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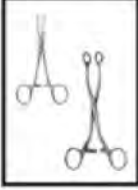
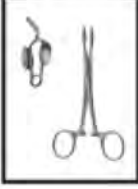
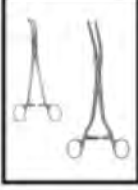









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Percussion Hammers and Aesthesiometers



**01-101
TROEMNER**
Size: 245 mm

1/2



**01-102
DEJERINE**
Size: 200 mm

1/2



**01-103
DEJERINE
with needle**
Size: 210 mm

1/2



**01-104
TAYLOR**
Size: 195 mm

1/2



1/2



1/2



1/2

**01-105
BERLINER**
Size: 200 mm

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



1/2

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



1/2

**01-108
ALY**
Size: 190 mm



1/2

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

Stethoscopes



01-110
PINARD (Aluminum)
Size: 155 mm

½



01-111
wooden
Size: 145 mm

½



01-112
BOWLES
Stethoscope
with diaphragm

¼



01-113
ANESTOPHON

½



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

¼



01-115
BOWLES

¼

Head Mirrors and Head Bands



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



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



01-118
ZIEGLER
head band of plastic black

01-119
ZIEGLER
head band of plastic white



01-120
MURPHY
head band of celluloid, white

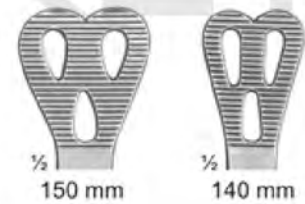
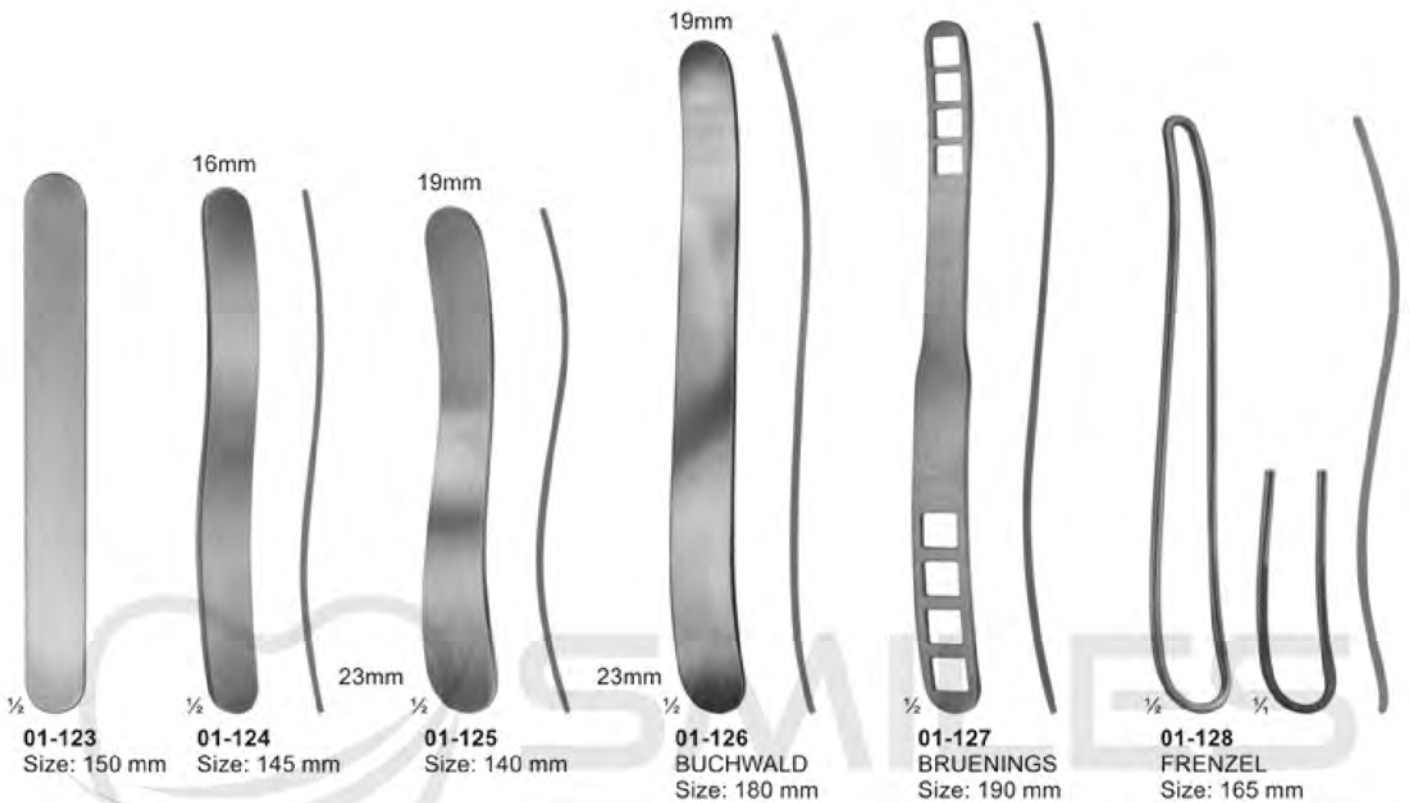


01-121
head band of plastic,
white, soft pattern



01-122
head mirror with black
plastic head band.

Tongue Depressors



Instruments for Anaesthesia and Tongue Forceps



01-134
SCHIMMELBUSCH
Ether mask



01-135
HEISTER
Mouth gag
Size: 130 mm



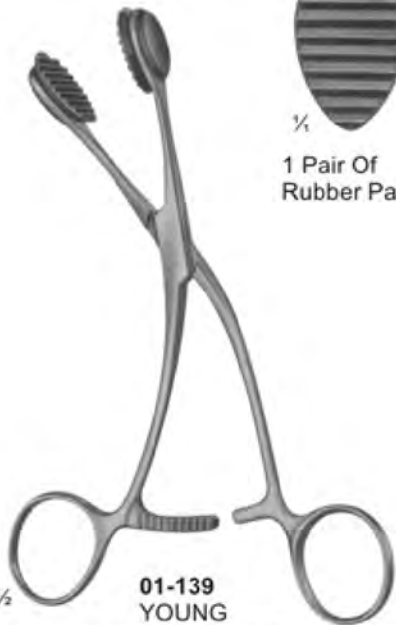
01-136
FERGUSSON-ACKLAND
Mouth gag
Size: 145 mm



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



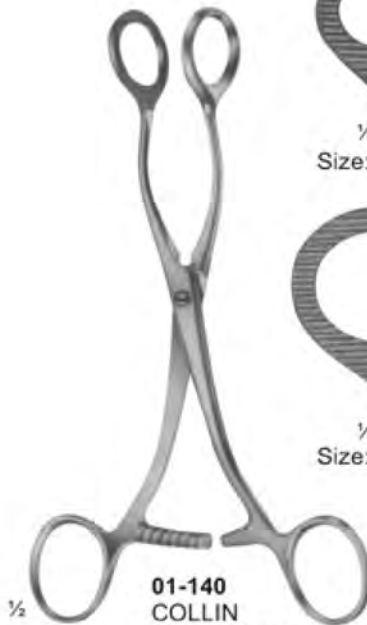
01-138
ROSER KOENIG
Mouth gag
Size: 160 mm, 185 mm



01-139
YOUNG
Size: 165 mm



1 Pair Of
Rubber Pads



01-140
COLLIN
Size: 160 mm,
170 mm



Size: 160 mm

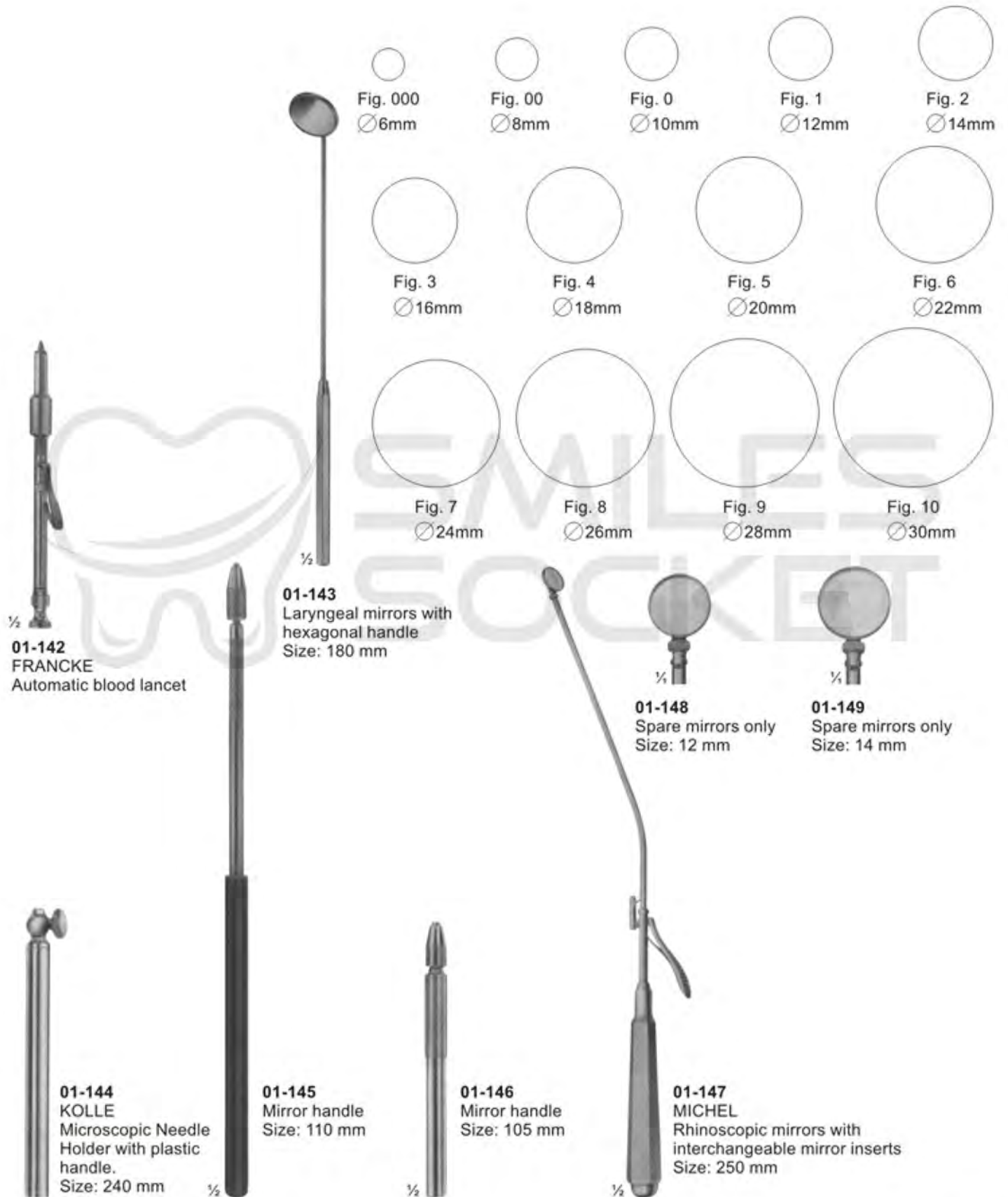


Size: 170 mm



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

Blood Lancets and Laryngeal Mirrors



Laryngoscope and Diagnostic Sets



$\frac{1}{4}$
01-150
Infants
Size: 150 mm

$\frac{1}{4}$
01-151
Children
Size: 200 mm

$\frac{1}{4}$
01-152
Adults
Size: 250 mm



01-154

$\frac{1}{2}$
01-150 - 152
MAGILL



$\frac{1}{2}$
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



1/2

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

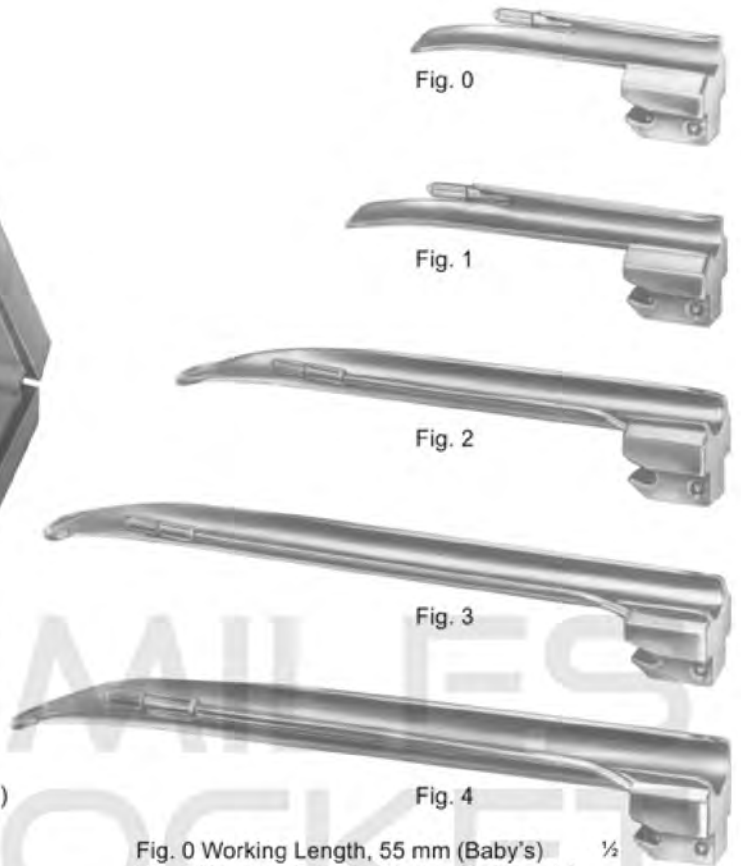


Fig. 0

Fig. 1

Fig. 2

Fig. 3

Fig. 4

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



1/2

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

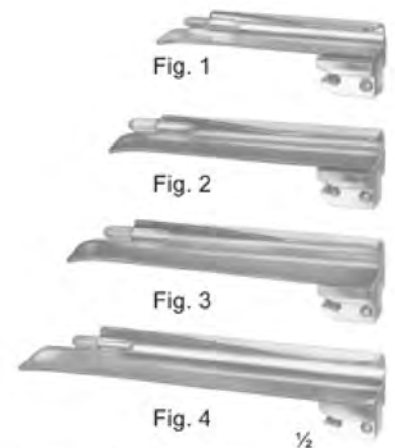


Fig. 1

Fig. 2

Fig. 3

Fig. 4

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

Laryngoscopes



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

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



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

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



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)



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

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**



<p>½</p> <p>LISTON 02-111 Size: 130 mm</p> <p>½</p> <p>02-112 Size: 160 mm</p> <p>½</p> <p>02-113 Size: 190 mm</p> <p>½</p> <p>02-114 Size: 200 mm</p>	<p>½</p> <p>02-115 CATLIN Size: 160 mm</p> <p>½</p> <p>02-116 LANGENBECK Size: 120 mm</p> <p>½</p> <p>02-117 Size: 110 mm</p> <p>½</p> <p>02-118 Size: 55 mm</p> <p>½</p> <p>02-119 Size: 70 mm</p> <p>½</p> <p>02-120 Size: 80 mm</p> <p>½</p> <p>02-121 Size: 195 mm</p>	<p>Blade length Amputating Knives</p> <p>Blade length Amputating Knives</p> <p>Blade length Amputating Knives</p> <p>Blade length Amputating Knives</p> <p>Blade length Amputating Knives</p> <p>Blade length Amputating Knives</p> <p>Blade length Amputating Knives</p> <p>Blade length Amputating Knives</p> <p>Blade length Amputating Knives</p>
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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 m
Tonsil Knife

Scalpel Handles



02-130
STANDARD
No. 3
Solid
12 cm

02-131
No. 3
Solid
12 cm

02-132
No. 3
Solid
12 cm

02-133
No. 3 L
Straight
Solid
21.5 cm

02-134
No. 3 L
Angled
Solid
21 cm

02-135
No. 7
Solid
16 cm

02-136
No. 7 K
Solid
12.5 cm

02-137
Hollow-Round
15.5 cm

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

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

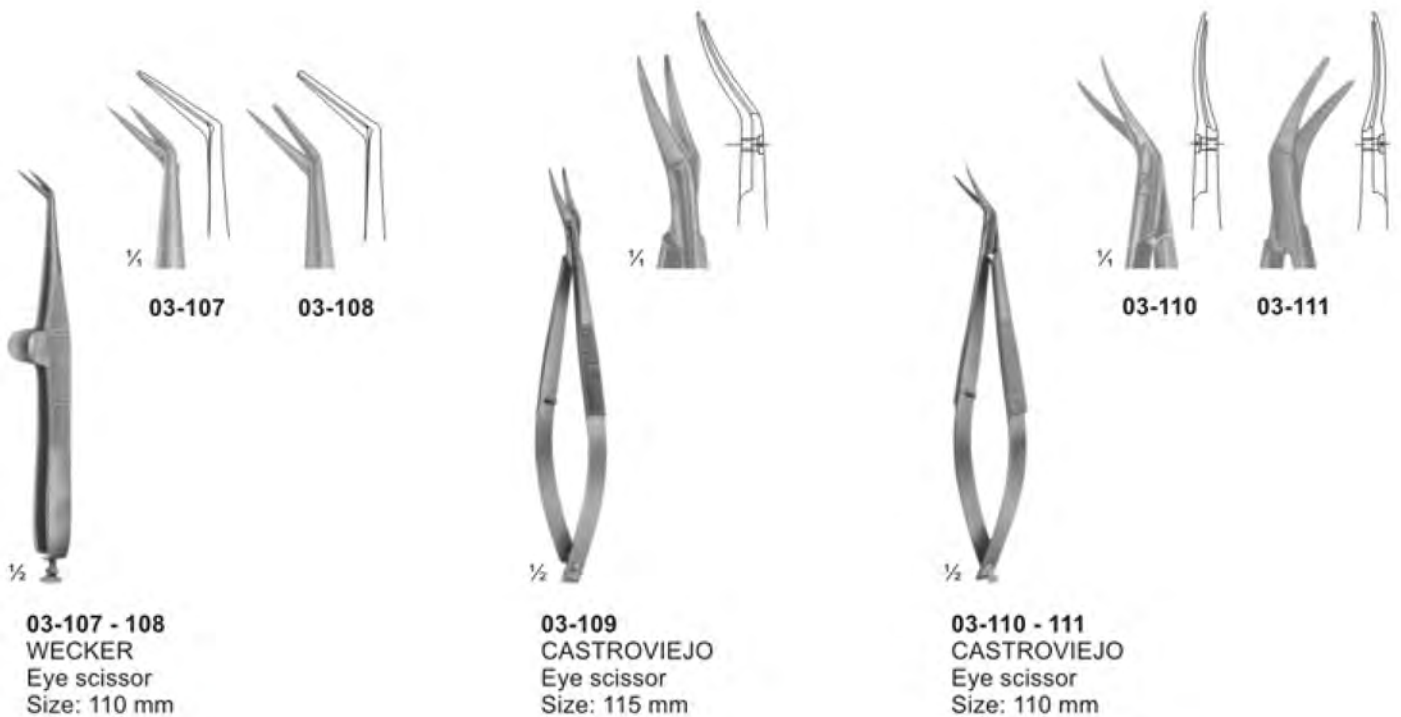
Micro Scissors (Spring Type) with Flat Handles



03-101 - 103
VANNAS
Size: 85 mm

03-104 - 105
CASTROVIEJO
Size: 95 mm

03-106
NOYES
Size: 125 mm

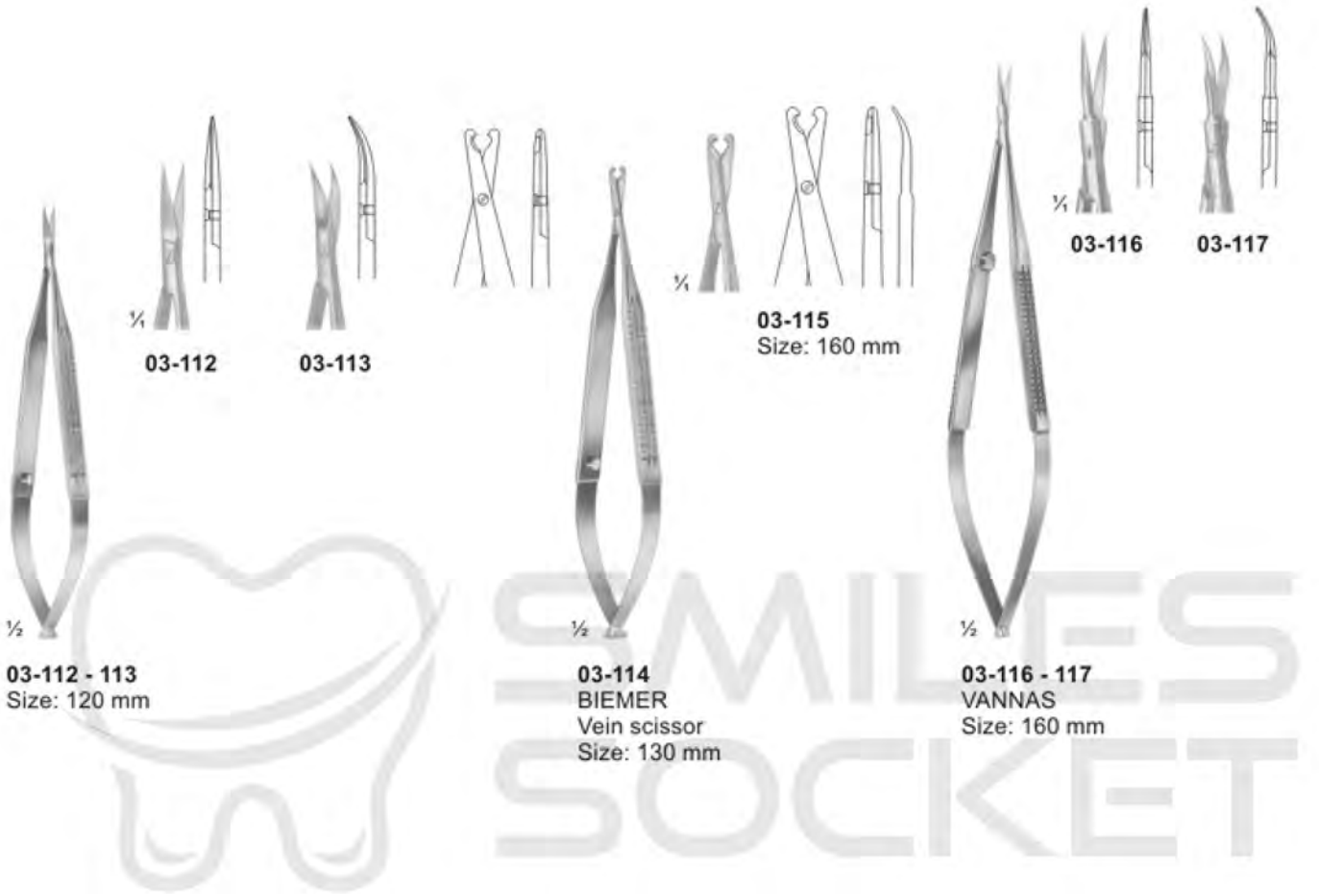


03-107 - 108
WECKER
Eye scissor
Size: 110 mm

03-109
CASTROVIEJO
Eye scissor
Size: 115 mm

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

Micro Scissors (Spring Type) with Flat Handles



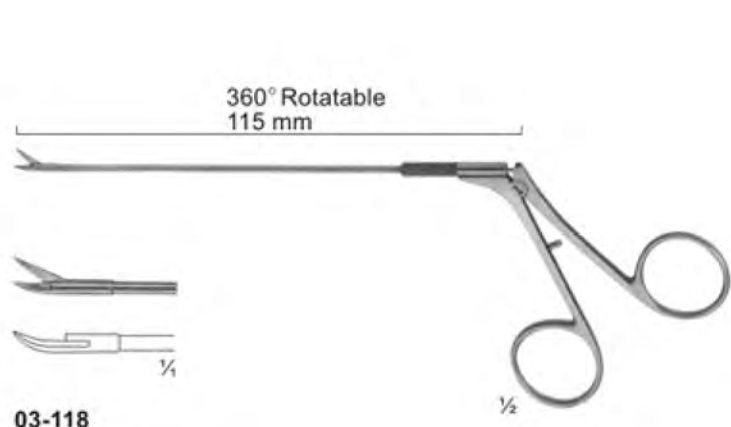
03-112 - 113
Size: 120 mm

03-115
Size: 160 mm

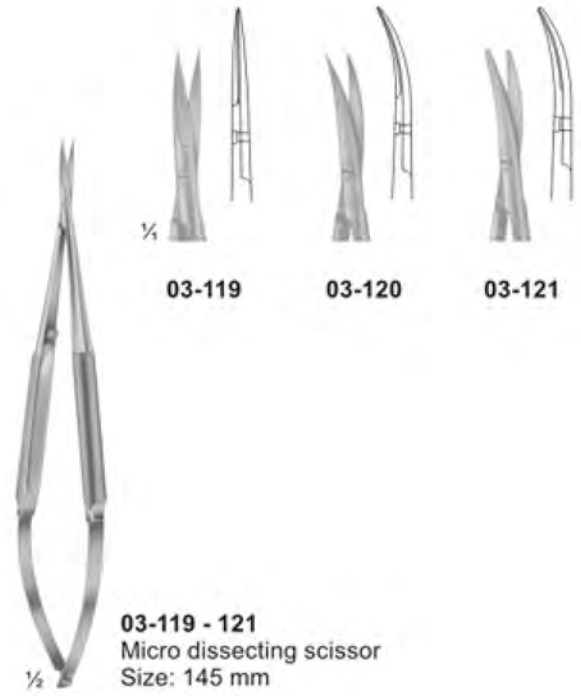
03-116 03-117

03-114
BIEMER
Vein scissor
Size: 130 mm

03-116 - 117
VANNAS
Size: 160 mm



03-118
CASPAR
Micro scissor curved
Size: 115 mm



03-119 03-120 03-121

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

Micro Scissors (Spring Type) bayonet-Shaped



03-122
YASARGIL
Size: 245 mm



03-123
45°



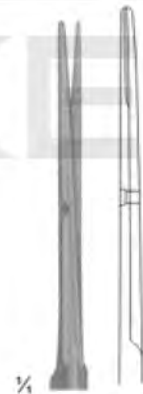
03-124
45°



03-123 - 124
laterally angled
Size: 200 mm



03-125
laterally angled
Size: 190 mm



03-126

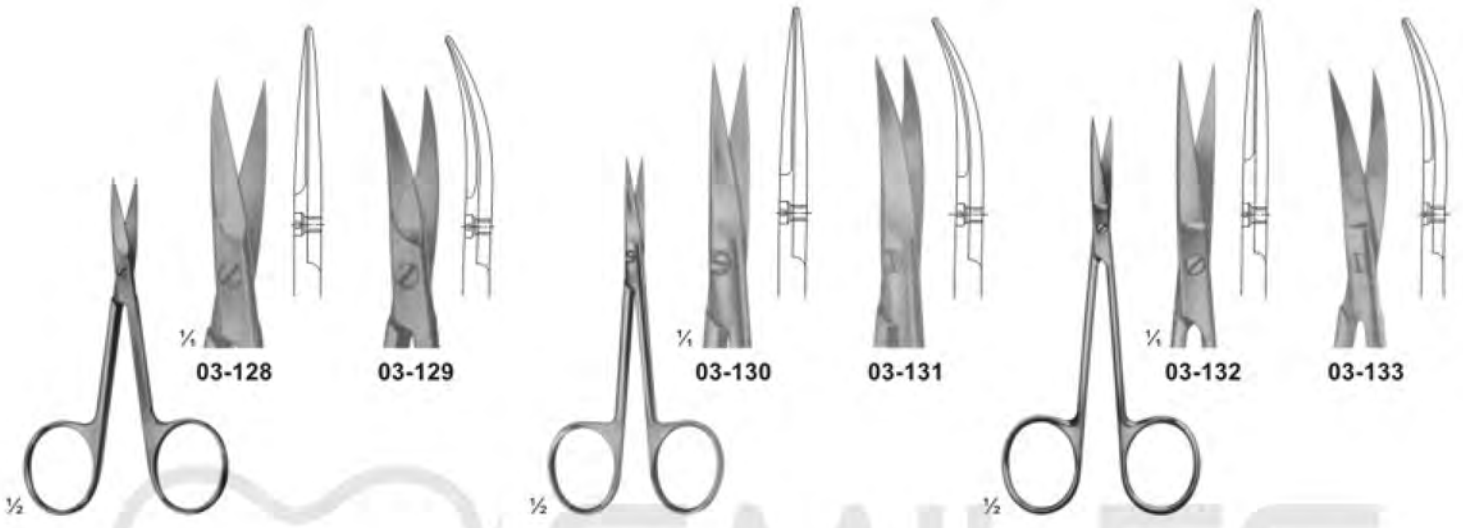


03-127



03-126 - 127
YASARGIL
Size: 225 mm

Delicate Scissors



03-128 - 129
Size: 90 mm

03-130 - 131
Size: 95 mm

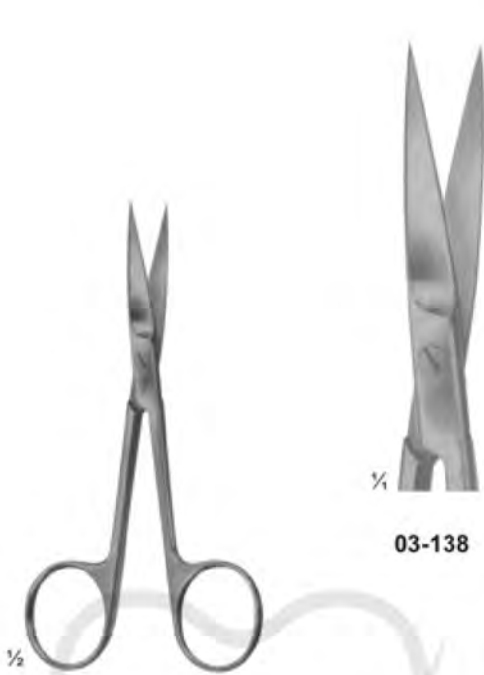
03-132 - 133
Size: 105 mm



03-134 - 135
Size: 120 mm

03-136 - 137
Size: 115 mm

Delicate Scissors



03-138



03-139



03-140



03-138 - 140
Size: 120 mm

SMILES
SOCKET



03-141



03-142



03-143

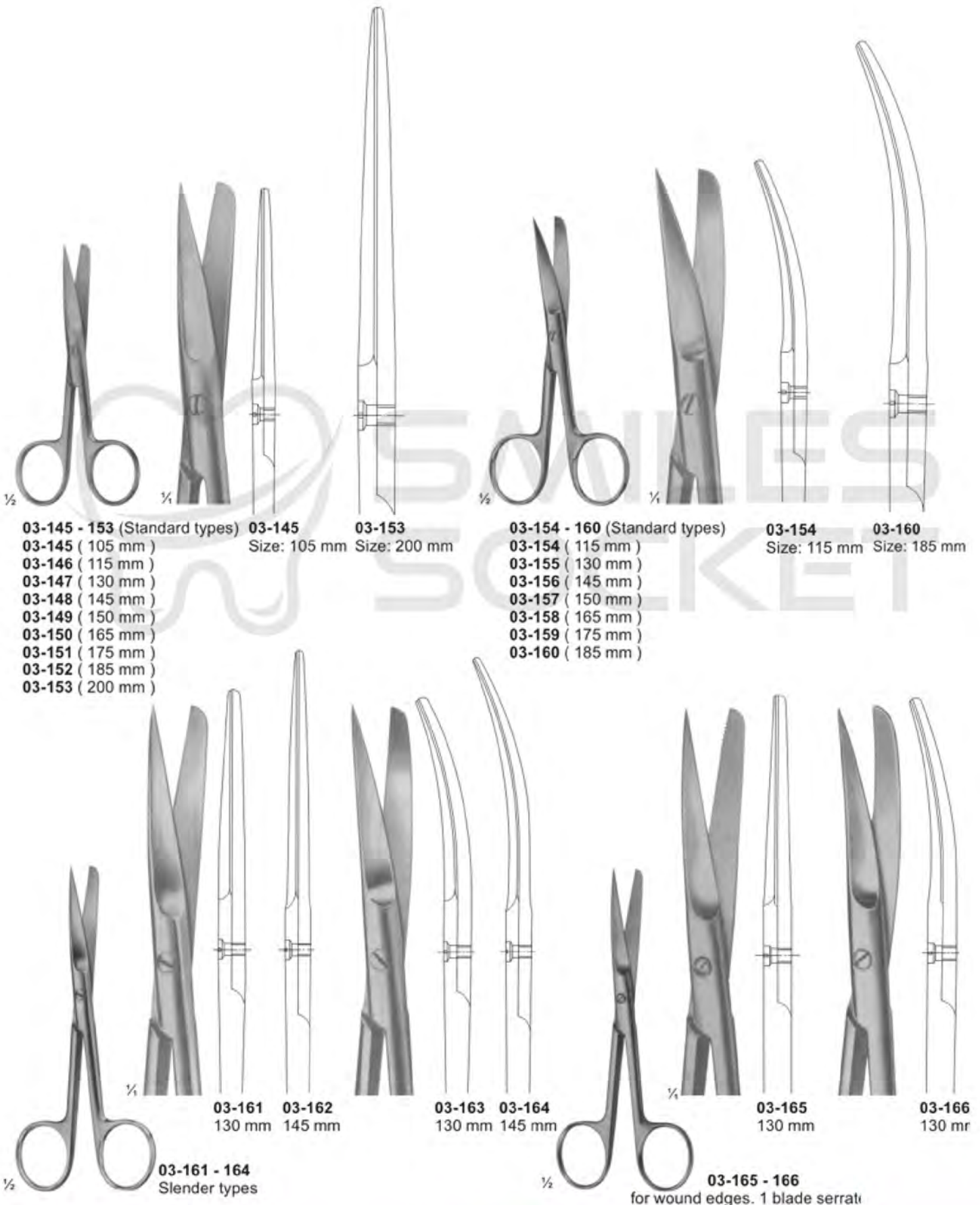


03-144

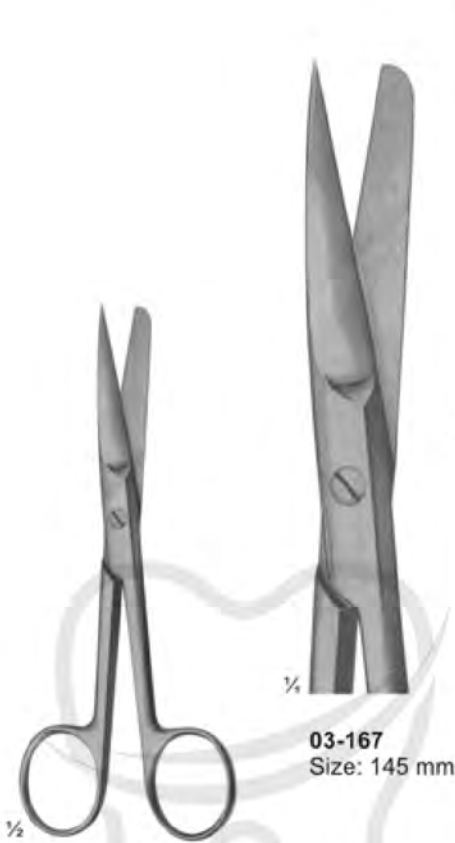


03-141 - 144
Size: 130 mm

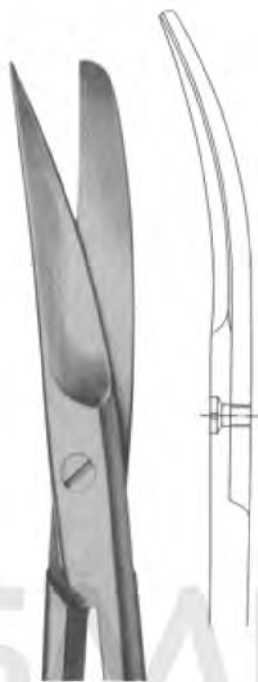
Surgical Scissors



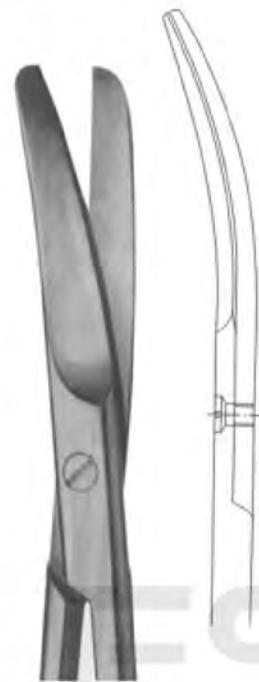
Surgical Scissors



03-167
Size: 145 mm

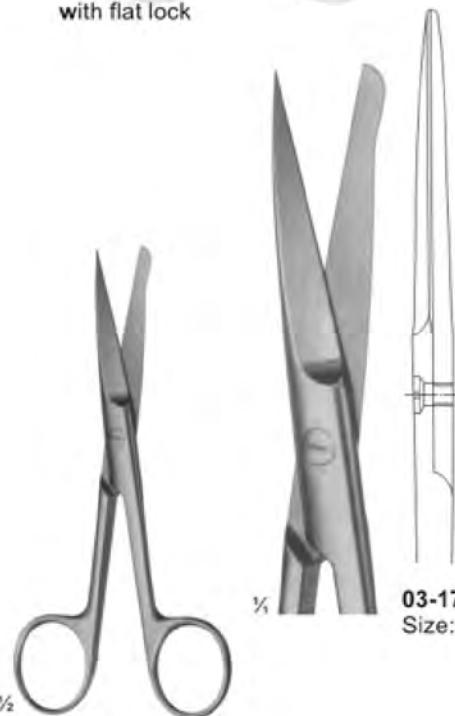


03-168
Size: 145 mm



03-169
Size: 145 mm

03-167 - 169
DEAVER
with flat lock

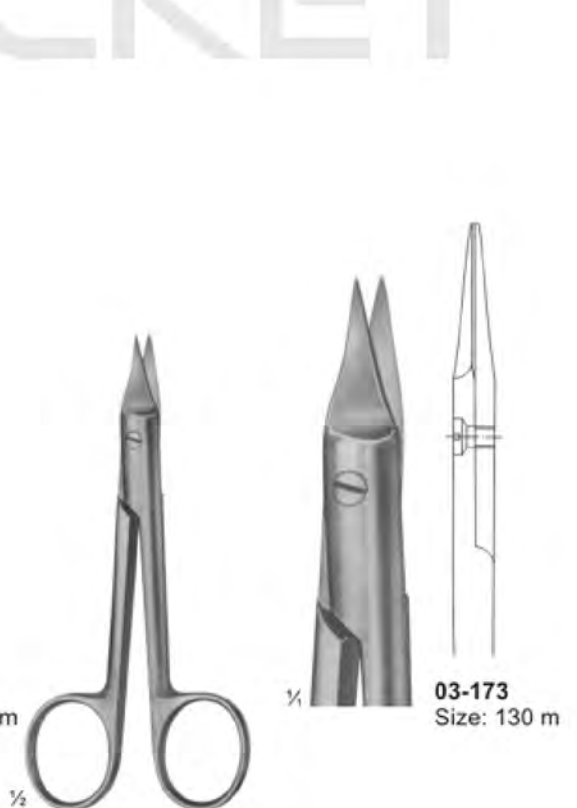


03-170
Size: 130 mm

03-171
Size: 145 mm

03-172
Size: 165 mm

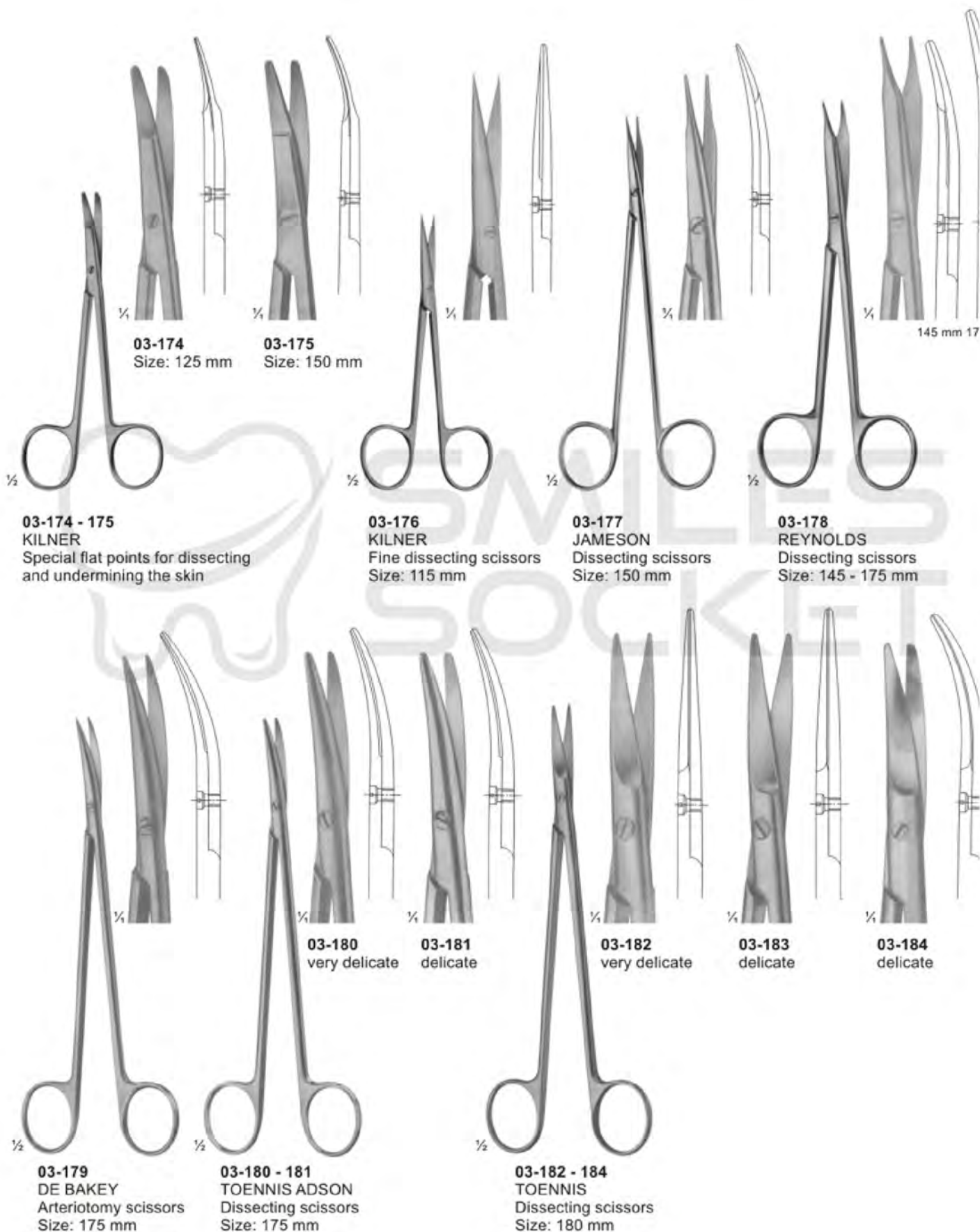
03-170 - 172
Incision scissors



03-173
Size: 130 m

03-173
SYSTRUNK
Nail splitting scissors

Dissecting Scissors



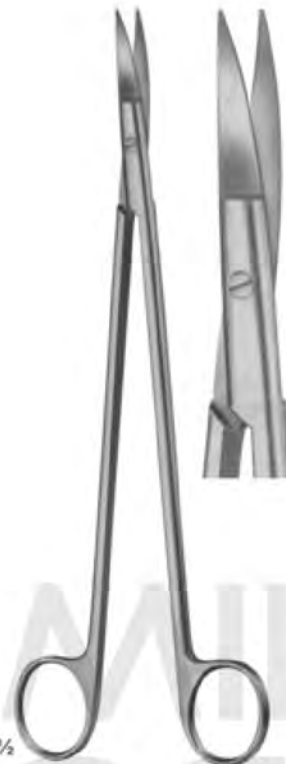
Dissecting Scissors



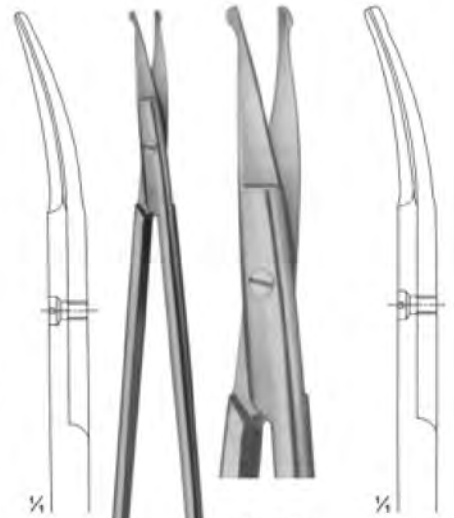
Scissors for Cardiovascular and Neuro-Surgery



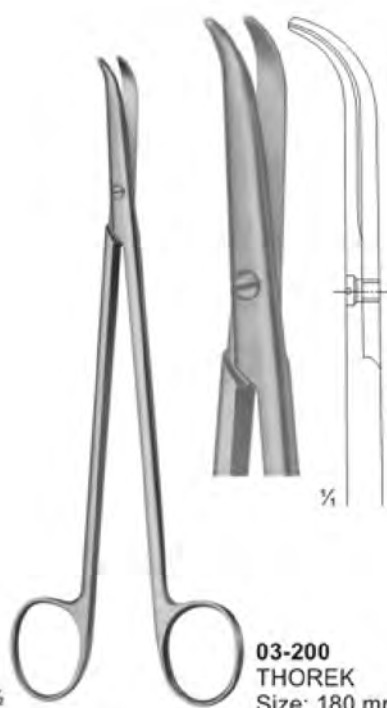
03-197
OLIVECRONA
Dura scissors



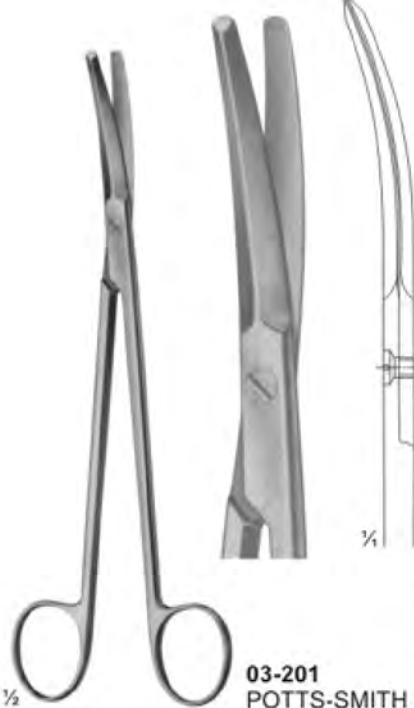
03-198
STRULLY
pointed
Size: 220 mm



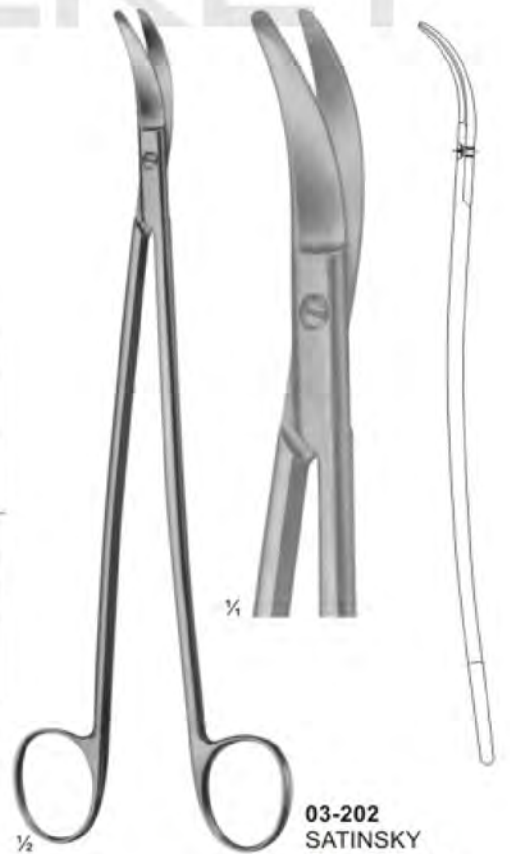
03-199
STRULLY
probe pointed
Size: 220 mm



03-200
THOREK
Size: 180 mm



03-201
POTTS-SMITH
Size: 190 mm



03-202
SATINSKY
Size: 245 mm

Delicate, Nasal and Tonsil Scissors

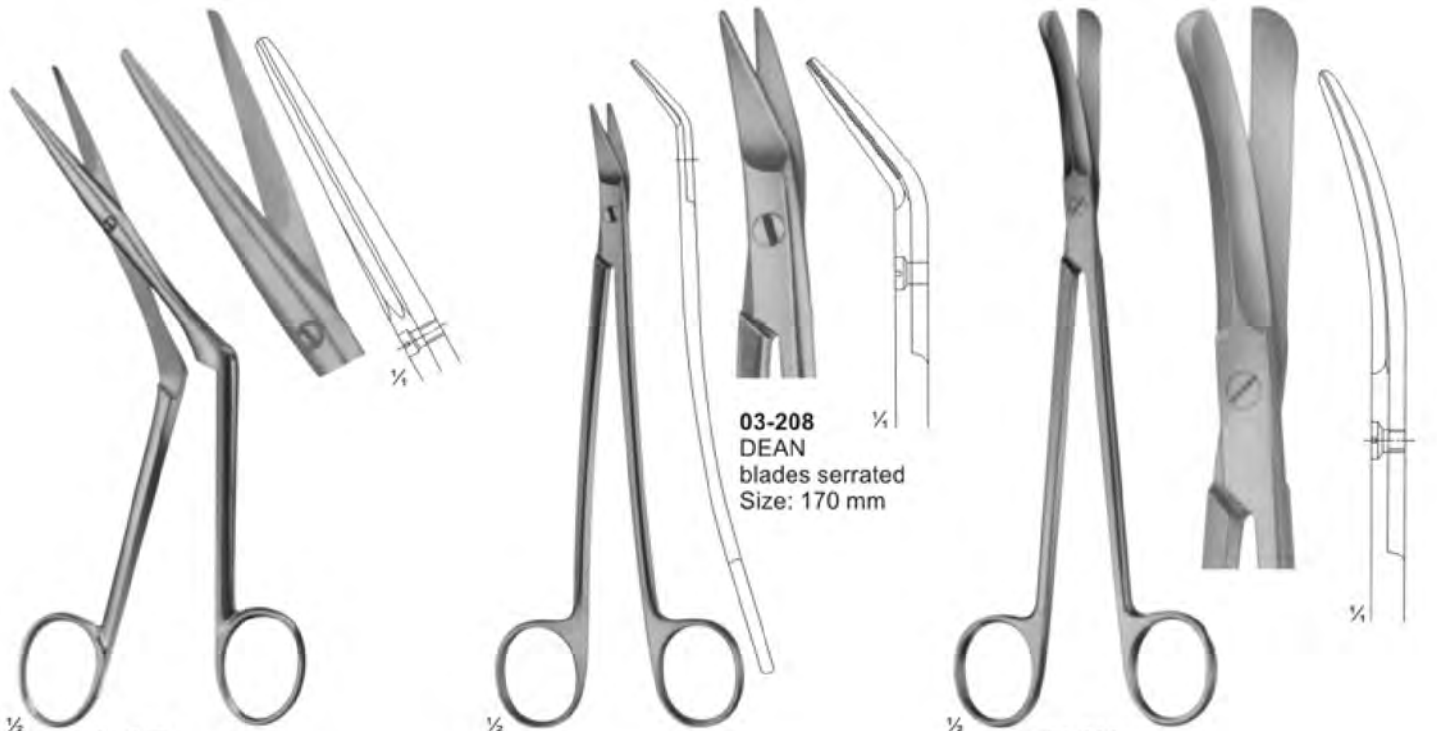


03-203
1 finely toothed blade
Size: 130 mm

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



SMILES
SOCKET



03-211 - 03-212



03-211
195 mm



¼



03-212
225 mm



¼

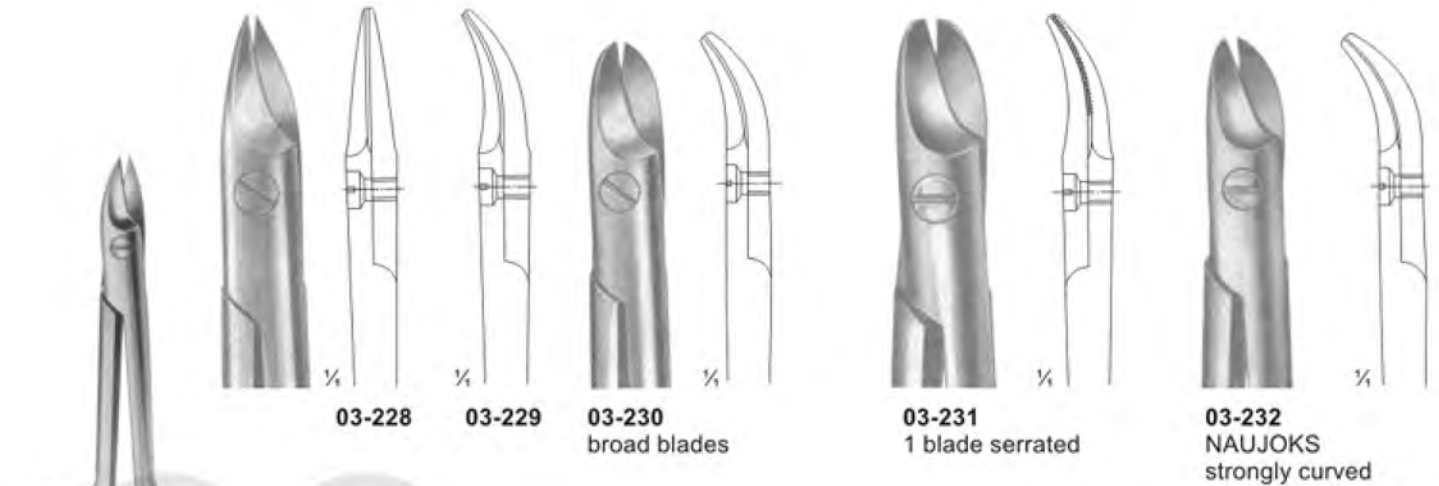
**Scissors for deep operations and
for Gynaecology**



Scissors for Obstetrics

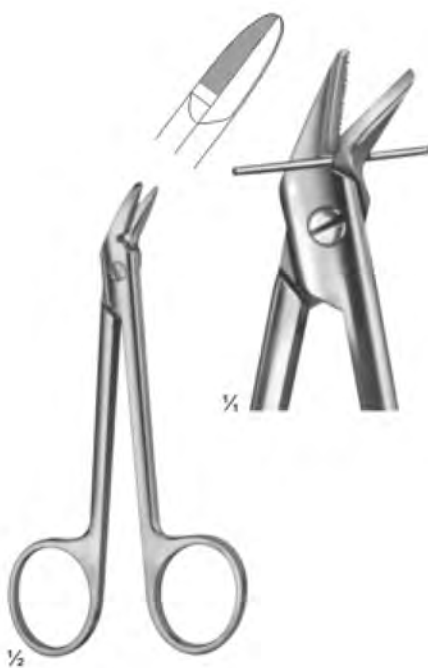


Wire and Plate Scissors



1/2
03-228 - 03-232
BEEBE
Size: 110 mm

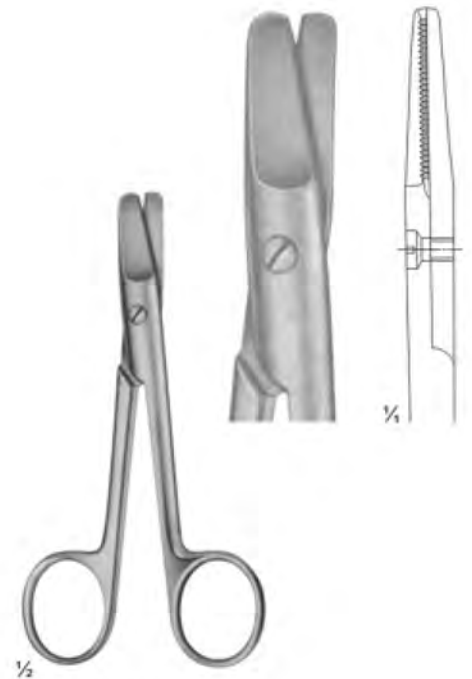
**SMILES
SOCKET**



1/2
03-233
1 blade serrated
Size: 120 mm



1/2
03-234
STRACK
Size: 100 mm



1/2
03-235
HARVEY
blades serrated
Size: 125 mm

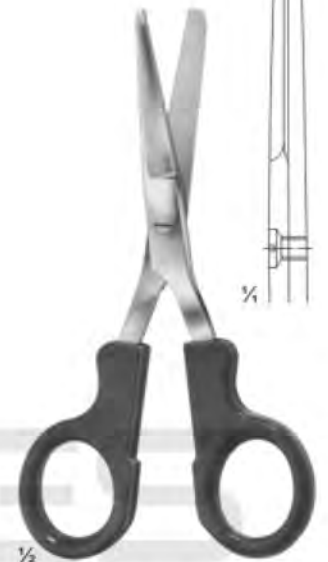
Bandage and Cloth Scissors



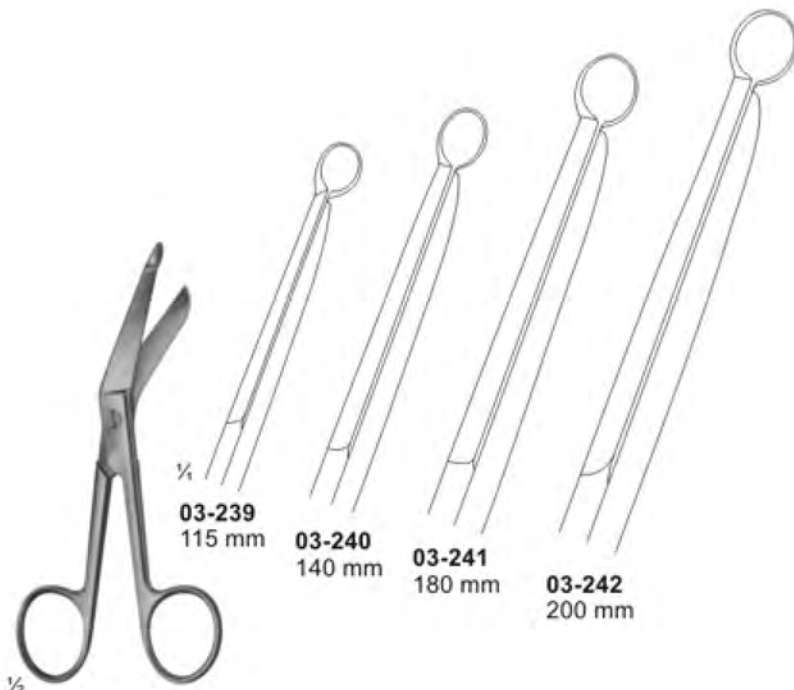
03-236
Universal bandage and cloth scissors,
with toothed edges
180 mm



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



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



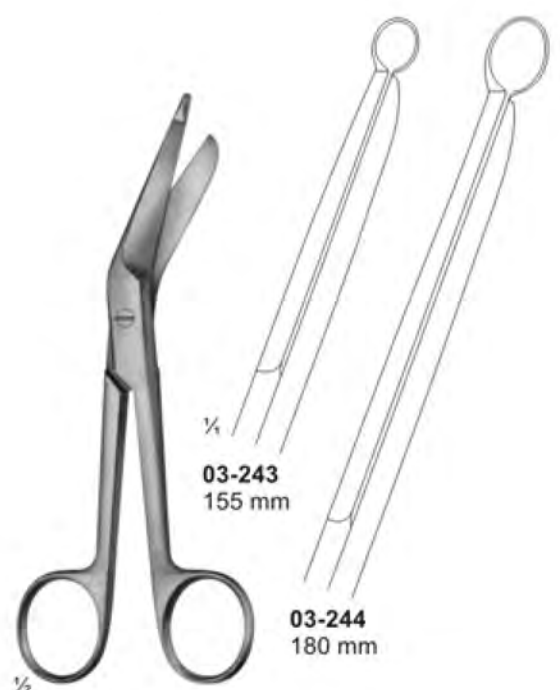
03-239 - 03-242
LISTER

03-239
115 mm

03-240
140 mm

03-241
180 mm

03-242
200 mm

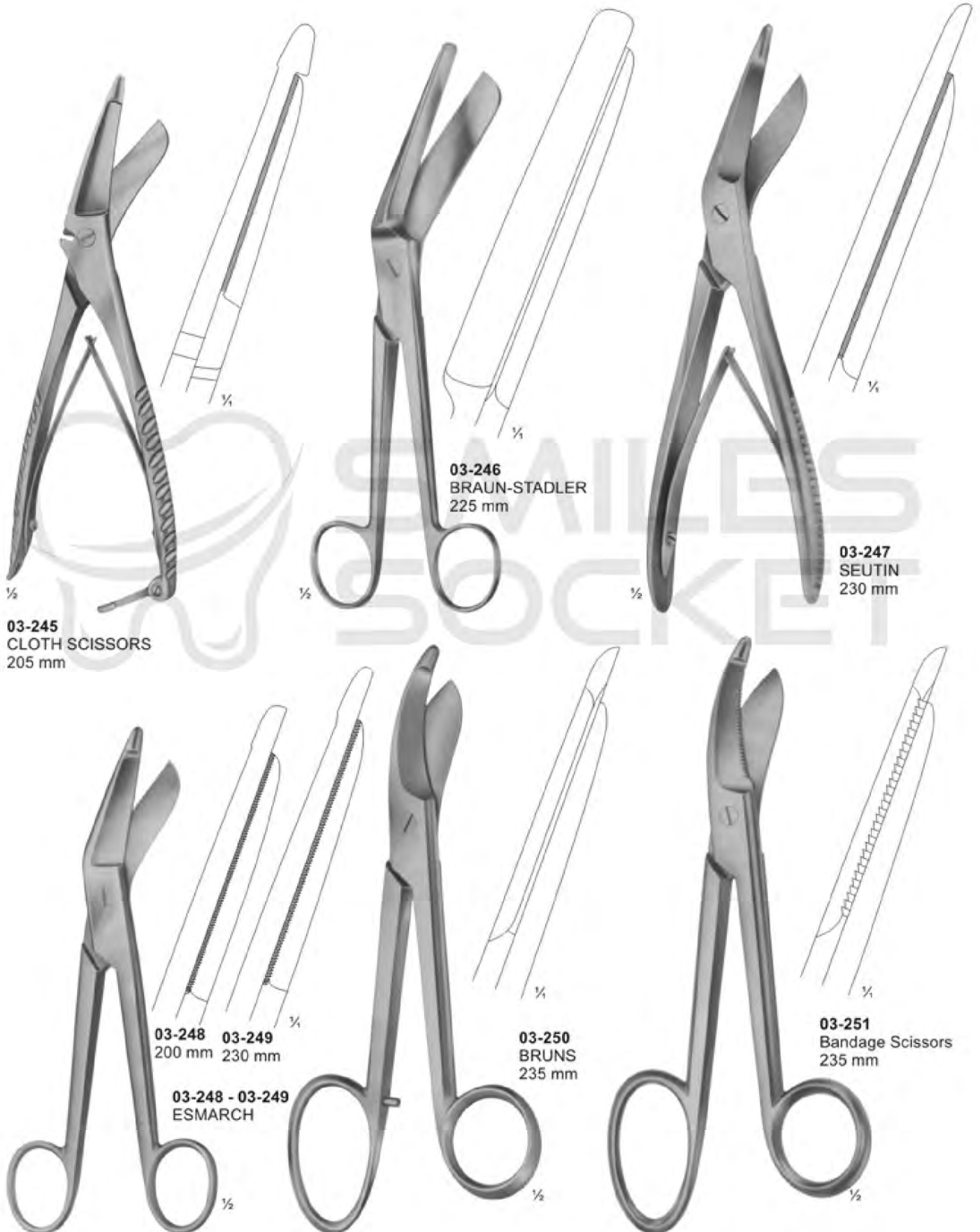


03-243 - 03-244
LISTER

03-243
155 mm

03-244
180 mm

Bandage-, Cloth-, and Plaster Scissors



Forceps for grasping tissue, tumors etc.



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

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

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

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



04-112
HUNT
Tumor-and
vessel forceps
200 mm

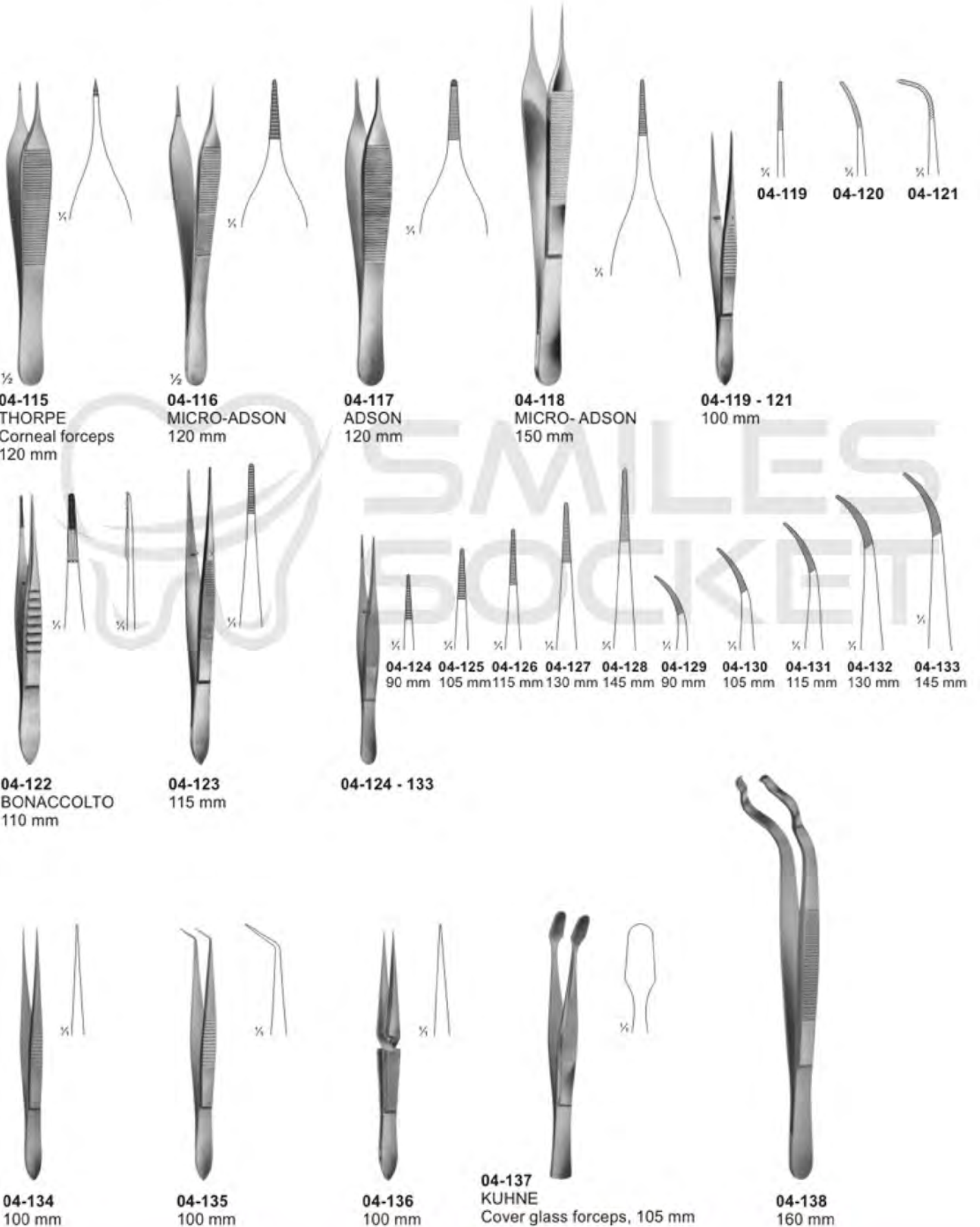


04-113
HUNT
Tumor-and
vessel forceps
200 mm



04-114
YASARGIL
Tumor-and
vessel forceps
200 mm

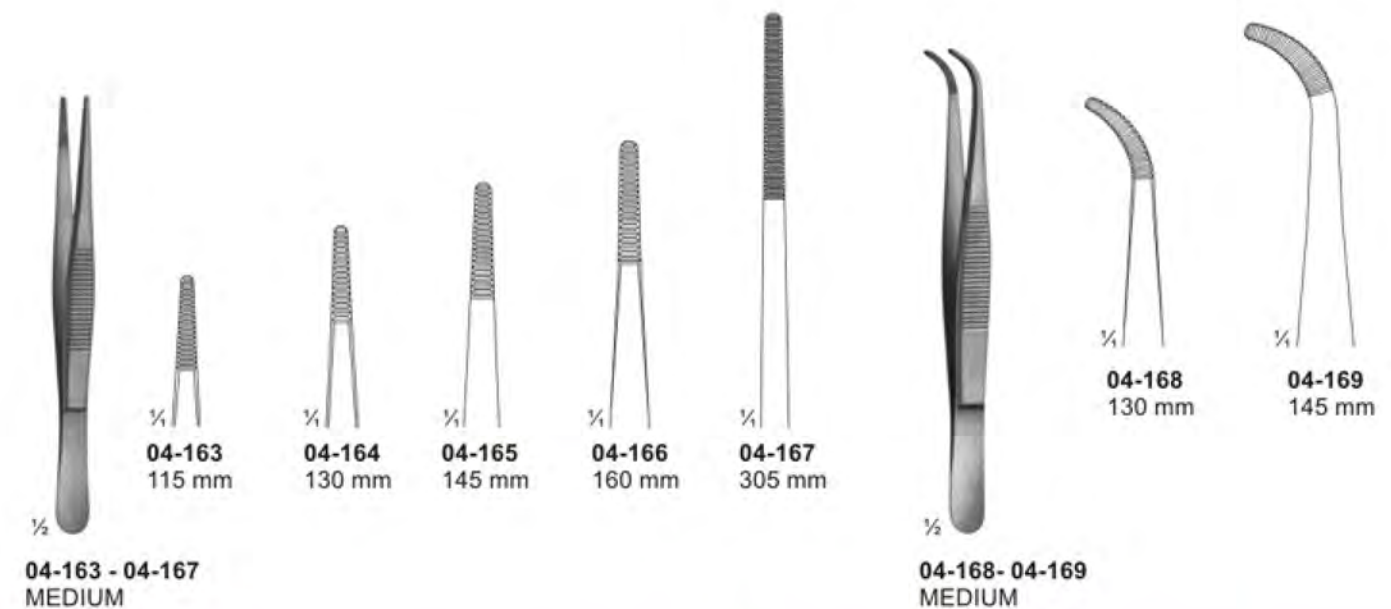
Delicate Dissecting, Microscopic, Sterilizing Forceps



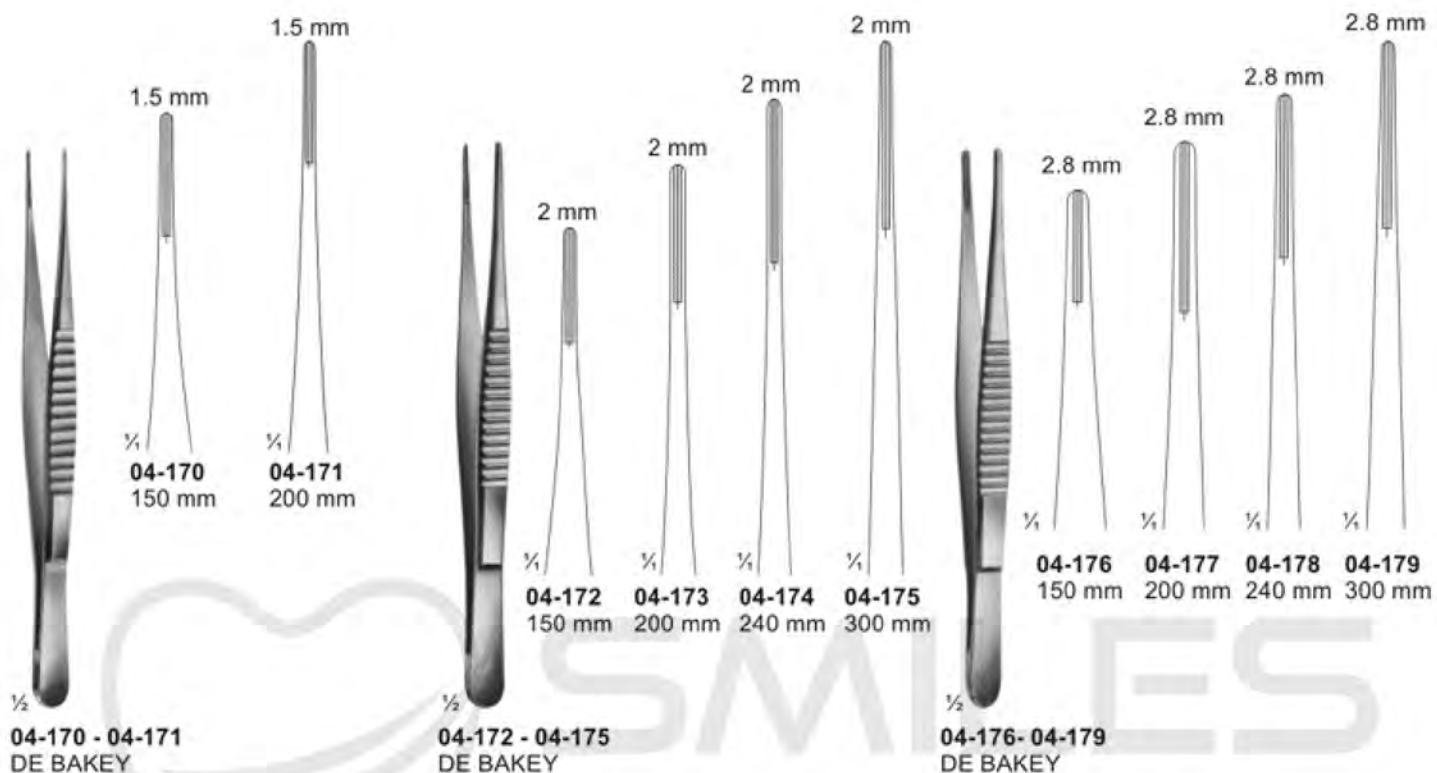
Delicate Dissecting Forceps



Dissecting Forceps



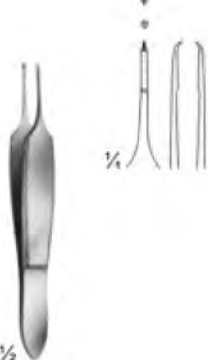
Forceps



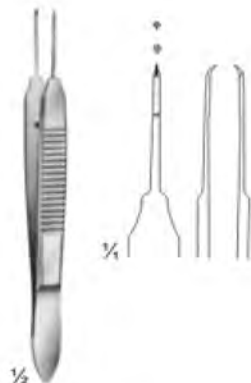
Delicate Tissue Forceps



04-185
BISHOP-HARMON
85 mm



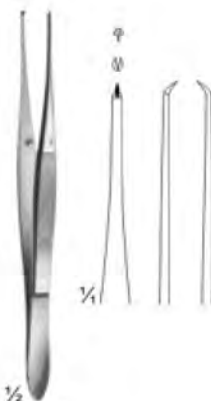
04-186
ST.MARTIN
80 mm



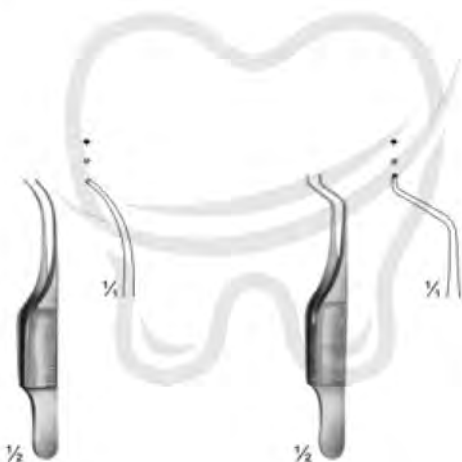
04-187
CASTROVIEJO
teeth 0.9 mm
100 mm



04-188
CASTROVIEJO
teeth 0.5 mm
100 mm



04-189
ELSCHING
110 mm



04-190
GILL
75 mm



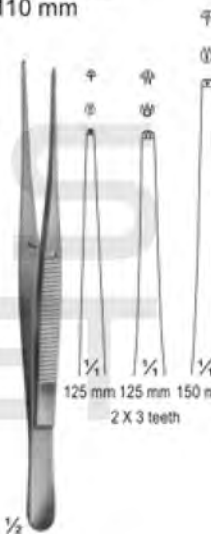
04-191
GILL - HESS
75 mm



04-192
HESS
70 mm



04-193
ARRUGA
100 mm



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



04-195
MICRO-ADSON
120 mm



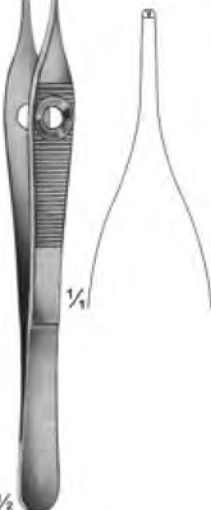
04-196
ADSON
120 mm



04-197
ADSON
120 mm

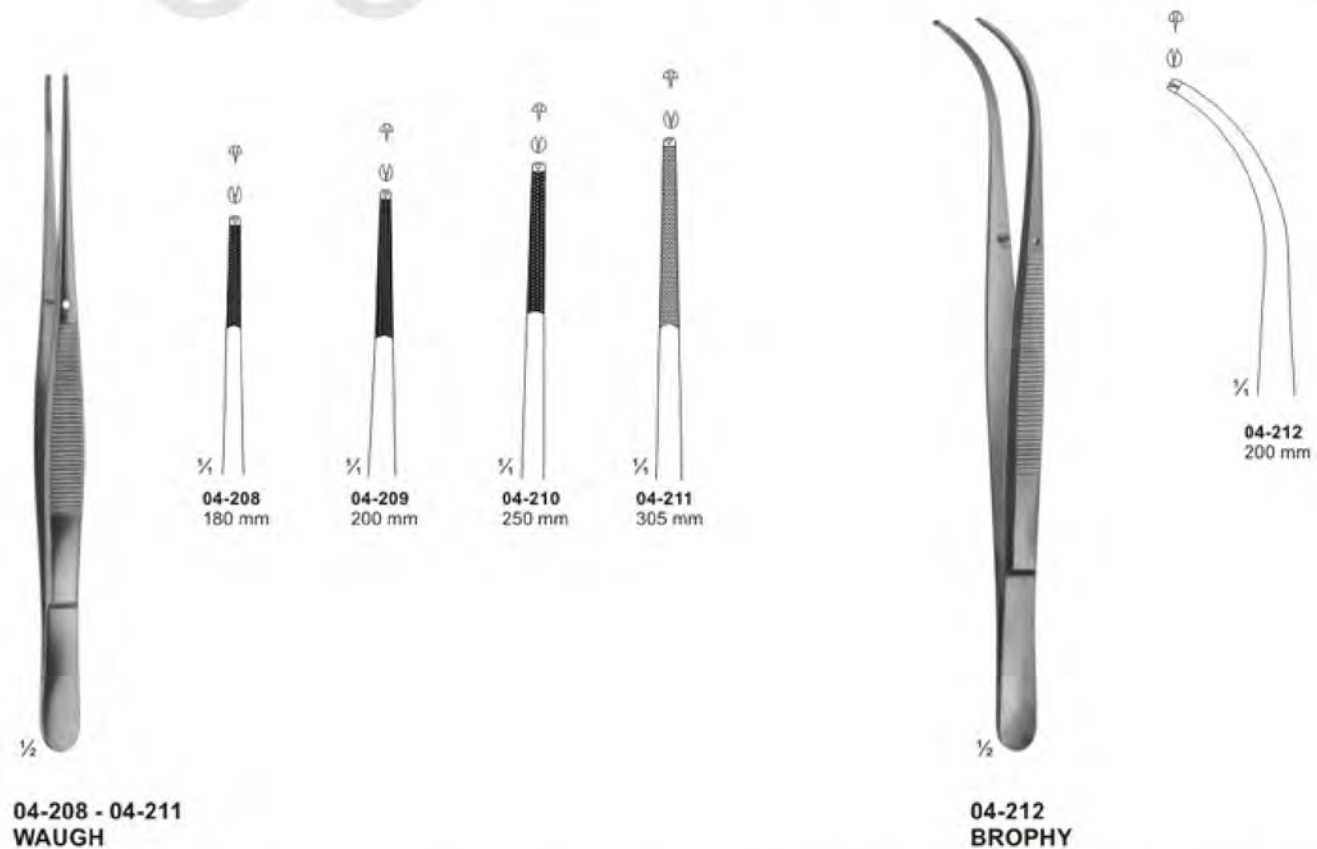
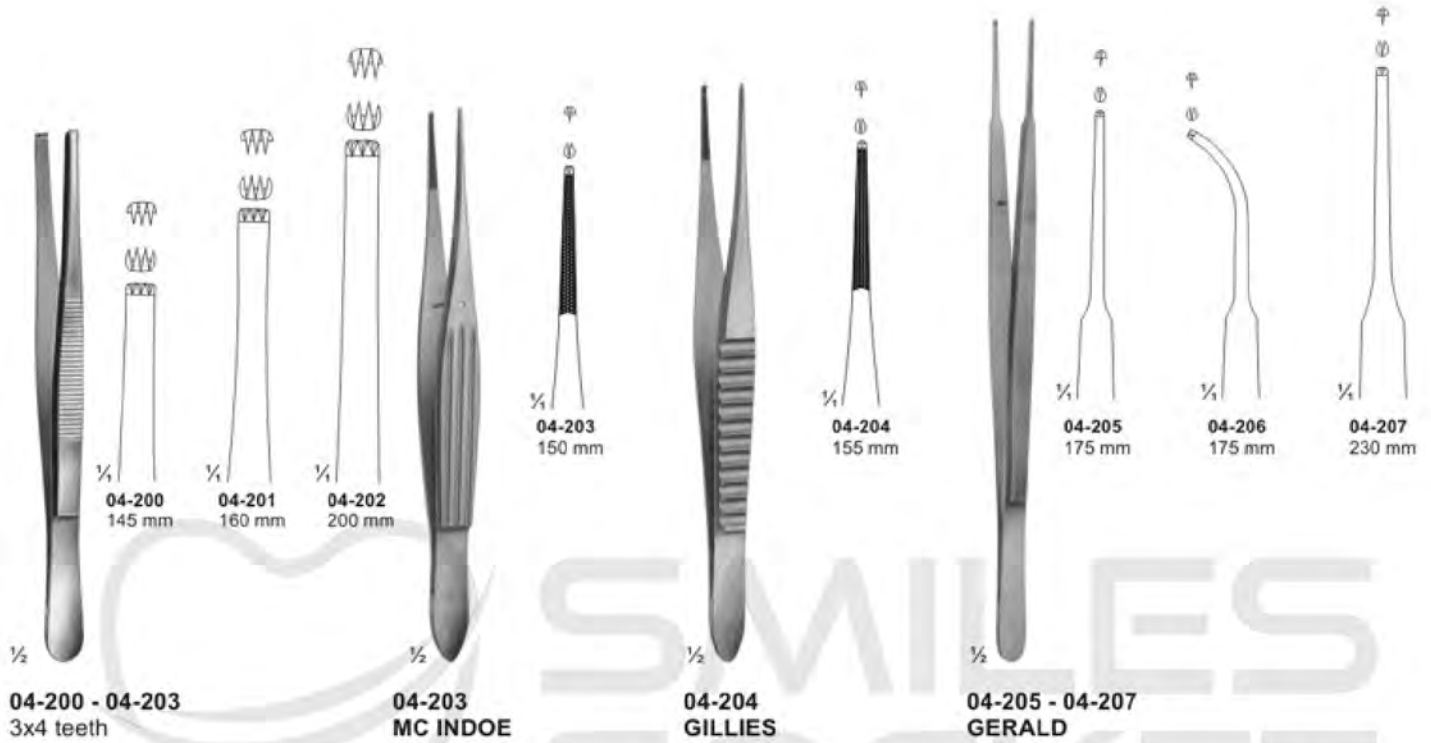


04-198
ADSON
120 mm



04-199
ADSON
150 mm

Tissue Forceps



Tissue Forceps



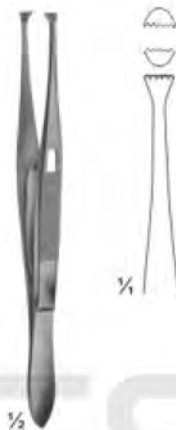
**04-213
ADSON - BROWN
Non-traumatic
120 mm**



**04-214
BROWN
120 mm**

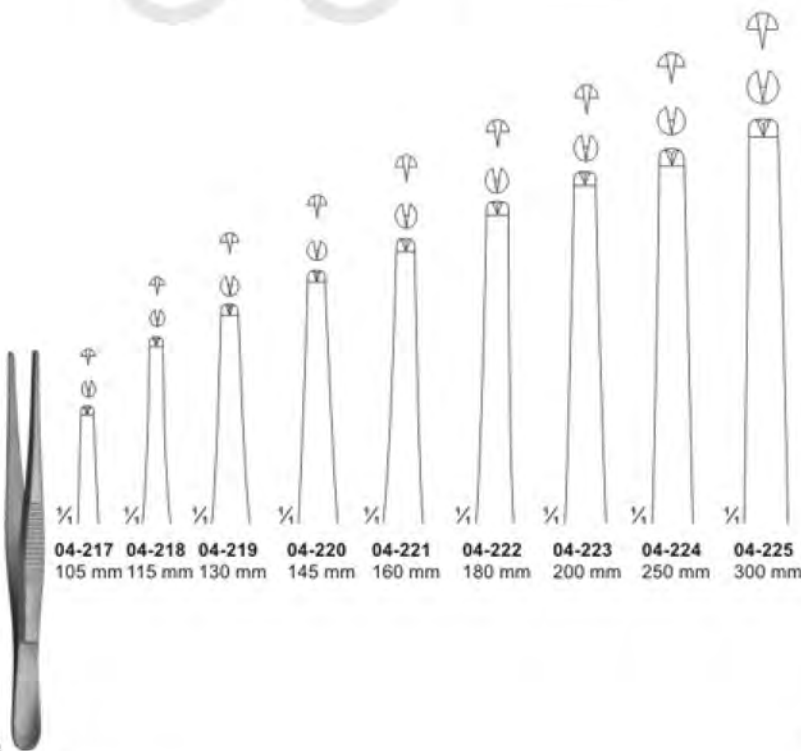


**04-215
GRAEFE
110 mm**

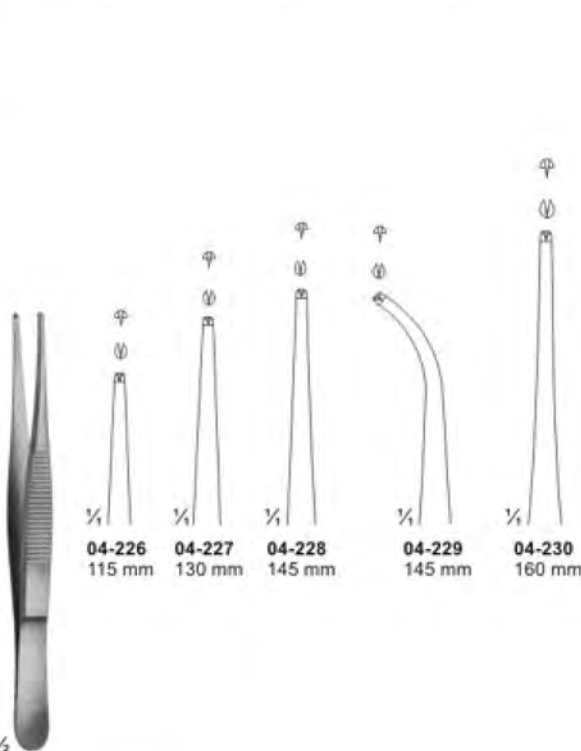


**04-216
GRAEFE
With Catch
110 mm**

SMILES
SOCKET



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



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

Forceps, Bayonet - Shaped



04-231
LUCAE
140 mm

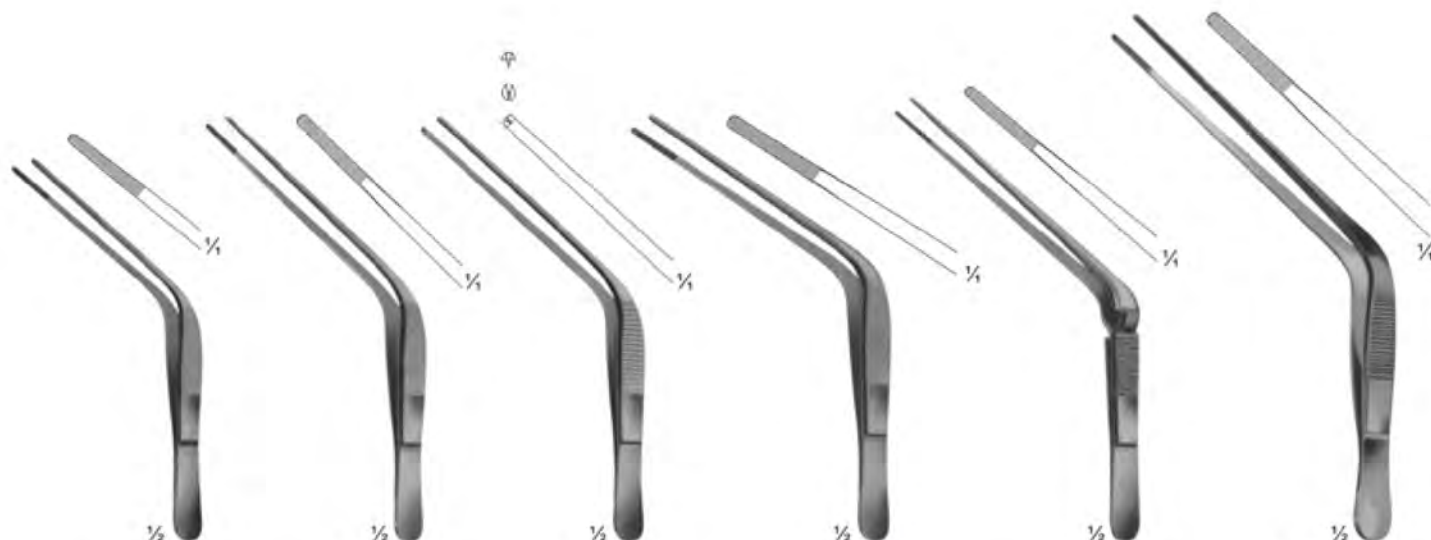
04-232
LUCAE
1x2 teeth
140 mm

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

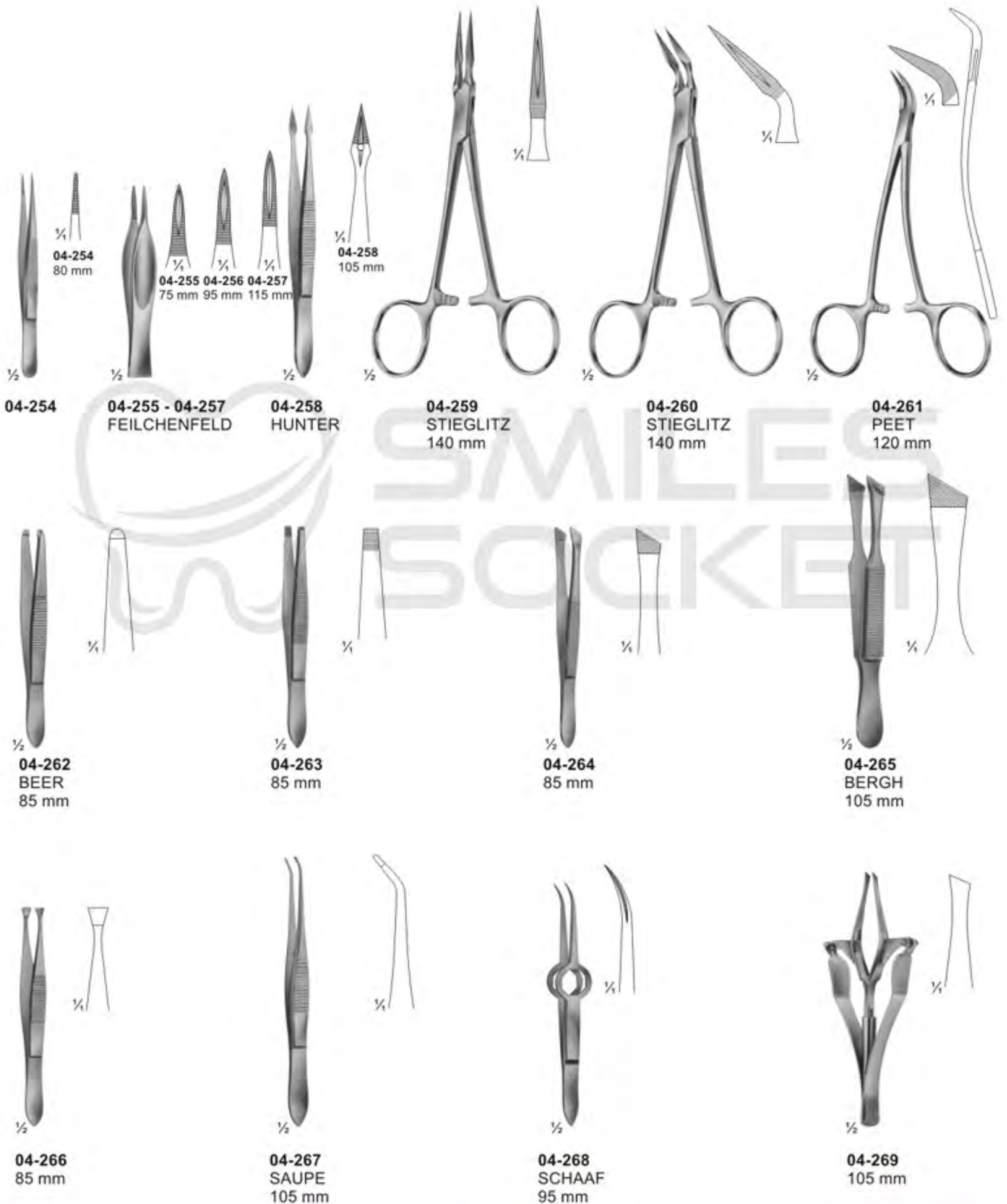
04-241
TROELTSCH
Cross action
120 mm

04-242
TROELTSCH
140 mm

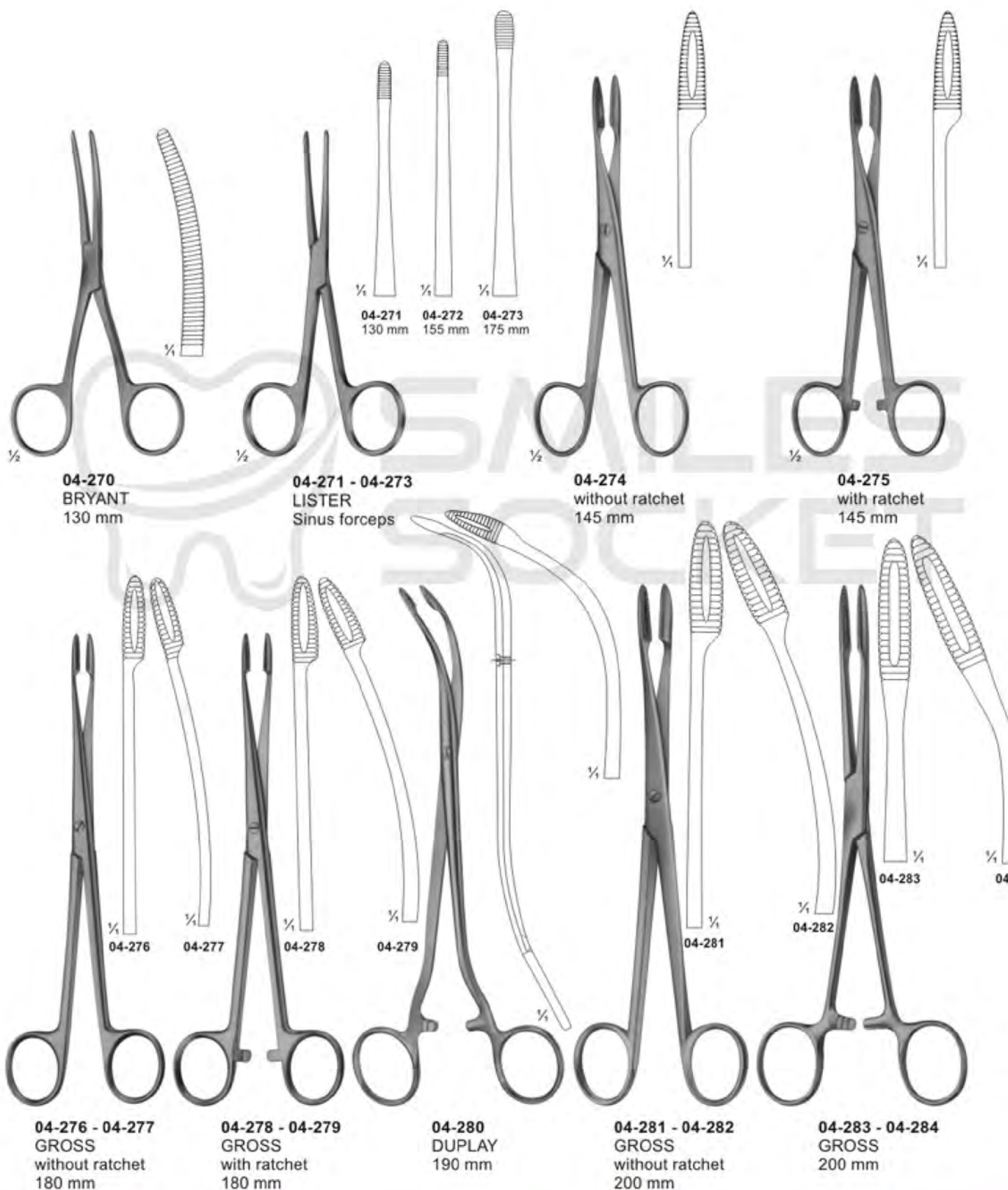
Tissue Forceps, Lung Dissecting Forceps



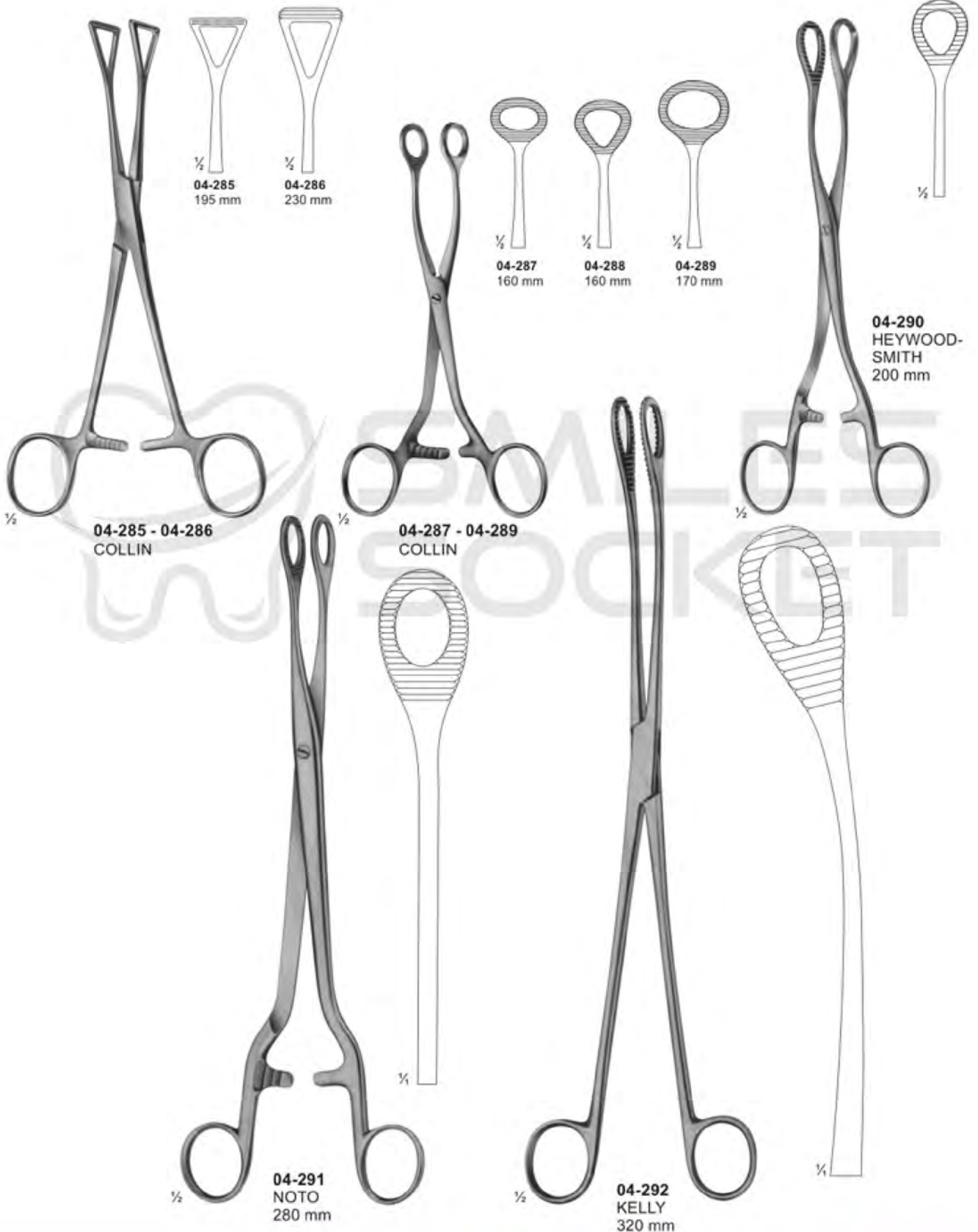
Splinter and Cilia Forceps



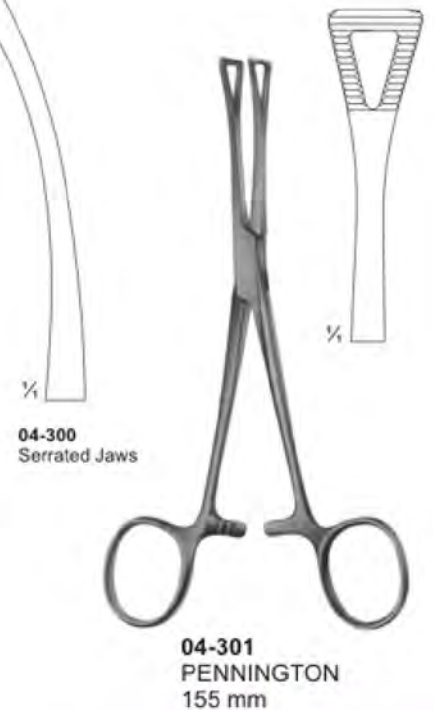
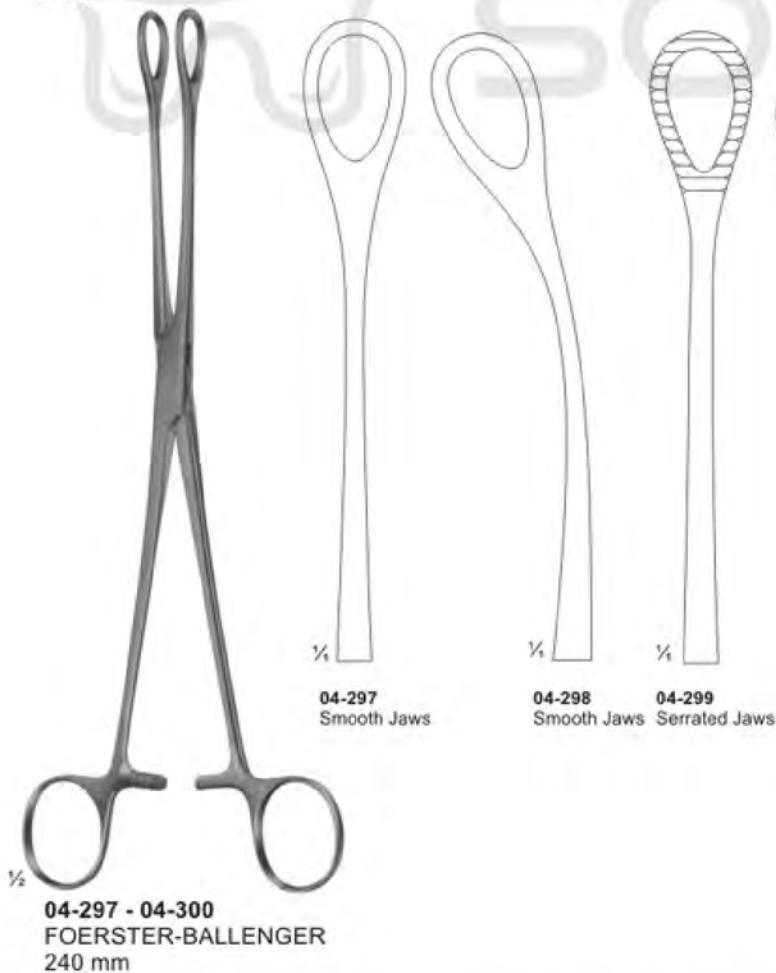
Sponge and Dressing Forceps



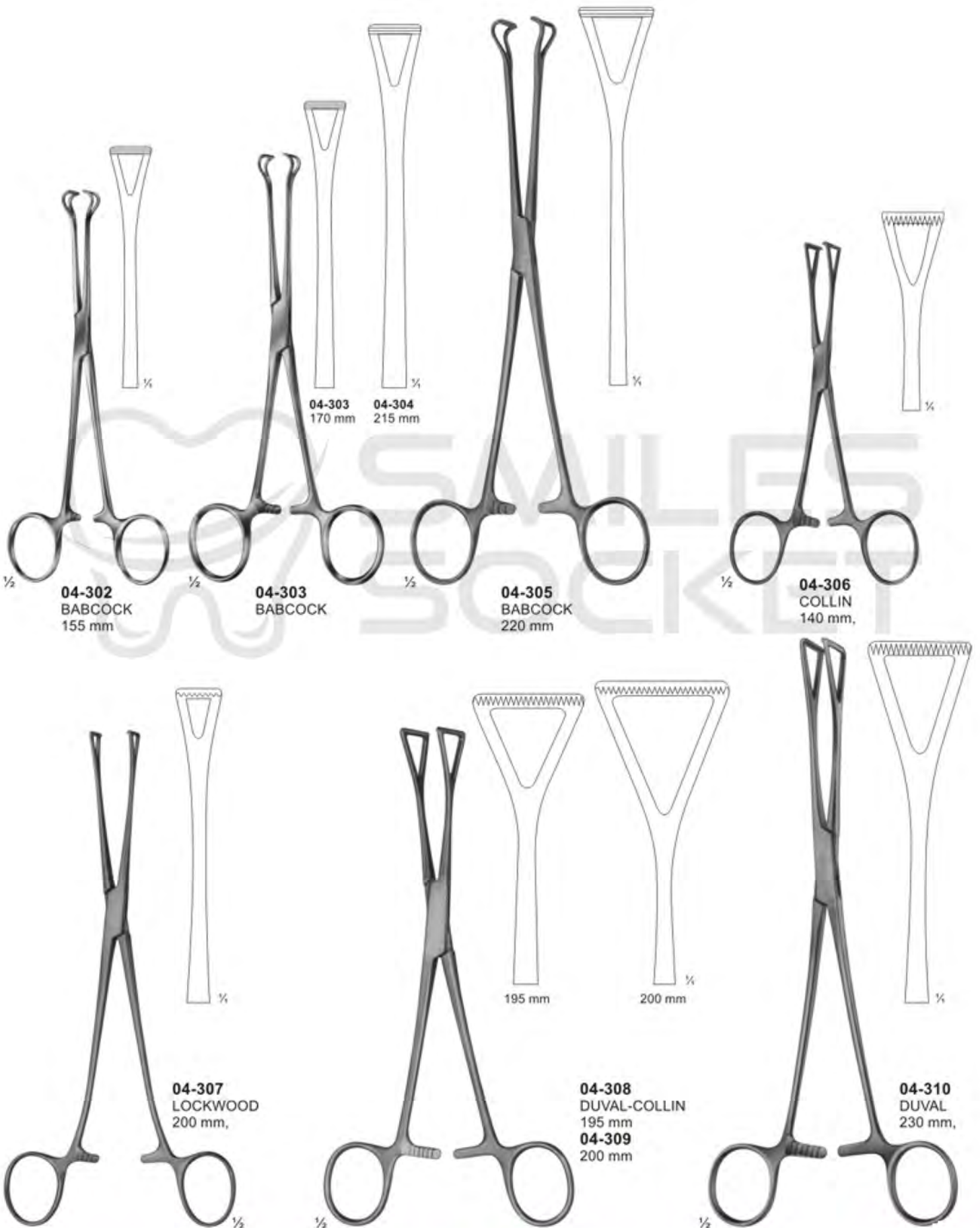
Dressing-, Sponge holding-, Organ- and Tissue Grasping Forceps



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



Intestinal Grasping Forceps



1/2 **04-302**
BABCOCK
155 mm

1/2 **04-303**
BABCOCK
170 mm

1/2 **04-304**
BABCOCK
215 mm

1/2 **04-305**
BABCOCK
220 mm

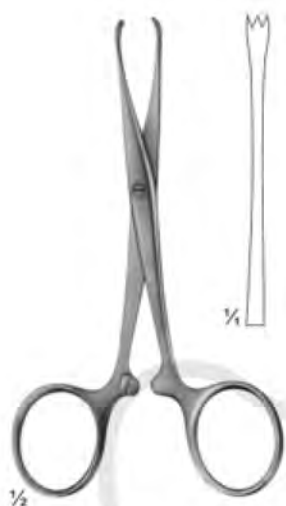
1/2 **04-306**
COLLIN
140 mm,

1/2 **04-307**
LOCKWOOD
200 mm,

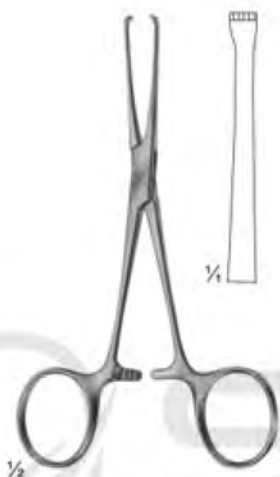
1/2 **04-308**
DUVAL-COLLIN
195 mm
04-309
DUVAL-COLLIN
200 mm

1/2 **04-310**
DUVAL
230 mm,

Artery Traction - and Tissue Grasping Forceps



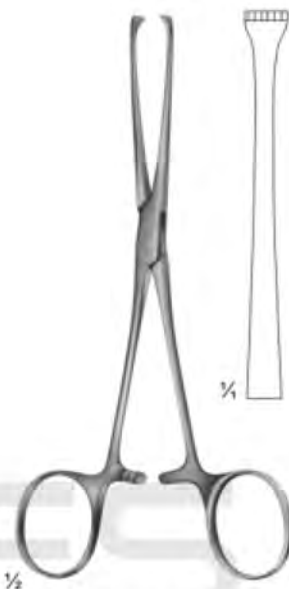
**04-311
CHAPUT**
2 x 3 teeth
125 mm



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



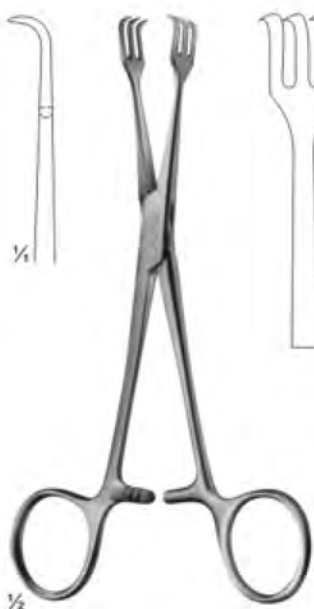
**04-313
BOYS-ALLIS**
5 x 6 teeth sharp
155 mm



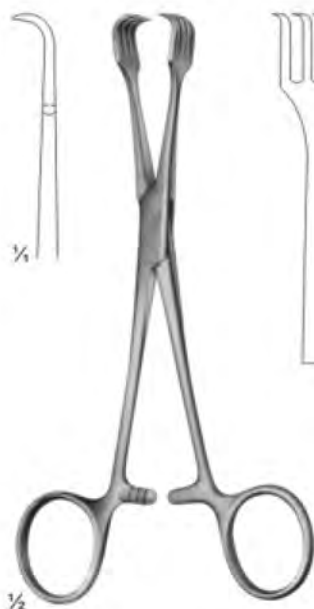
**04-314
ALLIS**
5 x 6 teeth
155 mm



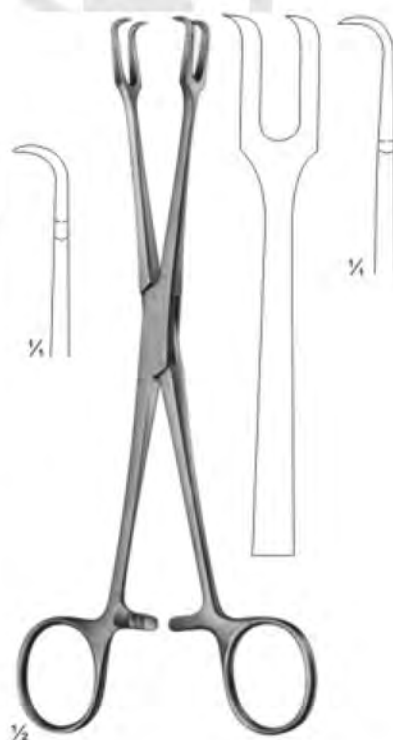
**04-315
LAHEY**
155 mm



**04-316
LAHEY**
155 mm

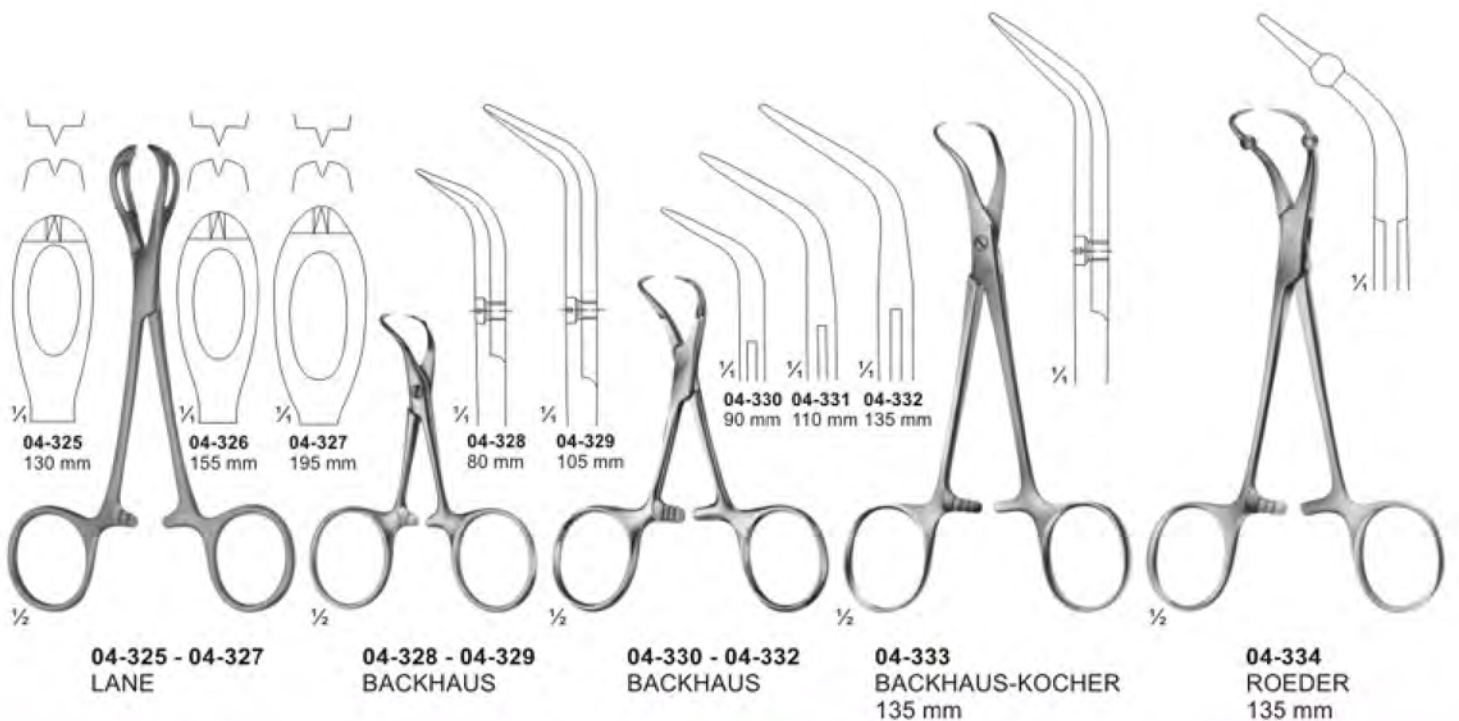


**04-317
BRAUN**
155 mm



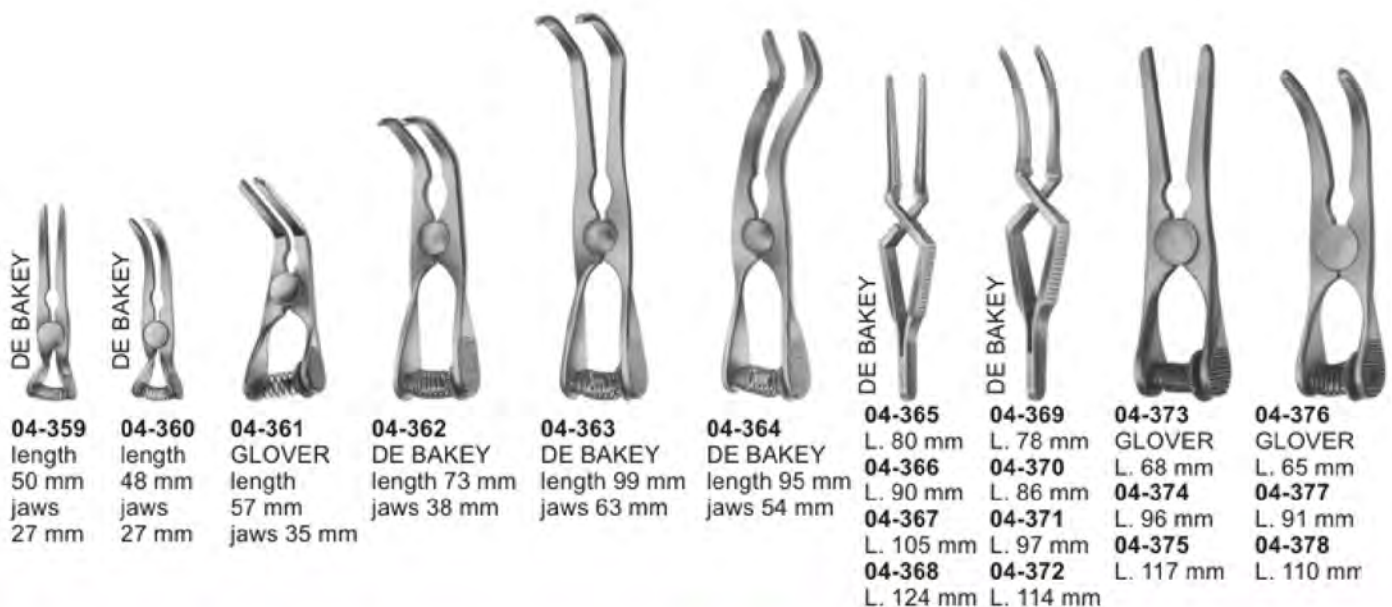
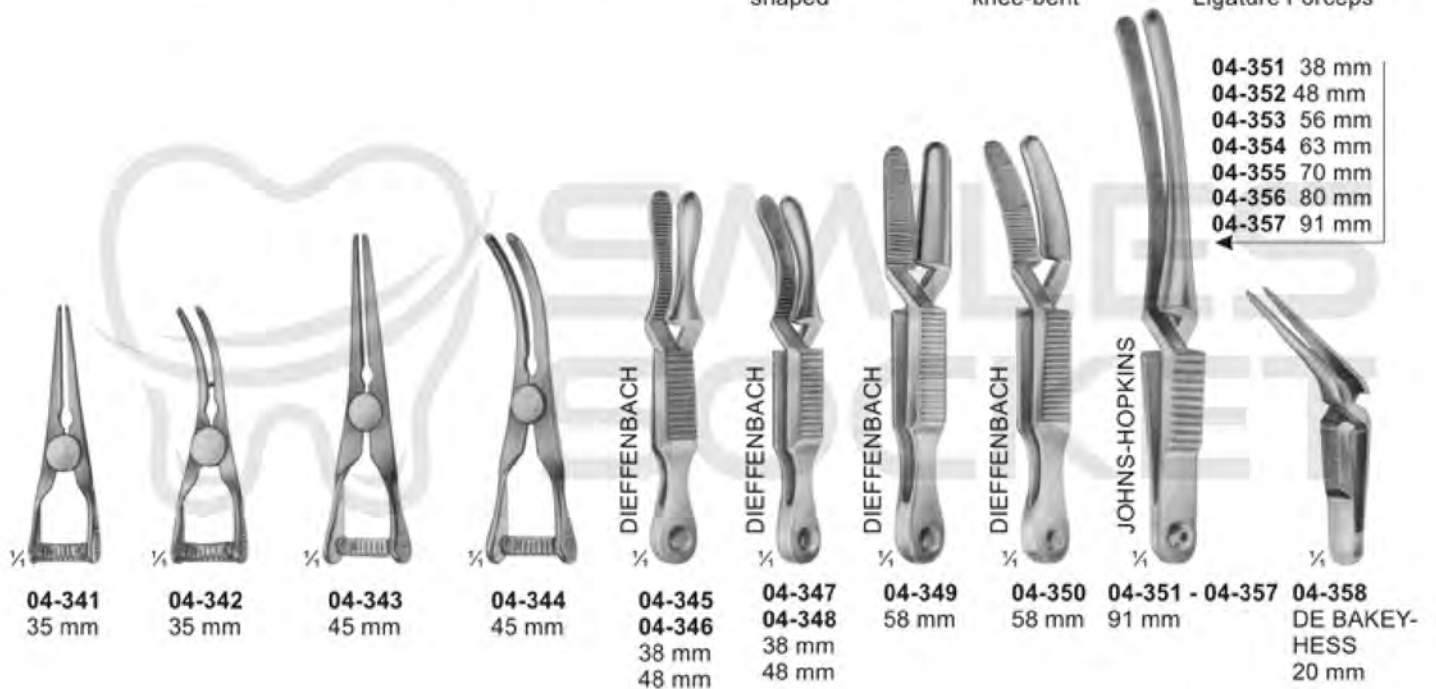
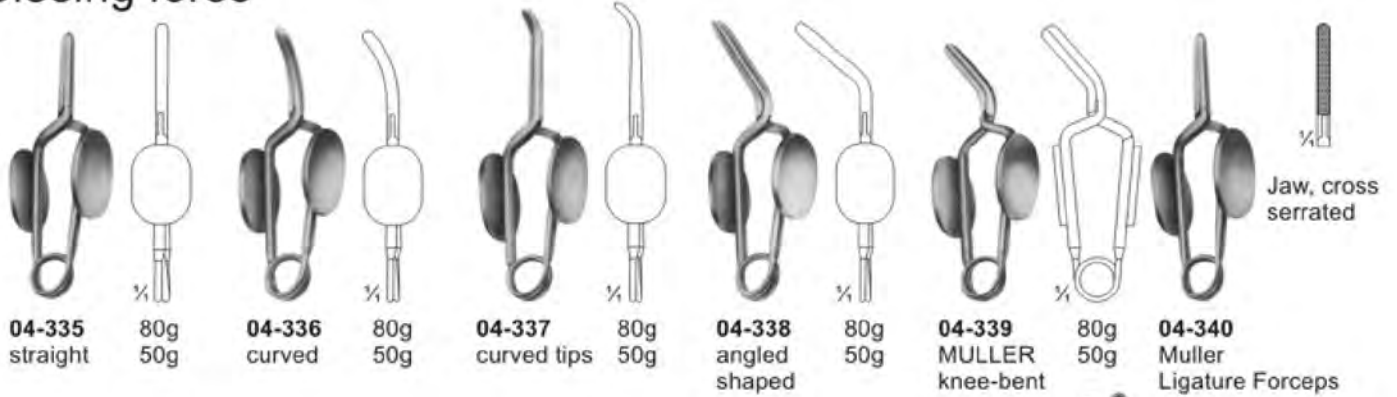
**04-318
MUSEUX**
200 mm

Towel Clamps

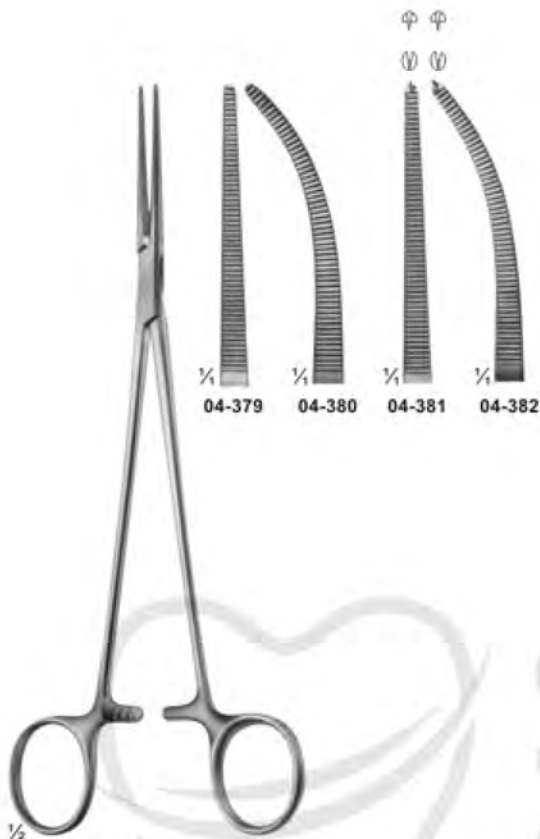


Muller Vessel Clips and Bulldog Clamps

Closing force



Delicate Haemostatic Forceps



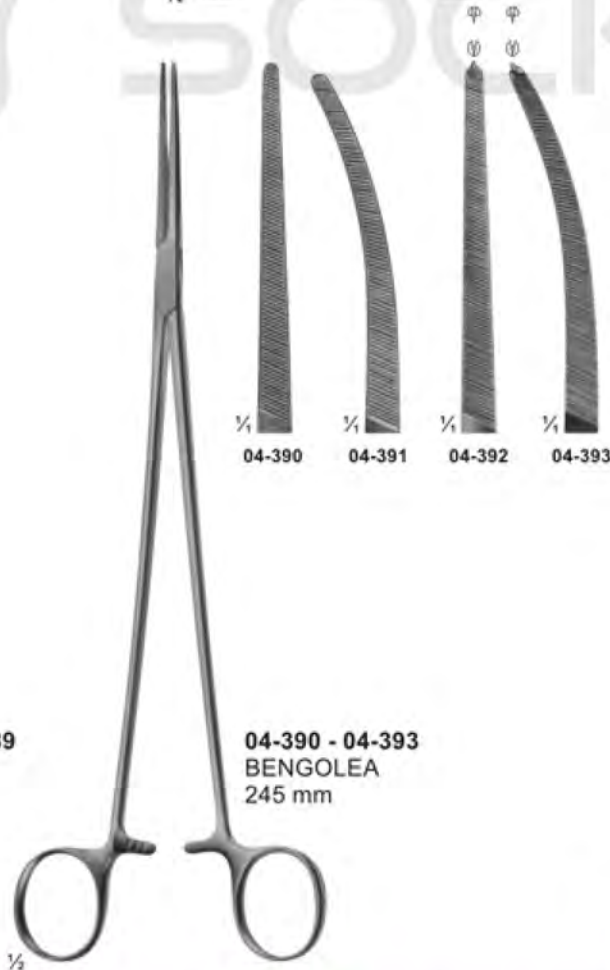
04-379 - 04-382
HALSTED-MOSQUITO
200 mm



04-383 - 04-387
HEISS
200 mm



04-388 - 04-389
HALSTED
215 mm



04-390 - 04-393
BENGOLEA
245 mm

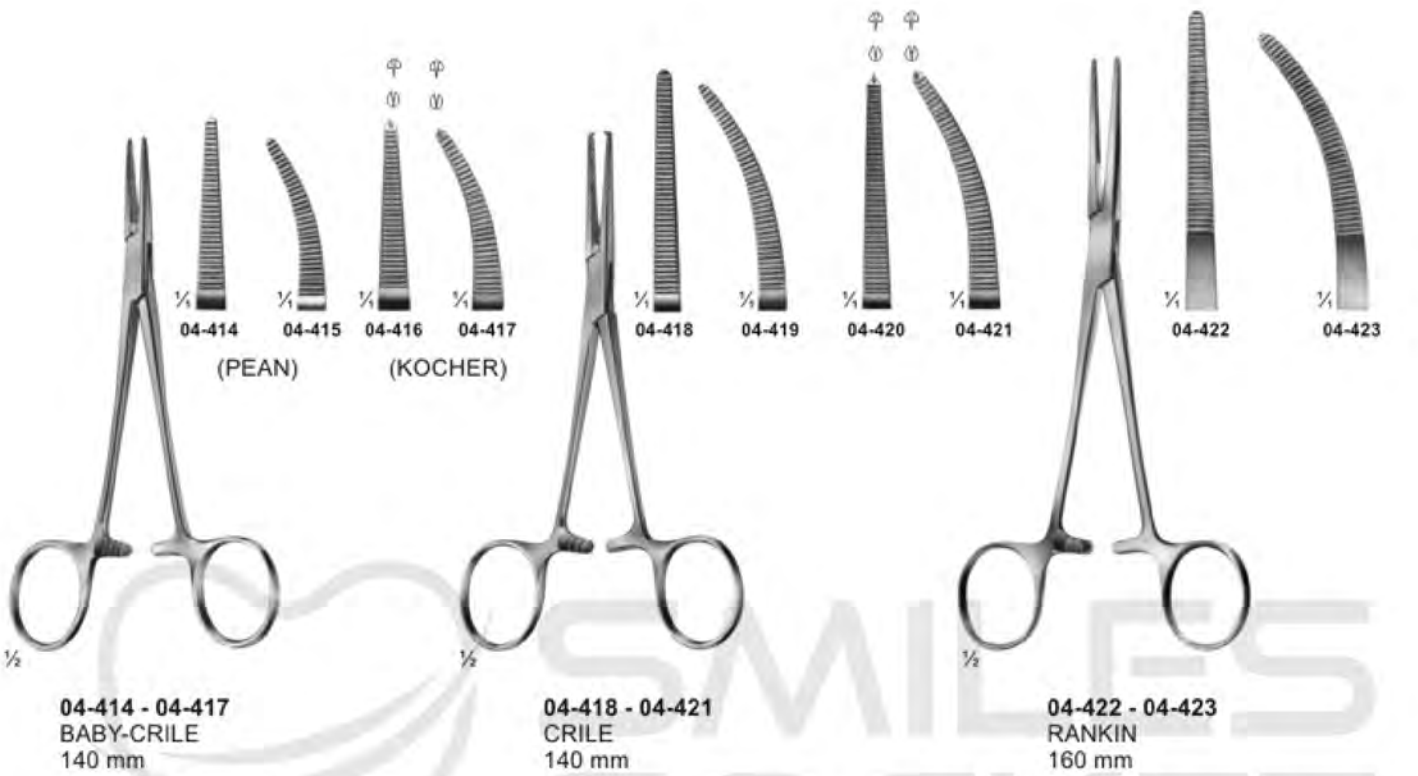


04-394
CRAFOORD
245 mm

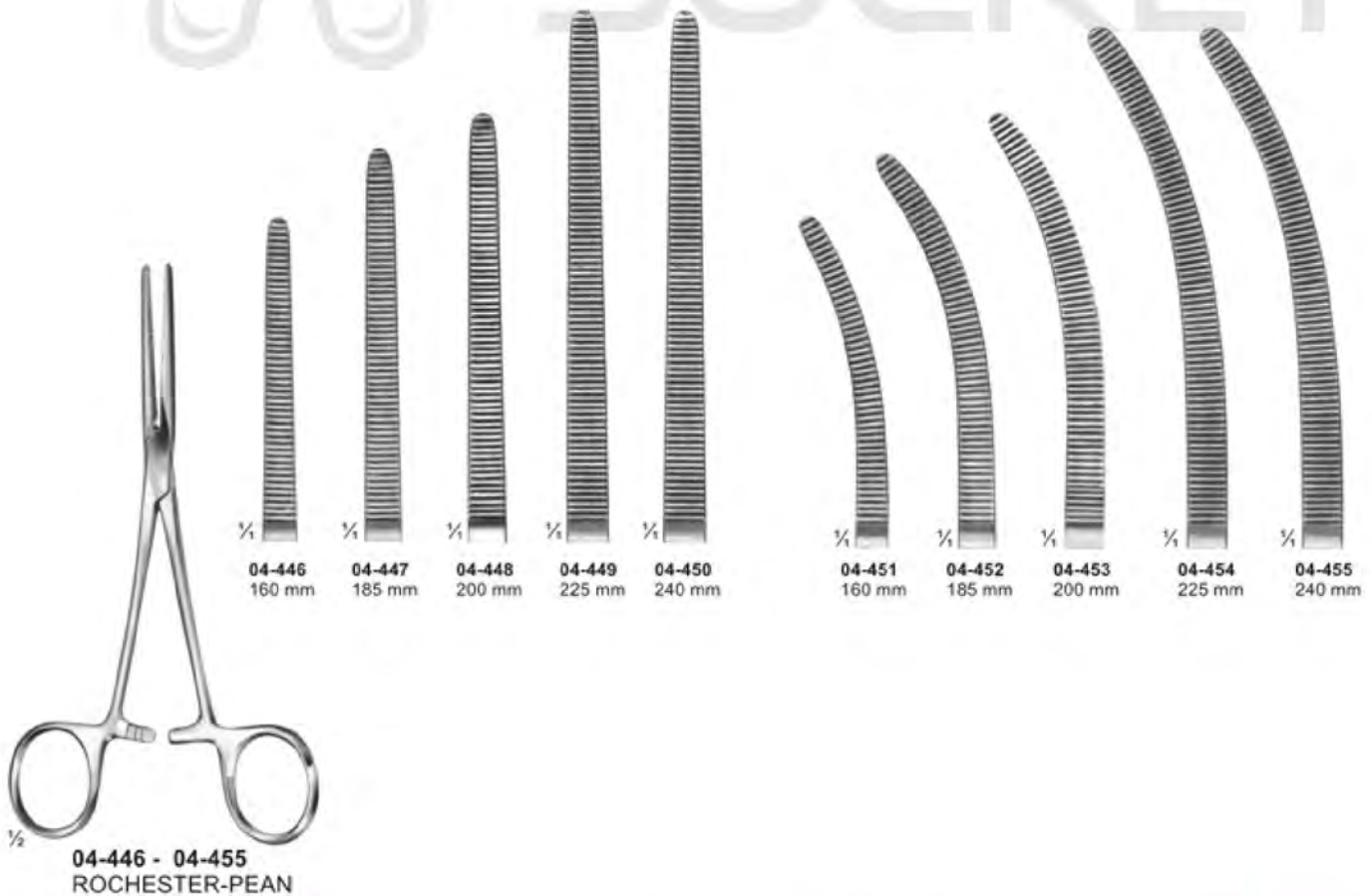
Delicate Haemostatic Forceps



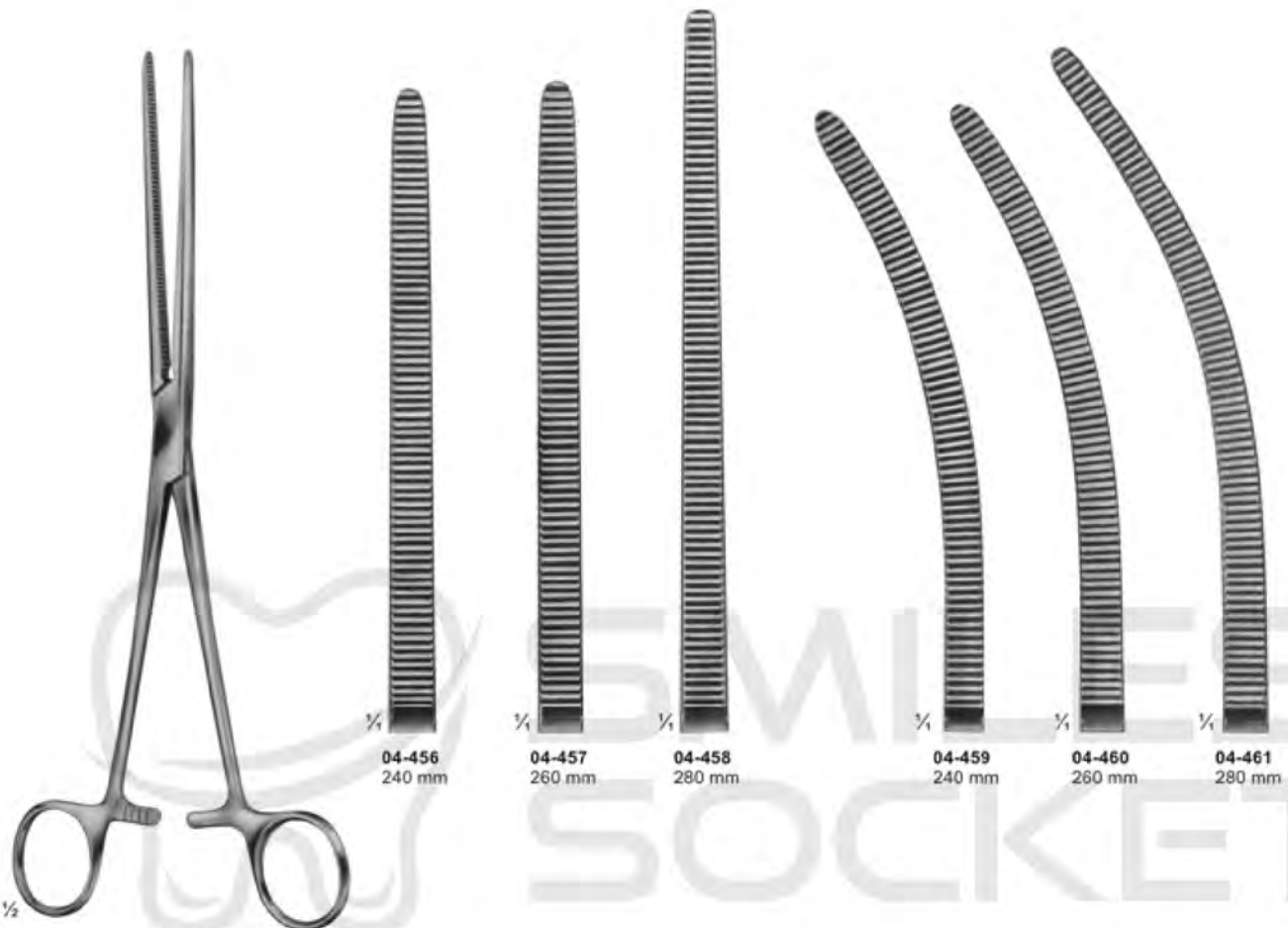
Delicate Haemostatic Forceps



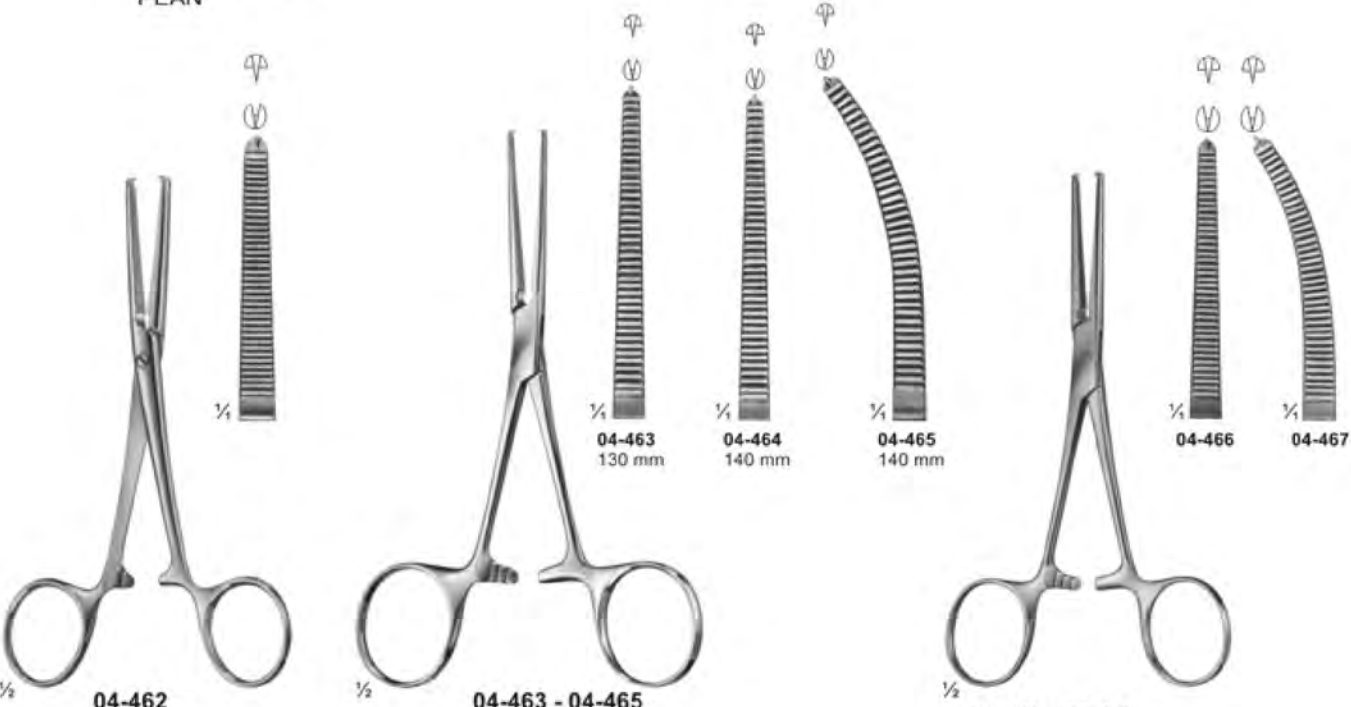
Haemostatic Forceps



Haemostatic Forceps



**04-456 - 04-461
PEAN**

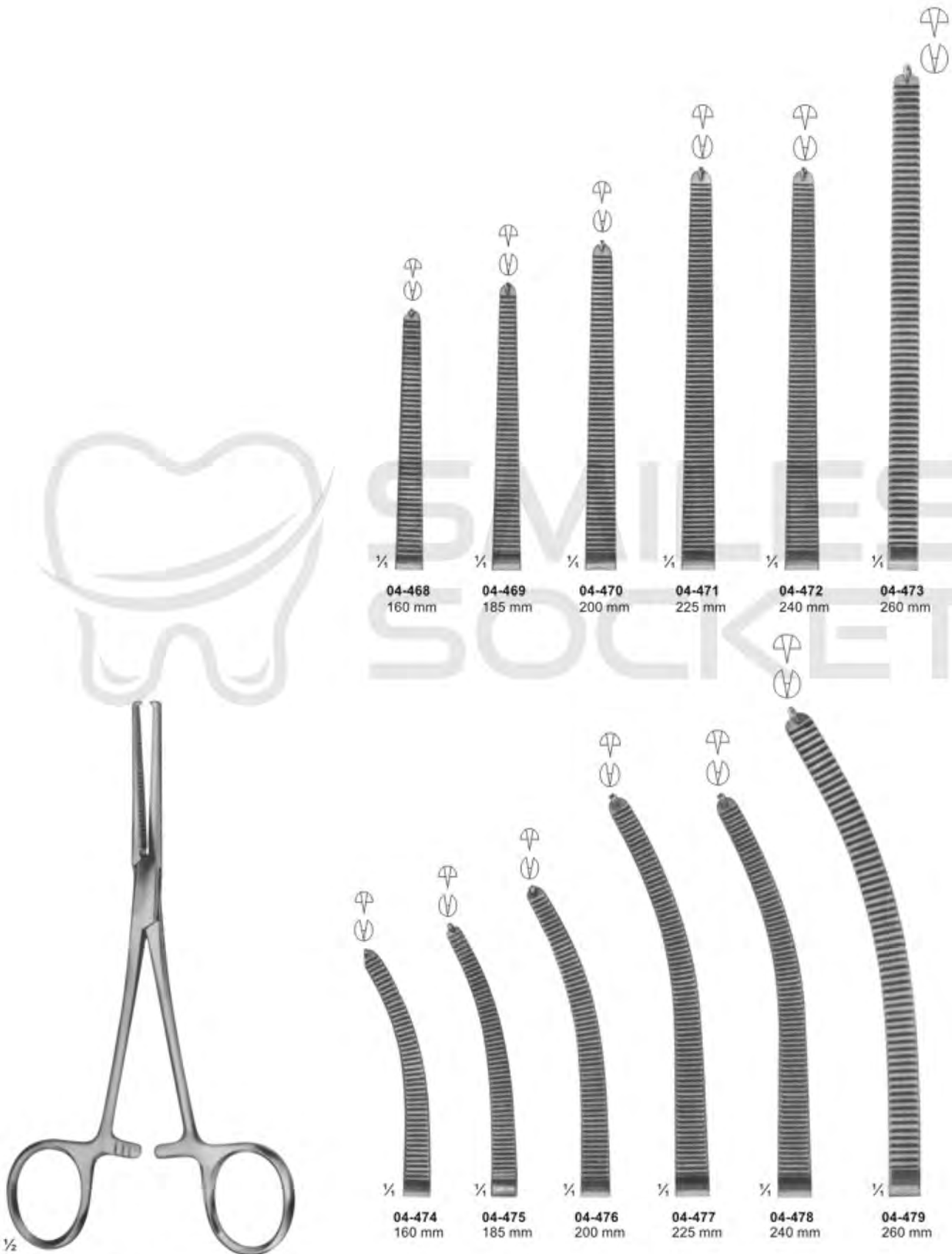


**04-462
KOCHER
Strong Pattern
145 mm**

**04-463 - 04-465
KOCHER**

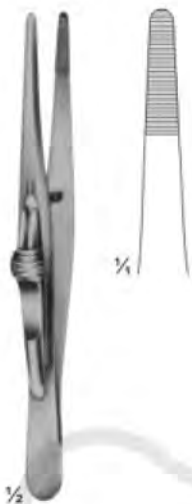
**04-466 - 04-467
ROCHESTER-OCHSNER
140 mm**

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
125 mm



04-484
140 mm

04-483 - 04-484
PEAN



04-485
PEAN
125 mm



04-486
165 mm

04-487
185 mm

04-486 - 04-487
PEAN

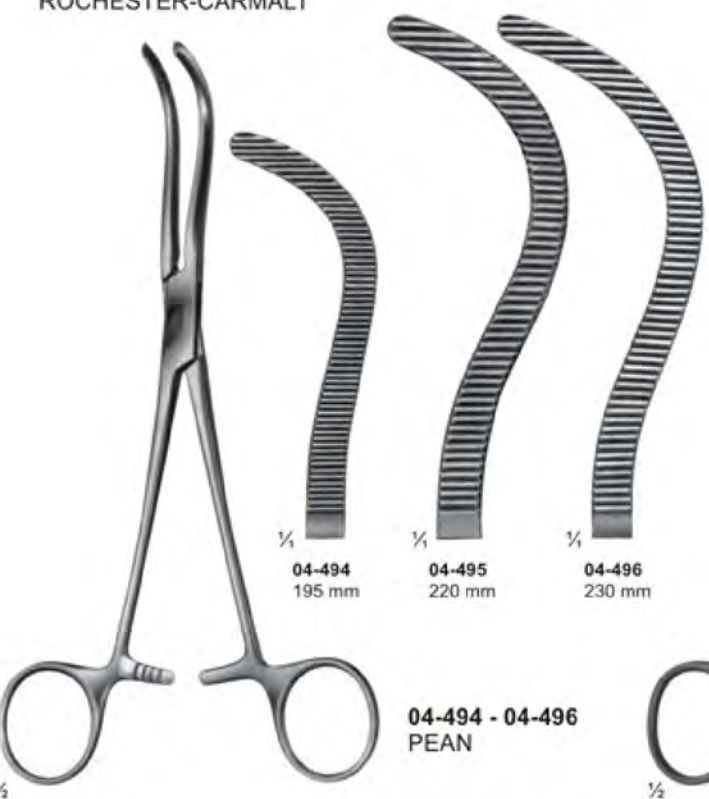
Haemostatic Forceps, Special Pattern, Tonsil Forceps



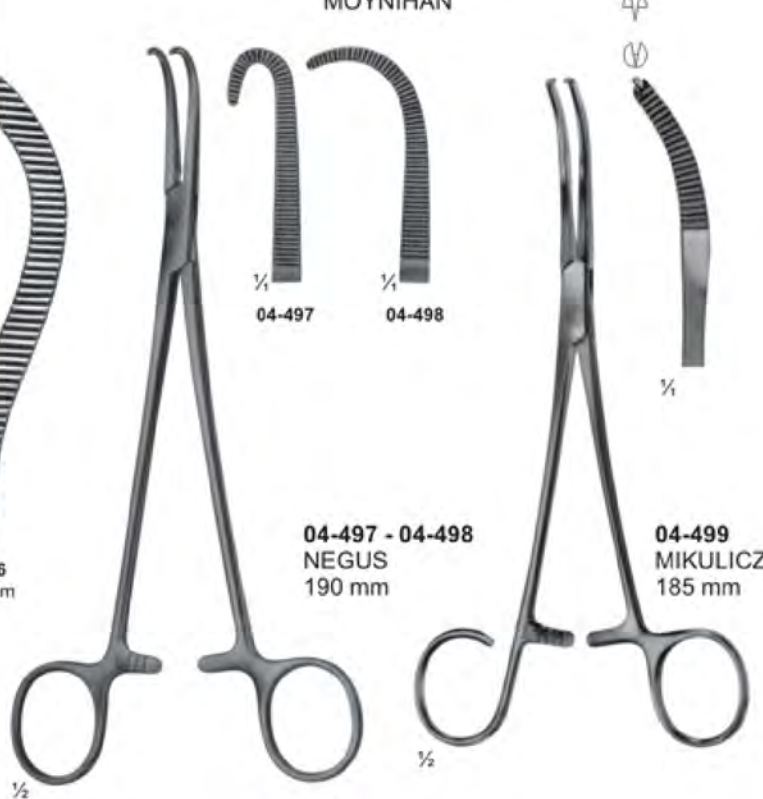
**04-488 - 04-491
ROCHESTER-CARMALT**



**04-492 - 04-493
MOYNIHAN**



**04-494 - 04-496
PEAN**



**04-497 - 04-498
NEGUS
190 mm**

**04-499
MIKULICZ
185 mm**

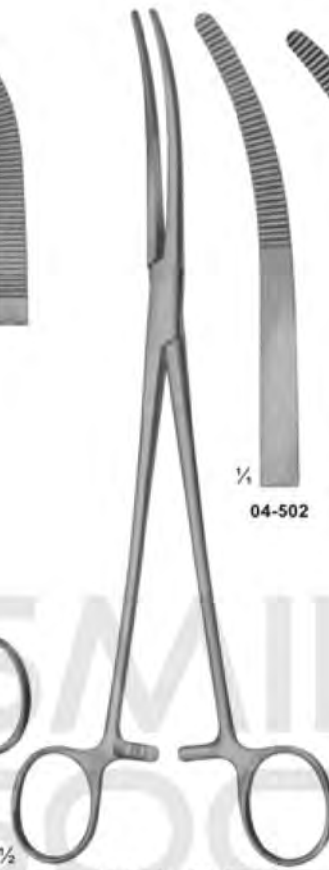
Dissecting- and Ligature Forceps



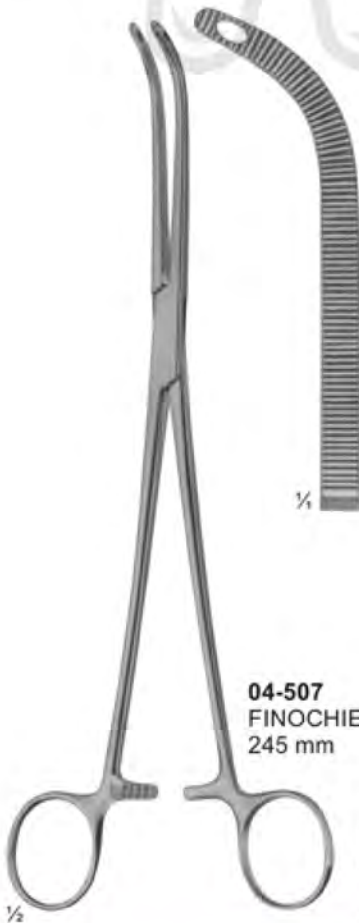
**04-500
MIXTER-O'SHAUGNESSY
190 mm**



**04-501
HEISS
195 mm**



**04-502 - 04-506
RUMEL
240 mm**



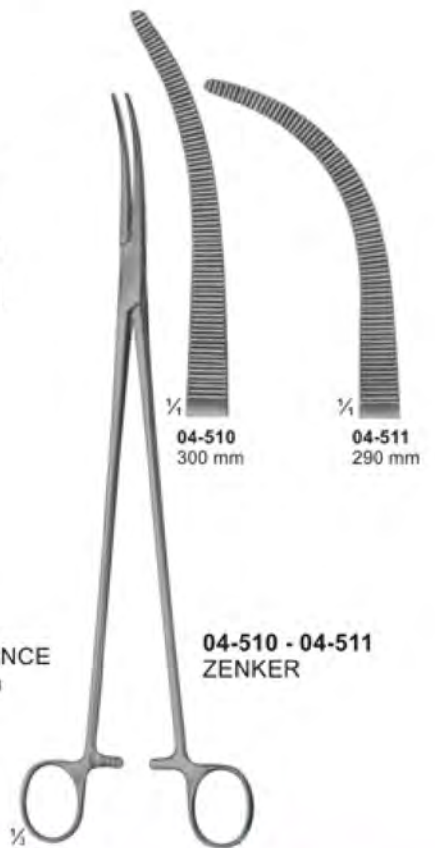
**04-507
FINOCHIETTO
245 mm**



**04-508
MIXTER
230 mm**



**04-509
LAWRENCE
270 mm**

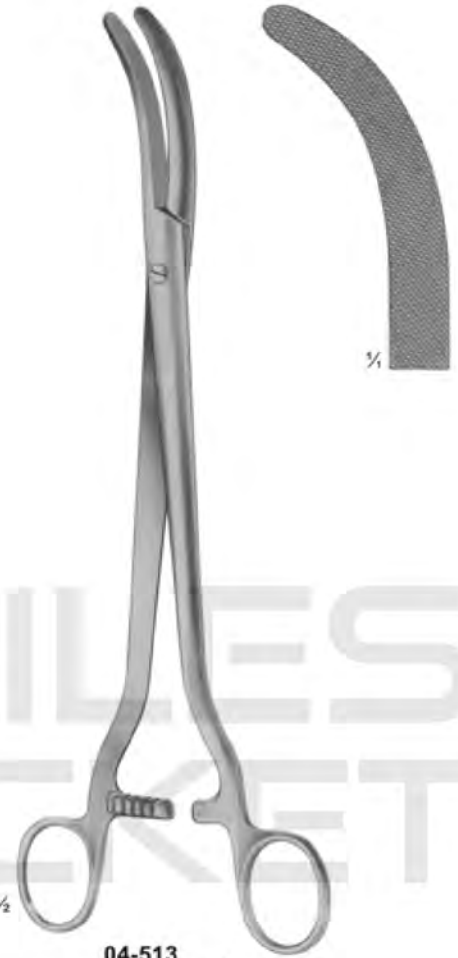


**04-510 - 04-511
ZENKER**

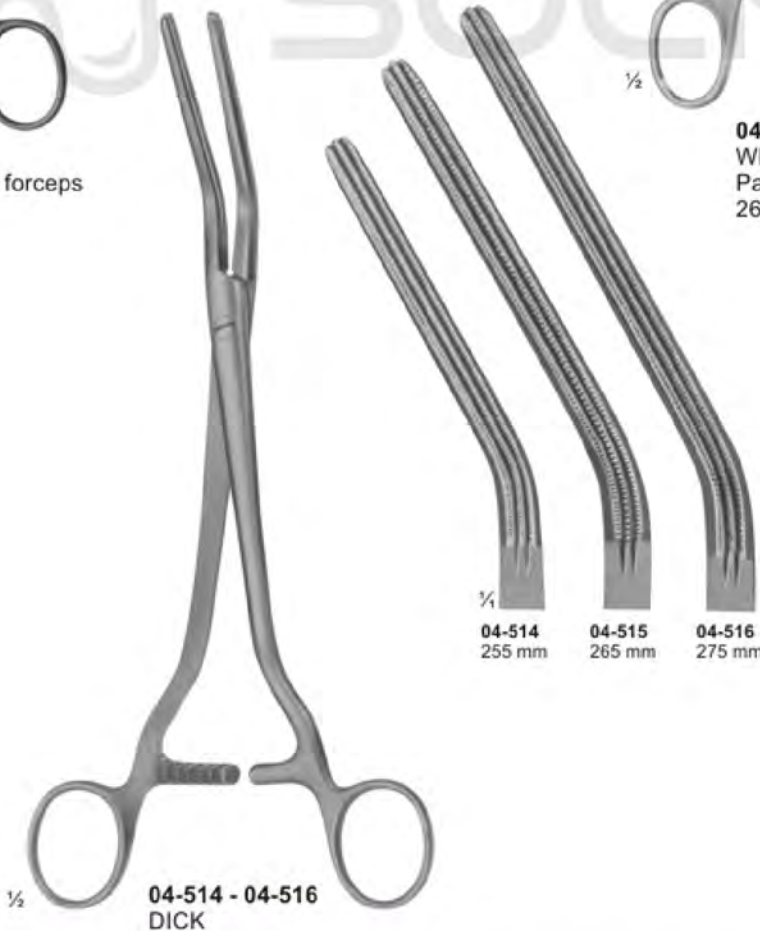
**Hysterectomy Forceps, Vaginal Clamps
and Compression Forceps**



04-512
WERTHEIM
Hysterectomy forceps
255 mm



04-513
WERTHEIM
Parametrium clamp
260 mm



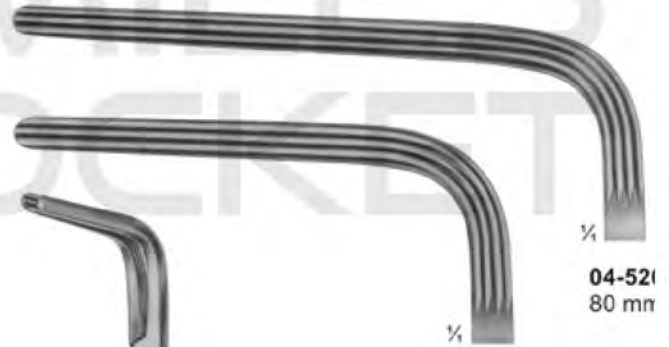
04-514 255 mm
04-515 265 mm
04-516 275 mm

04-514 - 04-516
DICK

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



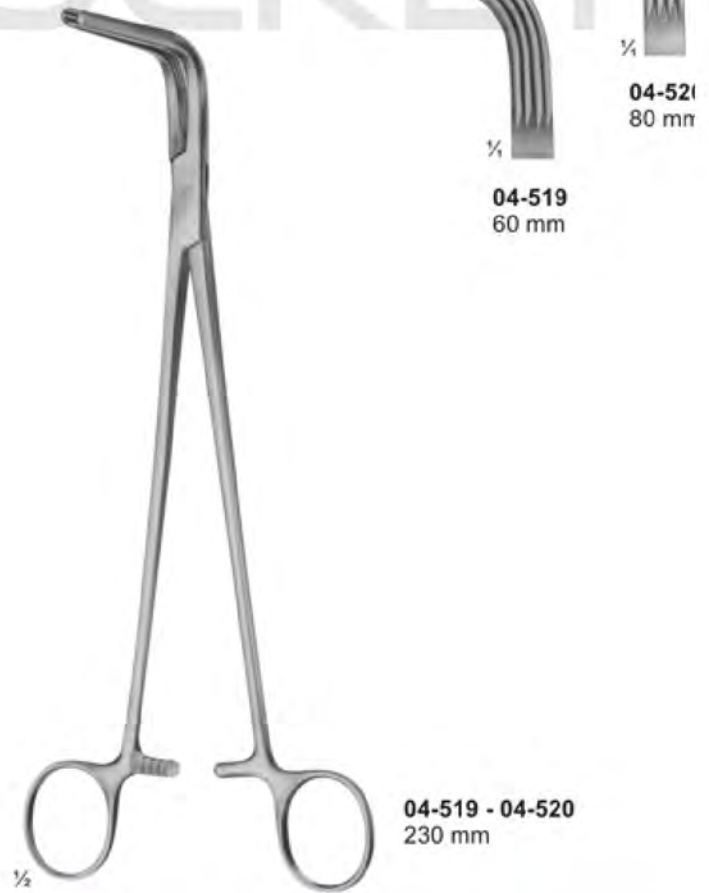
04-517
WERTHEIM
250 mm



04-521
80 mm



04-518
WERTHEIM-CULLEN
215 mm



04-519 - 04-520
230 mm

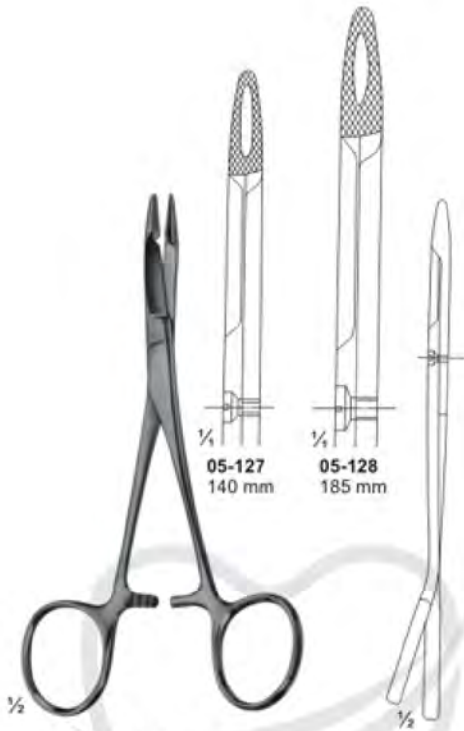
Needle Holders for micro surgery



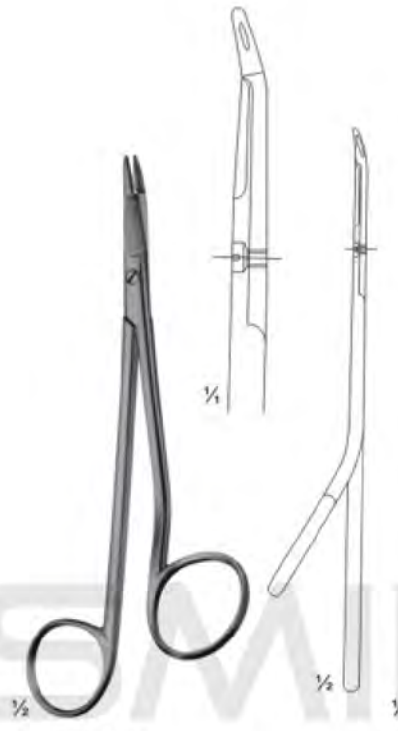
Needle Holders



Needle Holders



05-127 - 128
HEGAR-OLSEN
255 mm

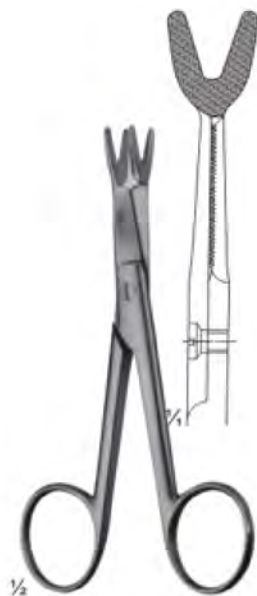


05-129
GILLIES
150 mm

05-130
GILLIES
160 mm



05-131
EISELSBERG
115 mm



05-132
SCHOEMAKER-LOTH
125 mm

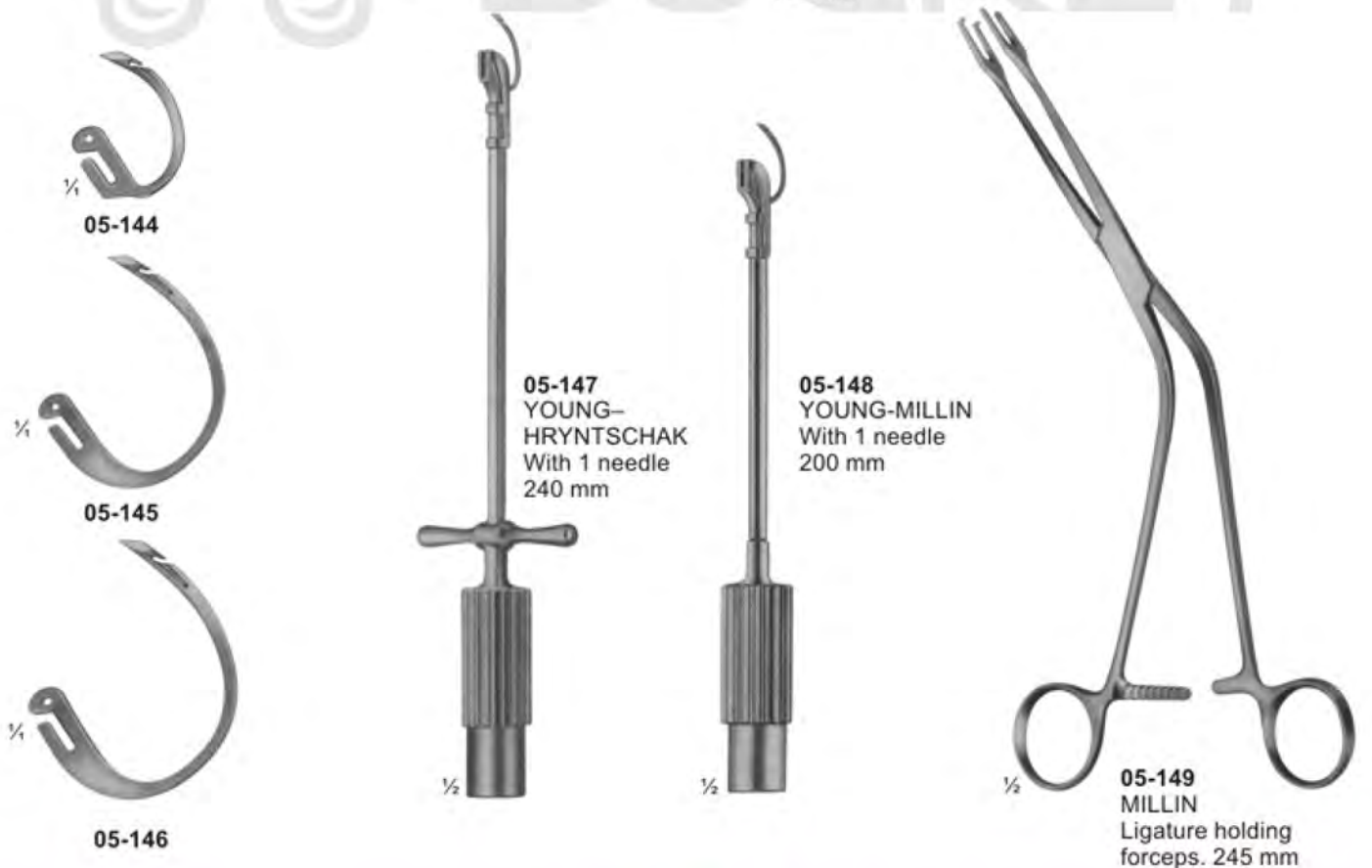


05-133
CRILE
150 mm



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

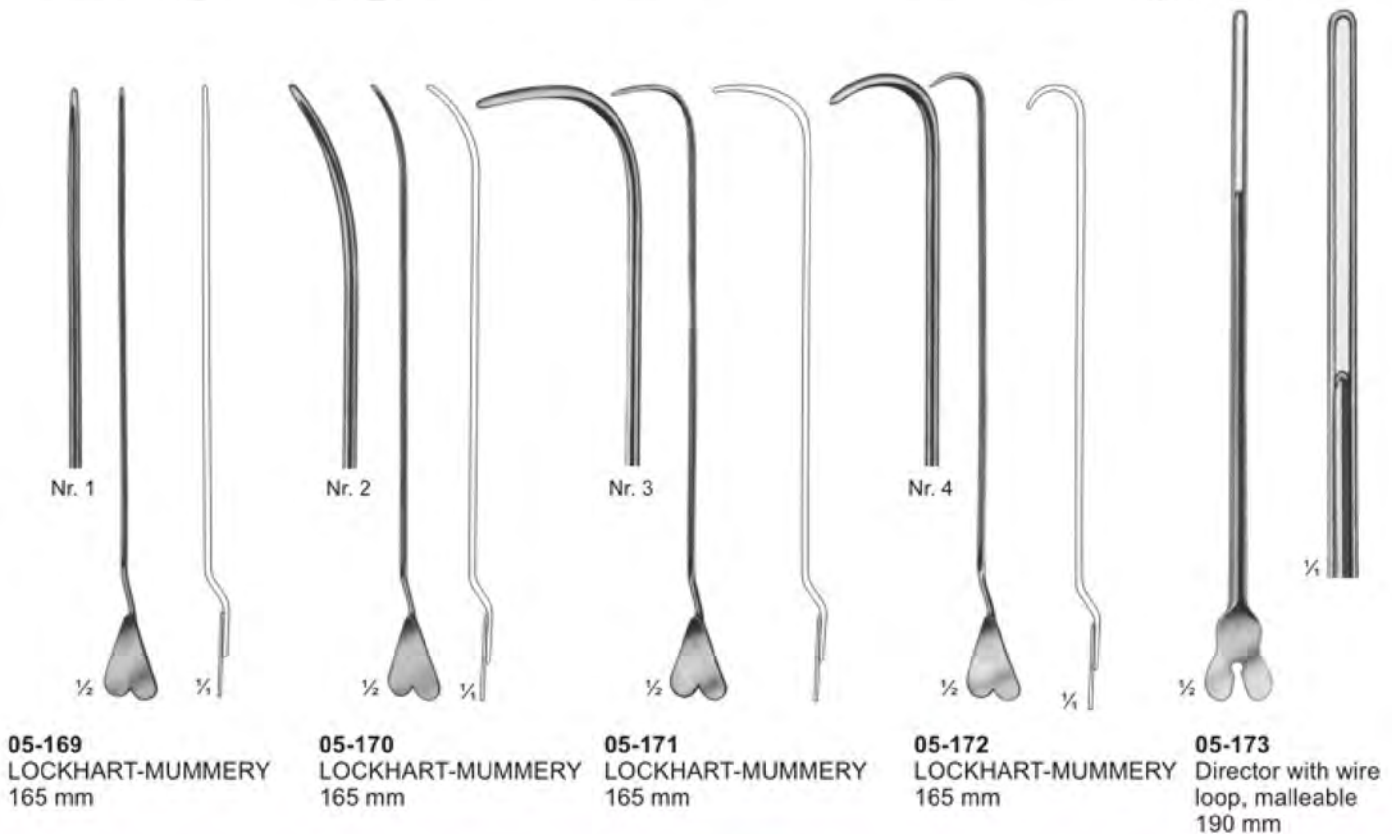
Needle Holders



Suture Instruments - Reverdin Needles



Probes



Probes

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



1,5 mm



2,0 mm



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

05-177
Myrtle leaf probe
145 mm

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

05-183
Probes

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



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



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



$\frac{1}{2}$ \varnothing tip
05-187 1,5 mm
05-188 2,0 mm
05-189 2,5 mm
300 mm



Suturing Instrument Set, Pocket Instrument Set



05-190

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



05-191

Pocket instrument set, in metal case consisting of:

Bottom tray

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



Top tray

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

05-192

Pocket instrument set, in metal case consisting of:

Bottom tray

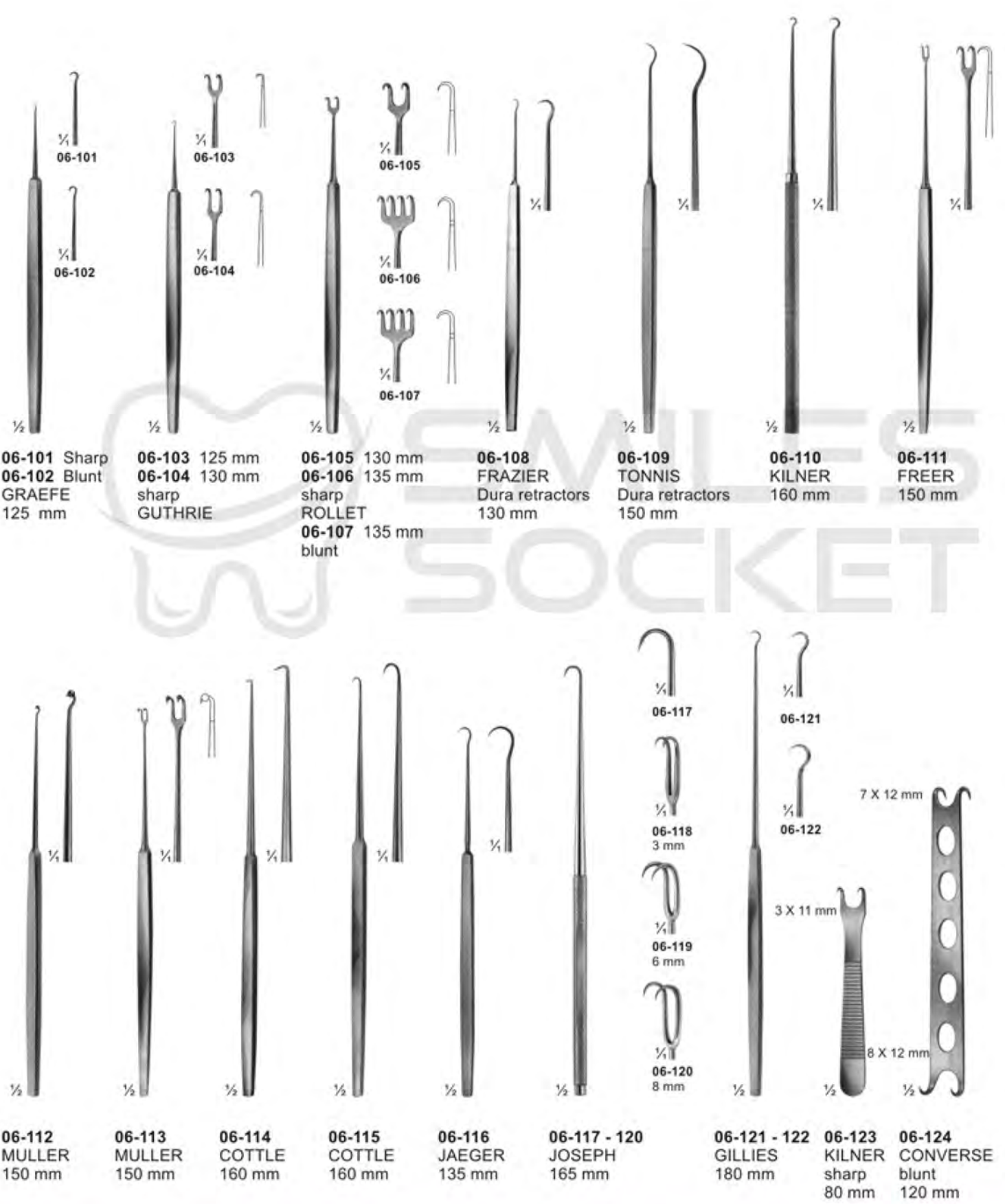
1 MAYO-HEGER needle holder, 150mm
1 MICHEL clip forceps, combined
1 Myrtle leaf probe, 130mm
1 Sharp double curette
1 Skin hook
1 Detachable scalpel handle, no. 4
1 Perforated metal case, consisting
6 Scalpel blades
1 Perforated metal case, stainless, consisting:
1 Suture needle
1 item, & 1 item

Top tray

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



Fine Wound Retractors (Dura- and Skin Retractors)



06-101 Sharp
06-102 Blunt
GRAEFE
125 mm

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

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

06-108
FRAZIER
Dura retractors
130 mm

06-109
TONNIS
Dura retractors
150 mm

06-110
KILNER
160 mm

06-111
FREER
150 mm

06-112
MULLER
150 mm

06-113
MULLER
150 mm

06-114
COTTLE
160 mm

06-115
COTTLE
160 mm

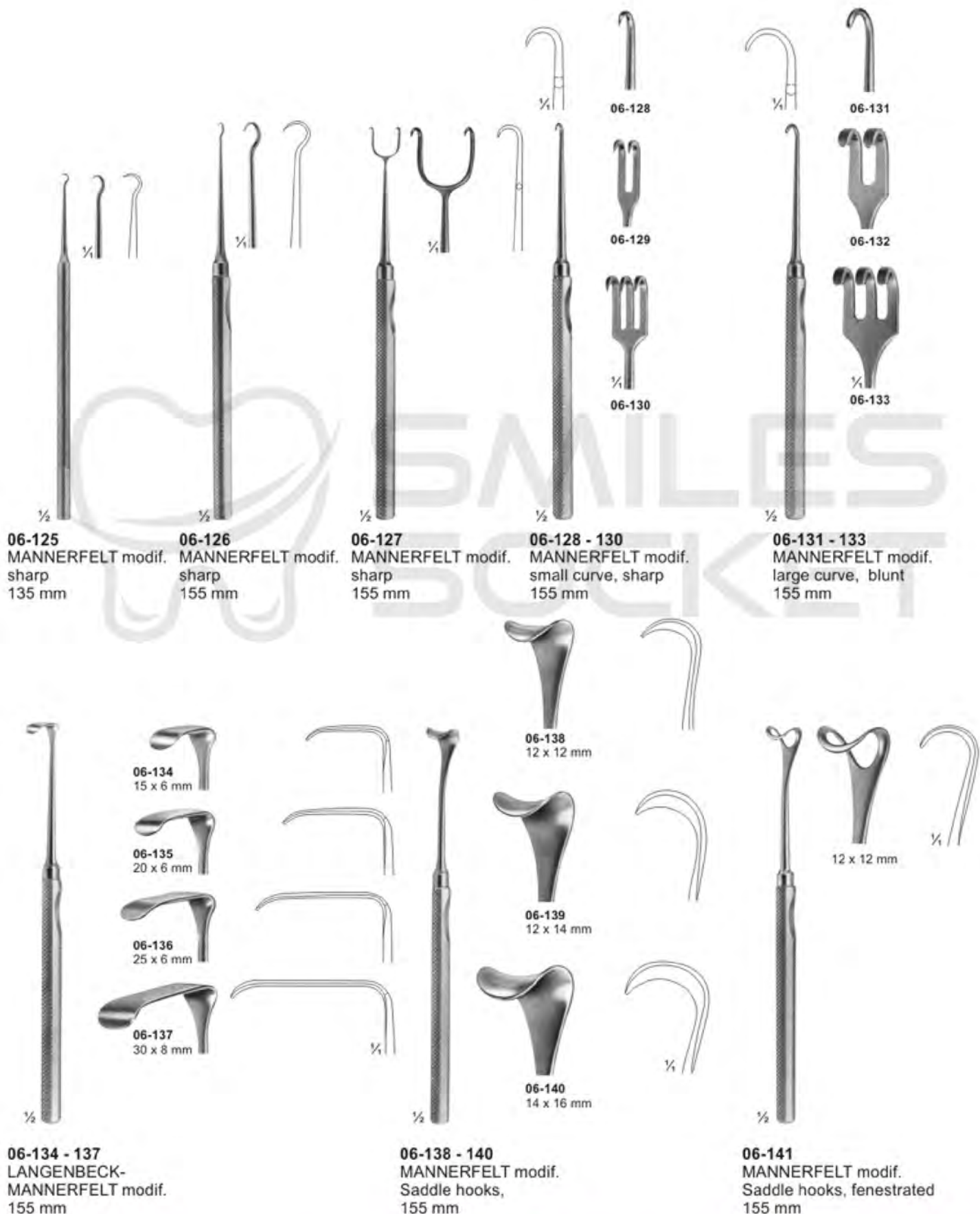
06-116
JAEGER
135 mm

06-117 - 120
JOSEPH
165 mm

06-117 3 mm
06-118 3 mm
06-119 6 mm
06-120 8 mm
06-121 - 122
GILLIES
180 mm

7 X 12 mm
3 X 11 mm
8 X 12 mm
06-123
KILNER
sharp
80 mm
06-124
CONVERSE
blunt
120 mm

Retractors With triangle handle



Retractors



Retractors



Retractors



Bone Retractors and Retractors



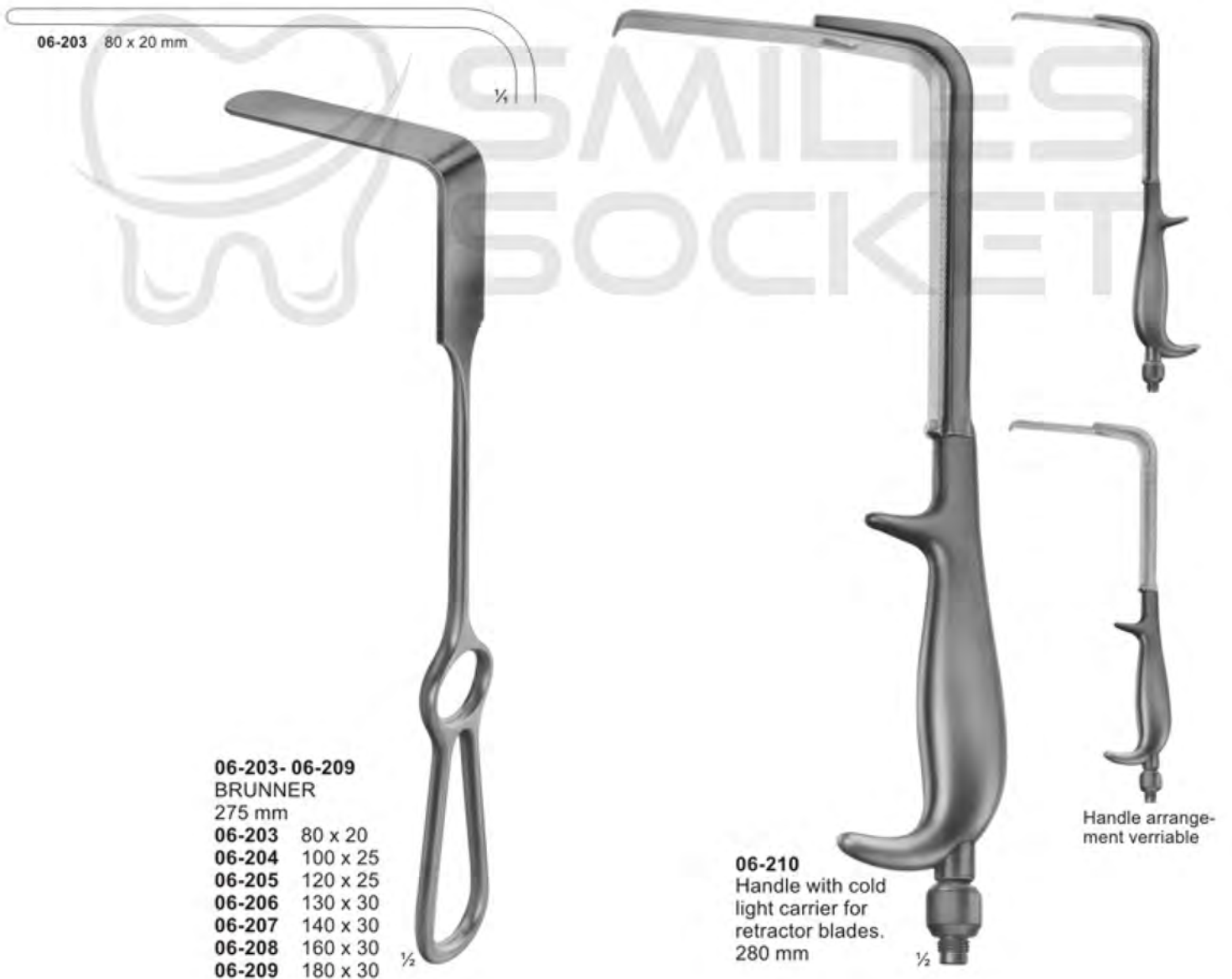
Retractors



SMILES
SOCKET



Retractors, Vario Retractor System



06-203 80 x 20 mm

1/4

06-203- 06-209

BRUNNER

275 mm

06-203 80 x 20

06-204 100 x 25

06-205 120 x 25

06-206 130 x 30

06-207 140 x 30

06-208 160 x 30

06-209 180 x 30

1/2

06-210

Handle with cold
light carrier for
retractor blades.
280 mm

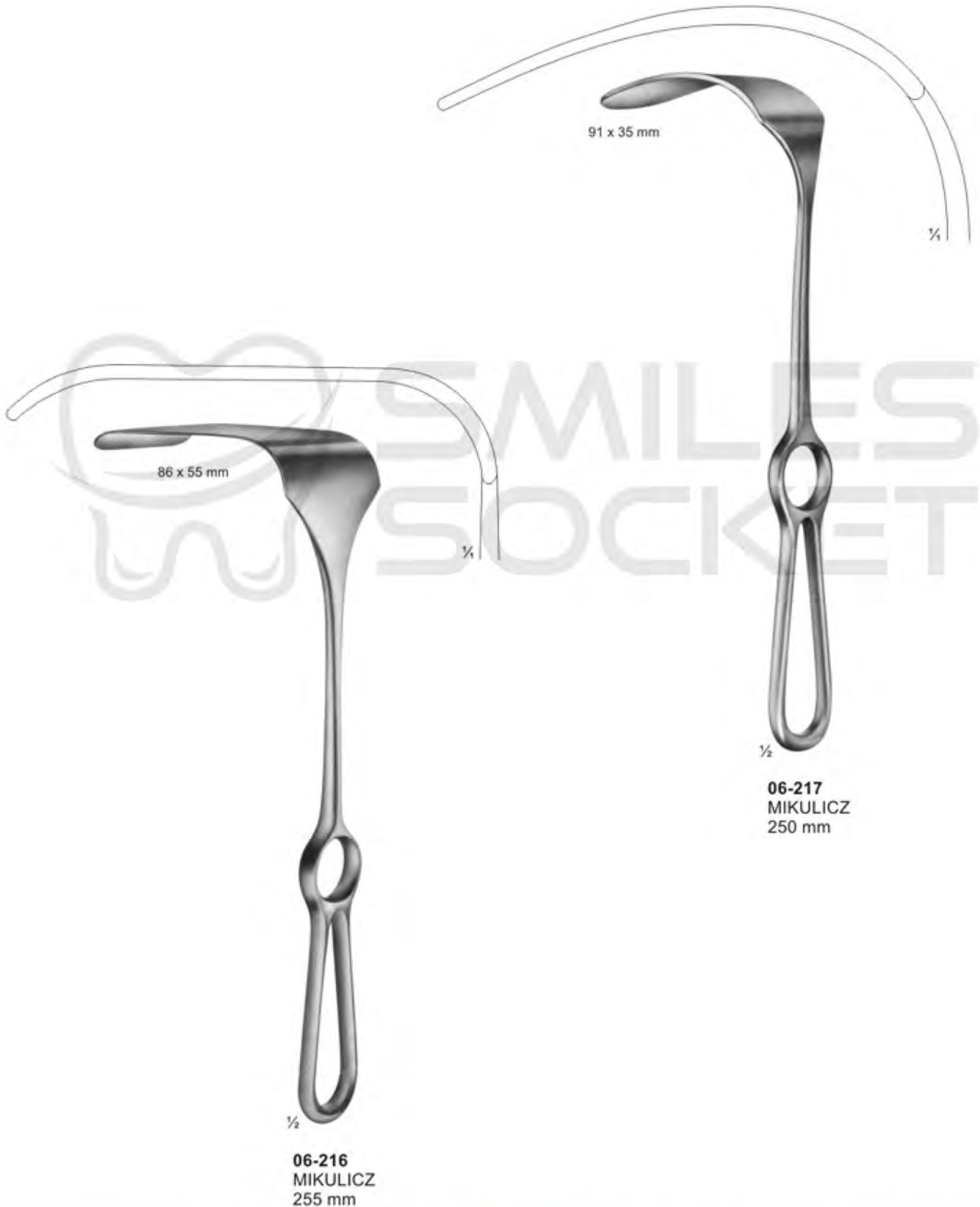
1/2

Handle arrange-
ment verriable

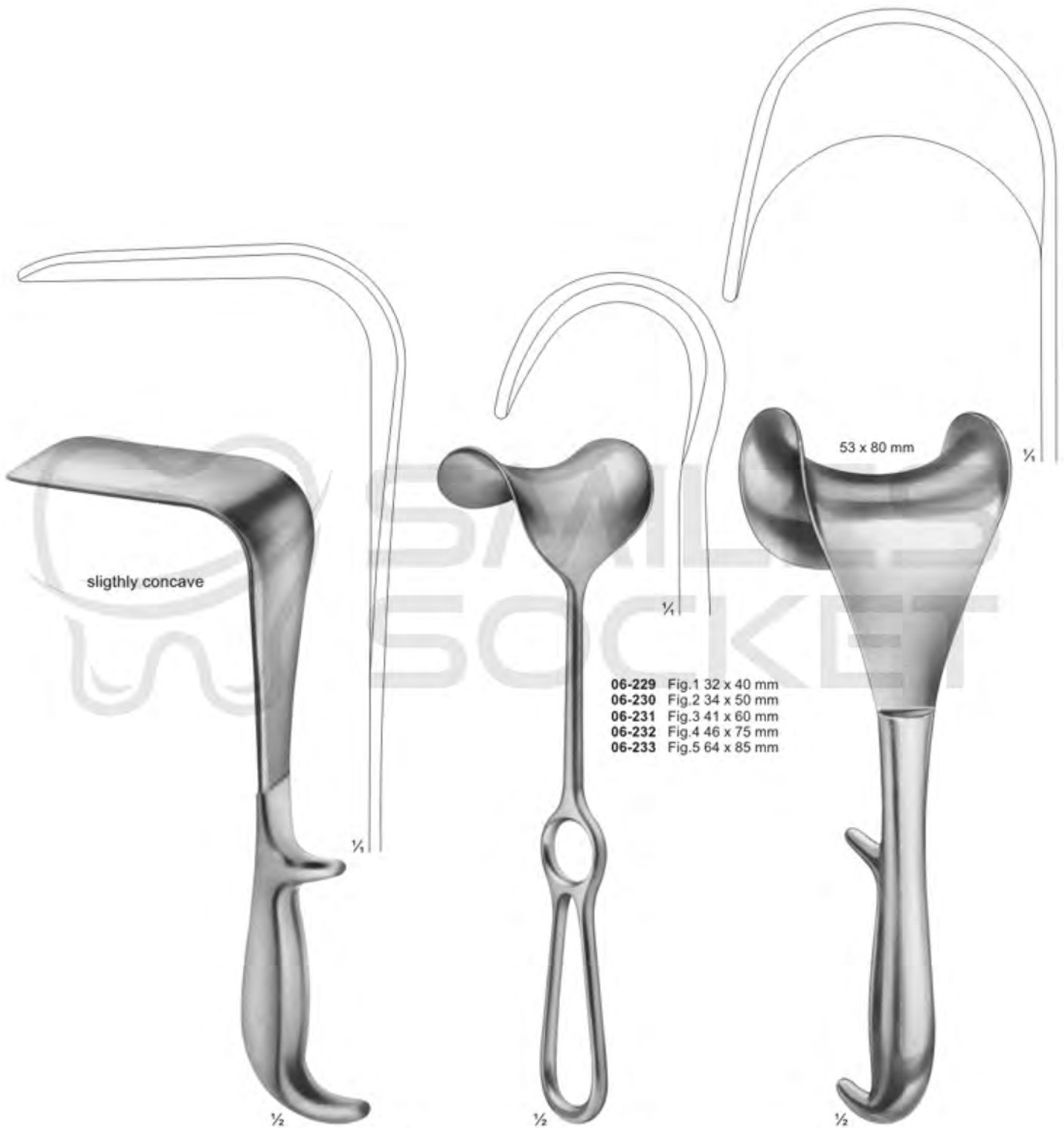
Retractors, Lung Spatulas



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



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

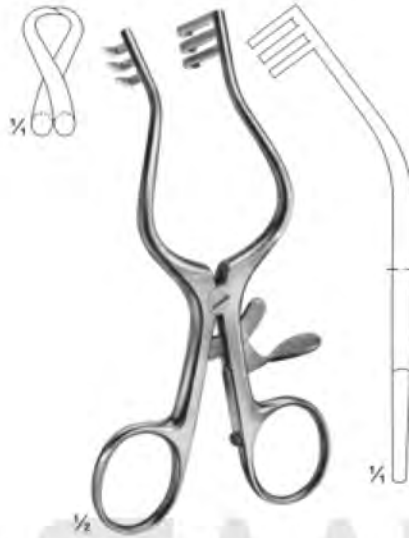
06-237
MIKULICZ
29 mm
250 mm

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

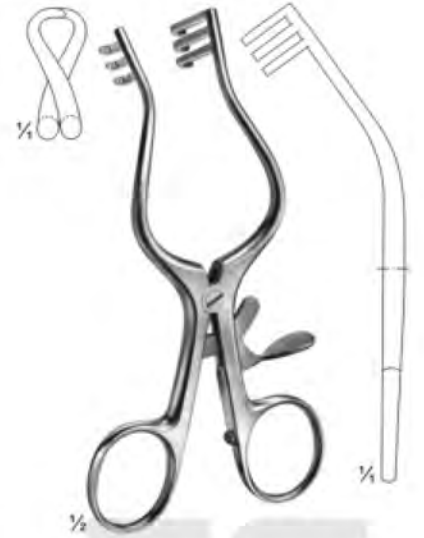
Self-Retaining Retractors



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
PLESLER
blunt
110 mm



06-245
PERKINS
130 mm

Special Retractors



½

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

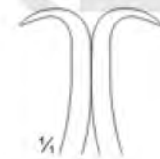


½

06-247
JACKSON BURROWS
Retractor, blunt
185 mm



¼



¼



¼



½

06-248
GELPI
Vaginal retractor
135 mm



½

06-249
GELPI
Skin- and vaginal retractor
175 mm



½

06-250
DE BAKEY
Femur retractor
145 mm

Lamina Spreaders



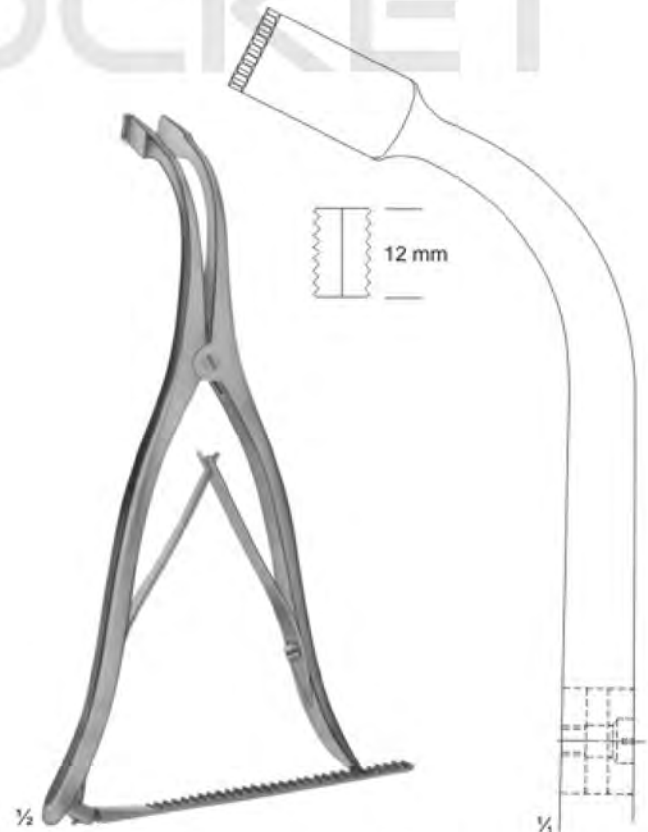
**06-251
CLOWARD
155 mm**



**06-252
CLOWARD
135 mm**



**06-253
INGE
170 mm**



**06-254
INGE
275 mm**

SMILES
SOCKET

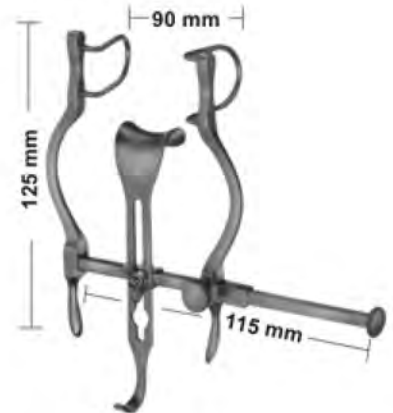
Abdominal Retractors



**06-255
GOSSET**
Blades:38 mm deep



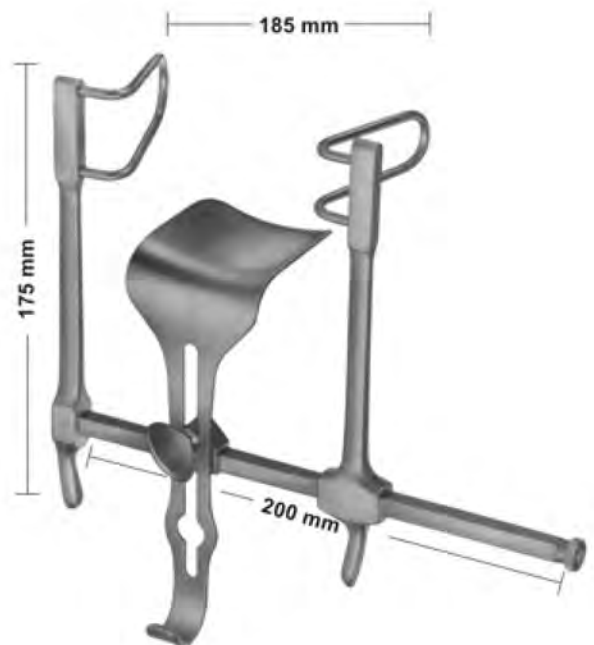
**06-256
HERTZLER**
Blades 20 X 25 mm



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

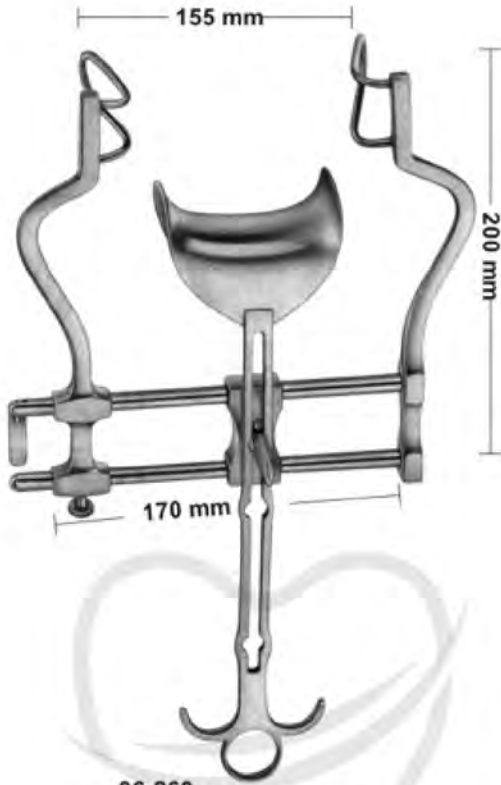


**06-258
GOSSET**
Blades:55mm deep

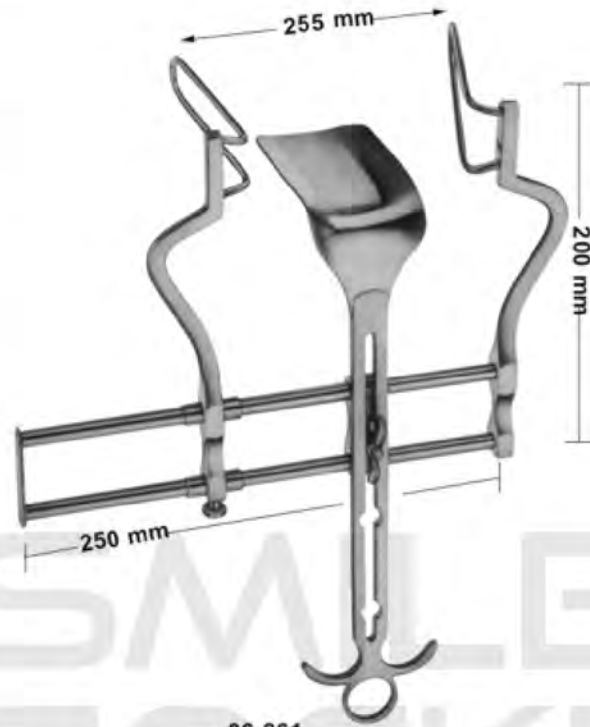


**06-259
GOSSET**
Lateral blades 58 mm deep
Center blade 59 x 57 mm

Abdominal Retractors



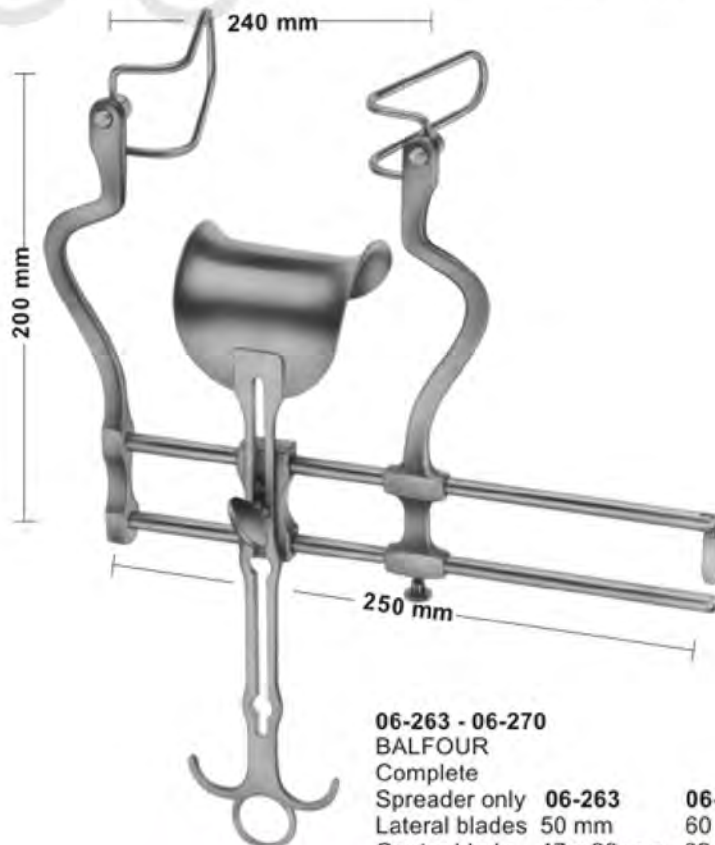
06-260
BALFOUR
Lateral blades 60 mm deep
Center blade 47 x 80 mm



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



06-262
Center blade only
54x80 mm



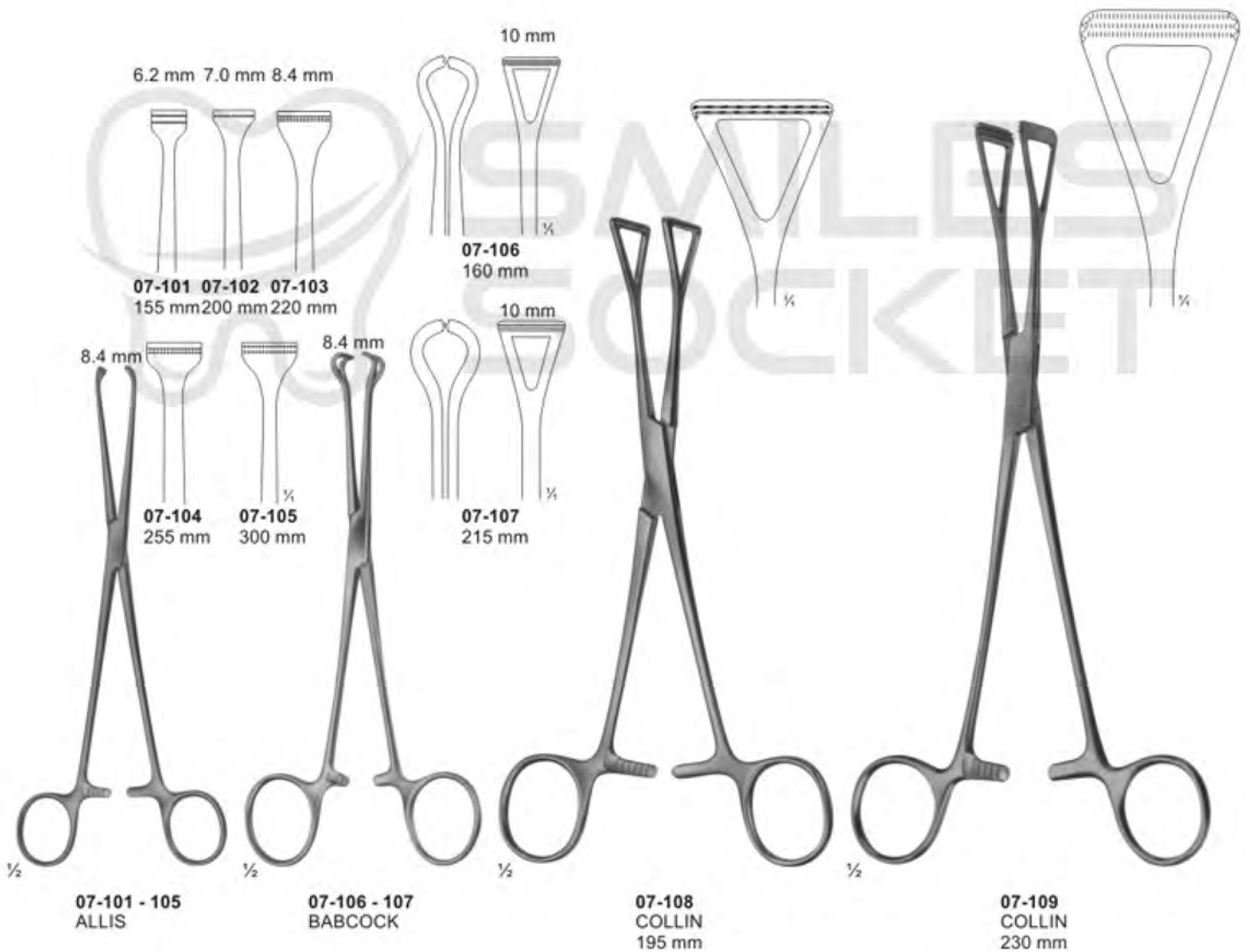
06-263 - 06-270
BALFOUR
Complete

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

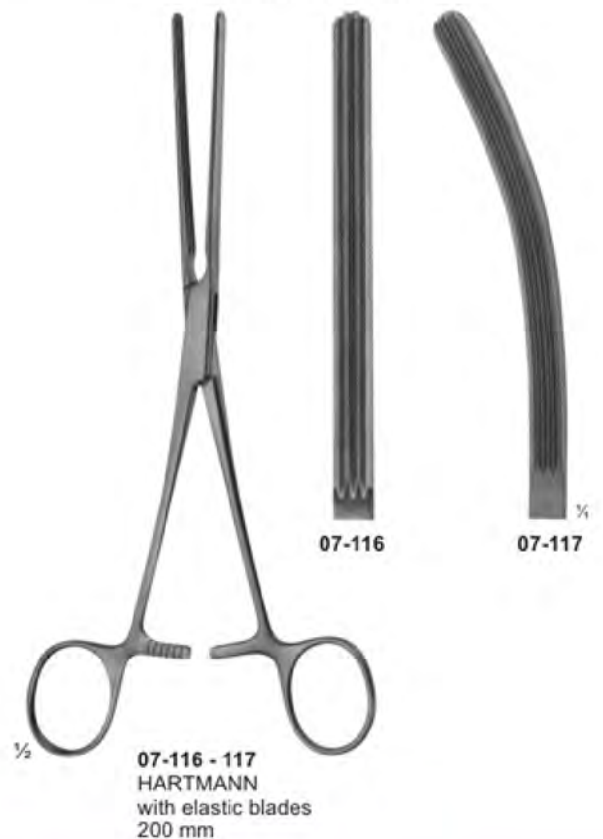
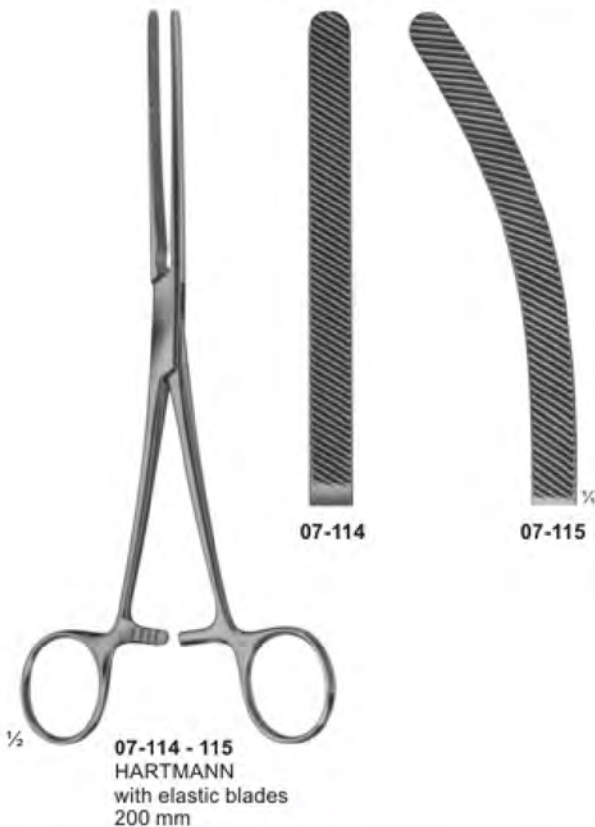


Intestinal Clamps, soft elastic

ATRAUMATA



ATRAUMATA



Intestinal and Pylorus Clamps



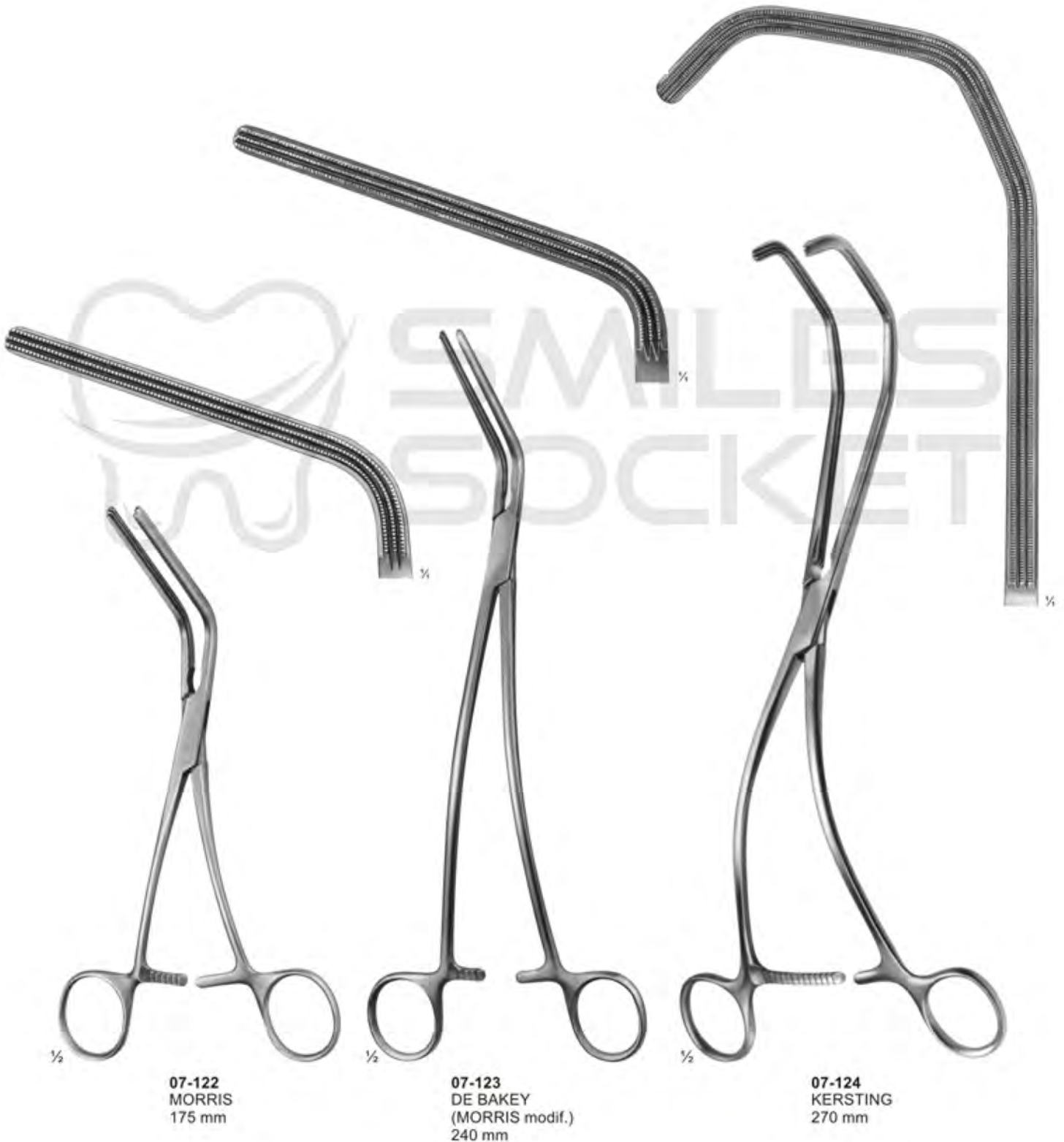
07-118
PAYR
Intestinal clamp
light pattern,
for children
180 mm

07-119
PAYR
200 mm

07-120
PAYR
275 mm

07-121
PAYR
Pylorus clamp
315 mm

**ATRAUMATA
Sigmoid Anastomosis Forceps**



Nasal Specula



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



08-102
SIMS
160 mm



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



08-104
Killian

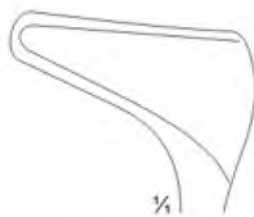


Fig. 1
14 cm 5 4/8"
35 mm

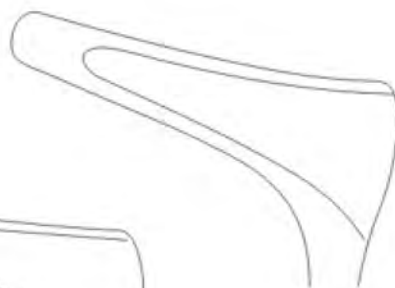


Fig. 2
14,5 cm / 5 4/8"
50 mm

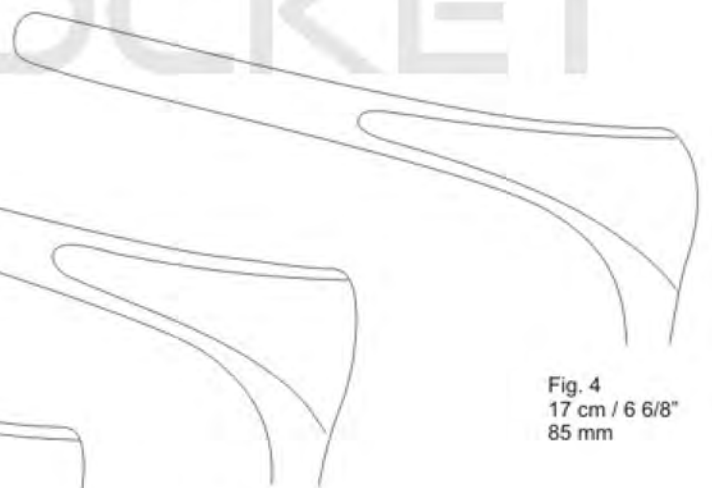
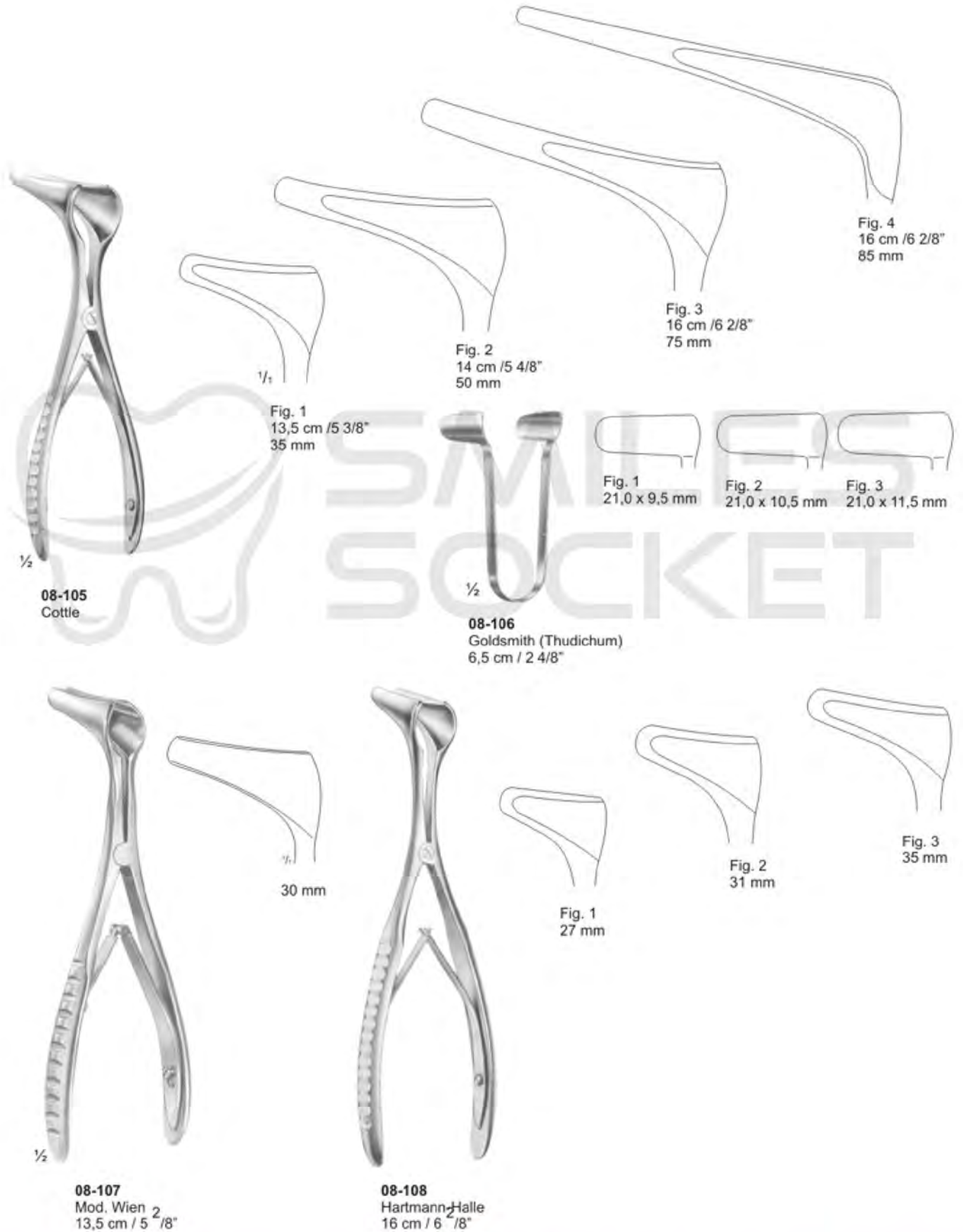


Fig. 3
16 cm / 6 2/8"
75 mm

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

Nasal Specula



Anusopes-Sphincteroscopes



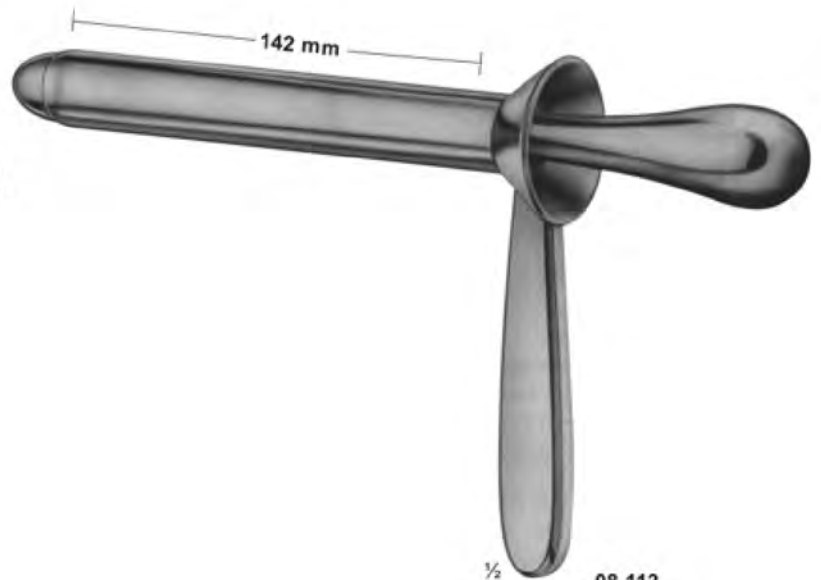
08-109
IVES-FANSLER
Anuscope
145 mm
Ø24mm



08-110
KELLY
Sphincteroscope
160 mm
Ø21mm



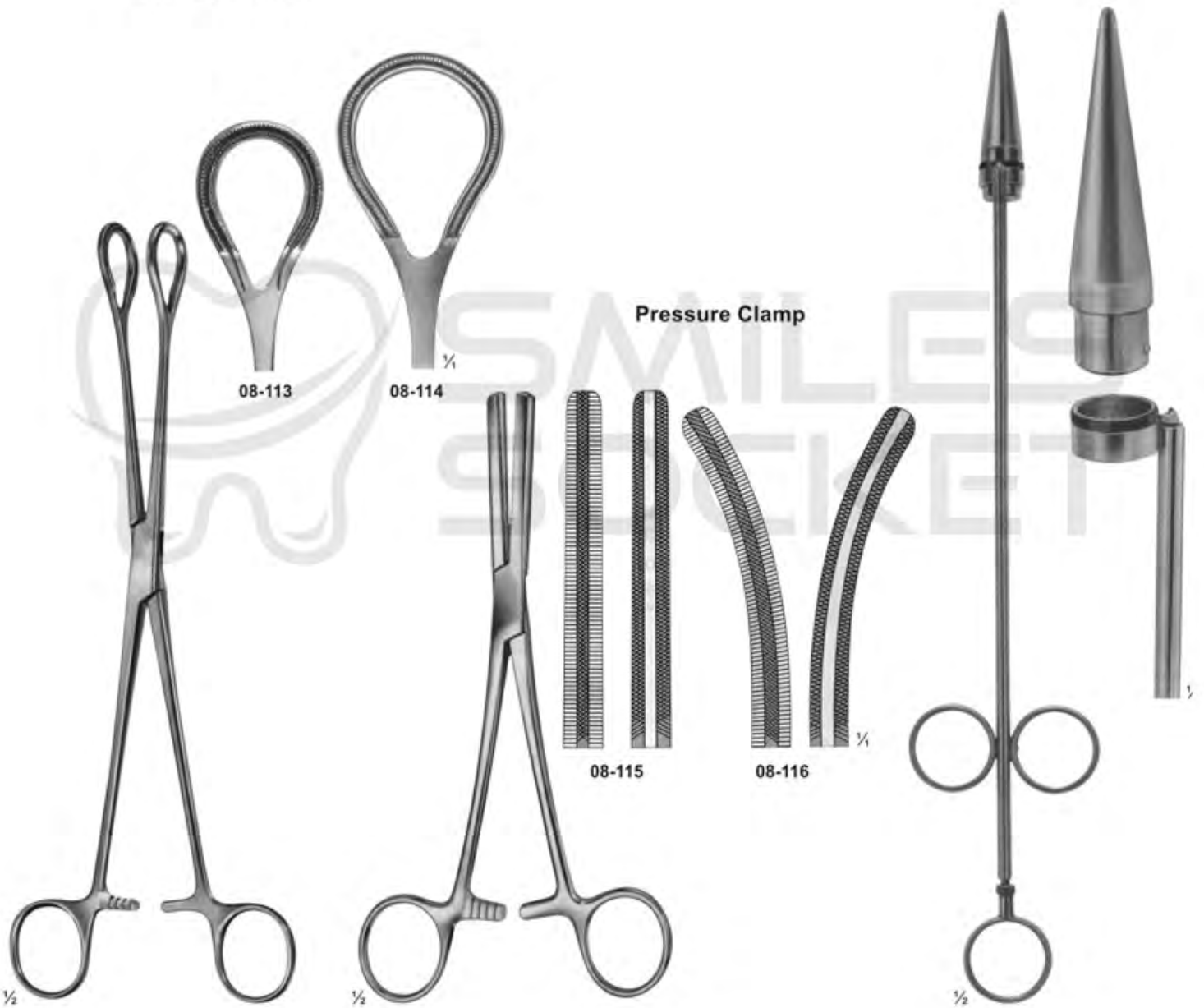
08-111
KELLY
Sphincteroscope
160 mm
Ø27mm



08-112
KELLY
Proctoscope
140 mm
Ø22mm

Haemorrhoidal Forceps

ATRAUMATA



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

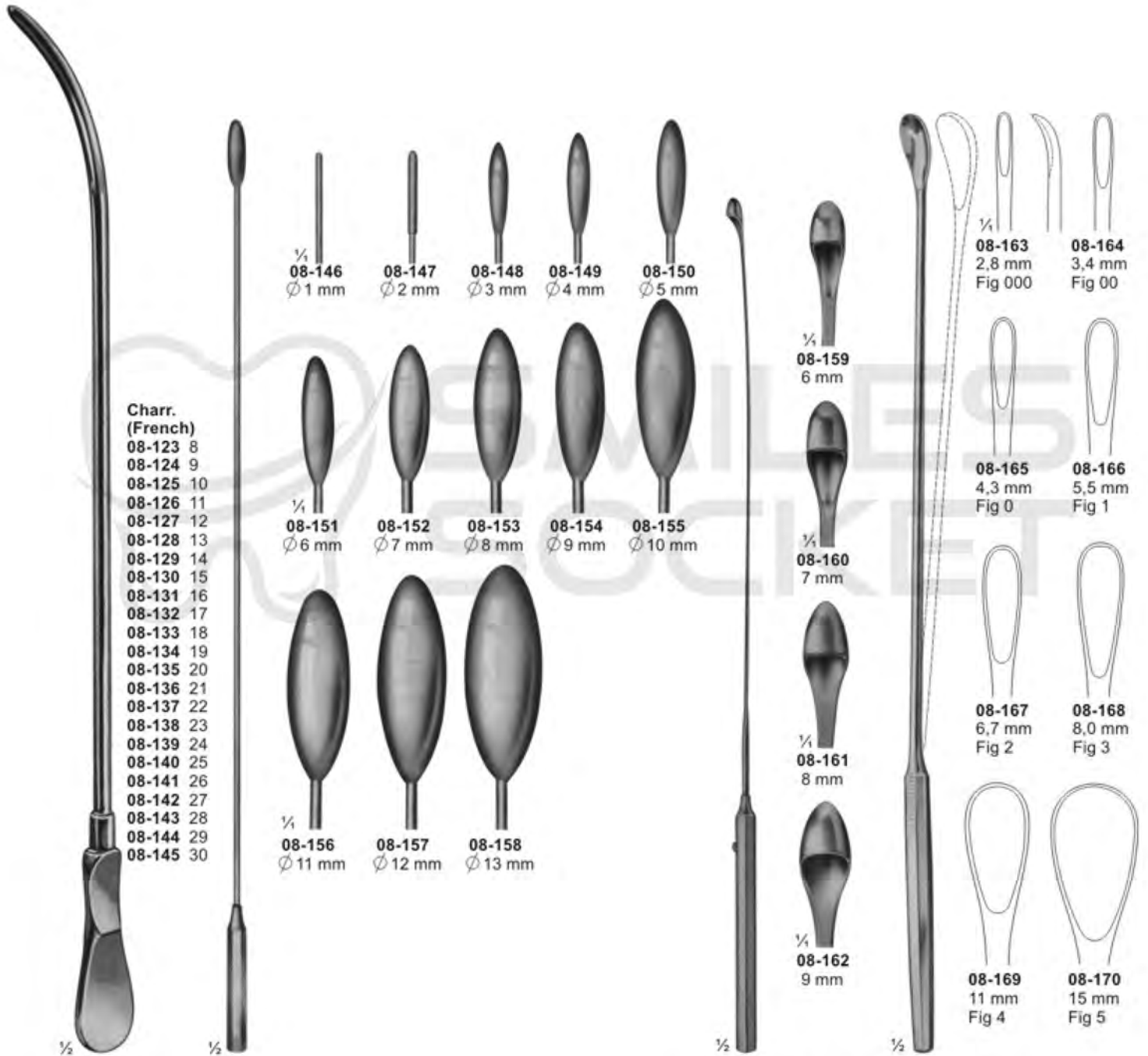
08-115 - 08-116
FERGUSSON
200 mm

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

Gall Duct Forceps



Gall Duct Dilators and Gall Stone Scoops



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

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

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

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

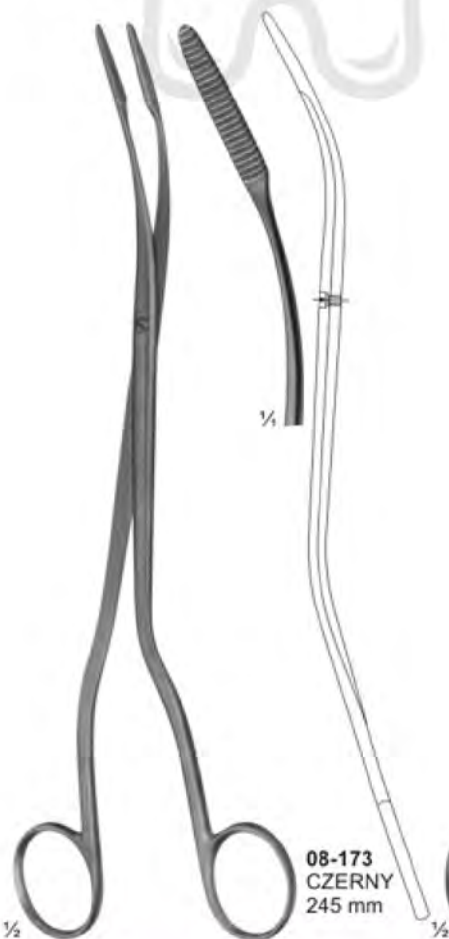
Gall Stone Forceps



**08-171
BLAKE
205 mm**



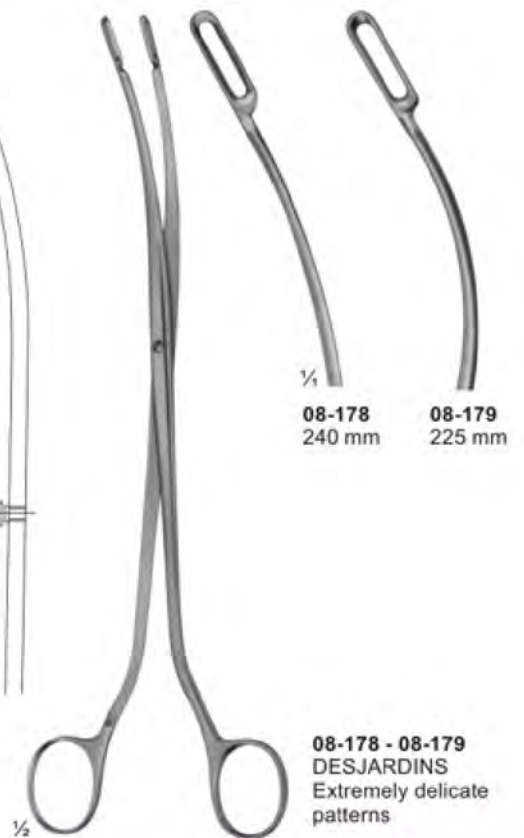
**08-172
BLAKE
205 mm**



**08-173
CZERNY
245 mm**



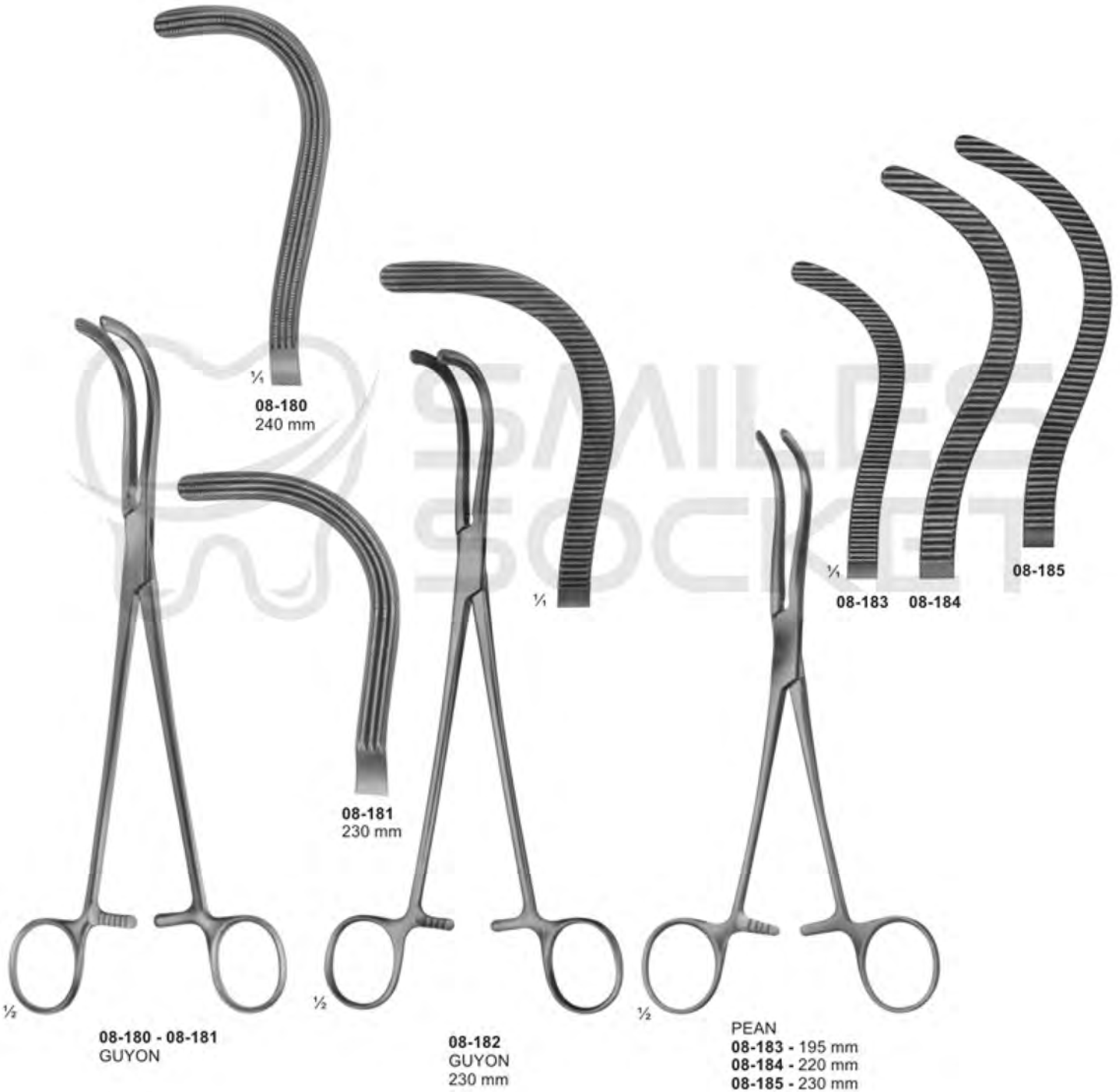
**08-174 - 08-177
DESJARDINS
225 mm**



**08-178 - 08-179
DESJARDINS
Extremely delicate
patterns**

Kidney Clamps

ATRAUMATA



Kidney Stone Forceps



08-186



08-190



08-187



08-191



08-188



1/4
08-192



1/2

08-186 - 08-189
RANDALL
225 mm



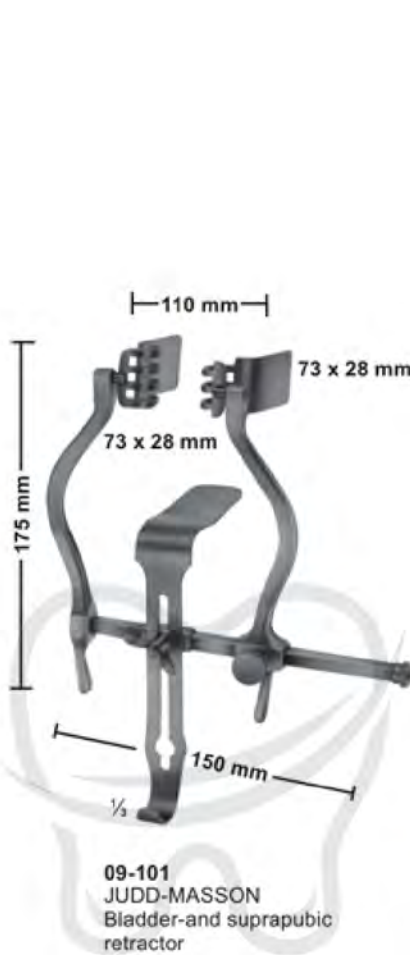
1/4
08-189



1/2

08-190 - 08-192
RANDALL
190 mm

Bladder Retractors



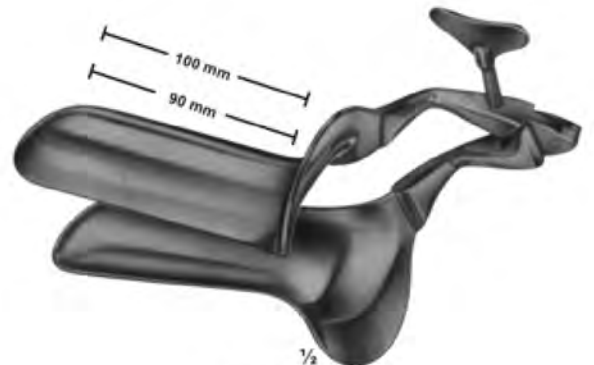
Trocars



Vaginal Specula



10-101
COLLIN
for children
53 x 10 mm



10-102 - 105
COLLIN

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



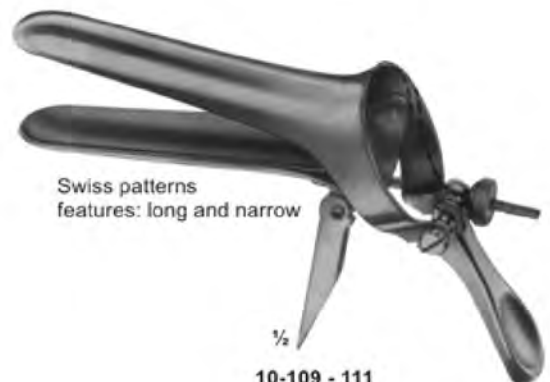
10-106
COLLIN
for virgins
95/85 x 18 mm



10-107
CUSCO
for virgins
75 x 17 mm



10-108
CUSCO
for virgins
75 x 17 mm



10-109 - 111
CUSCO

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

Vaginal Specula- Sets, upper and lower blades



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

½



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

½



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

½



**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

½



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

½



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

½



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

½

Vaginal Specula- upper and lower blades



10-132 75X10 mm
175 mm

10-136 70X15 mm
175 mm

10-133 75X23 mm
180 mm

10-137 70X27 mm
180 mm

10-134 80X25 mm
180 mm

10-138 75X30 mm
180 mm

10-135 100X32 mm
185 mm

10-139 90X36 mm
185 mm

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

10-132 - 10-135
KRISTELLER
Upper blades

10-136 - 10-139
KRISTELLER
Lower blades

Vaginal Specula



Vaginal Retractors



**10-154
JOLL (FRIEDMAN)
155 mm**



**10-155
RICHTER
170 mm**



**10-156
GELPI
135 mm**



**10-157
GELPI
175 mm**

Uterine Dilators



1/2

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

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

SMILES
SOCKET



1/2

11-144 - 152
HEGAR
205 mm

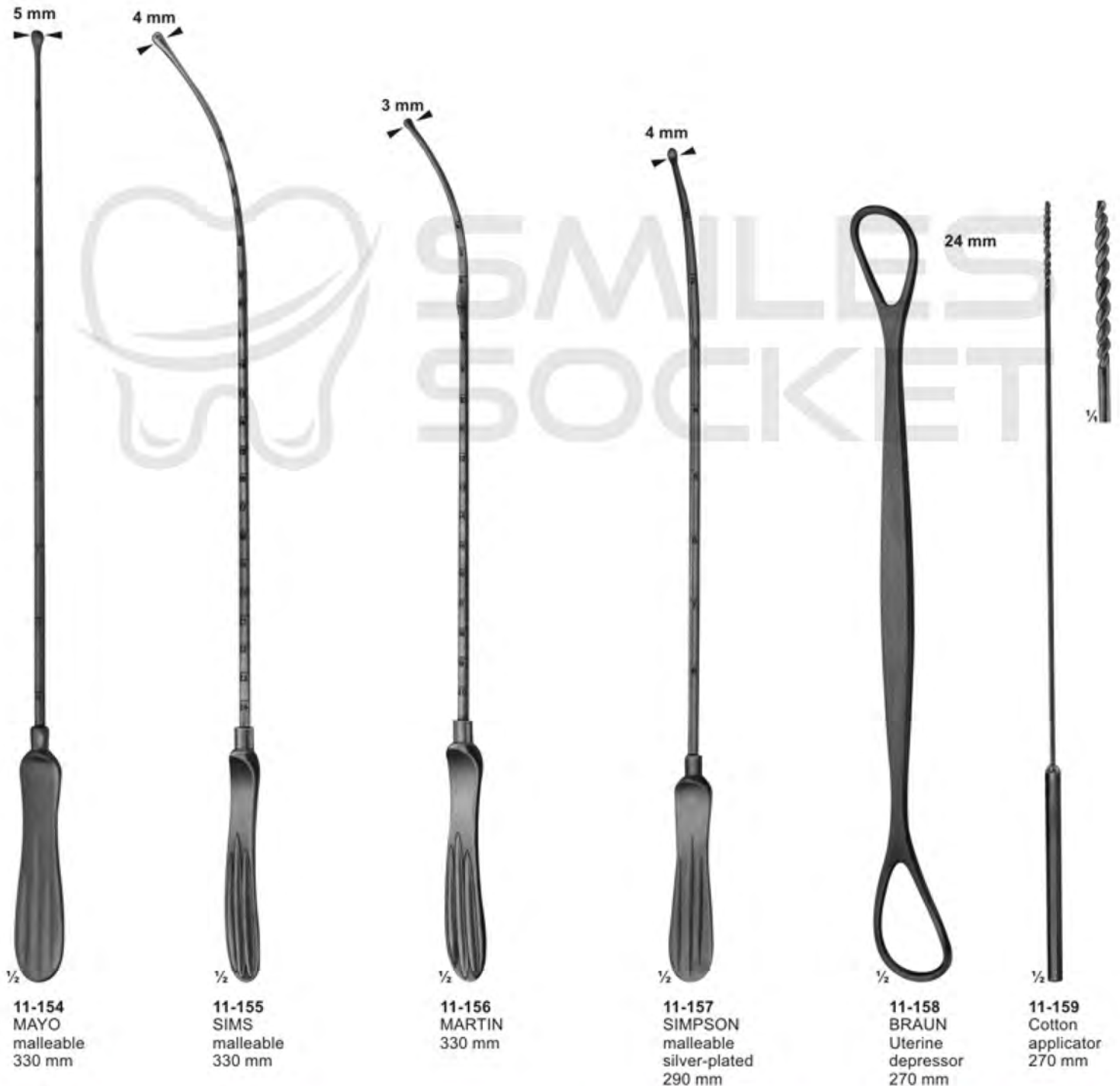
11-144	1+2	mm
11-145	3+4	mm
11-146	5+6	mm
11-147	7+8	mm
11-148	9+10	mm
11-149	11+12	mm
11-150	13+14	mm
11-151	15+16	mm
11-152	17+18	mm



1/4

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

Uterine Probes



Uterine Dressing Forceps



11-160
PELMANN
260 mm

11-161
PELMANN
260 mm

11-162
BOZEMANN
250 mm

11-163
BOZEMANN
255 mm

Jaws with longitudinal groove

Polypus-and Ovum Forceps



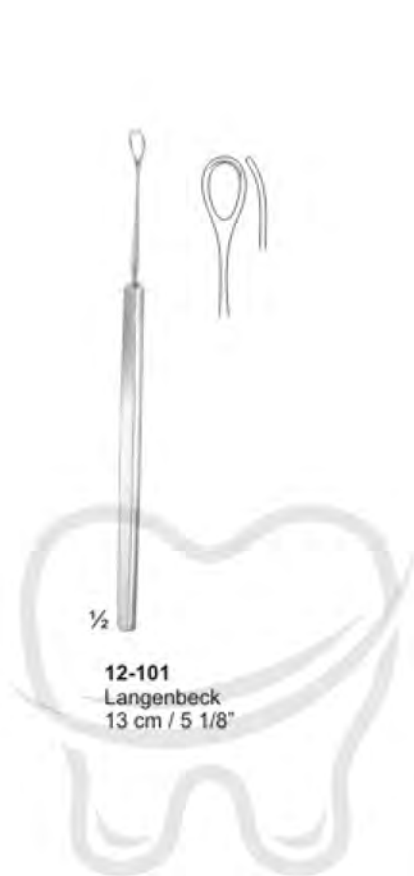
11-164
HEYWOOD-SMITH
200 mm

11-165
KELLY
320 mm

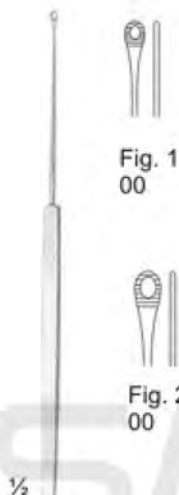
11-166
HEYWOOD-SMITH
250 mm

11-167
NOTO
280 mm

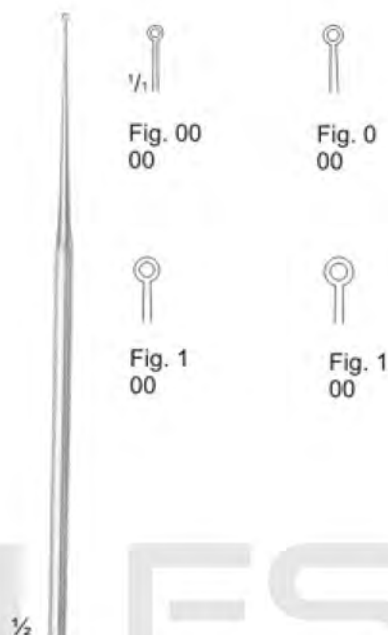
Ear Curettes



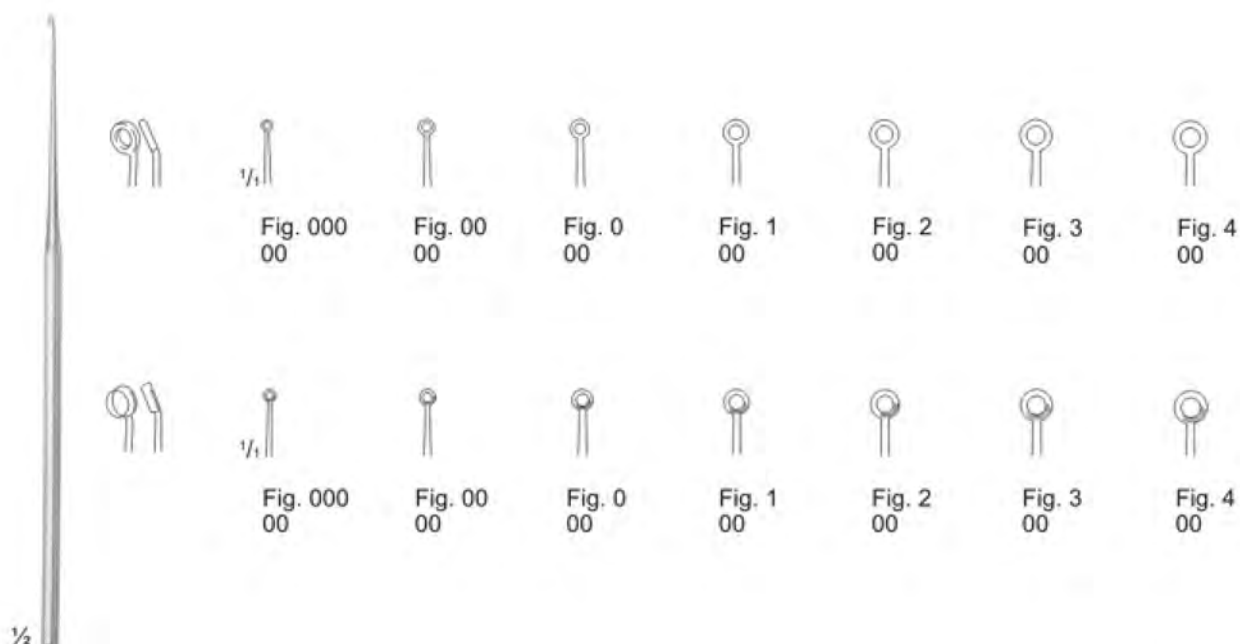
12-101
Langenbeck
13 cm / 5 1/8"



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

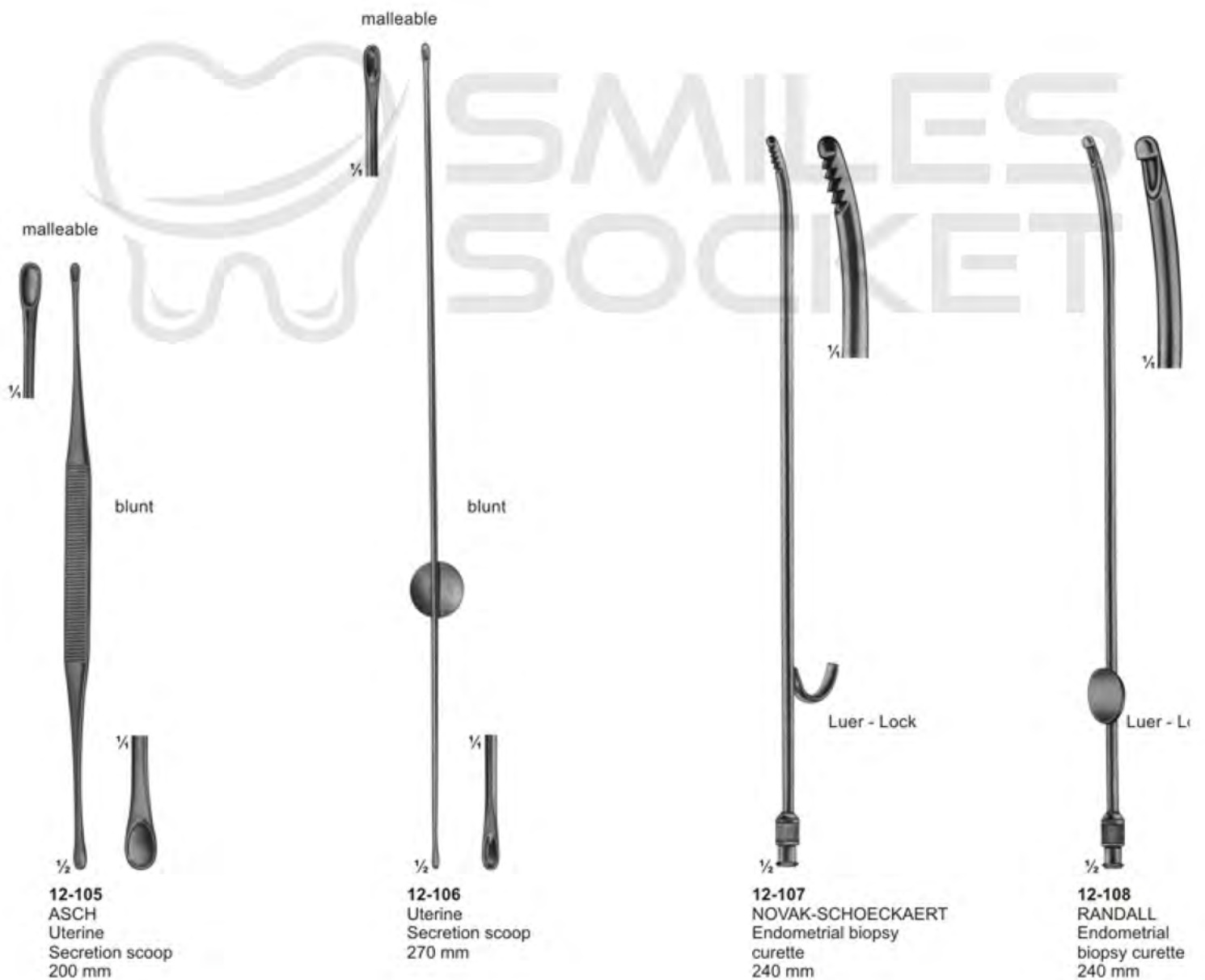


12-103
Buck
17cm / 6 6/8"



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

Biopsy Currettes



Ear Polypus Forceps



12-109
Hartmann-Wullstein
shaft length
85 mm



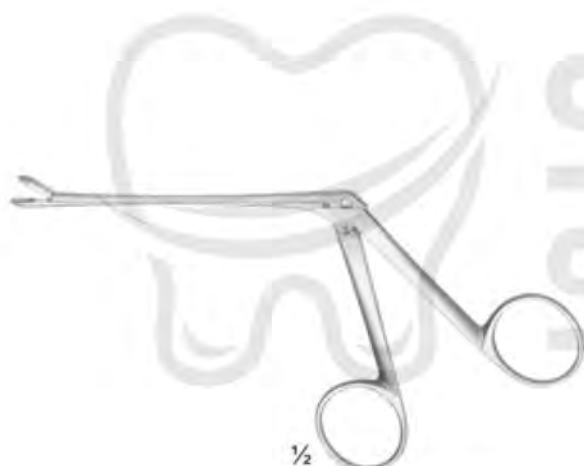
12-110
Hartmann-Wullstein
shaft length
85 mm



12-111
Hartmann
shaft length
85 mm



12-112
Hartmann
shaft length
85 mm



1/2

12-109 - 12-119

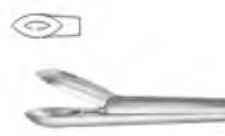
12-113
14 cm / 5 4/8"
shaft length
140 mm



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



12-115
Hartmann
3 mm
shaft length
85mm



12-116
shaft length
85mm

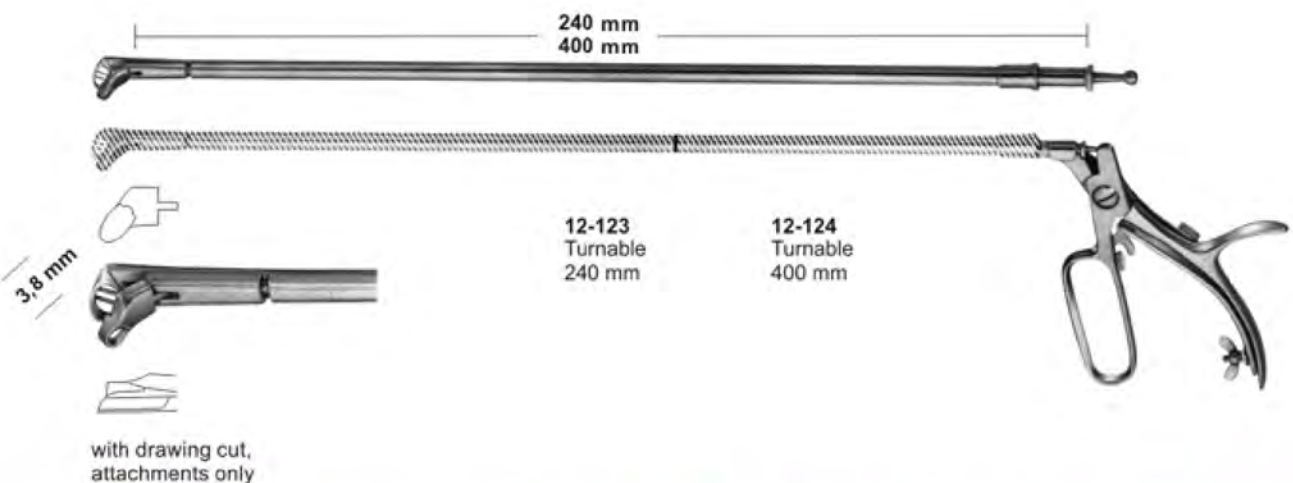
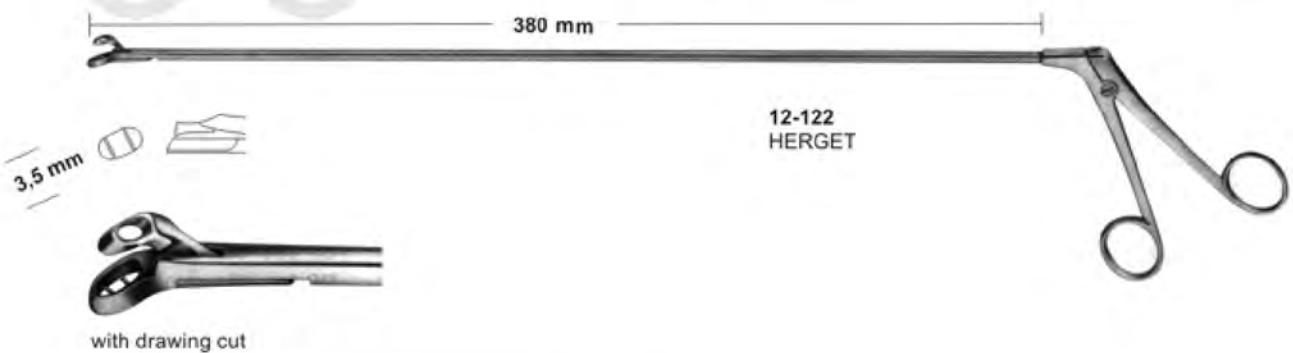
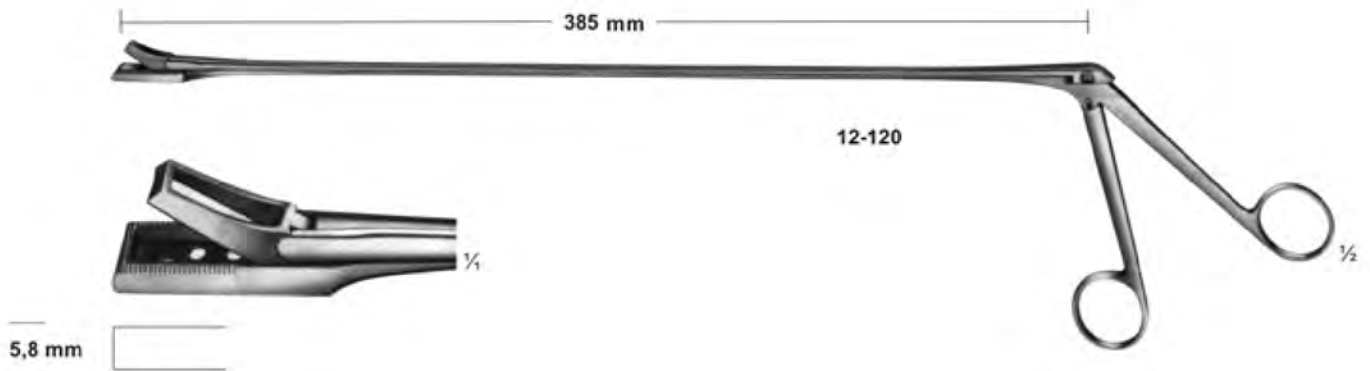


12-117
Hartmann-Hoffmar
2,0 mm
85mm

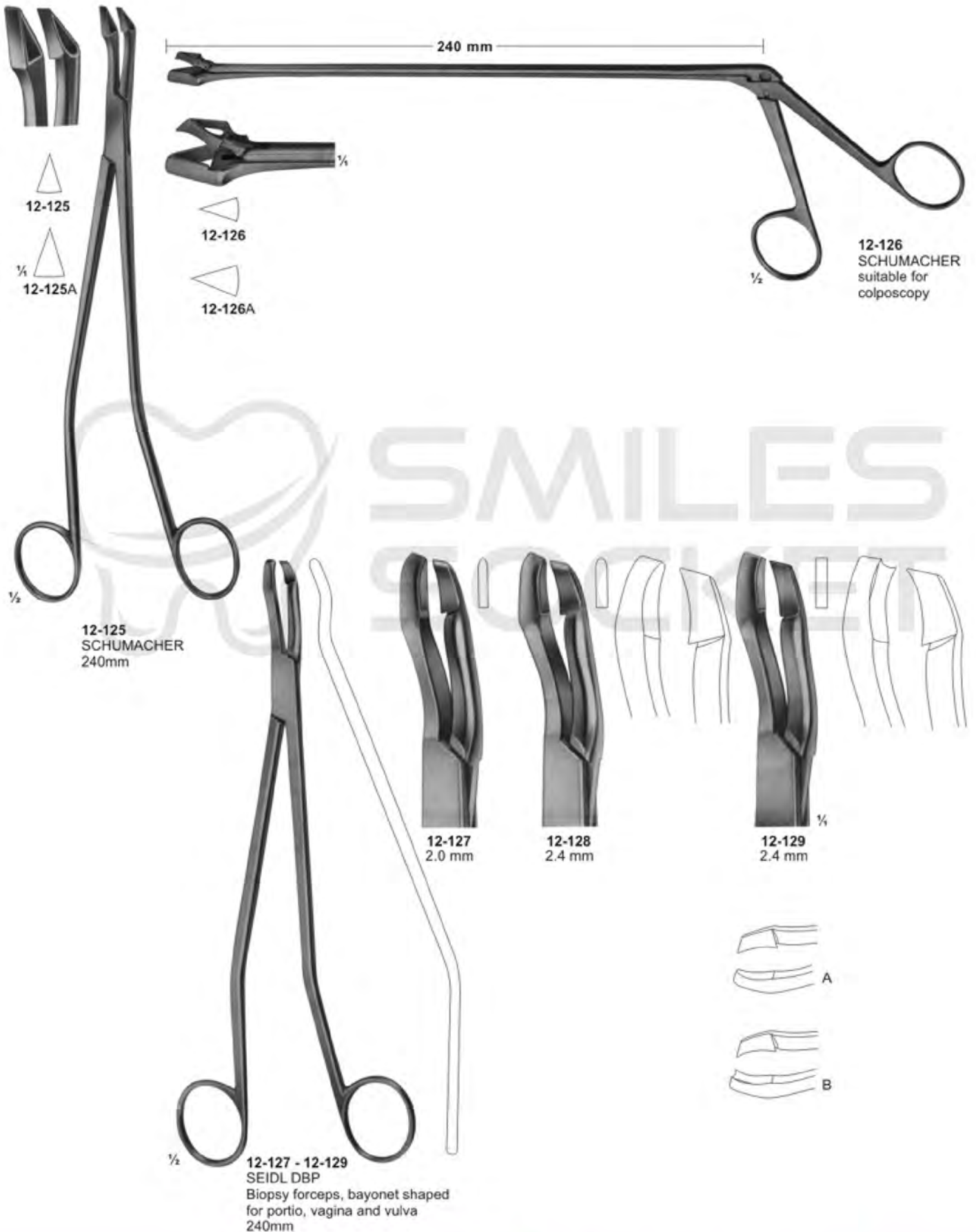
12-118
2,5 mm
85 mm

12-119
3,0 mm
85 mm

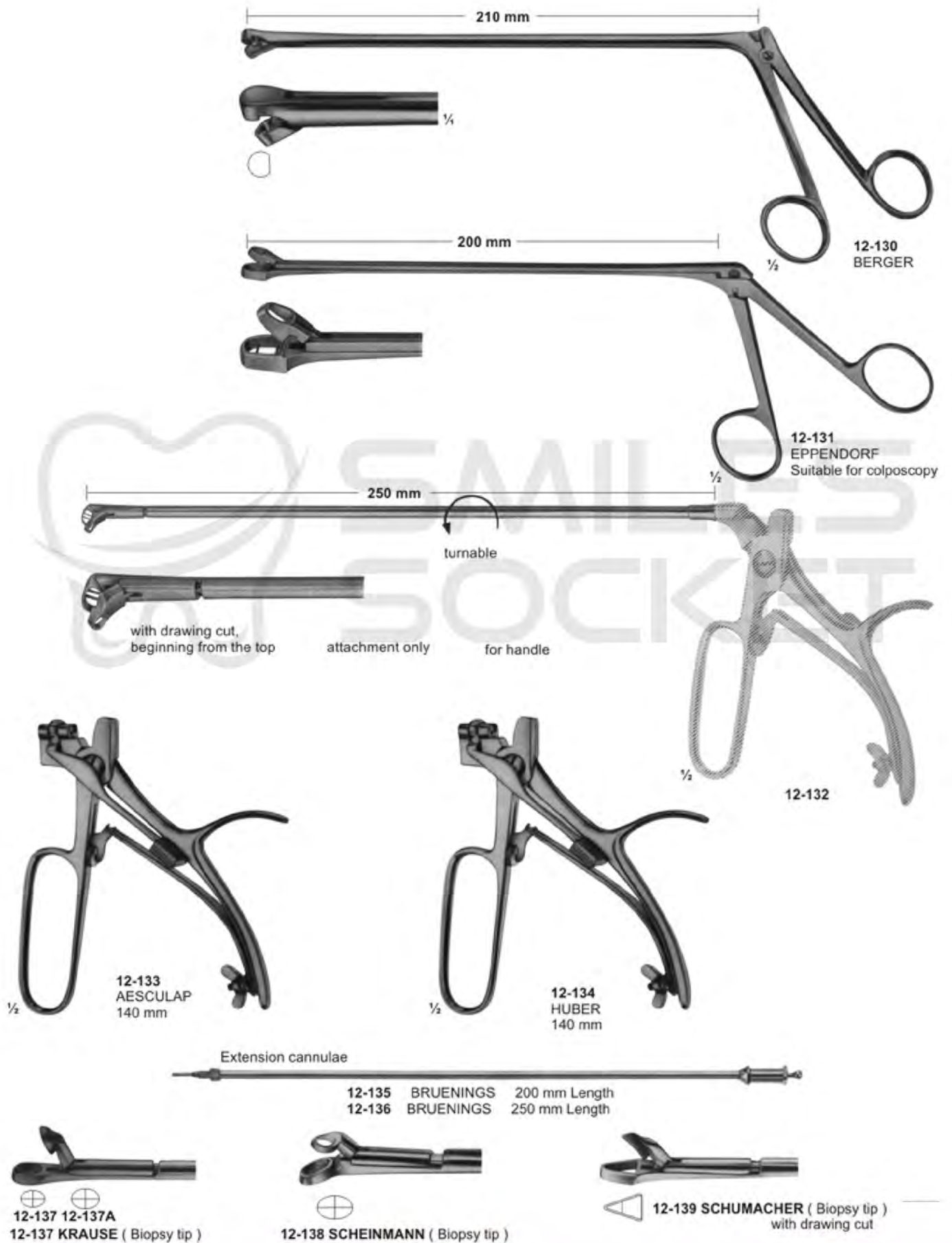
Biopsy forceps for rectum



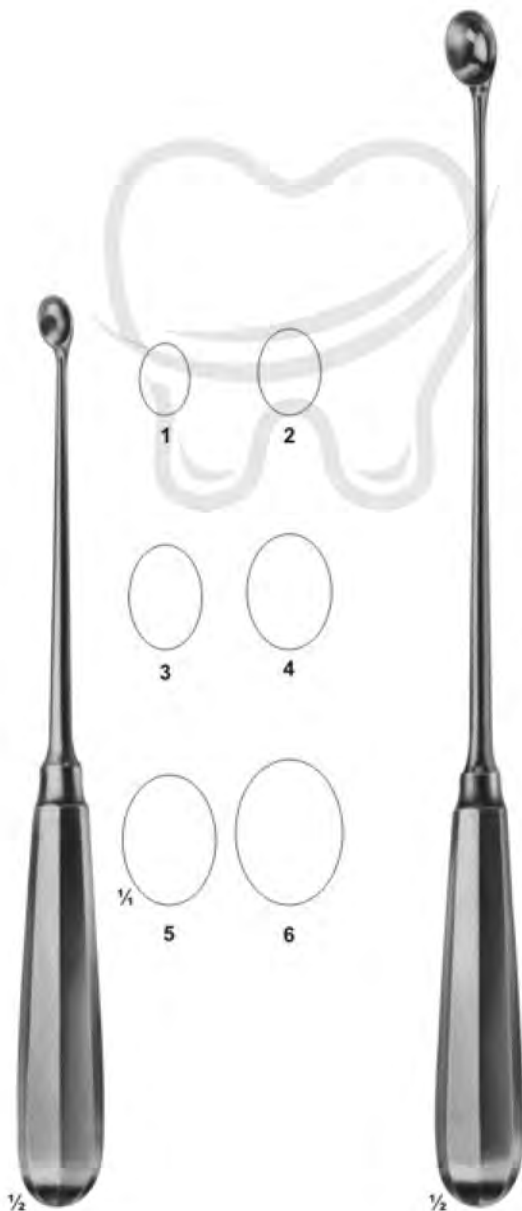
Biopsy Forceps



Biopsy Forceps



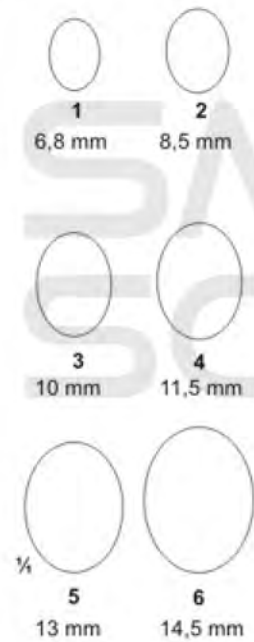
Uterine Scoops



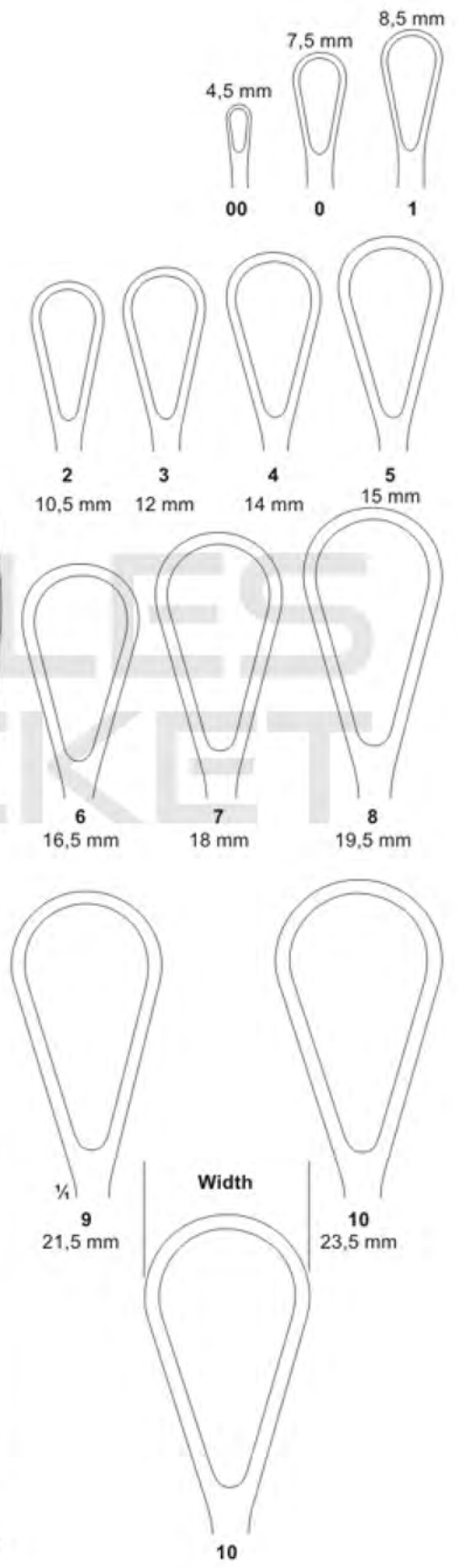
12-140
SIMON
240 mm



12-141
SCHROEDER
310 mm



12-142
RECAMIER
300 mm



Obstetrical Forceps



**13-101
NAEGELE**
355 mm

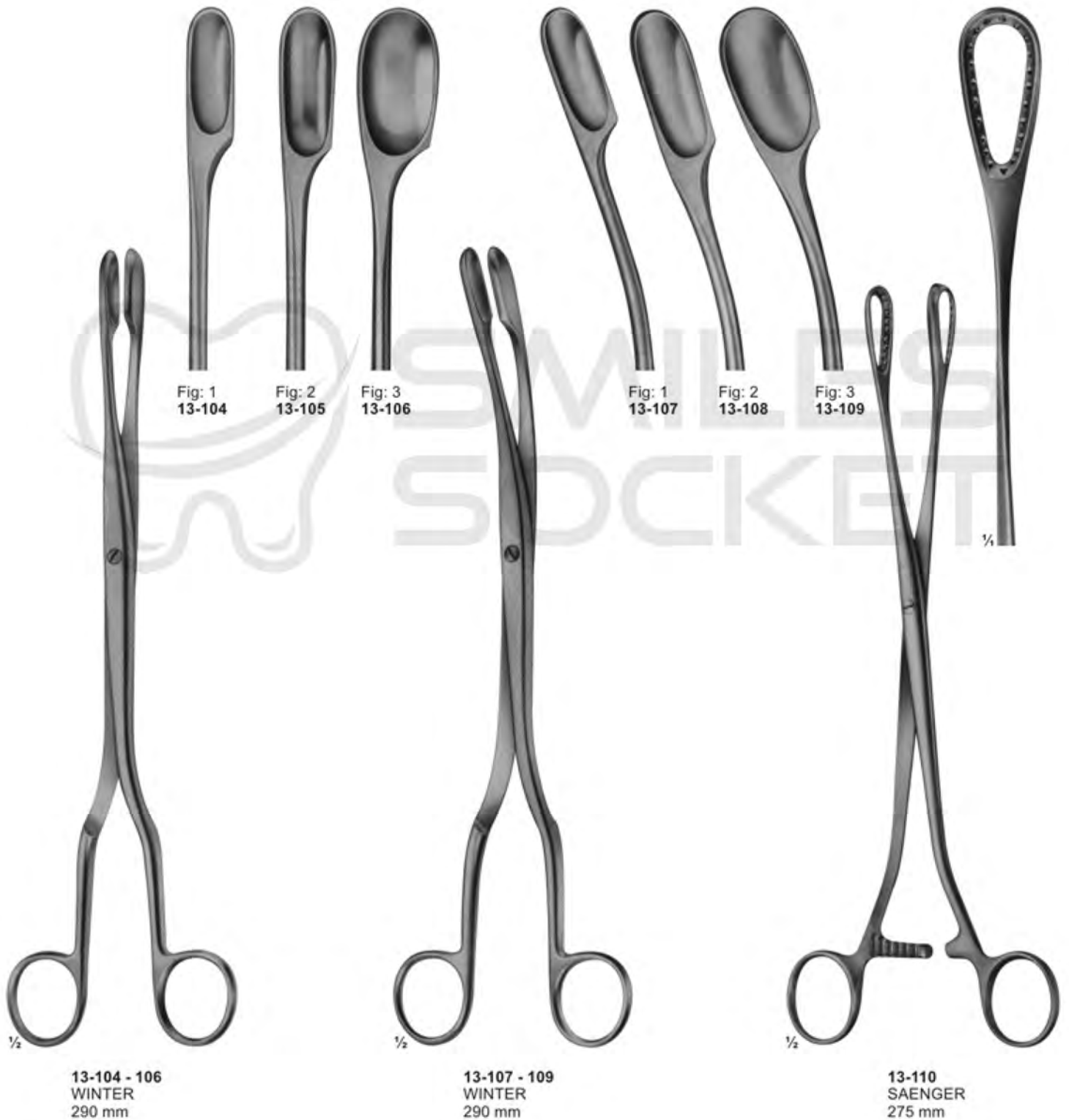


**13-102
NAEGELE**
400 mm

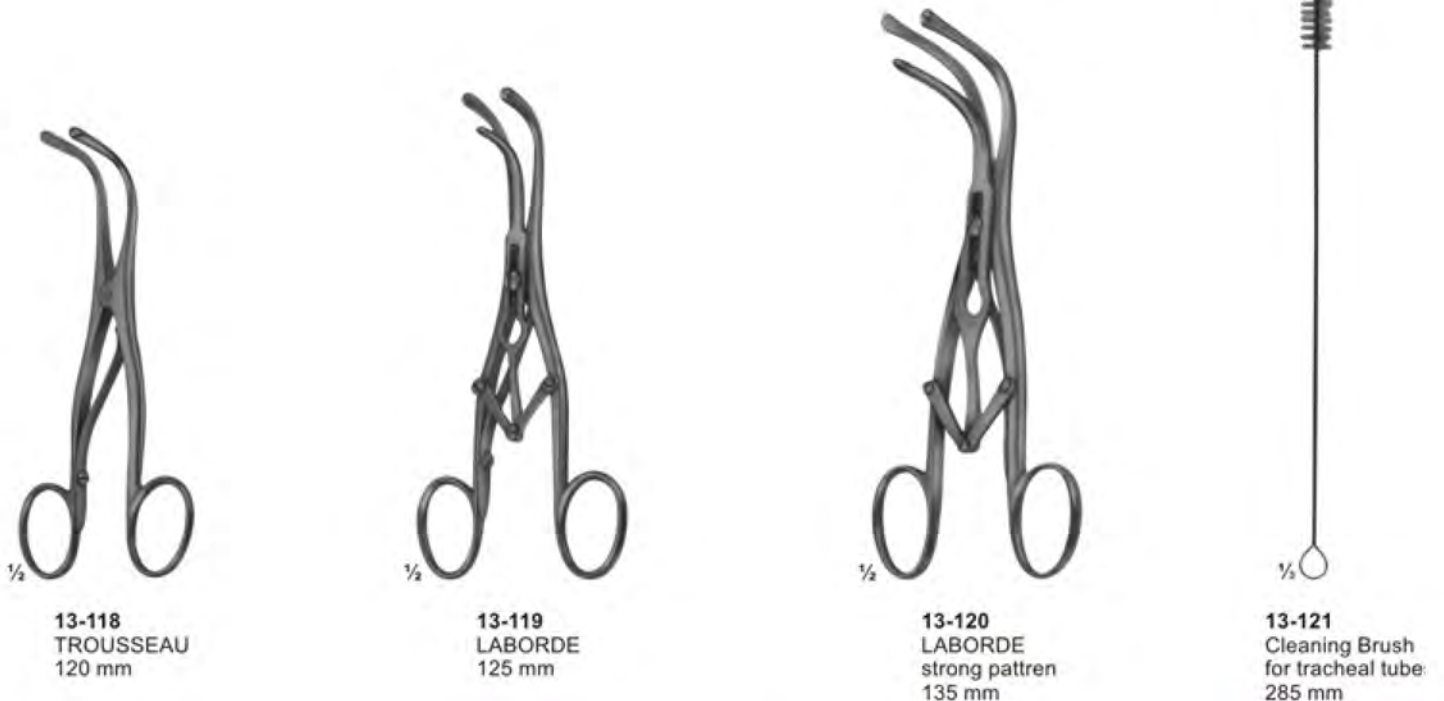


**13-103
SIMPSON-BRAUN**
305mm

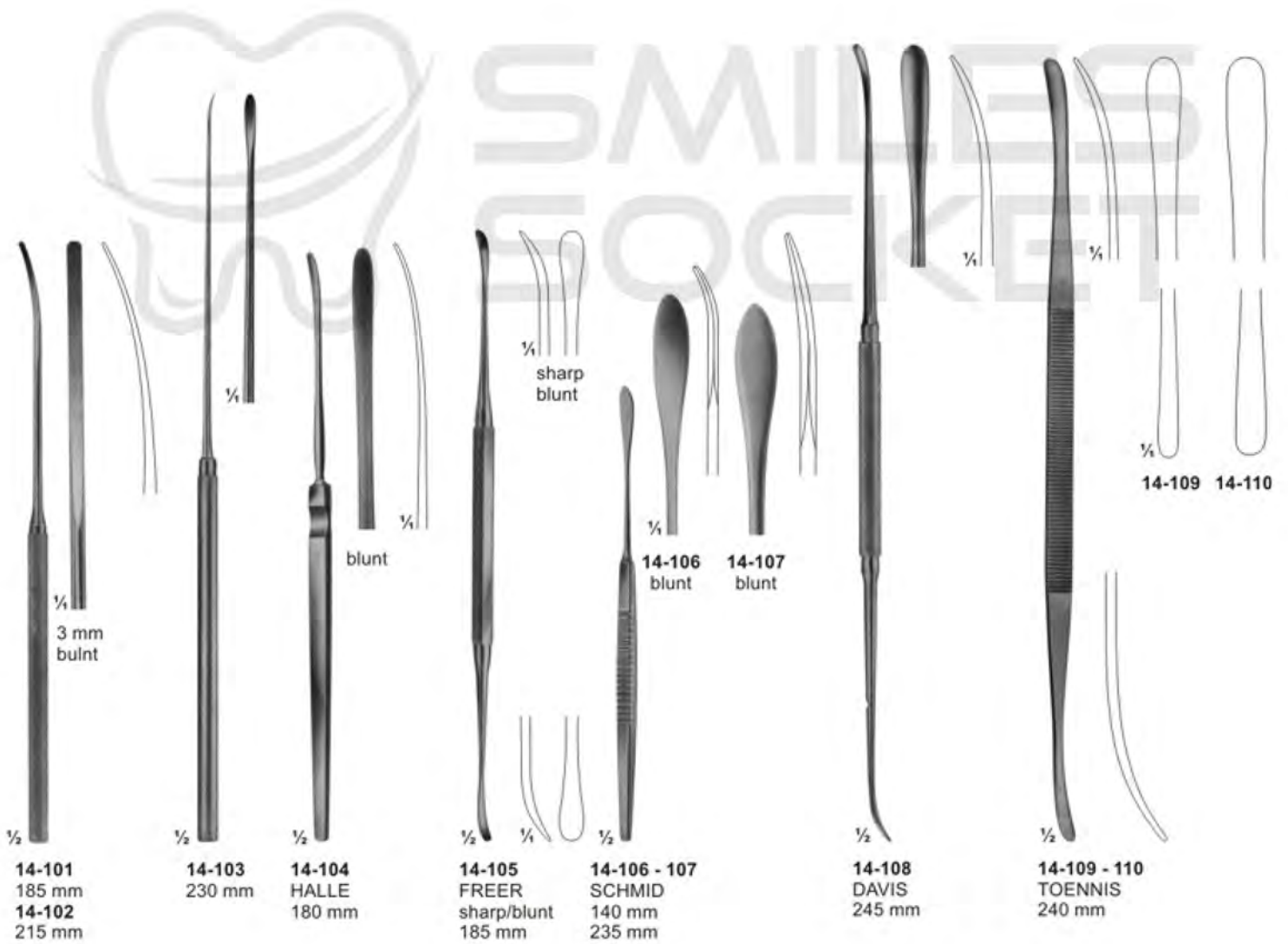
Obstetrics- Placenta and Ovum Forceps



Tound-and Tracheal Hooks and Dilators



Vascular Spatulas

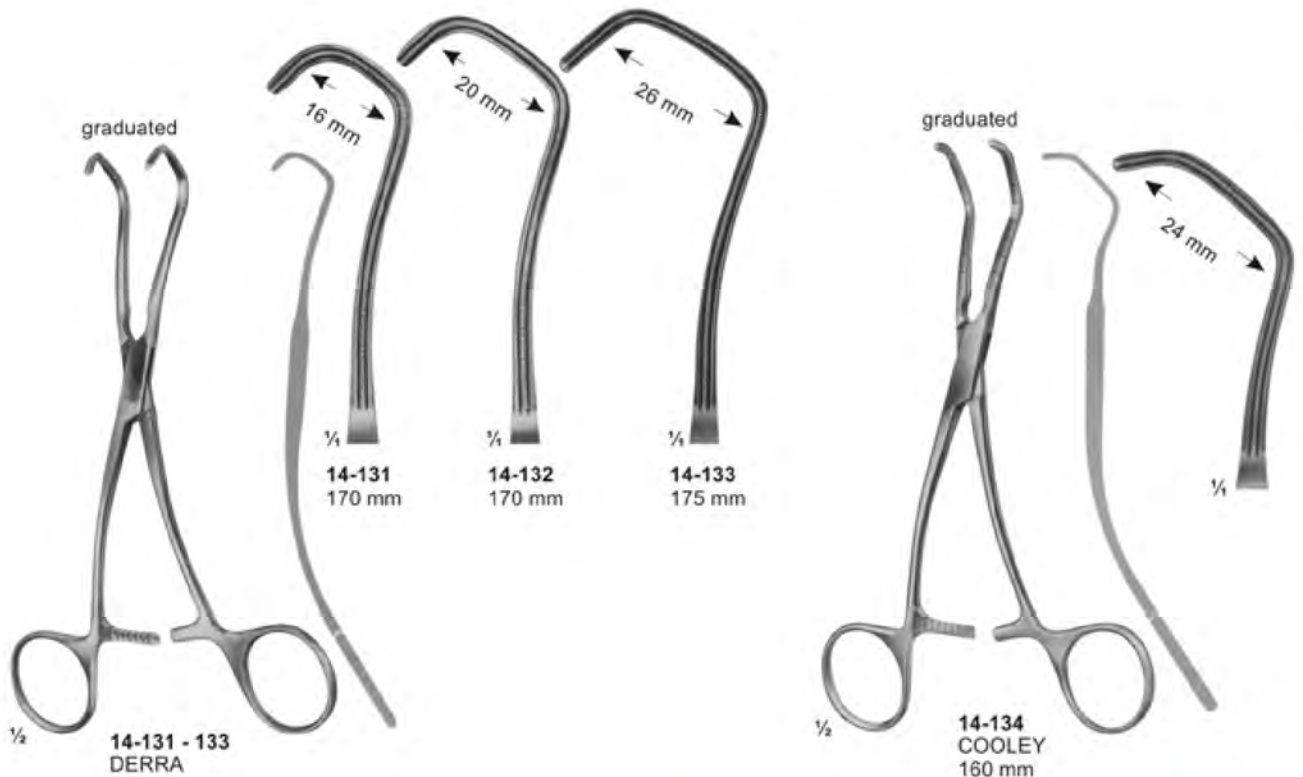
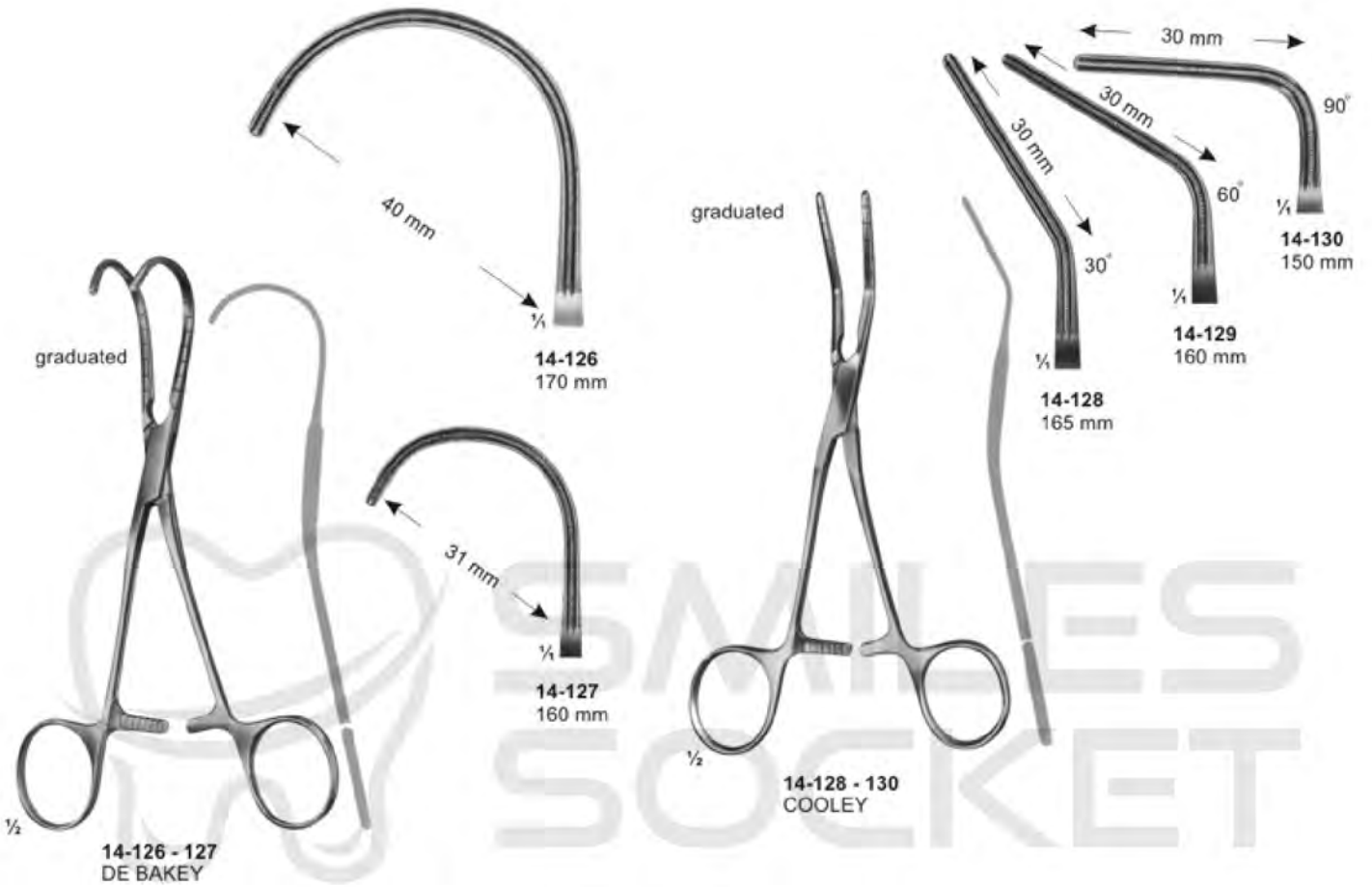


**ATRAUMATA
Forceps**

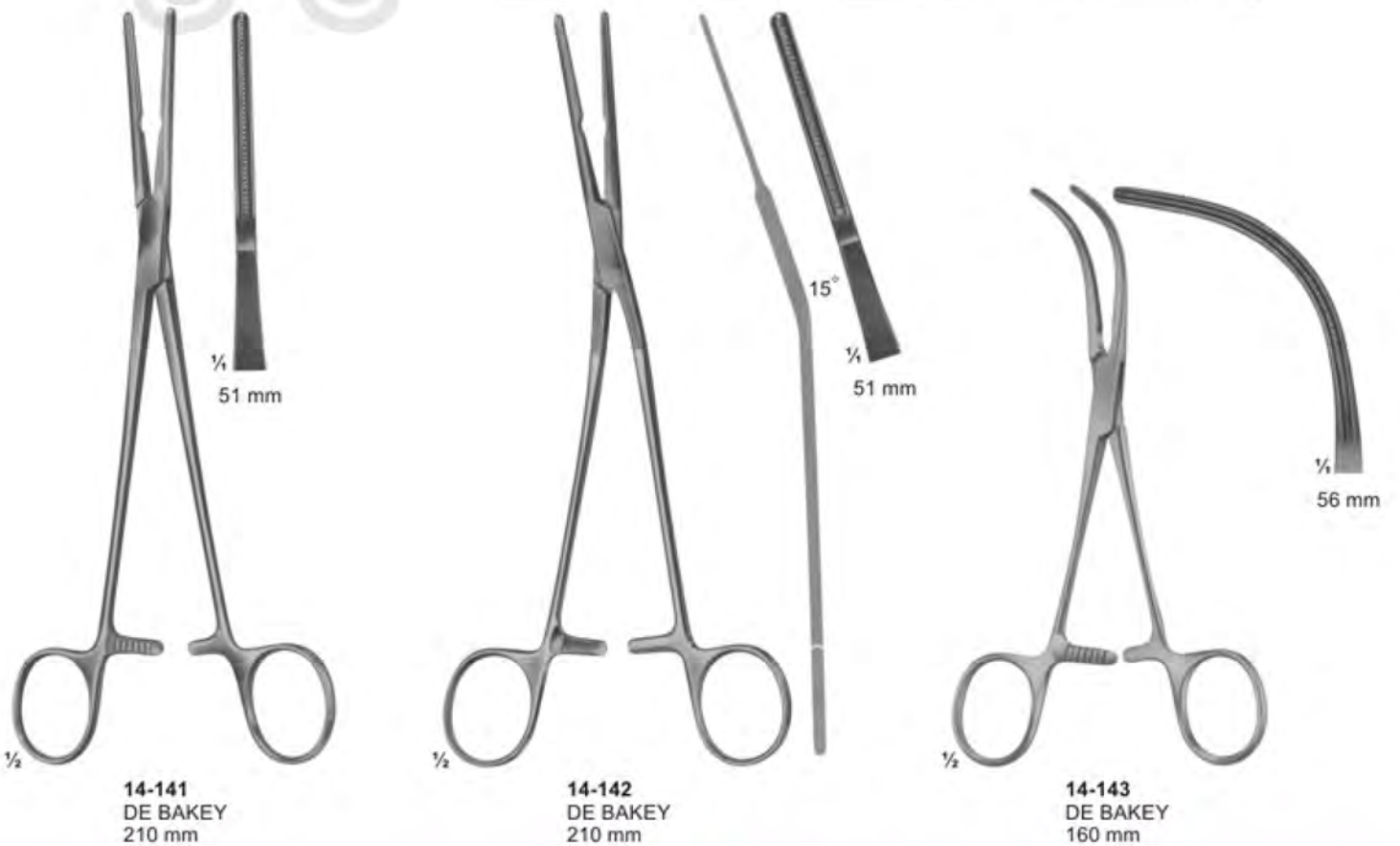


ATRAUMATA

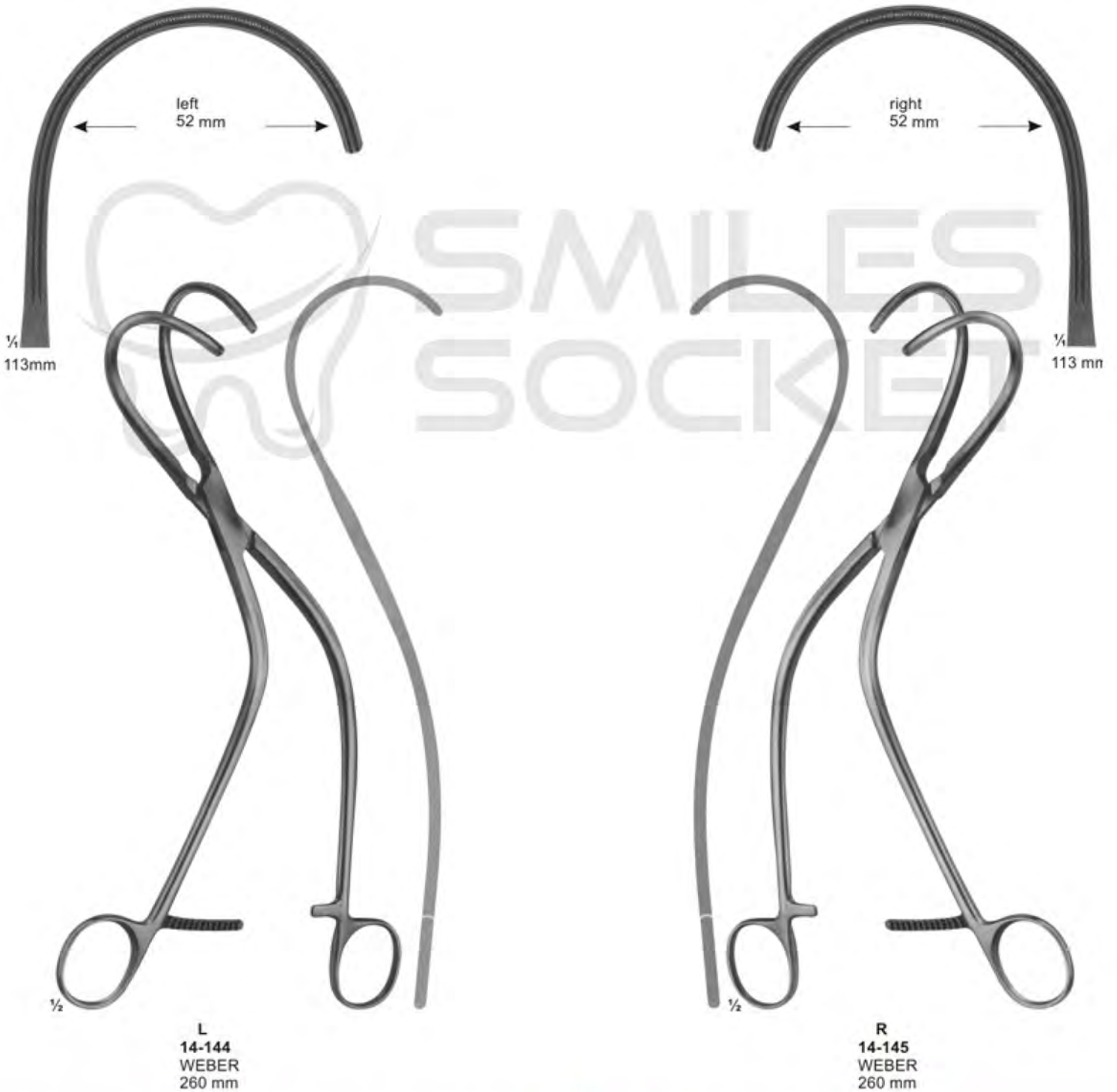
Anastomosis- and Multi- Purpose- Clamps- Pediatric types



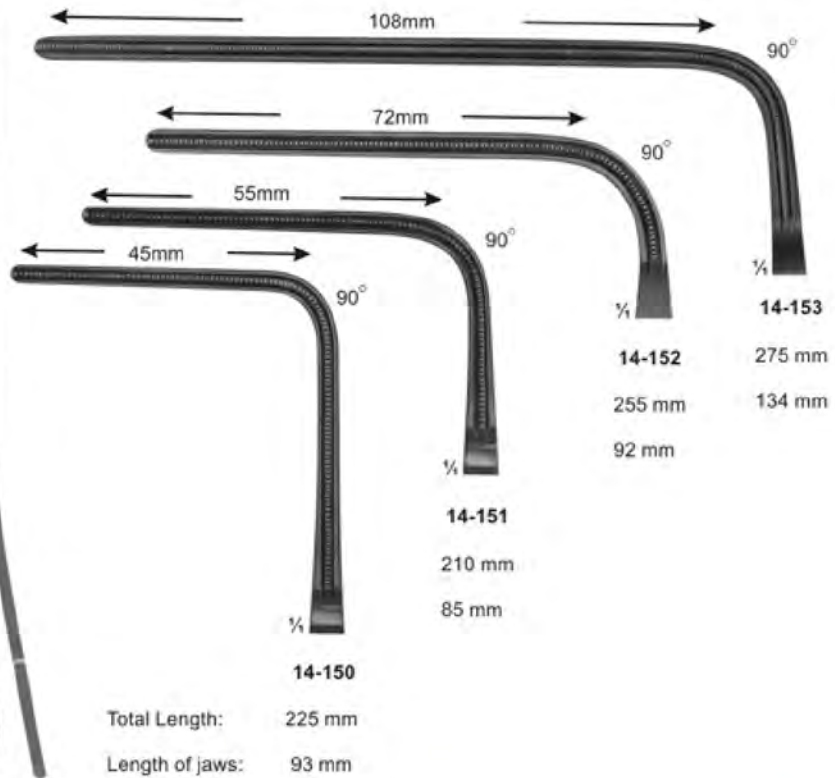
**ATRAUMATA
Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamp**



Aorta- Anastomosis Clamps



Multi- Purpose-Clamps



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

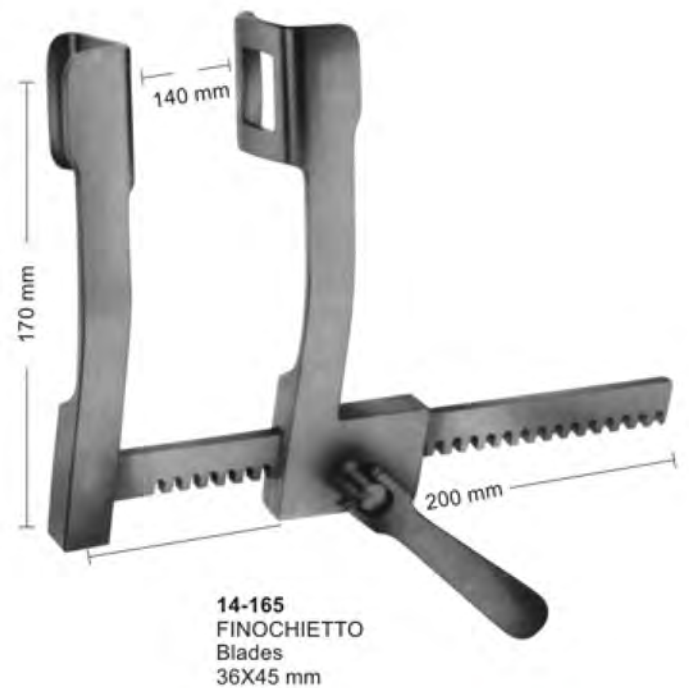
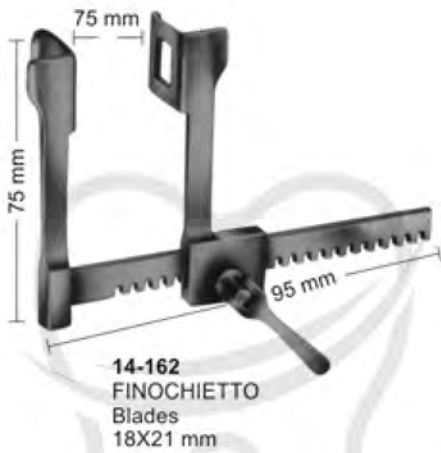


14-160
BRUNNER
Universal pattern
340 mm



14-161
GIERTZ-STILLE
250 mm

Rib Spreaders



Rib Spreaders-and Contractors



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



**14-167
BAILEY**
150 mm



14-168
for children

14-169
for adults

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


Punches


130° upwards cutting


15-101
1 mm 


KERRISON - JACOBY

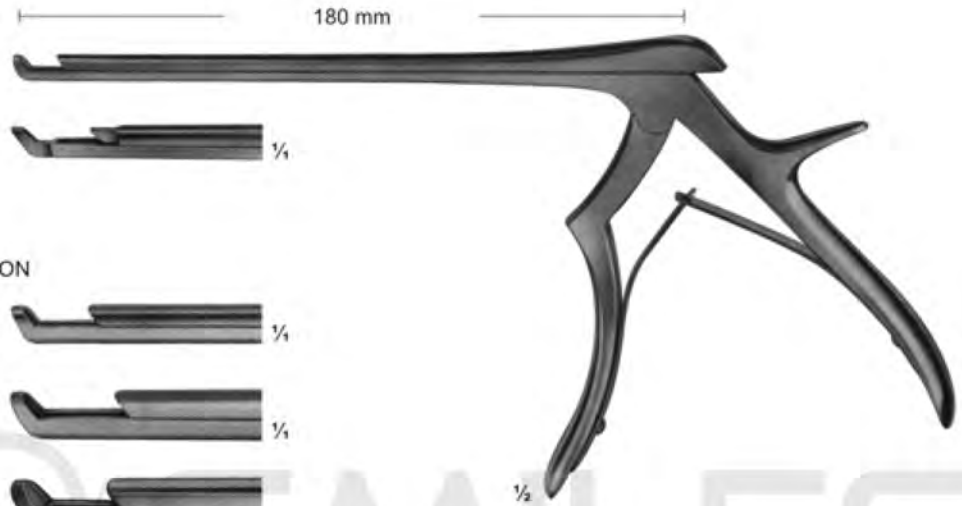
FERRIS-SMITH-KERRISON

15-102
2 mm 

15-103
3 mm 

15-104
4 mm 


15-105
5 mm 




15-101 - 105


90° upwards cutting


KERRISON - JACOBY


15-106
1 mm 

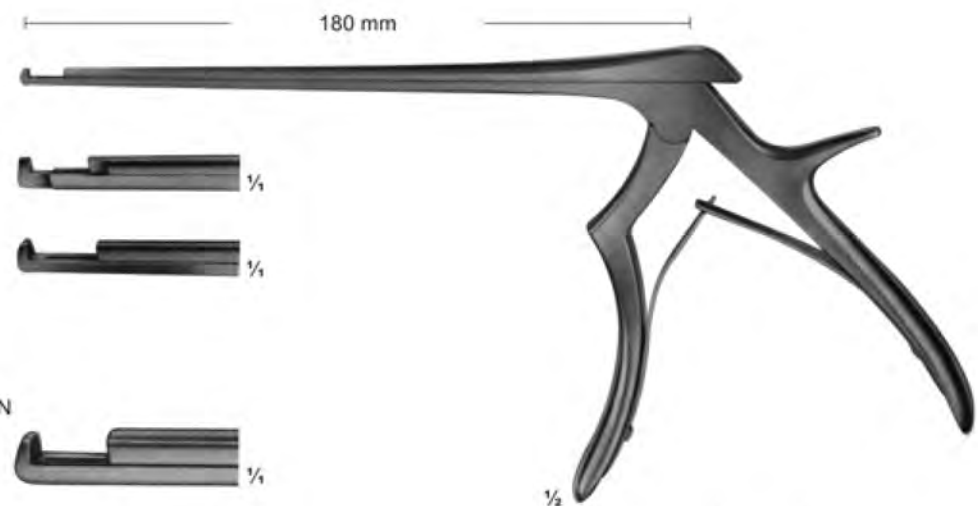
15-107
2 mm 

FERRIS-SMITH-KERRISON

15-108
3 mm 

15-109
4 mm 

15-110
5 mm 



15-106 - 110

Punches

90° upwards cutting



15-111
4 mm



1/4

15-112
5 mm



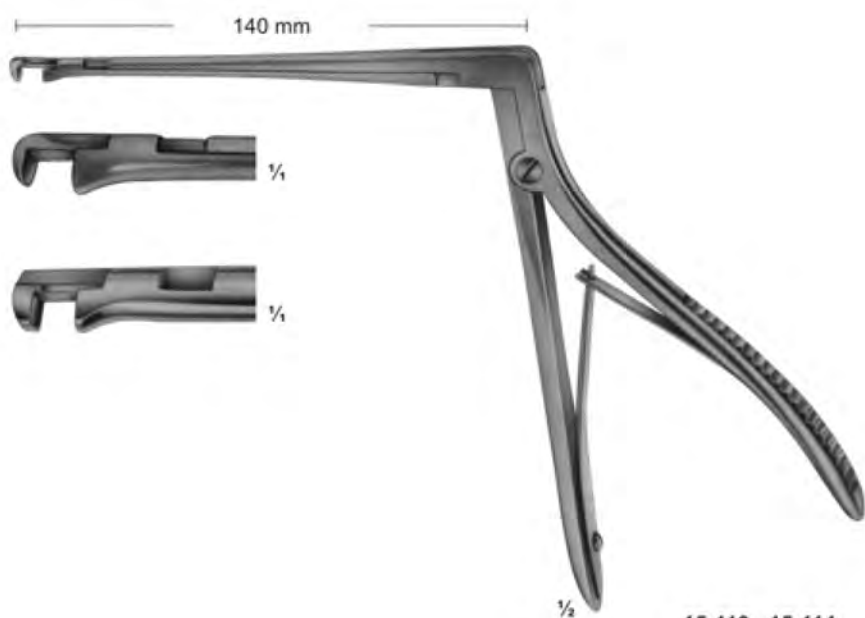
1/4

15-111 - 15-112
KERRISON



SMILES
SOCKET

90° upwards cutting



15-113
3,3 mm



1/4

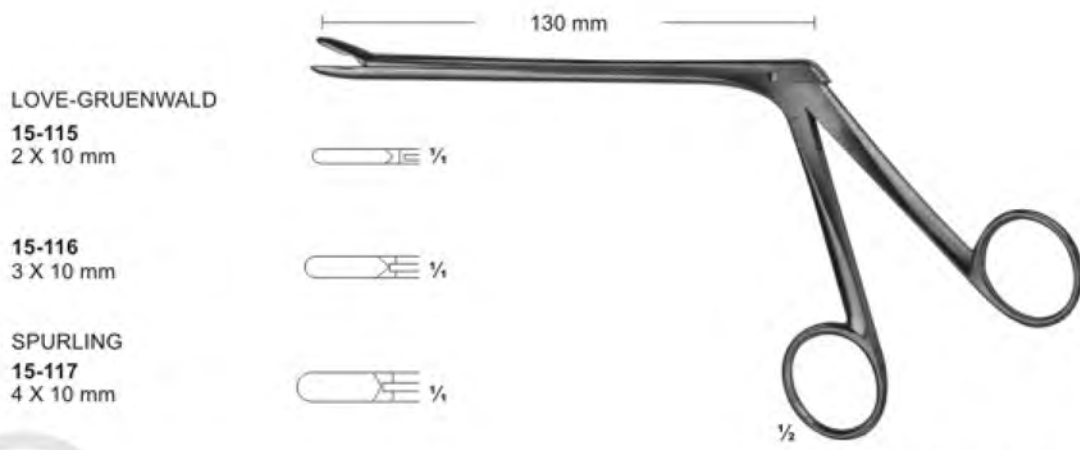
15-114
4,0 mm



1/4

15-113 - 15-114
HAJEK-KOFLER

Rongeurs

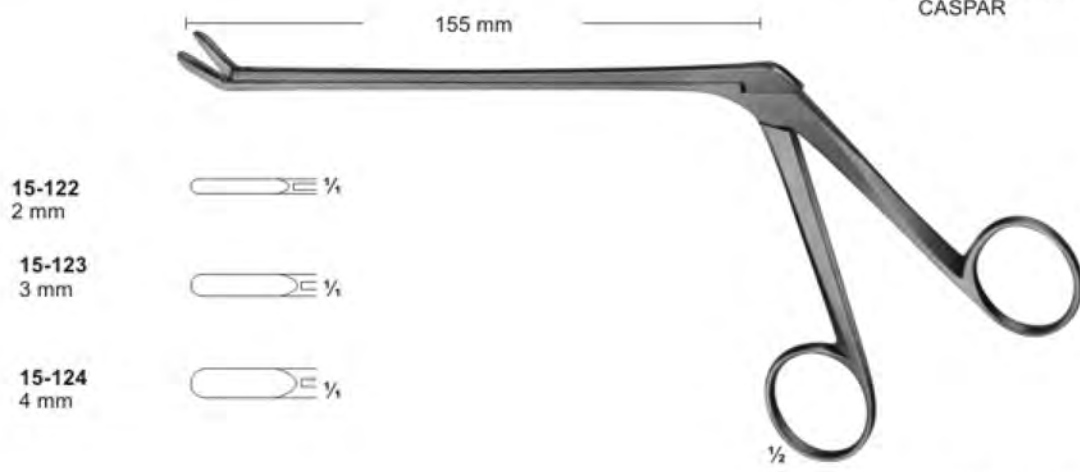


15-115 - 15-117



15-118 - 15-121
CASPAR

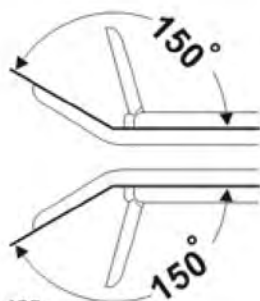
150°



15-122 - 15-124
CASPAR

Rongeurs

Angled positions for rongeurs



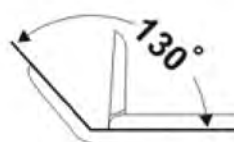
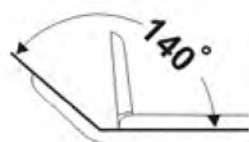
15-125
3,0 mm

15-126
3,6 mm

15-127
4,2 mm

15-128
4,8 mm

15-129
5,8 mm



120 mm

1/4

1/4

1/4

1/4

1/4

1/4

15-125 - 15-129
WEIL-BLAKESLEY

120 mm

1/4

15-130
TAKAHASHI
3 mm

130°

120 mm

1/4

15-131
TAKAHASHI
3 mm

Rongeurs

150°

Lower part of jaws movable

15-132
2 mm

15-133
3 mm

15-134
4 mm



15-132 - 15-134
CASPAR

Length of shaft
140 mm

Length of shaft
160 mm

Length of shaft
185 mm

size of jaws

15-135

15-140

15-145

2 X12 mm

 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



15-135 - 15-149
CASPAR

150°

Length of shaft
140 mm

Length of shaft
160 mm

Length of shaft
185 mm

size of jaws

15-150

15-153

15-156

3 X12 mm

 1/4

15-151

15-154

15-157

4 X14 mm

 1/4

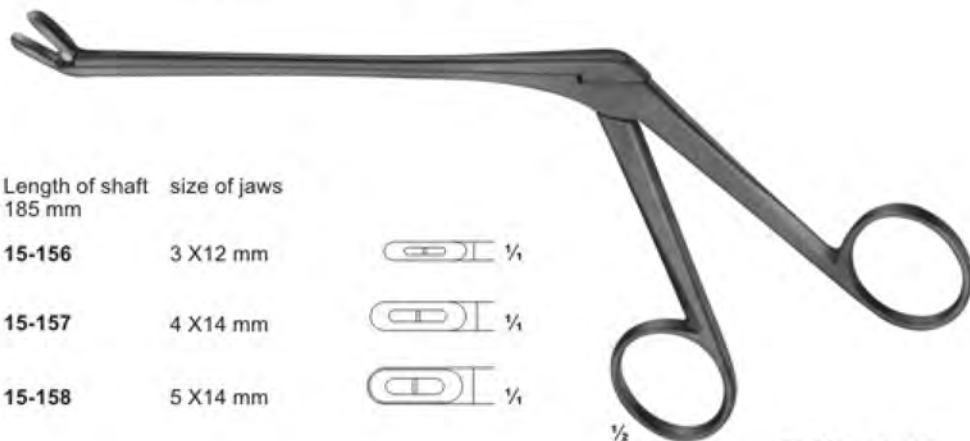
15-152

15-155

15-158

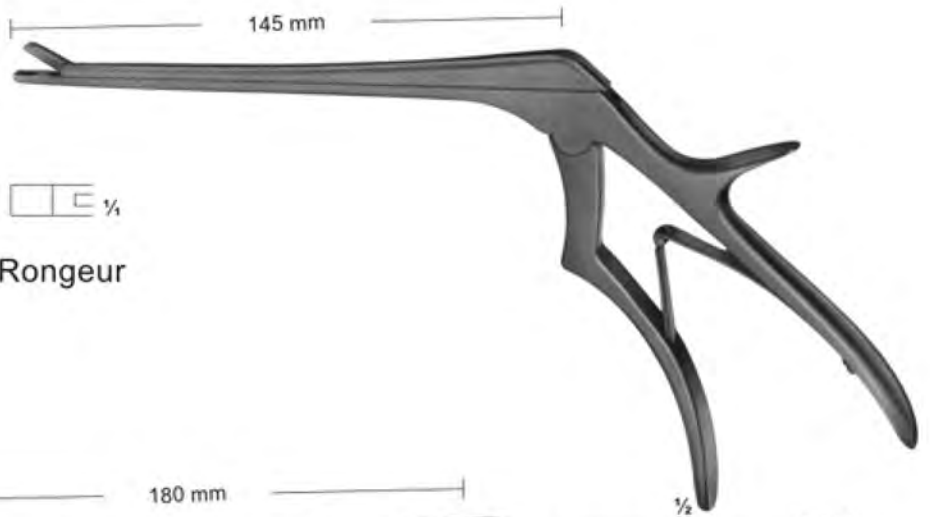
5 X14 mm

 1/4



15-150 - 15-158
CASPAR

Rongeurs

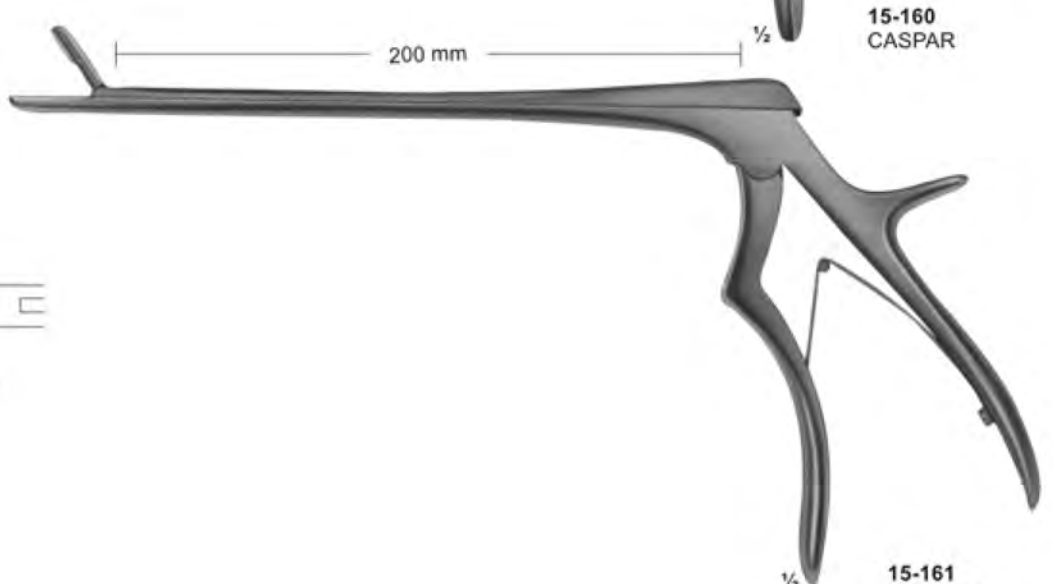


15-159
4 mm
□ ⊂ ¼
Osteophyte Rongeur



15-160
4 mm
□ ⊂ ¼
Osteophyte Rongeur

15-159
CASPAR

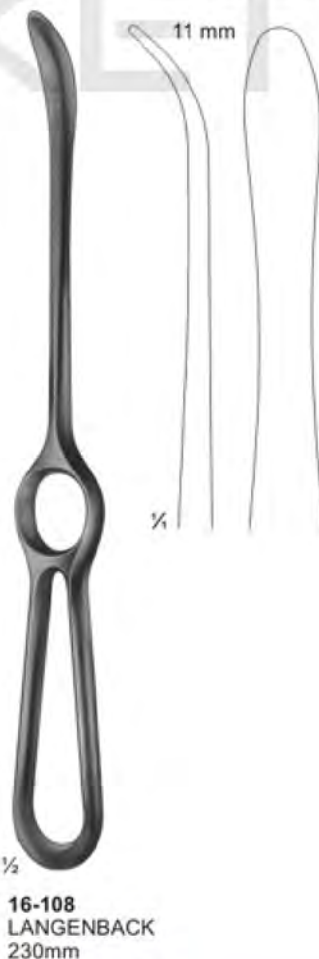
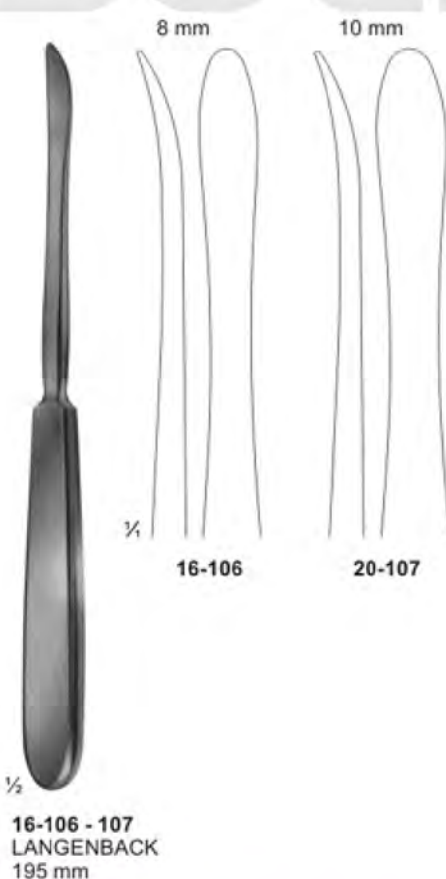
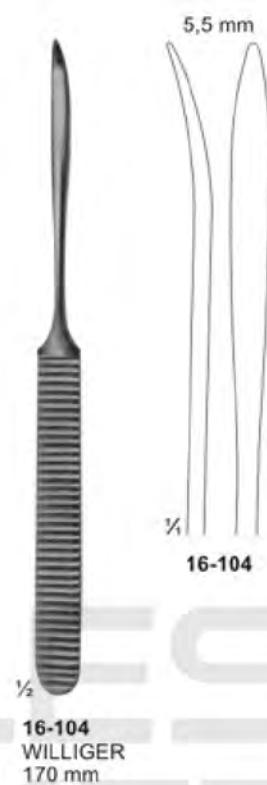
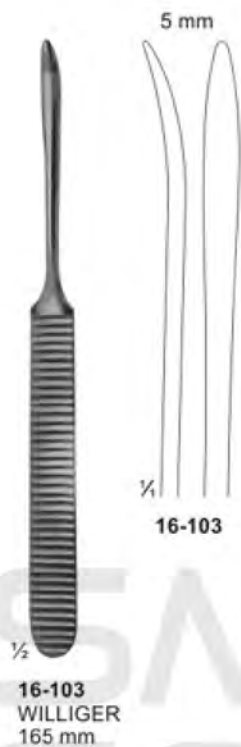
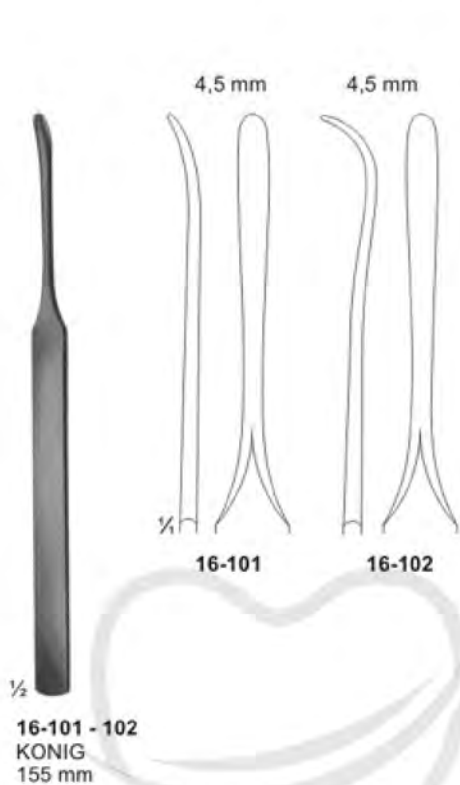


15-161
5,5 mm
○ ⊂
Very Heavy Pattern

15-160
CASPAR

15-161
WAGNER

Elevators and Bone Levers



Bone Levers



1/2
16-109
LANE TRETOWAN
215mm

1/2
16-110
LANE
255mm

1/2
16-111
LANGE-HOHMANN
250mm

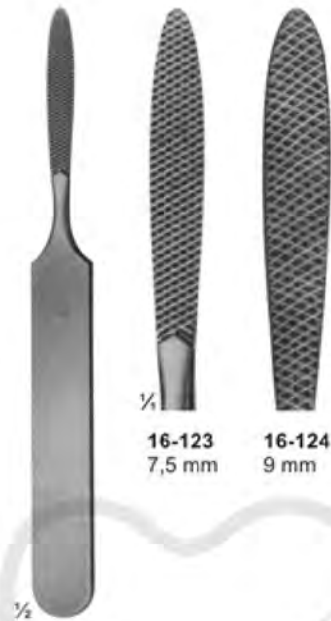
1/2
16-112 - 113
LANGE-HOHMANN modif.
16-112 265mm
16-113 280mm

16-112
30 mm
16-113
33 mm

Raspatories



Bone File and Rasps



**16-123
JOSEPH**
fine, chequered

16-124
coarse, chequered
165 mm



16-125
8 mm
fine teeth

16-126
8 mm
coarse teeth
175 mm

16-125 - 16-126
LEWIS



16-127
MALTZ
down stroke
180 mm

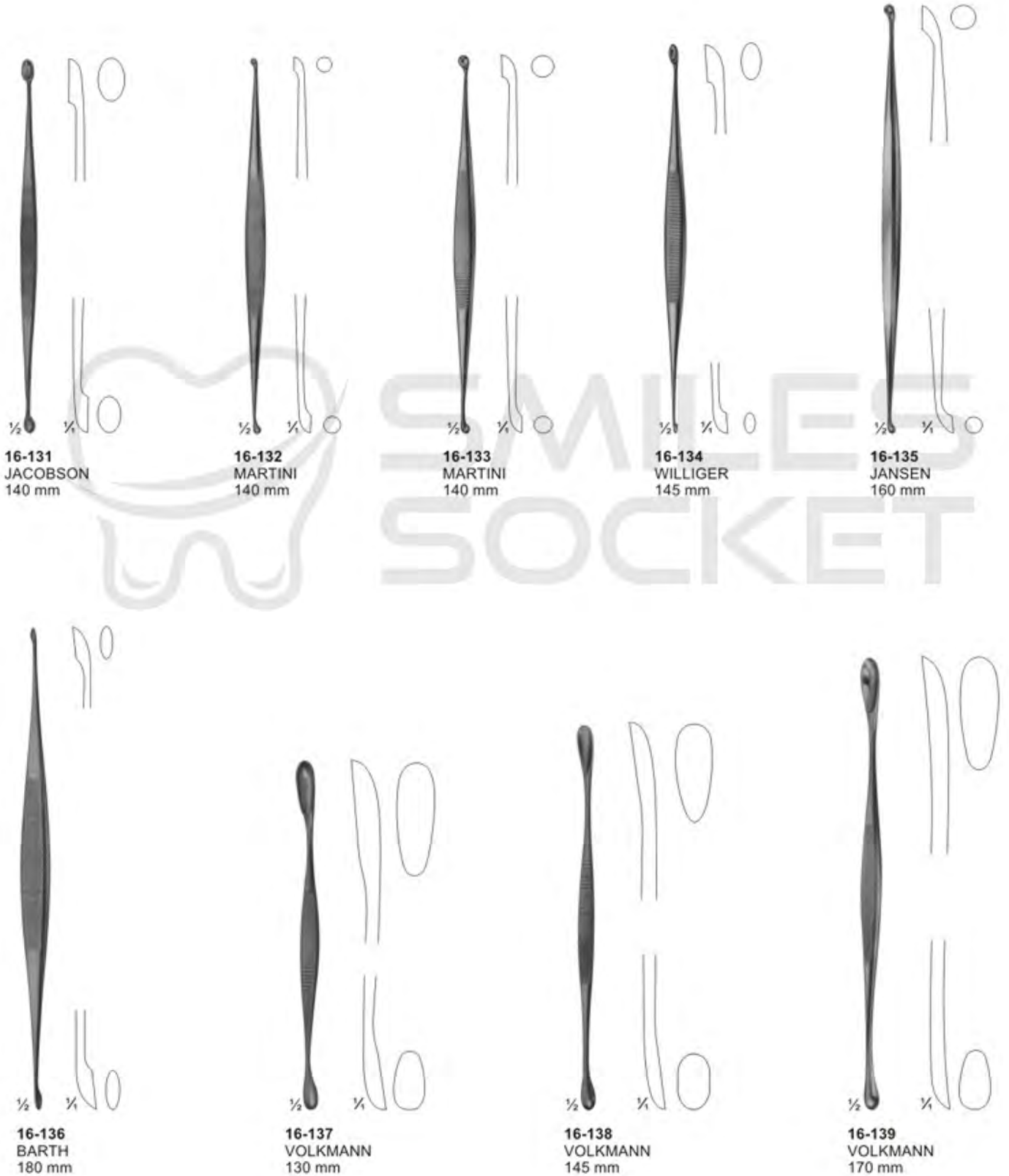


16-128 - 16-129
AUFRIECHT
up stroke
16-129
down stroke
220 mm



16-130
GALLAHER
190 mm

Bone Curettes



Mallets Weights refer to the heads of the mallets

Hammer Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers



∅ 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

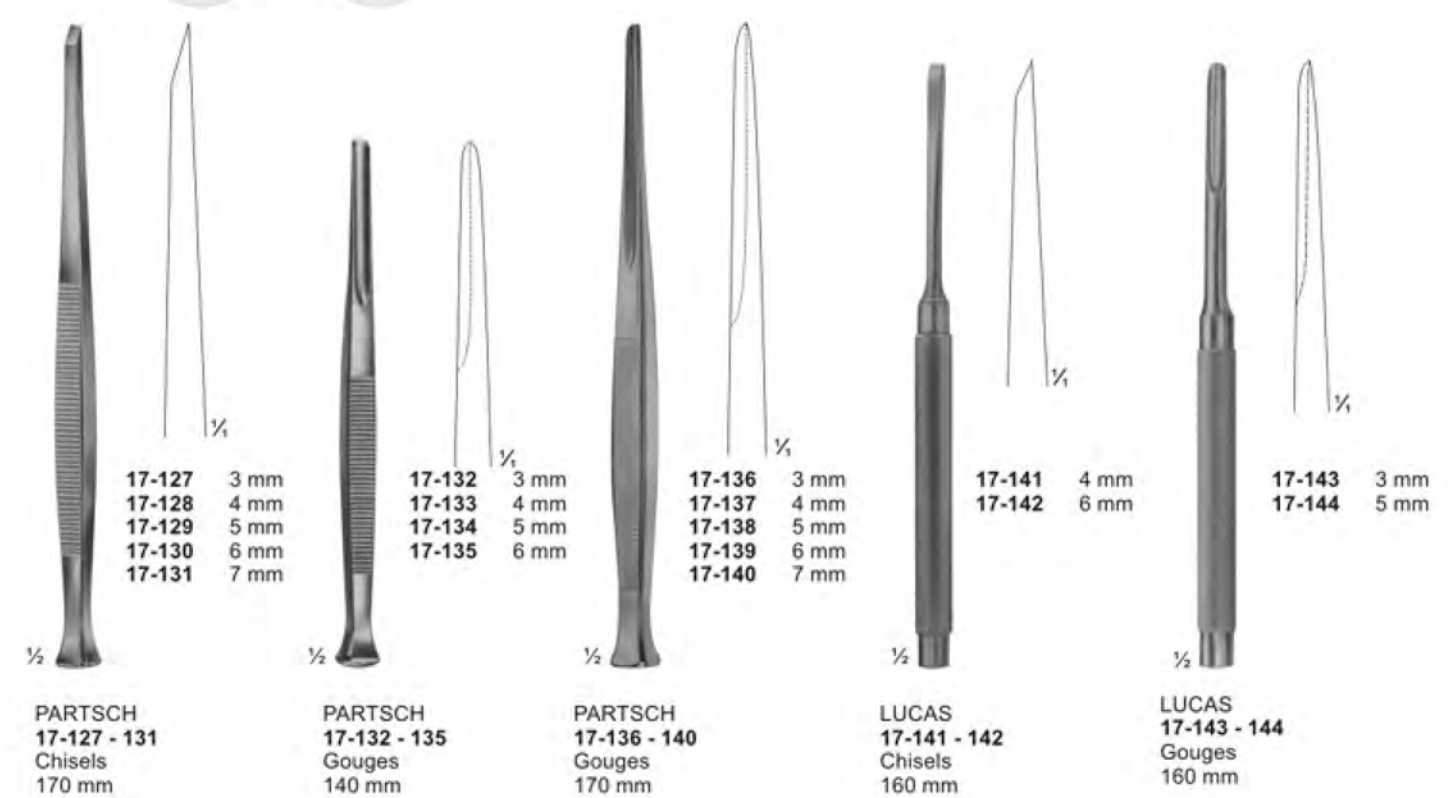
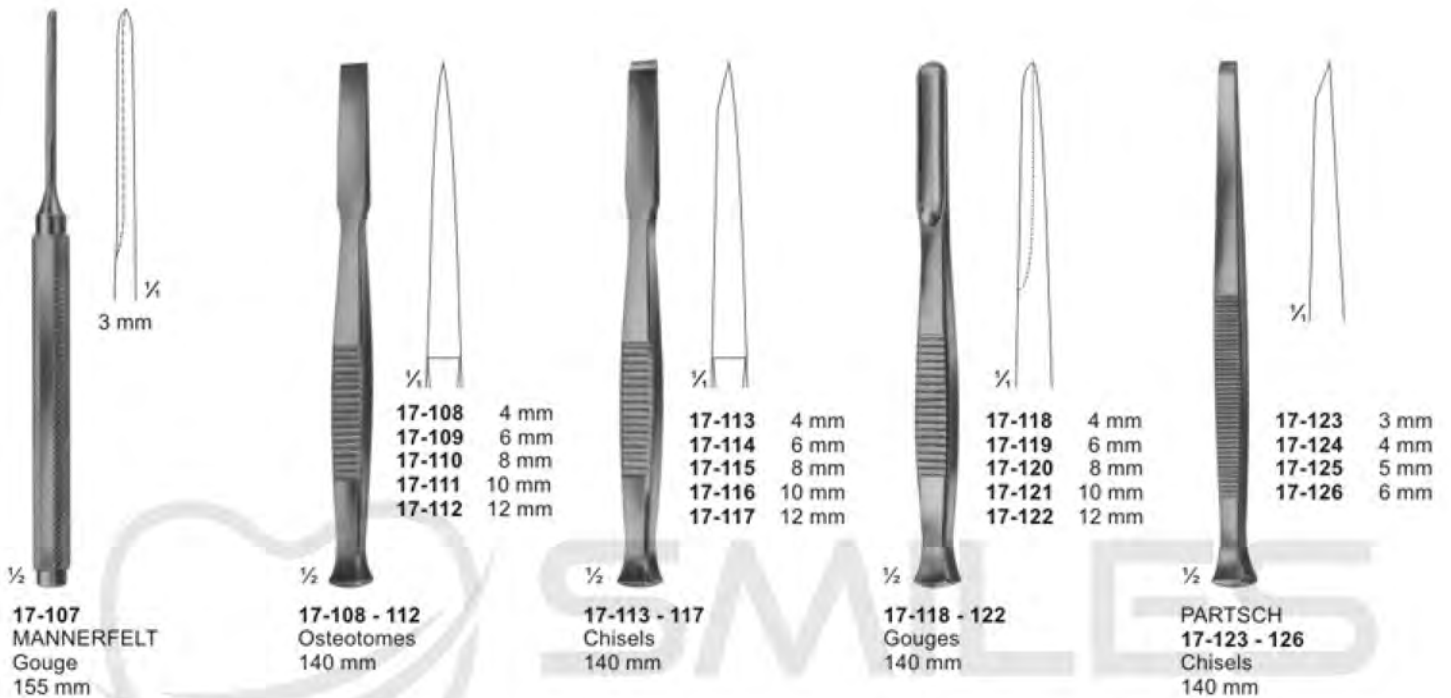


∅ 22 mm

½

17-106
165 g
lead filled head
190 mm

Osteotomes, Chisels and Gouges



Reposition Forceps, Bone Holding Forceps



17-145
Patella forceps
185 mm



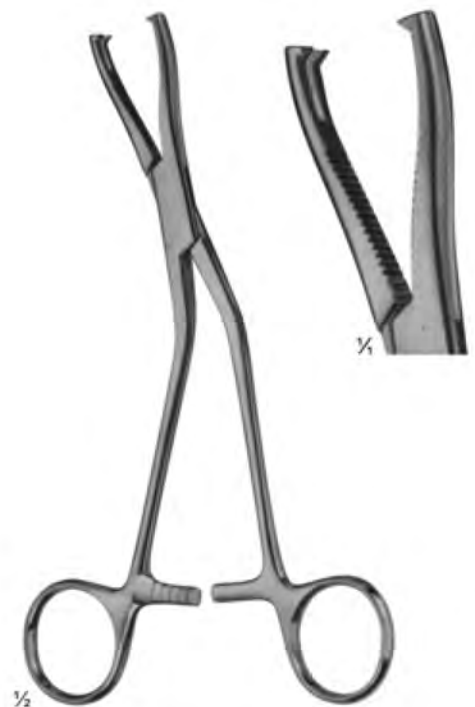
17-146
Forceps with
ratchet fixation
140 mm



17-147
Forceps with
thread fixation
170 mm



17-148
Forceps with
thread fixation
235 mm



17-149
DINGMANN
185 mm

Bone Holding Forceps & Bone Clamps



Bone Rongeurs



17-158
LUER
150 mm



17-159
LUER
155 mm



17-160
BLUMENTHAL
155 mm



17-161
BLUMENTHAL
150 mm



17-162

17-163



17-162 - 163
JANSEN
175 mm



17-164
BANE-HARTMANN
175 mm

Bone Rongeurs



**17-165
STILLE
235 mm**

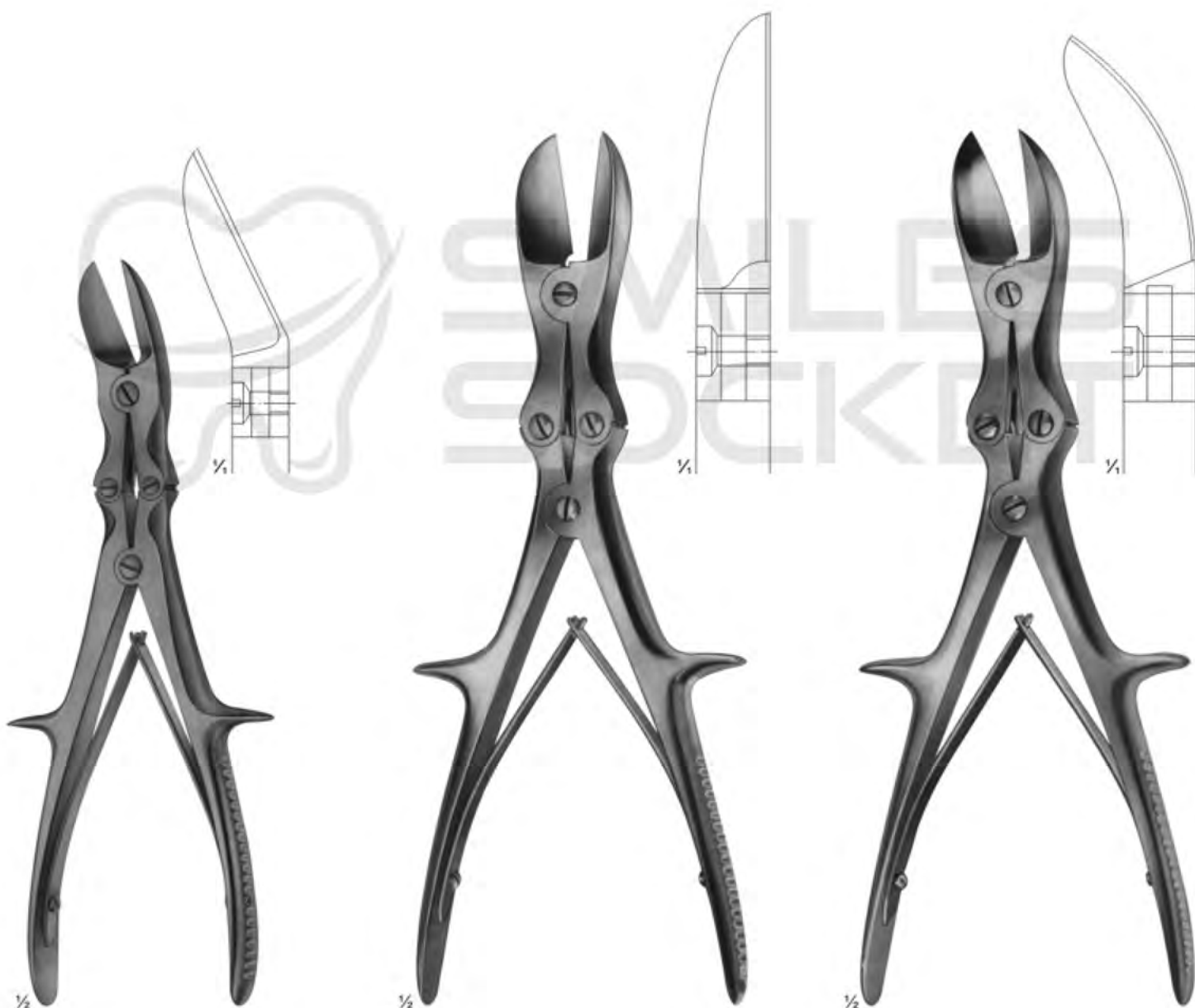


**17-166
LEKSELL-STILLE
240mm**



**17-167
STILLE-RUSKIN
240mm**

Bone Cutting Forceps

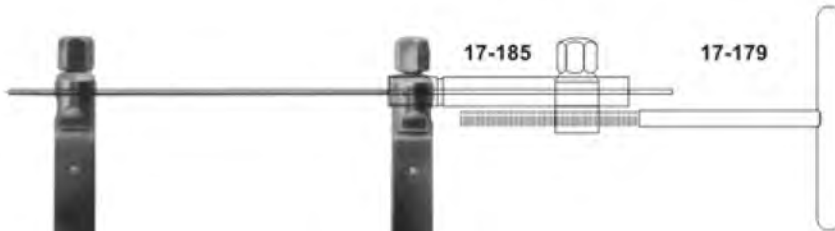


17-168
LISTON
curved on flat
240 mm

17-169
LISTON
straight
280 mm

17-170
LISTON
curved on flat
280 mm

Wire Extension



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

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



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



17-179
 Wire tightener, with
 clamping jaws



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

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



17-180
 Traction hook only,
 large size



17-181
 Traction hook only,
 small size



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

Cerclage Instruments



**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
transverse grooves
170 mm



17-199
190 mm

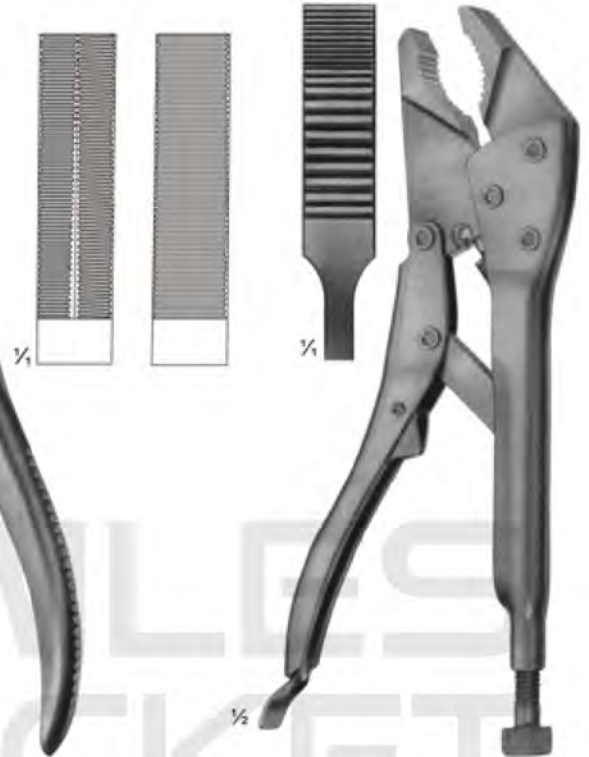
Wire Holding forceps, Flat-nosed Pliers, Pliers for bending and cutting wires



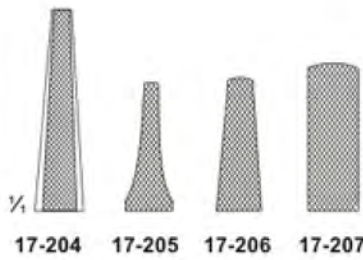
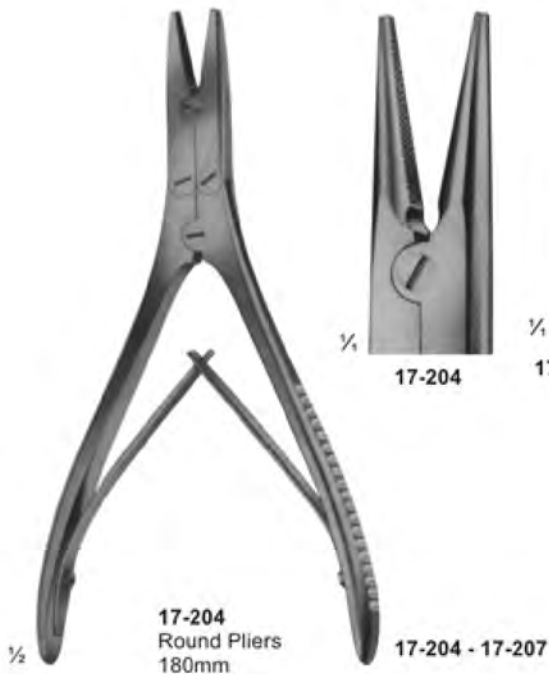
17-200 - 17-201
Extraction pliers
for boring wires



17-202
Flat-nosed pliers,
parallel
185 mm



17-203
Vise grip
200 mm



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



Wire Cutters and wire Cutting Scissors DUROTIP with Carbide Cutting Edges

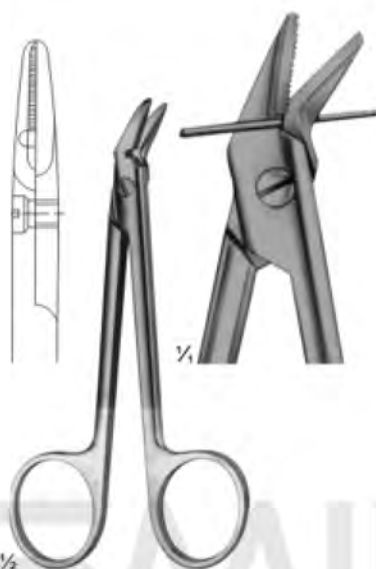


17-209
ANGLE
130 mm

17-210
DUROTIP
ANGLE
130 mm

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

0,5 mm 0,6 mm
0,3 mm 0,4 mm



17-211
120 mm

17-212
DUROTIP
120 mm

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

1,2 mm 1,2 mm
0,8 mm 0,8 mm



17-213
HARVEY
125 mm

0,4 mm
0,3 mm



17-214
150 mm

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

1,5 mm
1,0 mm



17-215
160 mm

1,5 mm
1,2 mm



17-216
140 mm
DUROTIP

1,5 mm
1,0 mm

Wire Cutting Pliers, Lateral Cutting Action



17-217
180 mm

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



17-218
REILL
175 mm

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



DUROTIP

17-219
235 mm

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

**Wire Cutting Pliers, Lateral and Front
Cutting Action**



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



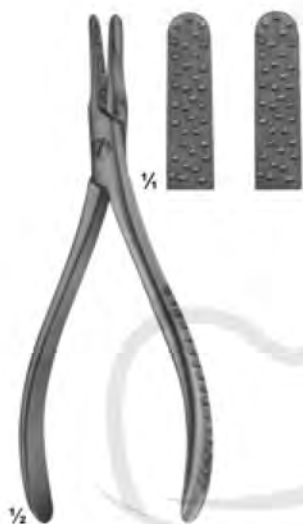
Cutter for cutting off
KIRSCHNER wires,
Tibia head screws,
bolts, pins, up to 3 mm diam.



DURROTIP

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



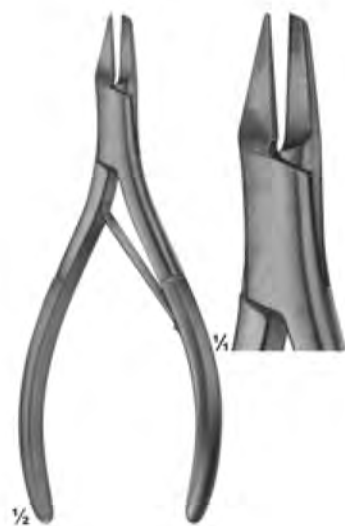
17-227
Nail extracting
forceps
145 mm



17-228
Finger nail drill
with 3 drill points

17-228 17-229 17-230

Drill points only



17-231
Nail splitting
forceps
135 mm



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



17-233
Finger ring saw
150 mm

Spare blade
17-234

Plaster Shears

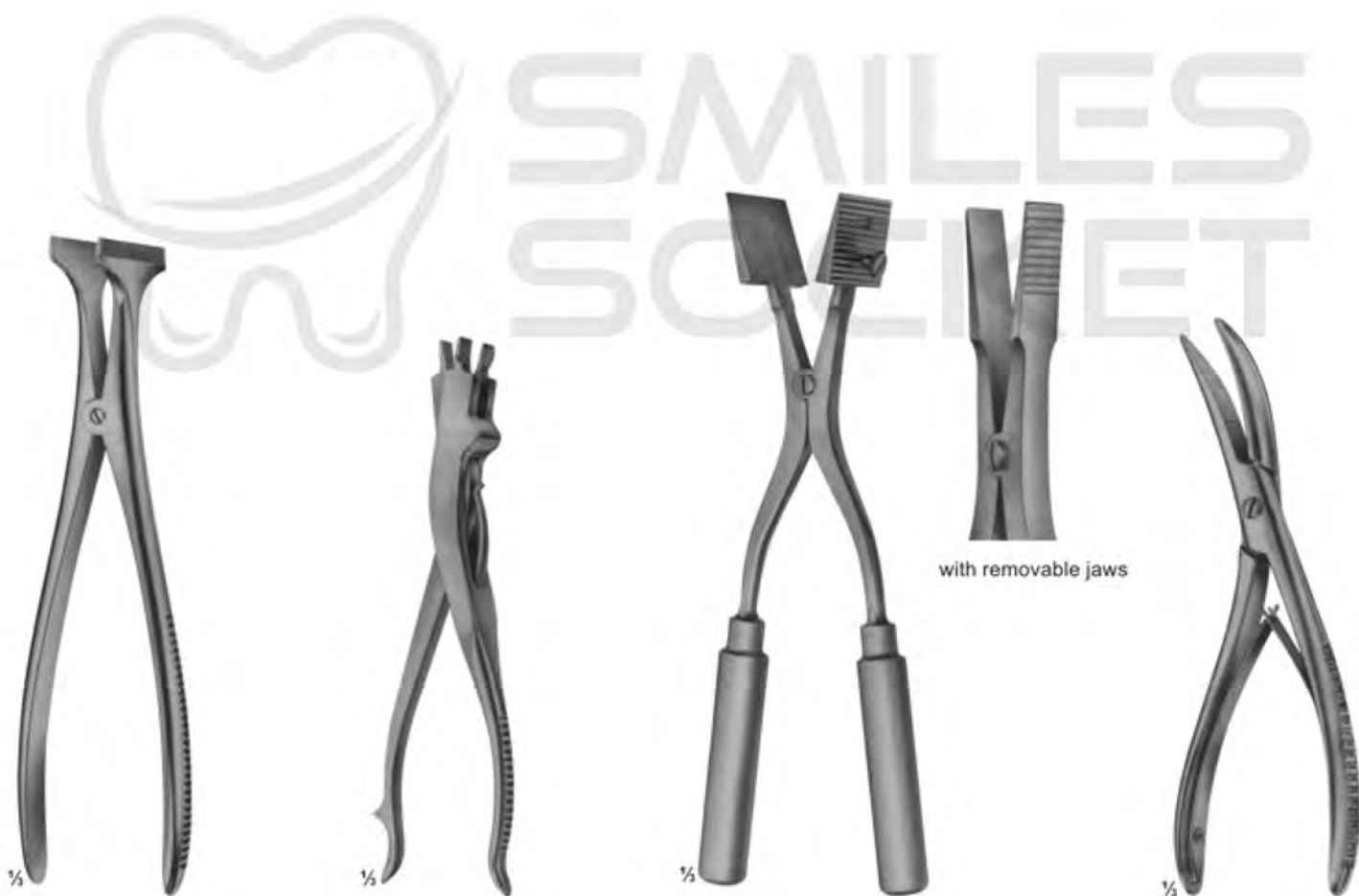


17-235
STILLE-AESULAP
260 mm



17-236
STILLE-AESULAP
360 mm

Plaster Spreader, Plaster Breakers



17-237
HENING
270 mm

17-238
MOD.USA
230 mm

17-239
290 mm

with removable jaws

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

Vacuum Curettes for Aspiration Lipectomy, Suction Instruments



18-101 - 18-106
BIEMER

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

18-107 - 18-108
BIEMER

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

18-109 - 18-111
BIEMER

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

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

18-113
 Trocar
 For puncturing 150 mm

18-114
 For clearing large quantities of fluid 190 mm

Suction Instruments

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



olive
Ø 9 mm

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



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



18-117
Trocar
For puncturing
170 mm



18-118
Hollow needle,
sharp
150 mm



18-119
double curved
For general
surgery
230 mm



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



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

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

Suction Instruments

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



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

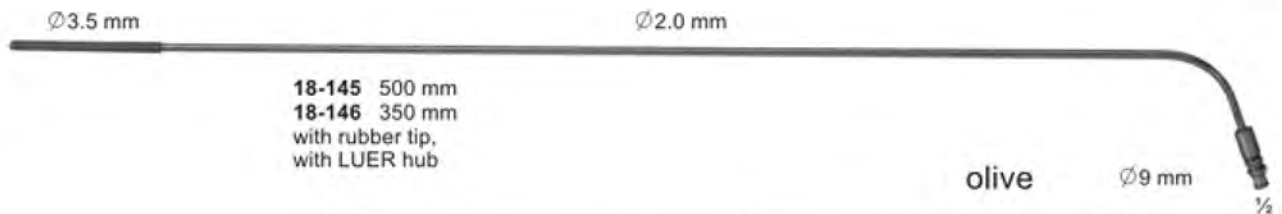
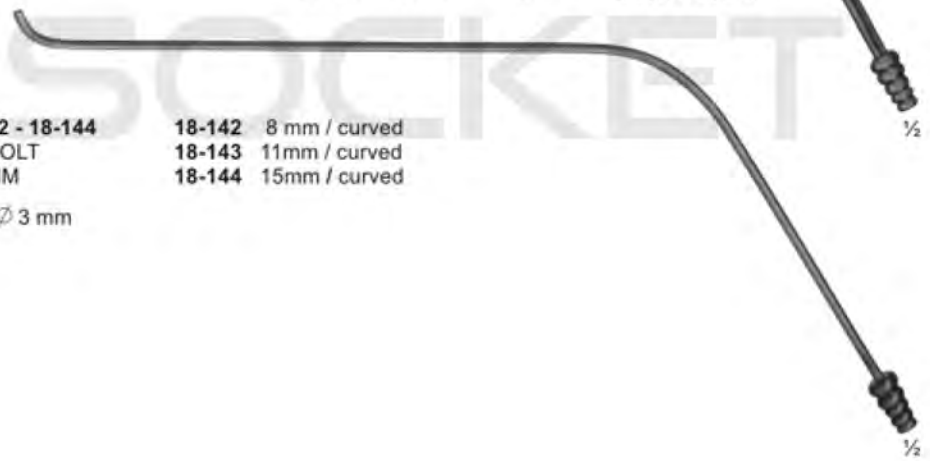


Usable length

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

18-142 - 18-144
LANDOLT
 150 MM
 diam \varnothing 3 mm

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

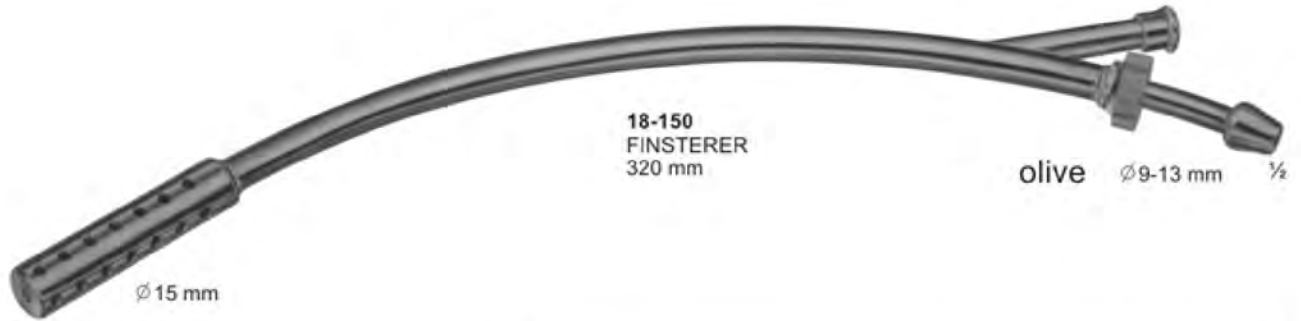


18-145 500 mm
18-146 350 mm
 with rubber tip,
 with LUER hub

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



**Combined Suction and Irrigation Cannulae,
Coagulation Suction Cannulae**



18-150
FINSTERER
320 mm

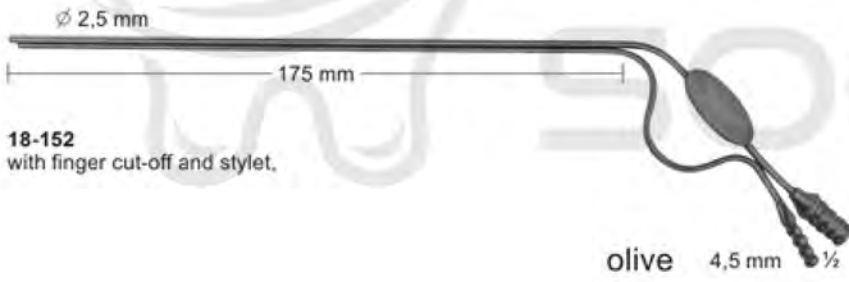
olive \varnothing 9-13 mm 1/2

\varnothing 15 mm



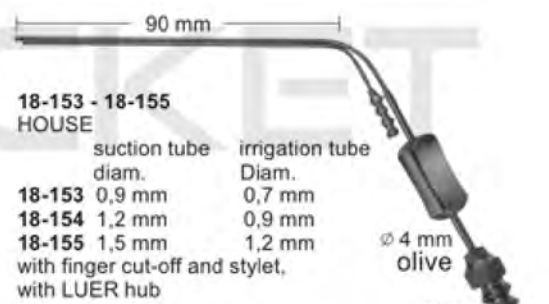
\varnothing 2 mm \varnothing 4,5 mm 1/2

18-151
YASARGIL
LUER-LOCK cone
200 mm



18-152
with finger cut-off and stylet.

olive 4,5 mm 1/2

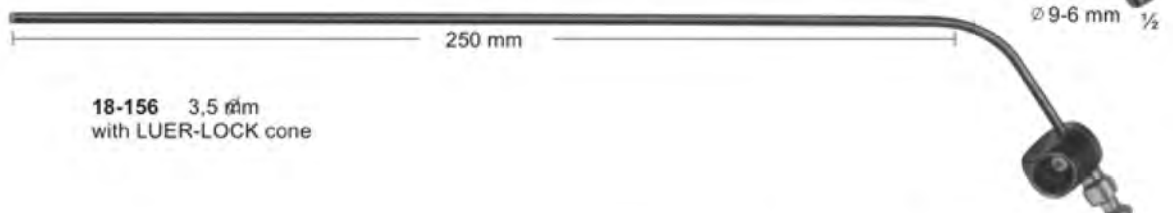


18-153 - 18-155
HOUSE

	suction tube diam.	irrigation tube Diam.
18-153	0,9 mm	0,7 mm
18-154	1,2 mm	0,9 mm
18-155	1,5 mm	1,2 mm

with finger cut-off and stylet,
with LUER hub

\varnothing 4 mm
olive
olive \varnothing 9-6 mm 1/2



18-156 3,5 \varnothing m
with LUER-LOCK cone



18-157 \varnothing 5.0 mm
LANDOLT
with finger cut-off and
stylet, can be sterilized
in an autoclave up to 3 bar (143 C)

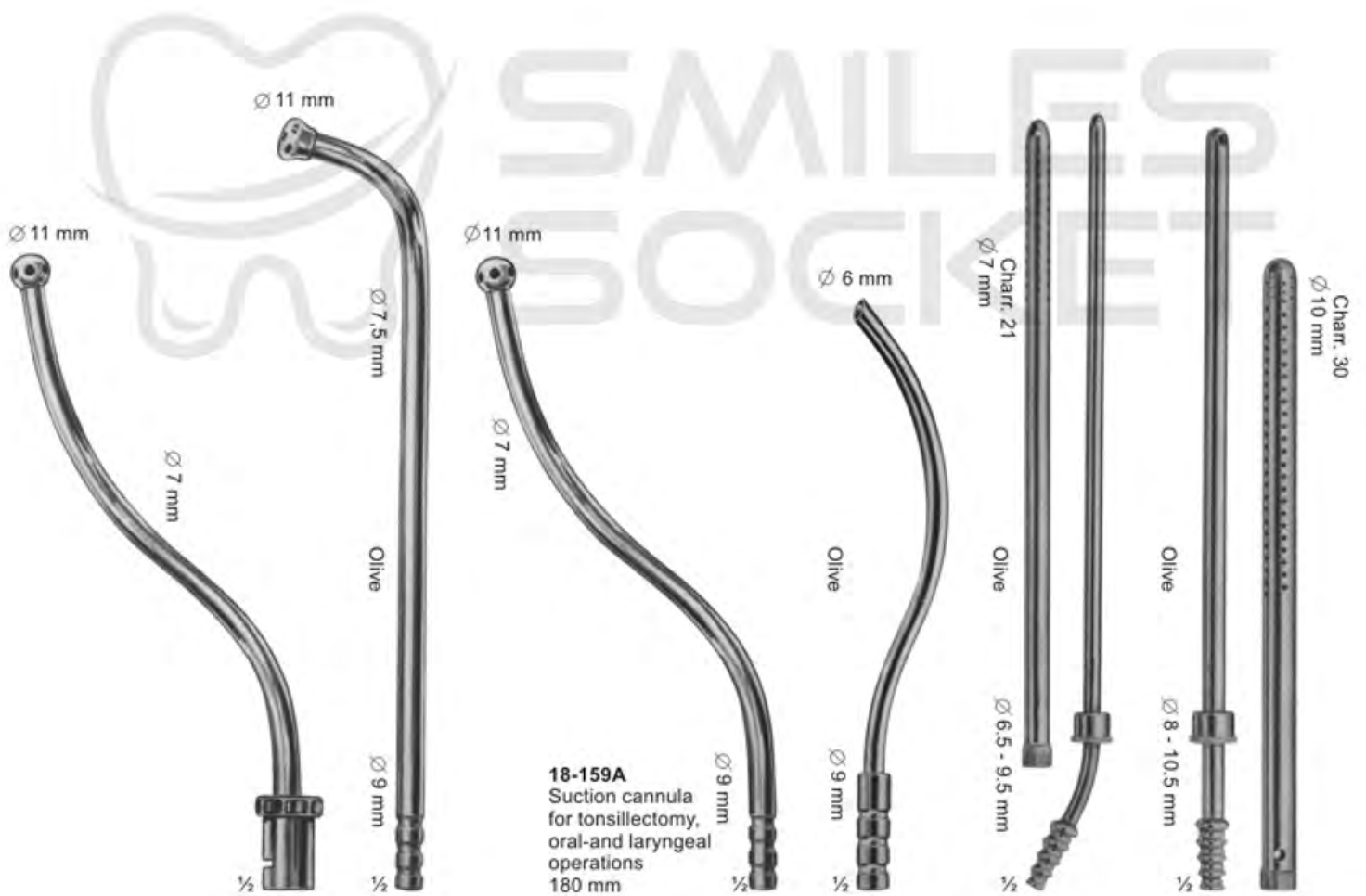
olive \varnothing 9 mm 1/2

Connection for
suction hose

\varnothing 7,5-12 mm
olive

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

Suction Instruments



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

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

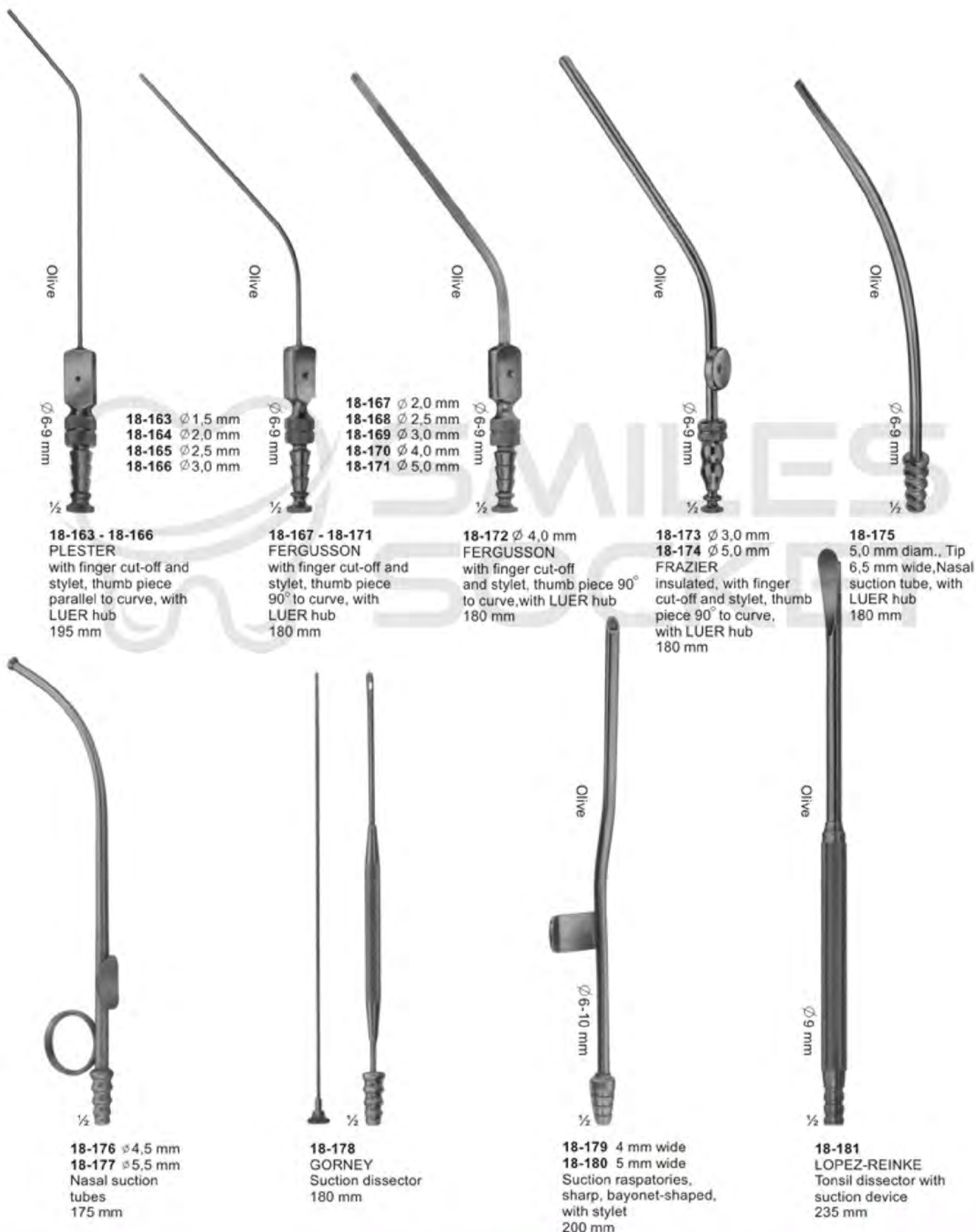
18-159A
Suction cannula
for tonsillectomy,
oral-and laryngeal
operations
180 mm

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 o
225 mm

Suction Instruments



Dissection Instruments



18-182

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



18-183

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



18-184

- 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 plastic handle.
- 11- Teasing needle CVD plastic 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



19-166 - 170

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

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



19-171
Ø 110 x 28 mm 0.15L



19-172
100 cc 0.1L



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



19-177
235 x 190 x 40 mm



19-178
Ø 220 x 70 mm

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



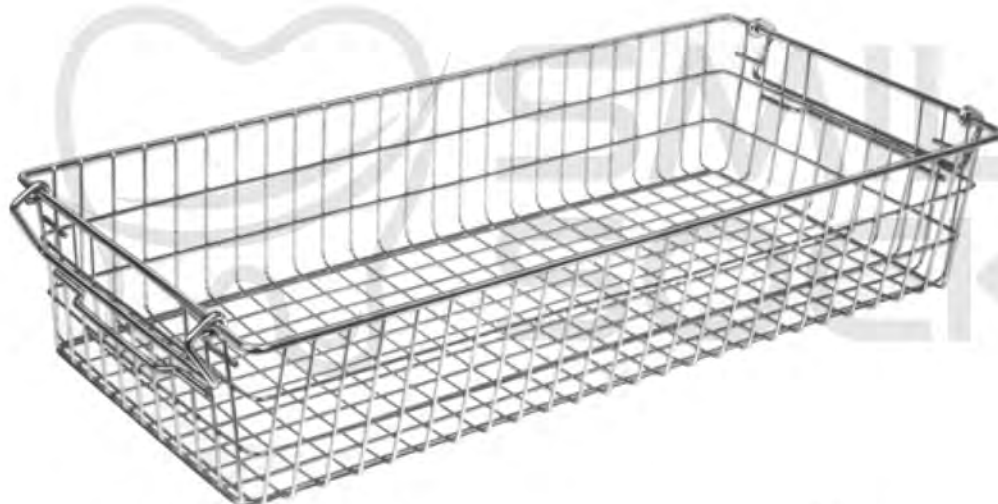
19-198
Deponette
245 x 135 x 60mm

Sterilizing Baskets / Trays

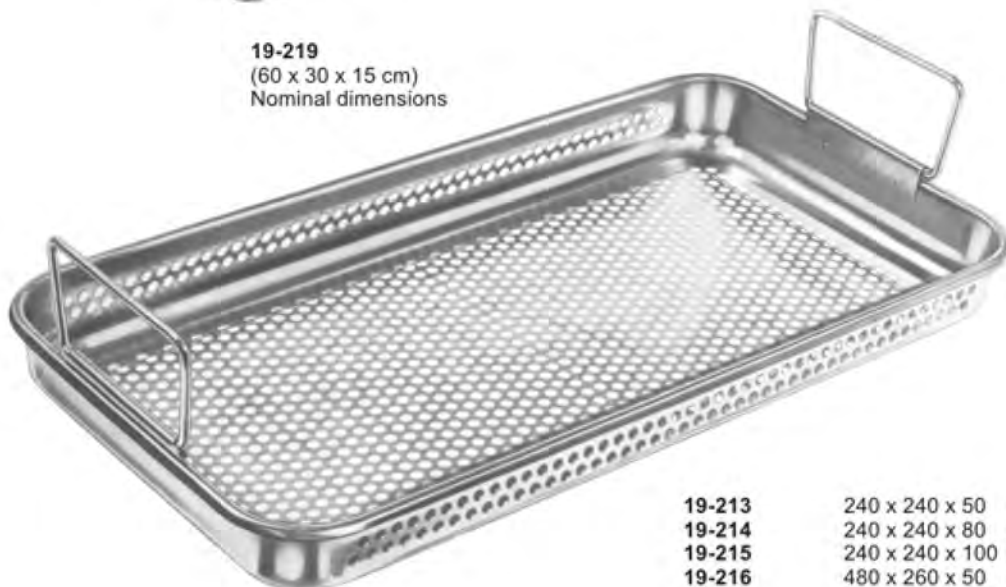


19-210 - 212

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



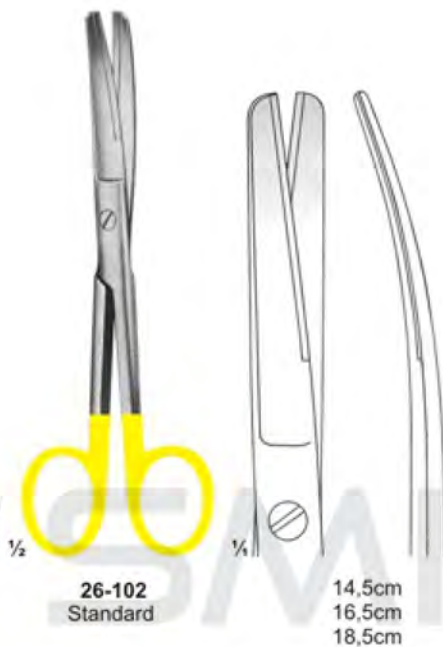
19-219
(60 x 30 x 15 cm)
Nominal dimensions



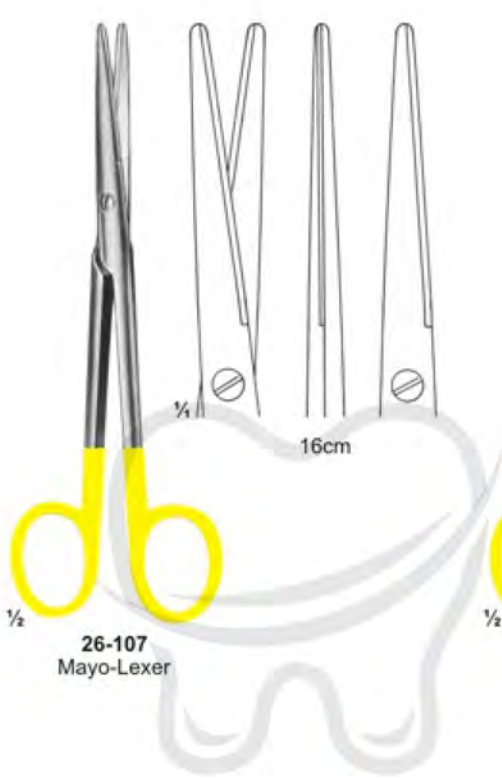
19-213 - 218

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



Scissors with Tungsten Carbide Inserts



26-107
Mayo-Lexer



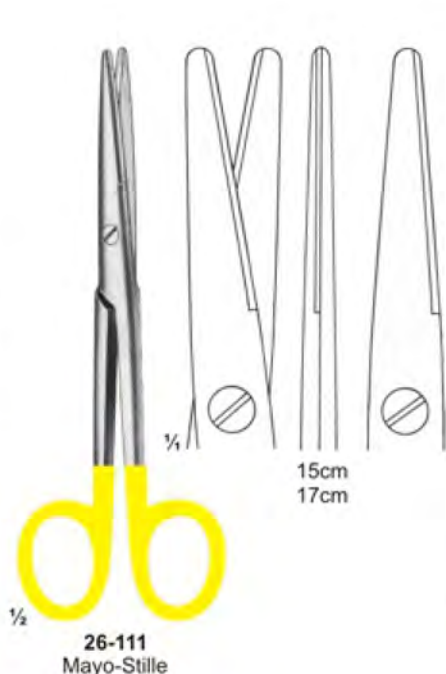
26-108
Mayo-Lexer



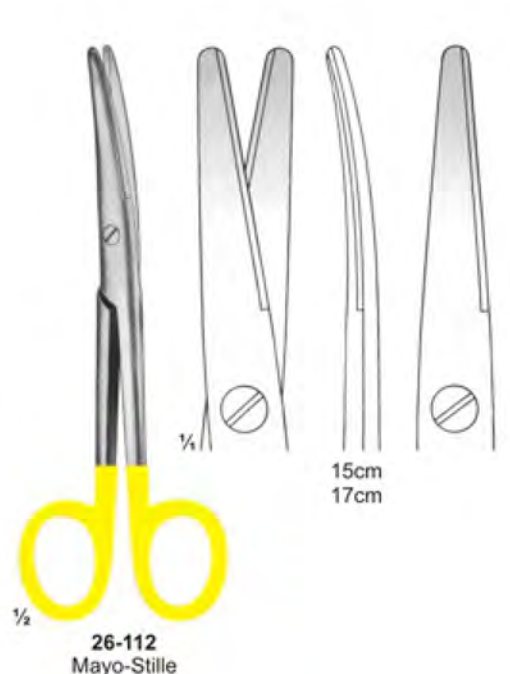
26-109
Lexer



26-110
Lexer



26-111
Mayo-Stille

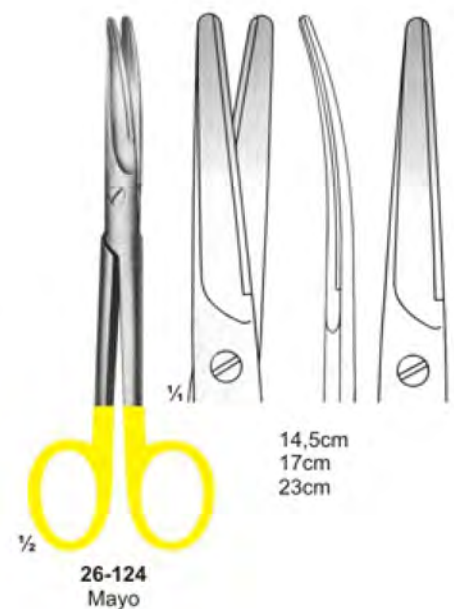
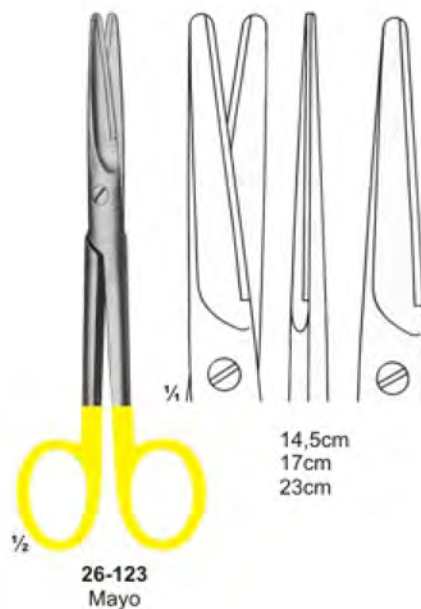
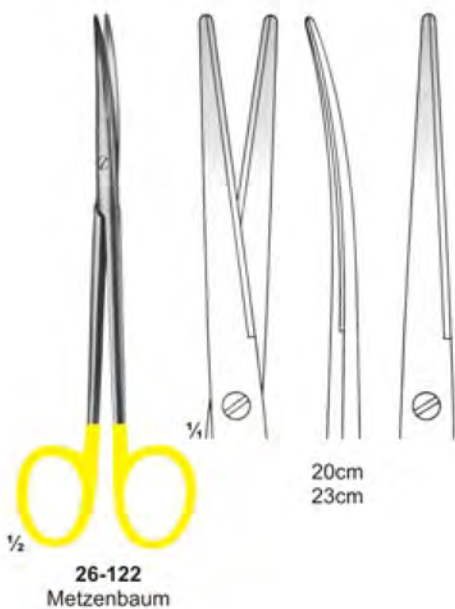
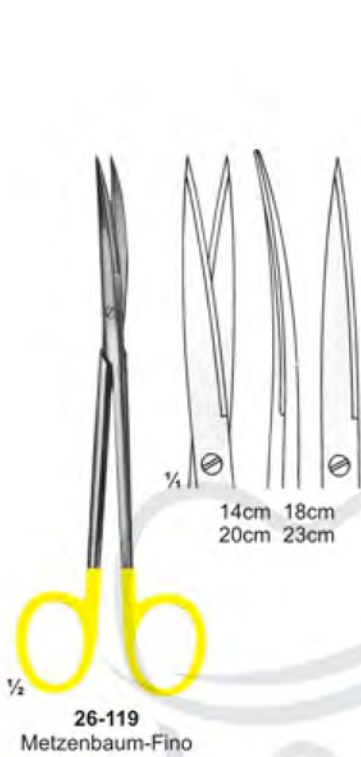


26-112
Mayo-Stille

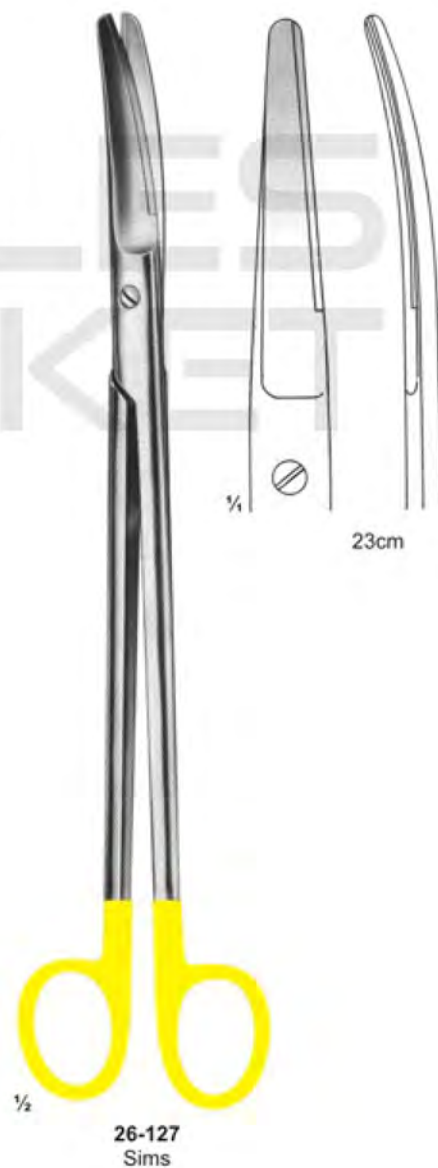
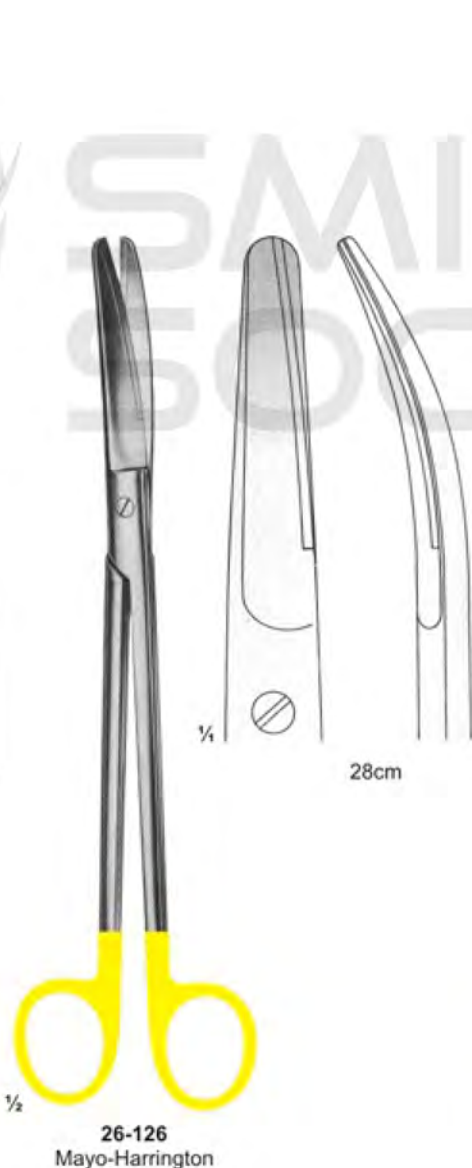
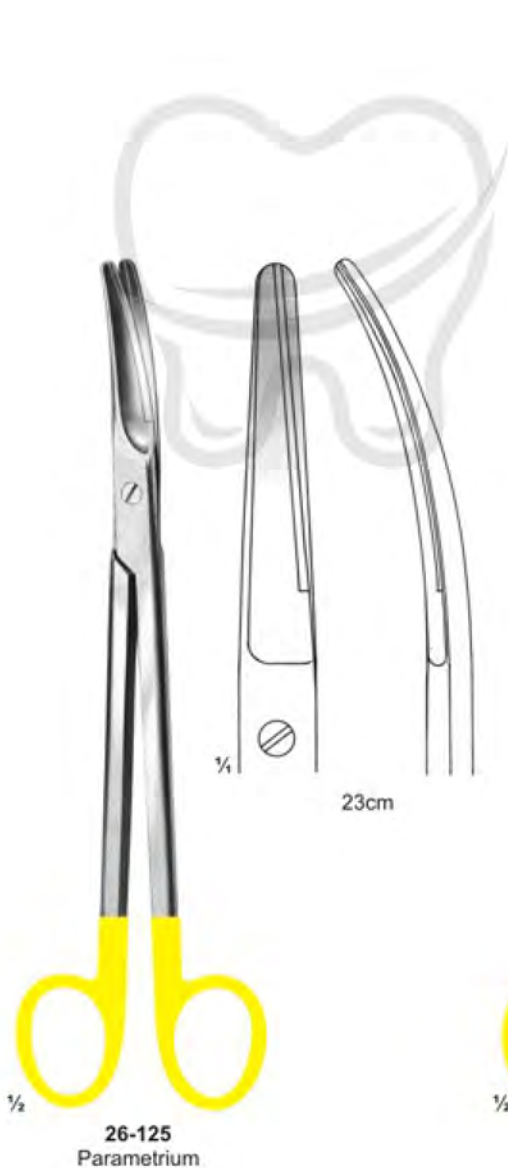
Scissors with Tungsten Carbide Inserts



Scissors with Tungsten Carbide Inserts



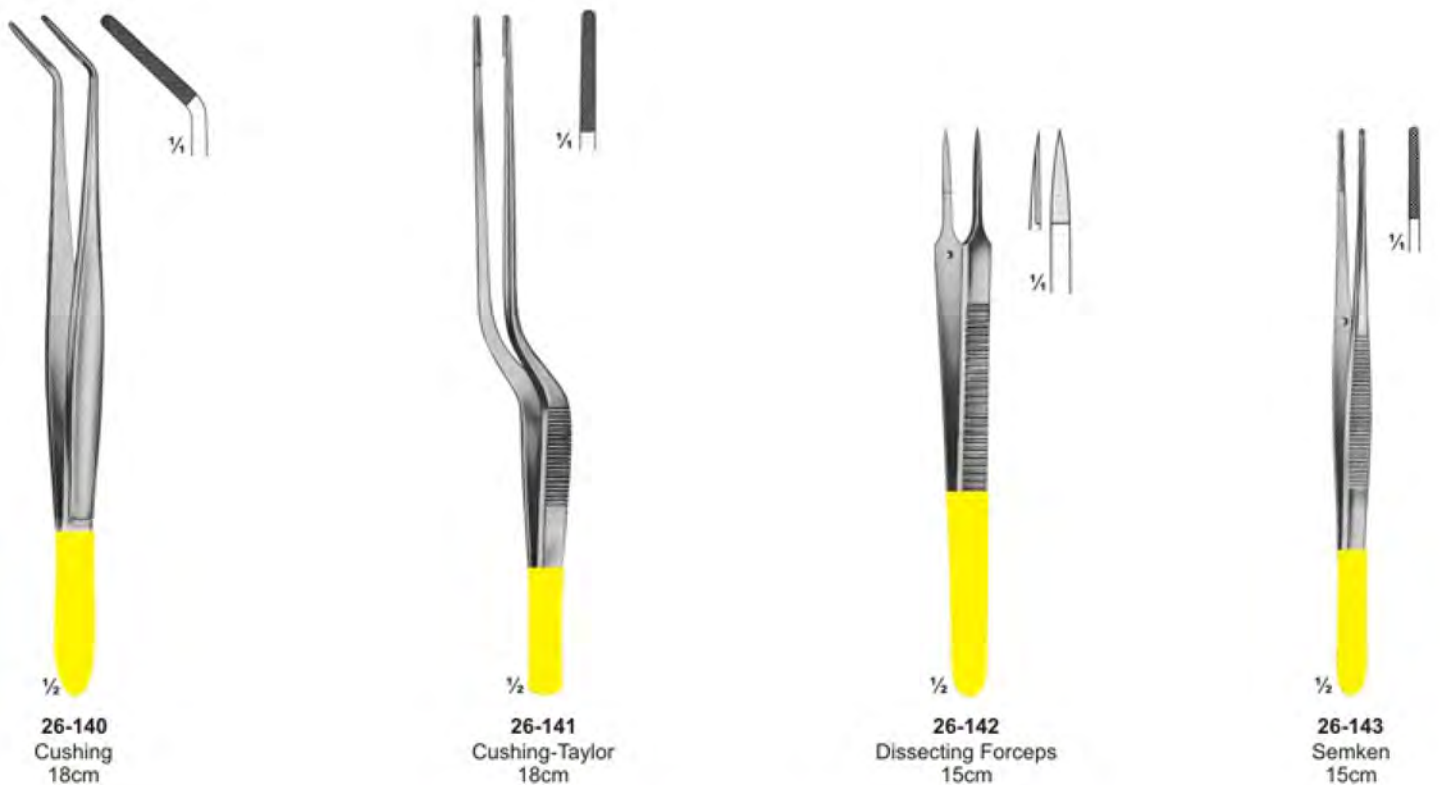
Scissors with Tungsten Carbide Inserts



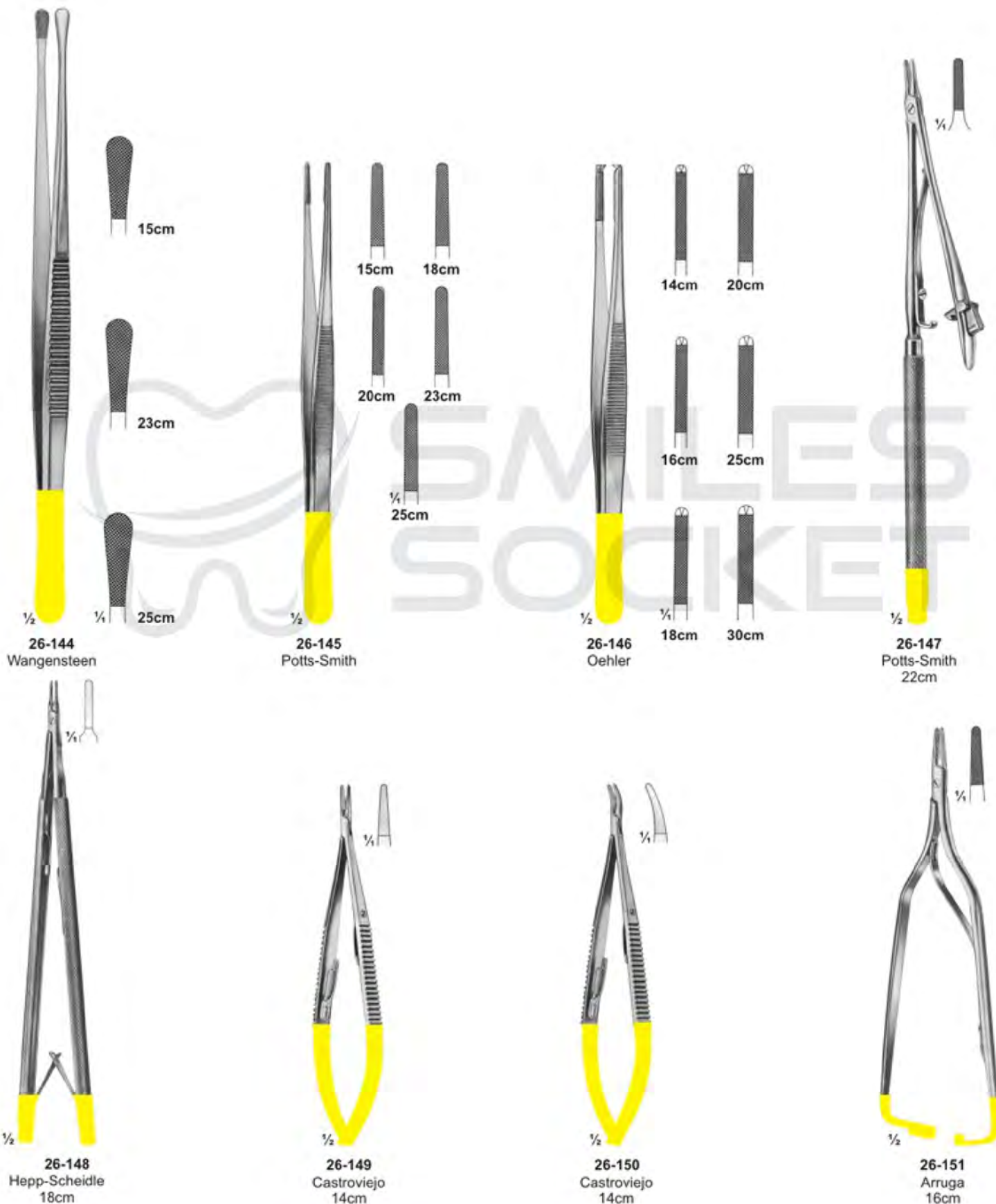
Scissors with Tungsten Carbide Inserts



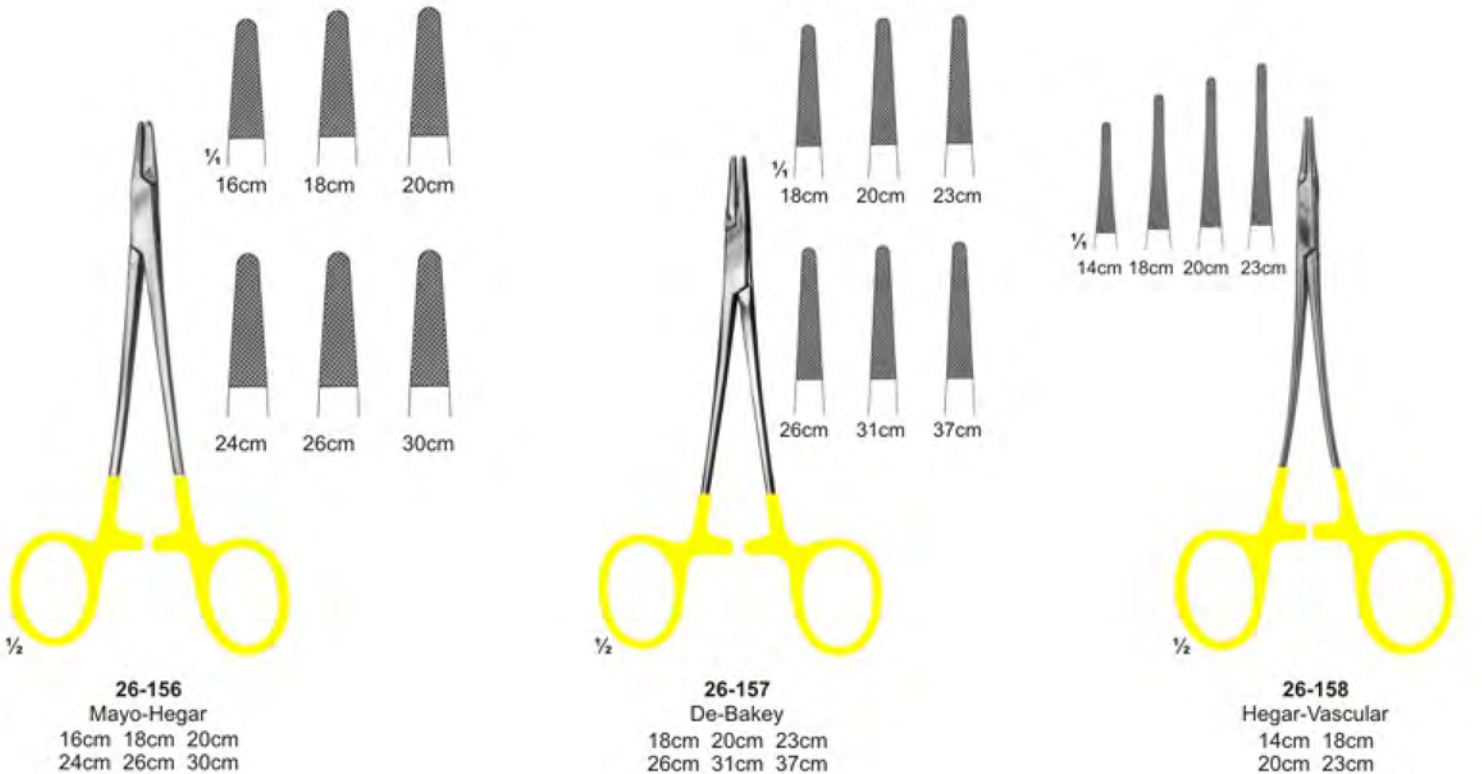
**Scissors & Dissecting Forceps with
Tungsten Carbide Inserts**



Dissecting Forceps and Needle holders with



Needle holders with Tungsten Carbide Inserts



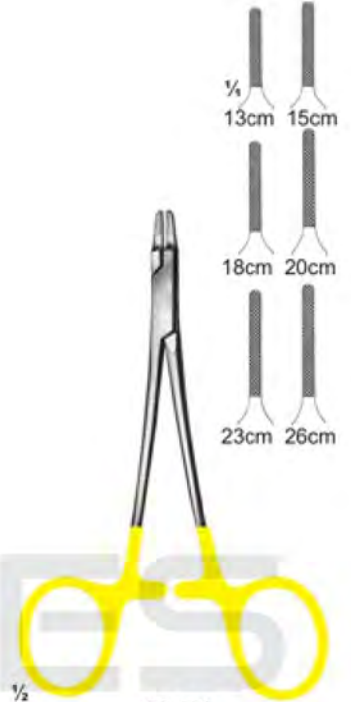
Needle holders with Tungsten Carbide Inserts



$\frac{1}{2}$
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

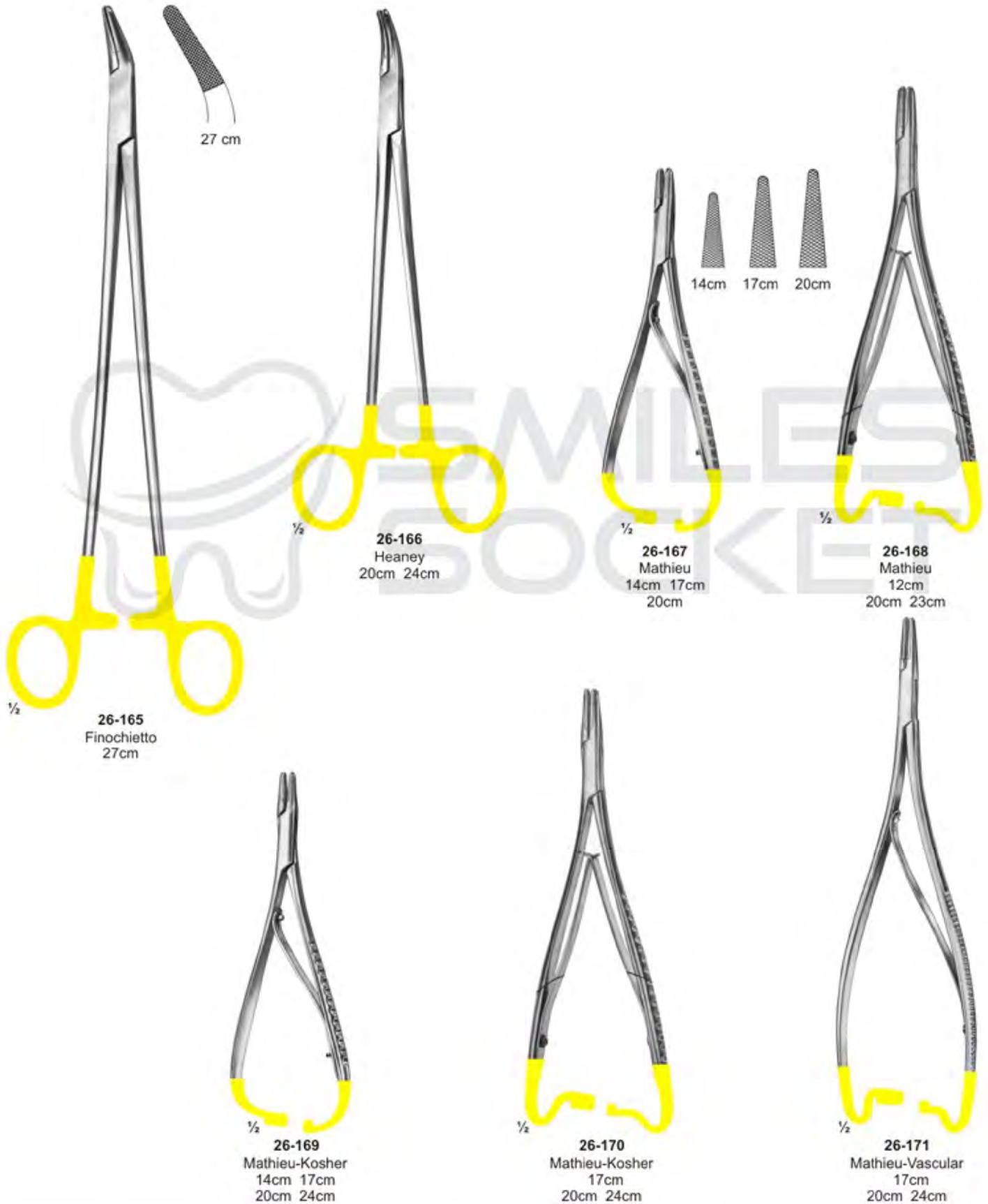


$\frac{1}{2}$
26-163
Martin
15cm 17cm 20cm

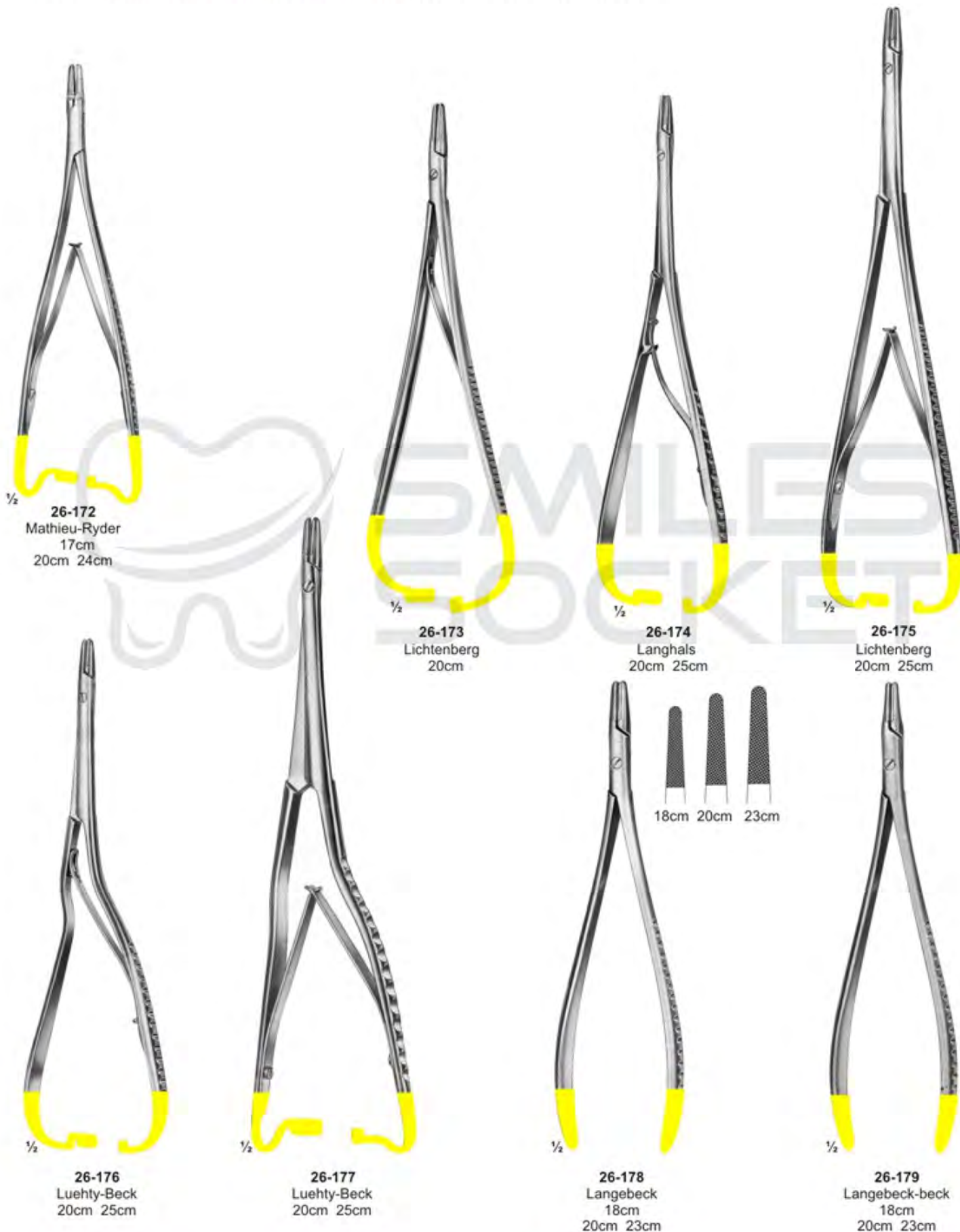


$\frac{1}{2}$
26-164
Sarot
18cm 20cm 26cm

Needle holders with Tungsten Carbide Inserts



Needle holders with Tungsten Carbide Inserts



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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