



FAST READY SURGICO
Manufacturers & Exporters

SURGICAL INSTRUMENTS



Fast Ready Surgico

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Percussion Hammers and Aesthesiometers



01-101
TROEMNER
Size: 245 mm



01-102
DEJERINE
Size: 200 mm



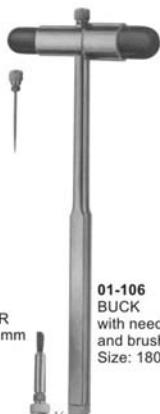
01-103
DEJERINE
with needle
Size: 210 mm



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

Stethoscopes



01-110
PINARD (Aluminum)
Size: 155 mm



01-111
wooden
Size: 145 mm



01-112
BOWLES
Stethoscope
with diaphragm



01-113
ANESTOPHON



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

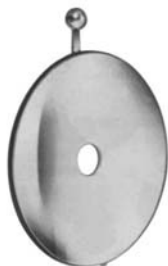


01-115
BOWLES

Head Mirrors and Head Bands



01-116
ZIEGLER \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



01-120
MURPHY
head band of celluloid, white

01-119
ZIEGLER
head band of plastic white

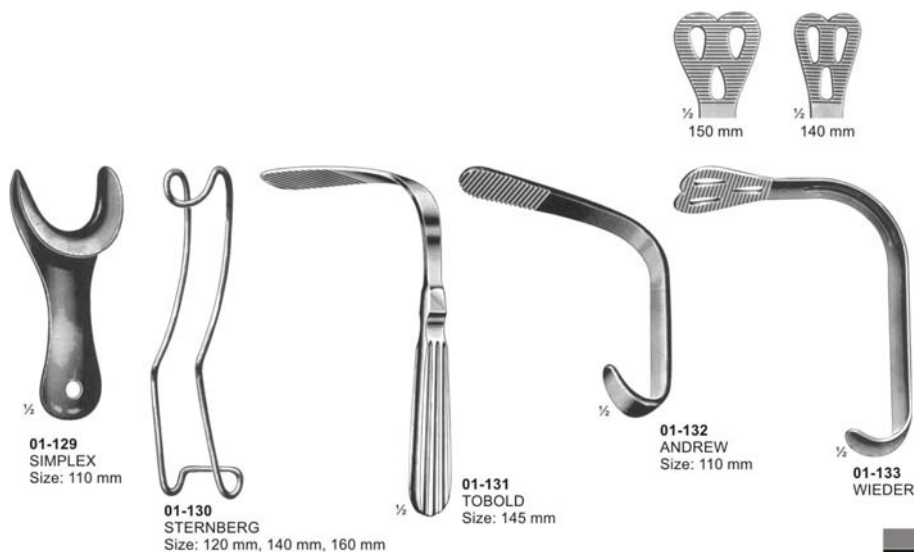
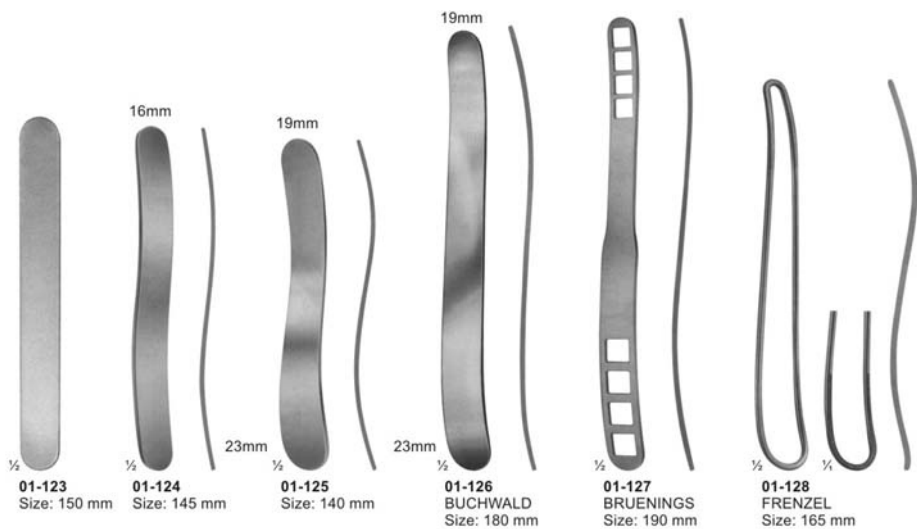


01-121
head band of plastic,
white, soft pattern



01-122
head mirror with black
plastic head band.

Tongue Depressors



Instruments for Anaesthesia and Tongue Forceps



01-134
SCHIMMELBUSCH
Ether mask



01-135
HEISTER
Mouth gag
Size: 130 mm



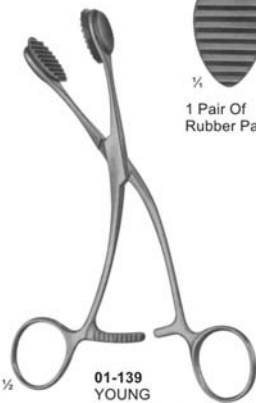
01-136
FERGUSSON-ACKLAND
Mouth gag
Size: 145 mm



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



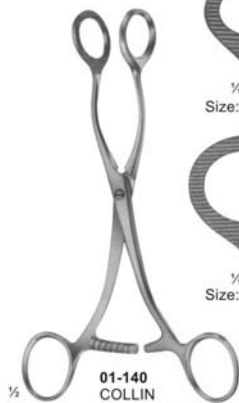
01-138
ROSER KOENIG
Mouth gag
Size: 160 mm, 185 mm



01-139
YOUNG
Size: 165 mm



1 Pair Of
Rubber Pads



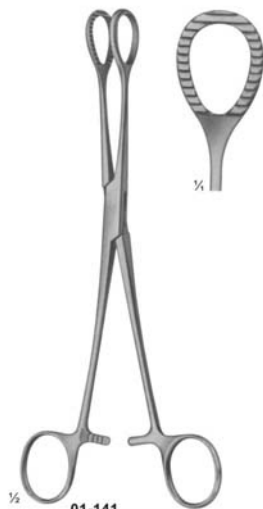
01-140
COLLIN
Size: 160 mm,
170 mm



Size: 160 mm



Size: 170 mm



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

Blood Lancets and Laryngeal Mirrors



01-142
FRANCKE
Automatic blood lancet



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



01-145
Mirror handle
Size: 110 mm



01-146
Mirror handle
Size: 105 mm



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



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



Fig. 000
Ø6mm



Fig. 00
Ø8mm



Fig. 0
Ø10mm



Fig. 1
Ø12mm



Fig. 2
Ø14mm

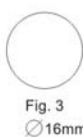


Fig. 3
Ø16mm

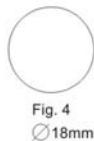


Fig. 4
Ø18mm

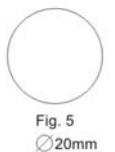


Fig. 5
Ø20mm

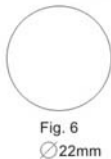


Fig. 6
Ø22mm



Fig. 7
Ø24mm

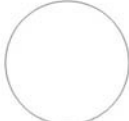


Fig. 8
Ø26mm



Fig. 9
Ø28mm

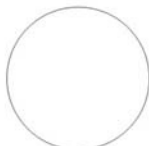


Fig. 10
Ø30mm



01-148
Spare mirrors only
Size: 12 mm



01-149
Spare mirrors only
Size: 14 mm

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 valvet lined case



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

Laryngoscopes



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

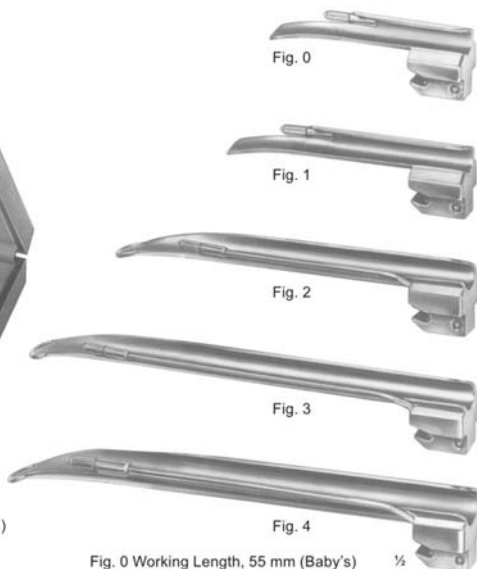


Fig. 0 Working Length, 55 mm (Baby's)
 Fig. 1 Working Length, 80 mm (Children's)
 Fig. 2 Working Length, 130 mm (Adolescent's)
 Fig. 3 Working Length, 170 mm (Women's)
 Fig. 4 Working Length, 180 mm (Men's)



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



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

Laryngoscopes



01-160

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

01-161

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



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4

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

01-162

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



01-163

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



Fig. 1



Fig. 2



Fig. 3



Fig. 4

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



01-164
Fiber Optic
Battery Handle
30mm diam.



01-165
Fiber Optic
Battery Handle
18mm diam.

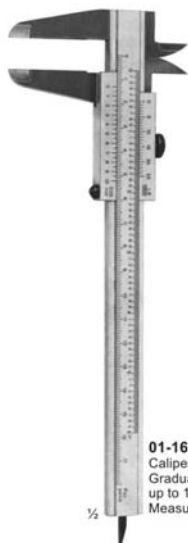


01-166
Replacement Lamp
(Krypton) 2.5 V



01-167
Replacement Lamp
(Halogen) 2.5 V

Examination & Measuring Instruments



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



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



01-170
CARROLL
Size: 145 mm
Finger Goniometer



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



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



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



01-174
CASTROVIEJO
Caliper
Size: 75mm



01-175
MOLTGEN
Goniometer



01-176
Size: 150 mm



01-177
Size: 500 mm



Trocars

Luer Lock



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



09-107
Universal trocar
with 4 tips



NELSON

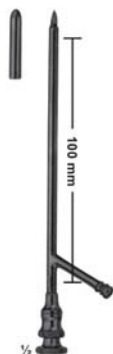
09-108 - 112
Inside diam. Outside diam
09-108 2,2 mm 3,0 mm
09-109 3,0 mm 4,0 mm
09-110 4,0 mm 5,0 mm
09-111 5,0 mm 6,0 mm
09-112 5,5 mm 6,5 mm
for hydrocele and abdominal puncture



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



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



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



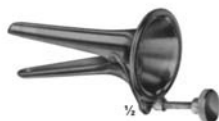
Record Cone1

09-123
PIERCE
Antrum trocar
∅ 4,0 mm

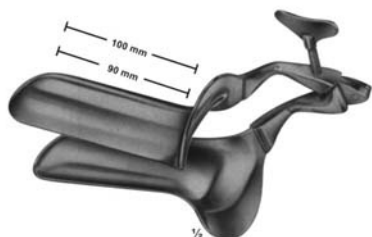


09-124
COAKLEY
Antrum trocar
3,0 mm

Vaginal Specula



10-101
COLLIN
for children
53 x 10 mm



10-102 - 105
COLLIN

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

Total length/working
length
width



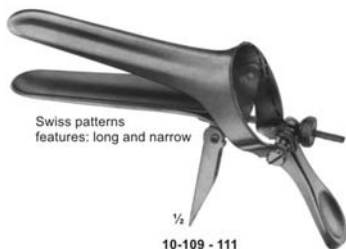
10-106
COLLIN
for virgins
95/85 x 18 mm



10-107
CUSCO
for virgins
75 x 17 mm



10-108
CUSCO
for virgins
75 x 17 mm



10-109 - 111
CUSCO

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

Dissecting Knives



02-101 - 110
Fig. 1 - 10



02-101
Fig. 1
30 mm



02-102
Fig. 2
36 mm



02-103
Fig. 3
40 mm



02-104
Fig. 4
45 mm



02-105
Fig. 5
50 mm



02-106
Fig. 6
27 mm



02-107
Fig. 7
35 mm



02-108
Fig. 8
40 mm



02-109
Fig. 9
47 mm



02-110
Fig. 10
50 mm

Amputating Knives, Cartilage Knives and Autopsy Knives



LISTON

02-111

Size: 130 mm

02-112

Size: 160 mm

02-113

Size: 190 mm

02-114

Size: 200 mm

Blade length
Amputating Knives

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 Knives



02-122
AYRE
Size: 235 mm
Cone Knife

02-123
Size: 230 mm
Cone Knife

02-124
SEGOND
Size: 270 mm
Myomatome

02-125
OLIVECRONA
Size: 205 mm
Trigeminal
Knife

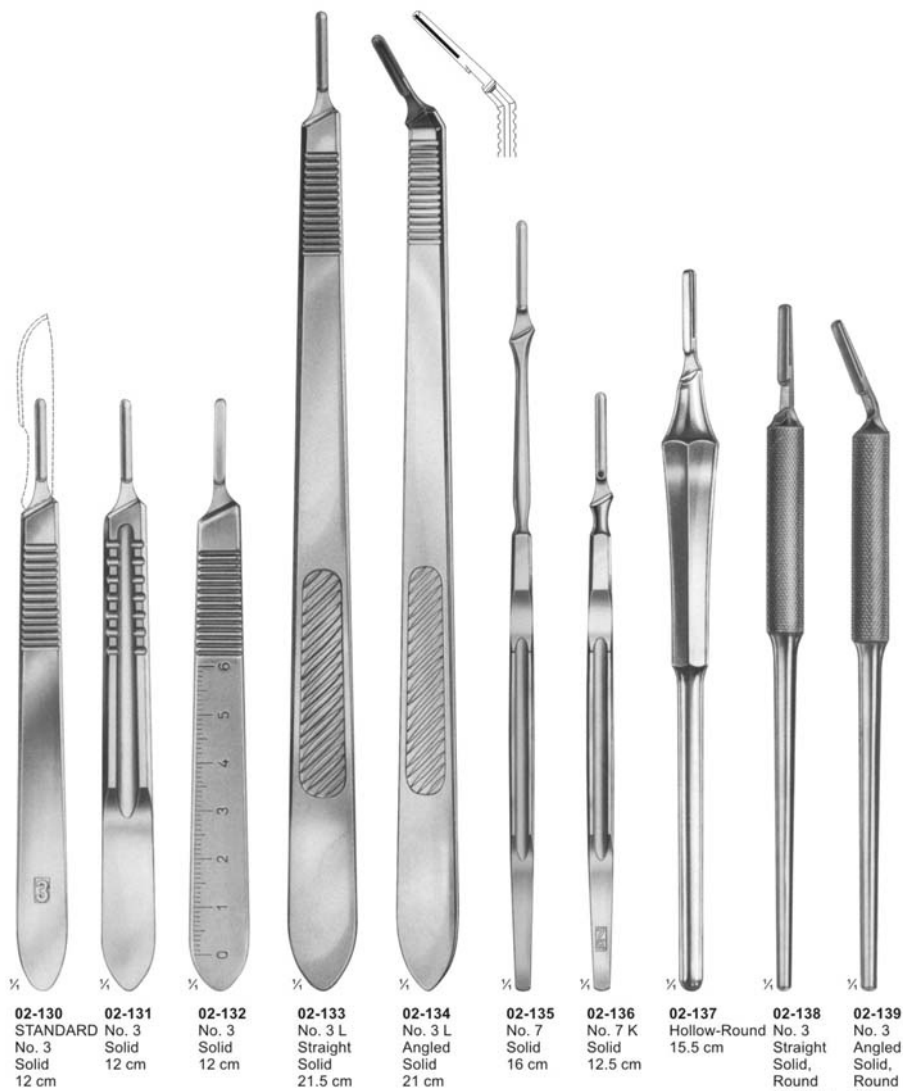
02-126
Size: 230 mm
Trigeminal
Knife

02-127
FOWLER
Size: 200 mm
Tonsil Knife

02-128
ABRAHAM
Size: 215 mm
Tonsil Knife

02-129
BRUNINGS
Size: 215 mm
Tonsil Knife

Scalpel Handles



Micro Scissors (Spring Type) with Flat Handles



03-101 - 103
VANNAS
Size: 85 mm



03-102



03-103



03-104 - 105
CASTROVIEJO
Size: 95 mm



03-105



03-106
NOYES
Size: 125 mm



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



03-107



03-108



03-109
CASTROVIEJO
Eye scissor
Size: 115 mm



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

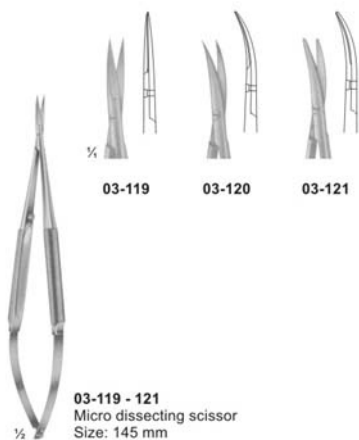
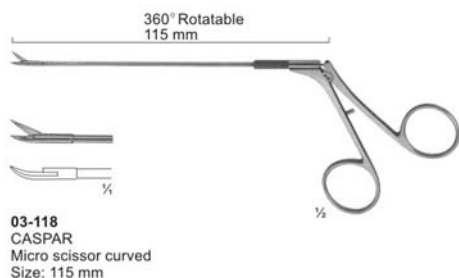
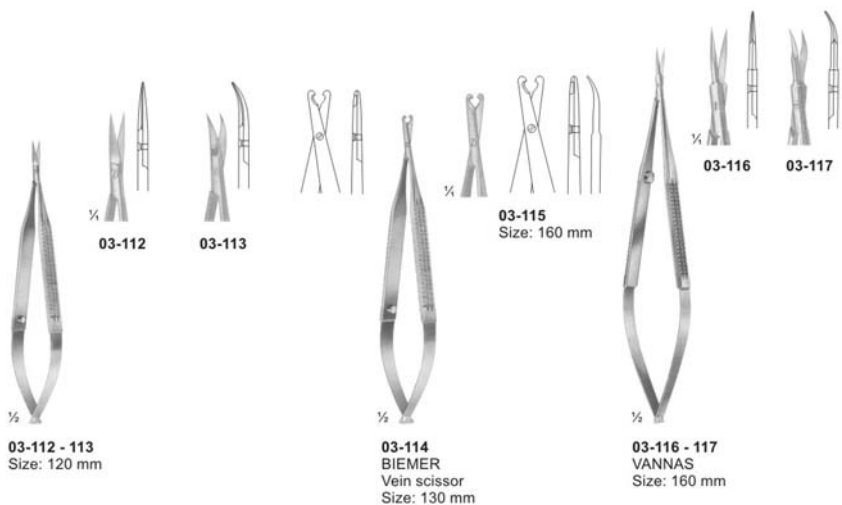


03-110



03-111

Micro Scissors (Spring Type) with Flat Handles



Micro Scissors (Spring Type) bayonet-Shaped



¼

¼

03-122
YASARGIL
Size: 245 mm



¼

03-123
45°



¼

03-124
45°



¼

03-123 - 124
laterally angled
Size: 200 mm



125°

¼

03-125
laterally angled
Size: 190 mm



¼

03-126



¼

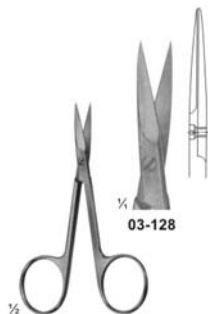
03-127



¼

03-126 - 127
YASARGIL
Size: 225 mm

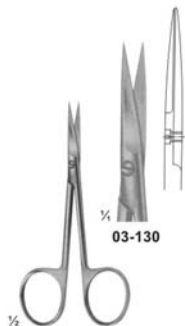
Delicate Scissors



03-128

03-129

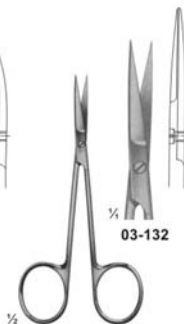
03-128 - 129
Size: 90 mm



03-130

03-131

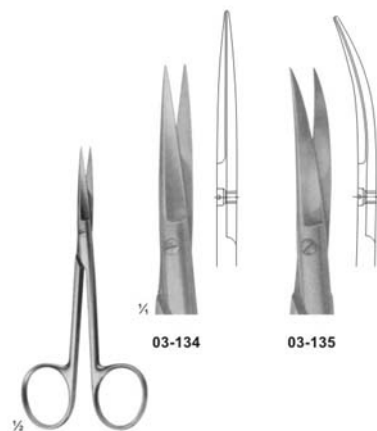
03-130 - 131
Size: 95 mm



03-132

03-133

03-132 - 133
Size: 105 mm



03-134

03-135

03-134 - 135
Size: 120 mm



03-136

03-137

03-136 - 137
Size: 115 mm

Delicate Scissors



03-138 - 140
Size: 120 mm



03-138



03-139



03-140



03-141 - 144
Size: 130 mm



03-141



03-142



03-143



03-144

Surgical Scissors



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

03-145
 Size: 105 mm

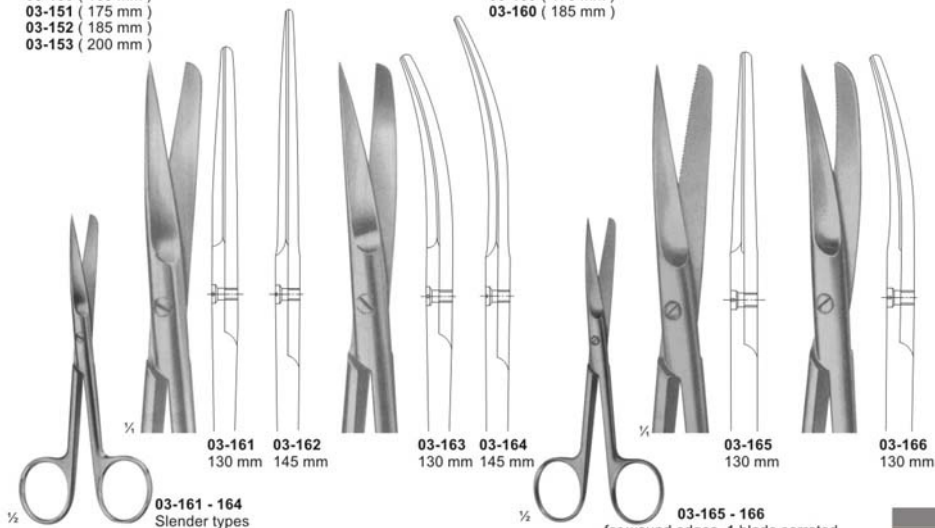
03-153
 Size: 200 mm



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

03-154
 Size: 115 mm

03-160
 Size: 185 mm



03-161 - 164
 Slender types

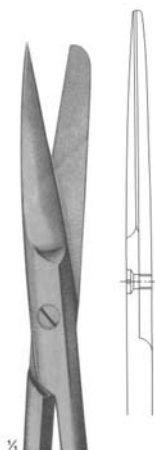
03-165 - 166
 for wound edges. 1 blade serrated

Surgical Scissors



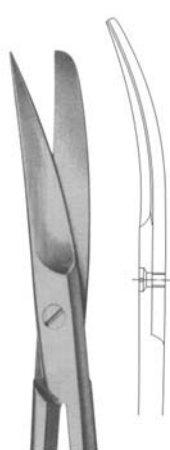
1/2

03-167 - 169
DEAVER
with flat lock

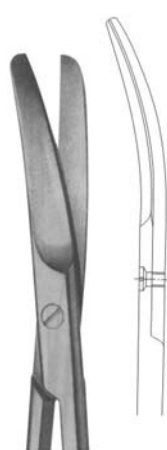


1/4

03-167
Size: 145 mm



03-168
Size: 145 mm



03-169
Size: 145 mm



1/2

03-170 - 172
Incision scissors



1/4

03-170
Size: 130 mm



03-171
Size: 145 mm



03-172
Size: 165 mm



1/2

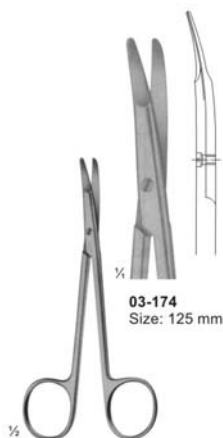
03-173
SYSTRUNK
Nail splitting scissors



1/4

03-173
Size: 130 mm

Dissecting Scissors



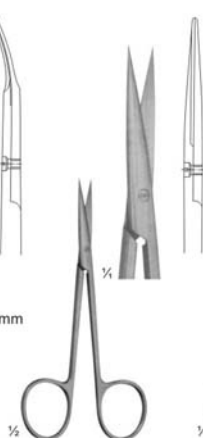
03-174

Size: 125 mm



03-175

Size: 150 mm



03-176

KILNER

Fine dissecting scissors

Size: 115 mm

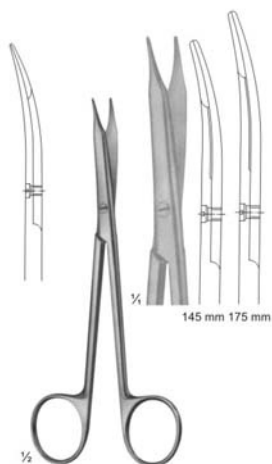


03-177

JAMESON

Dissecting scissors

Size: 150 mm

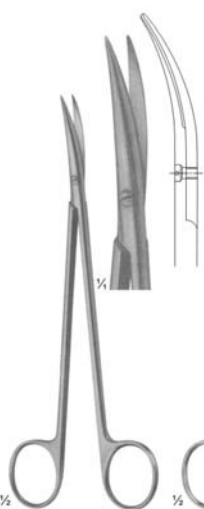


03-178

REYNOLDS

Dissecting scissors

Size: 145 - 175 mm

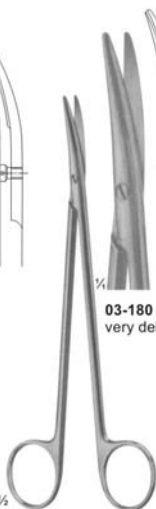


03-179

DE BAKEY

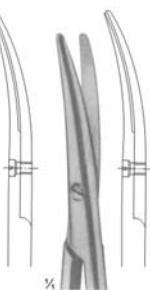
Arteriotomy scissors

Size: 175 mm



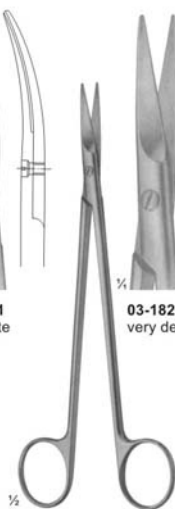
03-180

very delicate



03-181

delicate



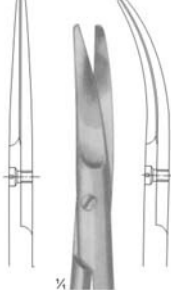
03-182

very delicate



03-183

delicate



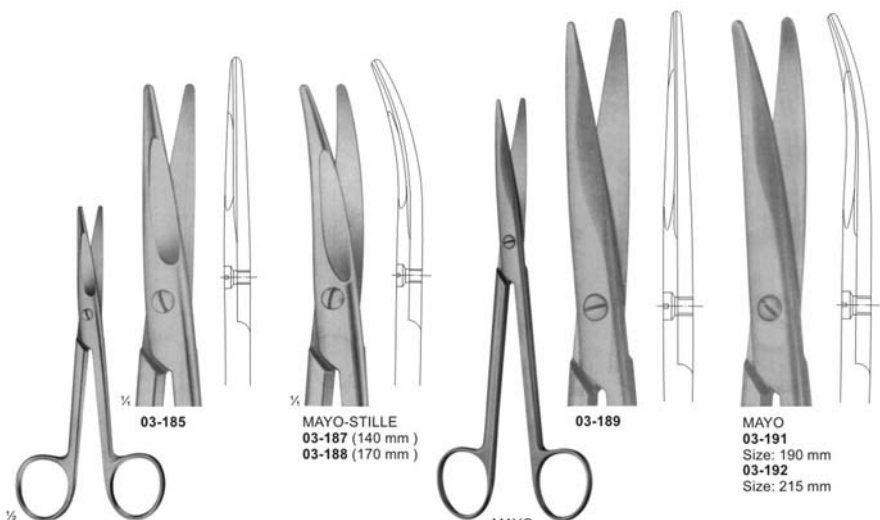
03-184

delicate

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

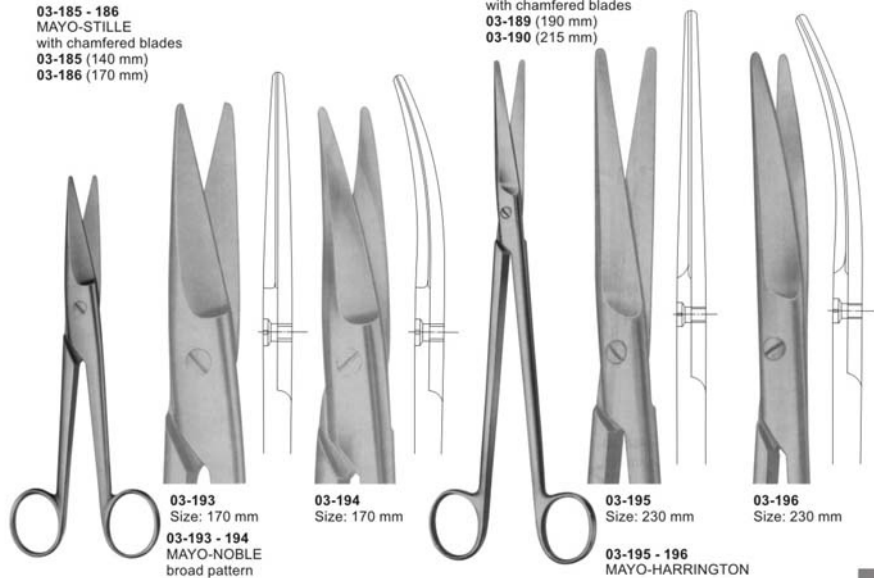
03-182 - 184
TOENNIS
Dissecting scissors
Size: 180 mm

Dissecting Scissors



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

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



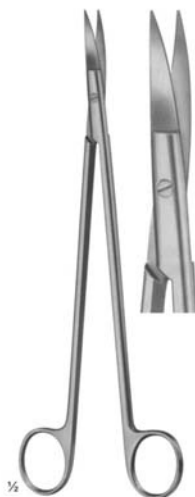
03-193 - 194
MAYO-NOBLE
broad pattern

03-195 - 196
MAYO-HARRINGTON

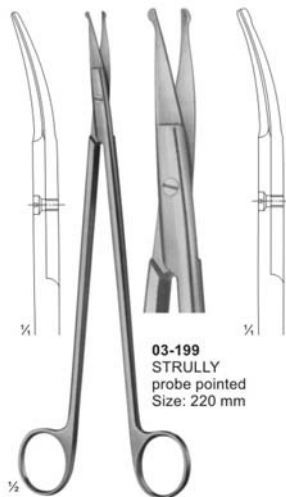
Scissors for Cardiovascular and Neuro-Surgery



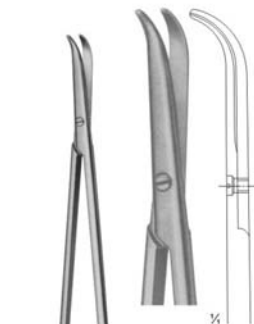
03-197
OLIVECRONA
Dura scissors



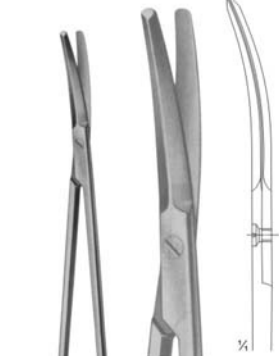
03-198
STRULLY
pointed
Size: 220 mm



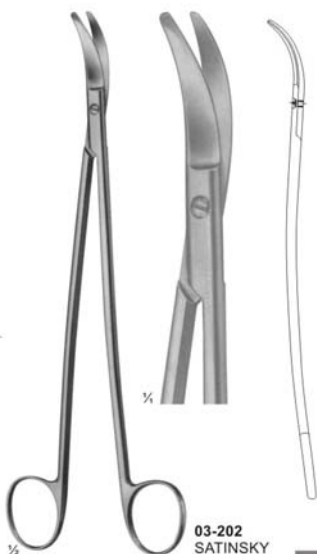
03-199
STRULLY
probe pointed
Size: 220 mm



03-200
THOREK
Size: 180 mm



03-201
POTTS-SMITH
Size: 190 mm



03-202
SATINSKY
Size: 245 mm

Delicate, Nasal and Tonsil Scissors

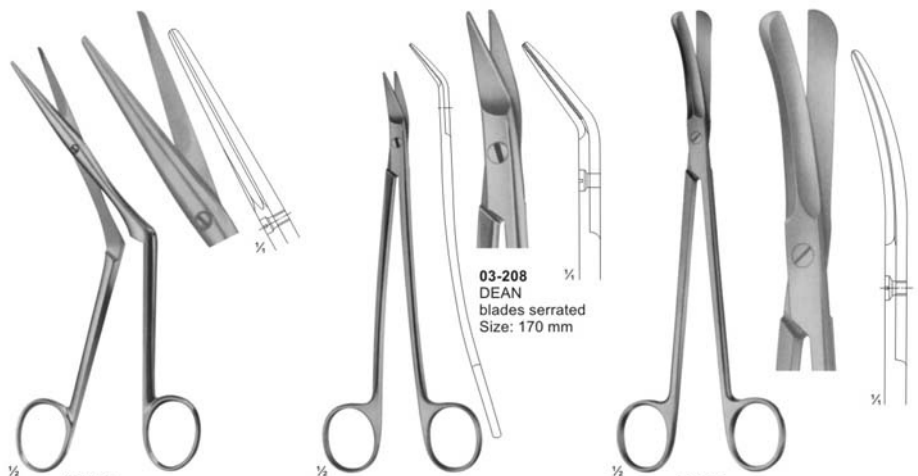


03-203
1 finely toothed blade
Size: 130 mm

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

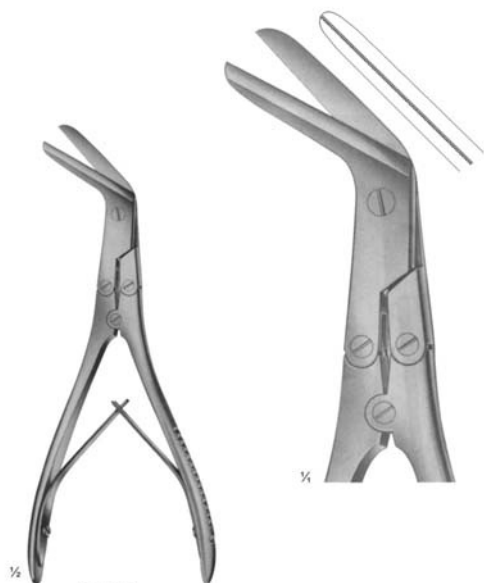


03-207
HEYMANN-KNIGHT
Size: 175 mm

03-208
DEAN
blades serrated
Size: 170 mm

03-209
GOOD
Size: 195 mm

Bone Shears



03-210
KILLIAN
Size: 200 mm



03-211 - 03-212



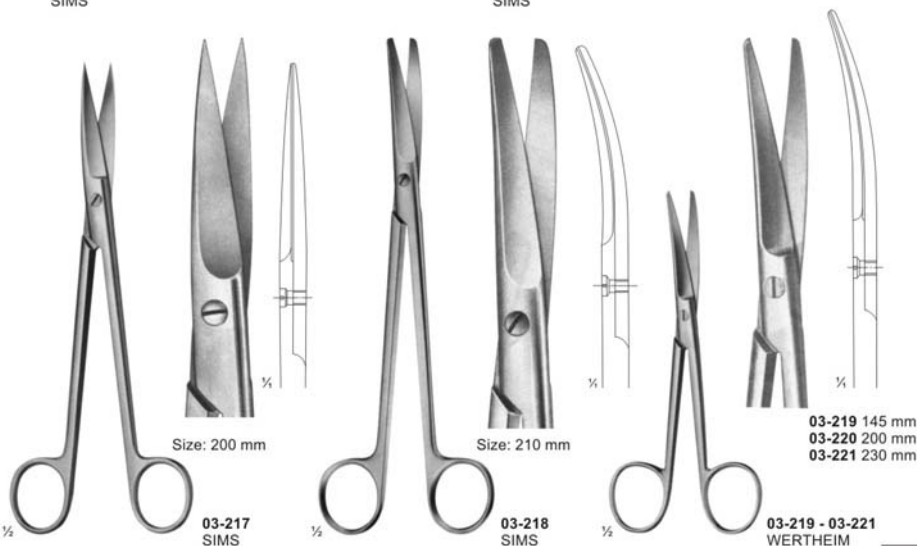
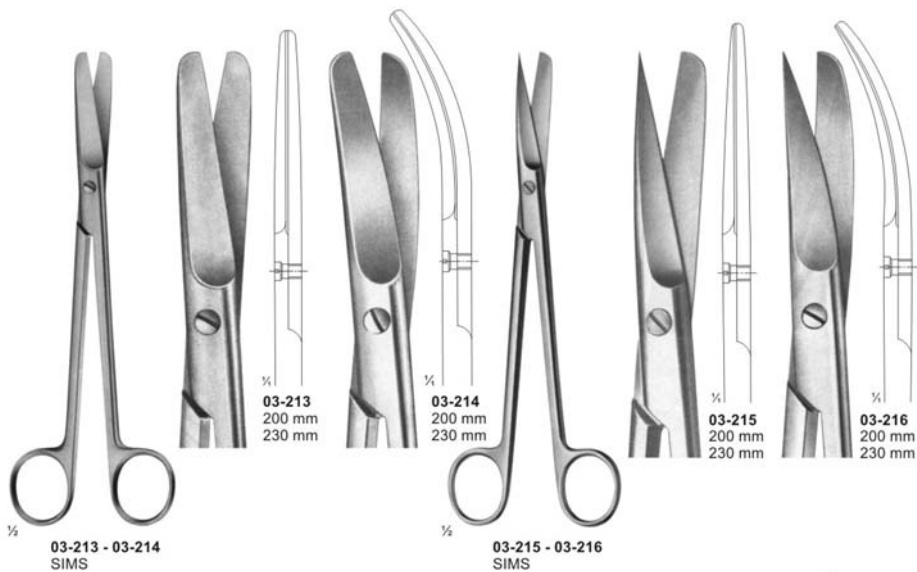
03-211
195 mm



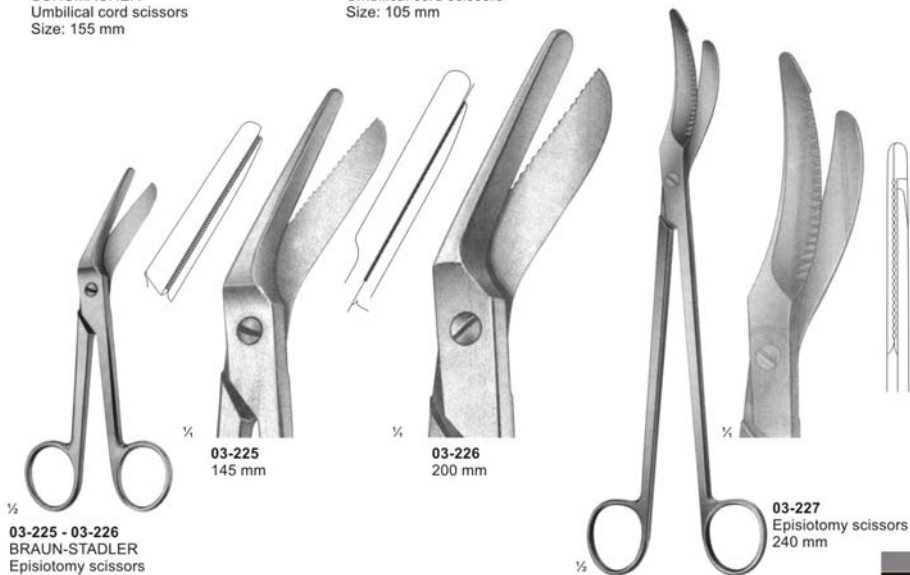
03-212
225 mm



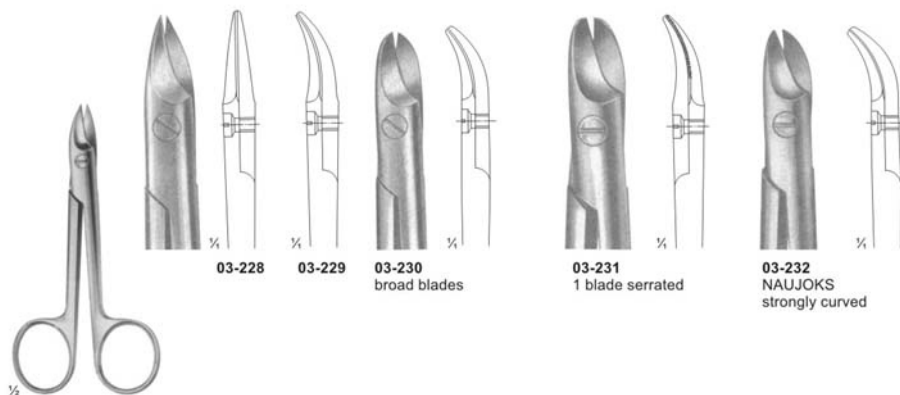
Scissors for deep operations and for Gynaecology



Scissors for Obstetrics



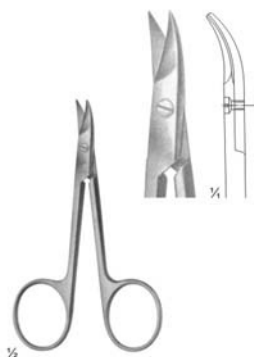
Wire and Plate Scissors



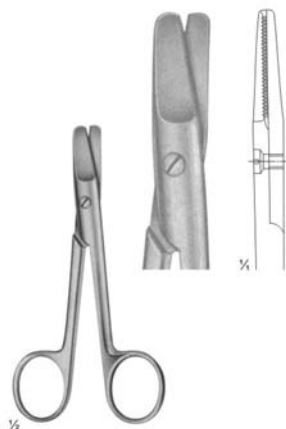
03-228 - 03-232
BEEBE
Size: 110 mm



03-233
1 blade serrated
Size: 120 mm



03-234
STRACK
Size: 100 mm



03-235
HARVEY
blades serrated
Size: 125 mm

Bandage and Cloth Scissors



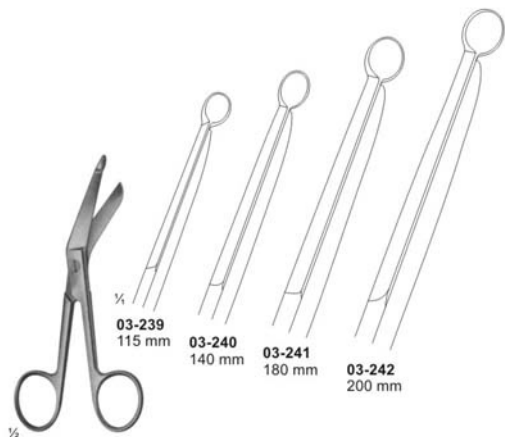
03-236
Universal bandage and cloth scissors,
with toothed edges
180 mm



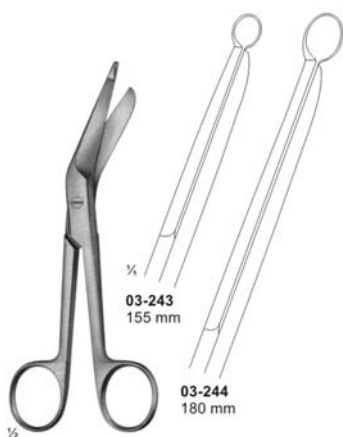
03-237
LISTER
Universal bandage and cloth scissors,
with toothed edges
Size: 145 mm



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



03-239 - 03-242
LISTER

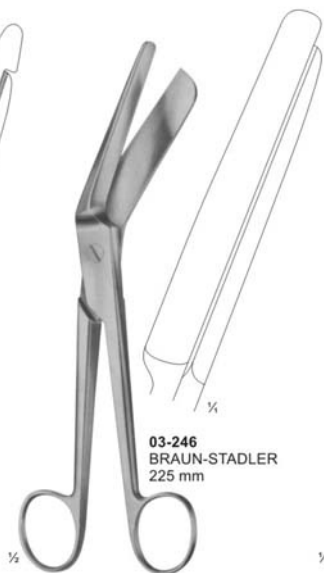


03-243 - 03-244
LISTER

Bandage-, Cloth-, and Plaster Scissors



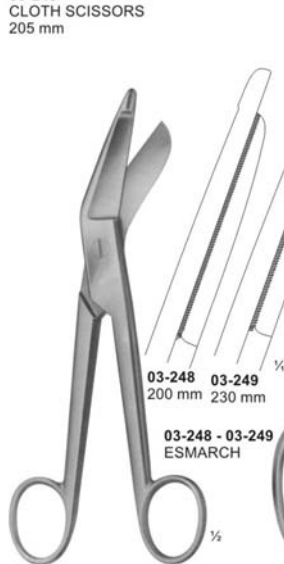
03-245
CLOTH SCISSORS
205 mm



03-246
BRAUN-STADLER
225 mm

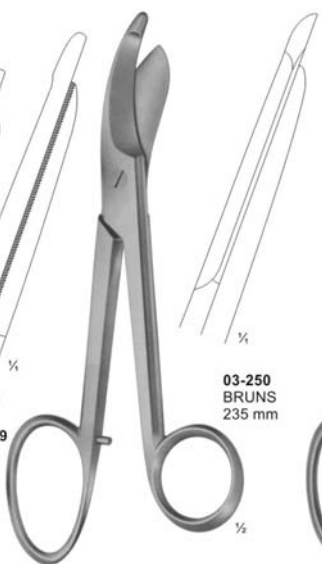


03-247
SEUTIN
230 mm

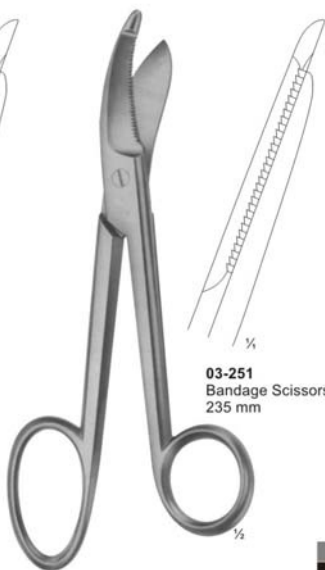


03-248 200 mm
03-249 230 mm

03-248 - 03-249
ESMARCH

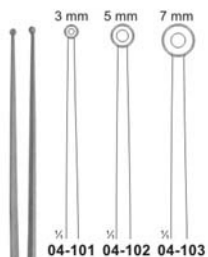


03-250
BRUNS
235 mm

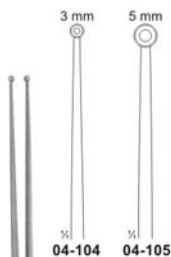


03-251
Bandage Scissors
235 mm

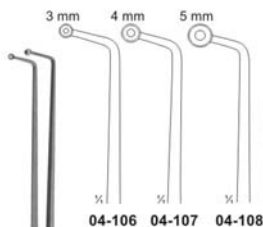
Forceps for grasping tissue, tumors etc.



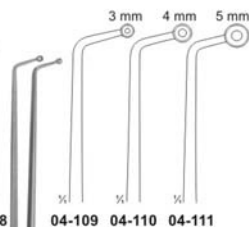
04-101 - 103
YASARGIL-SAMII
Jaws spoon-shaped
240 mm



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



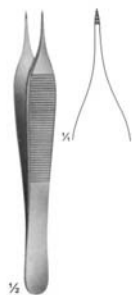
04-106 - 108
SAMII
Jaws spoon-shaped
230 mm



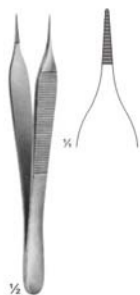
04-109 - 111
SAMII
Jaws spoon-shaped
230 mm



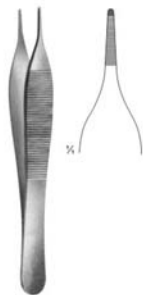
Delicate Dissecting, Microscopic, Sterilizing Forceps



04-115
THORPE
Corneal forceps
120 mm



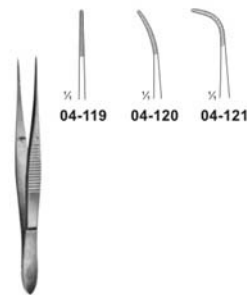
04-116
MICRO-ADSON
120 mm



04-117
ADSON
120 mm



04-118
MICRO-ADSON
150 mm



04-119 **04-120** **04-121**

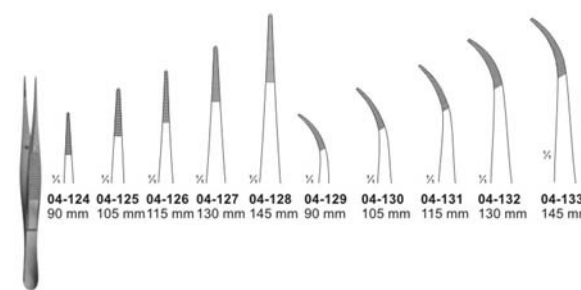
04-119 - 121
100 mm



04-122
BONACCOLTO
110 mm



04-123
115 mm



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

04-124 - 133



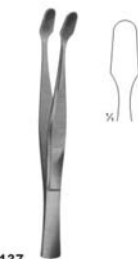
04-134
100 mm



04-135
100 mm



04-136
100 mm

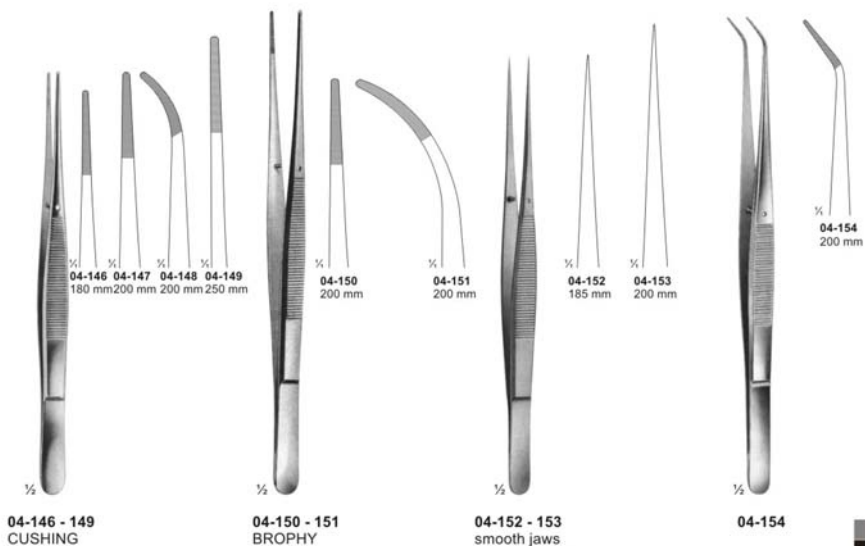
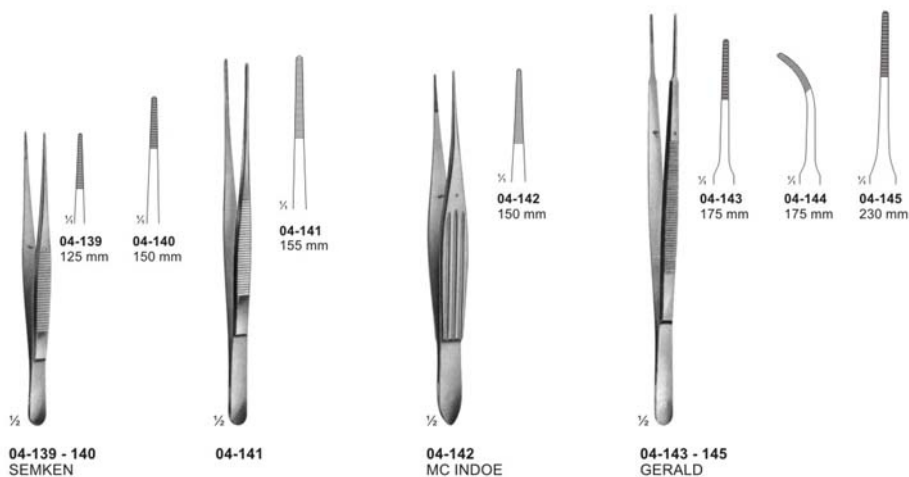


04-137
KUHNE
Cover glass forceps, 105 mm

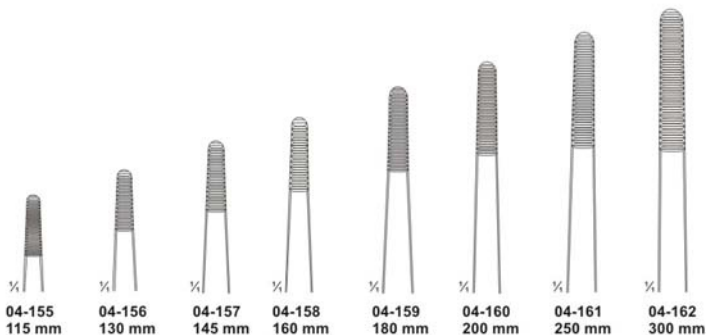


04-138
160 mm

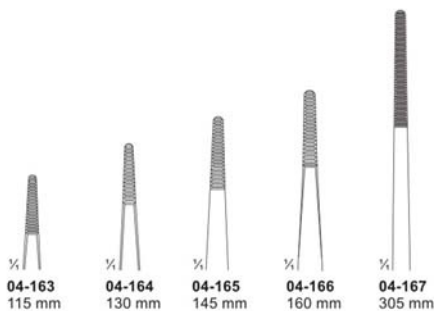
Delicate Dissecting Forceps



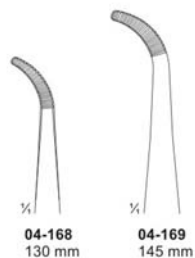
Dissecting Forceps



04-155 - 04-162
STANDARD

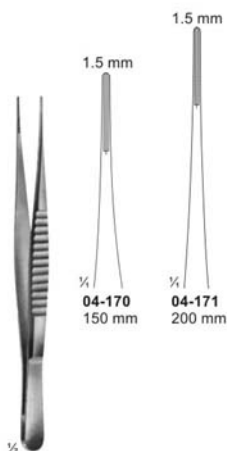


04-163 - 04-167
MEDIUM

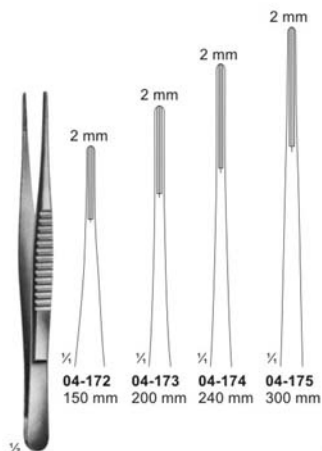


04-168 - 04-169
MEDIUM

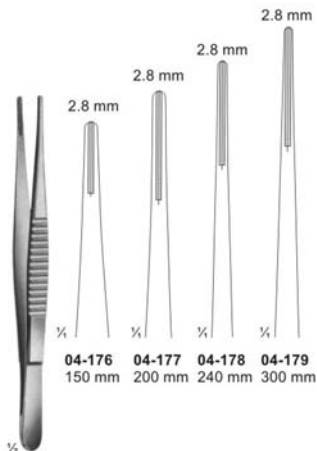
Forceps



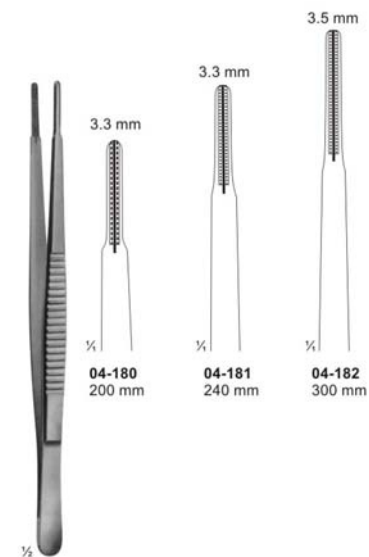
04-170 - 04-171
DE BAKEY



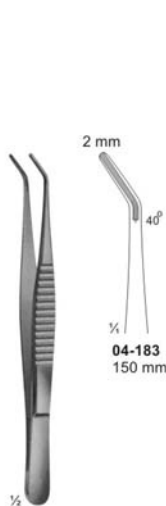
04-172 - 04-175
DE BAKEY



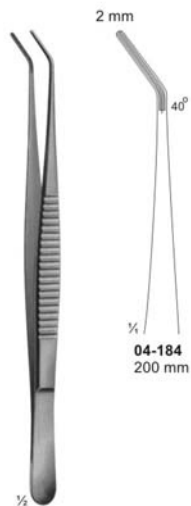
04-176 - 04-179
DE BAKEY



04-180 - 04-182
DE BAKEY



04-183
DE BAKEY

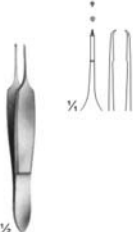


04-184
DE BAKEY

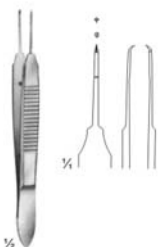
Delicate Tissue Forceps



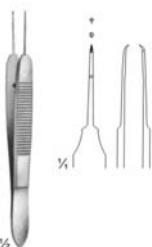
04-185
BISHOP-HARMON
85 mm



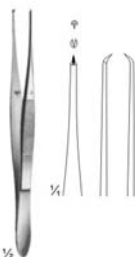
04-186
ST. MARTIN
80 mm



04-187
CASTROVIEJO
teeth 0.9 mm
100 mm



04-188
CASTROVIEJO
teeth 0.5 mm
100 mm



04-189
ELSCHING
110 mm



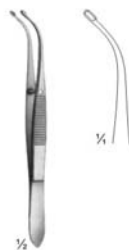
04-190
GILL
75 mm



04-191
GILL - HESS
75 mm



04-192
HESS
70 mm



04-193
ARRUGA
100 mm



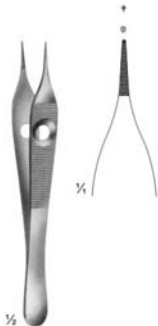
04-194
SEMKEN
125 mm 125 mm 150 mm
2 X 3 teeth



04-195
MICRO-ADSON
120 mm



04-196
ADSON
120 mm



04-197
ADSON
120 mm

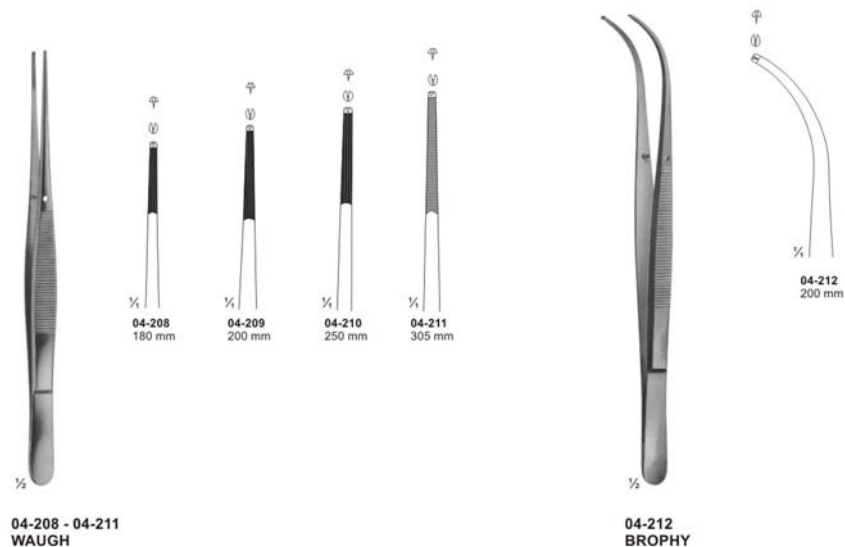
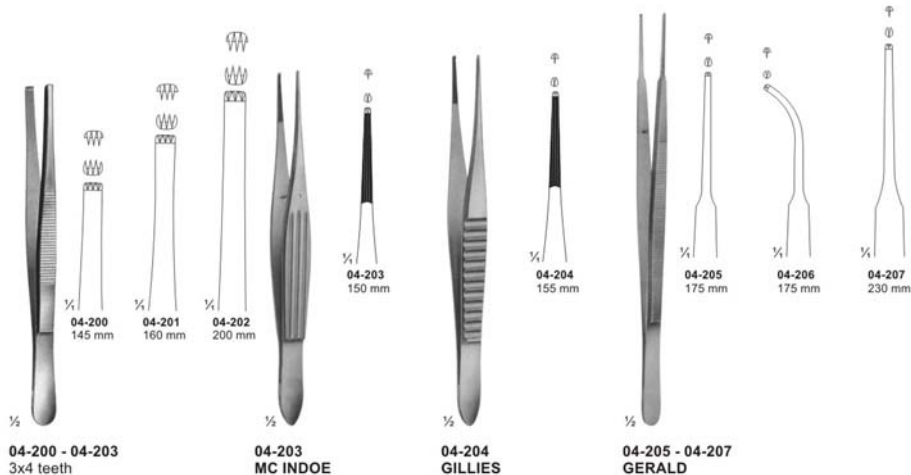


04-198
ADSON
120 mm



04-199
ADSON
150 mm

Tissue Forceps



Tissue Forceps



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



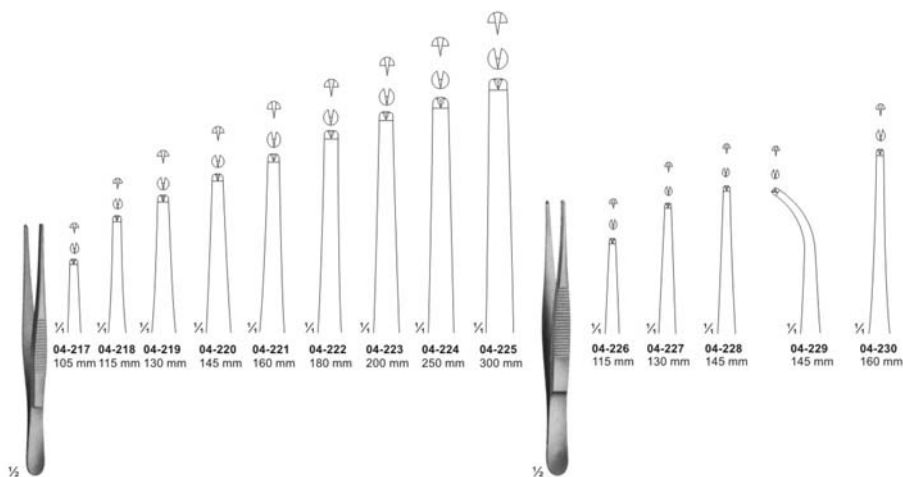
**04-214
BROWN**
120 mm



**04-215
GRAEFE**
110 mm



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



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

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

Forceps, Bayonet - Shaped



04-231
LUCAE
140 mm



04-232
LUCAE
1x2 teeth
140 mm



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



04-234
JANSEN
160 mm



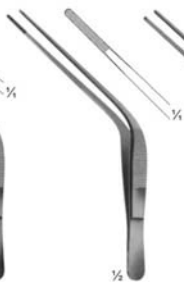
04-235
GRUENWALD
200 mm



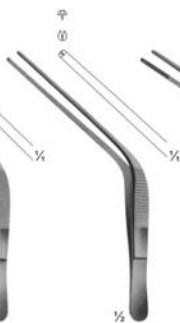
04-236
1x2 teeth
200 mm



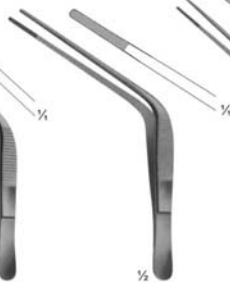
04-237
TROELTSCH
100 mm



04-238
TROELTSCH
115 mm



04-239
TROELTSCH
1X2 teeth
115 mm



04-240
WILDE
115 mm



04-241
TROELTSCH
Cross action
120 mm

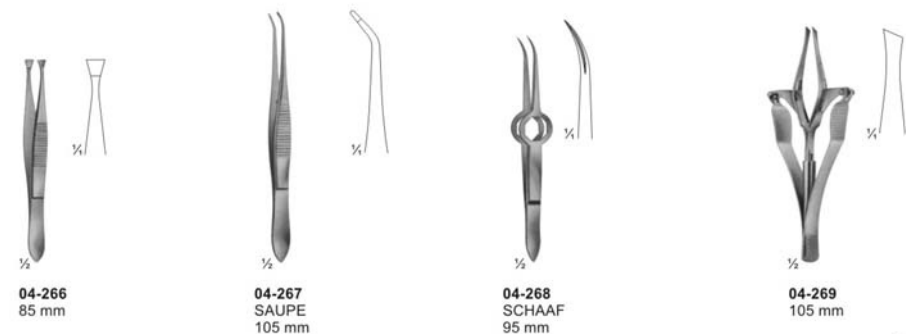
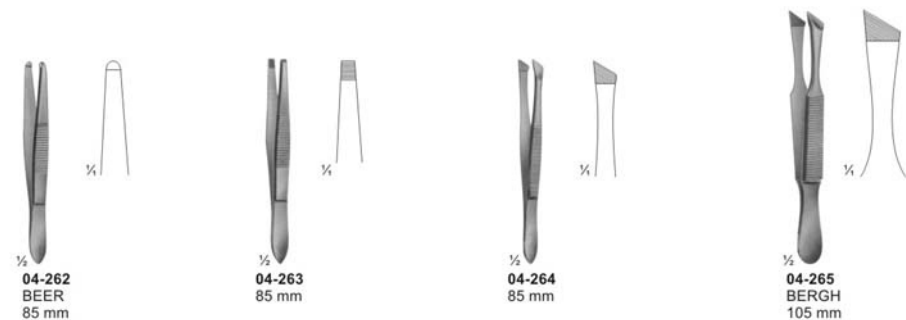


04-242
TROELTSCH
140 mm

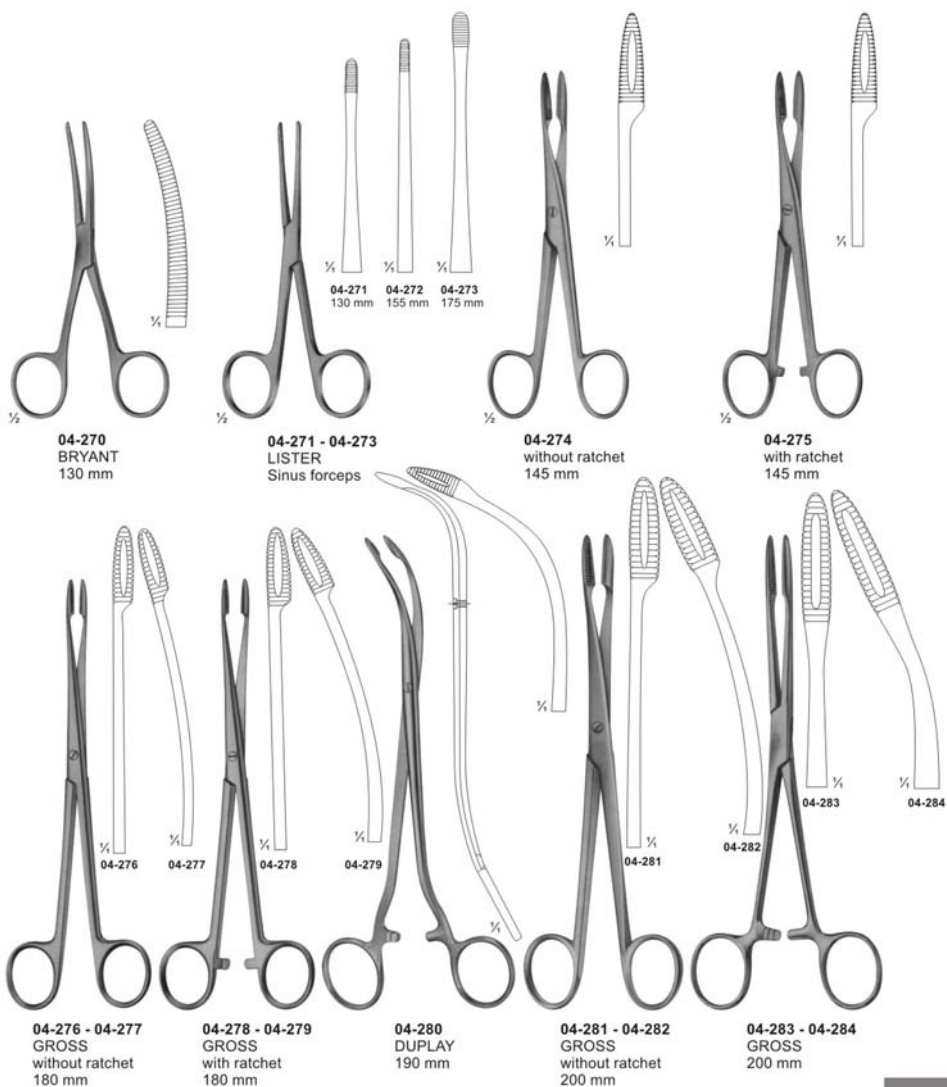
Tissue Forceps, Lung Dissecting Forceps



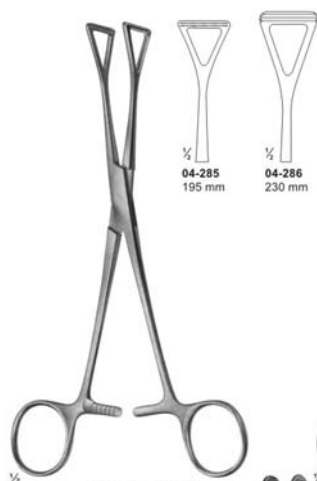
Splinter and Cilia Forceps



Sponge and Dressing Forceps



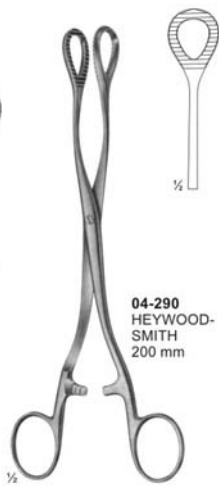
Dressing-, Sponge holding-, Organ- and Tissue Grasping Forceps



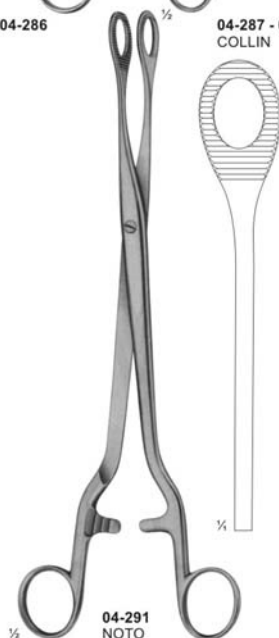
04-285 - 04-286
COLLIN



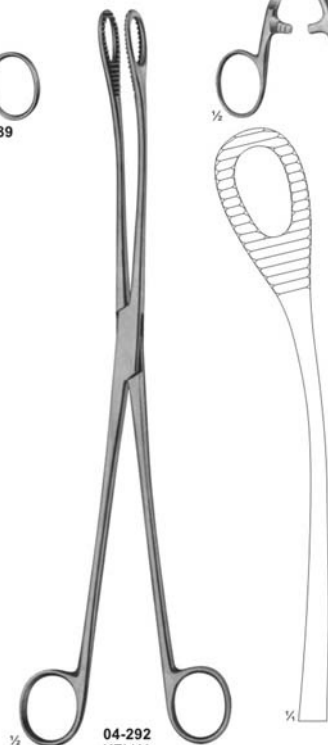
04-287 - 04-289
COLLIN



04-290
HEYWOOD-SMITH
200 mm

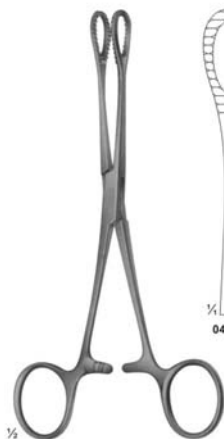


04-291
NOTO
280 mm



04-292
KELLY
320 mm

Dressing, Sponge holding, Organ and Tissue Grasping Forceps



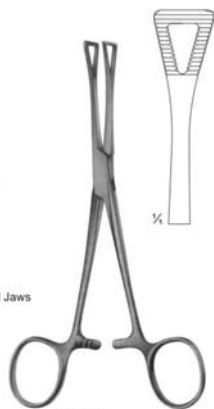
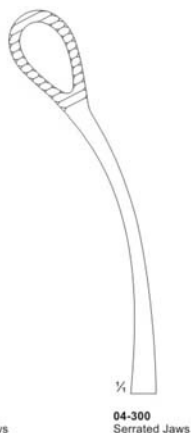
04-293 - 04-294
FOERSTER-BALLENGER
180 mm



04-295 - 04-296
RAMPLEY

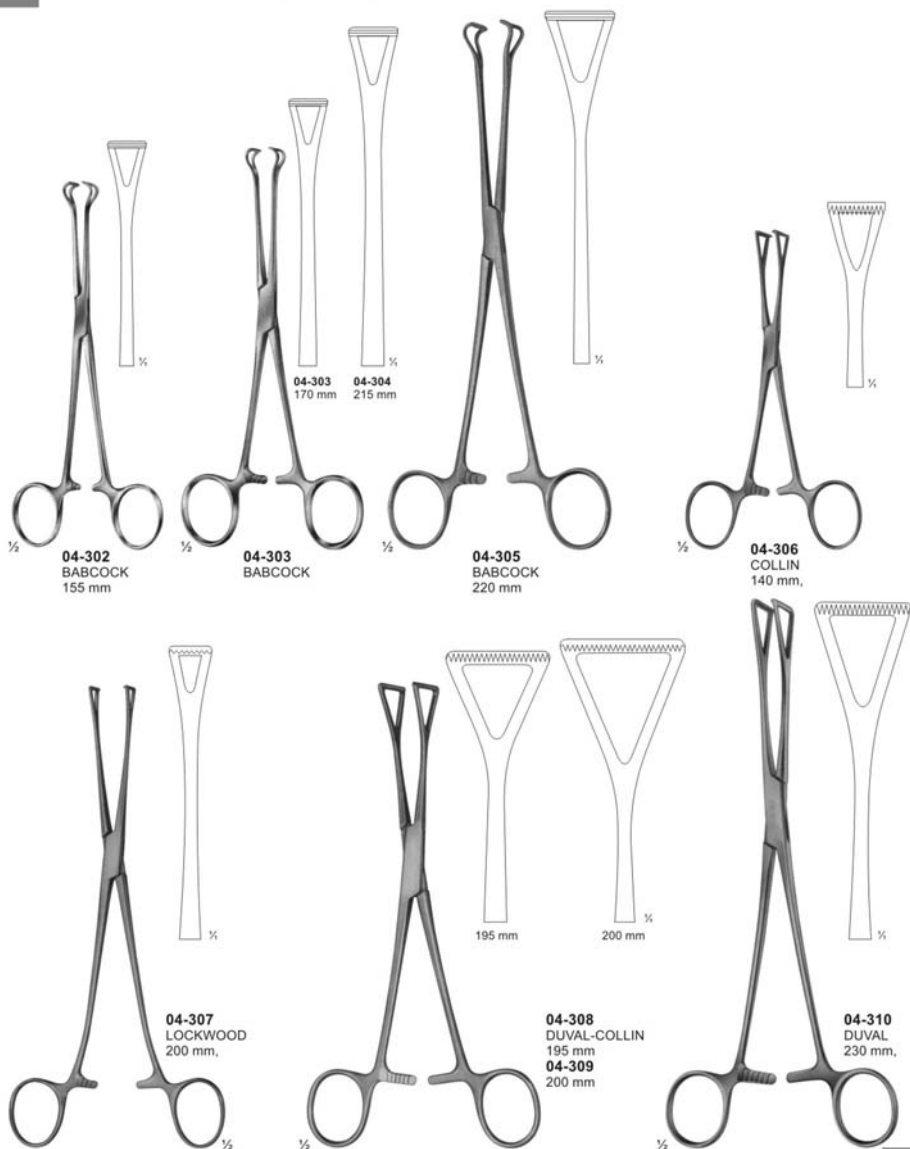


04-297 - 04-300
FOERSTER-BALLENGER
240 mm

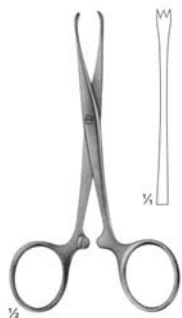


04-301
PENNINGTON
155 mm

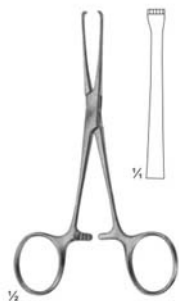
Intestinal Grasping Forceps



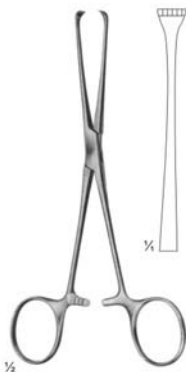
Artery Traction - and Tissue Grasping Forceps



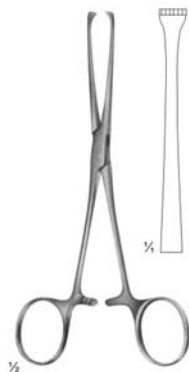
04-311
CHAPUT
 2 x 3 teeth
 125 mm



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



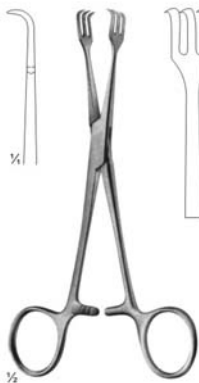
04-313
BOYS-ALLIS
 5 x 6 teeth sharp
 155 mm



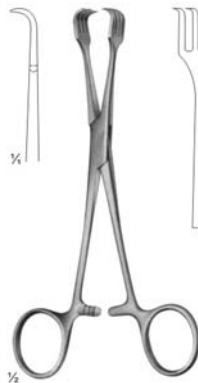
04-314
ALLIS
 5 x 6 teeth
 155 mm



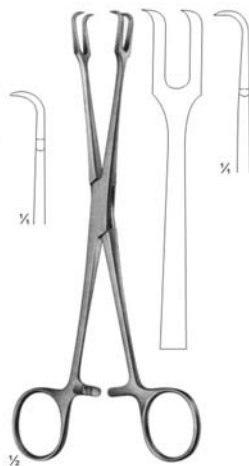
04-315
LAHEY
 155 mm



04-316
LAHEY
 155 mm



04-317
BRAUN
 155 mm



04-318
MUSEUX
 200 mm

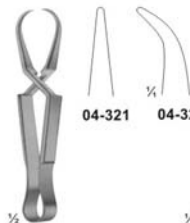
Towel Clamps



04-319
JONES
85 mm



04-320
ENGL. MOD.
85 mm



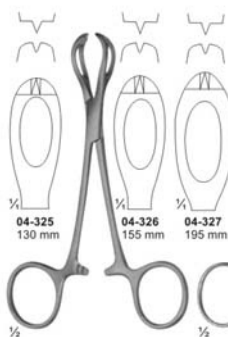
04-321 - 04-322
SCHAEDEL
85 mm



04-323
DOYEN
110 mm



04-324
DOYEN
180 mm

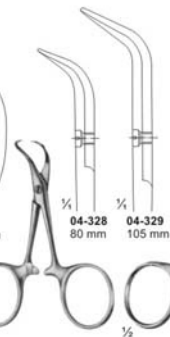


04-325
130 mm

04-326
155 mm

04-327
195 mm

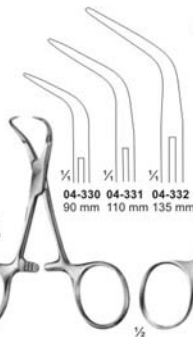
04-325 - 04-327
LANE



04-328
80 mm

04-329
105 mm

04-328 - 04-329
BACKHAUS



04-330
90 mm

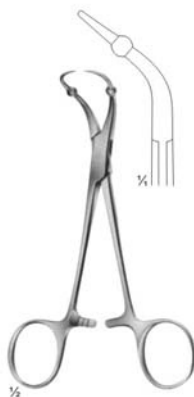
04-331
110 mm

04-332
135 mm

04-330 - 04-332
BACKHAUS



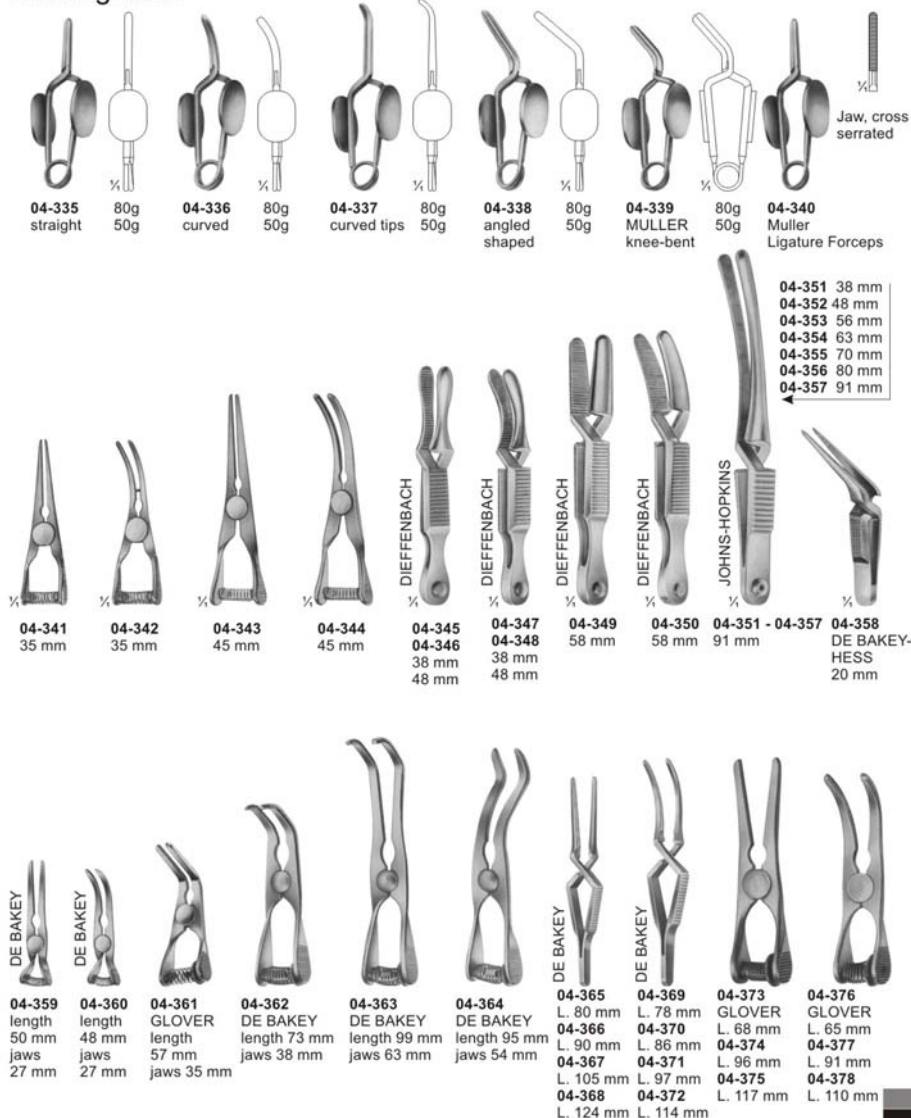
04-333
BACKHAUS-KOCHER
135 mm



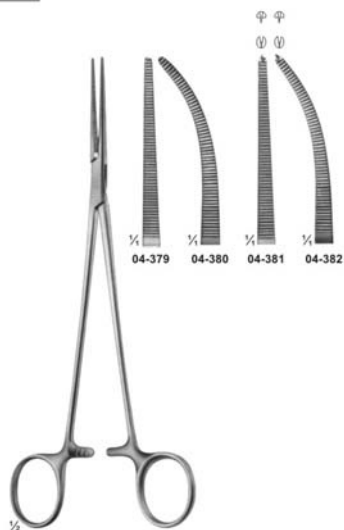
04-334
ROEDER
135 mm

Muller Vessel Clips and Bulldog Clamps

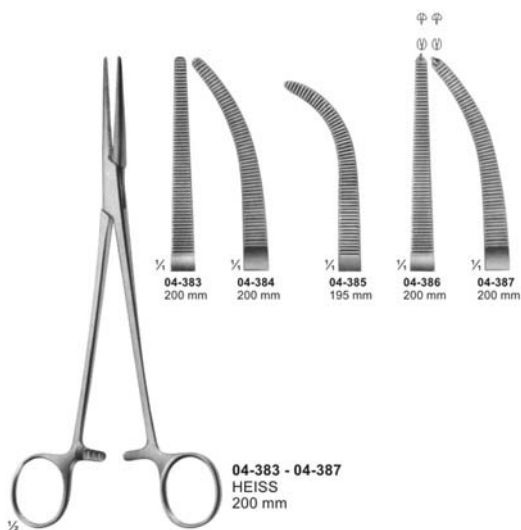
Closing force



Delicate Haemostatic Forceps



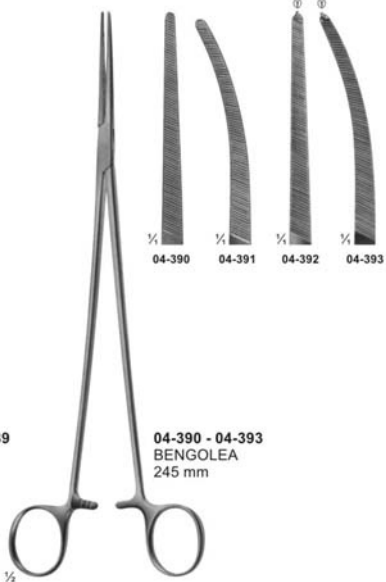
04-379 - 04-382
HALSTED-MOSQUITO
200 mm



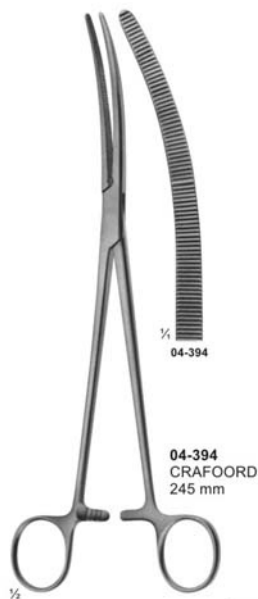
04-383 - 04-387
HEISS
200 mm



04-388 - 04-389
HALSTED
215 mm



04-390 - 04-393
BENGOLEA
245 mm



04-394
CRAFOORD
245 mm

Delicate Haemostatic Forceps



04-395
CARREL
85 mm



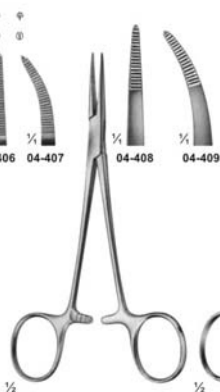
04-396 - 04-399
BABY-MOSQUITO
(HARTMANN)
100 mm



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



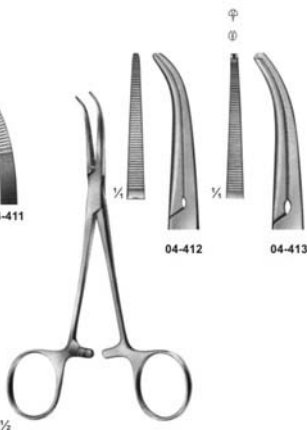
04-404 - 04-407
HALSTED-MOSQUITO
125 mm



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

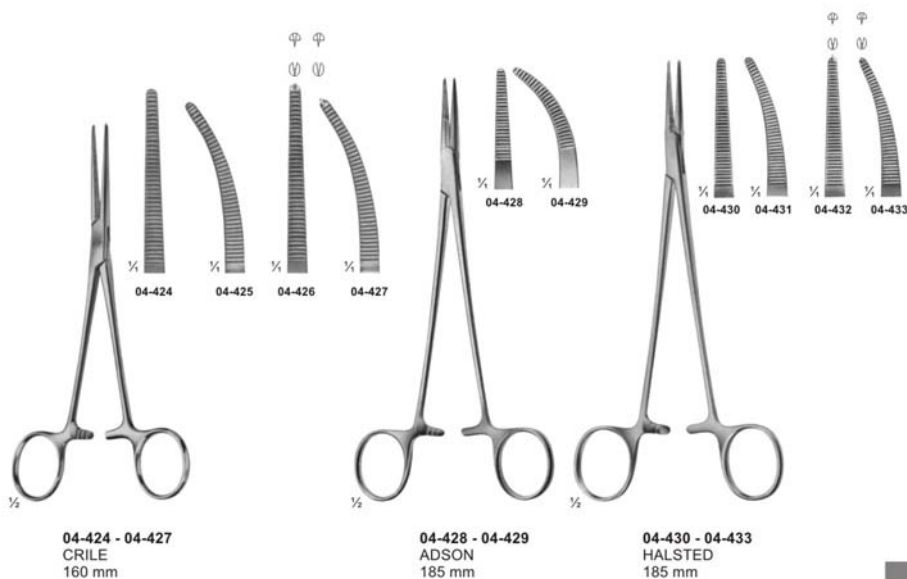
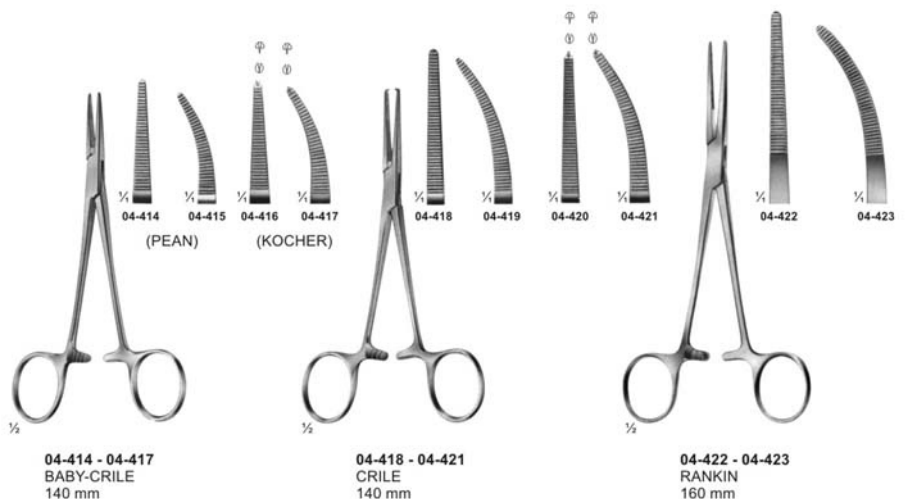


04-410 - 04-411
KELLY
140 mm



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

Delicate Haemostatic Forceps



Haemostatic Forceps

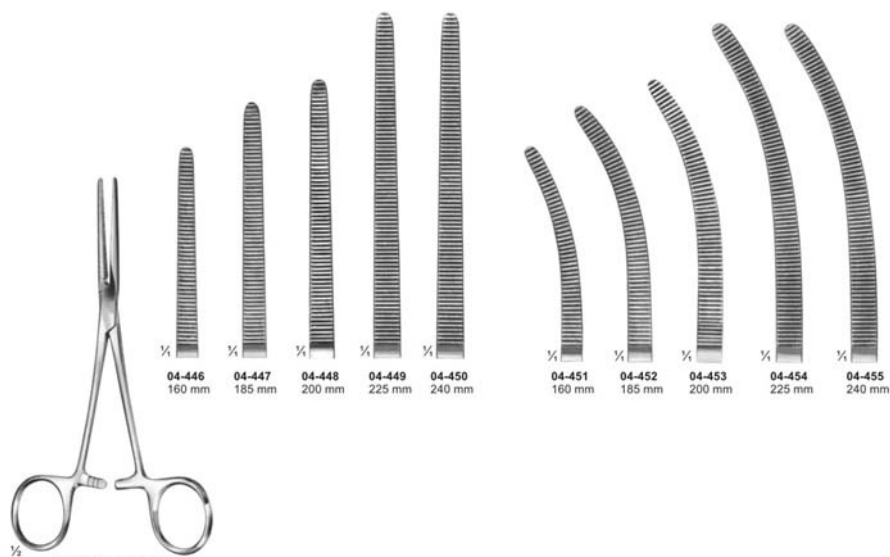


04-434 130 mm
04-435 140 mm
04-436 130 mm
04-437 140 mm

04-438 130 mm
04-439 150 mm
04-440 175 mm
04-441 200 mm
04-442 130 mm
04-443 150 mm
04-444 175 mm
04-445 200 mm

04-434 - 04-437
PEAN
Slender type

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



04-446 160 mm
04-447 185 mm
04-448 200 mm
04-449 225 mm
04-450 240 mm

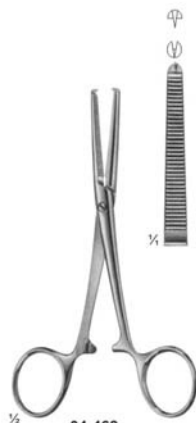
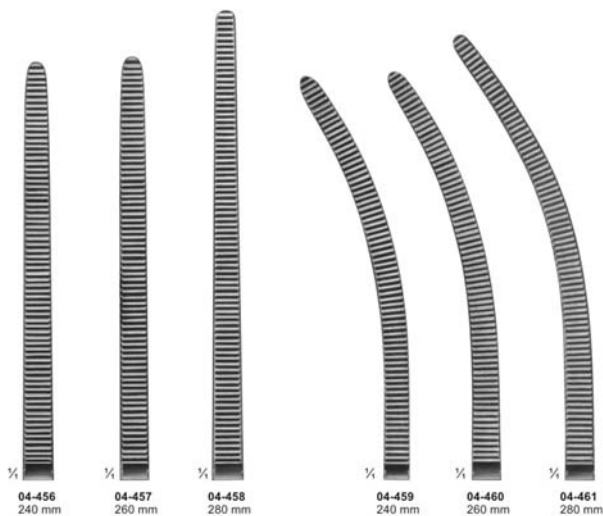
04-451 160 mm
04-452 185 mm
04-453 200 mm
04-454 225 mm
04-455 240 mm

04-446 - 04-455
ROCHESTER-PEAN

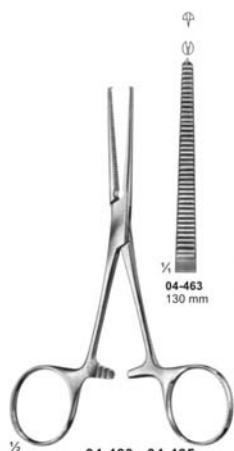
Haemostatic Forceps



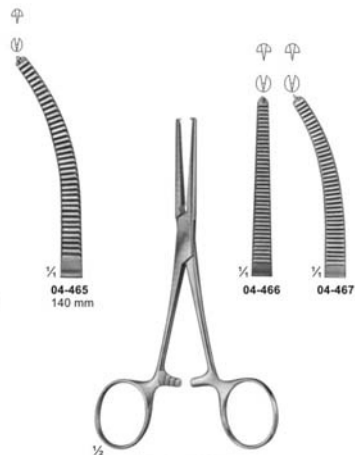
04-456 - 04-461
PEAN



04-462
KOCHER
Strong Pattern
145 mm

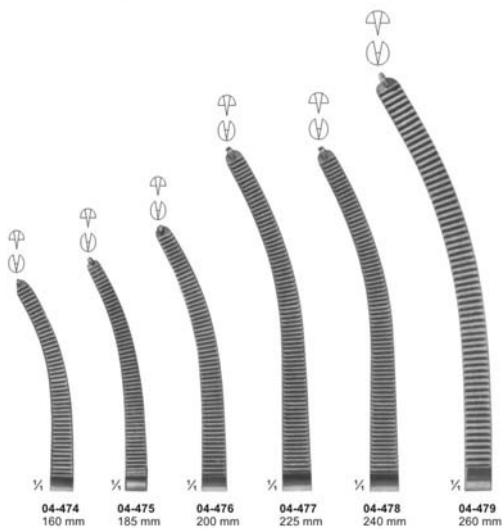
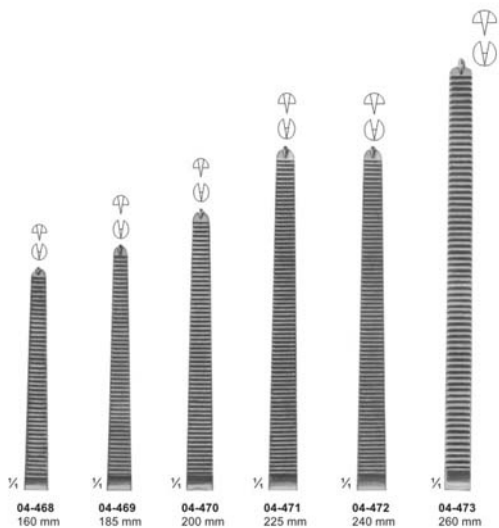


04-463 - 04-465
KOCHER

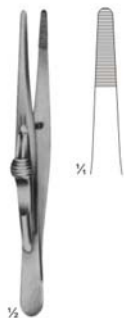


04-466 - 04-467
ROCHESTER-OGHSNER
140 mm

Haemostatic Forceps



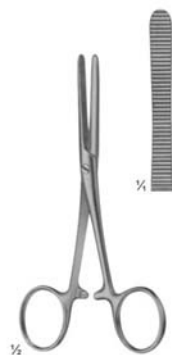
Haemostatic Forceps



04-480
FRICKE
Artery forceps
130 mm



04-481
KRONLEIN
130 mm



04-482
PEAN
125 mm



04-483 - 04-484
PEAN

04-483
125 mm



04-484
140 mm



04-485
PEAN
125 mm

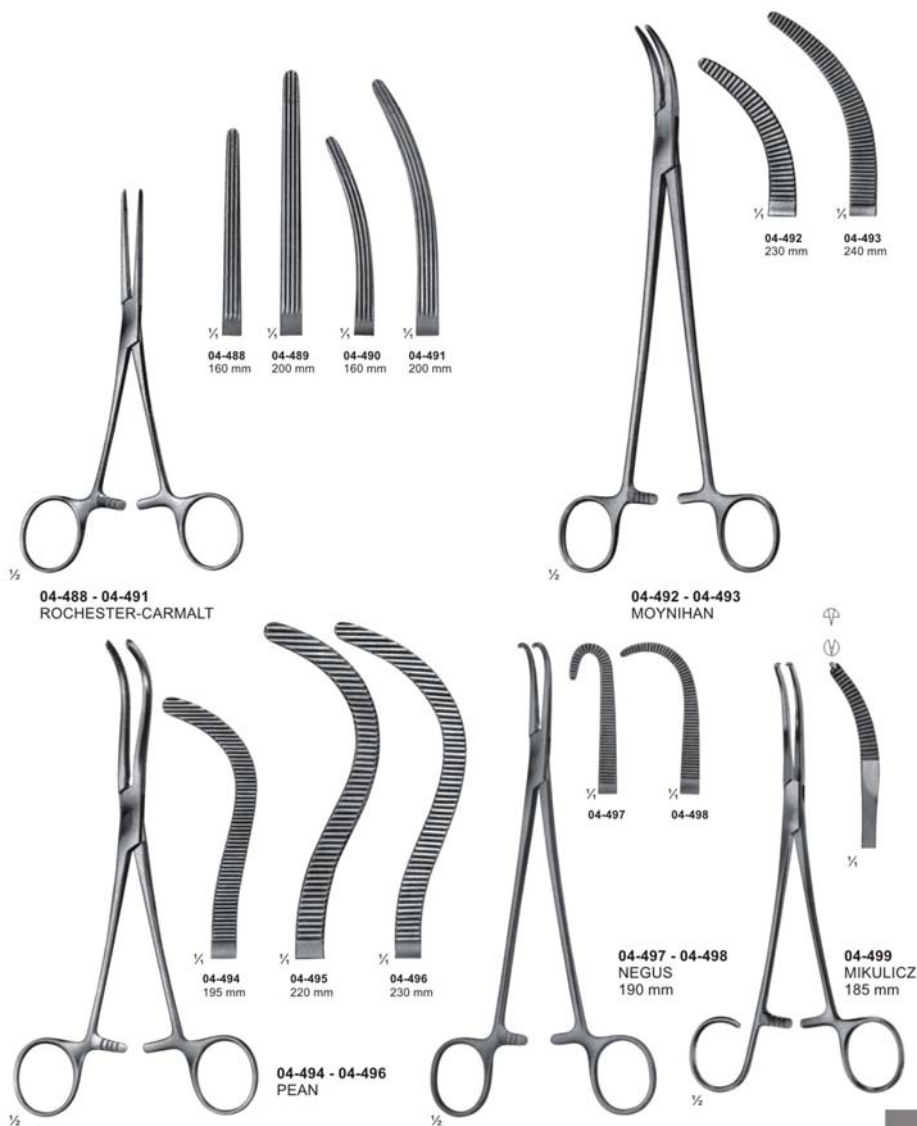


04-486 - 04-487
PEAN

04-486
165 mm

04-487
185 mm

Haemostatic Forceps, Special Pattern, Tonsil Forceps



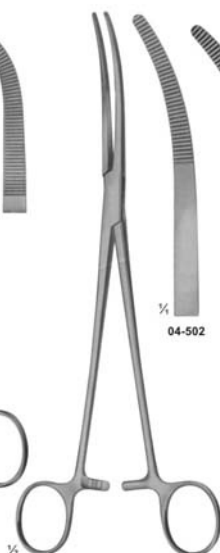
Dissecting- and Ligature Forceps



04-500
MIXTER-O'SHAUGHNESSY
190 mm



04-501
HEISS
195 mm



04-502 - 04-506
RUMEL
240 mm



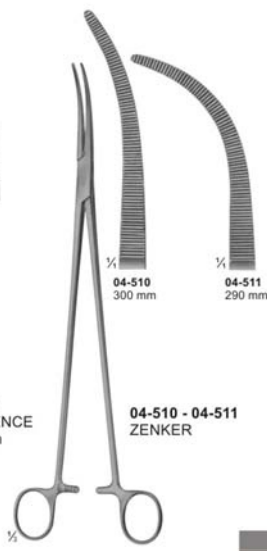
04-507
FINOCCHETTO
245 mm



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



1/4



04-513
WERTHEIM
Parametrium clamp
260 mm



1/4



04-514 - 04-516
DICK



1/4

04-514
255 mm

04-515
265 mm

04-516
275 mm

Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



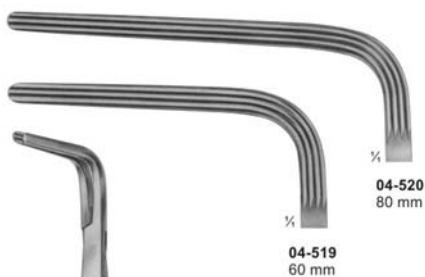
04-517
WERTHEIM
250 mm

1/2



04-518
WERTHEIM-CULLEN
215 mm

1/2



04-520
80 mm

04-519
60 mm

1/2

1/2

04-519 - 04-520
230 mm

Needle Holders for micro surgery



05-101
ROHRSCHEIDER
with copper inserts
100 mm



05-102
KALT
with catch
135 mm



05-103
ARRUGA
with catch
135 mm



05-104 - 105
CASTROVIEJO
with catch
145 mm



05-106 - 107
without Catch
160 mm



05-108 - 109
without catch
185 mm



05-110 - 111
JACOBSON
185 mm



05-112
without catch
195 mm



05-113 - 114
YASARGIL
with catch
200 mm

Needle Holders

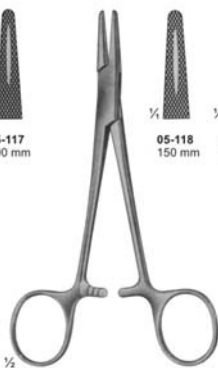


05-115
150 mm

05-116
180 mm

05-117
200 mm

05-115 - 117
MAYO-HEGAR
medium fine patterns



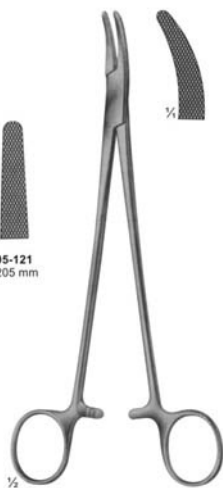
05-118
150 mm

05-119
175 mm

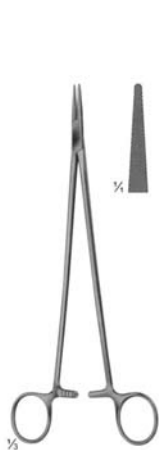
05-120
205 mm

05-121
205 mm

05-118 - 121
HEGAR
heavy patterns



05-122
HEANEY (HEGAR)
200 mm



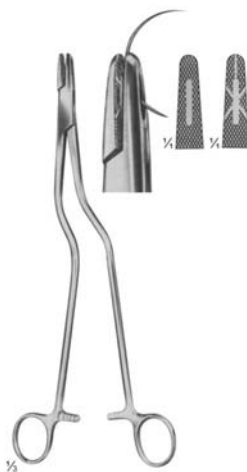
05-123
JAMESON
230 mm



05-124
WANGENSTEEN
275 mm

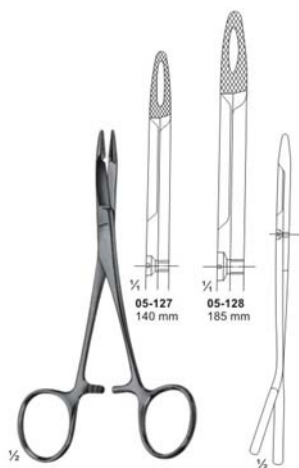


05-125
MASSON
265 mm



05-126
MASSON-LUETHY
255 mm

Needle Holders



05-127 - 128
HEGAR-OLSEN
255 mm



05-129
GILLIES
150 mm

05-130
GILLIES
160 mm



05-131
EISELSBERG
115 mm



05-132
SCHOEMAKER-LOTH
125 mm

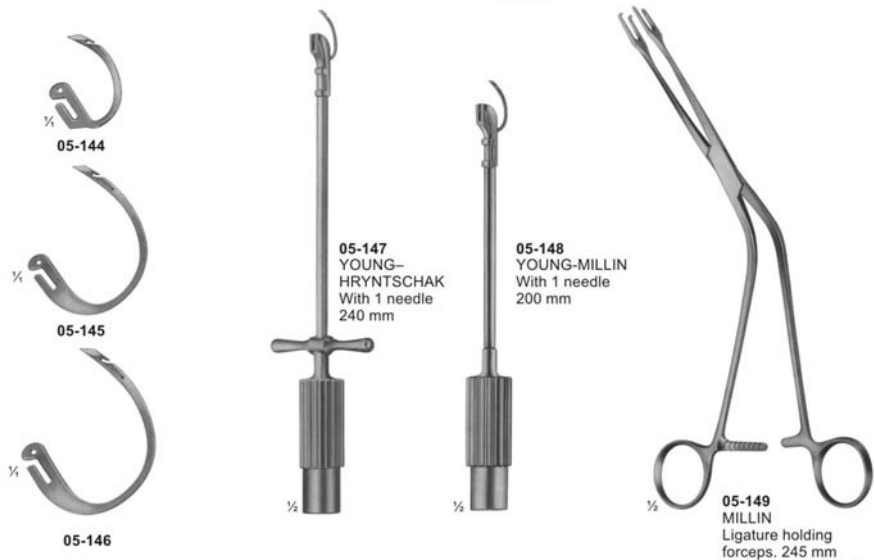
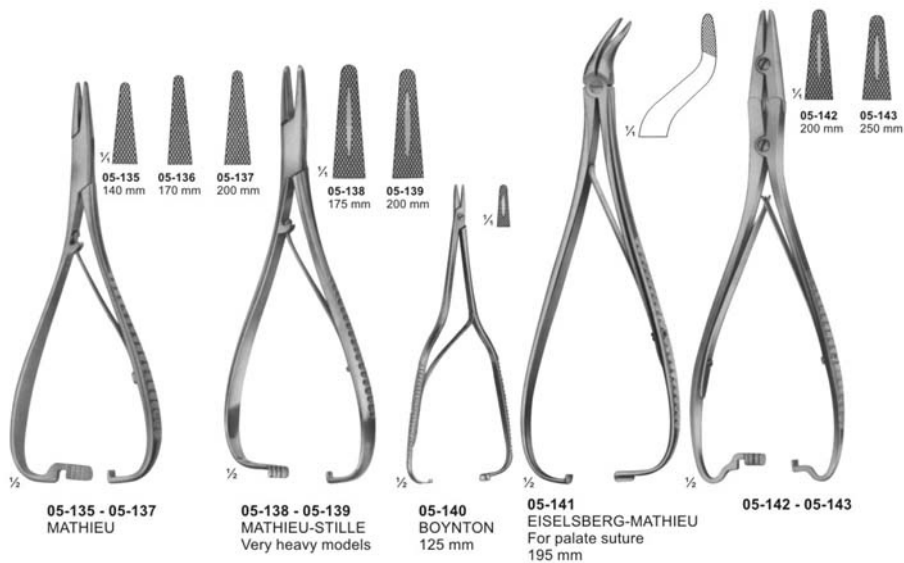


05-133
CRILE
150 mm

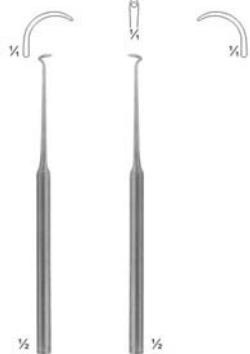


05-134
TOENNIS
Elastic pattern for dura-or
intestinal suture. 180 mm

Needle Holders



Suture Instruments - Reverdin Needles



05-150
KRONECKER
for right hand
blunt
155 mm

05-151
KRONECKER
for left hand
blunt
155 mm



05-152
DESCHAMPS
for right hand
steep turn
blunt
225 mm



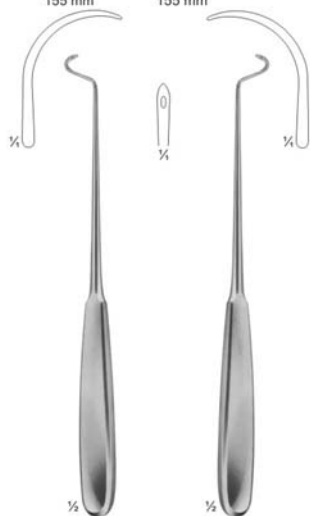
05-153
DESCHAMPS
for left hand
steep turn
blunt
225 mm



05-154
DESCHAMPS
for right hand
steep turn blunt
225 mm



05-155
DESCHAMPS
for left hand
steep turn blunt
225 mm



05-156
DESCHAMPS
for right hand
steep turn blunt
230 mm

05-157
DESCHAMPS
for left hand
steep turn blunt
230 mm



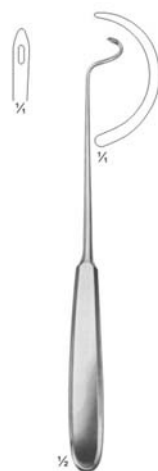
05-158
DESCHAMPS
for right hand
blunt
215 mm



05-159
DESCHAMPS
for left hand
blunt
215 mm



05-160
DESCHAMPS
for right hand
blunt
210 mm



05-161
DESCHAMPS
for left hand
blunt. 210 mm

Probes



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



05-165
DOYEN
 145 mm
 Directors



05-166
NELATON
 160 mm
 Directors



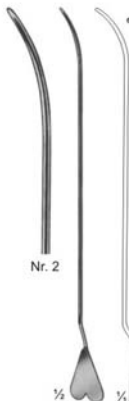
05-167
 Director with tip
 Diam. Of tip 3,3 mm
 140 mm



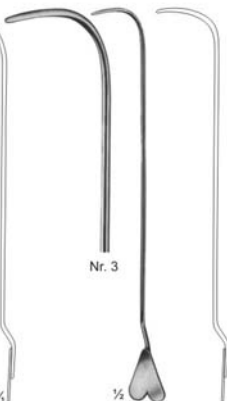
05-168
BRODIE
 Director with tip,
 Diam. Of tip 3,5 mm
 200 mm



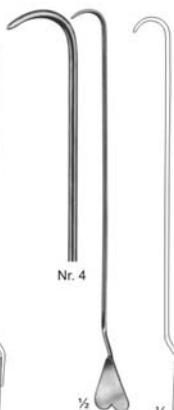
05-169
LOCKHART-MUMMERY
 165 mm



05-170
LOCKHART-MUMMERY
 165 mm



05-171
LOCKHART-MUMMERY
 165 mm



05-172
LOCKHART-MUMMERY
 165 mm



05-173
 Director with wire
 loop, malleable
 190 mm

Probes

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



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

1,5 mm



05-177
Myrtle leaf probe
145 mm

2,0 mm



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



05-183
Probes



05-184
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
Double ended probes,
tin, malleable,
diam. of tips 4 mm
400 mm



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

Suturing Instrument Set, Pocket Instrument Set



05-190

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



05-191

Pocket instrument set, in metal case consisting of:

Bottom tray

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

Top tray

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



05-192

Pocket instrument set, in metal case consisting of:

Bottom tray

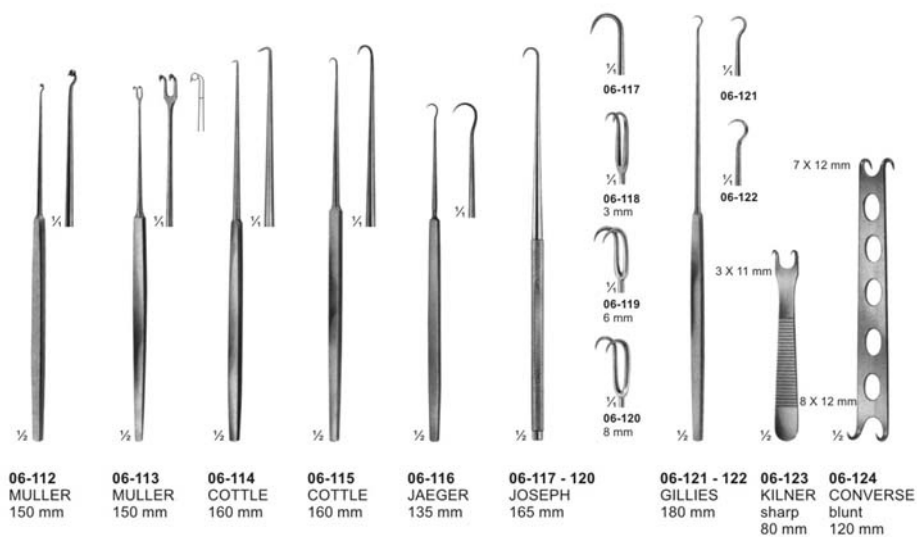
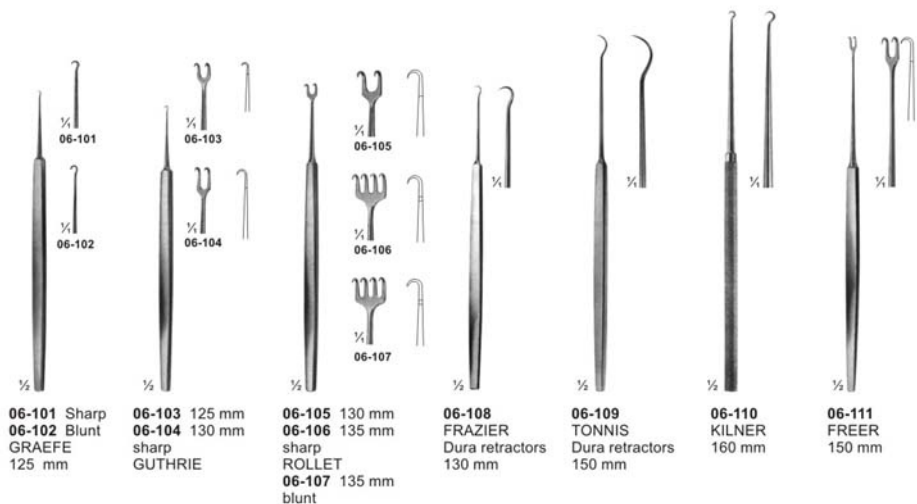
1 MAYO-HEGER needle holder, 150mm
1 MICHEL clip forceps, combined
1 Myrtle leaf probe, 130mm
1 Sharp double curette
1 Skin hook
1 Detachable scalpel handle, no. 4
1 Perforated metal case, consisting
6 Scalpel blades
1 Perforated metal case, stainless, consisting:
1 Suture needle
1 item, & 1 item

Top tray

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



Fine Wound Retractors (Dura- and Skin Retractors)



Retractors With treangle handle



06-125
MANNERFELT modif.
sharp
135 mm



06-126
MANNERFELT modif.
sharp
155 mm



06-127
MANNERFELT modif.
sharp
155 mm



06-128 - 130
MANNERFELT modif.
small curve, sharp
155 mm



06-131 - 133
MANNERFELT modif.
large curve, blunt
155 mm



06-128



06-129



06-130



06-131



06-132



06-133



06-134 - 137
LANGENBECK-
MANNERFELT modif.
155 mm

06-134
15 x 6 mm

06-135
20 x 6 mm

06-136
25 x 6 mm

06-137
30 x 8 mm



06-138 - 140
MANNERFELT modif.
Saddle hooks,
155 mm



06-138
12 x 12 mm



06-139
12 x 14 mm



06-140
14 x 16 mm



06-141
MANNERFELT modif.
Saddle hooks, fenestrated
155 mm



12 x 12 mm



1/4

Retractors



06-142
MASING
140 mm



06-143
COTTLE
140 mm



06-144 - 148
DESMARRES
140 mm



06-145
9 x 12 mm



06-146
11 x 14 mm



06-147
12 x 16 mm



06-148
13 x 18 mm



06-149
13 x 13 mm



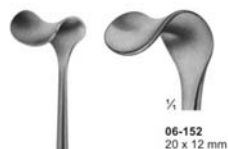
06-150
12 x 16 mm



10 x 10 mm

06-149 - 150
KONIG
180 mm

06-151
CUSHING-KOCHER
175 mm



06-152
20 x 12 mm



06-153
20 x 15 mm

06-152 - 153
KOCHER
205 mm



13 x 6 mm

06-154
SCHOENBORN
200 mm



06-155
10 x 13 mm



06-156
14 x 18 mm

06-155 - 156
CUSHING
205 mm



20 x 15 mm

06-157
205 mm



06-158
11 x 14 mm



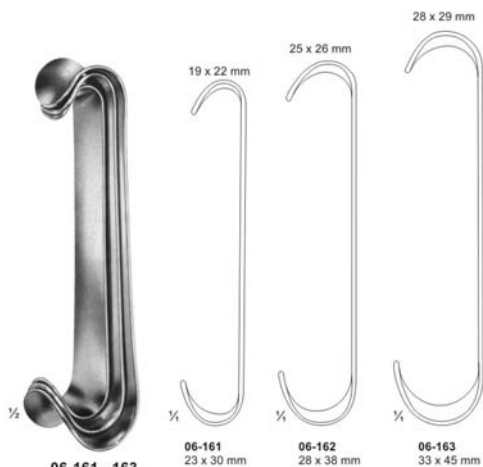
06-159
13 x 18 mm



06-160
15 x 22 mm

06-158 - 160
CUSHING
250 mm

Retractors



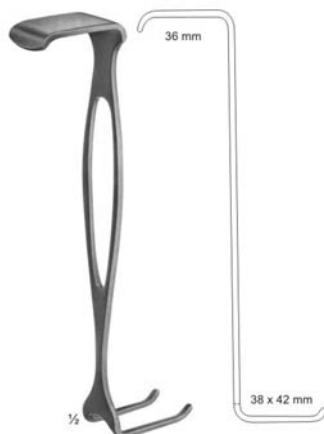
06-161 - 163
ROUX
Set
165 mm



06-164 - 165
ROUX

06-164
25 x 29 mm
150 mm

06-165
30 x 38 mm
160 mm



06-166
CZERNY
175 mm

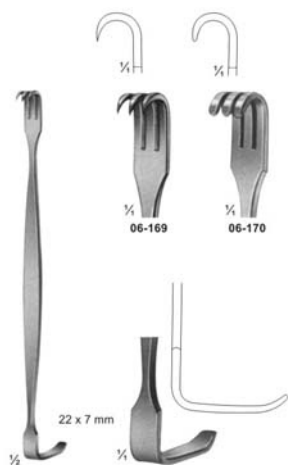


06-167
MATHIEU
200 mm

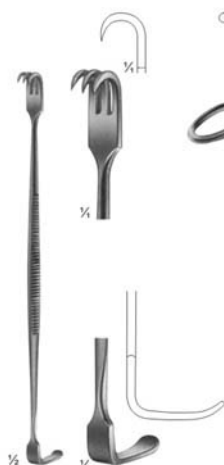


06-168
US-ARMY
220 mm

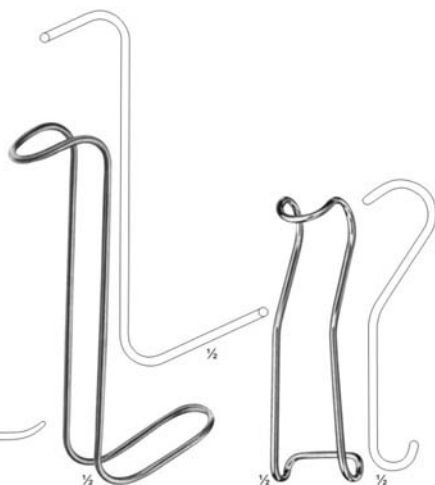
Retractors



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

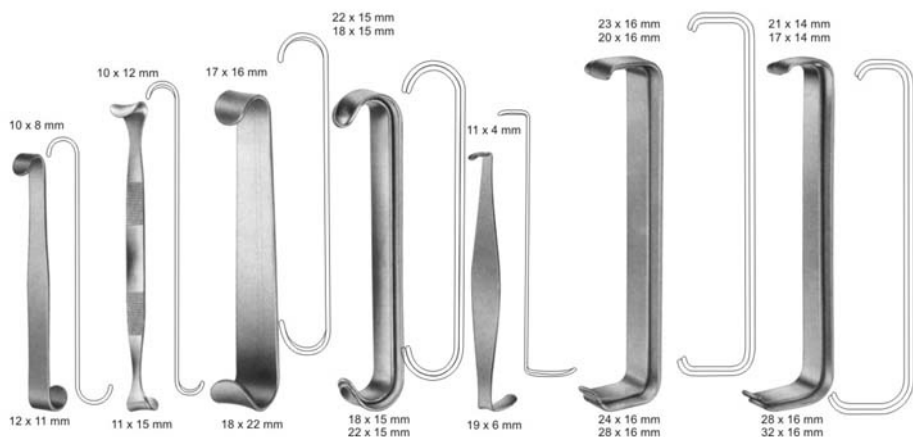


06-171
SENN-MILLER
165 mm



06-172
COLLIN-HARTMANN
150 mm

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



06-177
LUER
110 mm

06-178
ROSE
130 mm

06-179
BABY-ROUX
135 mm

06-180
PARKER
135 mm

06-181
CRILE
110 mm

06-182
FARABEUF
150 mm

06-183
COLLIN
150 mm

Bone Retractors and Retractors



06-184
KOCHER
sharp
205 mm



06-185
KOCHER
sharp
220 mm



06-186
KOCHER
sharp
220 mm



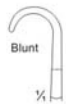
06-187
VOLKMANN
blunt
220 mm



06-188
VOLKMANN
sharp
220 mm



06-189 - 06-196
VOLKMANN
225 mm



06-189
9 x 8 mm



06-190
9 x 13 mm



06-191
9 x 19 mm



06-192
9 x 29 mm



06-193
8,5 x 8 mm



06-194
8,5 x 13 mm



06-195
8,5 x 19 mm



06-196
8,5 x 29 mm

Retractors



06-197 - 06-199
MIDDELDORPF



06-197
15 x 15 mm
220 mm



06-198
20 x 22 mm
215 mm



06-199
28 x 28 mm
235 mm



1/4



1/4



1/4



06-200
BUCHS
205 mm

38 x 18 mm



67 x 17 mm

06-201
CASPAR
210 mm

1/4



36 x 20 mm

06-202
KOCHER
230 mm

1/4

Retractors, Vario Retractor System



06-203-06-209

BRUNNER

275 mm

06-203 80 x 20

06-204 100 x 25

06-205 120 x 25

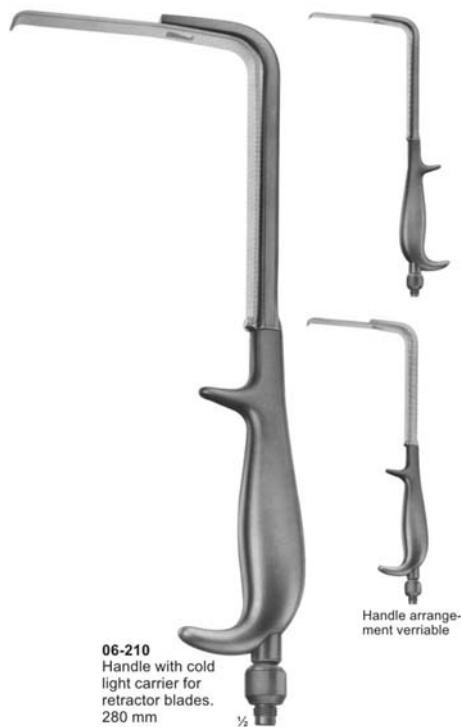
06-206 130 x 30

06-207 140 x 30

06-208 160 x 30

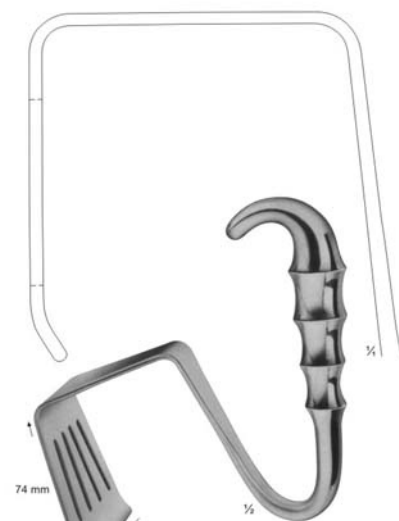
06-209 180 x 30

1/4



Handle arrangement verriable

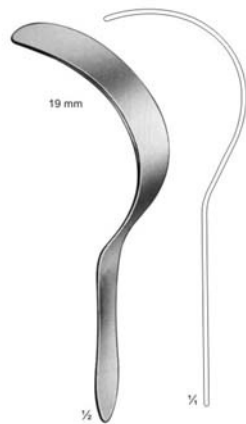
Retractors, Lung Spatulas



06-211
DAVIDSON
Scapula retractor
195 mm



06-212
ZENKER
240 mm



06-213
DEAVER
180 mm
Fig. 000



06-214
DEAVER
215 mm
Fig. 00

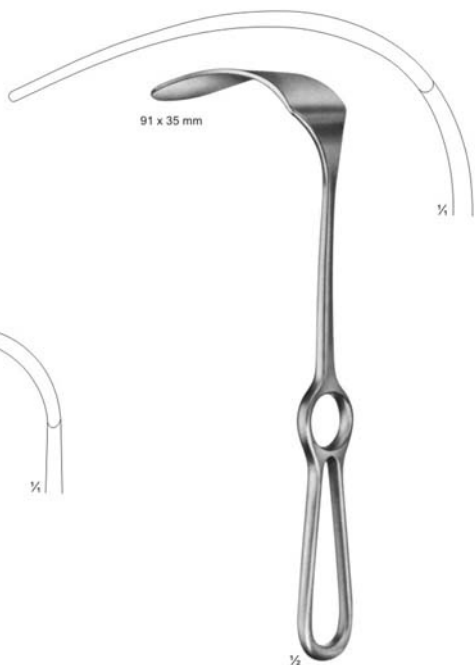


06-215
DEAVER
235 mm
Fig. 0

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

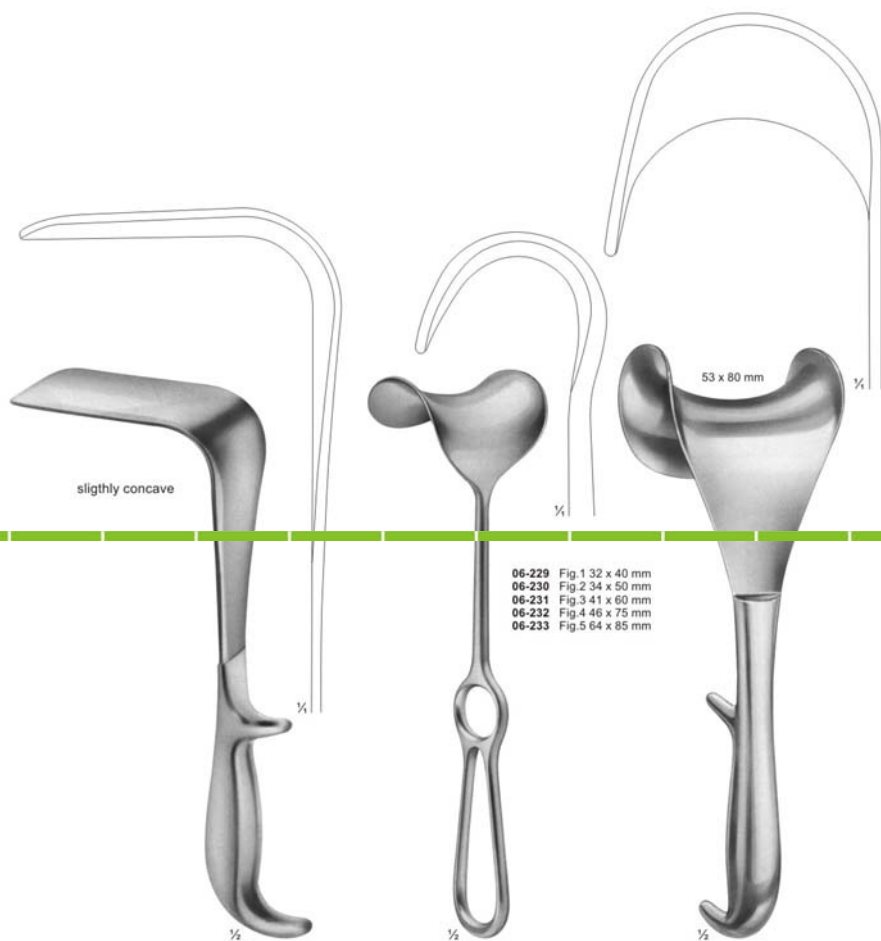


06-216
MIKULICZ
255 mm



06-217
MIKULICZ
250 mm

Retractors, Abdominal Retractors



06-218 - 06-228
DOYEN
240 mm

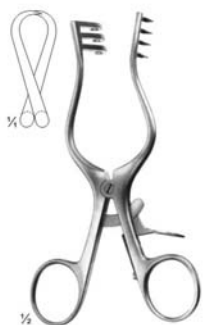
06-229 - 06-233
FRITSCH
240 mm

06-234
DOYEN
250 mm

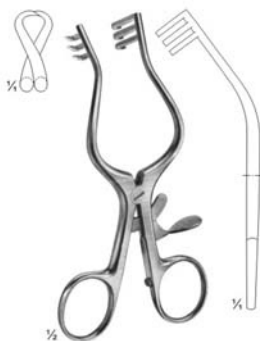
- 06-229** Fig. 1 32 x 40 mm
- 06-230** Fig. 2 34 x 50 mm
- 06-231** Fig. 3 41 x 60 mm
- 06-232** Fig. 4 46 x 75 mm
- 06-233** Fig. 5 64 x 85 mm

	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	

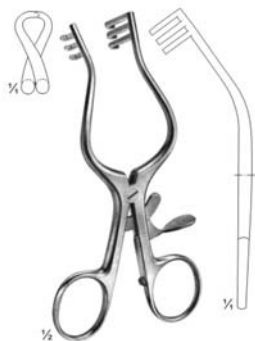
Self-Retaining Retractors



06-240
WEITLANER
sharp
130 mm



06-241
WULLSTEIN
sharp
130 mm



06-242
WULLSTEIN
blunt
130 mm



06-243
WEITLANER
sharp
165 mm



06-244
PLESTER
blunt
110 mm



06-245
PERKINS
blunt
130 mm

Special Retractors



1/2

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



1/2

06-247
JACKSON BURROWS
 Retractor, blunt
 185 mm



1/4



1/2

06-248
GELPI
 Vaginal retractor
 135 mm



1/4



1/2

06-249
GELPI
 Skin- and vaginal retractor
 175 mm



1/4



1/2

06-250
DE BAKEY
 Femur retractor
 145 mm

Lamina Spreaders



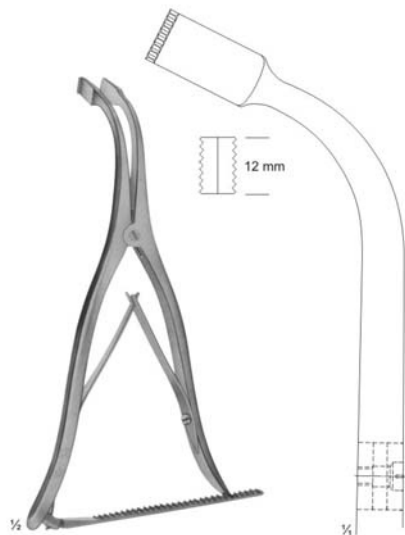
06-251
CLOWARD
155 mm



06-252
CLOWARD
135 mm

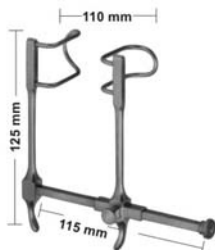


06-253
INGE
170 mm

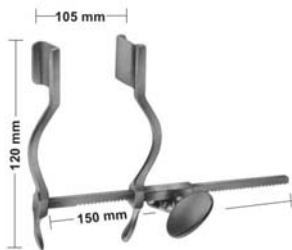


06-254
INGE
275 mm

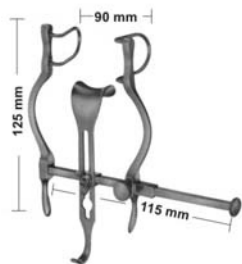
Abdominal Retractors



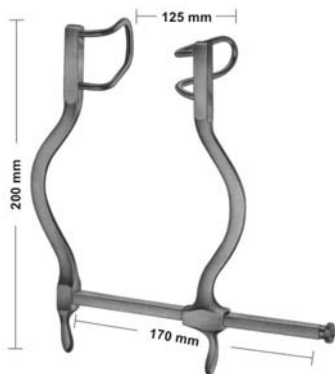
06-255
GOSSET
Blades: 38 mm deep



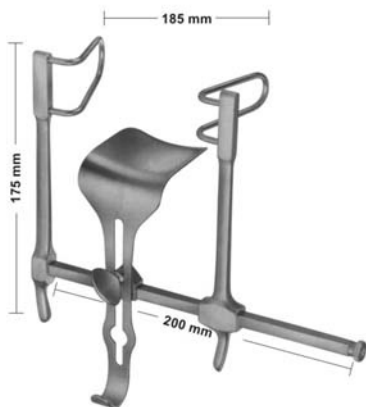
06-256
HERTZLER
Blades 20 X 25 mm



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

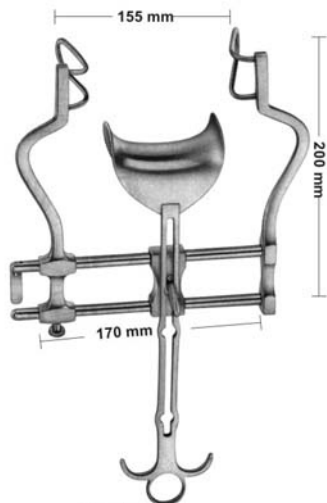


06-258
GOSSET
Blades: 55 mm deep

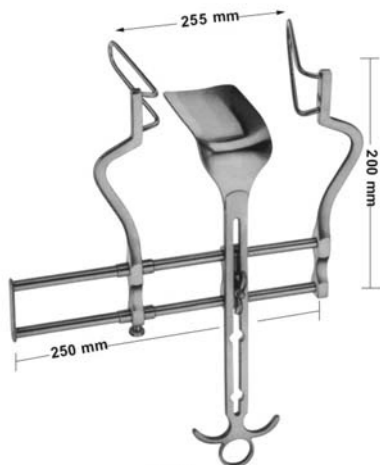


06-259
GOSSET
Lateral blades 58 mm deep
Center blade 59 x 57 mm

Abdominal Retractors



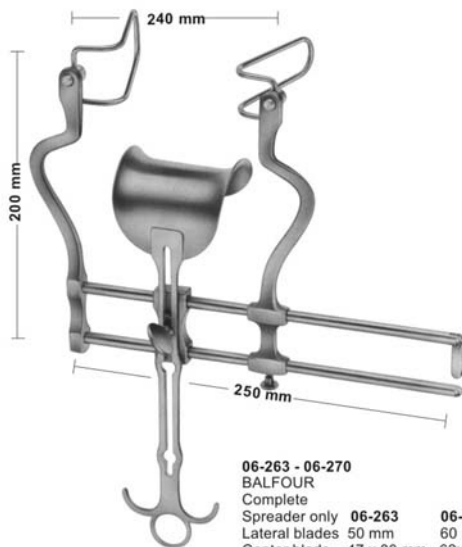
06-260
BALFOUR
Lateral blades 60 mm deep
Center blade 47 x 80 mm



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



06-262
Center blade only
54x80 mm



06-263 - 06-270

BALFOUR

Complete

Spreader only

Lateral blades 50 mm

06-263
60 mm

06-264
75 mm

06-265
90 mm

06-266
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

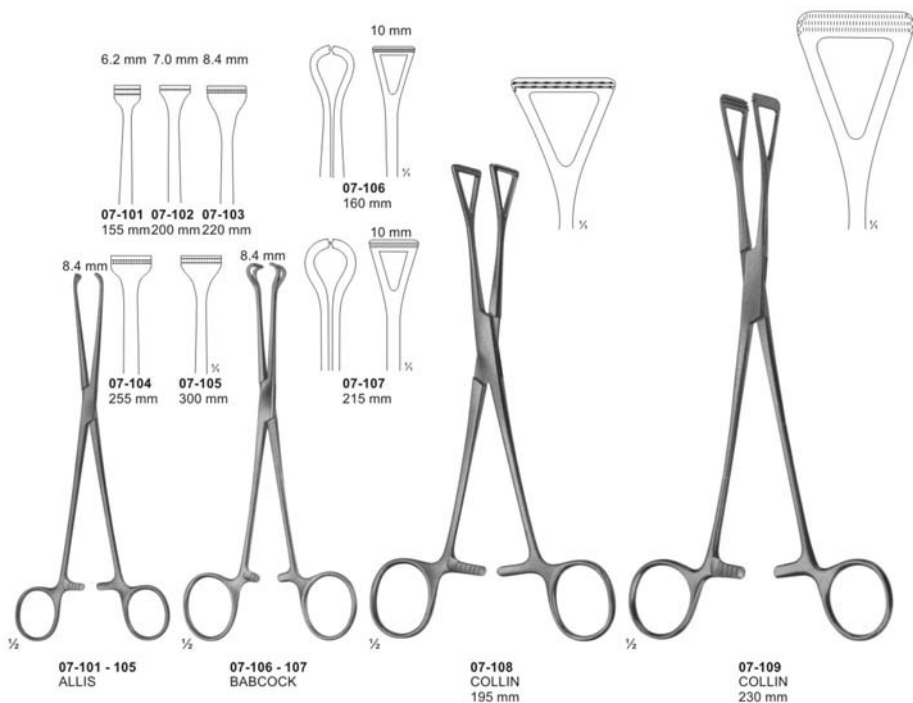
75 mm deep

06-270

90 mm deep

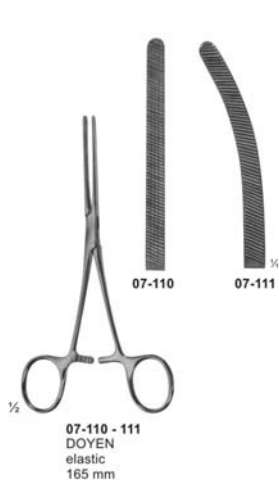
Sales Unit of blades: PR = pair

Organ-, Tissue and Intestinal Grasping Forceps

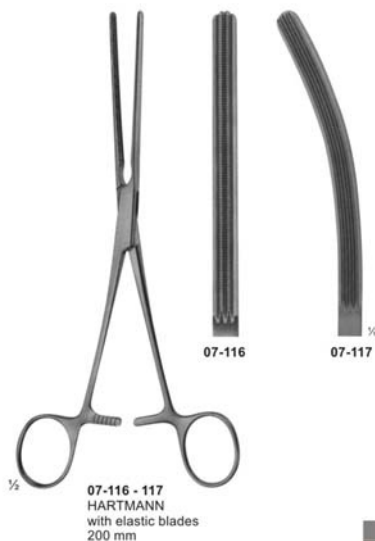
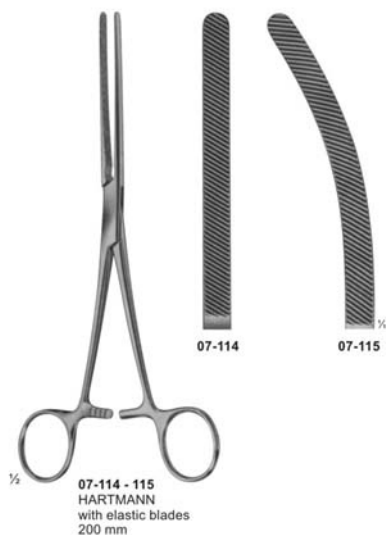


Intestinal Clamps, soft elastic

ATRAUMATA



ATRAUMATA



Intestinal and Pylorus Clamps



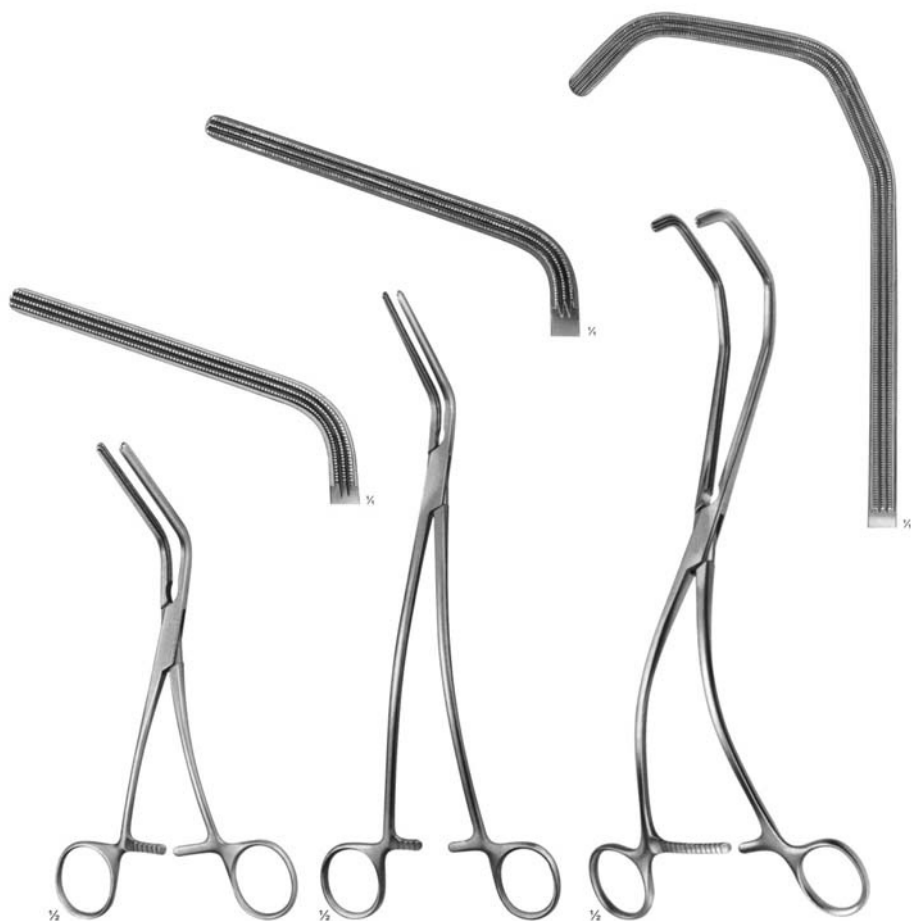
07-118
PAYR
Intestinal clamp
light pattern,
for children
180 mm

07-119
PAYR
200 mm

07-120
PAYR
275 mm

07-121
PAYR
Pylorus clamp
315 mm

ATRAUMATA
Sigmoid Anastomosis Forceps



07-122
MORRIS
175 mm

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

07-124
KERSTING
270 mm

Nasal Specula



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



08-102
SIMS
160 mm



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



08-104
Killian

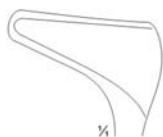


Fig. 1
14 cm 5 4/8"
35 mm

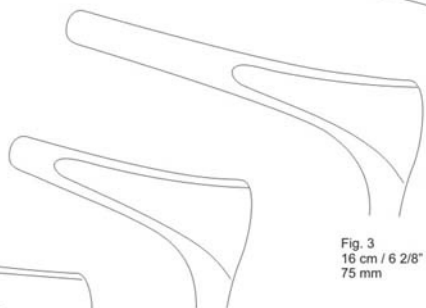


Fig. 2
14,5 cm / 5 4/8"
50 mm

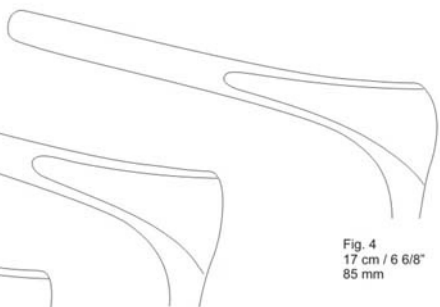


Fig. 3
16 cm / 6 2/8"
75 mm

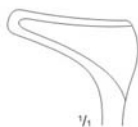
Fig. 4
17 cm / 6 6/8"
85 mm

Nasal Specula



1/2

08-105
Cottle



1/1

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

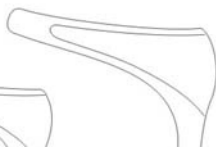


Fig. 2
14 cm / 5 4/8"
50 mm

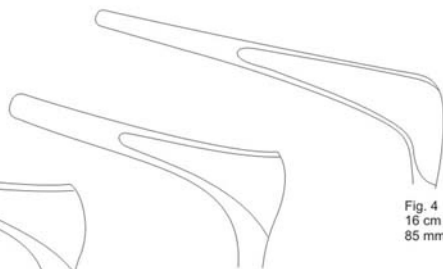


Fig. 3
16 cm / 6 2/8"
75 mm

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



1/2

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



Fig. 1
21,0 x 9,5 mm



Fig. 2
21,0 x 10,5 mm



Fig. 3
21,0 x 11,5 mm



1/2

08-107
Mod. Wien 2
13,5 cm / 5 7/8"



1/1

30 mm



Fig. 1
27 mm



Fig. 2
31 mm

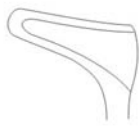


Fig. 3
35 mm

08-108
Hartmann+Halle
16 cm / 6 7/8"

Anuscopes-Sphincteroscopes



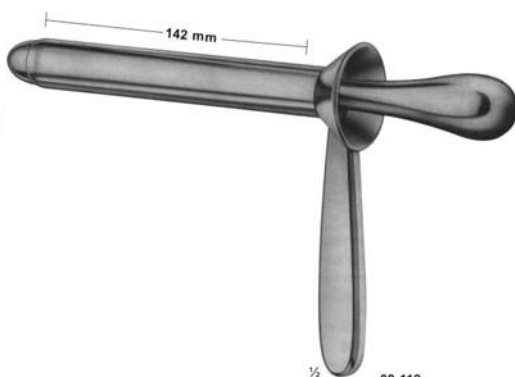
08-109
IVES-FANSLER
Anuscops
145 mm
Ø24mm



08-110
KELLY
Sphincteroscope
160 mm
Ø21mm



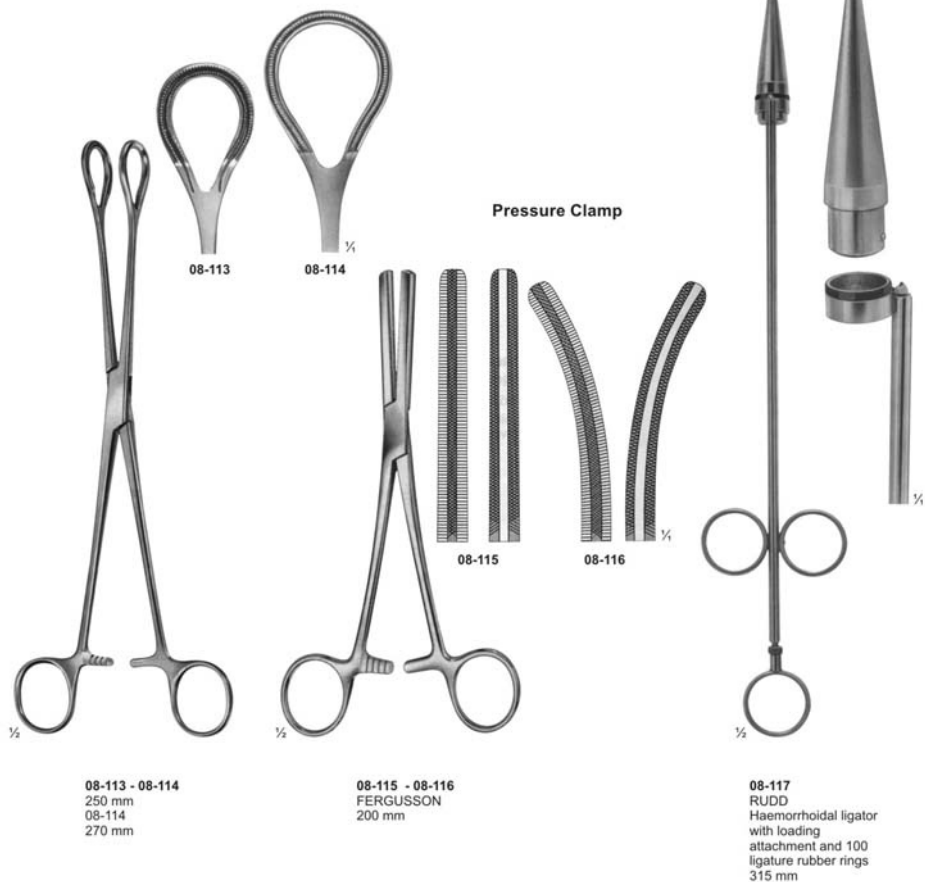
08-111
KELLY
Sphincteroscope
160 mm
Ø27mm



08-112
KELLY
Proctoscope
140 mm
Ø22mm

Haemorrhoidal Forceps

ATRAUMATA



Gall Duct Forceps



08-118
LOWER
180 mm



08-119
LAHEY (SWEET)
190 mm



08-120
LAHEY
220 mm

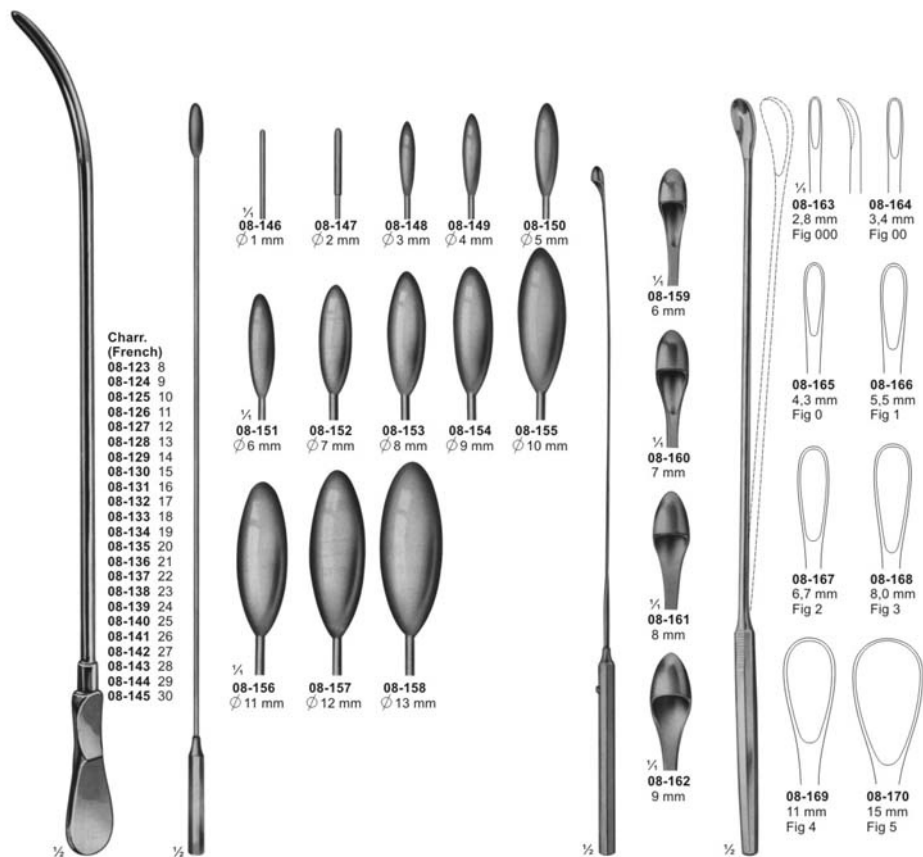


08-121
DESJARDINS
Gall duct-and cystic forceps
210 mm



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

Gall Duct Dilators and Gall Stone Scoops



Charr.
(French)
08-123 8
08-124 9
08-125 10
08-126 11
08-127 12
08-128 13
08-129 14
08-130 15
08-131 16
08-132 17
08-133 18
08-134 19
08-135 20
08-136 21
08-137 22
08-138 23
08-139 24
08-140 25
08-141 26
08-142 27
08-143 28
08-144 29
08-145 30

1/4
08-146
Ø 1 mm

08-147
Ø 2 mm

08-148
Ø 3 mm

08-149
Ø 4 mm

08-150
Ø 5 mm

08-151
Ø 6 mm

08-152
Ø 7 mm

08-153
Ø 8 mm

08-154
Ø 9 mm

08-155
Ø 10 mm

1/4
08-156
Ø 11 mm

08-157
Ø 12 mm

08-158
Ø 13 mm

1/4
08-159
6 mm

08-160
7 mm

1/4
08-161
8 mm

08-162
9 mm

1/4
08-163
2.8 mm
Fig 000

08-164
3.4 mm
Fig 00

08-165
4.3 mm
Fig 0

08-166
5.5 mm
Fig 1

08-167
6.7 mm
Fig 2

08-168
8.0 mm
Fig 3

08-169
11 mm
Fig 4

08-170
15 mm
Fig 5

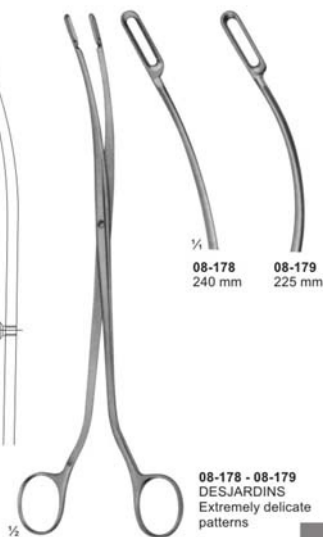
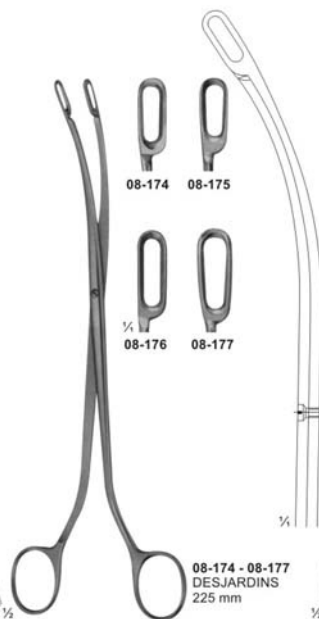
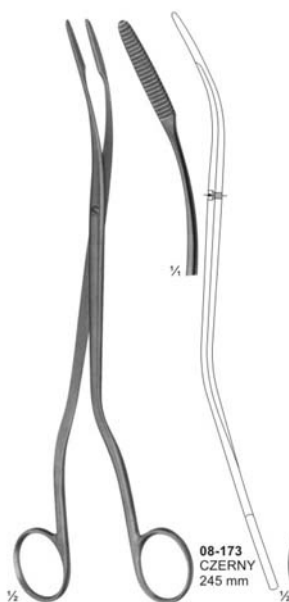
08-123 - 08-145
DITTEL
Metall bougies and
dilating sounds, stiff
345 mm

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

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

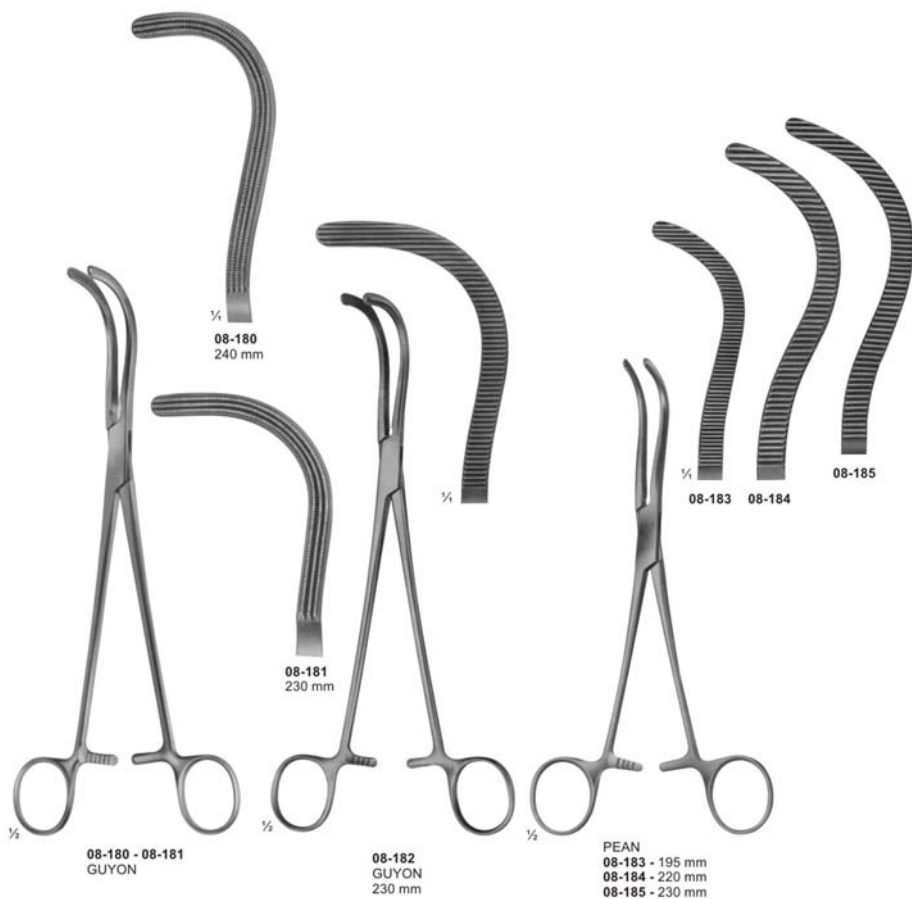
08-163 - 08-170
LUER-KOERTE modif
with malleable shaft
310 mm

Gall Stone Forceps



Kidney Clamps

ATRAUMATA



Kidney Stone Forceps



08-186



08-187



08-188



$\frac{1}{4}$
08-189

$\frac{1}{4}$

08-186 - 08-189
RANDALL
225 mm



08-190



08-191



$\frac{1}{4}$
08-192

$\frac{1}{4}$

08-190 - 08-192
RANDALL
190 mm

Bladder Retractors



09-101
JUDD-MASSON
Bladder-and suprapubic
retractor



09-102
MILLIN
Center bladder for
retro pubic prostatectomy



09-103
MILLIN
Bladder retractor, complete
105X45 mm



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



09-105
KOCHER
Bladder spatula
235 mm

Trocars

Luer Lock



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



09-107
Universal trocar
with 4 tips



NELSON

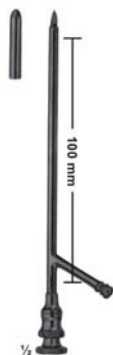
09-108 - 112
Inside diam. Outside diam
09-108 2,2 mm 3,0 mm
09-109 3,0 mm 4,0 mm
09-110 4,0 mm 5,0 mm
09-111 5,0 mm 6,0 mm
09-112 5,5 mm 6,5 mm
for hydrocele and abdominal puncture



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



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



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



Record Cone1

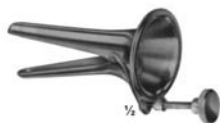
09-123
PIERCE
Antrum trocar
∅ 4,0 mm



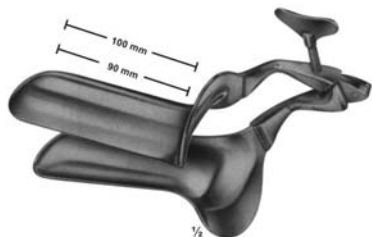
Luer - Lock
Cone

09-124
COAKLEY
Antrum trocar
3,0 mm

Vaginal Specula



10-101
COLLIN
for children
53 x 10 mm



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



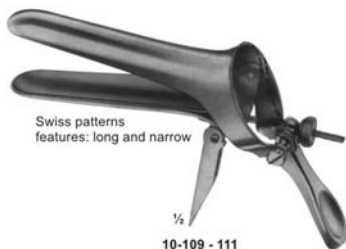
10-106
COLLIN
for virgins
95/85 x 18 mm



10-107
CUSCO
for virgins
75 x 17 mm



10-108
CUSCO
for virgins
75 x 17 mm



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

Vaginal Specula- Sets, upper and lower blades



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

1/2



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

1/2



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

1/2



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

1/2



1/2

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



1/2

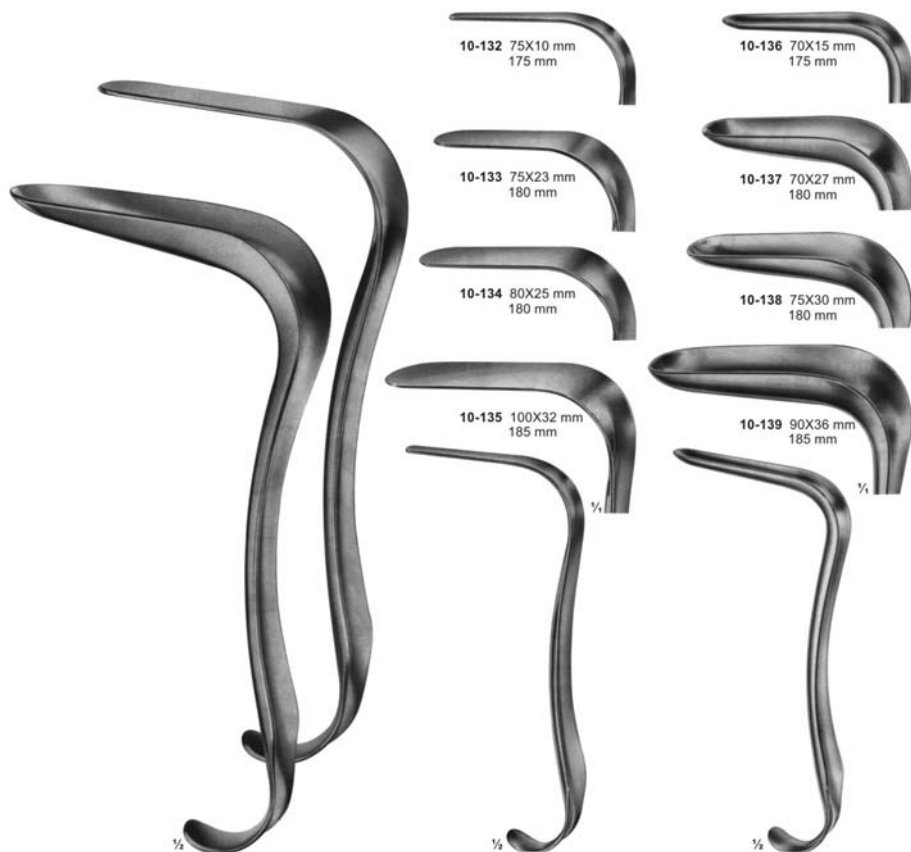
10-123
KRISTELLER
70X15 mm, (170 mm)
For children



1/2

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

Vaginal Specula- upper and lower blades



Vaginal Specula



Vaginal Retractors



10-154
JOLL (FRIEDMAN)
155 mm



10-155
RICHTER
170 mm



10-156
GELPI
135 mm



10-157
GELPI
175 mm

Uterine Dilators



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

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



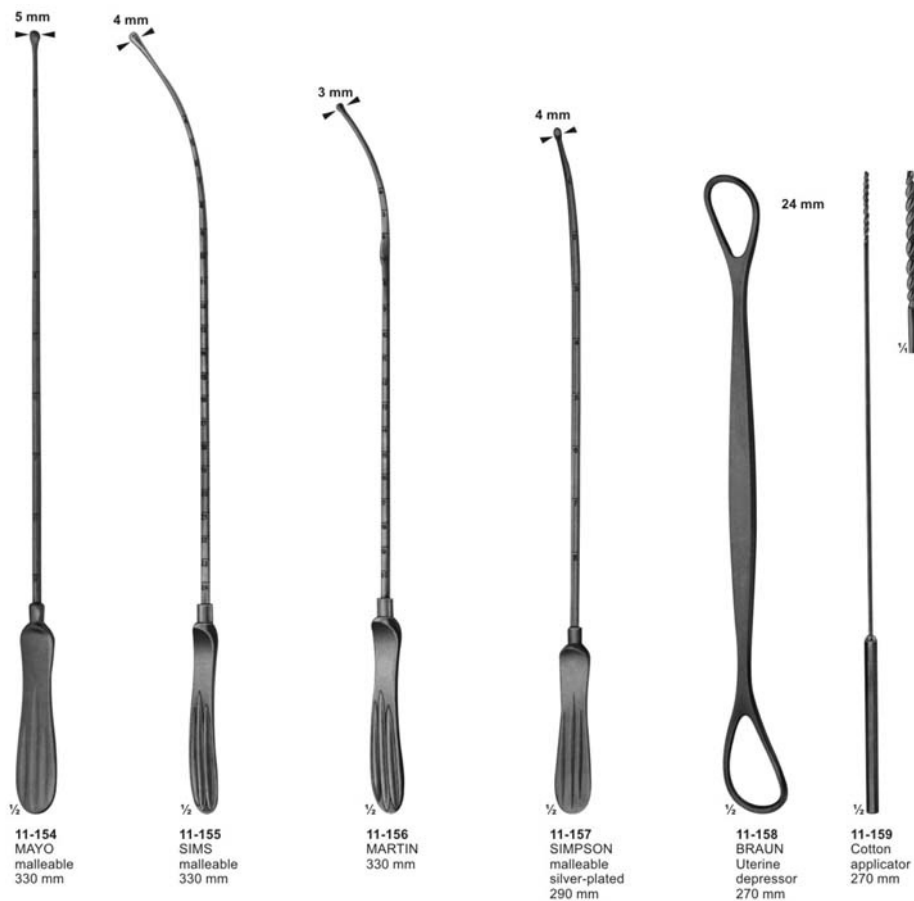
11-144 - 152
HEGAR
205 mm

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



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

Uterine Probes



Uterine Dressing Forceps



11-160
PELKMANN
260 mm



11-161
PELKMANN
260 mm



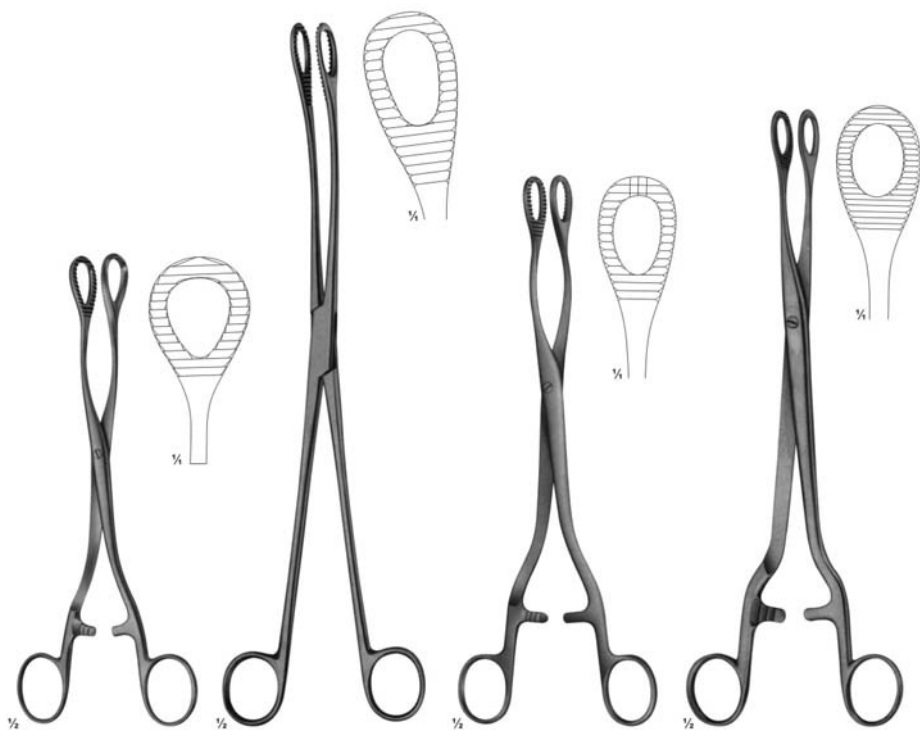
11-162
BOZEMANN
250 mm



11-163
BOZEMANN
255 mm

Jaws with longitudinal groove

Polypus-and Ovum Forceps



11-164
HEYWOOD-SMITH
200 mm

11-165
KELLY
320 mm

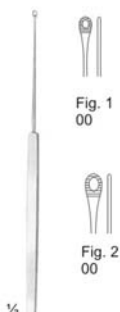
11-166
HEYWOOD-SMITH
250 mm

11-167
NOTO
280 mm

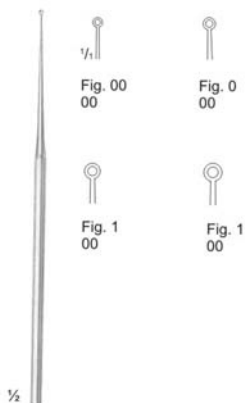
Ear Curettes



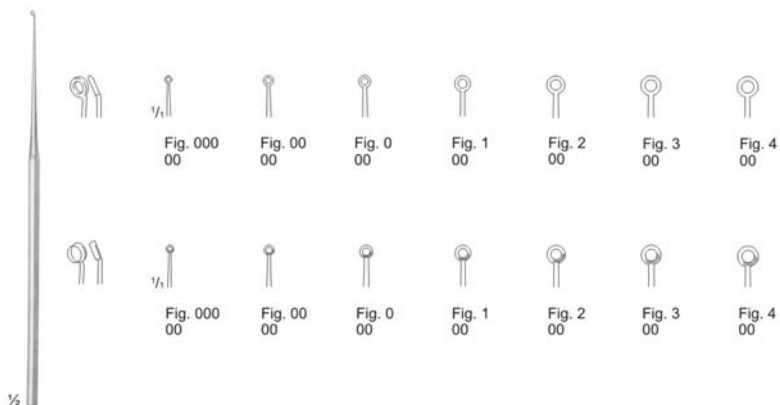
12-101
Langenbeck
13 cm / 5 1/8"



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



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



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

Biopsy Currettes



Ear Polypus Forceps



1/4

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



1/4

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



12-115
Hartmann
3 mm
shaft length
85mm



12-116
shaft length
85mm

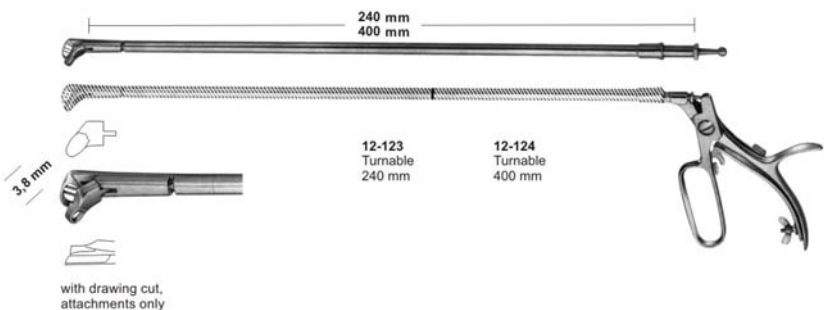
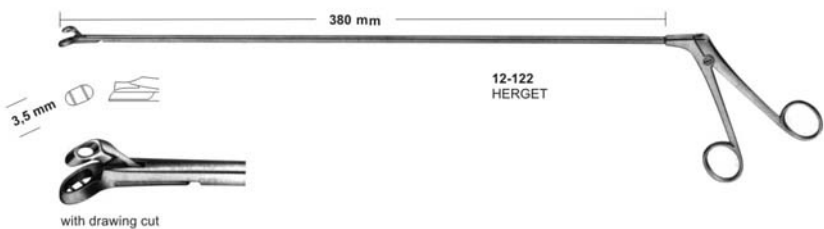
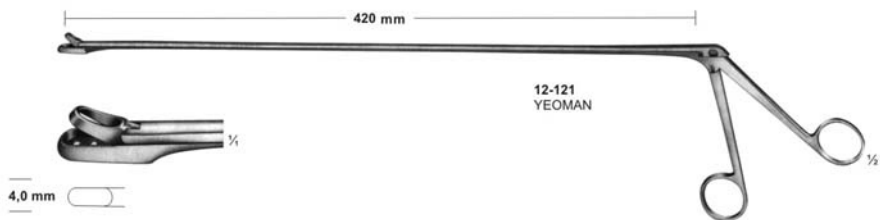
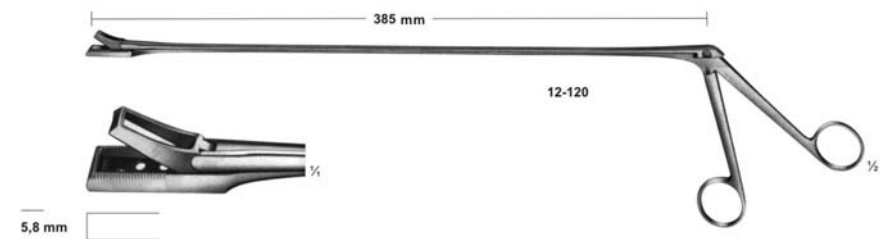


12-117
Hartmann-Hoffmar
2,0 mm
85mm

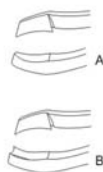
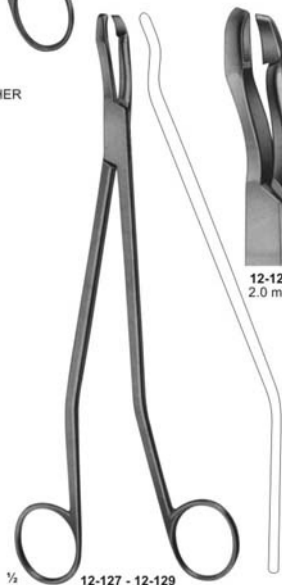
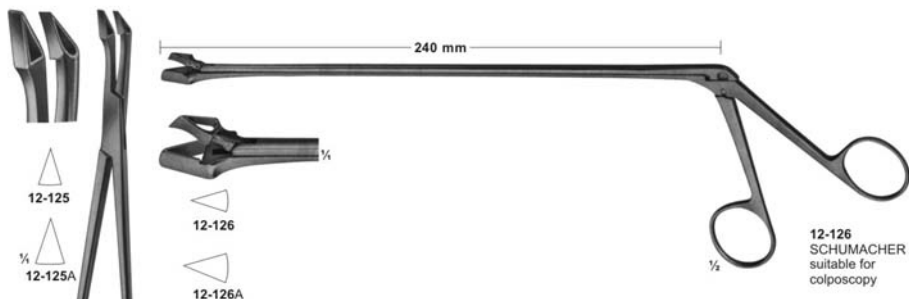
12-118
2,5 mm
85 mm

12-119
3,0 mm
85 mm

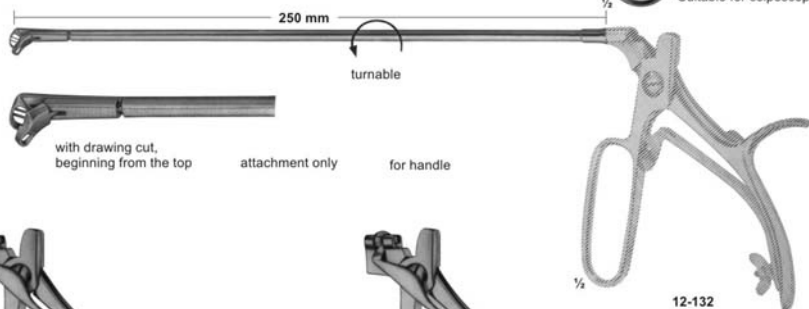
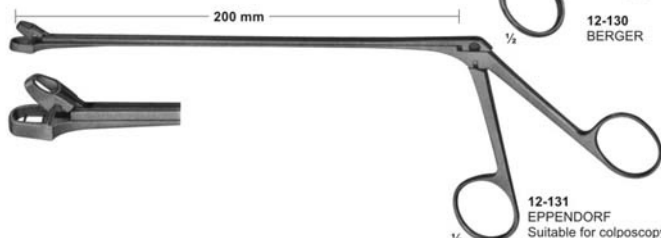
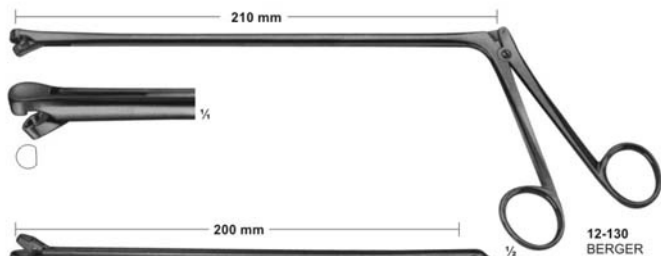
Biopsy forceps for rectum



Biopsy Forceps



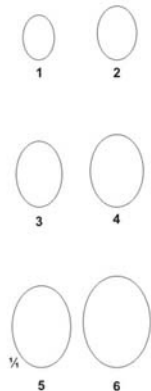
Biopsy Forceps



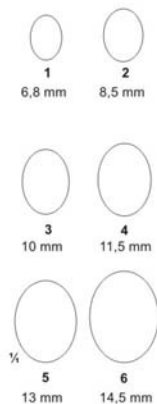
Uterine Scoops



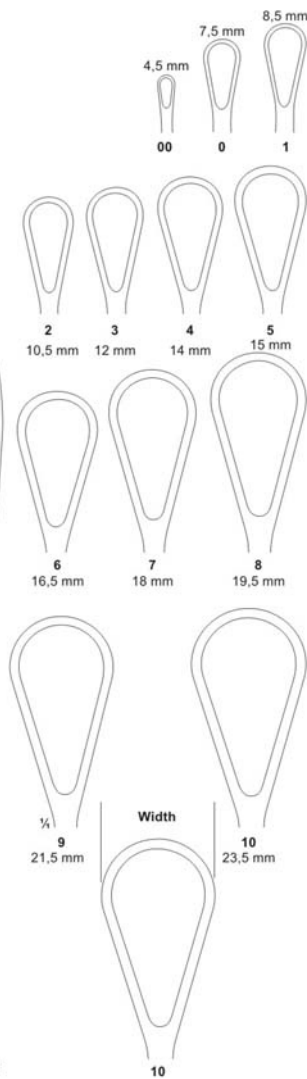
1/2
12-140
SIMON
240 mm



1/2
12-141
SCHROEDER
310 mm



1/2
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



Tongue-and Tracheal Hooks and Dilators



13-111
BOSE
165 mm



13-112
BOSE
165 mm



13-113
sharp



13-114
blunt



13-115
stumpf/blunt



13-116
FINSEN
50 mm



13-117
FINSEN
70 mm



13-118
TROUSSEAU
120 mm



13-119
LABORDE
125 mm

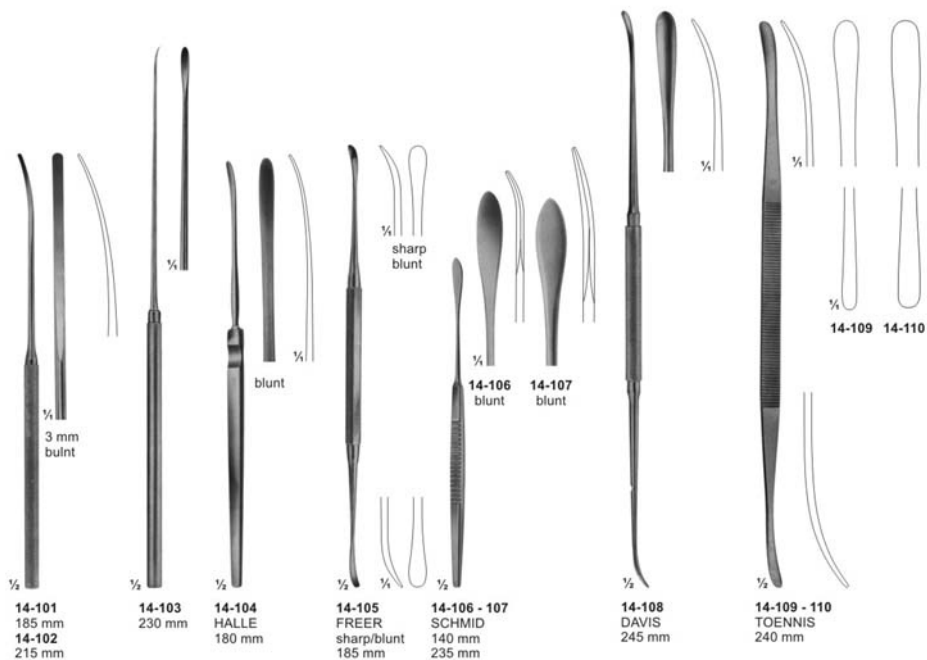


13-120
LABORDE
strong pattern
135 mm

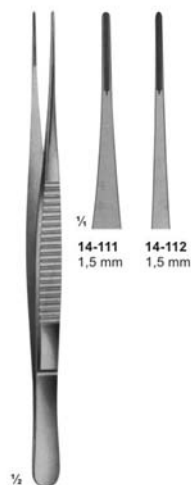


13-121
Cleaning Brush
for tracheal tubes
285 mm

Vascular Spatulas

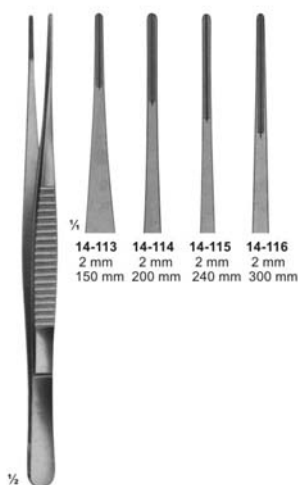


ATRAUMATA Forceps



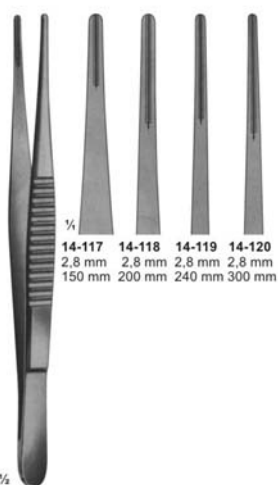
14-111 1.5 mm
14-112 1.5 mm

14-111 - 112
DE BAKEY
150 mm
200 mm



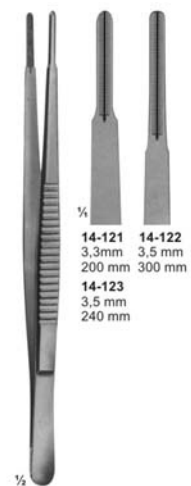
14-113 2 mm 150 mm
14-114 2 mm 200 mm
14-115 2 mm 240 mm
14-116 2 mm 300 mm

14-113 - 116
DE BAKEY



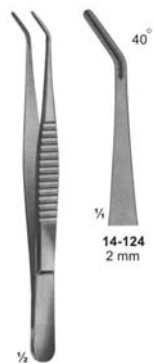
14-117 2.8 mm 150 mm
14-118 2.8 mm 200 mm
14-119 2.8 mm 240 mm
14-120 2.8 mm 300 mm

14-117 - 120
DE BAKEY



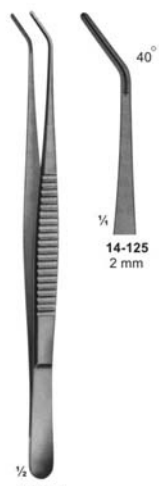
14-121 3.3 mm 200 mm
14-122 3.5 mm 300 mm
14-123 3.5 mm 240 mm

14-121 - 123
DE BAKEY



40°
14-124 2 mm
150 mm

14-124
DE BAKEY
150 mm

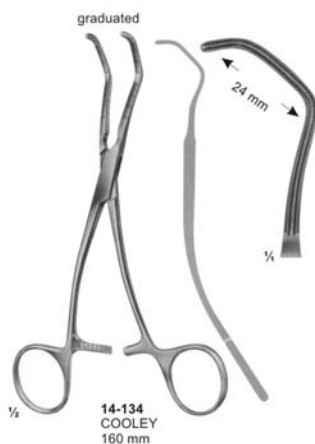
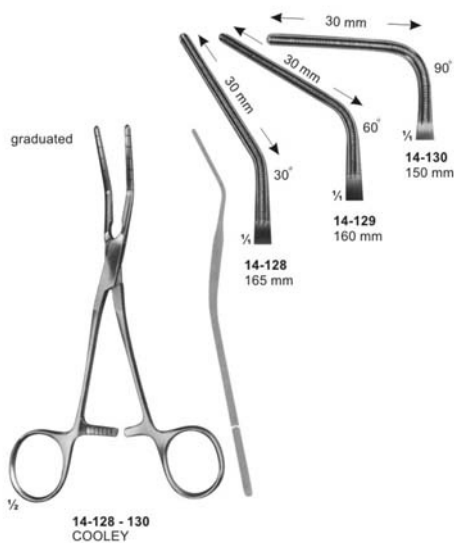
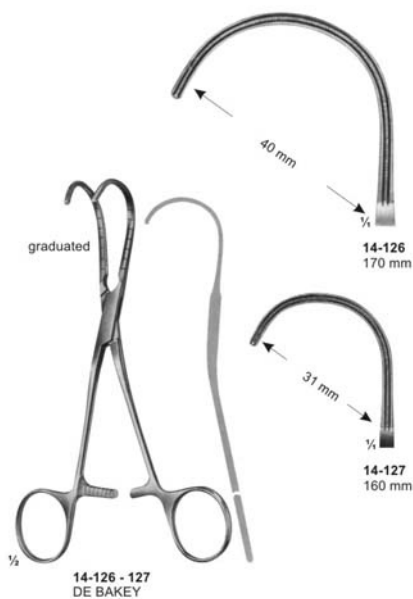


40°
14-125 2 mm

14-125
DE BAKEY
200 mm

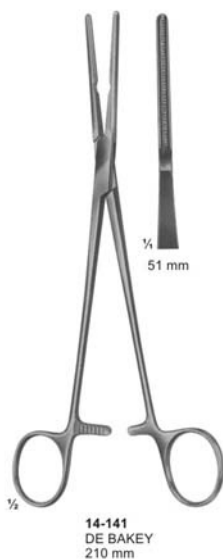
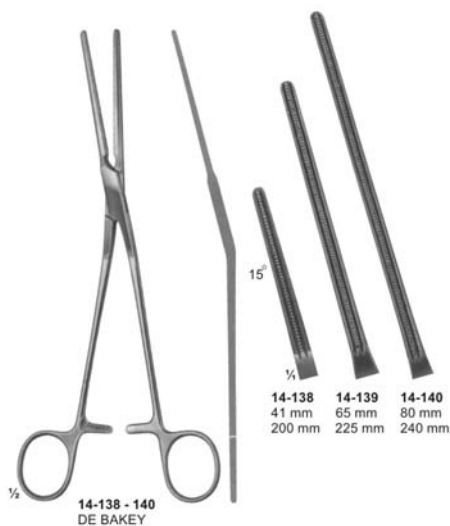
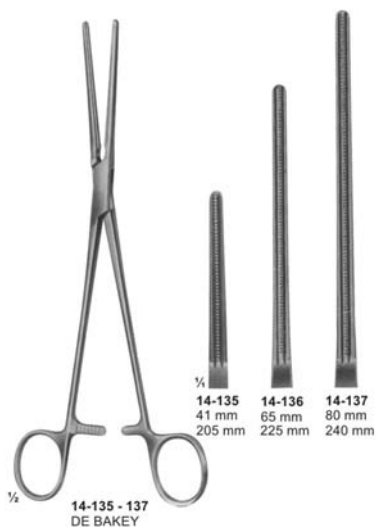
ATRAUMATA

Anastomosis- and Multi-Purpose- Clamps- Pediatric types



ATRAUMATA

Coarctation Clamps, Patent-Ductus & Peripheral-Vascular Clamps



Aorta- Anastomosis Clamps



L
14-144
WEBER
260 mm

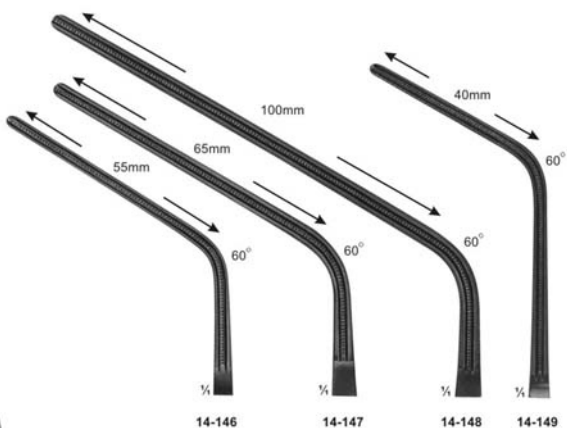


R
14-145
WEBER
260 mm

Multi-Purpose-Clamps



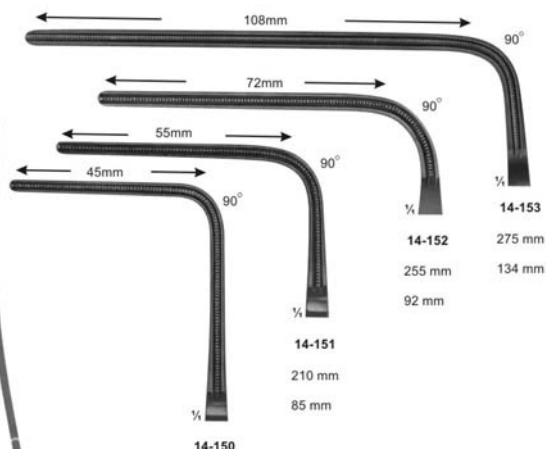
1/2
14-146 - 149
DE BAKEY



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



1/2
14-150 - 153
DE BAKEY



Total Length:	225 mm
Length of jaws:	93 mm

Sternum Instruments and Rib Shears



14-154
SCHUMACHER
Sternum shears
210 mm



14-155
LEBSCHÉ
Sternum chisel
200 mm



14-156
230 mm



14-157
COLLIN
195 mm



14-158
GLUCK
190 mm



14-159
BETHUNE
340 mm



14-160
BRUNNER
Universal pattern
340 mm

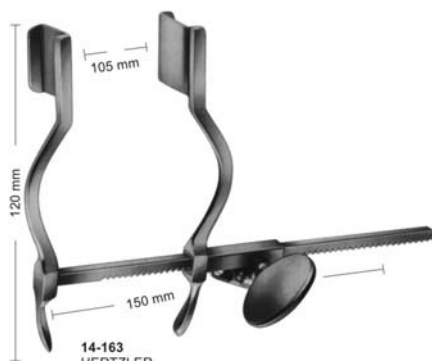


14-161
GIERTZ-STILLÉ
250 mm

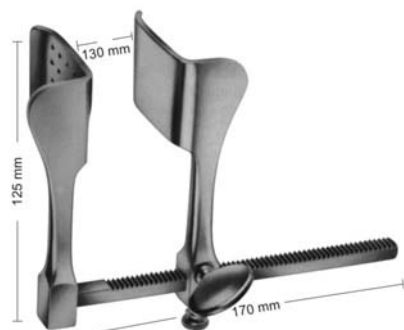
Rib Spreaders



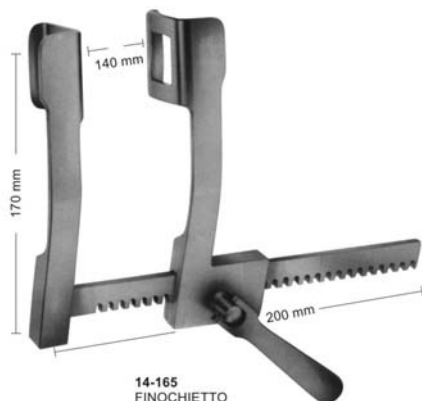
14-162
FINOCHIETTO
Blades
18X21 mm



14-163
HERTZLER
Blades
20X25 mm



14-164
TUFFIER
Blades
43X53 mm



14-165
FINOCHIETTO
Blades
36X45 mm

Rib Spreaders-and Contractors



½

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



½

**14-167
BAILEY**
150 mm



14-168
for children

14-169
for adults

½

**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



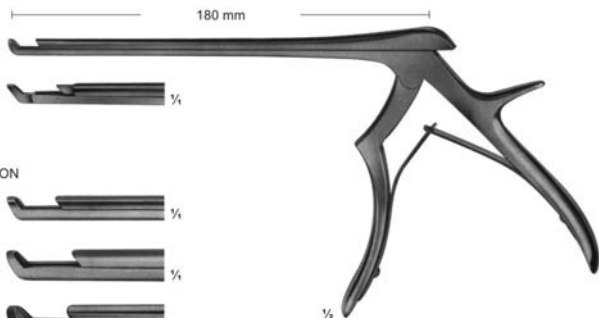
15-104

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



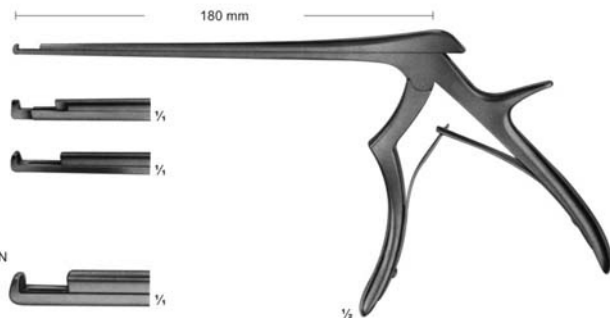
15-109

4 mm



15-110

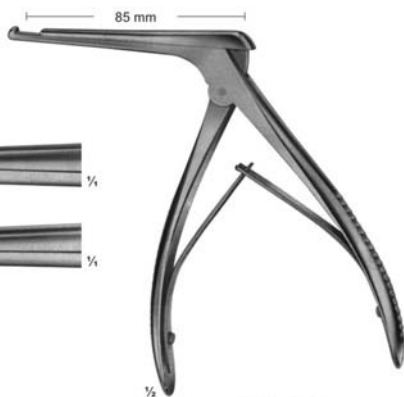
5 mm



15-106 - 110

Punches

90° upwards cutting



15-111
4 mm

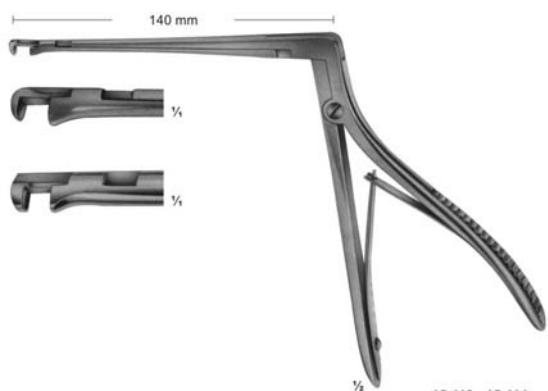


15-112
5 mm



15-111 - 15-112
KERRISON

90° upwards cutting



15-113
3,3 mm



15-114
4,0 mm



15-113 - 15-114
HAJEK-KOFLER

Rongeurs

LOVE-GRUENWALD

15-115
2 X 10 mm

15-116
3 X 10 mm

SPURLING
15-117
4 X 10 mm



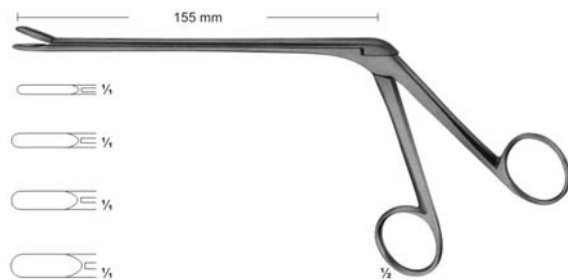
15-115 - 15-117

15-118
2 mm

15-119
3 mm

15-120
4 mm

15-121
5 mm



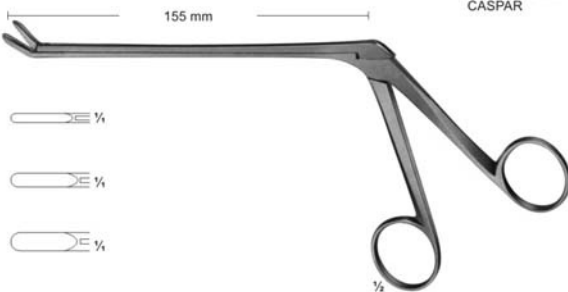
15-118 - 15-121
CASPAR

150°

15-122
2 mm

15-123
3 mm

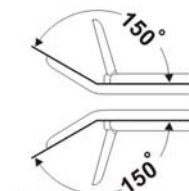
15-124
4 mm



15-122 - 15-124
CASPAR

Rongeurs

Angled positions for rongeurs



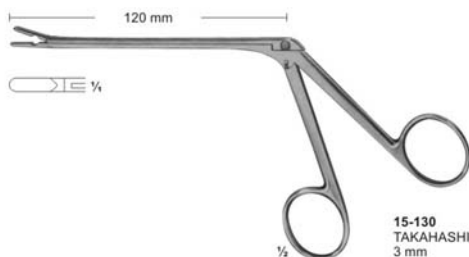
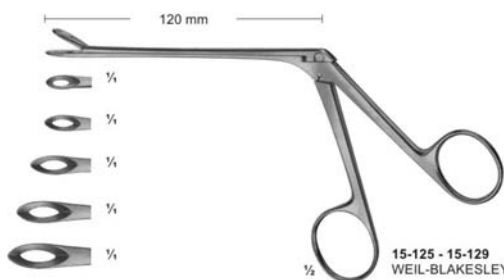
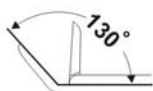
15-125
3,0 mm

15-126
3,6 mm

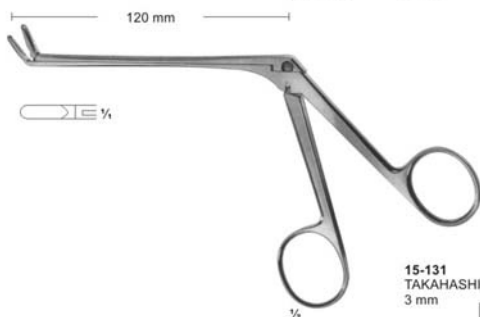
15-127
4,2 mm

15-128
4,8 mm

15-129
5,8 mm



130°



Rongeurs

150°

Lower part of jaws movable

15-132
2 mm

15-133
3 mm

15-134
4 mm



15-132 - 15-134
CASPAR

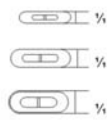
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
15-135	15-140	15-145	2 X12 mm
15-136	15-141	15-146	3 X12 mm
15-137	15-142	15-147	4 X14 mm
15-138	15-143	15-148	5 X14 mm
15-139	15-144	15-149	6 X16 mm



15-135 - 15-149
CASPAR

150°

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



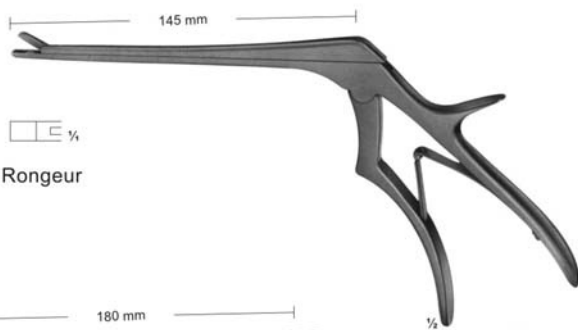
15-150 - 15-158
CASPAR

Rongeurs

15-159
4 mm



Osteophyte Rongeur

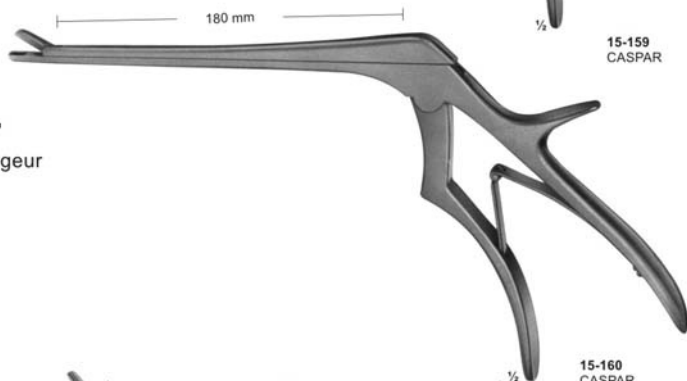


15-159
CASPAR

15-160
4 mm



Osteophyte Rongeur

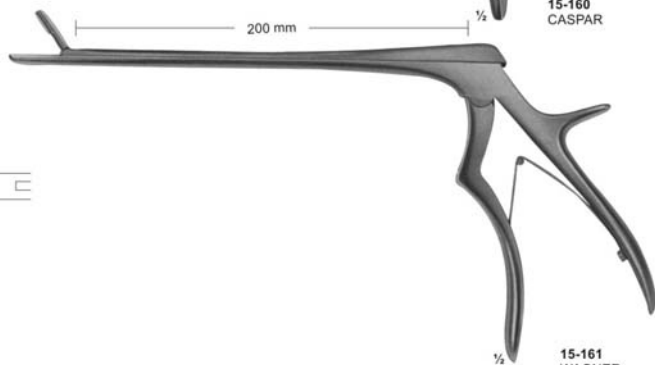


15-160
CASPAR

15-161
5,5 mm

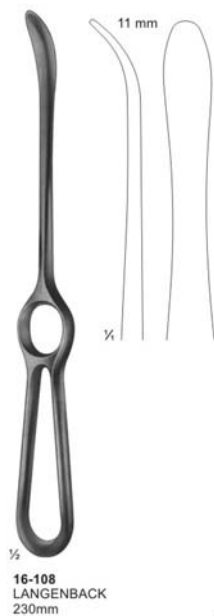
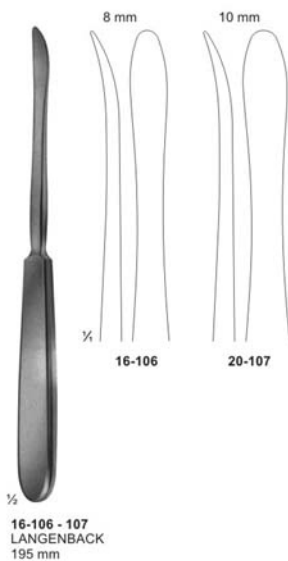
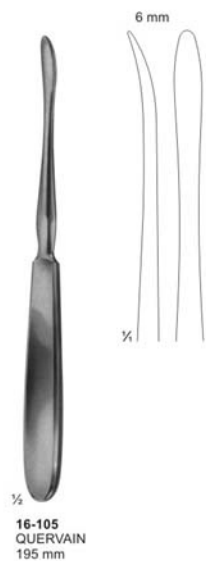
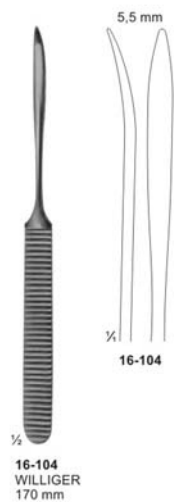
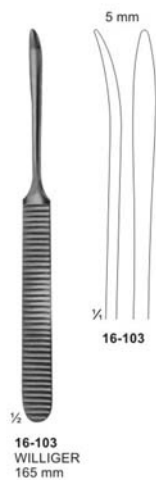
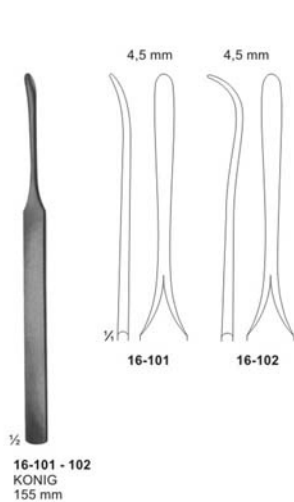


Very Heavy Pattern



15-161
WAGNER

Elevators and Bone Levers



Bone Levers



16-109
LANE TRETOWAN
215mm



16-110
LANE
255mm



16-111
LANGE-HOHMANN
250mm



16-112 - 113
LANGE-HOHMANN modif.
16-112 265mm
16-113 280mm

16-112
30 mm
16-113
33 mm



Raspatories



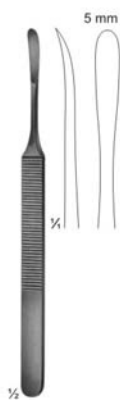
16-114
PARTSCH
150 mm



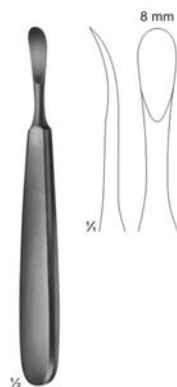
16-116
PARTSCH mod. LANGE
145 mm



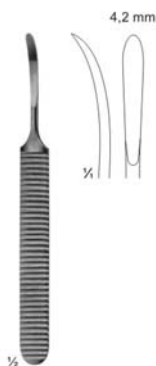
16-117
MC KENTY
155 mm



16-118
KOENIG
155 mm



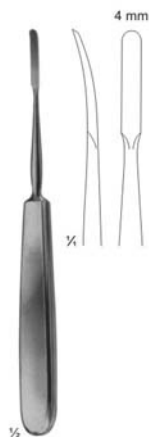
16-119
TRELAT
150 mm



16-120
WILLIGER
140 mm



16-121
WILLIGER
160 mm



16-122
JOSEPH
170 mm

Bone File and Rasps

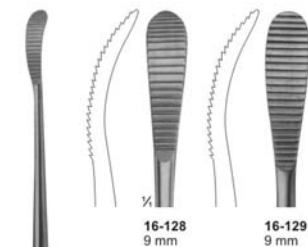


16-123
JOSEPH
fine, chequered

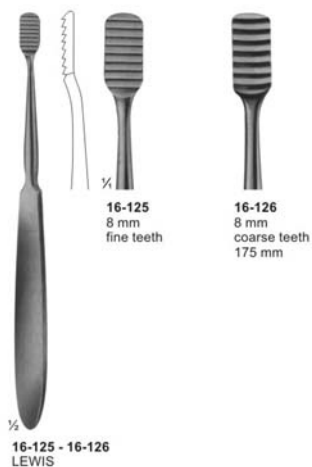
16-124
coarse, chequered
165 mm



16-127
MALTZ
down stroke
180 mm



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



16-130
GALLAHER
190 mm

Bone Curettes



16-131
JACOBSON
140 mm



16-132
MARTINI
140 mm



16-133
MARTINI
140 mm



16-134
WILLIGER
145 mm



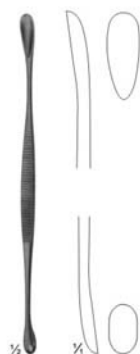
16-135
JANZEN
160 mm



16-136
BARTH
180 mm



16-137
VOLKMANN
130 mm



16-138
VOLKMANN
145 mm



16-139
VOLKMANN
170 mm

Mallets Weights refer to the heads of the mallets

Hammer Die Gewichtsangaben beziehen sich auf den Kopf des jeweiligen Hammers



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



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



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

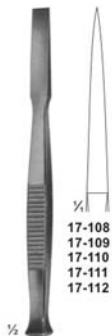


17-106
165 g
lead filled head
190 mm

Osteotomes, Chisels and Gouges



17-107
MANNERFELT
Gouge
155 mm



17-108 - 112
Osteotomes
140 mm

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



17-113 - 117
Chisels
140 mm

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



17-118 - 122
Gouges
140 mm

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



PARTSCH
17-123 - 126
Chisels
140 mm

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



PARTSCH
17-127 - 131
Chisels
170 mm

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



PARTSCH
17-132 - 135
Gouges
140 mm

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



PARTSCH
17-136 - 140
Gouges
170 mm

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



LUCAS
17-141 - 142
Chisels
160 mm

17-141 4 mm
17-142 6 mm



LUCAS
17-143 - 144
Gouges
160 mm

17-143 3 mm
17-144 5 mm

Reposition Forceps, Bone Holding Forceps



17-145
Patella forceps
185 mm



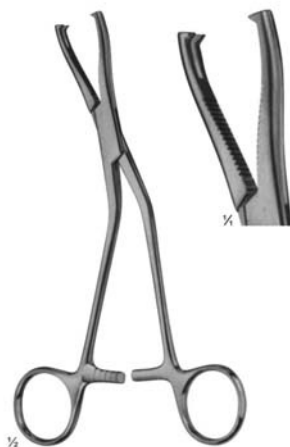
17-146
Forceps with
ratchet fixation
140 mm



17-147
Forceps with
thread fixation
170 mm



17-148
Forceps with
thread fixation
235 mm



17-149
DINGMANN
185 mm

Bone Holding Forceps & Bone Clamps



17-150
KERN-LANE
240 mm



17-151
LANE
330 mm



17-152
KERN-LANE
240 mm



17-153



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



17-156
LOWMAN-GERSTER
210 mm



17-157
LOWMAN-HOGLUND
175 mm

Bone Rongeurs



17-158
LUER
150 mm



17-159
LUER
155 mm



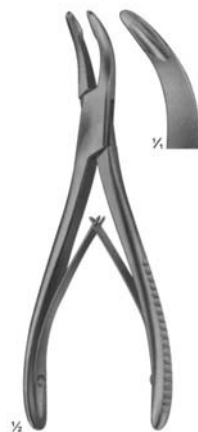
17-160
BLUMENTHAL
155 mm



17-161
BLUMENTHAL
150 mm



17-162 - 163
JANSEN
175 mm



17-164
BANE-HARTMANN
175 mm

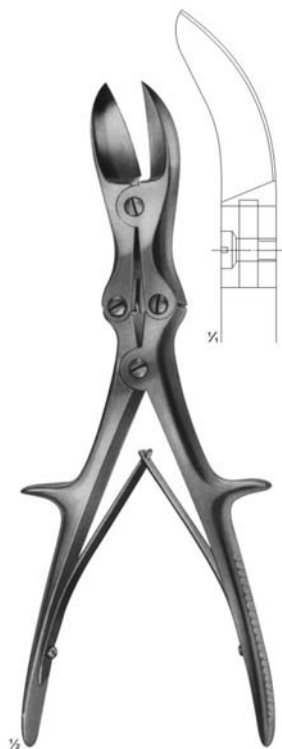
Bone Cutting Forceps



17-168
LISTON
curved on flat
240 mm

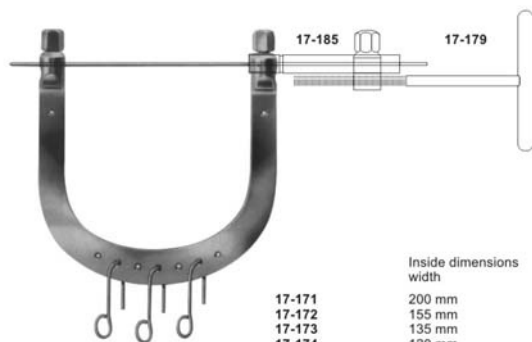


17-169
LISTON
straight
280 mm



17-170
LISTON
curved on flat
280 mm

Wire Extension



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

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

Inside dimensions
width

depth

200 mm	155 mm	for the hip
155 mm	155 mm	for the femur
135 mm	130 mm	for the knee
120 mm	120 mm	for the knee
105 mm	100 mm	for the knee
95 mm	110 mm	for the calcaneus
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 - 17-184
KIRSCHNER
Wire traction bows, modified,
adjustable in width, holds wire
securely, with 1 hook

17-182	max. 105 mm
17-183	max. 160 mm
17-184	max. 200 mm

17-182	80-95 mm
17-183	90-120 mm
17-184	140-170 mm

diam upto	
17-182	1,6 mm
17-183	2,0 mm
17-184	2,5 mm



17-180
Traction hook only,
large size

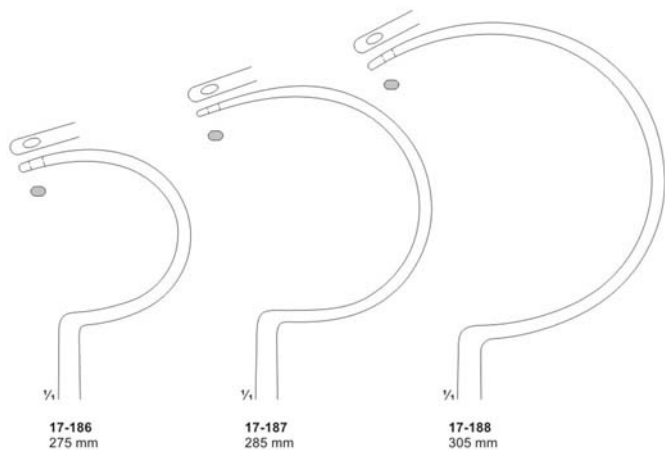


17-181
Traction hook only,
small size



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

Cerclage Instruments



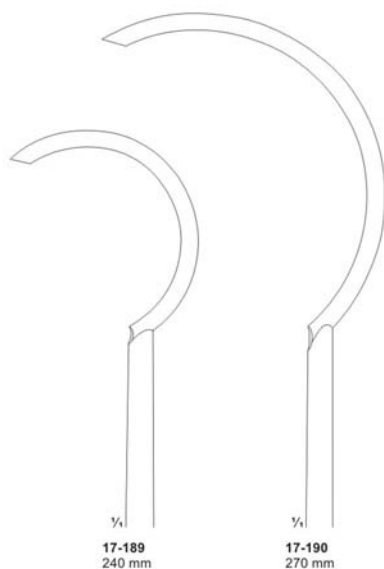
17-186
275 mm

17-187
285 mm

17-188
305 mm



17-186 - 17-188
DEMEL
Wire guides



17-189
240 mm

17-190
270 mm



17-191
225 mm

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



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



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



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



17-195
with serrated jaws
140 mm




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



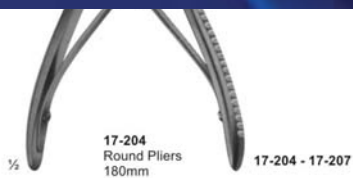
17-197
with serrated jaws
17-198
with longitudinal and
transversal grooves
170 mm



17-199
190 mm



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



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

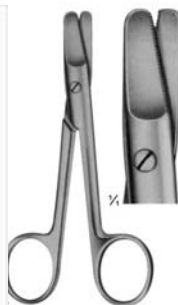


Wire Cutters and wire Cutting Scissors DUROTIP with Carbide Cutting Edges



17-209
ANGLE
130 mm

for soft wire
up to diam. 0,5 mm
for hard wire
up to diam. 0,3 mm



17-213
HARVEY
125 mm

0,4 mm
0,3 mm



17-214
150 mm

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



17-215
160 mm

1,5 mm
1,2 mm



17-216
140 mm
DUROTIP
1,5 mm

1,0 mm

Wire Cutting Pliers, Lateral Cutting Action



17-217
180 mm

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



17-218
REILL
175 mm

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



DUROTIP

17-219
235 mm

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

Wire Cutting Pliers, Lateral and Front Cutting Action



17-220
240 mm

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



17-221
145 mm

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



17-222
145 mm

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



17-223
220 mm

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

Wire Cutting Pliers



17-224
320 mm

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

3,0 mm
3,0 mm



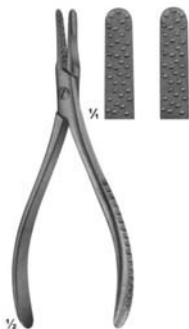
Cutter for cutting off
KIRSCHNER wires,
Tibia head screws,
bolts, pins, up to 3 mm diam.



DUROTIP

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

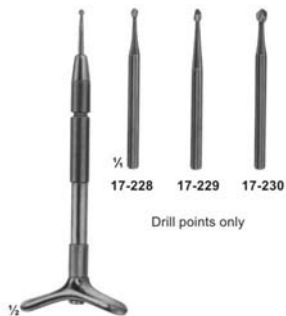
Finger Nail Instruments



17-226
Nail extracting
forceps
135 mm



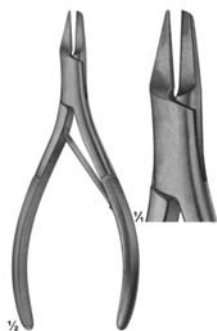
17-227
Nail extracting
forceps
145 mm



17-228
Finger nail drill
with 3 drill points

17-228 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-AESCLAP
260 mm



17-236
STILLE-AESCLAP
360 mm

Plaster Spreader, Plaster Breakers



17-237
HENING
270 mm



17-238
MOD. USA
230 mm



17-239
290 mm

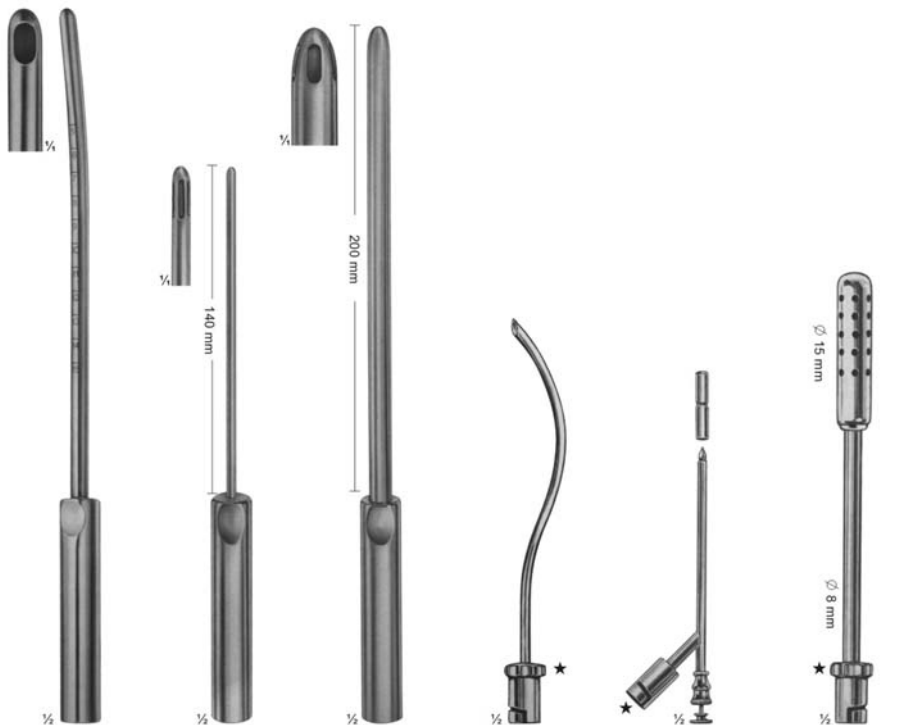


with removable jaws



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
∅ 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. ∅ 9 mm



18-117
Trocar
For puncturing
170 mm



18-118
Hollow needle,
sharp
150 mm



18-119
double curved
For general
surgery
230 mm



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



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

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

Suction Instruments

18-122

WULLSTEIN

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

Ø 1,75 mm

Ø 3 mm

olive

1/2

Ø 8 mm

18-123 1,5 mm

18-124 2,0 mm

WULLSTEIN

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

olive

1/2

Ø 8 mm

Usable length

YASARGIL usable length diam.

18-125 130 mm 1,5 mm

18-126 150 mm 1,5 mm

18-127 180 mm 1,5 mm

18-128 220 mm 1,5 mm

18-129 130 mm 2,0 mm

18-130 150 mm 2,0 mm

18-131 180 mm 2,0 mm

18-132 220 mm 2,0 mm

YASARGIL usable length diam.

18-133 130 mm 2,5 mm

18-134 150 mm 2,5 mm

18-135 180 mm 2,5 mm

18-136 220 mm 2,5 mm

18-137 130 mm 3,5 mm

18-138 150 mm 3,5 mm

18-139 180 mm 3,5 mm

18-140 220 mm 3,5 mm

18-141 180 mm 4,5 mm

olive

Ø 6,5-9 mm

with LUER hub

18-142 - 18-144

LANDOLT

150 MM

diam Ø 3 mm

18-142 8 mm / curved

18-143 11mm / curved

18-144 15mm / curved

Ø 3.5 mm

Ø 2.0 mm

18-145 500 mm

18-146 350 mm

with rubber tip,
with LUER hub

olive

Ø 9 mm

18-147 2,0 mm diam

18-148 2,5 mm diam

18-149 3,0 mm diam

with finger cut-off,

thumb piece 90° to

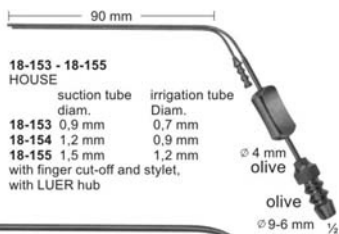
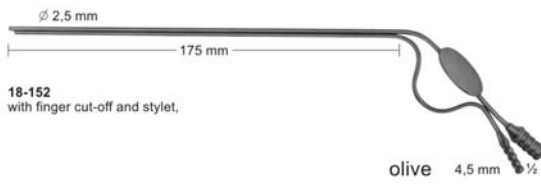
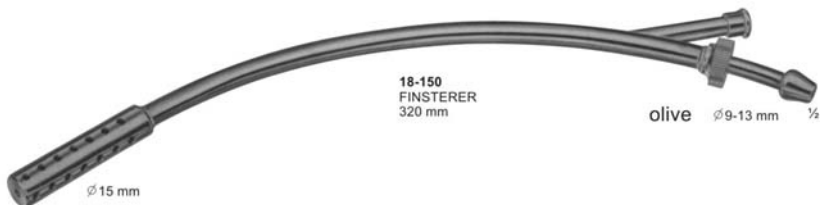
curve, with LUER hub

250 mm

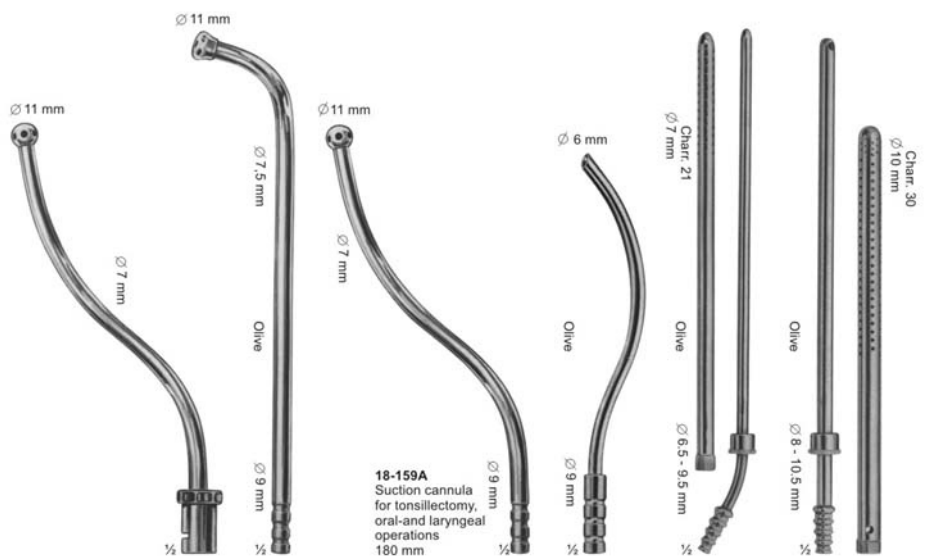
olive

Ø 6-9 mm

Combined Suction and Irrigation Cannulae, Coagulation Suction Cannulae



Suction Instruments



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

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

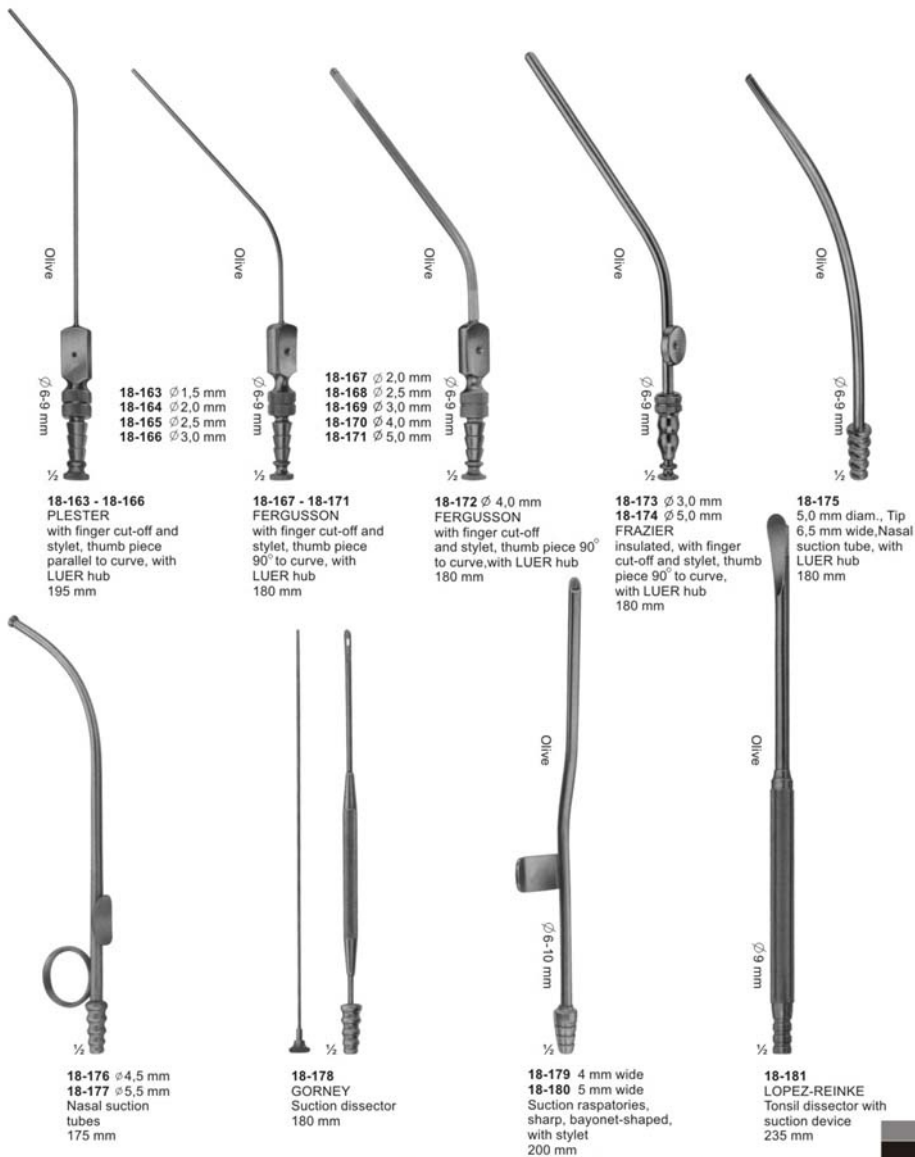
18-159A
Suction cannula
for tonsillectomy,
oral-and laryngeal
operations
180 mm

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

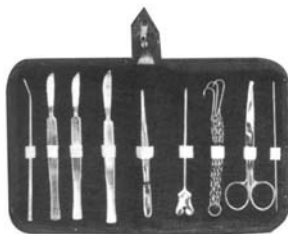
18-161
POOL
Suction cannula,
with outer tube
to be screwed off
225 mm

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

Suction Instruments



Dissection Instruments



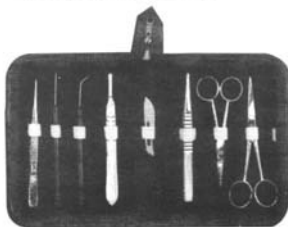
18-182

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



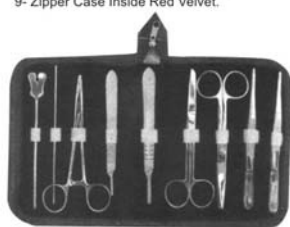
18-183

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



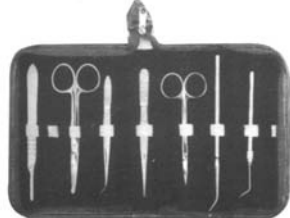
18-185

- 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 Scissor 1x2 Teeth 14 cm
- 9- Dressing Forcep Serrated 14 cm



18-186

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



18-187

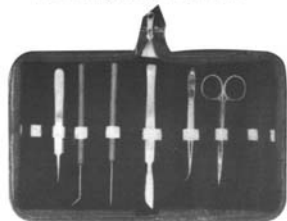
- 1- Teasing Needle with Chuck CVD.
- 2- Huber Probe
- 3- Iris Scissor
- 4- Dissecting Forcep Fine 14 cm.
- 5- Dissecting Forcep Fine CVD. 12 cm
- 6- Operating Scissor with Probe 14 cm.
- 7- B.P. Handle no. 4

Dissection Instruments



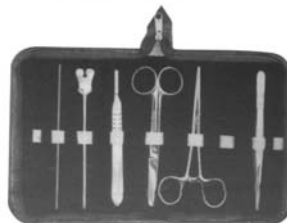
18-188

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



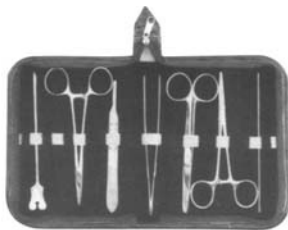
18-190

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



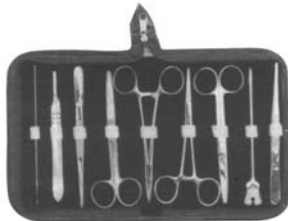
18-192

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



18-189

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



18-191

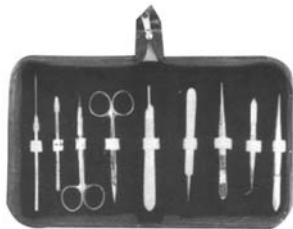
- 1- Probe Double end
- 2- B.P Handle No. 4
- 3- Dissecting Forcep 1x2 Teeth 14 cm.
- 4- Operating Scissor S/B str 14 cm
- 5- Mayo Hearn Needle Holder 14 cm
- 6- Kelly Forcep STR 14 cm.
- 7- Operating Scissor S/B CVD 14 cm
- 8- Grooved Director and Tongue tie
- 9- Dissecting Forceps Thumb 14 cm.



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 tongue tie.
- 13- Probe double end.



18-197

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

Hospital Wares



19-101 - 115
Schimmelbusch

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

	∅ 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

∅ 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
∅ 75 x 12 mm
Tablet Tray



19-153
∅ 90 x 90 mm
Metal Cup



19-154
∅ 75 x 80 mm
Sputum Cup



Kidney Dish



19-155 - 157

19-155 170 x 100 x 35 mm

19-156 250 x 140 x 40 mm

19-157 275 x 150 x 45 mm

Hospital Wares



19-158 - 165

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



19-166 - 170

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



19-173 - 176

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



19-171
∅ 110 x 28 mm 0.15L



19-172
100 cc 0.1L



19-177
235 x 190 x 40 mm



19-178
∅ 220 x 70 mm

Hospital Wares



19-179
∅ 50 x 100 mm
Powder Pot



19-180
∅ 50 x 75 mm
Methot With Lid



19-181
∅ 50 x 75 mm
Methot Without Lid



19-182



19-183



19-184



19-185 - 186

19-185 ∅ 235 mm
19-186 ∅ 310 mm

Needle Cases



19-187
Sauerbruch
210 x 125 x 17 mm



19-188
Sauerbruch
210 x 125 x 17 mm



19-189
150 x 95 x 13 mm



19-190
150 x 95 x 13 mm



19-191
150 x 95 x 13 mm



19-192
150 x 95 x 13 mm



19-193
150 x 95 x 13 mm



19-194
150 x 95 x 13 mm



19-195
150 x 95 x 11 mm

Storing Cases



19-199 - 209

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



19-196
Deponette
245 x 135 x 35mm



19-197
Deponette
245 x 135 x 50mm



19-198
Deponette
245 x 135 x 60mm

Sterilizing Baskets / Trays



19-210 - 212

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



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



19-213 - 218

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

Scissors with Tungsten Carbide Inserts



26-101
Standard

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



26-102
Standard

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



26-103
Standard

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



26-104
Standard

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



26-105
Standard

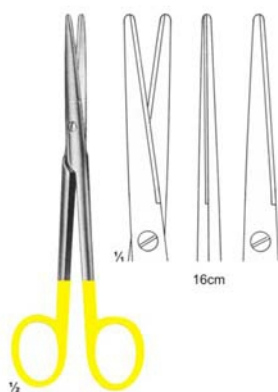
14,5cm
16,5cm
18,5cm



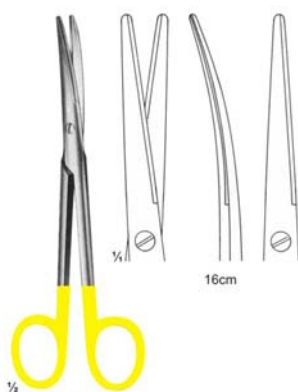
26-106
Standard

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

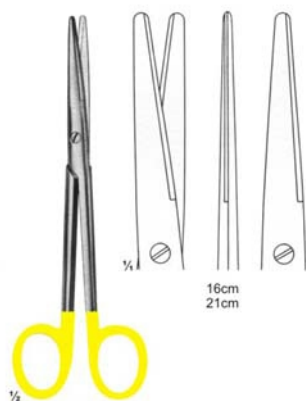
Scissors with Tungsten Carbide Inserts



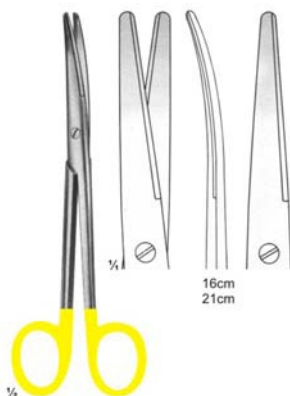
26-107
Mayo-Lexer



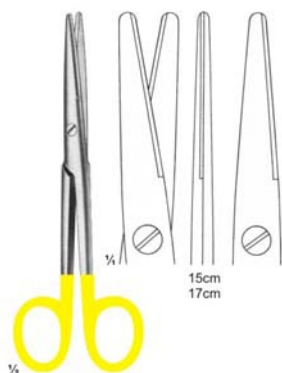
26-108
Mayo-Lexer



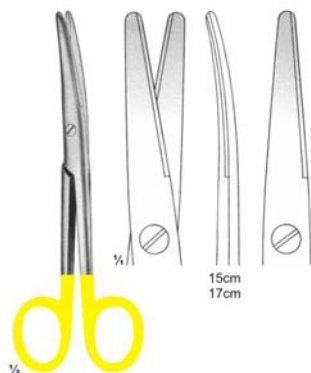
26-109
Lexer



26-110
Lexer



26-111
Mayo-Stille

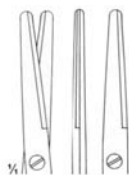


26-112
Mayo-Stille

Scissors with Tungsten Carbide Inserts



26-113
Metzenbaum



18cm
20cm
28cm
30cm

11,5cm
14,5cm
23,5cm
25,5cm



26-114
Metzenbaum

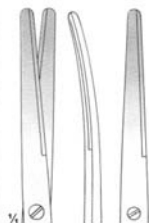


11,5cm
23cm

14,5cm
25cm



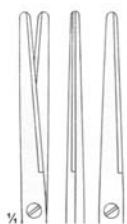
26-115
Metzenbaum



18cm
20cm
28cm
30cm



26-116
Metzenbaum-Fino



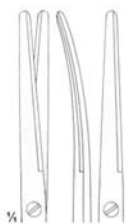
14cm
23cm

18cm
25cm

20cm
28cm



26-117
Metzenbaum-Fino



14cm
23cm

18cm
25cm

20cm
28cm



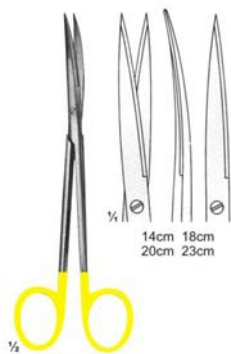
26-118
Metzenbaum-Fino



14cm
20cm

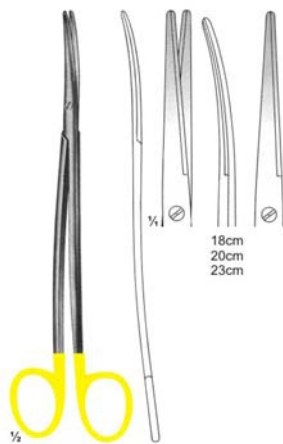
18cm
23cm

Scissors with Tungsten Carbide Inserts



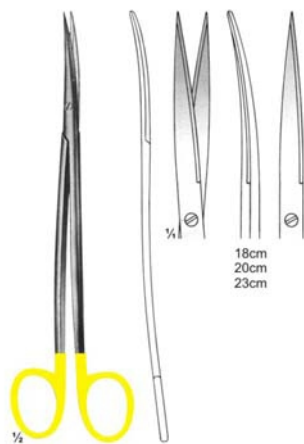
26-119
Metzenbaum-Fino

14cm 18cm
20cm 23cm



26-120
Metzenbaum-Fino

18cm
20cm
23cm



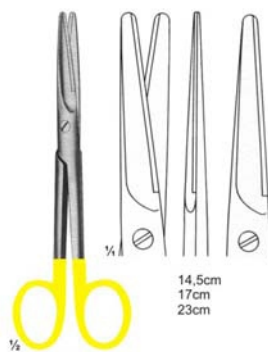
26-121
Metzenbaum-Fino

18cm
20cm
23cm



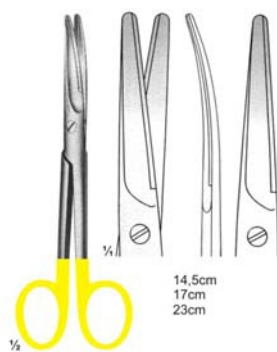
26-122
Metzenbaum

20cm
23cm



26-123
Mayo

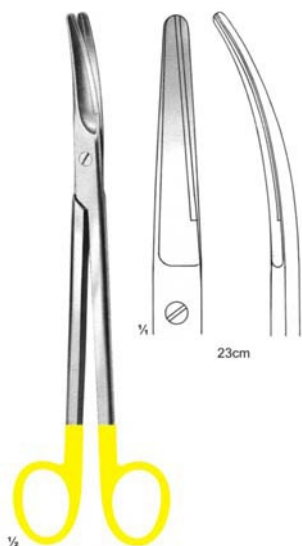
14,5cm
17cm
23cm



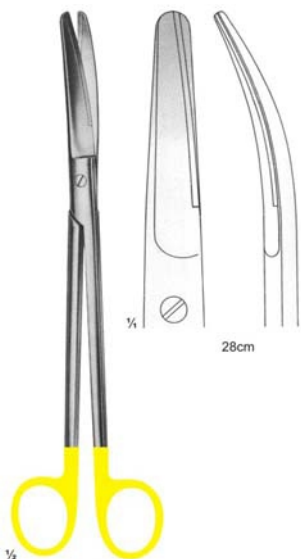
26-124
Mayo

14,5cm
17cm
23cm

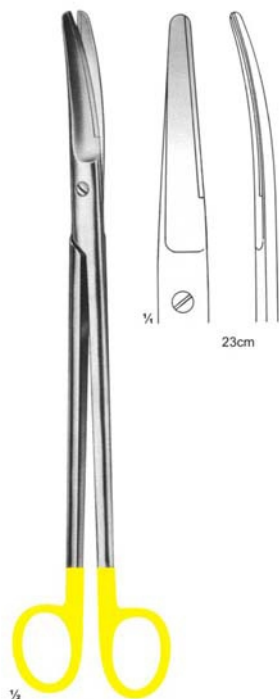
Scissors with Tungsten Carbide Inserts



26-125
Parametrium

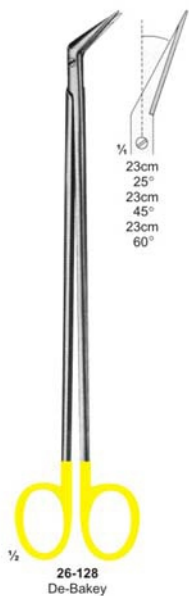


26-126
Mayo-Harrington

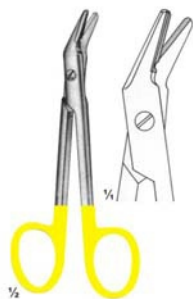


26-127
Sims

Scissors with Tungsten Carbide Inserts



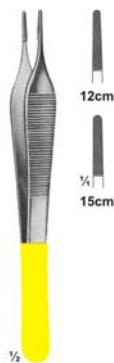
Scissors & Dissecting Forceps with Tungsten Carbide Inserts



26-136
Universal
12cm



26-137
Ligature Scissors
1 Black & 1 Goldplated ring



26-138
Adson



26-139
Cushing
17.5cm



26-140
Cushing
18cm



26-141
Cushing-Taylor
18cm



26-142
Dissecting Forceps
15cm

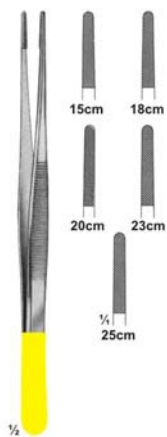


26-143
Semken
15cm

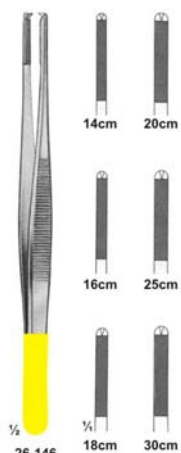
Dissecting Forceps and Needle holders with



26-144
Wangensteen



26-145
Potts-Smith



26-146
Oehler



26-147
Potts-Smith
22cm



26-148
Hepp-Scheidle
18cm



26-149
Castroviejo
14cm



26-150
Castroviejo
14cm



26-151
Arruga
16cm

Needle holders with Tungsten Carbide Inserts



26-152
Arruga
16cm



26-153
Castroviejo
13cm



26-154
Hegar
20cm 24cm



26-155
Halsey
13cm 15cm



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



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



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

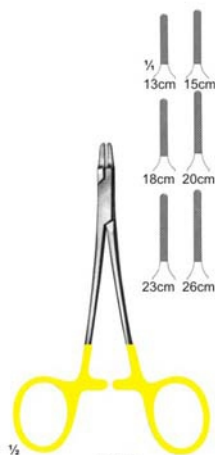
Needle holders with Tungsten Carbide Inserts



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



1/4
26-160
Stratte
22cm 23cm



1/4
26-161
Ryder
13cm 15cm 18cm
20cm 23cm 26cm



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

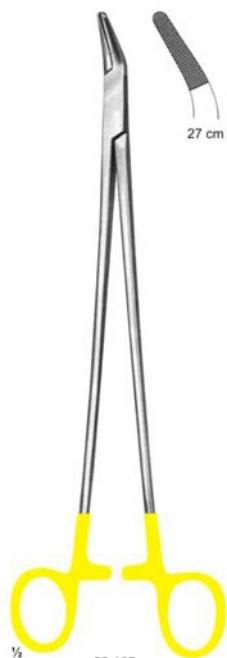


1/4
26-163
Martin
15cm 17cm 20cm



1/4
26-164
Sarat
18cm 20cm 26cm

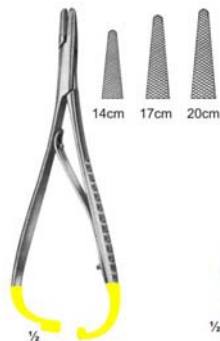
Needle holders with Tungsten Carbide Inserts



26-165
Finochietto
27cm



26-166
Heaney
20cm 24cm



26-167
Mathieu
14cm 17cm
20cm



26-168
Mathieu
12cm
20cm 23cm



26-169
Mathieu-Kosher
14cm 17cm
20cm 24cm



26-170
Mathieu-Kosher
17cm
20cm 24cm



26-171
Mathieu-Vascular
17cm
20cm 24cm

Needle holders with Tungsten Carbide Inserts



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



26-173
Lichtenberg
20cm



26-174
Langhals
20cm 25cm



26-175
Lichtenberg
20cm 25cm



26-176
Luehty-Beck
20cm 25cm



26-177
Luehty-Beck
20cm 25cm



26-178
Langebeck
18cm
20cm 23cm



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

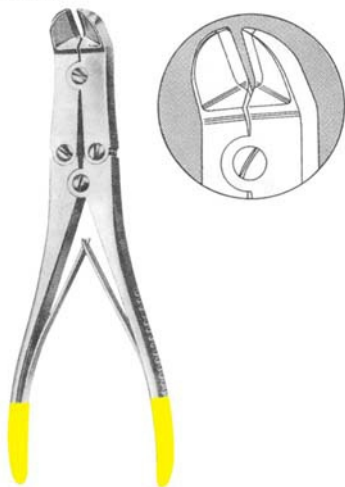
Wire Cutting Plier With T.C. Inserts



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



26-181
Cutting Plier
12 cm



26-182
MULLAR CLAUSS
22 cm



26-183
Plier
17.5 cm

Kidney Stone Forceps



08-186



08-187



08-188



1/4
08-189

1/4

08-186 - 08-189
RANDALL
225 mm



08-190



08-191



1/4
08-192

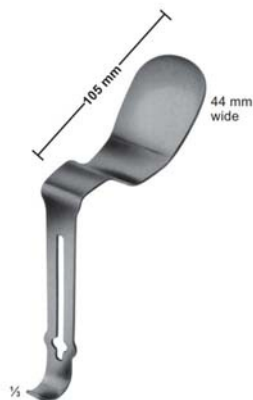
1/4

08-190 - 08-192
RANDALL
190 mm

Bladder Retractors



09-101
JUDD-MASSON
Bladder-and suprapubic
retractor



09-102
MILLIN
Center bladder for
retro pubic prostatectomy



09-103
MILLIN
Bladder retractor, complete
105X45 mm



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



09-105
KOCHER
Bladder spatula
235 mm



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