

Percussion Hammers and Aesthesiometers
 Reflexhammer und Sensibilitätsinstrumente



01-101
 TROEMNER
 Size: 245 mm



01-102
 DEJERINE
 Size: 200 mm



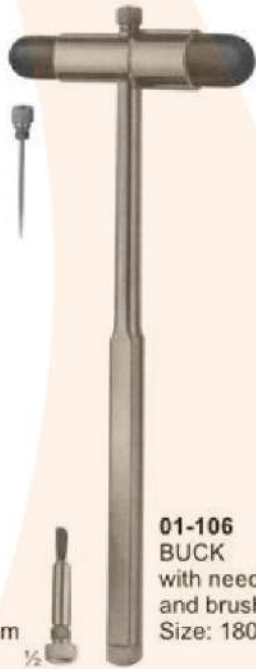
01-103
 DEJERINE
 with needle
 Size: 210 mm



01-104
 TAYLOR
 Size: 195 mm



01-105
 BERLINER
 Size: 200 mm



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



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



01-108
 ALY
 Size: 190 mm



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



01-110
PINARD (Aluminum)
Size: 155 mm

½



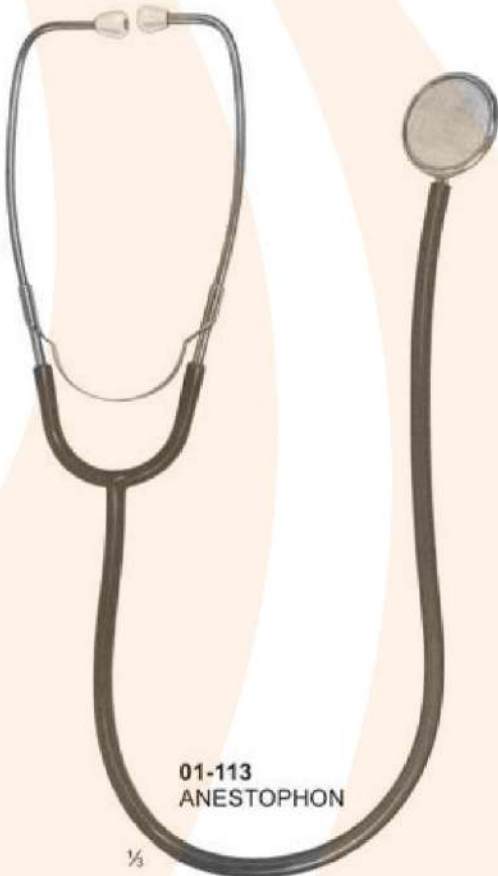
01-111
wooden
Size: 145 mm

½



01-112
BOWLES
Stethoscope
with diaphragm

¼



01-113
ANESTOPHON

⅓



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

¼



01-115
BOWLES

¼

Head Mirrors and Head Bands Reflexspiegel und Stirnbänder



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



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

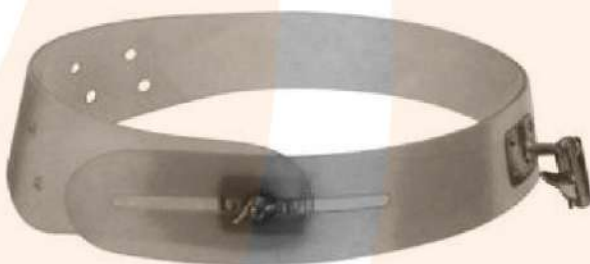


01-118
ZIEGLER
head band of plastic black

01-119
ZIEGLER
head band of plastic white



01-120
MURPHY
head band of celluloid, white

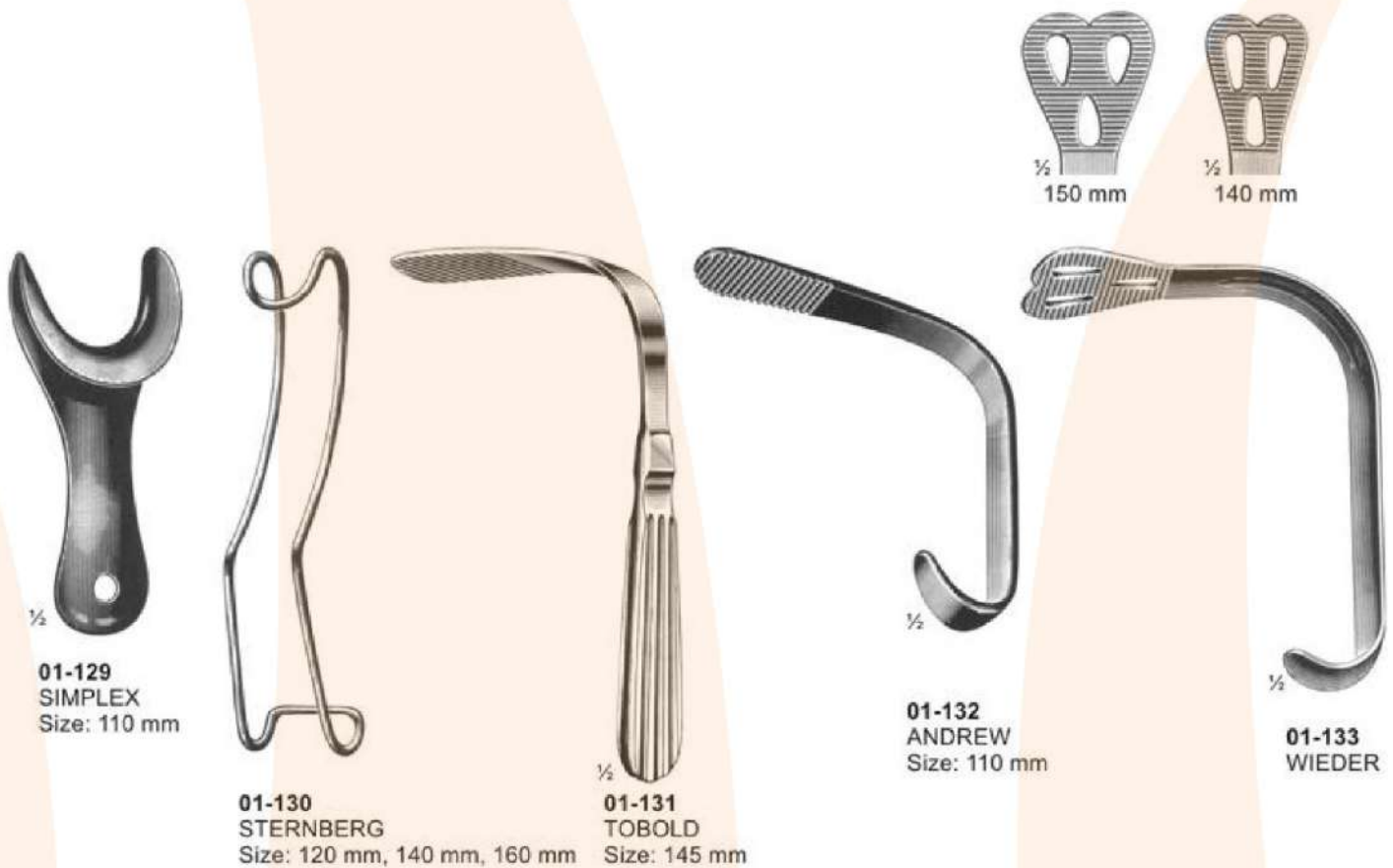
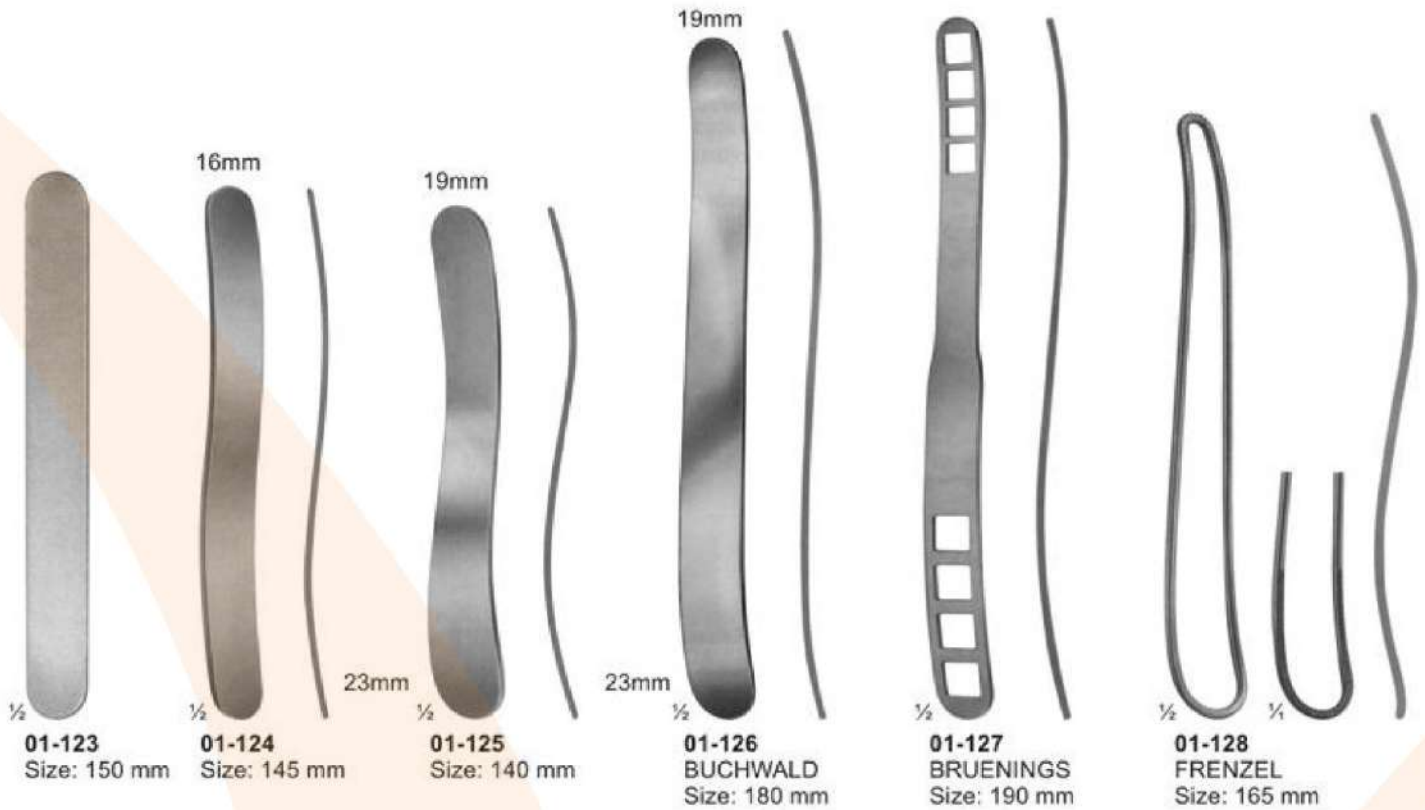


01-121
head band of plastic,
white, soft pattern



01-122
head mirror with black
plastic head band.

Tongue Depressors Zungenspatel





½
01-134
SCHIMMELBUSCH
Ether mask



½
01-135
HEISTER
Mouth gag
Size: 130 mm



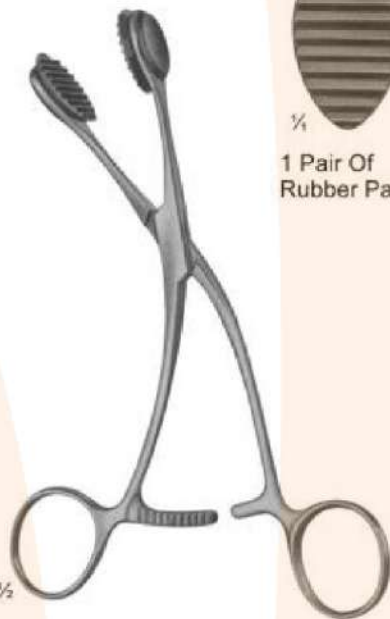
½
01-136
FERGUSON-ACKLAND
Mouth gag
Size: 145 mm



½
01-137
DENHARDT
Mouth gag with silicon
inserts, interchangeable
Size: 125 mm



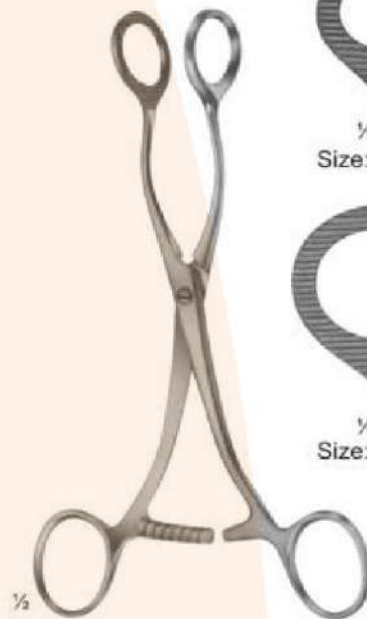
½
01-138
ROSER KOENIG
Mouth gag
Size: 160 mm, 185 mm



½
01-139
YOUNG
Size: 165 mm



¼
1 Pair Of
Rubber Pads



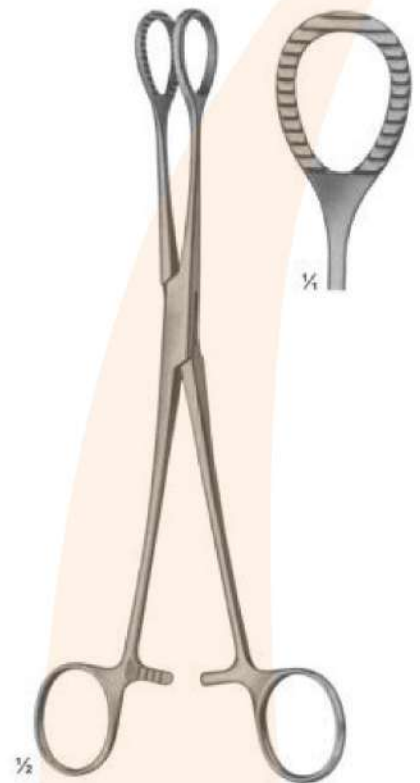
½
01-140
COLLIN
Size: 160 mm, 170 mm



¼
Size: 160 mm

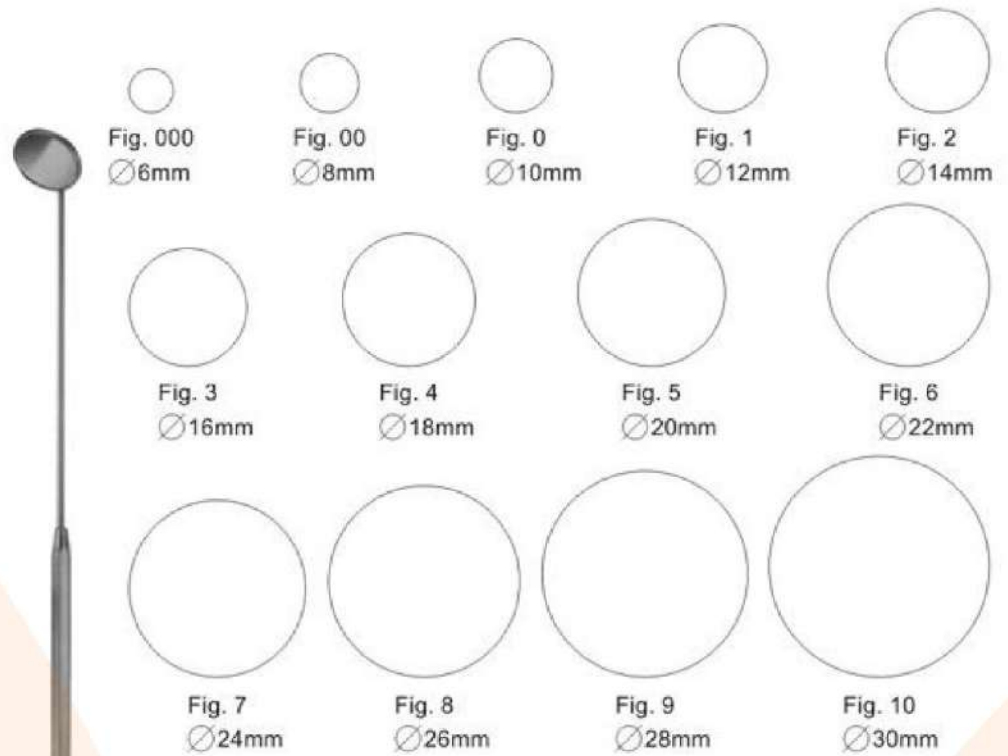


¼
Size: 170 mm



½
01-141
HEYWOOD-SMITH modif.
Size: 215 mm

Blood Lancets and Laryngeal Mirrors Blutentnahmenadeln und Kehlkopfspiegel



01-142
FRANCKE
Automatic blood lancet



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



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

Laryngoscope and Diagnostic Sets Laryngoskope und Diagnostikbestecke



1/2

01-150 - 152
MAGILL



1/4

01-150
Infants
Size: 150 mm



1/4

01-151
Children
Size: 200 mm



1/4

01-152
Adults
Size: 250 mm



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



01-154
Otoscope set, consists of
battery handle without batteries,
3 ear specula, 1 bulb in valvet lined case



01-155
Diagnostic set, otoscope with three specula,
nasal speculum, lamp holder, two laryngeal
mirrors, tongue blade holder

Laryngoscopes Laryngoskope



1/3

**01-156
MILLER**
Laryngoscope set, consists of battery handle (without battery)
with four miller laryngoscope blades

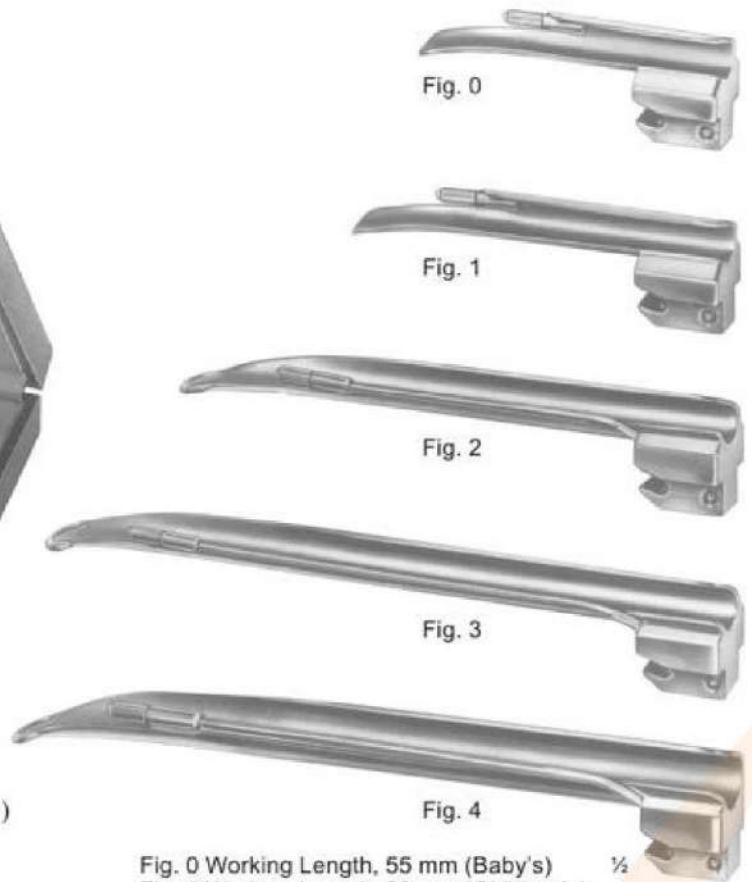


Fig. 0 Working Length, 55 mm (Baby's) 1/3
Fig. 1 Working Length, 80 mm (Children's)
Fig. 2 Working Length, 130 mm (Adolescent's)
Fig. 3 Working Length, 170 mm (Women's)
Fig. 4 Working Length, 180 mm (Men's)



1/3

**01-157
GUEDEL-NEGUS**
Laryngoscope set, consists of battery handle (without battery)
with four miller laryngoscope blades

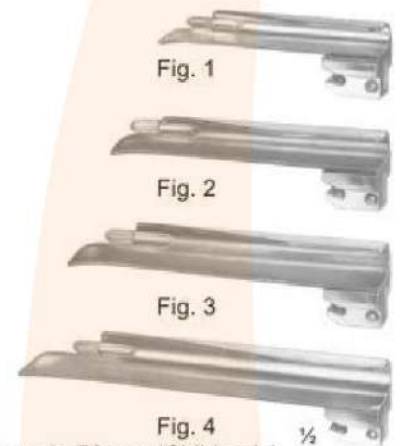


Fig. 1 Working Length, 70 mm (Children's) 1/3
Fig. 2 Working Length, 90 mm (Adolescent's)
Fig. 3 Working Length, 110 mm (Women's)
Fig. 4 Working Length, 135 mm (Men's)



1/2

02-101 - 110
Fig. 1 - 10



1/2

02-101
Fig. 1
30 mm



02-102
Fig. 2
36 mm



02-103
Fig. 3
40 mm



02-104
Fig. 4
45 mm



02-105
Fig. 5
50 mm



1/2

02-106
Fig. 6
27 mm



02-107
Fig. 7
35 mm



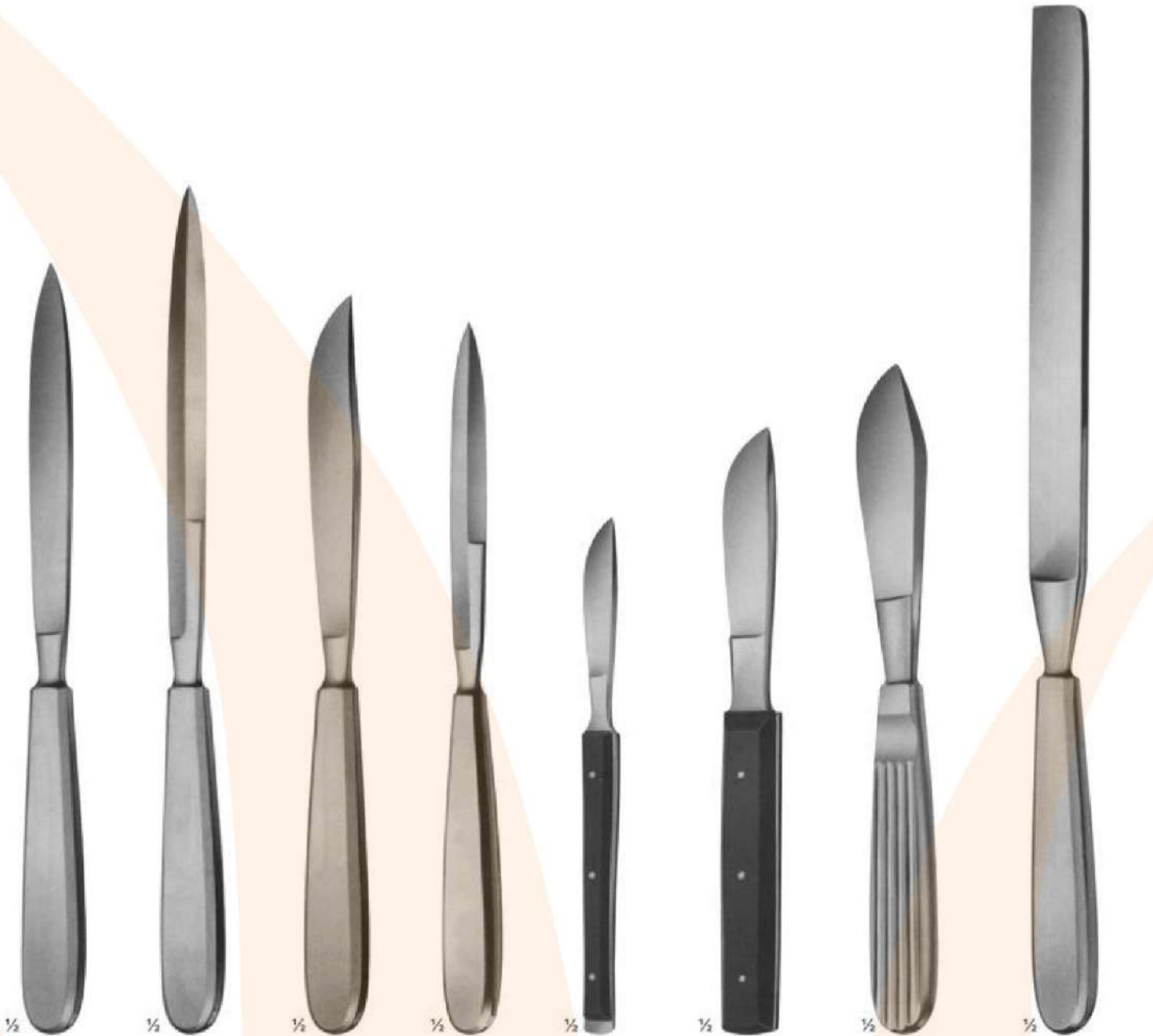
02-108
Fig. 8
40 mm



02-109
Fig. 9
47 mm



02-110
Fig. 10
50 mm



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

Blade length
 Amputating Knives

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

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

02-117
 Size: 110 mm
 Blade length
 Interosseous
 Knives

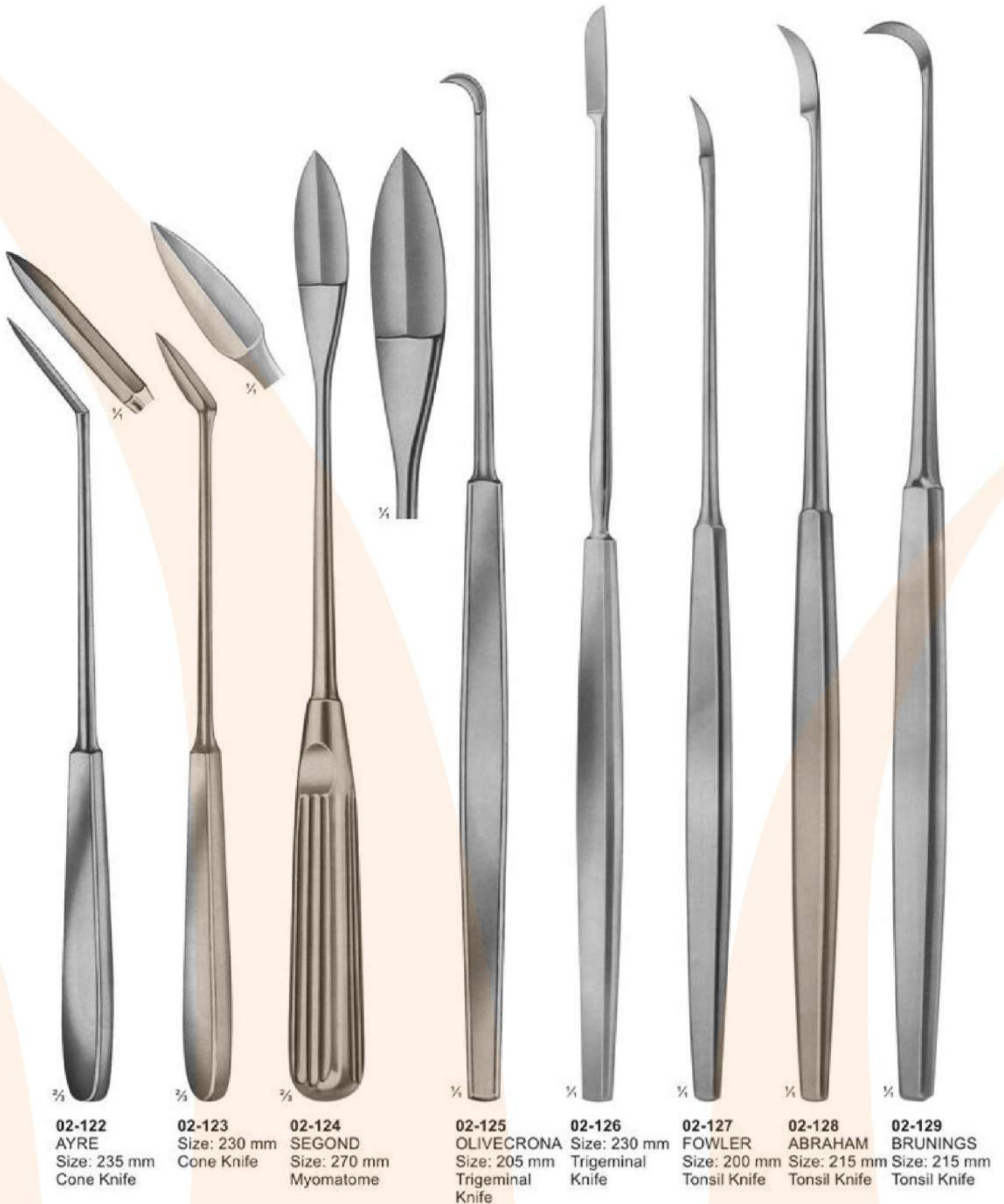
02-118
 Size: 55 mm
 Blade length
 with raspatory,
 Wooden handle

02-119
 Size: 70 mm
 Blade length
 Wooden handle

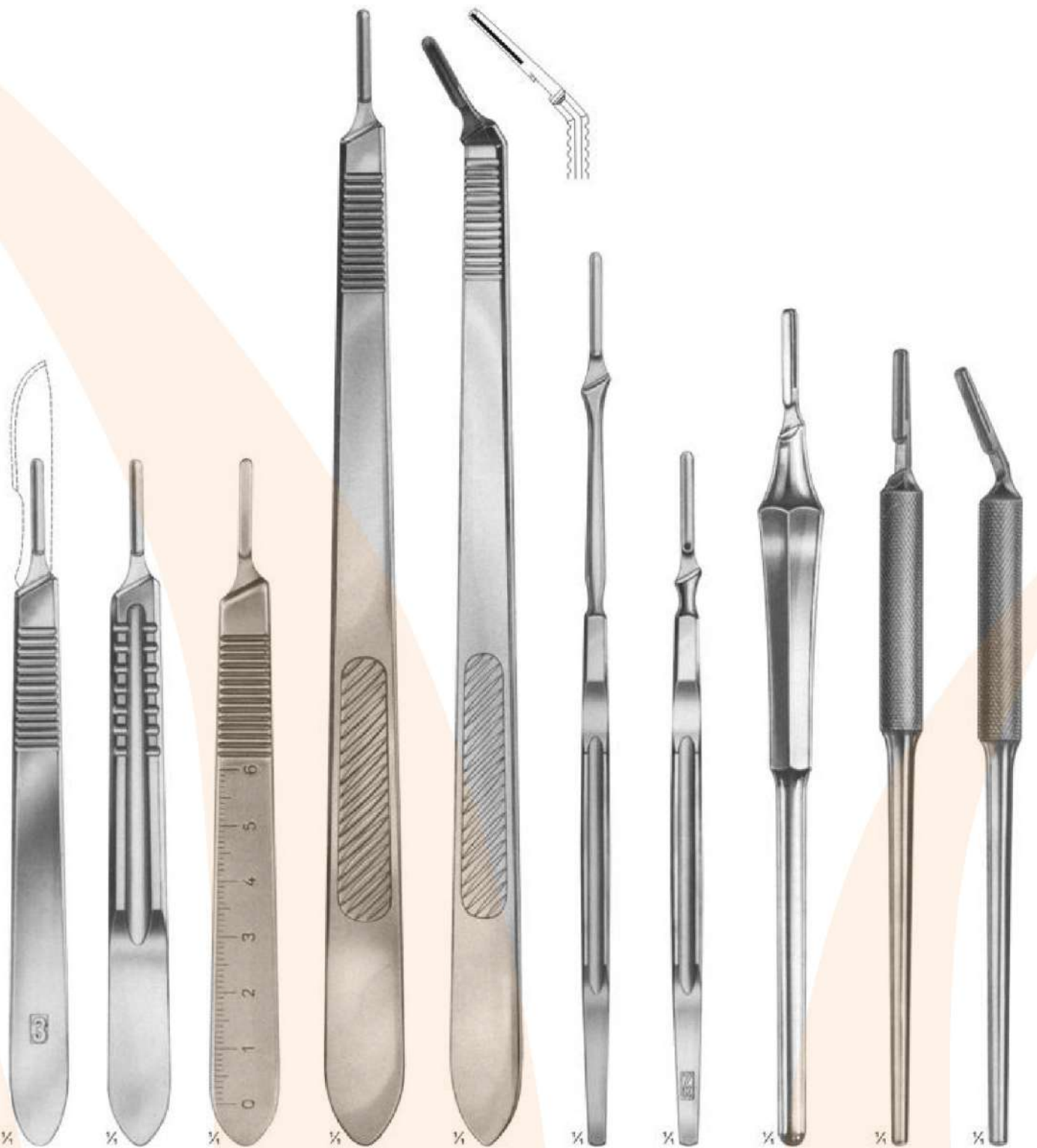
02-120
 Size: 80 mm
 Blade length
 Metal handle

02-121
 Size: 195 mm
 Blade length
 Metal handle

Cone Knives, Myomatome, Trigeminal and Tonsil Knife
Konisationsmesser, Myommesser, Trigeminal und
Tonsillenmesser



Scalpel Handles Skalpellgriffe



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 Mikro-Federscheren mit Flachgriffen



03-101 - 103
VANNAS
Size: 85 mm



03-101



03-102



03-103



03-104 - 105
CASTROVIEJO
Size: 95 mm



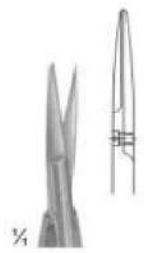
03-104



03-105



03-106
NOYES
Size: 125 mm



$\frac{1}{4}$



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

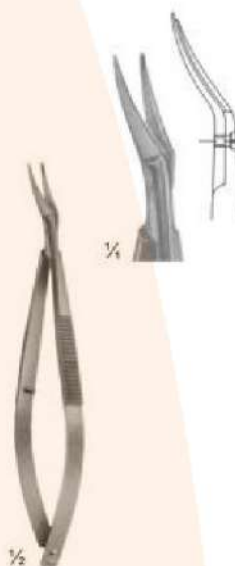


$\frac{1}{4}$

03-107



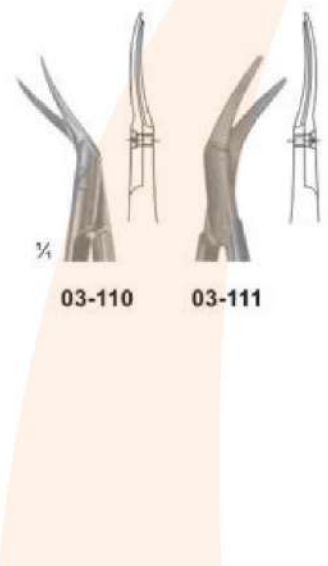
03-108



03-109
CASTROVIEJO
Eye scissor
Size: 115 mm



$\frac{1}{4}$



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



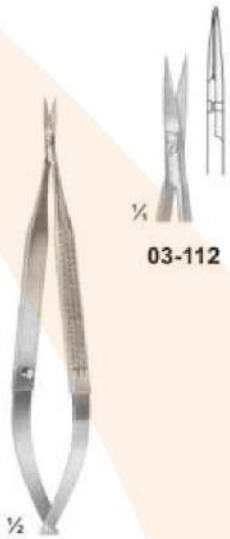
$\frac{1}{4}$

03-110



03-111

Micro Scissors (Spring Type) with Flat Handles Mikro-Federscheren mit Flachgriffen



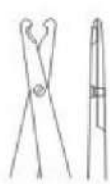
03-112 - 113
Size: 120 mm



03-112



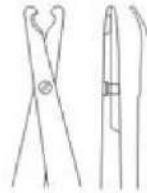
03-113



03-114
BIEMER
Vein scissor
Size: 130 mm



03-115
Size: 160 mm



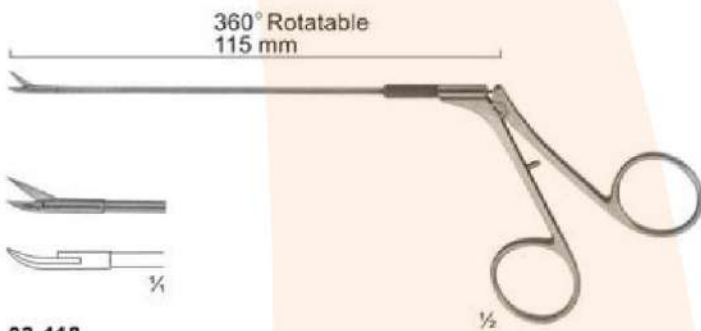
03-116 - 117
VANNAS
Size: 160 mm



03-116



03-117



03-118
CASPAR
Micro scissor curved
Size: 115 mm



03-119



03-120



03-121



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

Micro Scissors (Spring Type) bayonet-Shaped
Mikro-Federscheren, bajonettformig



¼



½

03-122
YASARGIL
 Size: 245 mm



¼

03-123
 45°



½

03-123 - 124
 laterally angled
 Size: 200 mm



¼

03-124
 45°



125°



½

03-125
 laterally angled
 Size: 190 mm



¼

03-126



½

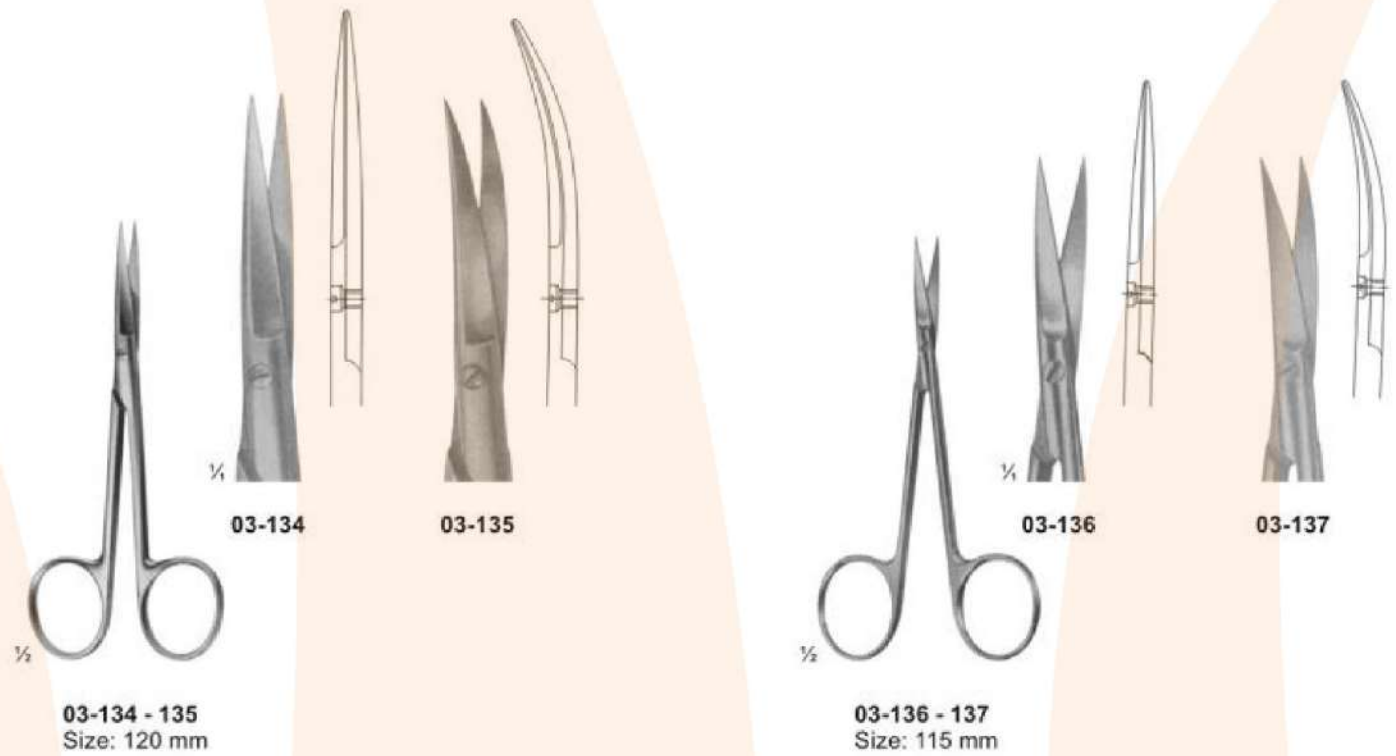
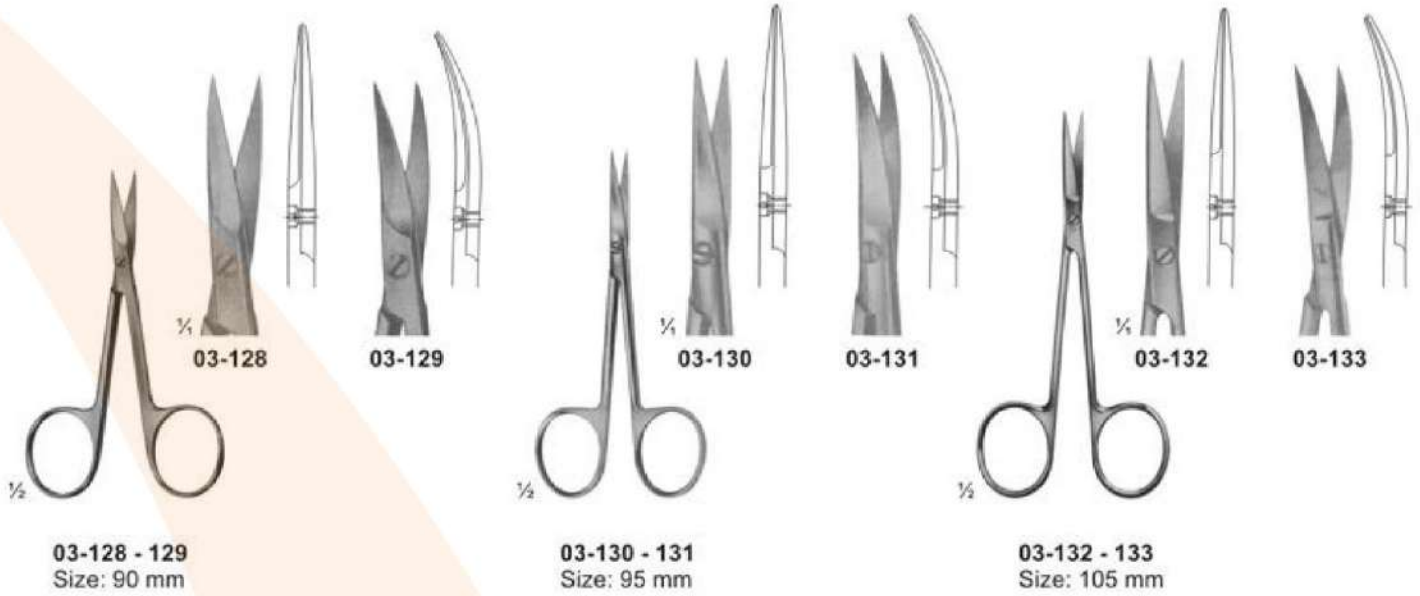
03-126 - 127
YASARGIL
 Size: 225 mm



¼

03-127

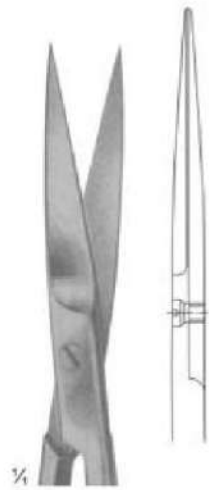
Delicate Scissors Feine Scheren



Delicate Scissors Feine Scheren

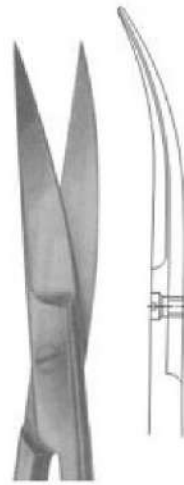


03-138 - 140
Size: 120 mm

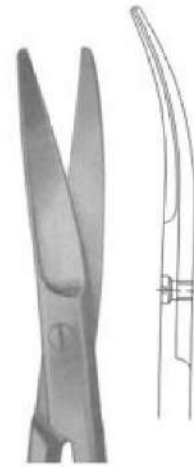


3/4

03-138



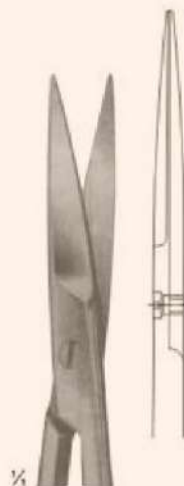
03-139



03-140



03-141 - 144
Size: 130 mm

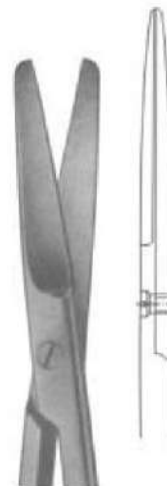


3/4

03-141



03-142

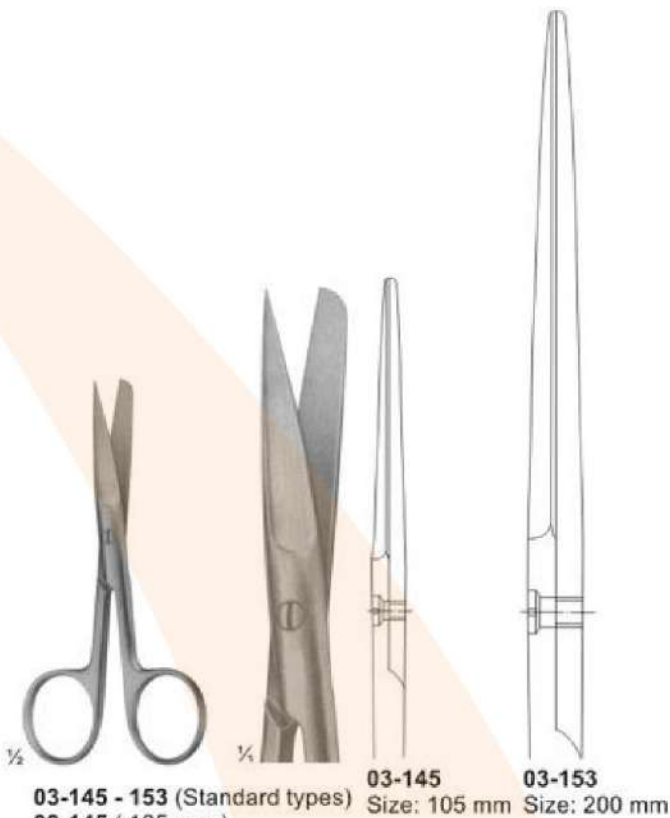


03-143



03-144

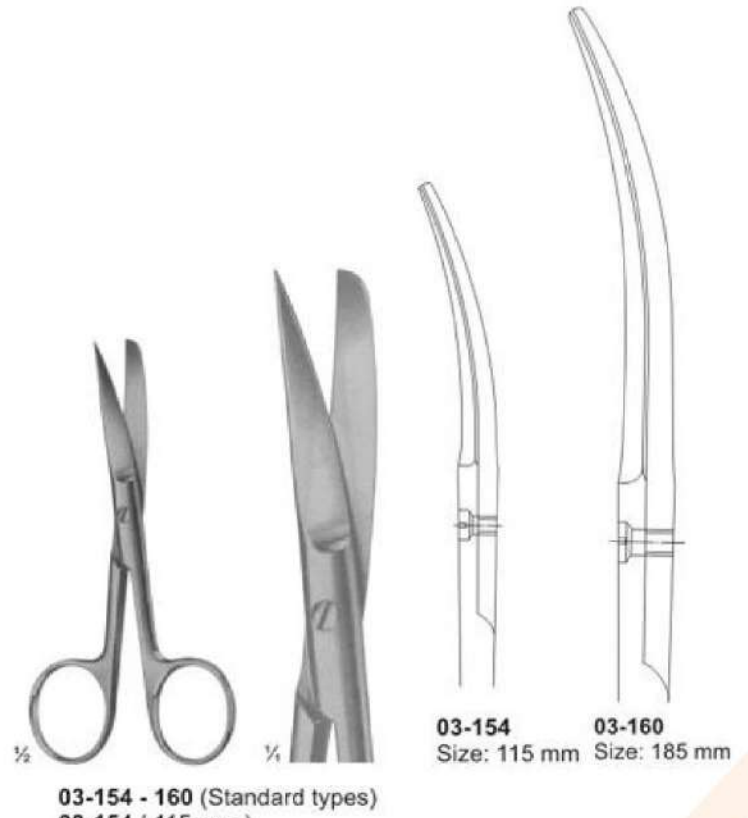
Surgical Scissors Chirurgische Scheren



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

03-145
Size: 105 mm

03-153
Size: 200 mm



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

03-154
Size: 115 mm

03-160
Size: 185 mm



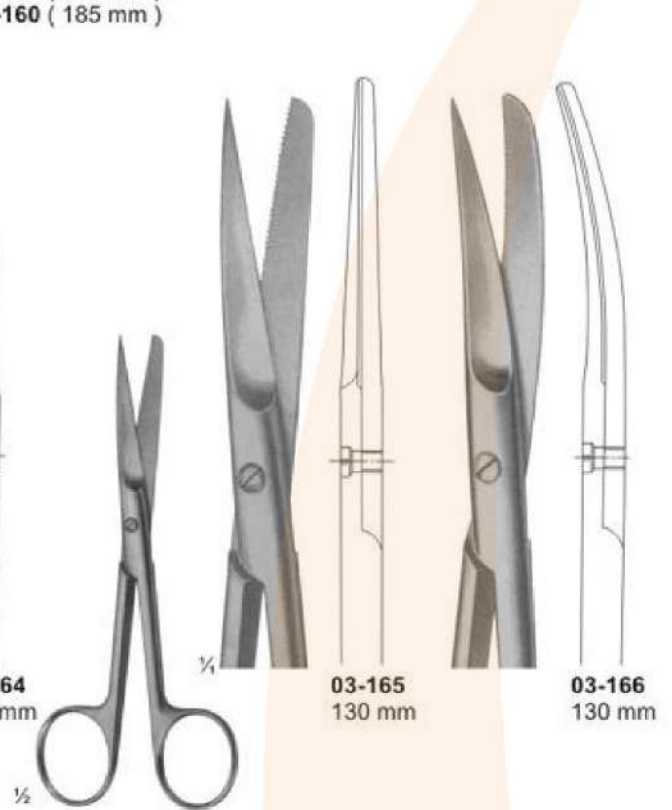
03-161 - 164
Slender types

03-161
130 mm

03-162
145 mm

03-163
130 mm

03-164
145 mm



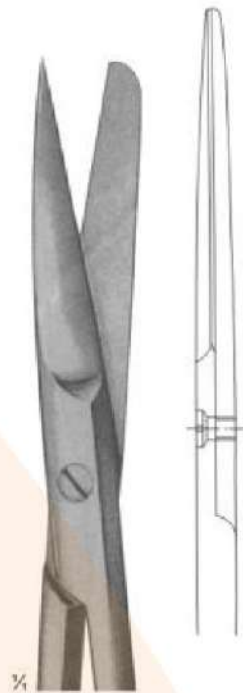
03-165 - 166
for wound edges
1 blade serrated

03-165
130 mm

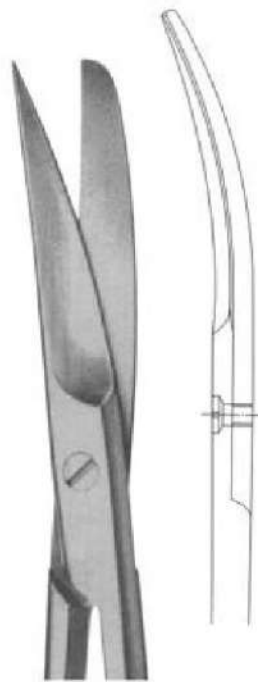
03-166
130 mm



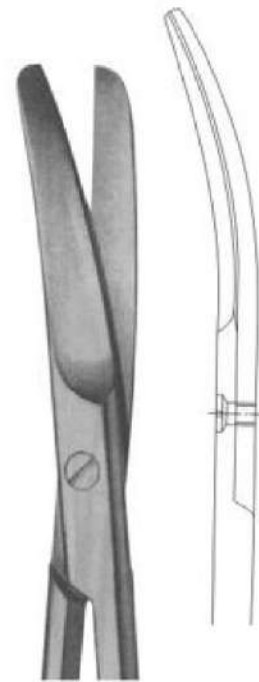
03-167 - 169
DEAVER
 with flat lock



03-167
 Size: 145 mm



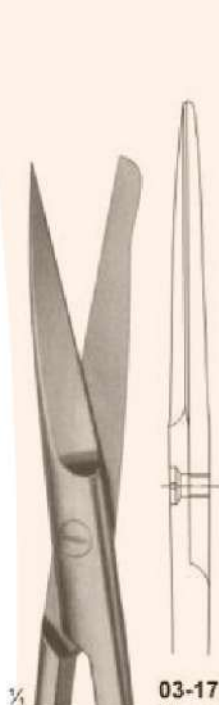
03-168
 Size: 145 mm



03-169
 Size: 145 mm



03-170 - 172
 Incision scissors



03-170
 Size: 130 mm



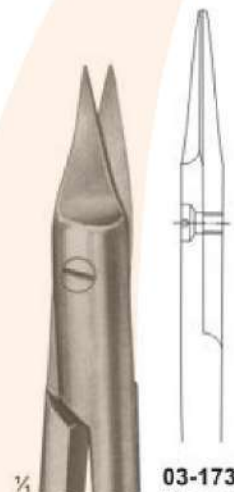
03-171
 Size: 145 mm



03-172
 Size: 165 mm

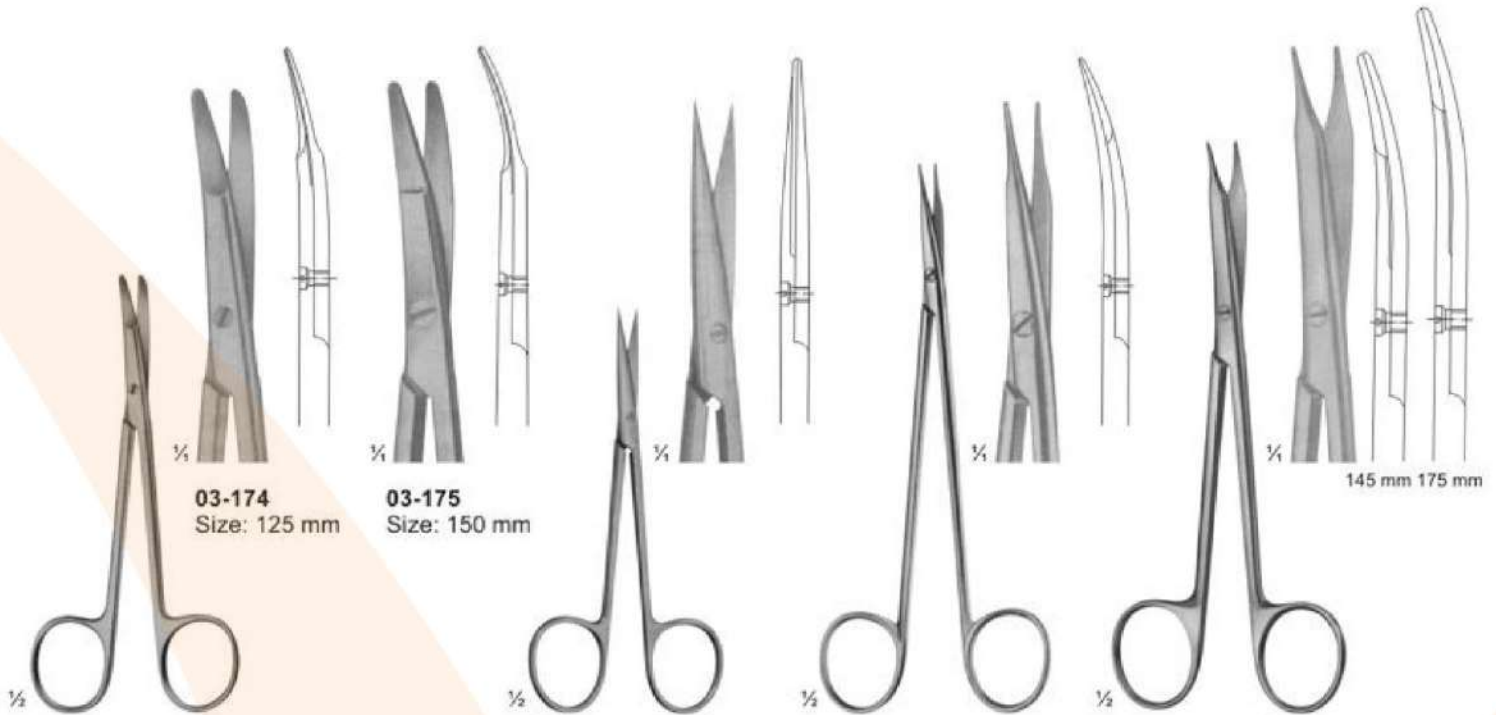


03-173
SYSTRUNK
 Nail splitting scissors



03-173
 Size: 130 mm

Dissecting Scissors Praparierscheren



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

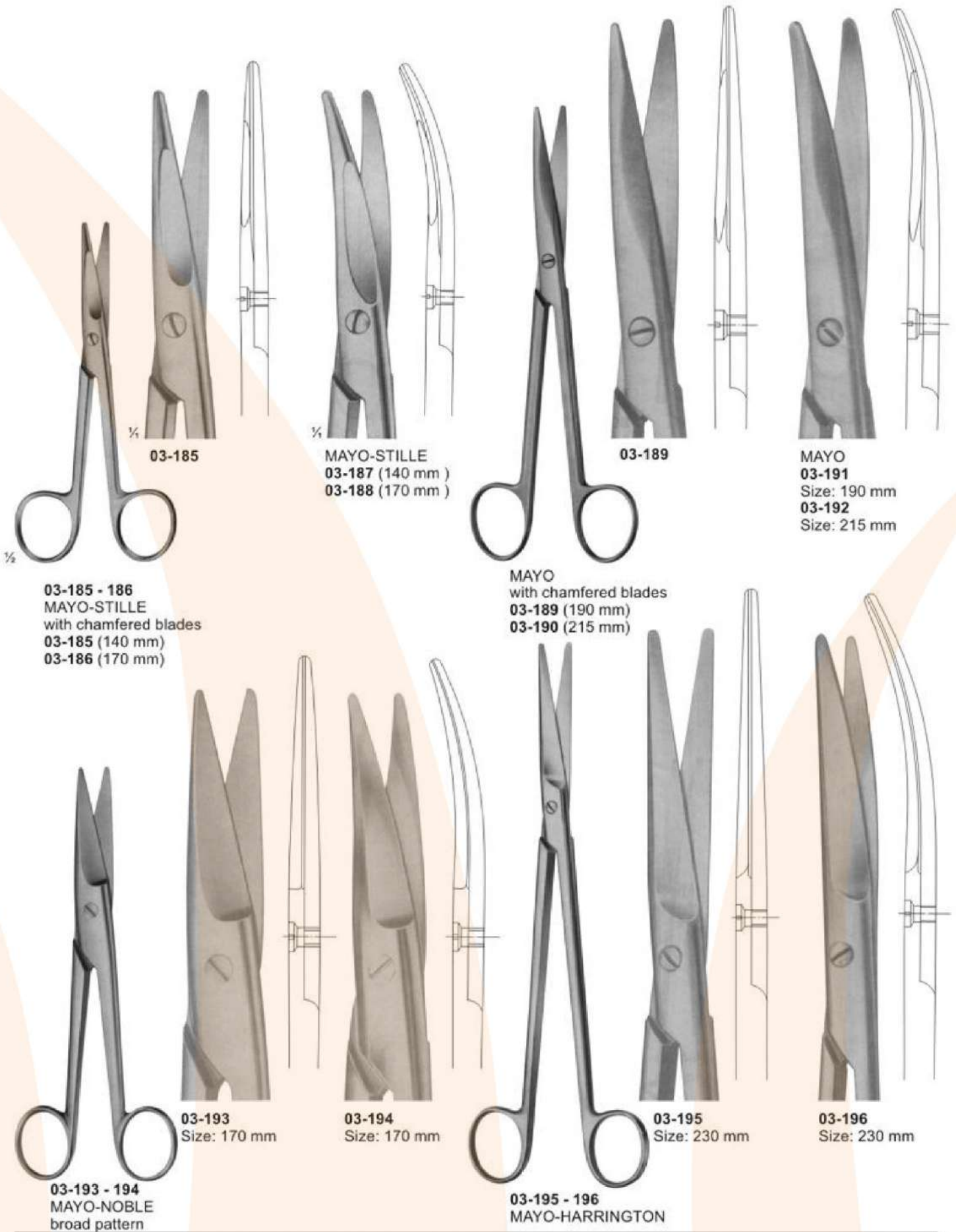


03-179
DE BAKEY
Arteriotomy scissors
Size: 175 mm

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

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

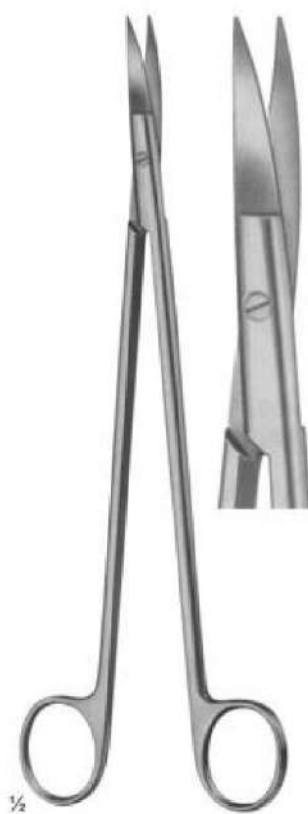
Dissecting Scissors Praparierscheren



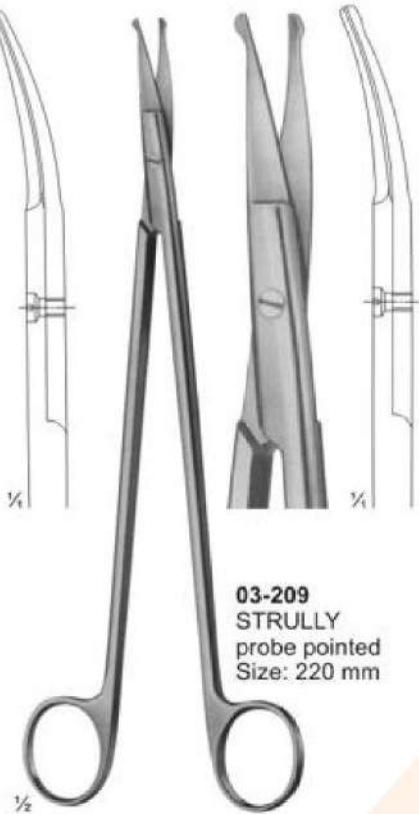
Scissors for Cardiovascular and Neuro-Surgery Scheren für Herz-, Gefäß- und Neurochirurgie



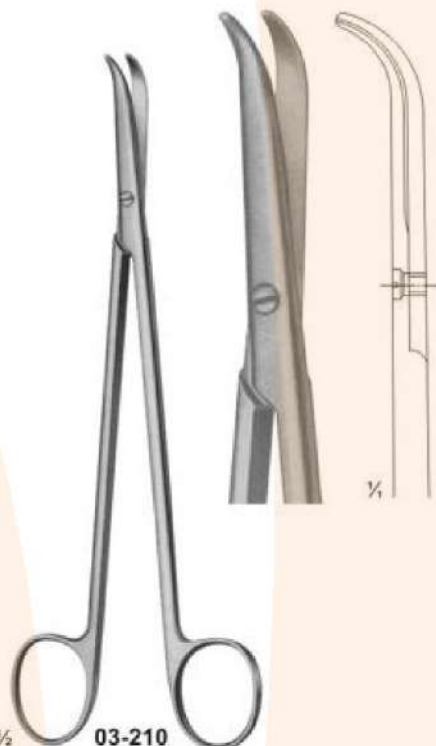
03-207
OLIVECRONA
Dura scissors



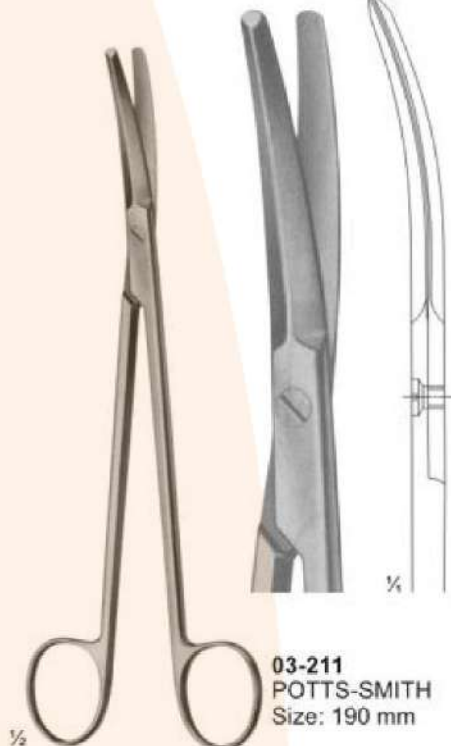
03-208
STRULLY
pointed
Size: 220 mm



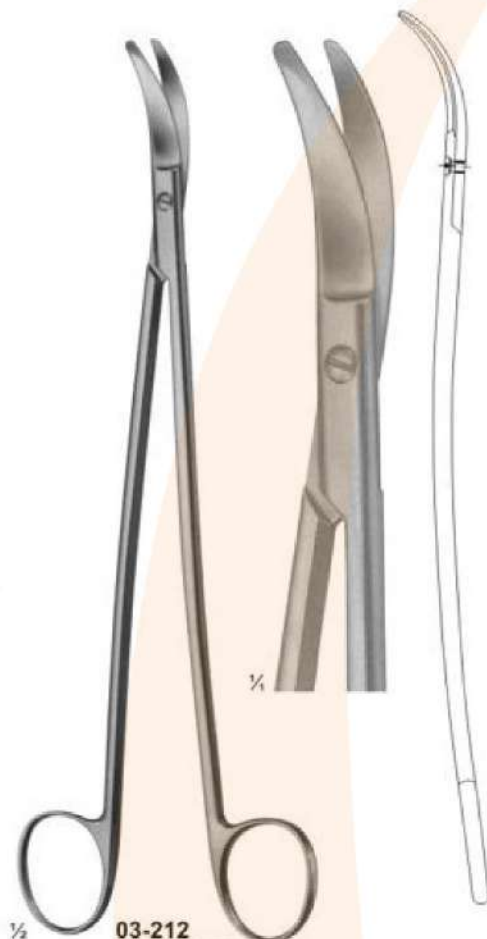
03-209
STRULLY
probe pointed
Size: 220 mm



03-210
THOREK
Size: 180 mm

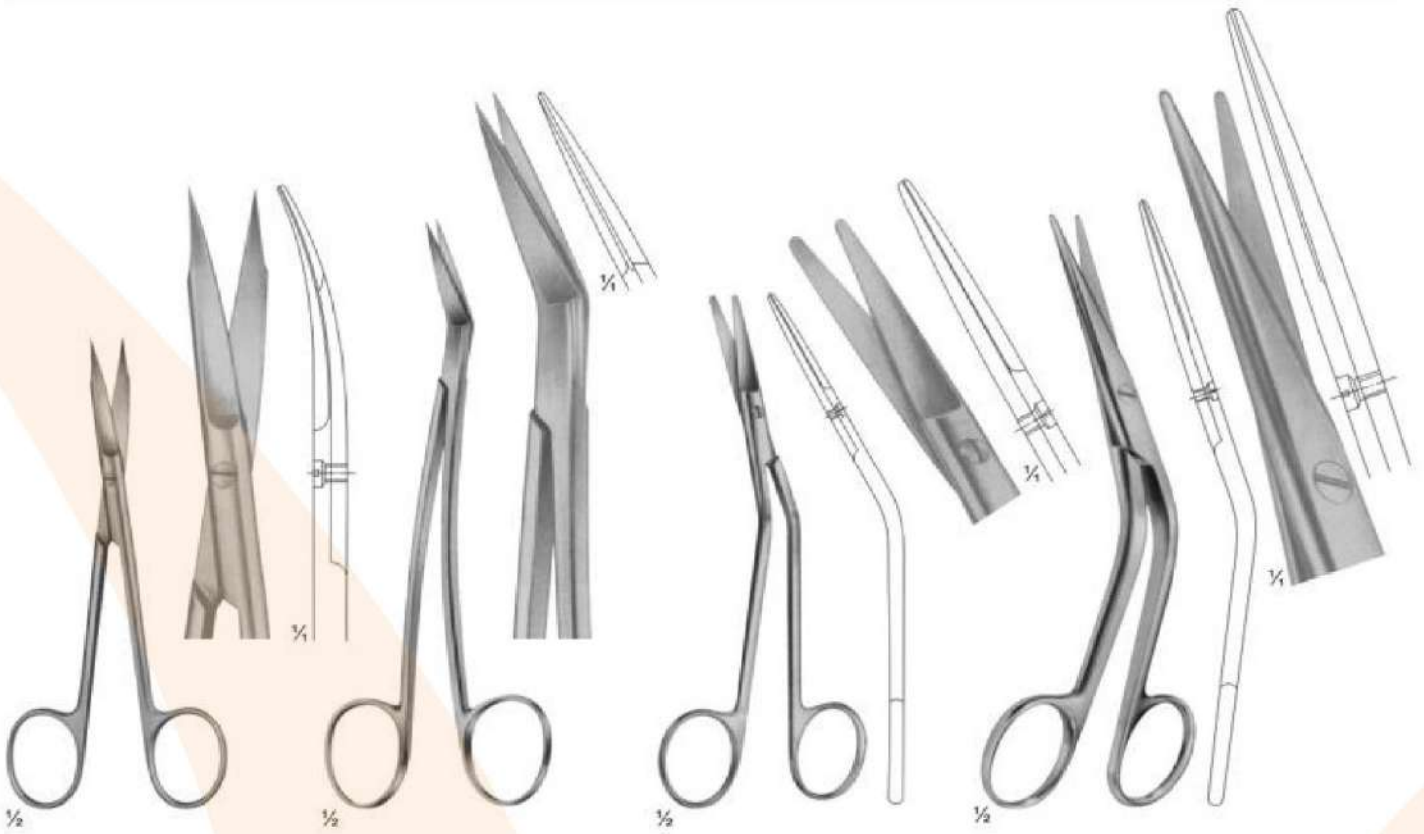


03-211
POTTS-SMITH
Size: 190 mm



03-212
SATINSKY
Size: 245 mm

Delicate, Nasal and Tonsil Scissors Feine, Nasen und Tonsillenscheren



03-213
1 finely toothed blade
Size: 130 mm

03-214
LOCKLIN
curved sideways,
1 toothed blade
Size: 155 mm

03-215
FOMON
blades serrated
Size: 145 mm

03-216
COTTLE
Size: 165 mm

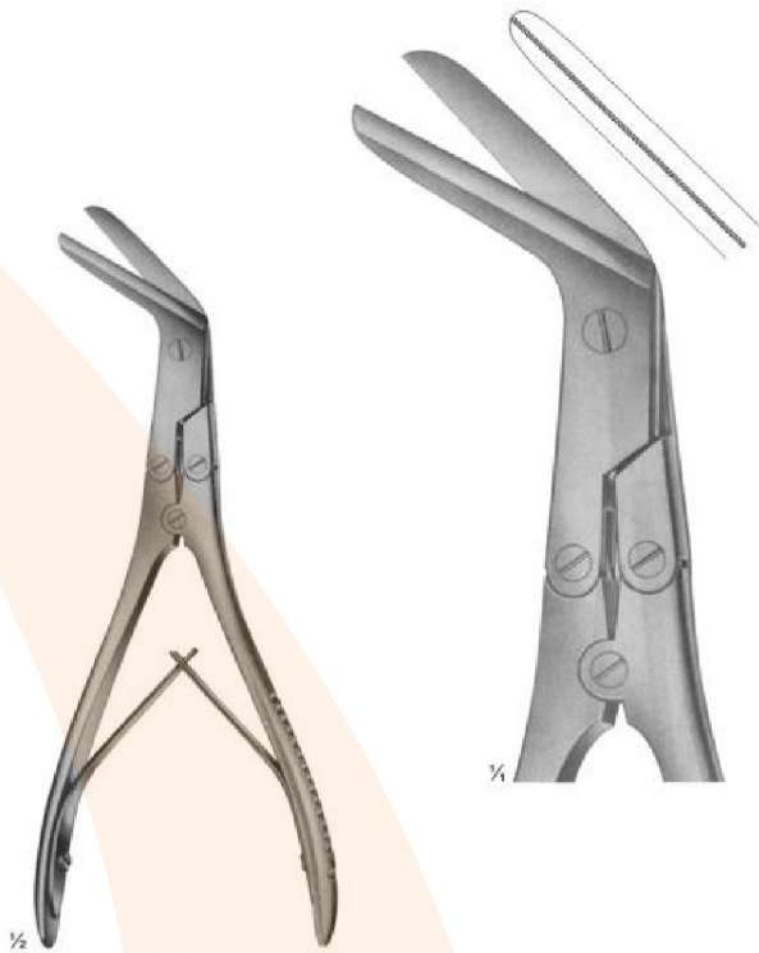


03-217
HEYMANN-KNIGHT
Size: 175 mm

03-218
DEAN
blades serrated
Size: 170 mm

03-219
GOOD
Size: 195 mm

Bone Shears Knochenscheren



03-220
KILLIAN
Size: 200 mm



03-221 - 222



03-221
195 mm



$\frac{1}{4}$

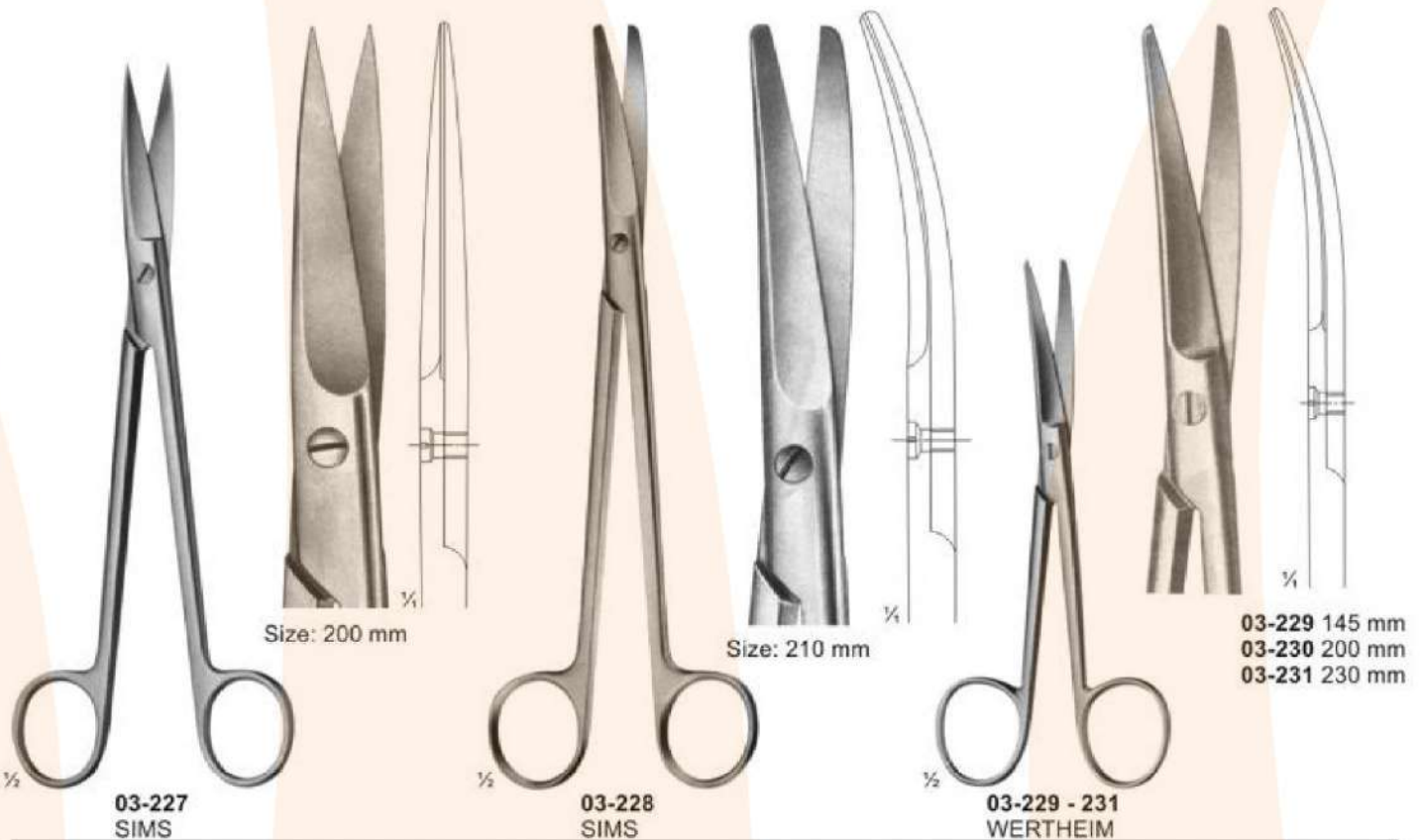
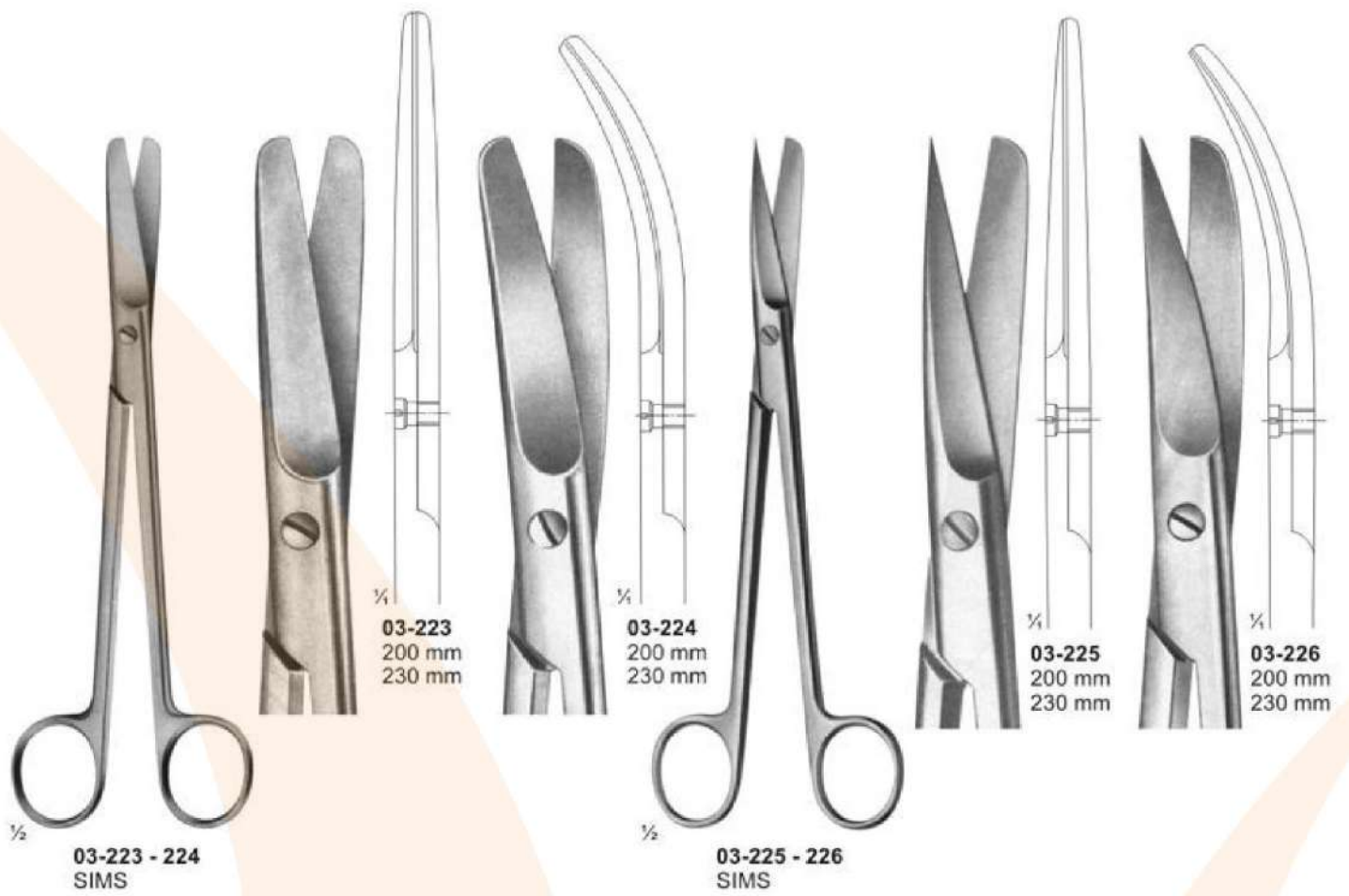


03-222
225 mm



$\frac{1}{4}$

Scissors for deep operations and for Gynaecology
 Scheren für operationen in der Tiefe und für
 Gynakologie



Scissors for Obstetrics
Scheren für Geburtshilfe



$\frac{1}{2}$
03-232
SCHUMACHER
 Umbilical cord scissors
 Size: 155 mm

$\frac{1}{2}$
03-233
 Umbilical cord scissors
 Size: 105 mm

$\frac{1}{2}$
03-234
 Umbilical cord scissors
 $\frac{1}{2}$
 135 mm



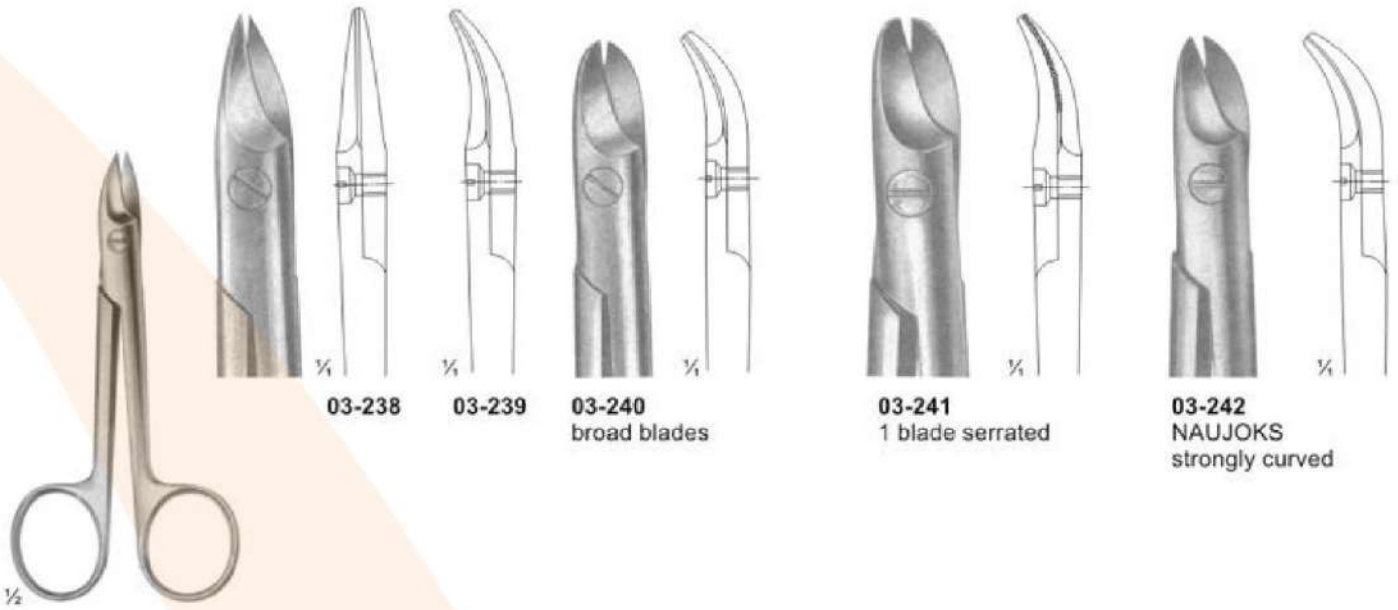
$\frac{1}{2}$
03-235 - 236
BRAUN-STADLER
 Episiotomy scissors

$\frac{1}{2}$
03-235
 145 mm

$\frac{1}{2}$
03-236
 200 mm

$\frac{1}{2}$
03-237
 Episiotomy scissors
 240 mm

Wire and Plate Scissors Draht und Blechscheren



03-238

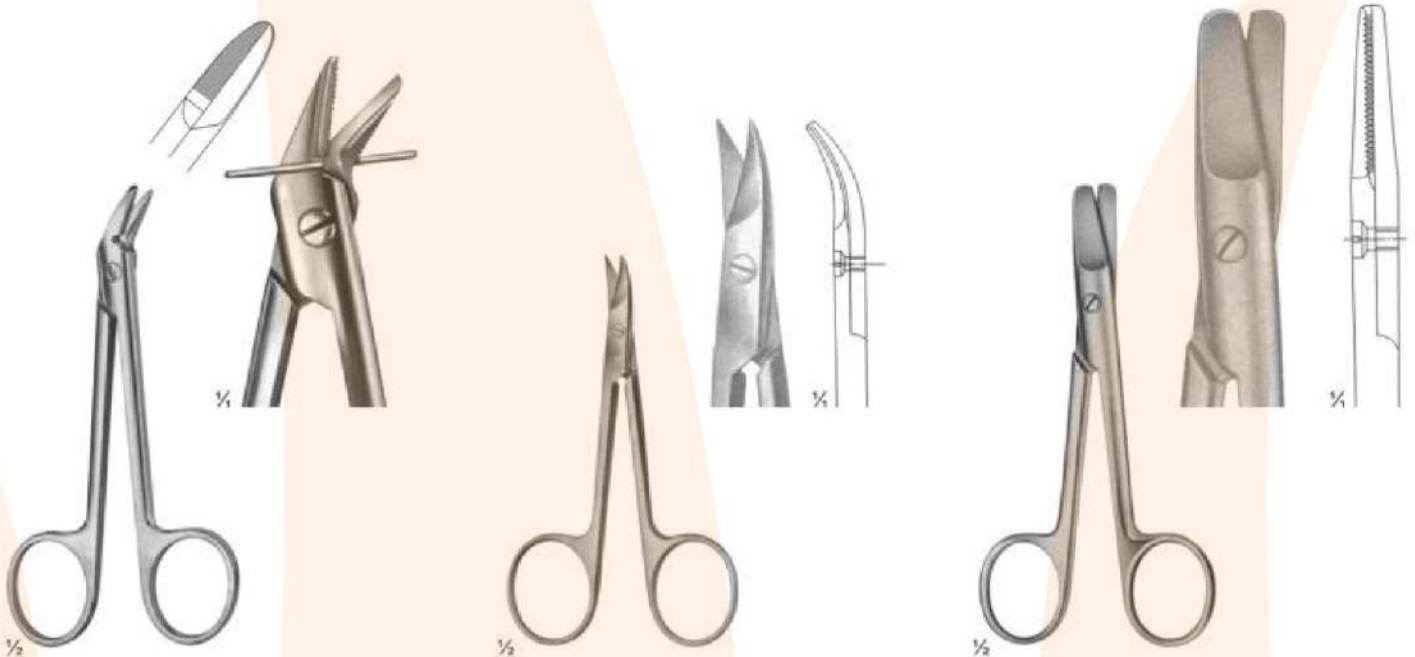
03-239

03-240
broad blades

03-241
1 blade serrated

03-242
NAUJOKS
strongly curved

03-238 - 242
BEEBE
Size: 110 mm



03-243
1 blade serrated
Size: 120 mm

03-244
STRACK
Size: 100 mm

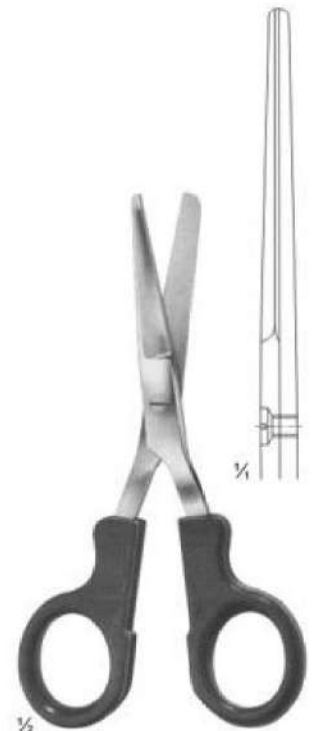
03-245
HARVEY
blades serrated
Size: 125 mm



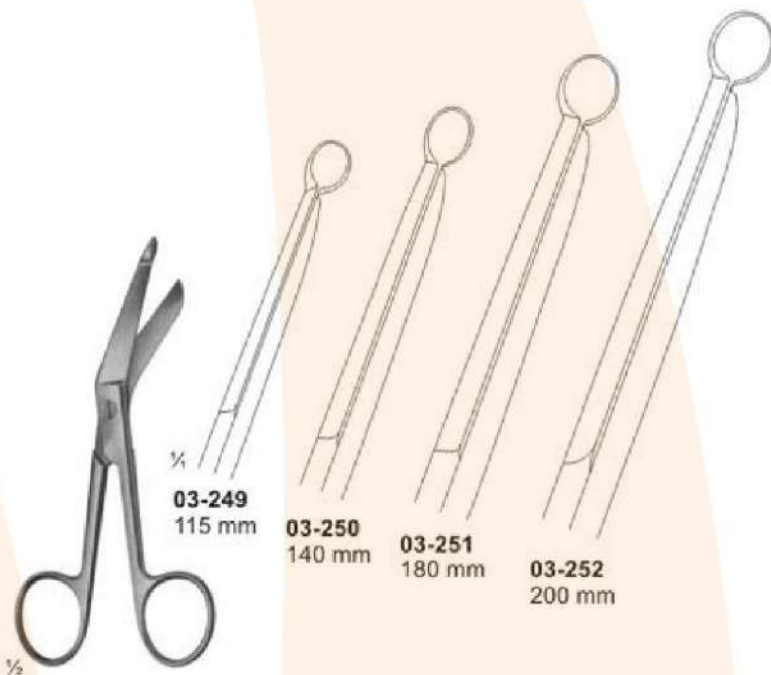
03-246
 Universal bandage and cloth scissors,
 with toothed edges
 180 mm



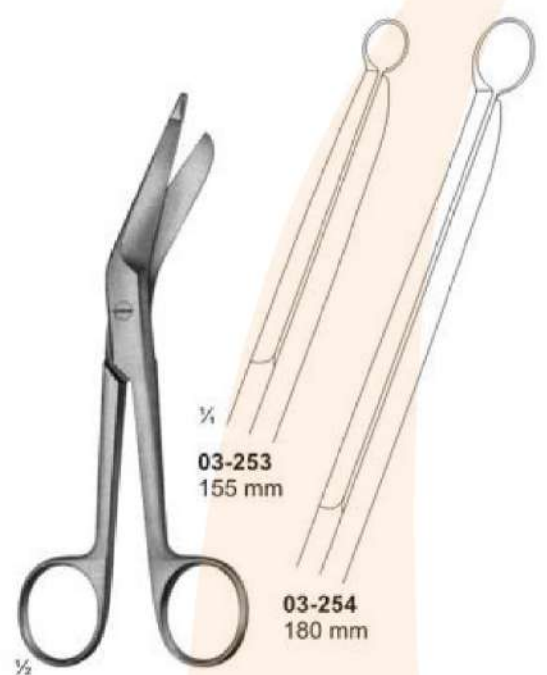
03-247
LISTER
 Universal bandage and cloth scissors,
 with toothed edges
 Size: 145 mm



03-248
LISTER
 Nurse's scissors
 Size: 145 mm



03-249 - 252
LISTER

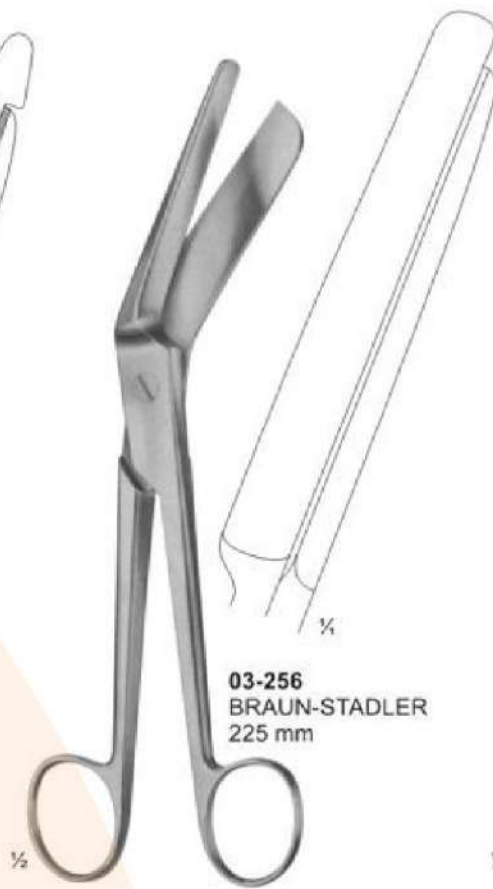


03-253 - 254
LISTER

Bandage-, Cloth-, and Plaster Scissors Verbands-, Kleider- und Gipsscheren



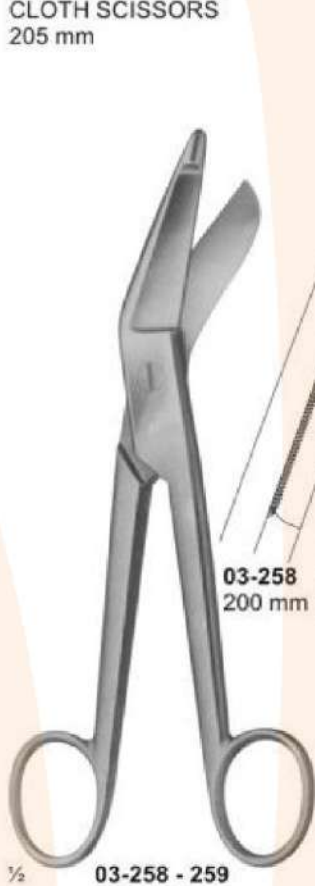
03-255
CLOTH SCISSORS
205 mm



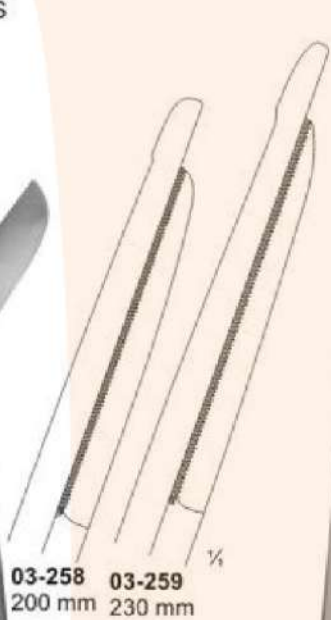
03-256
BRAUN-STADLER
225 mm



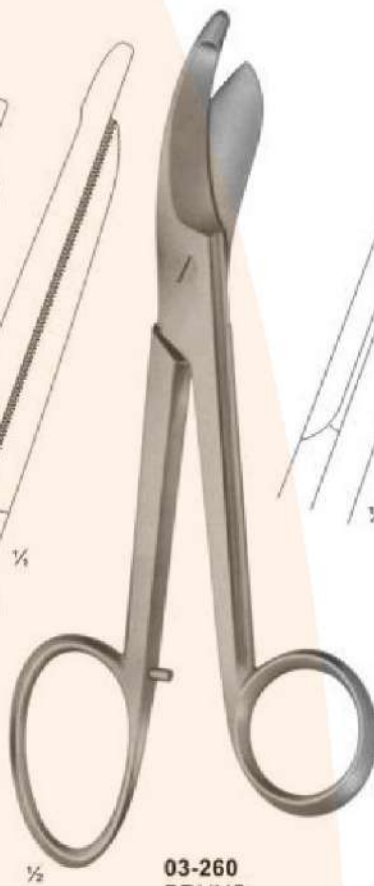
03-257
SEUTIN
230 mm



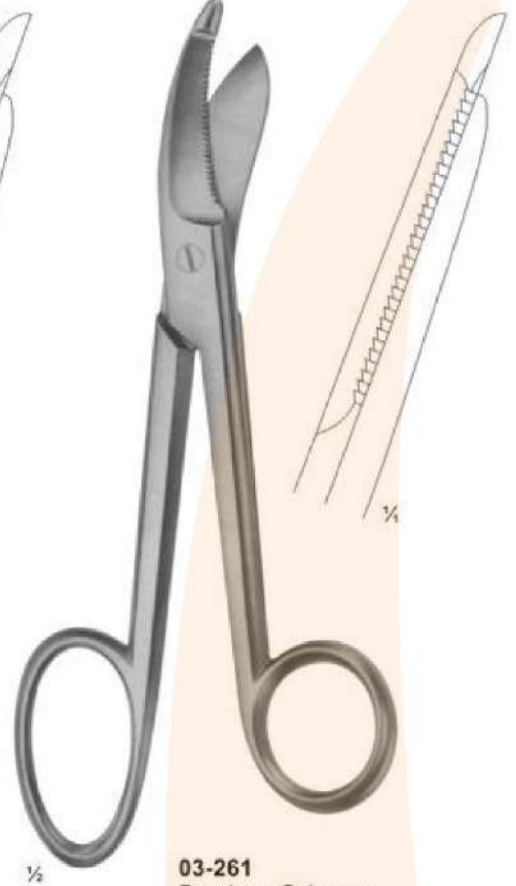
03-258 - 259
ESMARCH



03-258 200 mm
03-259 230 mm

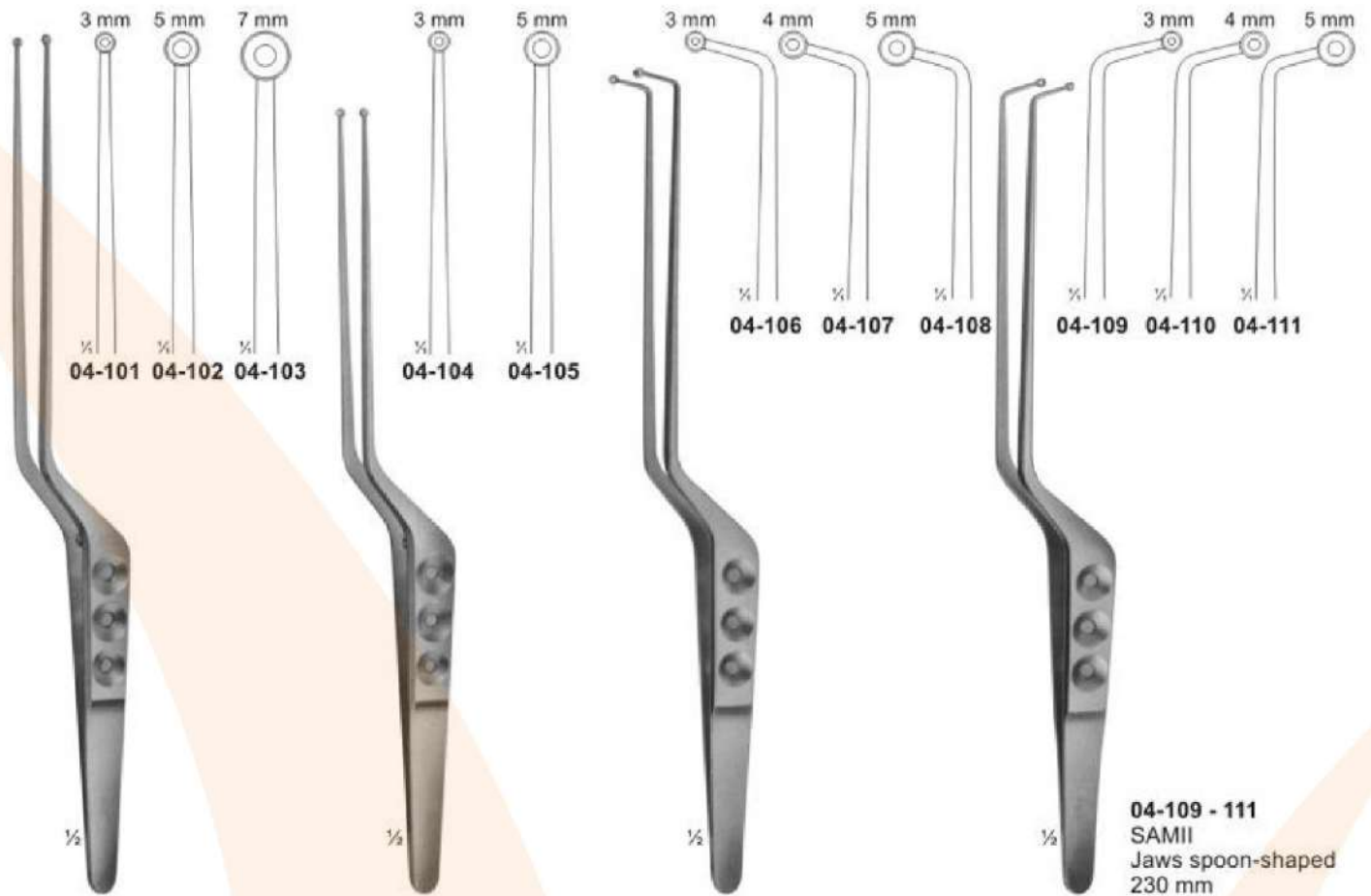


03-260
BRUNS
235 mm



03-261
Bandage Scissors
235 mm

**Forceps for grasping tissue, tumors etc.
Pinzetten zum Fassen von Gewebe Tumoren usw.**

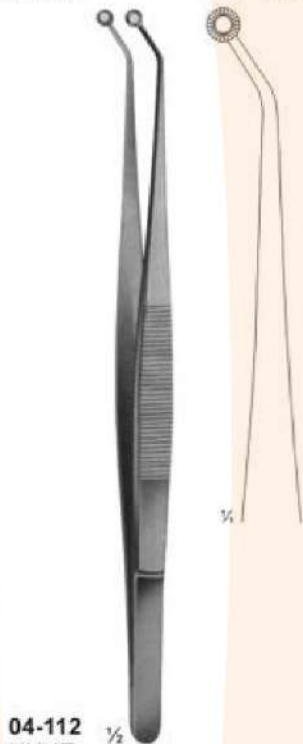


04-101 - 103
YASARGIL-SAMII
Jaws spoon-shaped
240 mm

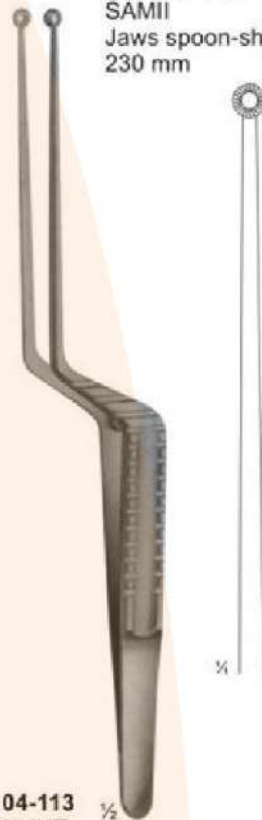
04-104 - 105
YASARGIL
Jaws spoon-shaped
220 mm

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

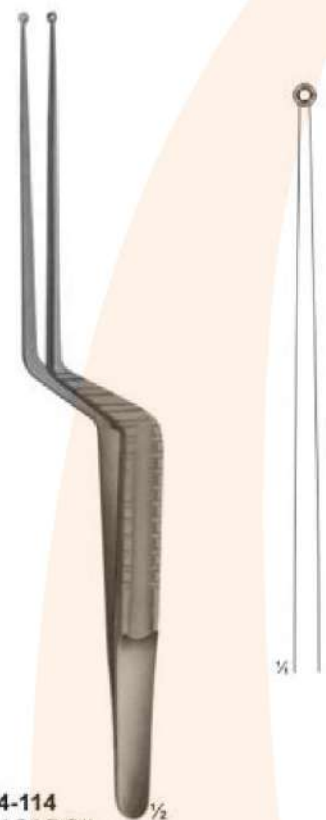
04-109 - 111
SAMII
Jaws spoon-shaped
230 mm



04-112
HUNT
Tumor-and vessel forceps
200 mm



04-113
HUNT
Tumor-and vessel forceps
200 mm

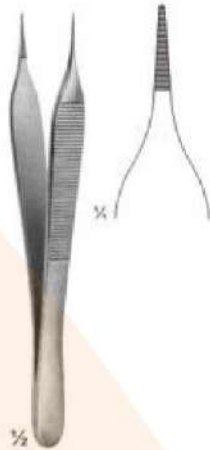


04-114
YASARGIL
Tumor-and vessel forceps
200 mm

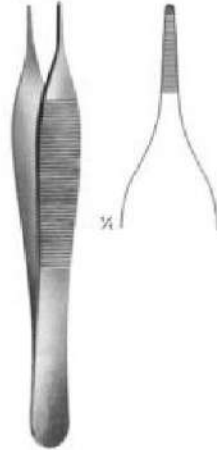
Delicate Dissecting, Microscopic, Sterilizing Forceps
Feine anatomische, Mikroskopier, Sterilisierpinzette



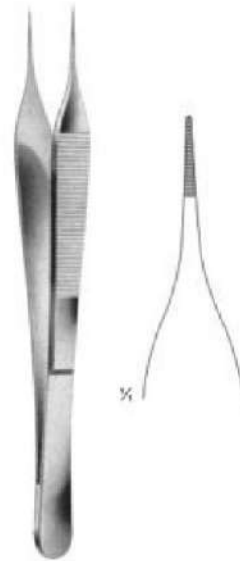
04-115
THORPE
 Corneal forceps
 120 mm



04-116
MICRO-ADSON
 120 mm



04-117
ADSON
 120 mm



04-118
MICRO-ADSON
 150 mm



04-119 - 121
 100 mm



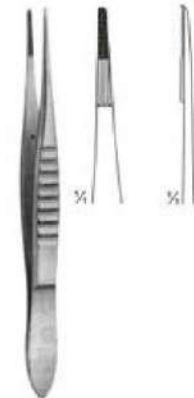
04-119



04-120



04-121



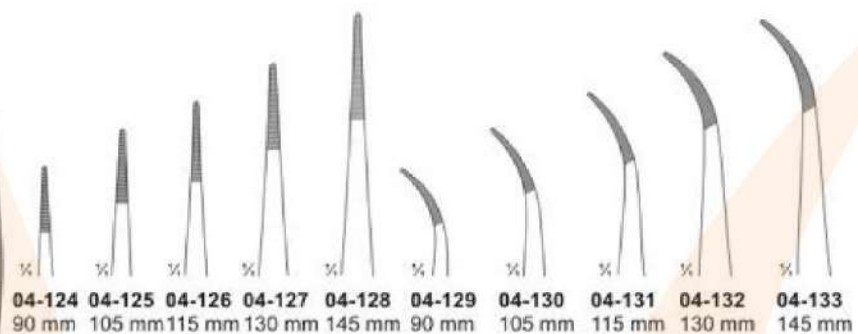
04-122
BONACCOLTO
 110 mm



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



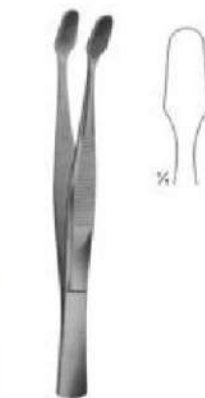
04-134
 100 mm



04-135
 100 mm



04-136
 100 mm

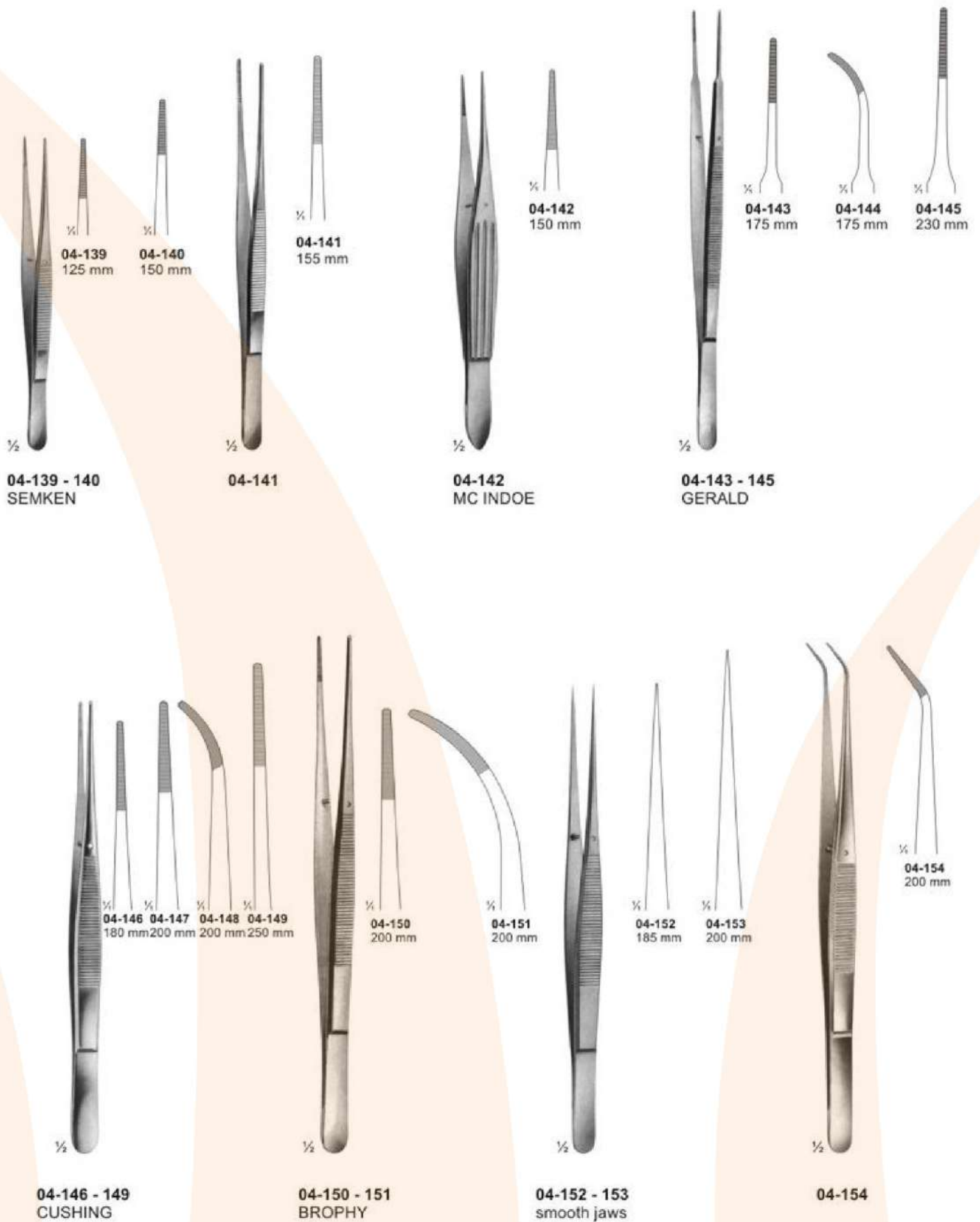


04-137
KUHNE
 Cover glass forceps, 105 mm

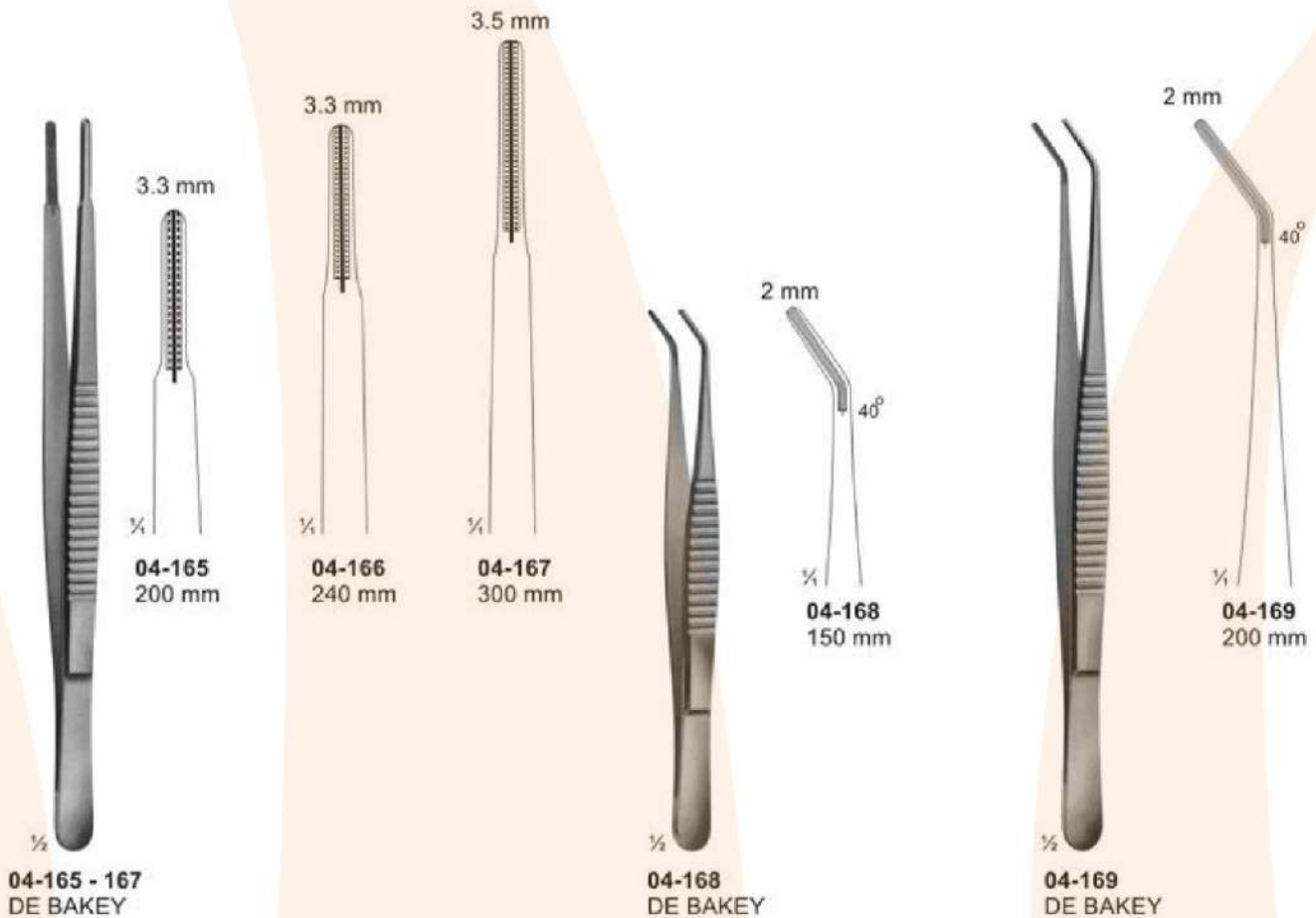
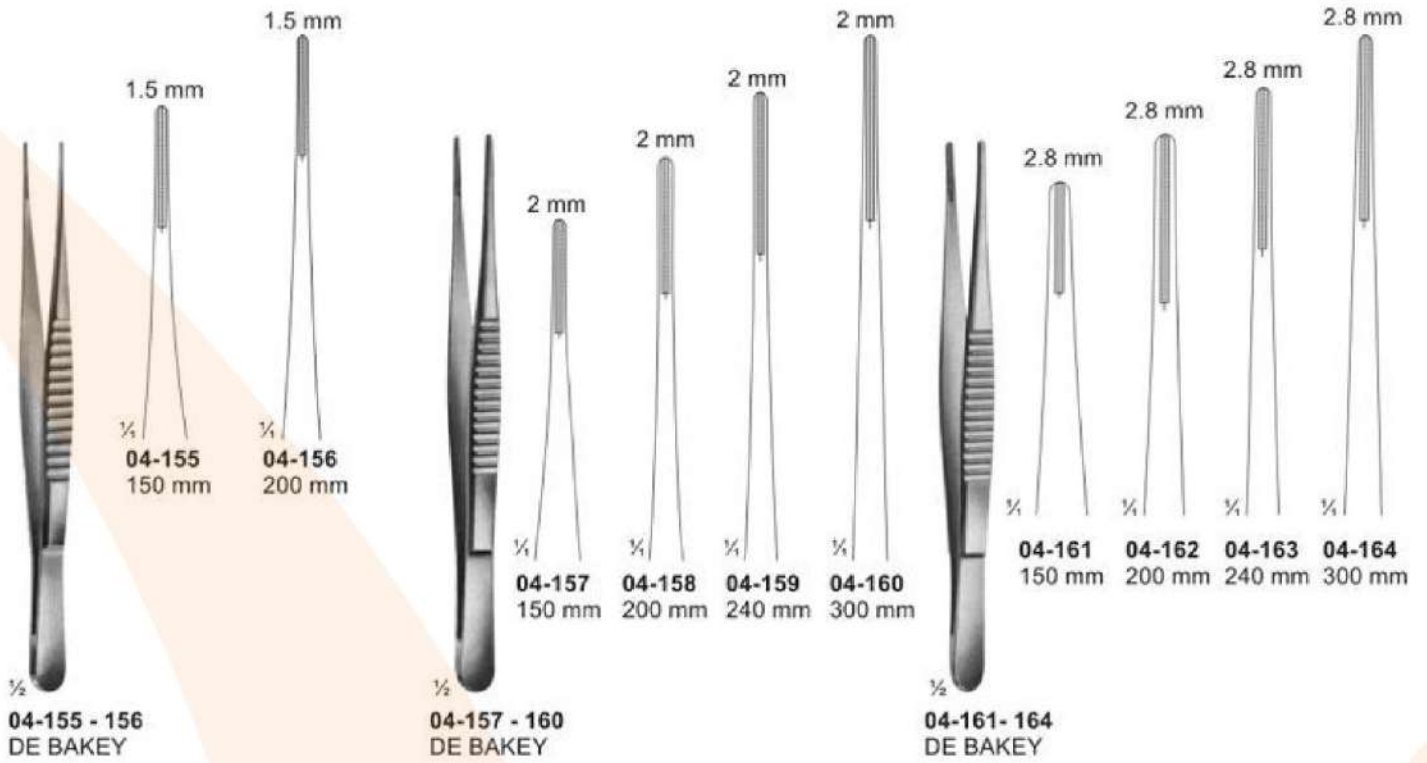


04-138
 160 mm

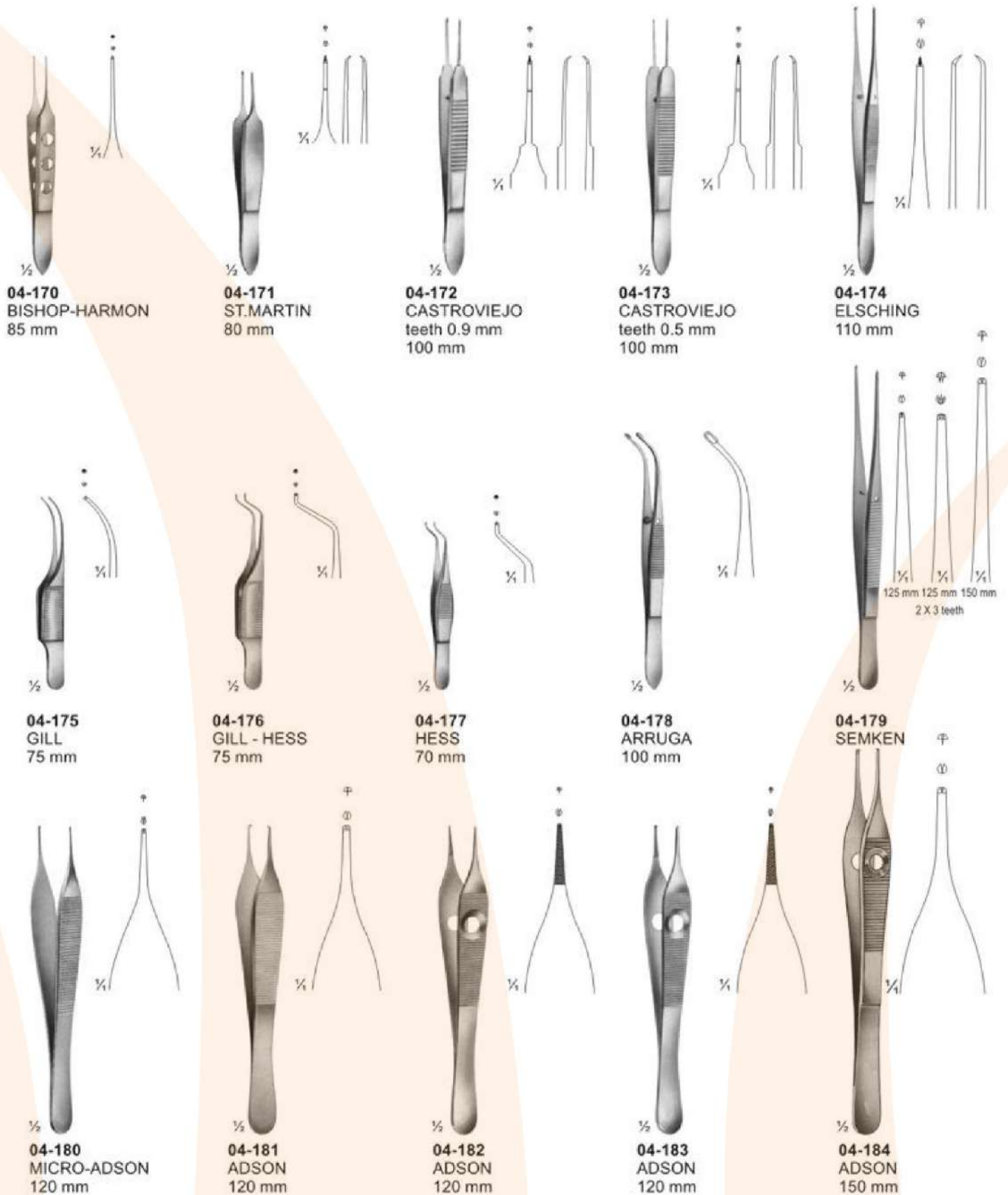
Delicate Dissecting Forceps Feine anatomische Pinzetten



Forceps Pinzetten



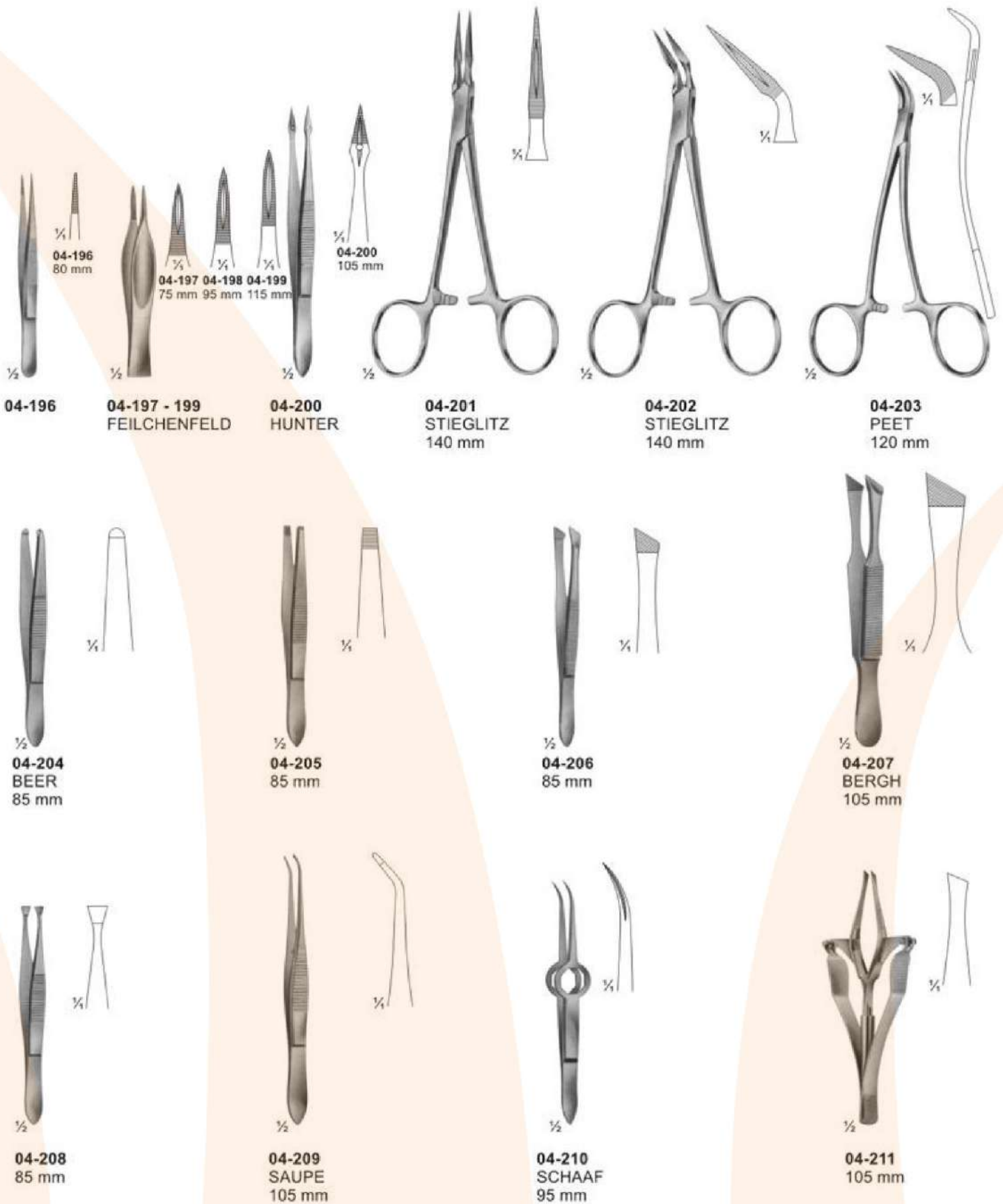
Delicate Tissue Forceps Feine chirurgische Pinzetten



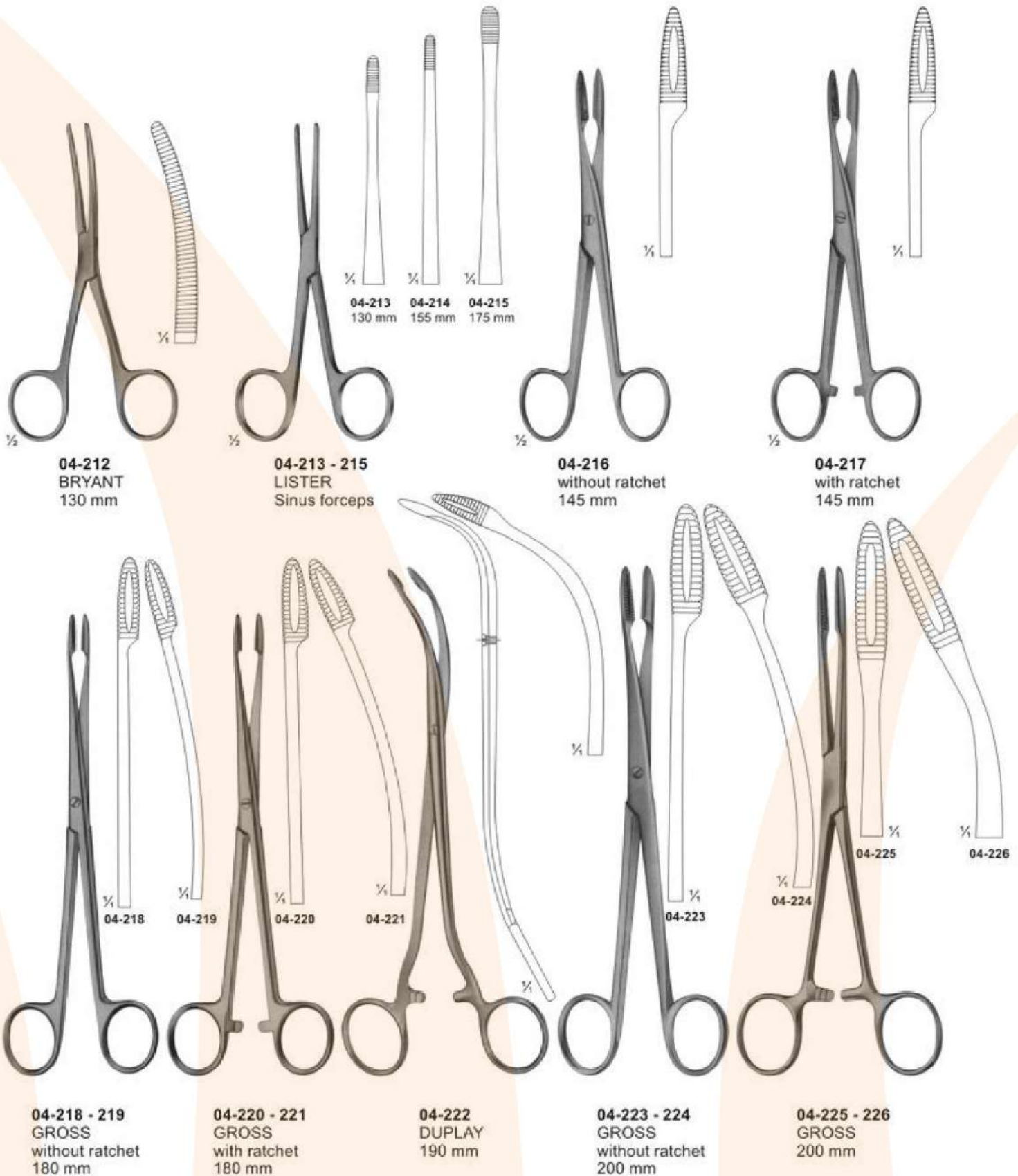
Tissue Forceps, Lung Dissecting Forceps Chirurgische Pinzetten, Lungenfaßpinzetten



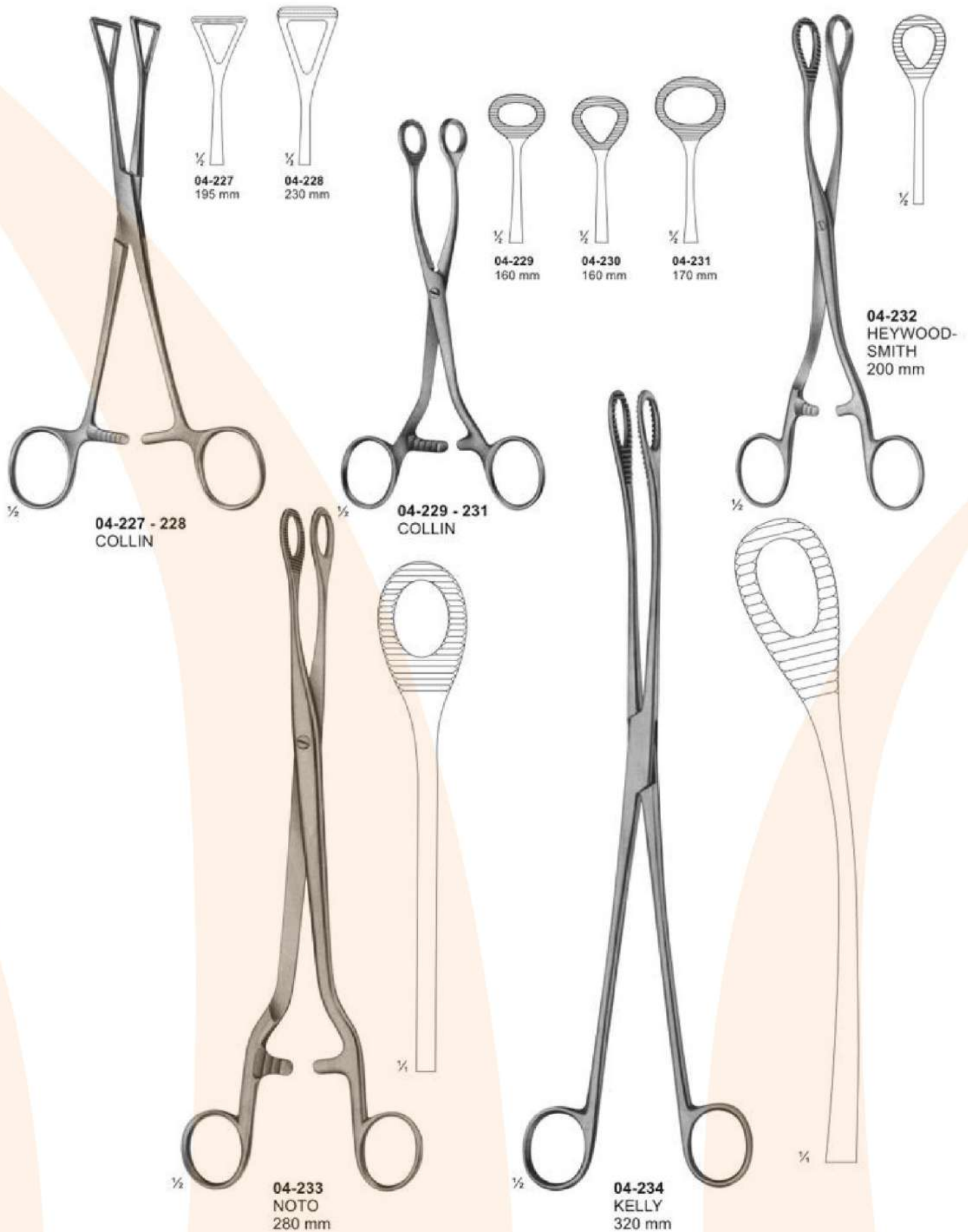
Splinter and Cilia Forceps Splitter und Clienpinzetten

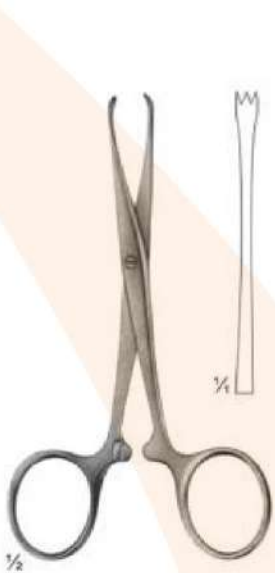


Sponge and Dressing Forceps Kron und Tupferzangen

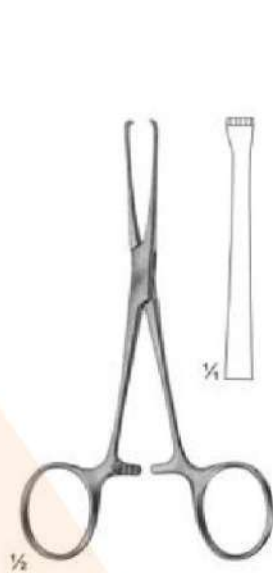


Dressing-, Sponge holding-, Organ- and Tissue Grasping Forceps
 Tupfer-, Schwamm-, Organ- und Gewebefaßzangen

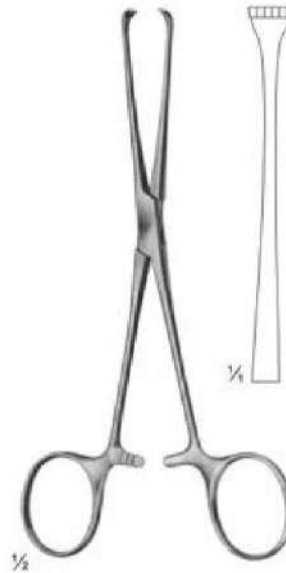




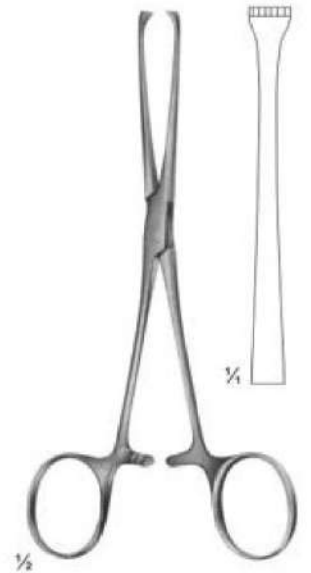
04-235
 CHAPUT
 2 x 3 teeth
 125 mm



04-236
 BABY-ALLIS
 4 x 5 teeth
 130 mm



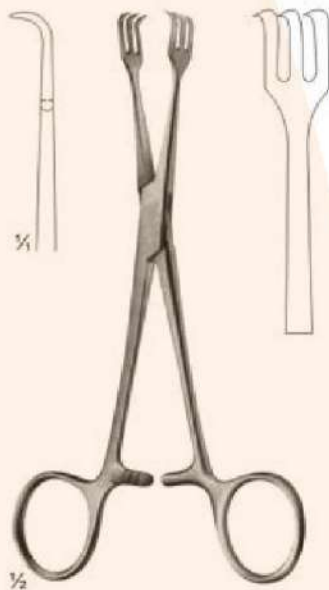
04-237
 BOYS-ALLIS
 5 x 6 teeth sharp
 155 mm



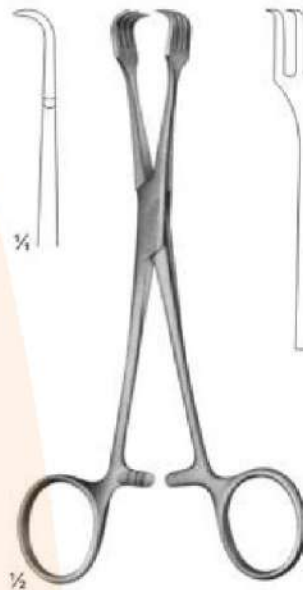
04-238
 ALLIS
 5 x 6 teeth
 155 mm



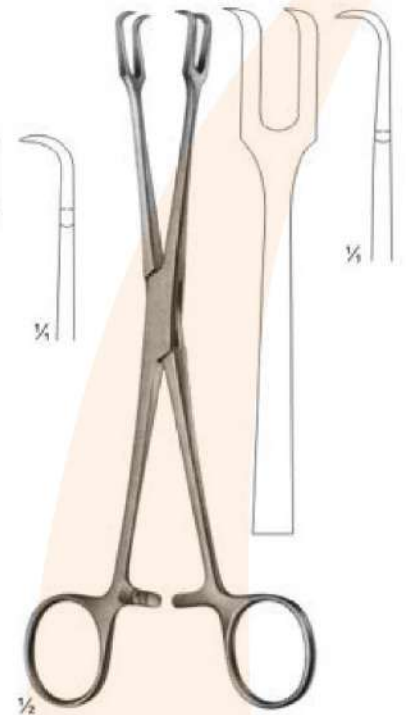
04-239
 LAHEY
 155 mm



04-240
 LAHEY
 155 mm



04-241
 BRAUN
 155 mm



04-242
 MUSEUX
 200 mm

Towel Clamps Tuchklemmen



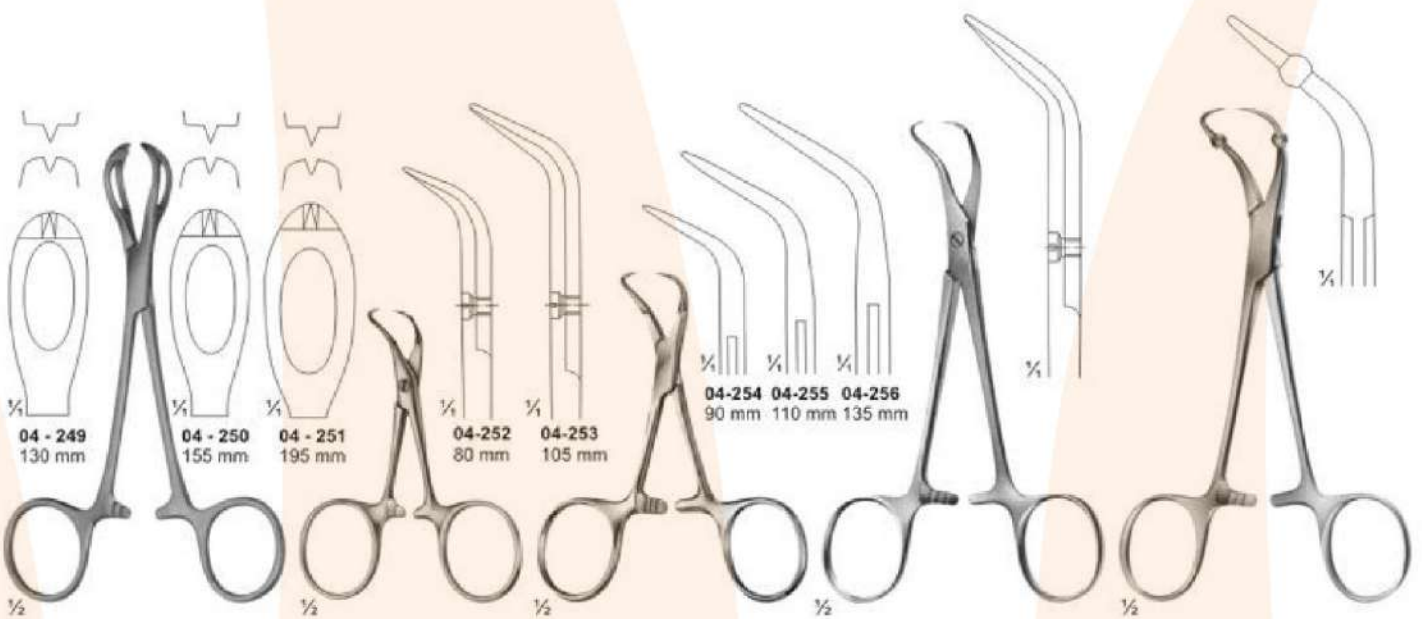
04-243
JONES
85 mm

04 - 244
ENGL. MOD.
85 mm

04 245 - 246
SCHAEDEL
85 mm

04-247
DOYEN
110 mm

04-248
DOYEN
180 mm



04 - 249
130 mm

04 - 250
155 mm

04 - 251
195 mm

04-252
80 mm

04-253
105 mm

04-254 04-255 04-256
90 mm 110 mm 135 mm

04-249 - 251
LANE

04-252 - 253
BACKHAUS

04-254 - 256
BACKHAUS

04-257
BACKHAUS-KOCHER
135 mm

04-258
ROEDER
135 mm

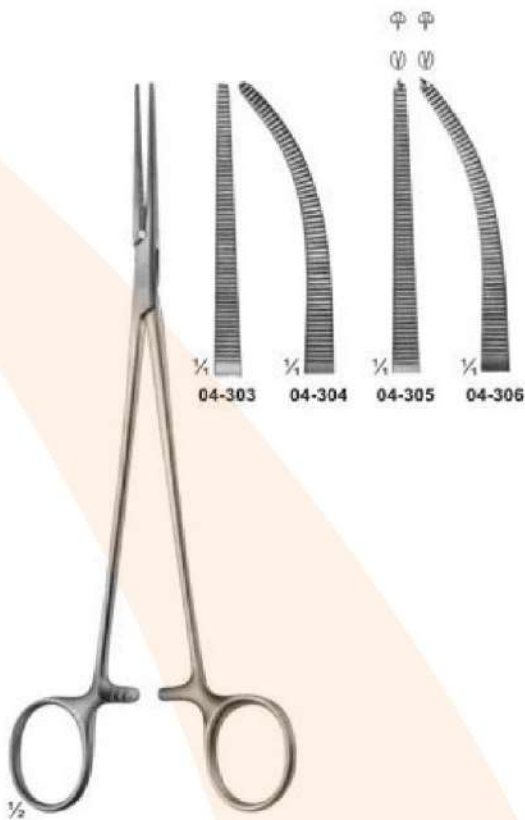
Muller Vessel Clips and Bulldog Clamps GefaBclips nach MULLER und Bulldogklemmen



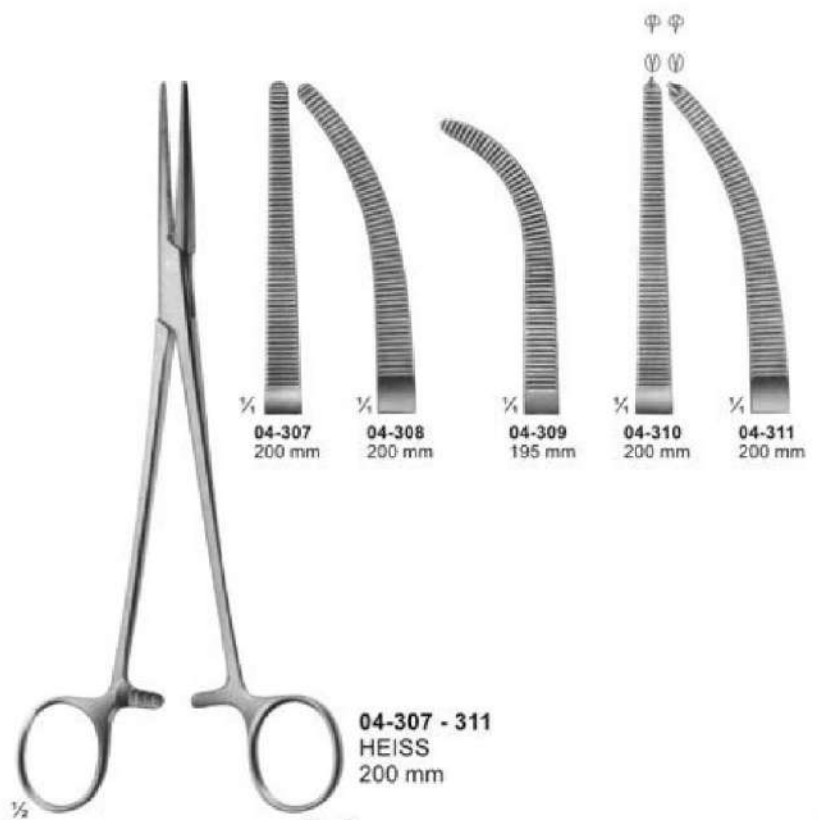
Closing force

 04-259 straight	 04-260 curved	 04-261 curved tips	 04-262 angled shaped	 04-263 MULLER knee-bent	 04-264 Muller Ligature Forceps	 Jaw, cross serrated
80g 50g	80g 50g	80g 50g	80g 50g	80g 50g	80g 50g	
 04-265 35 mm	 04-266 35 mm	 04-267 45 mm	 04-268 45 mm	 04-269 DIEFFENBACH 38 mm	 04-270 DIEFFENBACH 38 mm	 04-271 DIEFFENBACH 58 mm
				 04-272 DIEFFENBACH 38 mm	 04-273 DIEFFENBACH 48 mm	 04-274 DIEFFENBACH 58 mm
						 04-275 - 281 JOHNS-HOPKINS 91 mm
						 04-282 DE BAKEY- HESS 20 mm
 04-283 DE BAKEY length 50 mm jaws 27 mm	 04-284 DE BAKEY length 48 mm jaws 27 mm	 04-285 GLOVER length 57 mm jaws 35 mm	 04-286 DE BAKEY length 73 mm jaws 38 mm	 04-287 DE BAKEY length 99 mm jaws 63 mm	 04-288 DE BAKEY length 95 mm jaws 54 mm	 04-289 DE BAKEY L. 80 mm
						 04-290 DE BAKEY L. 90 mm
						 04-291 DE BAKEY L. 105 mm
						 04-292 DE BAKEY L. 124 mm
						 04-293 DE BAKEY L. 78 mm
						 04-294 DE BAKEY L. 86 mm
						 04-295 DE BAKEY L. 97 mm
						 04-296 DE BAKEY L. 114 mm
						 04-297 GLOVER L. 68 mm
						 04-298 GLOVER L. 96 mm
						 04-299 GLOVER L. 117 mm
						 04-300 GLOVER L. 65 mm
						 04-301 GLOVER L. 91 mm
						 04-302 GLOVER L. 110 mm

Delicate Haemostatic Forceps Feine Arterienklemmen



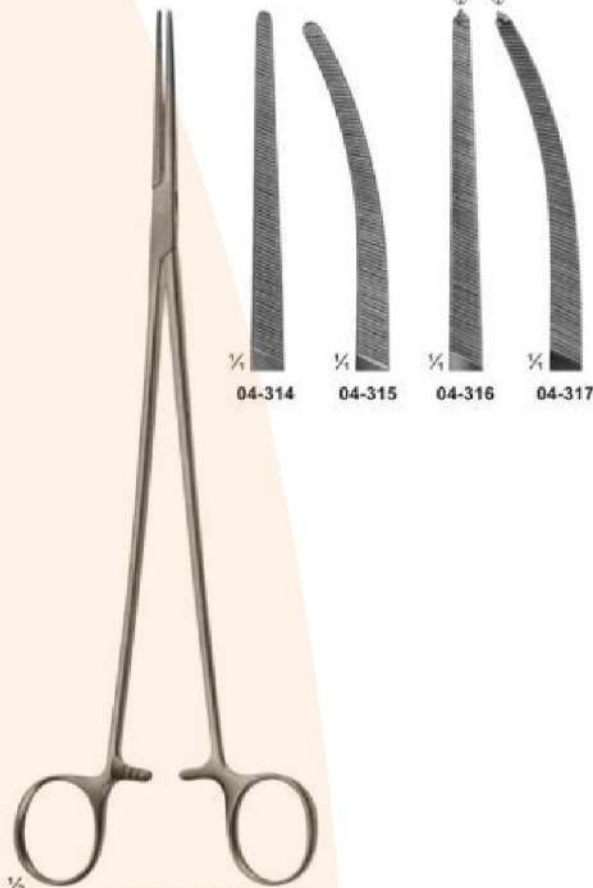
04-303 - 306
HALSTED-MOSQUITO
200 mm



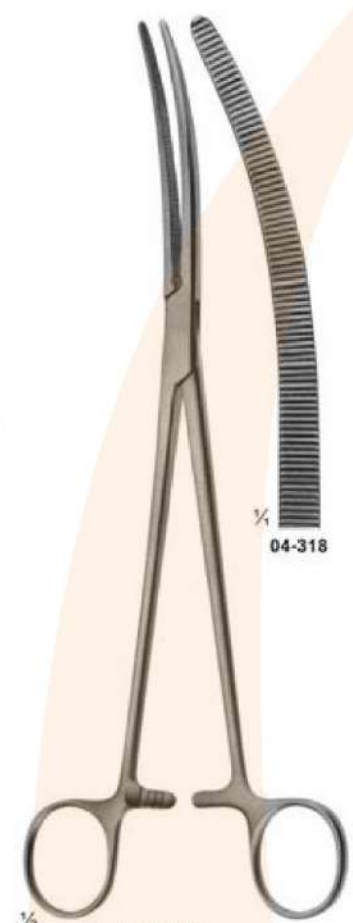
04-307 - 311
HEISS
200 mm



04-312 - 313
HALSTED
215 mm

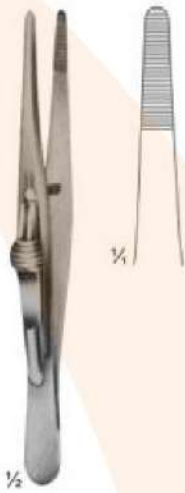


04-314 - 317
BENGOLEA
245 mm



04-318
CRAFOORD
245 mm

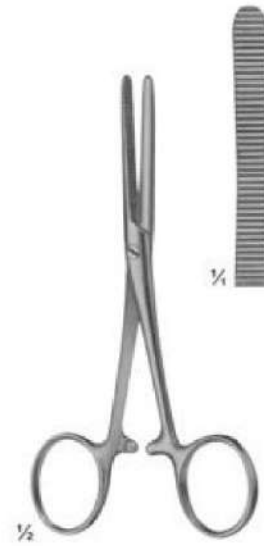
Haemostatic Forceps Arterienklemmen



04-319
FRICKE
Artery forceps
130 mm



04-320
KRONLEIN
130 mm



04-321
PEAN
125 mm

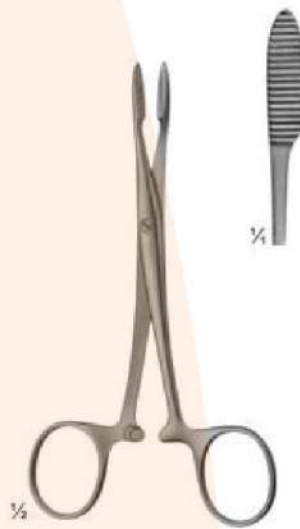


04-322
125 mm

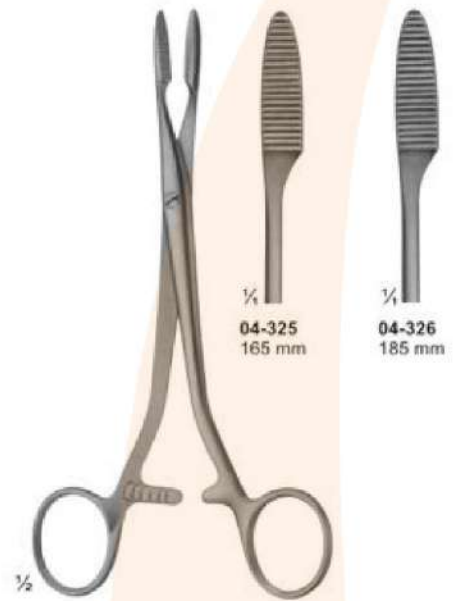


04-323
140 mm

04-322 - 323
PEAN



04-324
PEAN
125 mm

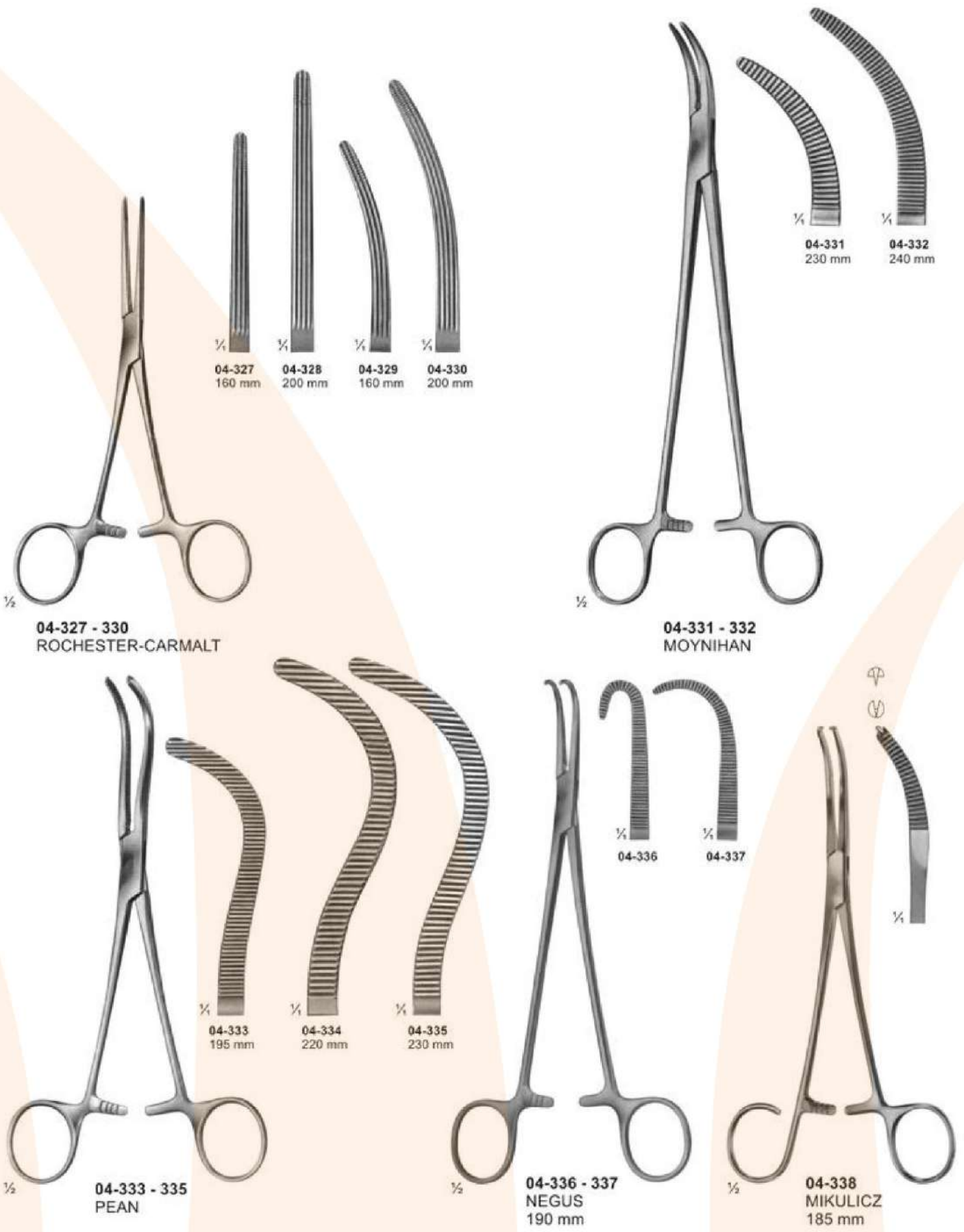


04-325
165 mm



04-326
185 mm

04-325 - 326
PEAN



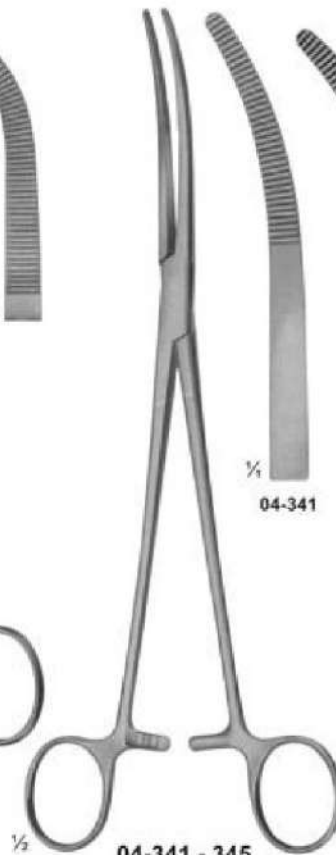
Dissecting- and Ligature Forceps Präparier- und Ligaturklemmen



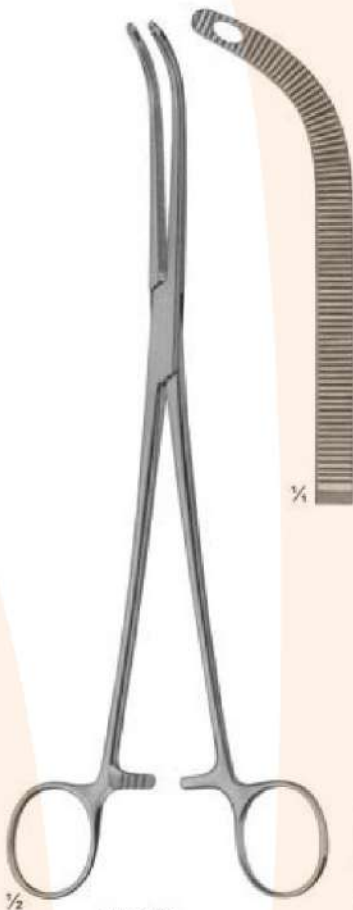
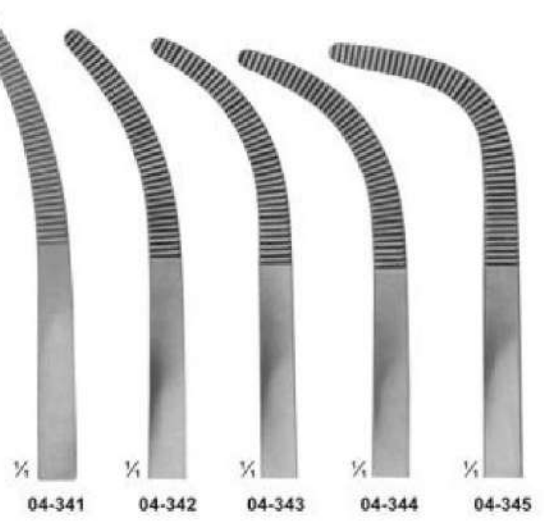
04-339
MIXTER-O'SHAUGHNESSY
190 mm



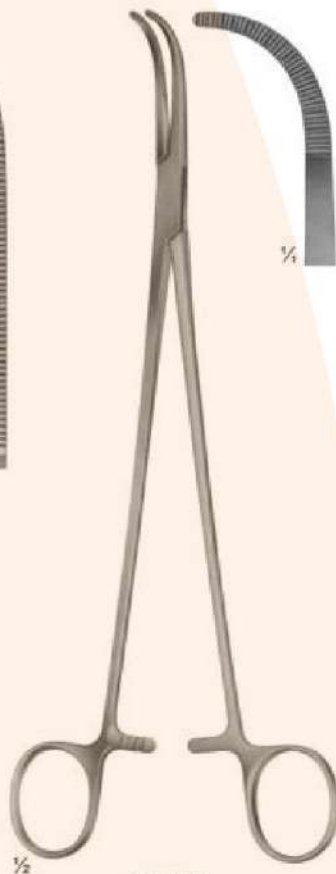
04-340
HEISS
195 mm



04-341 - 345
RUMEL
240 mm



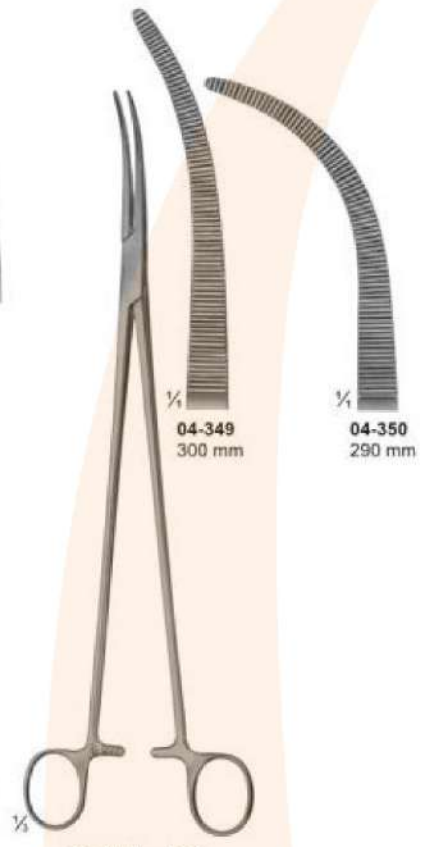
04-346
FINOCHIETTO
245 mm



04-347
MIXTER
230 mm



04-348
LAWRENCE
270 mm

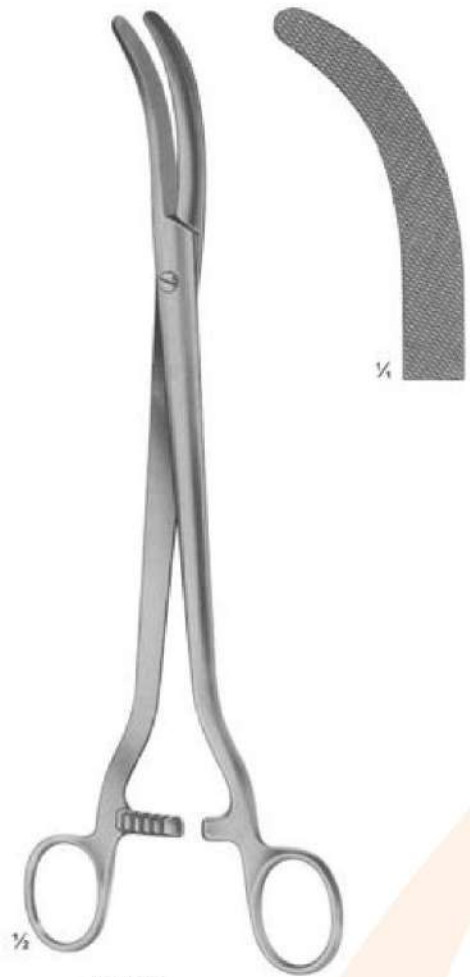


04-349 - 350
ZENKER

Hysterectomy Forceps, Vaginal Clamps
and Compression Forceps
Hysterektomie, Vaginalklemmen und klemmzangen



04-351
WERTHEIM
Hysterectomy forceps
255 mm



04-352
WERTHEIM
Parametrium clamp
260 mm



04-353 - 355
DICK



04-353 255 mm
04-354 265 mm
04-355 275 mm

Hysterectomy Forceps, Vaginal Clamps
and Compression Forceps
Hysterektomie, Vaginalklemmen und klemmzangen



04-356
WERTHEIM
250 mm

1/2

1/4



04-359
80 mm

04-358
60 mm

1/4

1/4



1/2

04-358 - 359
230 mm



1/2

04-357
WERTHEIM-CULLEN
215 mm

Needle Holders for micro surgery Nadelhalter für Mikorchirurgie



05-101
ROHRSCHEIDER
with copper inserts
100 mm



05-102
KALT
with catch
135 mm



05-103
ARRUGA
with catch
135 mm



05-104 - 105
CASTROVIEJO
with catch
145 mm



05-106 - 107
without Catch
160 mm



05-108 - 109
without catch
185 mm



05-109



05-110 - 111
JACOBSON
without catch
185 mm



05-111
with catch



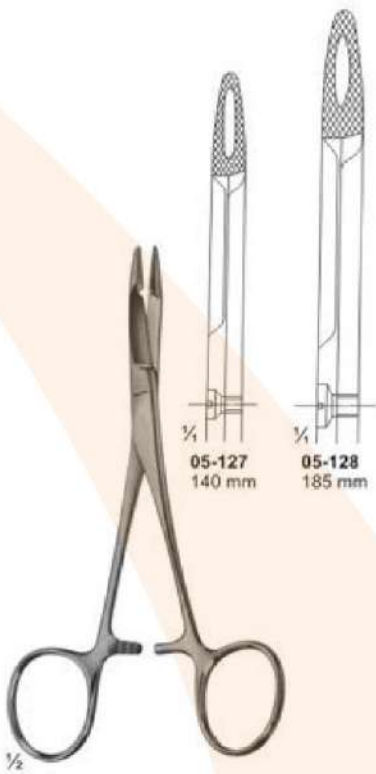
05-112
without catch
195 mm



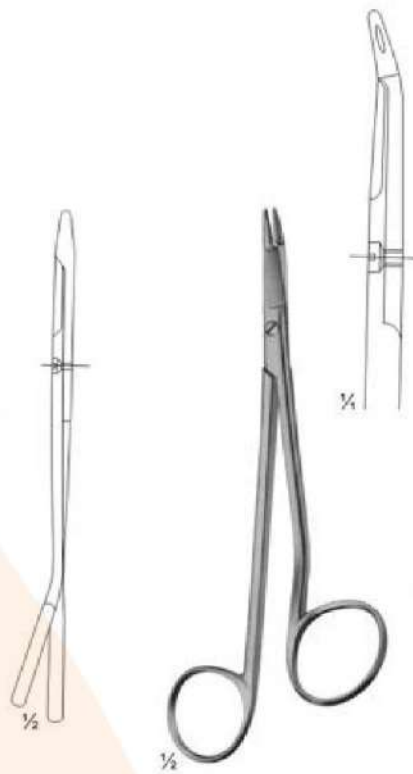
05-113 - 114
YASARGIL
with catch
200 mm



Needle Holders Nadelhalter



05-127 - 128
HEGAR-OLSEN
255 mm



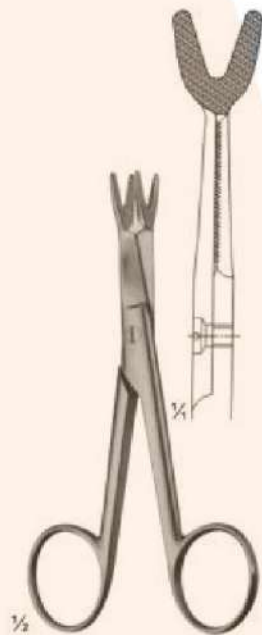
05-129
GILLIES
150 mm



05-130
GILLIES
160 mm



05-131
EISELSBERG
115 mm



05-132
SCHOEMAKER-LOTH
125 mm

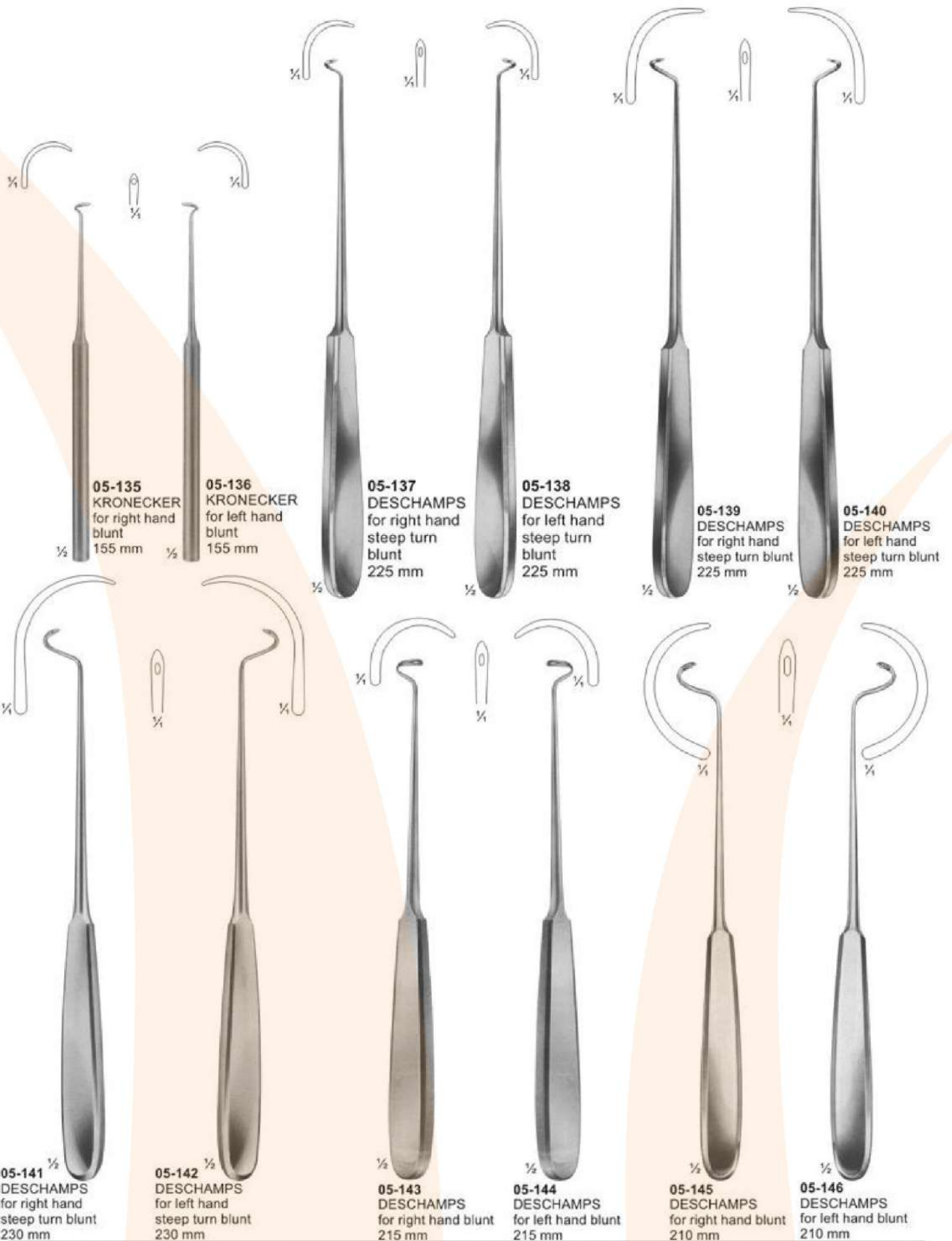


05-133
CRILE
150 mm



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

Suture Instruments - Reverdin Needles Naht-Instrumente-Reverdin-Nadeln





05-147 130 mm
05-148 145 mm
05-149 160 mm
Directors



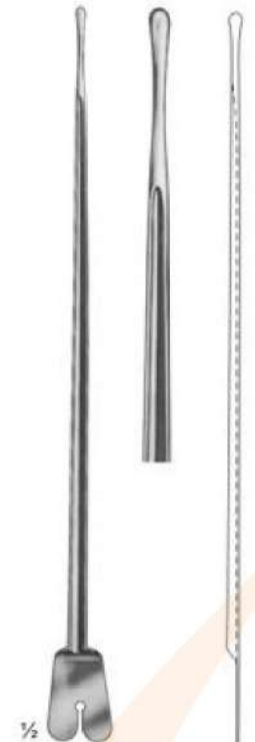
05-150
DOYEN
145 mm
Directors



05-151
NELATON
160 mm
Directors



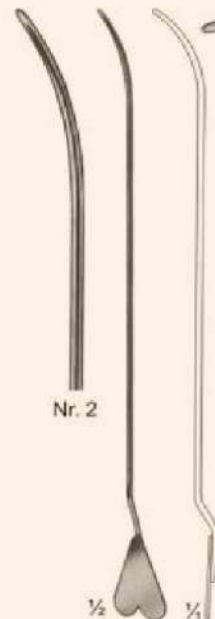
05-152
Director with tip
Diam. Of tip 3,3 mm
140 mm



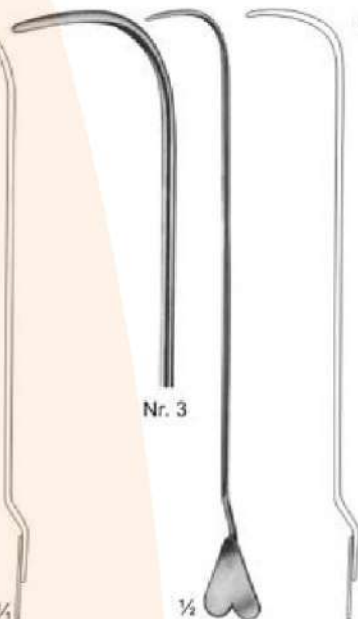
05-153
BRODIE
Director with tip,
Diam. Of tip 3,5 mm
200 mm



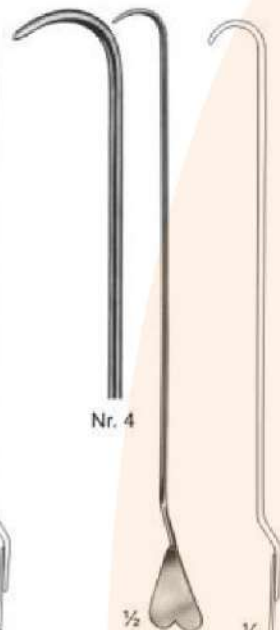
05-154
LOCKHART-MUMMERY
165 mm



05-155
LOCKHART-MUMMERY
165 mm



05-156
LOCKHART-MUMMERY
165 mm



05-157
LOCKHART-MUMMERY
165 mm



05-158
Director with wire
loop, malleable
190 mm

05-199
2,5 mm
05-200
2,5 mm
05-201
3,0 mm



½

05-159 145 mm
05-160 160 mm
05-161 200 mm
Probes with eye

1,5 mm



½

05-162
Myrtle leaf probe
145 mm

2,0 mm



½

05-163 130 mm
05-164 145 mm
05-165 160 mm
05-166 180 mm
05-167 200 mm

2,0 mm



½

05-168
Probes



½

05-169
Double ended probe,
malleable, diam. of tips
3 mm with hole
190 mm



05-170

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



¼

05-171
Double ended probes,
tin, malleable,
diam. of tips 4 mm
400 mm



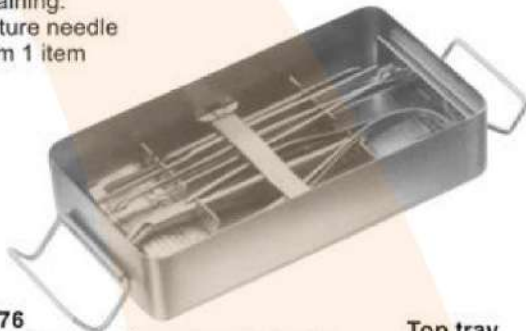
¼

05-172 1,5 mm
05-173 2,0 mm
05-174 2,5 mm
300 mm



05-175

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



05-176

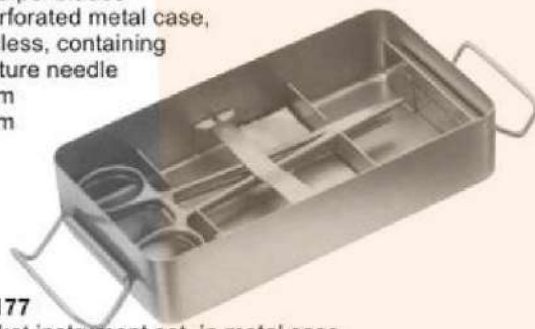
Pocket instrument set, in metal case
consisting of:

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



05-177

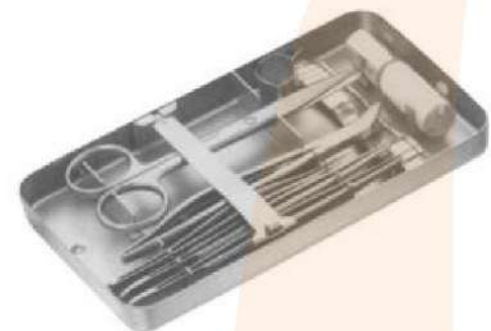
Pocket instrument set, in metal case
consisting of:

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) Feine Wundhakchen (Dura- und Hauthakchen)



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



06-118
3 mm



06-119
6 mm



06-120
8 mm



06-121

06-122

3 X 11 mm

7 X 12 mm

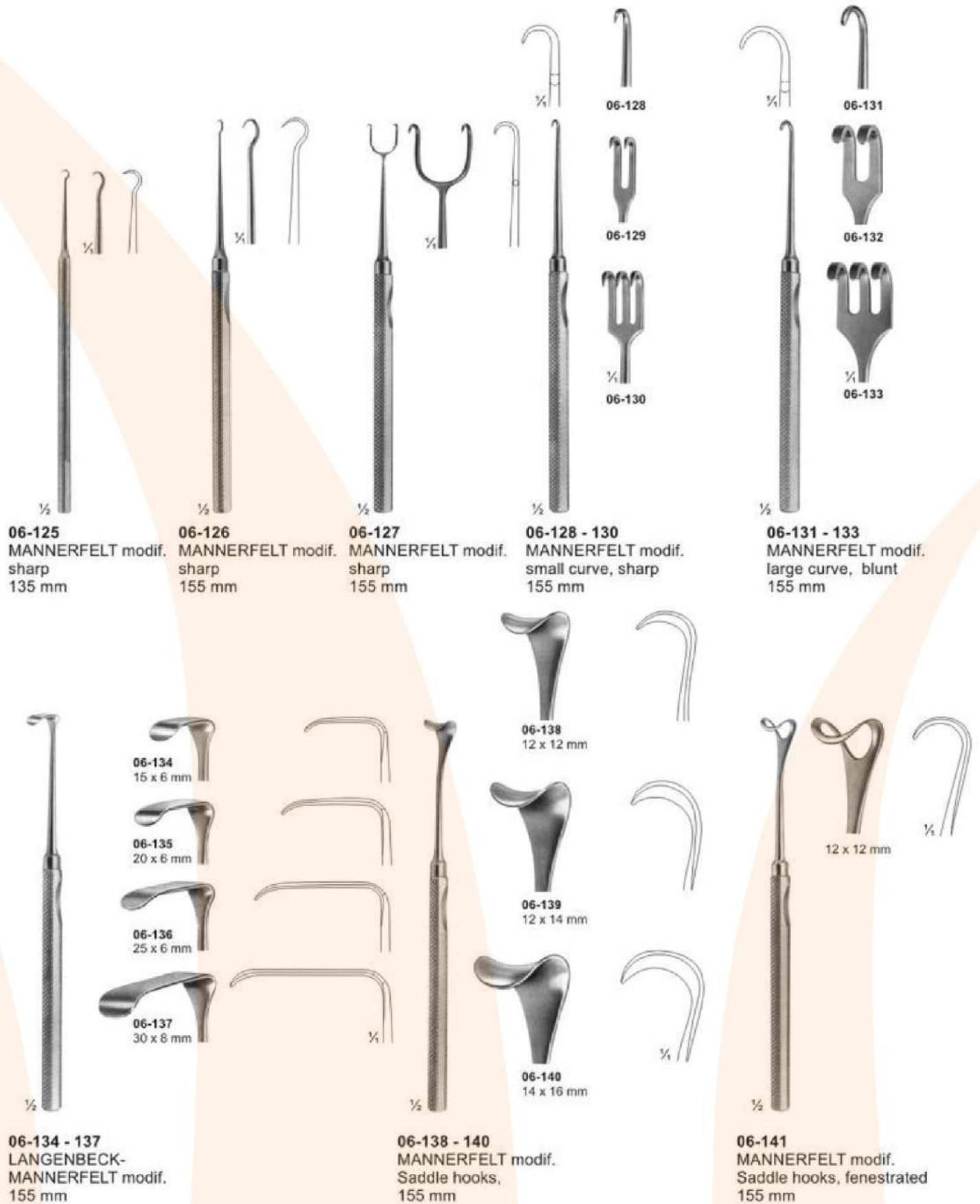
8 X 12 mm

06-121 - 122
GILLIES
180 mm

06-123
KILNER
sharp
80 mm

06-124
CONVERSE
blunt
120 mm

Retractors With treangle handle Wundhaken mit Treangle-Griff



Retractors Wundhaken



¼
6 x 12 mm

½
06-142
MASING
140 mm



¼
10 x 12 mm

½
06-143
COTTLE
140 mm



¼
06-144
9 x 9 mm



¼
06-145
9 x 12 mm

½
06-144 - 148
DESMARRES
140 mm



¼
06-146
11 x 14 mm



¼
06-147
12 x 16 mm



¼
06-148
13 x 18 mm



½
06-149 - 150
KONIG
180 mm



¼
06-149
13 x 13 mm



½
06-151
CUSHING-KOCHER
175 mm



¼
10 x 10 mm



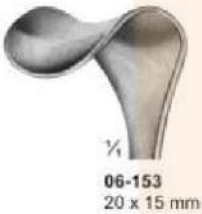
¼
06-150
12 x 16 mm



½
06-152 - 153
KOCHER
205 mm



¼
06-152
20 x 12 mm



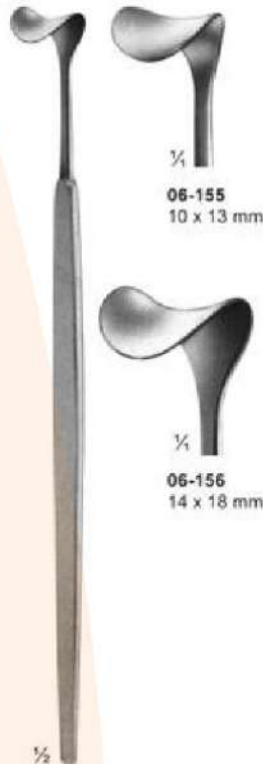
¼
06-153
20 x 15 mm



½
06-154
SCHOENBORN
200 mm



¼
13 x 6 mm



½
06-155 - 156
CUSHING
205 mm



¼
06-155
10 x 13 mm



¼
06-156
14 x 18 mm



½
06-157
205 mm

20 x 15 mm

20 x 19 mm



¼
06-158
11 x 14 mm



¼
06-159
13 x 18 mm



¼
06-160
15 x 22 mm



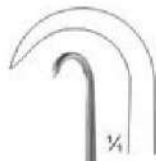
½
06-158 - 160
CUSHING
250 mm



Bone Retractors and Retractors Knochen- und Wundhaken



06-169
KOCHER
sharp
205 mm



06-170
KOCHER
sharp
220 mm



06-171
KOCHER
sharp
220 mm



06-172
VOLKMANN
blunt
220 mm



06-173
VOLKMANN
sharp
220 mm



06-174 - 181
VOLKMANN
225 mm



06-174
9 x 8 mm



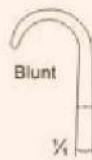
06-175
9 x 13 mm



06-176
9 x 19 mm



06-177
9 x 29 mm



06-178
8,5 x 8 mm



06-179
8,5 x 13 mm



06-180
8,5 x 19 mm



06-181
8,5 x 29 mm

Retractors Wundhaken



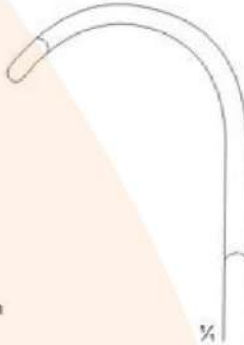
06-182
15 x 15 mm
220 mm



06-183
20 x 22 mm
215 mm



06-184
28 x 28 mm
235 mm



06-182 - 184
MIDDELDORPF



38 x 18 mm

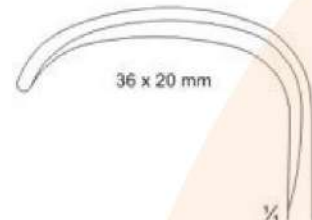
06-185
BUCHS
205 mm



67 x 17 mm



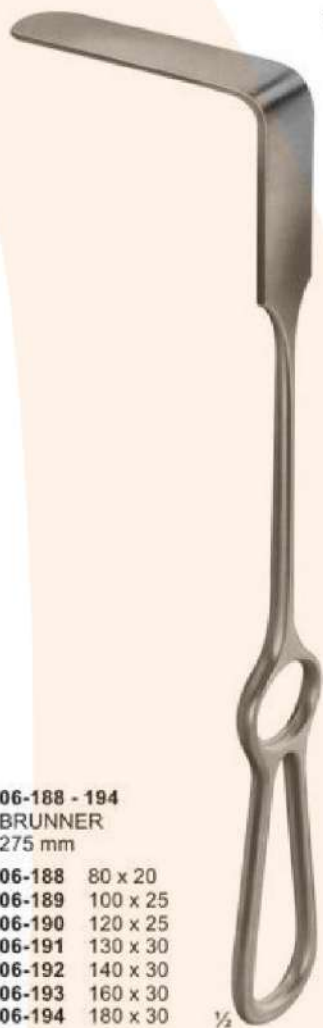
06-186
CASPAR
210 mm



36 x 20 mm

06-187
KOCHER
230 mm

Retractors, Vario Retractor System
Wundhaken, Vario- Wundhaken-System



06-188 - 194
BRUNNER
 275 mm

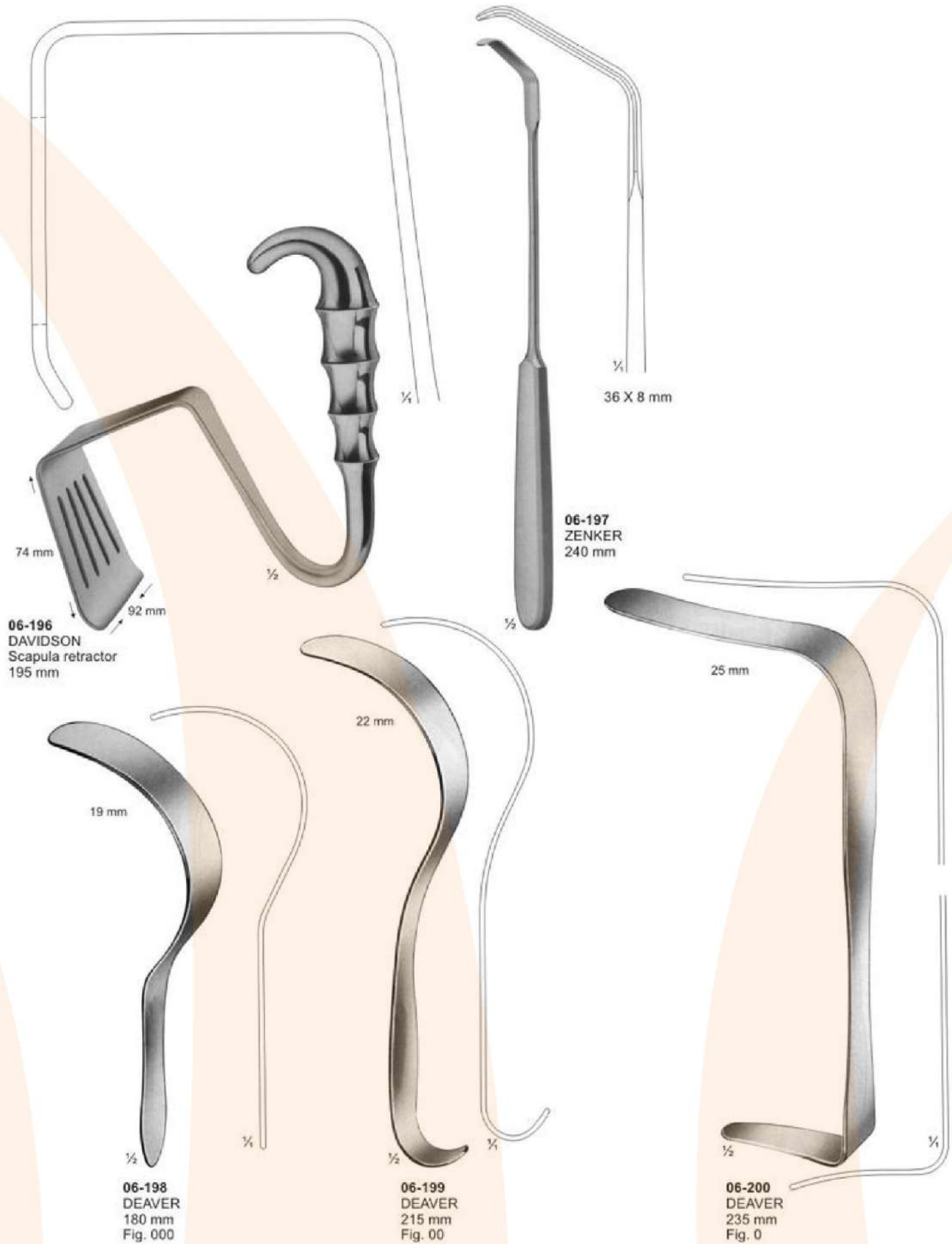
- 06-188** 80 x 20
- 06-189** 100 x 25
- 06-190** 120 x 25
- 06-191** 130 x 30
- 06-192** 140 x 30
- 06-193** 160 x 30
- 06-194** 180 x 30



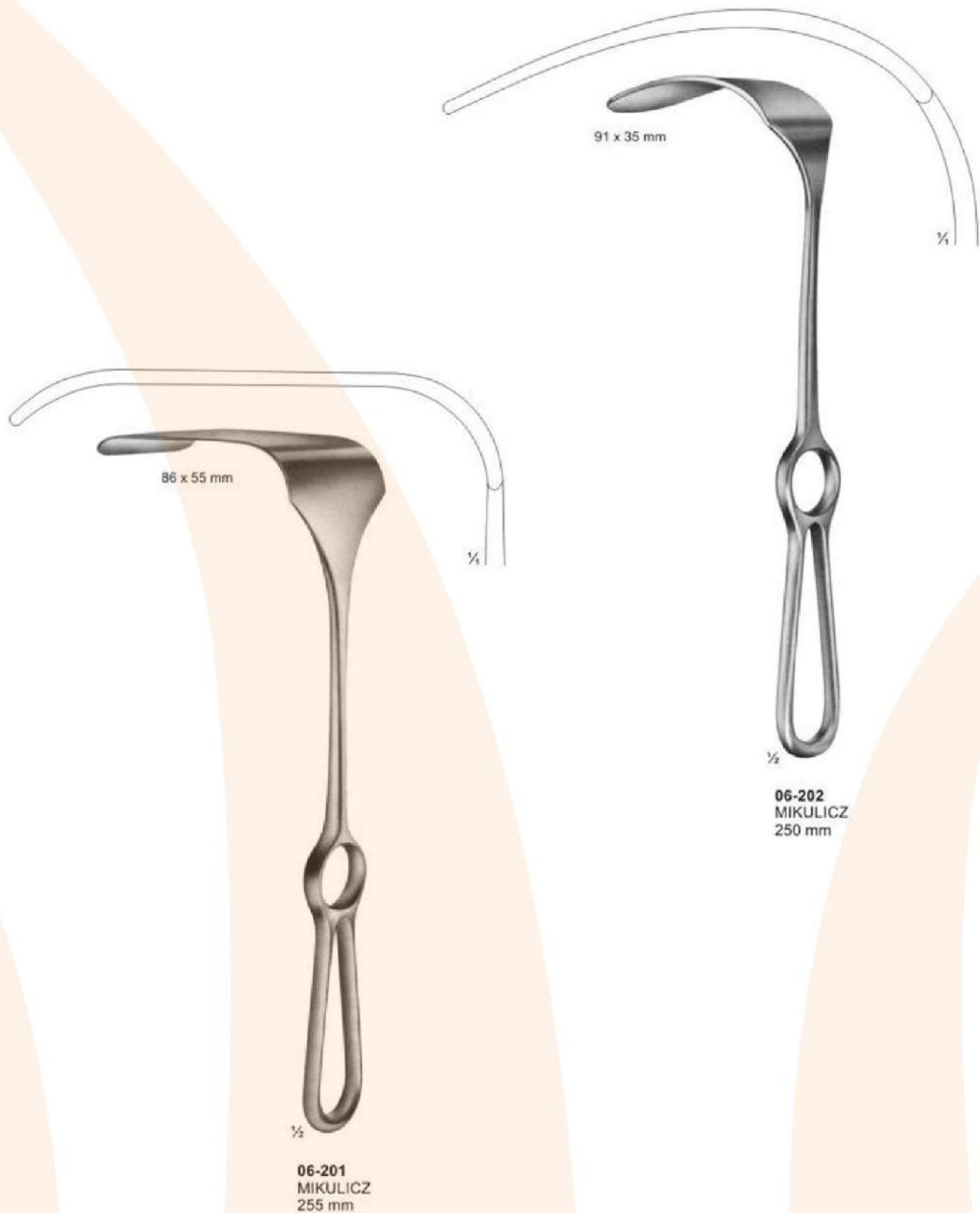
06-195
 Handle with cold
 light carrier for
 retractor blades.
 280 mm

Handle arrange-
 ment verriable

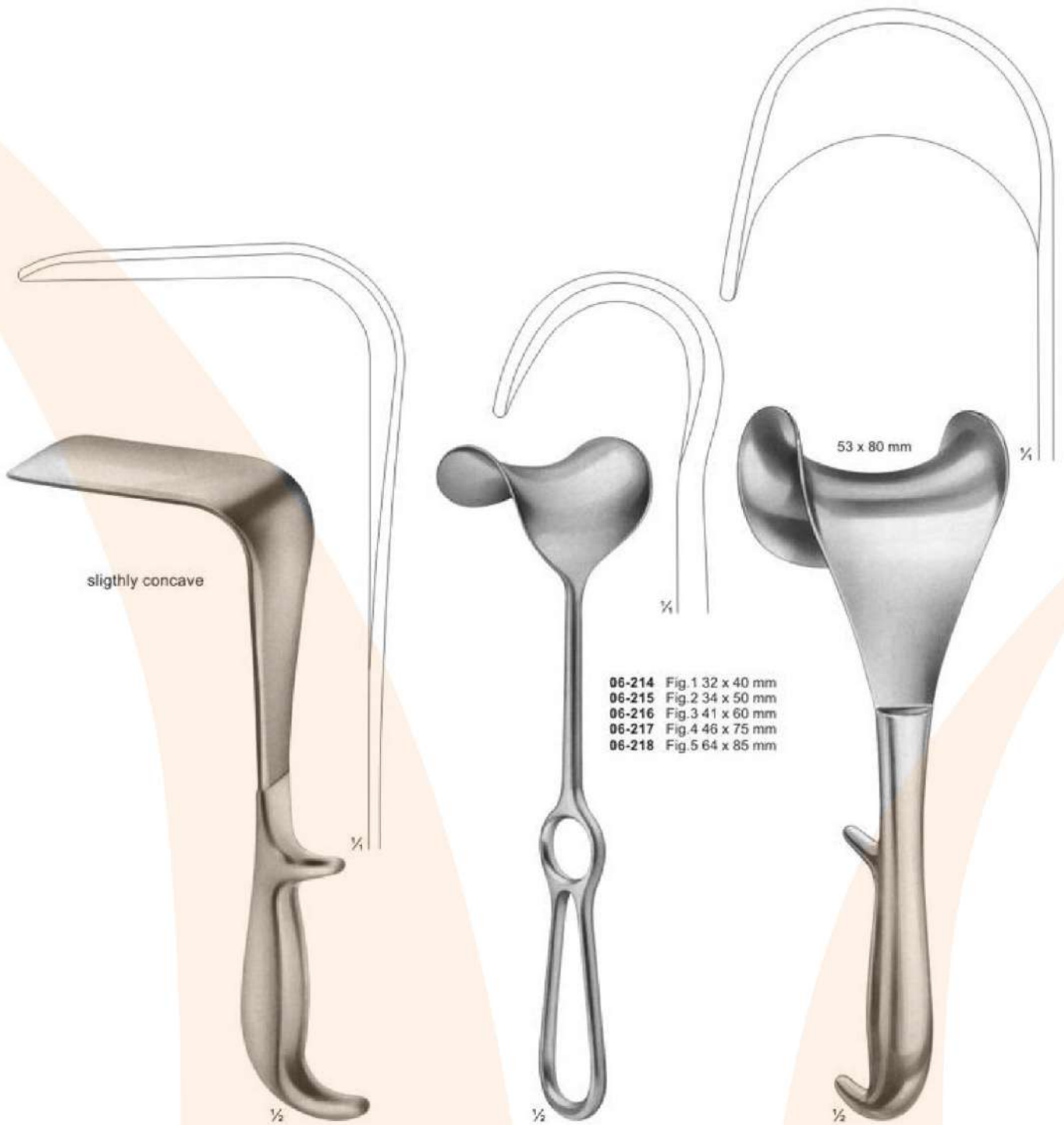
Retractors, Lung Spatulas
Wundhaken, Lungenspatel



Retractors for deep surgery (Abdominal Retractors)
Wundhaken für Eingriffe in der Tiefe (Bauchdeckenhaken)



Retractors, Abdominal Retractors Wundhaken, Bauchdeckenhaken



- 06-214 Fig.1 32 x 40 mm
- 06-215 Fig.2 34 x 50 mm
- 06-216 Fig.3 41 x 60 mm
- 06-217 Fig.4 46 x 75 mm
- 06-218 Fig.5 64 x 85 mm

06-203 - 213
DOYEN
240 mm

06-214 - 218
FRITSCH
240 mm

06-219
DOYEN
250 mm

	width of blades	35 mm, 45 mm, 60 mm
length of blades	06-203 , 06-204 , 06-205	62 mm
	06-206 , 06-207 , 06-208	92 mm
	06-209 , 06-210 , 06-211	122 mm
	06-212 , 06-213	160 mm

Abdominal- and Intestinal Spatulas Bauch- und Darmspatel



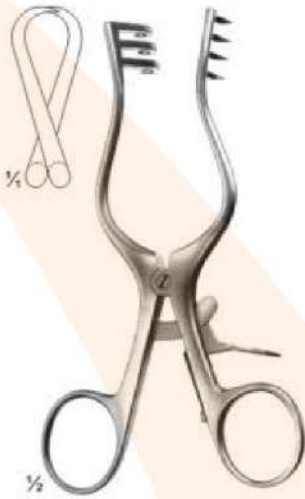
06-220
LERICHE
255 mm

06-221
KUMMEL
Mealleable
285 mm

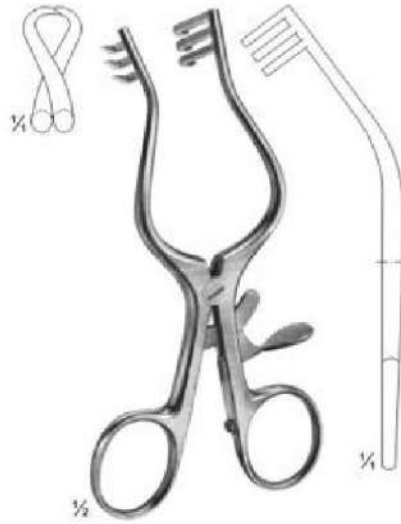
06-222
MIKULICZ
29 mm
250 mm

06-223 - 224
KADER
06-223 30 mm
06-224 40 mm
270 mm

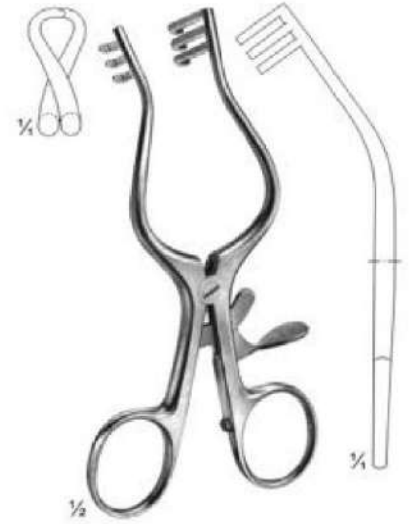
Self-Retaining Retractors Wundspreizer



06-225
WEITLANER
sharp
130 mm



06-226
WULLSTEIN
sharp
130 mm



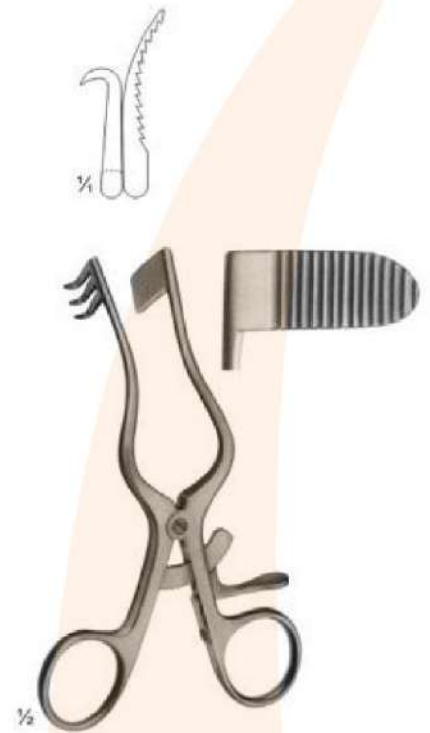
06-227
WULLSTEIN
blunt
130 mm



06-228
WEITLANER
sharp
165 mm



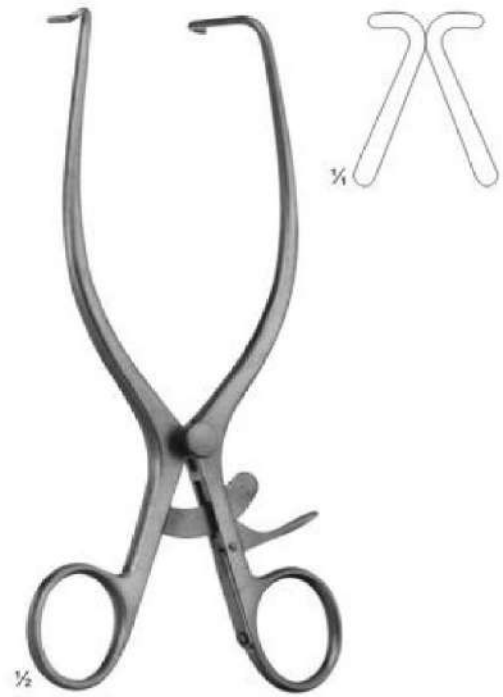
06-229
PLESTER
blunt
110 mm



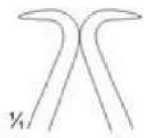
06-230
PERKINS
130 mm



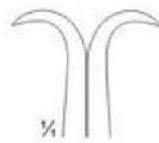
06-231
 JOLL (FRIEDMAN)
 Thyroid- and vaginal retractor
 155 mm



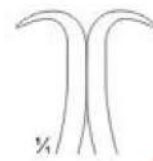
06-232
 JACKSON BURROWS
 Retractor, blunt
 185 mm



06-233
 GELPI
 Vaginal retractor
 135 mm



06-234
 GELPI
 Skin- and vaginal retractor
 175 mm



06-235
 DE BAKEY
 Femur retractor
 145 mm

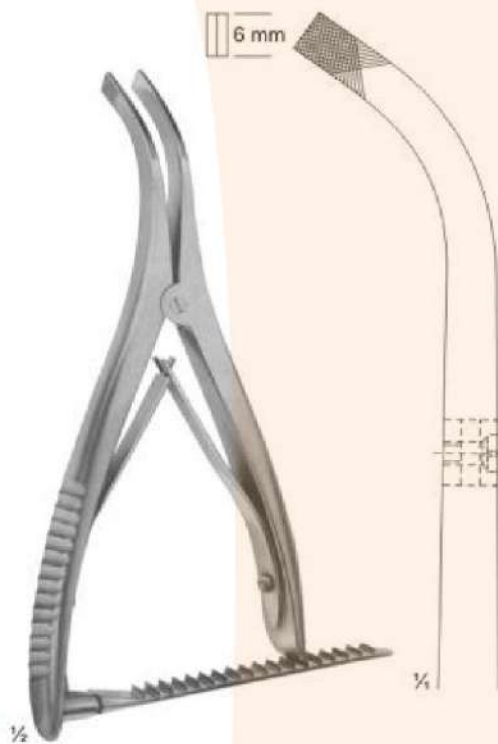
Lamina Spreaders Wirbelkorperspreizer



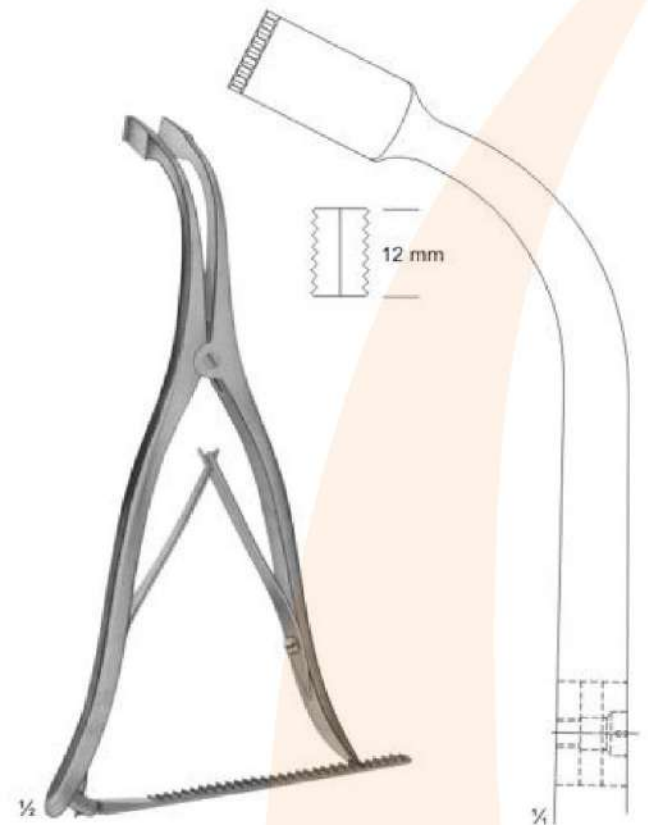
06-236
CLOWARD
155 mm



06-237
CLOWARD
135 mm

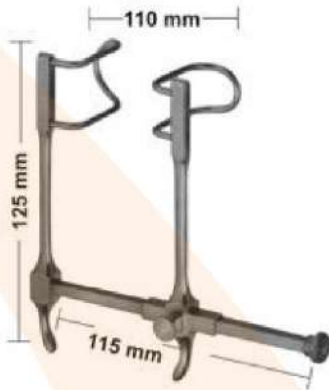


06-238
INGE
170 mm

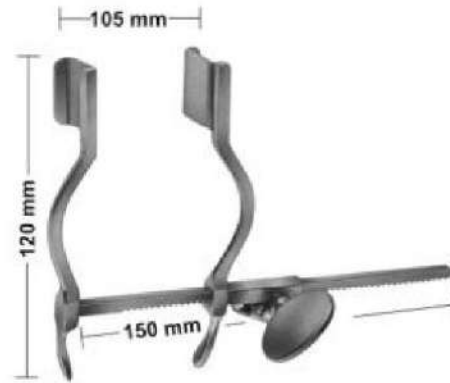


06-239
INGE
275 mm

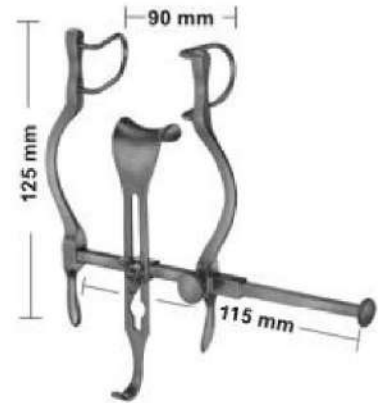
Abdominal Retractors Bauchdeckenhalter



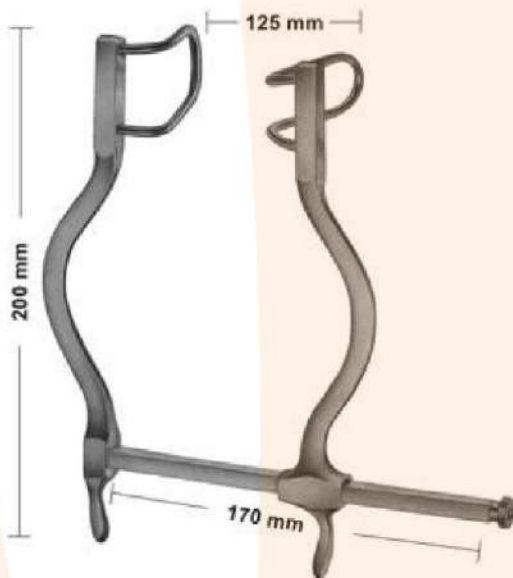
06-240
GOSSET
Blades: 38 mm deep



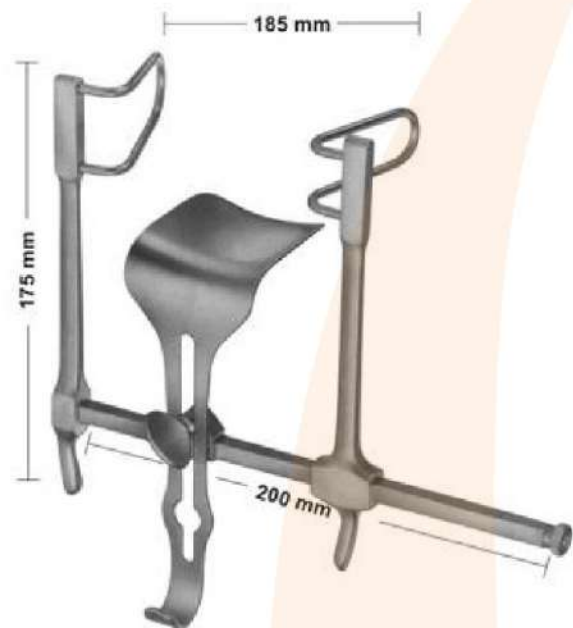
06-241
HERTZLER
Blades 20 X 25 mm



06-242
BALFOUR-BABY
Lateral blades 27 mm deep
Center blade 21x24 mm

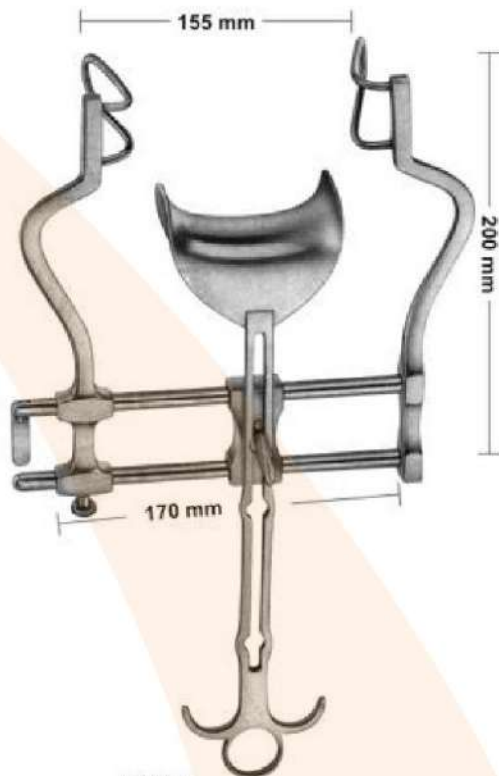


06-243
GOSSET
Blades: 55 mm deep

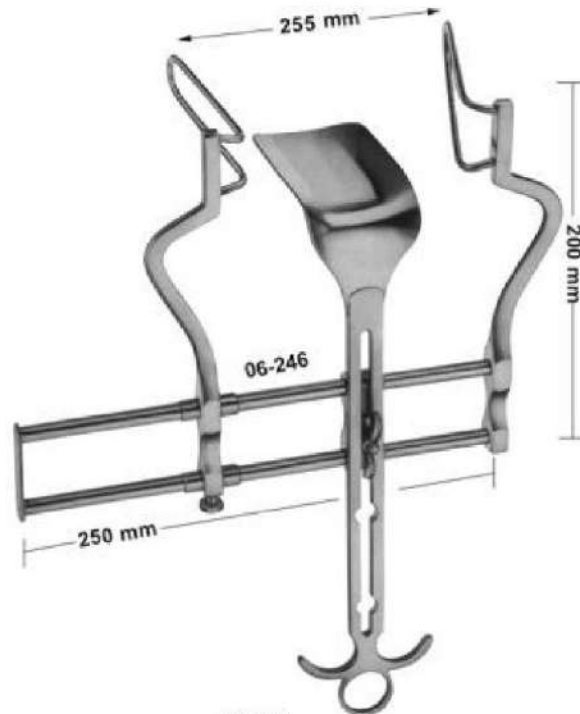


06-244
GOSSET
Lateral blades 58 mm deep
Center blade 59 x 57 mm

Abdominal Retractors Bauchdeckenhalter



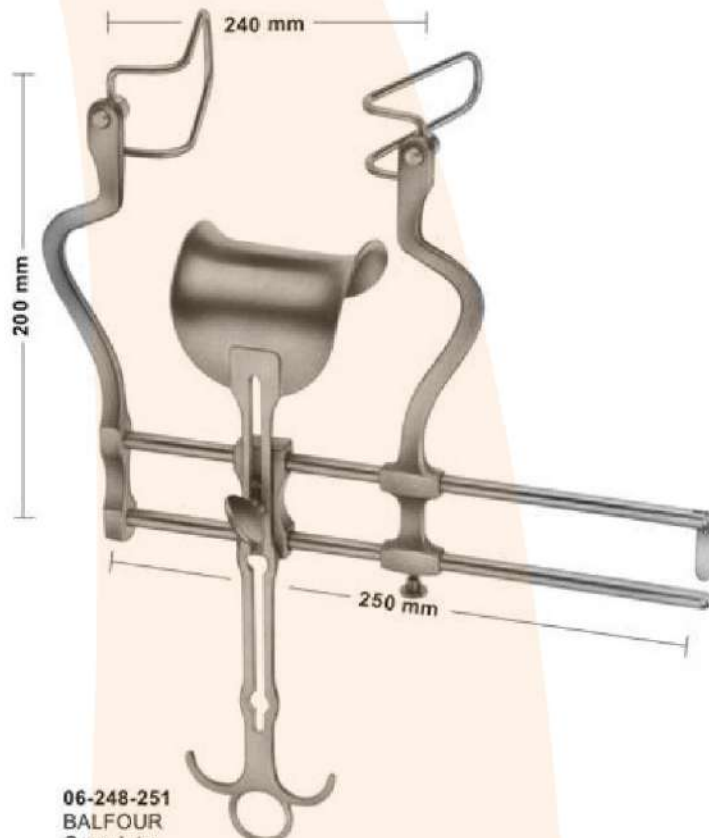
06-245
BALFOUR
Lateral blades 60 mm deep
Center blade 47 x 80 mm



06-246
BALFOUR
Lateral blades 105 mm deep
Center blade 107x 59 mm



06-247
Center blade only
54x80 mm



06-248-251
BALFOUR
Complete
Spreader only 06-248 06-249 06-250 06-251
Lateral blades 50 mm 60 mm 75 mm 90 mm
Center blade 47 x 80 mm 62x76 mm 80x80 mm 80x80 mm

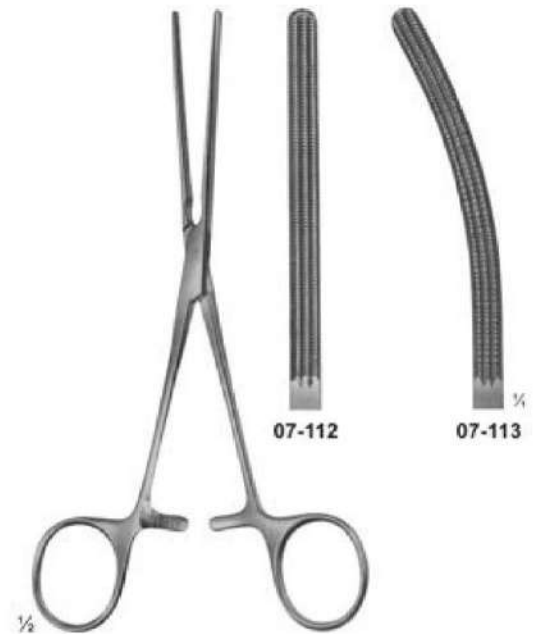


Lateral blades
06-252 50 mm deep
06-253 60 mm deep
06-254 75 mm deep
06-255 90 mm deep
Sales Unit of blades: PR = pair

ATRAUMATA

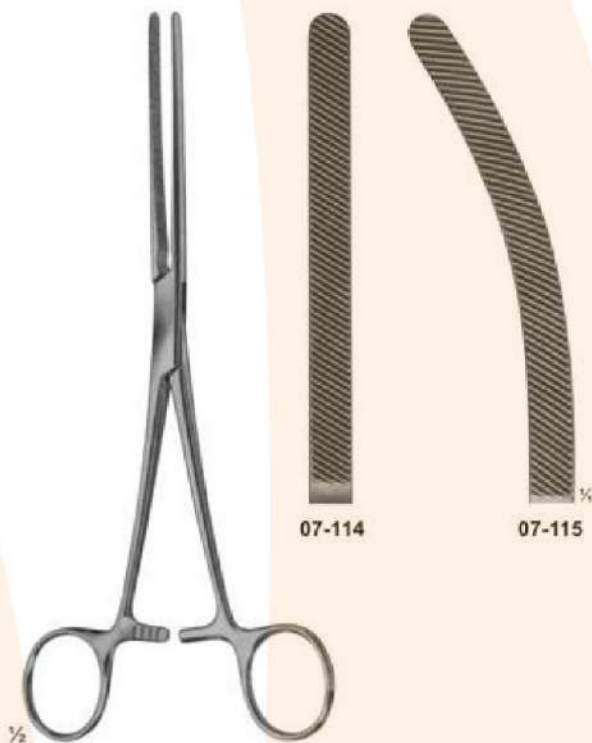


07-110 - 111
DOYEN
elastic
165 mm

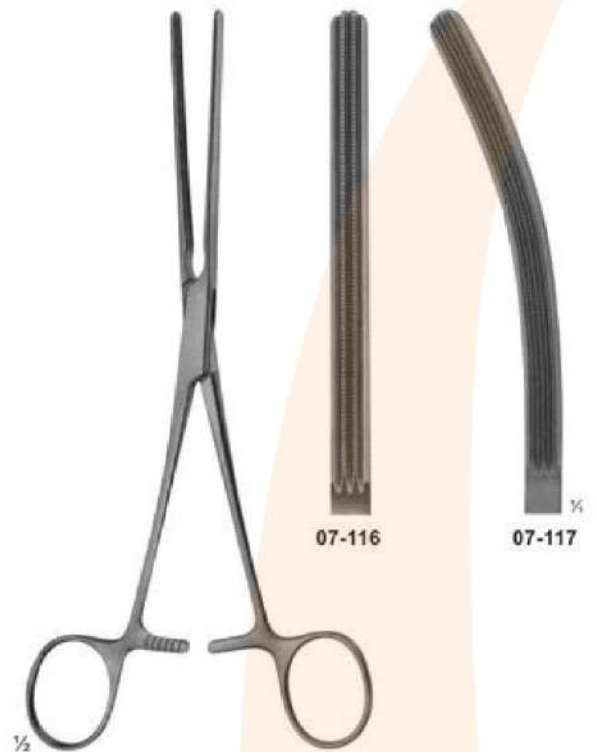


07-112 - 113
DOYEN
with elastic blades
170 mm

ATRAUMATA



07-114 - 115
HARTMANN
with elastic blades
200 mm



07-116 - 117
HARTMANN
with elastic blades
200 mm

Intestinal and Pylorus Clamps Dram- und Magenquetschklemmen



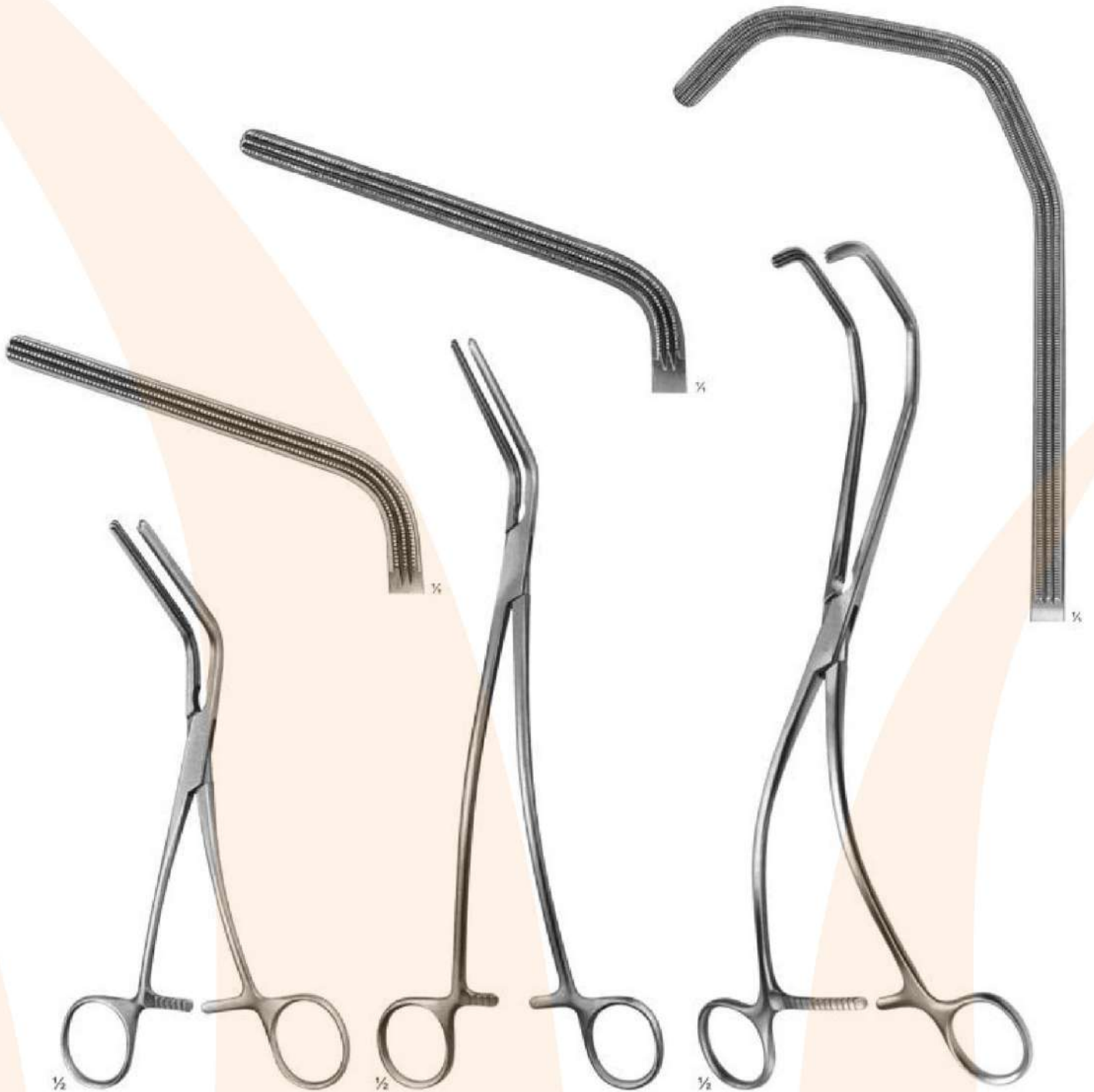
1/2
07-118
PAYR
Intestinal clamp
light pattern,
for children
180 mm

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
Rektum-Anastomosenklemmen

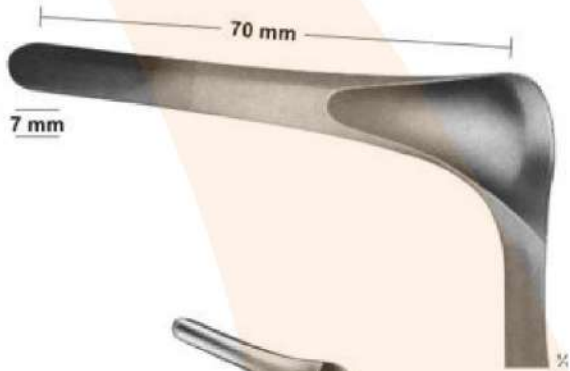


07-222
MORRIS
175 mm

07-223
DE BAKEY
(MORRIS modif.)
240 mm

07-224
KERSTING
270 mm

Rectal Specula Mastdarm-Rektum-Spekula



½
08-101
KILLIAN
for children
145 mm



½
08-102
SIMS
160 mm



½
08-103
SIMS
160 mm

Anuscospes-Sphincteroscopes Anuskope-Sphinkteroskope



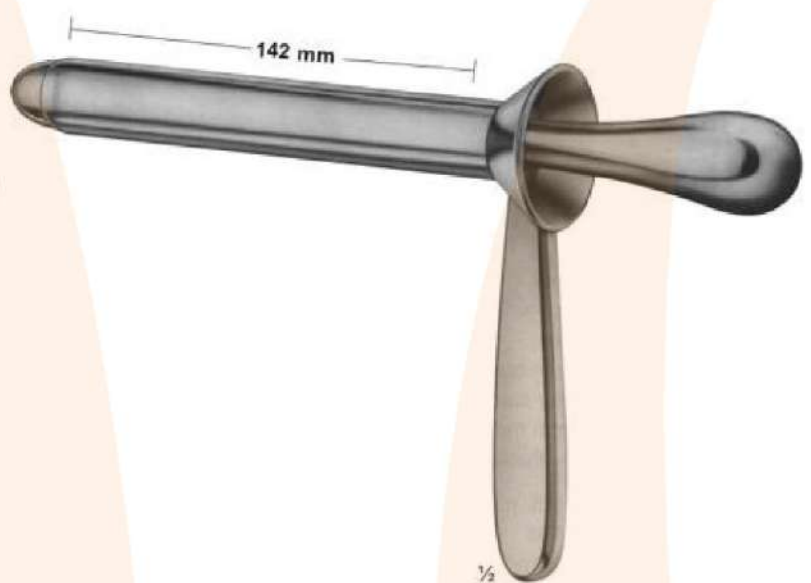
08-104
IVES-FANSLER
Anuscops
145 mm
Ø24mm



08-105
KELLY
Sphincteroscope
160 mm
Ø21mm

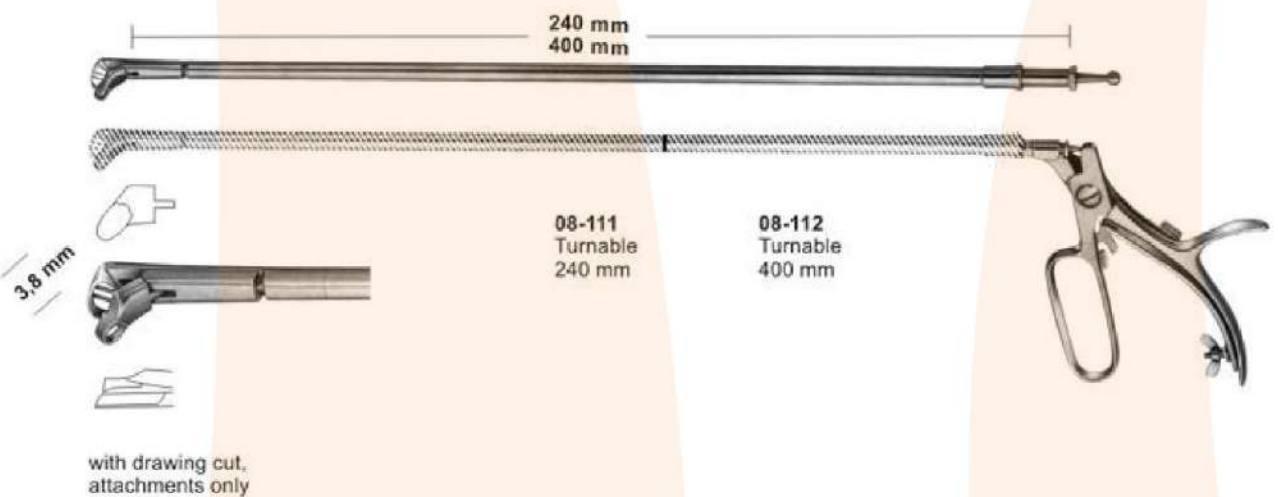
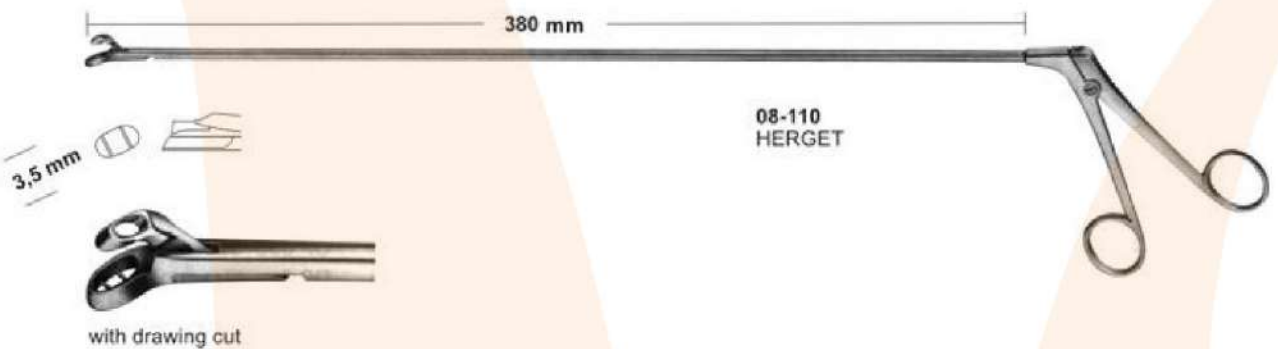
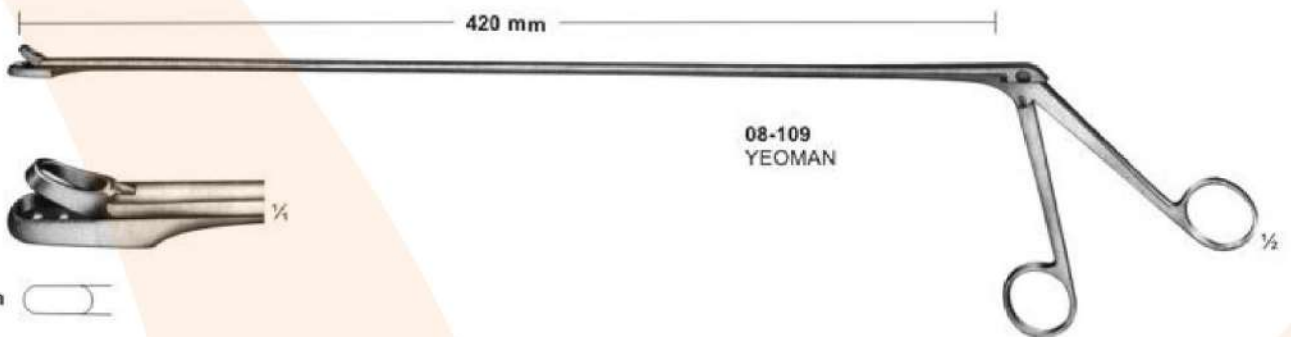
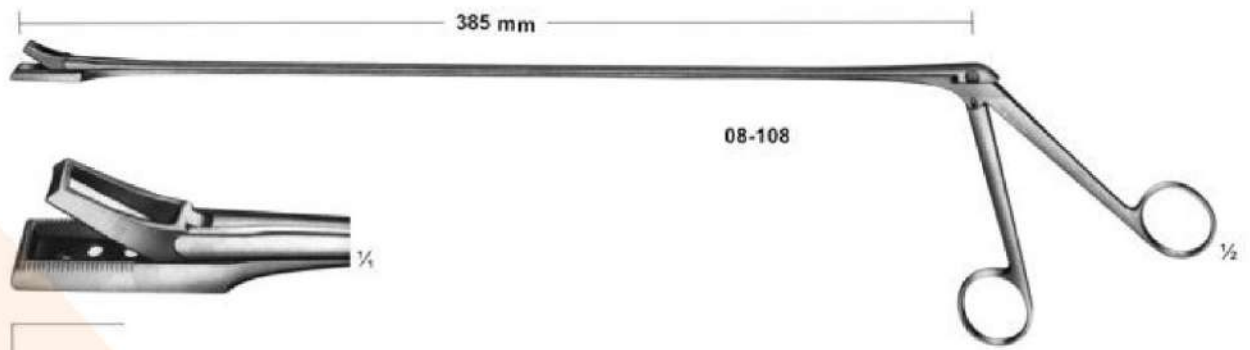


08-106
KELLY
Sphincteroscope
160 mm
Ø27mm

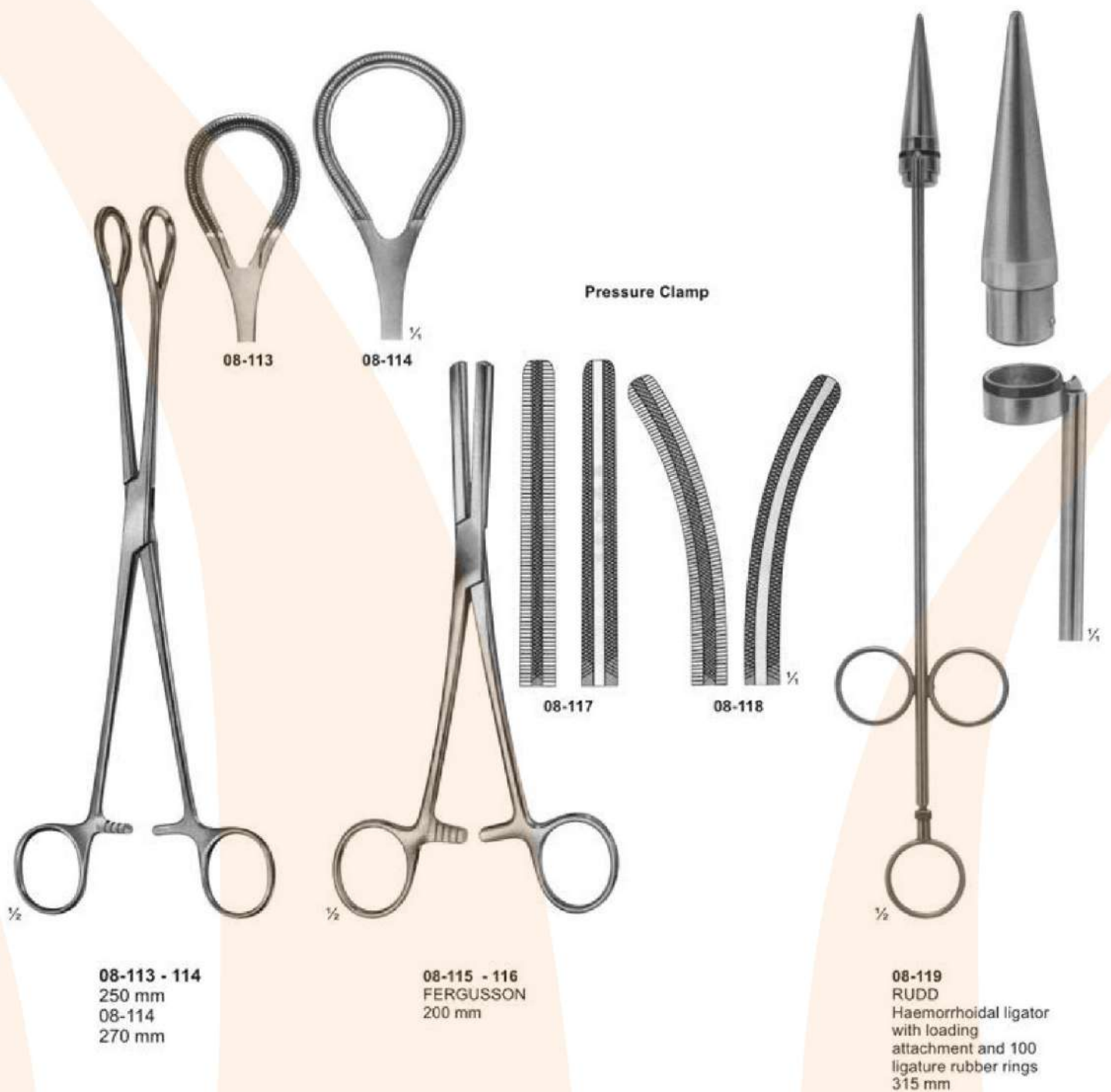


08-107
KELLY
Proctoscope
140 mm
Ø22mm

Biopsy forceps for rectum Biopsiezangen für Rektum



ATRAUMATA



08-113

08-114

Pressure Clamp

08-117

08-118

08-119

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

08-115 - 116
FERGUSSON
200 mm

08-119
RUDD
Haemorrhoidal ligator
with loading
attachment and 100
ligature rubber rings
315 mm

Gall Duct Forceps
Gallenkanal-Klemmzangen



08-120
LOWER
180 mm



08-121
LAHEY (SWEET)
190 mm



08-123
LAHEY
220 mm



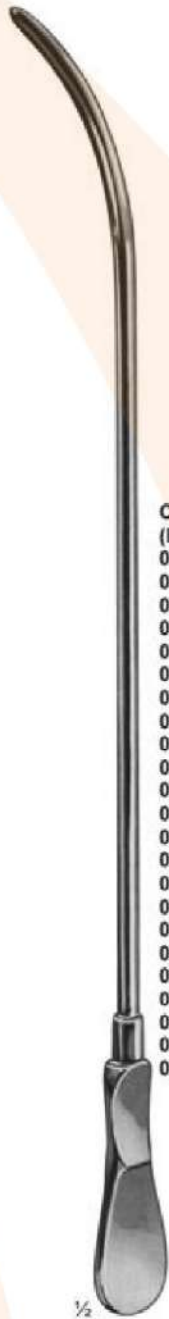
08-124
DESJARDINS
Gall duct-and cystic forceps
210 mm



08-125
NISSEN
Gall duct-and cystic forceps
215 mm

Gall Duct Dilators and Gall Stone Scoops

Gallengangdilatoren und Gallensteinloffel

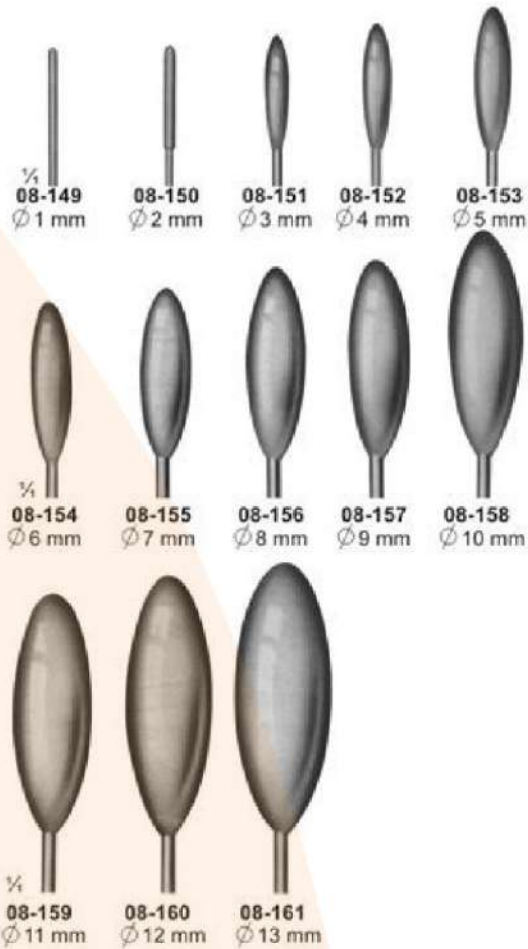


- Charr.
(French)**
 08-126 8
 08-127 9
 08-128 10
 08-129 11
 08-130 12
 08-131 13
 08-132 14
 08-133 15
 08-134 16
 08-135 17
 08-136 18
 08-137 19
 08-138 20
 08-139 21
 08-140 22
 08-141 23
 08-142 24
 08-143 25
 08-144 26
 08-145 27
 08-146 28
 08-147 29
 08-148 30

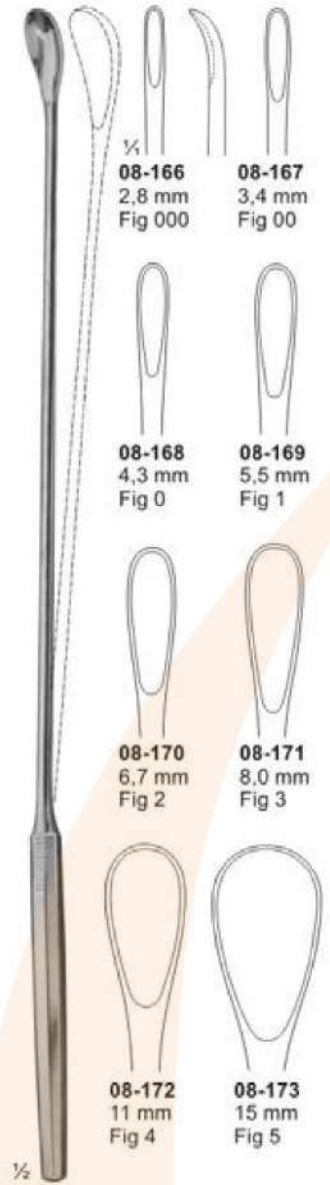
08-126 - 148
DITTEL
 Metall bougies and
 dilating sounds, stiff
 345 mm



08-149 - 161
BAKES
 Common bile duct
 dilators, malleable
 08-149-153 315 mm
 08-154-161 320 mm

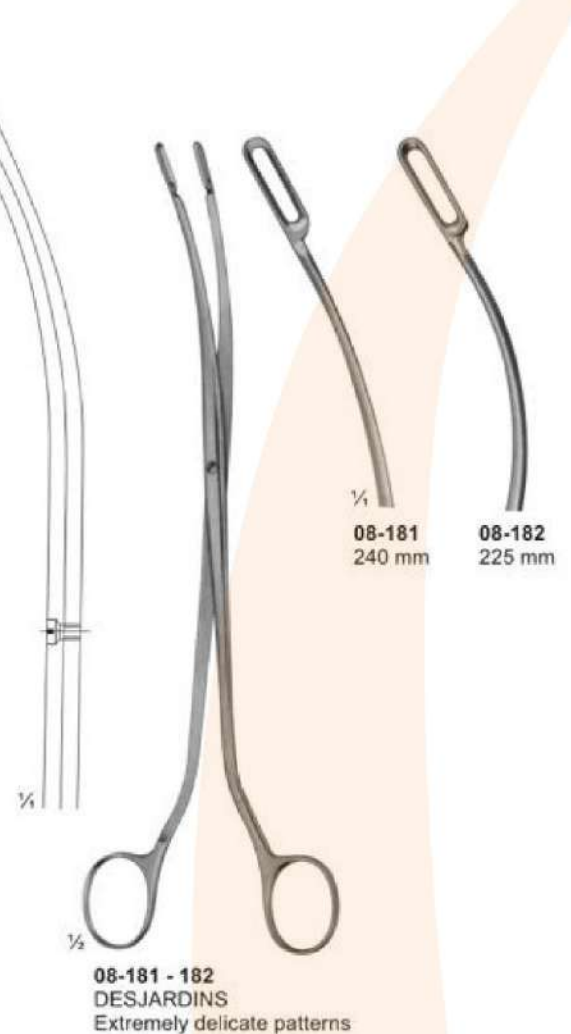
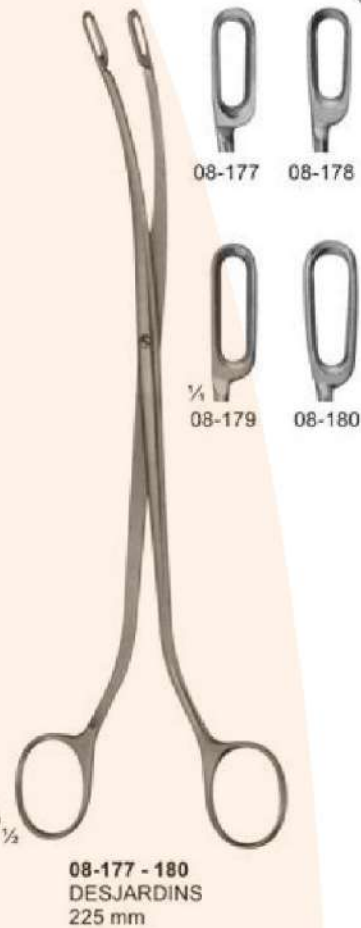
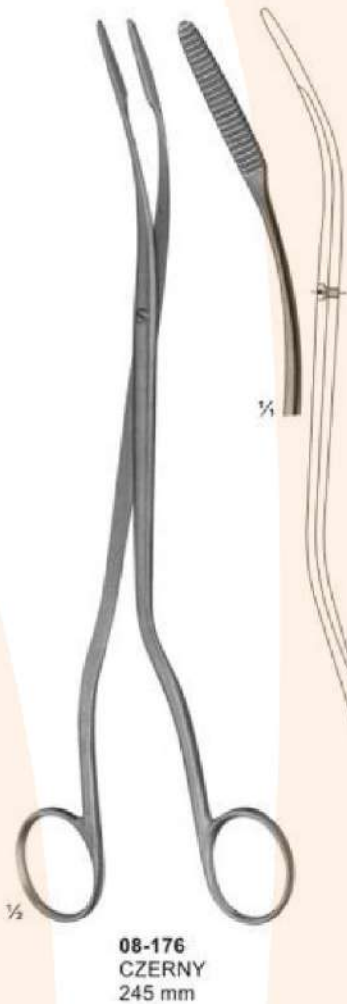
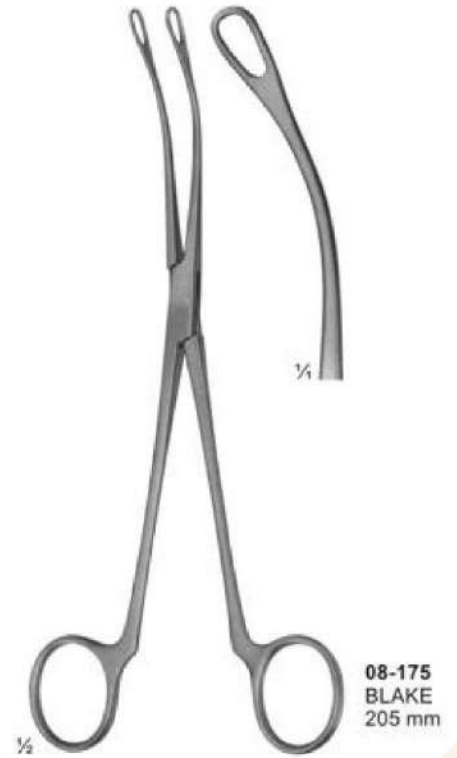


08-162 - 165
DESJARDINS
 Probe and catch
 with flexible shaft
 300 mm



08-166 - 173
LUER-KOERTE modif
 with malleable shaft
 310 mm

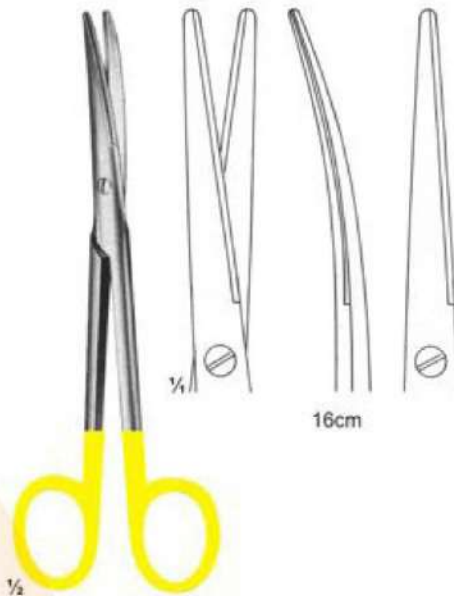
Gall Stone Forceps Gallensteinzangen



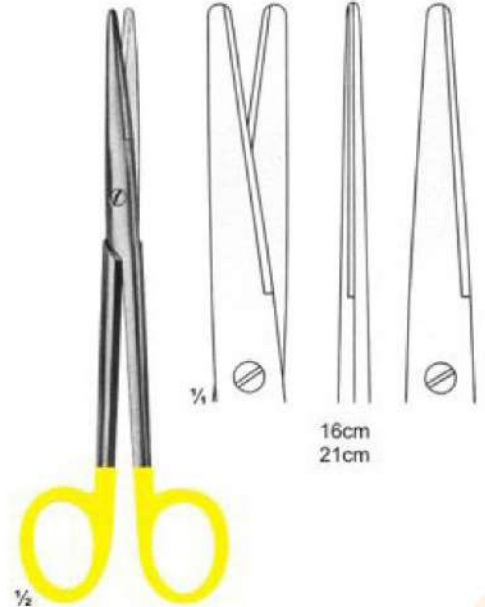
Scissors with Tungsten Carbide Inserts



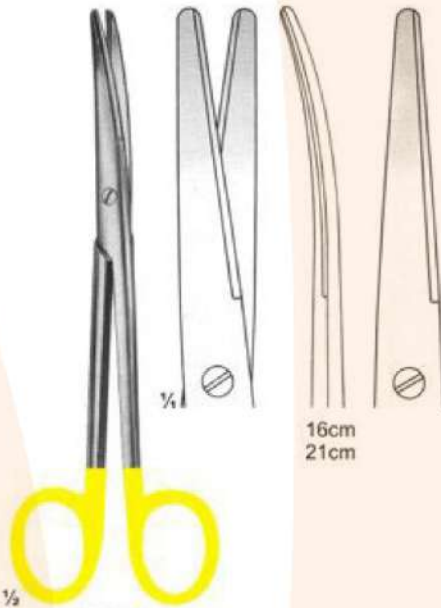
26-107
Mayo-Lexer



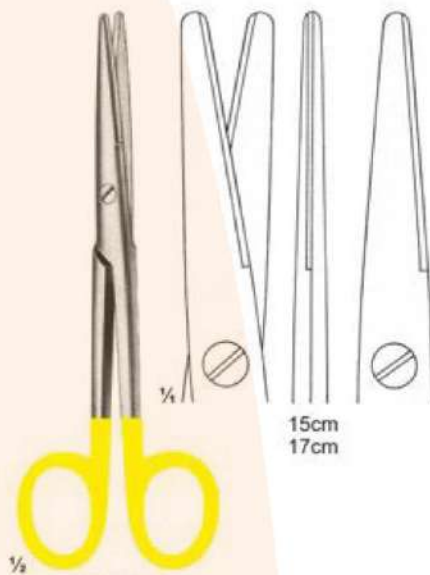
26-108
Mayo-Lexer



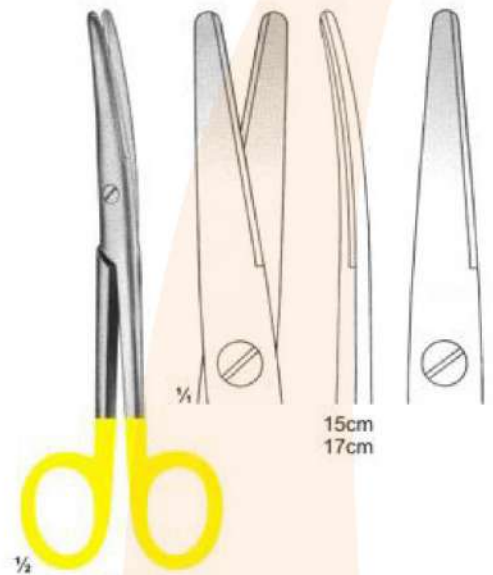
26-109
Lexer



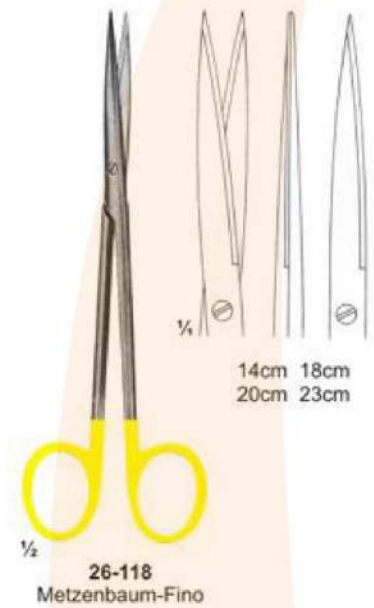
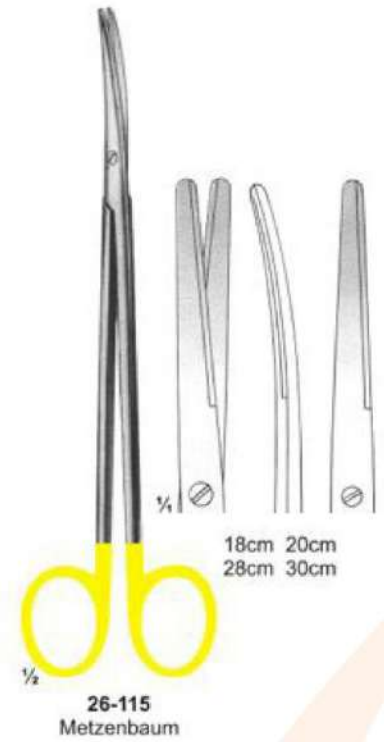
26-110
Lexer



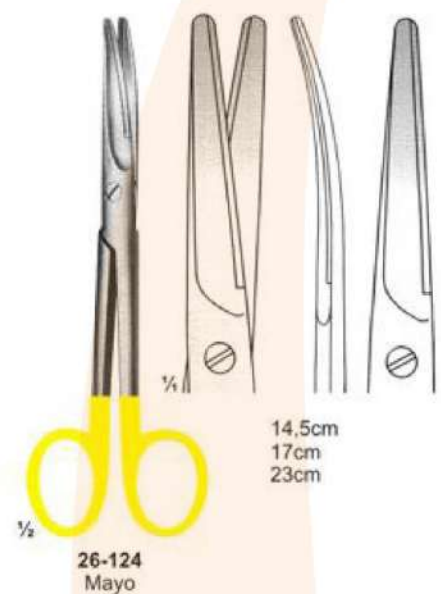
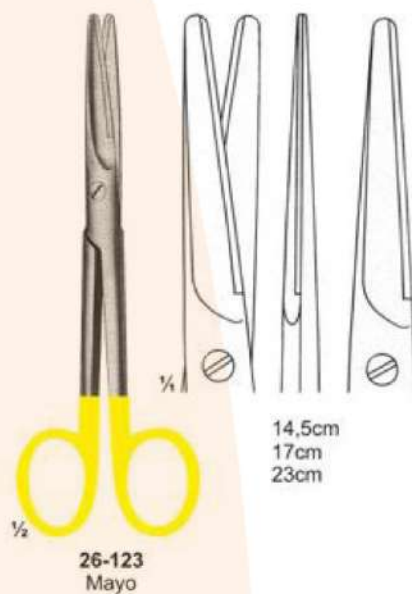
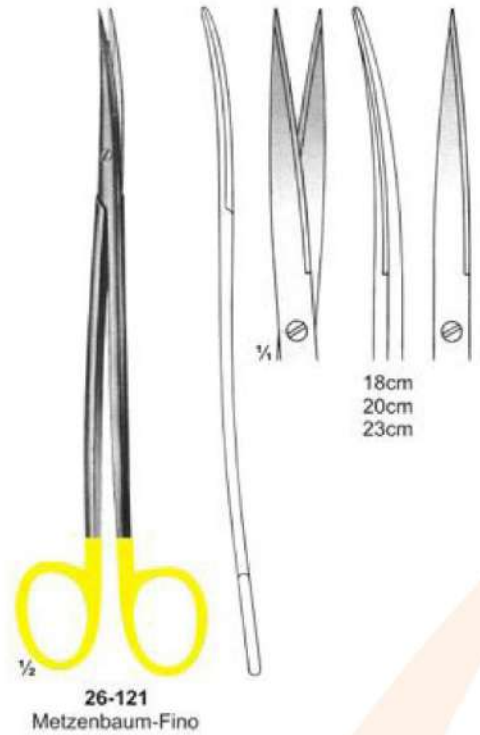
26-111
Mayo-Stille



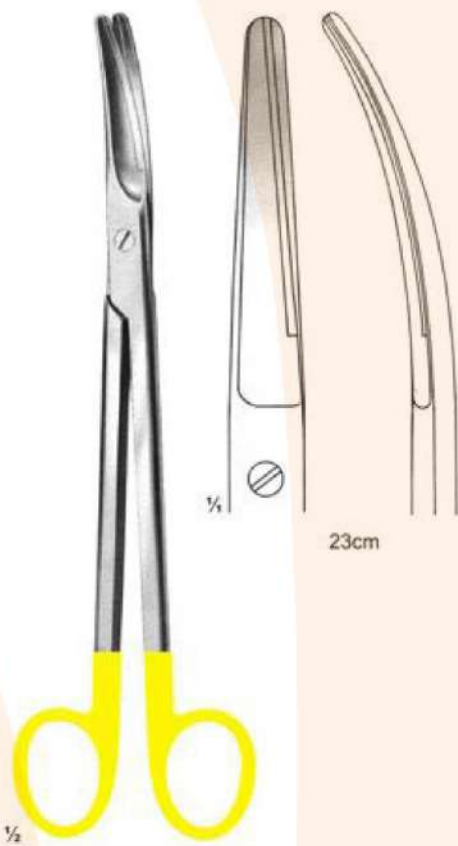
26-112
Mayo-Stille



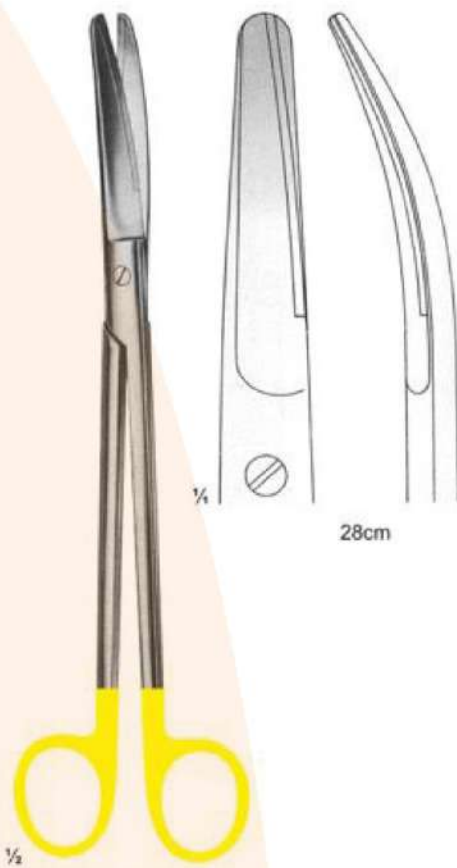
Scissors with Tungsten Carbide Inserts



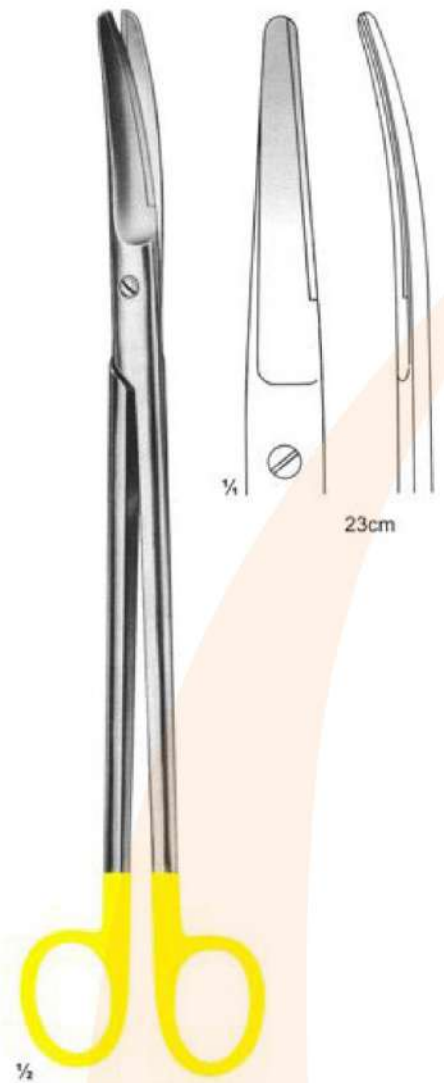
Scissors with Tungsten Carbide Inserts



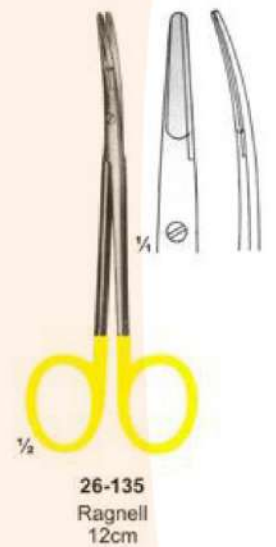
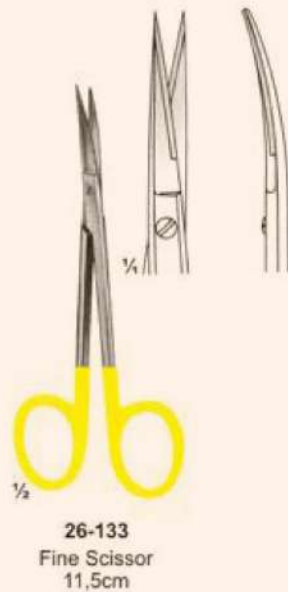
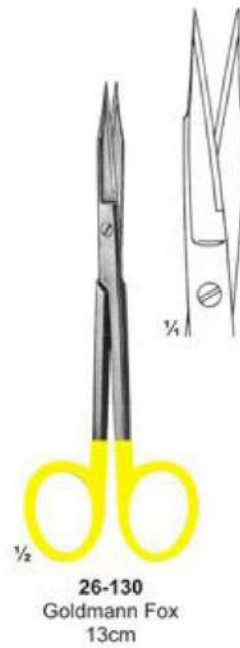
26-125
Parametrium



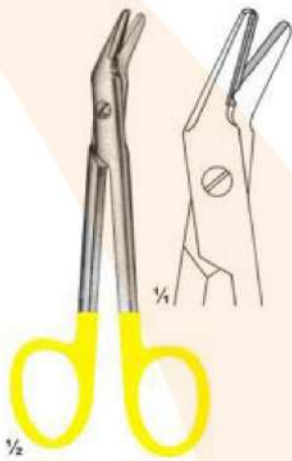
26-126
Mayo-Harrington



26-127
Sims



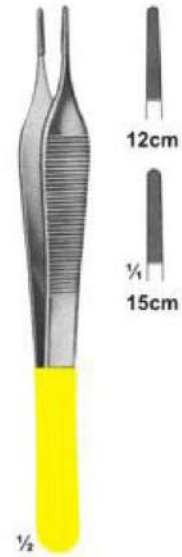
Scissors & Dissecting Forceps with Tungsten Carbide Inserts



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

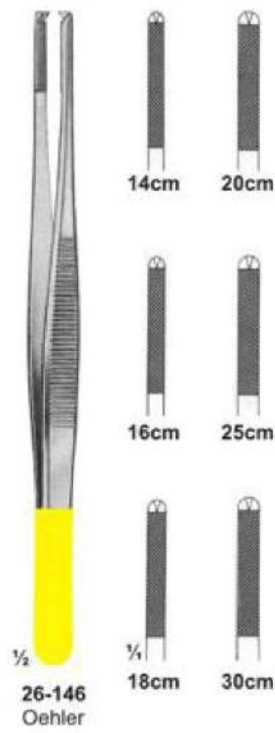
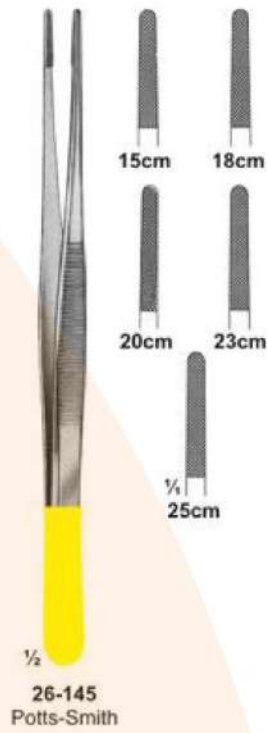


26-142
Dissecting Forceps
15cm



26-143
Semken
15cm

Dissecting Forceps and Needle holders with Tungsten Carbide Inserts

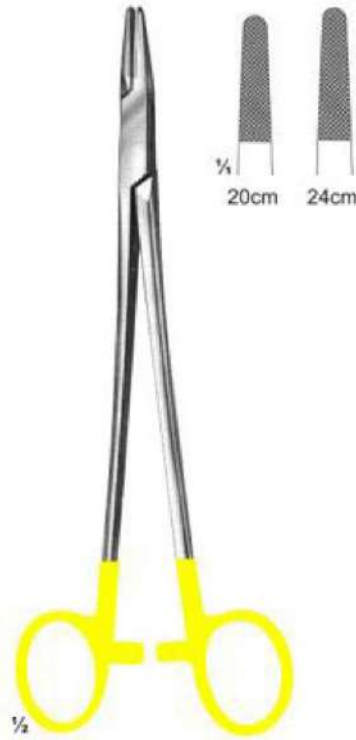




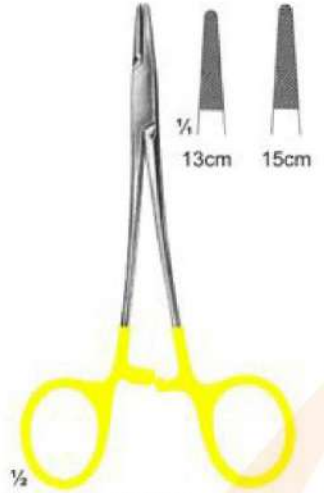
26-152
Arruga
16cm



26-153
Castroviejo
13cm



26-154
Hegar
20cm 24cm



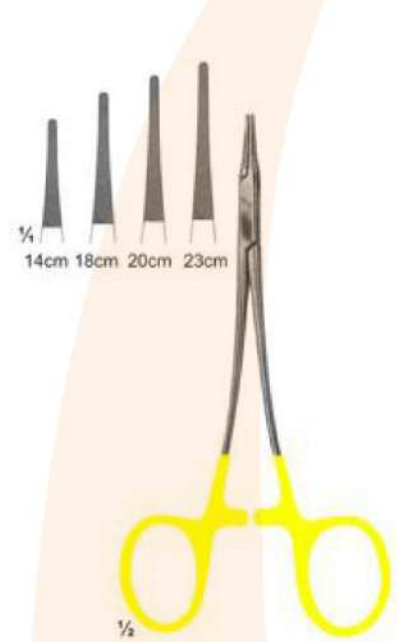
26-155
Halsey
13cm 15cm



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



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

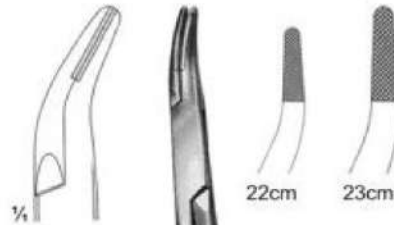


26-158
Hegar-Vascular
14cm 18cm
20cm 23cm

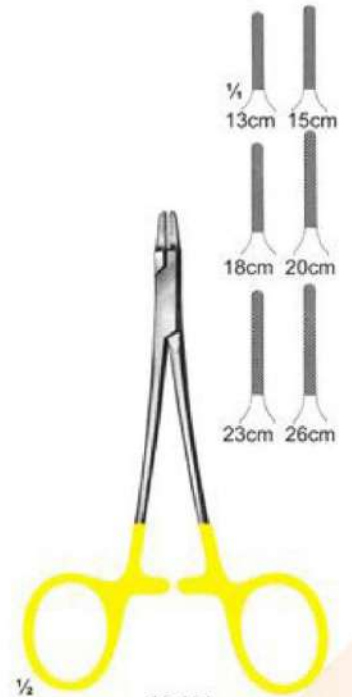
Needle holders with Tungsten Carbide Inserts



1/2
26-159
Bozemann-Wertheim
20cm 24cm 26cm



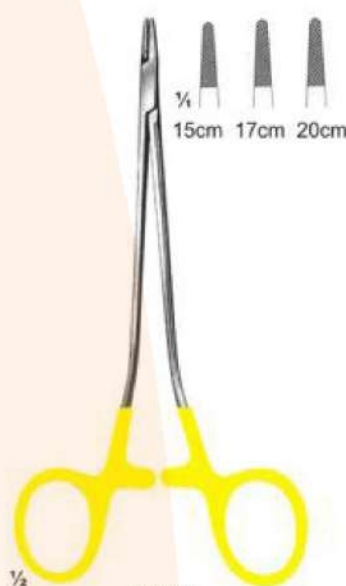
1/2
26-160
Stratte
22cm 23cm



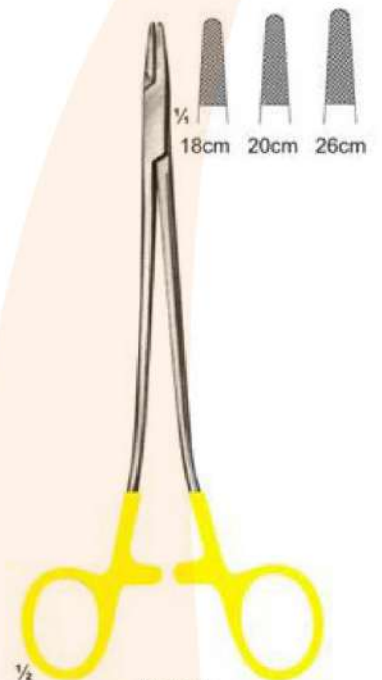
1/2
26-161
Ryder
13cm 15cm 18cm
20cm 23cm 26cm



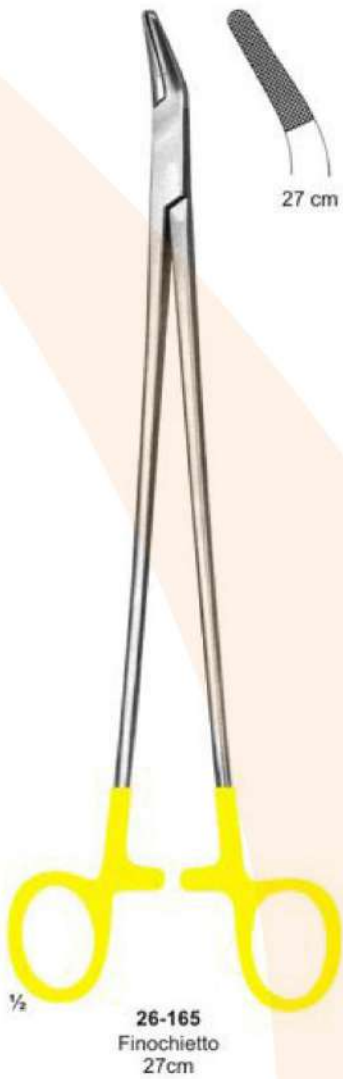
1/2
26-162
Ryder-Vascular
13cm 15cm 18cm
20cm 23cm 26cm



1/2
26-163
Martin
15cm 17cm 20cm



1/2
26-164
Sarot
18cm 20cm 26cm





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



26-173
Lichtenberg
20cm



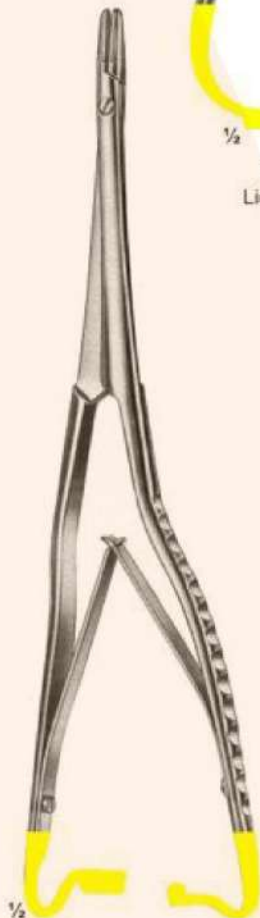
26-174
Langhals
20cm 25cm



26-175
Lichtenberg
20cm 25cm



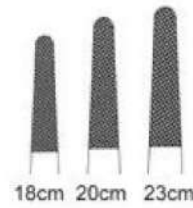
26-176
Luehty-Beck
20cm 25cm



26-177
Luehty-Beck
20cm 25cm



26-178
Langebeck
18cm
20cm 23cm



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

ATRAUMATA



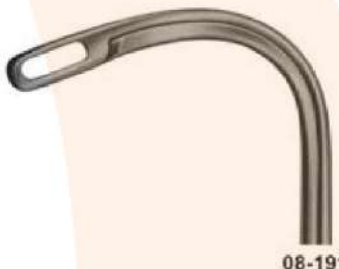
Kidney Stone Forceps Nierensteinzangen



08-189



08-190



08-191



1/4
08-192



08-193



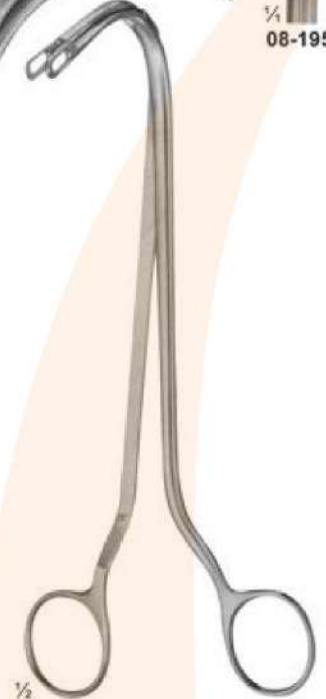
08-194



1/4
08-195

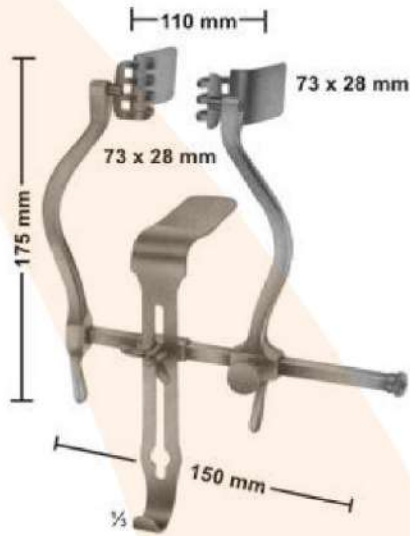


08-189 - 192
RANDALL
225 mm

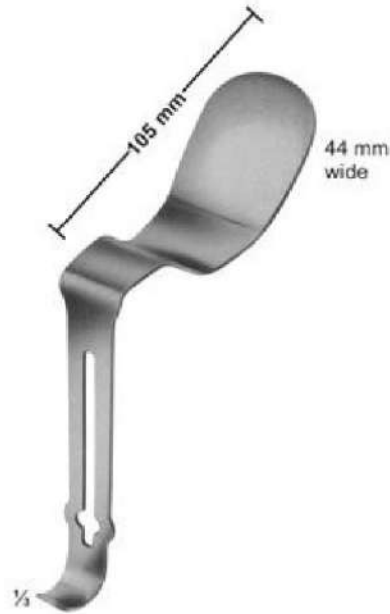


08-193 - 195
RANDALL
190 mm

Bladder Retractors Blasenwundspreizer



09-101
JUDD-MASSON
Bladder-and suprapubic
retractor



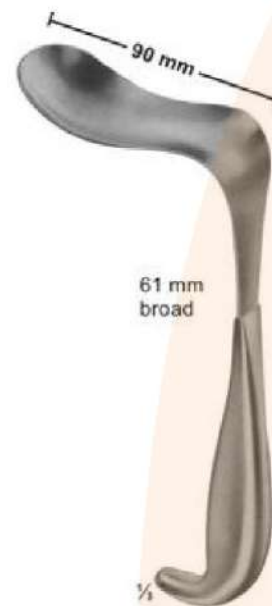
09-102
MILLIN
Center bladder for
retro pubic prostatectomy



09-103
MILLIN
Bladder retractor, complete
105X45 mm




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




09-105
KOCHER
Bladder spatula
235 mm

Trocars Trokare

Luer Lock




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



ϕ 6,0 mm
 ϕ 4,5 mm
 ϕ 3,3 mm
 ϕ 1,9 mm

09-107
Universal trocar
with 4 tips




80 mm

NELSON

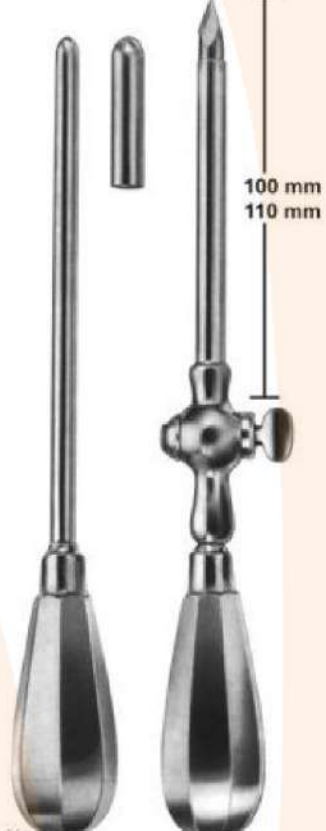
$\frac{1}{2}$

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




80 mm

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




100 mm
110 mm

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




100 mm

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



Record Cone1

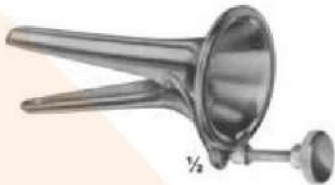
09-123
PIERCE
Antrum trocar
 ϕ 4,0 mm



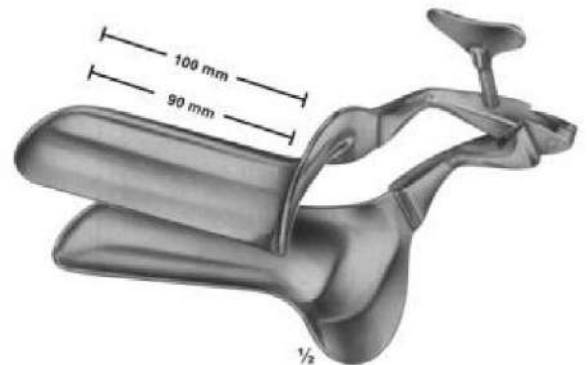
Luer - Lock
Cone

09-124
COAKLEY
Antrum trocar
 ϕ 3,0 mm

Vaginal Specula Scheidenspekula



10-101
COLLIN
for children
53 x 10 mm



10-102 - 105
COLLIN

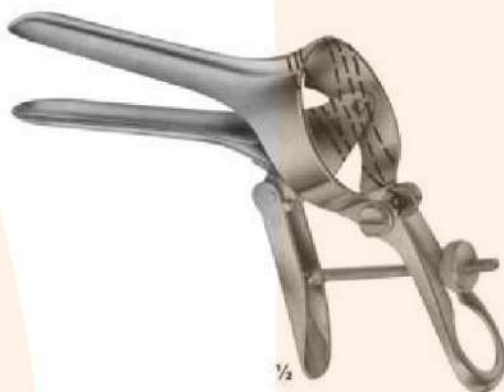
10-102	100/90mm	28 mm
10-103	100/90mm	32 mm
10-104	105/95mm	35 mm
10-105	115/105mm	40 mm
Total length/working length		width



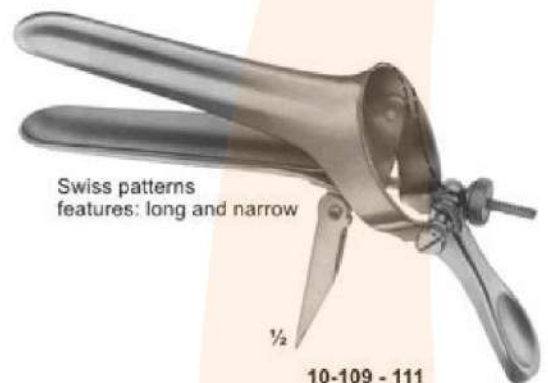
10-106
COLLIN
for virgins
95/85 x 18 mm



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
Scheidenspekula-Satze, obere und untere Blätter**



**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



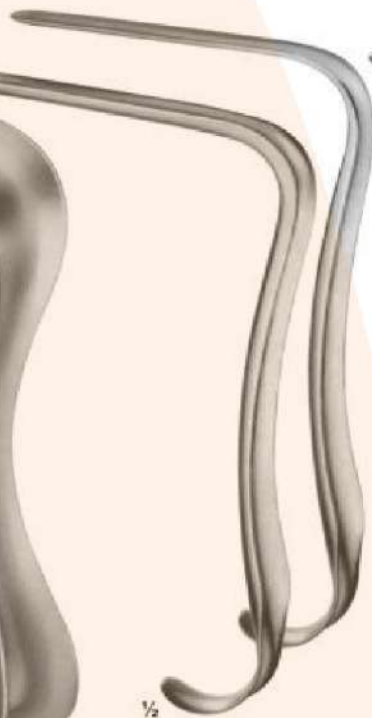
**10-117 - 118
BRIESKY**
10-117 72X25 mm / 77X30 mm 140 mm
10-118 75X30 mm / 92X38 mm 170 mm

½



½

**10-119 - 120
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



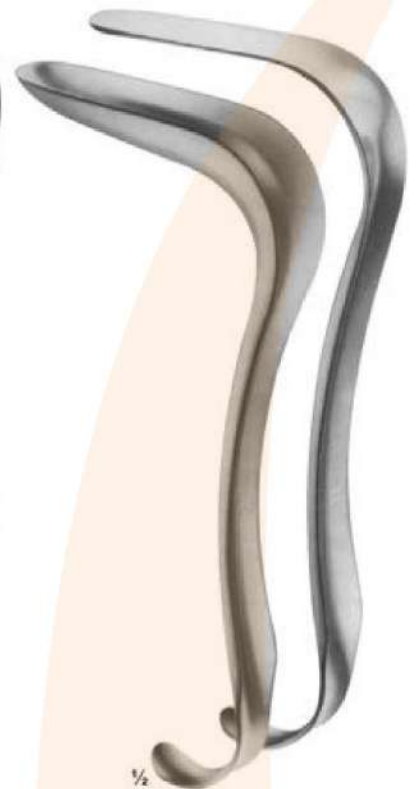
½

**10-121 - 123
SEIDL**
10-121 80X8 mm
10-122 80X10 mm
10-123 90X14 mm
For children and infants
170 mm



½

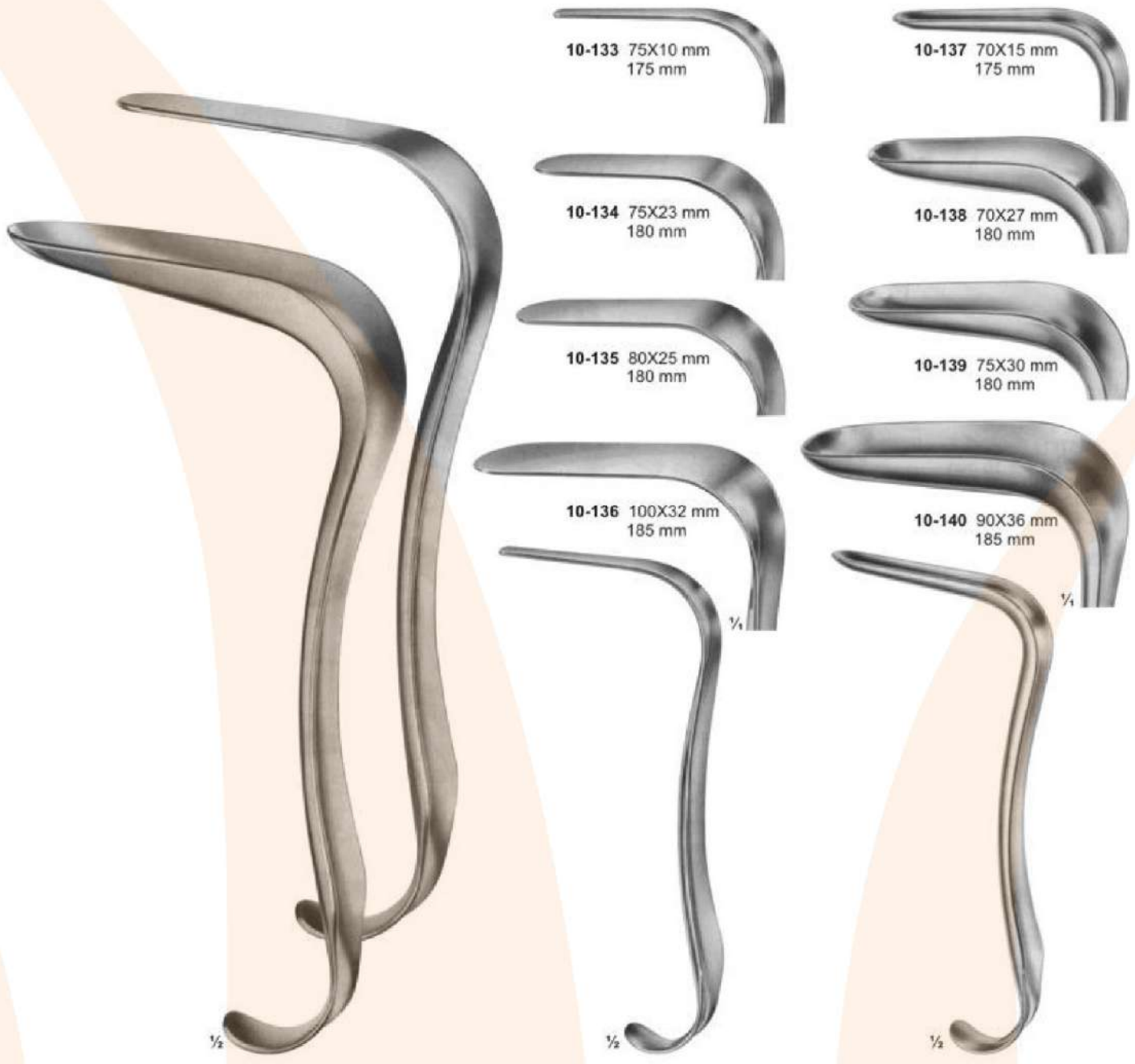
**10-124
KRISTELLER**
70X15 mm, (170 mm)
For children



½

**10-125 - 127
KRISTELLER**
10-125 70X27 mm
10-126 75X30 mm
10-127 90X36 mm
175 mm

Vaginal Specula- upper and lower blades
Scheidenspekula-obere und untere Blätter



10-133 75X10 mm
175 mm

10-137 70X15 mm
175 mm

10-134 75X23 mm
180 mm

10-138 70X27 mm
180 mm

10-135 80X25 mm
180 mm

10-139 75X30 mm
180 mm

10-136 100X32 mm
185 mm

10-140 90X36 mm
185 mm

10-128 - 132
KRISTELLER
10-128 110X18 mm
10-129 110X20 mm
10-130 110X27 mm
10-131 110X30 mm
10-132 110X36 mm
220 mm

10-133 - 136
KRISTELLER
Upper blades

10-137 - 140
KRISTELLER
Lower blades

Vaginal Specula Scheidenspekula



10-141
60 X 45 mm

10-142
90 X 45 mm

10-143
112 X 45 mm

10-141 - 143
DOYEN
235 mm

length of blades
60 mm
90 mm
120 mm
160 mm

width of blades
35 mm 45 mm 60 mm

width of blades
35 mm 45 mm 60 mm
10-144 **10-147** **10-151**
10-145 **10-148** **10-152**
10-146 **10-149** **10-153**
 10-150 **10-154**

10-144 - 154
DOYEN
240 mm

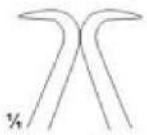
Vaginal Retractors Vulva-Spreizer



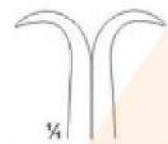
1/2
10-155
JOLL (FRIEDMAN)
155 mm



1/2
10-156
RICHTER
170 mm



1/2
10-157
GELPI
135 mm



1/2
10-158
GELPI
175 mm

Uterine Dilators Uterus-Dilatatoren



1/2

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

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



1/2

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

11-144 - 152
HEGAR
205 mm



1/2

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

Uterine Probes Uterussonden

5 mm



11-154
MAYO
malleable
330 mm

4 mm



11-155
SIMS
malleable
330 mm

3 mm



11-156
MARTIN
330 mm

4 mm



11-157
SIMPSON
malleable
silver-plated
290 mm



11-158
BRAUN
Uterine
depressor
270 mm

24 mm



11-159
Cotton
applicator
270 mm

Uterine Dressing Forceps Tamponzangen



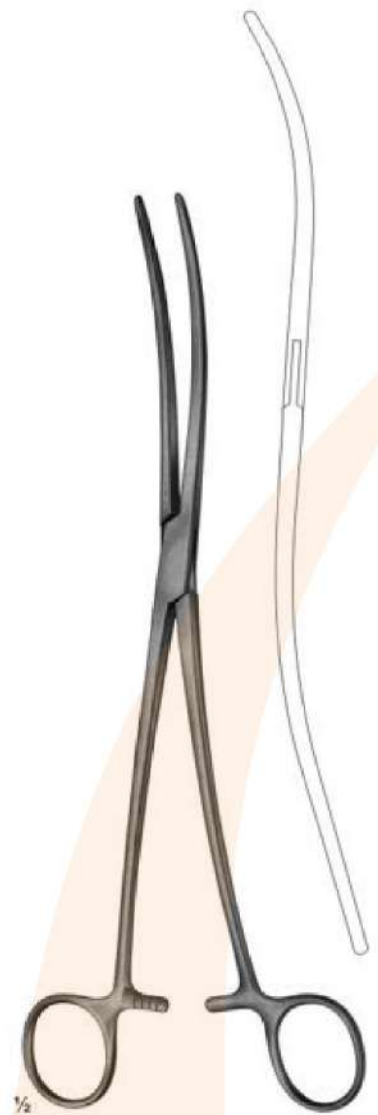
11-160
PELKMANN
260 mm



11-161
PELKMANN
260 mm



11-162
BOZEMANN
250 mm

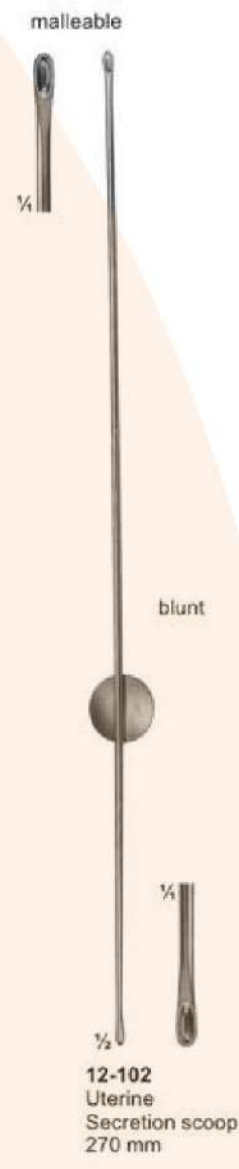
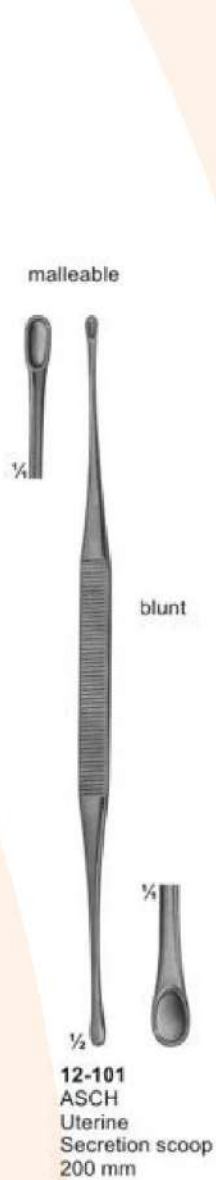


11-163
BOZEMANN
255 mm

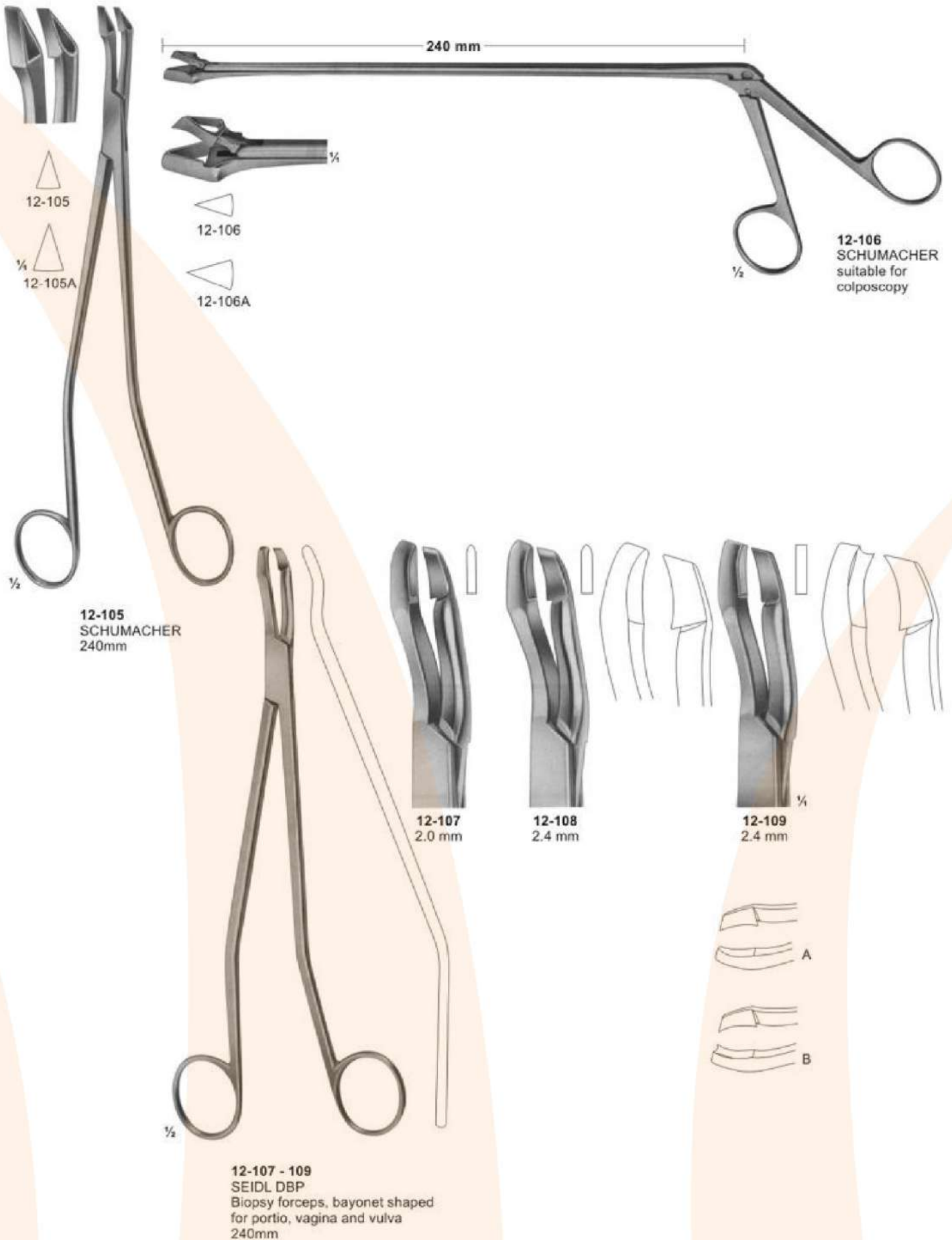
Jaws with longitudinal groove

Polypus-and Ovum Forceps Polypen- und Ovarienzangen

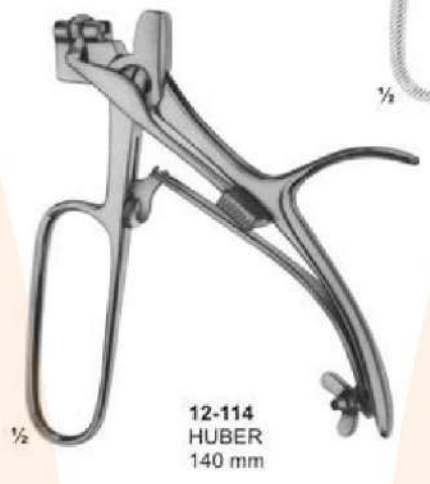
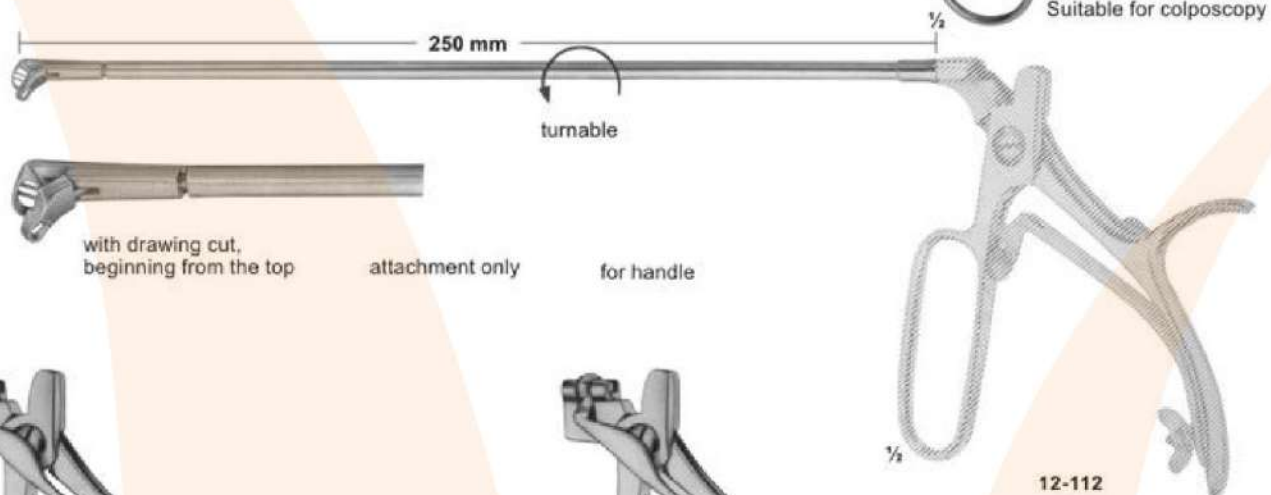
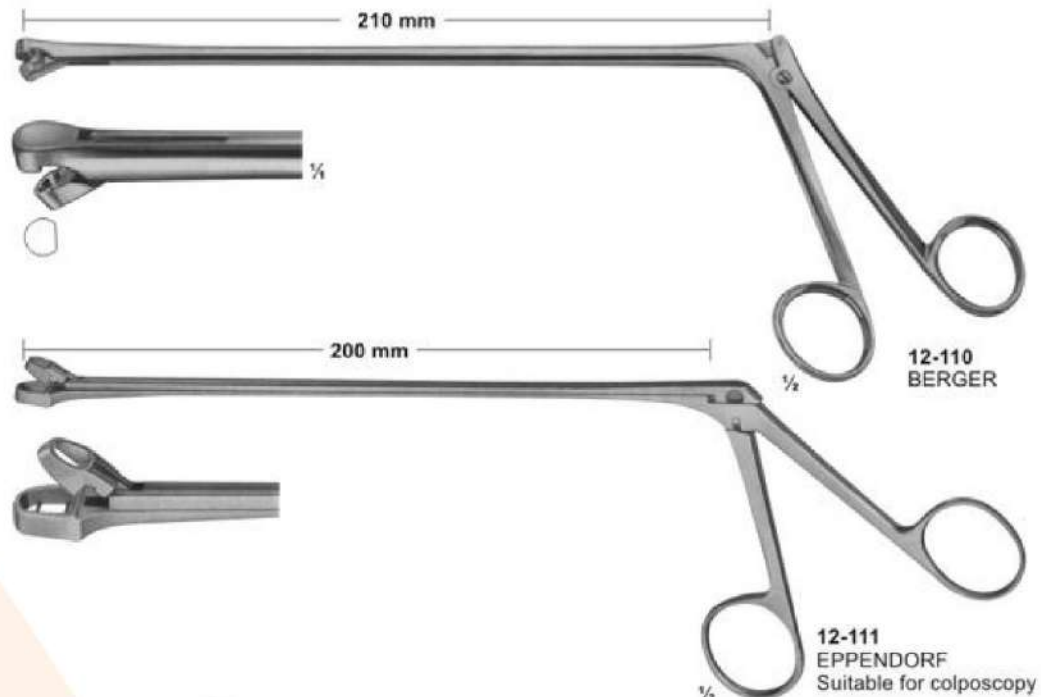




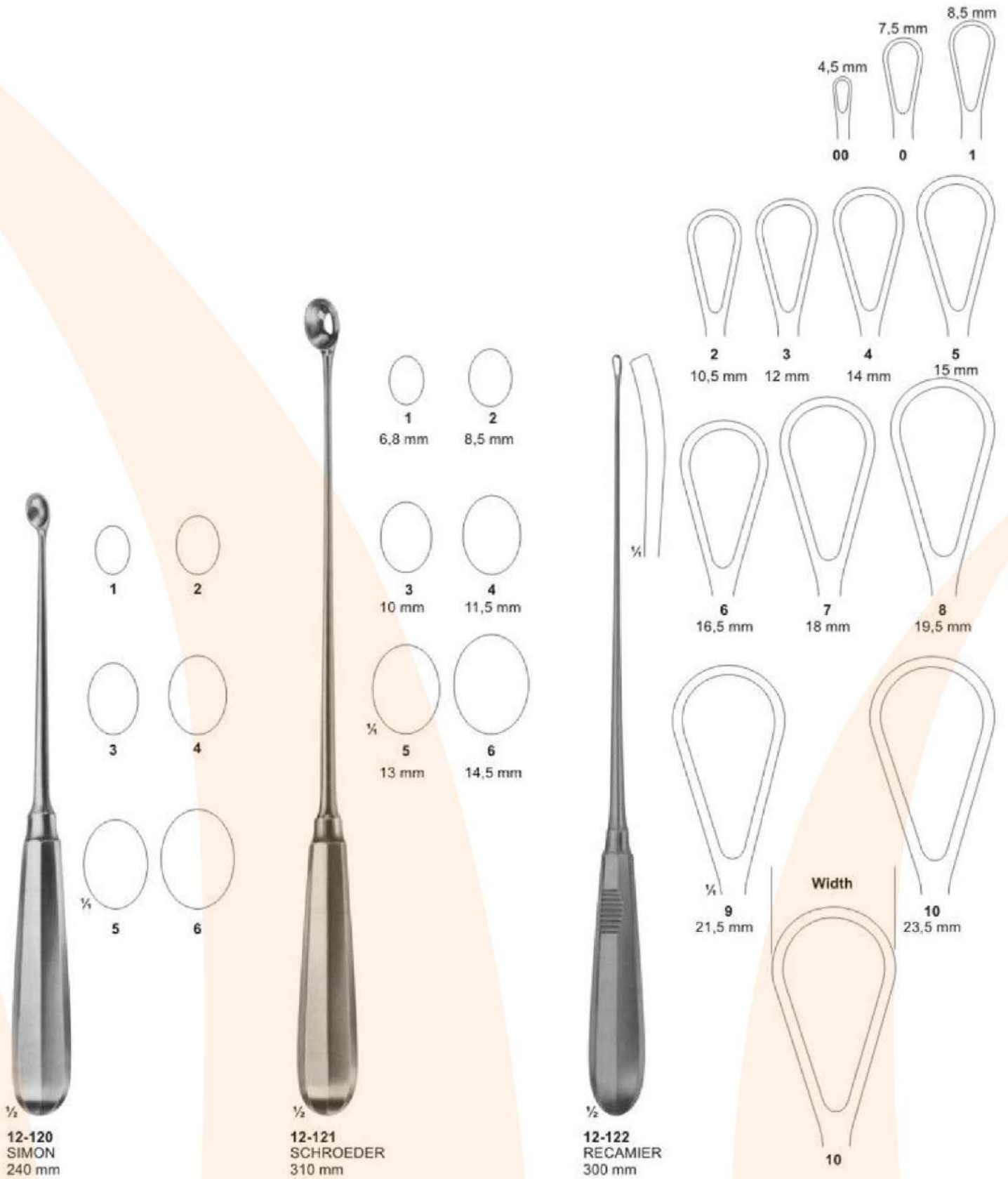
Biopsy Forceps Biopsiezangen



Biopsy Forceps Biopsiezangen



Uterine Scoops Uterusloffel





13-101
NAEGELE
355 mm

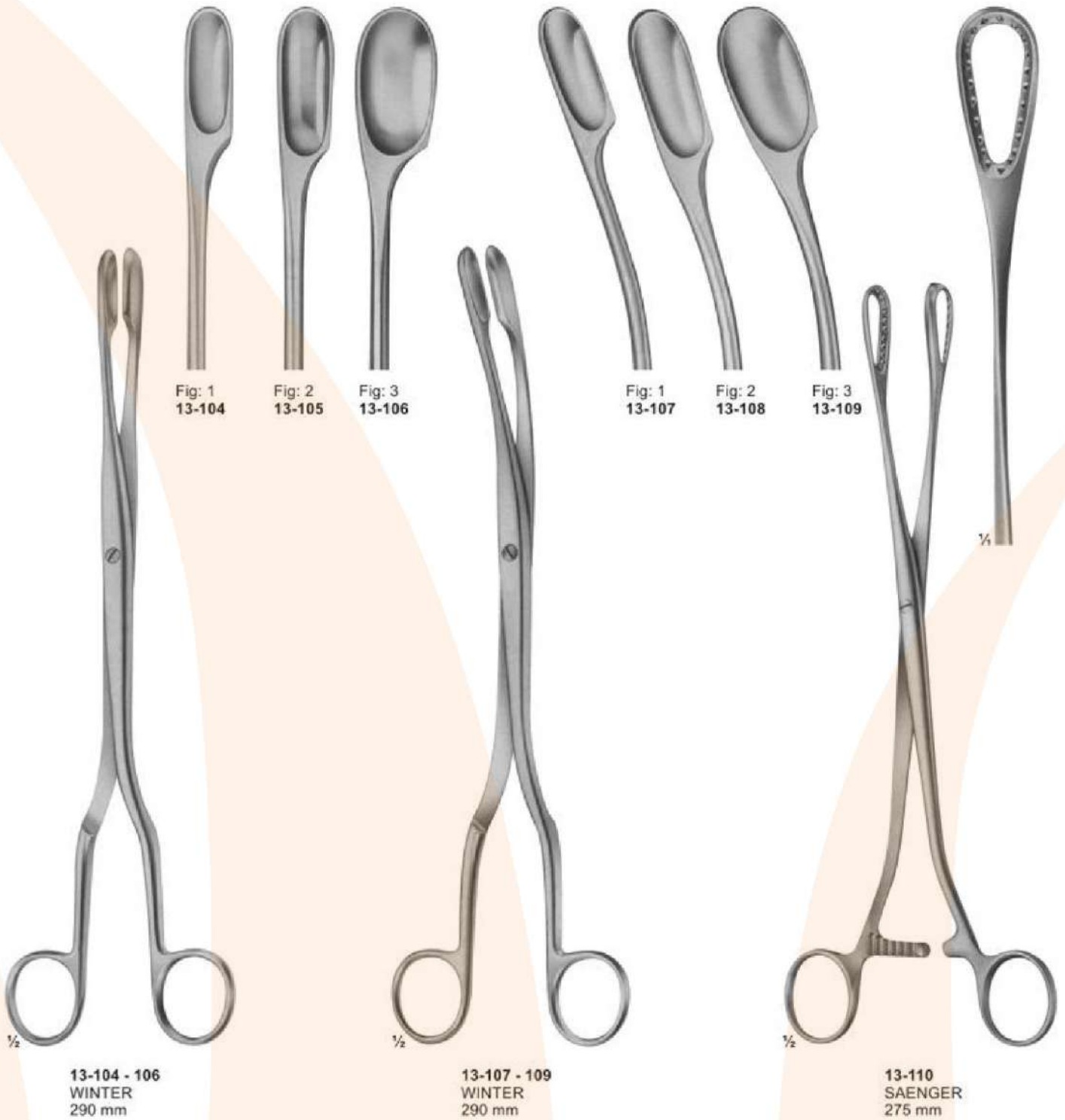


13-102
NAEGELE
400 mm



13-103
SIMPSON-BRAUN
305mm

Obstetrics- Placenta and Ovum Forceps
Geburtshilfe- Plazententar- und Abortuszangen



Tound-and Tracheal Hooks and Dilators

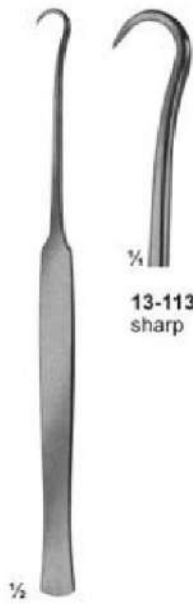
Tund-, Trachealhakchen, dilatatoren



13-111
BOSE
165 mm



13-112
BOSE
165 mm



13-113 - 115
180 mm

13-113
sharp



13-114
blunt



13-115
stumpf/blunt



13-116
FINSEN
50 mm



13-117
FINSEN
70 mm



13-118
TROUSSEAU
120 mm



13-119
LABORDE
125 mm

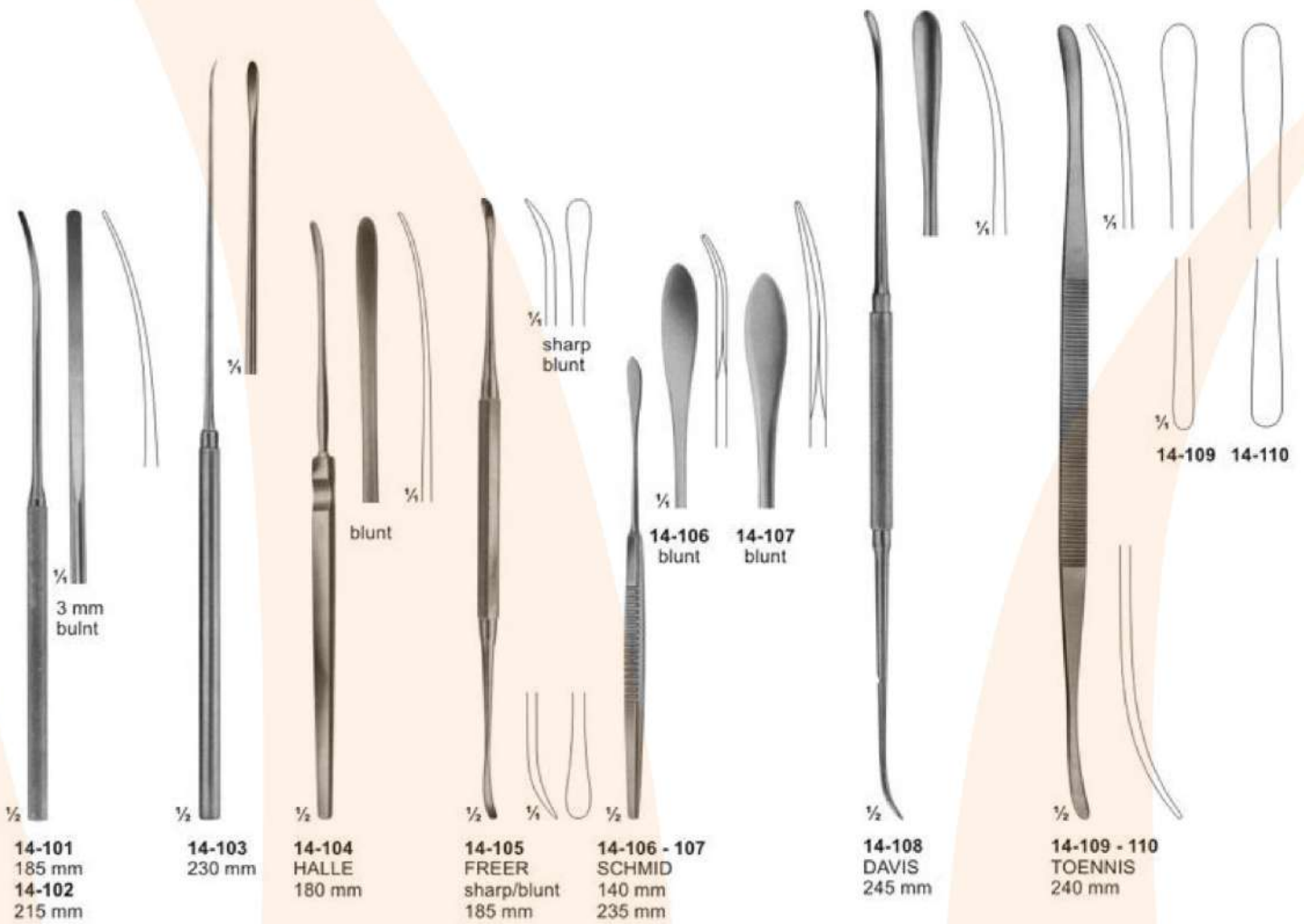


13-120
LABORDE
strong pattern
135 mm



13-121
Cleaning Brush
for tracheal tubes
285 mm

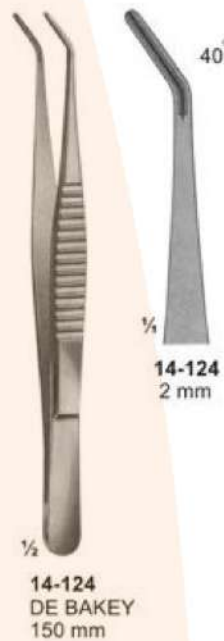
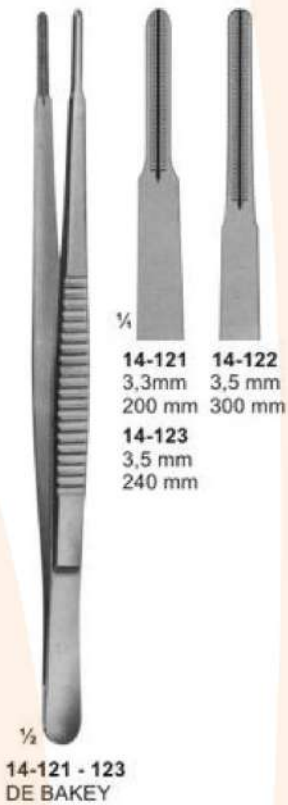
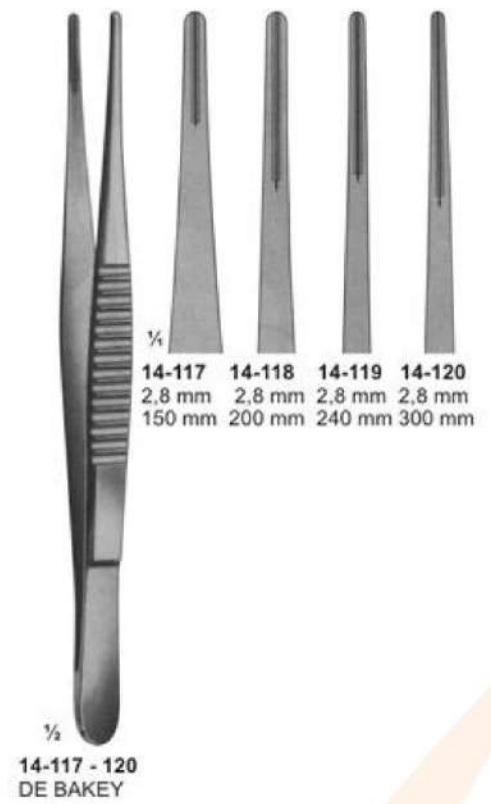
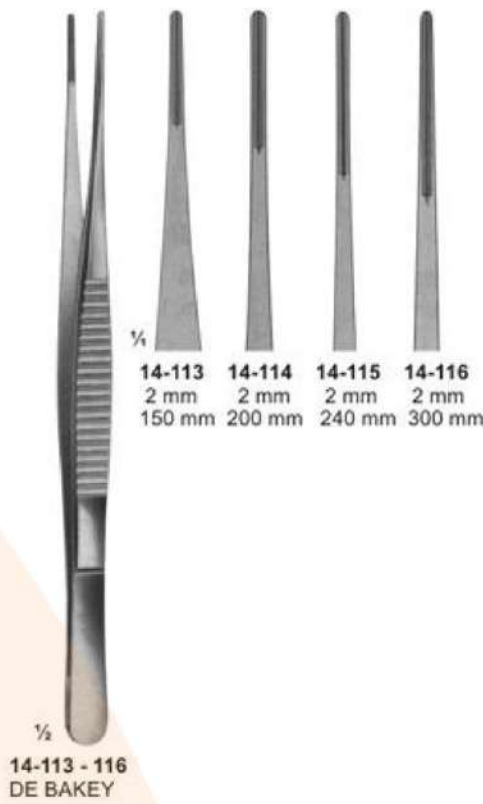
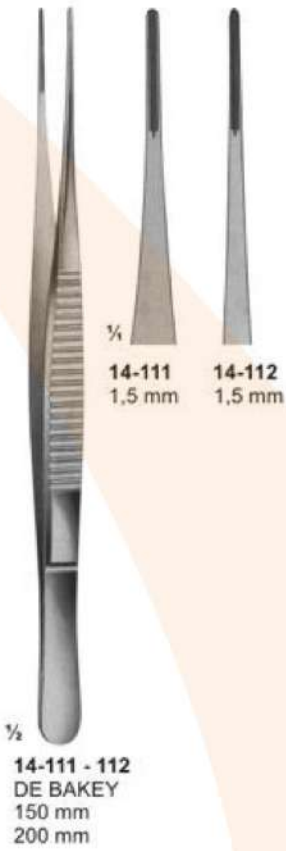
Vascular Spatulas Gefaßspatel



ATRAUMATA

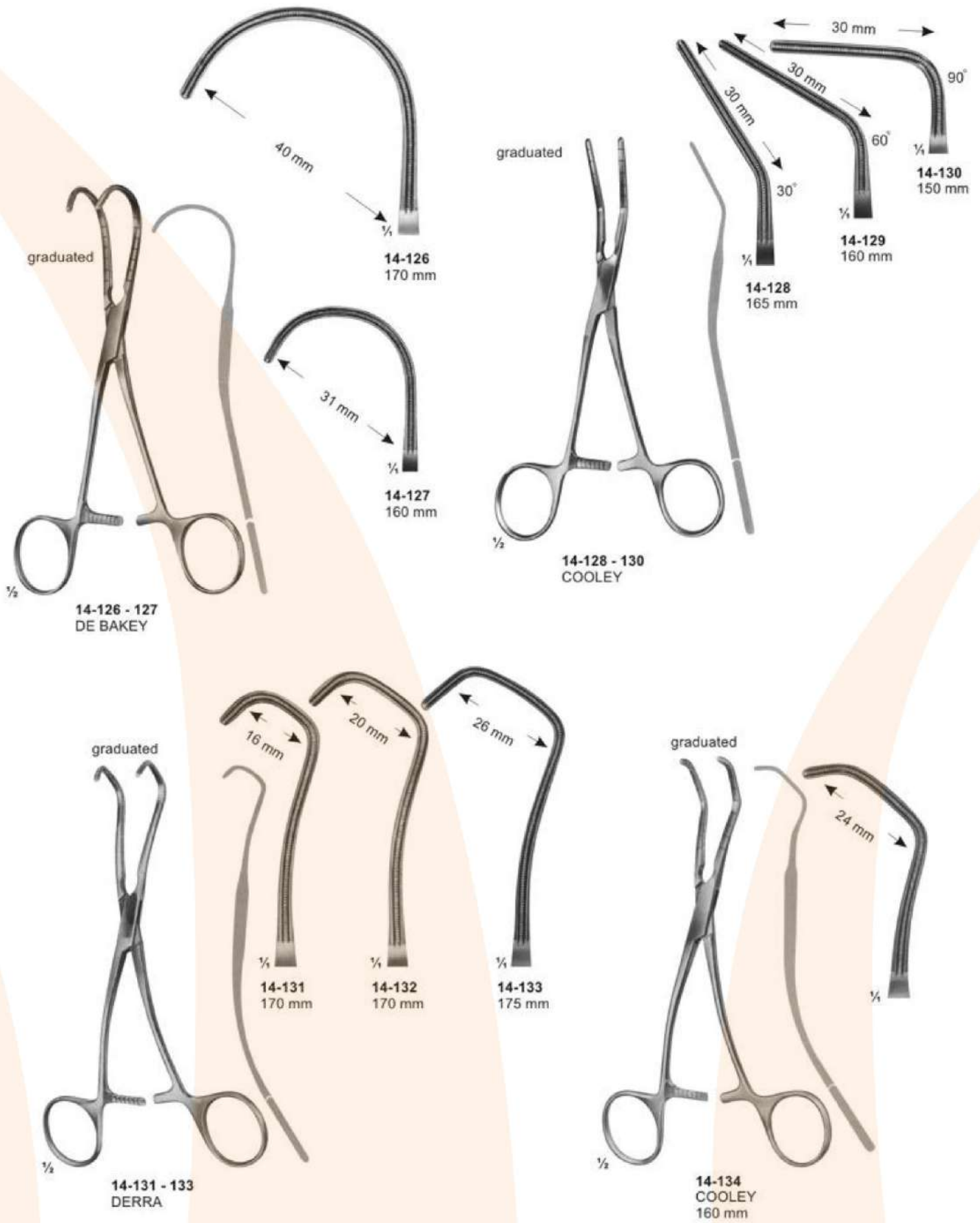
Forceps

Pinzetten

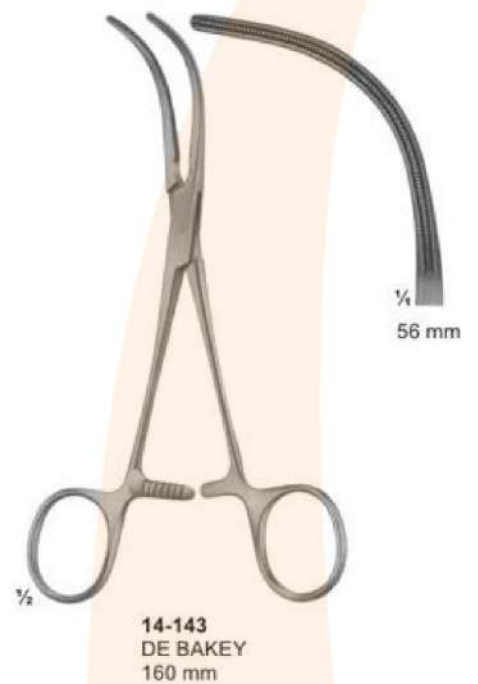


ATRAUMATA

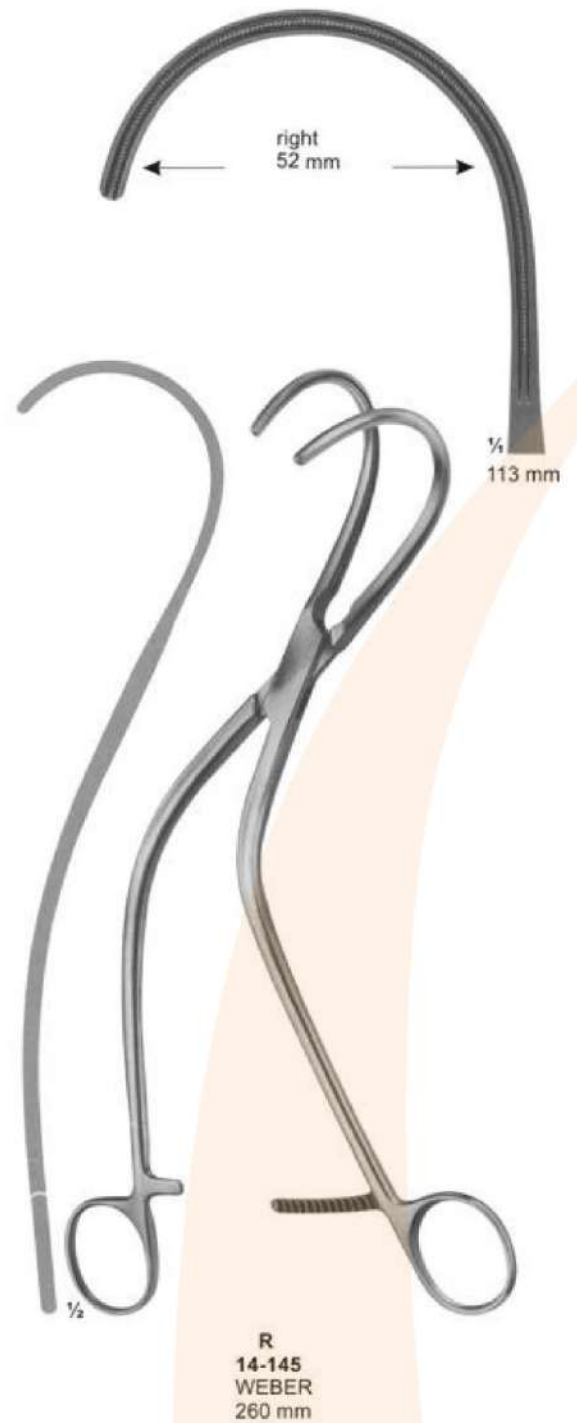
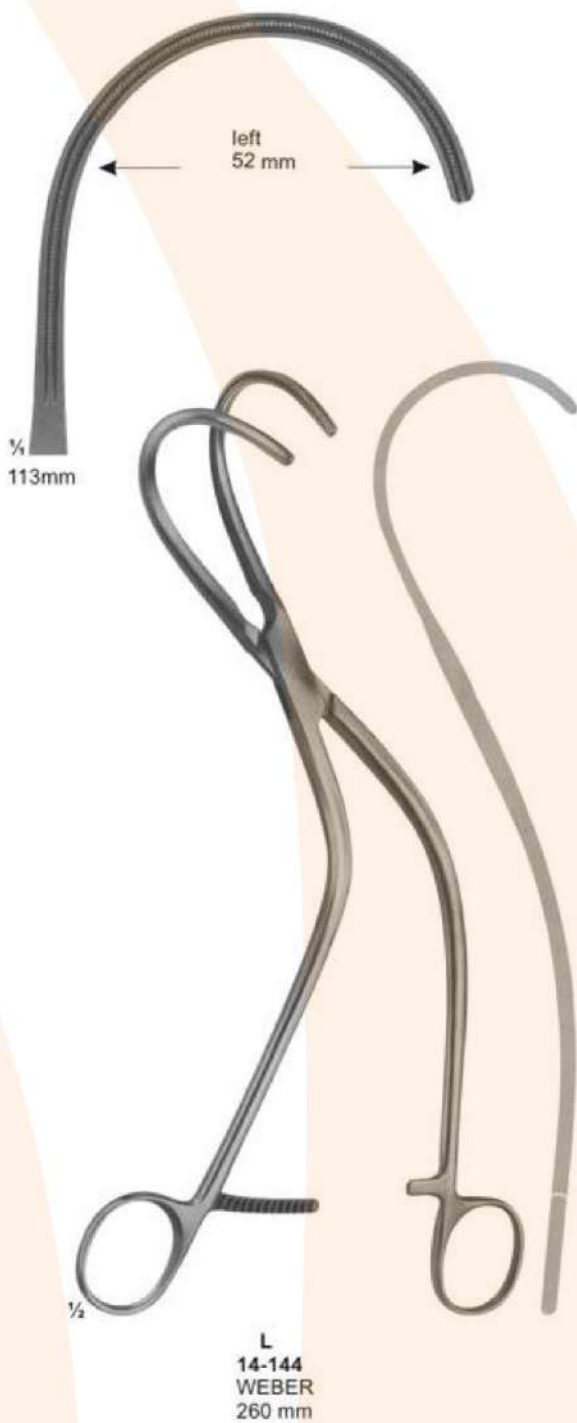
Anastomosis- and Multi- Purpose- Clamps- Pediatric types Anastomosen- und Mehrzweckklemmen- Kinder- Modelle



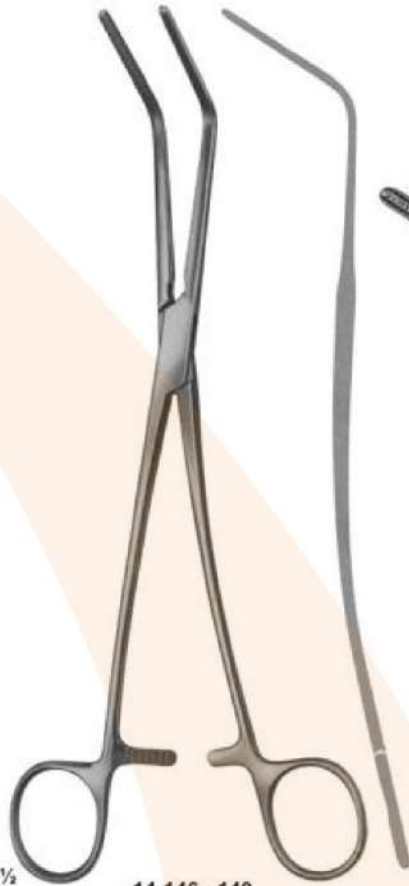
ATRAUMATA
Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamps
Coarctationsklemmen, Patent-Ductus und
Peripheralklemmen



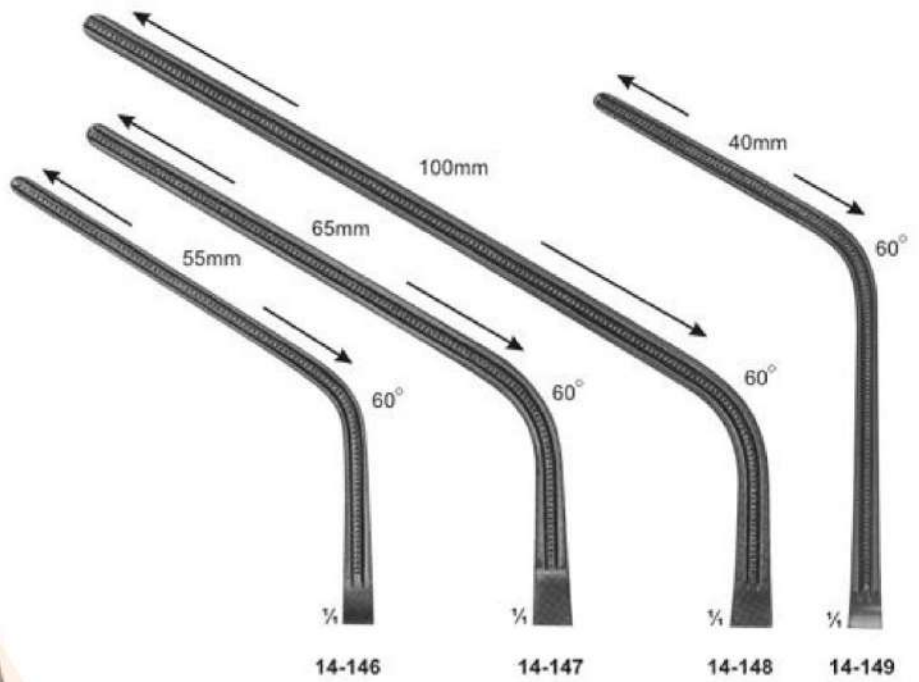
Aorta- Anastomosis Clamps Aorta- Anastomosenklemmen



Multi- Purpose-Clamps Mehrzweckklemmen



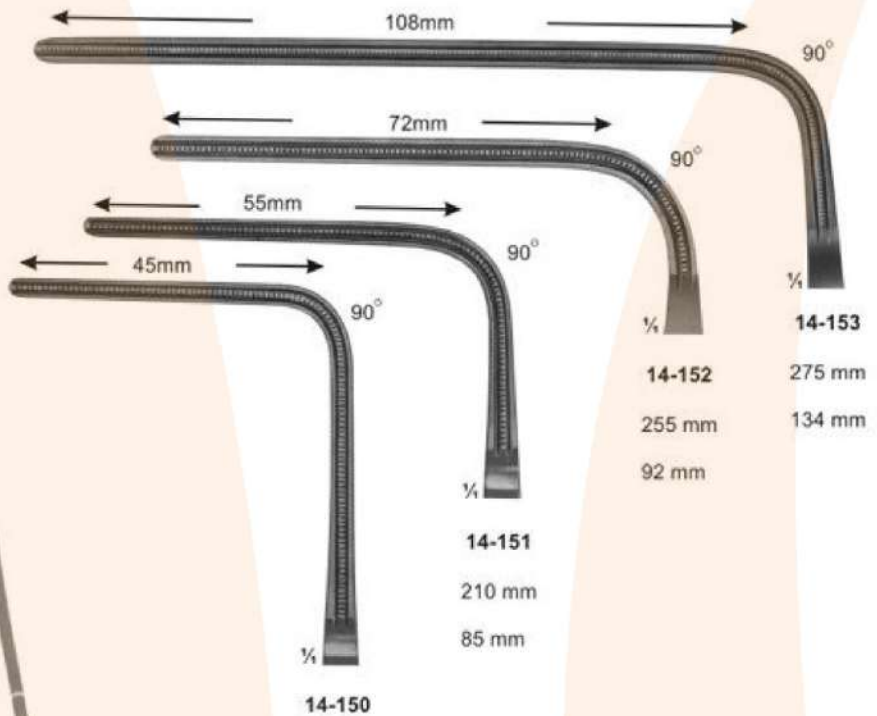
14-146 - 149
DE BAKEY



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



14-150 - 153
DE BAKEY



Total Length:	225 mm
Length of jaws:	93 mm

Sternum Instruments and Rib Shears
Sternum Instrumente und Rippenscheren



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

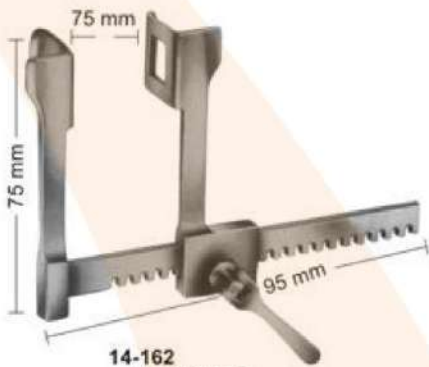


14-160
BRUNNER
 Universal pattern
 340 mm

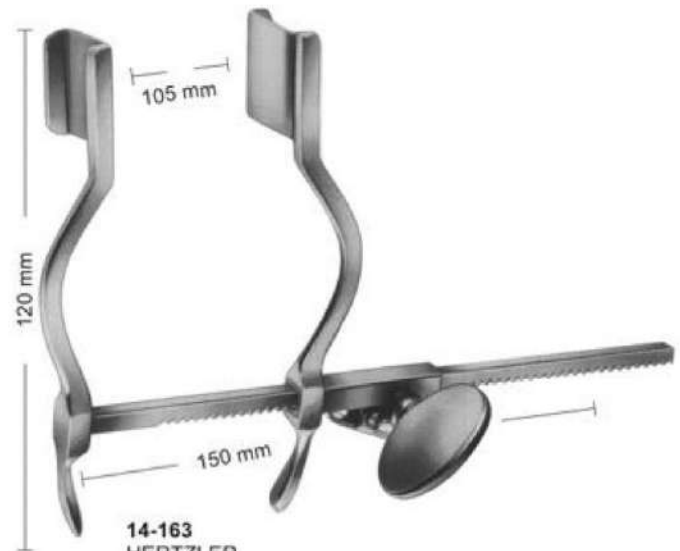


14-161
GIERTZ-STILLE
 250 mm

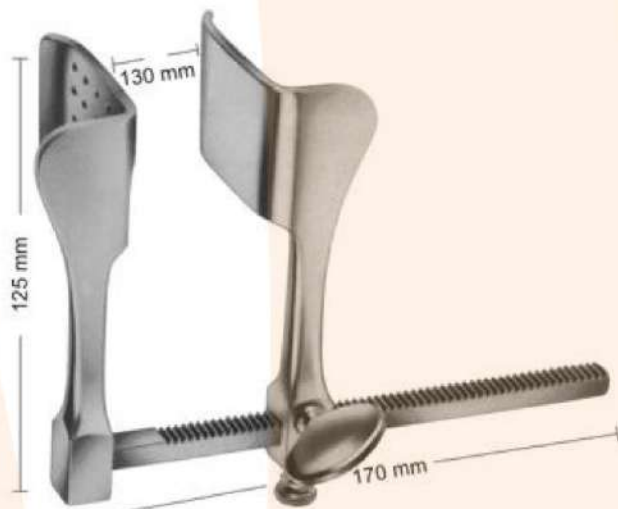
Rib Spreaders Rippensperr



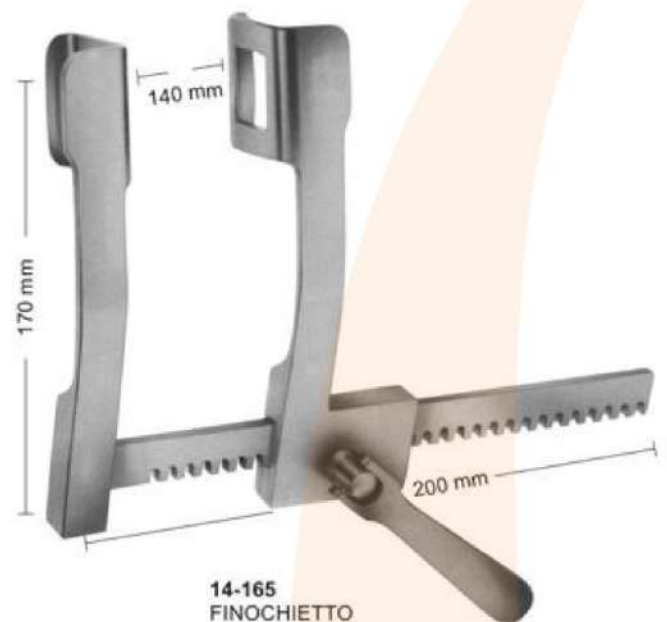
14-162
FINOCHIETTO
Blades
18X21 mm



14-163
HERTZLER
Blades
20X25 mm



14-164
TUFFIER
Blades
43X53 mm



14-165
FINOCHIETTO
Blades
36X45 mm



$\frac{1}{2}$
14-166
SELLORS
Rib spreader-and contractor
with swivel blades
200 mm



$\frac{1}{2}$
14-167
BAILEY
150 mm



14-168
for children

14-169
for adults

$\frac{1}{2}$
14-168 - 169
BAILEY
200 mm

130° upwards cutting

15-101
1 mm



KERRISON - JACOBY

FERRIS-SMITH-KERRISON

15-102
2 mm



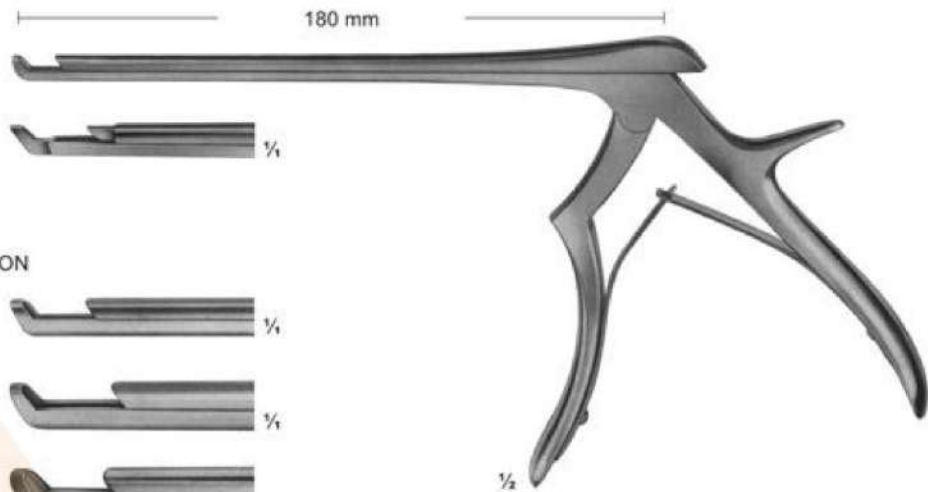
15-103
3 mm



15-104
4 mm



15-105
5 mm



15-101 - 105

90° upwards cutting

KERRISON - JACOBY

15-106
1 mm



15-107
2 mm



FERRIS-SMITH-KERRISON

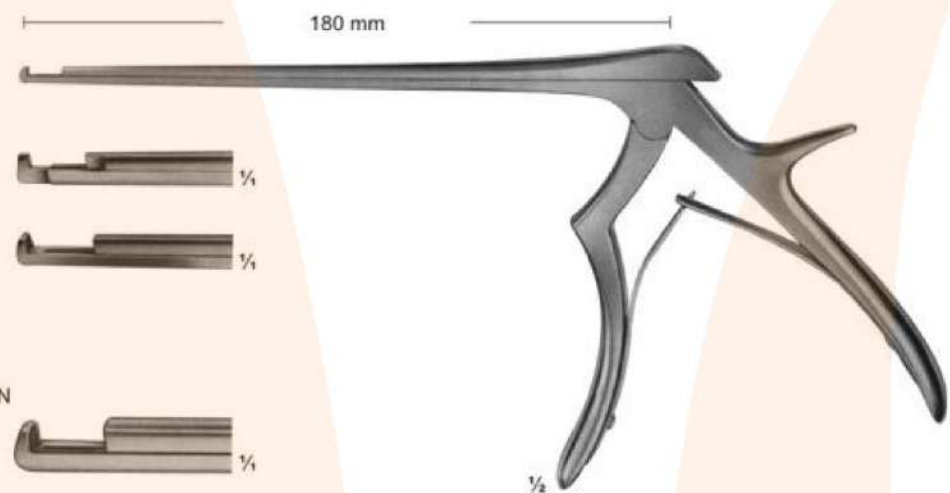
15-108
3 mm



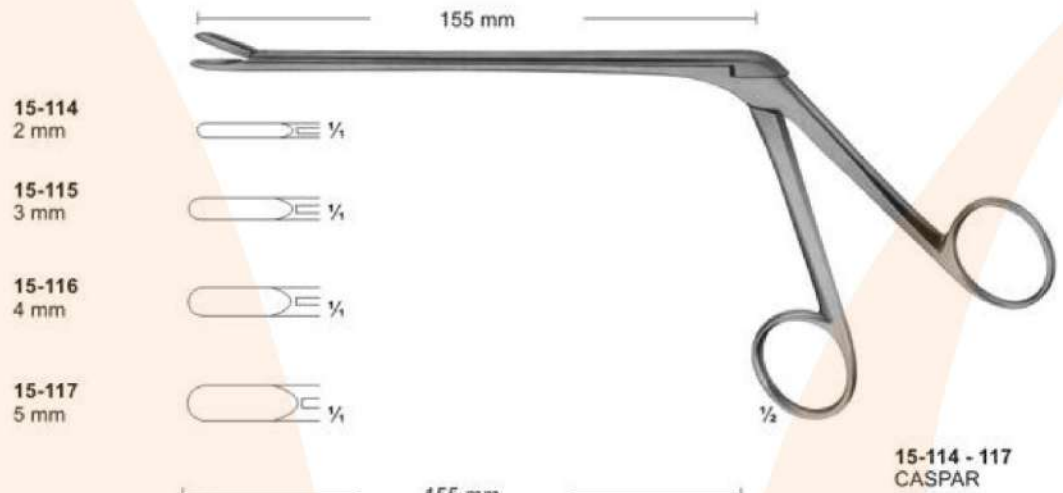
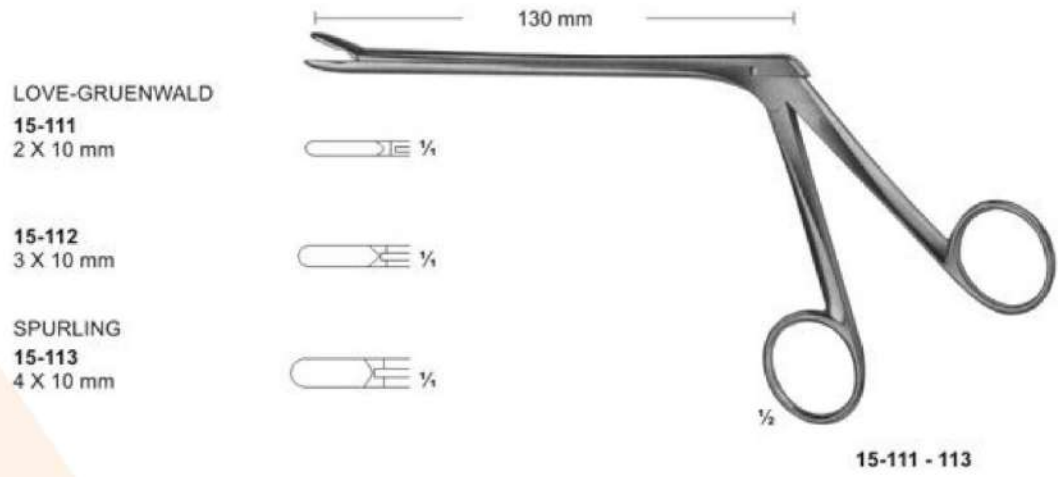
15-109
4 mm



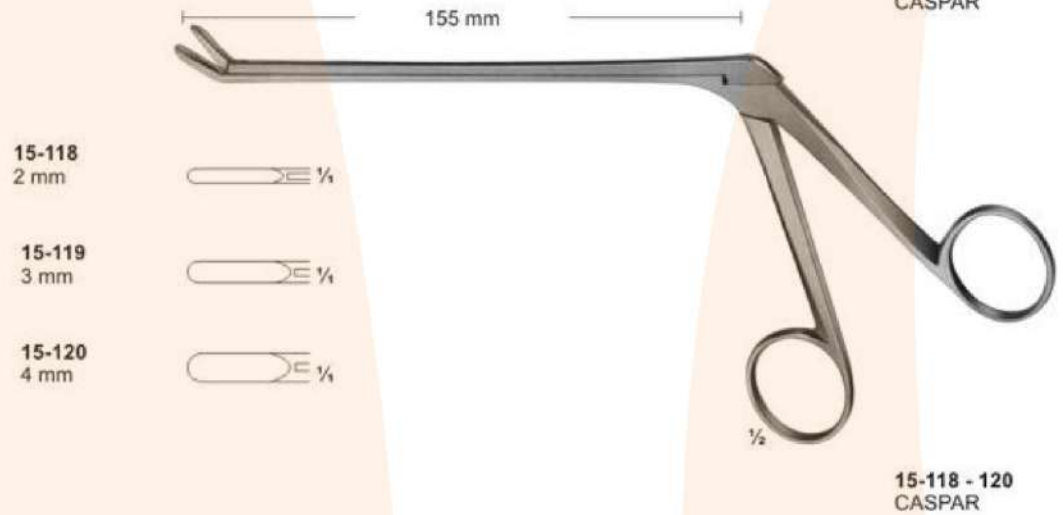
15-110
5 mm



15-106 - 110

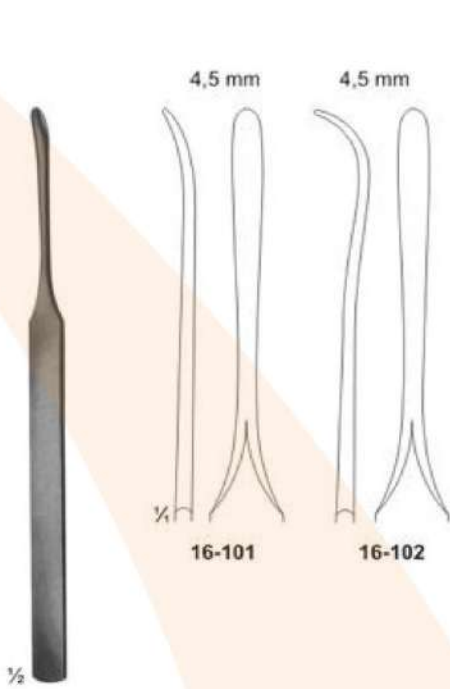


150°



Elevators and Bone Levers

Elevatoren und Knochenheber



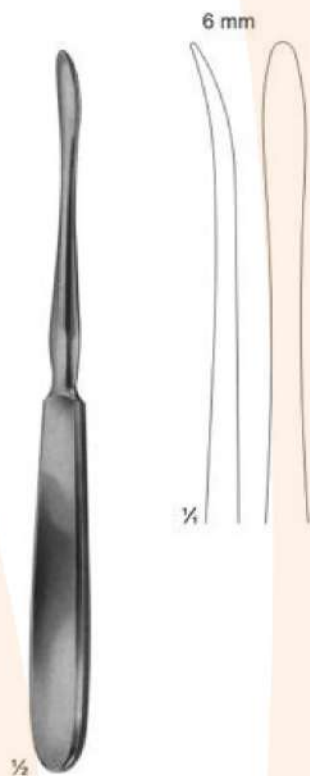
16-101 - 102
KONIG
155 mm



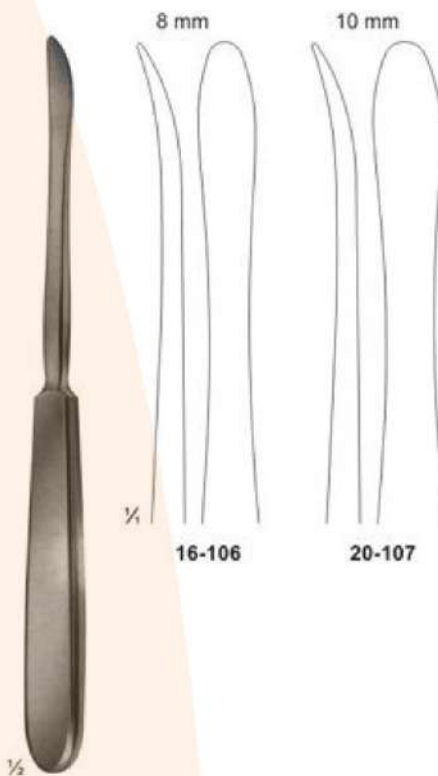
16-103
WILLIGER
165 mm



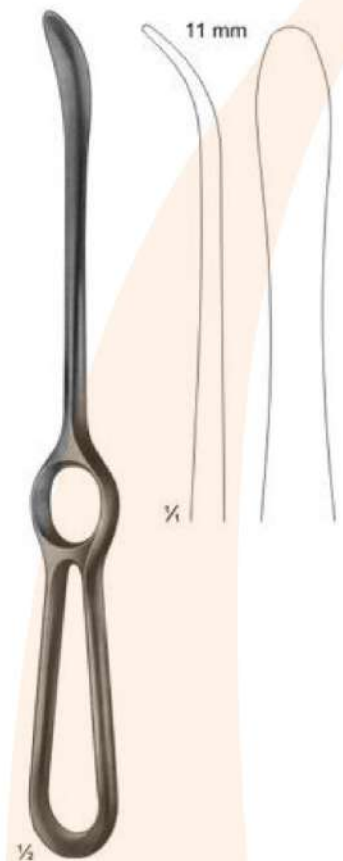
16-104
WILLIGER
170 mm



16-105
QUERVAIN
195 mm



16-106 - 107
LANGENBACK
195 mm



16-108
LANGENBACK
230mm

**Bone Levers
Knochenhebel**





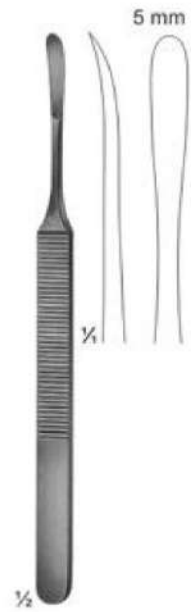
16-117 - 118
PARTSCH
150 mm



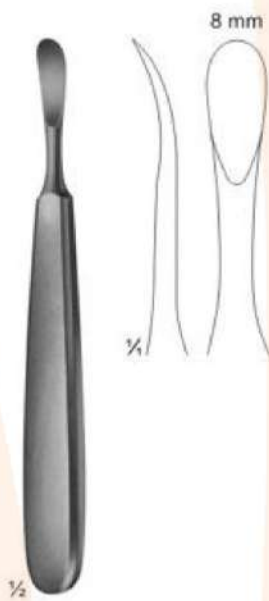
16-119
PARTSCH mod. LANGE
145 mm



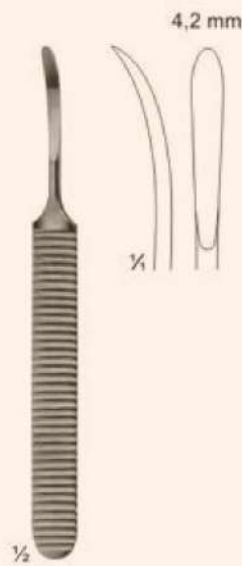
16-120
MC KENTY
155 mm



16-121
KOENIG
155 mm



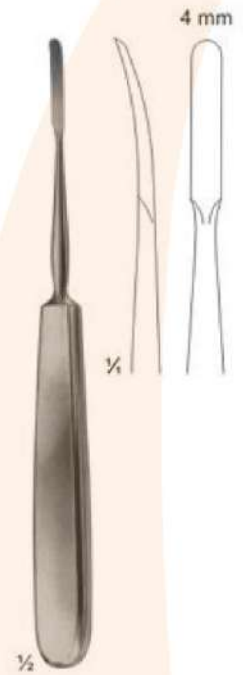
16-122
TRELAT
150 mm



16-123
WILLIGER
140 mm



16-124
WILLIGER
160 mm



16-125
JOSEPH
170 mm

Bone File and Rasps Knochen-Feilen und - Raspein

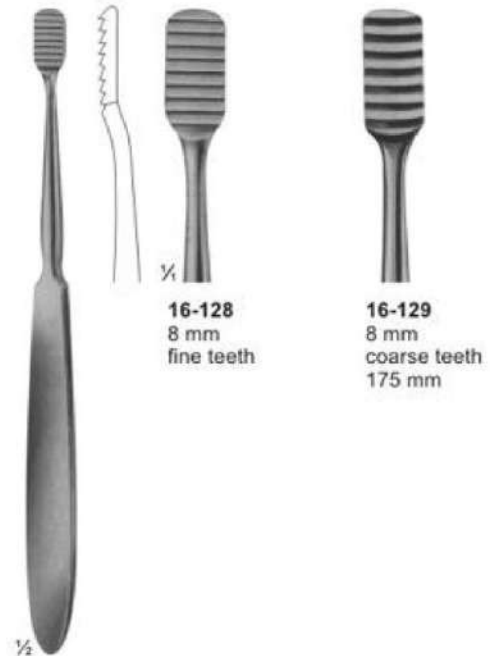


16-126
7,5 mm

16-127
9 mm

16-126
JOSEPH
fine, chequered

16-127
coarse, chequered
165 mm



16-128
8 mm
fine teeth

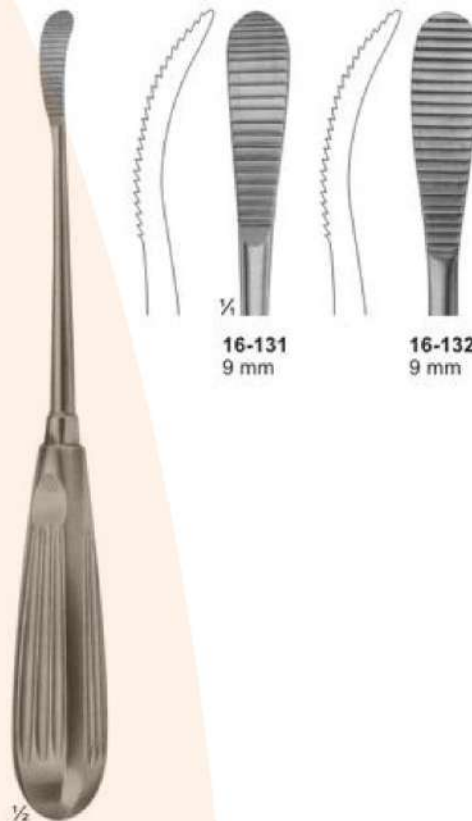
16-129
8 mm
coarse teeth
175 mm

16-128 - 129
LEWIS



16-131
9 mm

16-130
MALTZ
down stroke
180 mm



16-131
9 mm

16-132
9 mm

16-131 - 132
AUFRICHT
up stroke
16-132
down stroke
220 mm



16-133
6,5 mm

16-133
GALLAHER
190 mm

Bone Curettes Scharfe Löffel



16-134
JACOBSON
140 mm



16-135
MARTINI
140 mm



16-137
MARTINI
140 mm



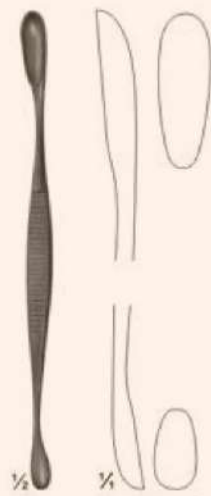
16-138
WILLIGER
145 mm



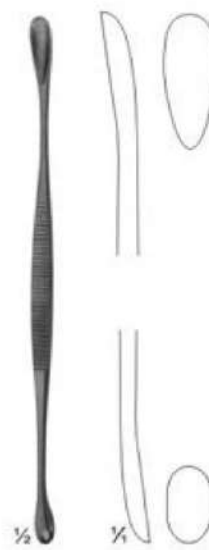
16-139
JANSEN
160 mm



16-140
BARTH
180 mm



16-141
VOLKMANN
130 mm



16-142
VOLKMANN
145 mm



16-143
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

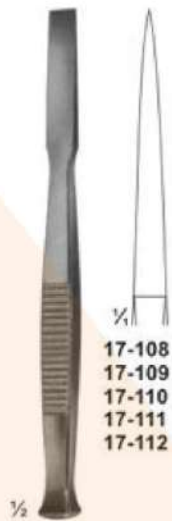
17-106
165 g
lead filled head
190 mm

Osteotomes, Chisels and Gouges

Osteotome, Flach- und Hohlmeißel

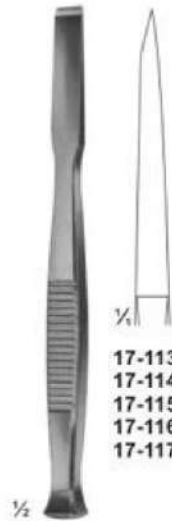


17-107
MANNERFELT
Gouge
155 mm



17-108 - 112
Osteotomes
140 mm

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



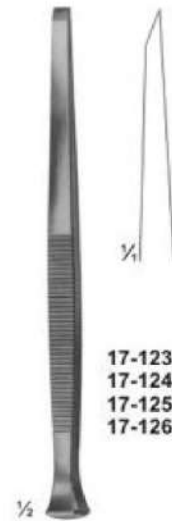
17-113 - 117
Chisels
140 mm

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



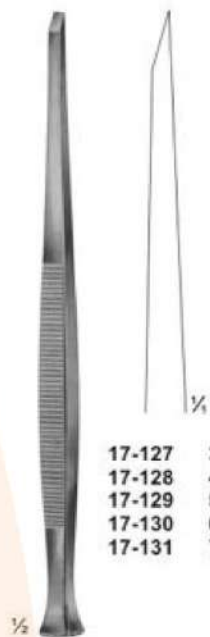
17-118 - 122
Gouges
140 mm

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



PARTSCH
17-123 - 126
Chisels
140 mm

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



PARTSCH
17-127 - 131
Chisels
170 mm

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



PARTSCH
17-132 - 135
Gouges
140 mm

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



PARTSCH
17-136 - 140
Gouges
170 mm

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



LUCAS
17-141 - 142
Chisels
160 mm

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



LUCAS
17-143 - 144
Gouges
160 mm

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

Reposition Forceps, Bone Holding Forceps
 Repositionszangen, Knochenhaltezangen



17-145
 Patella forceps
 185 mm



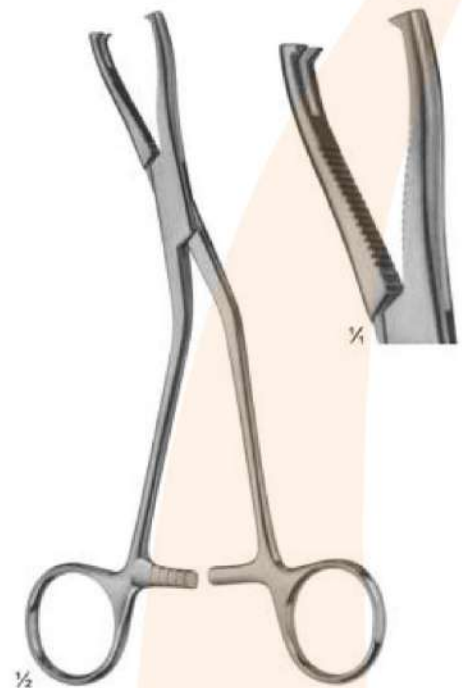
17-146
 Forceps with
 ratchet fixation
 140 mm



17-147
 Forceps with
 thread fixation
 170 mm

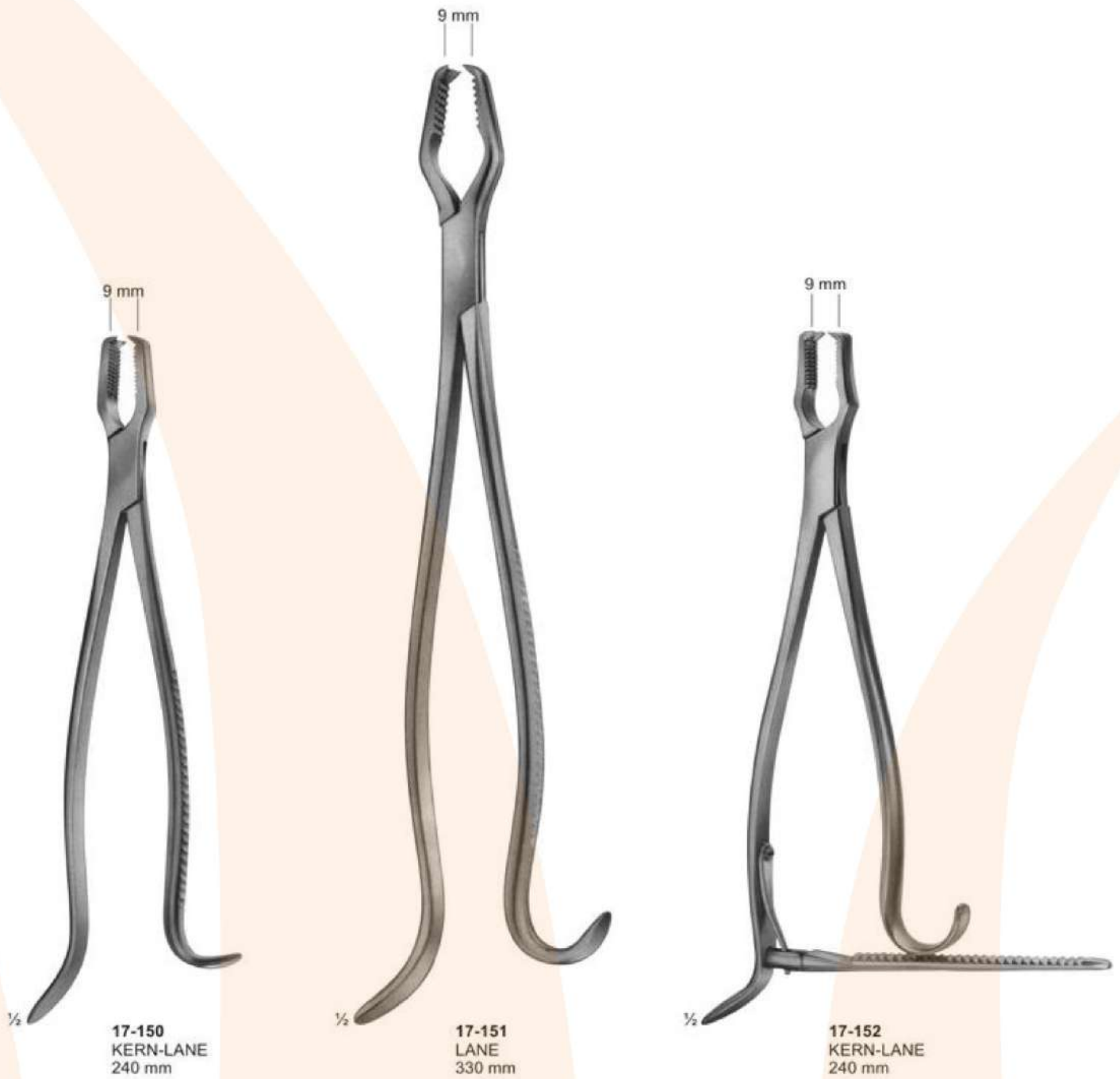


17-148
 Forceps with
 thread fixation
 235 mm



17-149
 DINGMANN
 185 mm

Bone Holding Forceps Knochenhaltezangen





17-153 - 154
LOWMAN
17-153 170 mm
17-154 205 mm



17-155
LOWMAN-GERSTER
210 mm



17-156
LOWMAN-HOGLUND
175 mm



**17-157
LUER
150 mm**



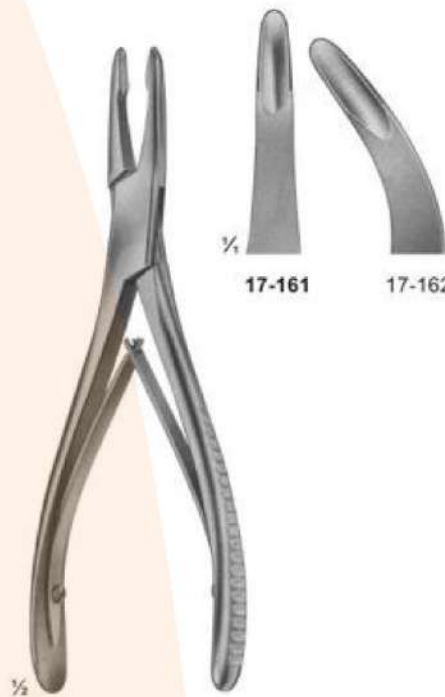
**17-158
LUER
155 mm**



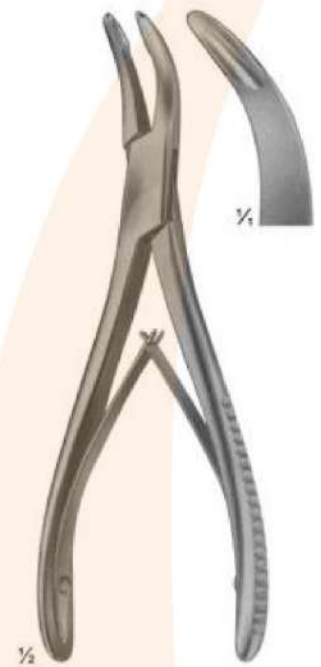
**17-159
BLUMENTHAL
155 mm**



**17-160
BLUMENTHAL
150 mm**



**17-161 - 162
JANSEN
175 mm**



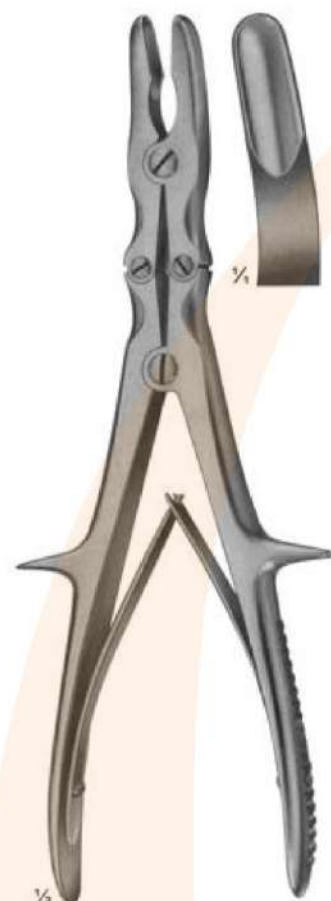
**17-163
BANE-HARTMANN
175 mm**



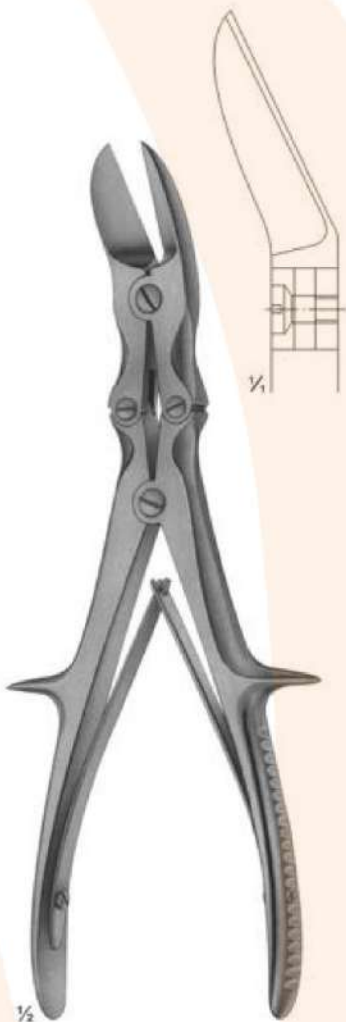
17-164
STILLE
235 mm



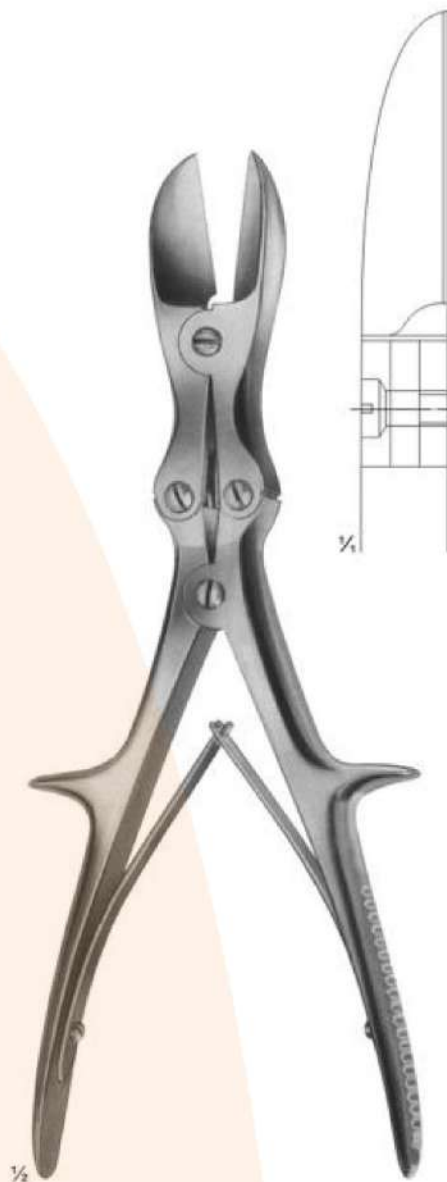
17-165
LEKSELL-STILLE
240mm



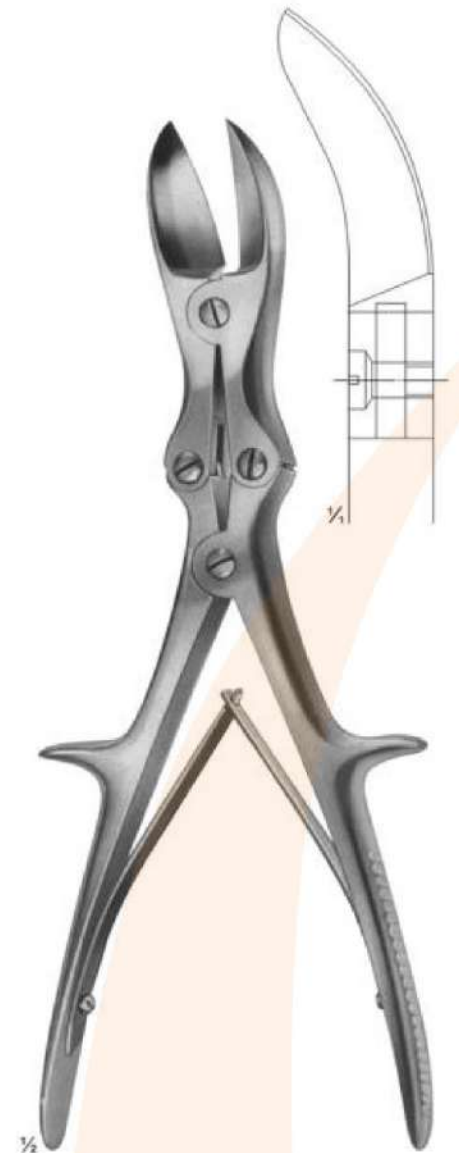
17-166
STILLE-RUSKIN
240mm



17-167
LISTON
curved on flat
240 mm



17-168
LISTON
straight
280 mm



17-169
LISTON
curved on flat
280 mm

Plaster Shears Gippscheren



17-170
STILLE-AESFULAP
260 mm



17-171
STILLE-AESFULAP
360 mm

Plaster Spreader, Plaster Breakers Gipsspreizer, Gipsabreibzangen



17-172
HENING
270 mm



17-173
MOD.USA
230 mm



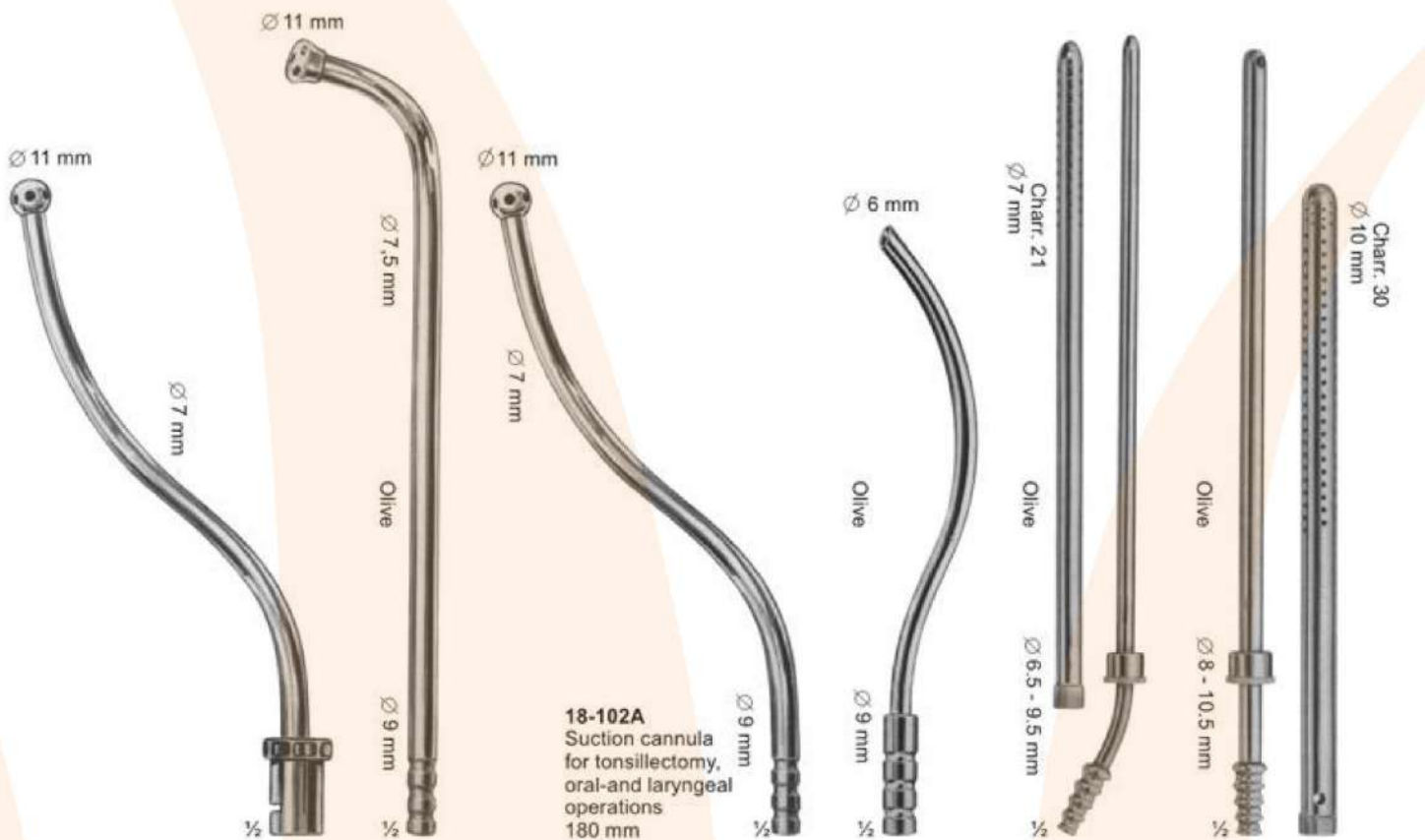
17-174
290 mm



with removable jaws



17-175 - 176
WOLFF
17-175 180 mm
17-176 240 mm
plaster breakers



18-101
For tonsillectomy,
oral-and laryngeal
operations
180 mm

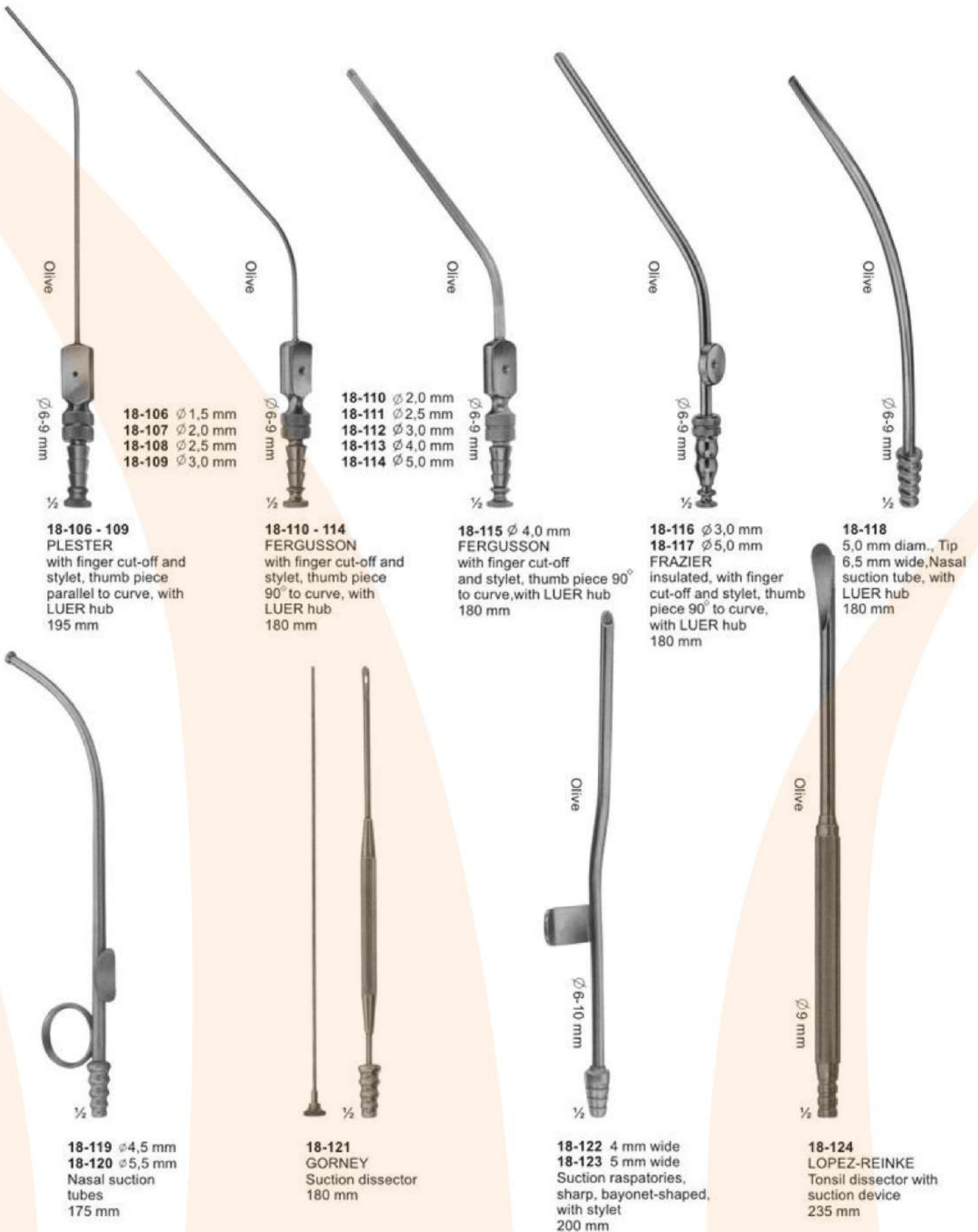
18-102
Suction cannula
for tonsillectomy,
oral-and laryngeal
operations
220 mm

18-102A
Suction cannula
for tonsillectomy,
oral-and laryngeal
operations
180 mm

18-103
S-shaped blunt cannula
for aspirating fluid from
the excretory ducts of
large glands and for
keeping the operating
area clear
170 mm

18-104
POOL
Suction cannula,
with outer tube
to be screwed of
225 mm

18-105
POOL
Suction cannula,
with outer tube
to be screwed off
225 mm





19-101 - 115
Schimmelbusch

	Ø x H sizes in mm
19-101	80 x 80
19-102	120 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 240
19-114	390 x 190
19-115	390 x 290



19-116
Box
(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
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 65 mm x 15 mm



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	50 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



19-132-139

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	235 x 275 x 50	mm



19-140
205 x 105 x 35 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

Round Metal Boxes and Medicine Cups



19-143-148

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



19-149
25 cc

19-150
50 cc



19-151
20 cc
Medicine Spoon



19-152
Ø 75 x 12 mm
Tablet Tray



19-153
Ø 90 x 90 mm
Metal Cup



19-154
Ø 75 x 80 mm
Sputum Cup



Kidney Dish



19-155 - 157

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



19-158 - 165

	∅ 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
∅ 100 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



26-186
235 x 190 x 40 mm



26-187
∅ 220 x 70 mm



19-179
∅ 50 x 100 mm
Powder Pot



19-180
∅ 50 x 75 mm
Methot With Lid



19-181
∅ 50 x 75 mm
Methot Without Lid



19-182



19-183



19-184



19-185-186

19-185 ∅ 235 mm
19-186 ∅ 310 mm



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



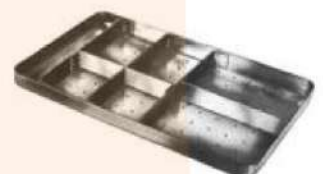
19-192
150 x 95 x 13 mm



19-193
150 x 95 x 13 mm



19-194
150 x 95 x 13 mm



19-195
150 x 95 x 13 mm



19-196
Deponette
245 x 135 x 35mm



19-197
Deponette
245 x 135 x 50mm

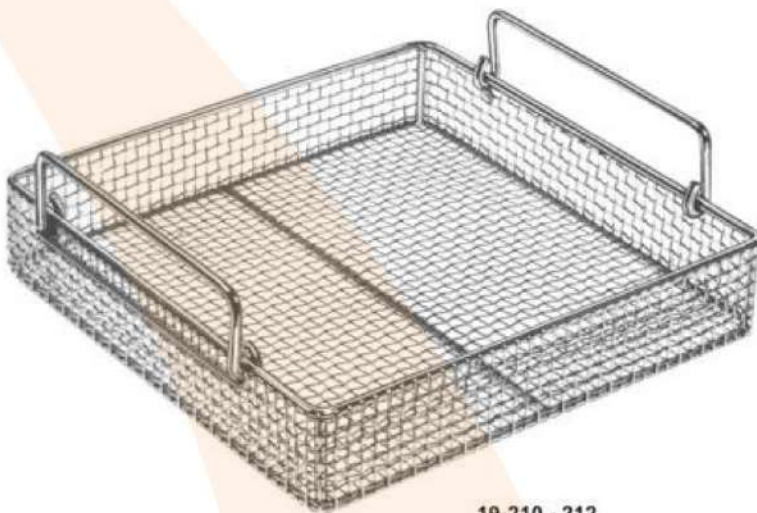


19-198
Deponette
245 x 135 x 60mm



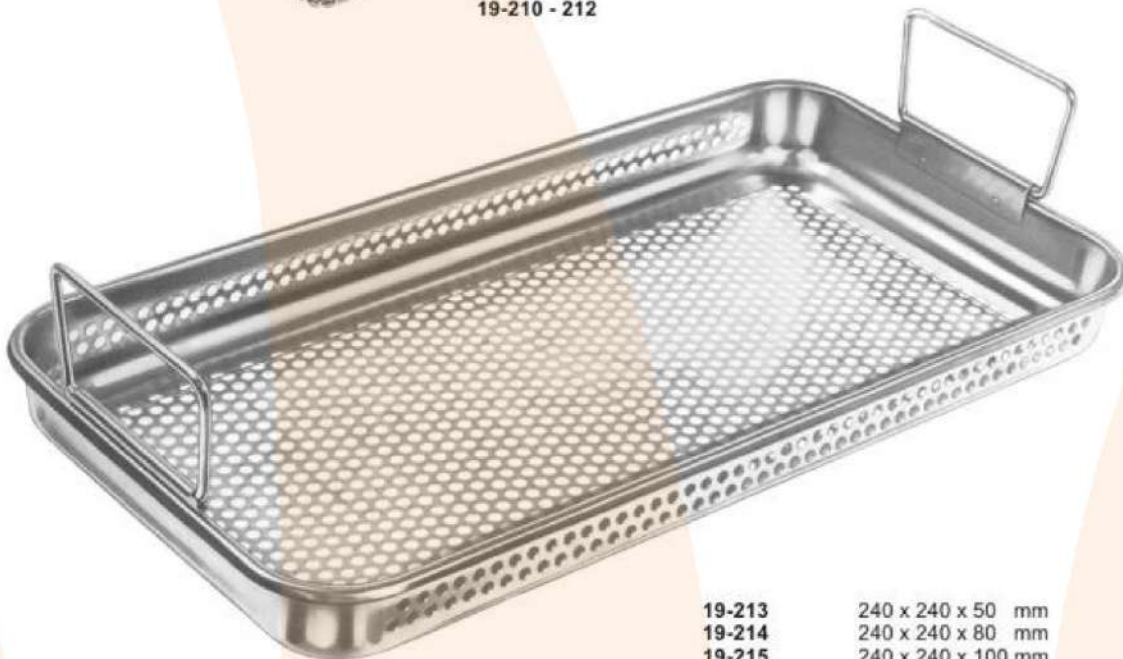
19-199 - 209

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



19-210 - 212

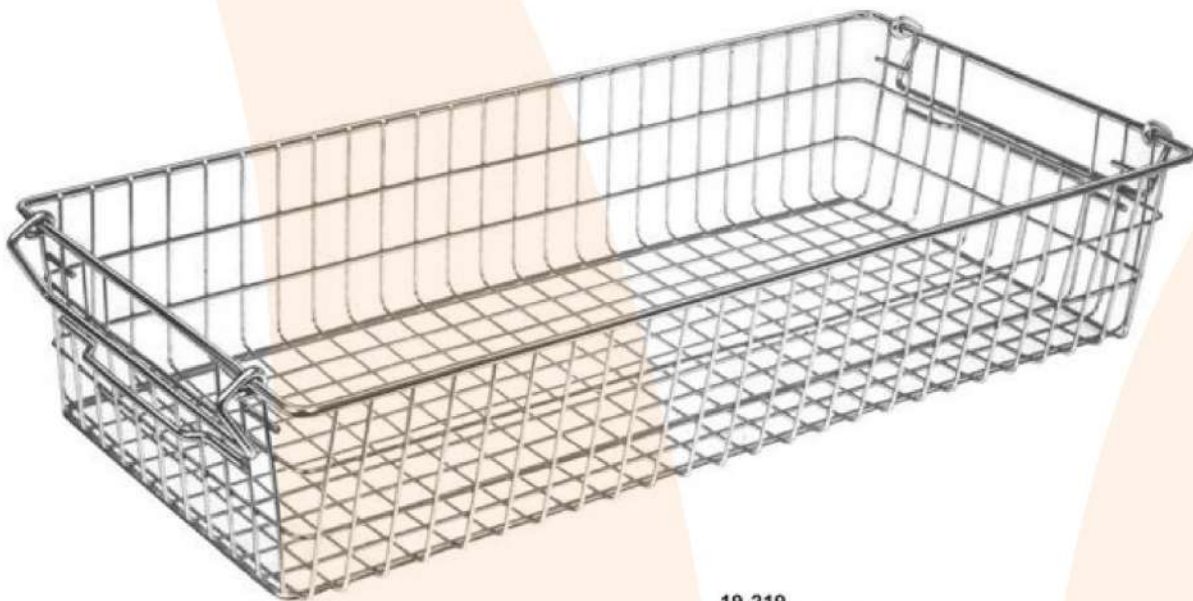
19-210	480 x 250 x 50 mm
19-211	520 x 250 x 75 mm
19-212	520 x 250 x 100 mm



19-213 - 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

Sterilizing Basket



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

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