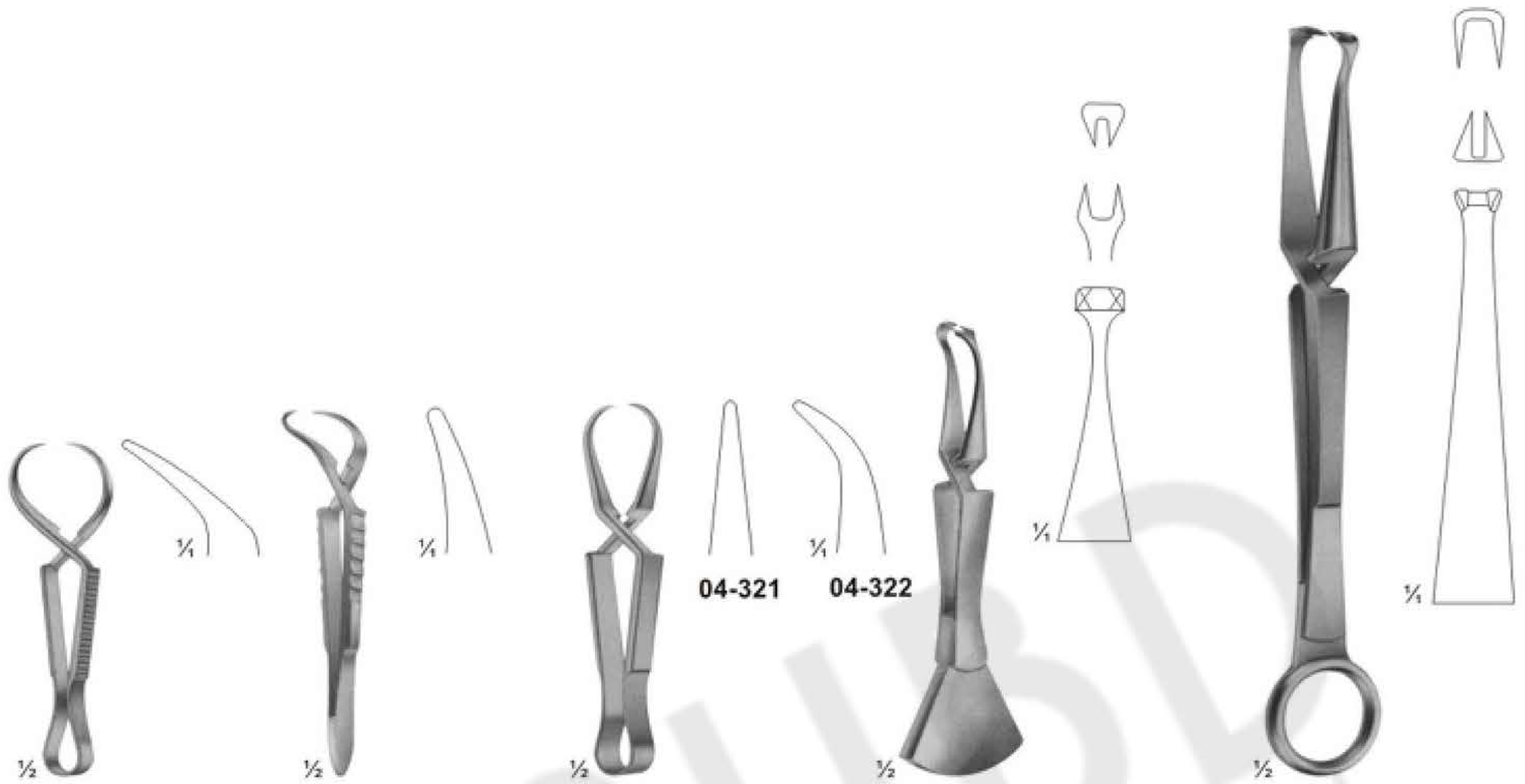


04-317
BRAUN
155 mm



04-318
MUSEUX
200 mm

Towel Clamps



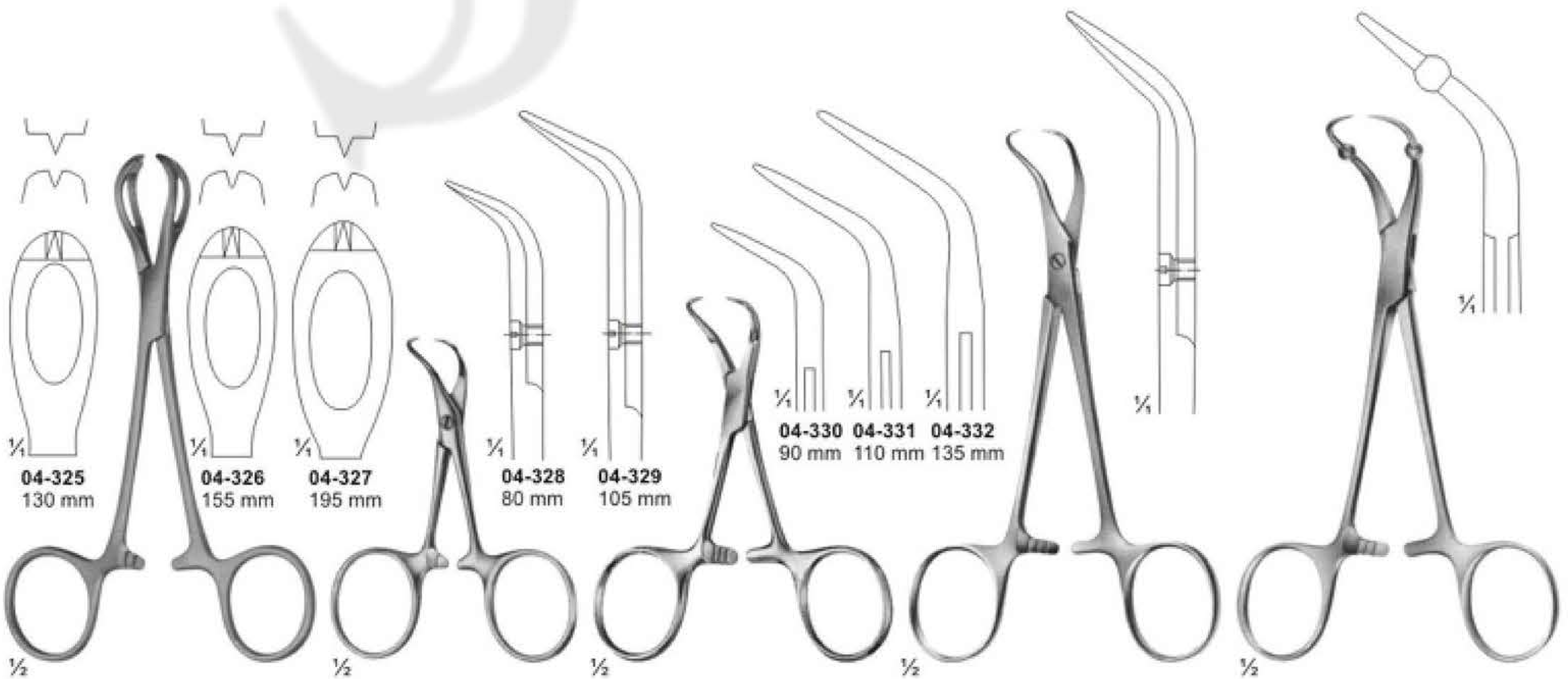
04-319
JONES
85 mm

04-320
ENGL. MOD.
85 mm

04-321 - 04-322
SCHAEDEL
85 mm

04-323
DOYEN
110 mm

04-324
DOYEN
180 mm



04-325
130 mm

04-326
155 mm

04-327
195 mm

04-328
80 mm

04-329
105 mm

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

04-333
BACKHAUS-KOCHER
135 mm

04-334
ROEDER
135 mm

04-325 - 04-327
LANE

04-328 - 04-329
BACKHAUS

04-330 - 04-332
BACKHAUS

Muller Vessel Clips and Bulldog Clamps

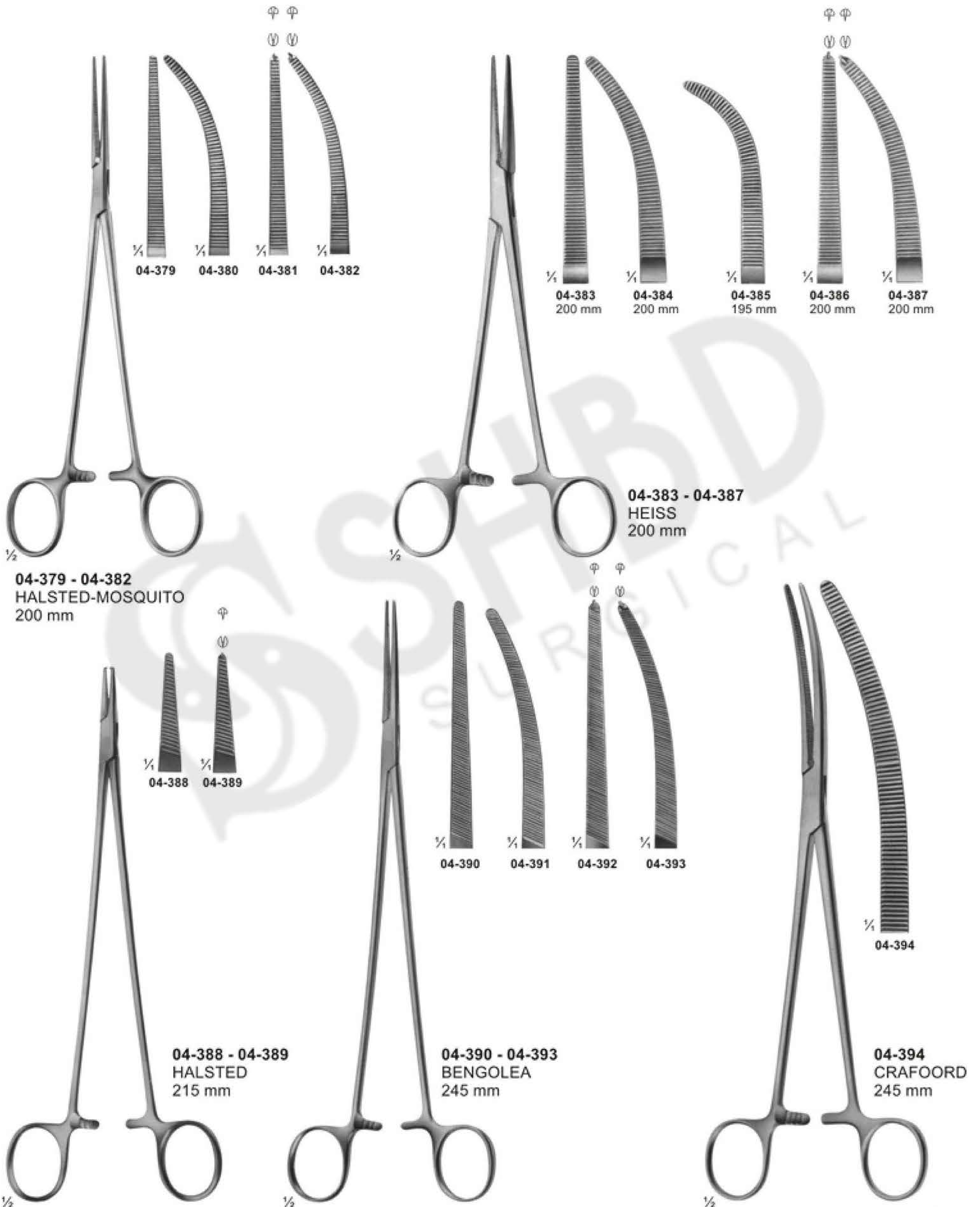
Closing force

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

									
04-341 35 mm	04-342 35 mm	04-343 45 mm	04-344 45 mm	04-345 04-346 38 mm 48 mm	04-347 04-348 38 mm 48 mm	04-349 58 mm	04-350 58 mm	04-351 - 04-357 91 mm	04-358 DE BAKEY- HESS 20 mm

									
04-359 length 50 mm jaws 27 mm	04-360 length 48 mm jaws 27 mm	04-361 GLOVER length 57 mm jaws 35 mm	04-362 DE BAKEY length 73 mm jaws 38 mm	04-363 DE BAKEY length 99 mm jaws 63 mm	04-364 DE BAKEY length 95 mm jaws 54 mm	04-365 L. 80 mm	04-369 L. 78 mm	04-373 GLOVER L. 68 mm	04-376 GLOVER L. 65 mm
						04-366 L. 90 mm	04-370 L. 86 mm	04-374 L. 96 mm	04-377 L. 91 mm
						04-367 L. 105 mm	04-371 L. 97 mm	04-375 L. 117 mm	04-378 L. 110 mm
						04-368 L. 124 mm	04-372 L. 114 mm		

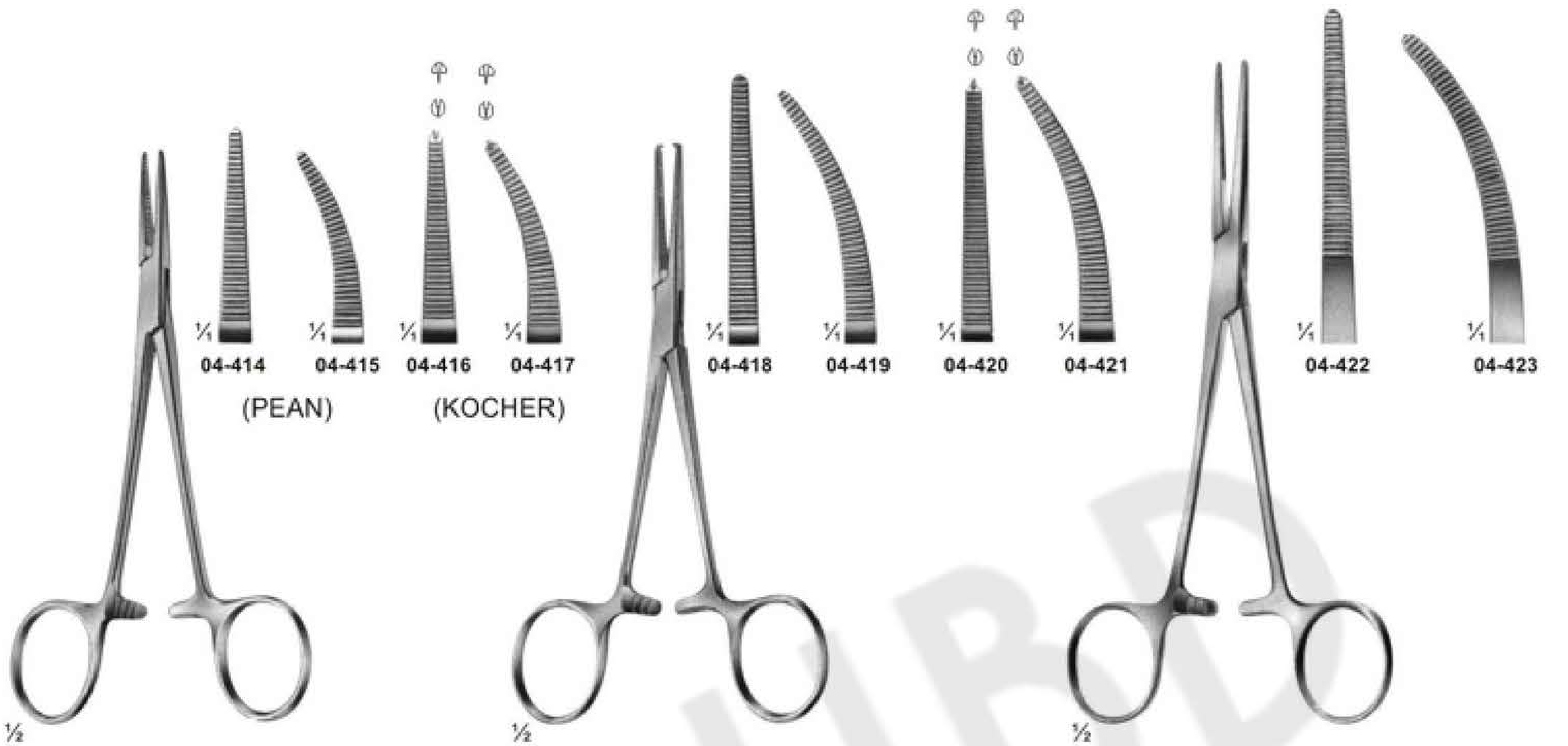
Delicate Haemostatic Forceps



Delicate Haemostatic Forceps



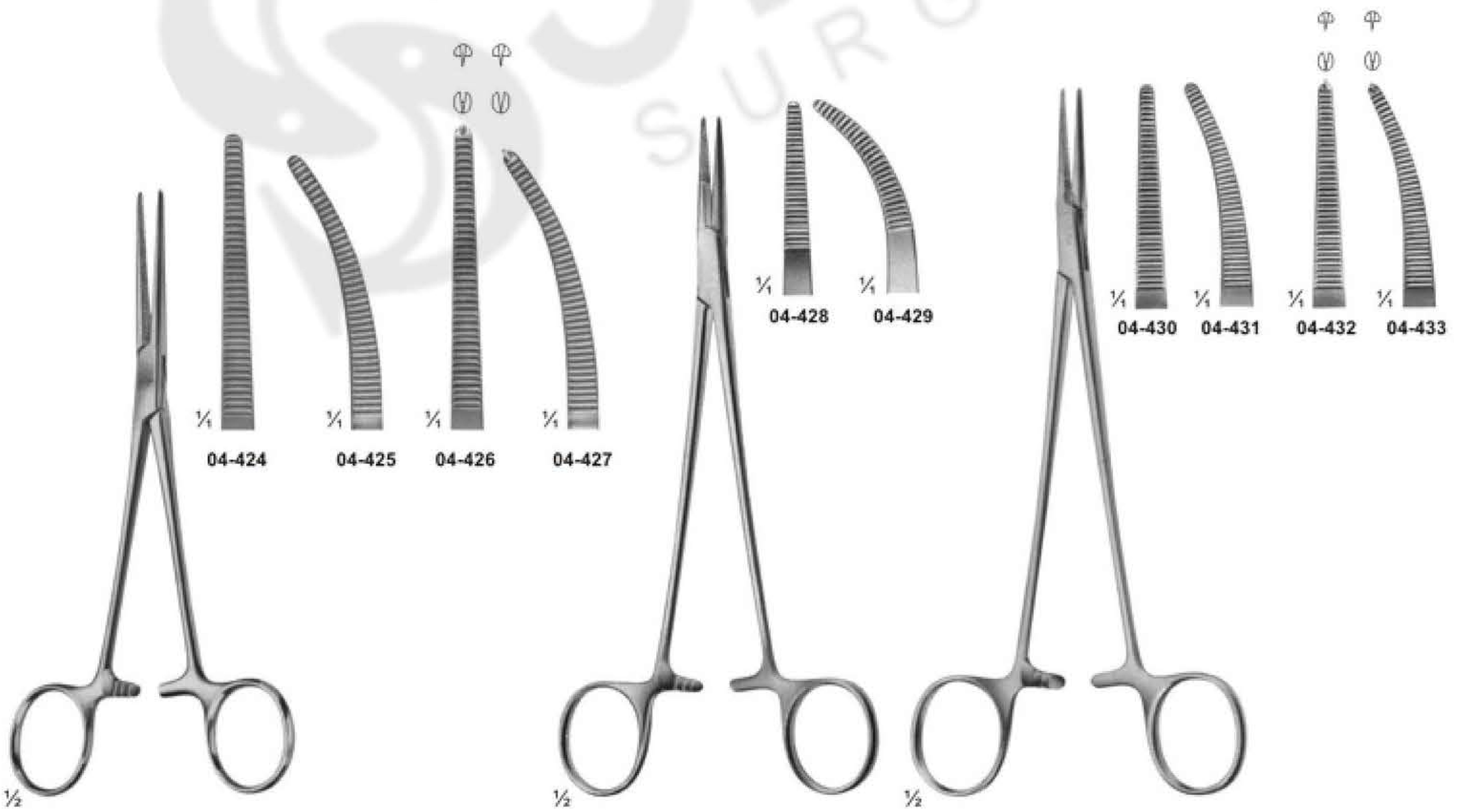
Delicate Haemostatic Forceps



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

04-418 - 04-421
CRILE
140 mm

04-422 - 04-423
RANKIN
160 mm



04-424 - 04-427
CRILE
160 mm

04-428 - 04-429
ADSON
185 mm

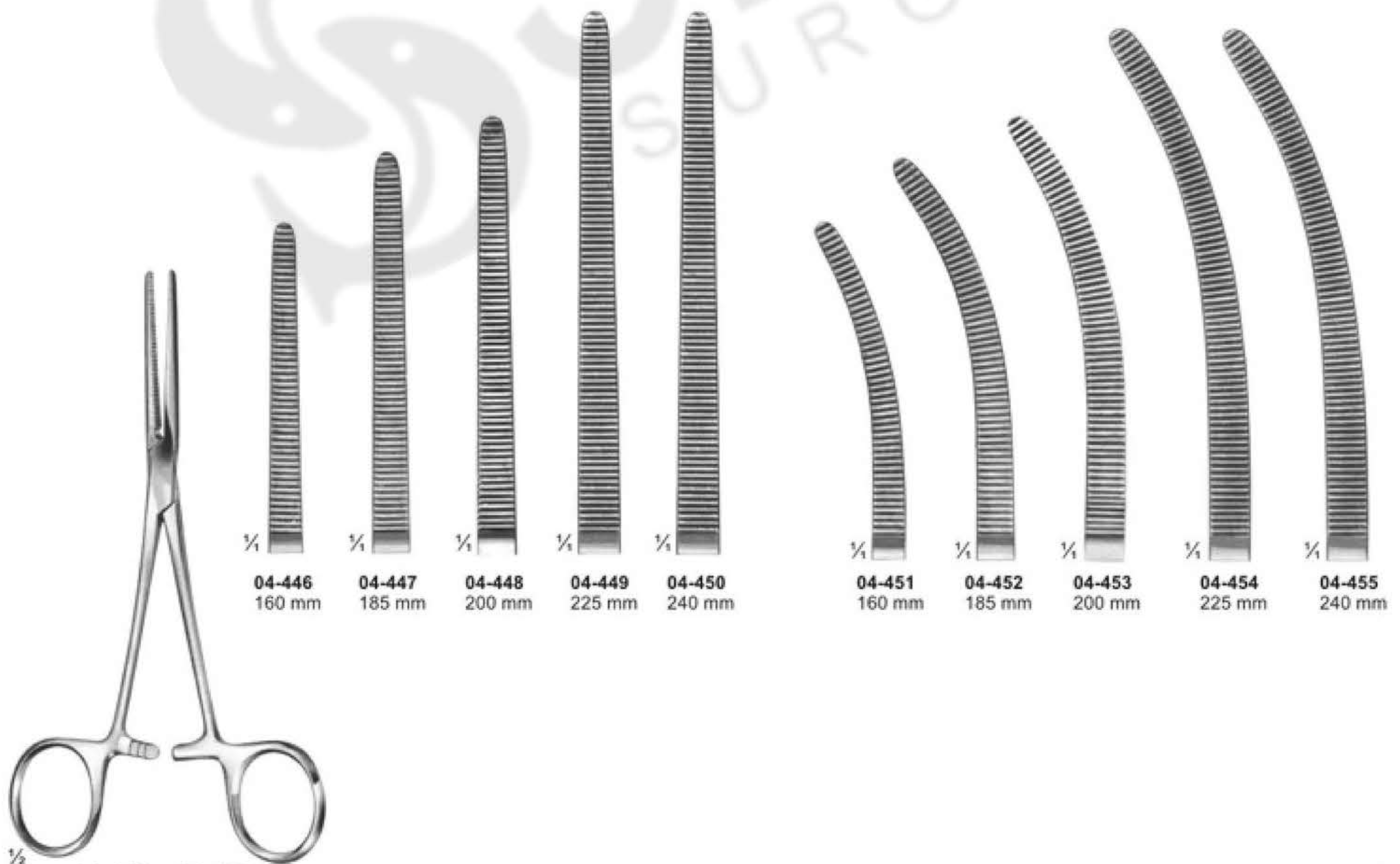
04-430 - 04-433
HALSTED
185 mm

Haemostatic Forceps



04-434 - 04-437
PEAN
Slender type

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

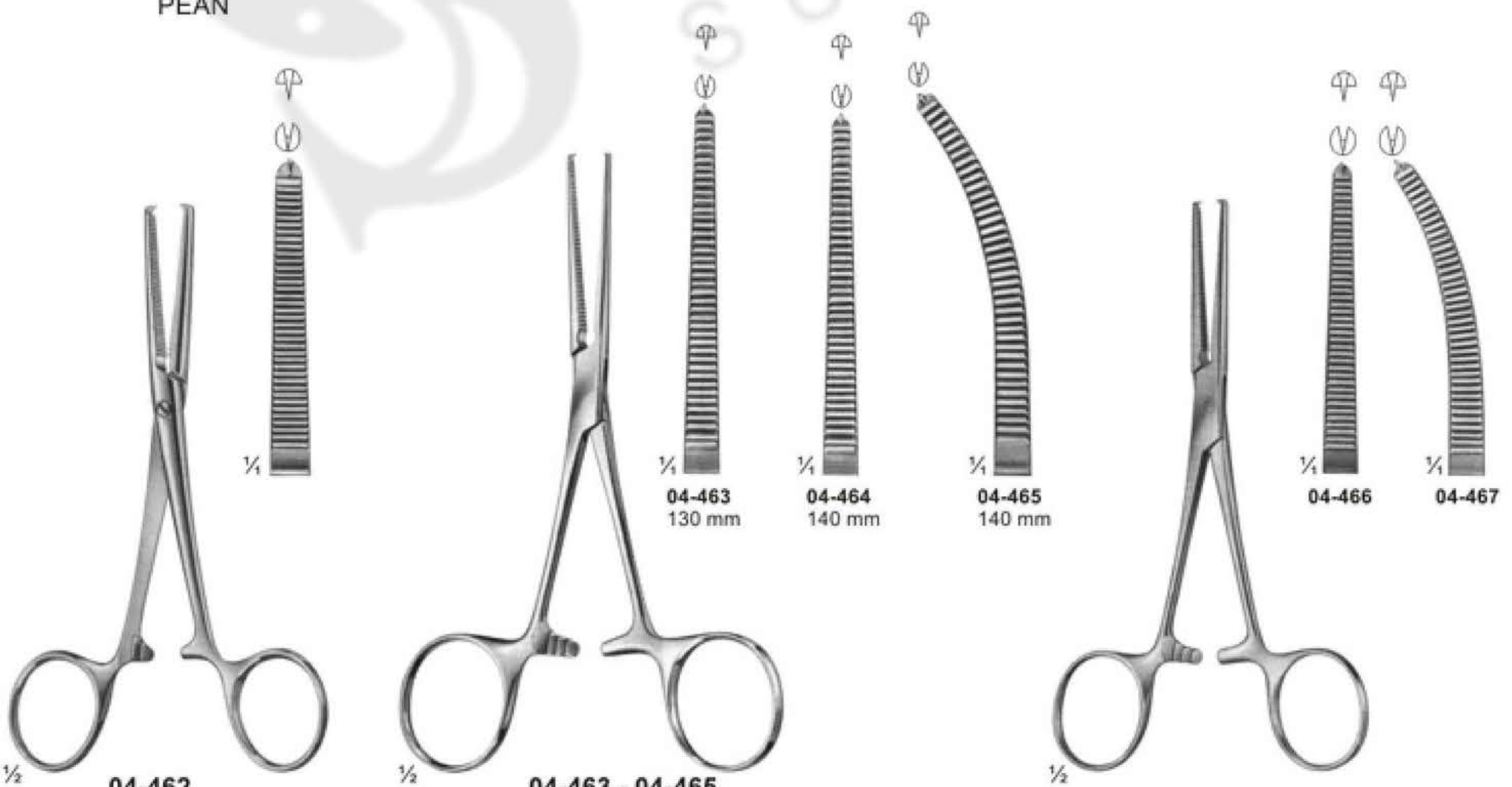


04-446 - 04-455
ROCHESTER-PEAN

Haemostatic Forceps



04-456 - 04-461
PEAN

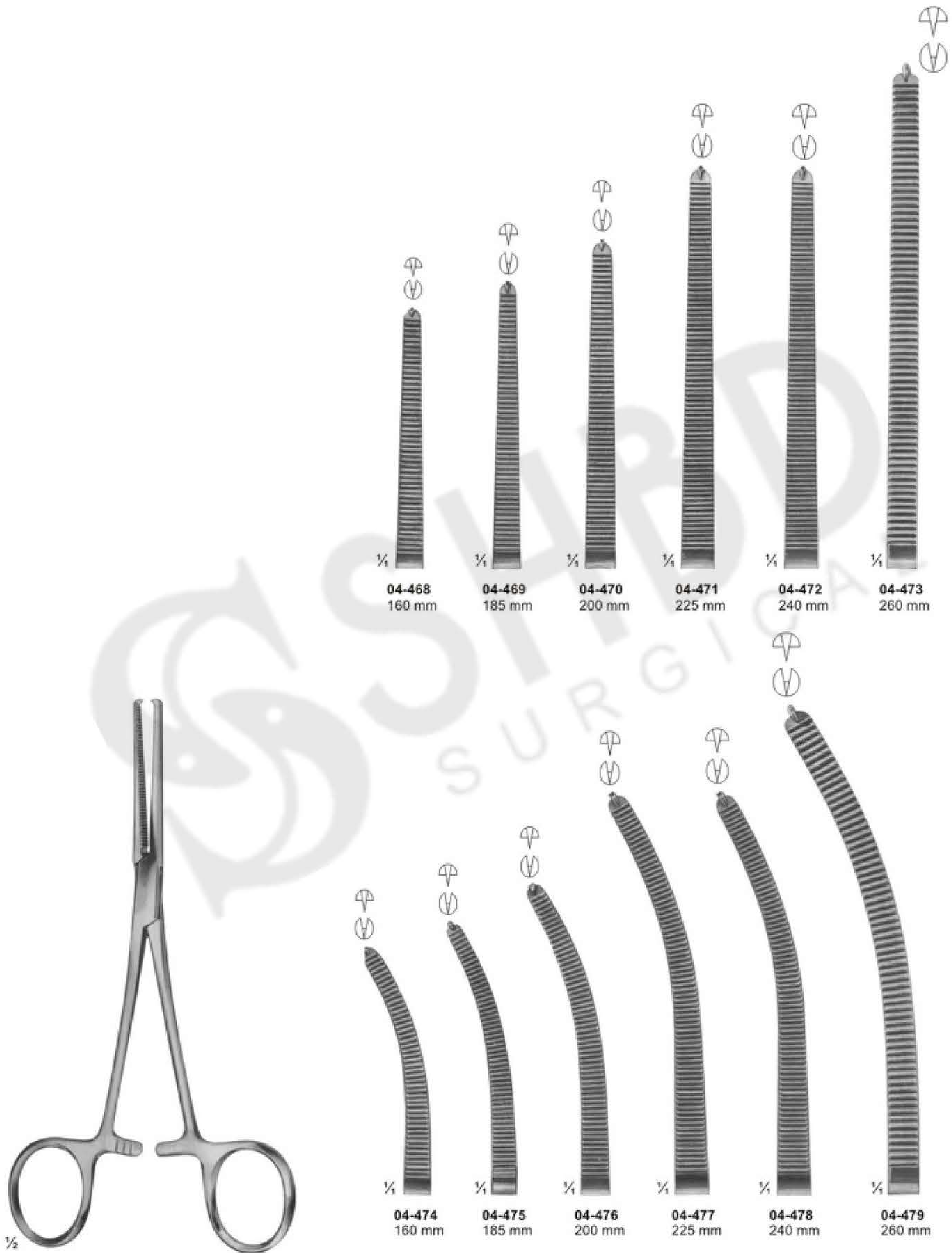


04-462
KOCHER
Strong Pattern
145 mm

04-463 - 04-465
KOCHER

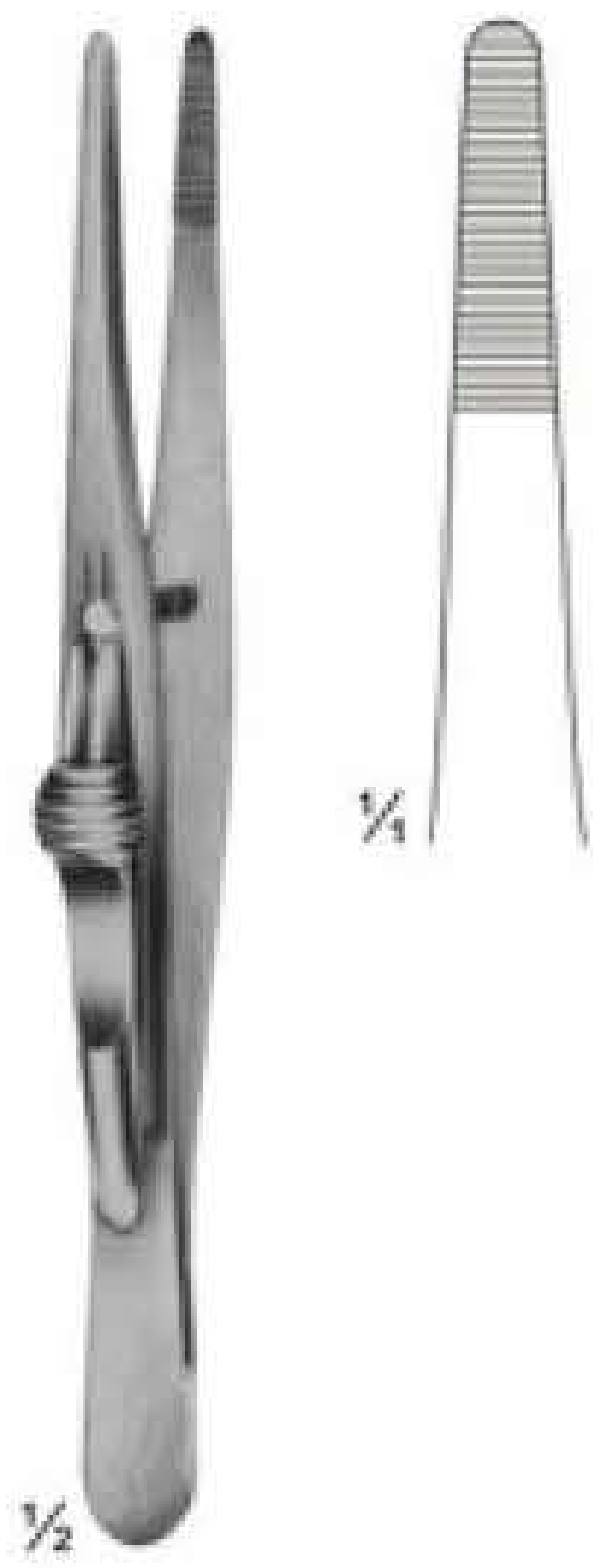
04-466 - 04-467
ROCHESTER-OGHSNER
140 mm

Haemostatic Forceps

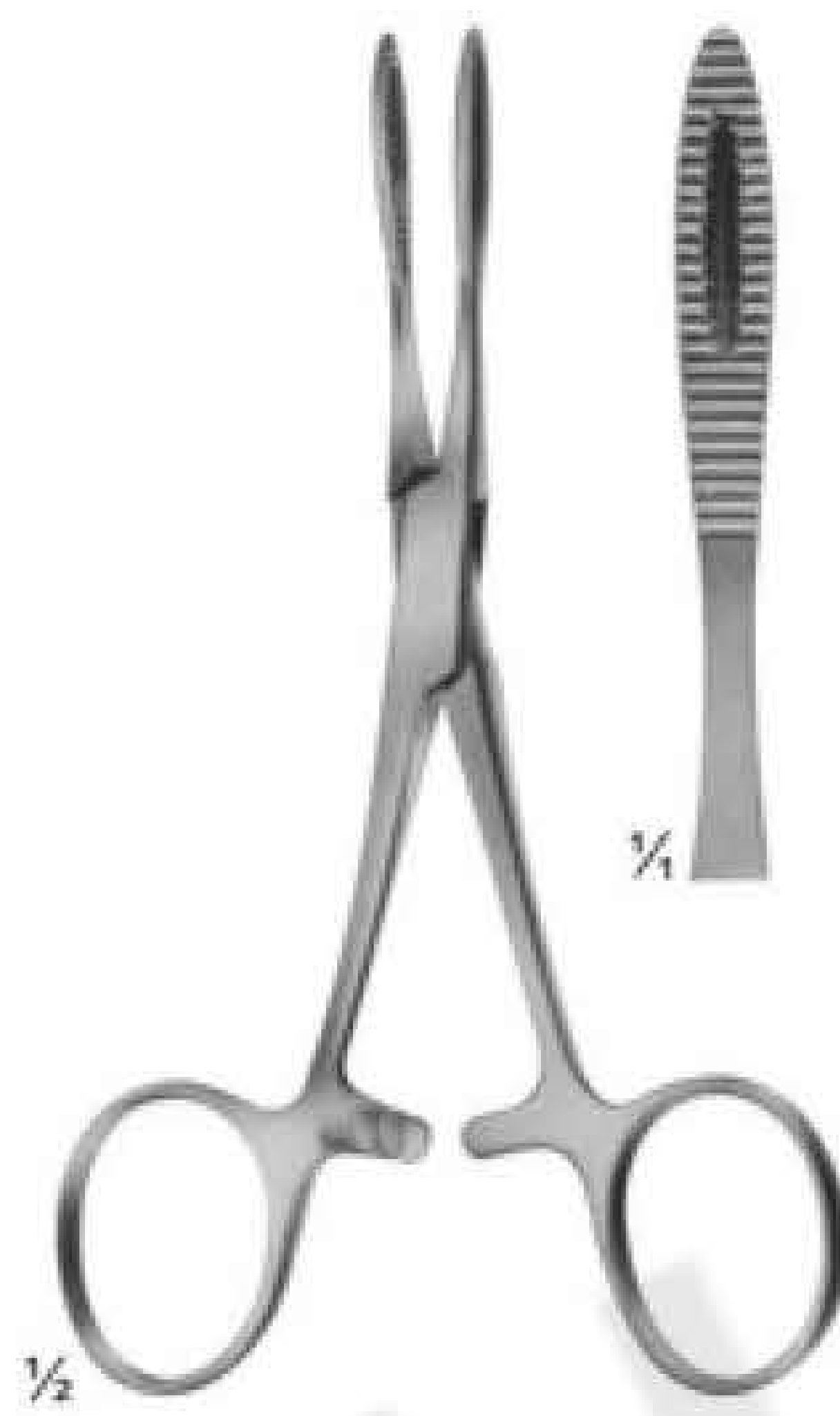


04-468 - 04-479
KOCHER-OCHSNER

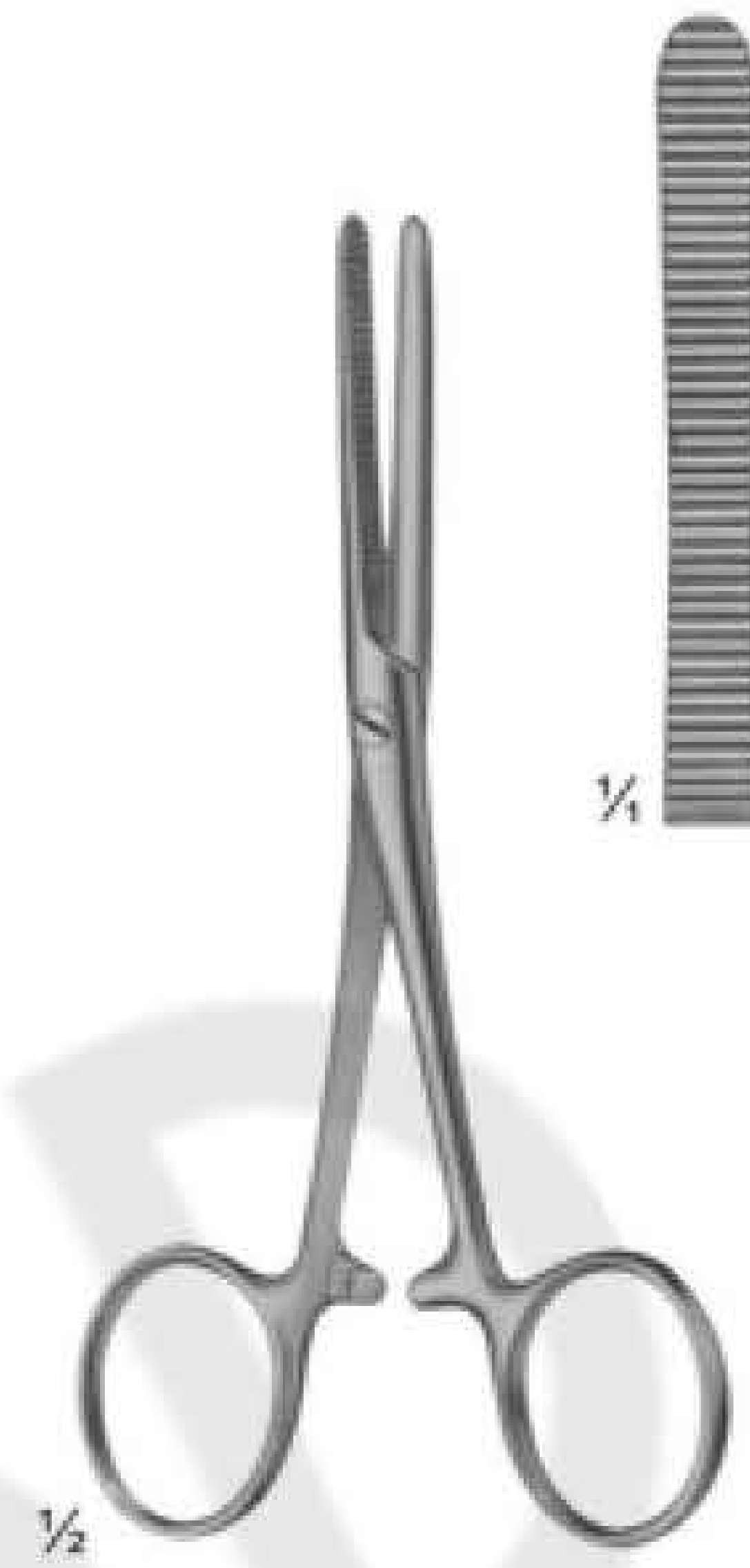
Haemostatic Forceps



04-480
FRICKE
Artery forceps
130 mm



04-481
KRONLEIN
130 mm



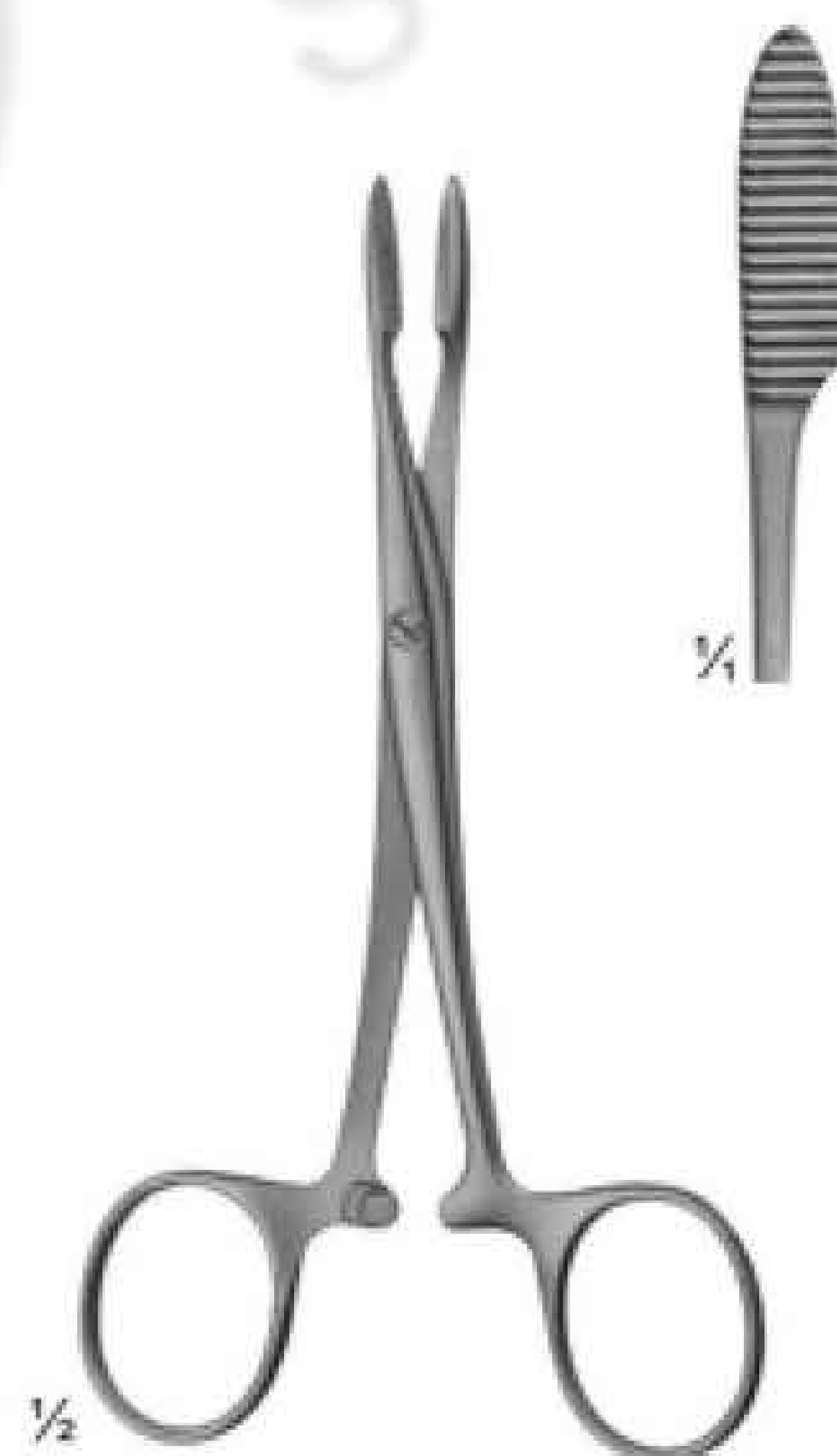
04-482
PEAN
125 mm



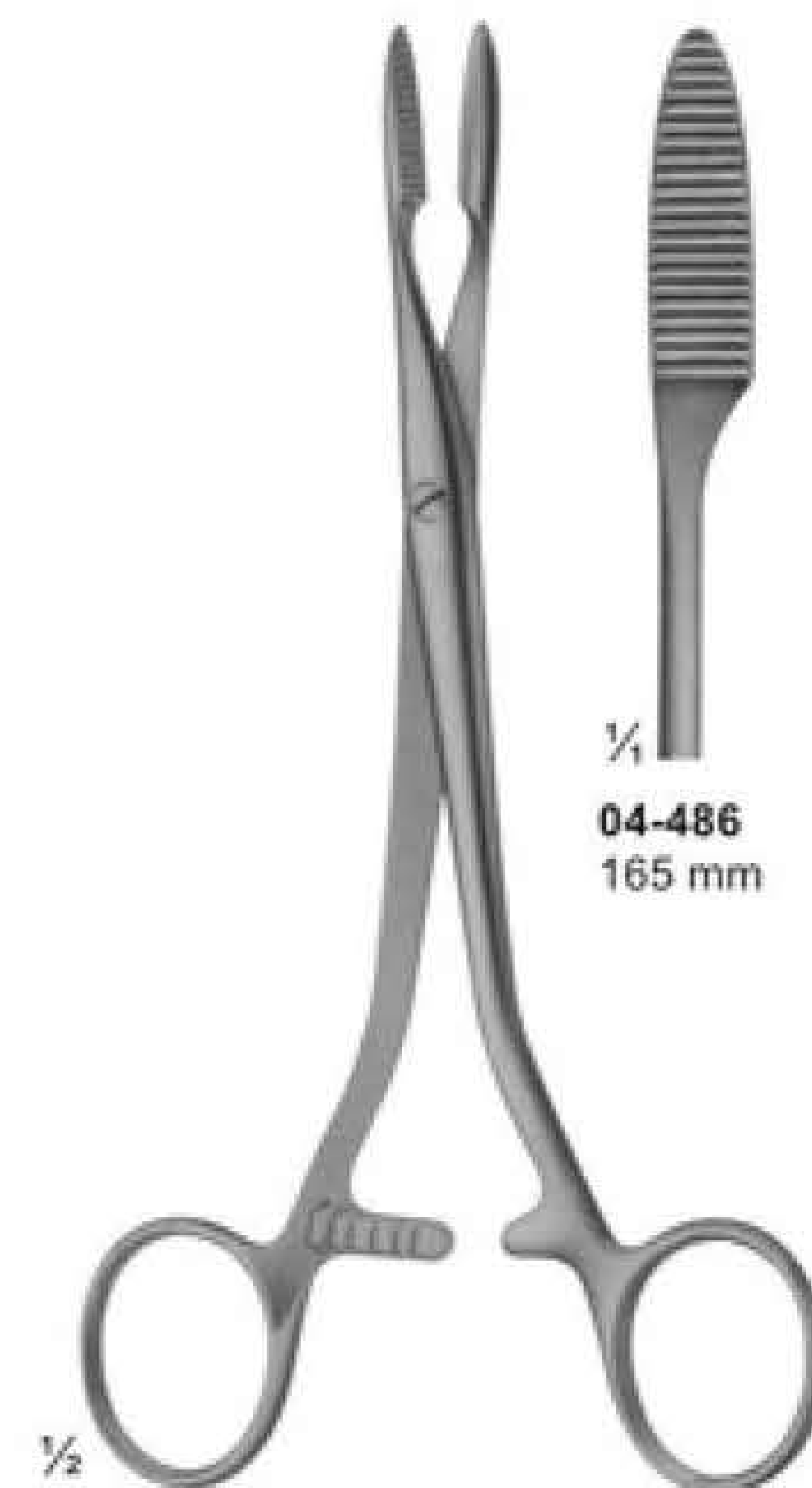
04-483 - 04-484
PEAN



04-484
140 mm



04-485
PEAN
125 mm

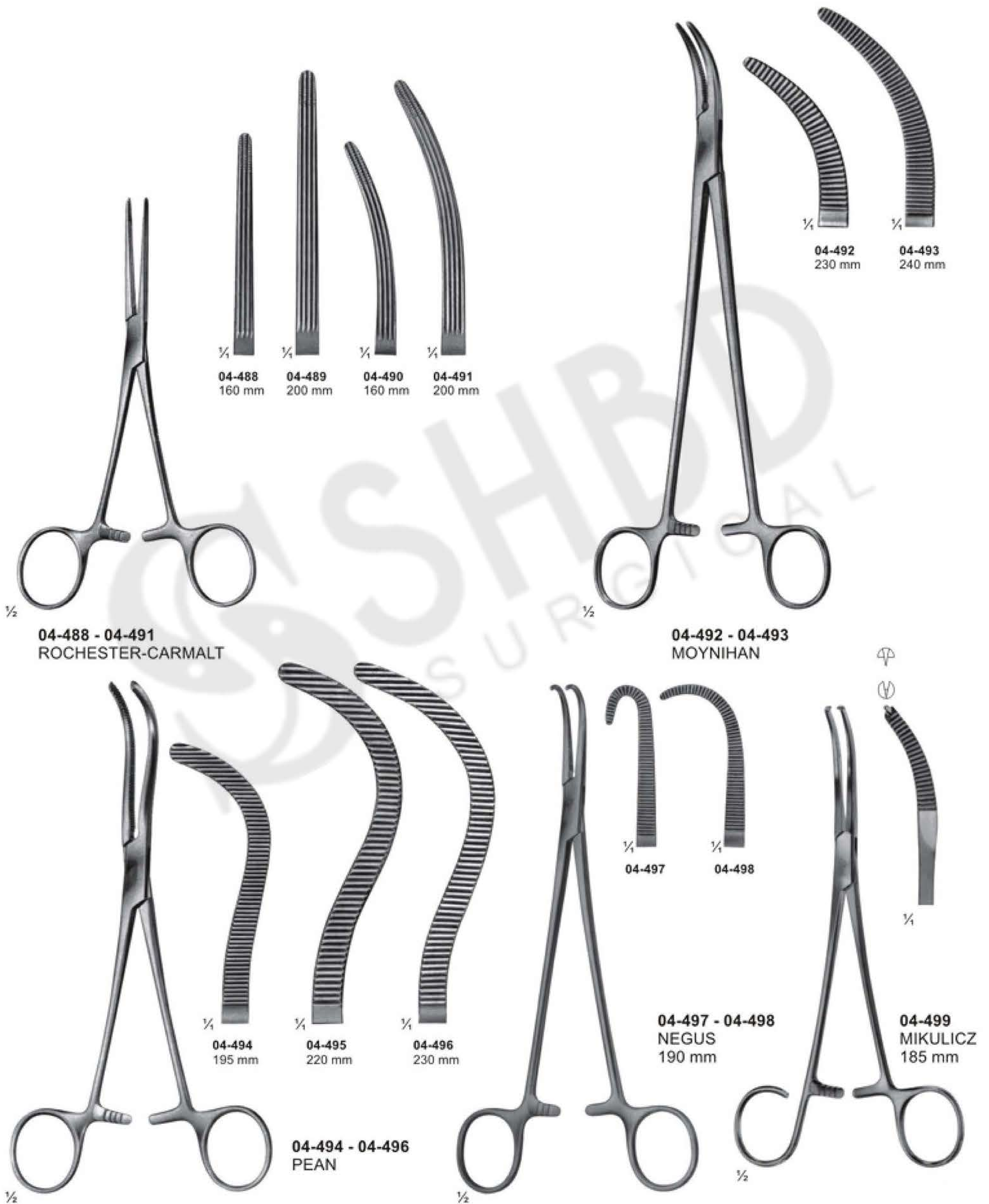


04-486 - 04-487
PEAN

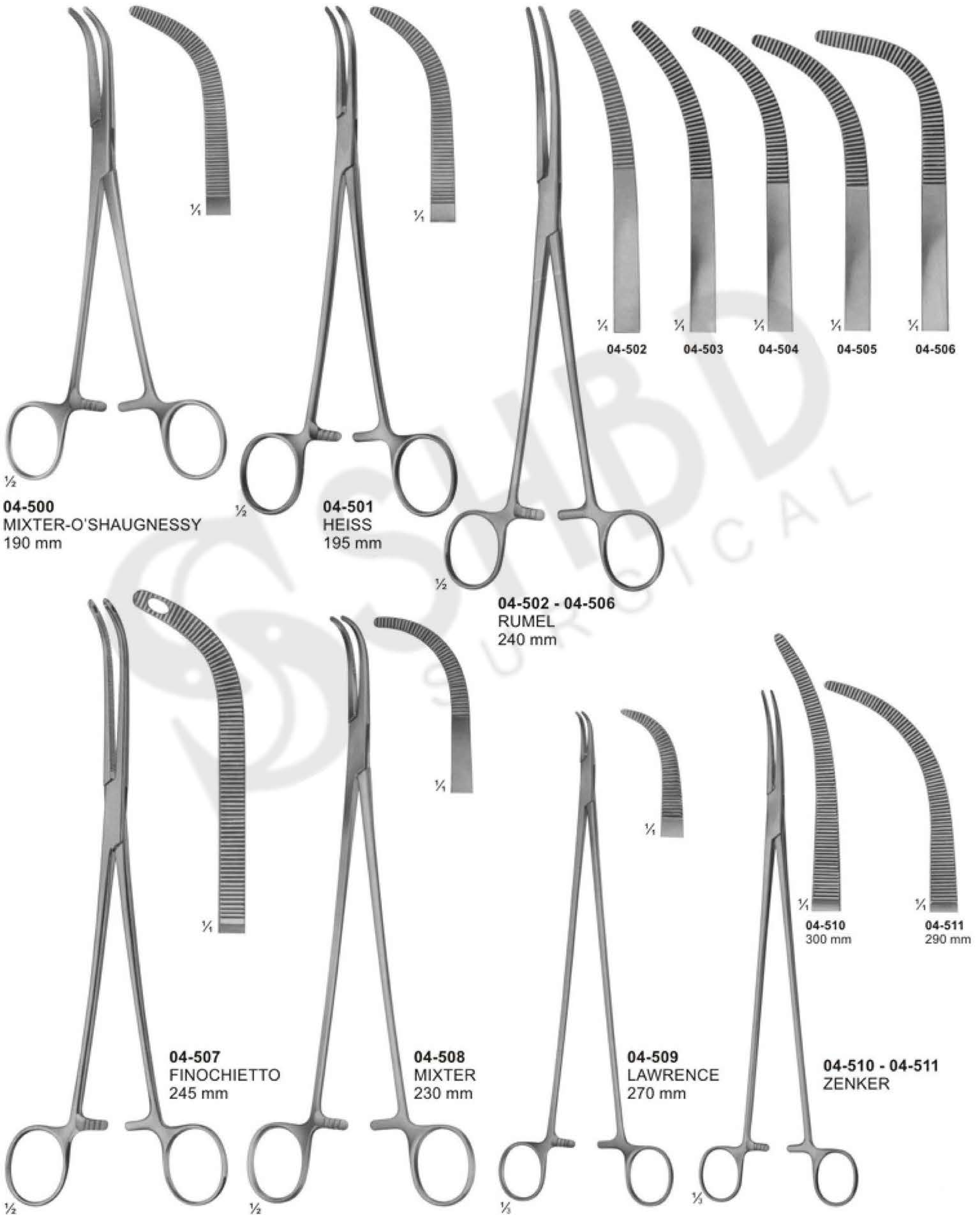


04-487
185 mm

Haemostatic Forceps, Special Pattern, Tonsil Forceps



Dissecting- and Ligature Forceps



Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



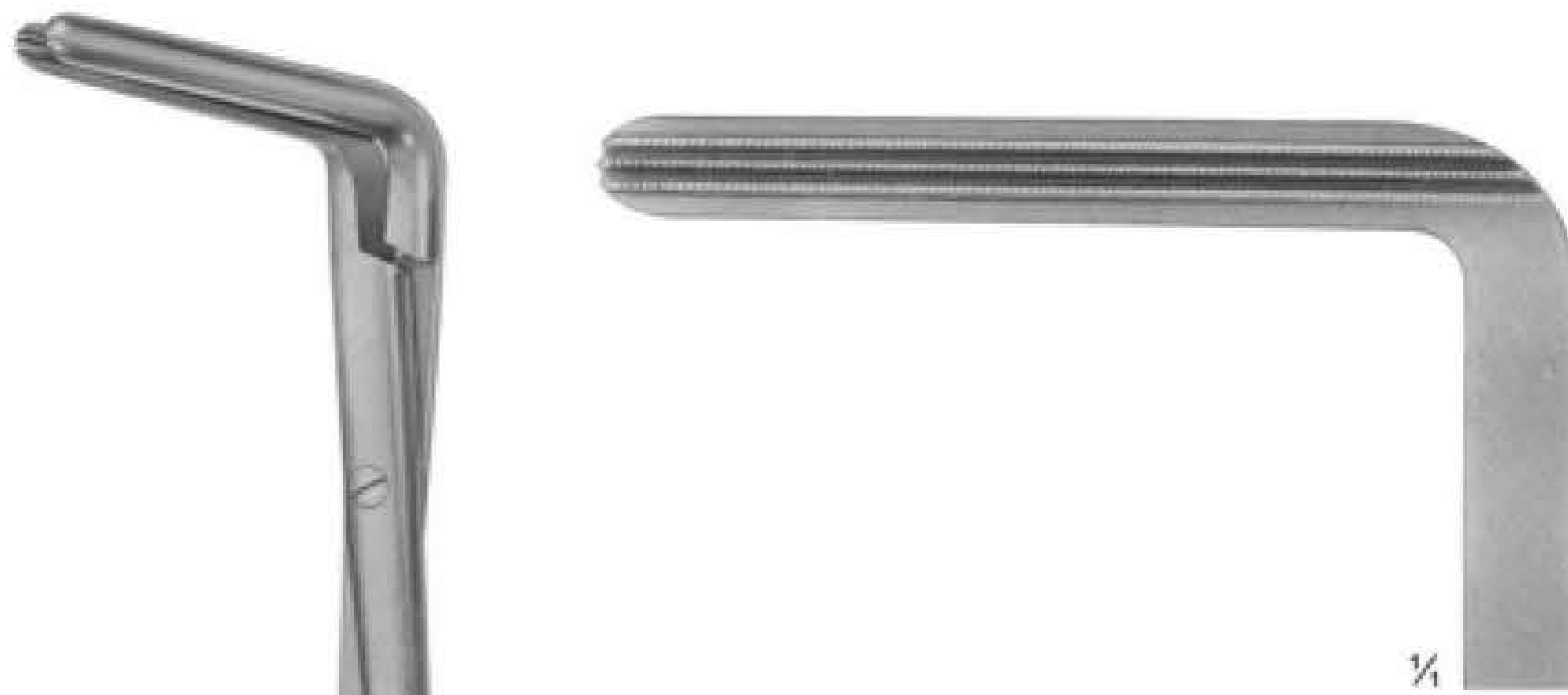
1/2
04-512
 WERTHEIM
 Hysterectomy forceps
 255 mm

1/2
04-513
 WERTHEIM
 Parametrium clamp
 260 mm

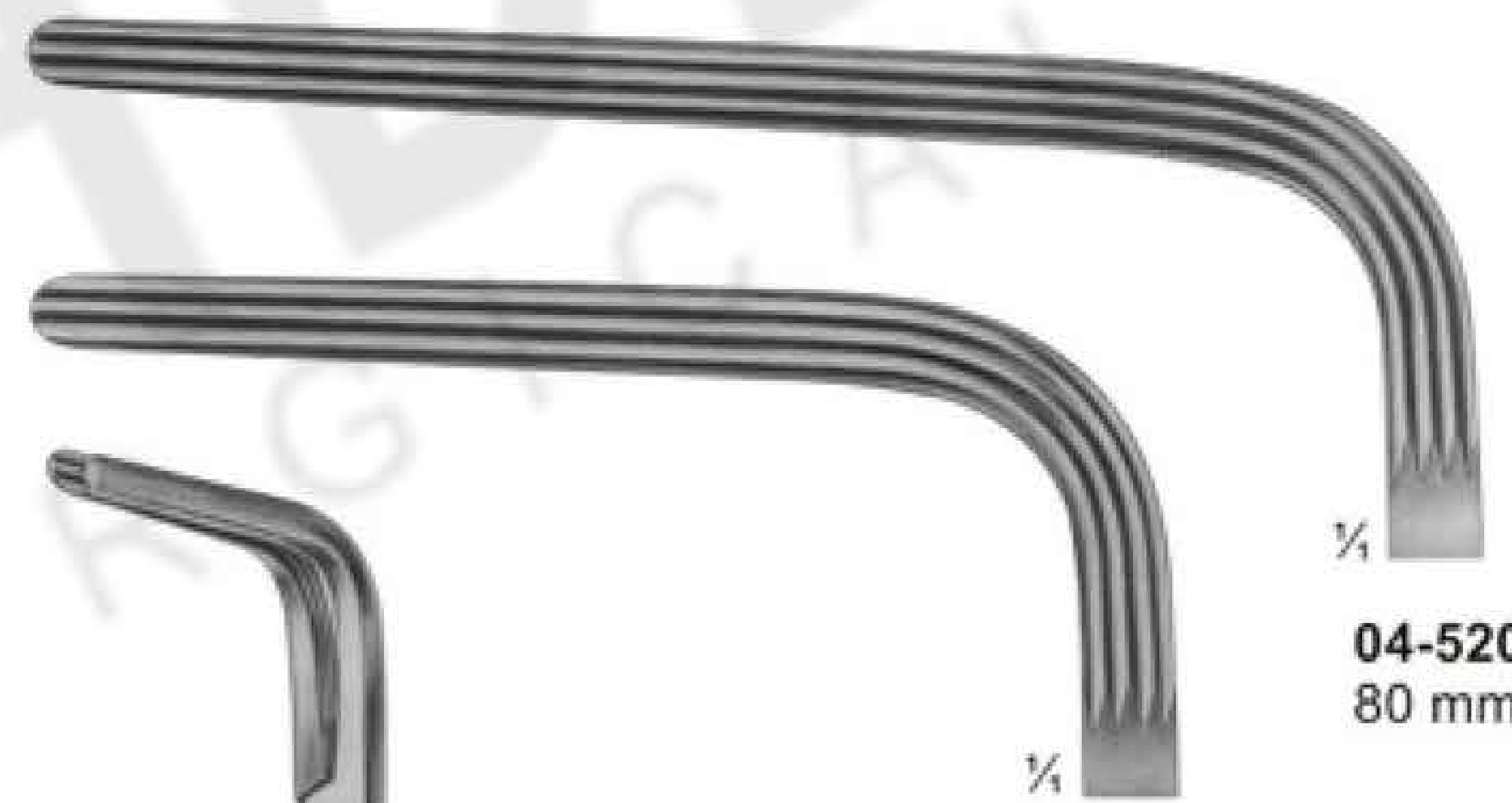
1/4
04-514 255 mm
04-515 265 mm
04-516 275 mm

1/2
04-514 - 04-516
 DICK

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

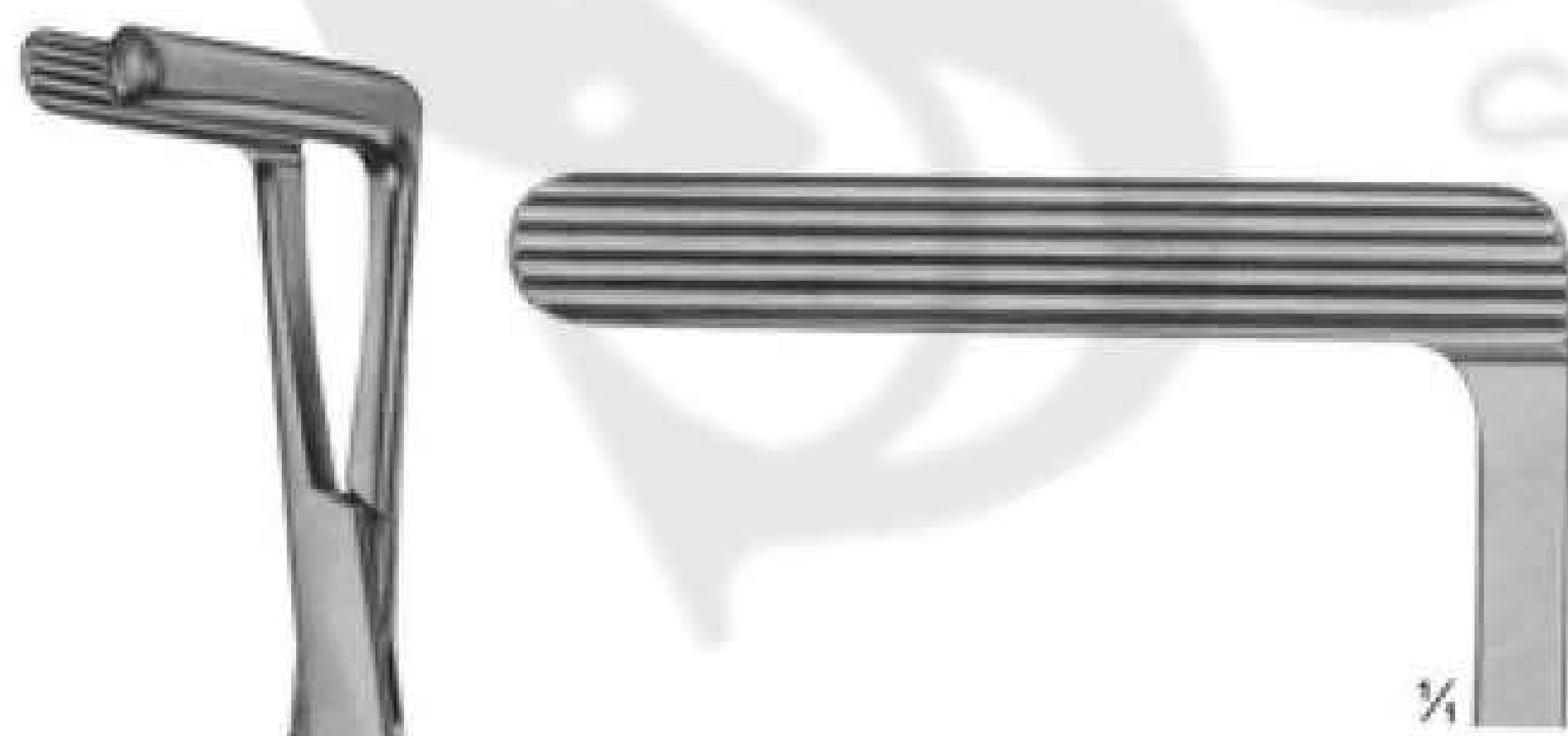


04-517
WERTHEIM
250 mm

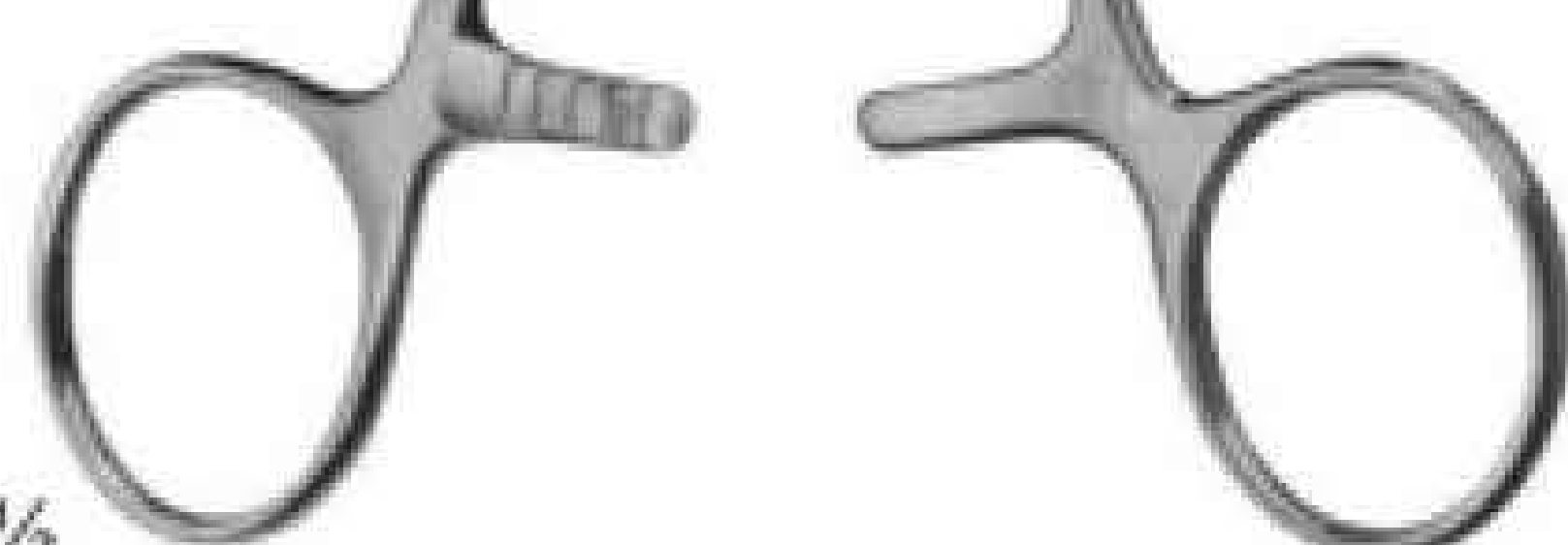


04-520
80 mm

04-519
60 mm

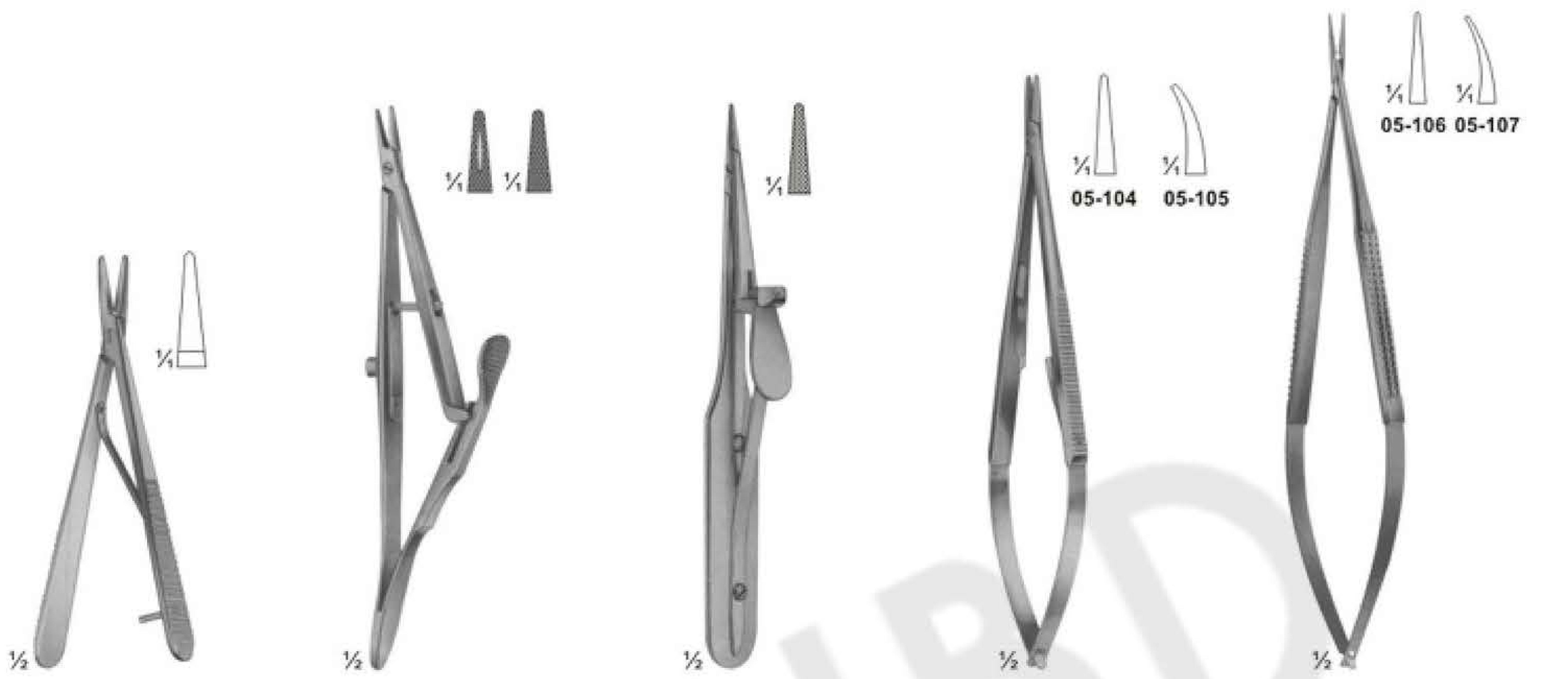


04-518
WERTHEIM-CULLEN
215 mm



04-519 - 04-520
230 mm

Needle Holders for micro surgery



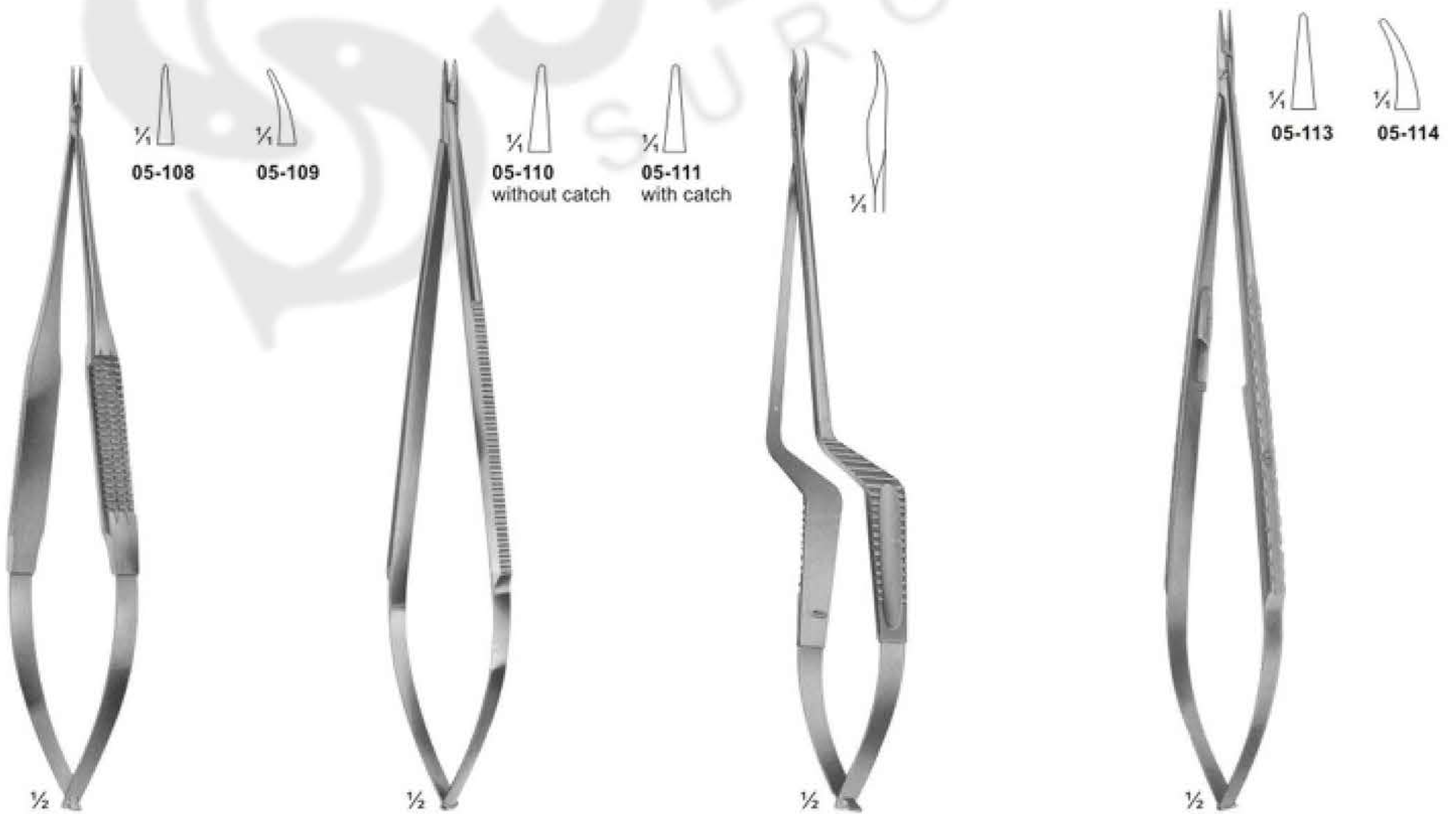
05-101
ROHRSCHEIDER
with copper inserts
100 mm

05-102
KALT
with catch
135 mm

05-103
ARRUGA
with catch
135 mm

05-104 - 105
CASTROVIEJO
with catch
145 mm

05-106 - 107
without Catch
160 mm



05-108 - 109
without catch
185 mm

05-110 - 111
JACOBSON
185 mm

05-112
without catch
195 mm

05-113 - 114
YASARGIL
with catch
200 mm

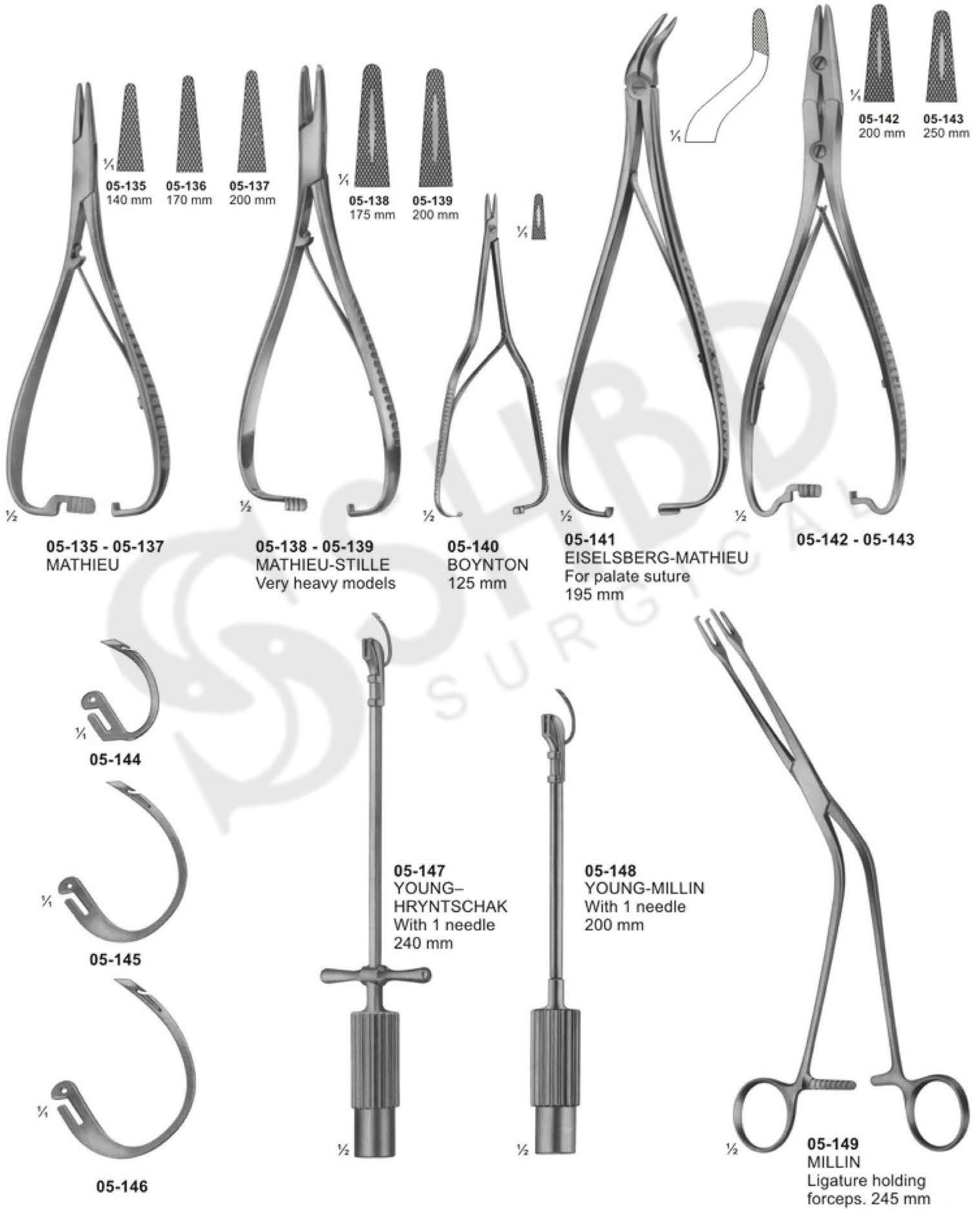
Needle Holders



Needle Holders



Needle Holders



Suture Instruments - Reverdin Needles



Probes



Probes



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

1/2

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



1,5 mm

1/2

05-177
Myrtle leaf probe
145 mm



2,0 mm

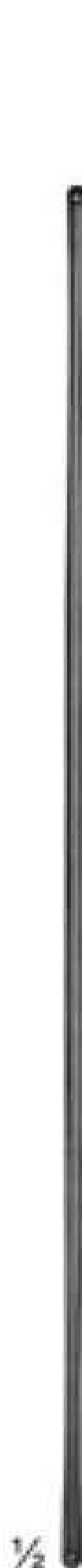
1/2

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



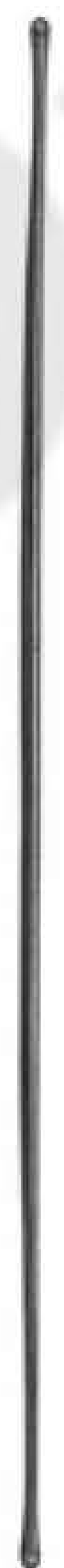
1/2

05-183
Probes



1/2

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



05-185

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



1/4

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



1/2

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

Suturing Instrument Set, Pocket Instrument Set



05-190

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



05-191

Pocket instrument set, in metal case consisting of:

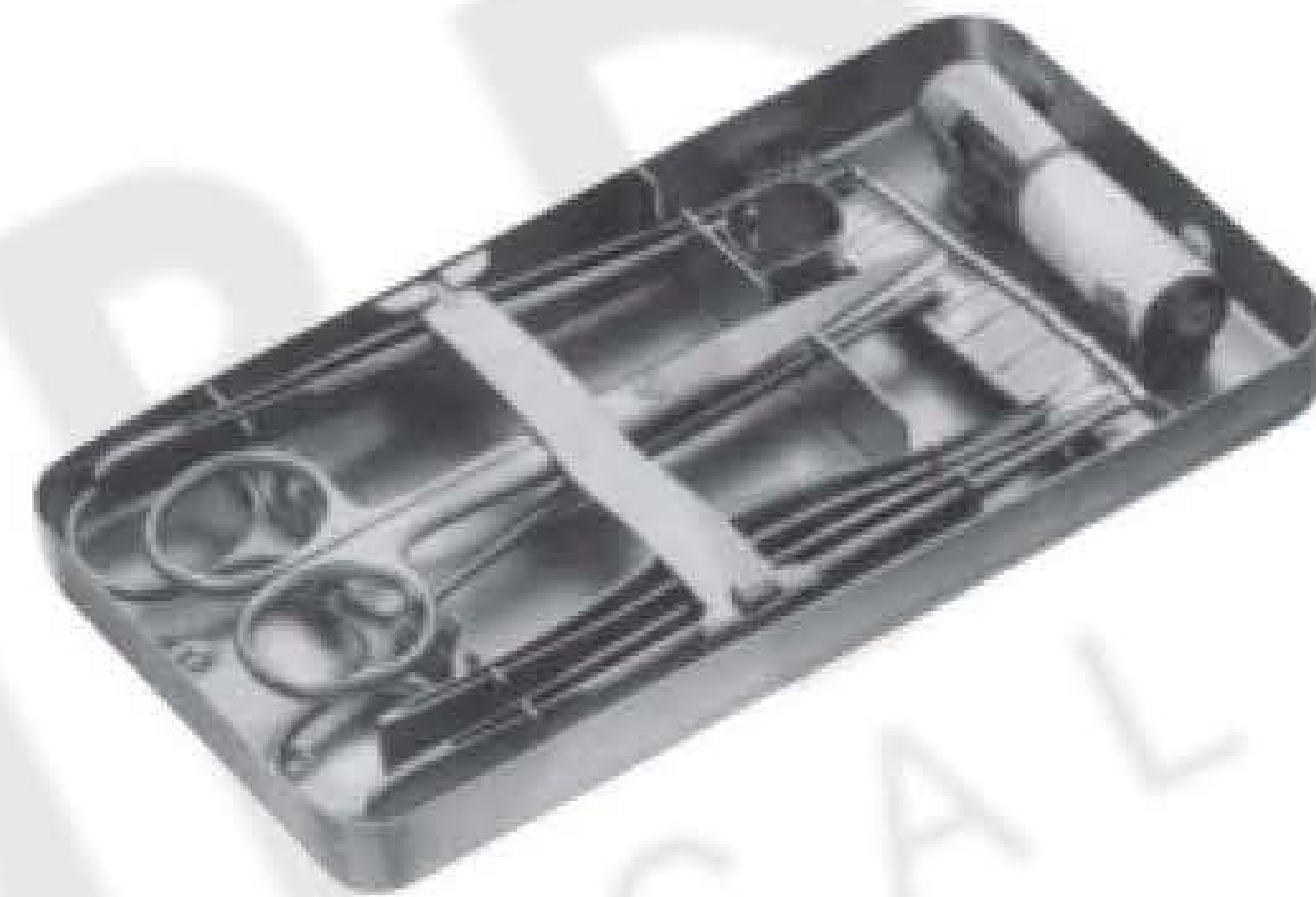
Bottom tray

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



Top tray

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



05-192

Pocket instrument set, in metal case consisting of:

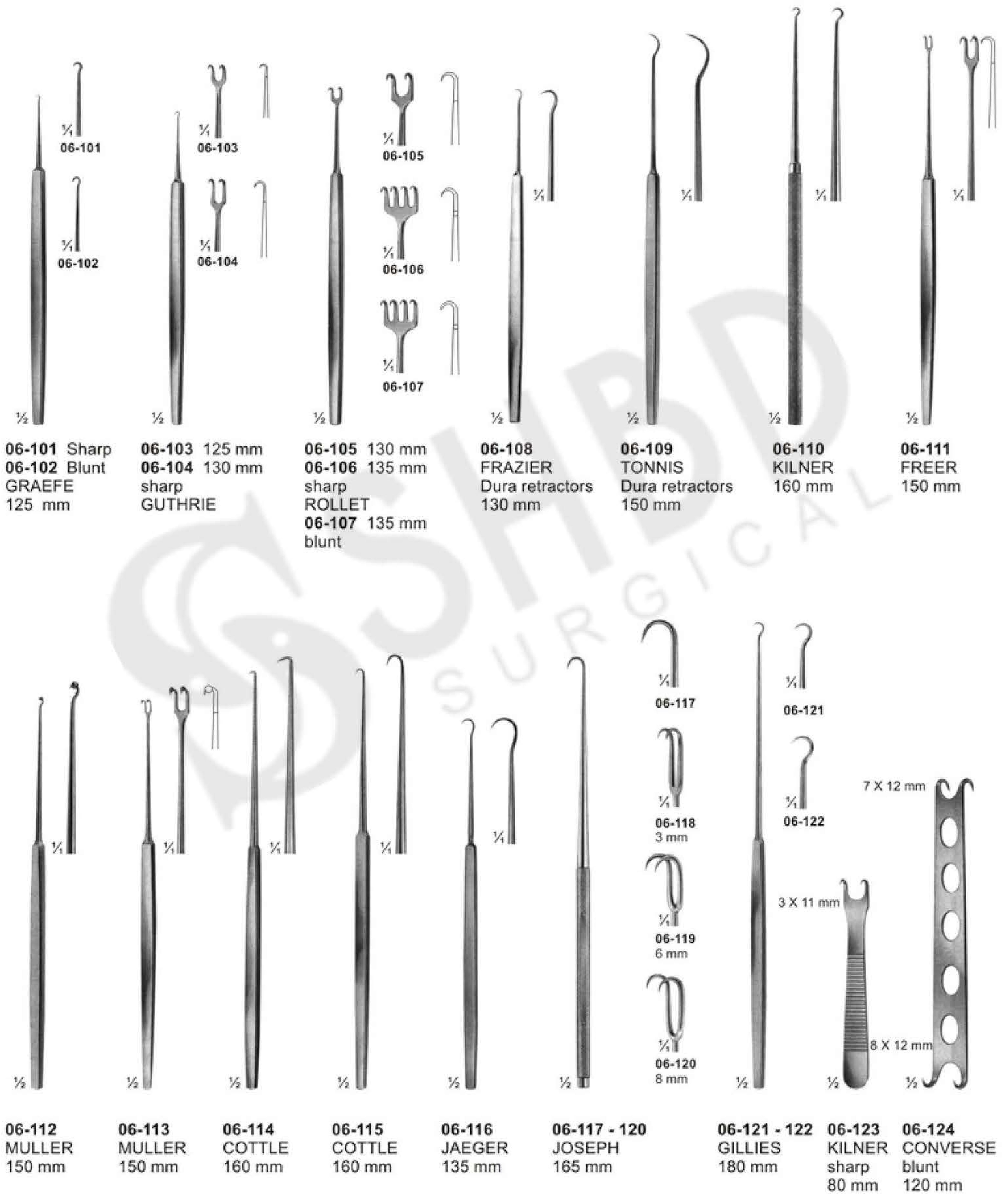
Bottom tray

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

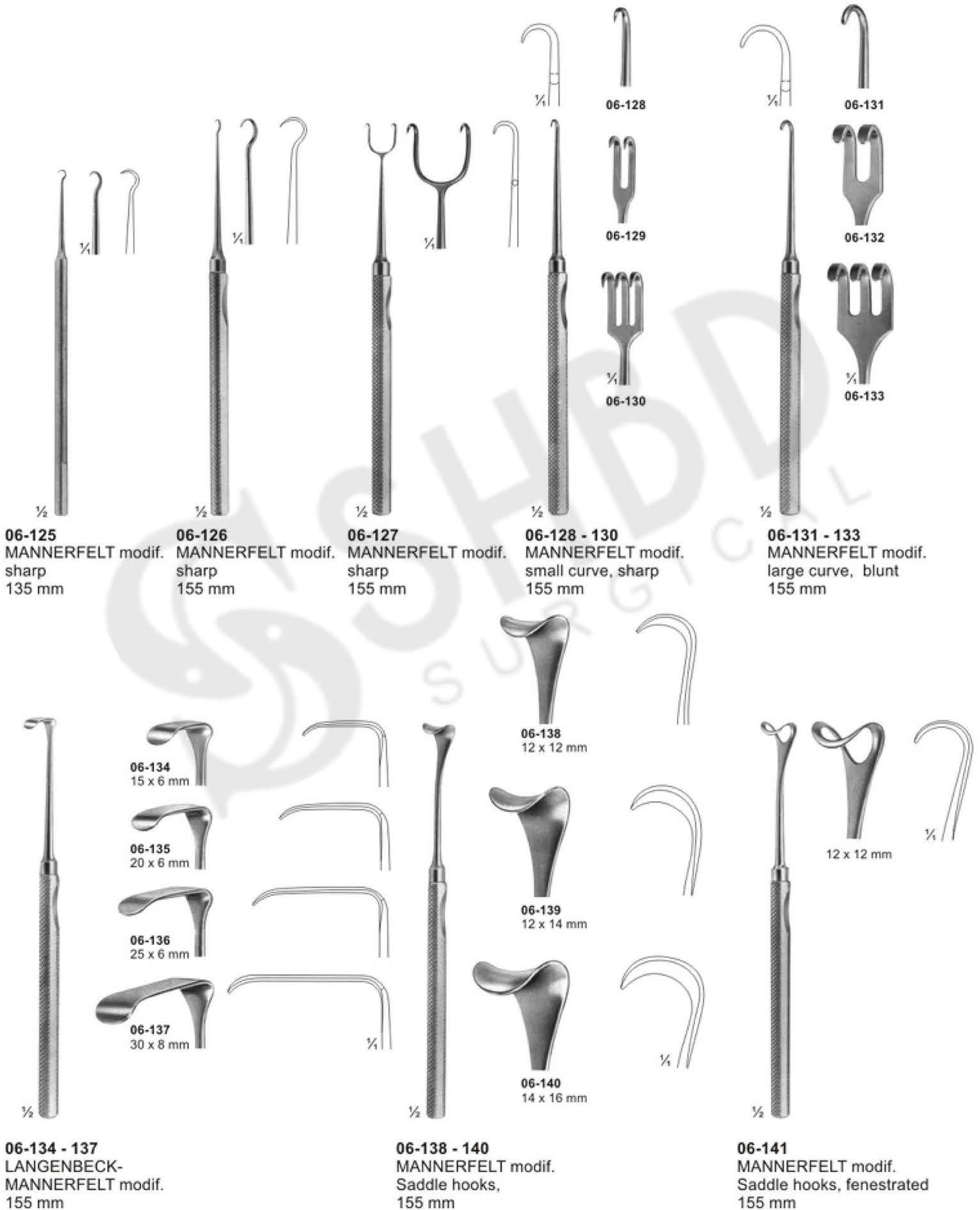
Top tray

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

Fine Wound Retractors (Dura- and Skin Retractors)



Retractors With treangle handle



Retractors



Retractors



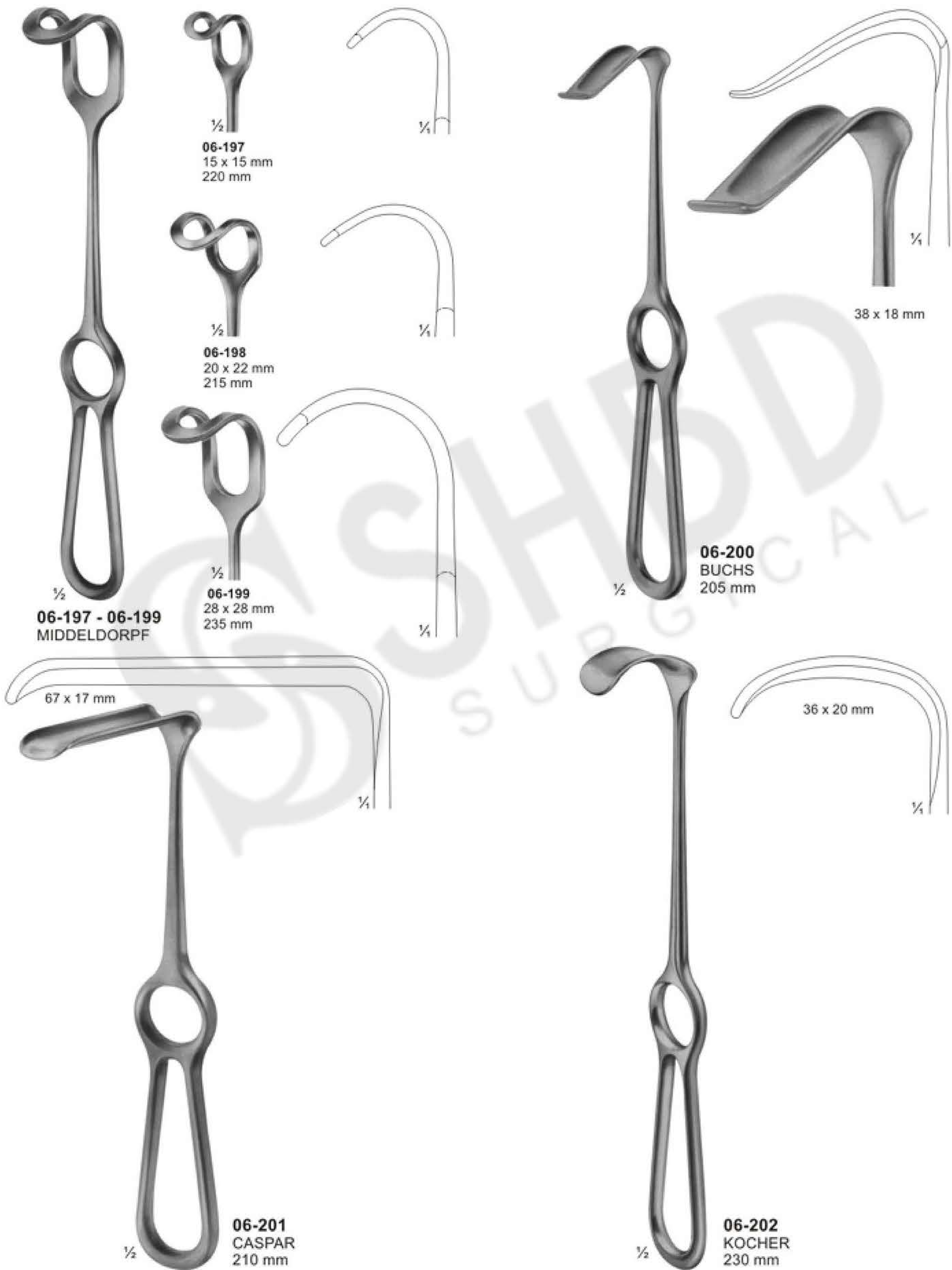
Retractors



Bone Retractors and Retractors



Retractors



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 |

1/2



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

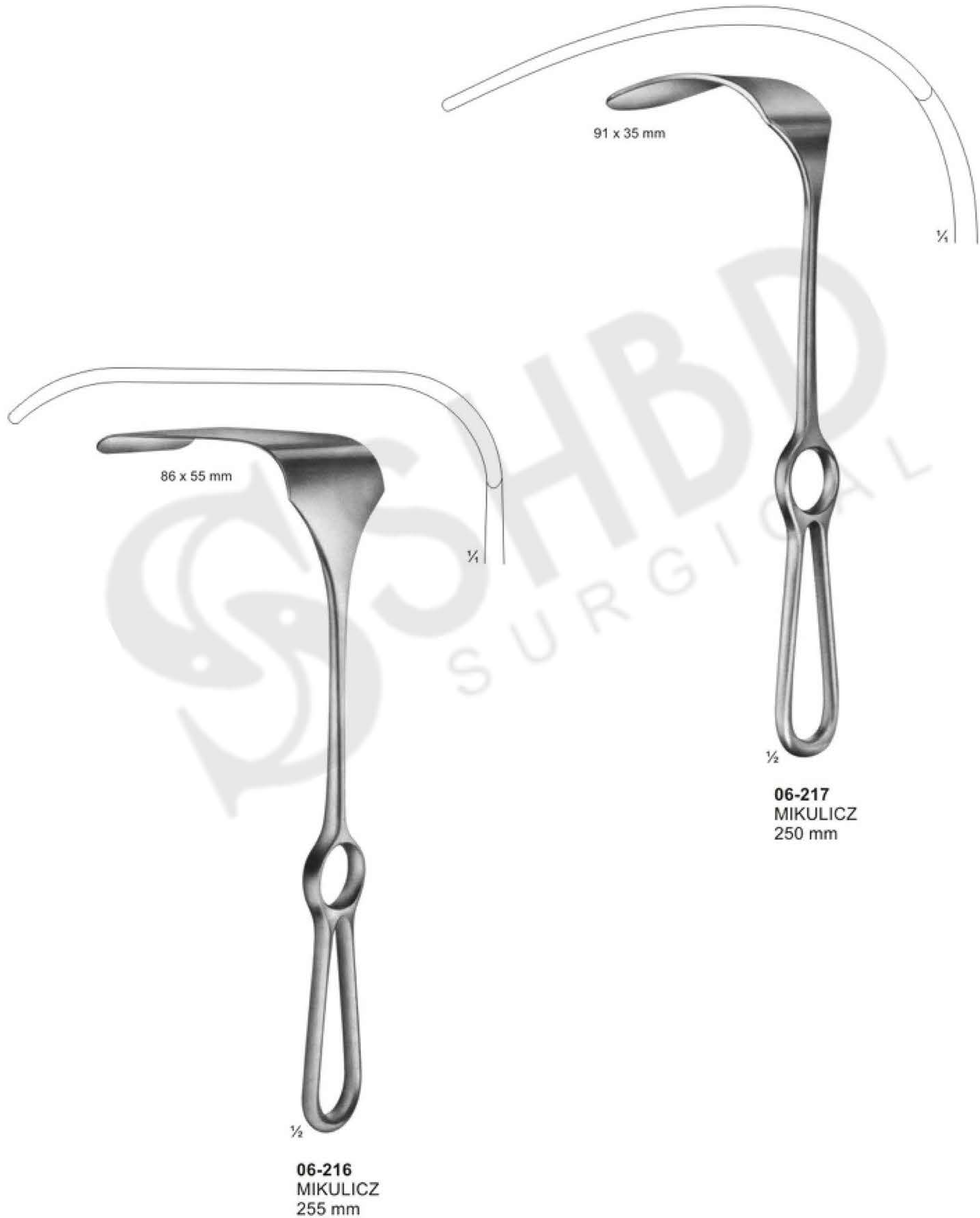
Handle arrange-
ment verriable

1/2

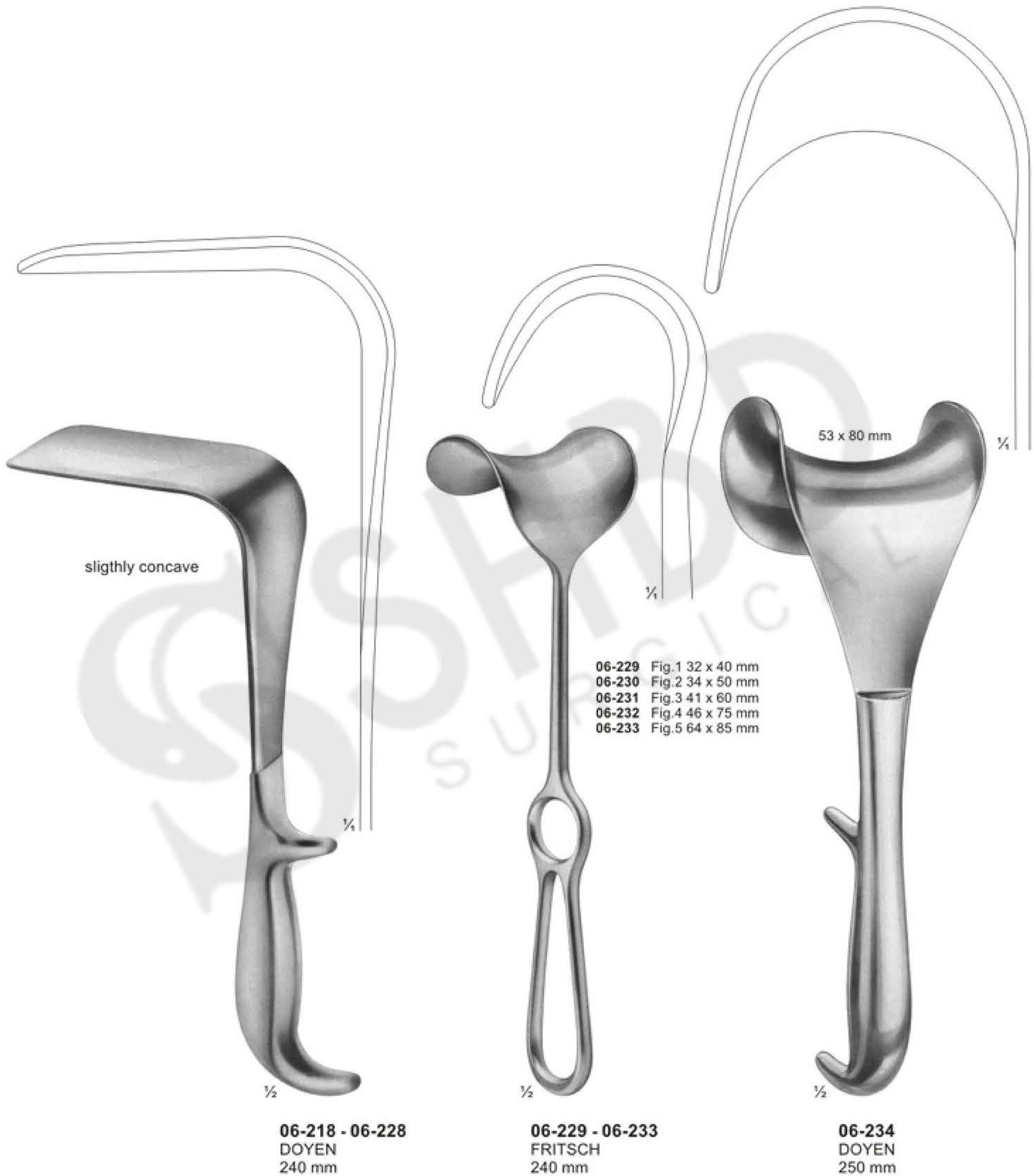
Retractors, Lung Spatulas



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



Retractors, Abdominal Retractors



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

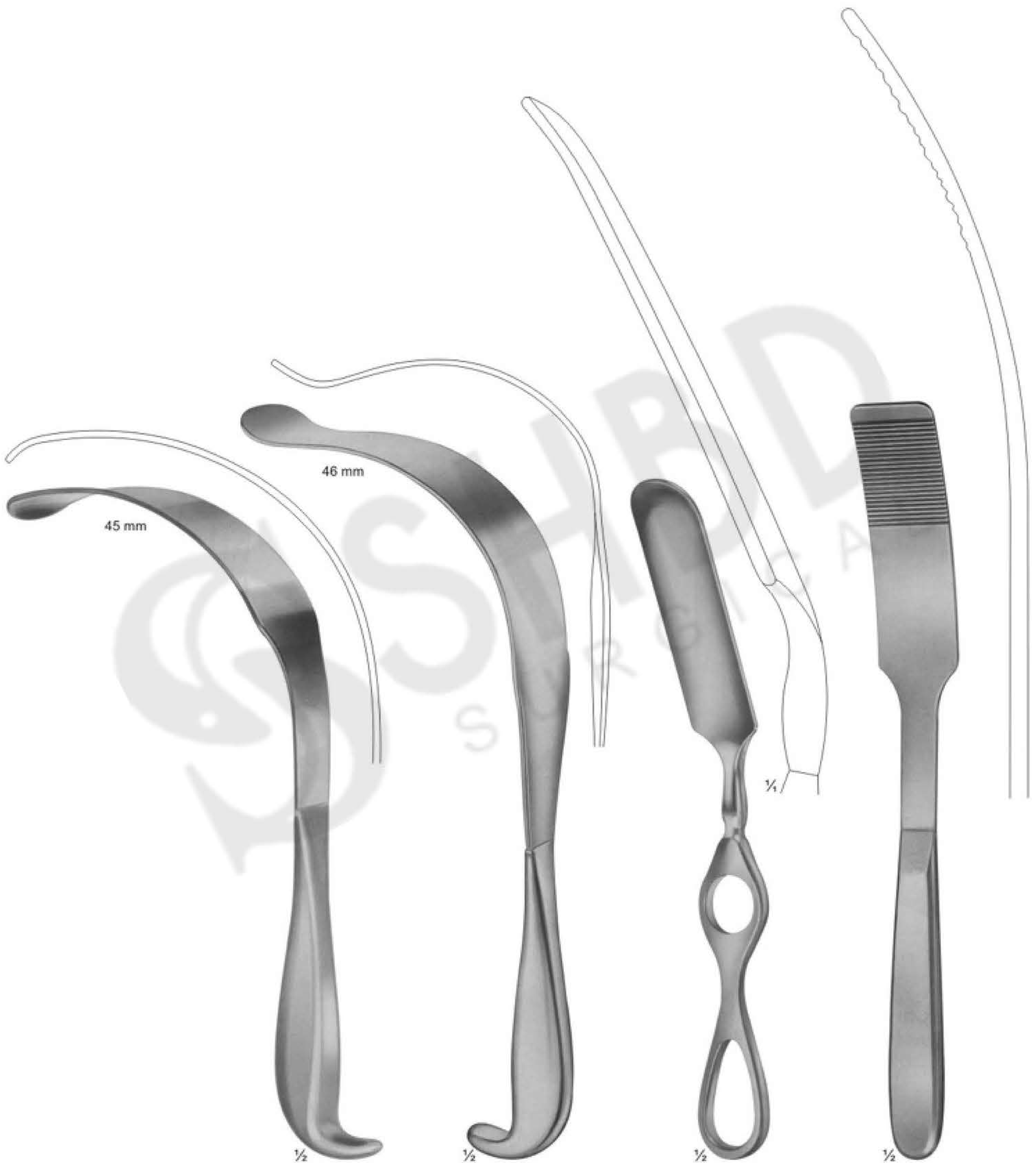
06-218 - 06-228
DOYEN
240 mm

06-229 - 06-233
FRITSCH
240 mm

06-234
DOYEN
250 mm

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

Abdominal- and Intestinal Spatulas Bauch- und Darmspatel



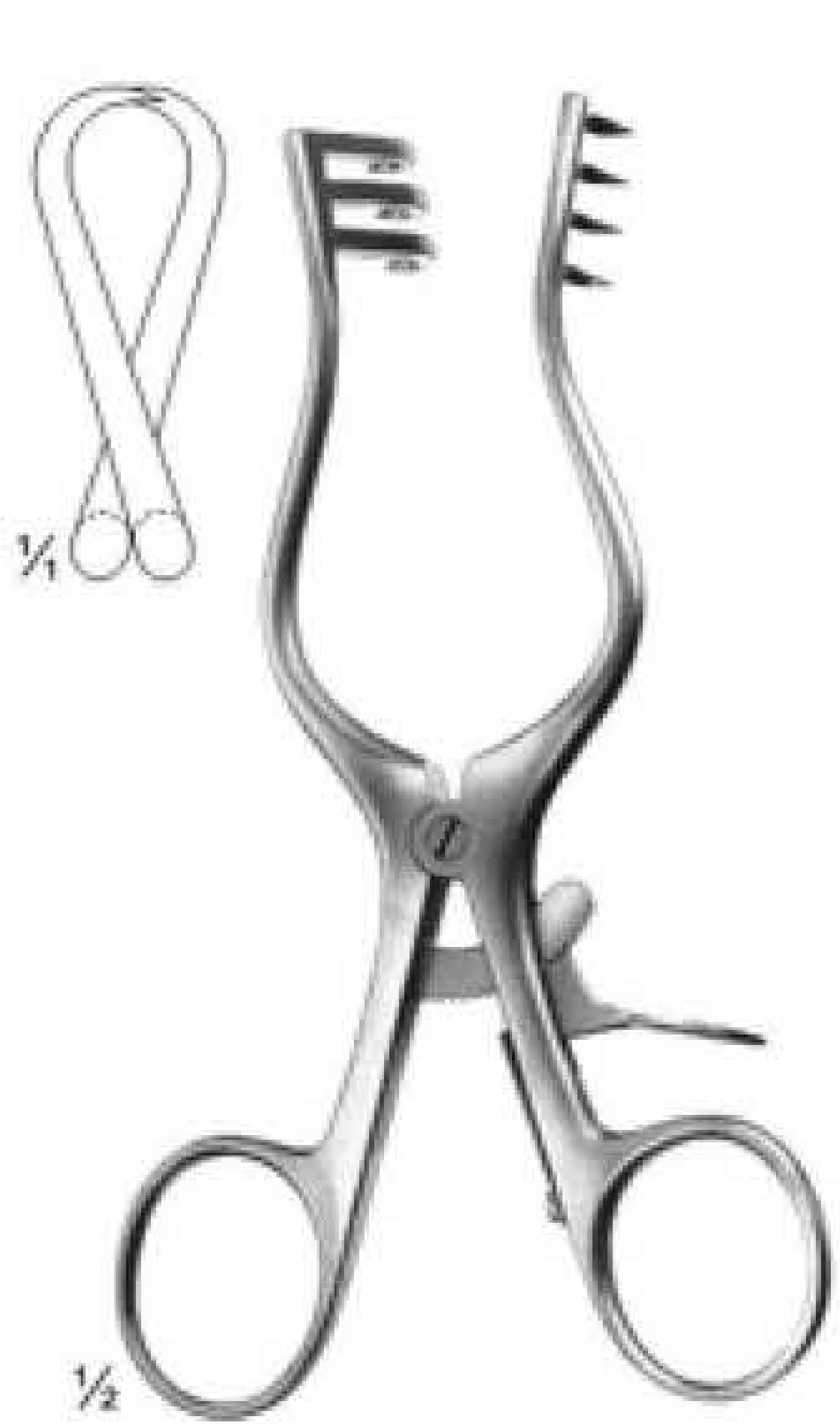
06-235
LERICHE
255 mm

06-236
KUMMEL
Mealleable
285 mm

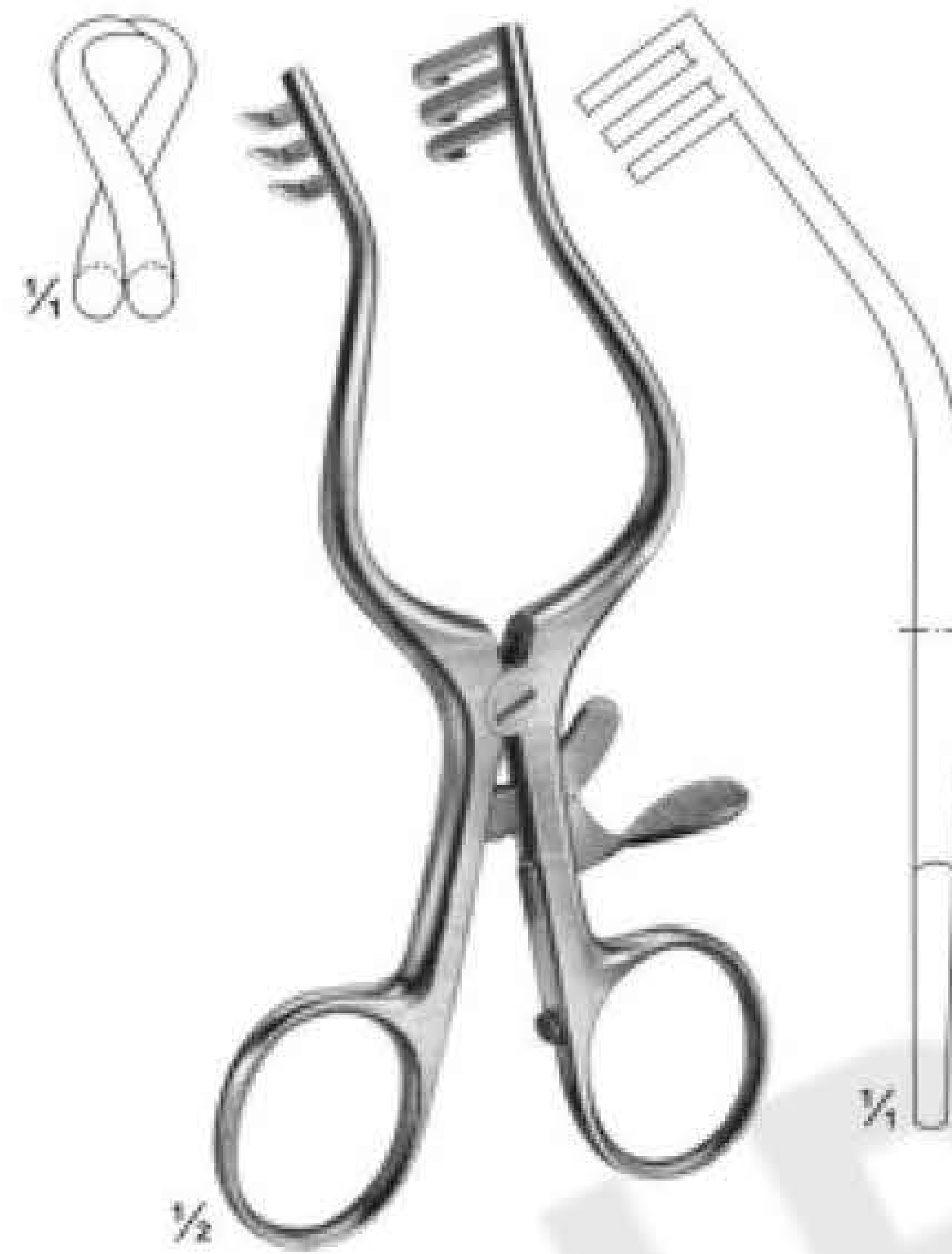
06-237
MIKULICZ
29 mm
250 mm

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

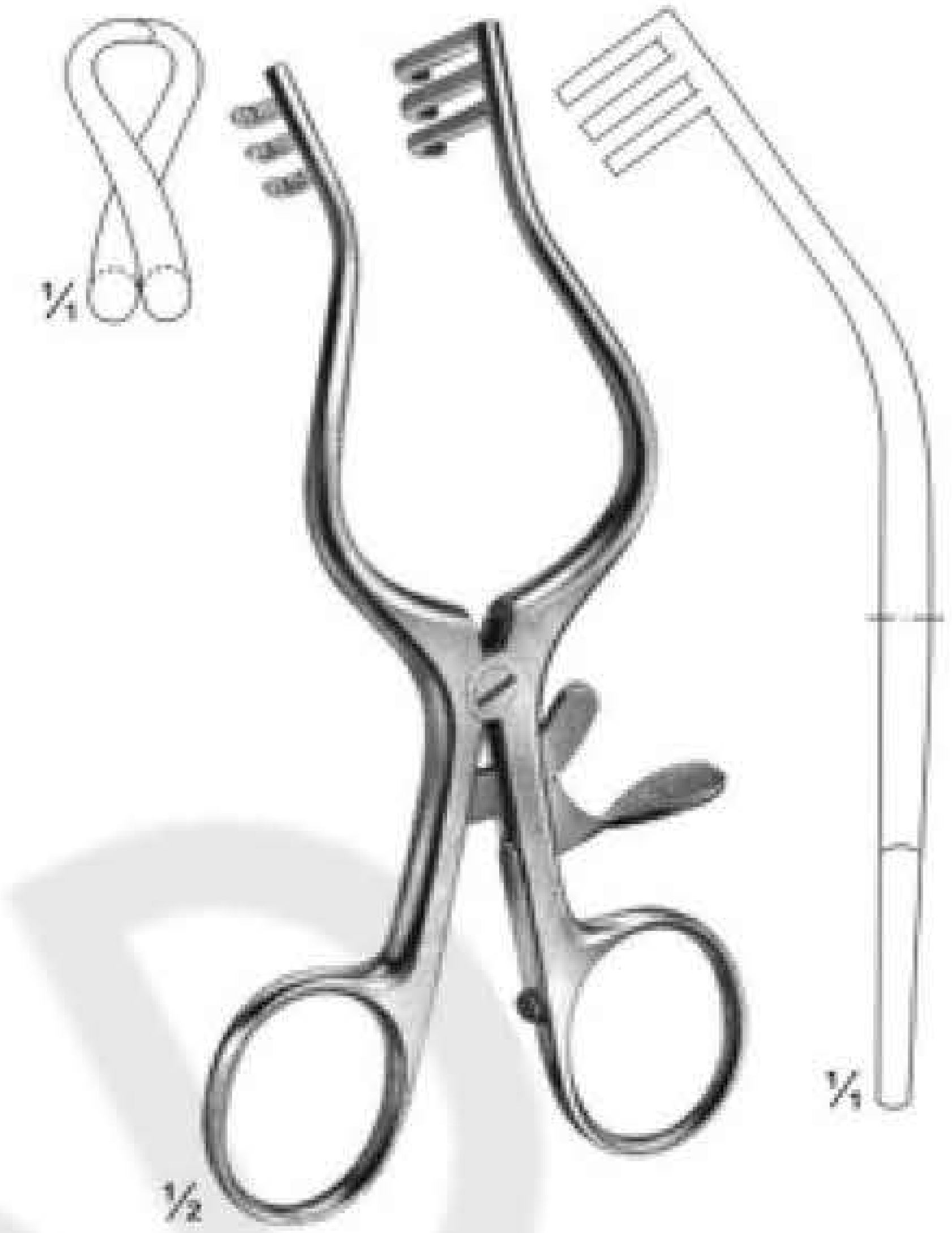
Self-Retaining Retractors



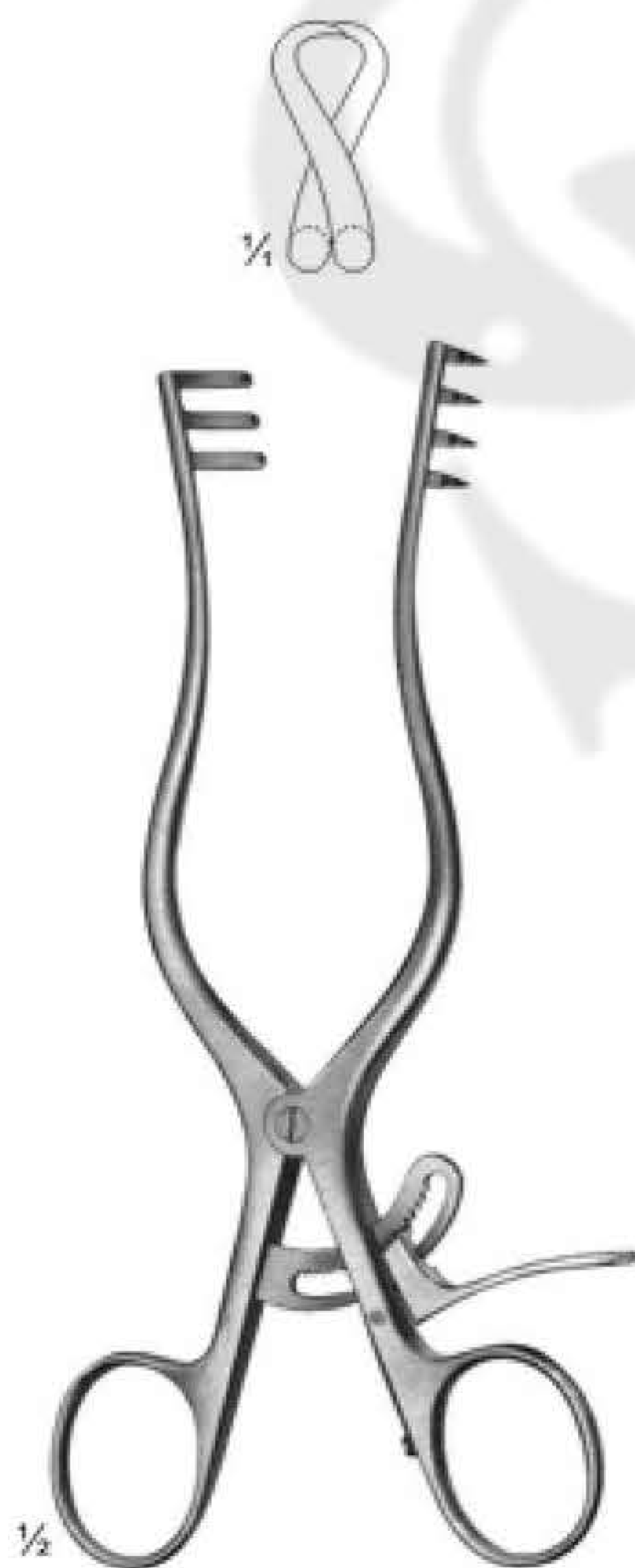
06-240
WEITLANER
sharp
130 mm



06-241
WULLSTEIN
sharp
130 mm



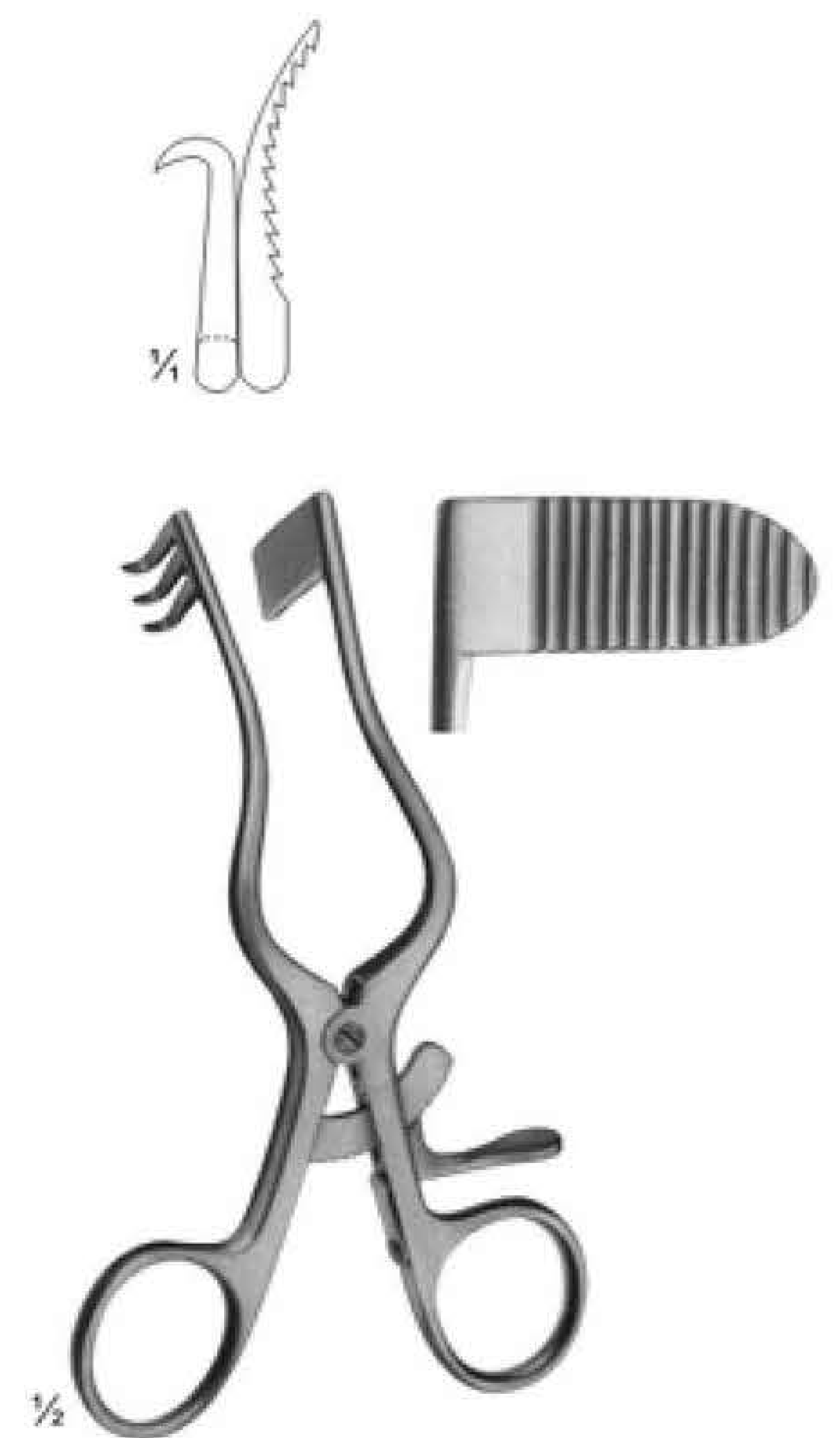
06-242
WULLSTEIN
blunt
130 mm



06-243
WEITLANER
sharp
165 mm



06-244
PLESTER
blunt
110 mm



06-245
PERKINS
blunt
130 mm

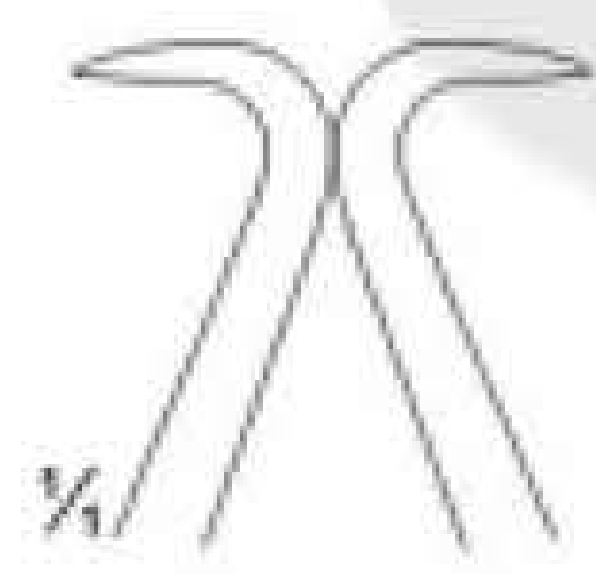
Special Retractors



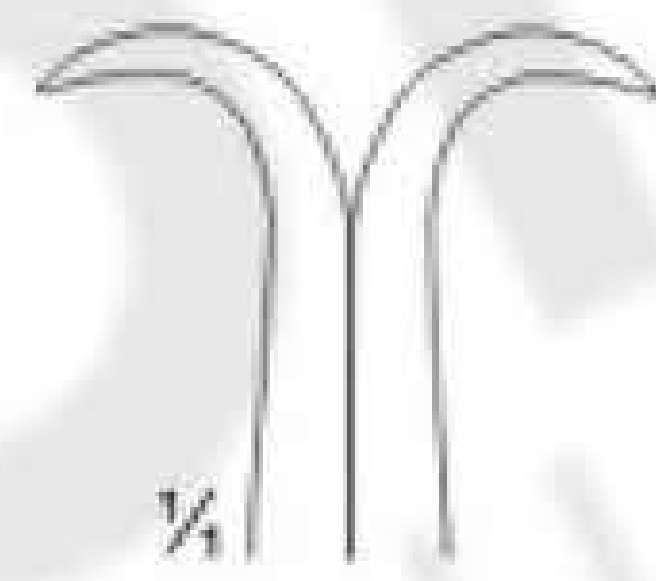
06-246
JOLL (FRIEDMAN)
Thyroid- and vaginal retractor
155 mm



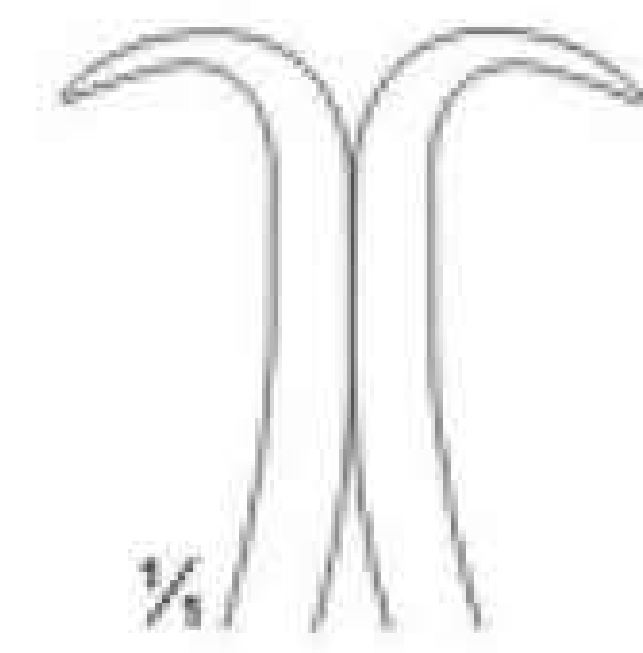
06-247
JACKSON BURROWS
Retractor, blunt
185 mm



06-248
GELPI
Vaginal retractor
135 mm



06-249
GELPI
Skin- and vaginal retractor
175 mm



06-250
DE BAKEY
Femur retractor
145 mm

Lamina Spreaders



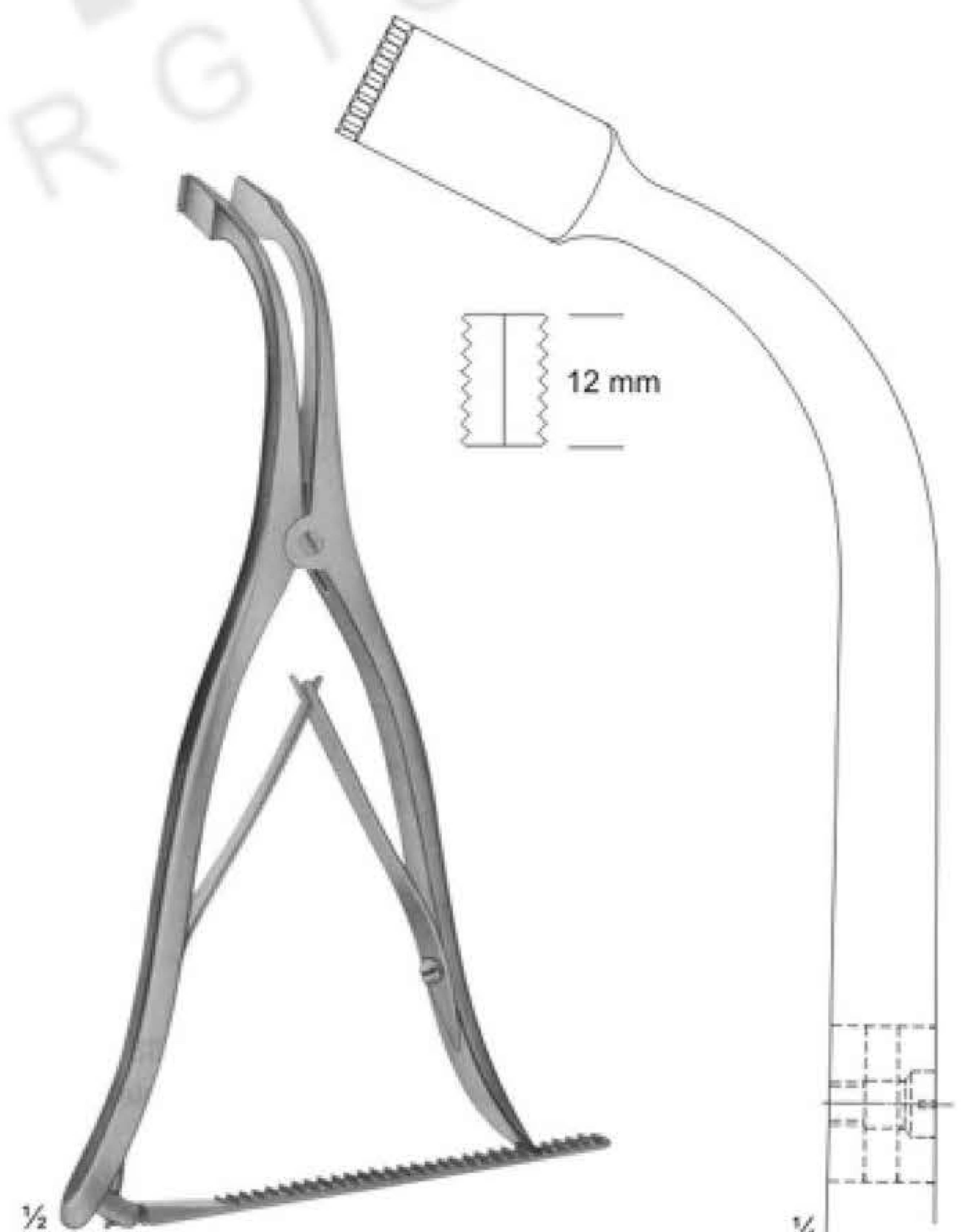
06-251
CLOWARD
155 mm



06-252
CLOWARD
135 mm



06-253
INGE
170 mm

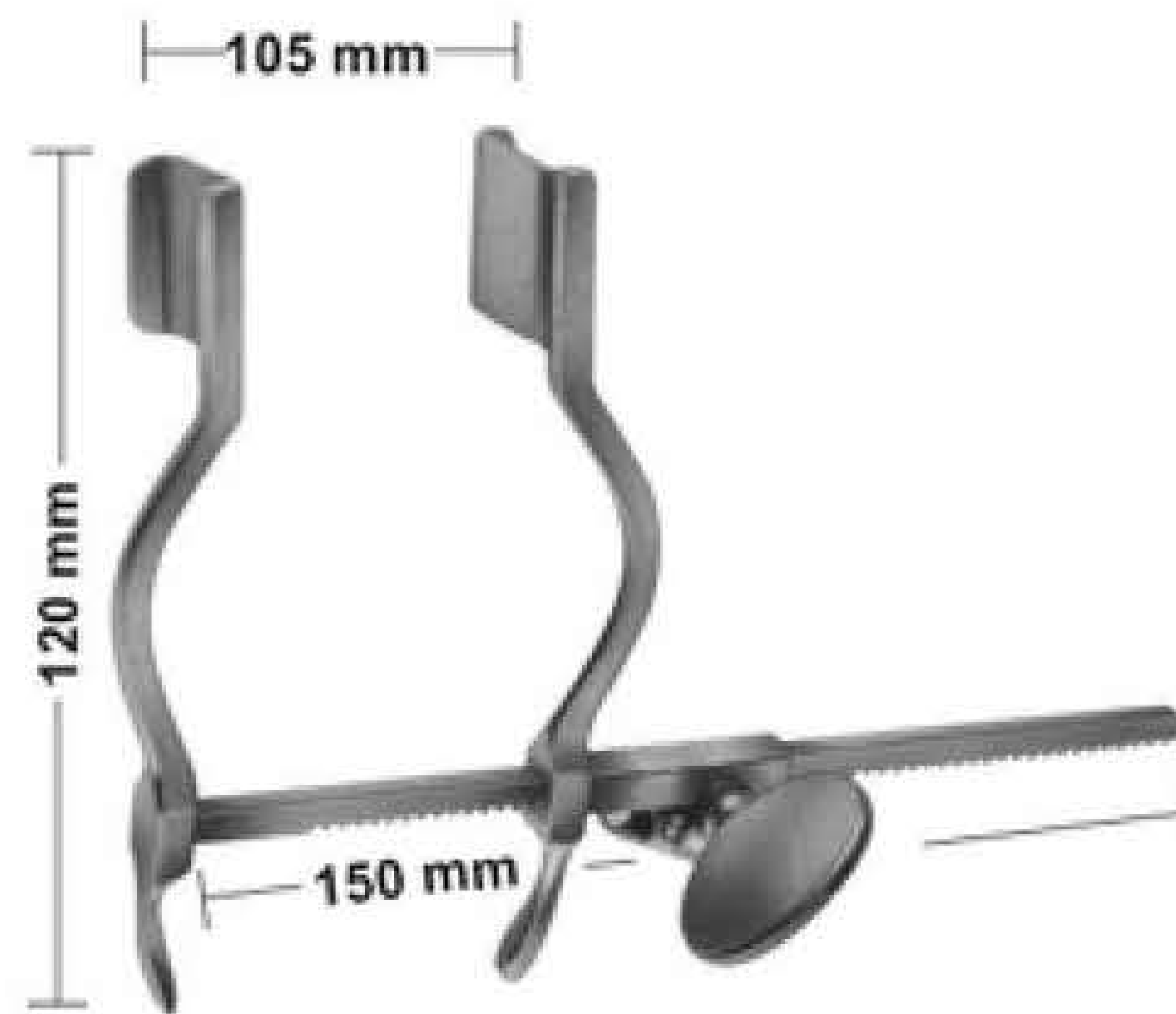


06-254
INGE
275 mm

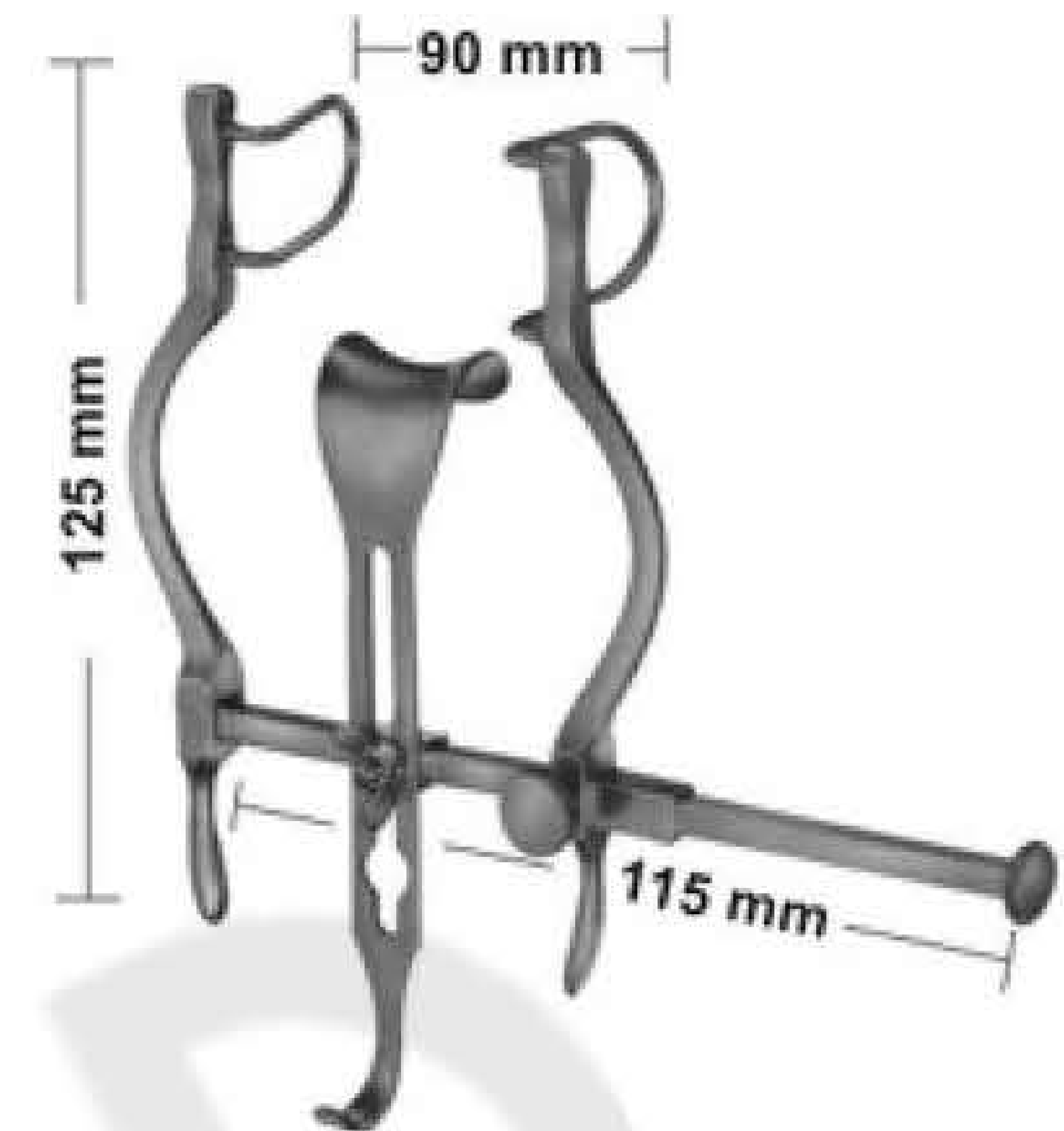
Abdominal Retractors



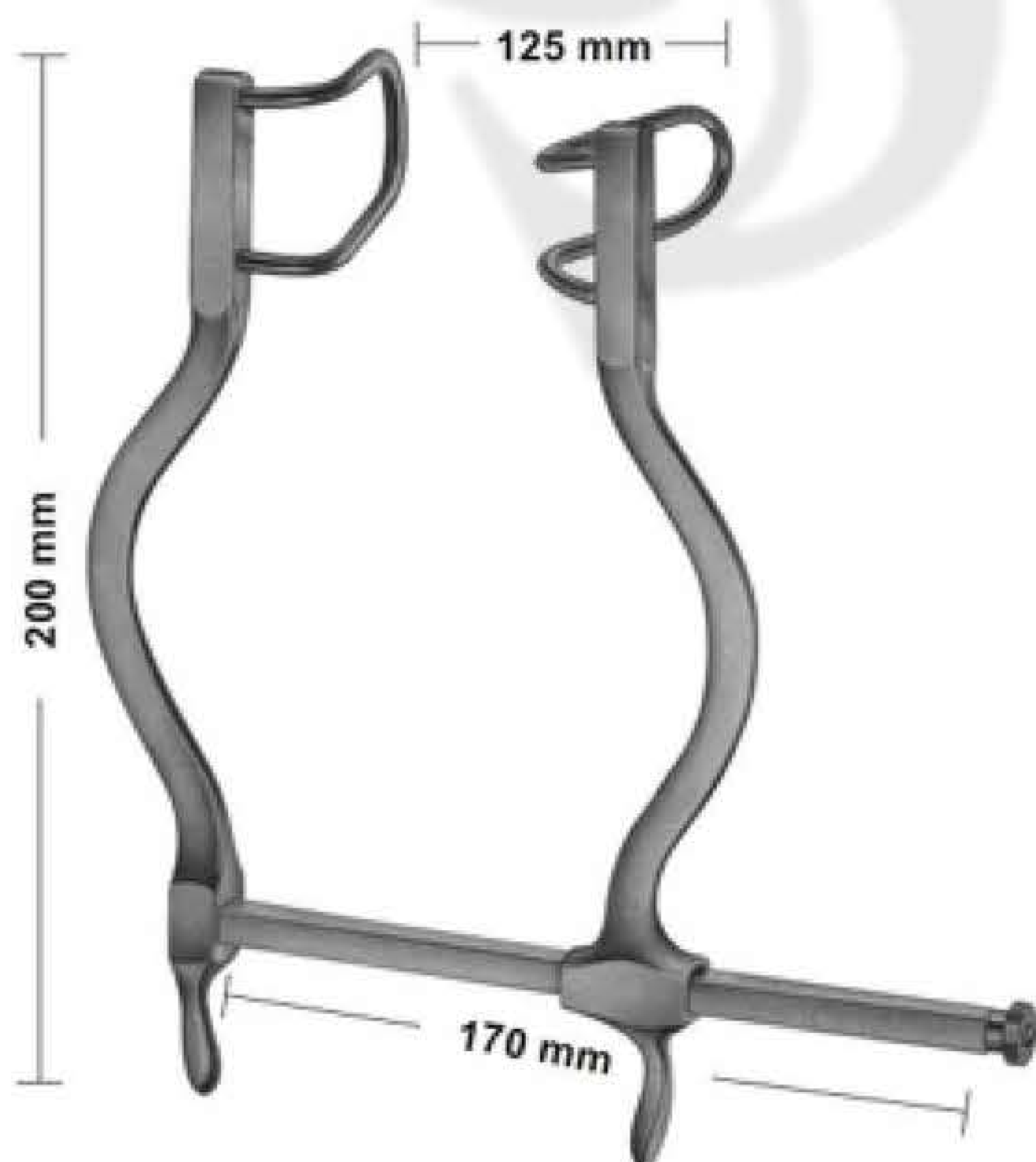
06-255
GOSSET
Blades: 38 mm deep



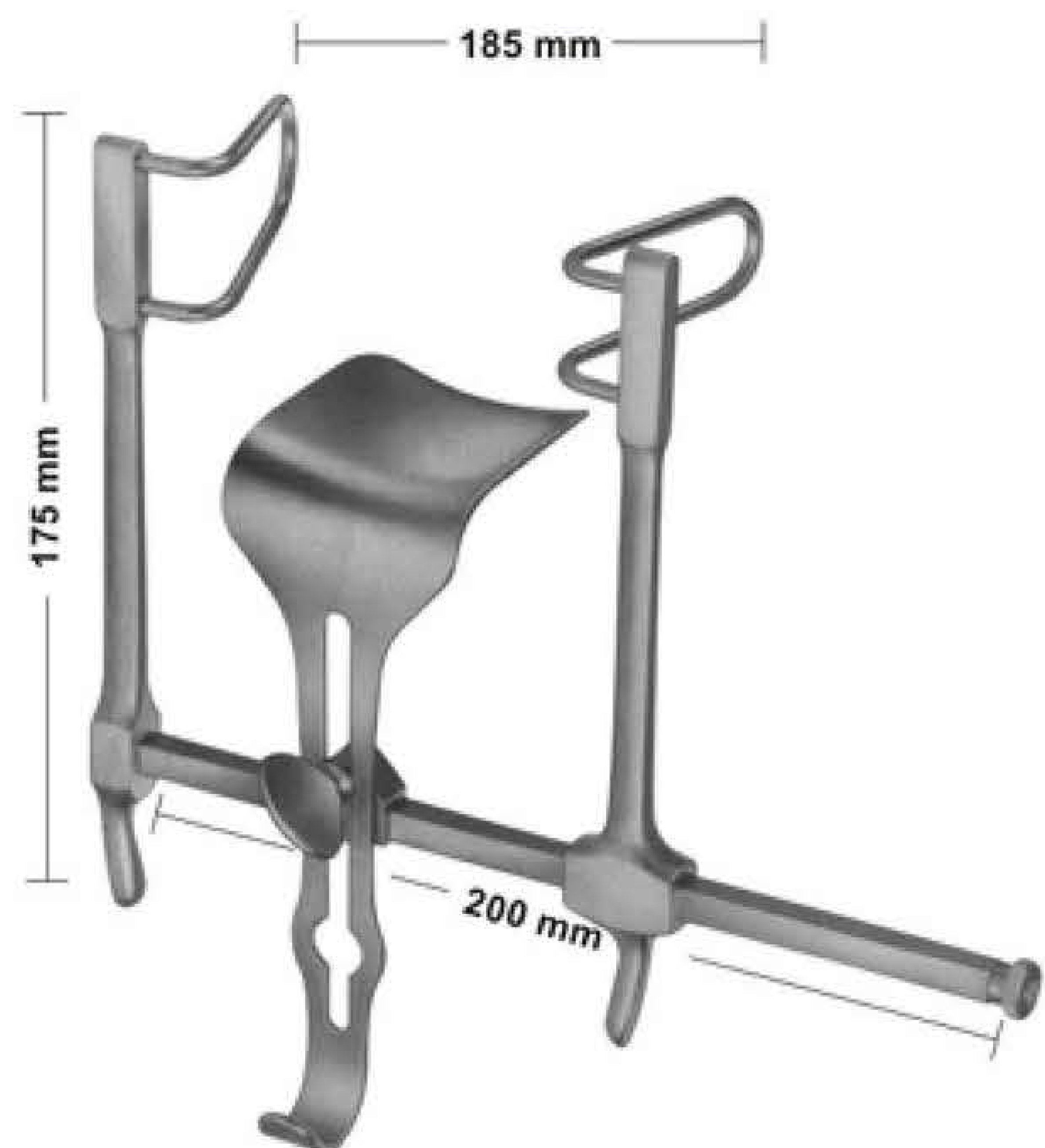
06-256
HERTZLER
Blades 20 X 25 mm



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

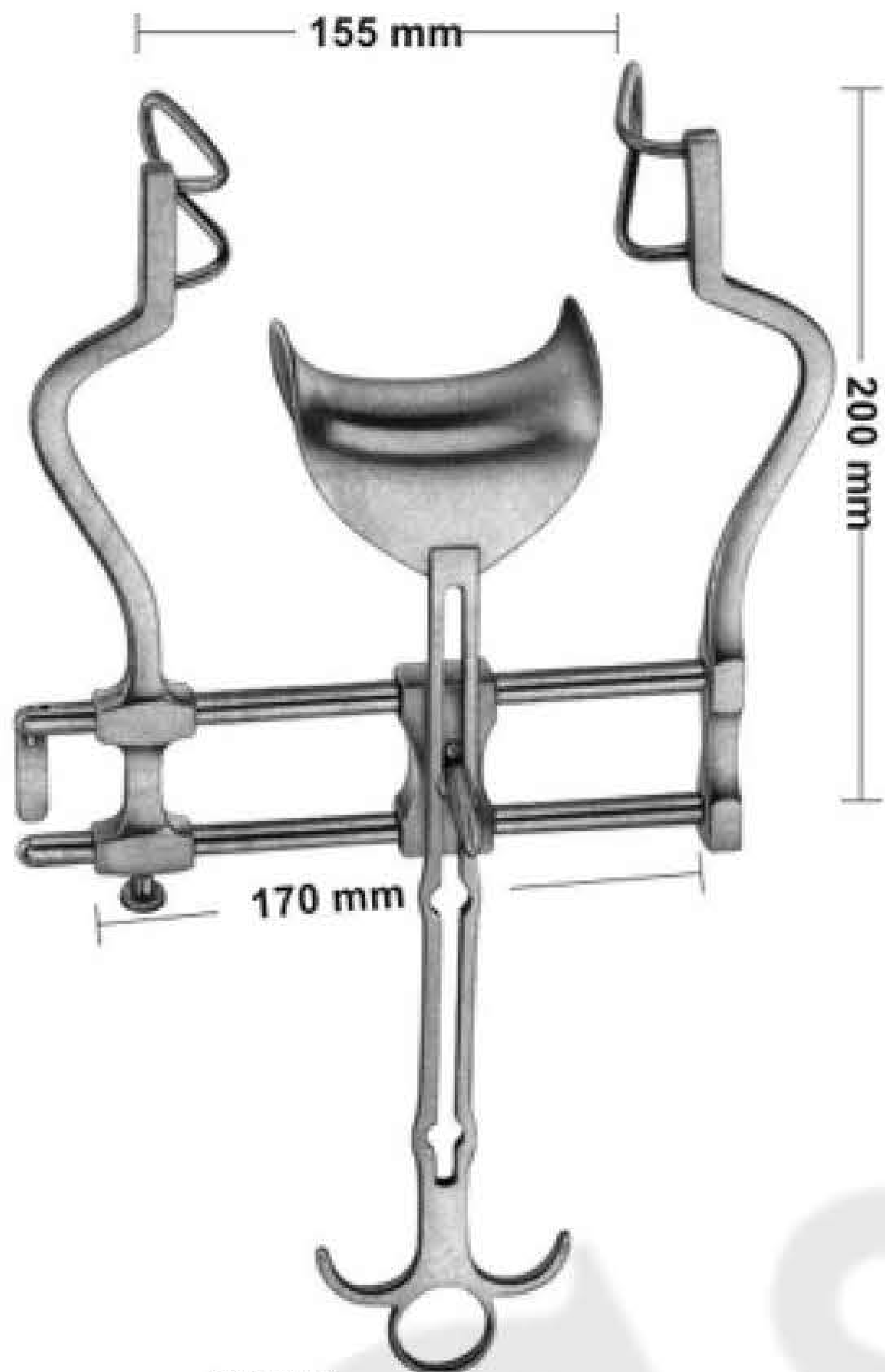


06-258
GOSSET
Blades: 55 mm deep

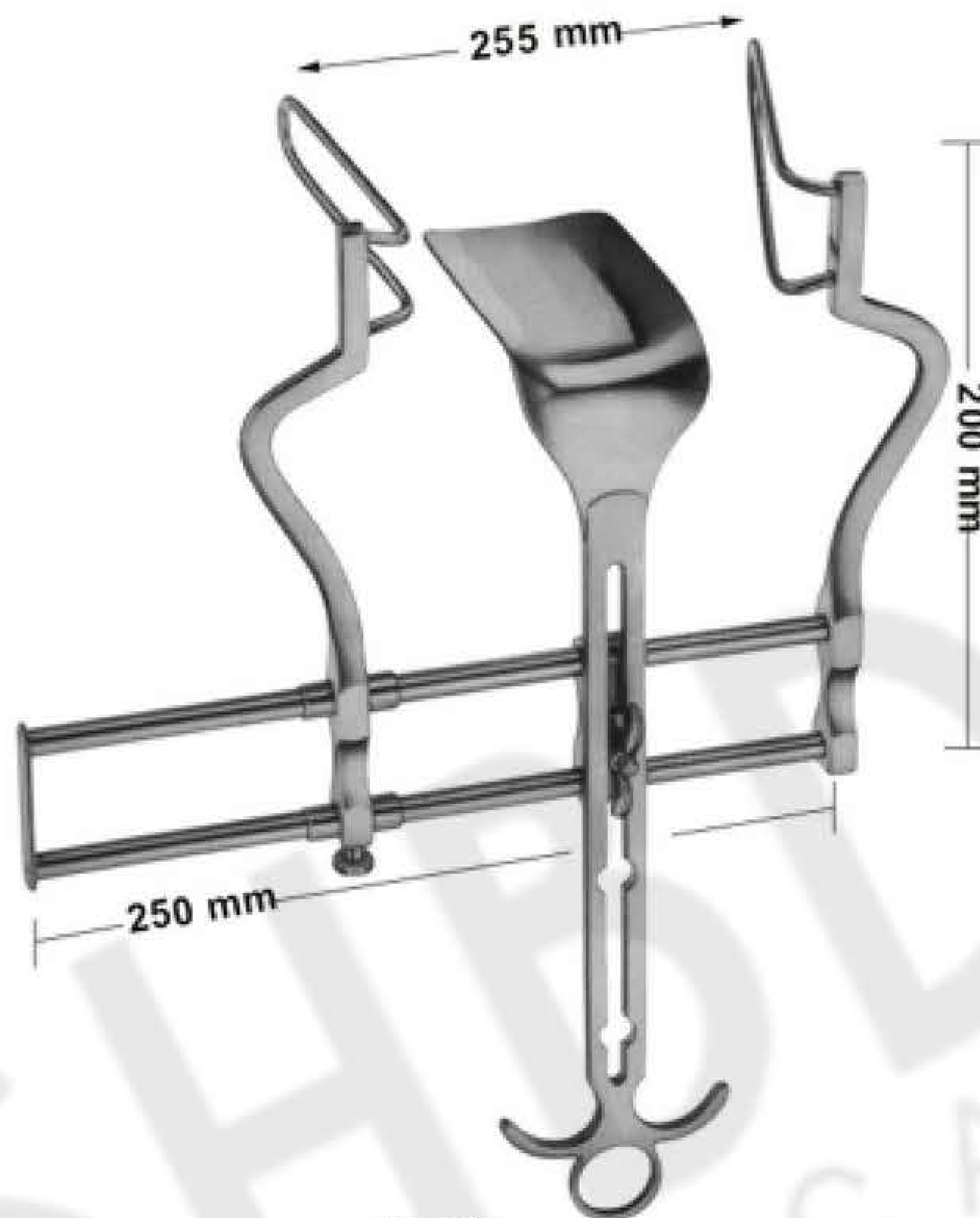


06-259
GOSSET
Lateral blades 58 mm deep
Center blade 59 x 57 mm

Abdominal Retractors



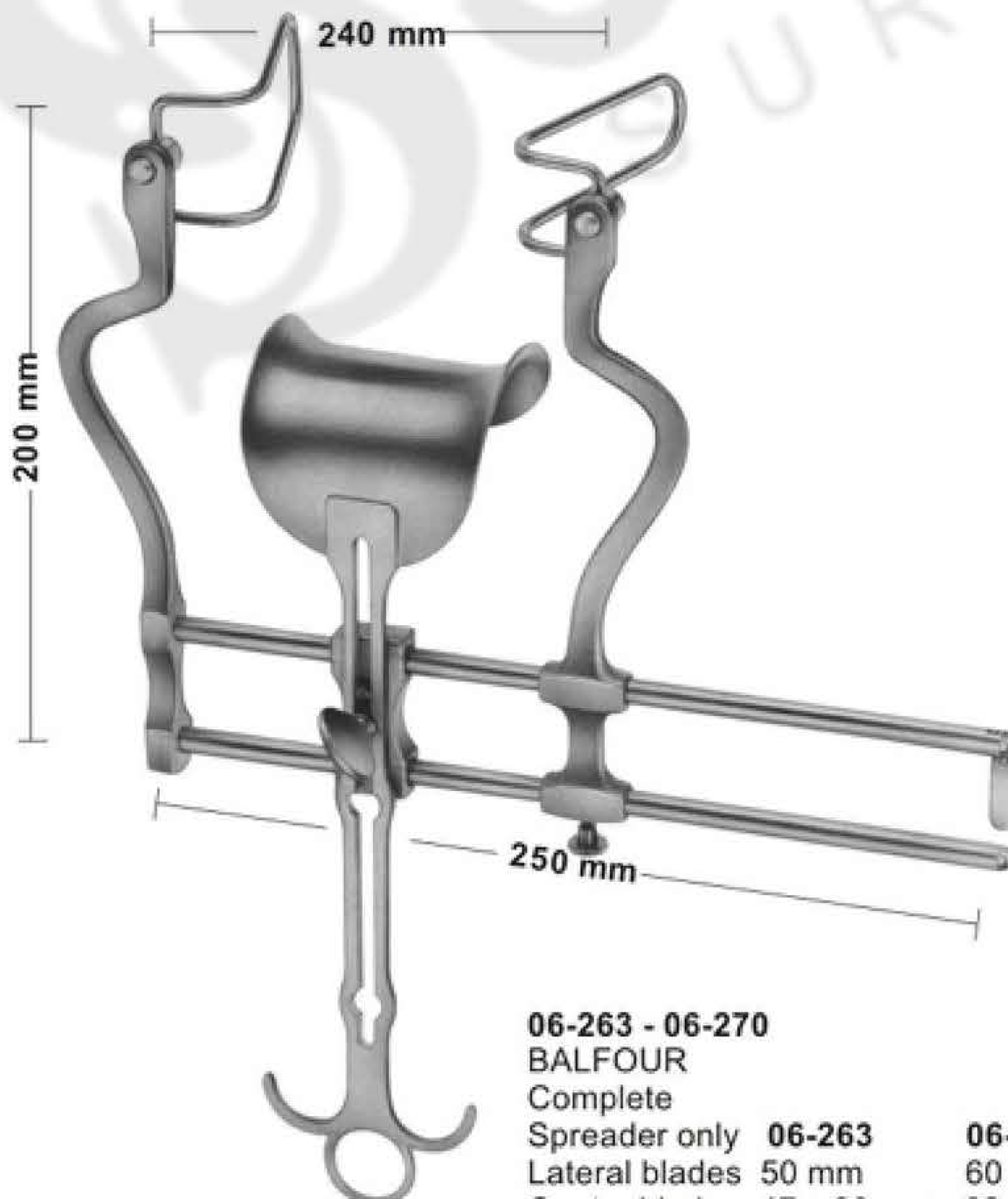
06-260
BALFOUR
Lateral blades 60 mm deep
Center blade 47 x 80 mm



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



06-262
Center blade only
54x80 mm



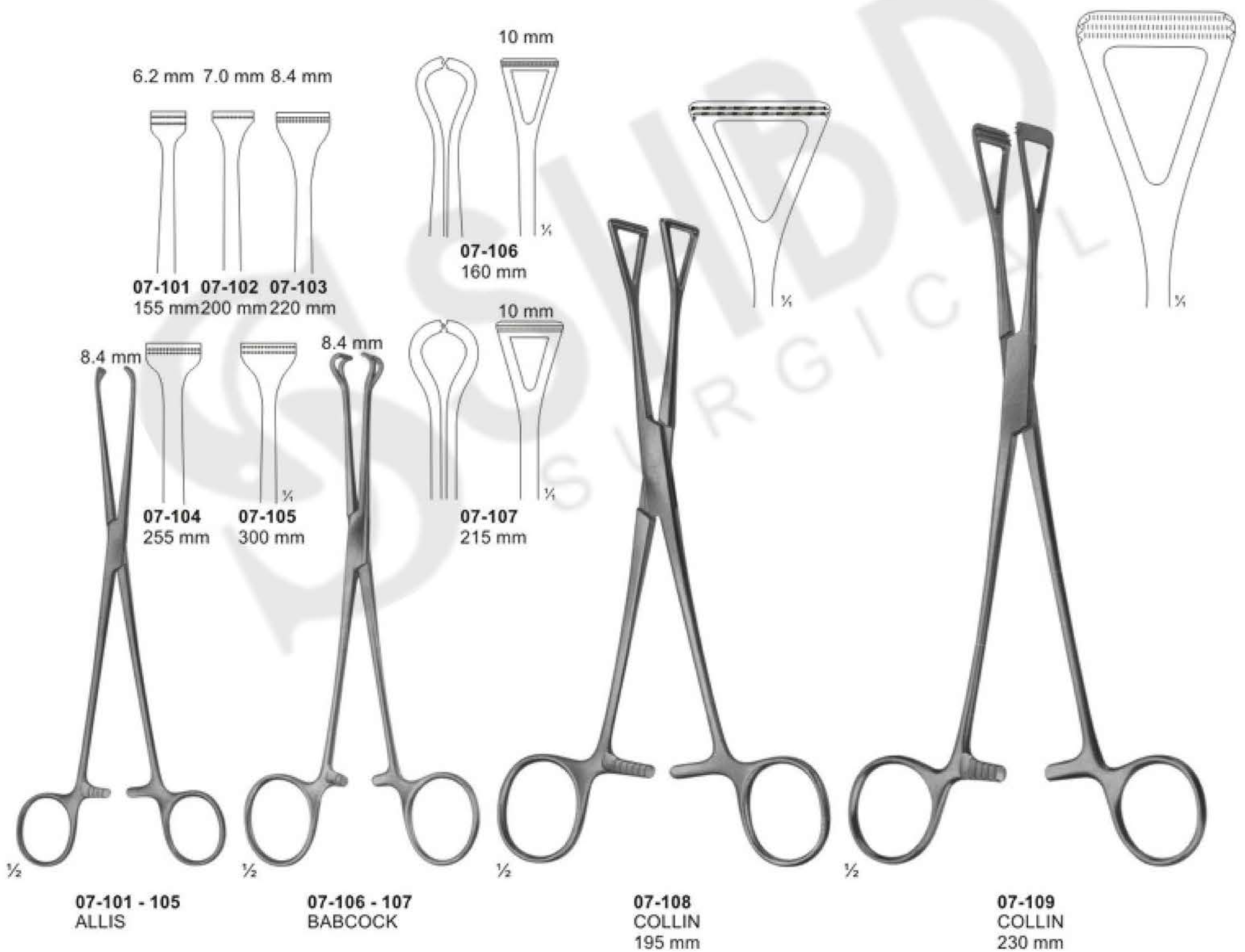
06-263 - 06-270
BALFOUR
Complete
Spreader only

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



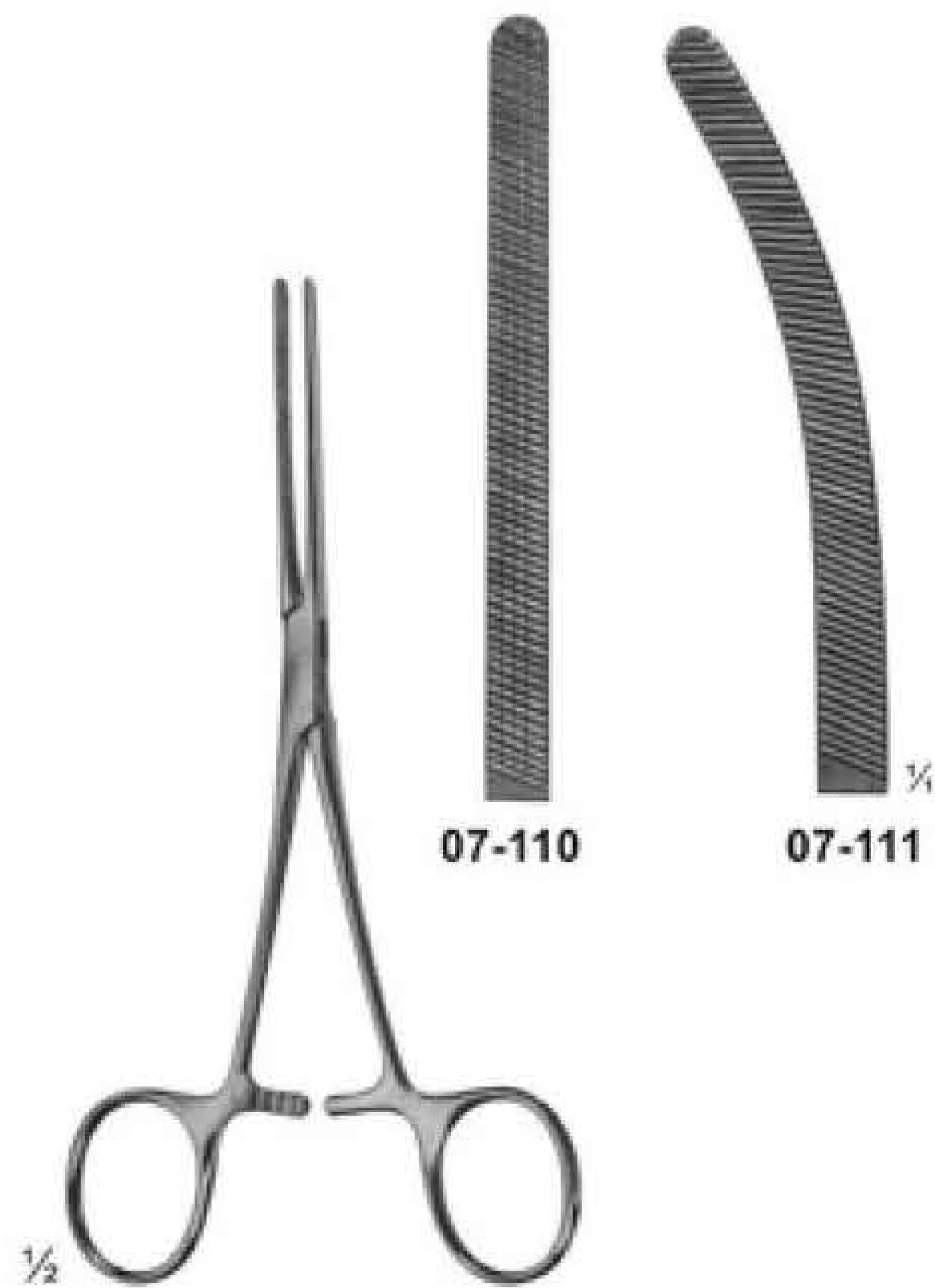
Lateral blades
06-267 50 mm deep
06-268 60 mm deep
06-269 75 mm deep
06-270 90 mm deep
Sales Unit of blades:PR = pair

Organ-, Tissue and Intestinal Grasping Forceps

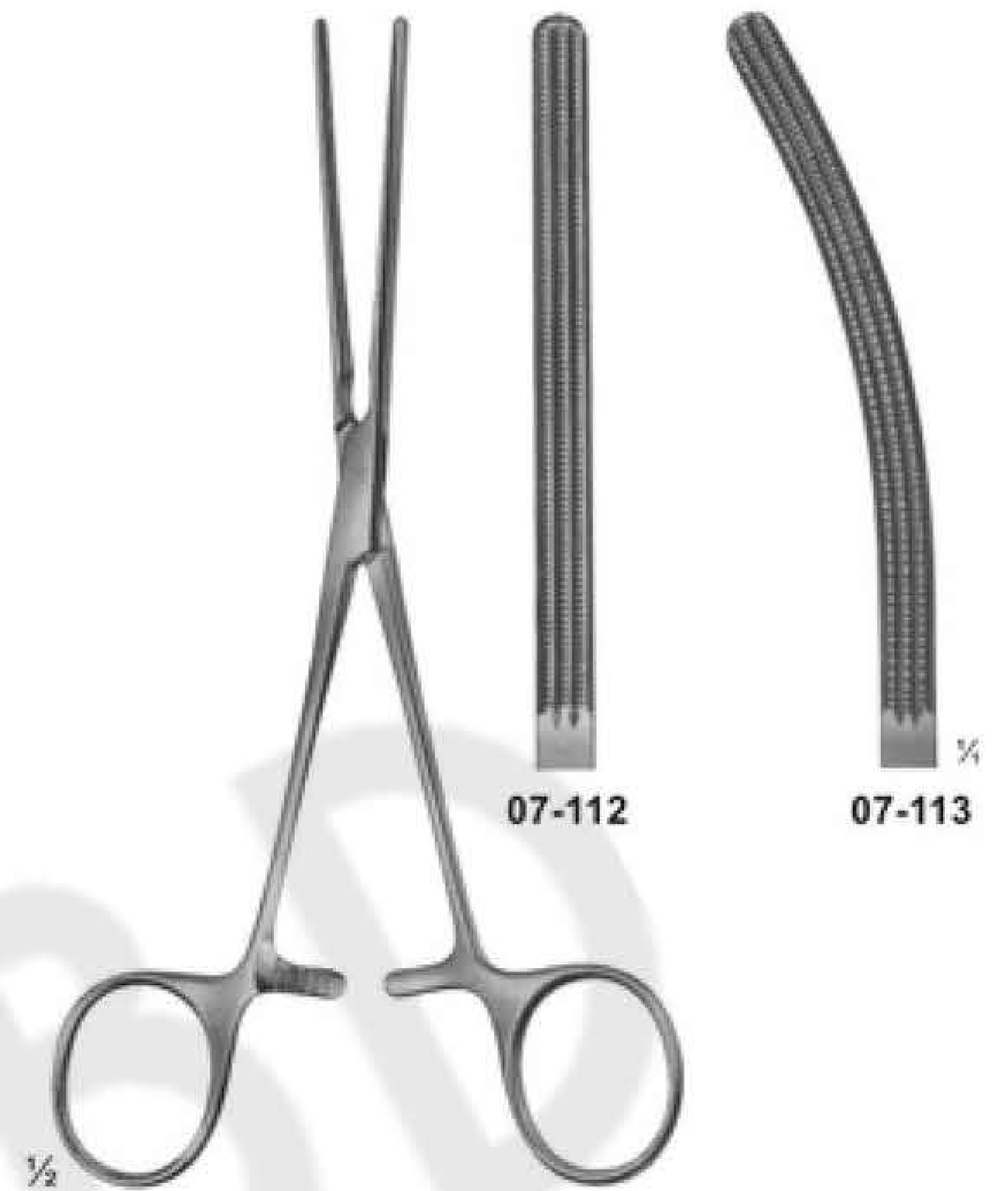


Intestinal Clamps, soft elastic

ATRAUMATA

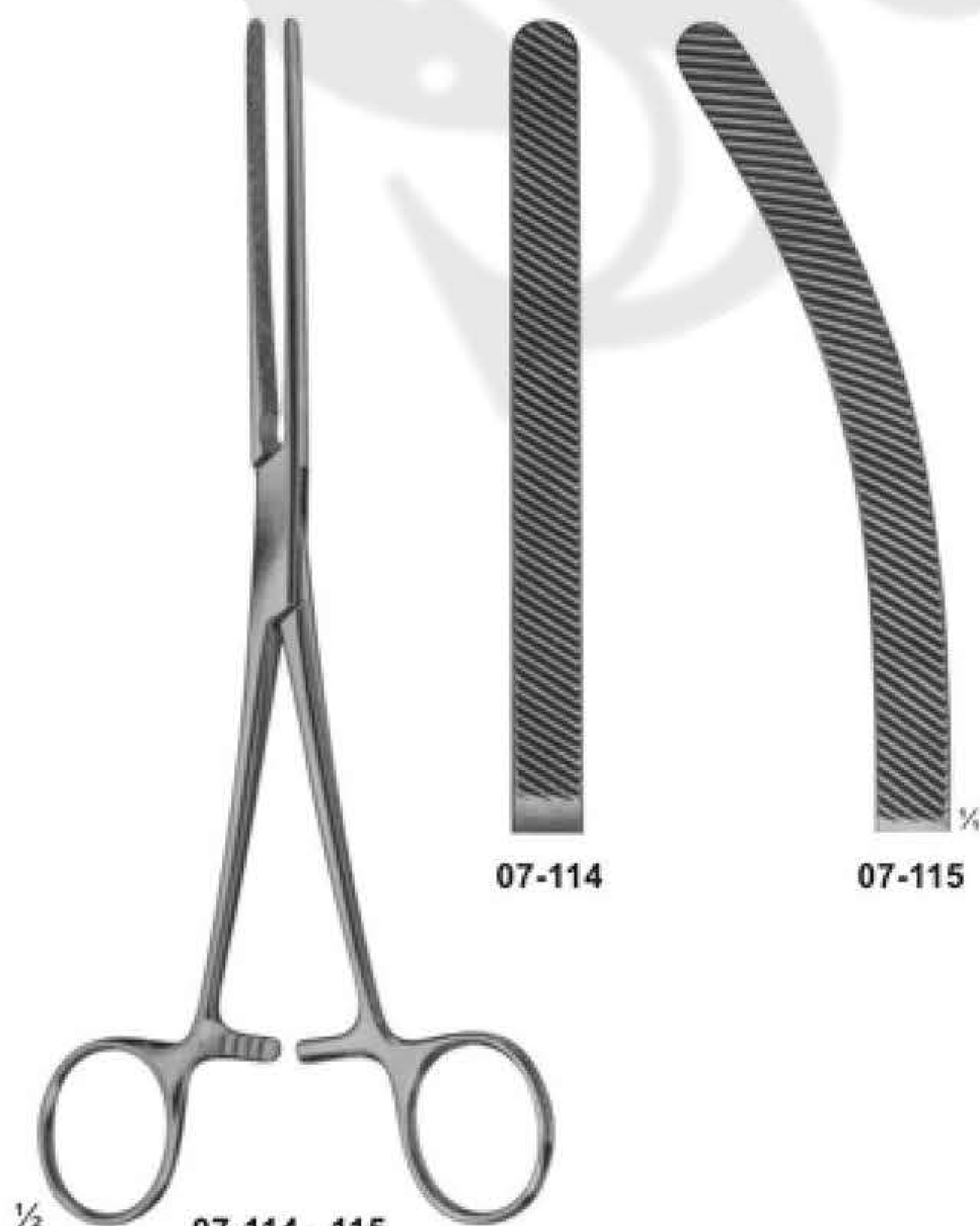


07-110 - 111
DOYEN
elastic
165 mm

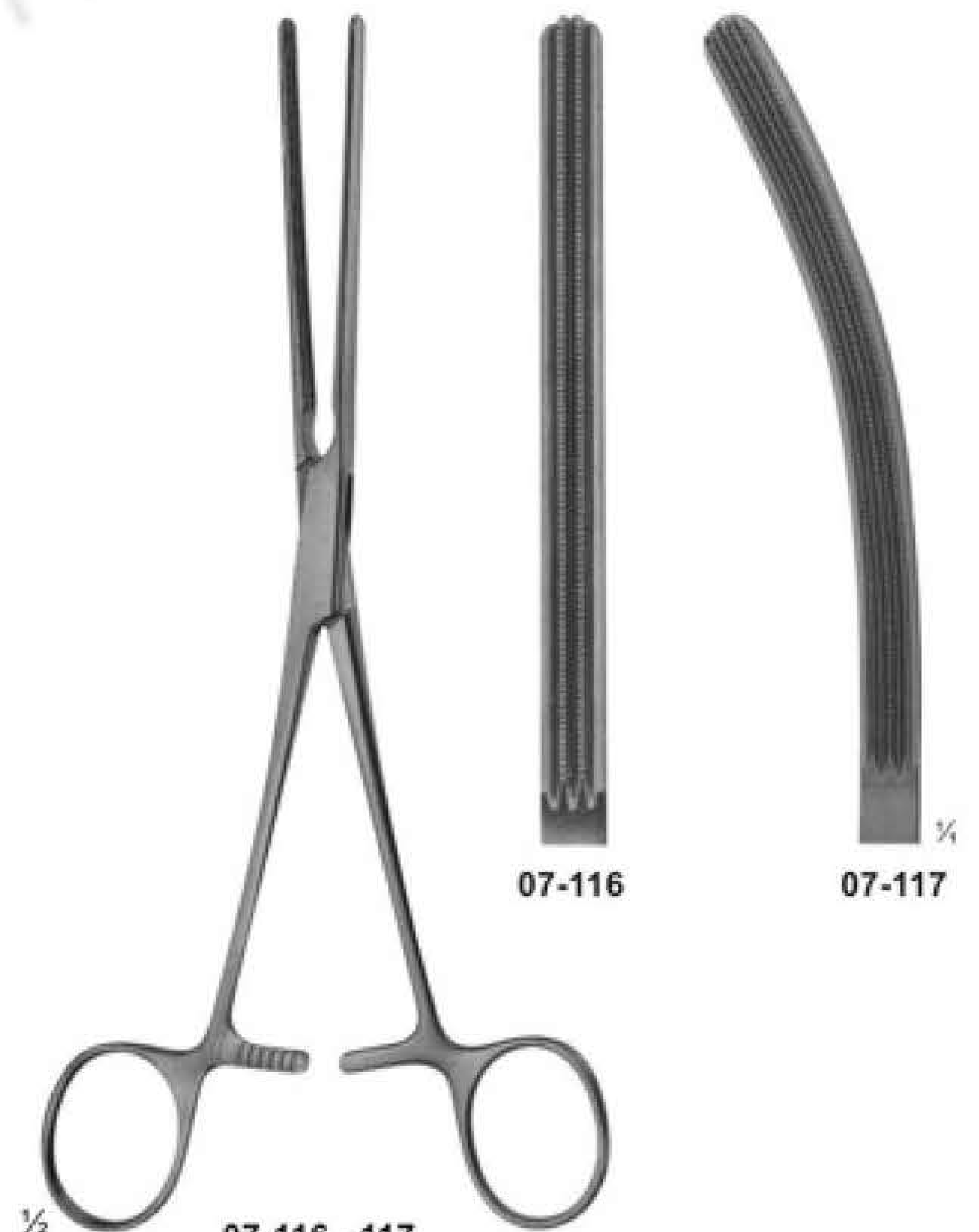


07-112 - 113
DOYEN
with elastic blades
170 mm

ATRAUMATA



07-114 - 115
HARTMANN
with elastic blades
200 mm



07-116 - 117
HARTMANN
with elastic blades
200 mm

Intestinal and Pylorus Clamps



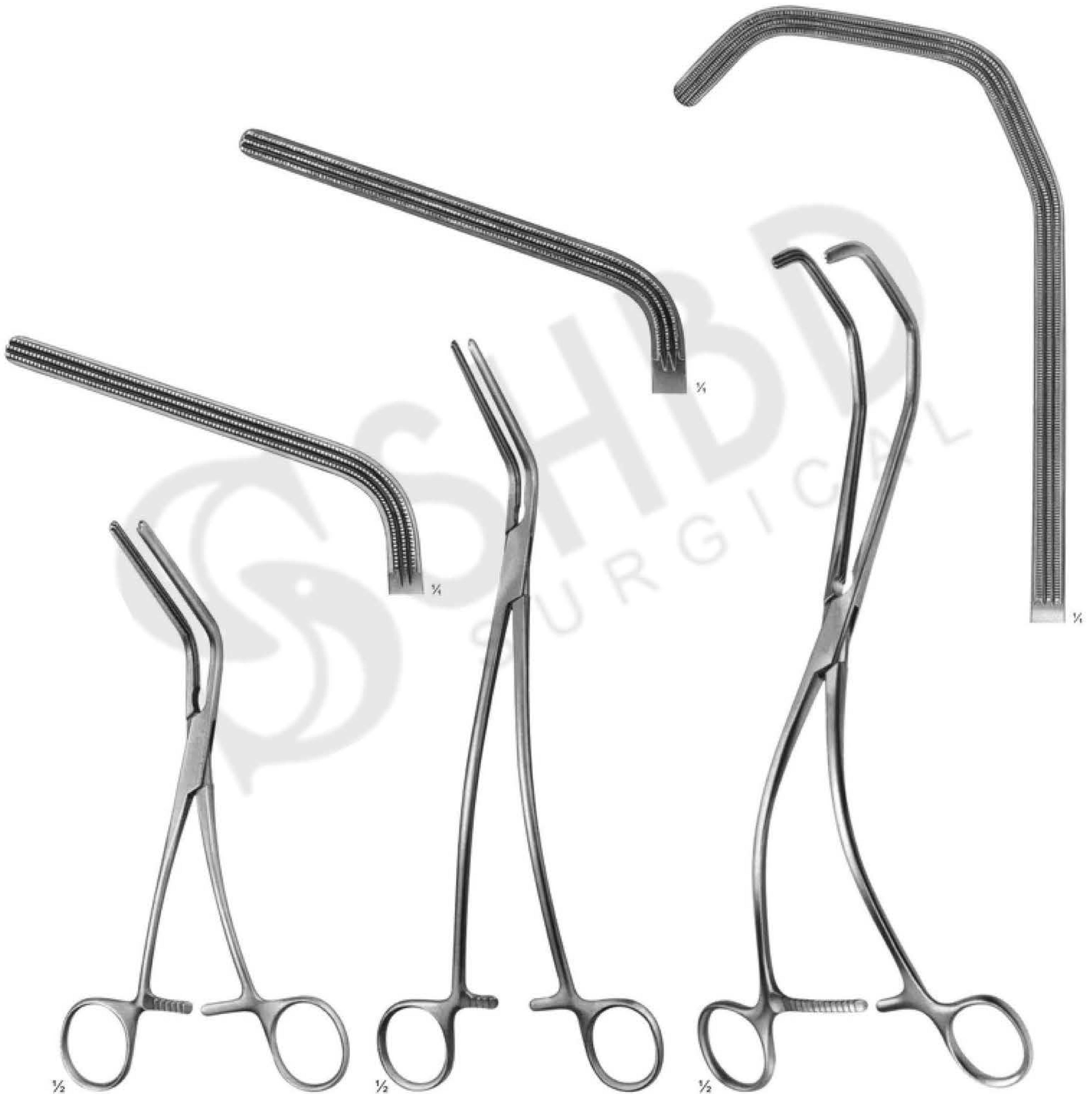
1/2
07-118
 PAYR
 Intestinal clamp
 light pattern,
 for children
 180 mm

1/2
07-119
 PAYR
 200 mm

1/2
07-120
 PAYR
 275 mm

1/2
07-121
 PAYR
 Pylorus clamp
 315 mm

ATRAUMATA
Sigmoid Anastomosis Forceps



$\frac{1}{2}$
07-122
MORRIS
175 mm

$\frac{1}{2}$
07-123
DE BAKEY
(MORRIS modif.)
240 mm

$\frac{1}{2}$
07-124
KERSTING
270 mm

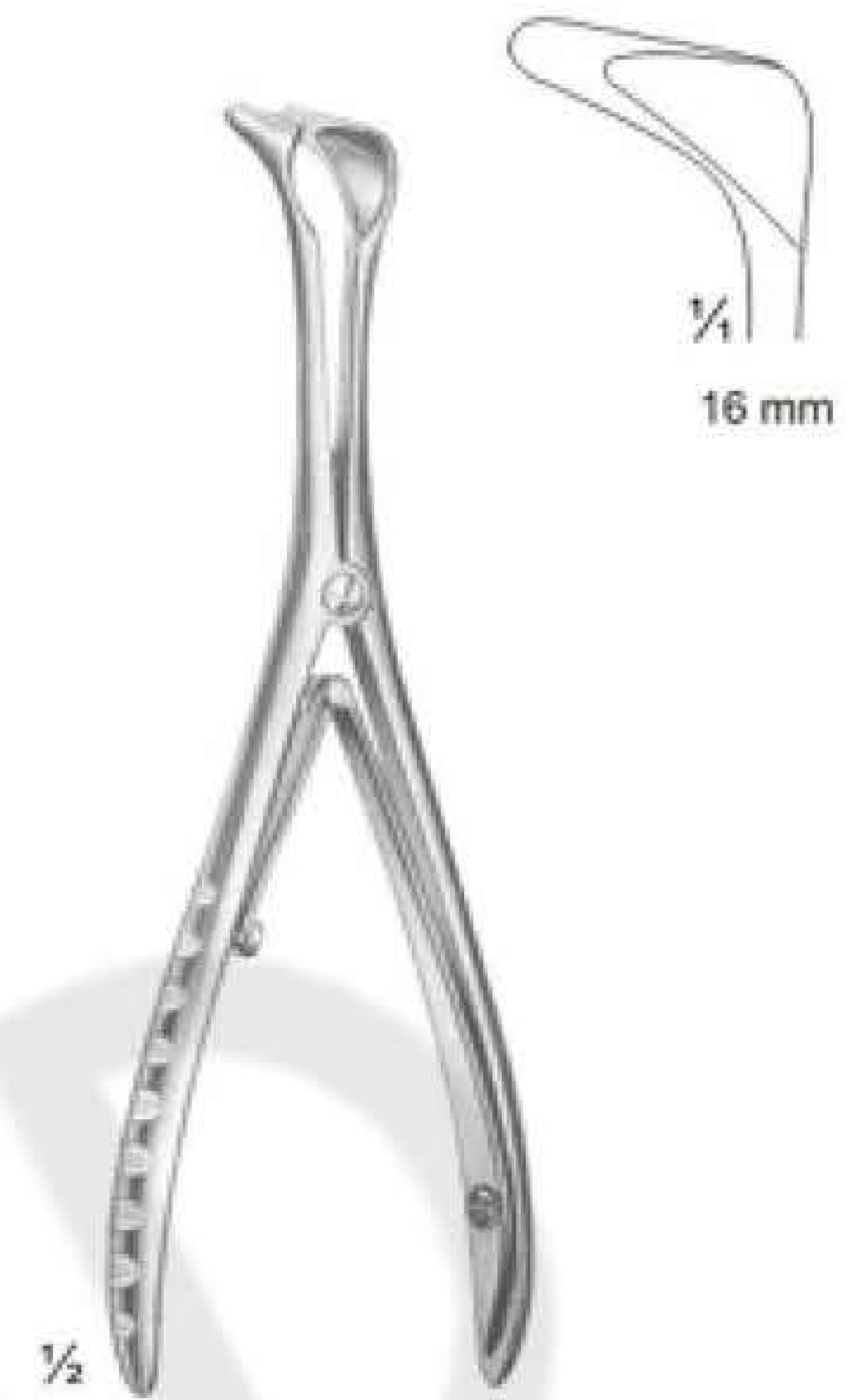
Nasal Specula



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



08-102
SIMS
160 mm



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



08-104
Killian

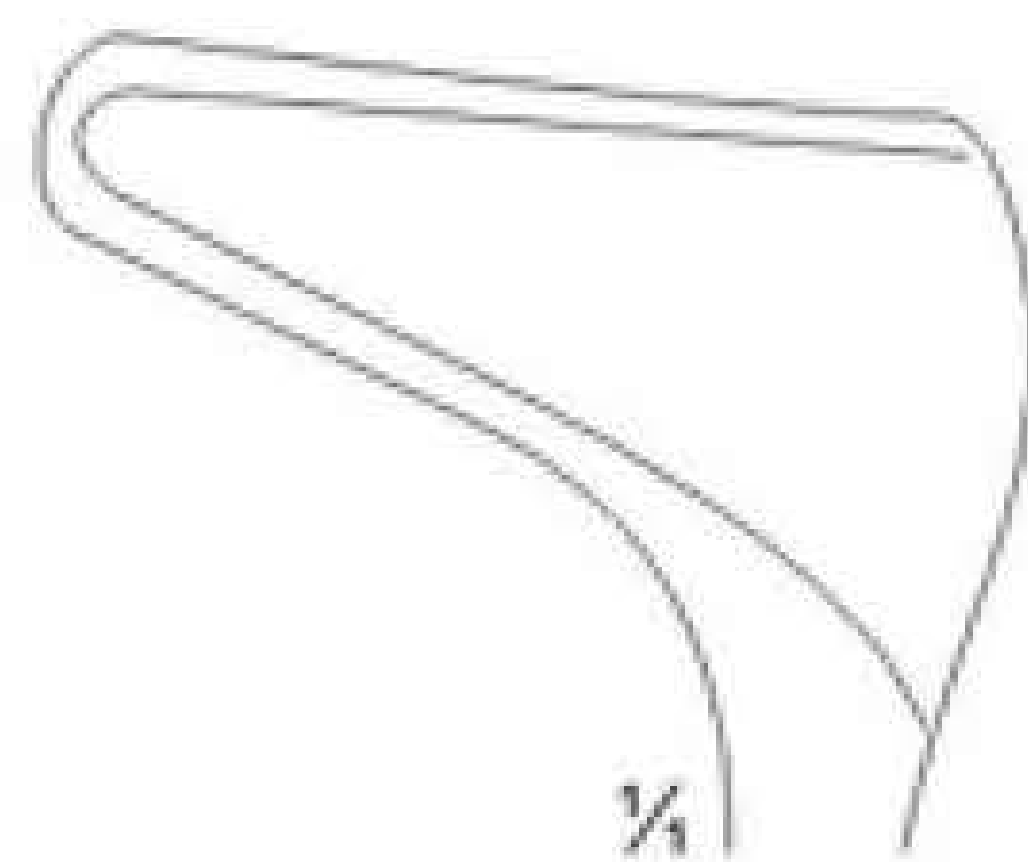


Fig. 1
14 cm 5 4/8"
35 mm

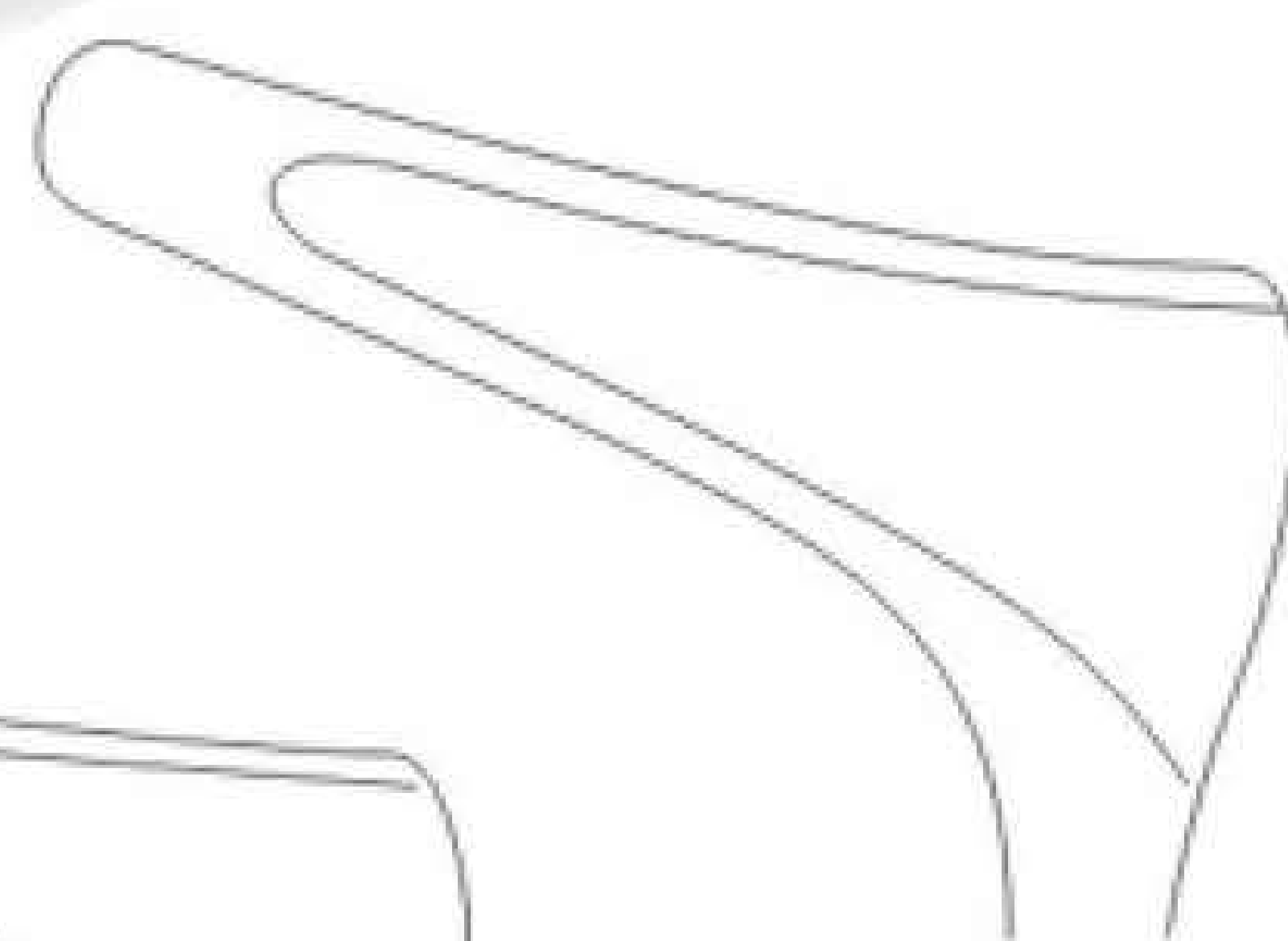


Fig. 2
14,5 cm / 5 4/8"
50 mm

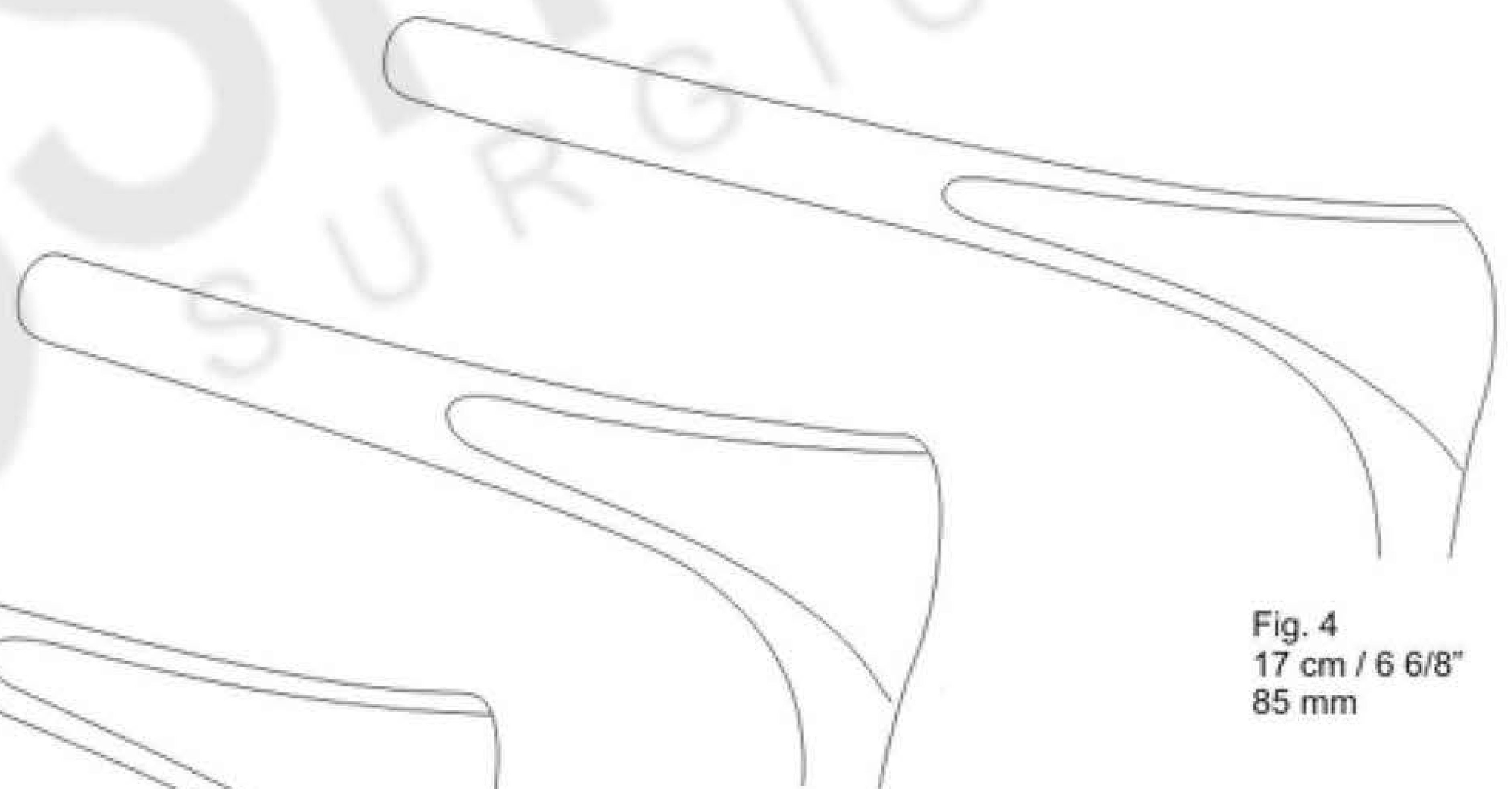


Fig. 3
16 cm / 6 2/8"
75 mm

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

Nasal Specula



08-105
Cottle

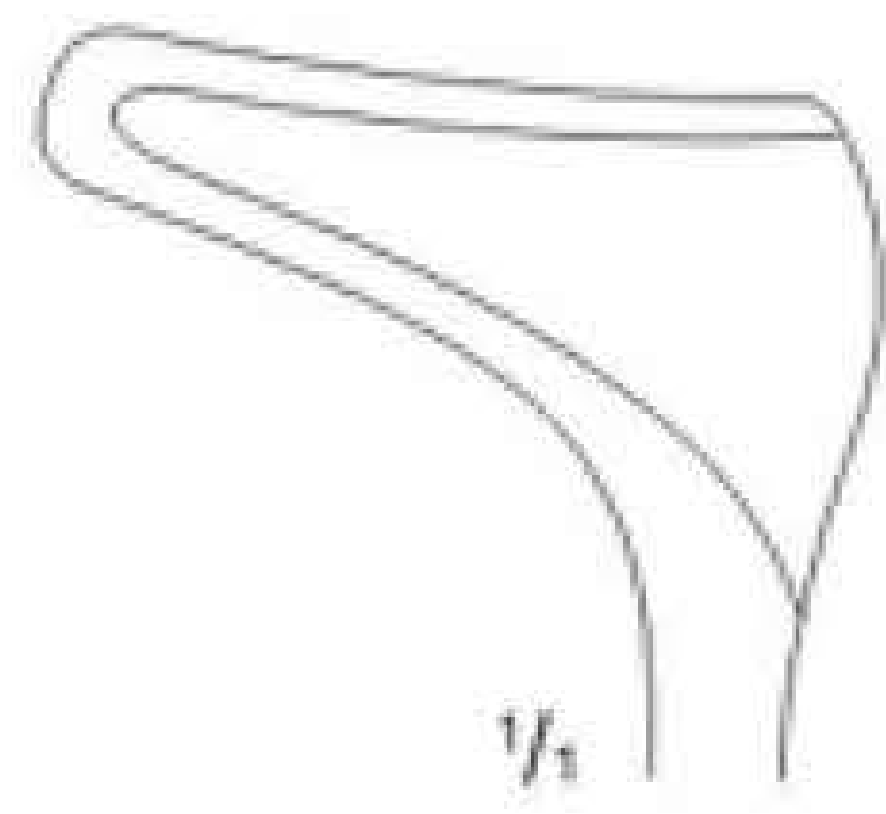


Fig. 1
13,5 cm / 5 3/8"
35 mm

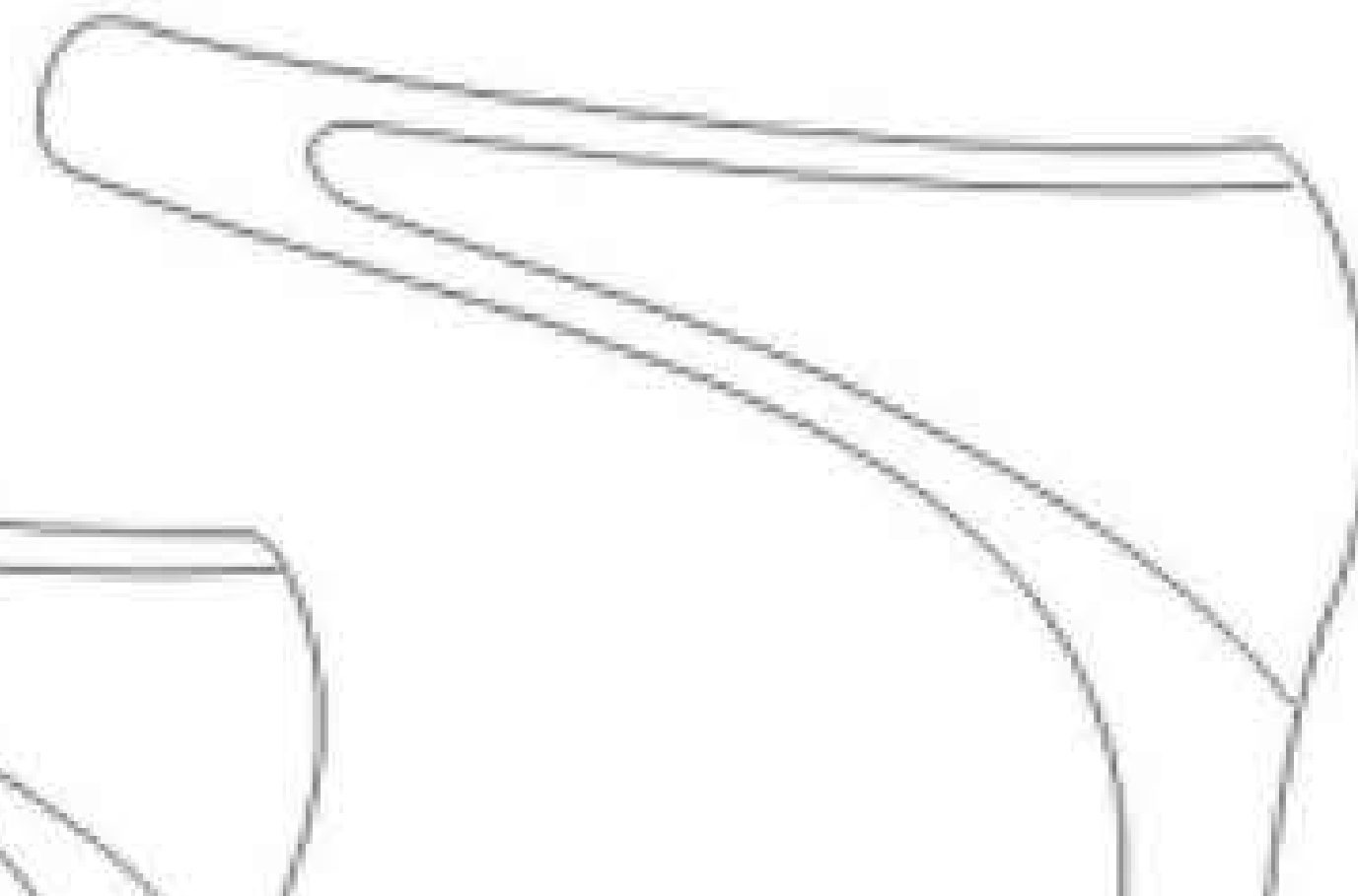


Fig. 2
14 cm / 5 4/8"
50 mm

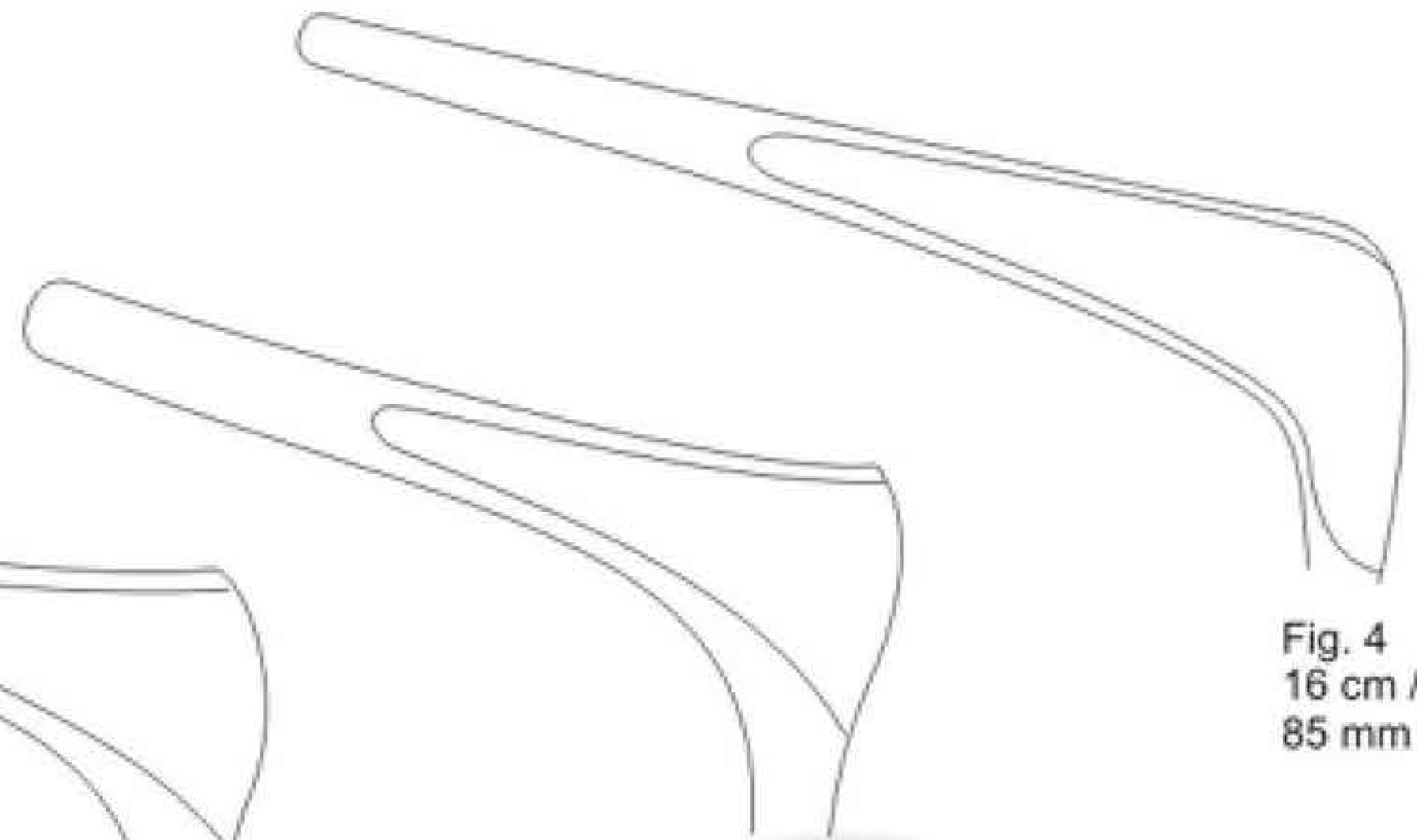


Fig. 3
16 cm / 6 2/8"
75 mm

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



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

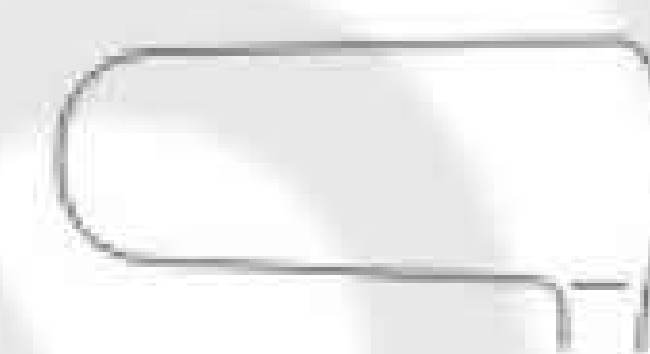


Fig. 1
21,0 x 9,5 mm

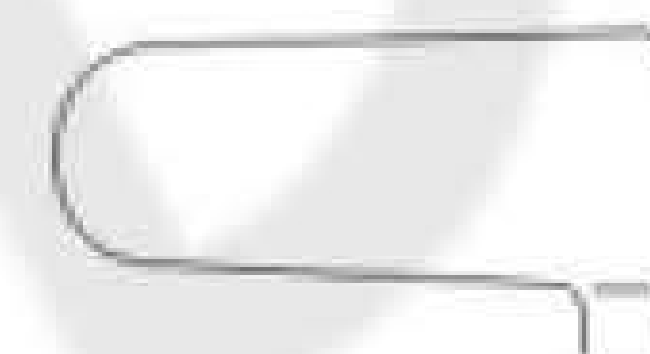


Fig. 2
21,0 x 10,5 mm

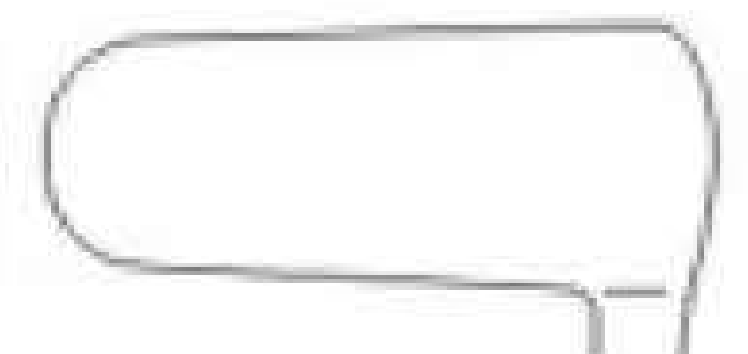


Fig. 3
21,0 x 11,5 mm



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

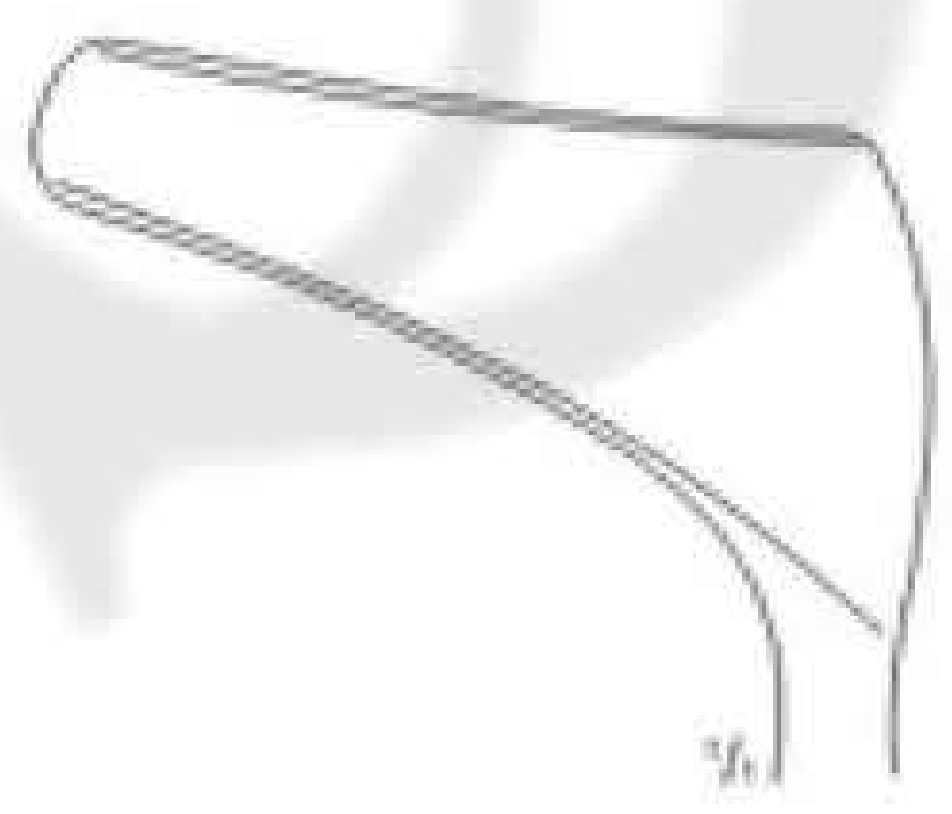


Fig. 1
30 mm



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



Fig. 1
27 mm

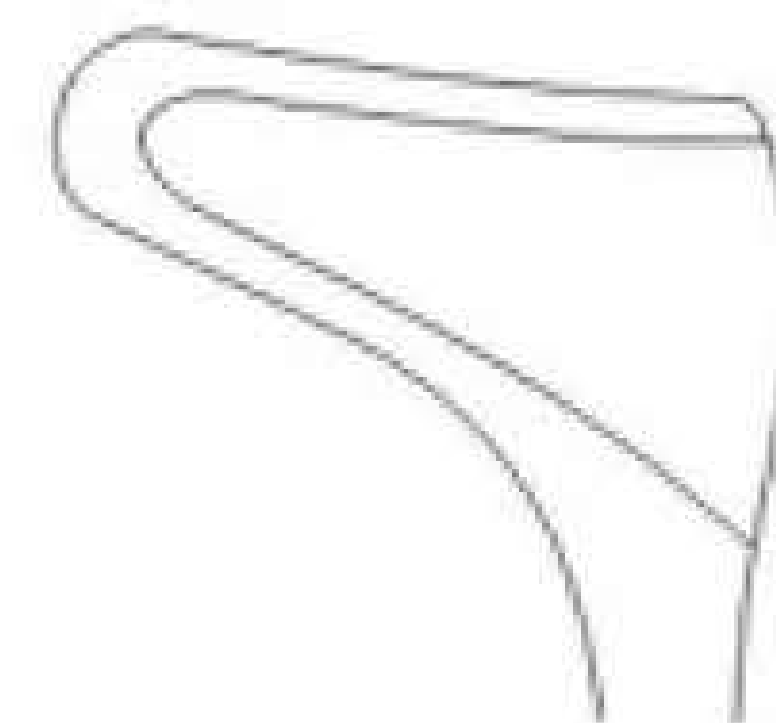


Fig. 2
31 mm

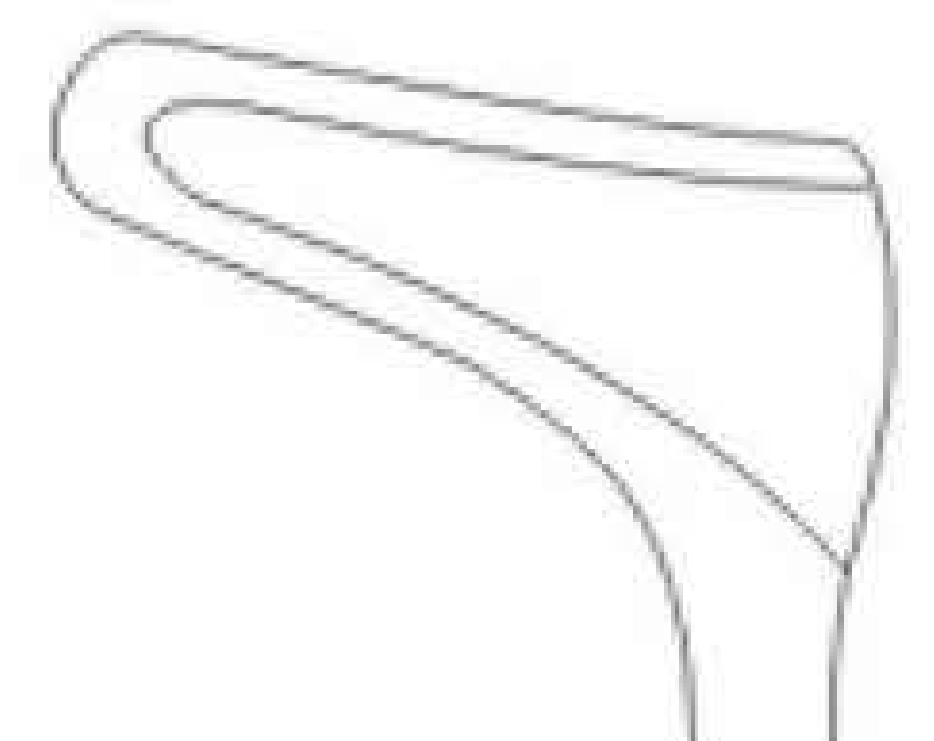


Fig. 3
35 mm

Anuscopes-Sphincteroscopes



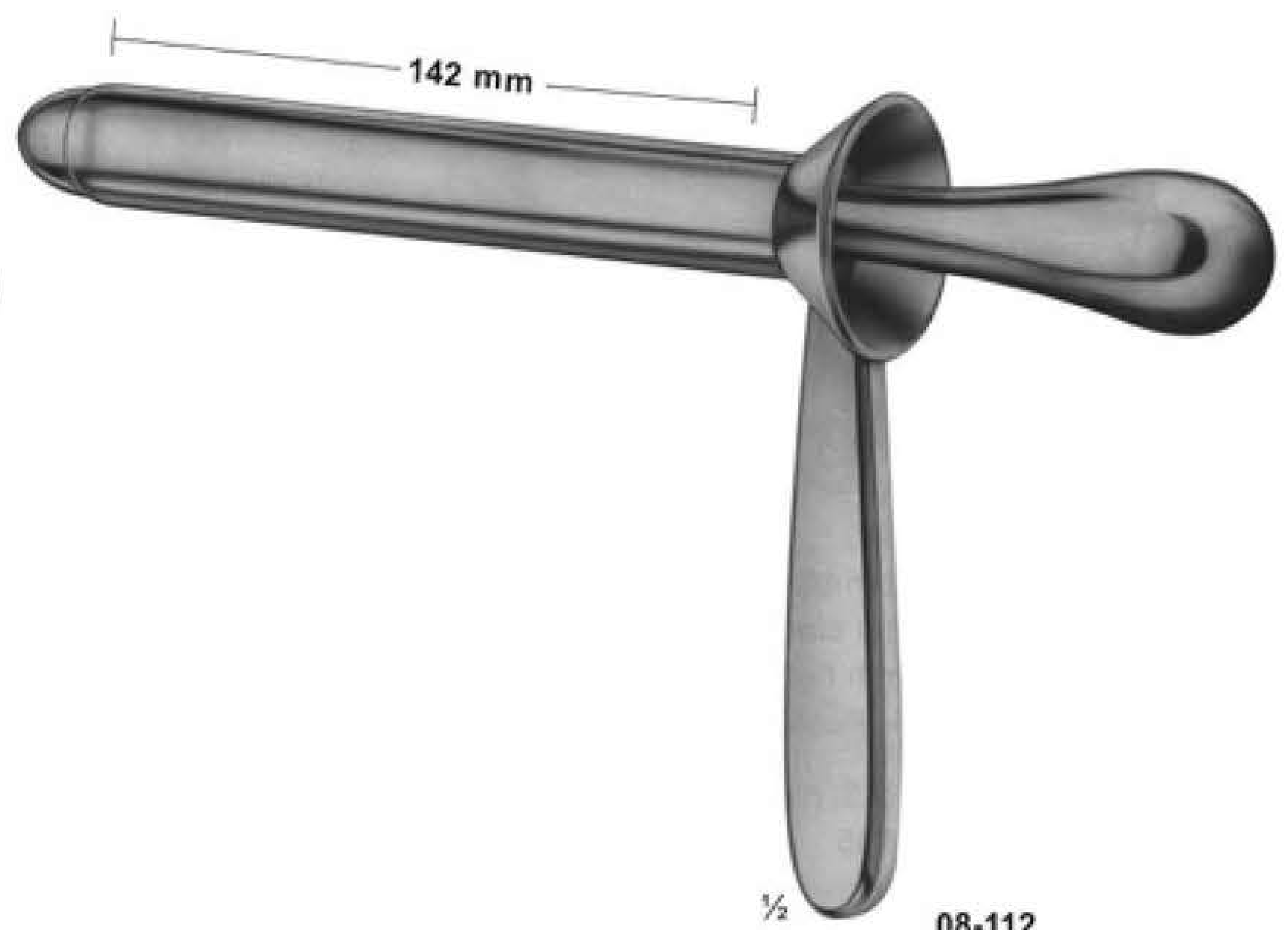
08-109
 IVES-FANSLER
 Anuscops
 145 mm
 Ø24mm



08-110
 KELLY
 Sphincteroscope
 160 mm
 Ø21mm



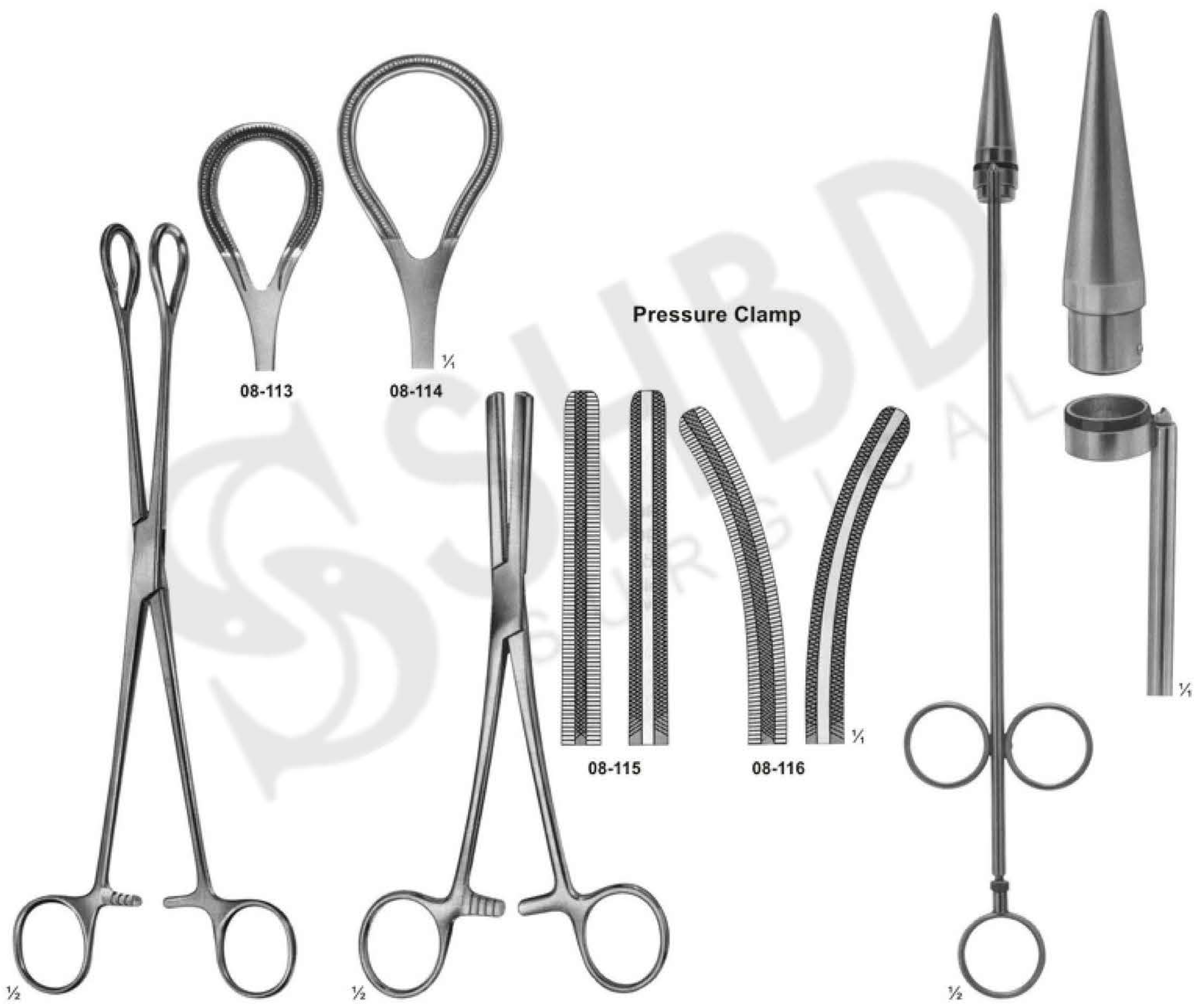
08-111
 KELLY
 Sphincteroscope
 160 mm
 Ø27mm



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

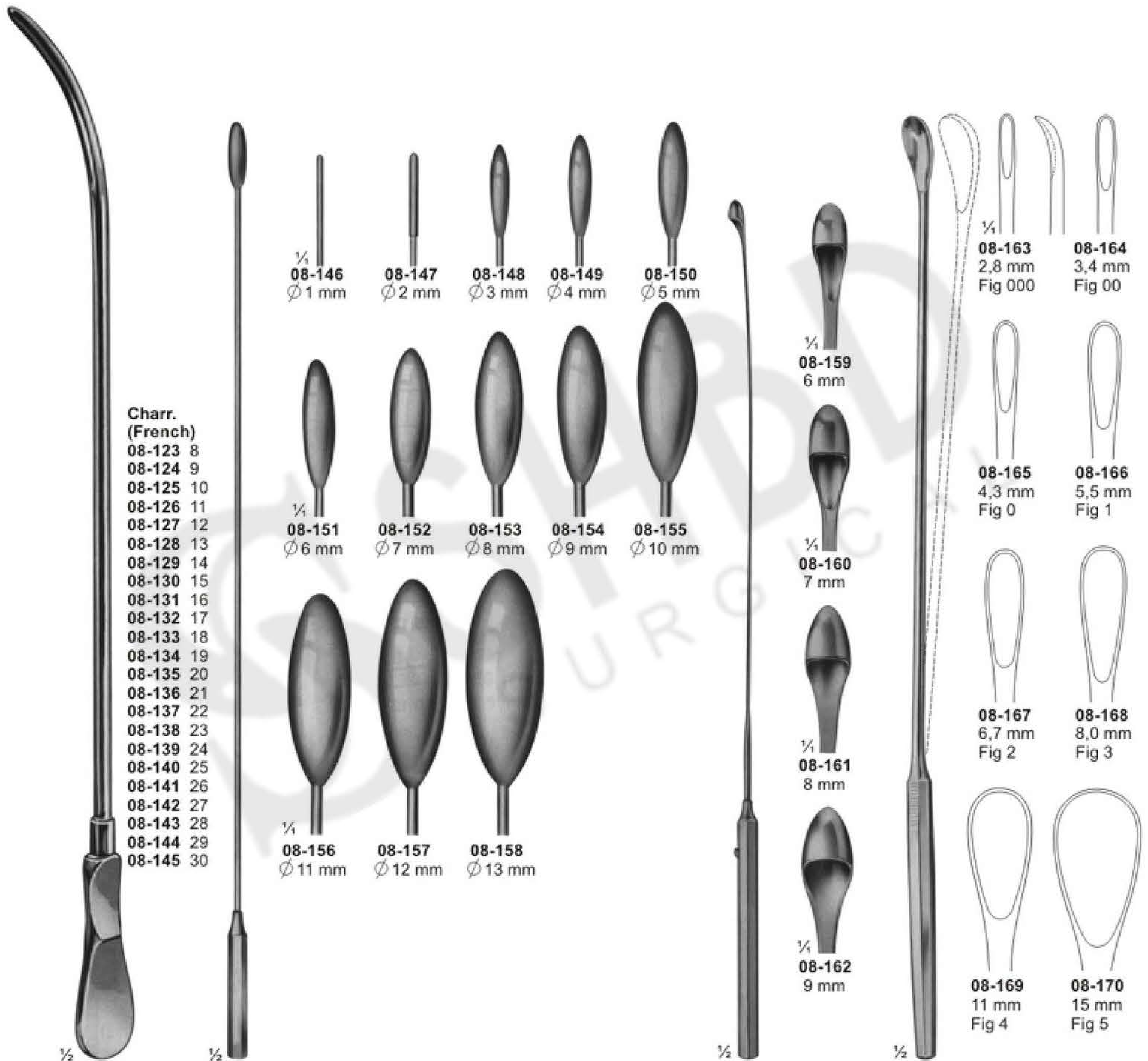


08-121
DESJARDINS
Gall duct-and cystic forceps
210 mm



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

Gall Duct Dilators and Gall Stone Scoops



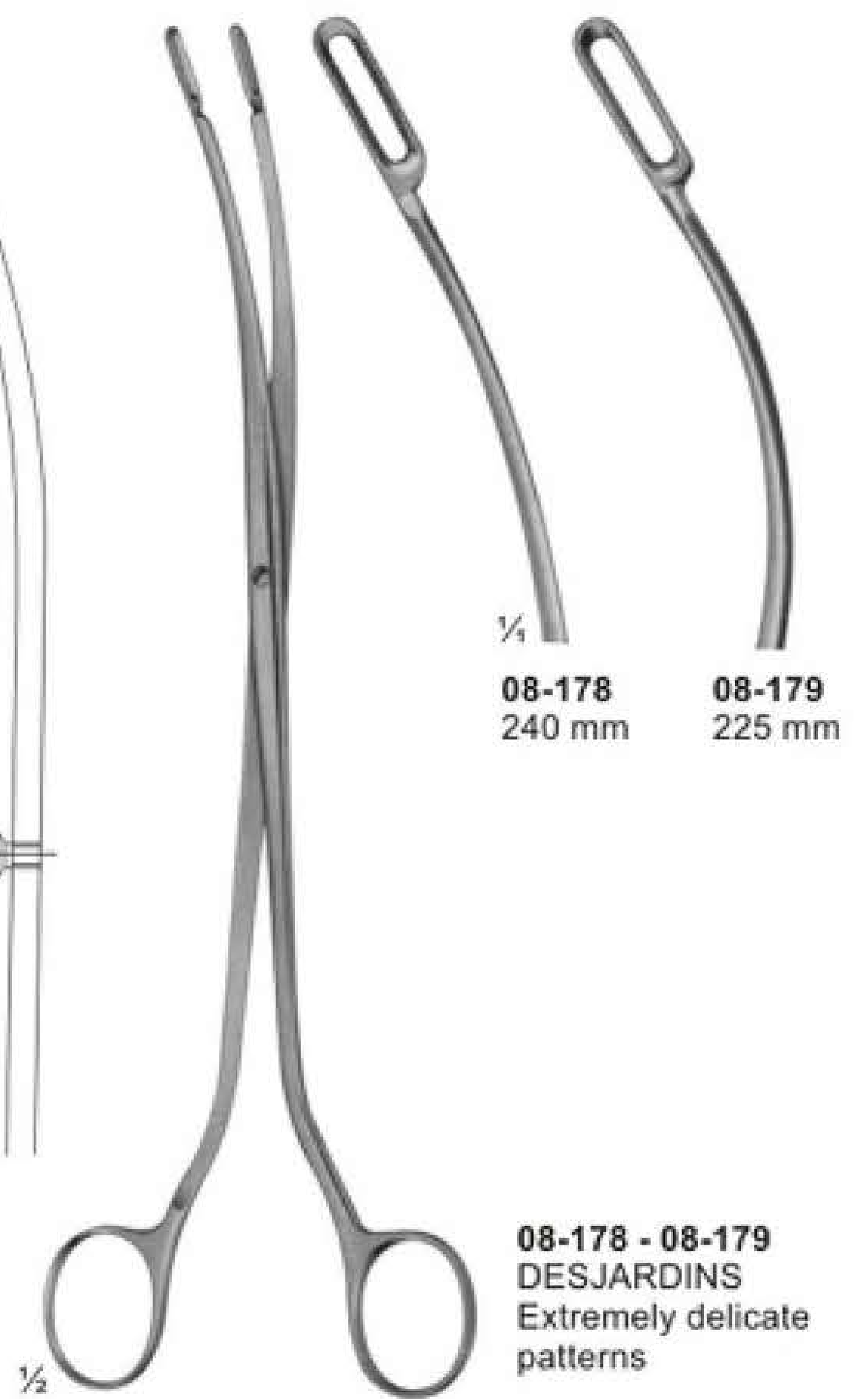
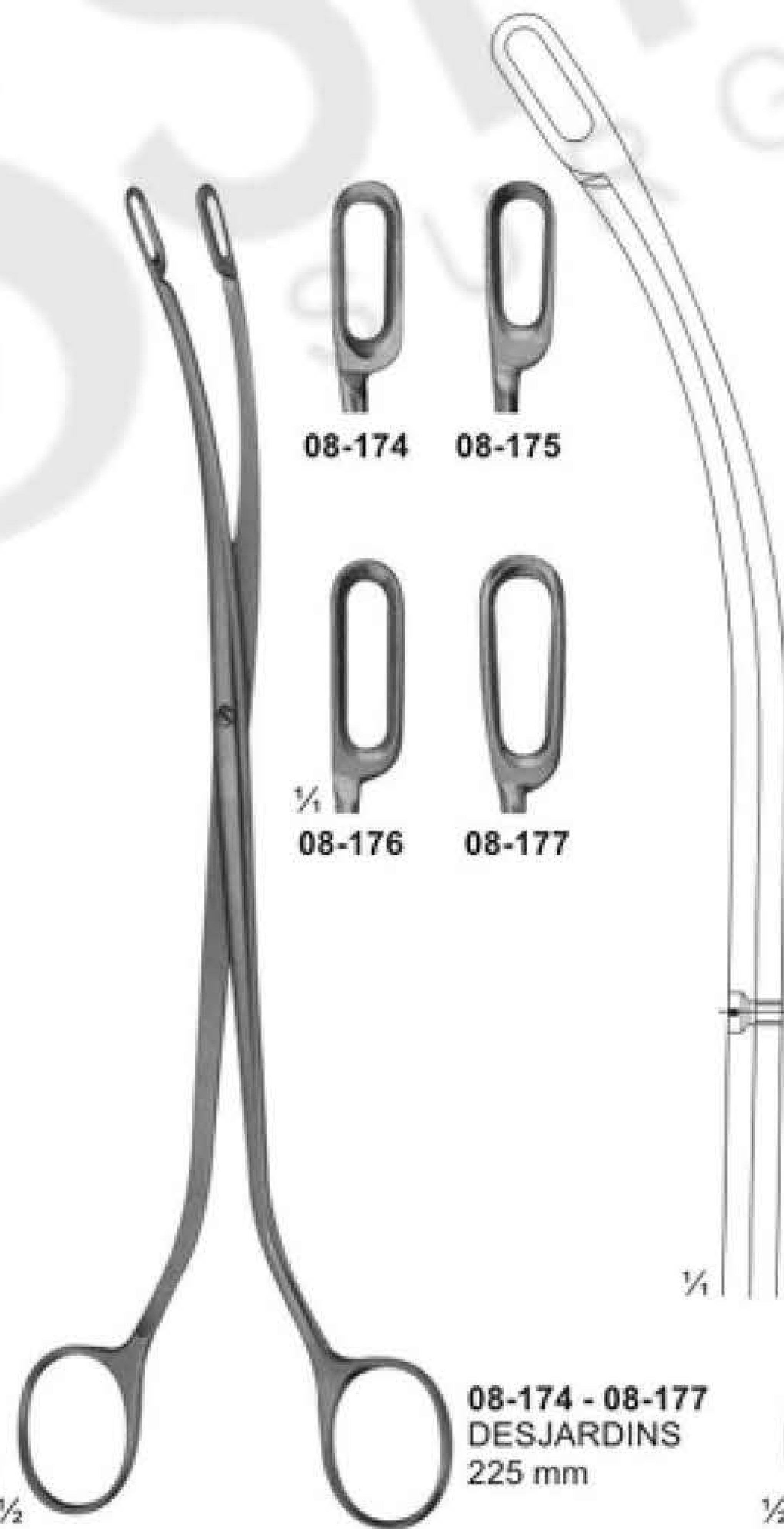
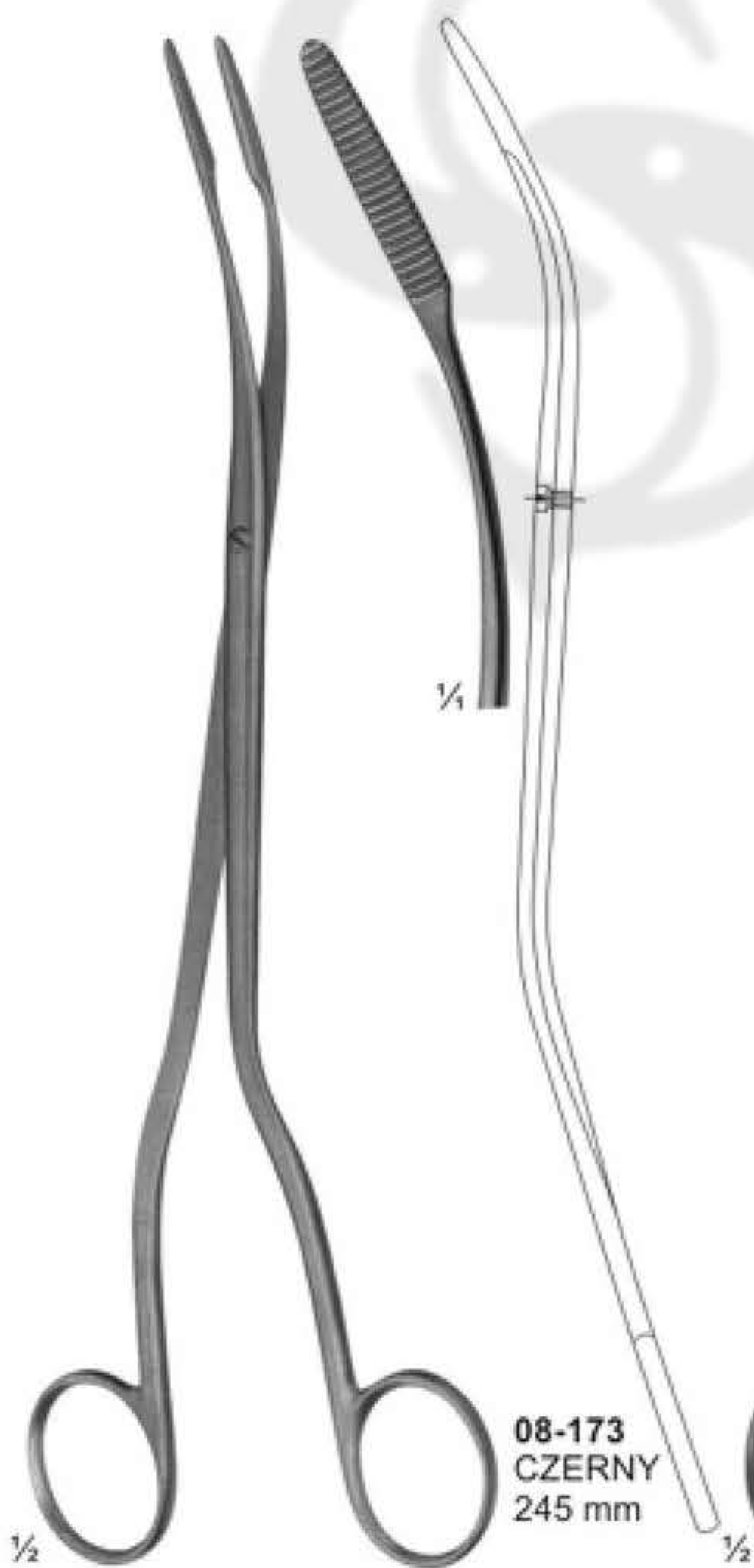
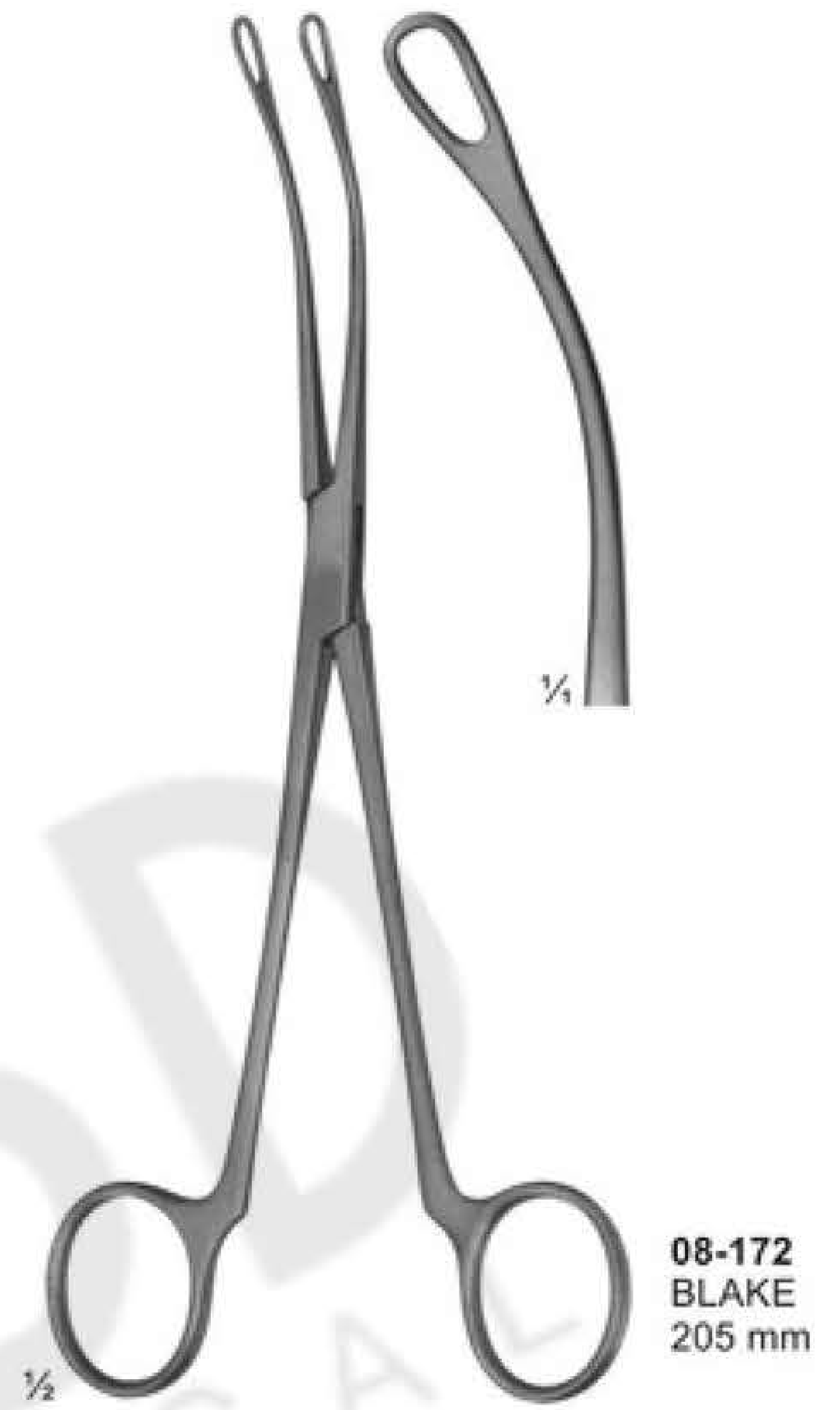
08-123 - 08-145
DITTEL
Metall bougies and dilating sounds, stiff 345 mm

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

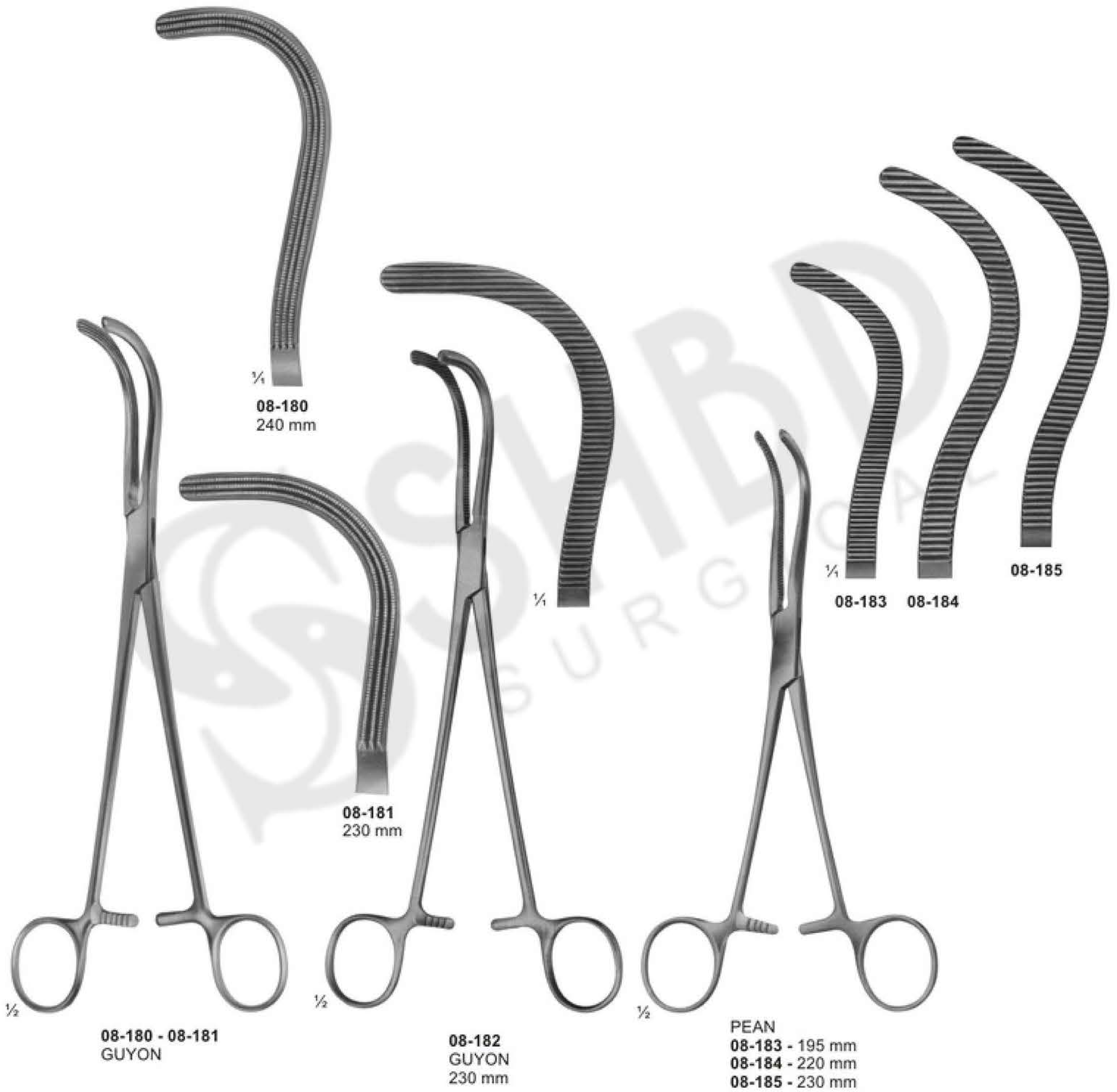
08-163 - 08-170
LUER-KOERTE modif with malleable shaft 310 mm

Gall Stone Forceps



Kidney Clamps

ATRAUMATA



Kidney Stone Forceps



08-186



08-187



08-188



1/4
08-189



08-190



08-191

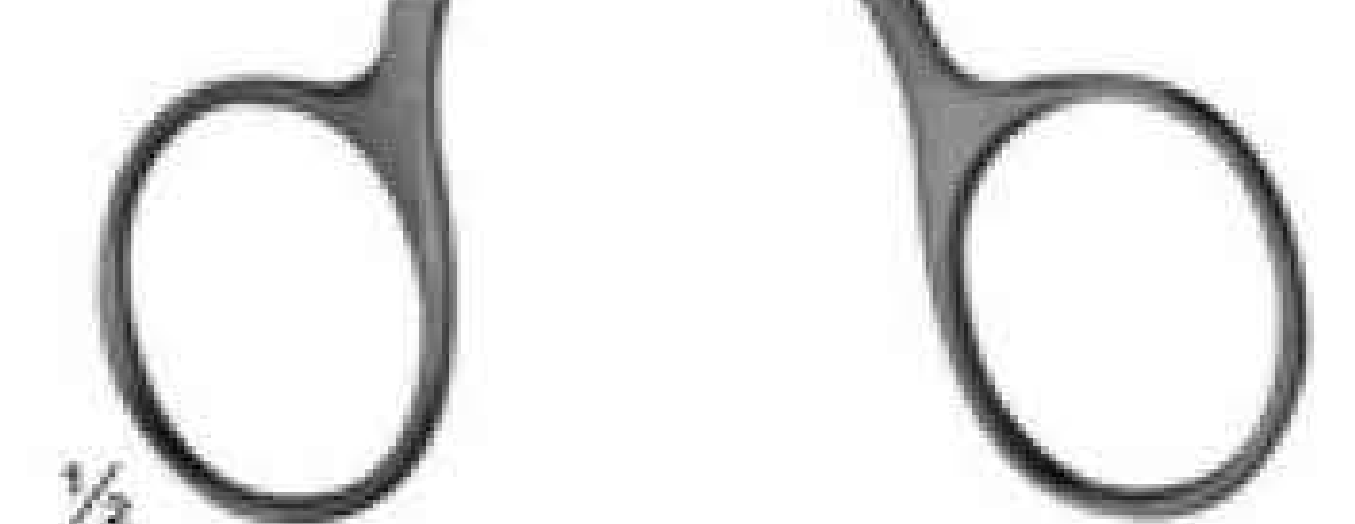


1/4
08-192



1/2

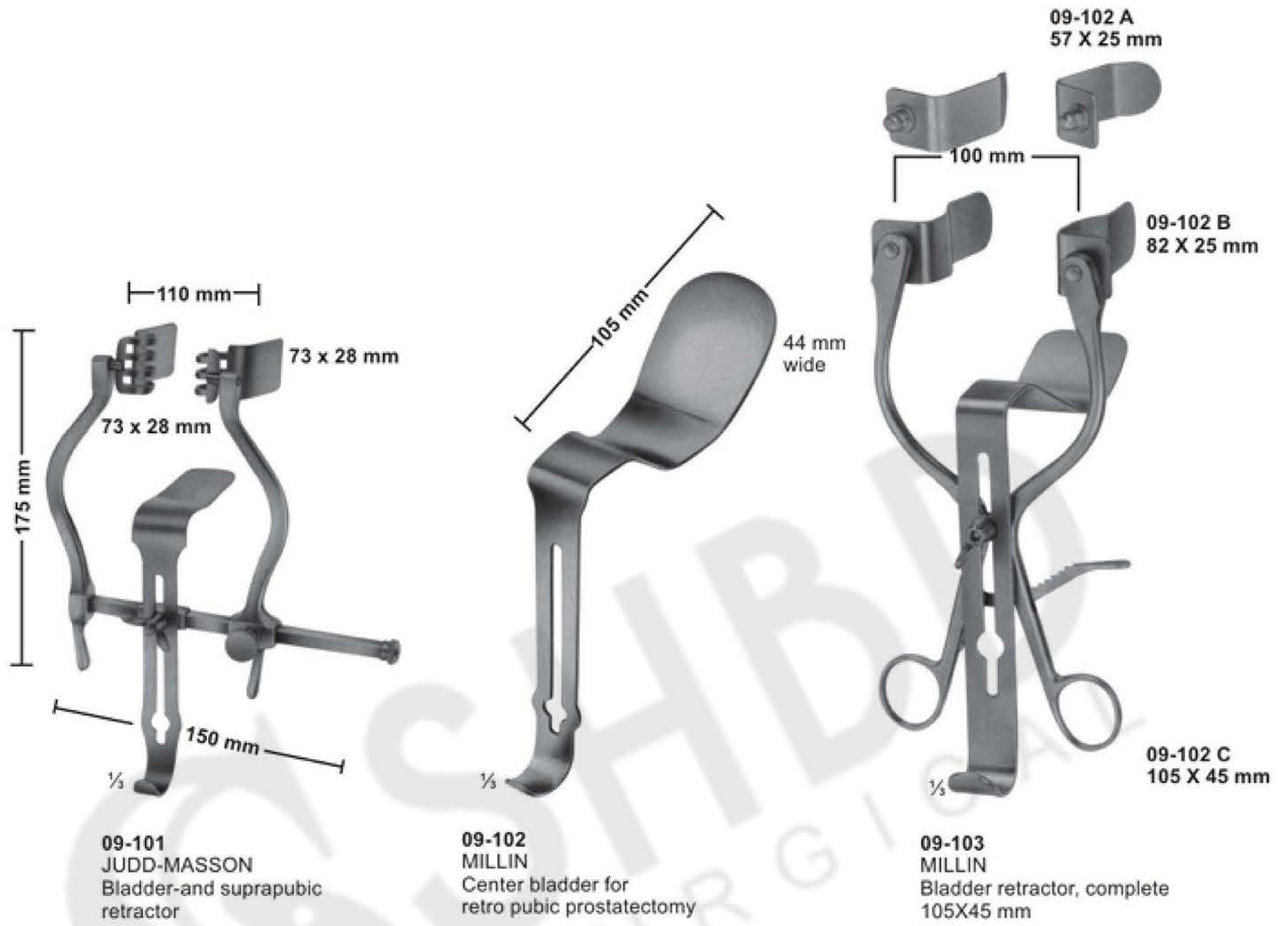
08-186 - 08-189
RANDALL
225 mm



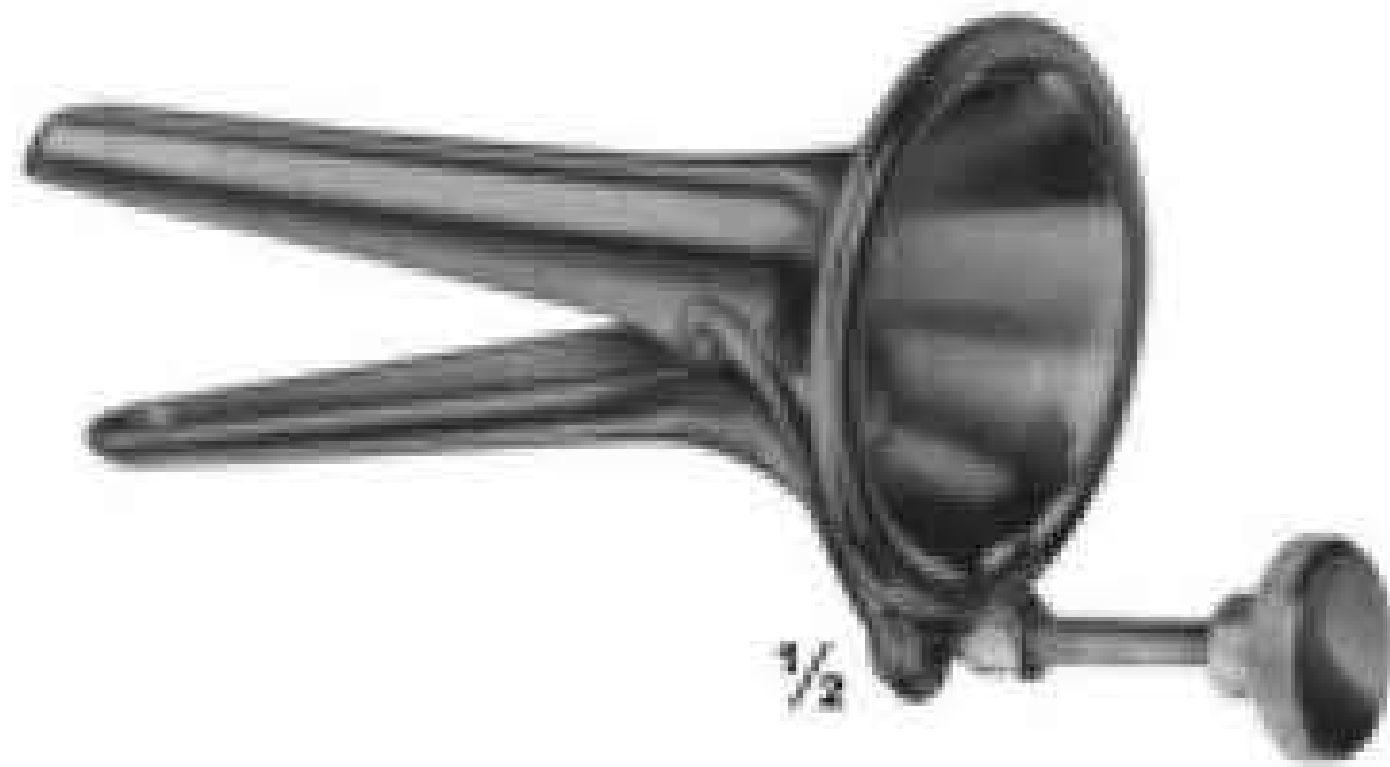
1/2

08-190 - 08-192
RANDALL
190 mm

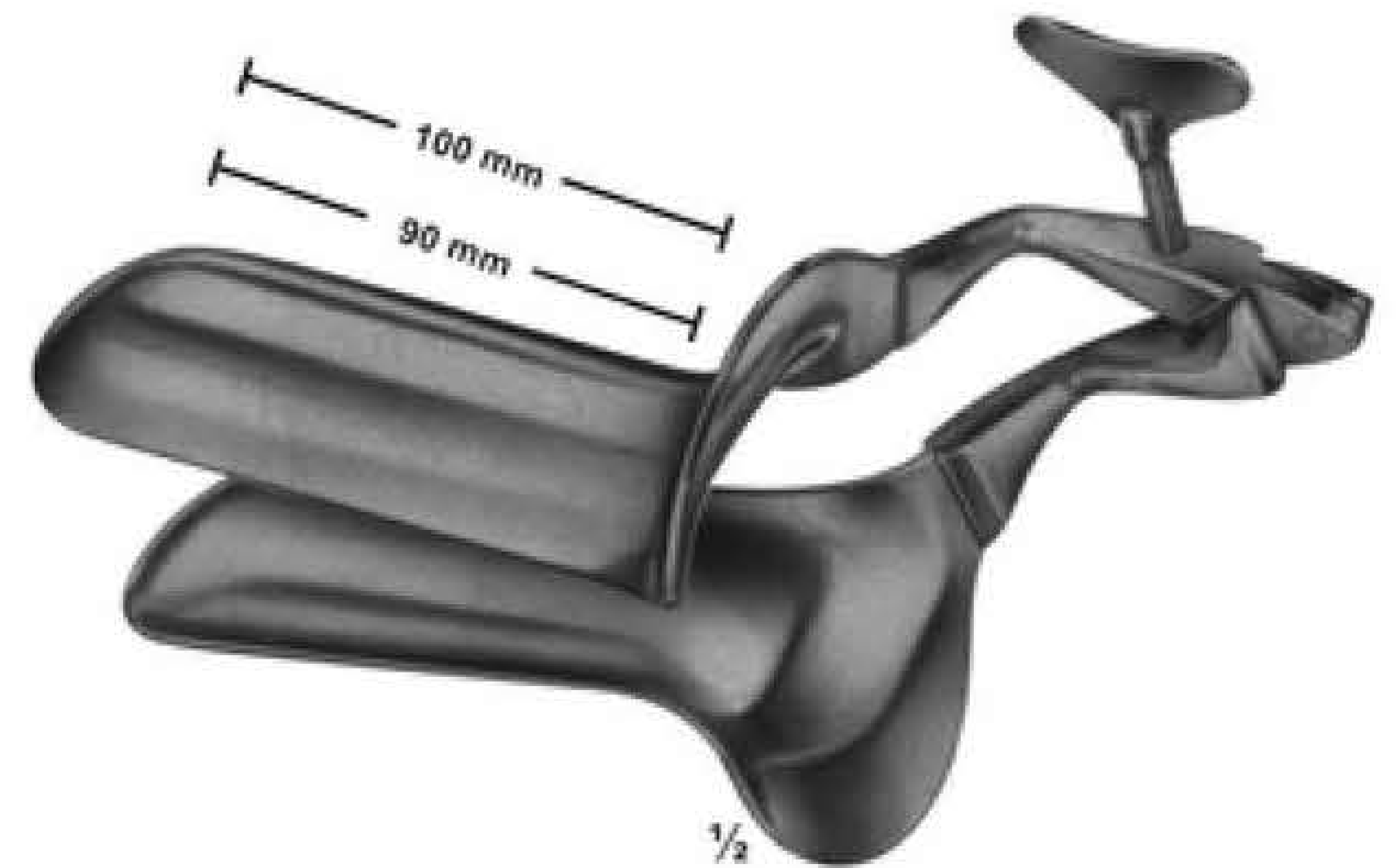
Bladder Retractors



Vaginal Specula



10-101
COLLIN
for children
53 x 10 mm



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



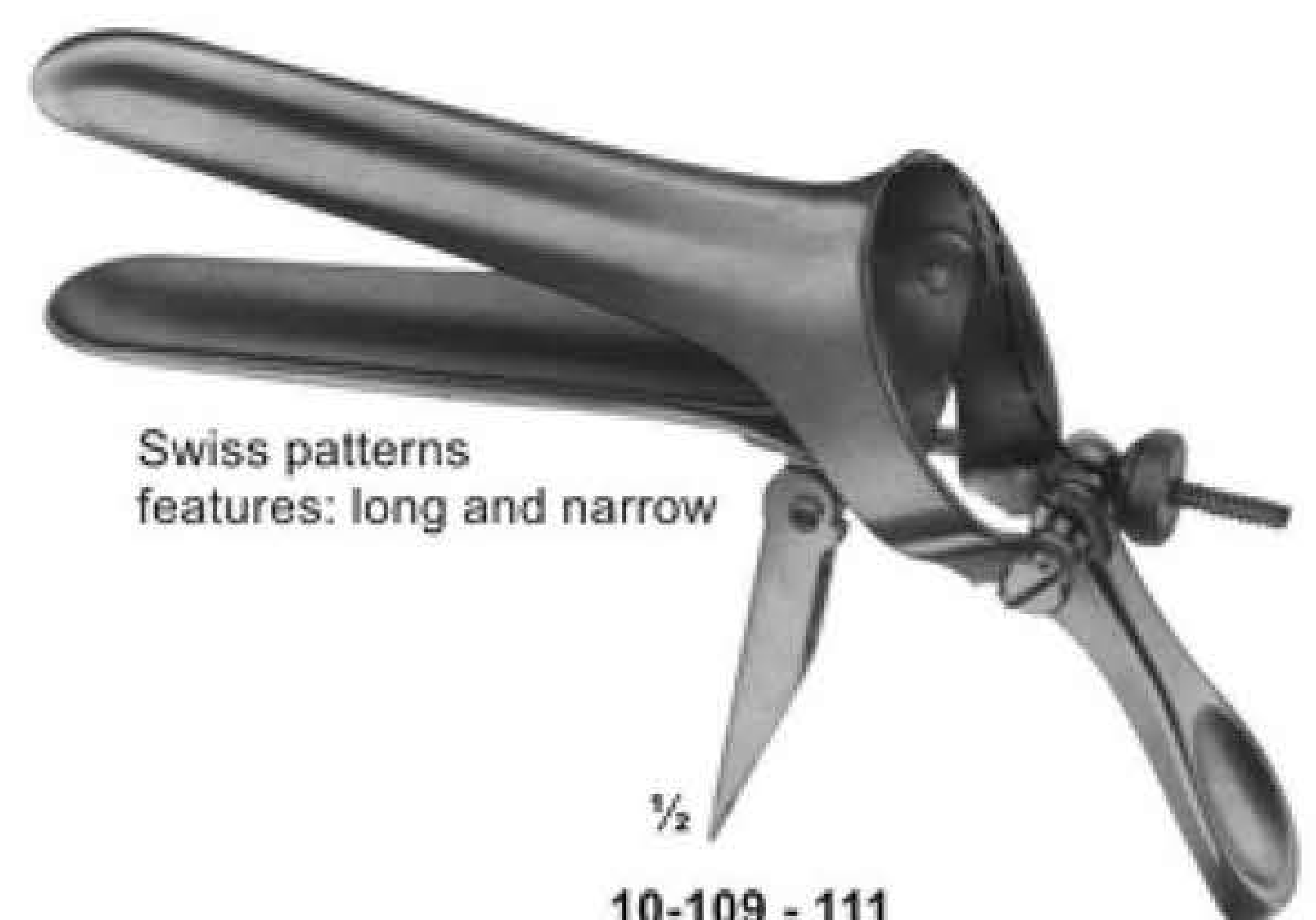
10-106
COLLIN
for virgins
95/85 x 18 mm



10-107
CUSCO
for virgins
75 x 17 mm



10-108
CUSCO
for virgins
75 x 17 mm



Swiss patterns
features: long and narrow

10-109 - 111
CUSCO
10-109 92x23-25 mm
10-110 100x25-27 mm
10-111 110x27-30 mm

Vaginal Specula- Sets, upper and lower blades



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

1/2

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

1/2

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

1/2



1/2

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



1/2

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



1/2

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



1/2

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

Vaginal Specula- upper and lower blades



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

10-132 - 10-135
KRISTELLER
 Upper blades

10-136 - 10-139
KRISTELLER
 Lower blades

Vaginal Specula



10-140
60 X 45 mm

10-141
90 X 45 mm

10-142
112 X 45 mm

10-140 - 143
DOYEN
235 mm

10-143 - 10-153
DOYEN
240 mm

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

Vaginal Retractors



1/2
10-154
JOLL (FRIEDMAN)
 155 mm



1/2
10-155
RICHTER
 170 mm



1/2
10-156
GELPI
 135 mm



1/2
10-157
GELPI
 175 mm

Uterine Dilators



1/2

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

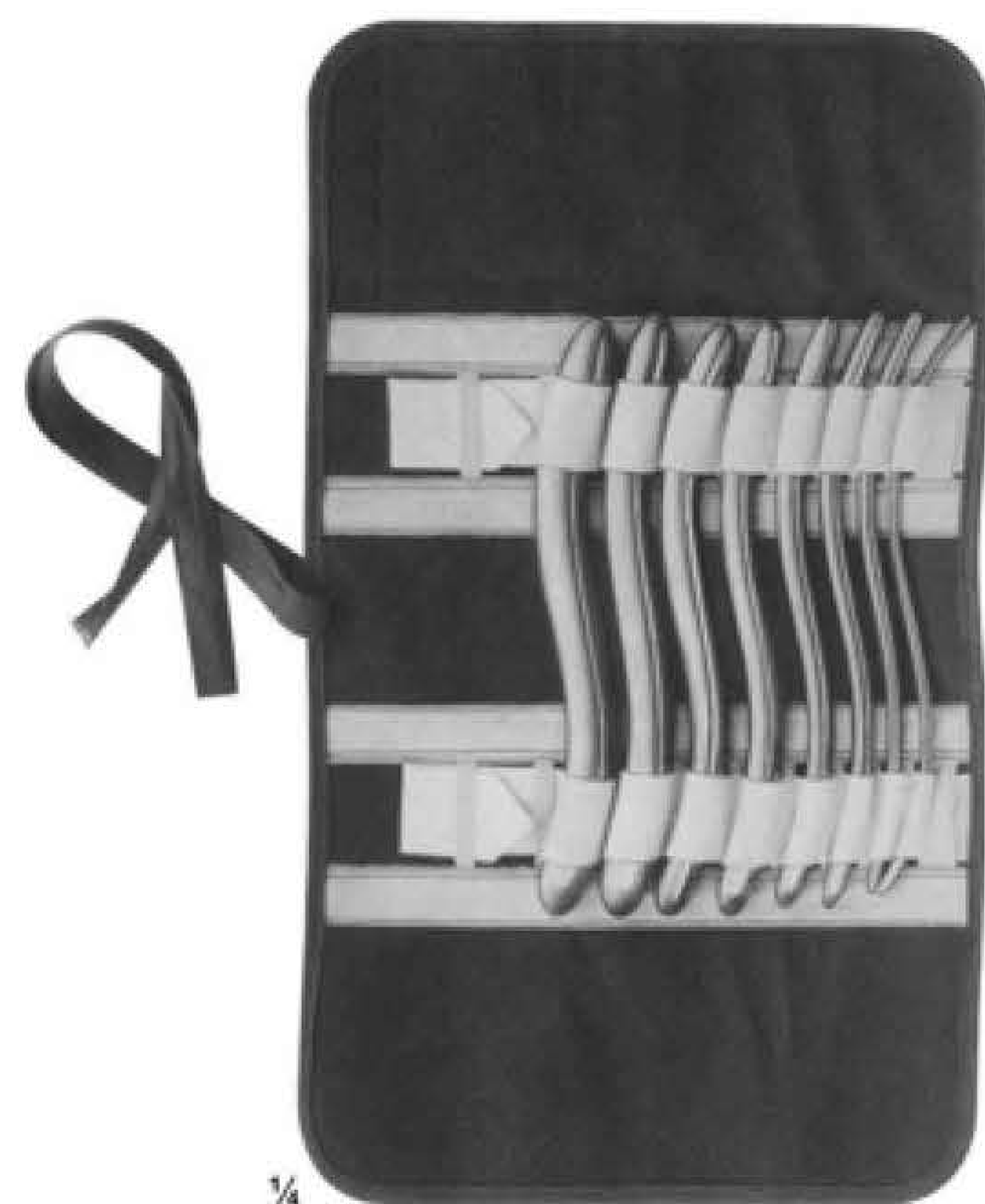
11-101	1	mm	11-123	23	mm
11-102	2	mm	11-124	24	mm
11-103	3	mm	11-125	25	mm
11-104	4	mm	11-126	26	mm
11-105	5	mm	11-127	1	1/2mm
11-106	6	mm	11-128	2	1/2mm
11-107	7	mm	11-129	3	1/2mm
11-108	8	mm	11-130	4	1/2mm
11-109	9	mm	11-131	5	1/2mm
11-110	10	mm	11-132	6	1/2mm
11-111	11	mm	11-133	7	1/2mm
11-112	12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



1/2

11-144 - 152
HEGAR
205 mm

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



1/4

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

Uterine Probes



Uterine Dressing Forceps



11-160
PELKMANN
260 mm

11-161
PELKMANN
260 mm

11-162
BOZEMANN
250 mm

11-163
BOZEMANN
255 mm

Jaws with longitudinal groove

Polypus-and Ovum Forceps



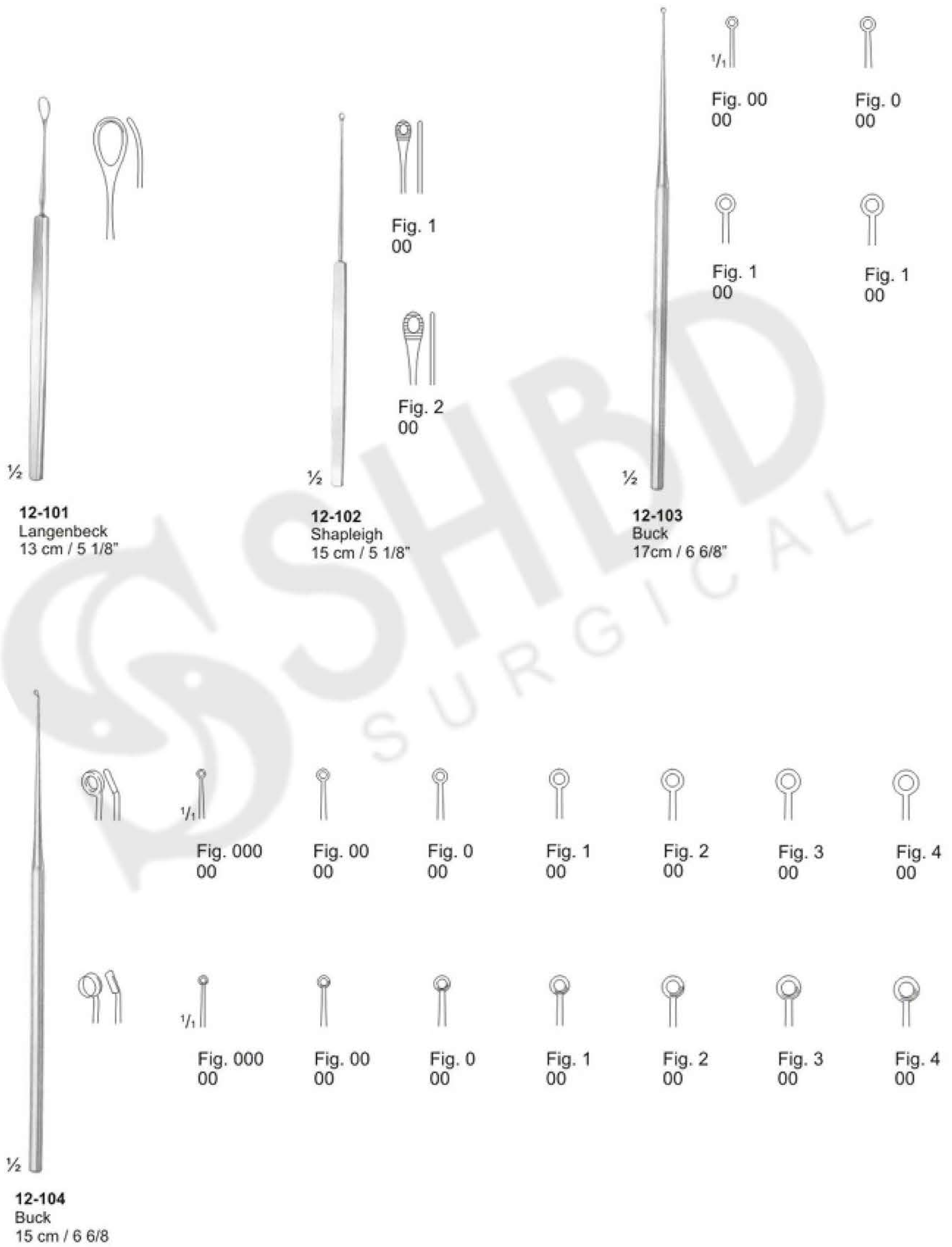
11-164
HEYWOOD-SMITH
200 mm

11-165
KELLY
320 mm

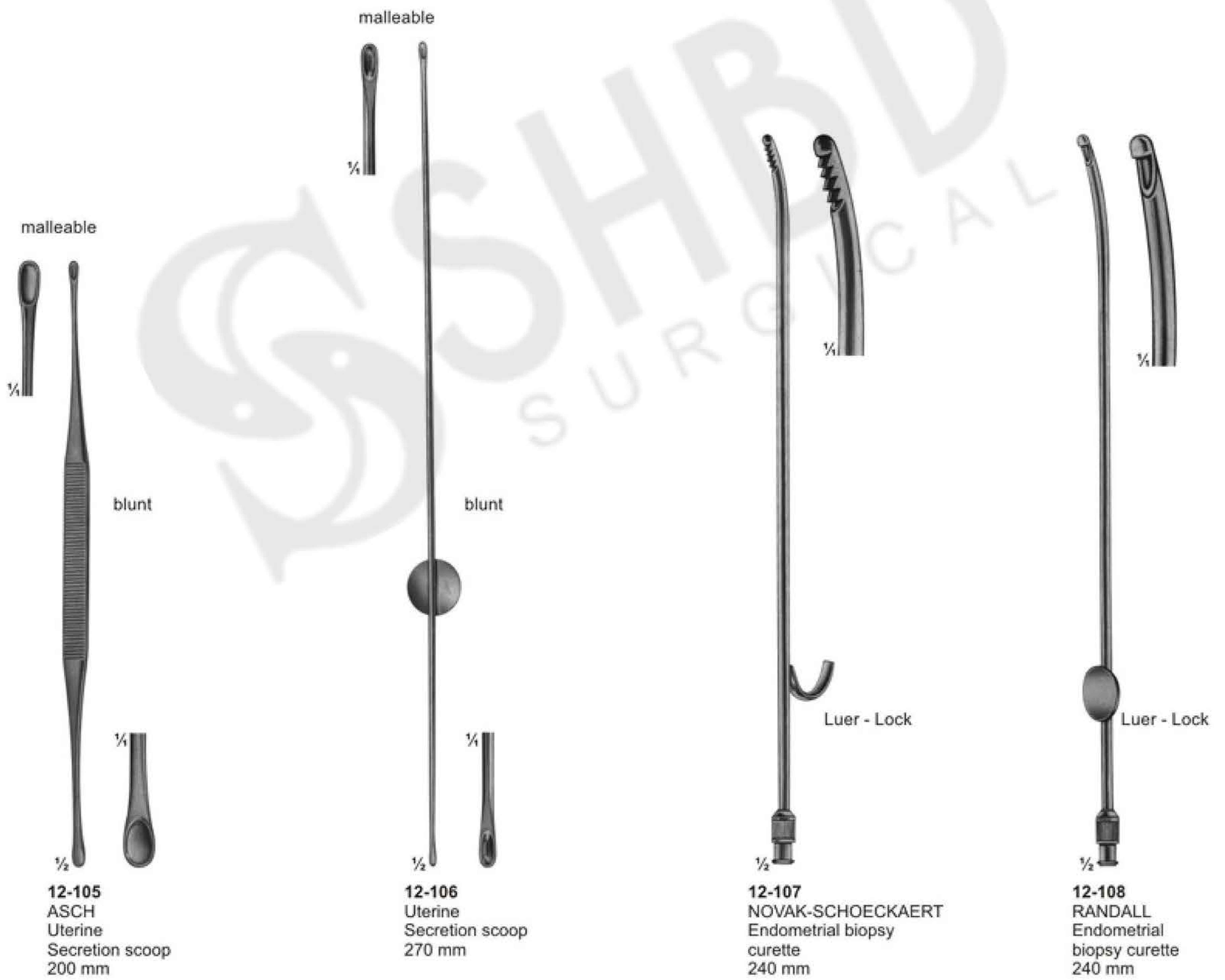
11-166
HEYWOOD-SMITH
250 mm

11-167
NOTO
280 mm

Ear Curettes



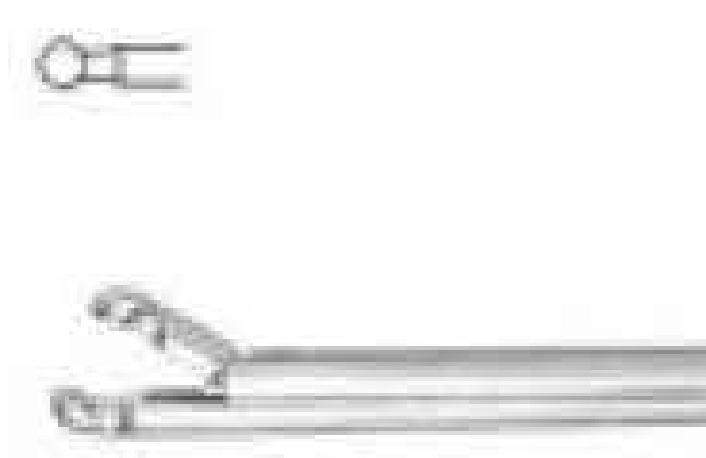
Biopsy Currettes



Ear Polypus Forceps



12-109
Hartmann-Wullstein
shaft length
85 mm



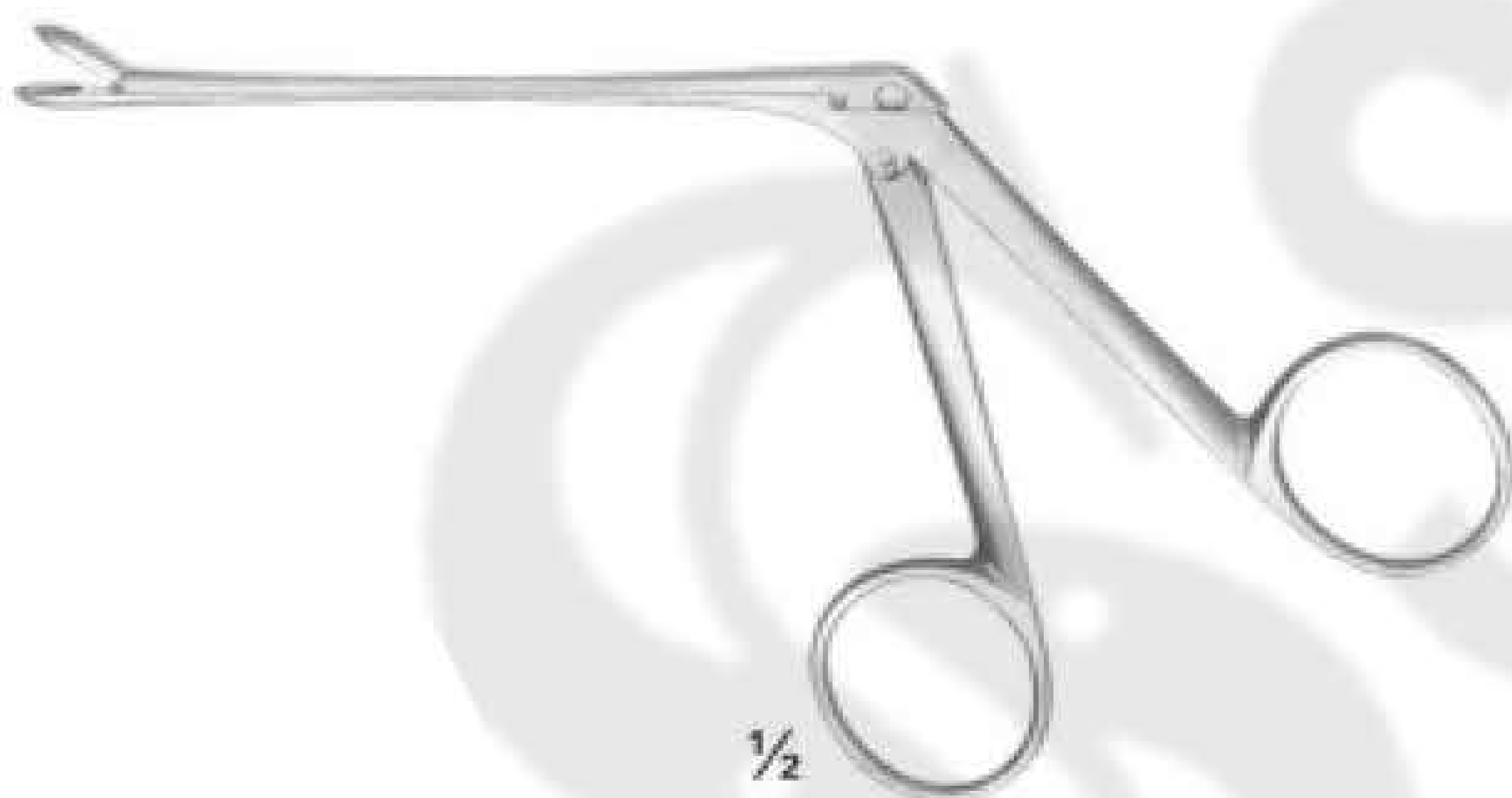
12-110
Hartmann-Wullstein
shaft length
85 mm



12-111
Hartmann
shaft length
85 mm

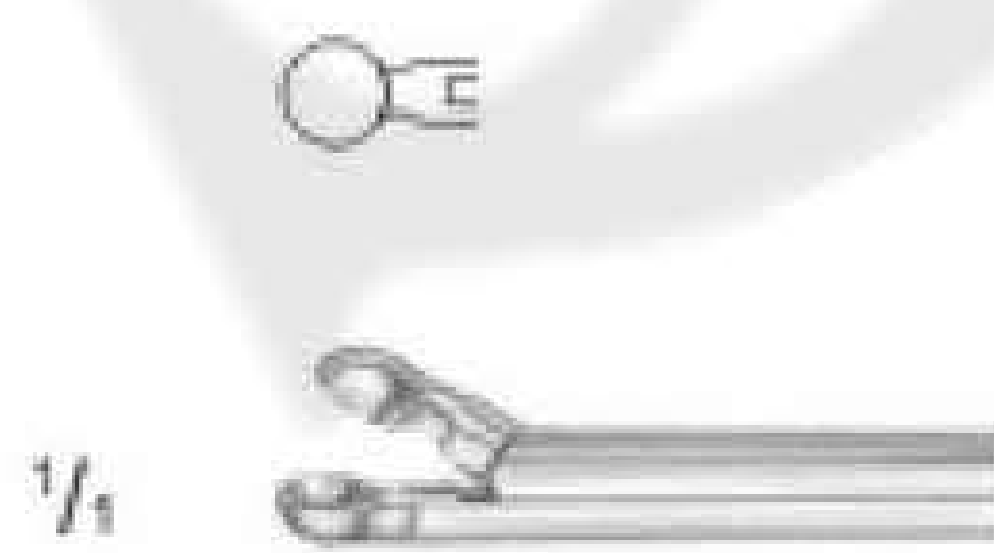


12-112
Hartmann
shaft length
85 mm

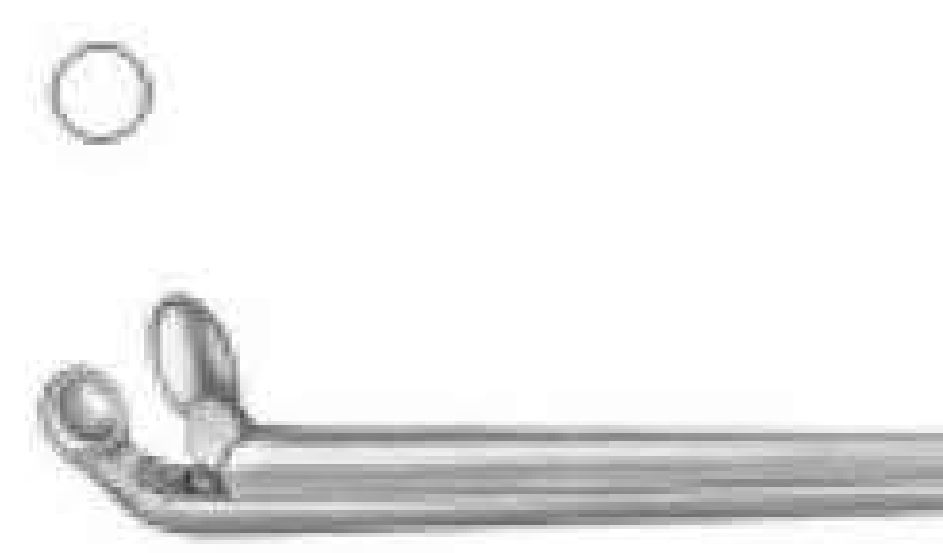


12-109 - 12-119

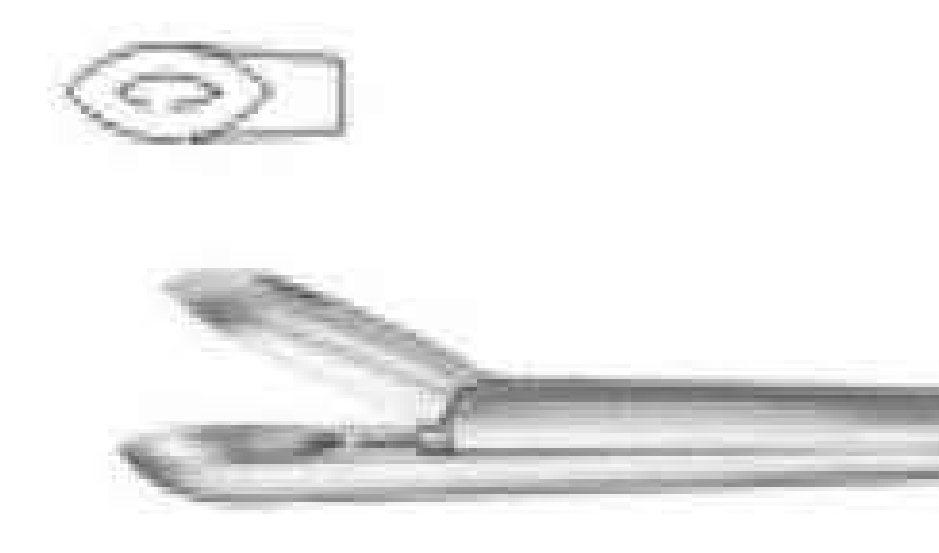
12-113
14 cm / 5 4/8"
shaft length
140 mm



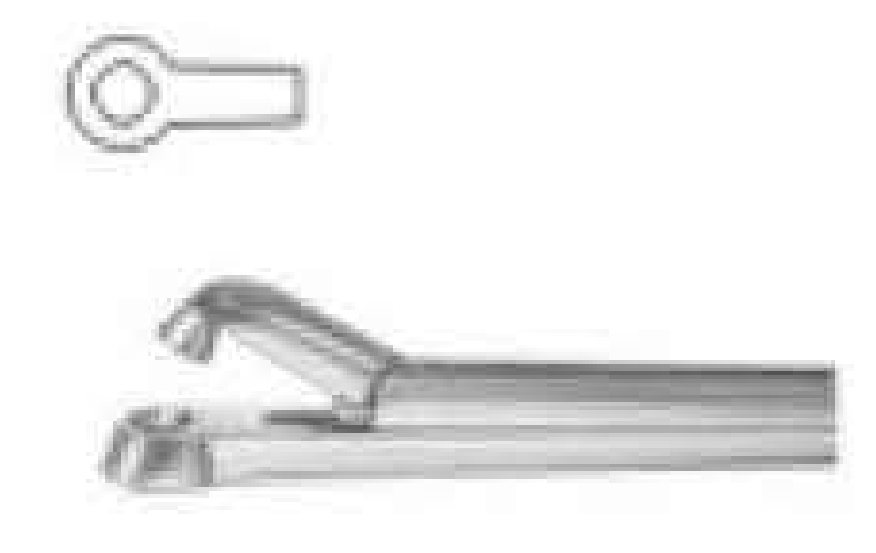
12-114
Hartmann-Herzfeilr
2,0 mm
shaft length
85mm



12-115
Hartmann
3 mm
shaft length
85mm



12-116
shaft length
85mm

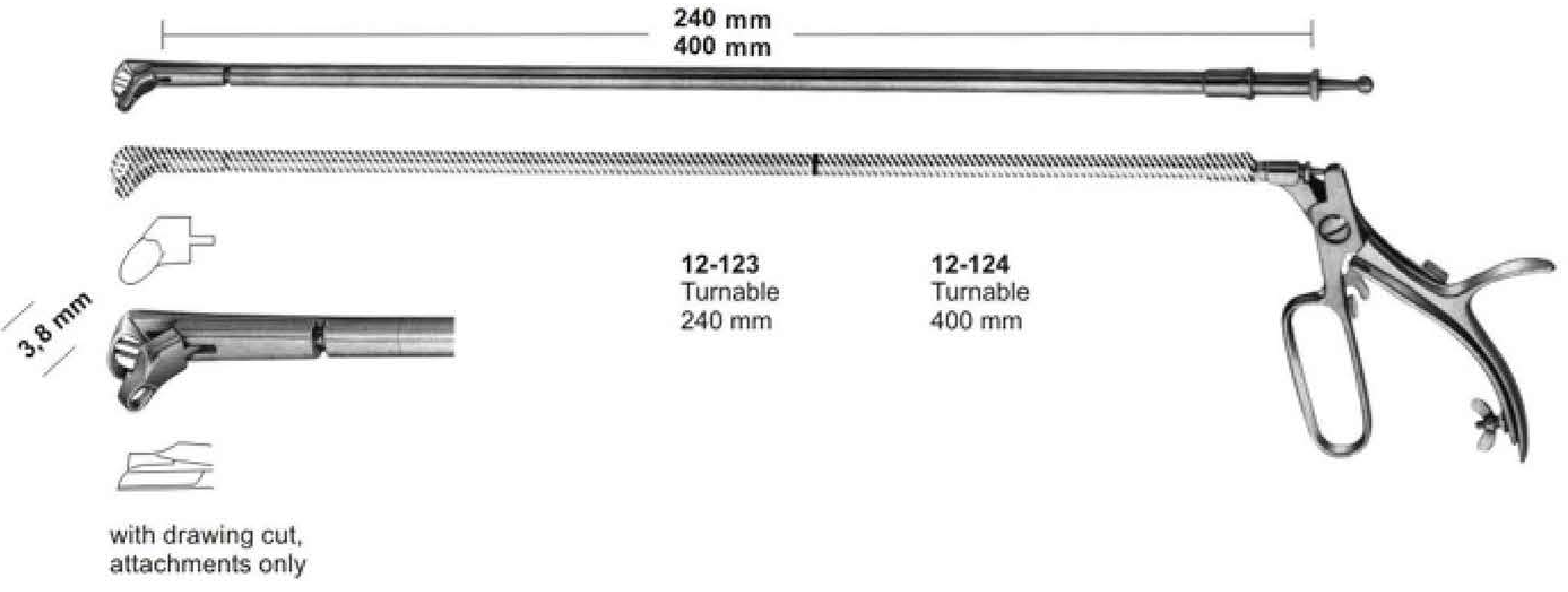
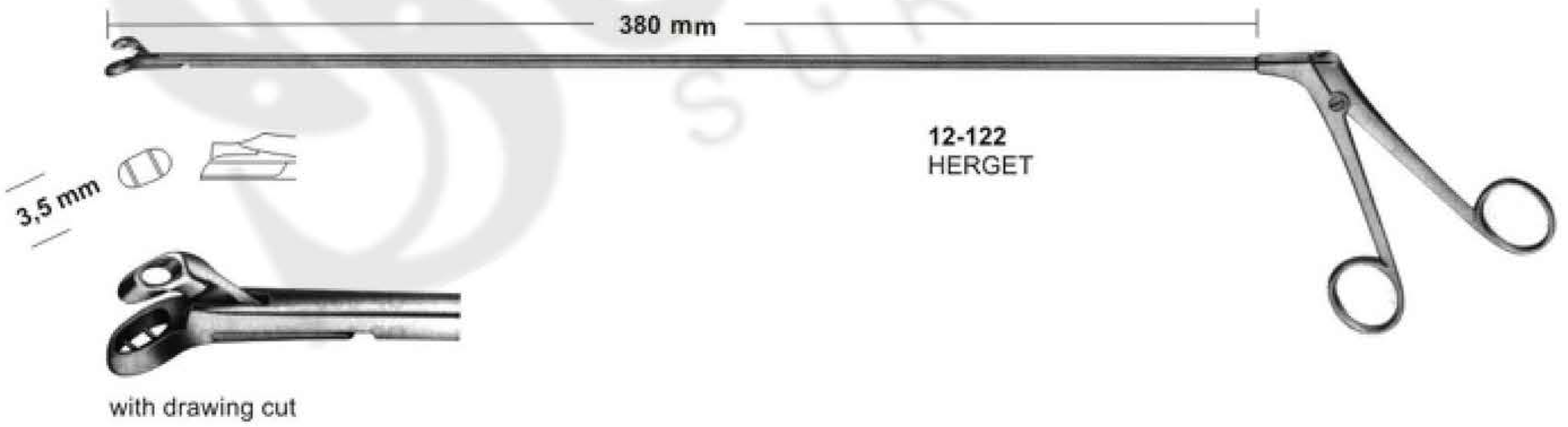
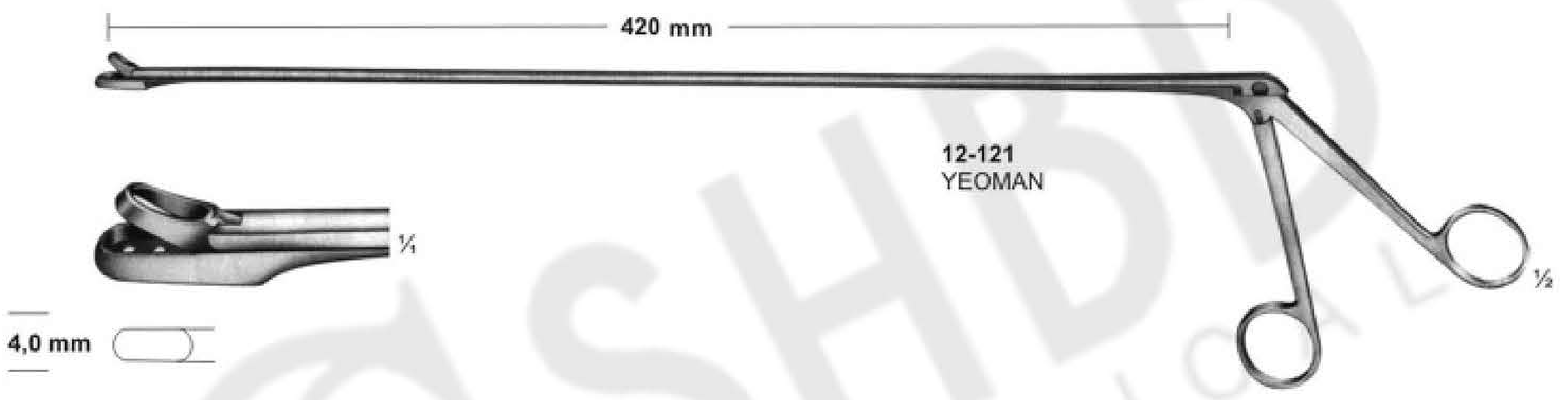
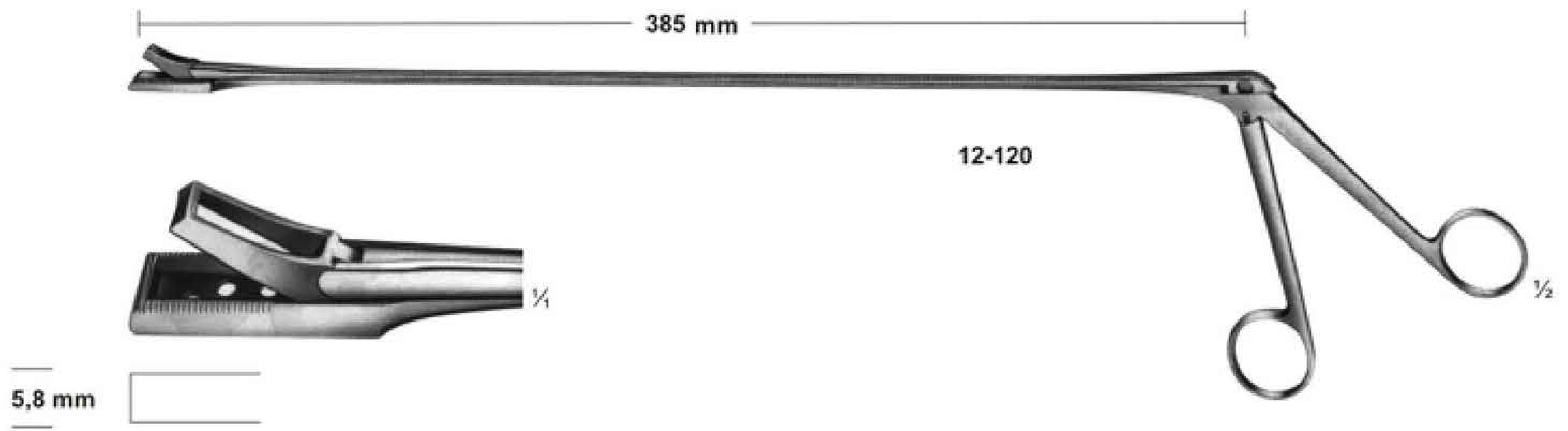


12-117
Hartmann-Hoffmar
2,0 mm
85mm

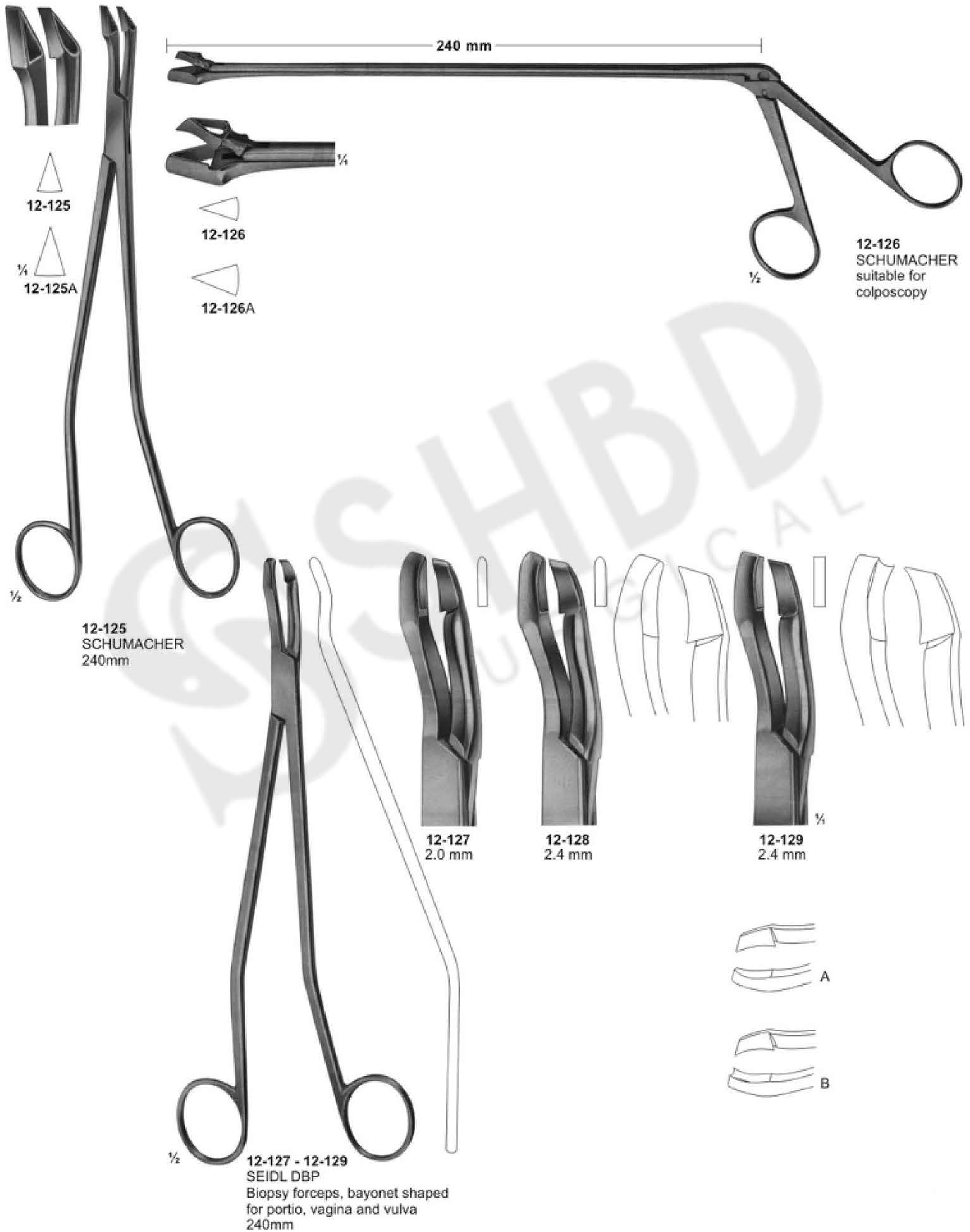
12-118
2,5 mm
85 mm

12-119
3,0 mm
85 mm

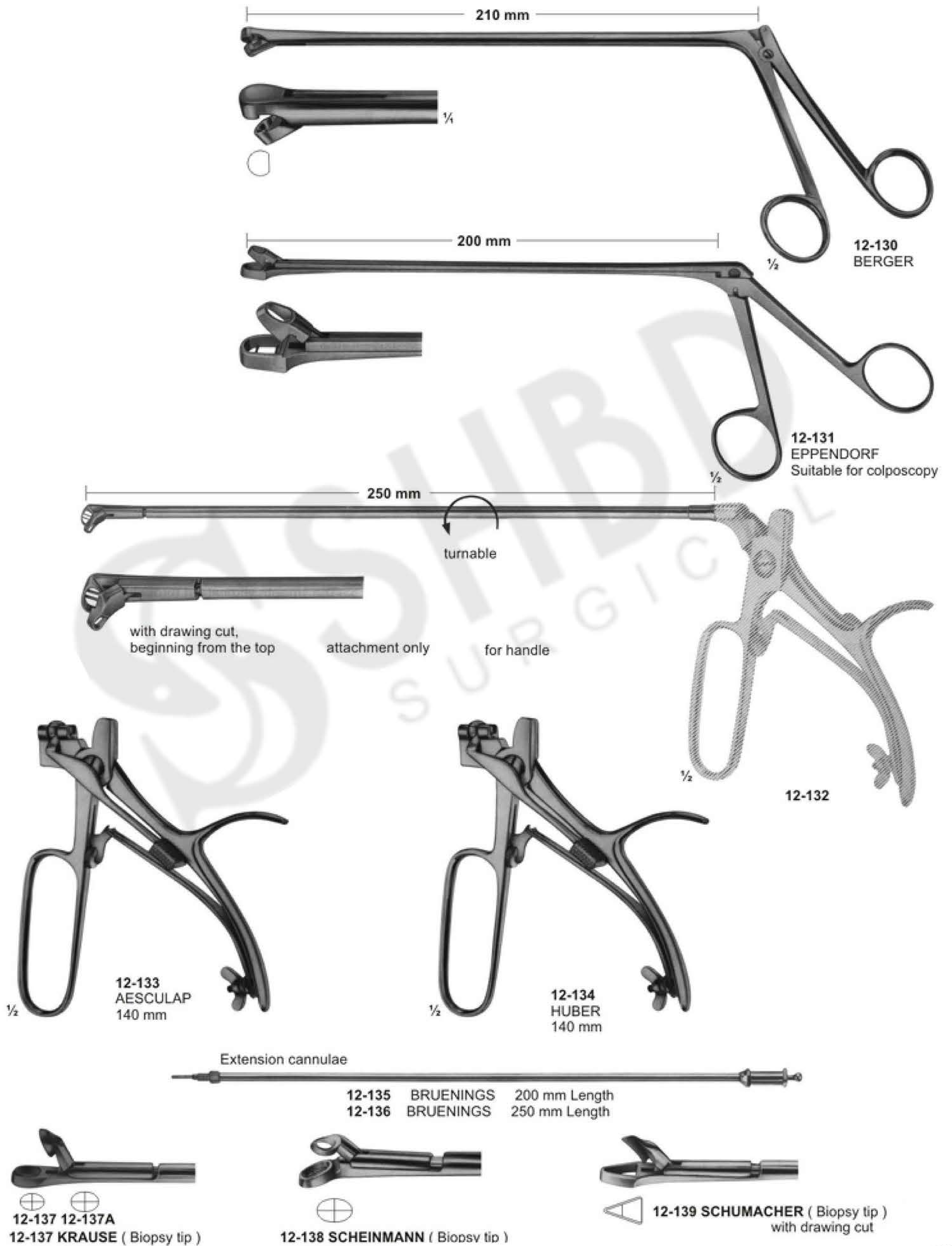
Biopsy forceps for rectum



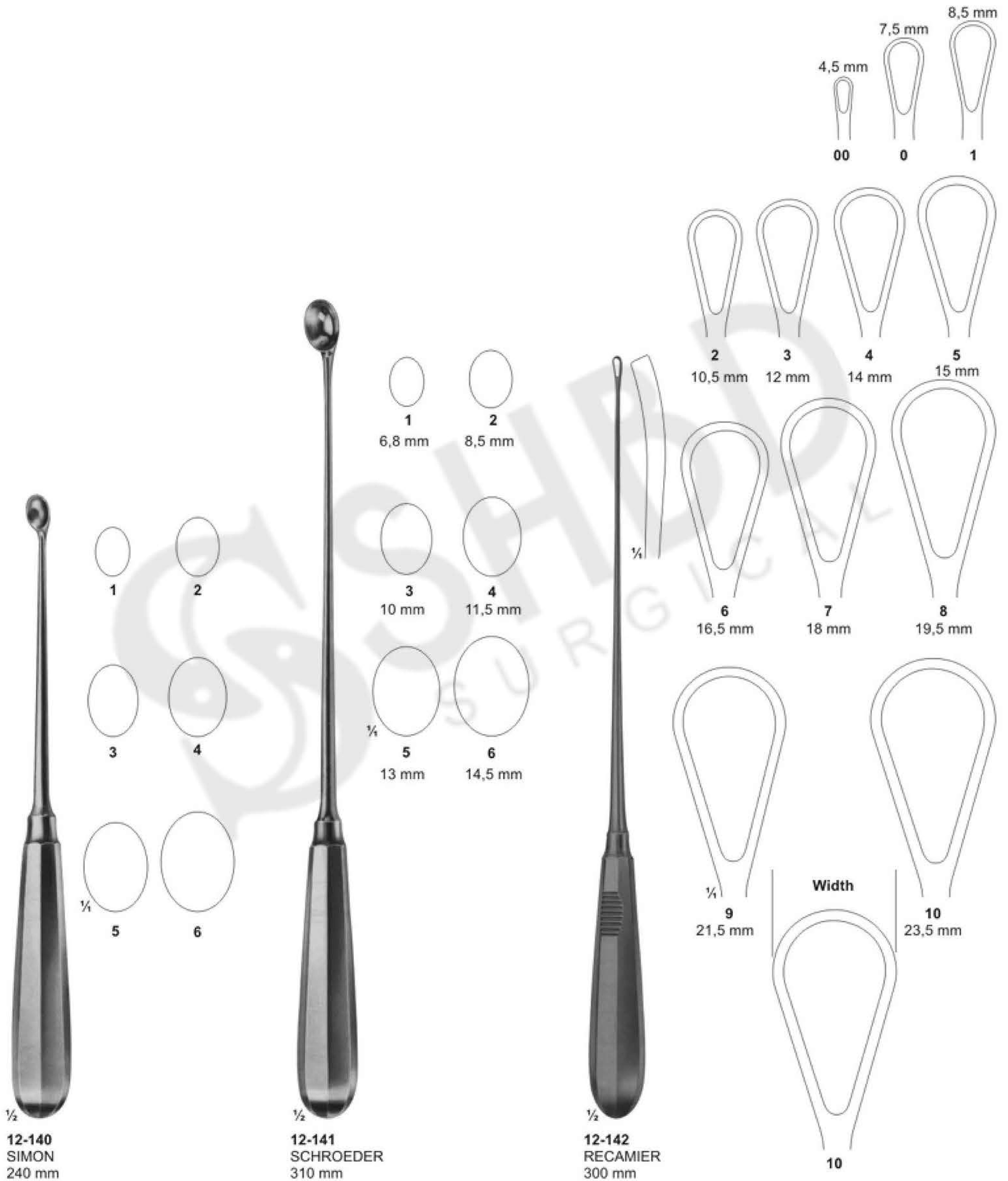
Biopsy Forceps



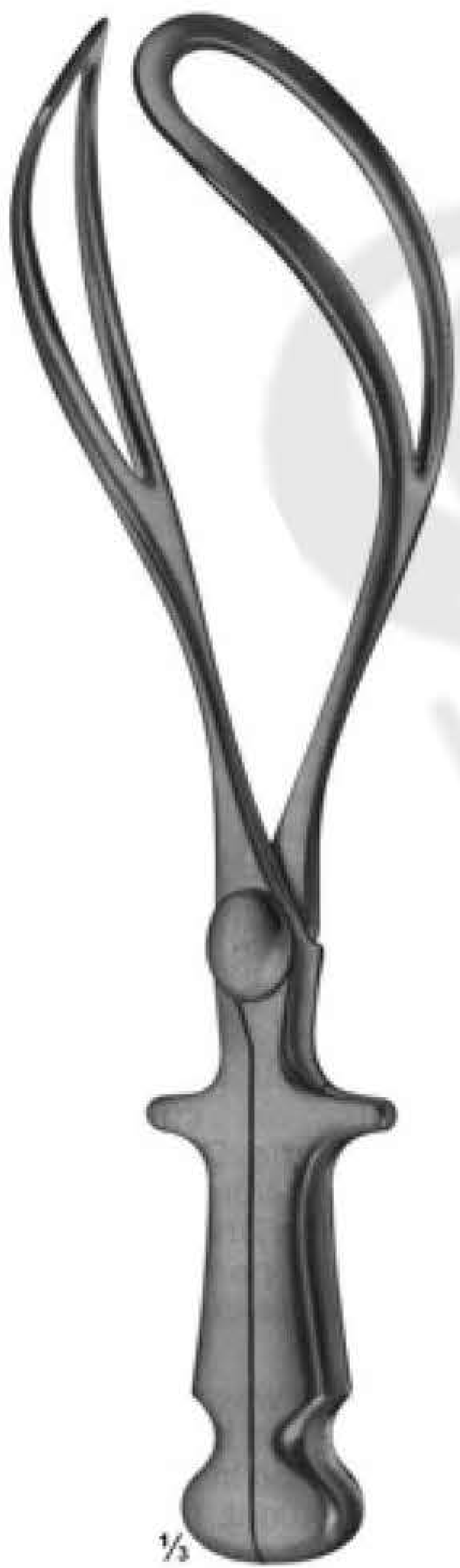
Biopsy Forceps



Uterine Scoops



Obstetrical Forceps



13-101
NAEGELE
355 mm



13-102
NAEGELE
400 mm

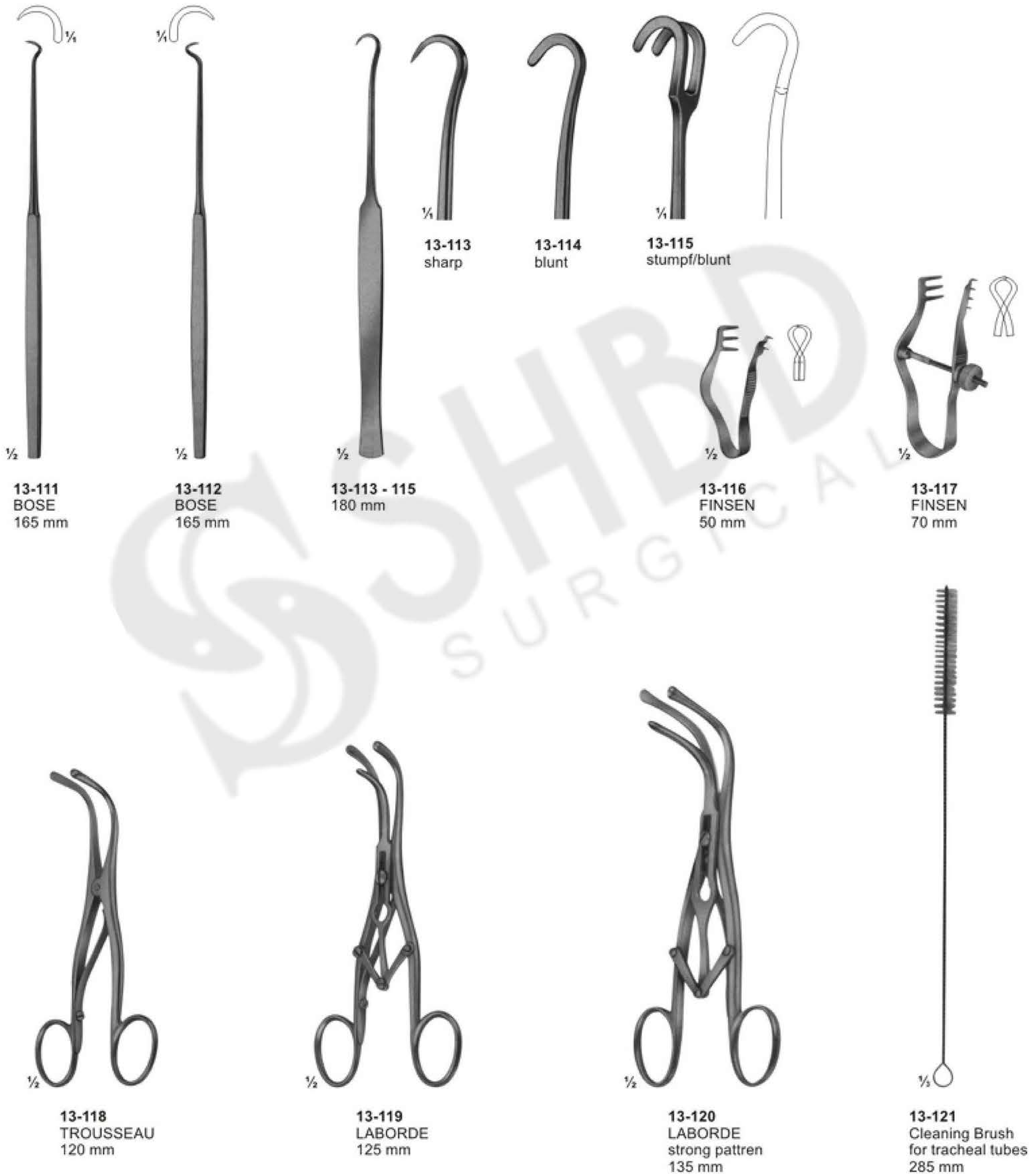


13-103
SIMPSON-BRAUN
305mm

Obstetrics- Placenta and Ovum Forceps



Tound-and Tracheal Hooks and Dilators



Vascular Spatulas

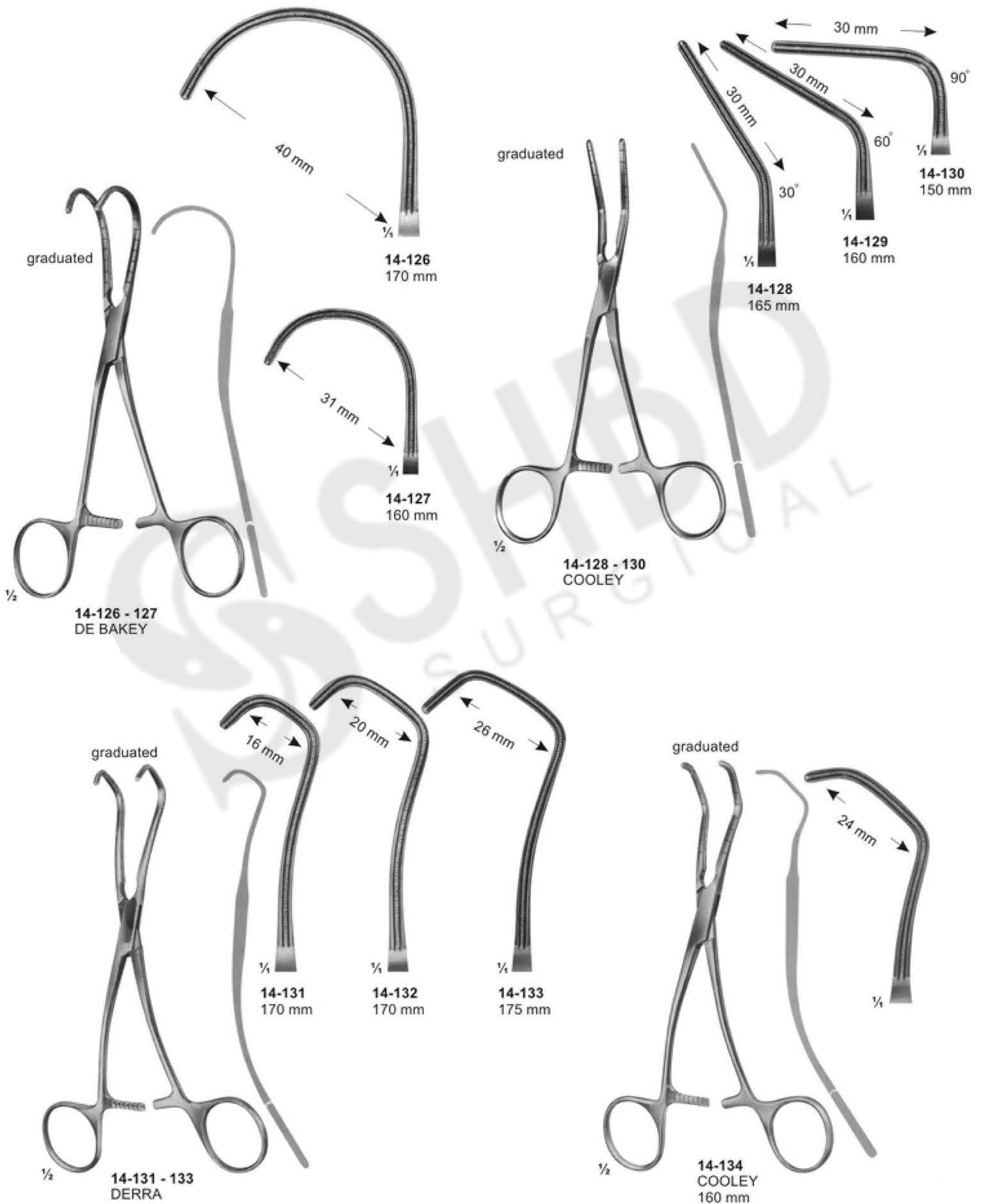


ATRAUMATA Forceps



ATRAUMATA

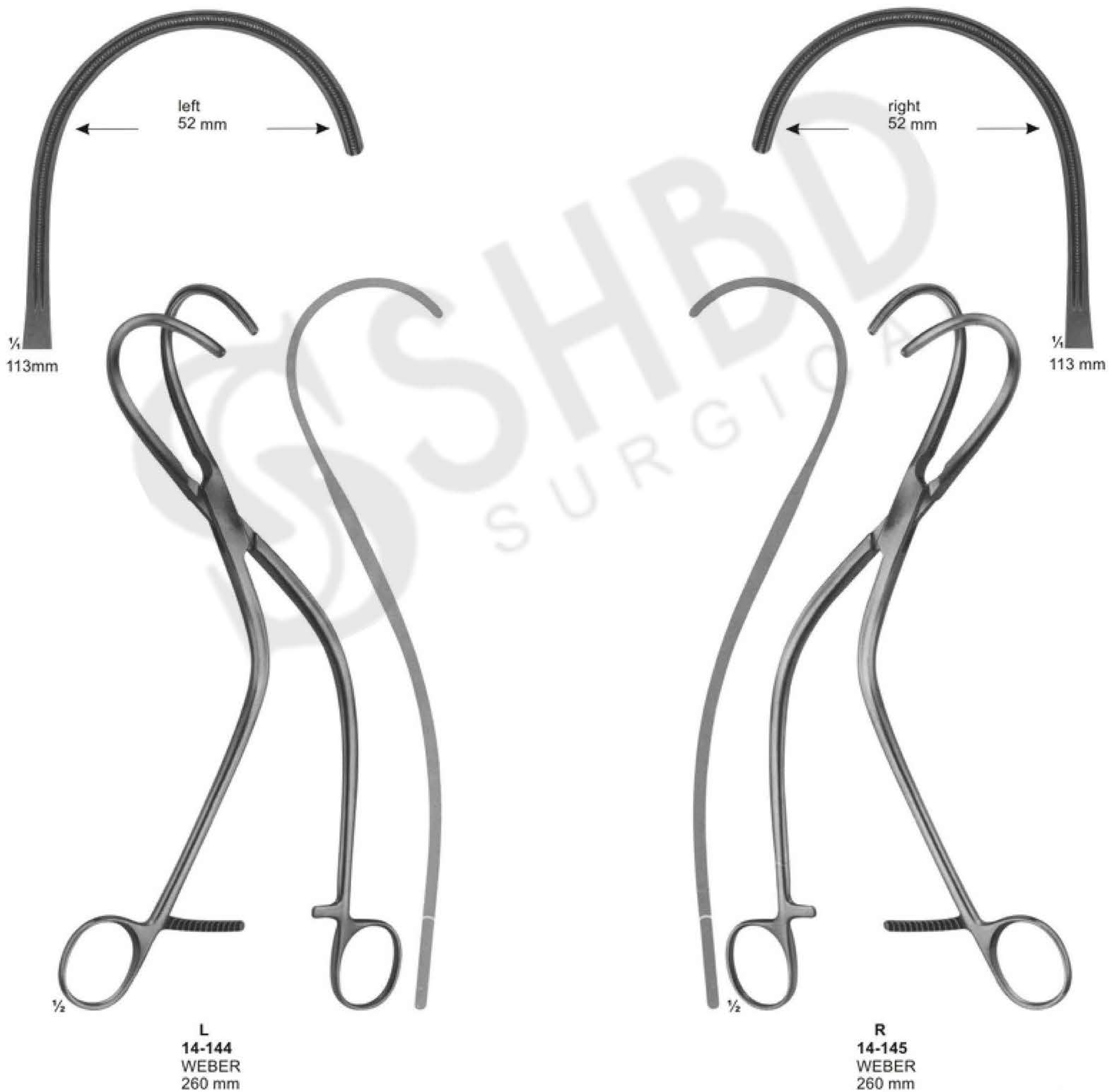
Anastomosis- and Multi- Purpose- Clamps- Pediatric type.



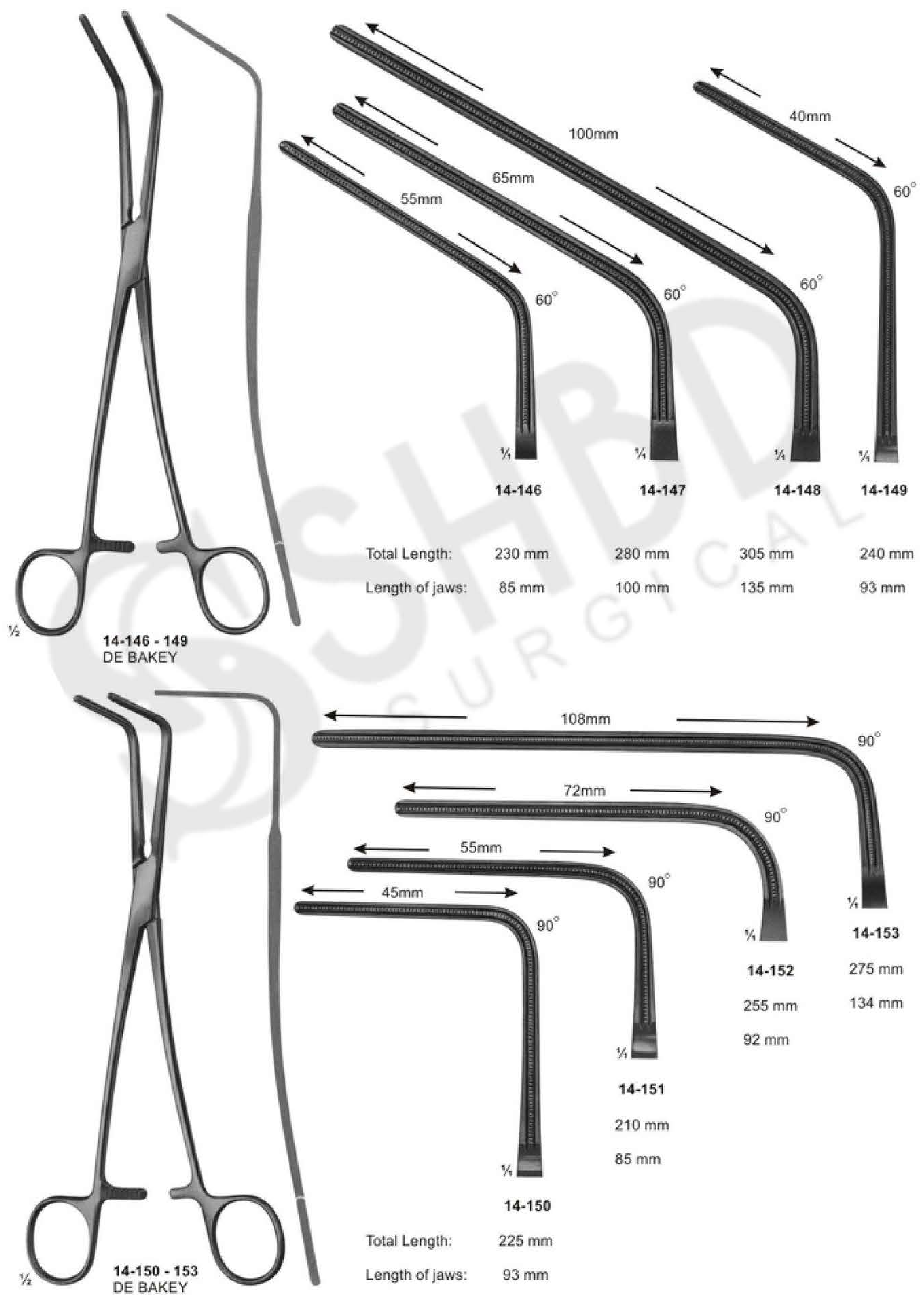
ATRAUMATA
Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamps



Aorta- Anastomosis Clamps



Multi- Purpose-Clamps



14-146 - 149 DE BAKEY

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

14-150 - 153 DE BAKEY

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

Sternum Instruments and Rib Shears



14-154
SCHUMACHER
Sternum shears
210 mm



14-155
LEBSCHÉ
Sternum chisel
200 mm



14-156
230 mm



14-157
COLLIN
195 mm



14-158
GLUCK
190 mm



14-159
BETHUNE
340 mm



14-160
BRUNNER
Universal pattern
340 mm



14-161
GIERTZ-STILLE
250 mm

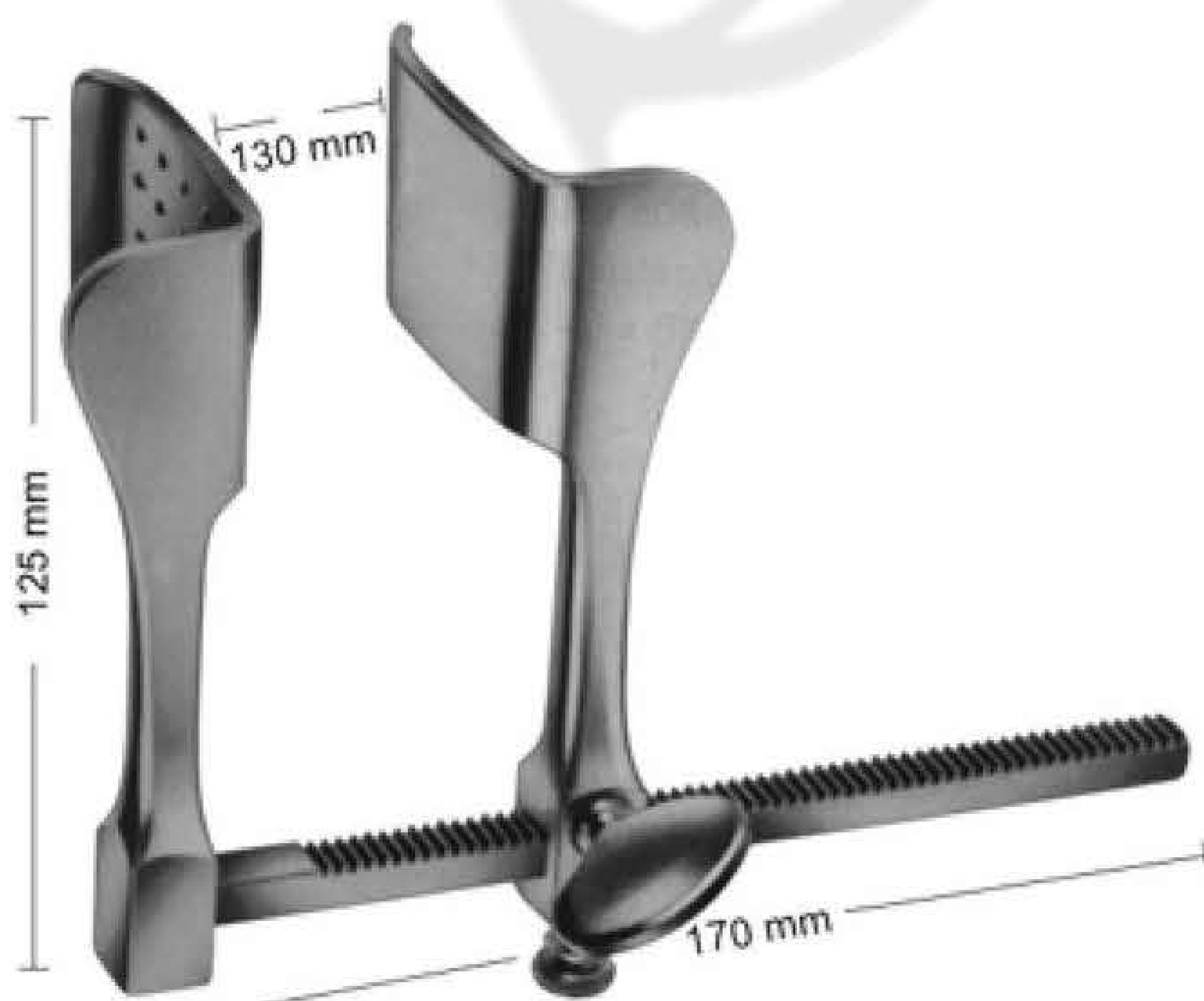
Rib Spreaders



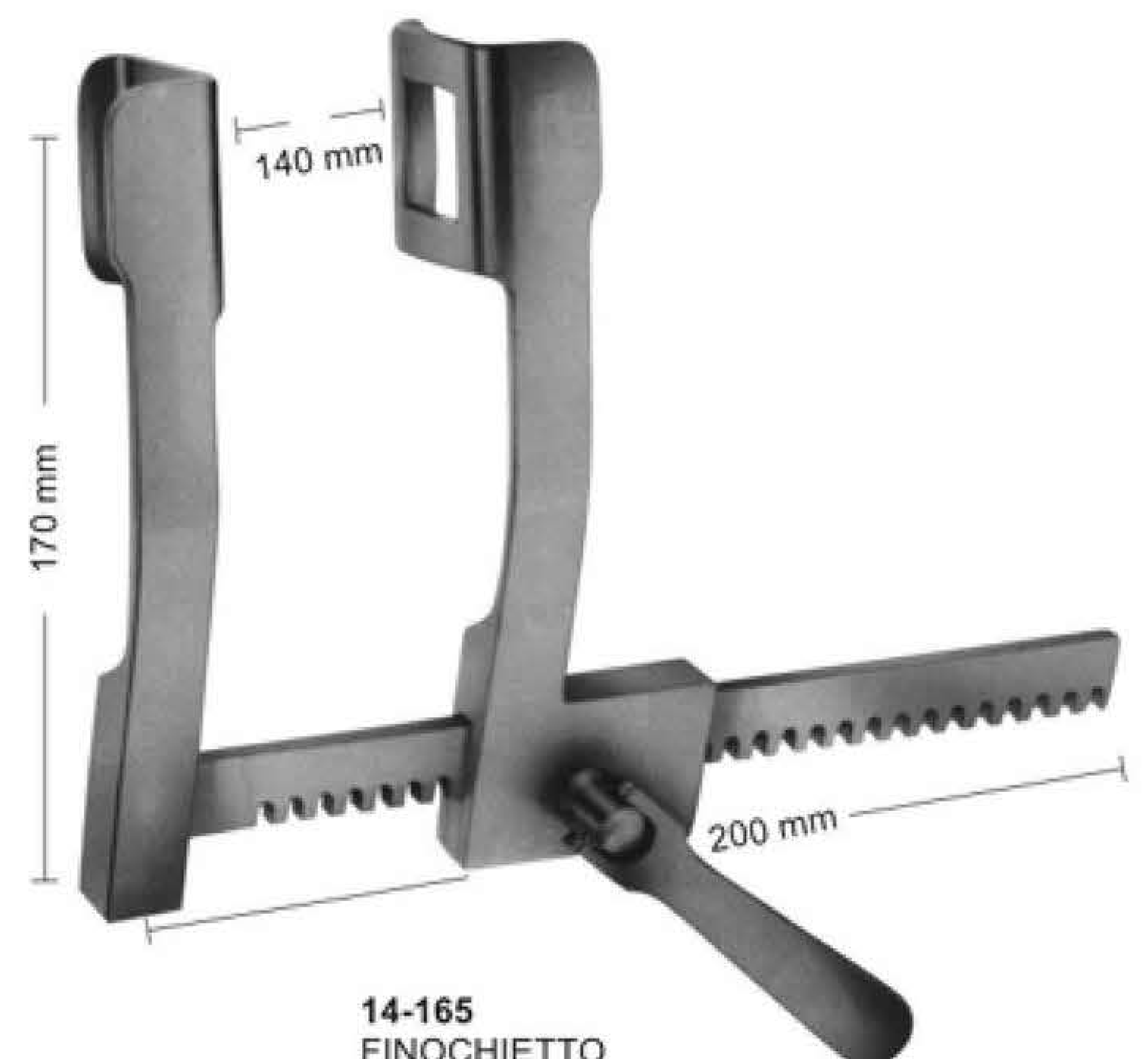
14-162
FINOCHIETTO
Blades
18X21 mm



14-163
HERTZLER
Blades
20X25 mm



14-164
TUFFIER
Blades
43X53 mm



14-165
FINOCHIETTO
Blades
36X45 mm

Rib Spreaders-and Contractors



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



14-167
BAILEY
150 mm




14-168
for children

14-169
for adults

14-168 - 169
BAILEY
200 mm

Punches

130° upwards cutting

15-101
1 mm 
KERRISON - JACOBY

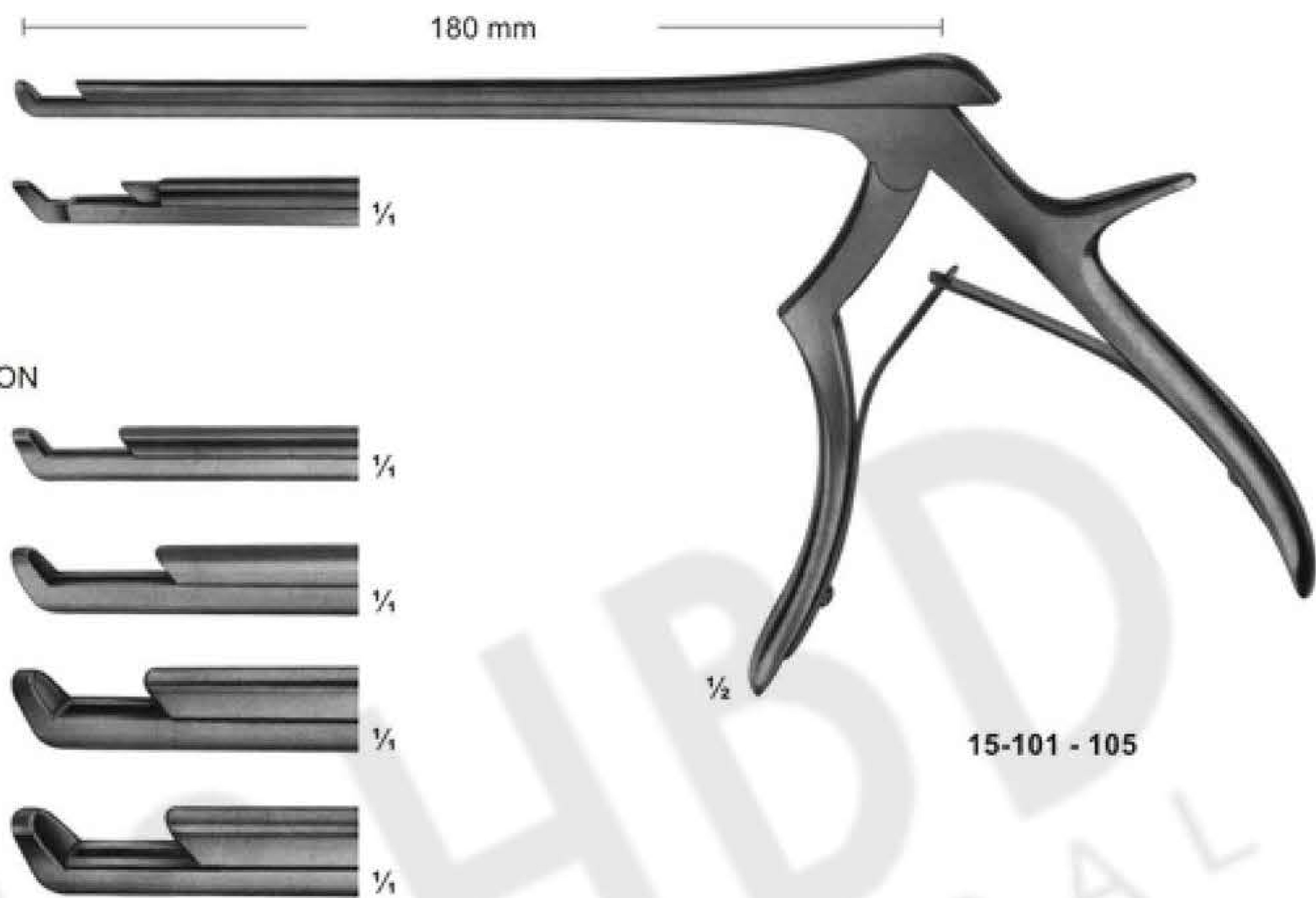
FERRIS-SMITH-KERRISON

15-102
2 mm 

15-103
3 mm 

15-104
4 mm 

15-105
5 mm 



15-101 - 105

90° upwards cutting

KERRISON - JACOBY

15-106
1 mm 

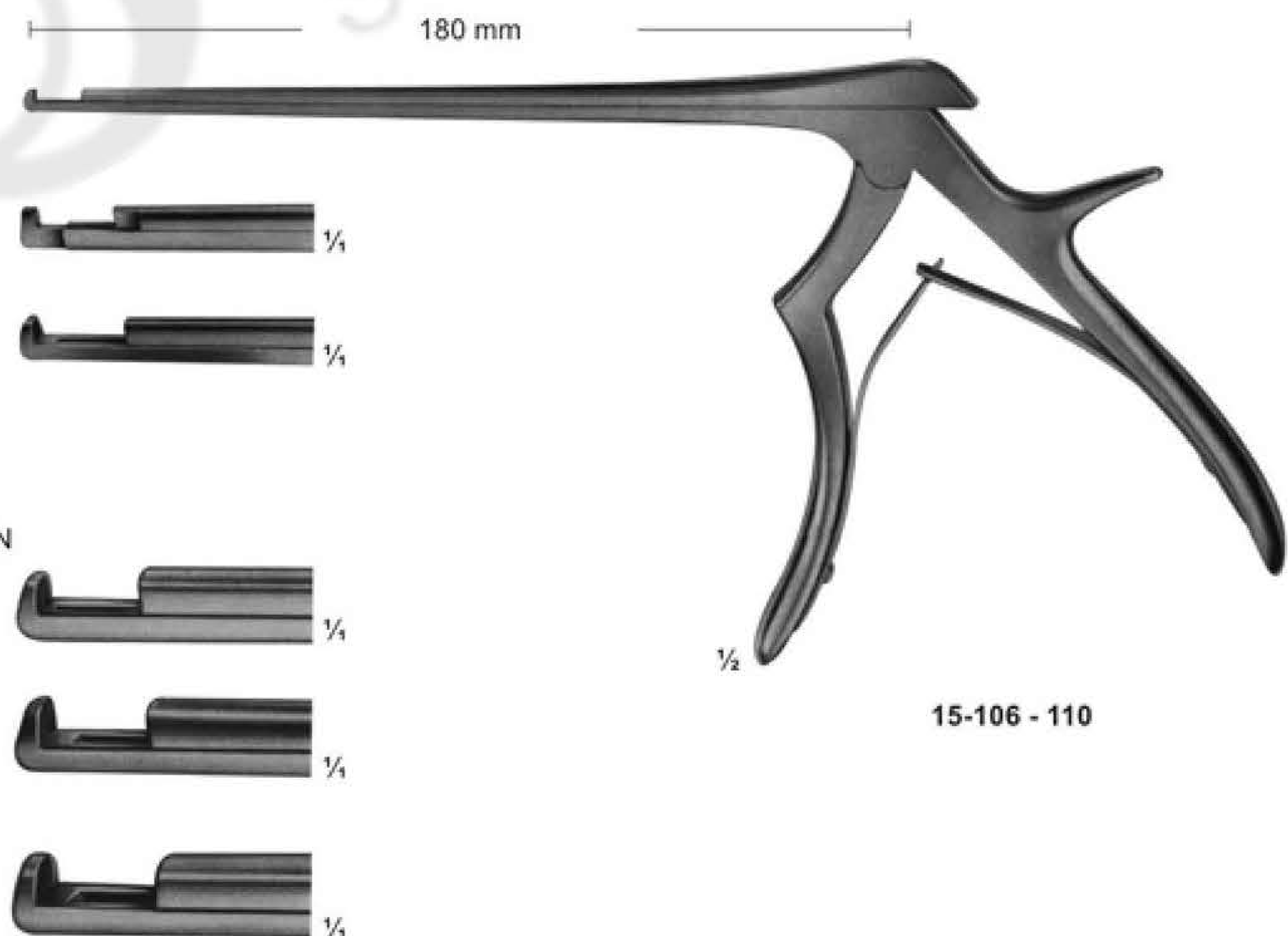
15-107
2 mm 

FERRIS-SMITH-KERRISON

15-108
3 mm 

15-109
4 mm 

15-110
5 mm 



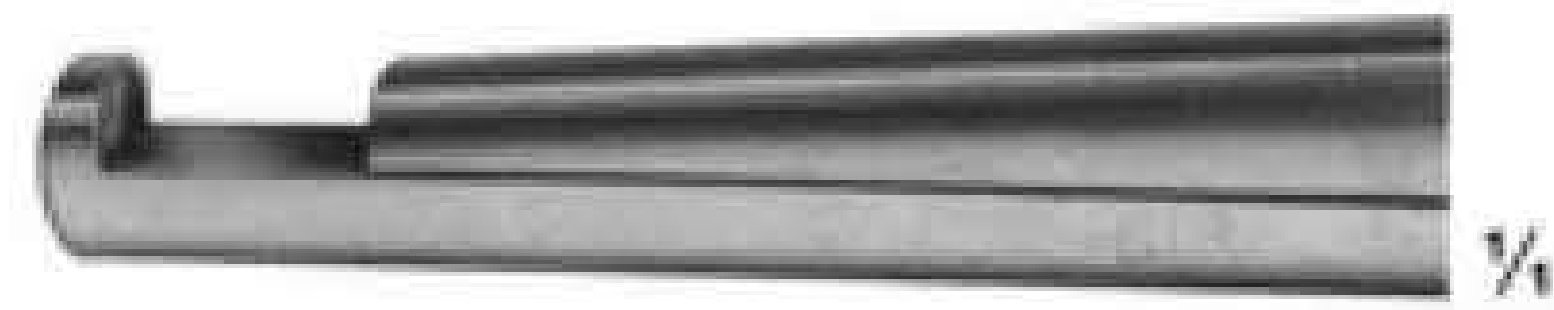
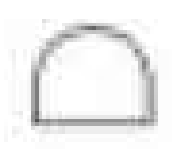
15-106 - 110

Punches

90° upwards cutting

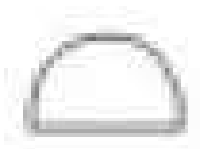
85 mm

15-111
4 mm

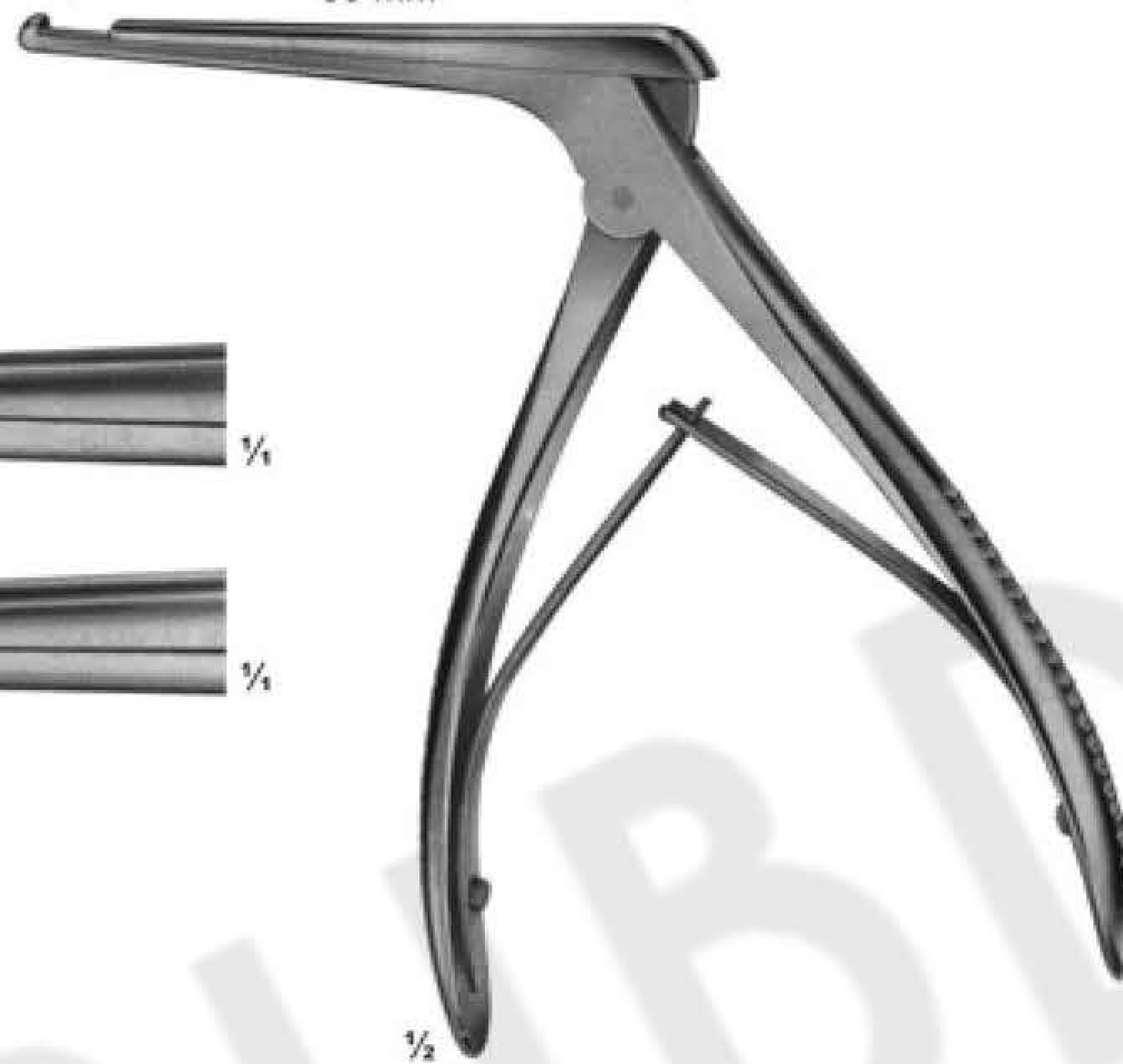


1/4

15-112
5 mm



1/4



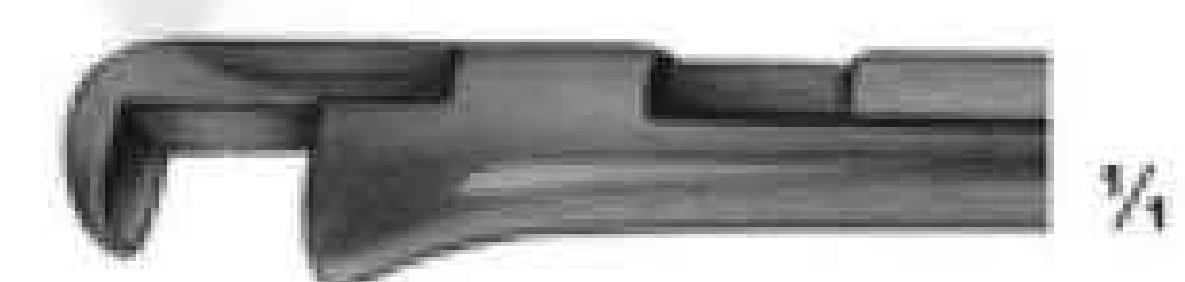
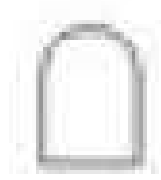
1/2

15-111 - 15-112
KERRISON

90° upwards cutting

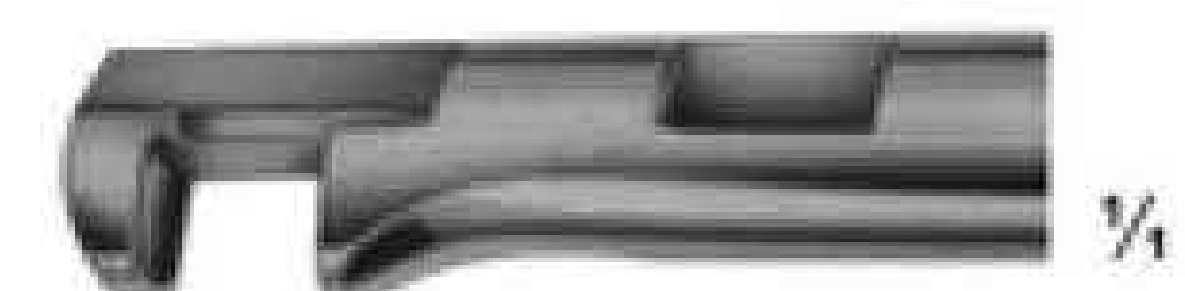
140 mm

15-113
3,3 mm

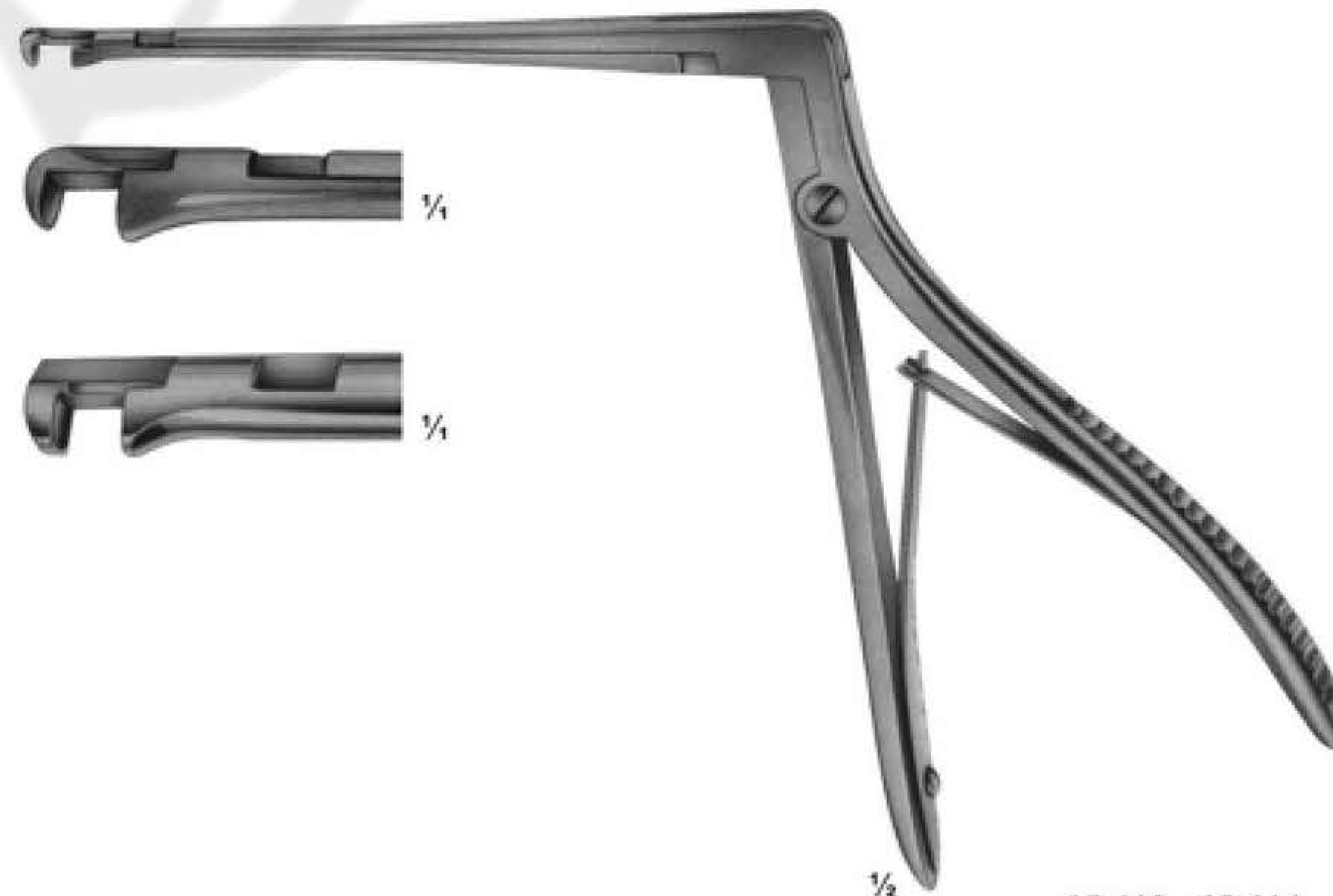


1/4

15-114
4,0 mm



1/4



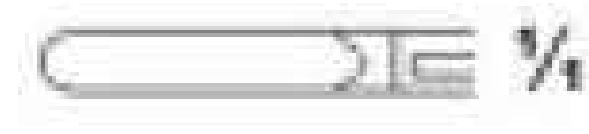
1/2

15-113 - 15-114
HAJEK-KOFLER

Rongeurs

LOVE-GRUENWALD

15-115
2 X 10 mm

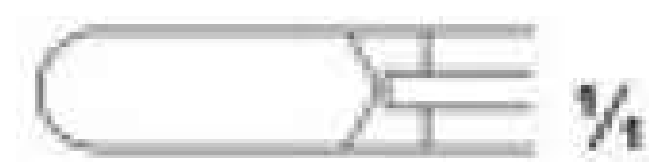


15-116
3 X 10 mm



SPURLING

15-117
4 X 10 mm



15-115 - 15-117

15-118
2 mm



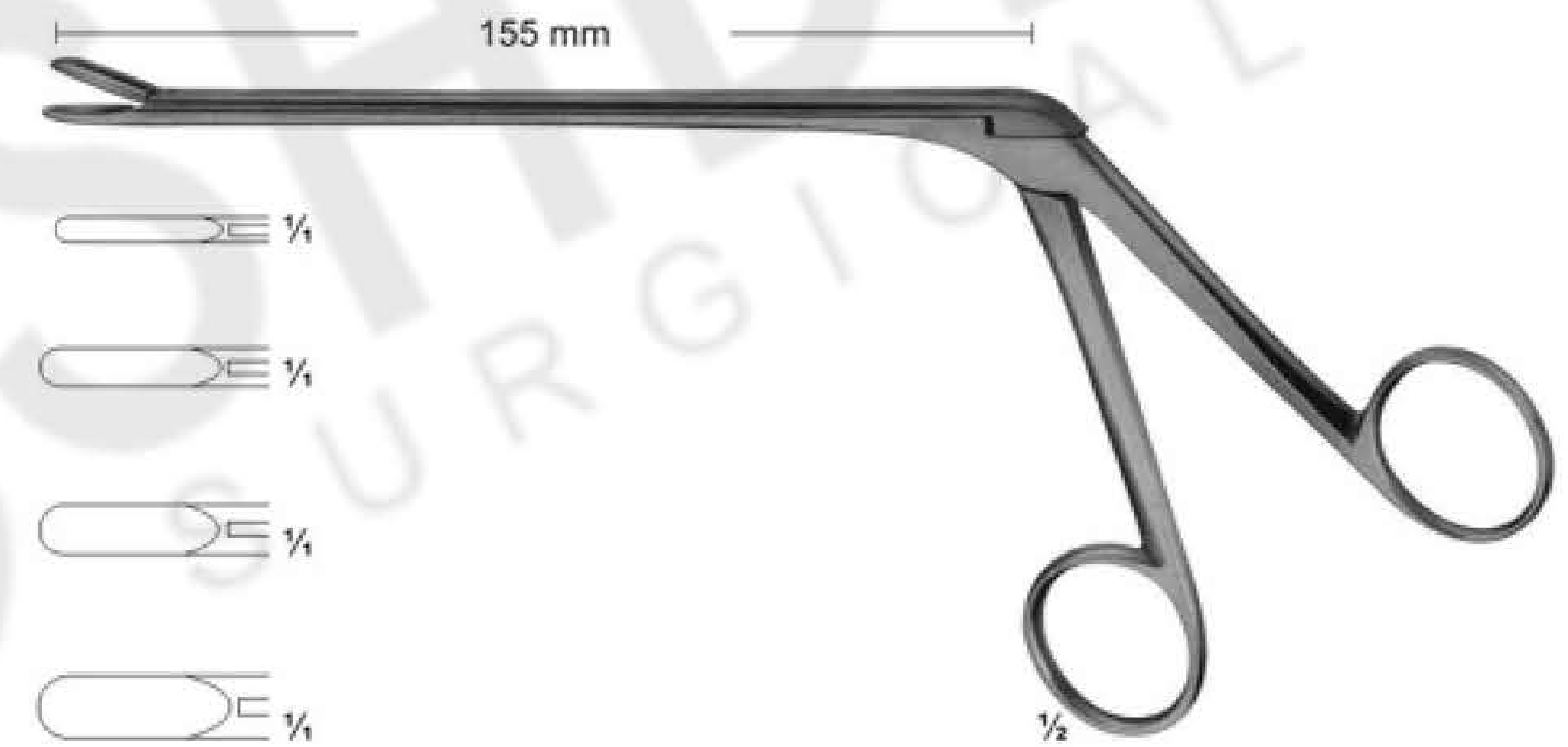
15-119
3 mm



15-120
4 mm



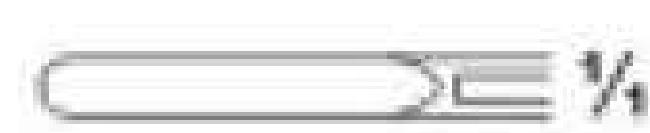
15-121
5 mm



15-118 - 15-121
CASPAR

150°

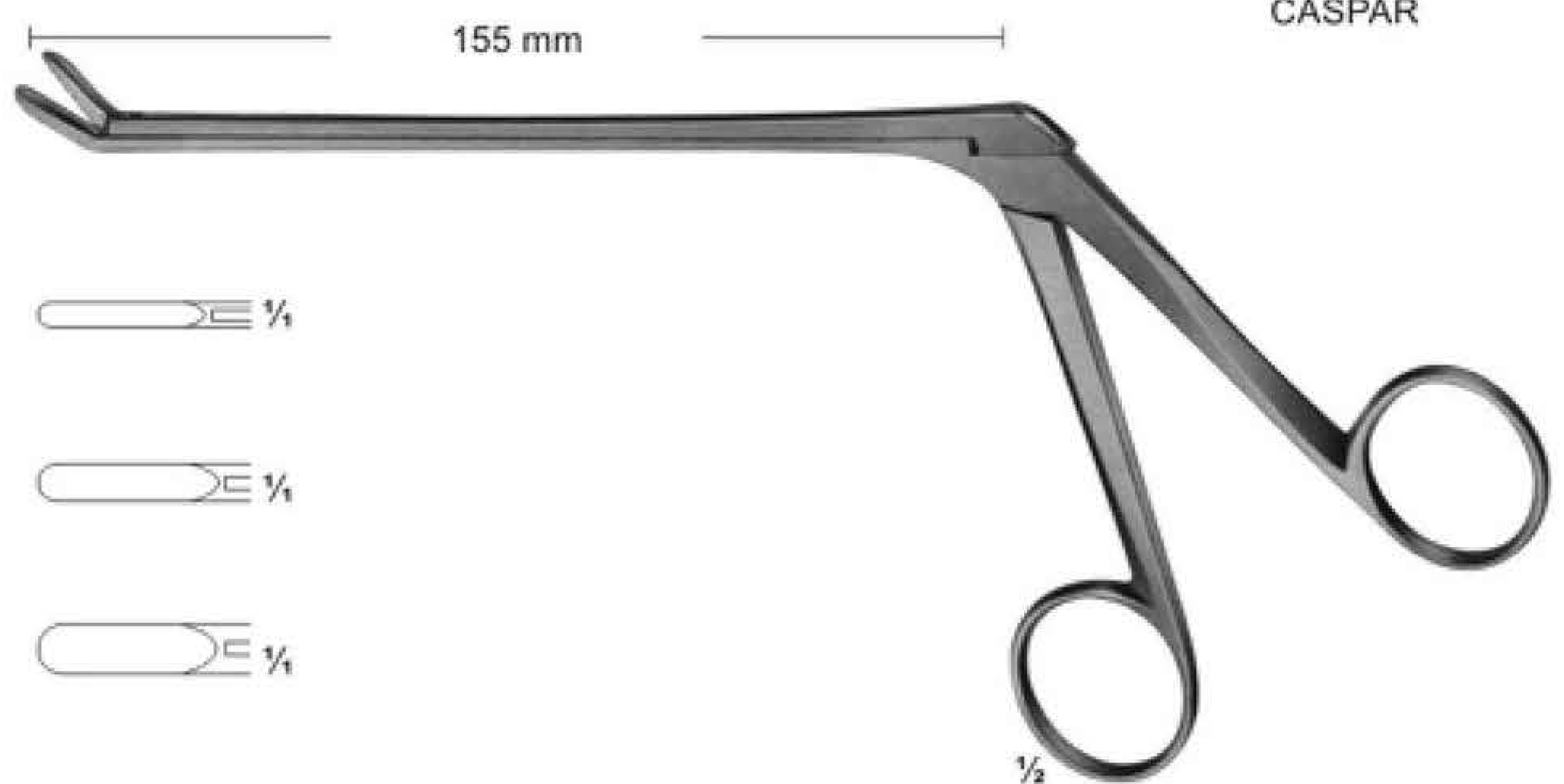
15-122
2 mm



15-123
3 mm



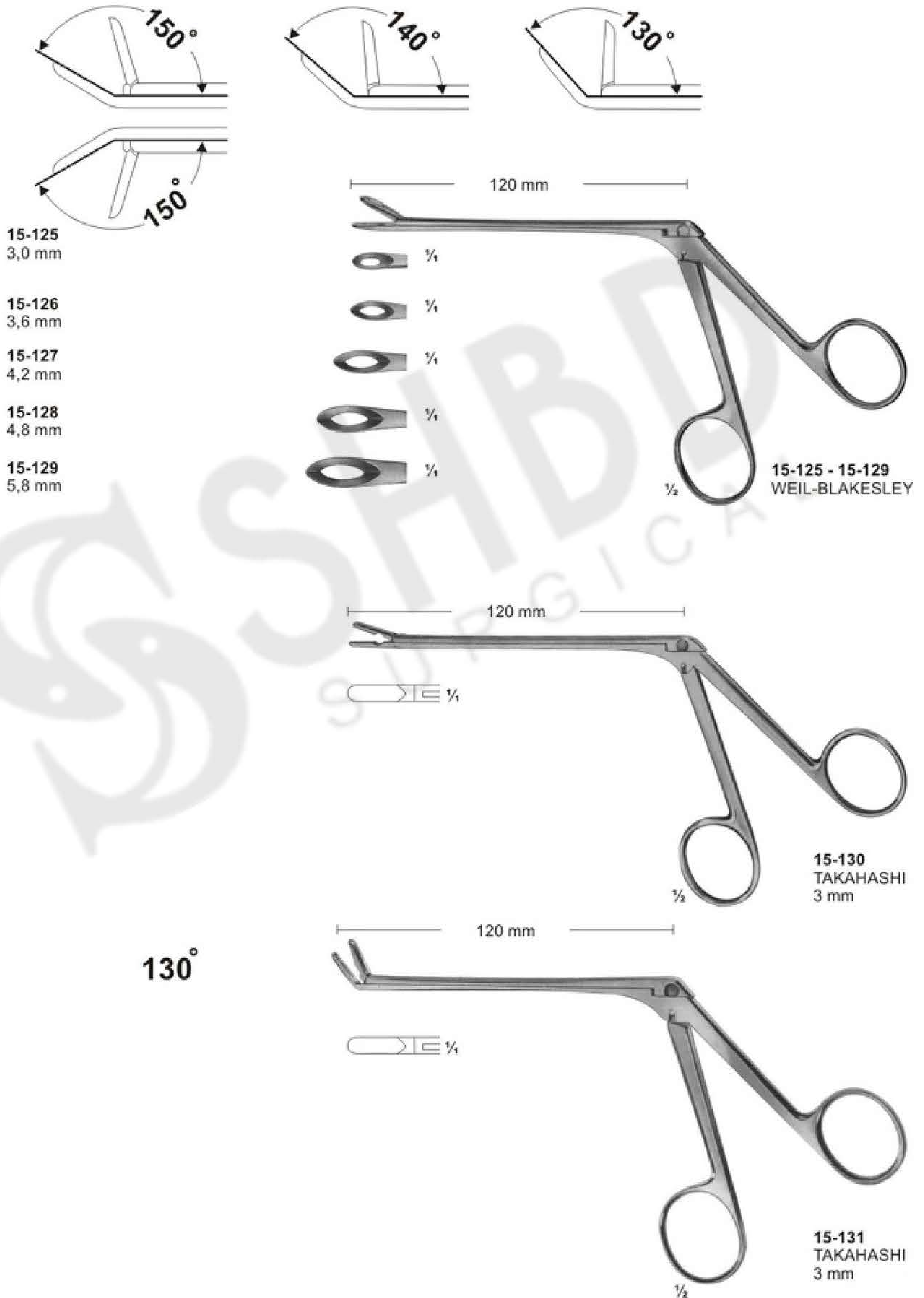
15-124
4 mm



15-122 - 15-124
CASPAR

Rongeurs

Angled positions for rongeurs








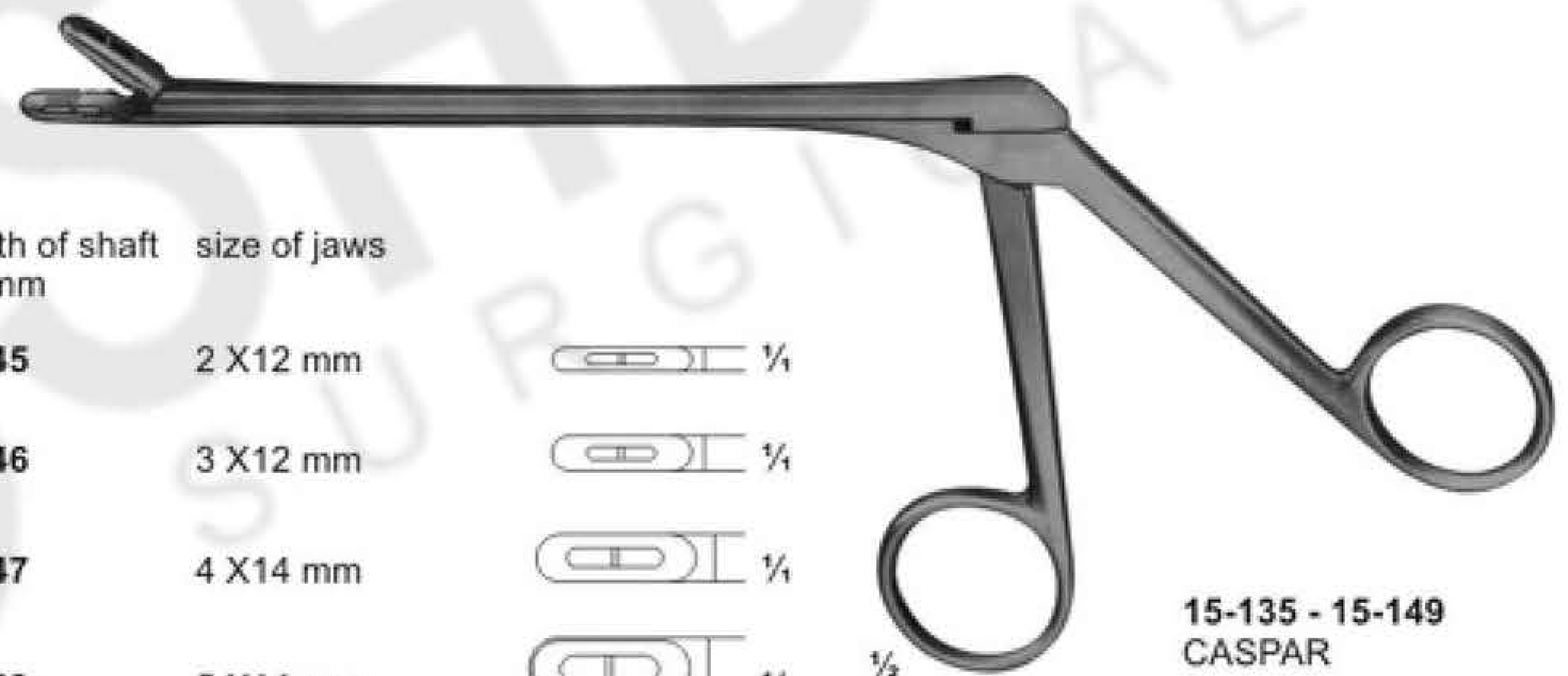
Rongeurs

150°




Lower part of jaws movable

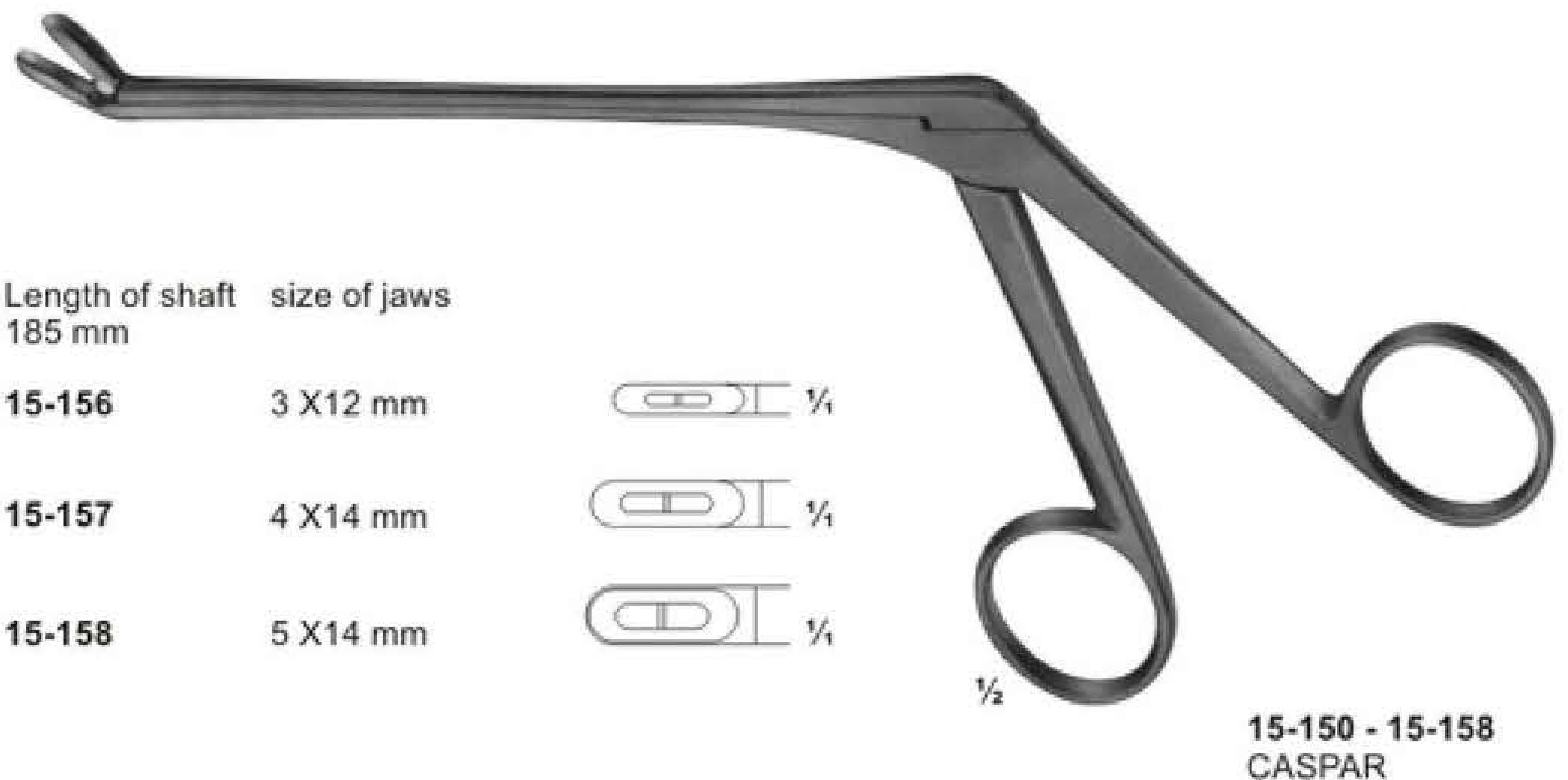


Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws	
15-135	15-140	15-145	2 X12 mm	 1/4
15-136	15-141	15-146	3 X12 mm	 1/4
15-137	15-142	15-147	4 X14 mm	 1/4
15-138	15-143	15-148	5 X14 mm	 1/4
15-139	15-144	15-149	6 X16 mm	 1/4

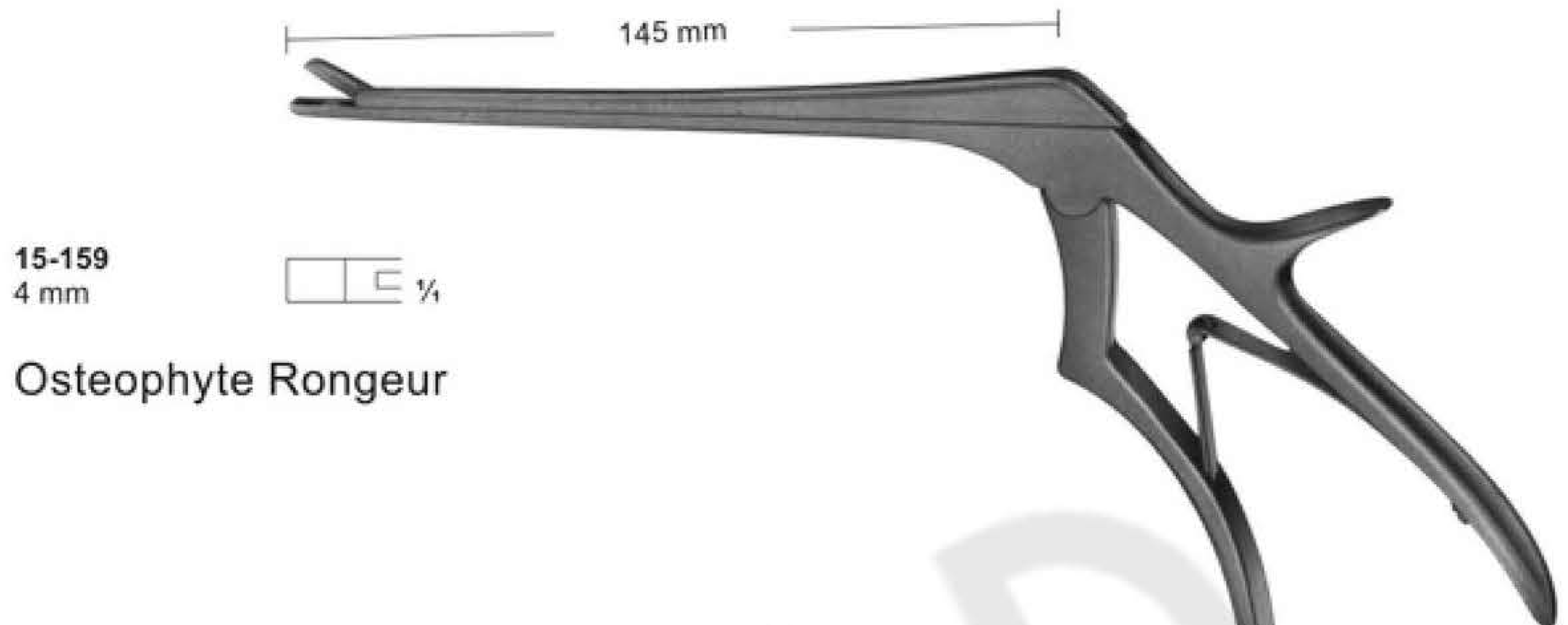


150°

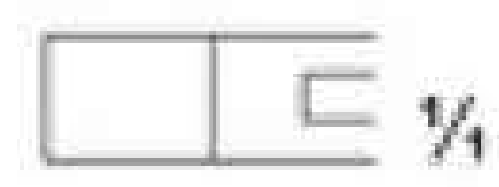
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws	
15-150	15-153	15-156	3 X12 mm	 1/4
15-151	15-154	15-157	4 X14 mm	 1/4
15-152	15-155	15-158	5 X14 mm	 1/4



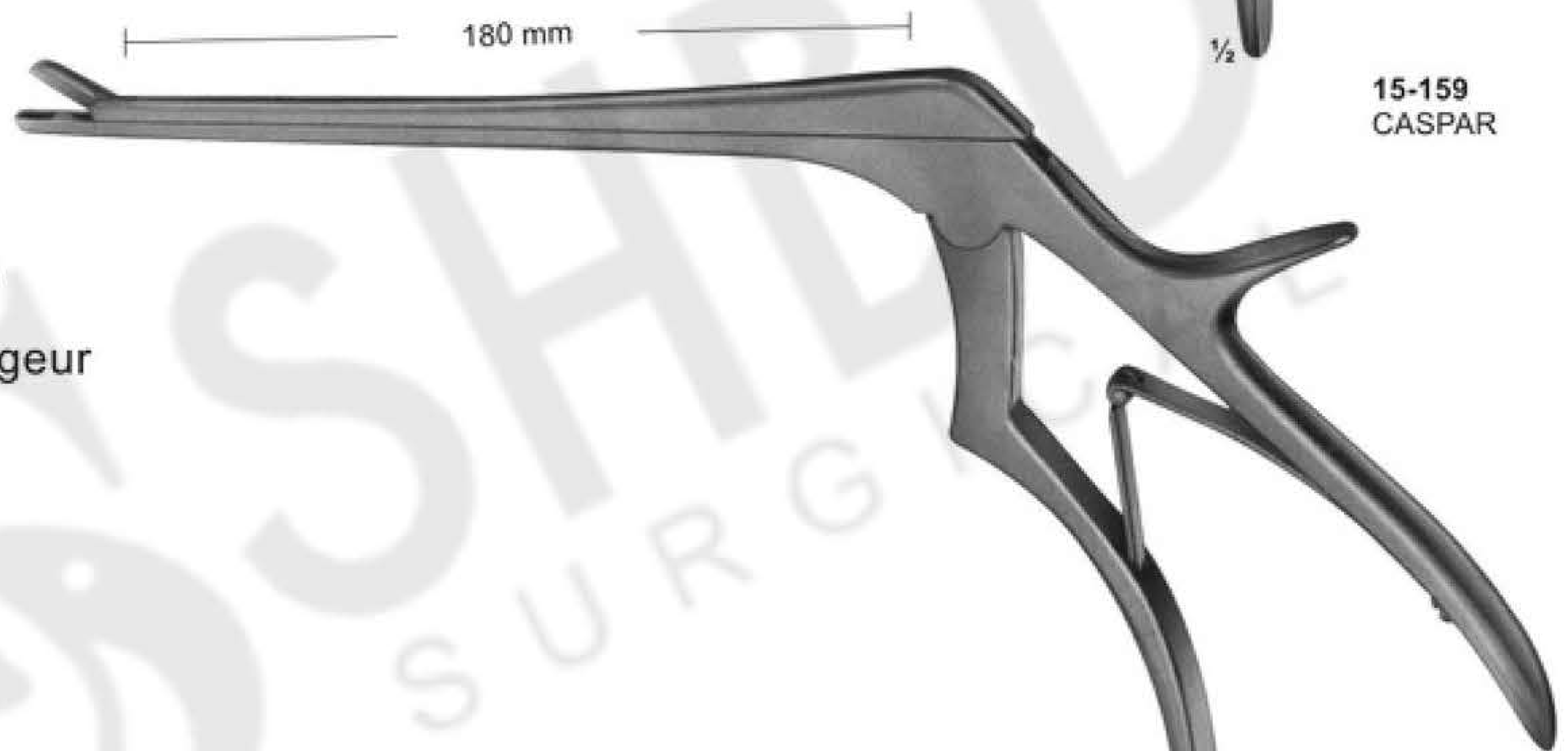
Rongeurs



15-159
4 mm



Osteophyte Rongeur

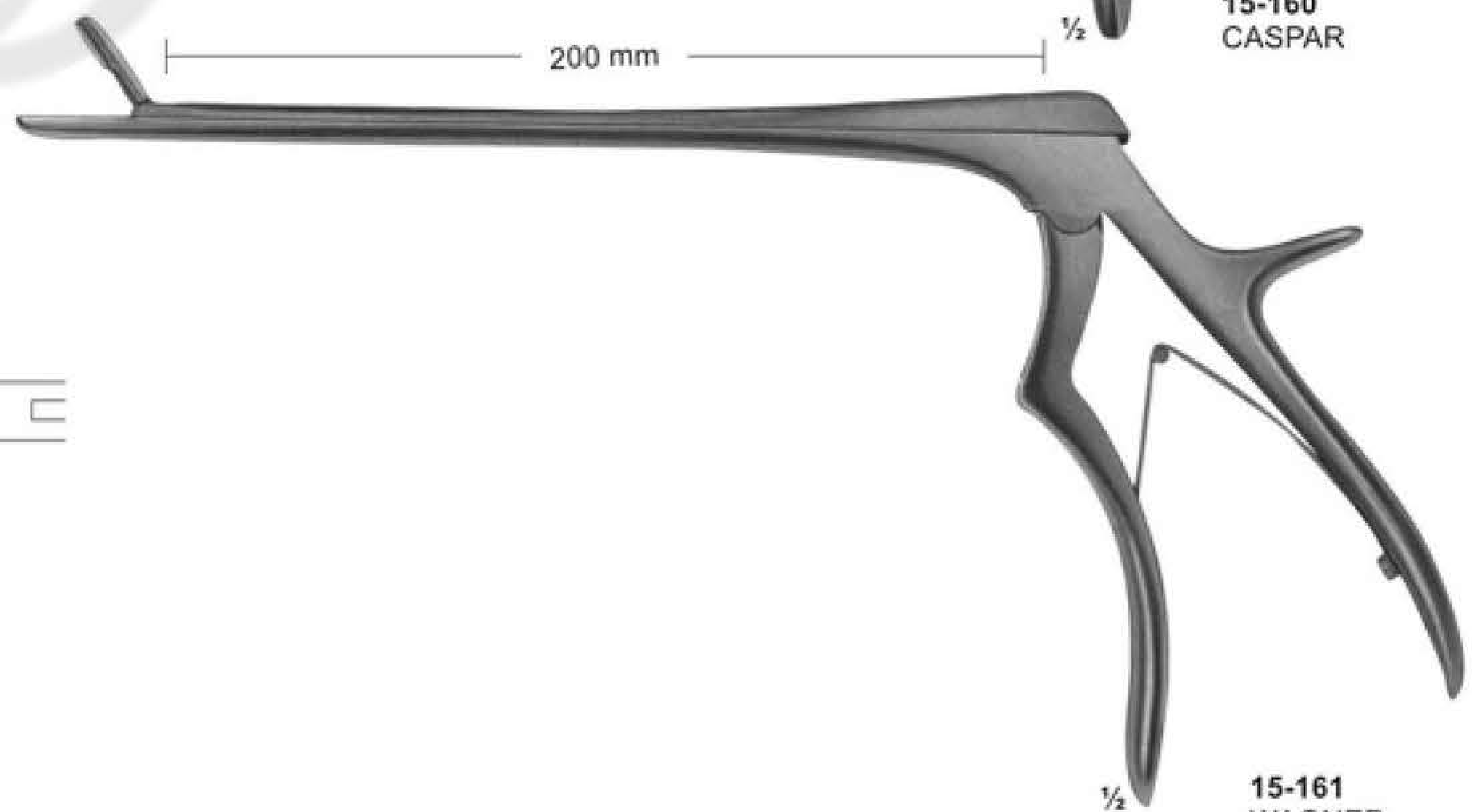


15-160
4 mm



Osteophyte Rongeur

15-159
CASPAR



15-161
5,5 mm

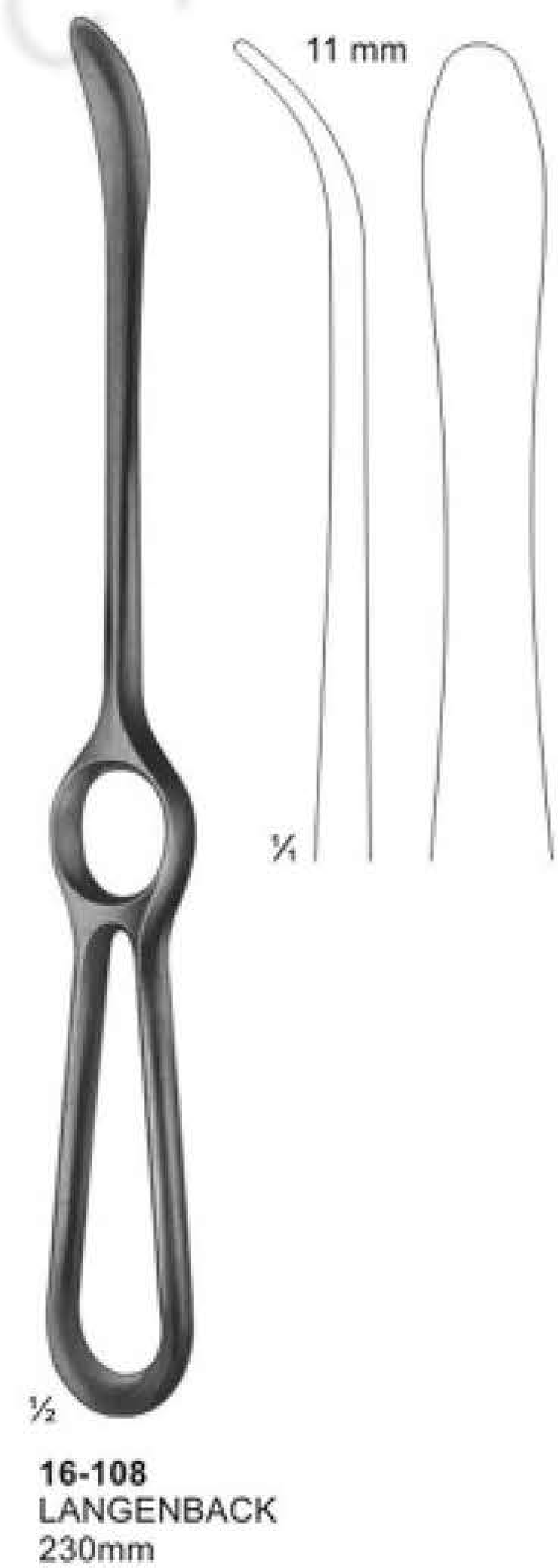
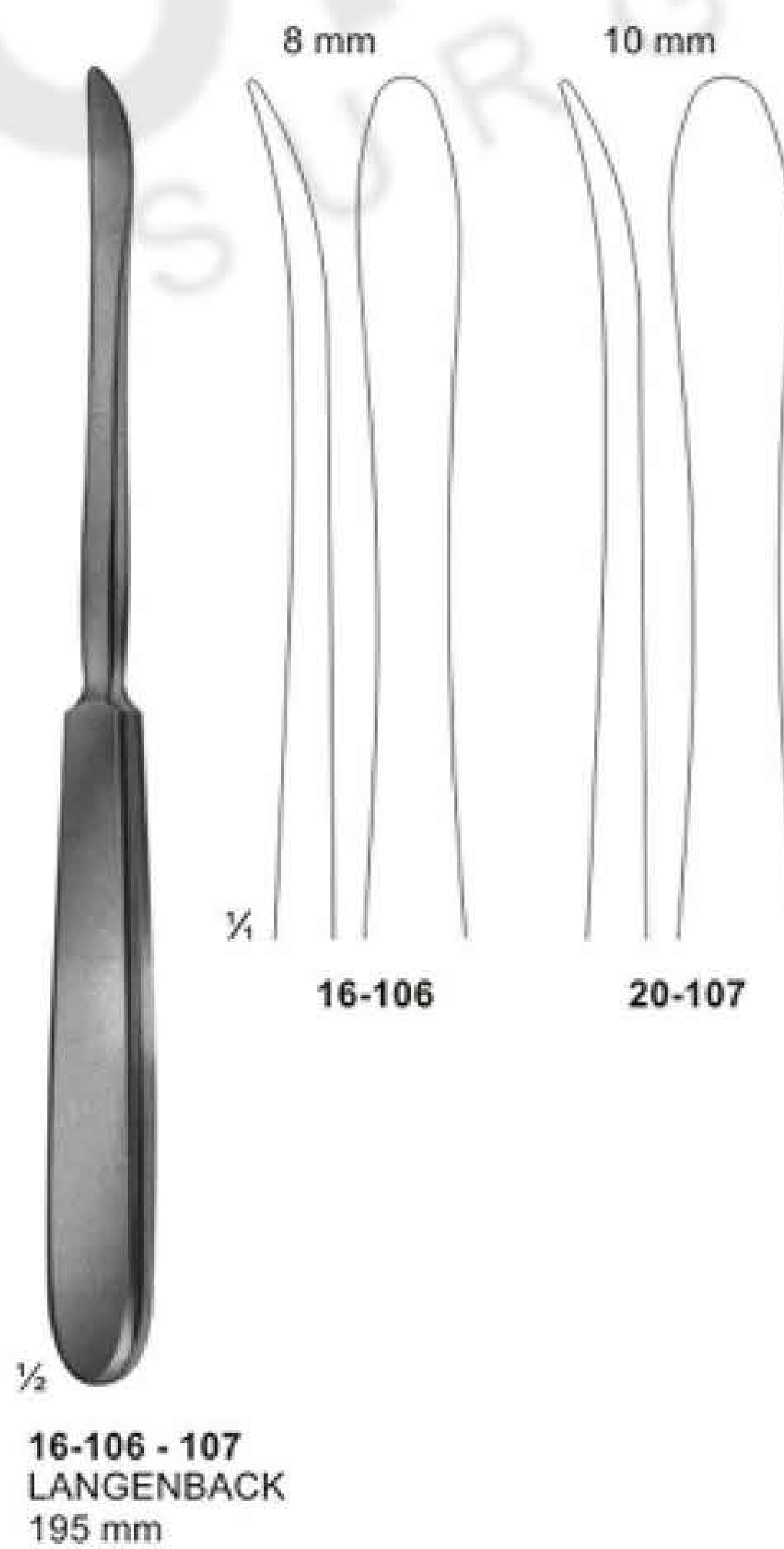
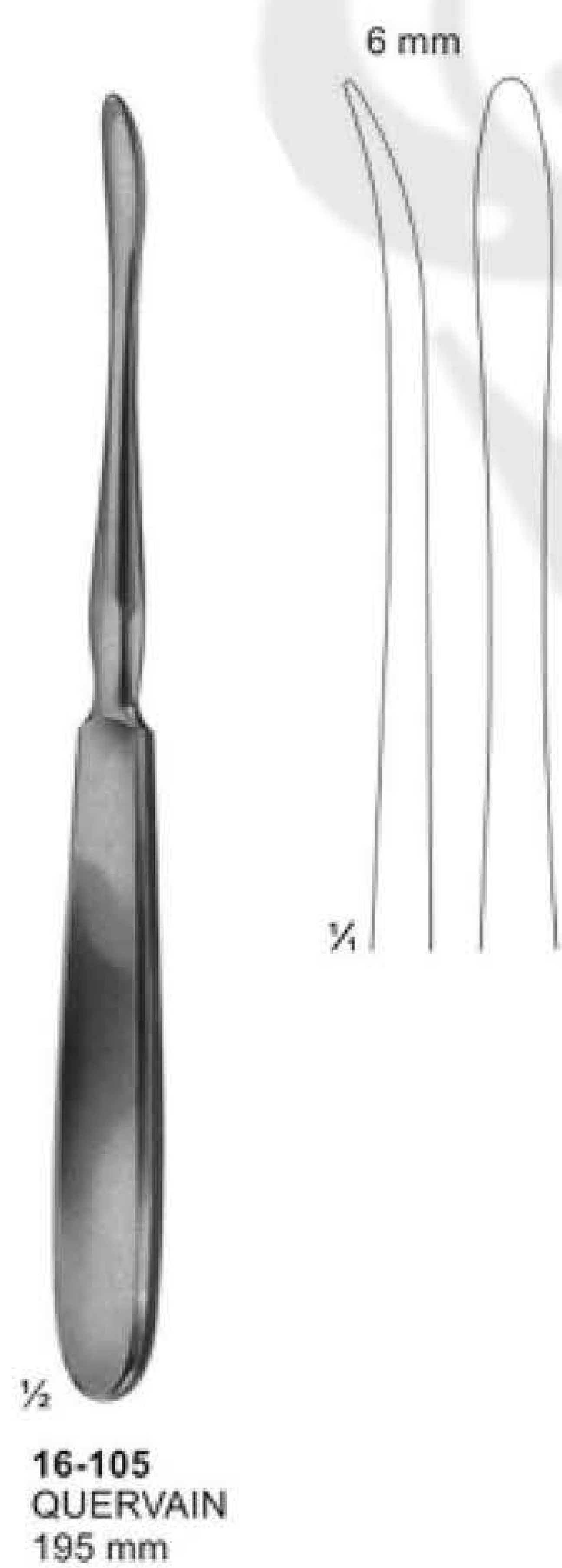
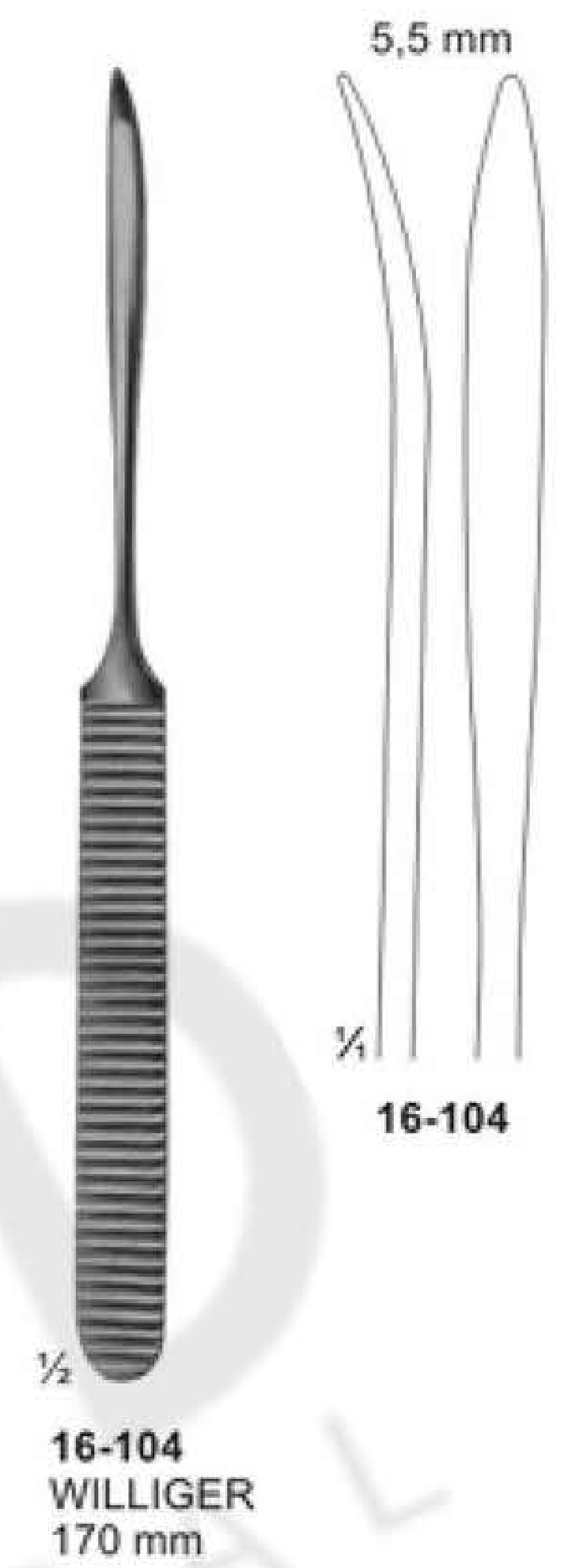
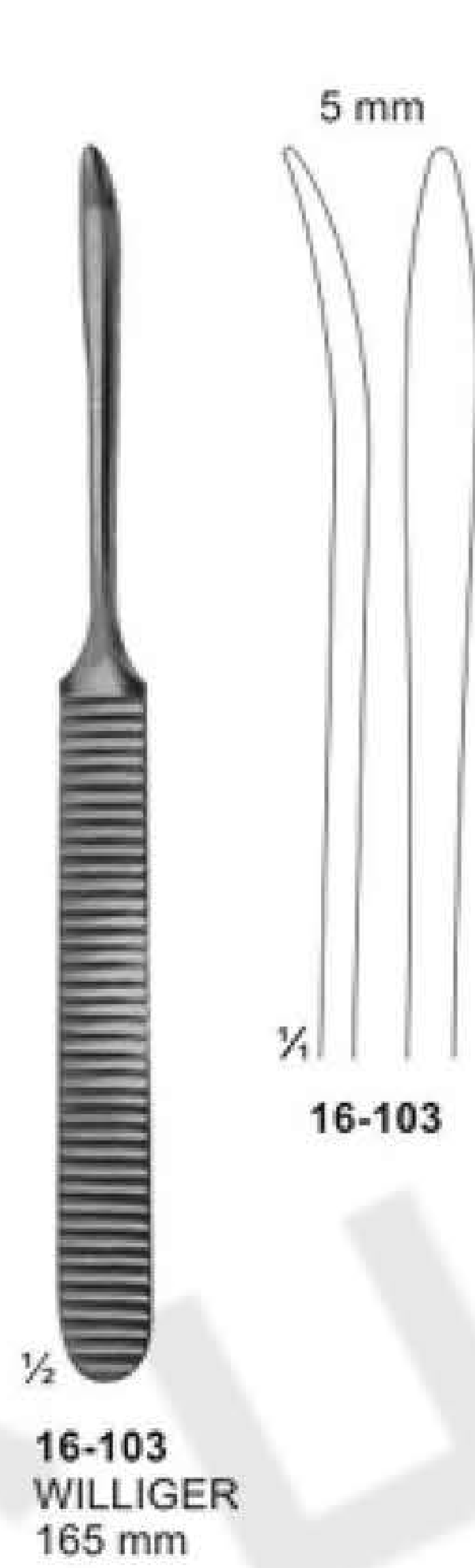
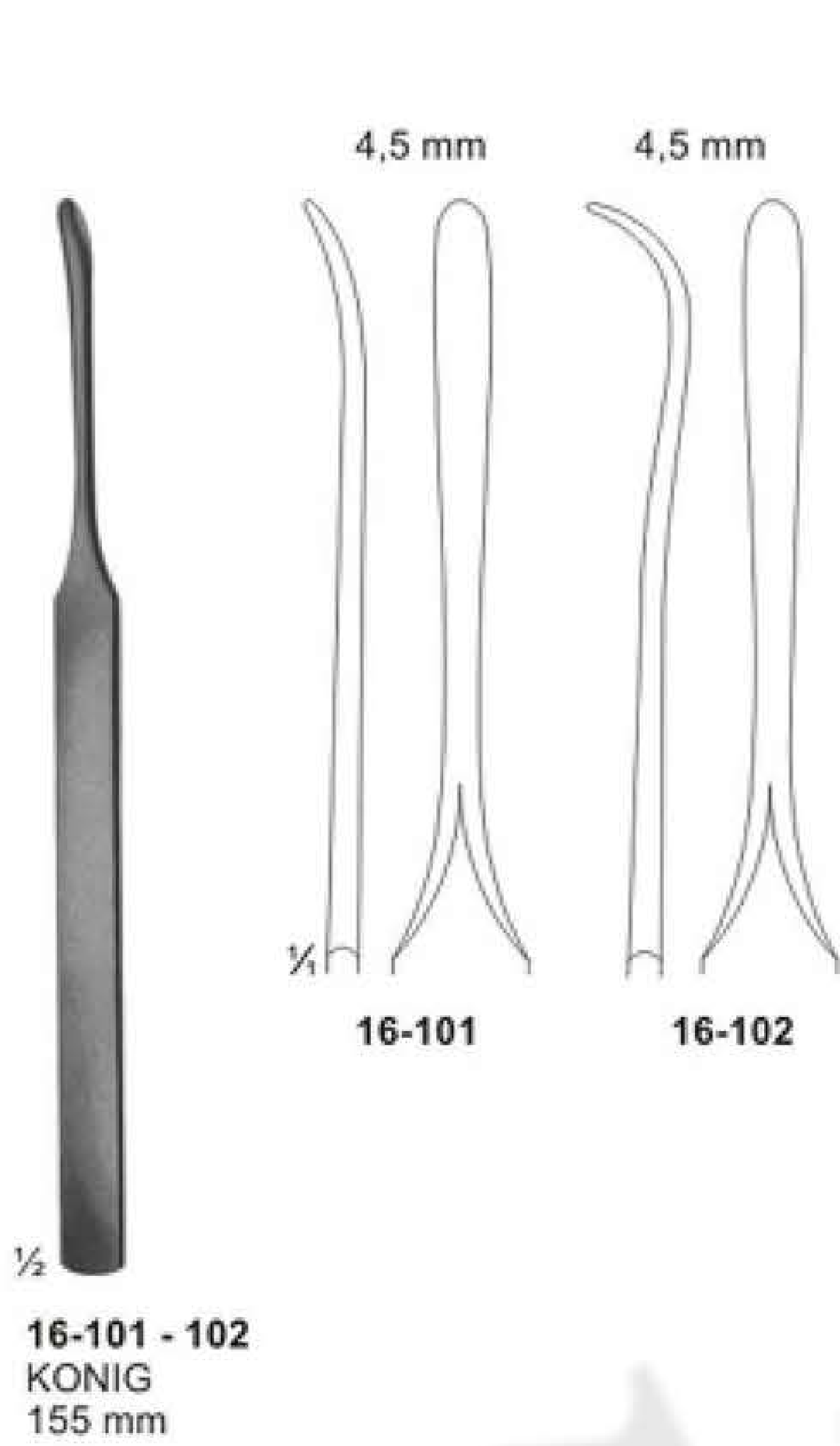


Very Heavy Pattern

15-160
CASPAR

15-161
WAGNER

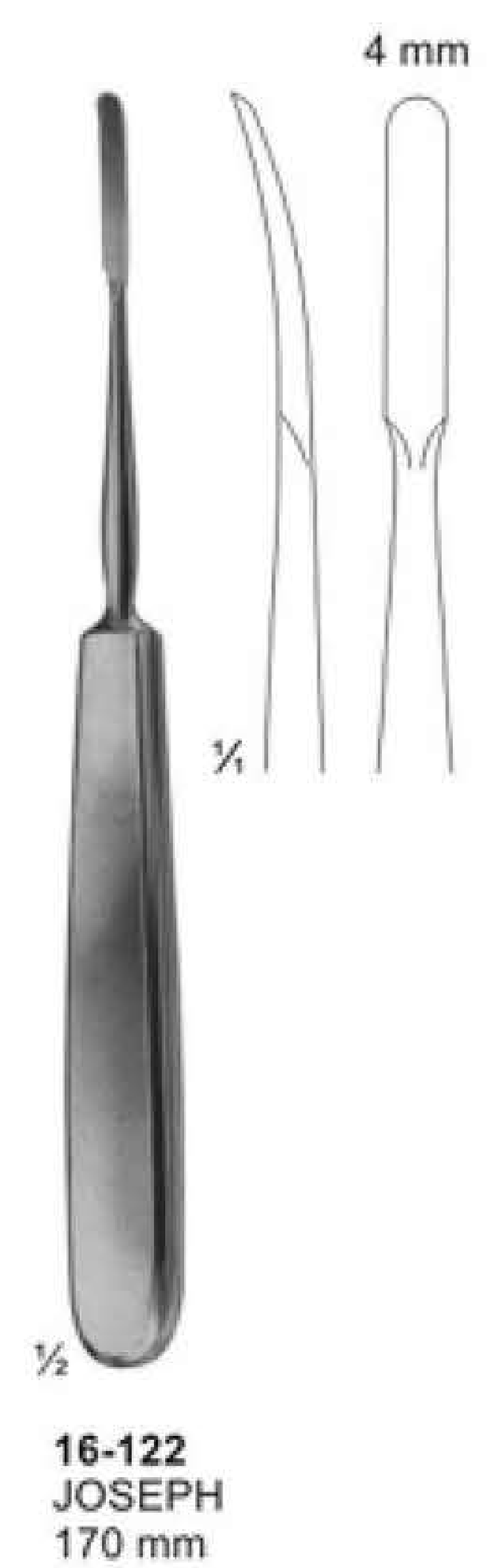
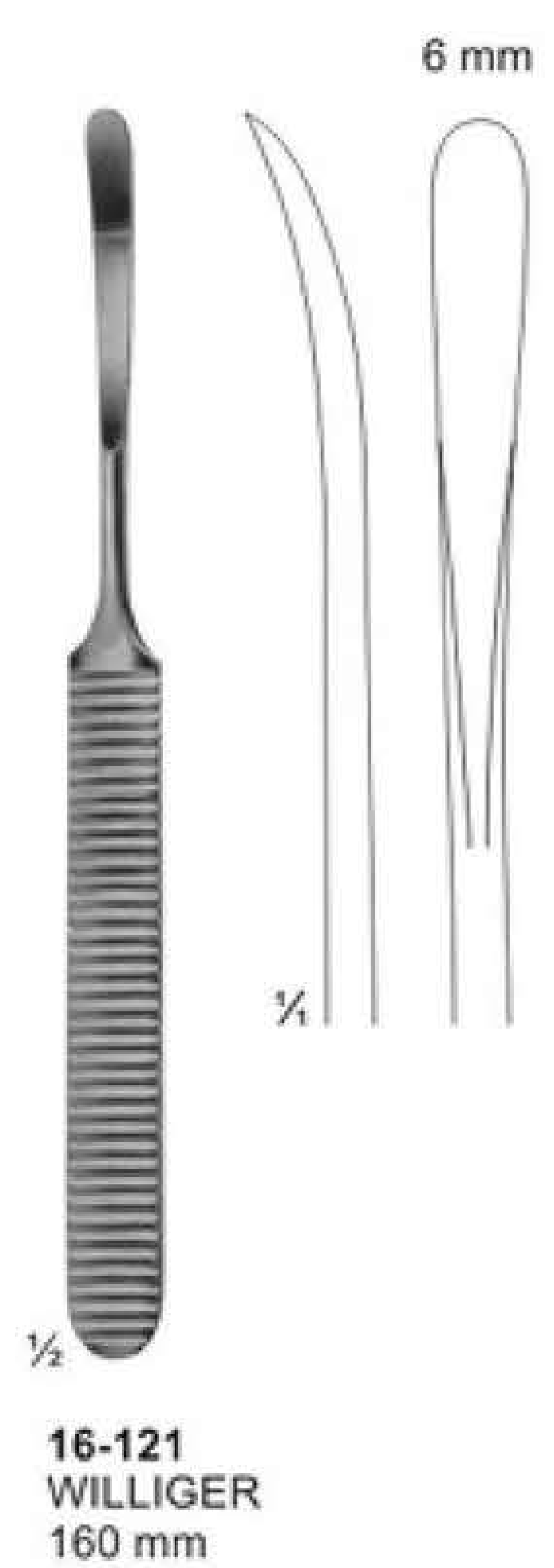
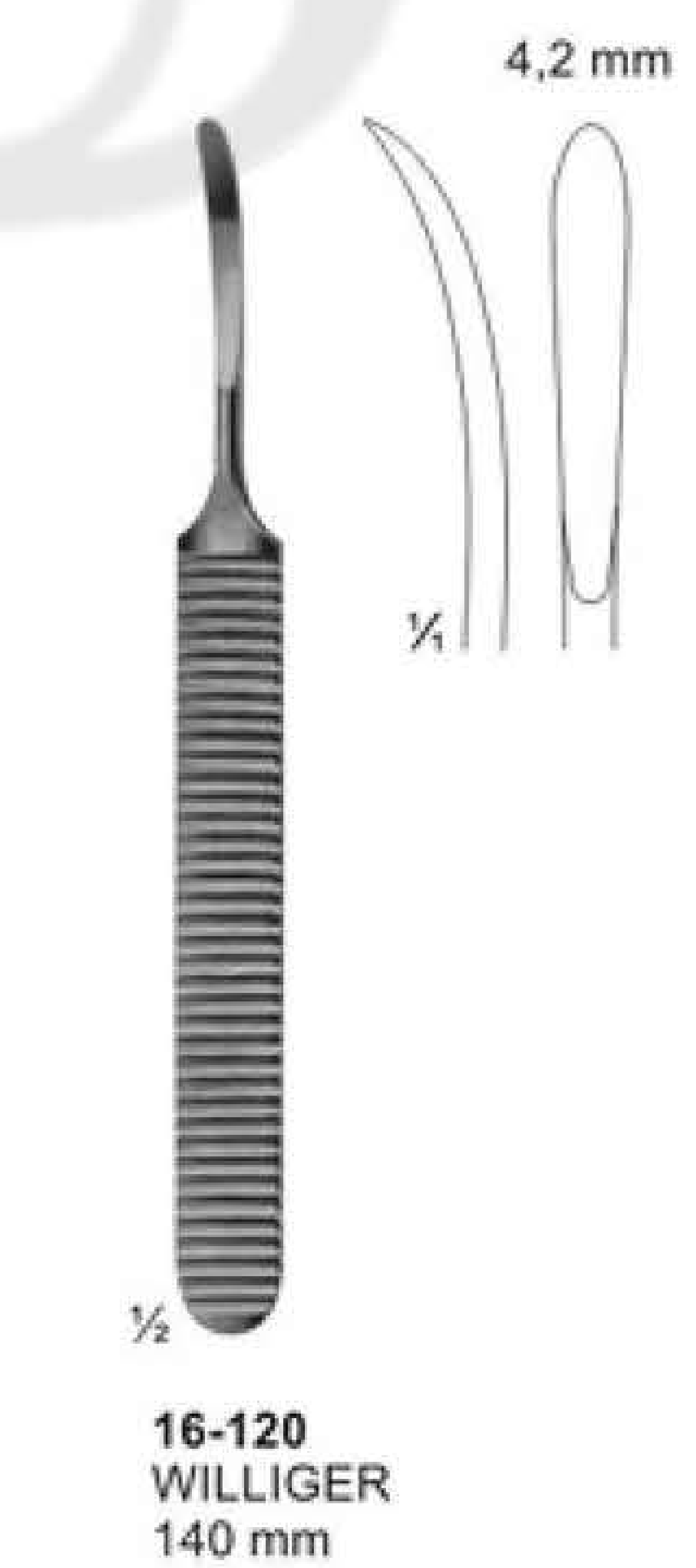
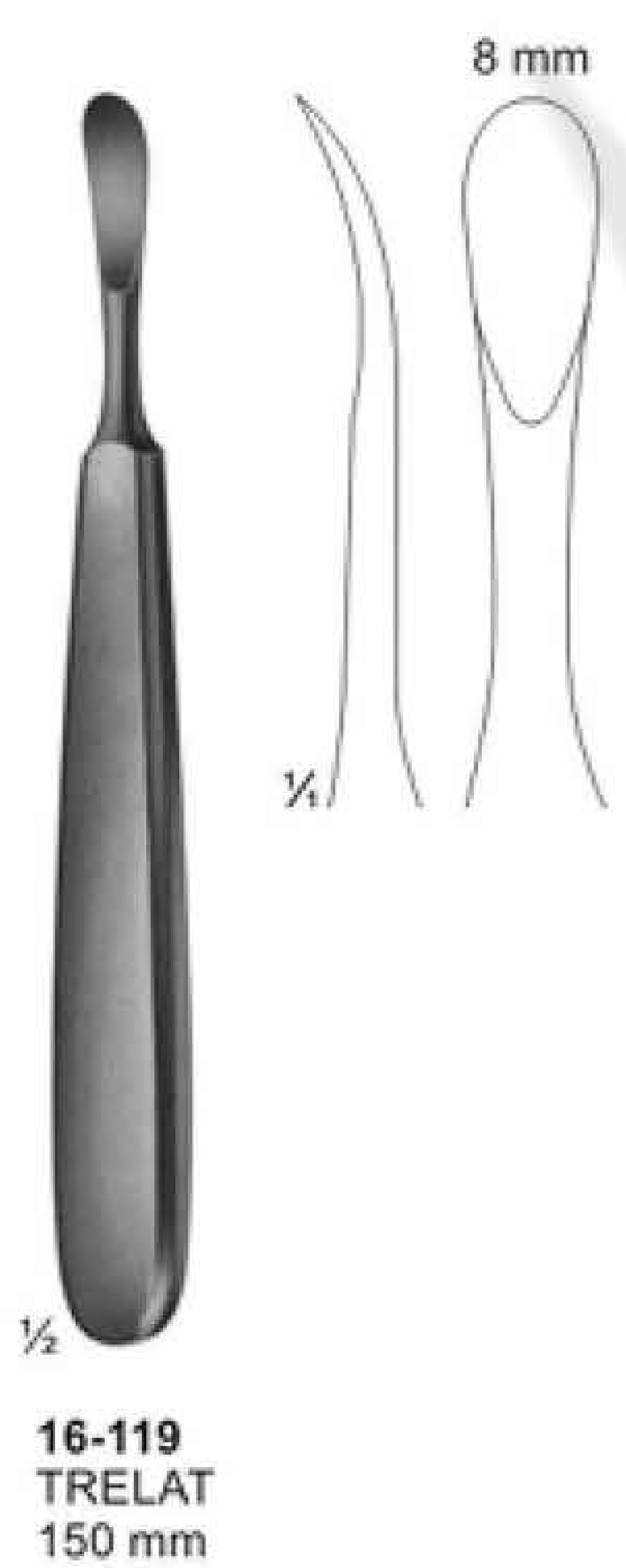
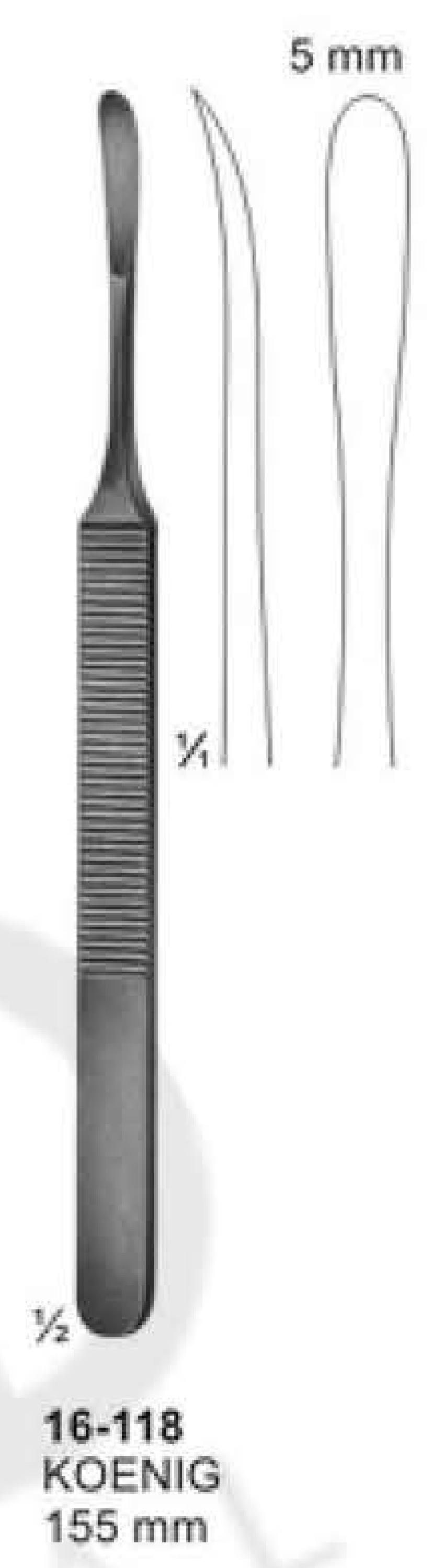
Elevators and Bone Levers



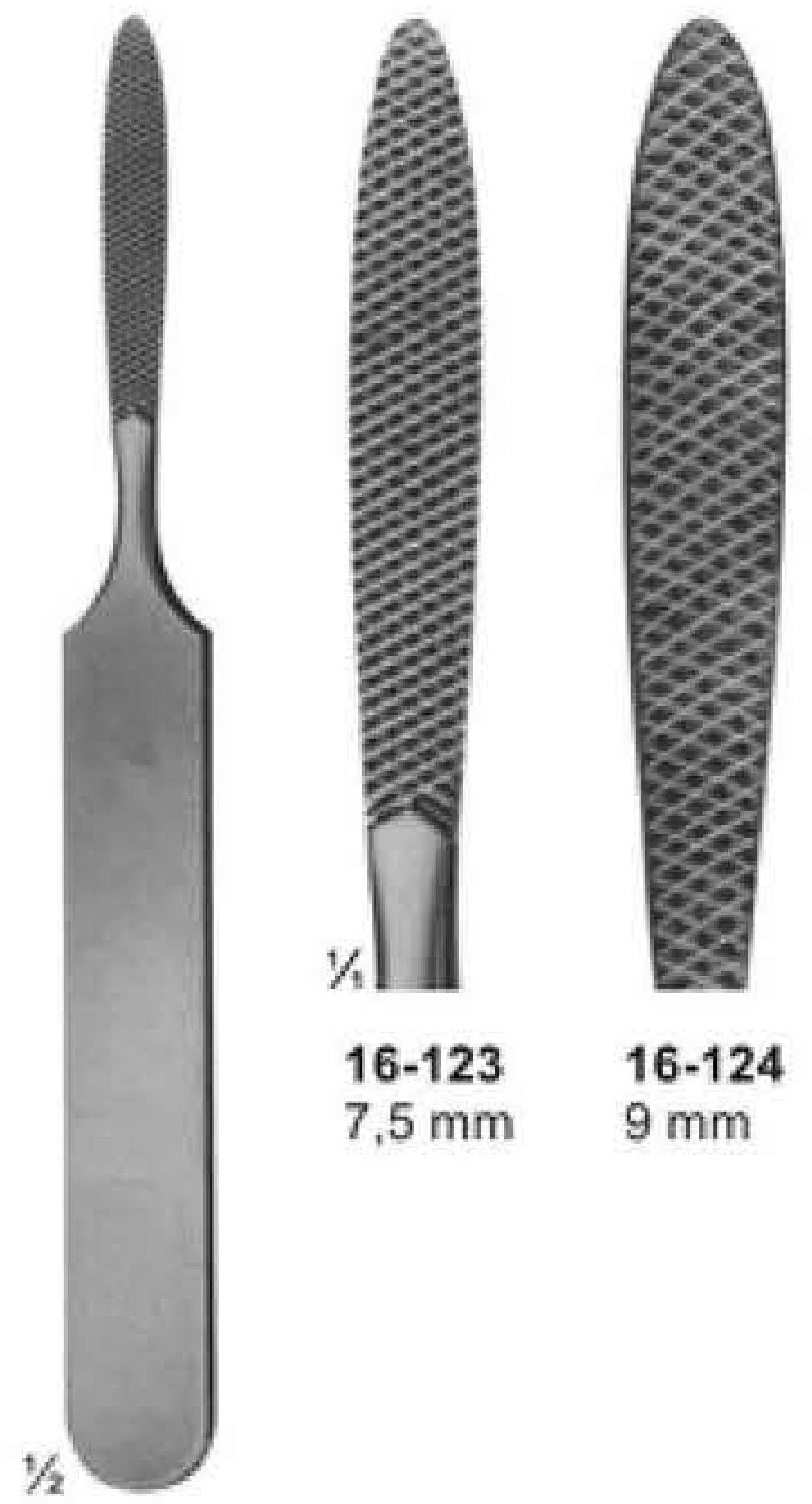
Bone Levers



Raspatories

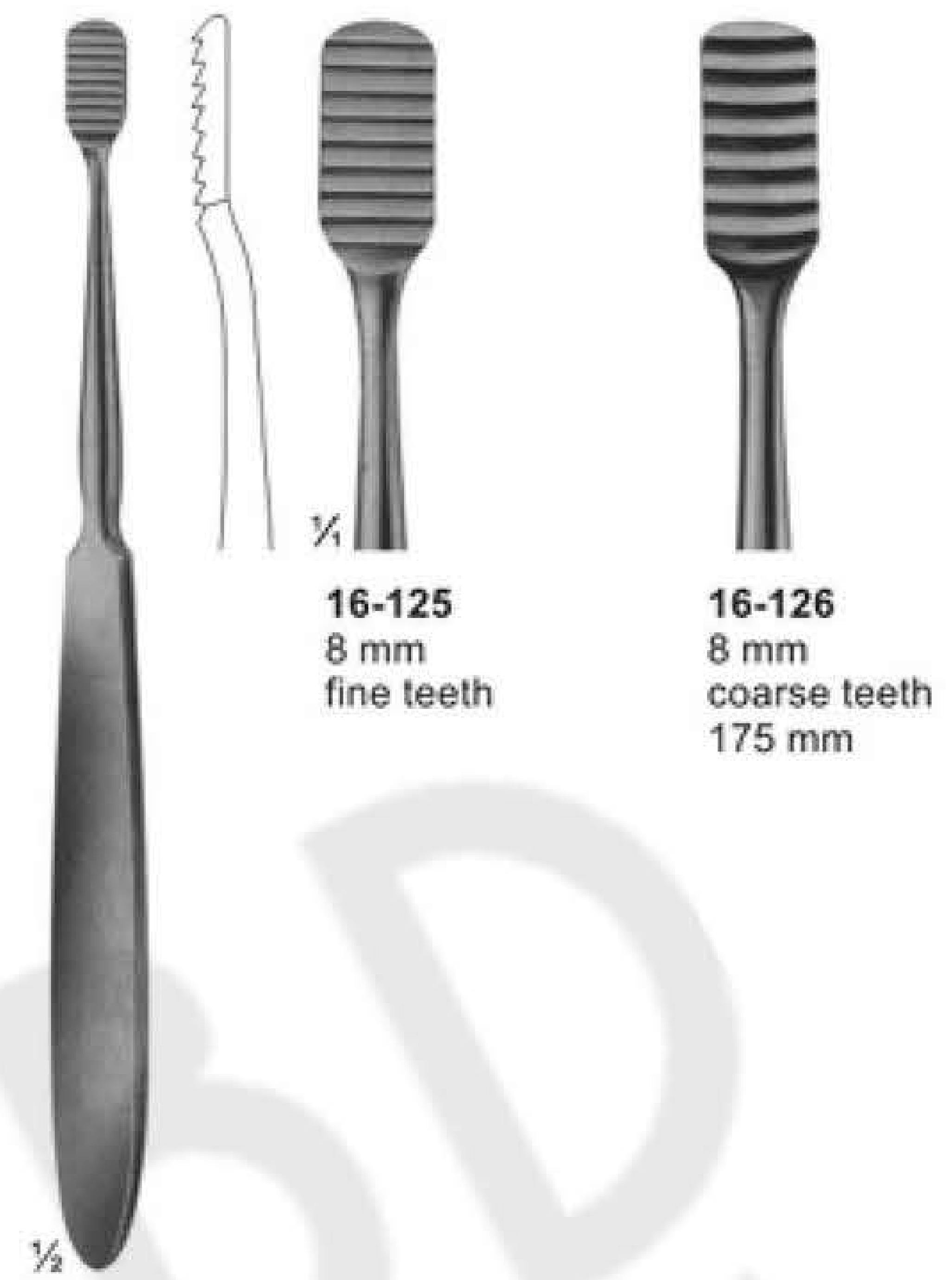


Bone File and Rasps



16-123
JOSEPH
fine, chequered

16-124
coarse, chequered
165 mm



16-125 - 16-126
LEWIS



16-127
MALTZ
down stroke
180 mm

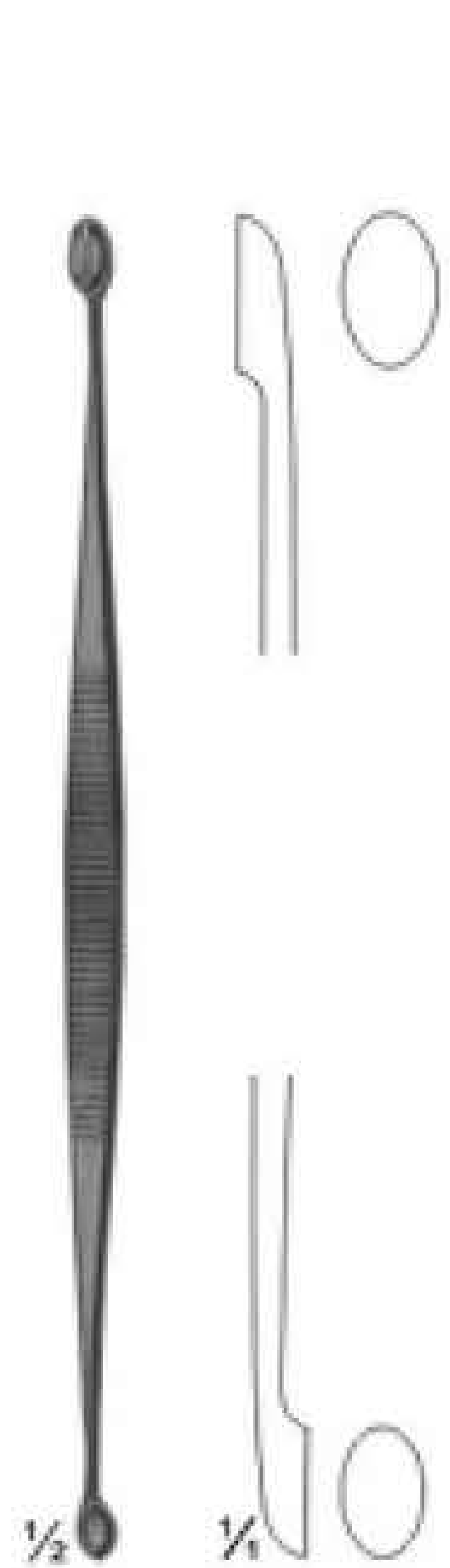


16-128 - 16-129
AUFRICHT
up stroke
16-129
down stroke
220 mm



16-130
GALLAHER
190 mm

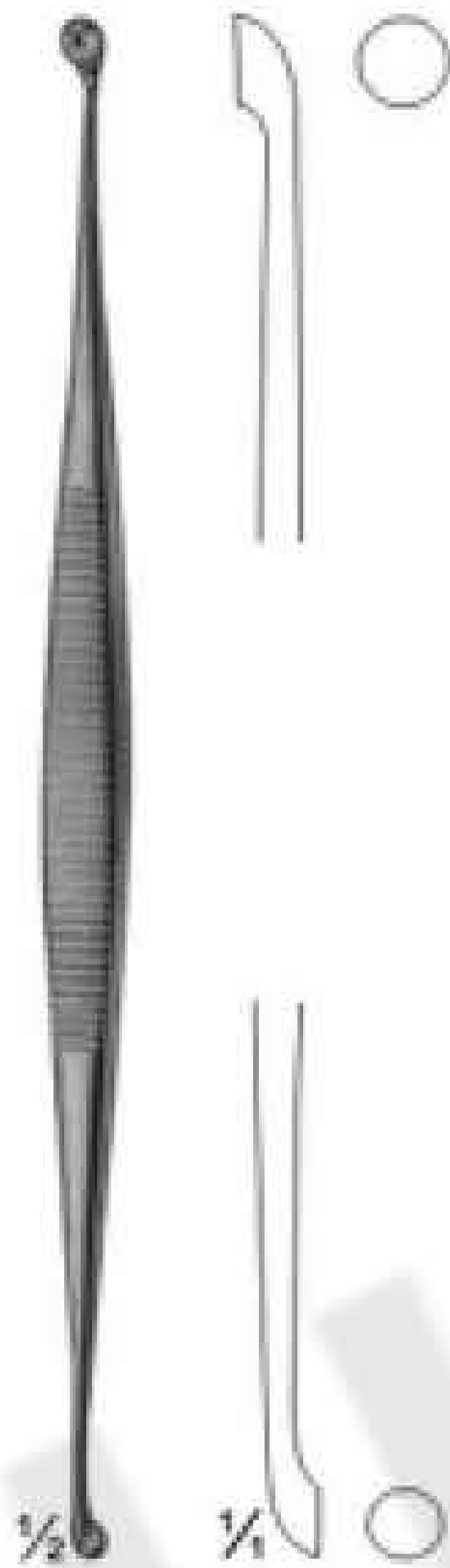
Bone Curettes



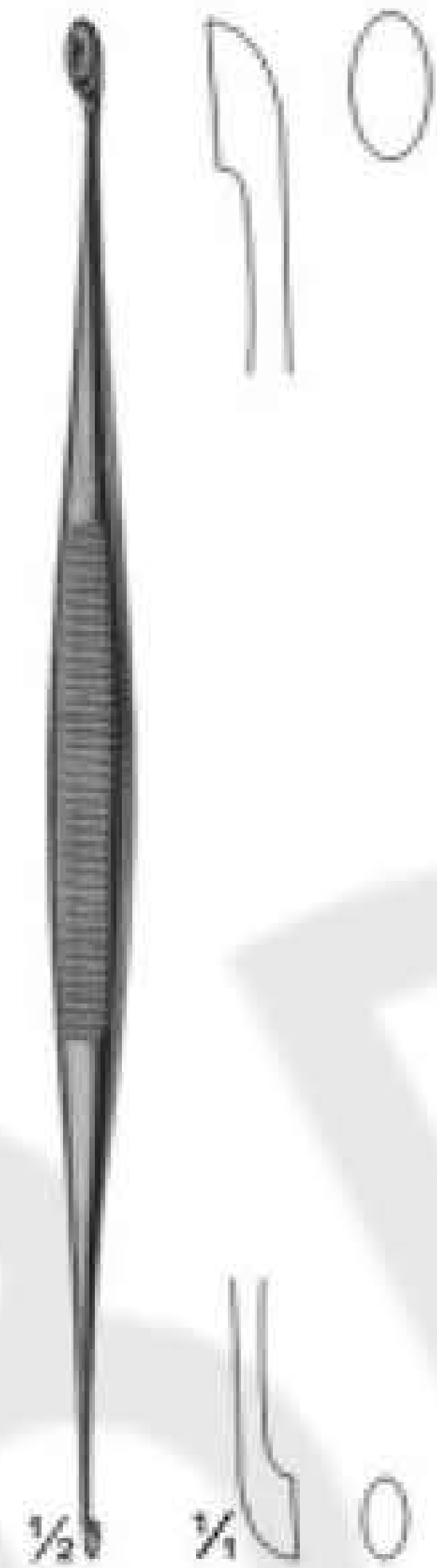
16-131
JACOBSON
140 mm



16-132
MARTINI
140 mm



16-133
MARTINI
140 mm



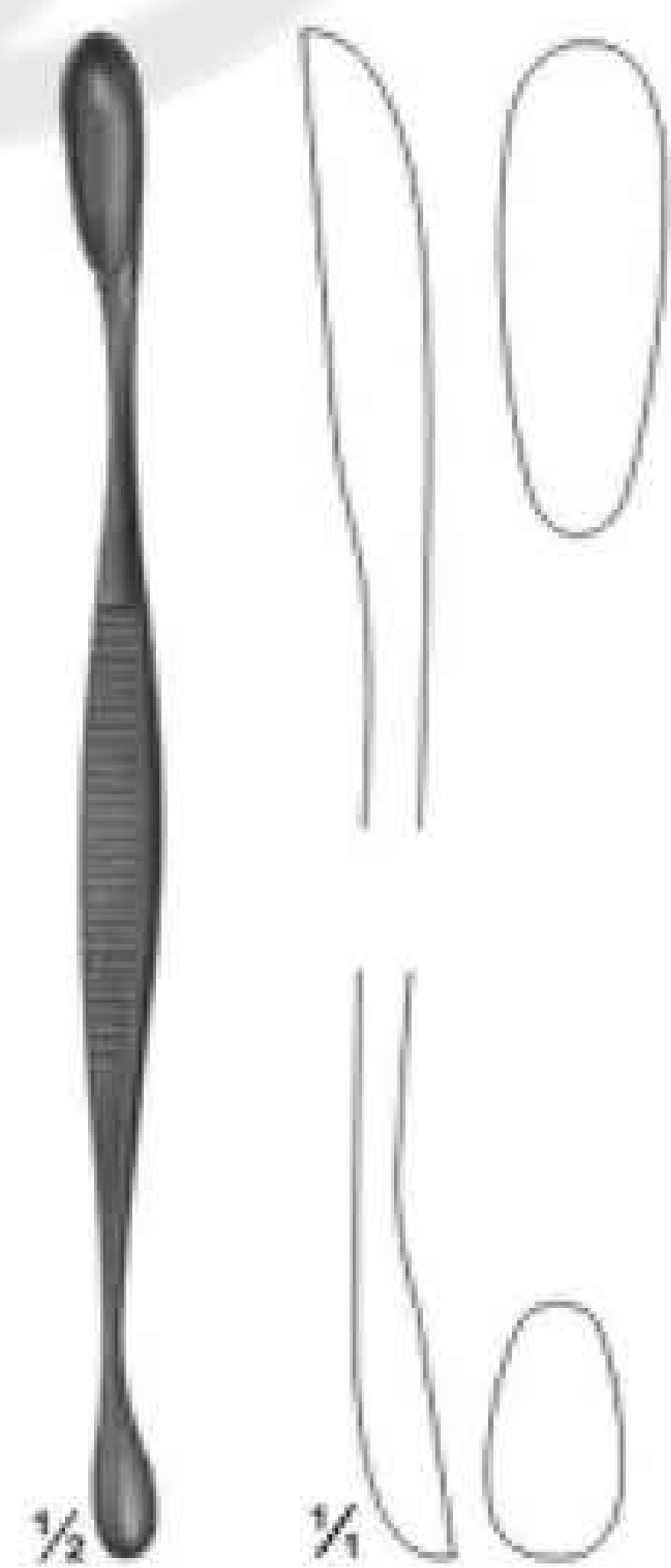
16-134
WILLIGER
145 mm



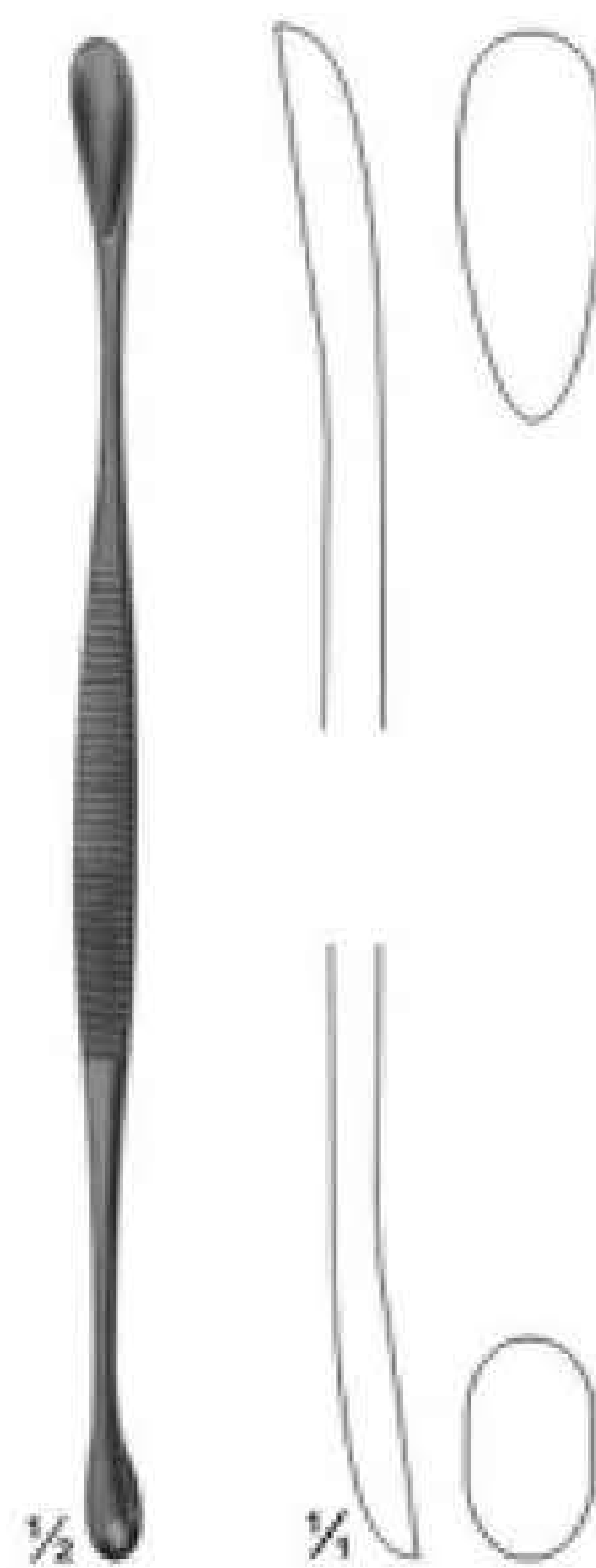
16-135
JANSEN
160 mm



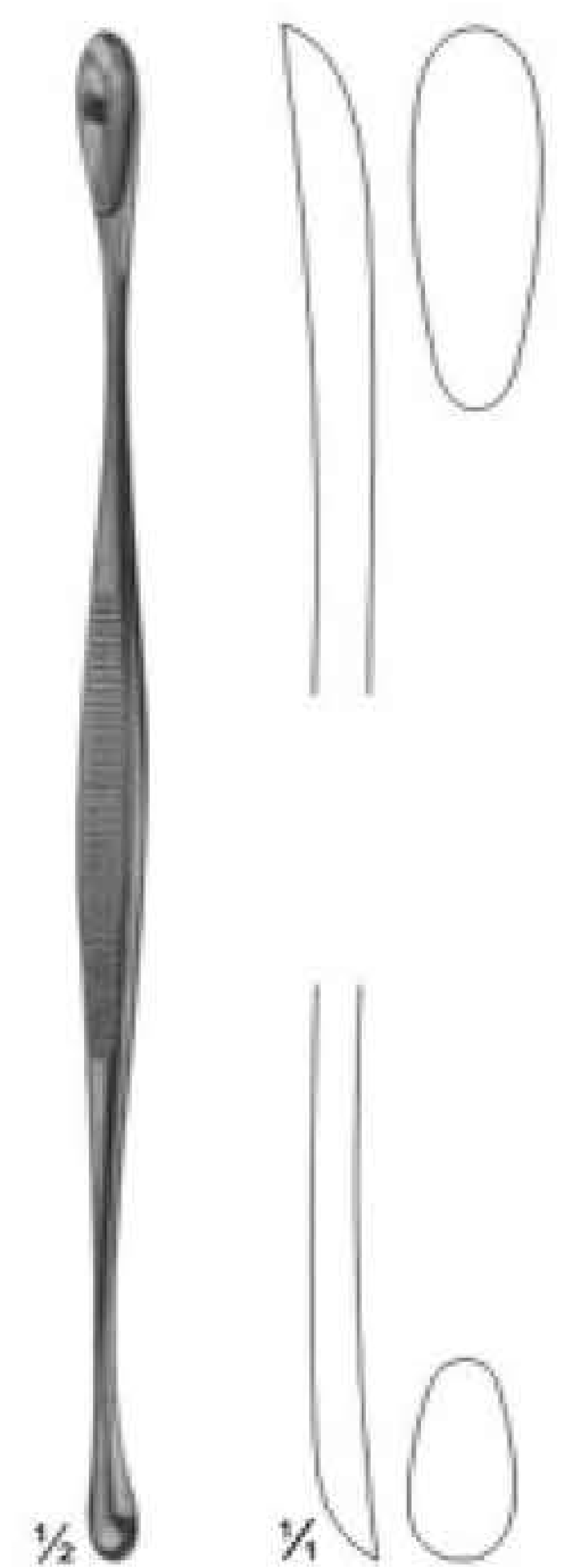
16-136
BARTH
180 mm



16-137
VOLKMANN
130 mm



16-138
VOLKMANN
145 mm



16-139
VOLKMANN
170 mm

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



∅ 20 mm

½

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



∅ 25 mm

½

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



∅ 30 mm

½

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

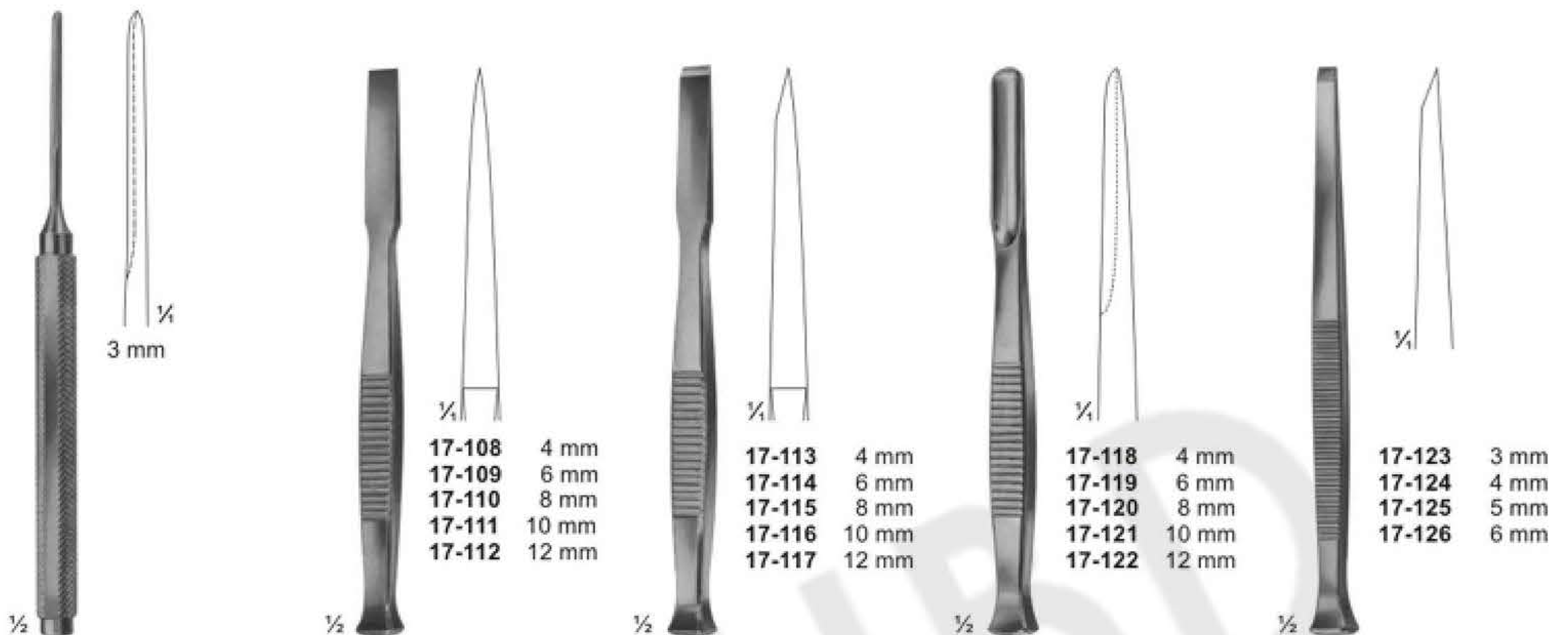


∅ 22 mm

½

17-106
 165 g
 lead filled head
 190 mm

Osteotomes, Chisels and Gouges



<p>17-107 MANNERFELT Gouge 155 mm</p>	<p>17-108 4 mm 17-109 6 mm 17-110 8 mm 17-111 10 mm 17-112 12 mm</p>	<p>17-113 4 mm 17-114 6 mm 17-115 8 mm 17-116 10 mm 17-117 12 mm</p>	<p>17-118 4 mm 17-119 6 mm 17-120 8 mm 17-121 10 mm 17-122 12 mm</p>	<p>17-123 3 mm 17-124 4 mm 17-125 5 mm 17-126 6 mm</p>
<p>17-107 MANNERFELT Gouge 155 mm</p>	<p>17-108 - 112 Osteotomes 140 mm</p>	<p>17-113 - 117 Chisels 140 mm</p>	<p>17-118 - 122 Gouges 140 mm</p>	<p>PARTSCH 17-123 - 126 Chisels 140 mm</p>



<p>17-127 3 mm 17-128 4 mm 17-129 5 mm 17-130 6 mm 17-131 7 mm</p>	<p>17-132 3 mm 17-133 4 mm 17-134 5 mm 17-135 6 mm</p>	<p>17-136 3 mm 17-137 4 mm 17-138 5 mm 17-139 6 mm 17-140 7 mm</p>	<p>17-141 4 mm 17-142 6 mm</p>	<p>17-143 3 mm 17-144 5 mm</p>
<p>PARTSCH 17-127 - 131 Chisels 170 mm</p>	<p>PARTSCH 17-132 - 135 Gouges 140 mm</p>	<p>PARTSCH 17-136 - 140 Gouges 170 mm</p>	<p>LUCAS 17-141 - 142 Chisels 160 mm</p>	<p>LUCAS 17-143 - 144 Gouges 160 mm</p>

Reposition Forceps, Bone Holding Forceps



17-145
Patella forceps
185 mm



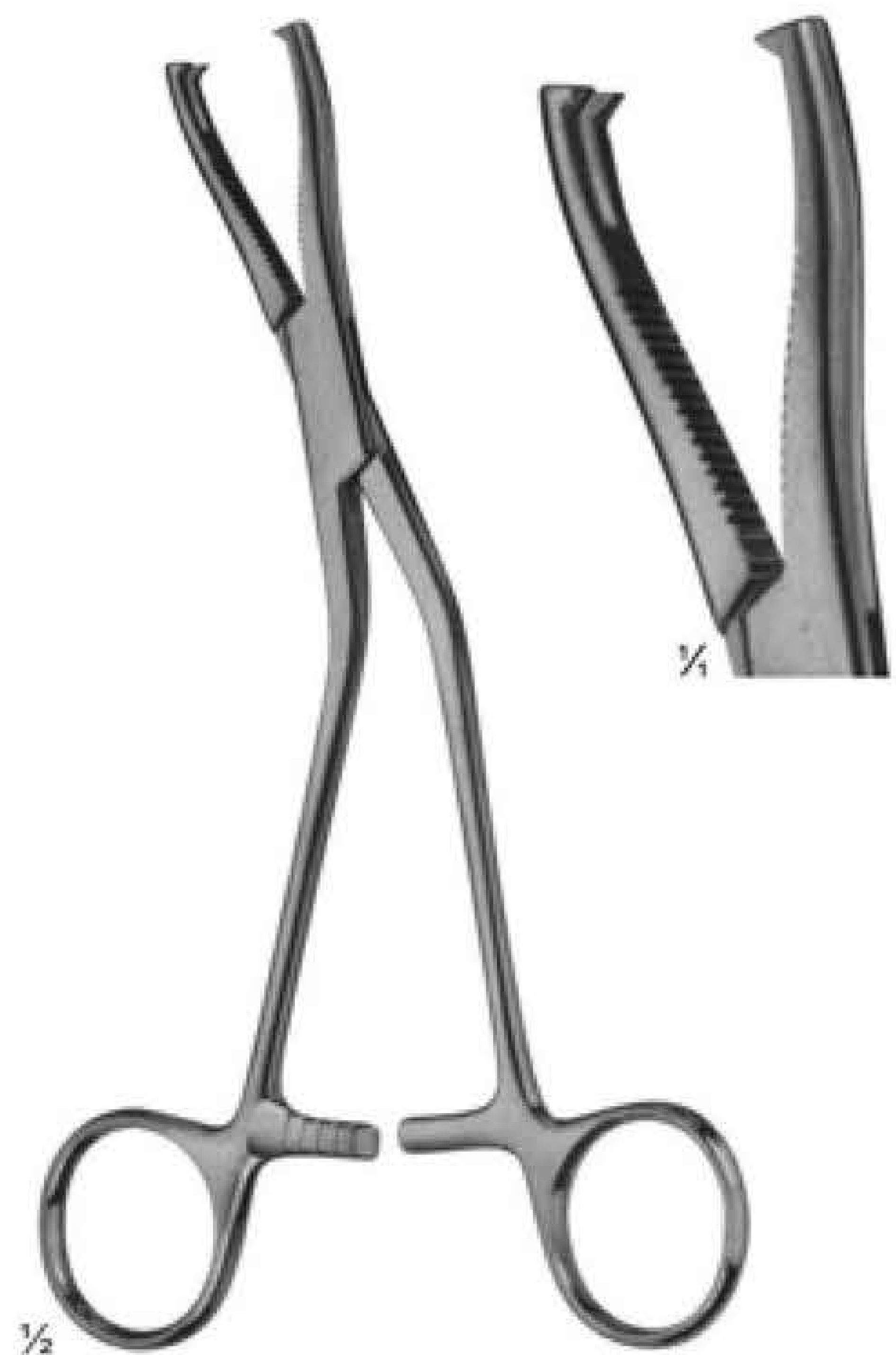
17-146
Forceps with
ratchet fixation
140 mm



17-147
Forceps with
thread fixation
170 mm

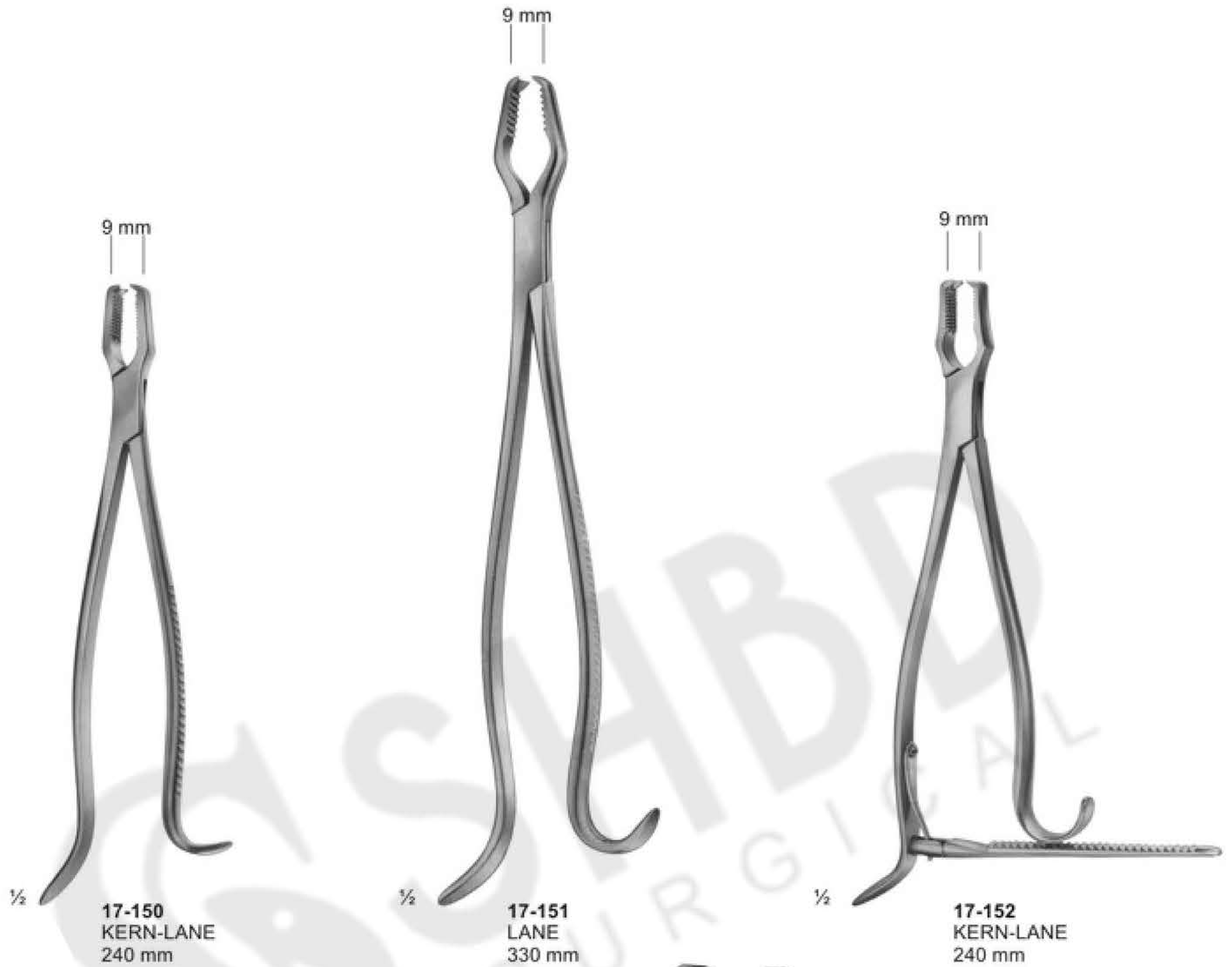


17-148
Forceps with
thread fixation
235 mm



17-149
DINGMANN
185 mm

Bone Holding Forceps & Bone Clamps



17-153



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



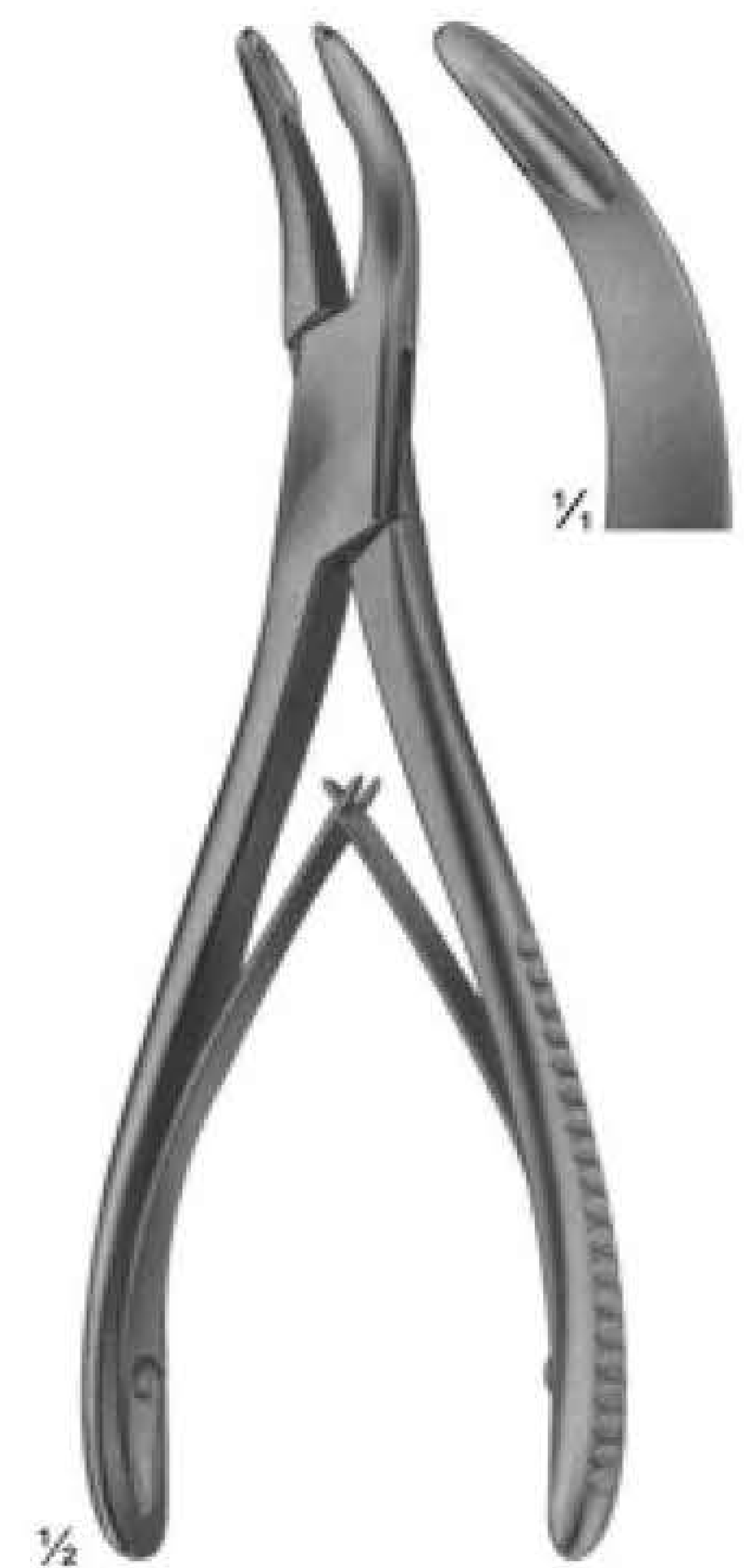
17-160
BLUMENTHAL
155 mm



17-161
BLUMENTHAL
150 mm



17-162 - 163
JANSEN
175 mm



17-164
BANE-HARTMANN
175 mm

Bone Rongeurs



17-165
STILLE
235 mm

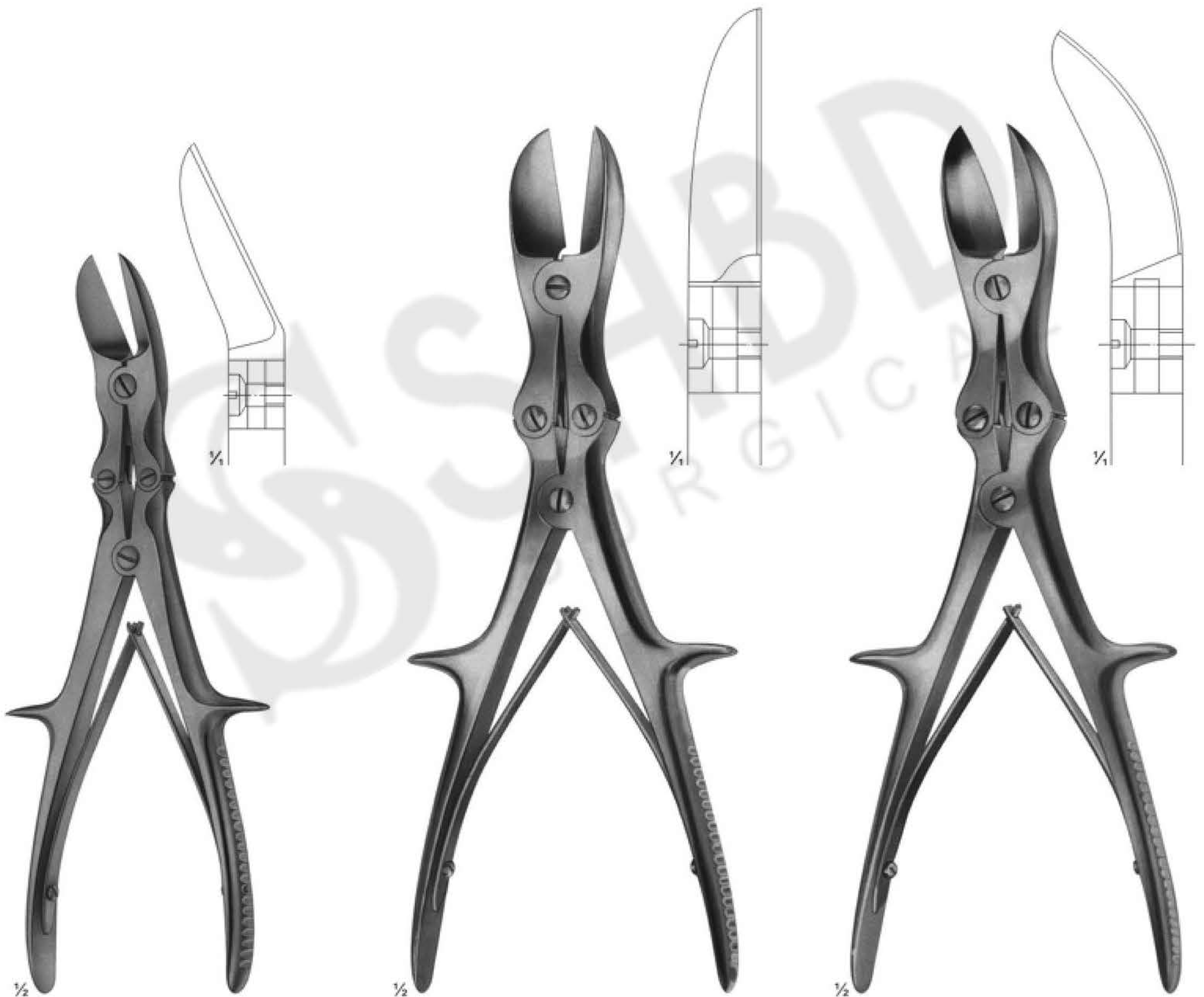


17-166
LEKSELL-STILLE
240mm



17-167
STILLE-RUSKIN
240mm

Bone Cutting Forceps

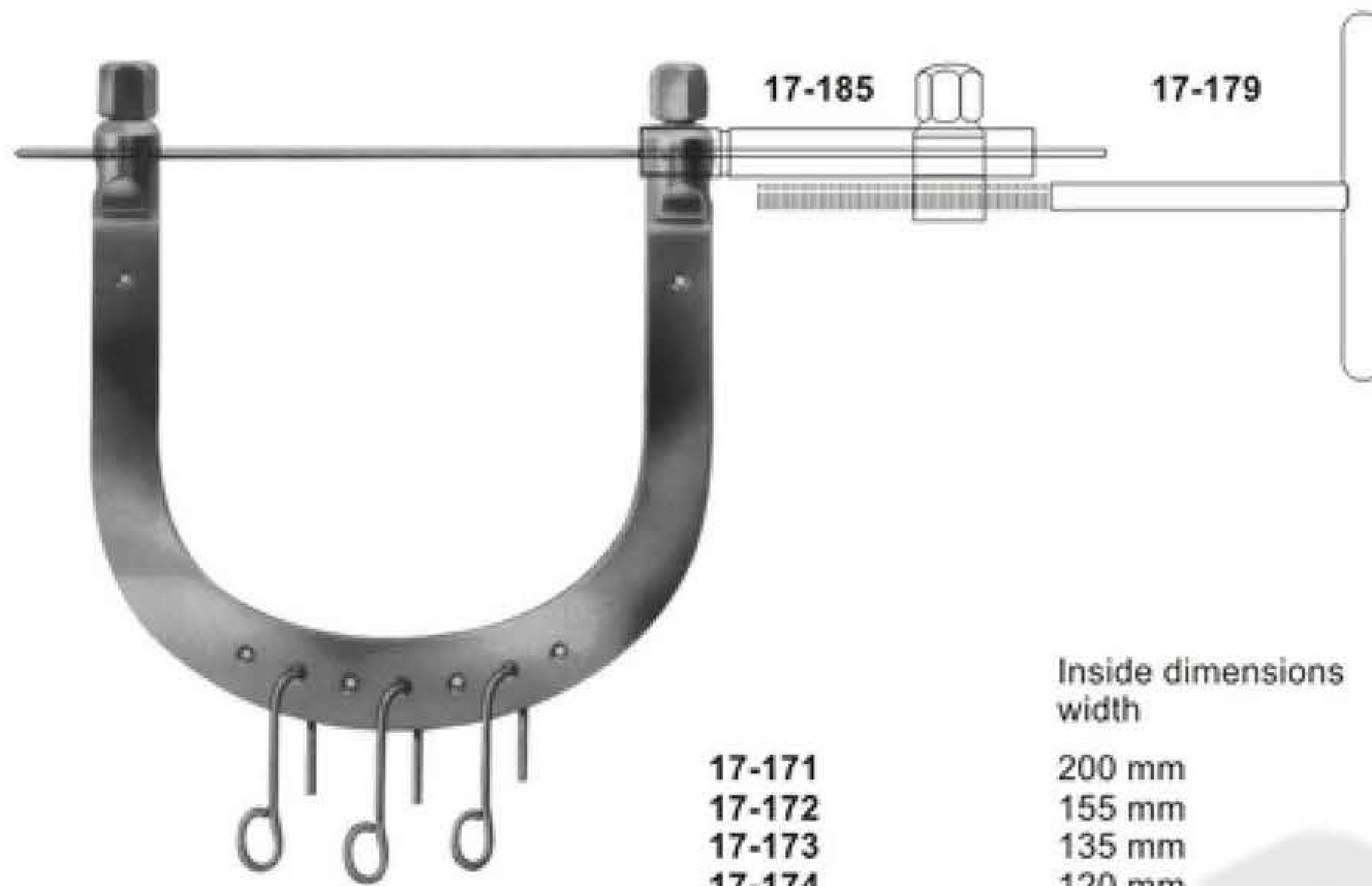


17-168
LISTON
curved on flat
240 mm

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

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

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



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



17-179
Wire tightener, with
clamping jaws



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

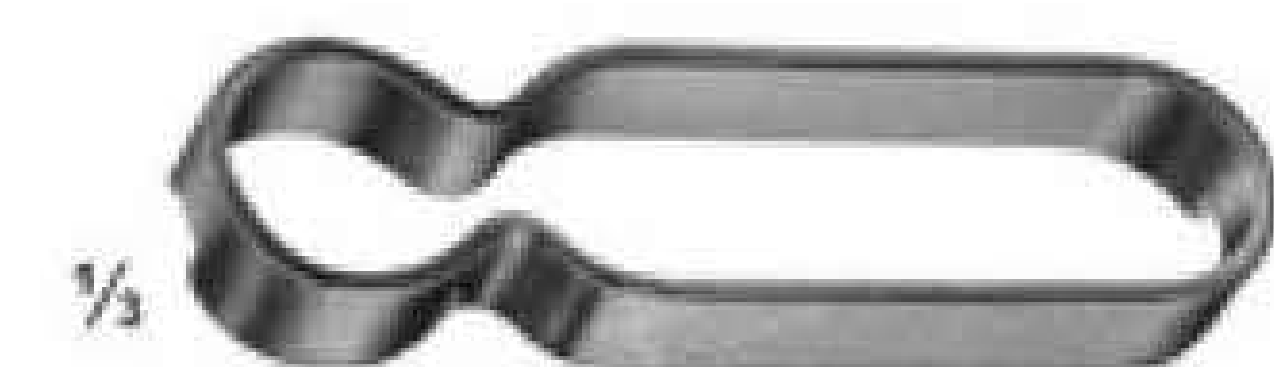
17-182 - 17-184
KIRSCHNER
Wire traction bows, modified,
adjustable in width, holds wire
securely, with 1 hook



17-180
Traction hook only,
large size

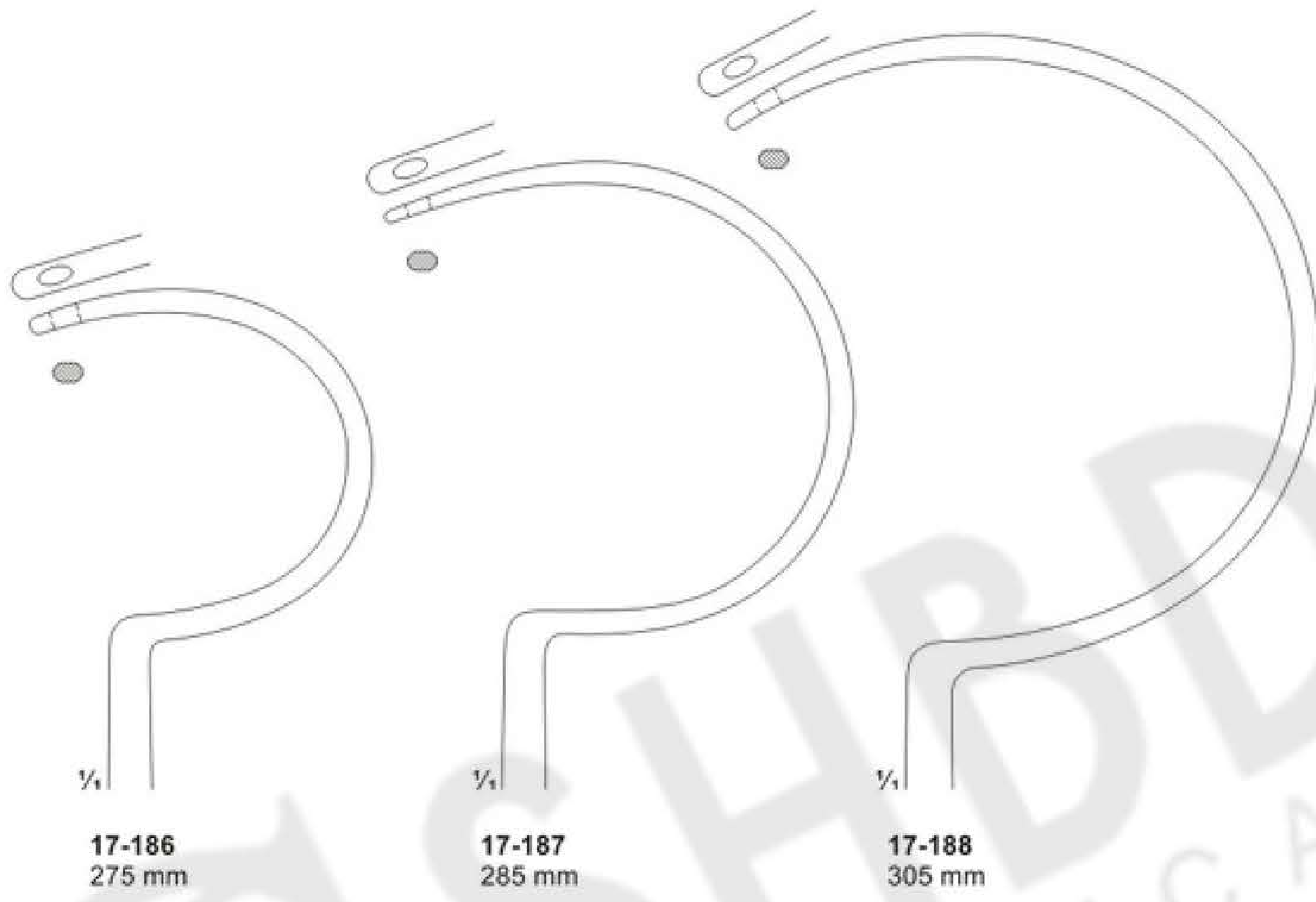


17-181
Traction hook only,
small size



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

Cerclage Instruments



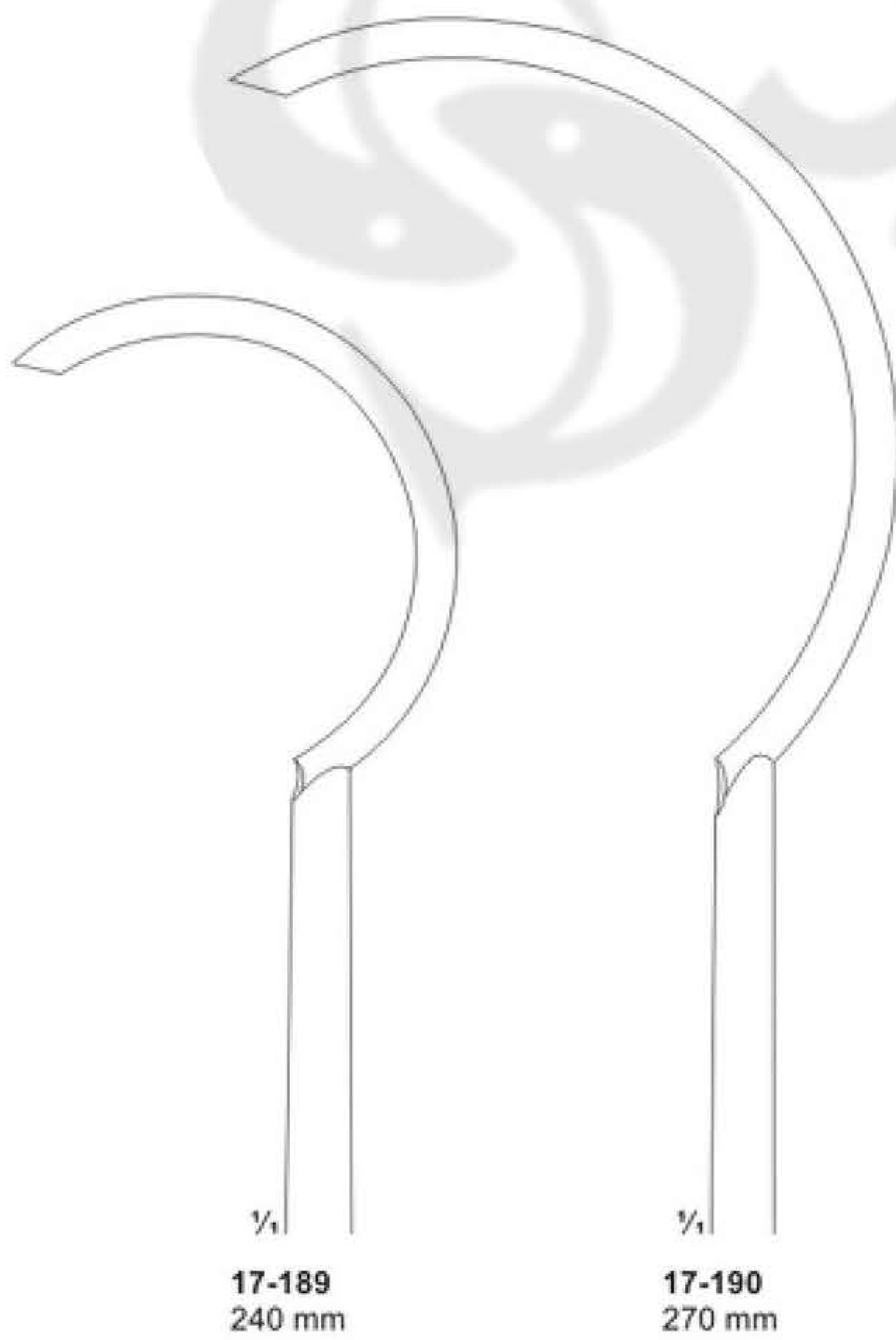
17-186
275 mm

17-187
285 mm

17-188
305 mm

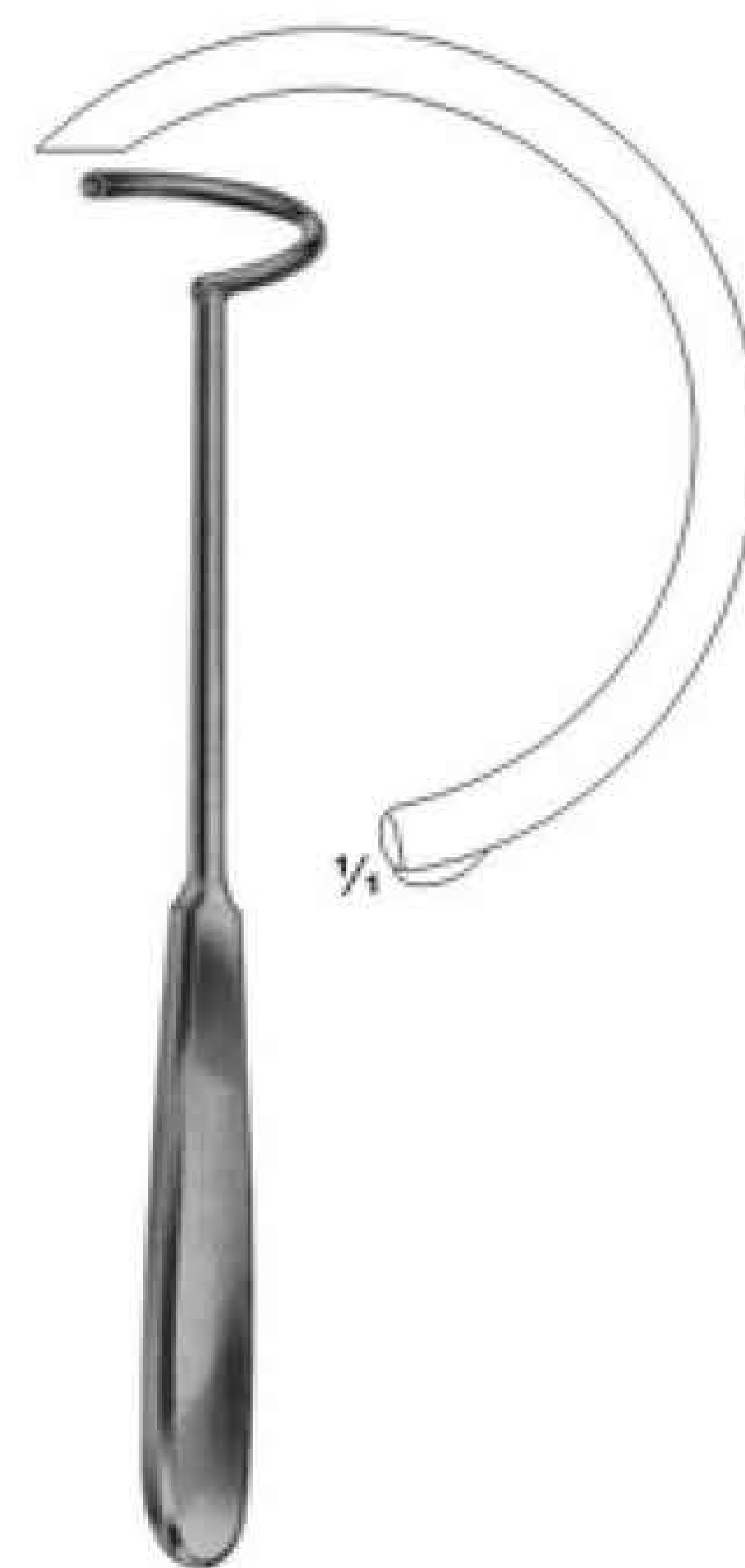
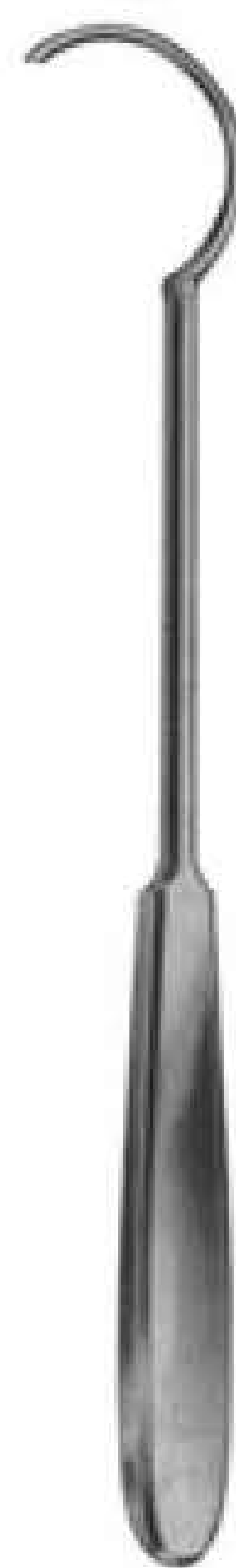


17-186 - 17-188
DEMEL
Wire guides



17-189
240 mm

17-190
270 mm



17-191
225 mm

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



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



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



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



17-195
with serrated jaws
140 mm



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

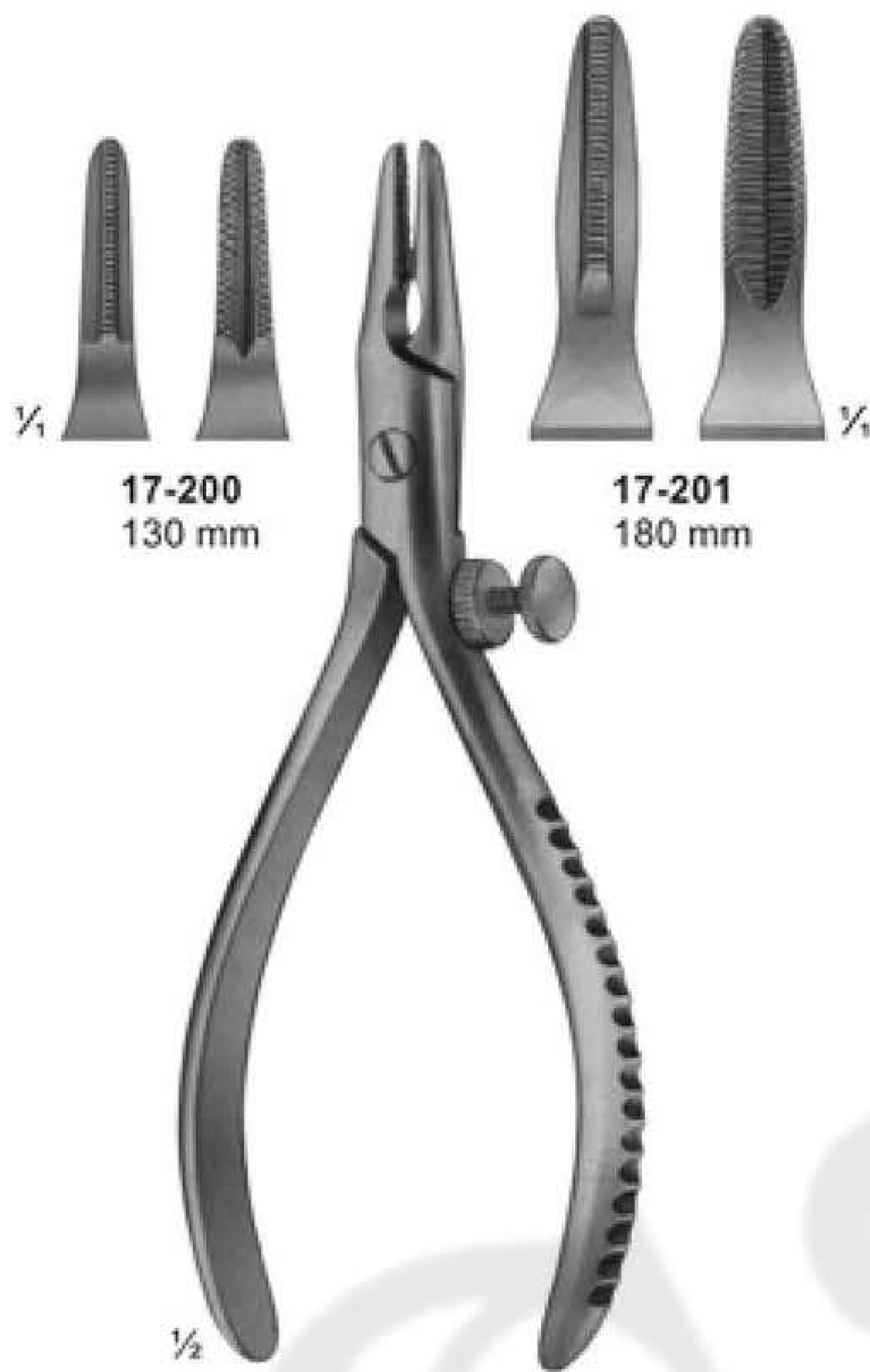


17-197
with serrated jaws
17-198
with longitudinal and transversal grooves
170 mm



17-199
190 mm

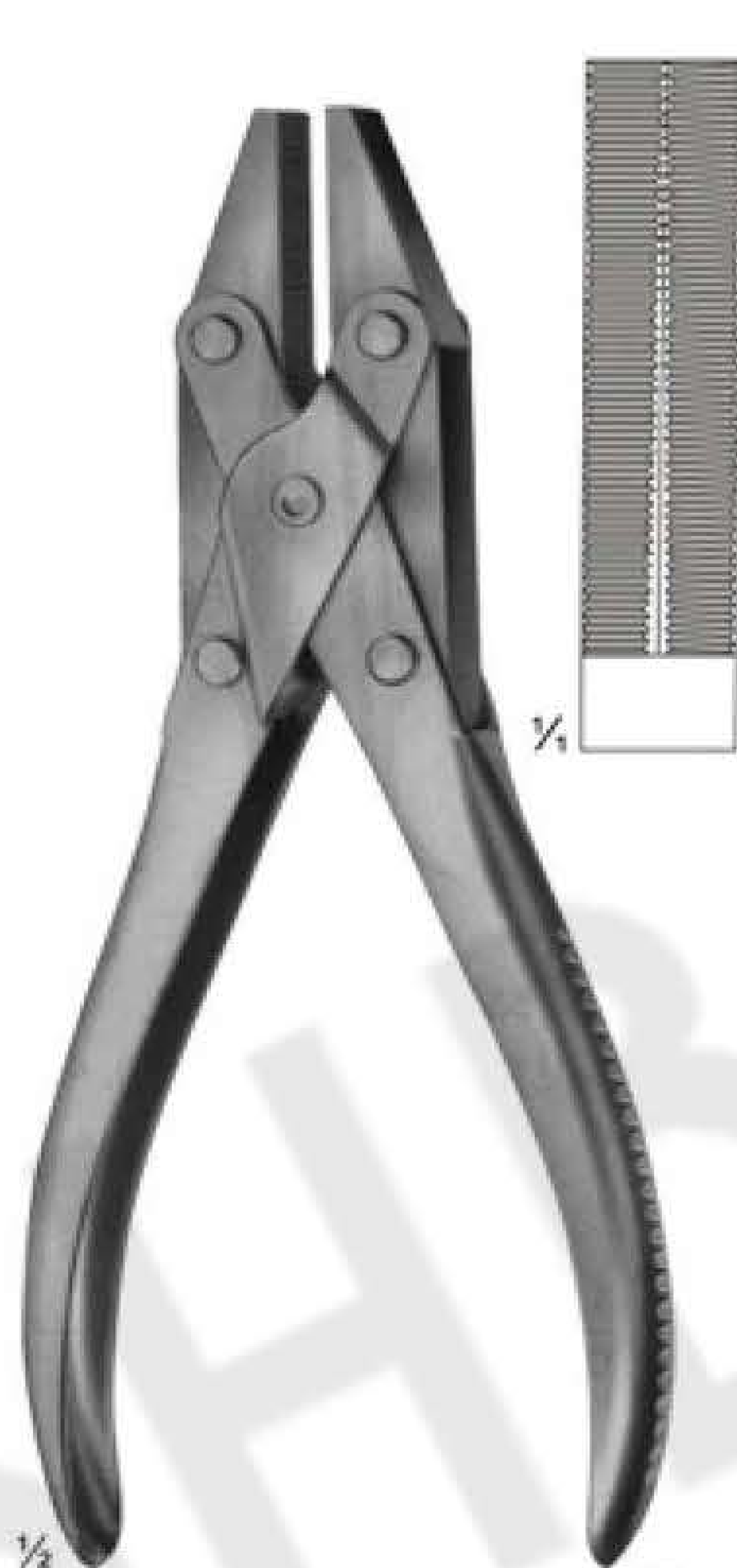
Wire Holding forceps, Flat-nosed Pliers, Pliers for bending and cutting wires



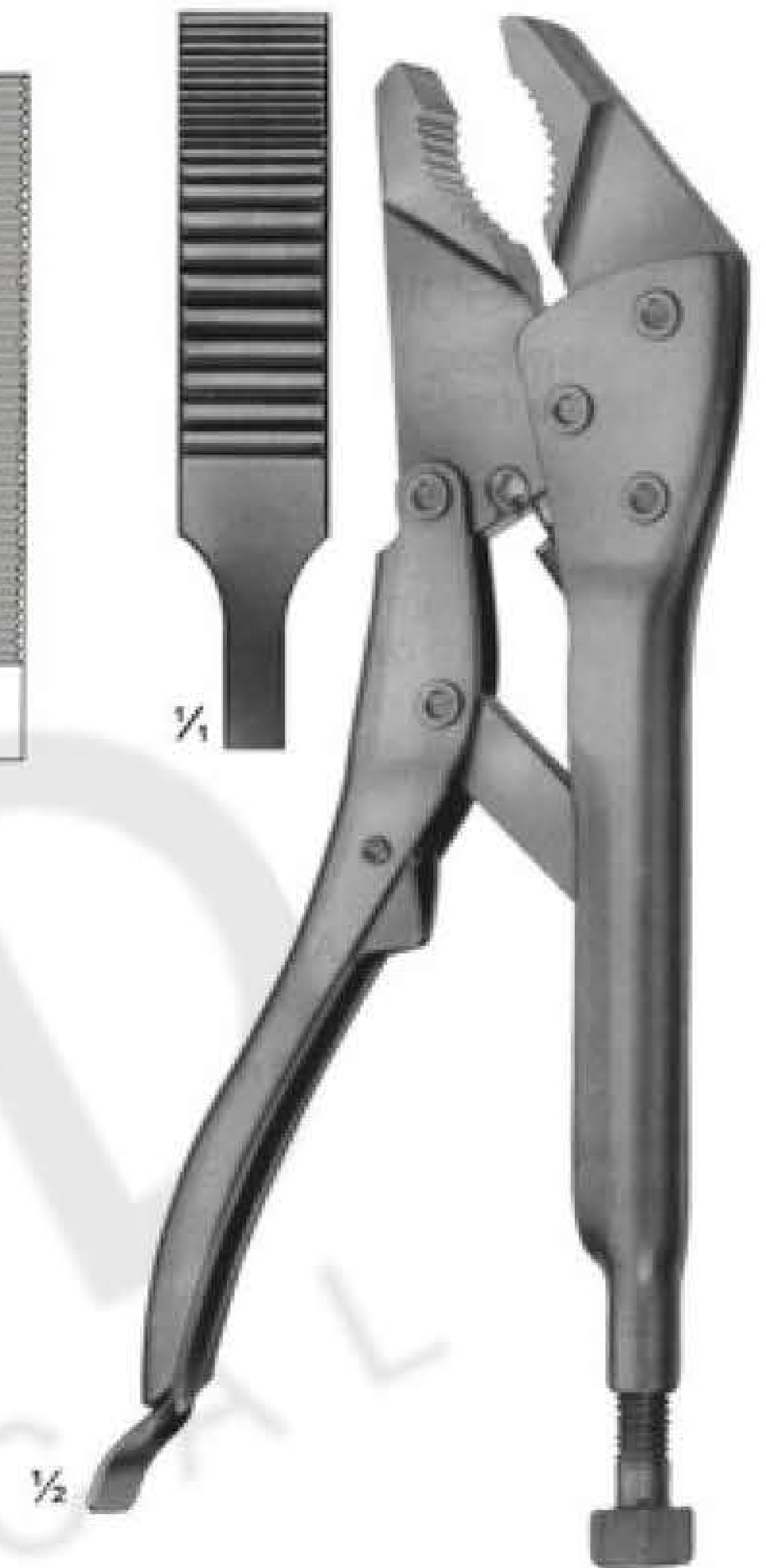
17-200
130 mm

17-201
180 mm

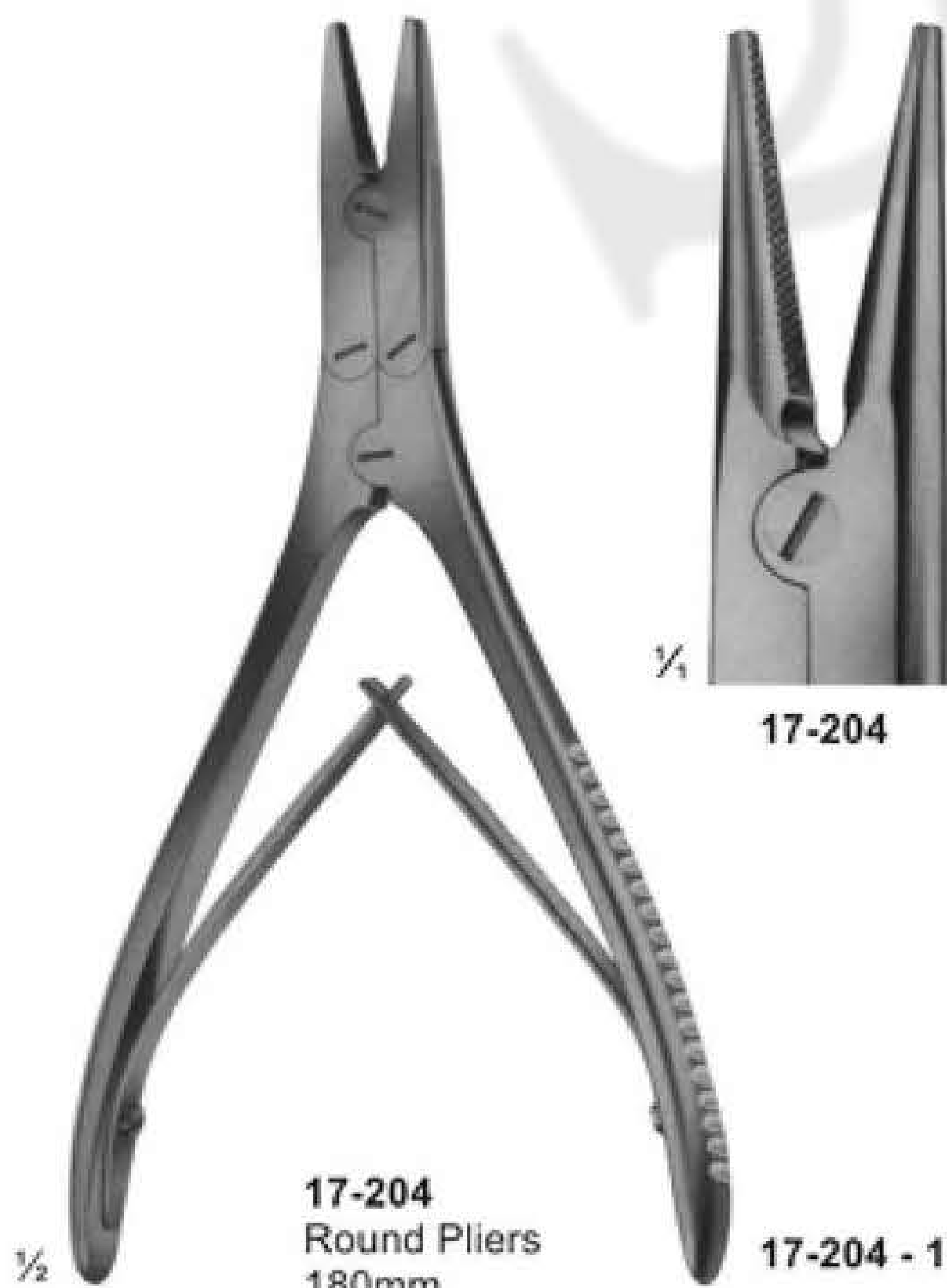
17-200 - 17-201
Extraction pliers
for boring wires



17-202
Flat-nosed pliers,
parallel
185 mm



17-203
Vise grip
200 mm



17-204
Round Pliers
180mm

17-204 - 17-207

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



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

Wire Cutters and wire Cutting Scissors DUROTIP with Carbide Cutting Edges



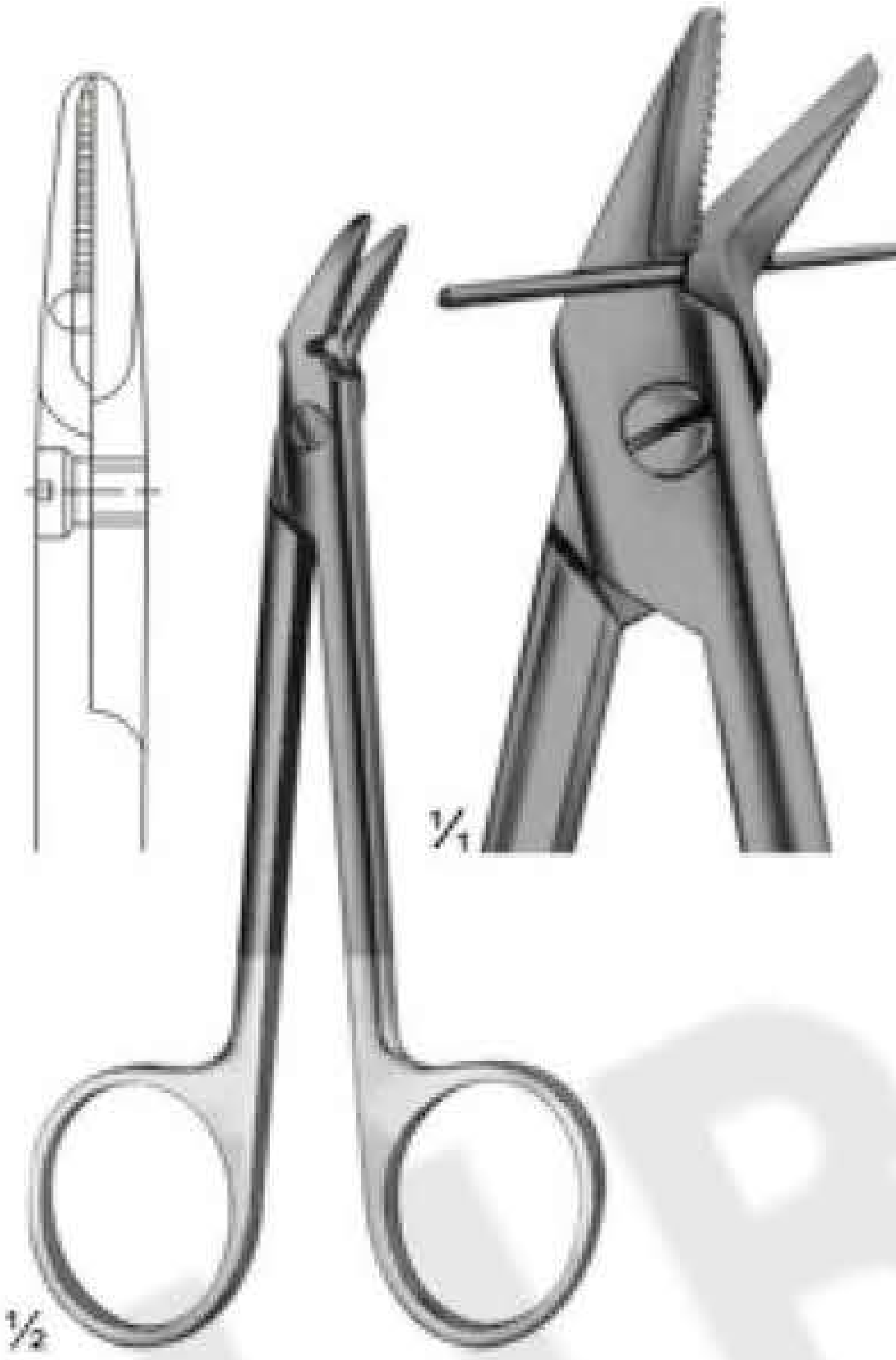
17-209
ANGLE
130 mm

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

0,5 mm
0,3 mm

17-210
DUROTIP
ANGLE
130 mm

0,6 mm
0,4 mm



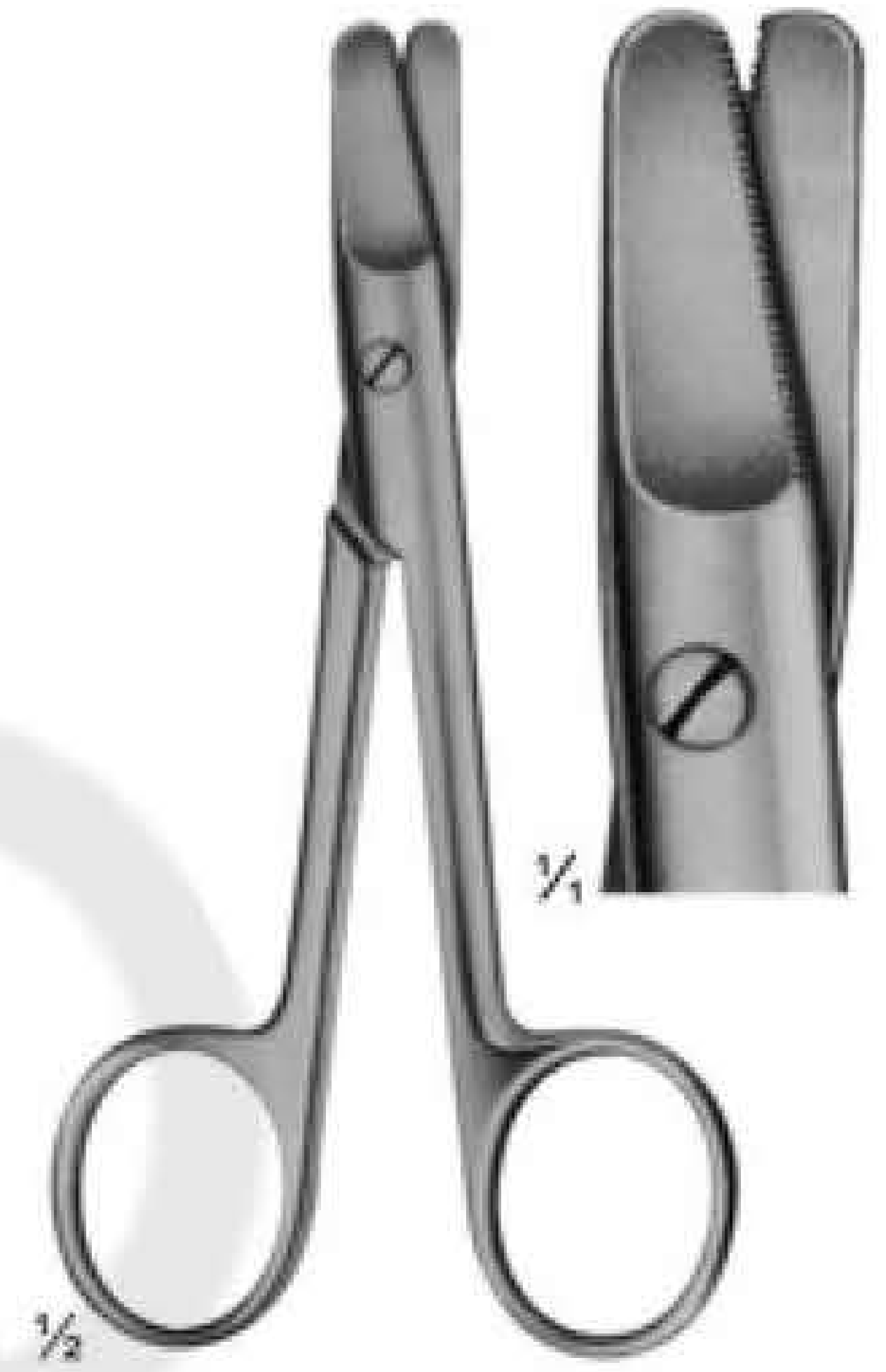
17-211
120 mm

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

1,2 mm
0,8 mm

17-212
DUROTIP
120 mm

1,2 mm
0,8 mm



17-213
HARVEY
125 mm

0,4 mm
0,3 mm



17-214
150 mm

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

1,5 mm
1,0 mm



17-215
160 mm

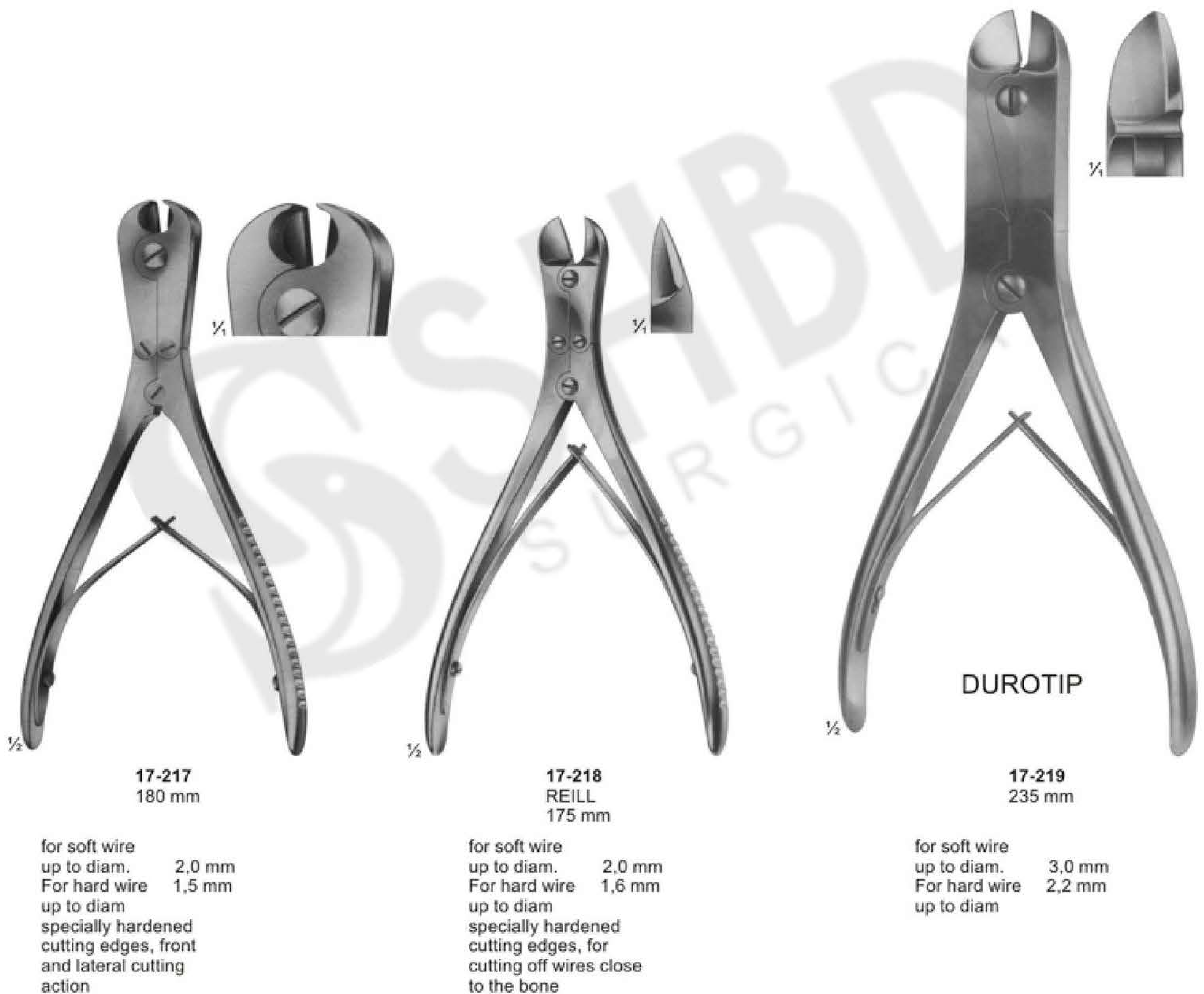
1,5 mm
1,2 mm



17-216
140 mm
DUROTIP
1,5 mm

1,0 mm

Wire Cutting Pliers, Lateral Cutting Action



Wire Cutting Pliers, Lateral and Front Cutting Action



Wire Cutting Pliers



17-224
320 mm

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



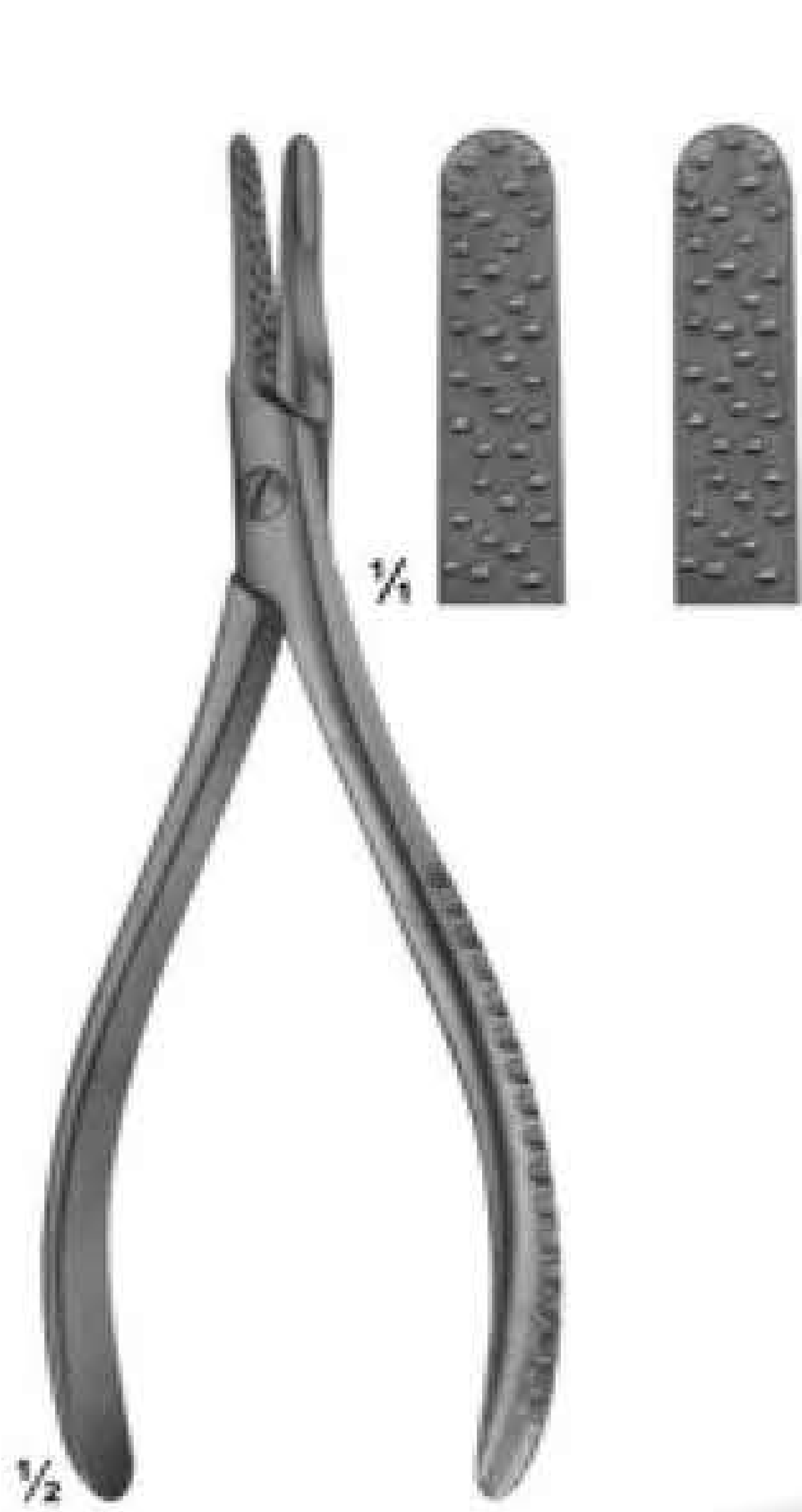
Cutter for cutting off
KIRSCHNER wires,
Tibia head screws,
bolts, pins, up to 3 mm diam.



DUROTIP

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

Finger Nail Instruments



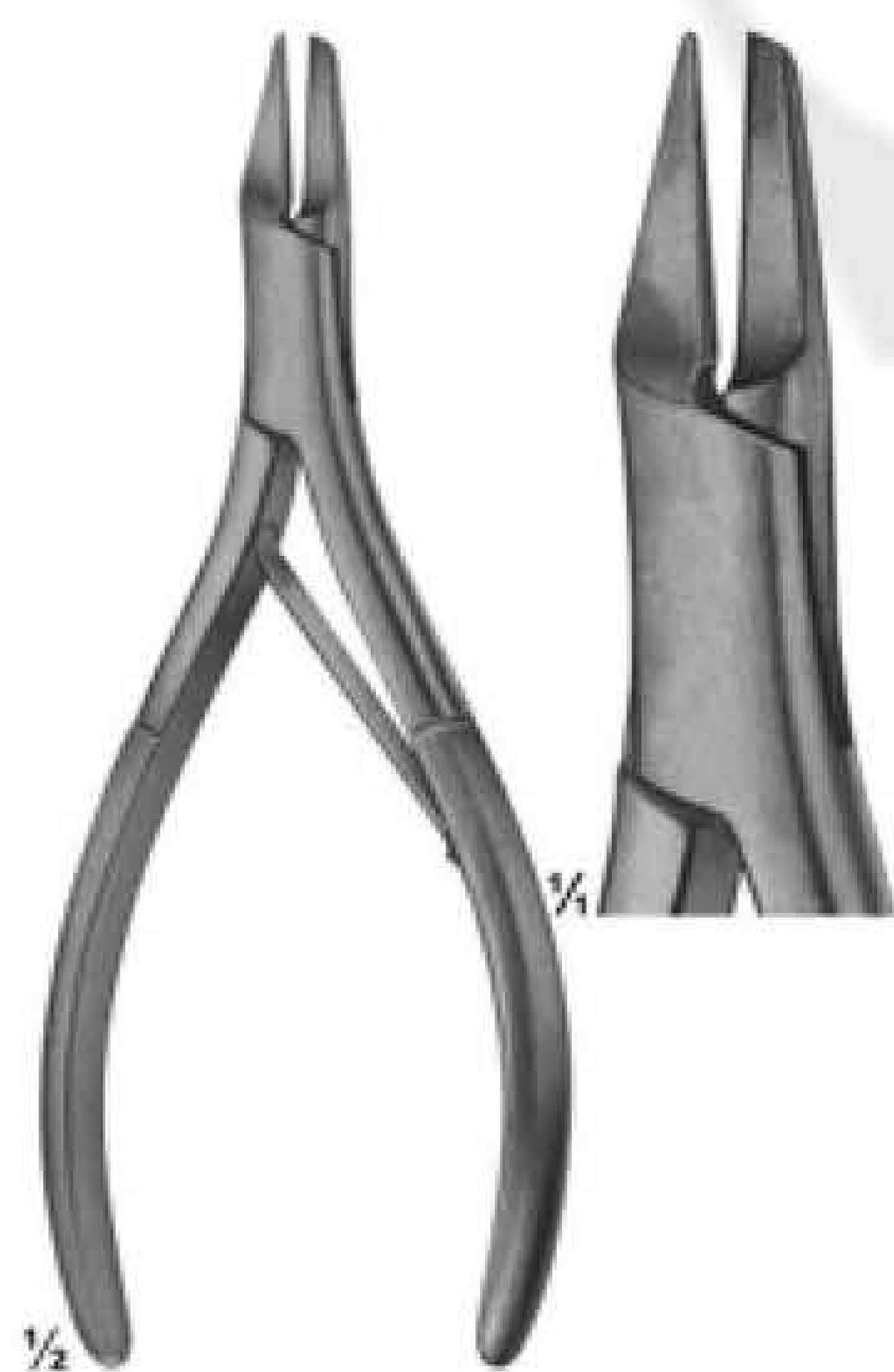
17-226
Nail extracting
forceps
135 mm



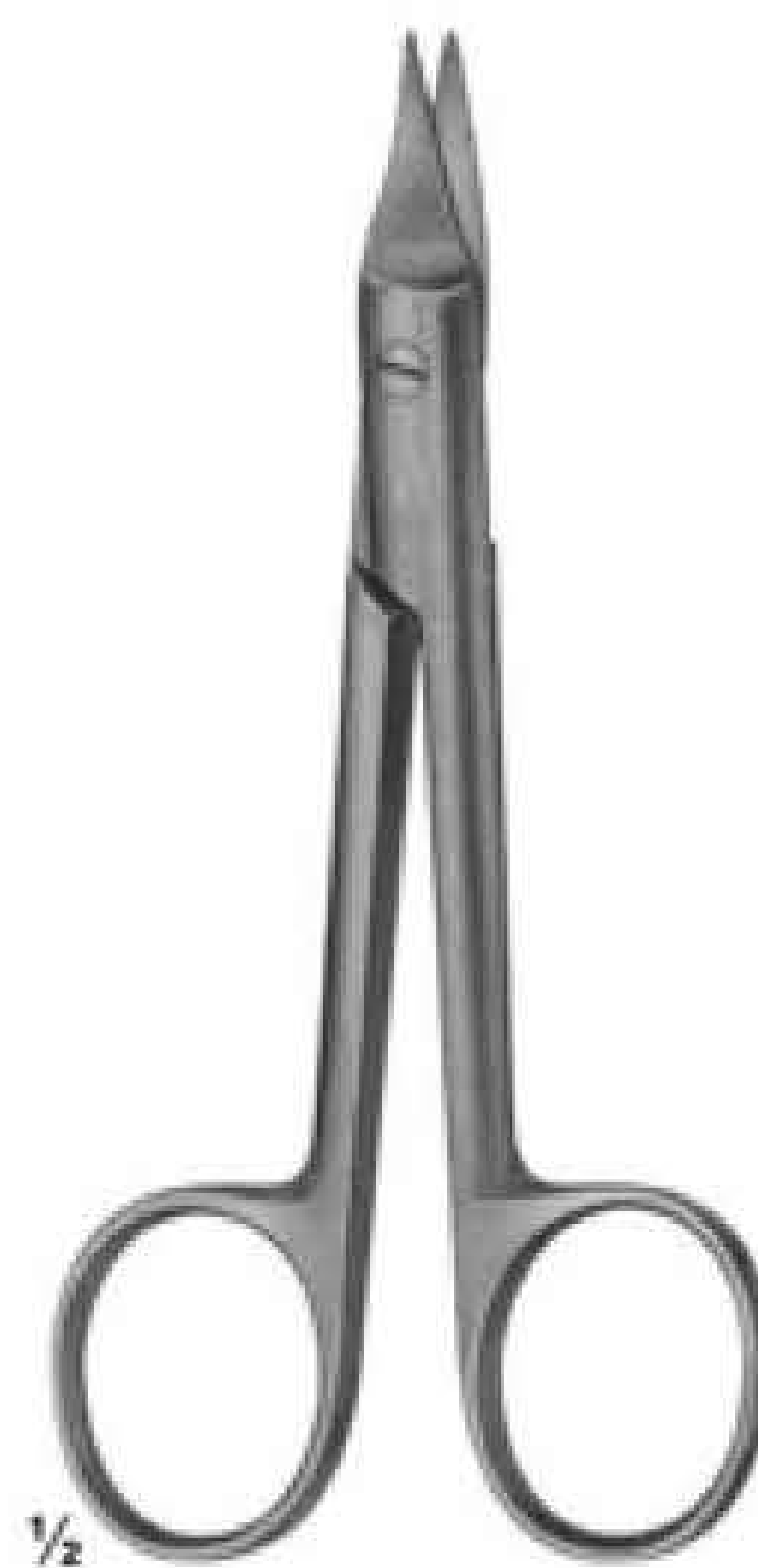
17-227
Nail extracting
forceps
145 mm



17-228
Finger nail drill
with 3 drill points



17-231
Nail splitting
forceps
135 mm



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



17-233
Finger ring saw
150 mm

Plaster Shears



17-235
STILLE-AESCALAP
260 mm



17-236
STILLE-AESCALAP
360 mm

Plaster Spreader, Plaster Breakers



17-237
HENING
270 mm



17-238
MOD.USA
230 mm



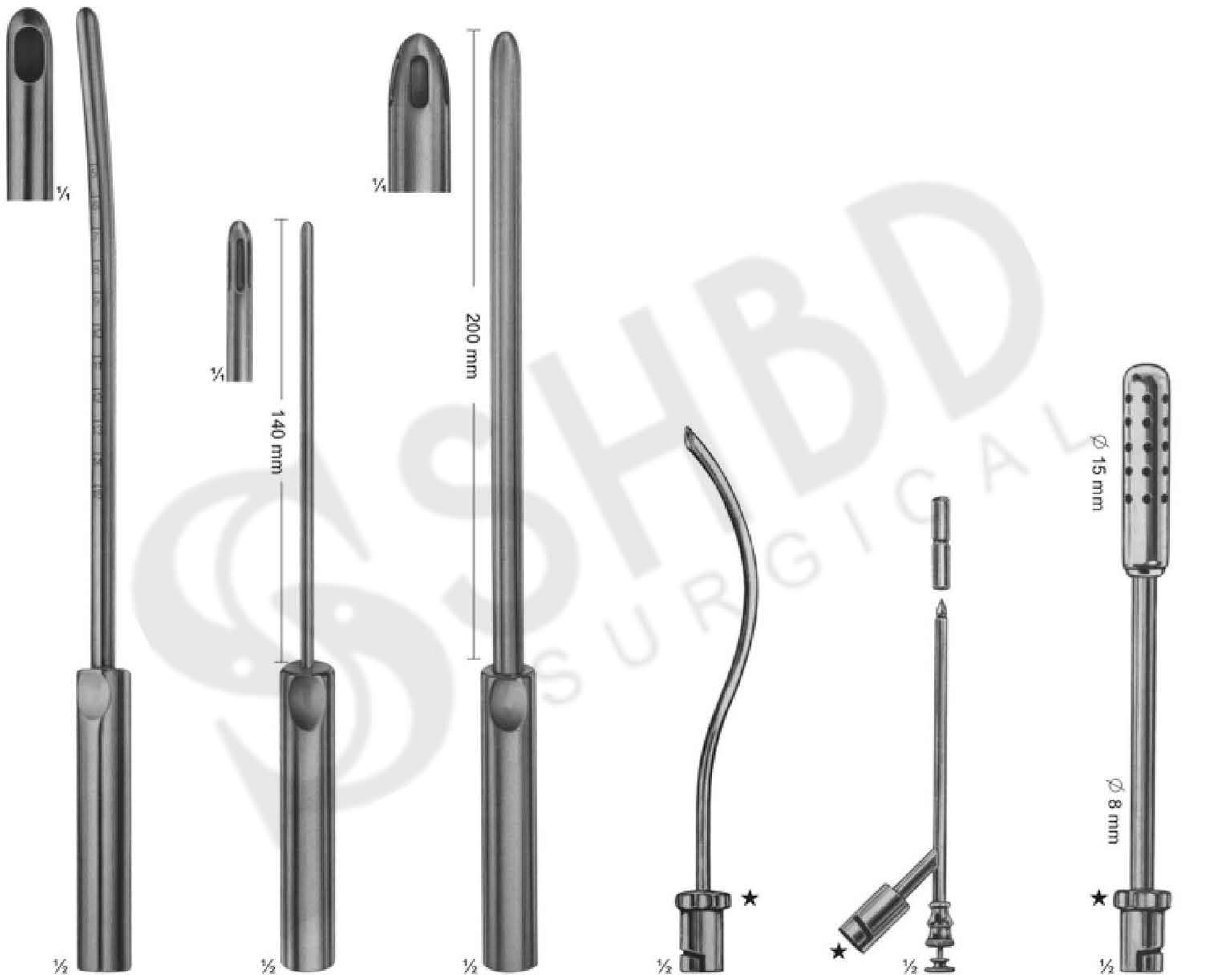
with removable jaws

17-239
290 mm



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

Vacuum Currettes for Aspiration Lipectomy, Suction Instruments



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

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

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

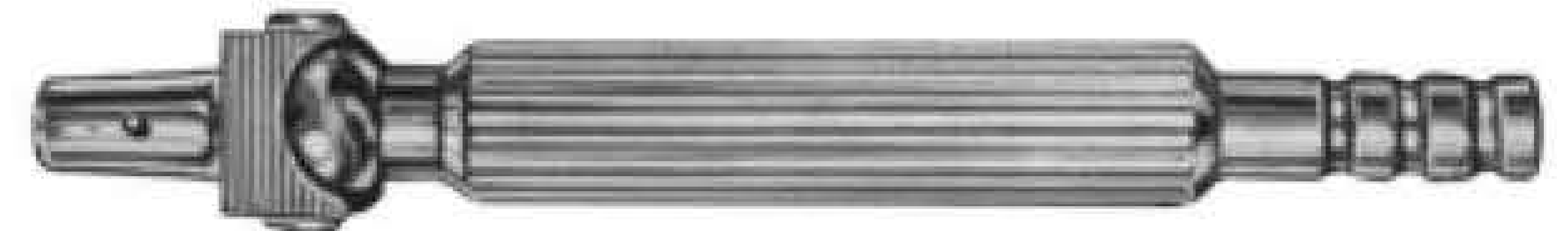
18-112
For aspirating fluid from the excretory ducts of large glands and for keeping the operating area clear
170 mm

18-113
Trocar
For puncturing
150 mm

18-114
For clearing large quantities of fluid
190 mm

Suction Instruments

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



olive
Ø 9 mm

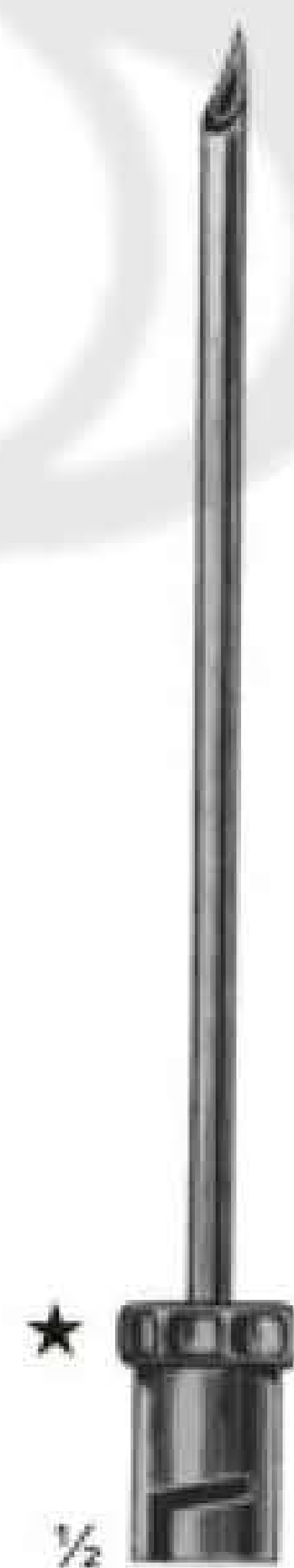
18-116 170mm
Suction handle, with hand regulation valve and quick-shutter, brass, mirror-finish chromium-plated



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



18-117
Trocar
For puncturing
170 mm



18-118
Hollow needle,
sharp
150 mm



18-119
double curved
For general
surgery
230 mm



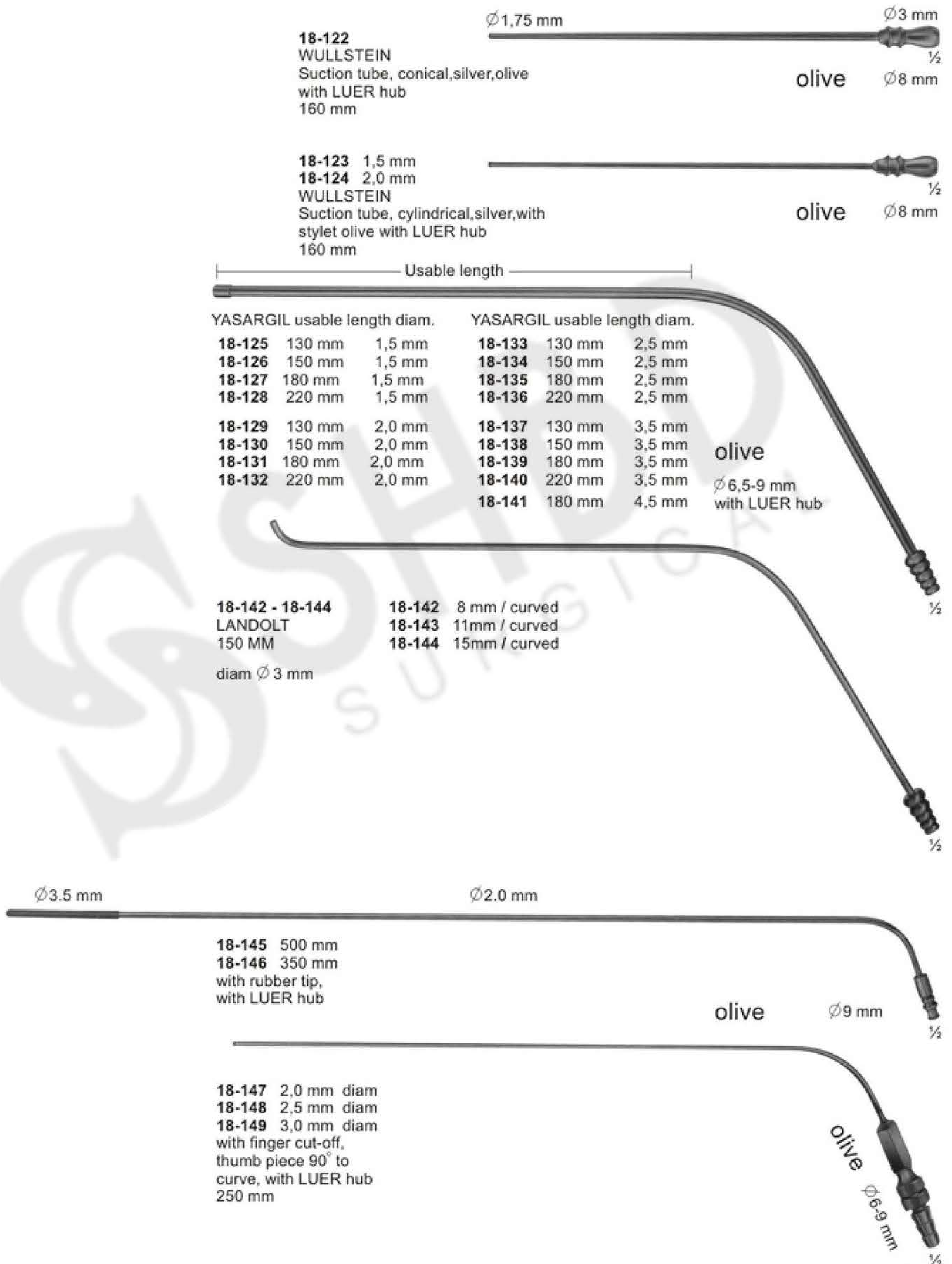
18-120
For tonsillectomy,
oral and laryngeal
operations
190 mm



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

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

Suction Instruments



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

$\phi 1,75$ mm $\phi 3$ mm
olive $\frac{1}{2}$
 $\phi 8$ mm

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

$\frac{1}{2}$
olive $\phi 8$ mm

Usable length

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

olive $\phi 6,5-9$ mm
with LUER hub

18-142 - 18-144
LANDOLT
150 MM
diam $\phi 3$ mm

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

$\phi 3,5$ mm $\phi 2,0$ mm

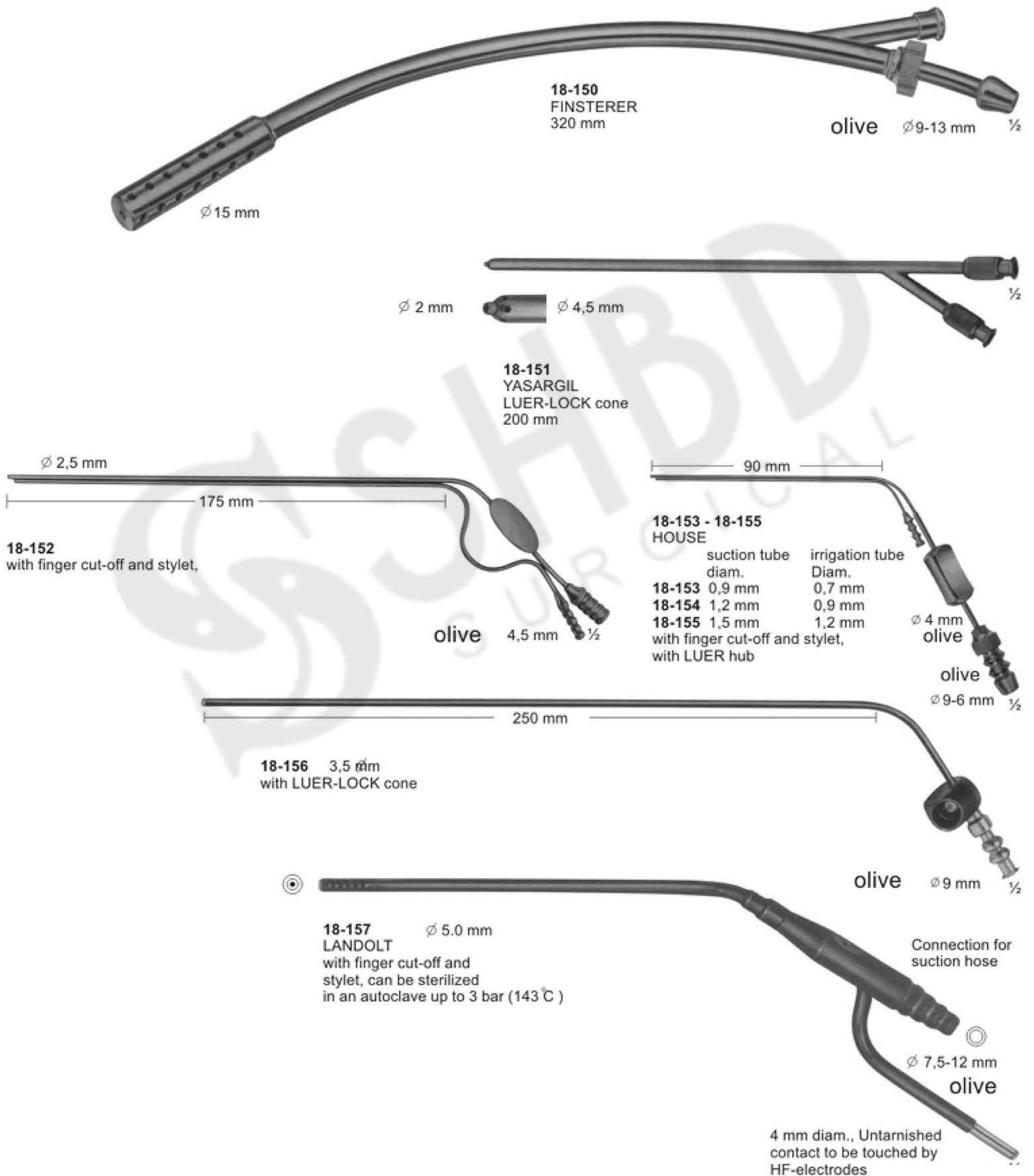
18-145 500 mm
18-146 350 mm
with rubber tip,
with LUER hub

olive $\phi 9$ mm $\frac{1}{2}$

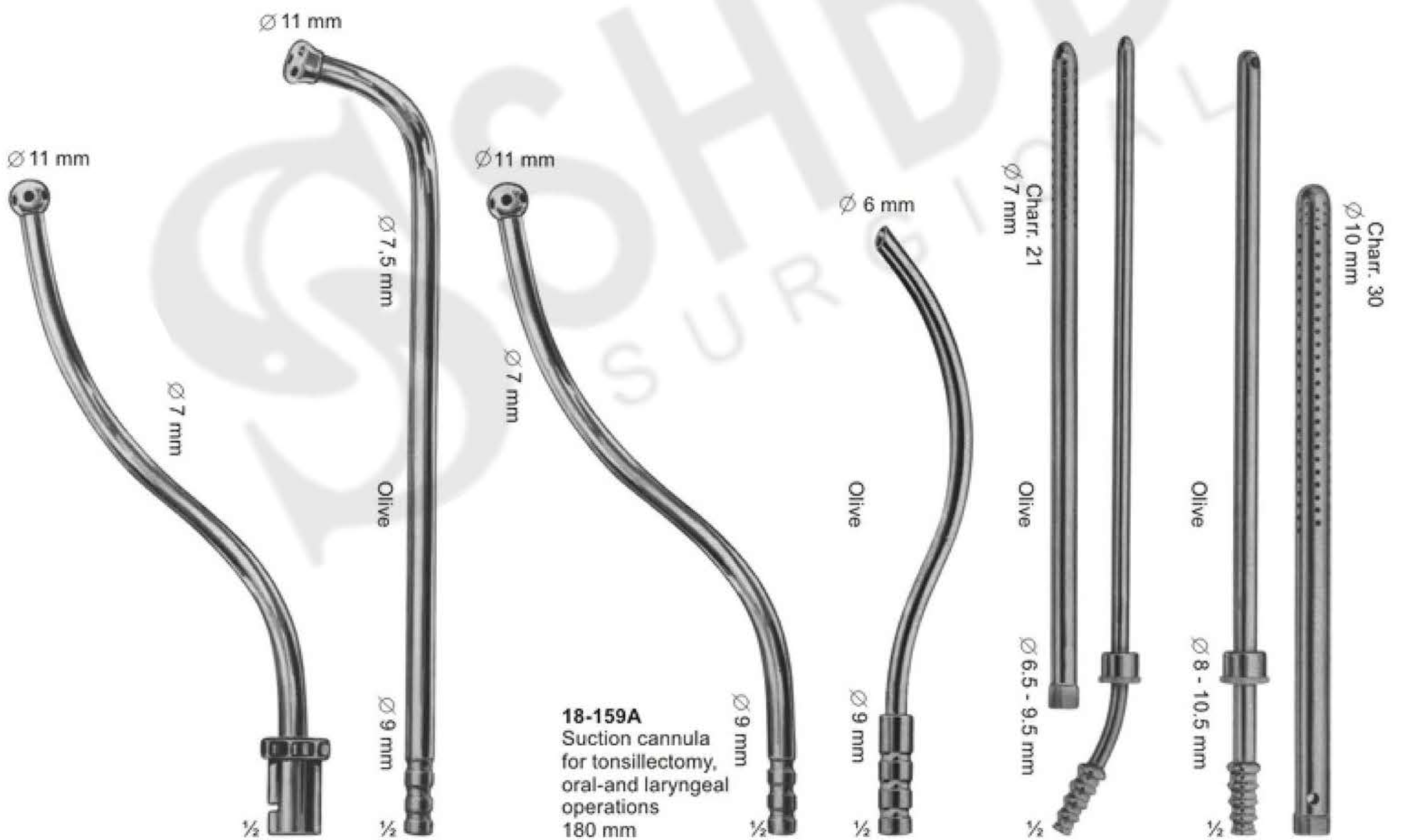
18-147 2,0 mm diam
18-148 2,5 mm diam
18-149 3,0 mm diam
with finger cut-off,
thumb piece 90° to
curve, with LUER hub
250 mm

olive $\phi 6-9$ mm $\frac{1}{2}$

Combined Suction and Irrigation Cannulae, Coagulation Suction Cannulae



Suction Instruments



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

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

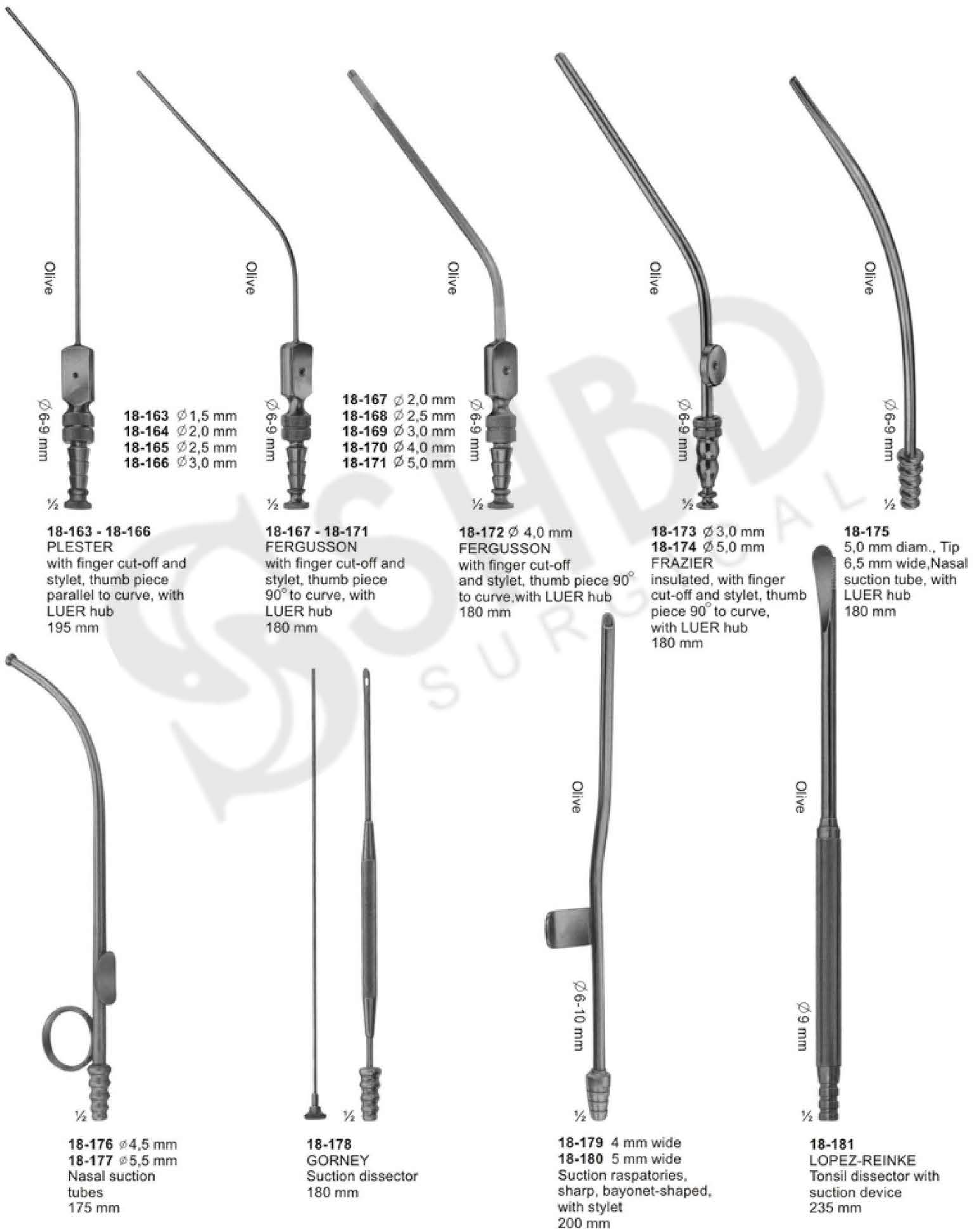
18-159A
Suction cannula
for tonsillectomy,
oral-and laryngeal
operations
180 mm

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

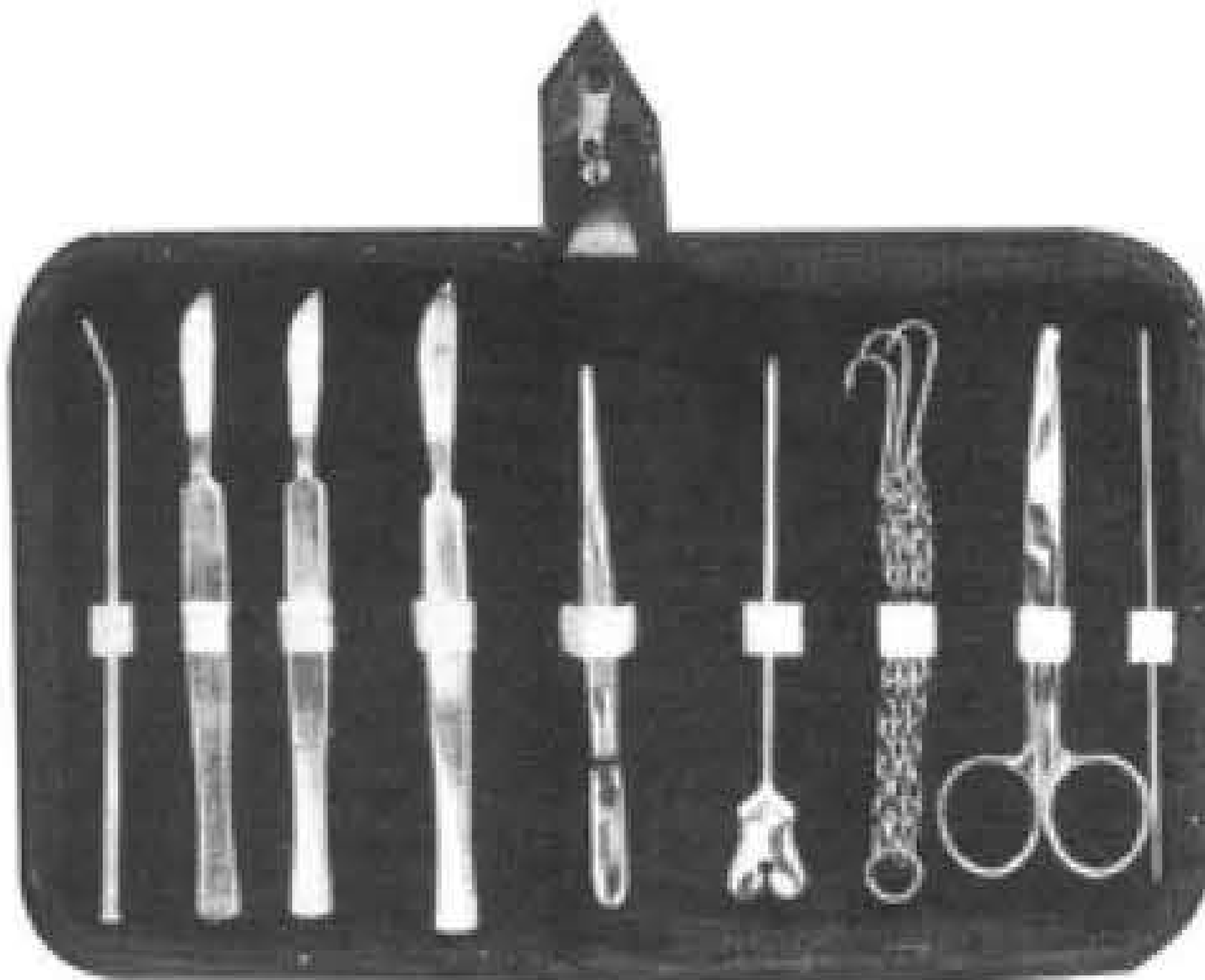
18-161
POOL
Suction cannula,
with outer tube
to be screwed of
225 mm

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

Suction Instruments

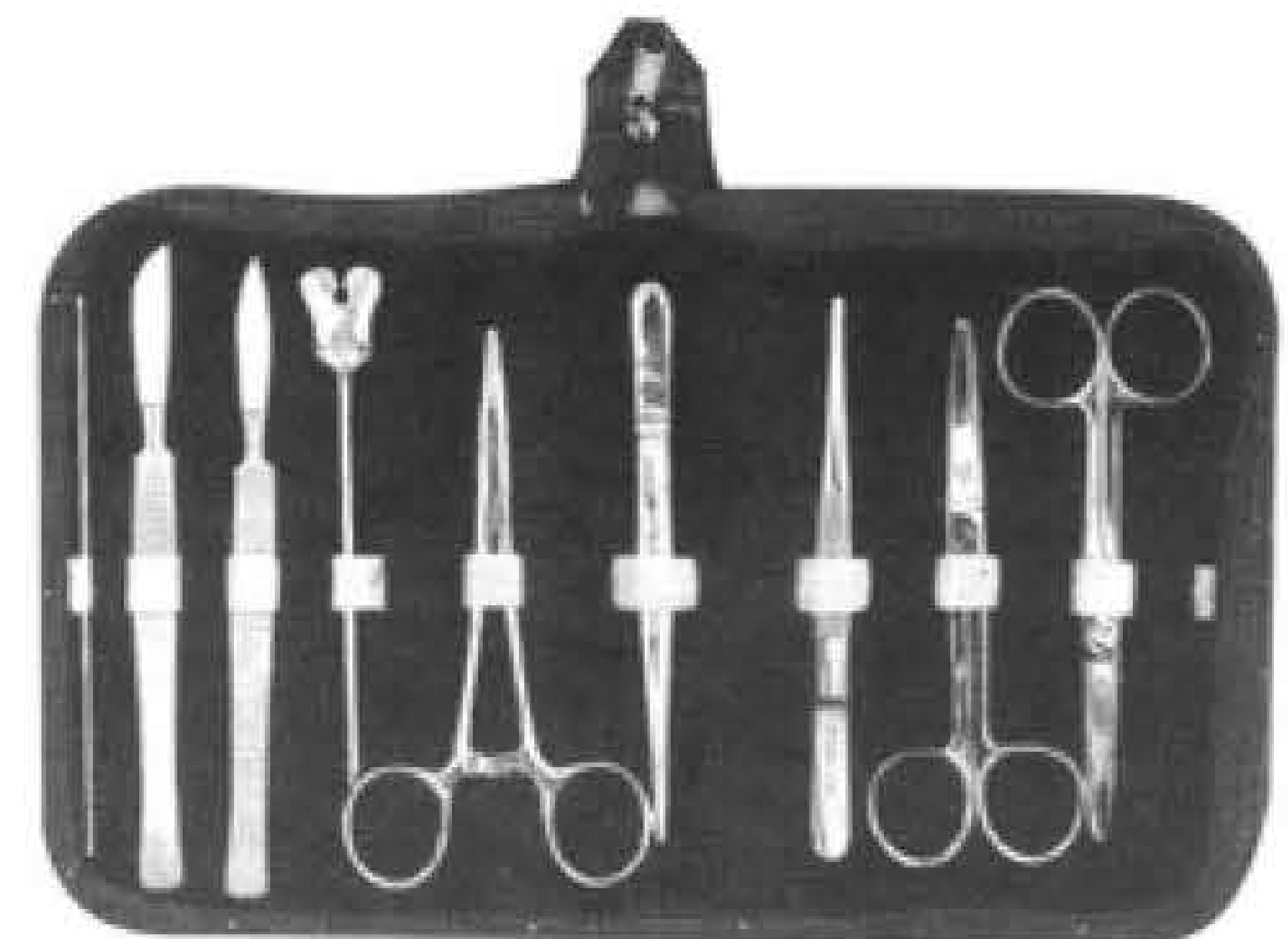


Dissection Instruments



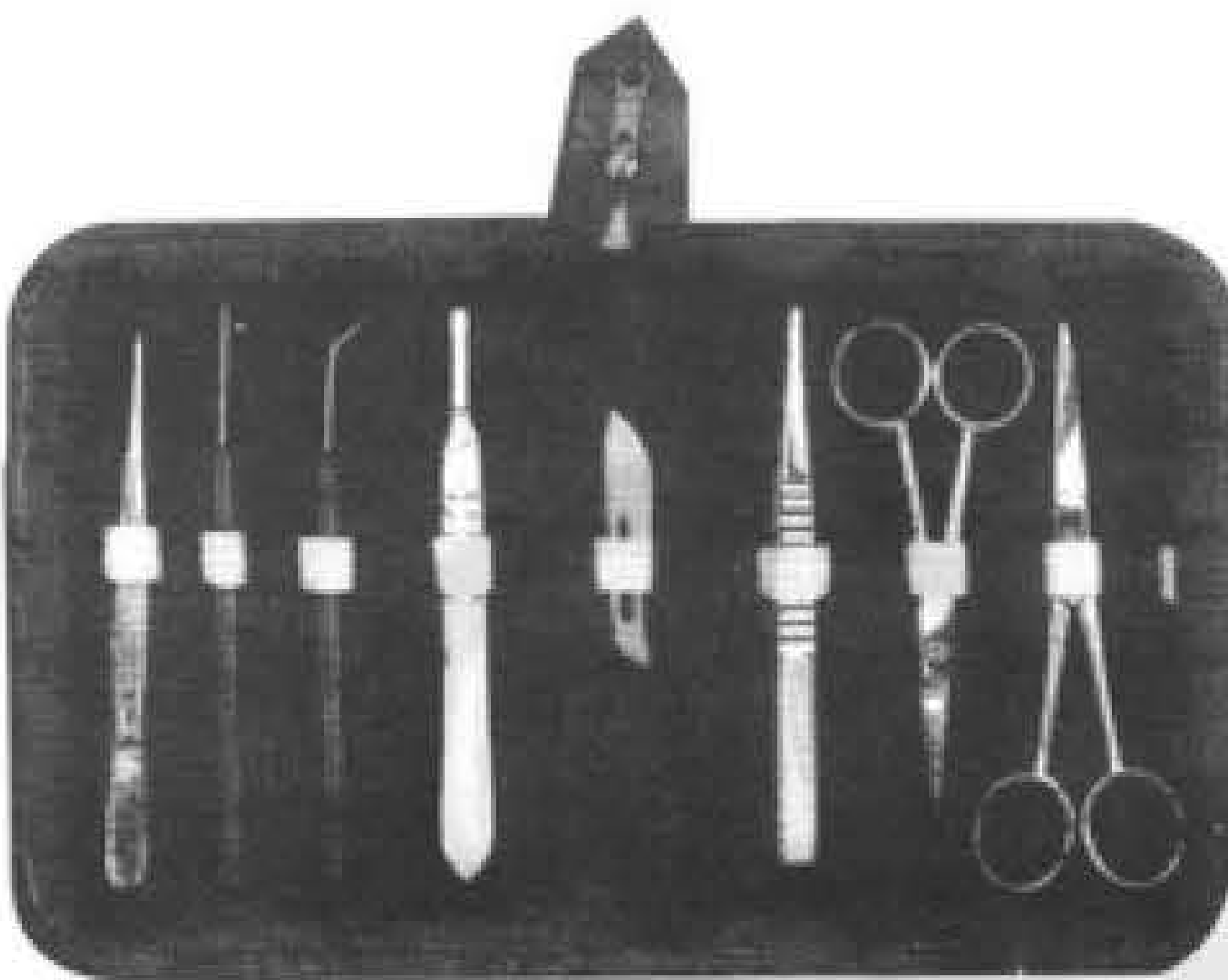
18-182

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



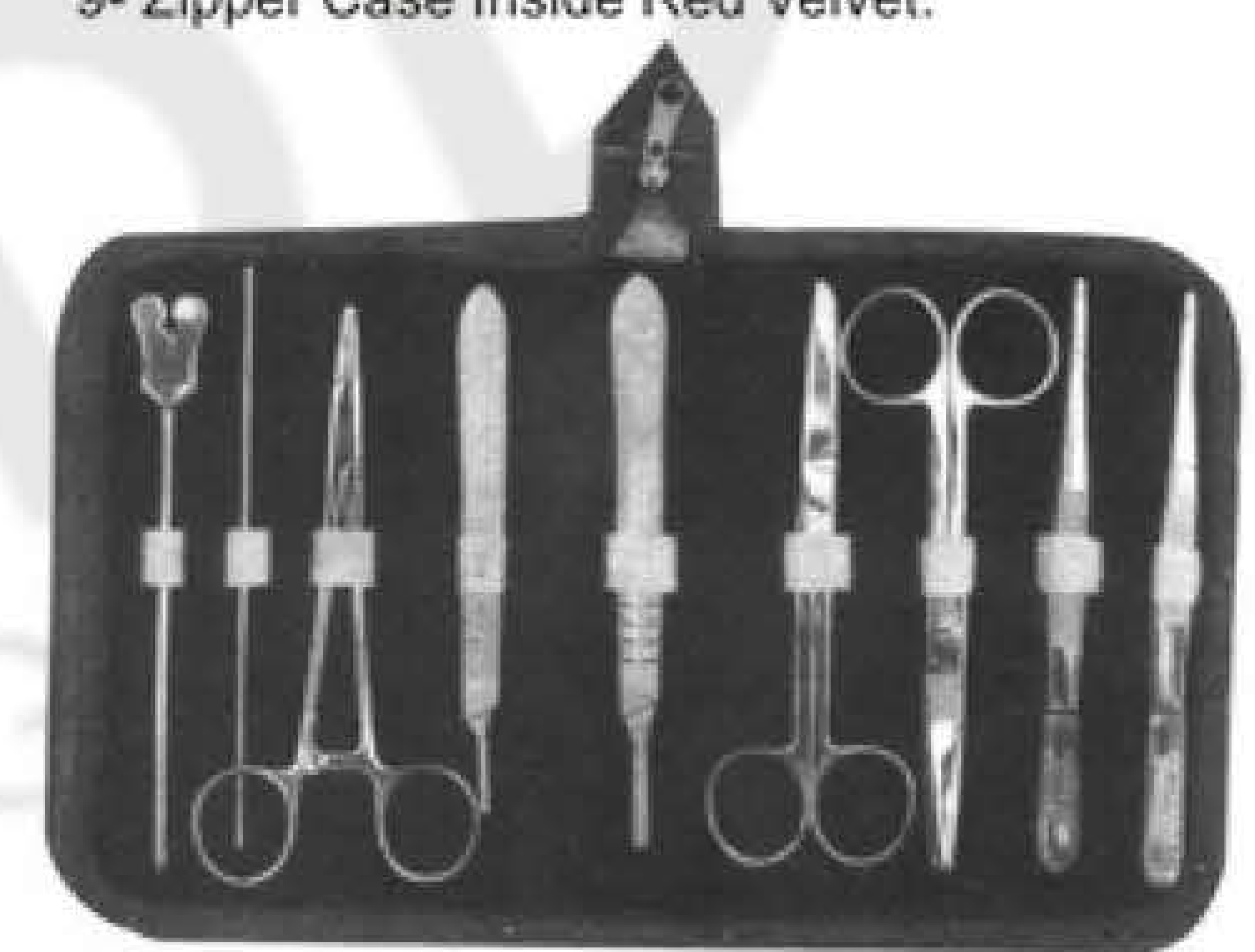
18-183

- 1- Probe Double 13 cm
- 2- 2 PCS. Scalpel S.S
- 3- Grooved Director With tongue Tie 13 cm
- 4- Mayo Hegar Needle Holder 13cm
- 5- 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



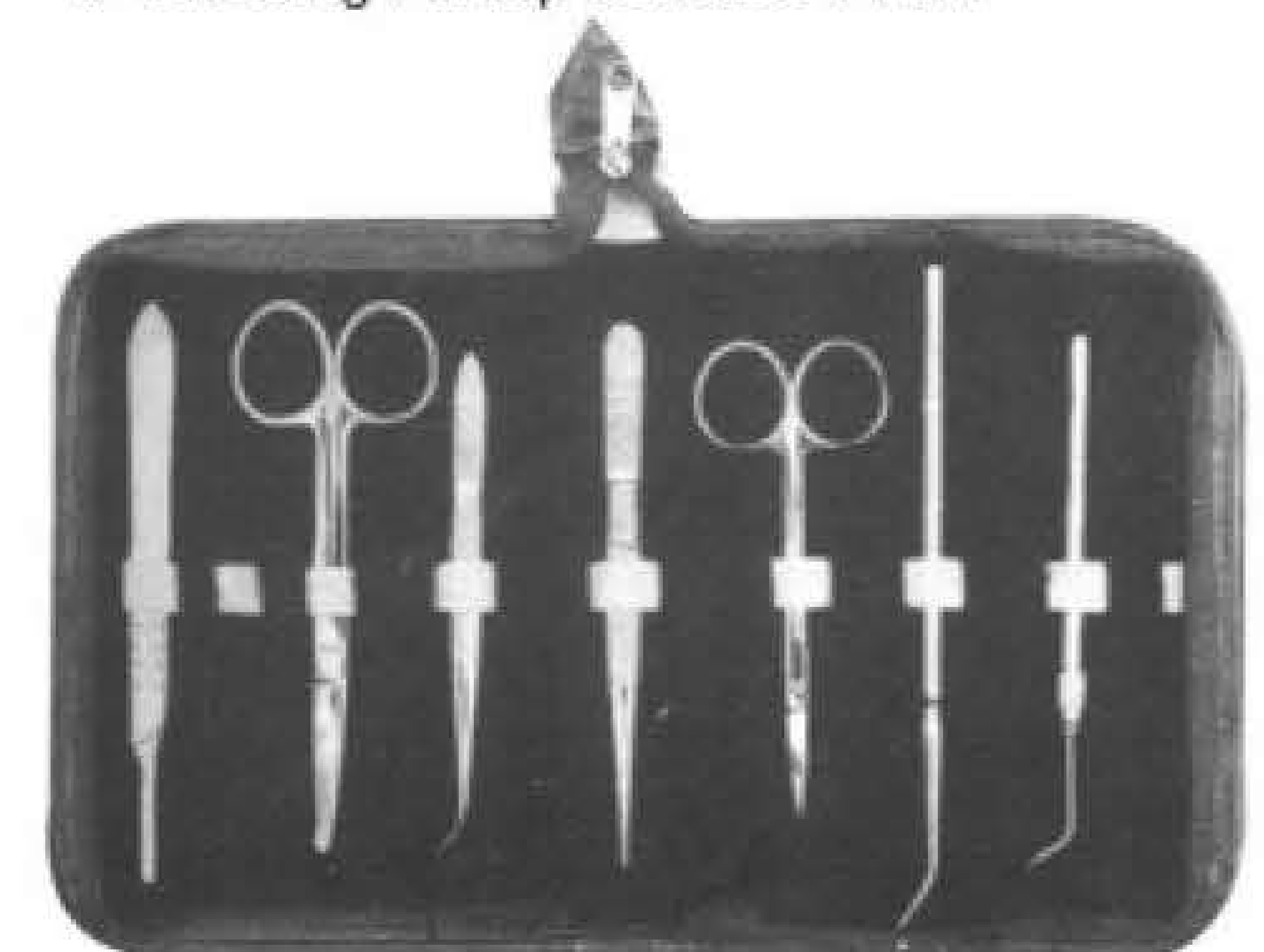
18-185

- 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

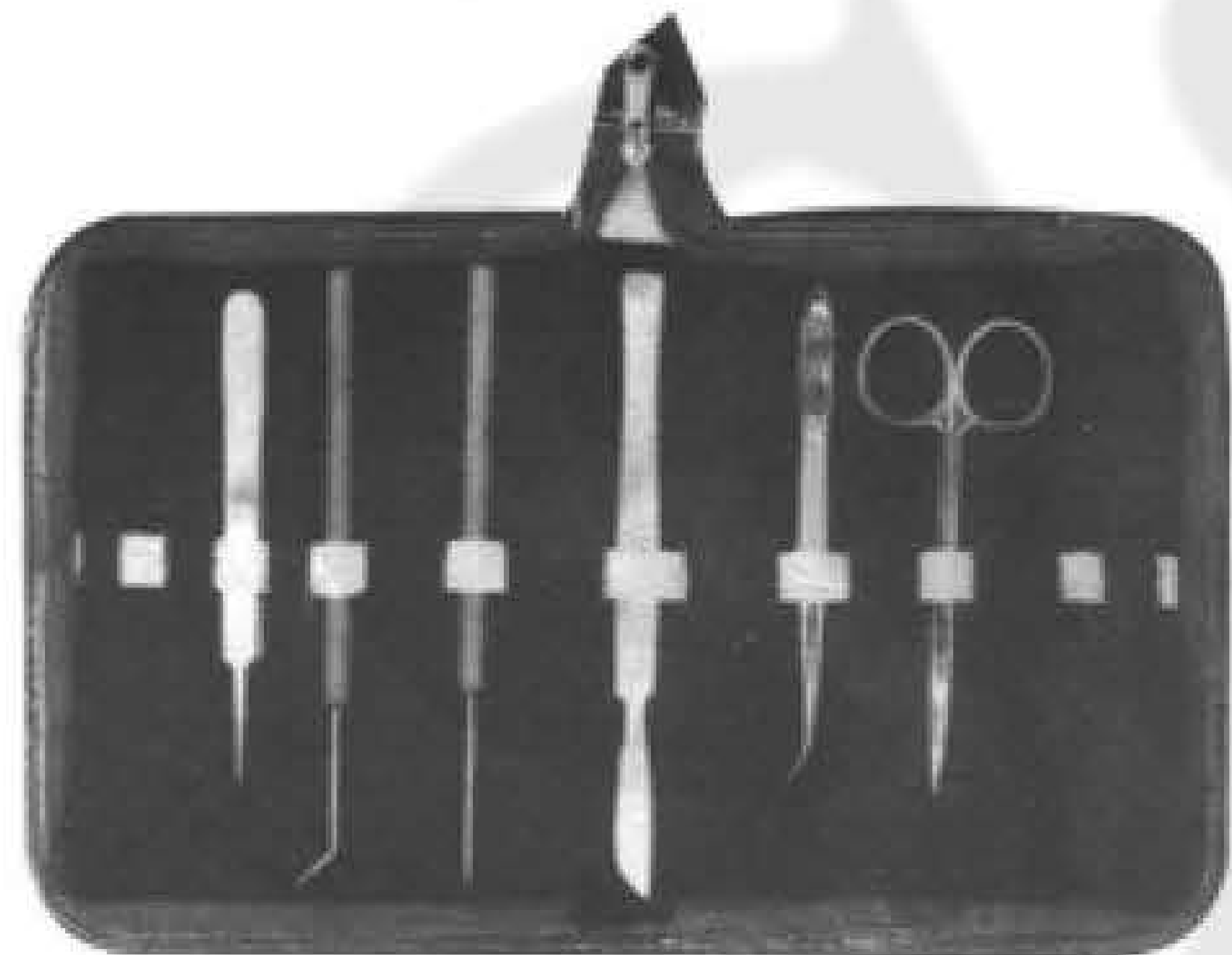
- 1- Teasing Needle with Chuck CVD.
- 2- Huber Probe
- 3- Iris Scissor
- 4- Dissecting Forcep Fine 14 cm.
- 5- Dissecting Forcep Fine CVD. 12 cm
- 6- Operating Scissor with Probe 14 cm.
- 7- B.P. Handle no. 4

Dissection Instruments



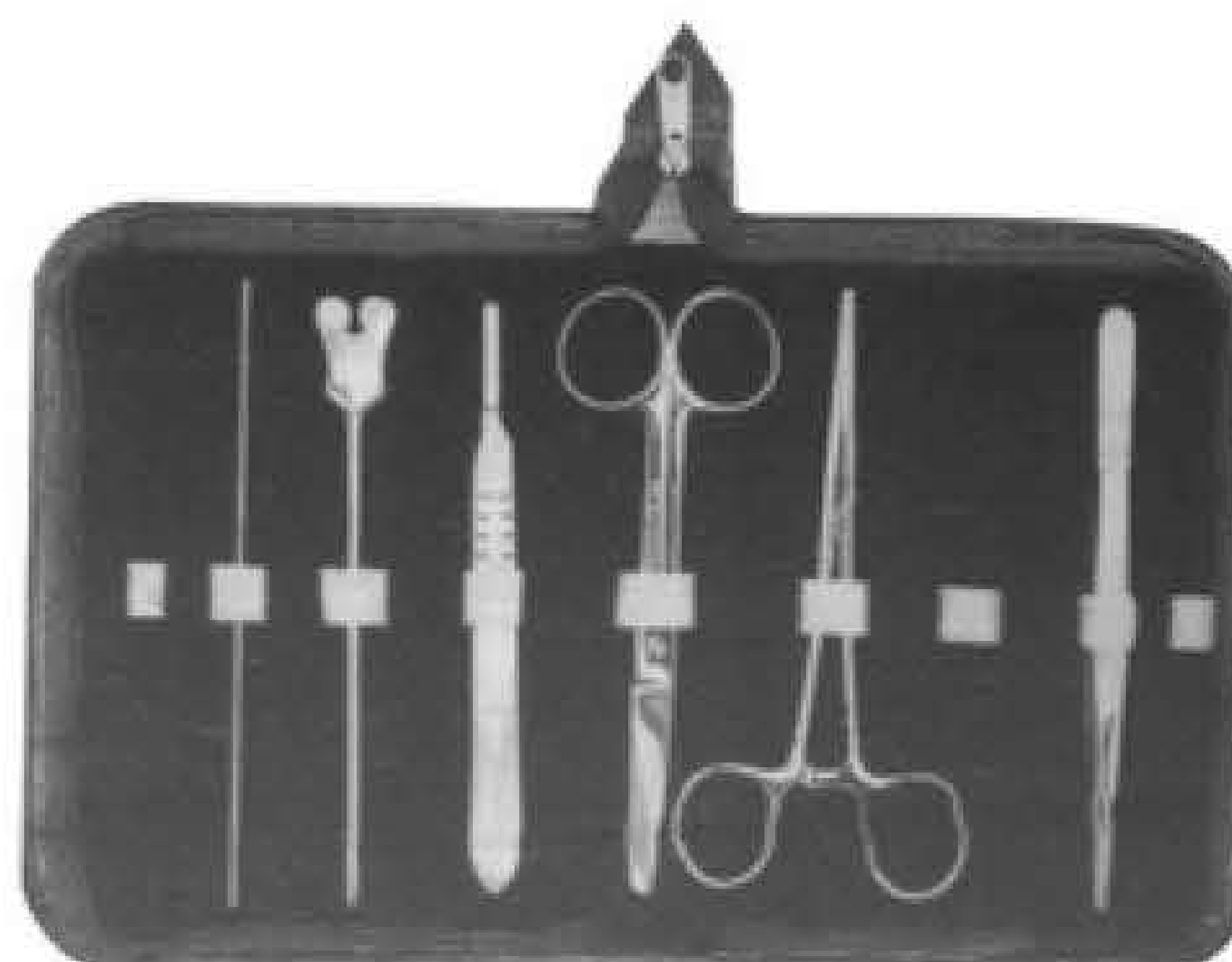
18-188

- 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.



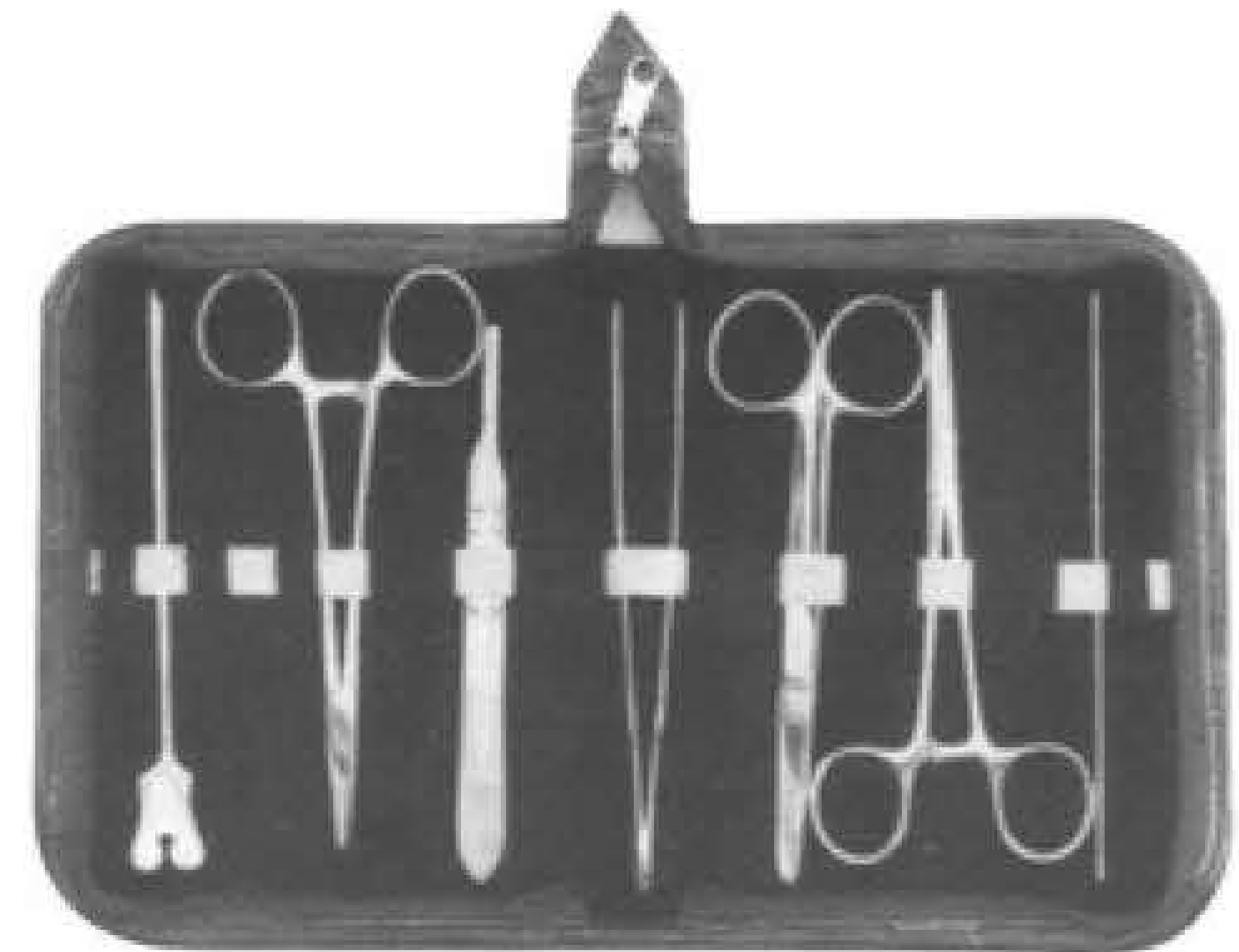
18-190

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



18-192

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



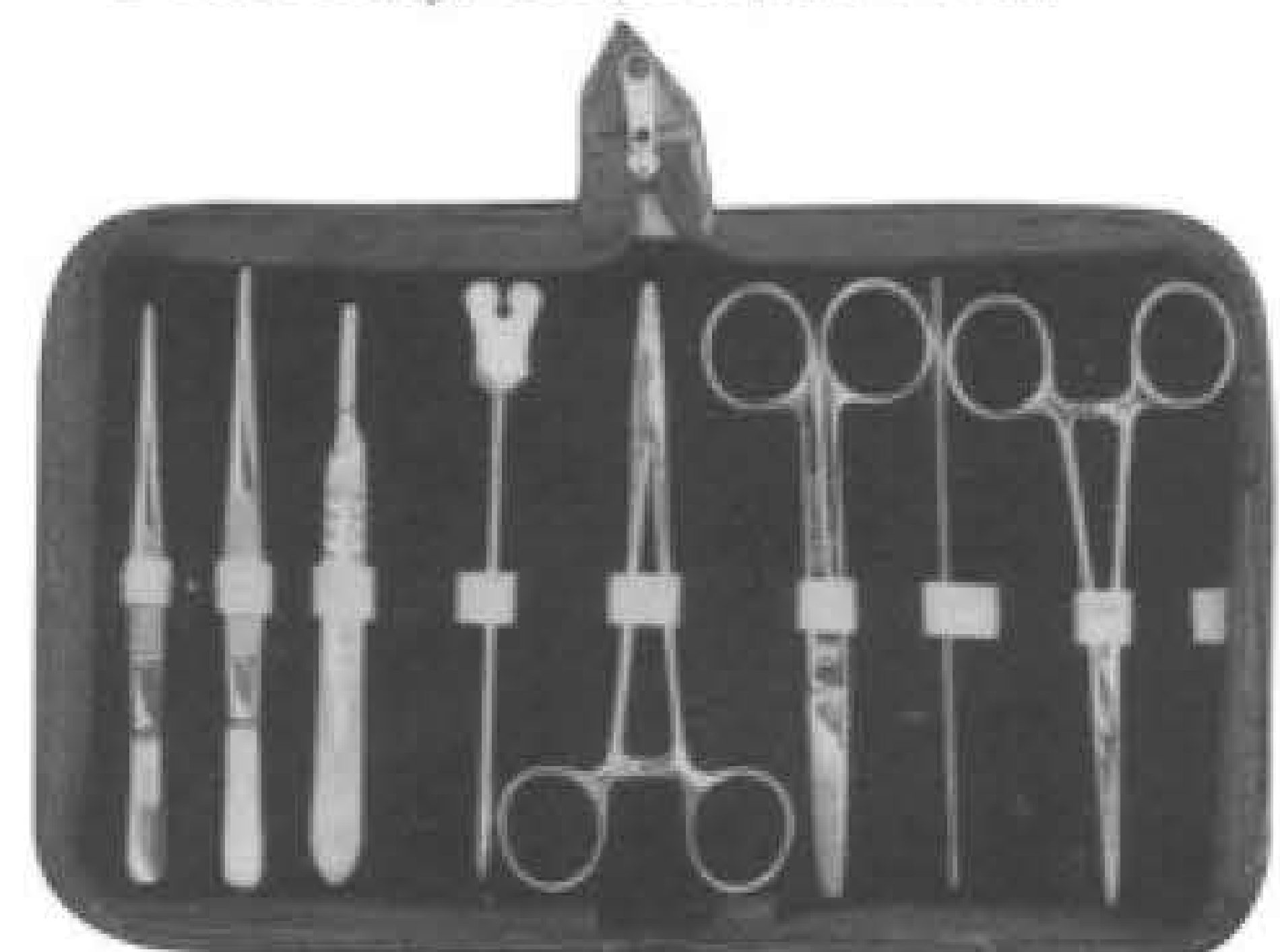
18-189

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

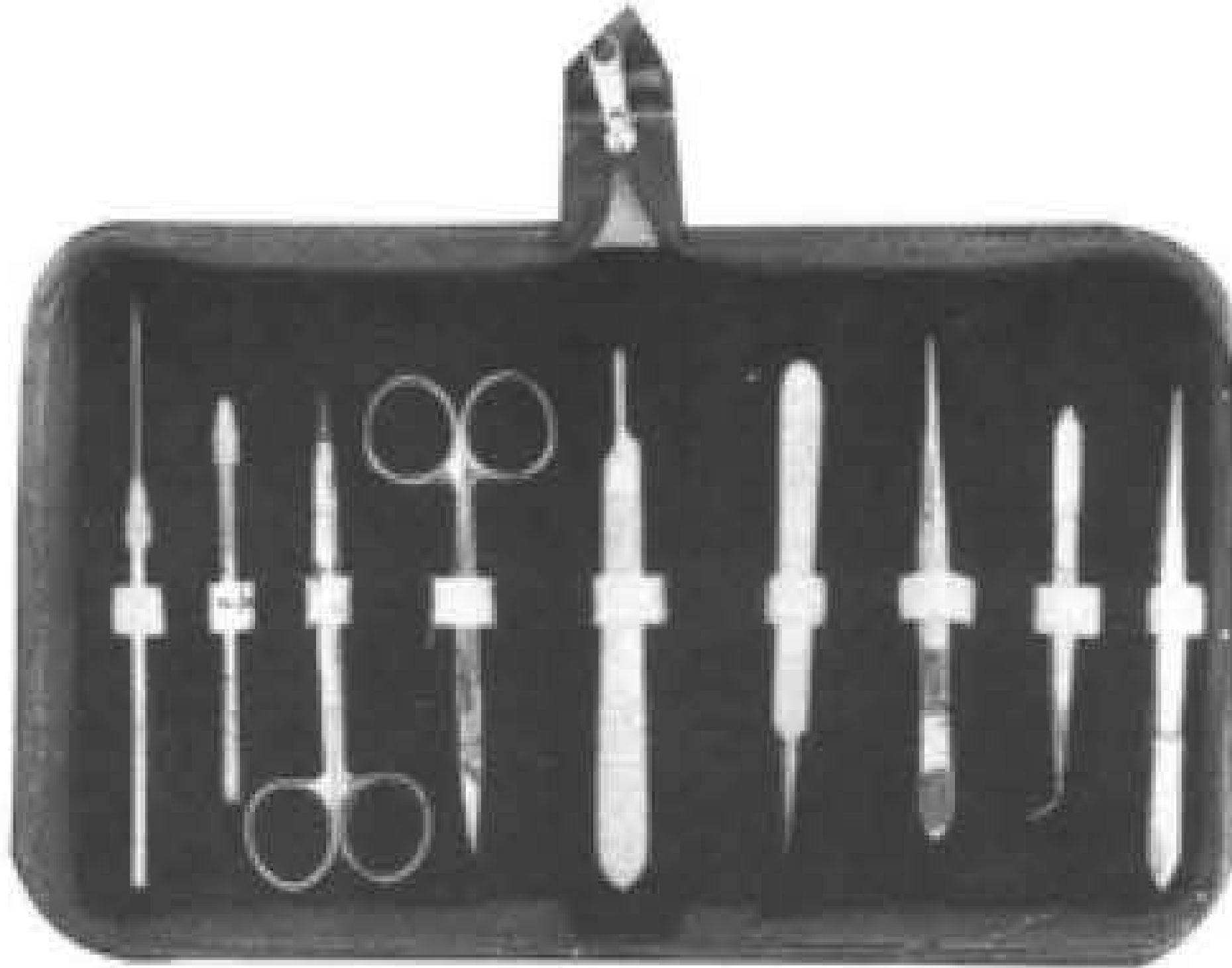
- 1- Probe Double end
- 2- B.P Handle No. 4
- 3- Dissecting Forcep 1x2 Teeth 14 cm.
- 4- Operating Scissor S/B str 14 cm
- 5- Mayo Hearn Needle Holder 14 cm
- 6- Kelly Forcep STR 14 cm.
- 7- Operating Scissor S/B CVD 14 cm
- 8- Grooved Director and Tongue tie
- 9- Dissecting Forceps Thumb 14 cm.



18-193

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

Dissection Instruments



18-194

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



18-195

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



18-196

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



18-197

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

Hospital Wares



19-101 - 115
Schimmelbusch

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



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



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



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



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



19-122
Ø 65mm x 15mm

Hospital Wares



19-123 - 131

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

19-141 - 142

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



19-132 - 139

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



19-140
205 x 105 x 35 mm

Round Metal Boxes and Medicine Cups



19-143 - 148

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



19-149
25 cc

19-150
50 cc



19-151
20 cc
Medicine Spoon



19-152
Ø 75 x 12 mm
Tablet Tray



19-153
Ø 90 x 90 mm
Metal Cup



19-154
Ø 75 x 80 mm
Sputum Cup



Kidney Dish



19-155 - 157

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

Hospital Wares



19-158 - 165

	∅ 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
∅ 110 x 28 mm 0.15L



19-172
100 cc 0.1L



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



19-177
235 x 190 x 40 mm



19-178
∅ 220 x 70 mm

Hospital Wares



19-179
 ∅ 50 x 100 mm
 Powder Pot



19-180
 ∅ 50 x 75 mm
 Methot With Lid



19-181
 ∅ 50 x 75 mm
 Methot Without Lid



19-182



19-183



19-184



19-185 - 186

19-185 ∅ 235 mm
19-186 ∅ 310 mm

Needle Cases



19-187
Sauerbruch
210 x 125 x 17 mm



19-188
Sauerbruch
210 x 125 x 17 mm



19-189
150 x 95 x 13 mm



19-190
150 x 95 x 13 mm



19-191
150 x 95 x 13 mm



19-192
150 x 95 x 13 mm



19-193
150 x 95 x 13 mm



19-194
150 x 95 x 13 mm



19-195
150 x 95 x 11 mm

Storing Cases



19-199 - 209

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



19-196
Deponette
245 x 135 x 35mm

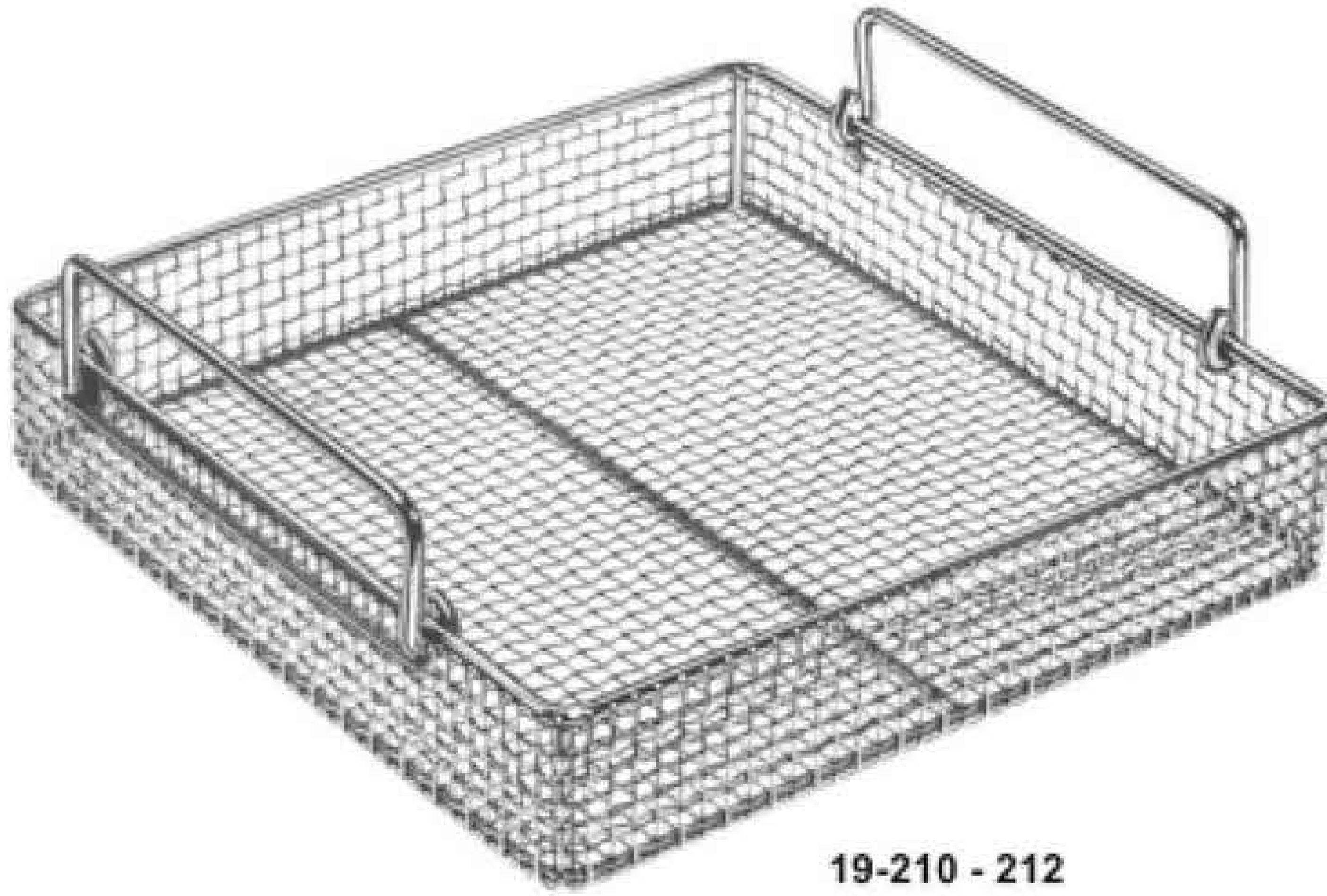


19-197
Deponette
245 x 135 x 50mm



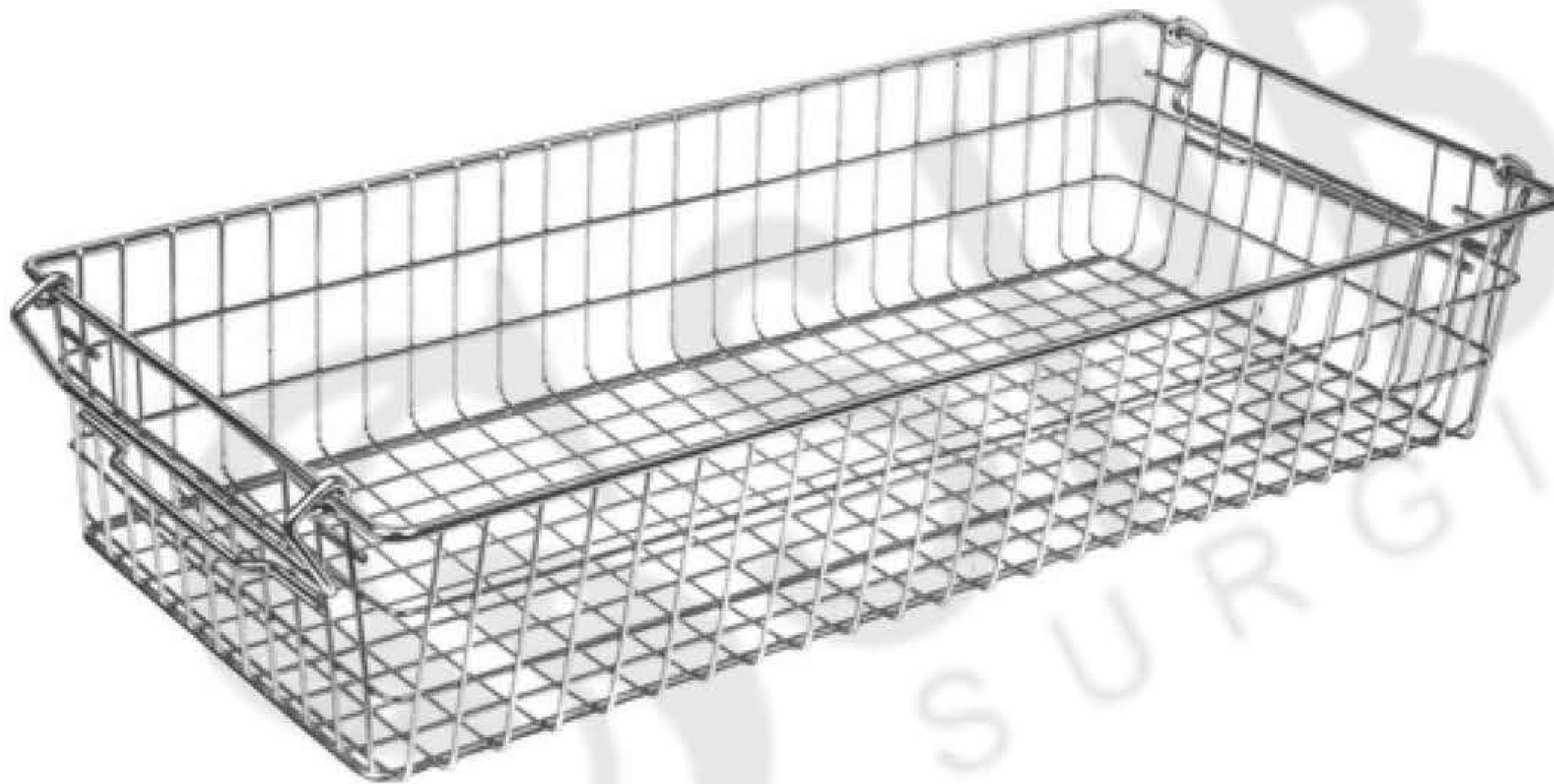
19-198
Deponette
245 x 135 x 60mm

Sterilizing Baskets / Trays



19-210 - 212

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



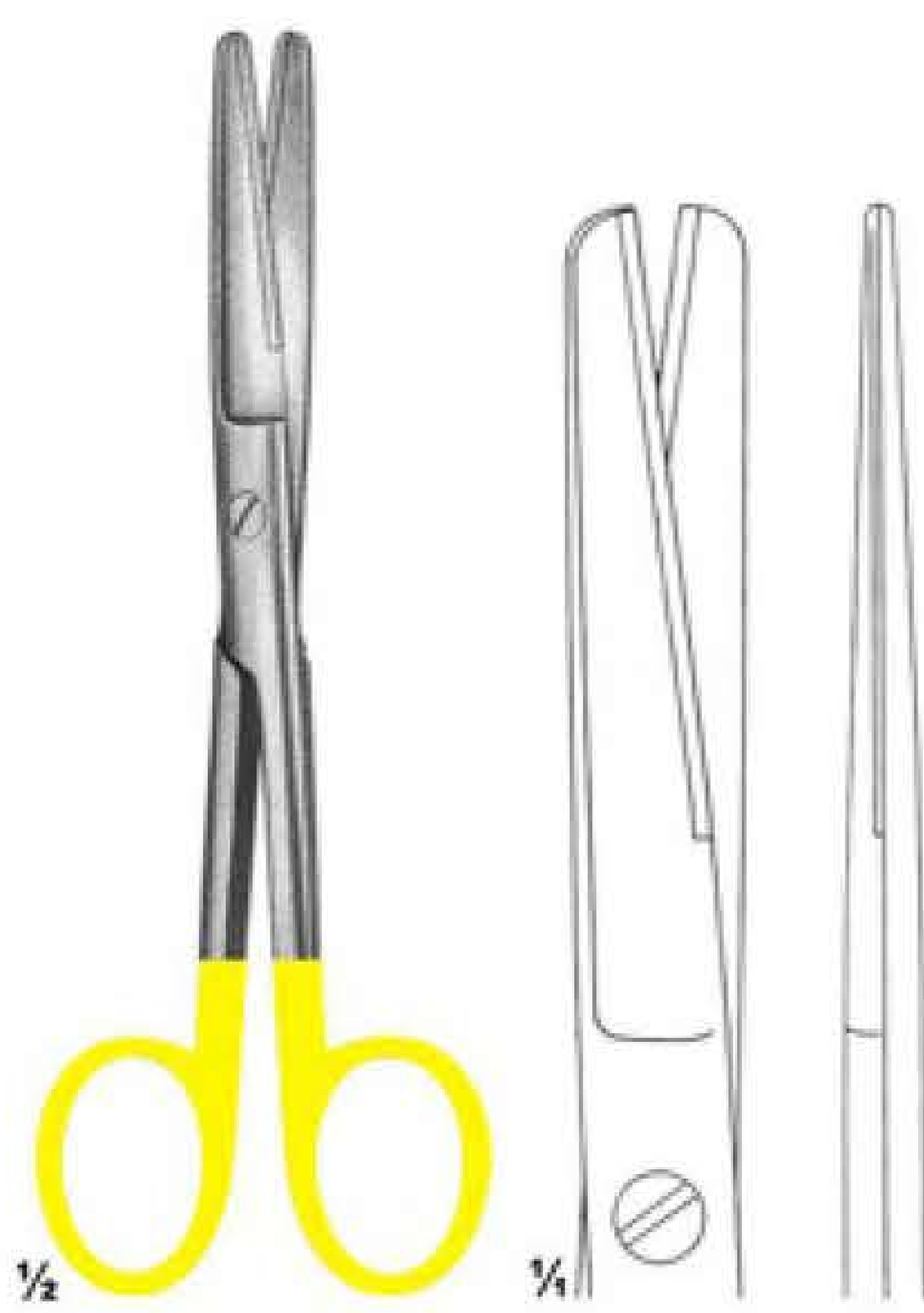
19-219
(60 x 30 x 15 cm)
Nominal dimensions



19-213 - 218

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

Scissors with Tungsten Carbide Inserts



26-101
Standard

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



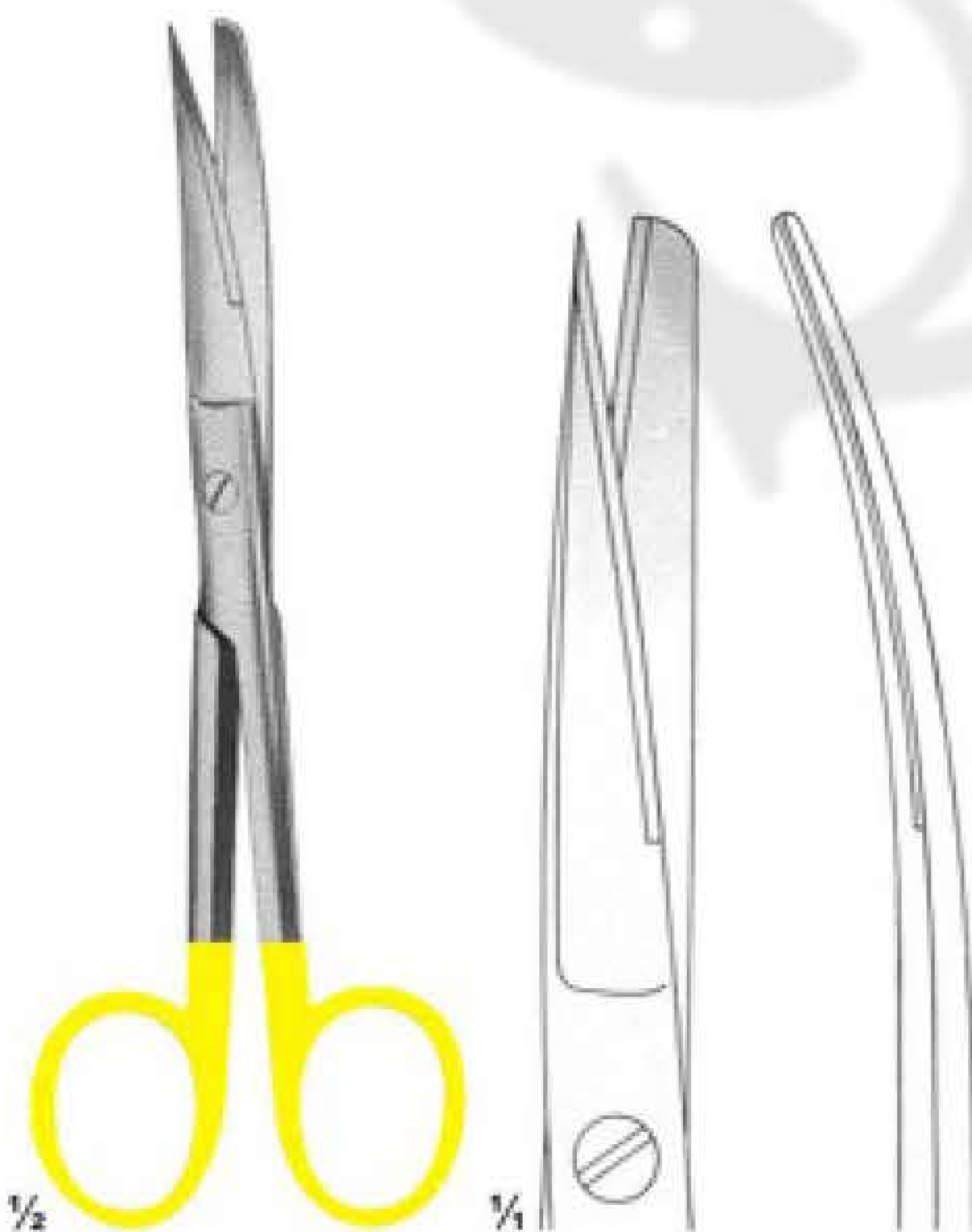
26-102
Standard

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



26-103
Standard

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



26-104
Standard

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



26-105
Standard

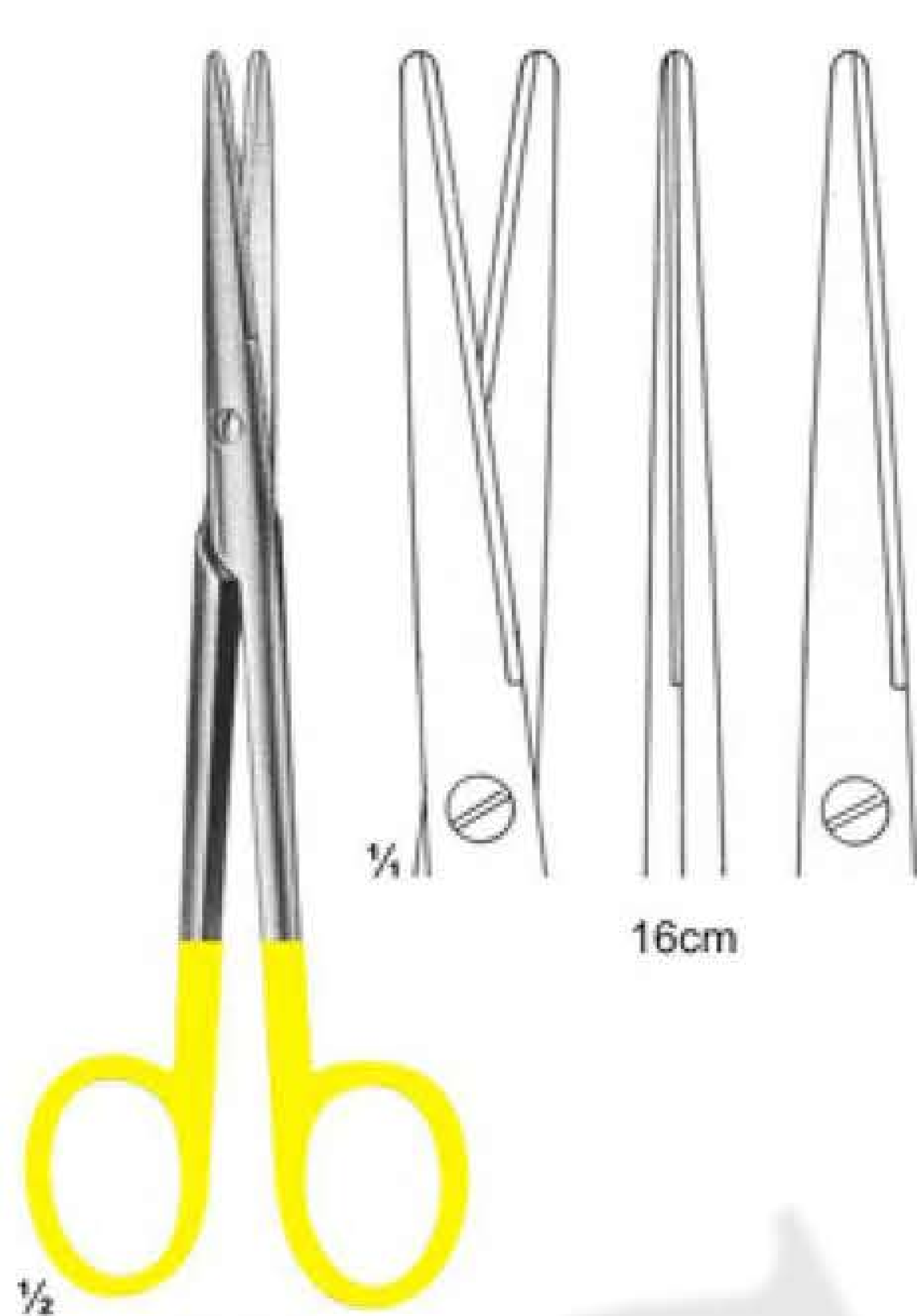
14,5cm
16,5cm
18,5cm



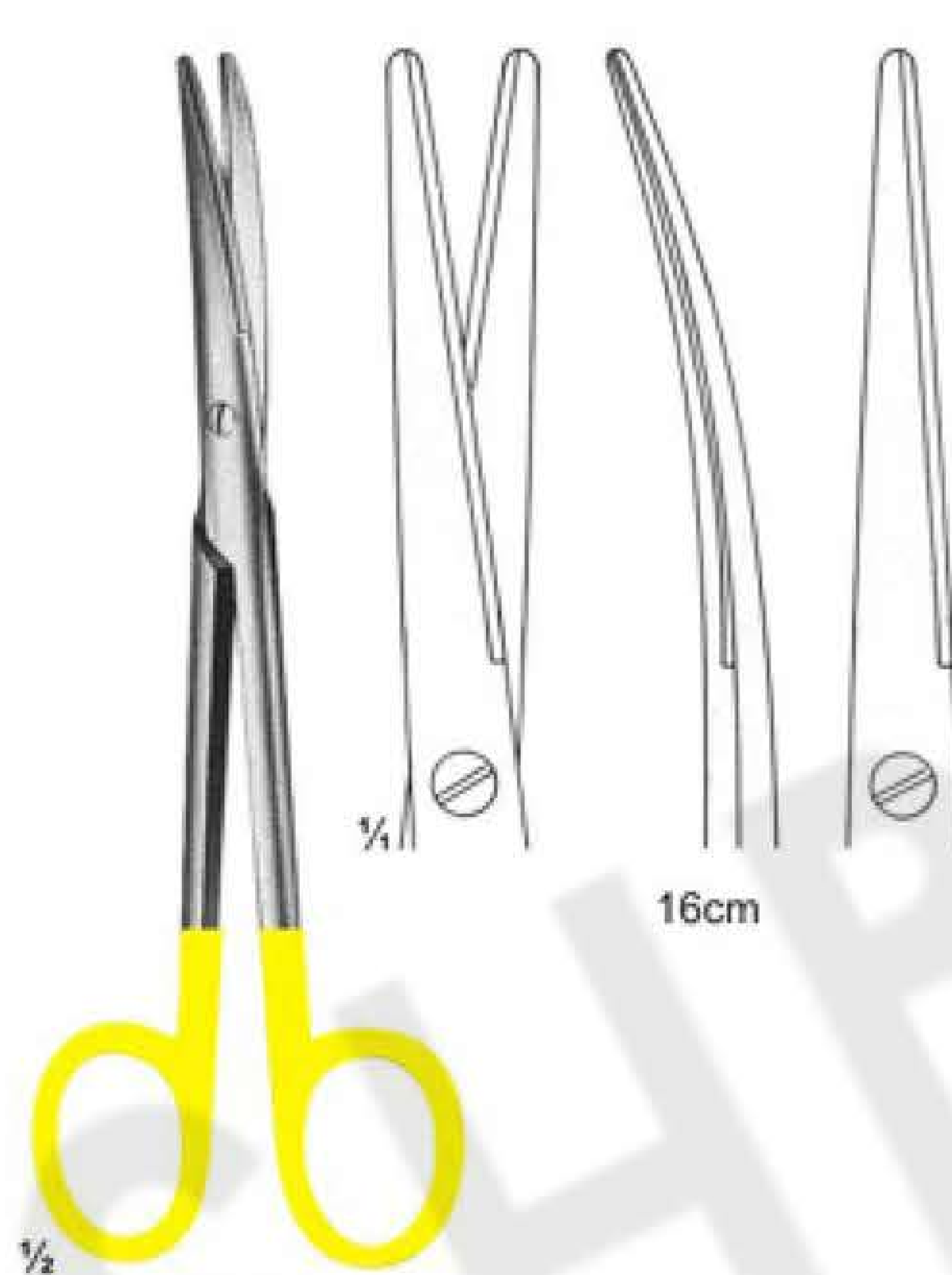
26-106
Standard

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

Scissors with Tungsten Carbide Inserts



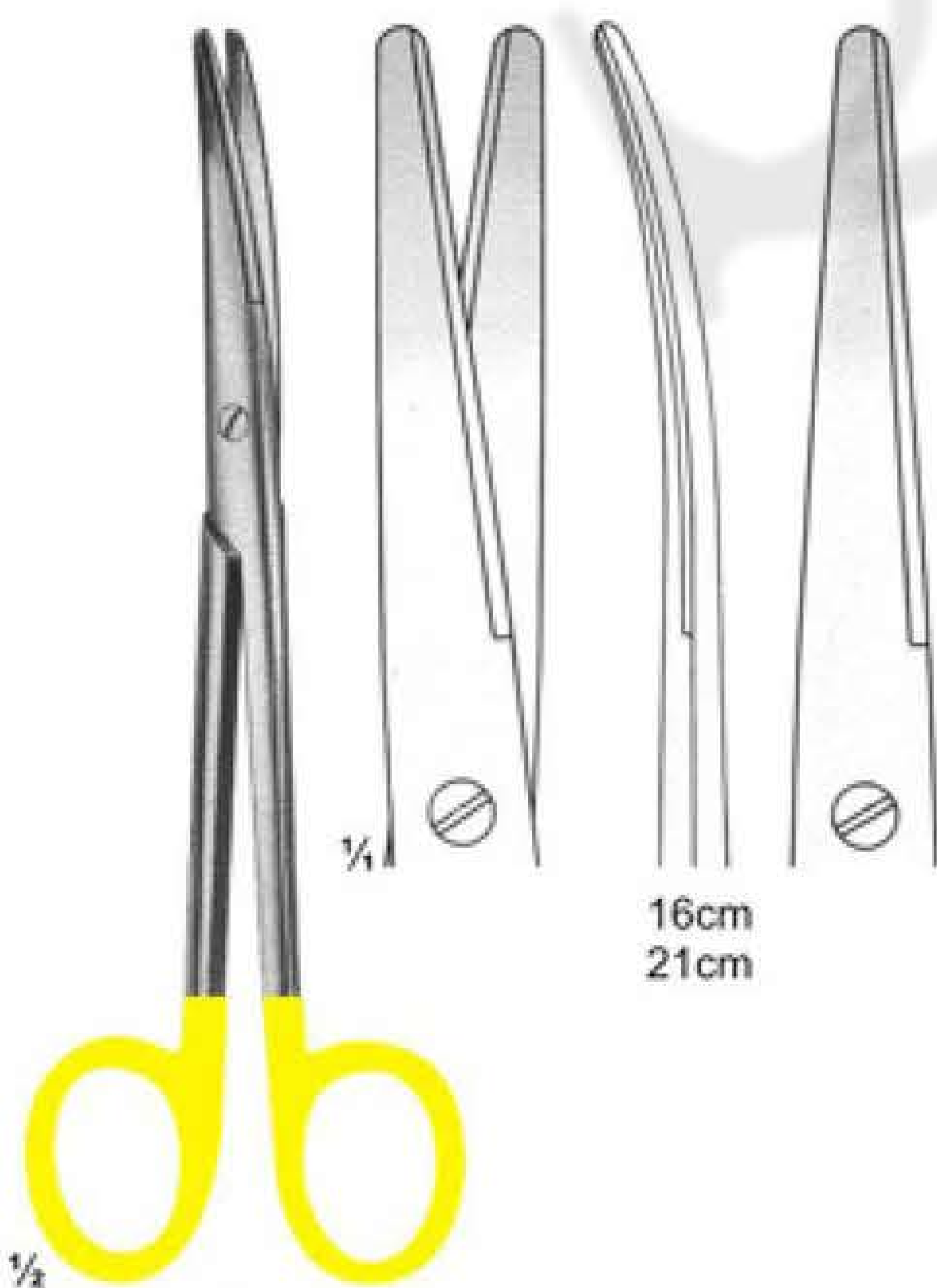
26-107
Mayo-Lexer



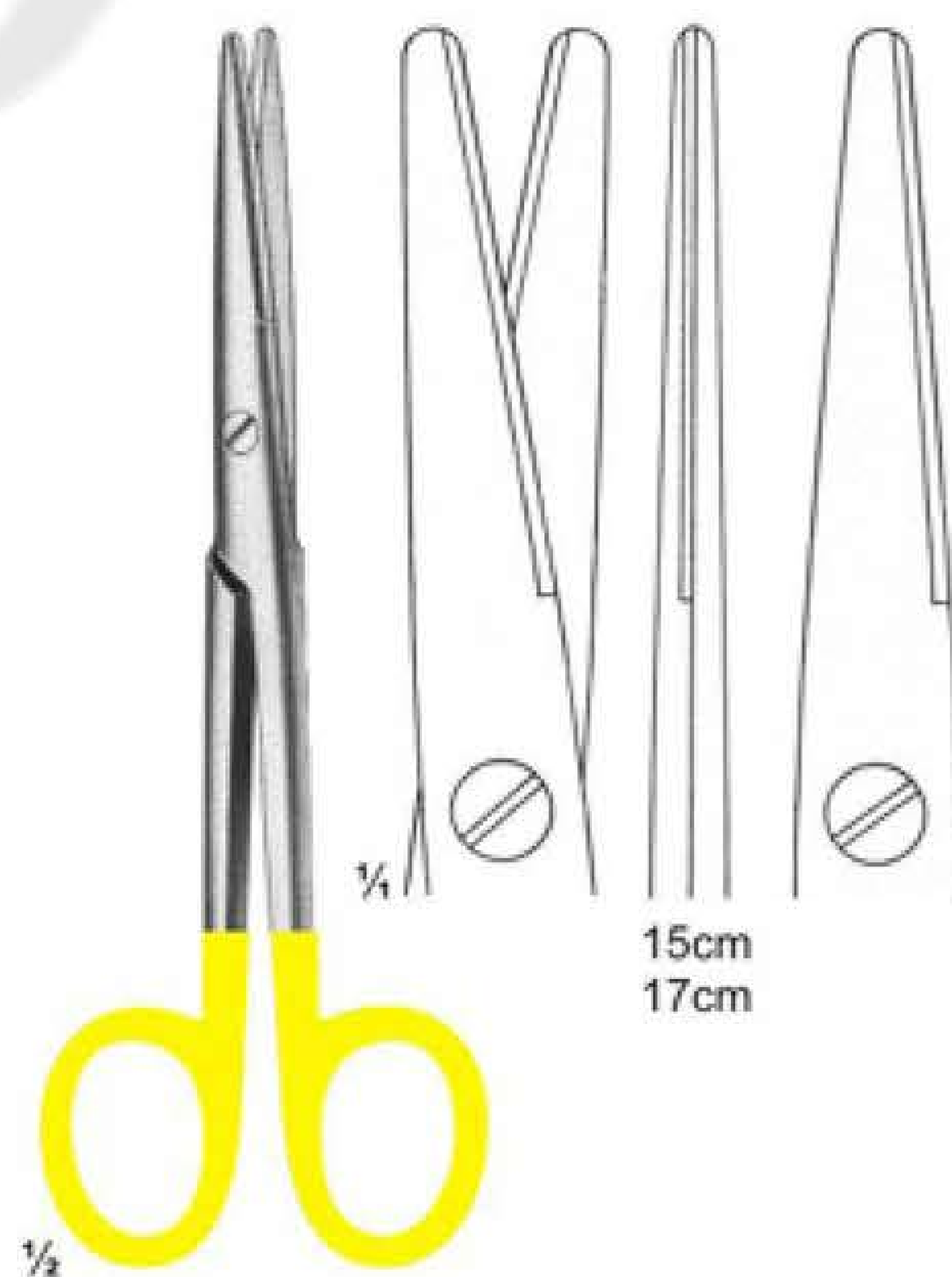
26-108
Mayo-Lexer



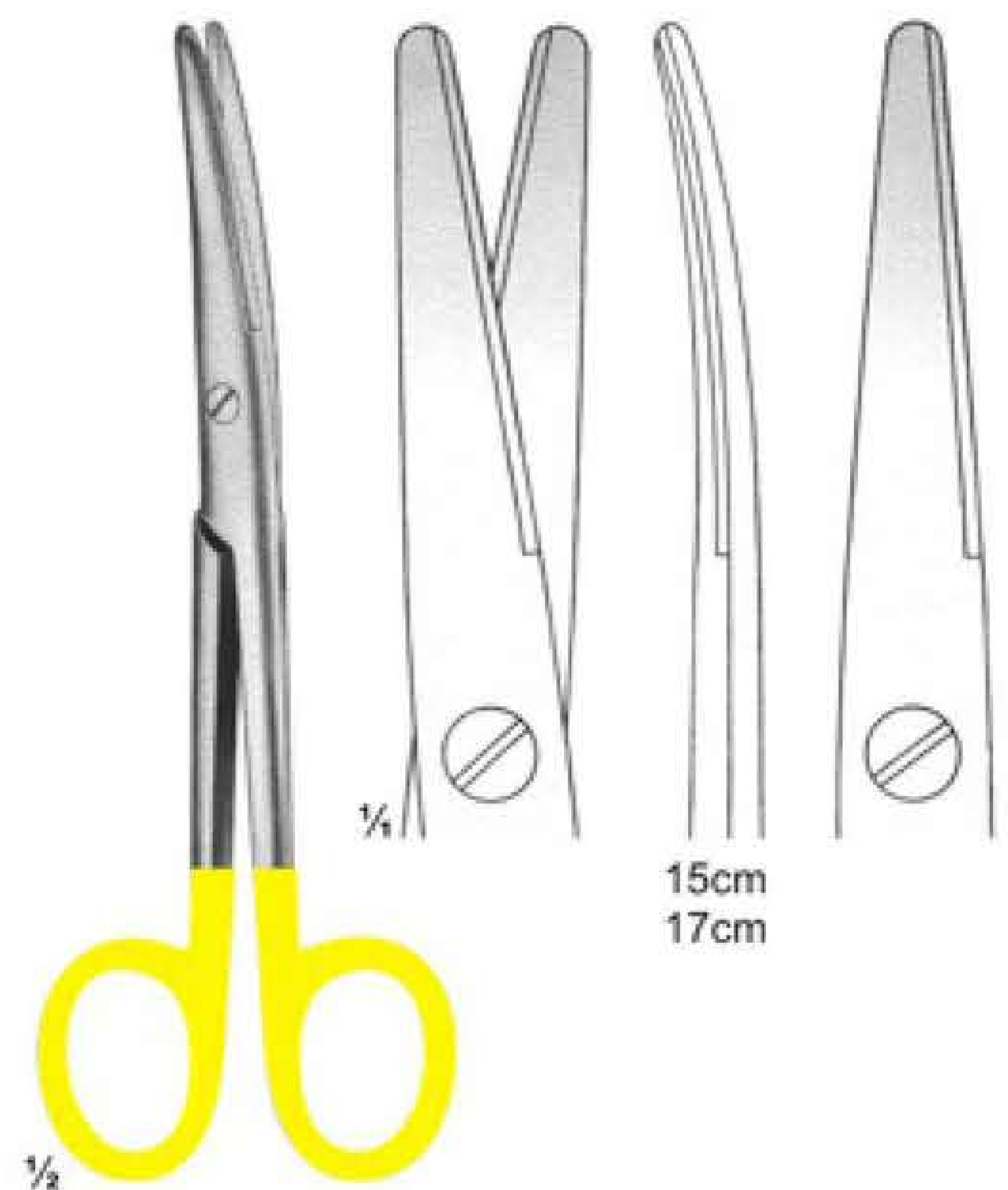
26-109
Lexer



26-110
Lexer



26-111
Mayo-Stille



26-112
Mayo-Stille

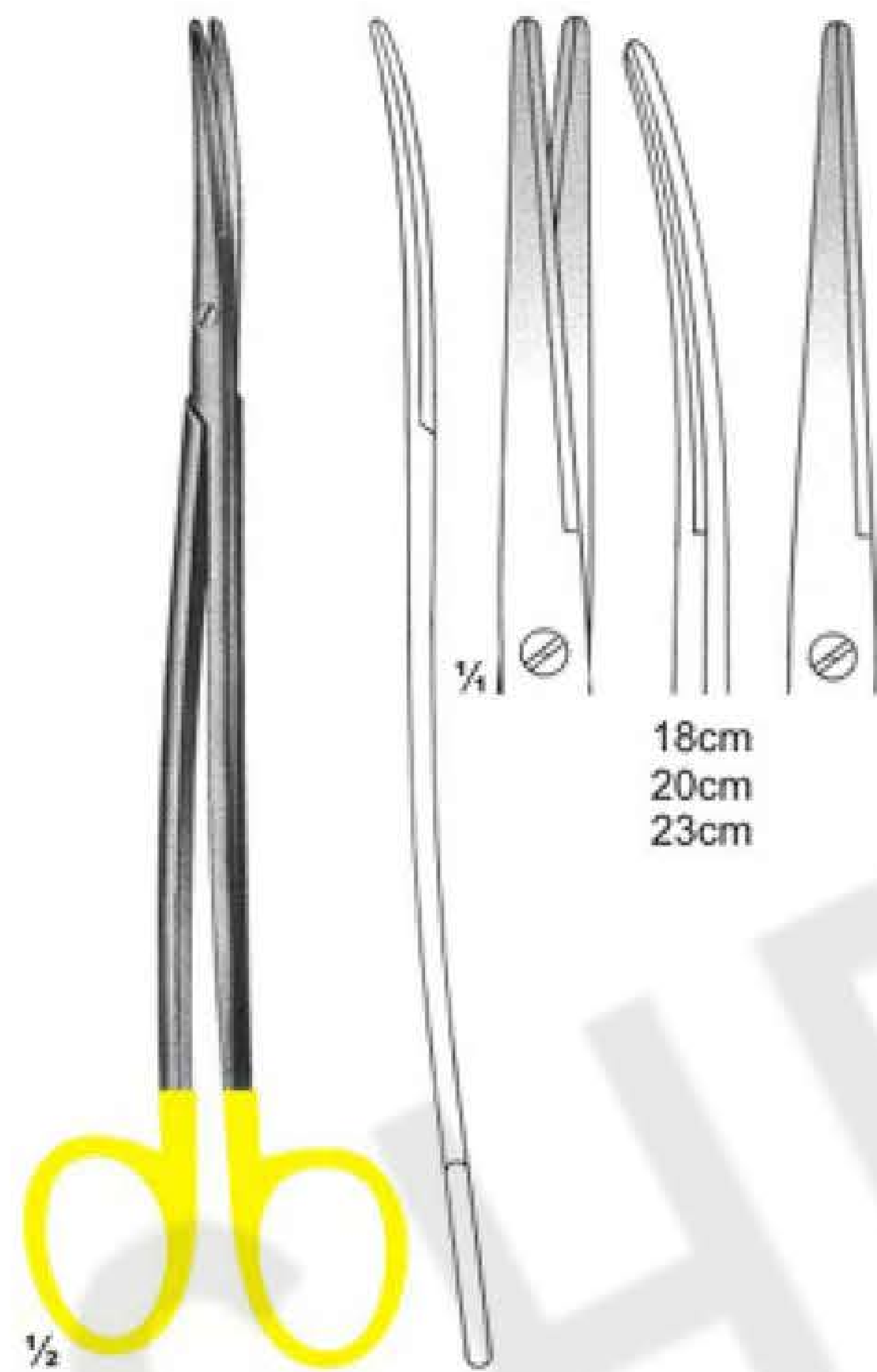
Scissors with Tungsten Carbide Inserts



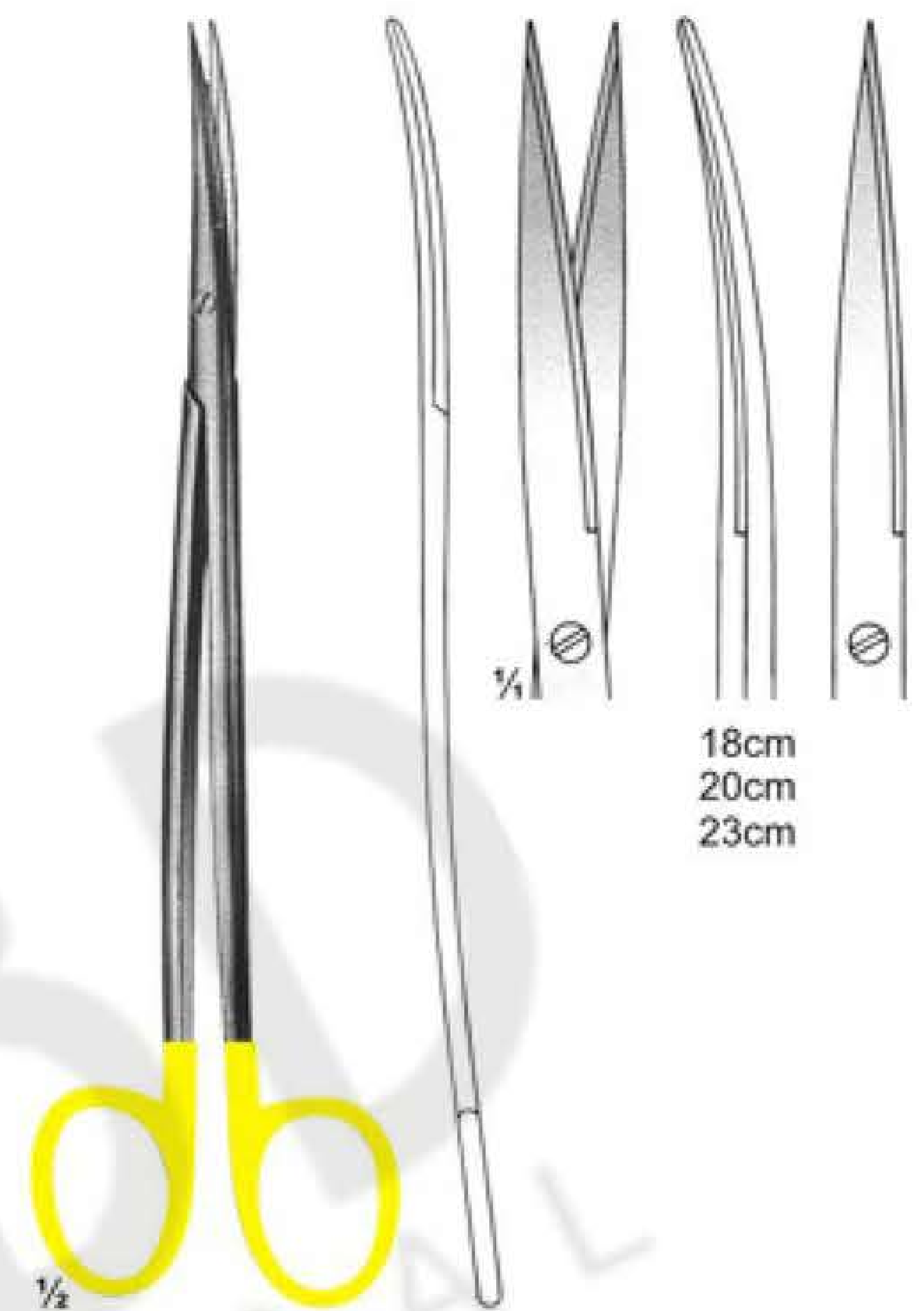
Scissors with Tungsten Carbide Inserts



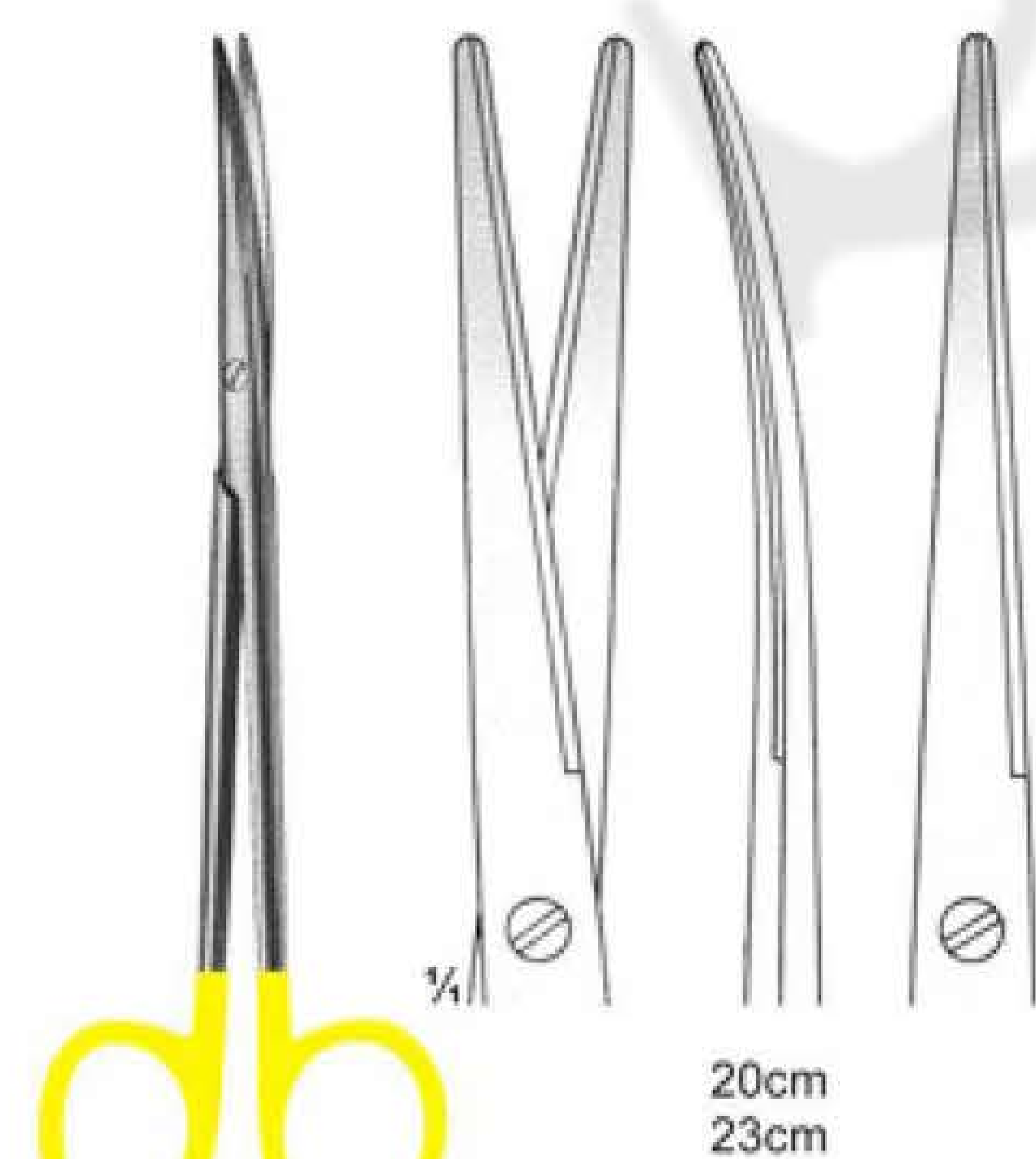
1/2
26-119
 Metzenbaum-Fino



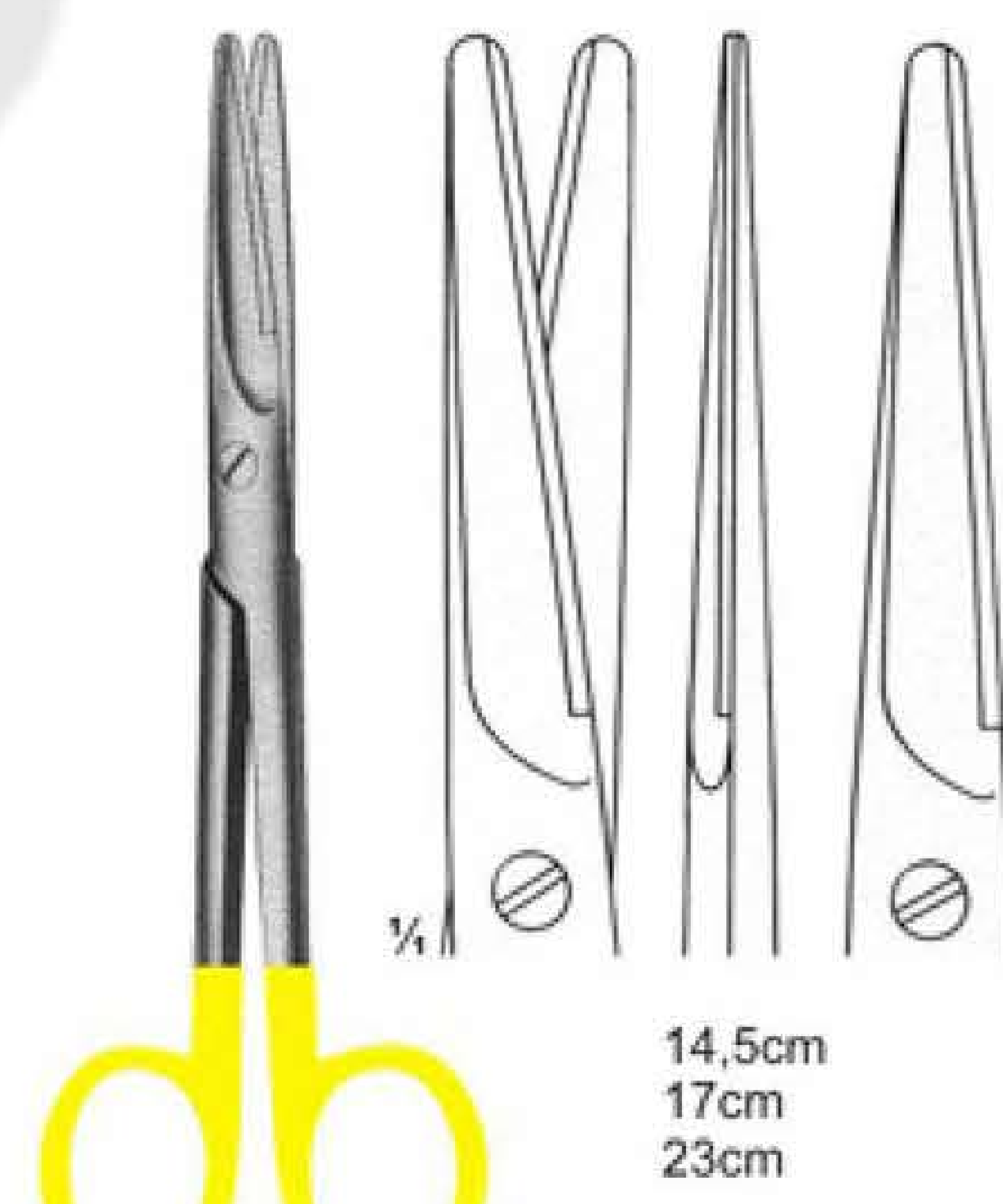
1/2
26-120
 Metzenbaum-Fino



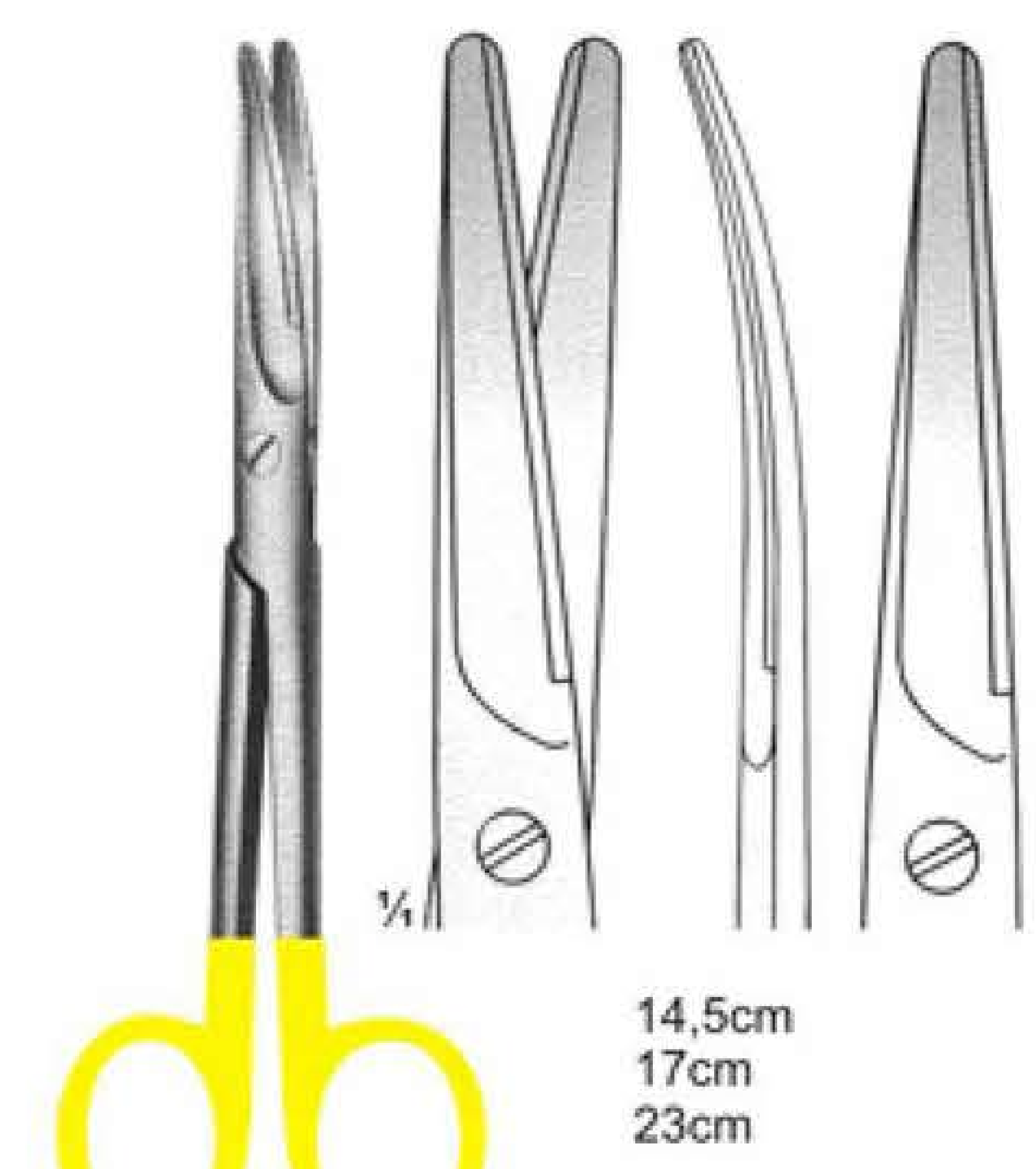
1/2
26-121
 Metzenbaum-Fino



1/2
26-122
 Metzenbaum



1/2
26-123
 Mayo

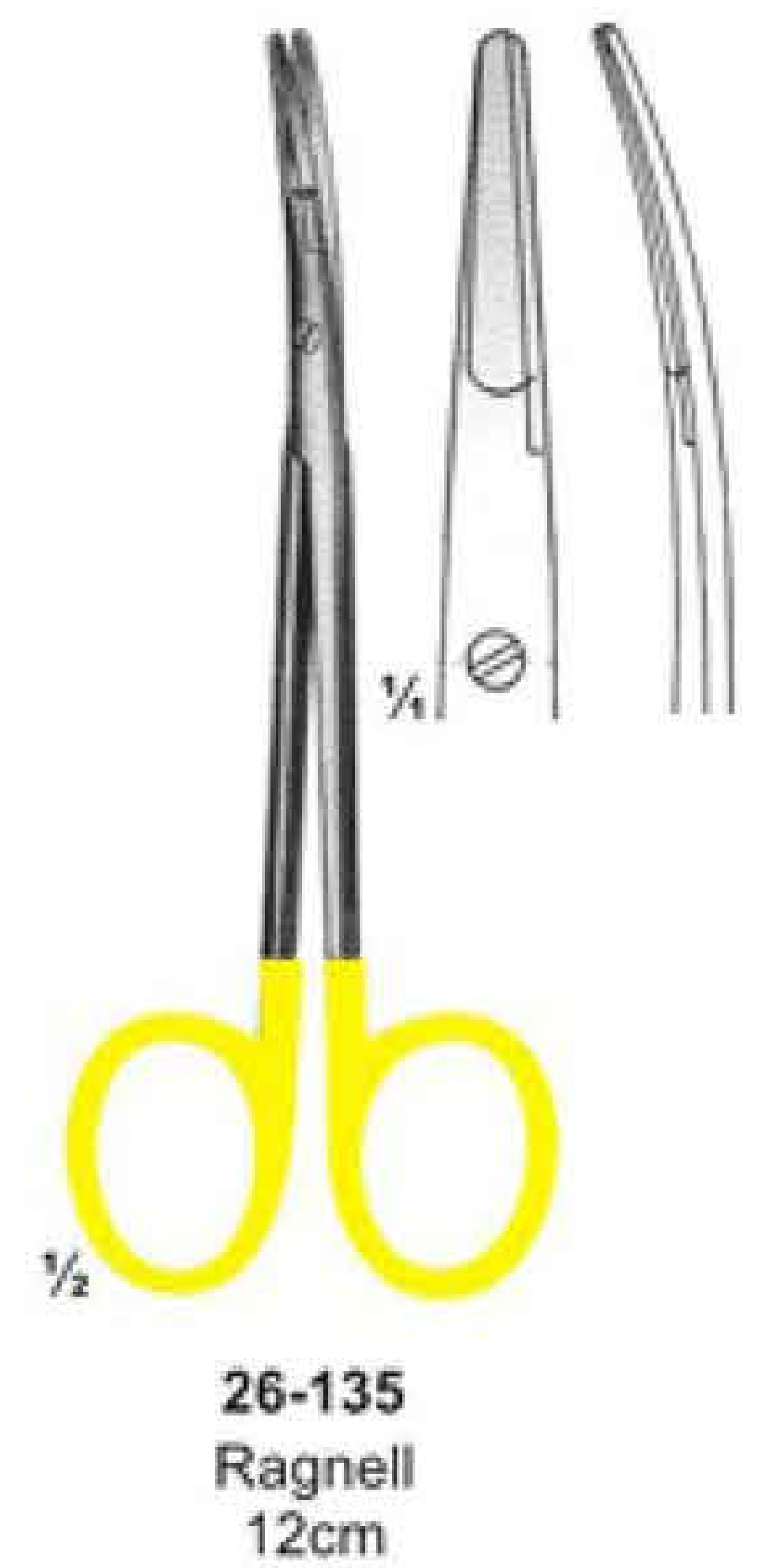
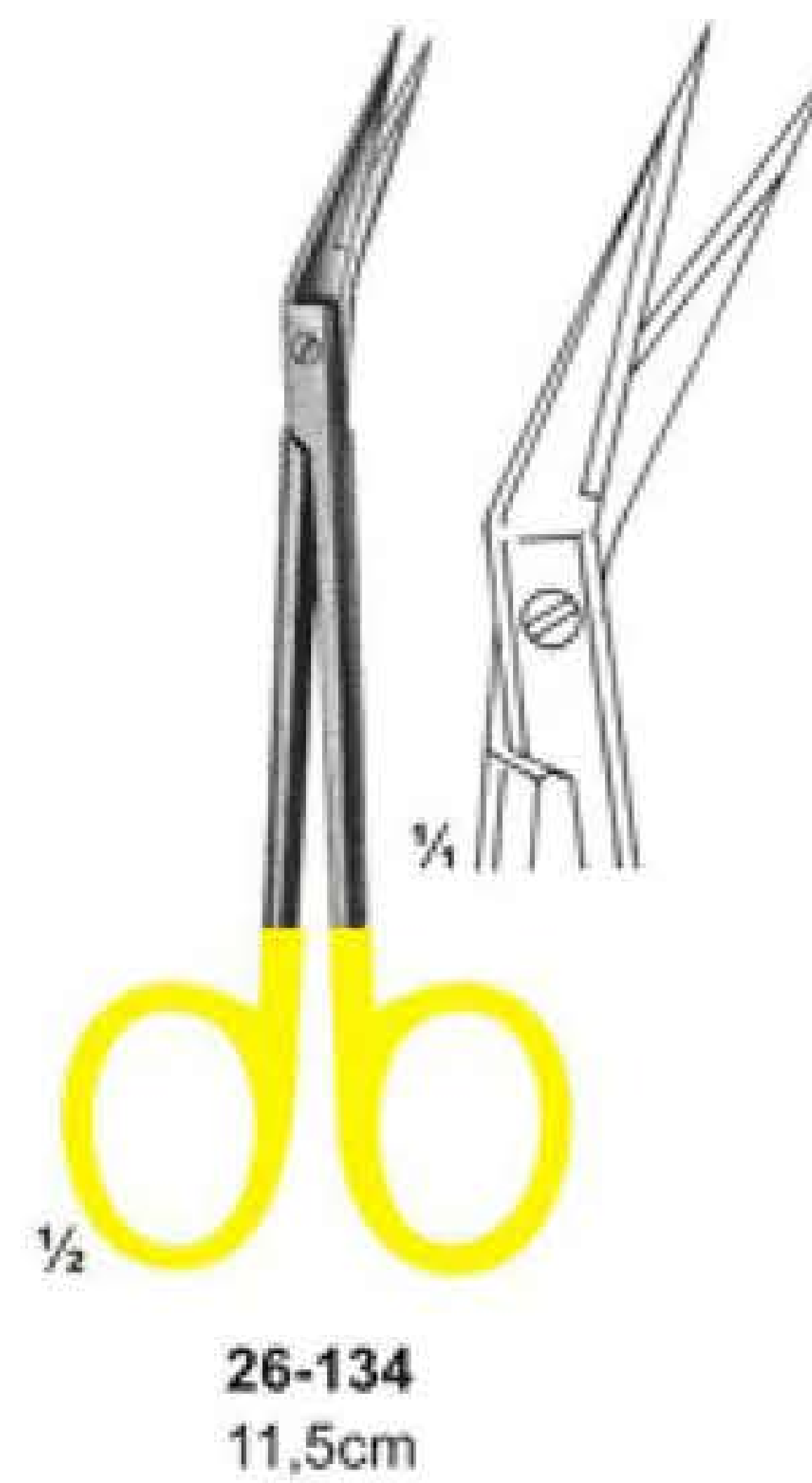
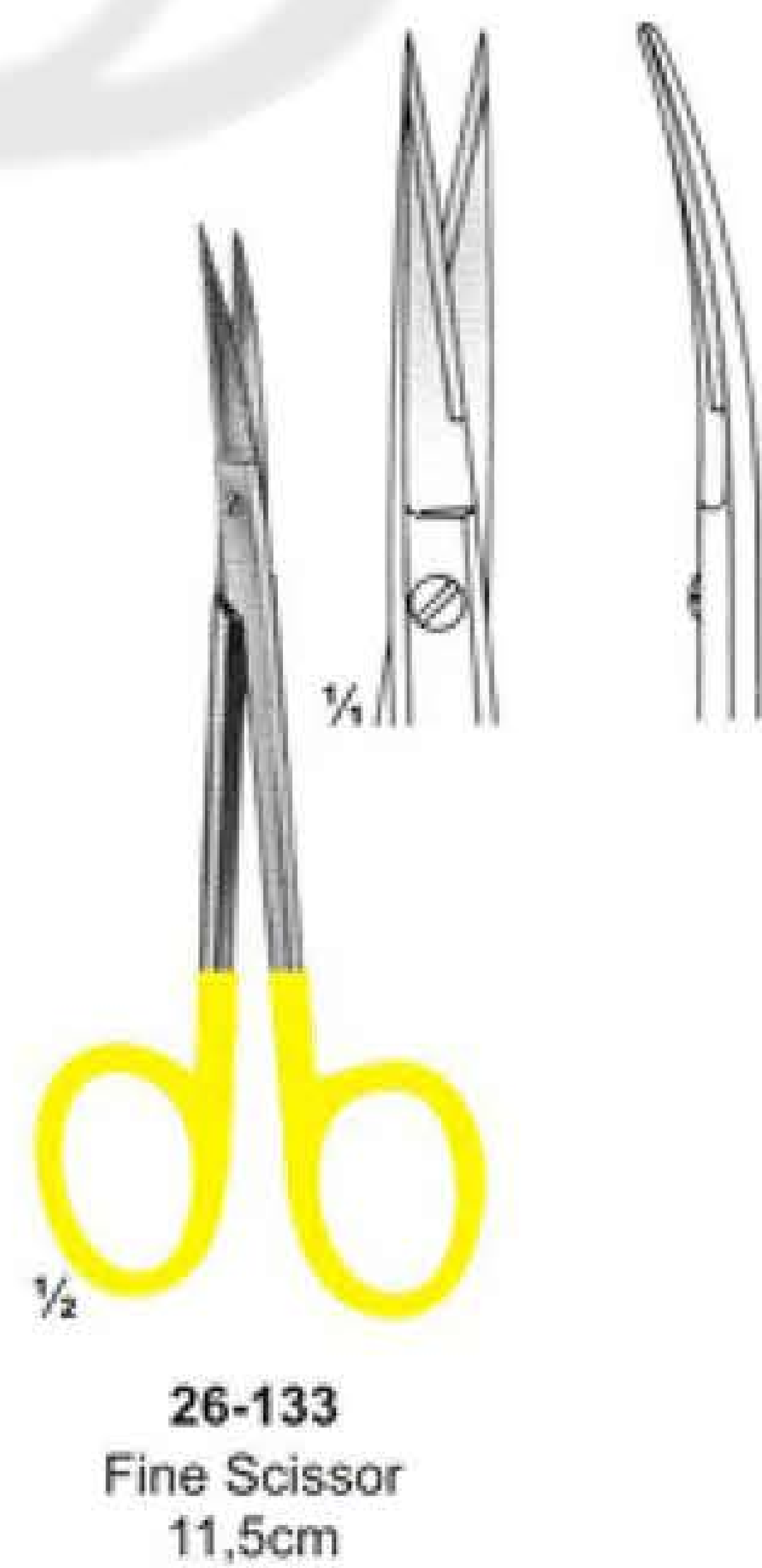
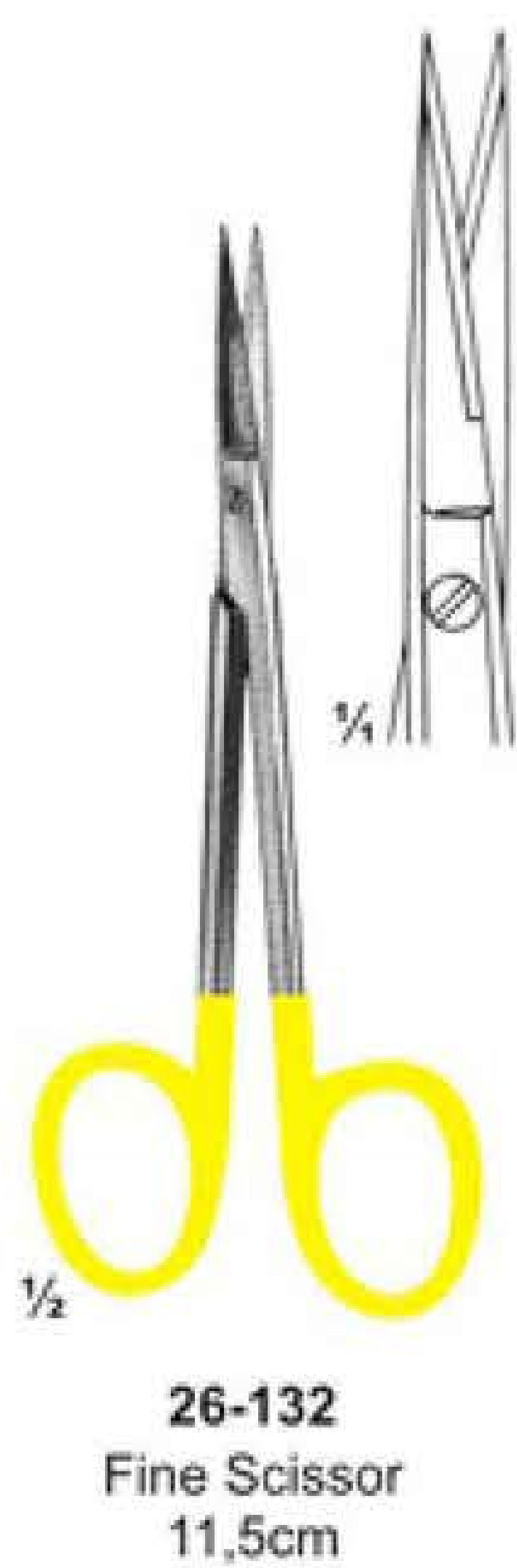
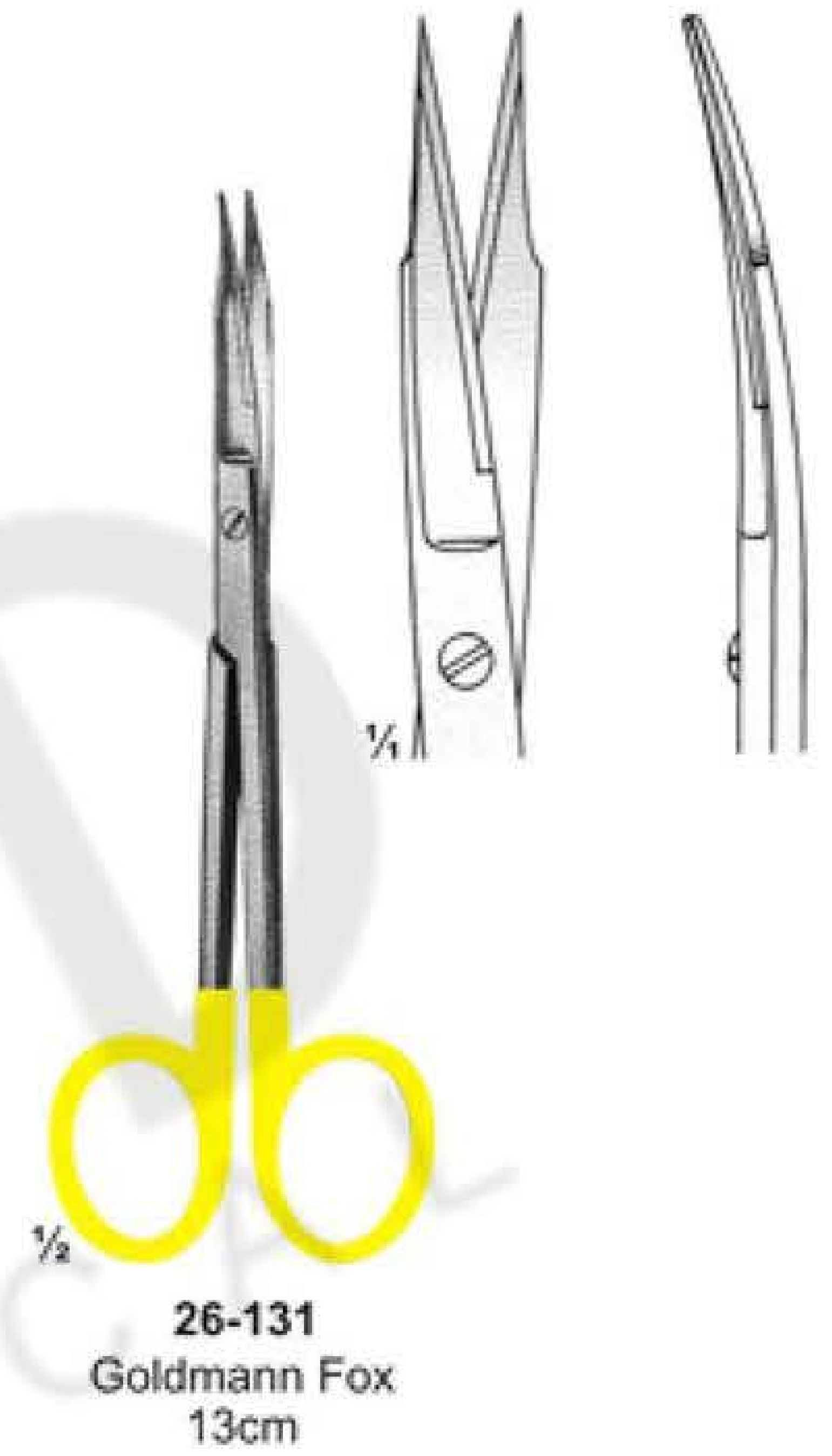
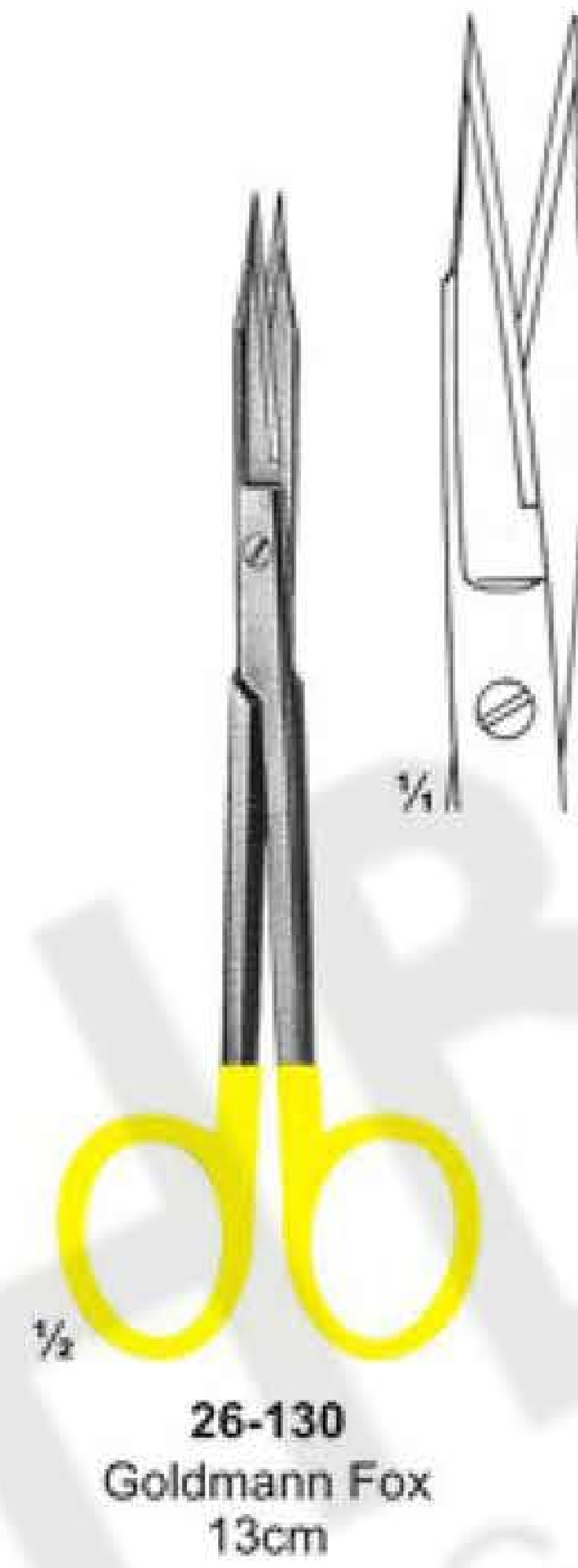
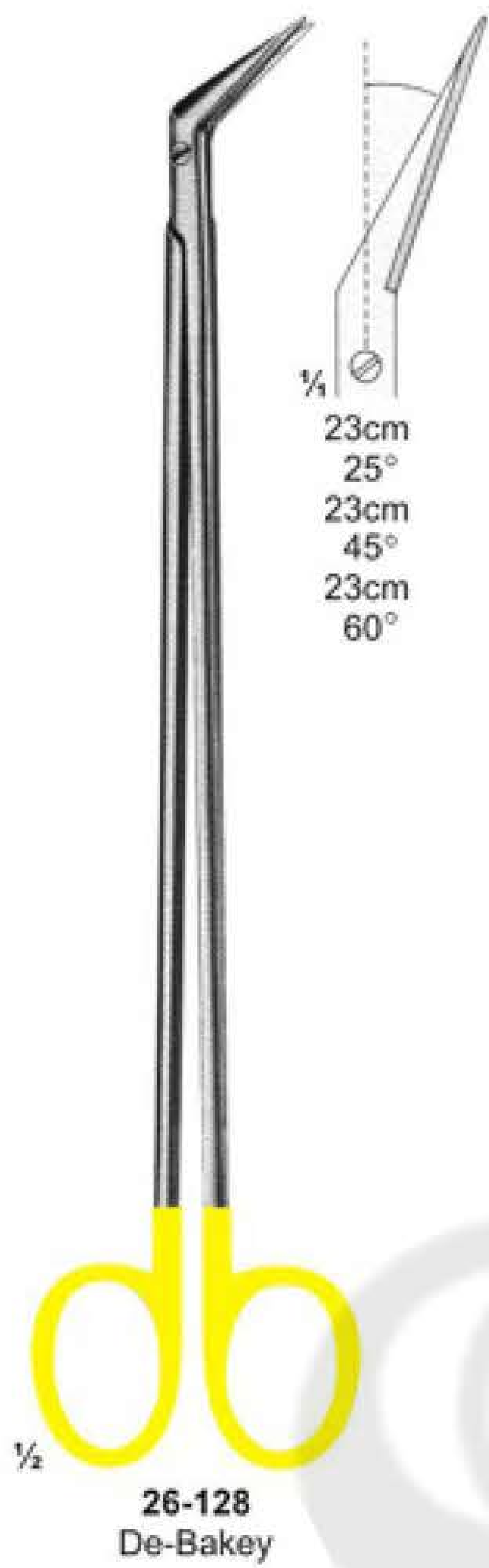


1/2
26-124
 Mayo

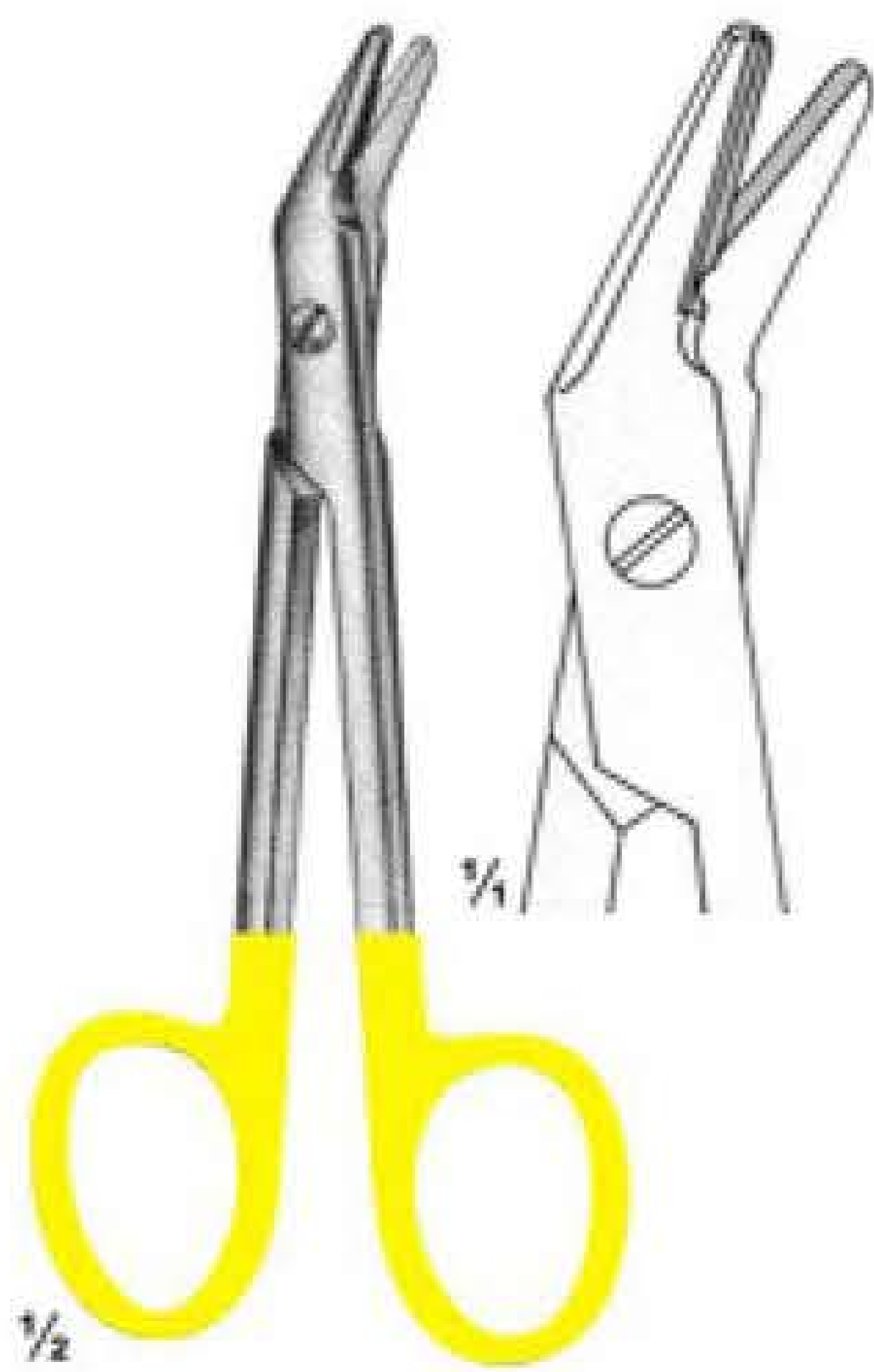
Scissors with Tungsten Carbide Inserts



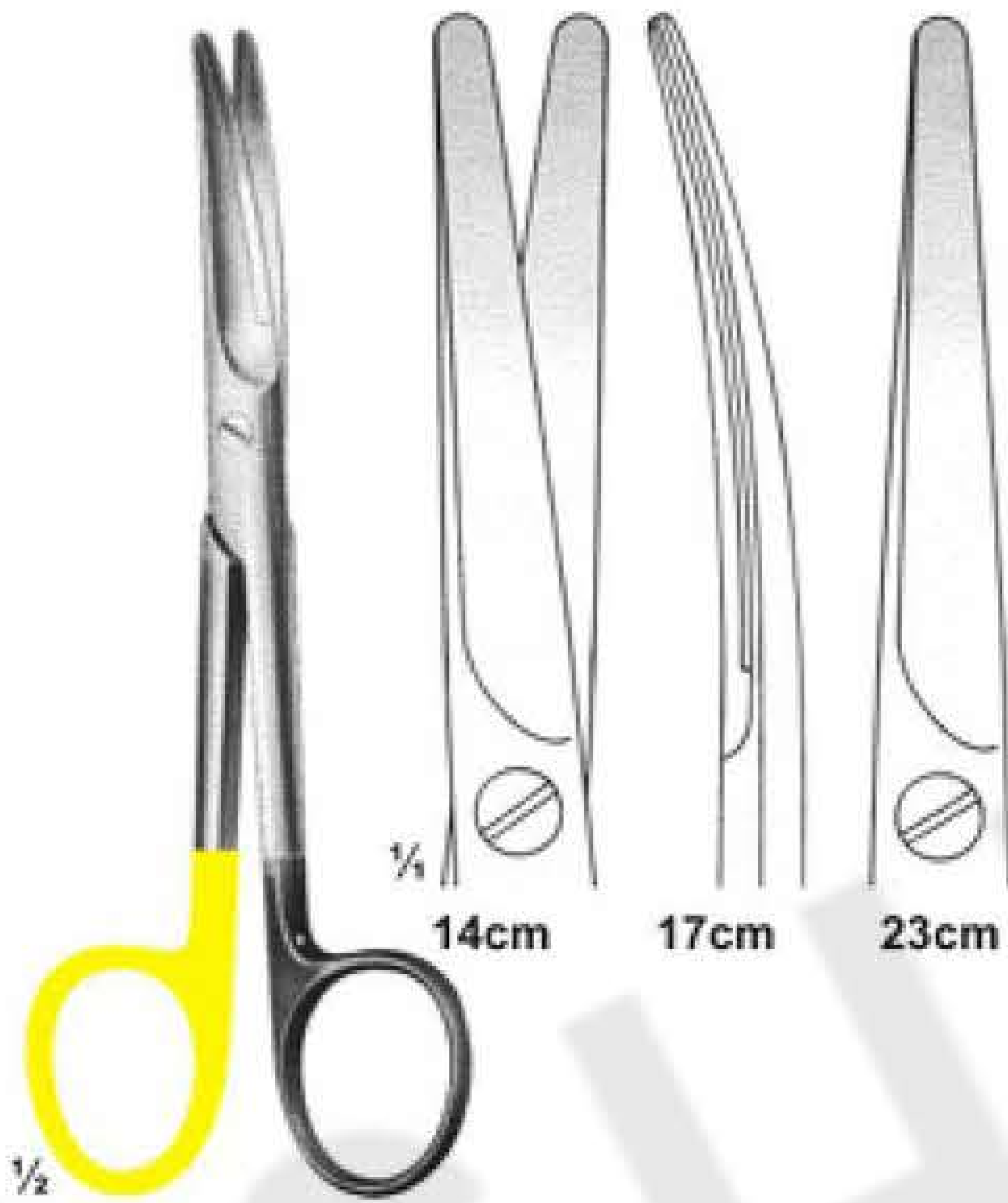
Scissors with Tungsten Carbide Inserts



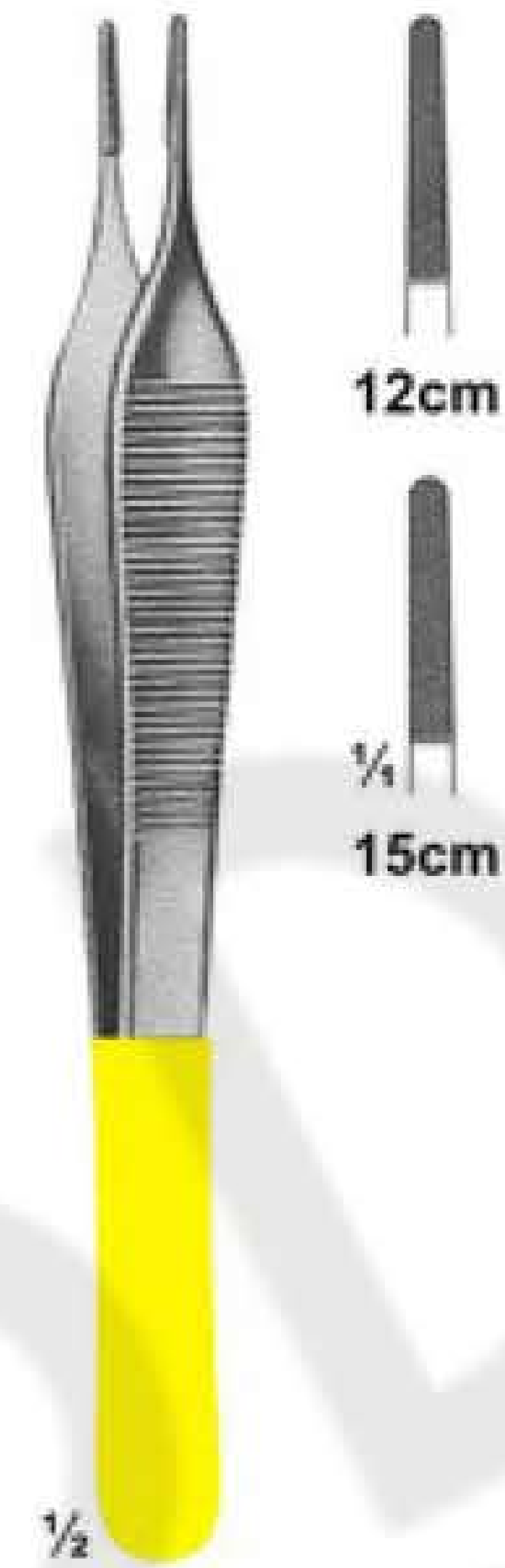
Scissors & Dissecting Forceps with Tungsten Carbide Inserts



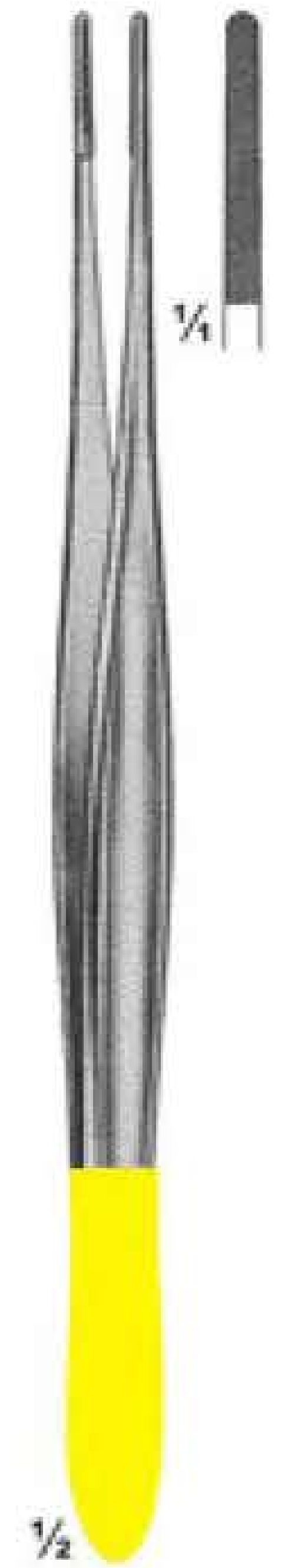
26-136
Universal
12cm



26-137
Ligature Scissors
1 Black & 1 Goldplated ring



26-138
Adson



26-139
Cushing
17,5cm



26-140
Cushing
18cm



26-141
Cushing-Taylor
18cm

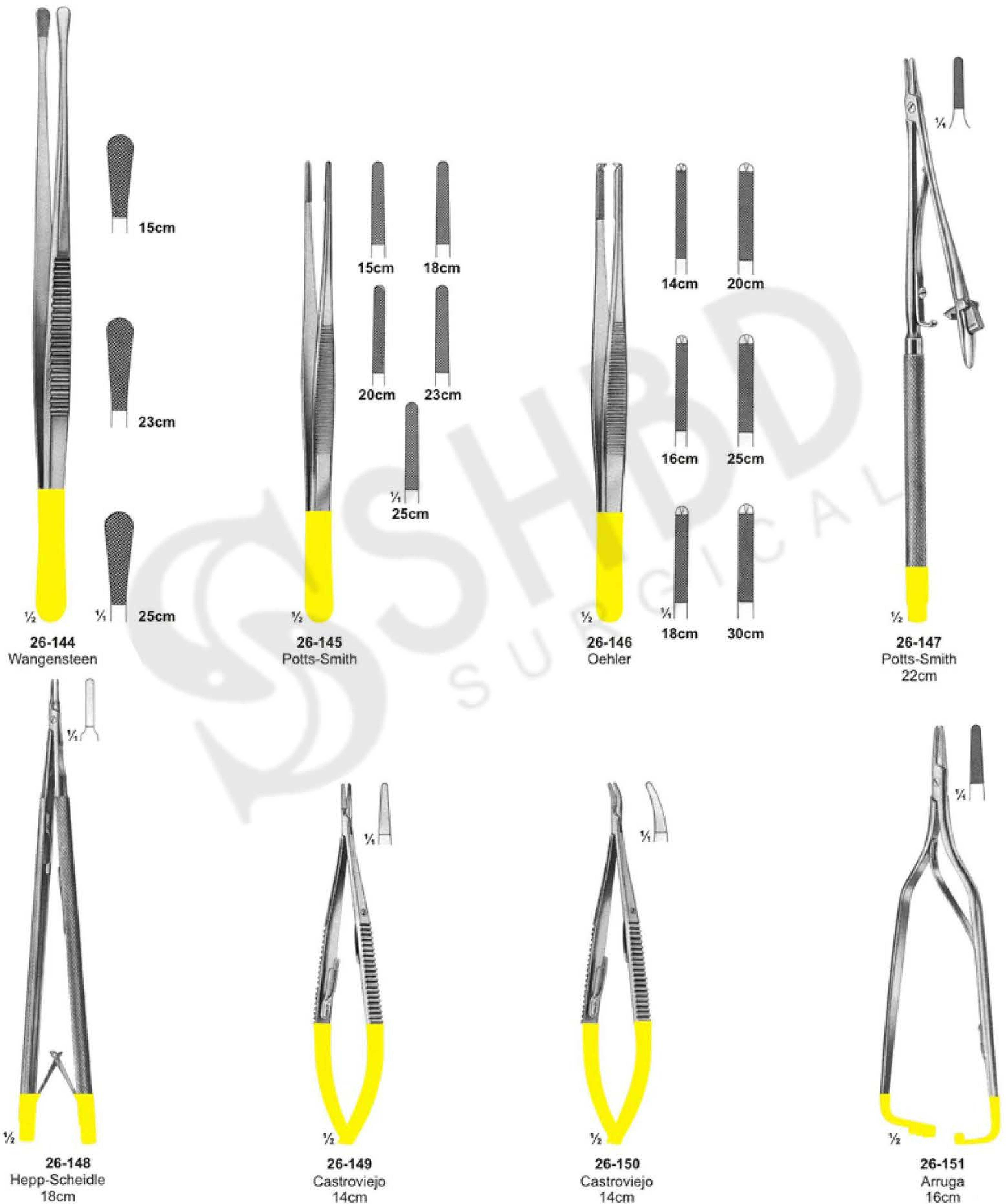


26-142
Dissecting Forceps
15cm

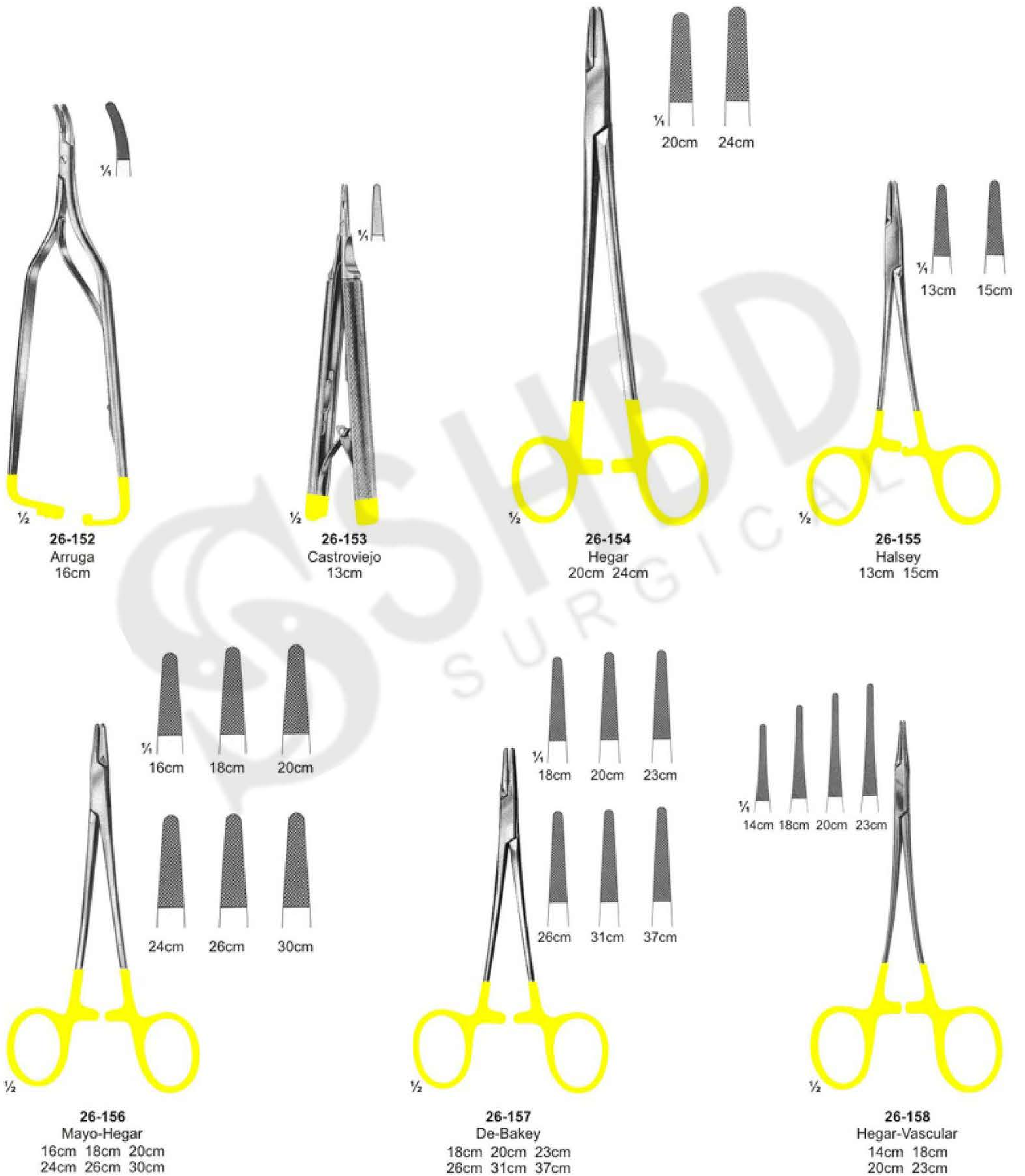


26-143
Semken
15cm

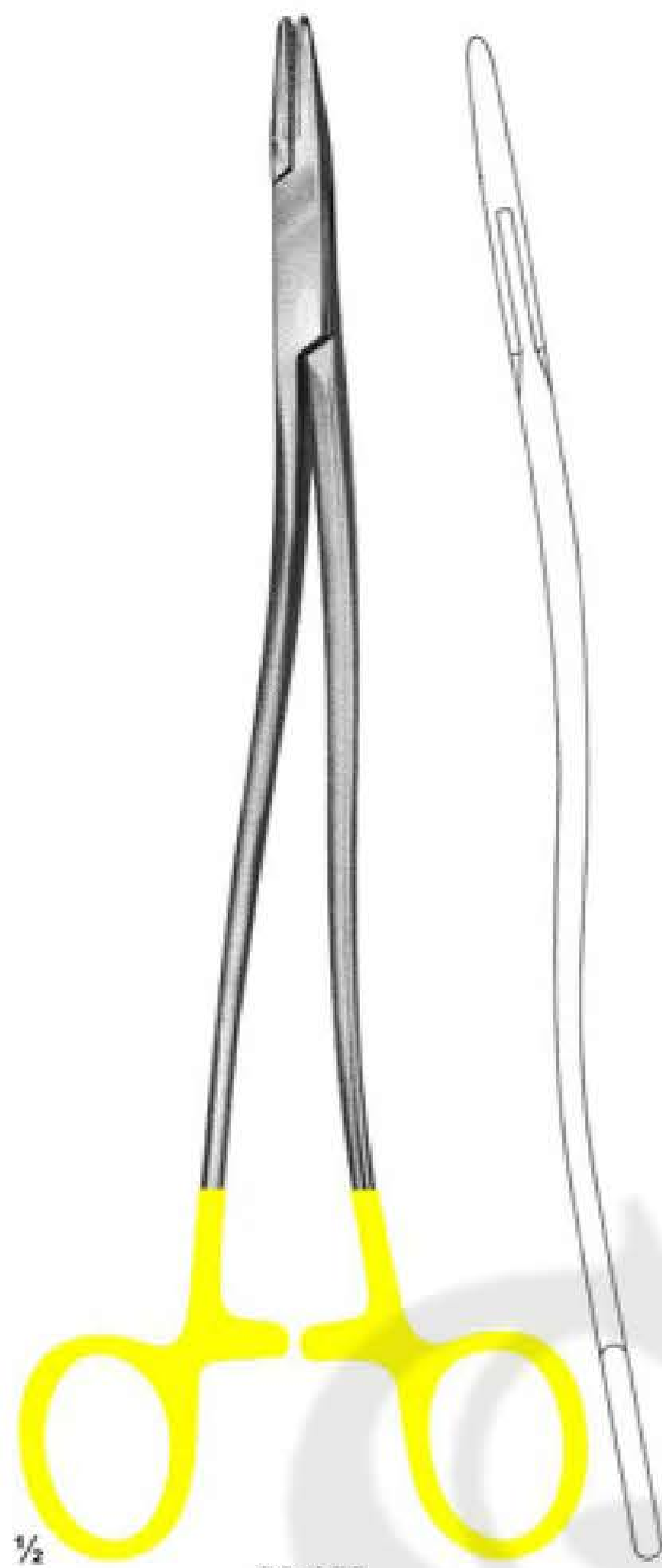
Dissecting Forceps and Needle holders with



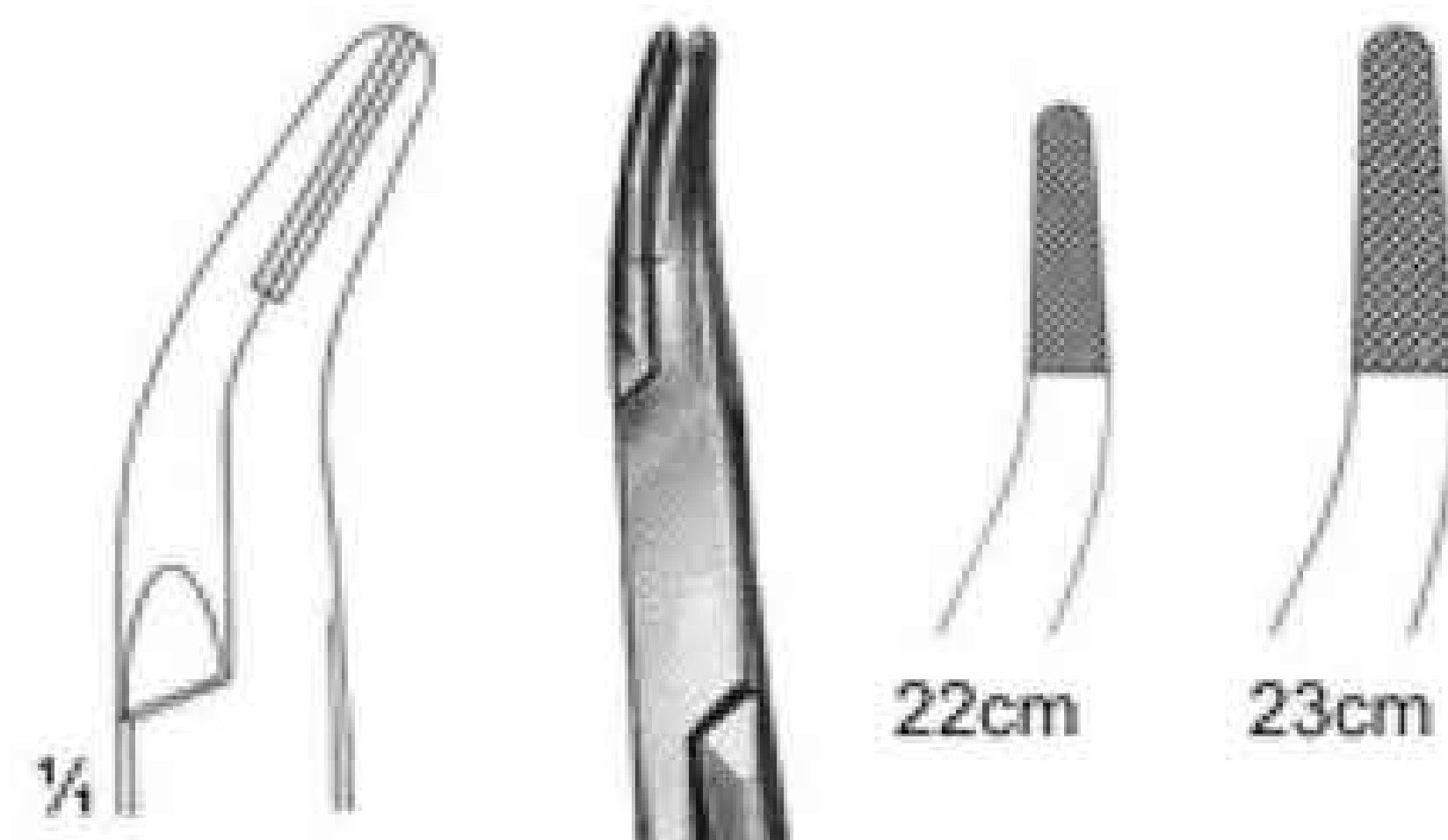
Needle holders with Tungsten Carbide Inserts



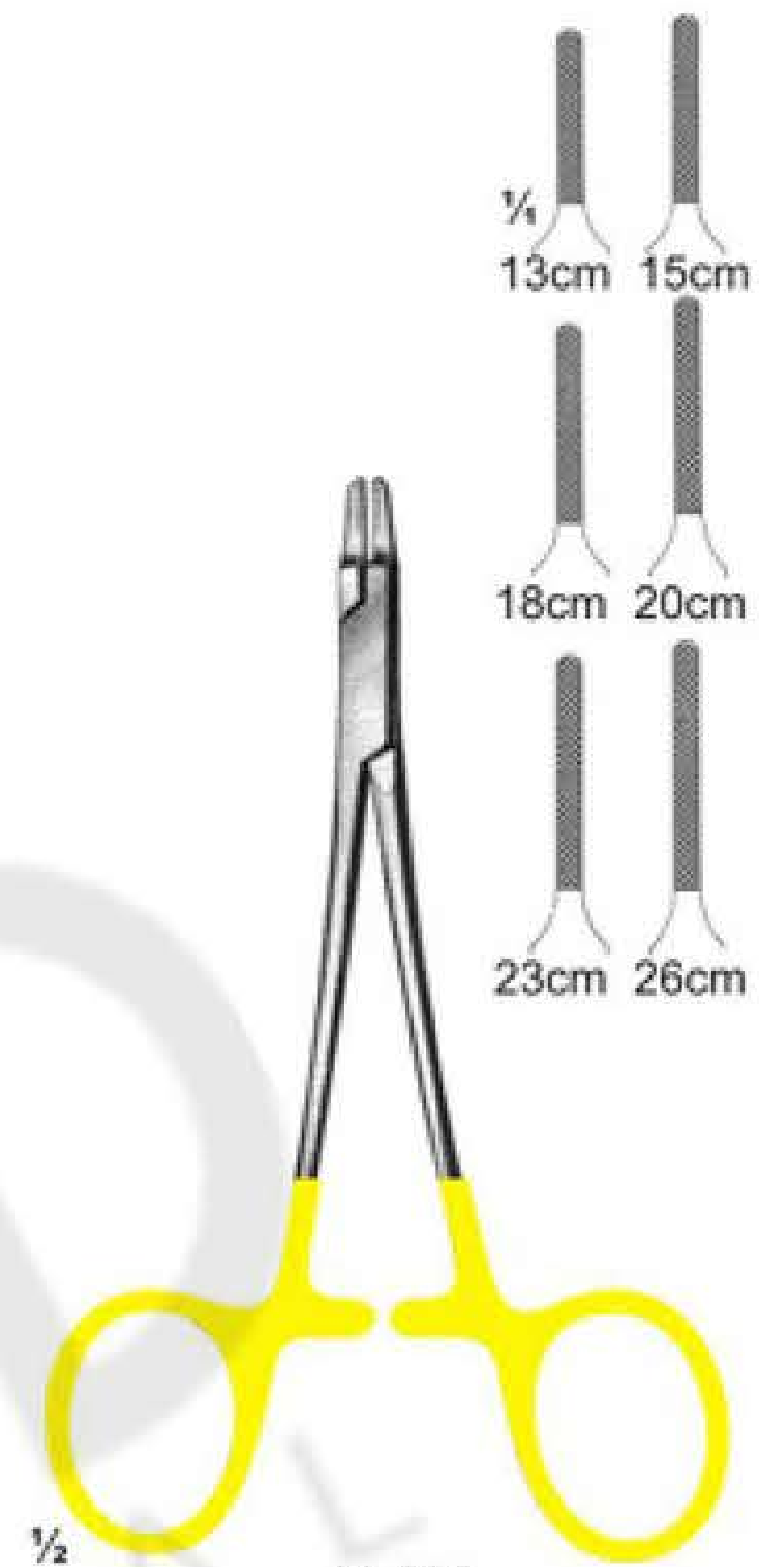
Needle holders with Tungsten Carbide Inserts



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



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



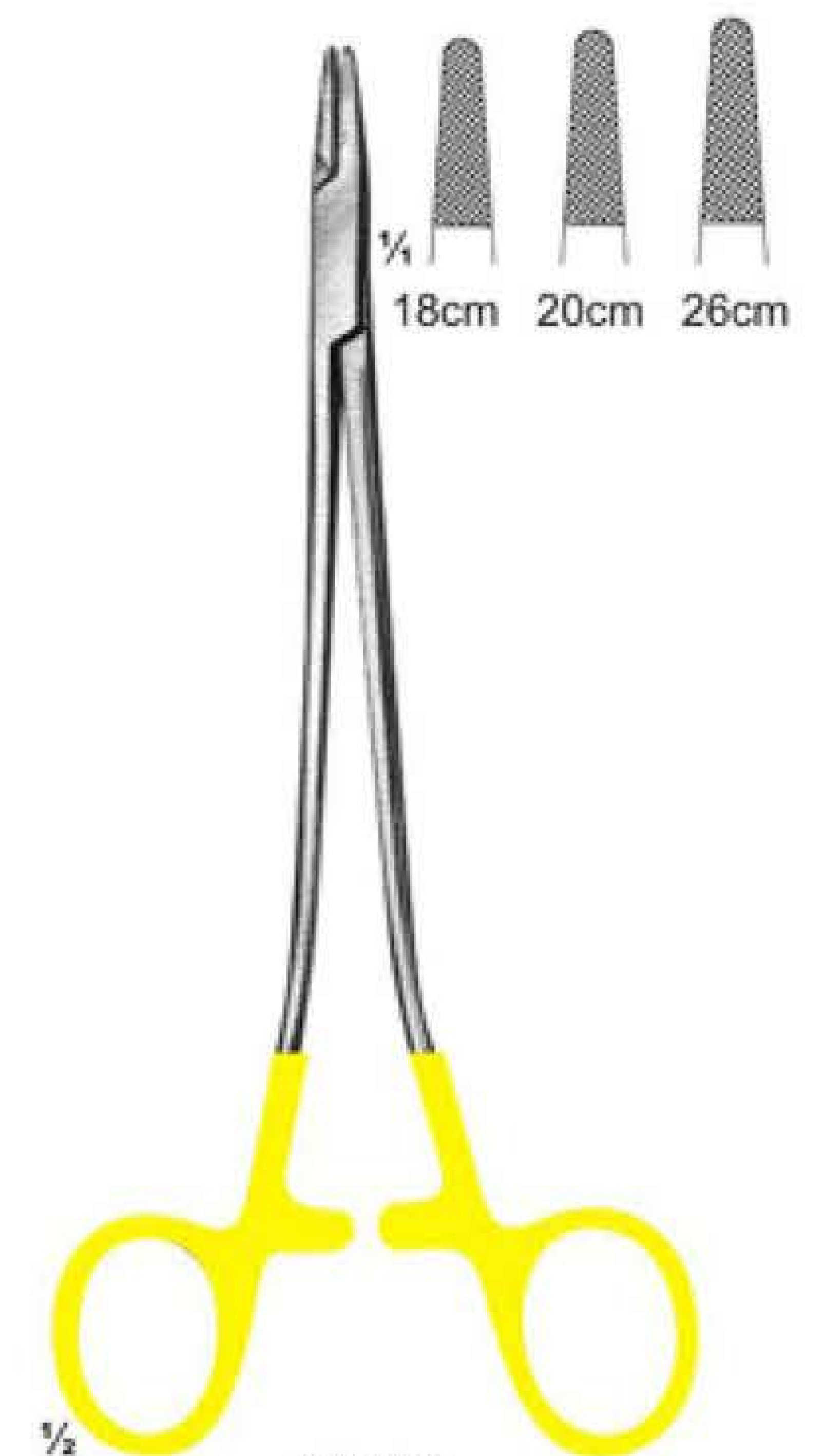
$\frac{1}{2}$
26-161
 Ryder
 13cm 15cm 18cm
 20cm 23cm 26cm



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

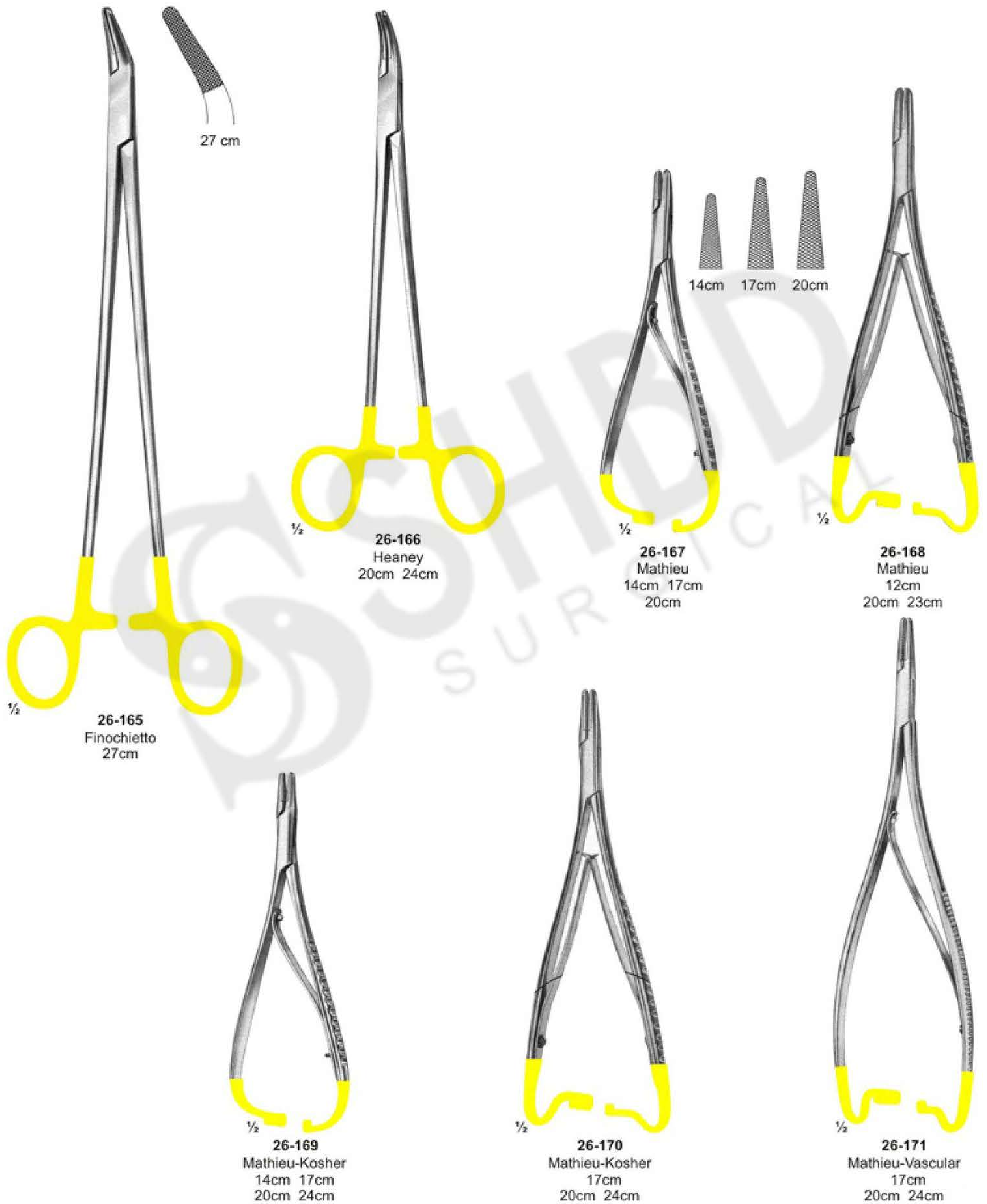


$\frac{1}{2}$
26-163
 Martin
 15cm 17cm 20cm



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

Needle holders with Tungsten Carbide Inserts



Needle holders with Tungsten Carbide Inserts



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



26-173
Lichtenberg
20cm



26-174
Langhals
20cm 25cm



26-175
Lichtenberg
20cm 25cm



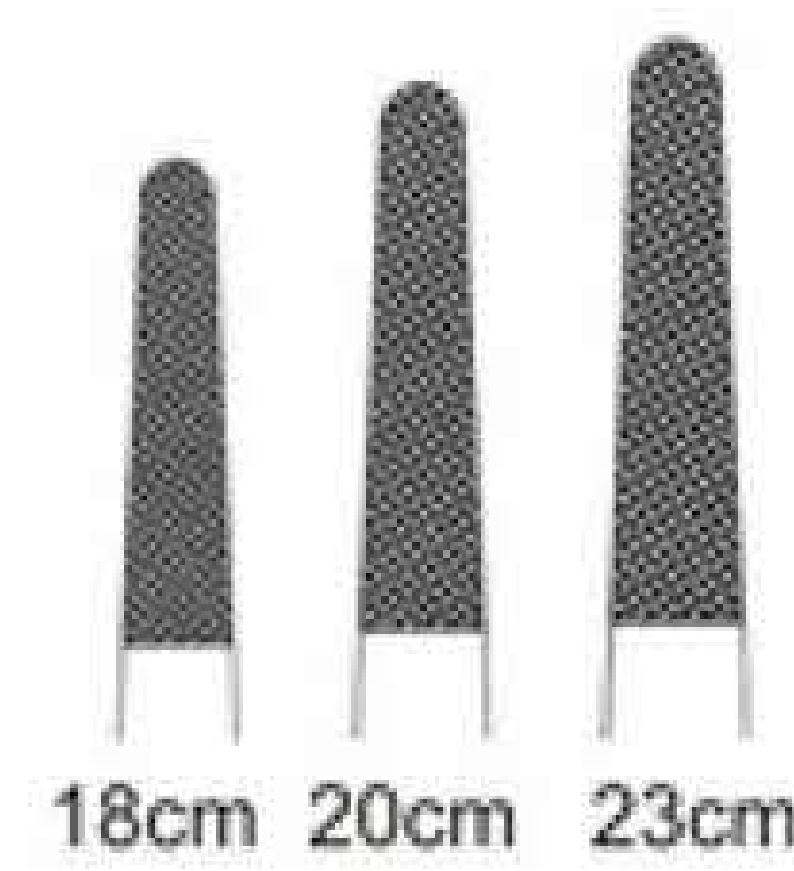
26-176
Luehty-Beck
20cm 25cm



26-177
Luehty-Beck
20cm 25cm



26-178
Langebeck
18cm
20cm 23cm

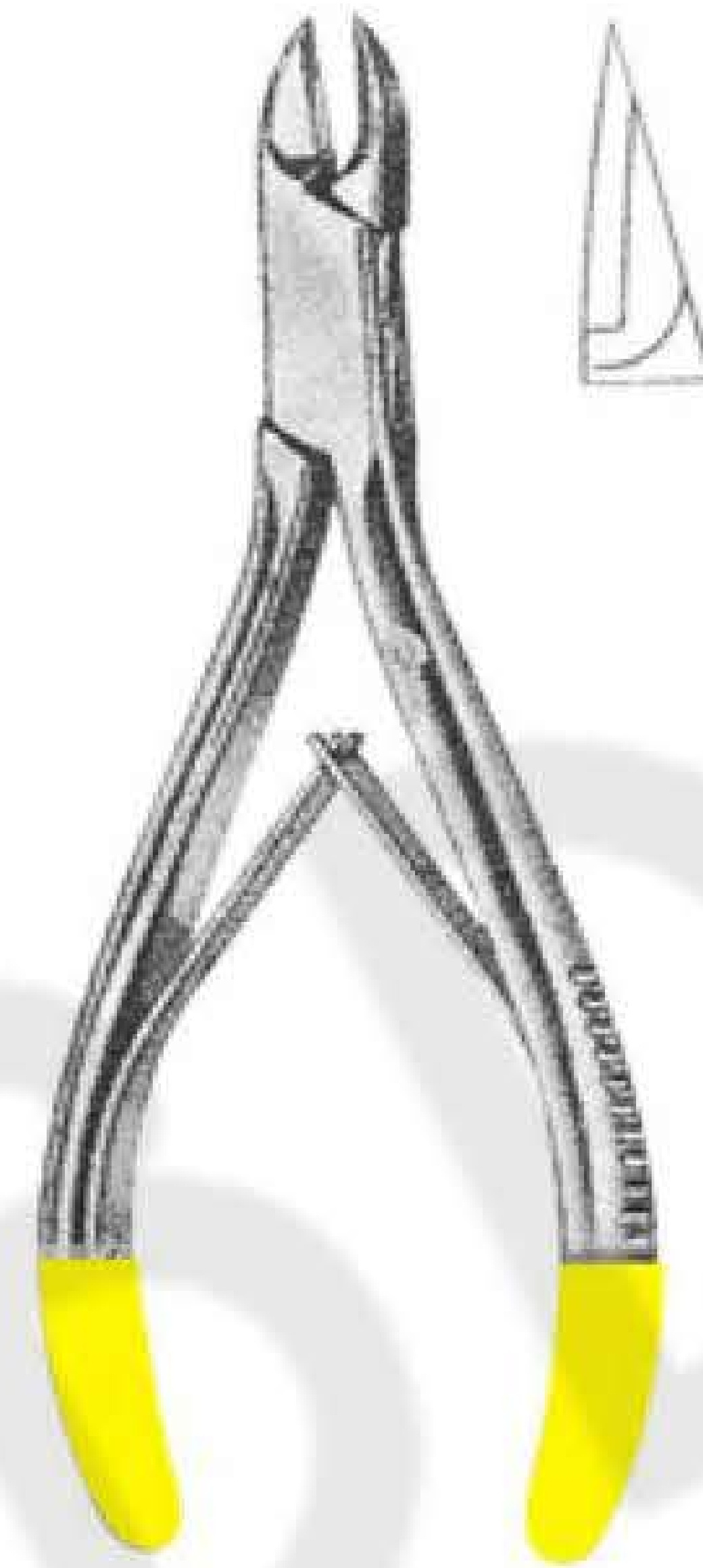


26-179
Langebeck-beck
18cm
20cm 23cm

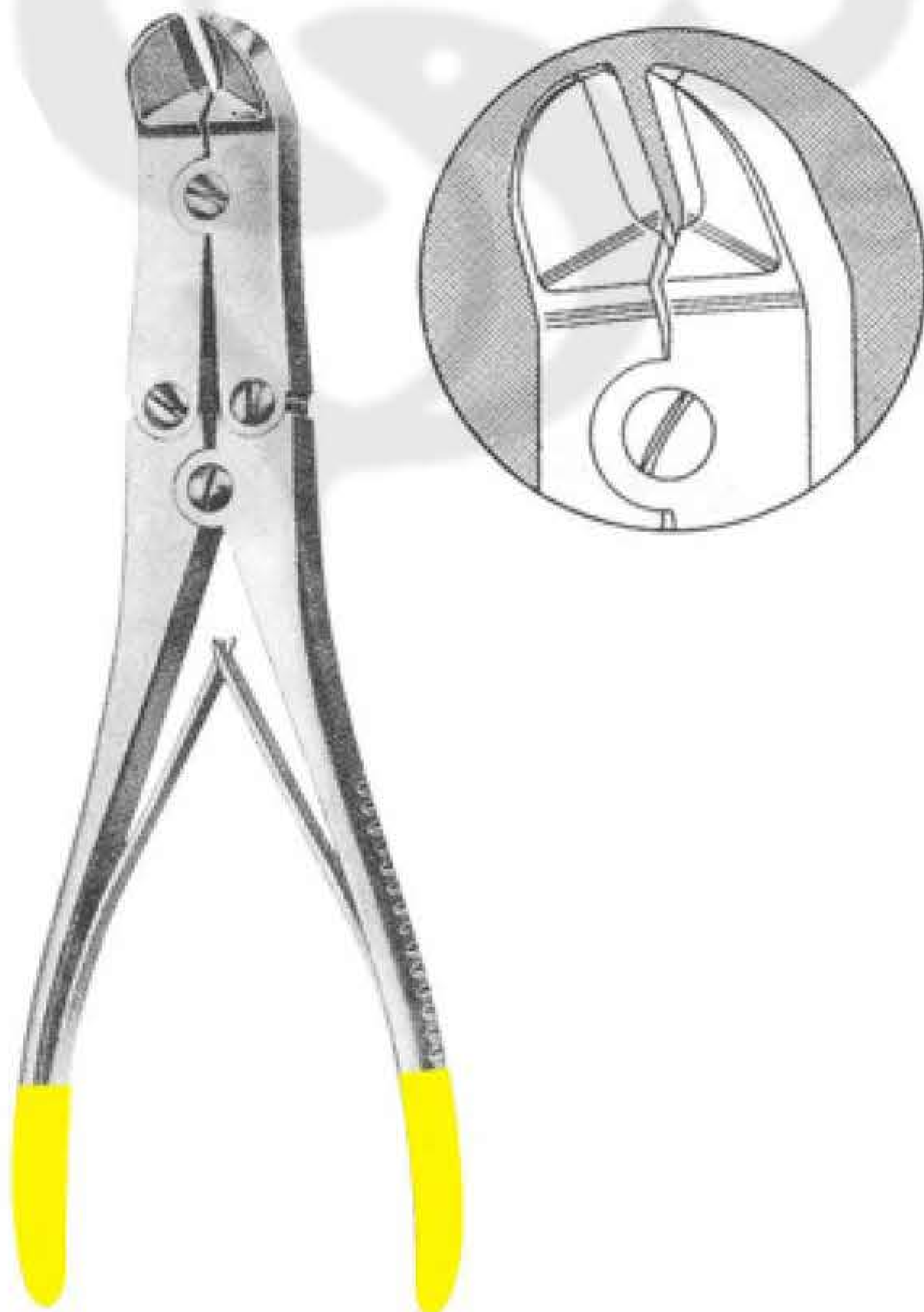
Wire Cutting Plier With T.C. Inserts



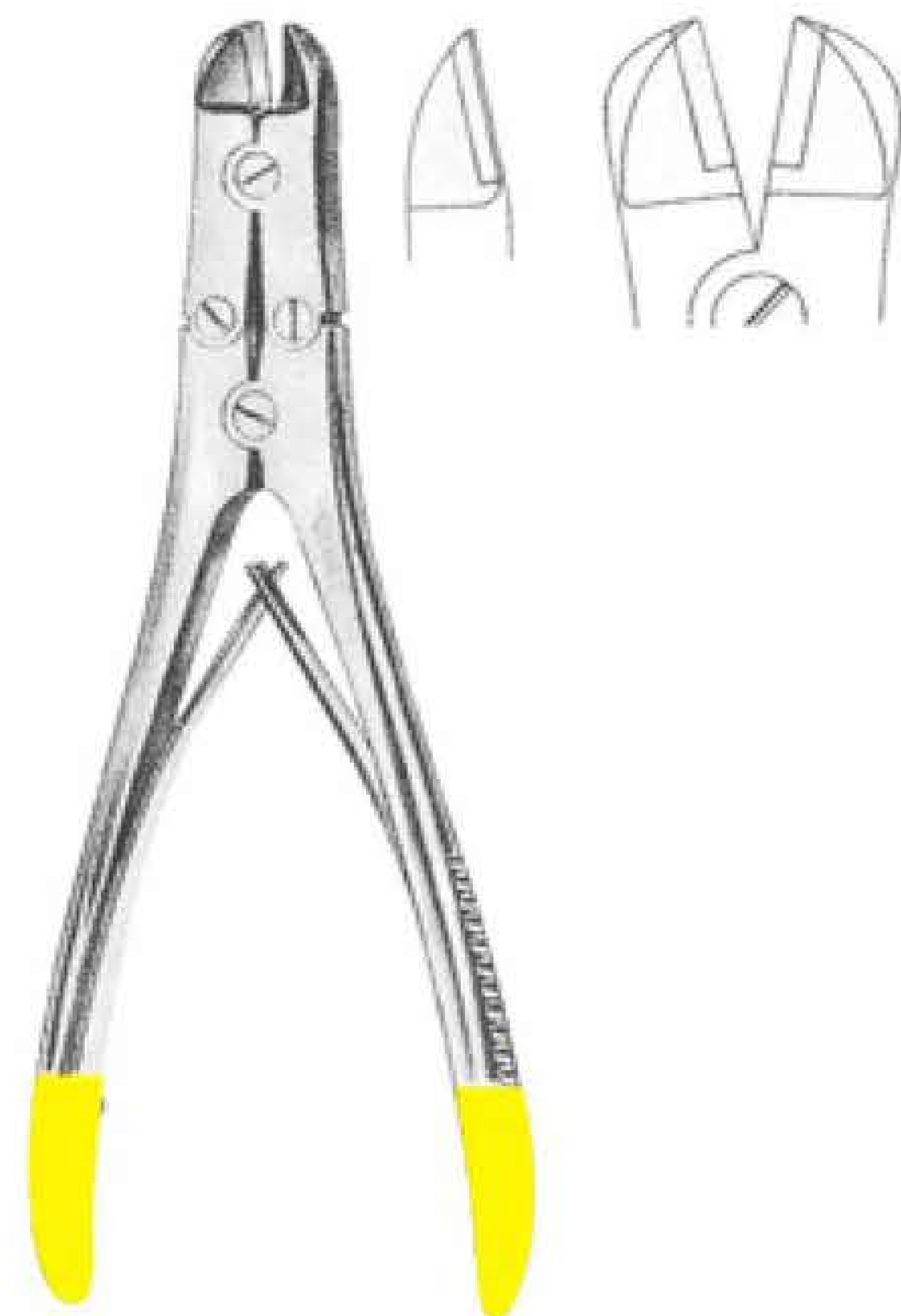
26-180
TOENNIS
 Elastic pattern for
 dura-or intestinal suture
 180 mm



26-181
 Cutting Plier
 12 cm



26-182
MULLAR CLAUS
 22 cm



26-183
 Plier
 17.5 cm



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