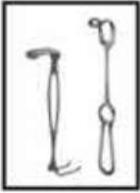
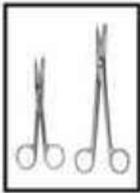
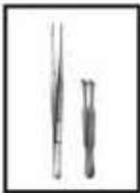
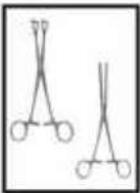
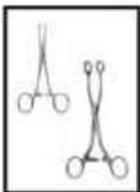
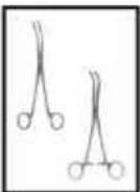
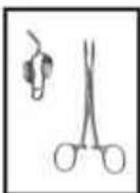
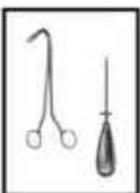
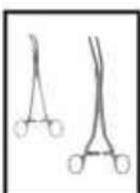
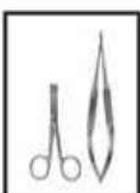




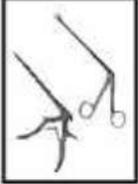
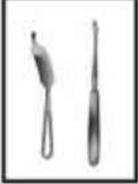
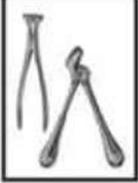
# AHMED STAR INSTRUMENTE

Manufacturer of Surgical instruments &  
Dental instruments & medical equipments

# Table Of Contents

	Page Seite			Page Seite	
Diagnostic, Anaesthesia and other instruments	1 - 10		Probes, Pocket Instruments sets	66 - 68	
Scalpels, knives and Scalpel Handles	11 - 14		Wound Retractors	69 - 80	
Scissors	15 - 31		Self-Retaining Retractors, Abdominal Retractors	81 - 85	
Dissecting-and Tissue Forceps	32 - 42		Abdominal Surgery Intestinal-and Rectal Instruments	86 - 93	
Sponge, Dressing and Tissue Grasping Forceps Towel Clamps	43 - 48		Gall Bladder-, Liver-and Spleen Instruments	94 - 96	
Vessel Clips, Bulldog Clamps Haemostatic Forceps	49 - 57		Genito-Urinary Instruments and Trocars	97 - 100	
Ligature, Hysterectomy and Compression Forceps Vaginal Clamps	58 - 60		Vaginal Specula and Uterine Dilators	101 - 106	
Needle Holders, Suture Instruments	61 - 65		Uterine Probes, Uterine Dressing-, Polypus-and Ovum Forceps	107 - 109	

# Table Of Contents

	Page Seite		Page Seite	
Biopsy Instruments and Curettes	110 - 116		Suction Instruments	158 - 166
Obstetrics and Tracheotomy	117 - 119			
Cardiovascular-and Thoracic Surgery	120 - 128			
Bone Punches, Rongeurs	129 - 134			
Elevators, Bone Levers, Raspatories, Bone Files, Bone Curettes	135 - 139			
Mallets, Chisels and Gouges	140 - 141			
Bone Holding Forceps, Bone Rongeurs, Bone Cutting Forceps	142 - 146			
Plaster Instruments	147 - 157			

## Percussion Hammers and Aesthesiometers



**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

½



**01-111**  
 wooden  
 Size: 145 mm

½



**01-112**  
 BOWLES  
 Stethoscope  
 with diaphragm

¼



**01-113**  
 ANESTOPHON

½



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

¼



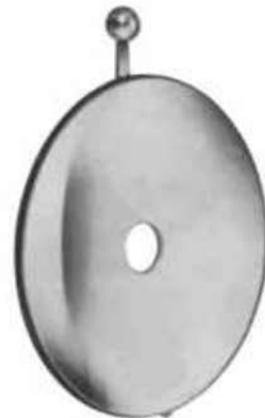
**01-115**  
 BOWLES

¼

## Head Mirrors and Head Bands



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



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



**01-118**  
 ZIEGLER  
 head band of plastic black

**01-119**  
 ZIEGLER  
 head band of plastic white



**01-120**  
 MURPHY  
 head band of celluloid, white

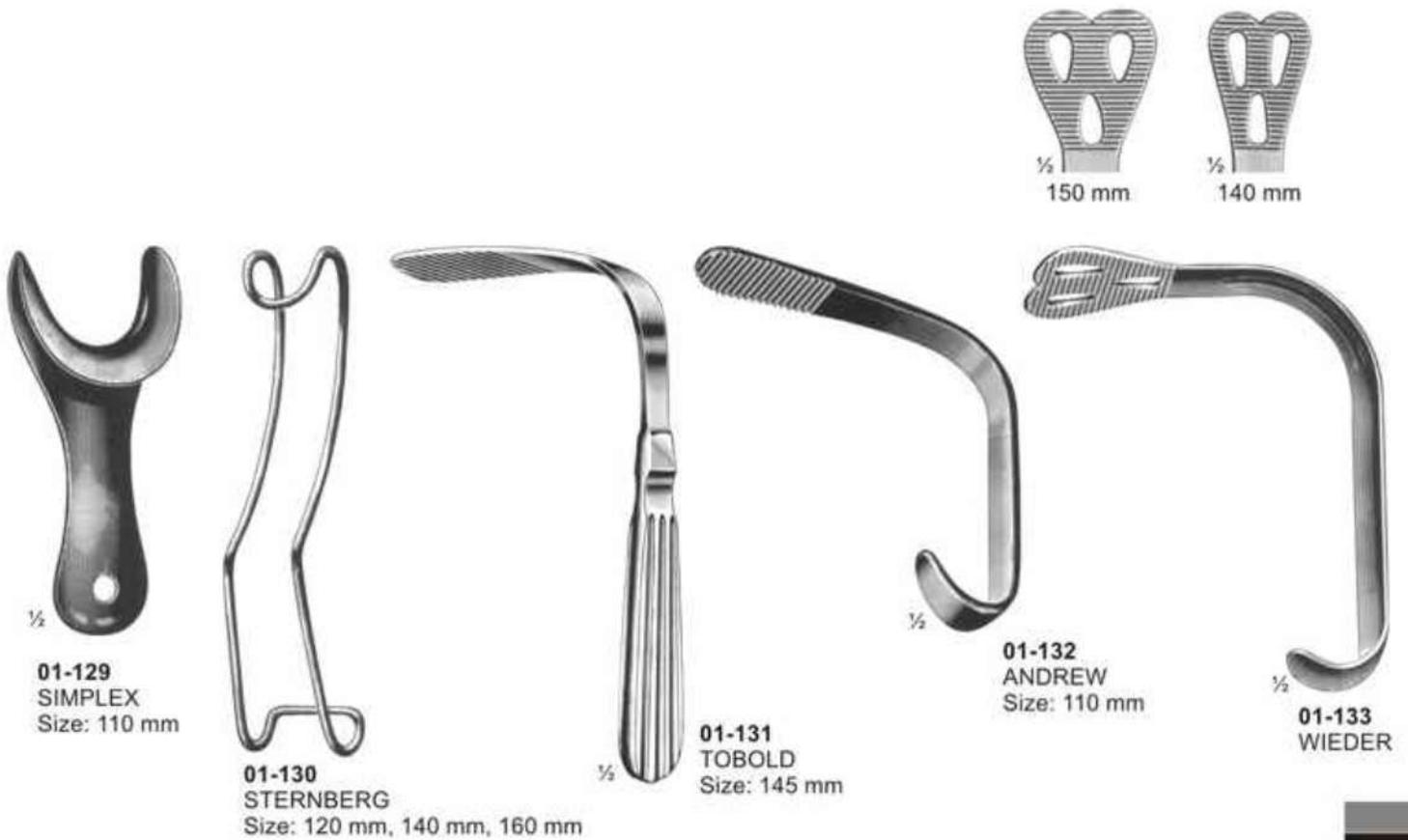
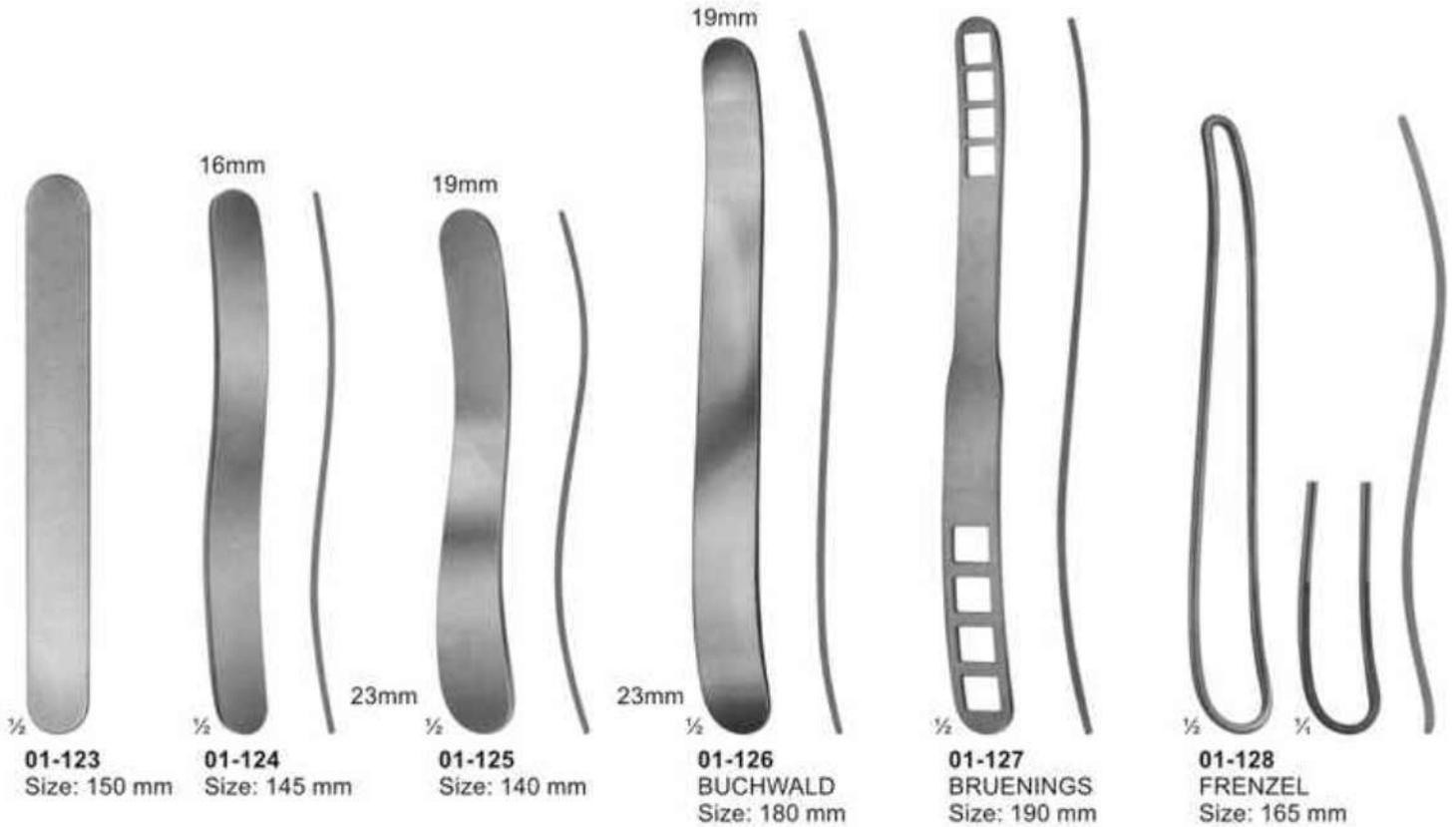


**01-121**  
 head band of plastic,  
 white, soft pattern



**01-122**  
 head mirror with black  
 plastic head band.

# Tongue Depressors



# Instruments for Anaesthesia and Tongue Forceps



1/2  
**01-134**  
SCHIMMELBUSCH  
Ether mask



1/2  
**01-135**  
HEISTER  
Mouth gag  
Size: 130 mm



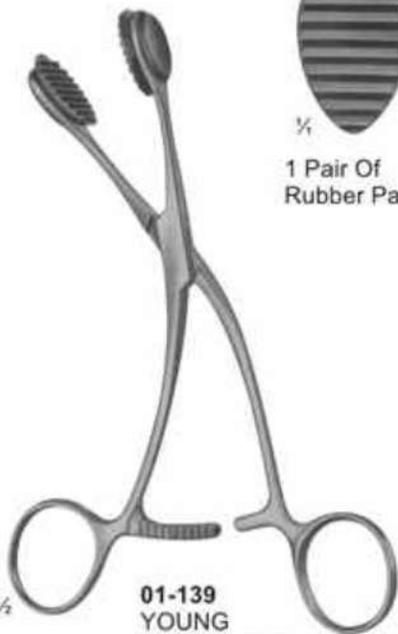
1/2  
**01-136**  
FERGUSSON-ACKLAND  
Mouth gag  
Size: 145 mm



1/2  
**01-137**  
DENHARDT  
Mouth gag with silicon  
inserts, interchangeable  
Size: 125 mm



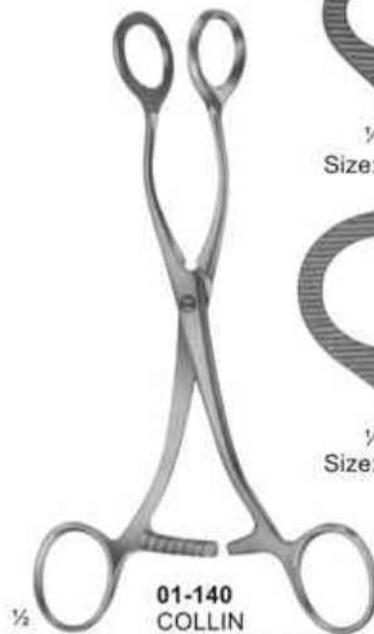
1/2  
**01-138**  
ROSER KOENIG  
Mouth gag  
Size: 160 mm, 185 mm



1/2  
**01-139**  
YOUNG  
Size: 165 mm



1/4  
1 Pair Of  
Rubber Pads



1/2  
**01-140**  
COLLIN  
Size: 160 mm,  
170 mm



1/4  
Size: 160 mm



1/4  
Size: 170 mm

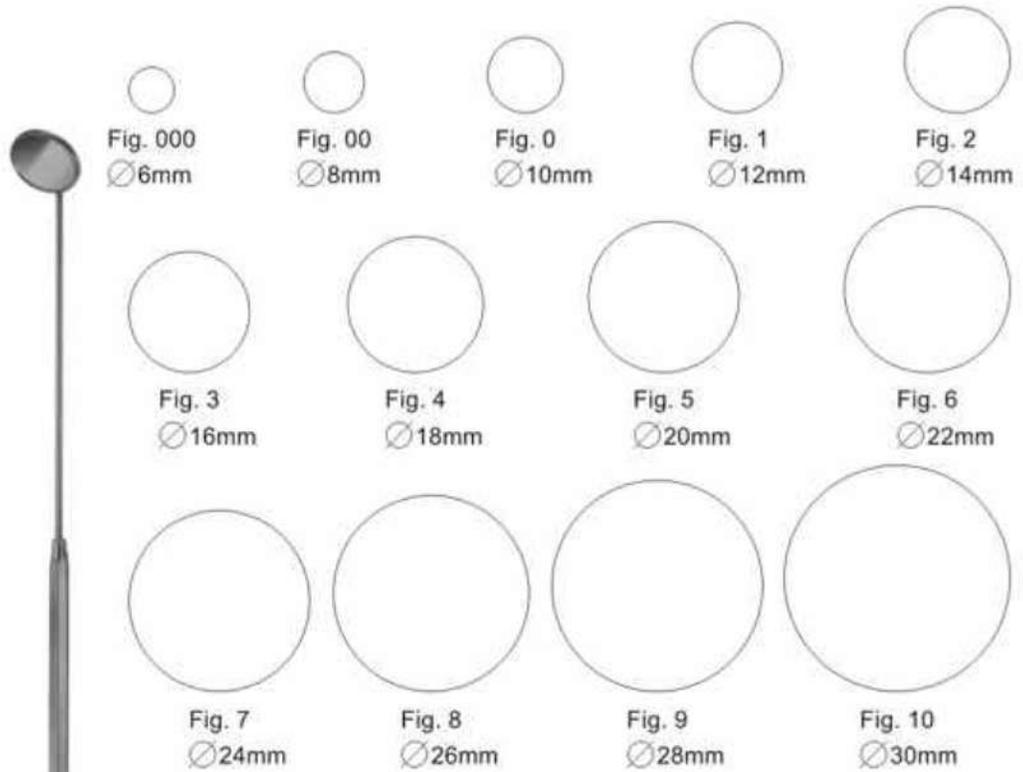


1/2  
**01-141**  
HEYWOOD-SMITH  
modif. Size: 215 mm

# Blood Lancets and Laryngeal Mirrors



**01-142**  
FRANCKE  
Automatic blood lancet



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



**01-148**  
Spare mirrors only  
Size: 12 mm



**01-149**  
Spare mirrors only  
Size: 14 mm



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



**01-145**  
Mirror handle  
Size: 110 mm



**01-146**  
Mirror handle  
Size: 105 mm



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

## Laryngoscope and Diagnostic Sets



**01-150**  
 Infants  
 Size: 150 mm



**01-151**  
 Children  
 Size: 200 mm



**01-152**  
 Adults  
 Size: 250 mm



**01-150 - 152**  
 MAGILL



**01-154**



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



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



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



**01-155**



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

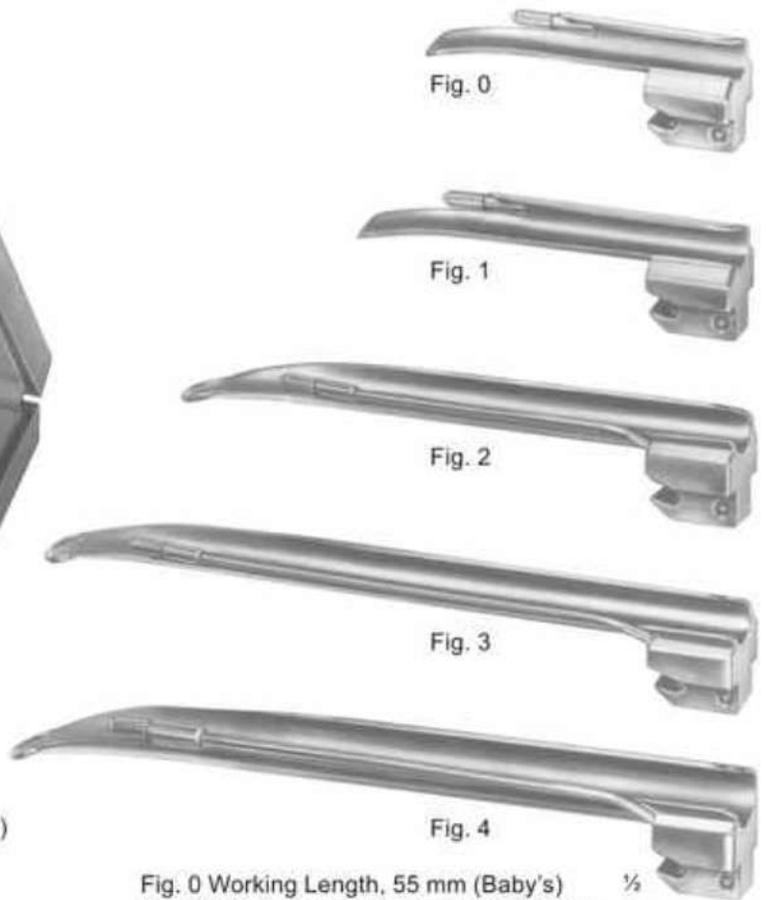


Fig. 0 Working Length, 55 mm (Baby's)  
Fig. 1 Working Length, 80 mm (Children's)  
Fig. 2 Working Length, 130 mm (Adolescent's)  
Fig. 3 Working Length, 170 mm (Women's)  
Fig. 4 Working Length, 180 mm (Men's)



**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



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

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



Fig. 0



Fig. 1



Fig. 2



Fig. 3



Fig. 4

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



Fig. 1



Fig. 2



Fig. 3

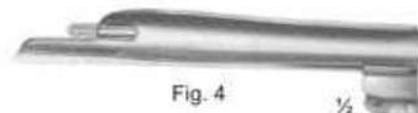


Fig. 4

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



**01-164**  
Fiber Optic  
Battery Handle  
30mm diam.



**01-165**  
Fiber Optic  
Battery Handle  
18mm diam.



**01-166**  
Replacement Lamp  
( Krypton ) 2.5 V



**01-167**  
Replacement Lamp  
( Halogen ) 2.5 V

# Examination & Measuring Instruments



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



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



**01-170**  
CARROLL  
Size: 145 mm  
Finger Goniometer



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



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



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



**01-174**  
CASTROVIEJO  
Caliper  
Size: 75mm



**01-175**  
MOLTGEN  
Goniometer



**01-176**  
Size: 150 mm



**01-177**  
Size: 500 mm



# Dissecting Knives



1/2

**02-101 - 110**  
 Fig. 1 - 10



1/4

**02-101**  
 Fig. 1  
 30 mm



**02-102**  
 Fig. 2  
 36 mm



**02-103**  
 Fig. 3  
 40 mm



**02-104**  
 Fig. 4  
 45 mm



**02-105**  
 Fig. 5  
 50 mm



1/4

**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	02-115 CATLIN Size: 160 mm	02-116 LANGENBECK Size: 120 mm	02-117 Size: 110 mm Blade length	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
02-112 Size: 160 mm	Blade length Amputating Knives	Blade length Flap Knives	Interosseous Knives				
02-113 Size: 190 mm							
02-114 Size: 200 mm							

Blade length  
 Amputating Knives

# Cone Knives, Myomatome, Trigeminal and Tonsil Knives



1/4

**02-122**  
 AYRE  
 Size: 235 mm  
 Cone Knife

1/4

**02-123**  
 Size: 230 mm  
 Cone Knife

1/4

**02-124**  
 SEGOND  
 Size: 270 mm  
 Myomatome

1/4

1/4

**02-125**  
 OLIVECRONA  
 Size: 205 mm  
 Trigeminal  
 Knife

1/4

**02-126**  
 Size: 230 mm  
 Trigeminal  
 Knife

1/4

**02-127**  
 FOWLER  
 Size: 200 mm  
 Tonsil Knife

1/4

**02-128**  
 ABRAHAM  
 Size: 215 mm  
 Tonsil Knife

1/4

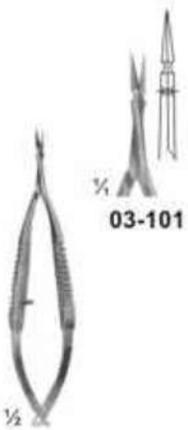
**02-129**  
 BRUNINGS  
 Size: 215 mm  
 Tonsil Knife

# Scalpel Handles



¼	¼	¼	¼	¼	¼	¼	¼	¼	¼
<b>02-130</b> STANDARD No. 3 Solid 12 cm	<b>02-131</b> No. 3 Solid 12 cm	<b>02-132</b> No. 3 Solid 12 cm	<b>02-133</b> No. 3 L Straight Solid 21.5 cm	<b>02-134</b> No. 3 L Angled Solid 21 cm	<b>02-135</b> No. 7 Solid 16 cm	<b>02-136</b> No. 7 K Solid 12.5 cm	<b>02-137</b> Hollow-Round 15.5 cm	<b>02-138</b> No. 3 Straight Solid, Round 14.5 cm	<b>02-139</b> No. 3 Angled Solid, Round 14 cm

## Micro Scissors (Spring Type) with Flat Handles



03-101



03-102



03-103

**03-101 - 103**  
VANNAS  
Size: 85 mm



03-104

**03-104 - 105**  
CASTROVIEJO  
Size: 95 mm

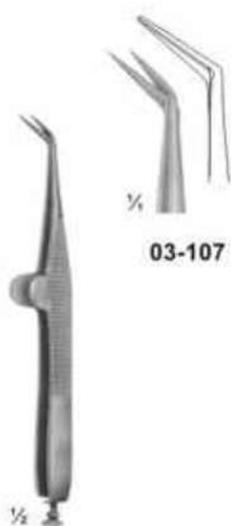


03-105



1/4

**03-106**  
NOYES  
Size: 125 mm

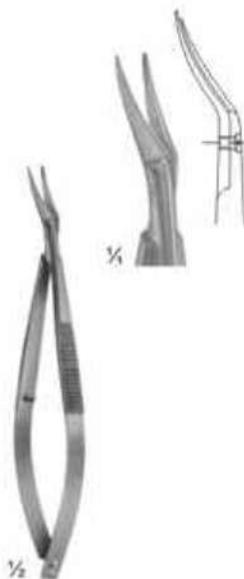


03-107



03-108

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



1/4

**03-109**  
CASTROVIEJO  
Eye scissor  
Size: 115 mm



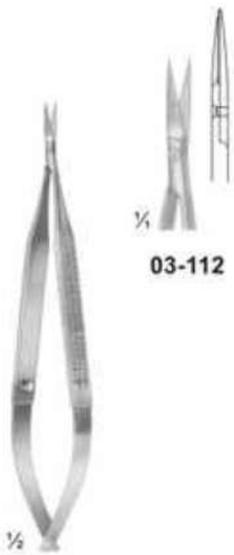
1/4



03-111

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

# Micro Scissors (Spring Type) with Flat Handles

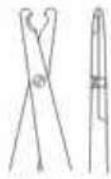


03-112



03-113

03-112 - 113  
 Size: 120 mm



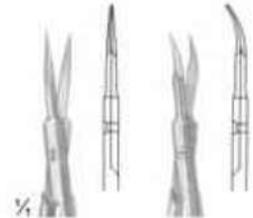
03-114  
 BIEMER  
 Vein scissor  
 Size: 130 mm



03-115  
 Size: 160 mm

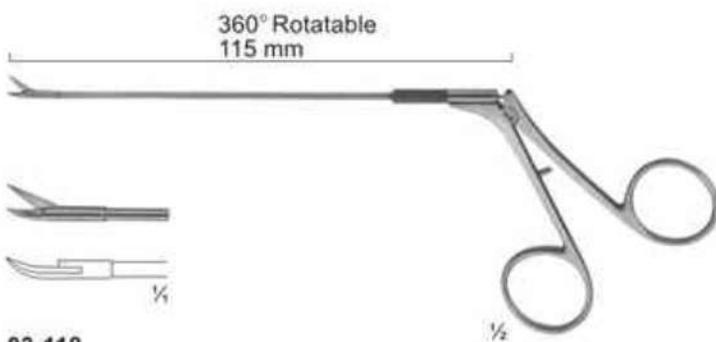


03-116 - 117  
 VANNAS  
 Size: 160 mm

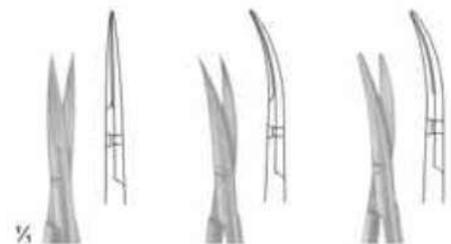


03-116

03-117



03-118  
 CASPAR  
 Micro scissor curved  
 Size: 115 mm



03-119

03-120

03-121



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

# Micro Scissors (Spring Type) bayonet-Shaped



1/2  
**03-122**  
 YASARGIL  
 Size: 245 mm



1/2  
**03-123**  
 45°



1/2  
**03-124**  
 45°



125°

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



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



1/2  
**03-126**



1/2  
**03-127**



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

## Delicate Scissors



03-128

03-129

03-128 - 129  
 Size: 90 mm



03-130

03-131

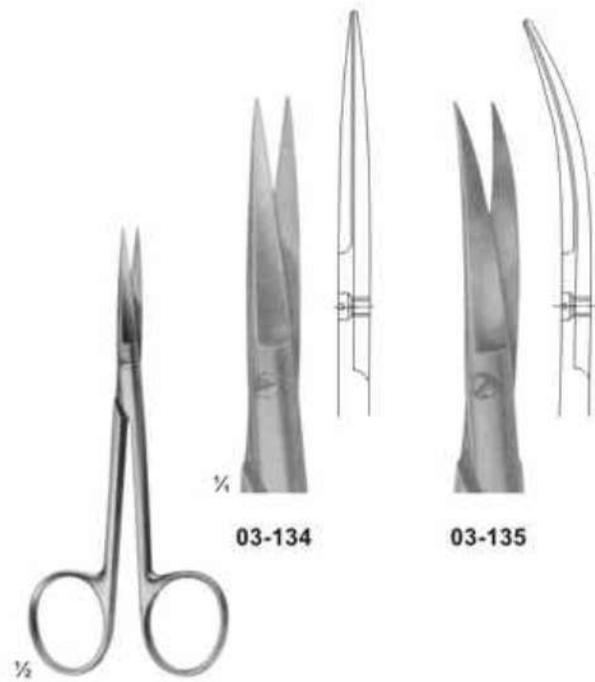
03-130 - 131  
 Size: 95 mm



03-132

03-133

03-132 - 133  
 Size: 105 mm



03-134

03-135

03-134 - 135  
 Size: 120 mm



03-136

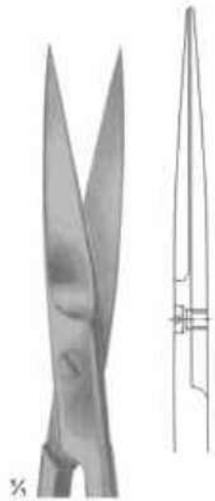
03-137

03-136 - 137  
 Size: 115 mm

## Delicate Scissors



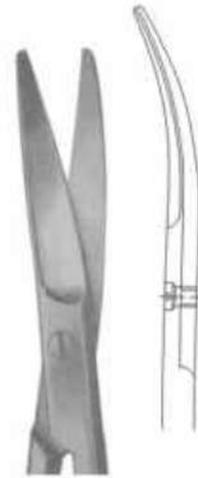
**03-138 - 140**  
 Size: 120 mm



**03-138**



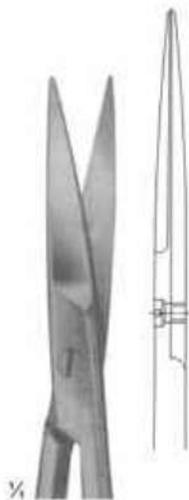
**03-139**



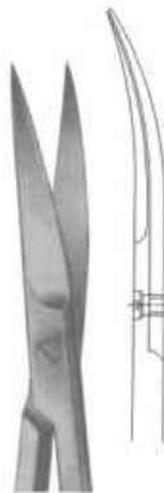
**03-140**



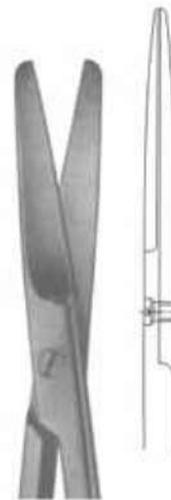
**03-141 - 144**  
 Size: 130 mm



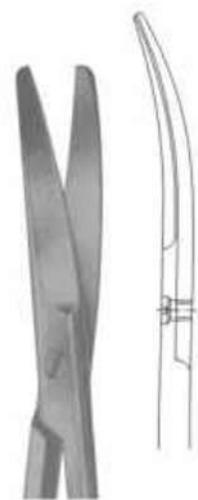
**03-141**



**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

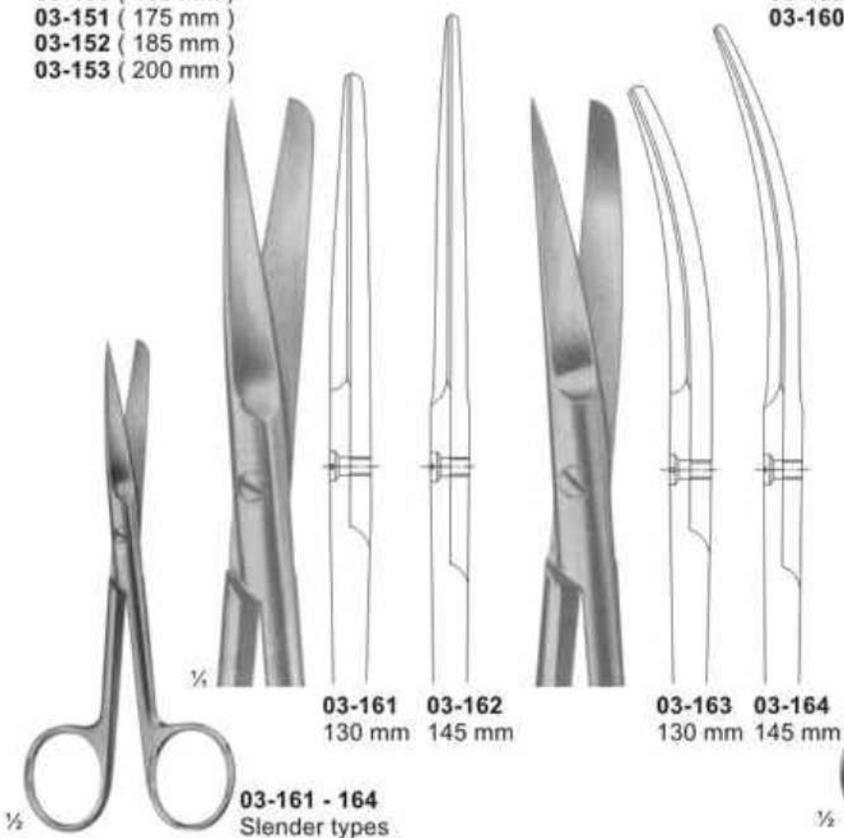
**03-153**  
Size: 200 mm



**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

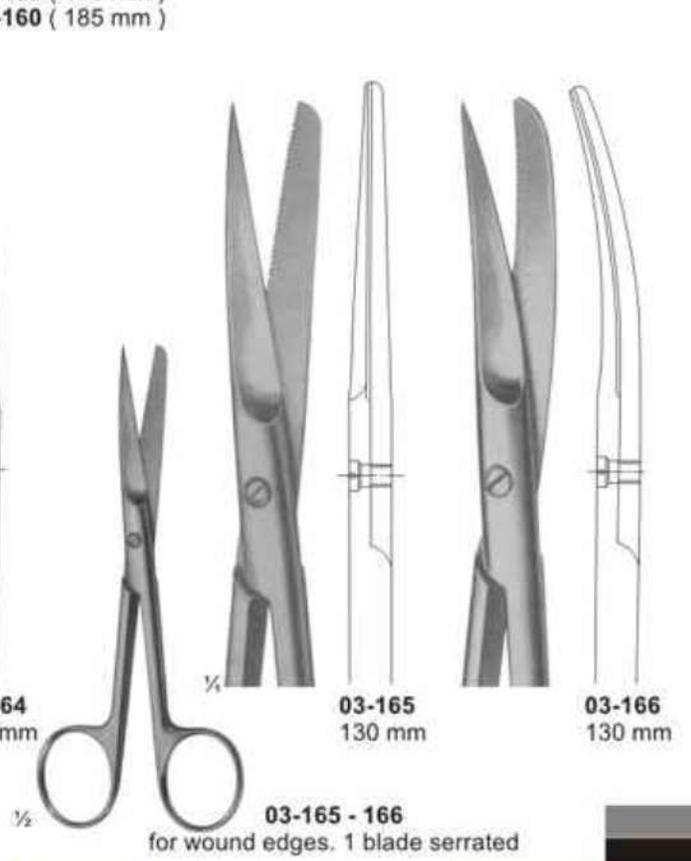
**03-160**  
Size: 185 mm



**03-161 - 164**  
Slender types

**03-161**  
130 mm

**03-162**  
145 mm



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

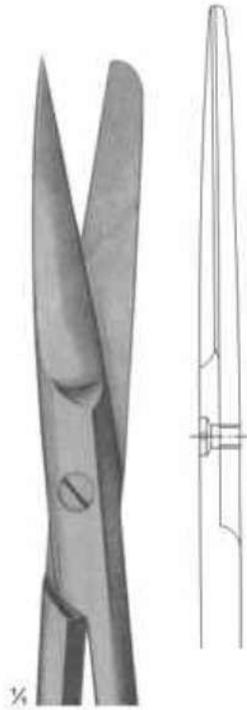
**03-165**  
130 mm

**03-166**  
130 mm

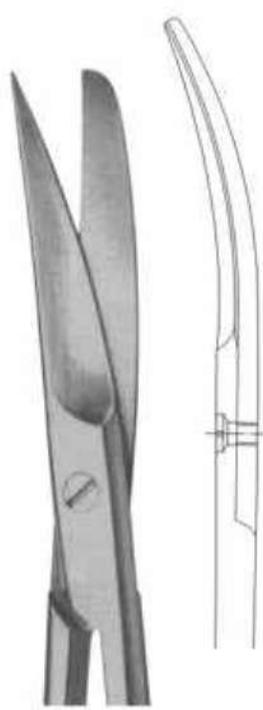
# Surgical Scissors



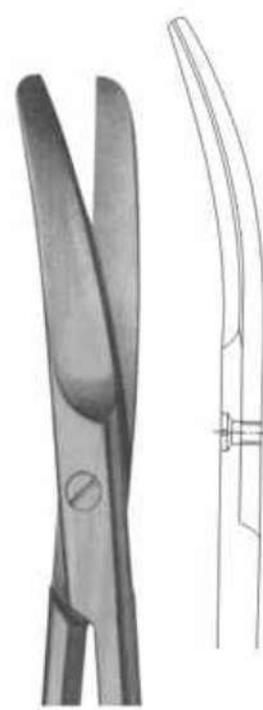
**03-167 - 169**  
 DEAVER  
 with flat lock



**03-167**  
 Size: 145 mm



**03-168**  
 Size: 145 mm



**03-169**  
 Size: 145 mm



**03-170 - 172**  
 Incision scissors



**03-170**  
 Size: 130 mm



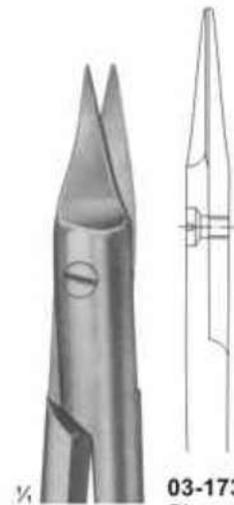
**03-171**  
 Size: 145 mm



**03-172**  
 Size: 165 mm

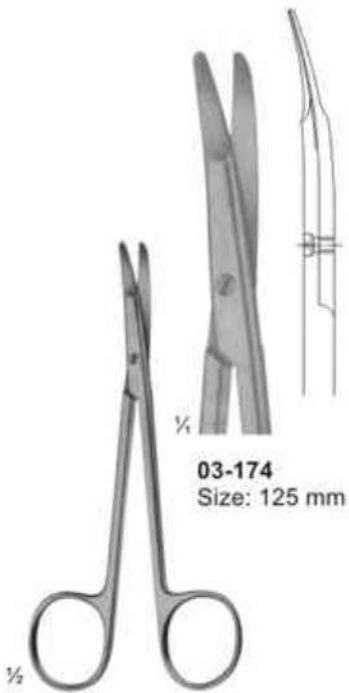


**03-173**  
 SYSTRUNK  
 Nail splitting scissors

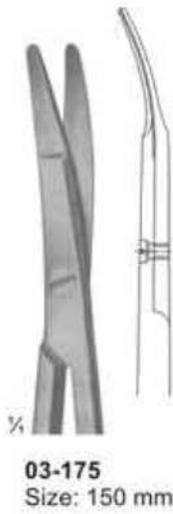


**03-173**  
 Size: 130 mm

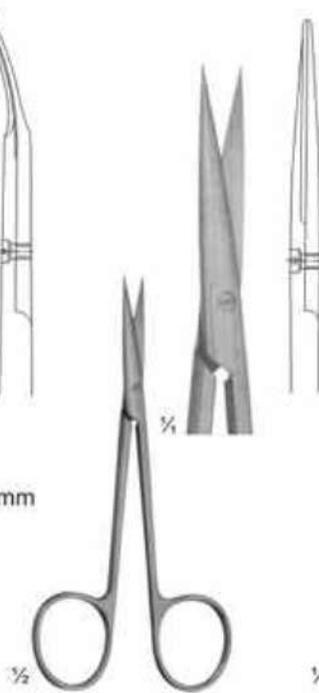
# Dissecting Scissors



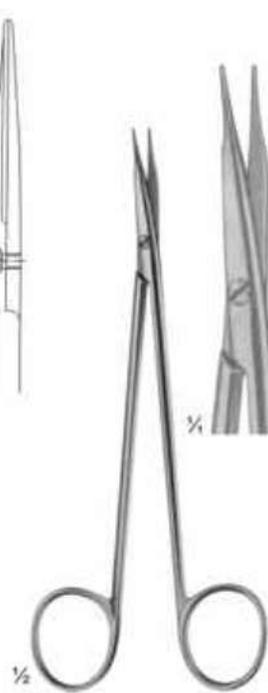
**03-174**  
 Size: 125 mm



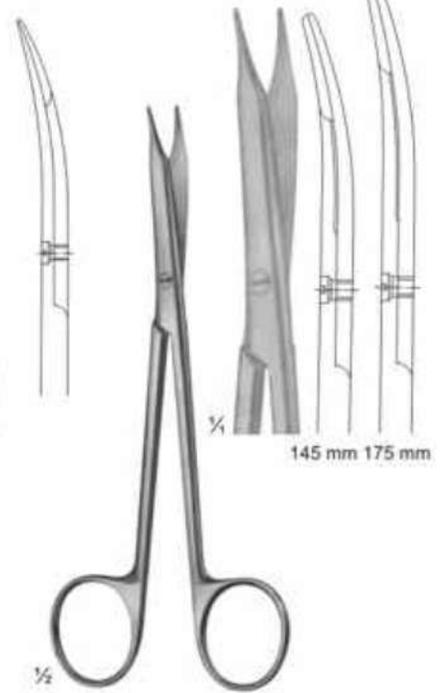
**03-175**  
 Size: 150 mm



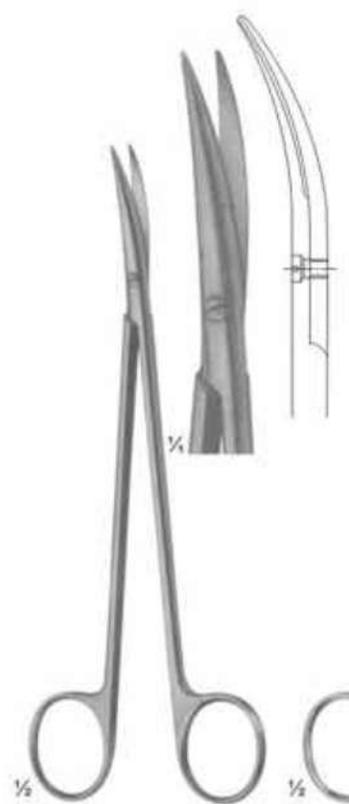
**03-176**  
 KILNER  
 Fine dissecting scissors  
 Size: 115 mm



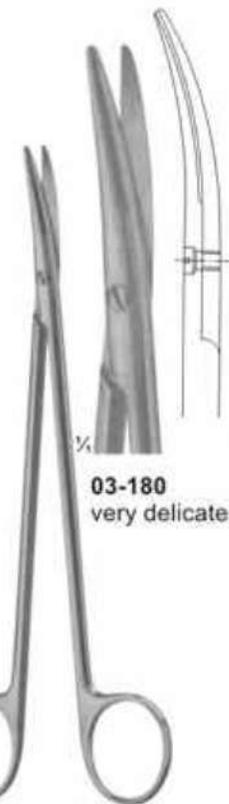
**03-177**  
 JAMESON  
 Dissecting scissors  
 Size: 150 mm



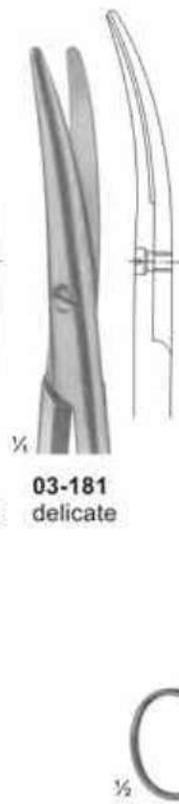
**03-178**  
 REYNOLDS  
 Dissecting scissors  
 Size: 145 - 175 mm



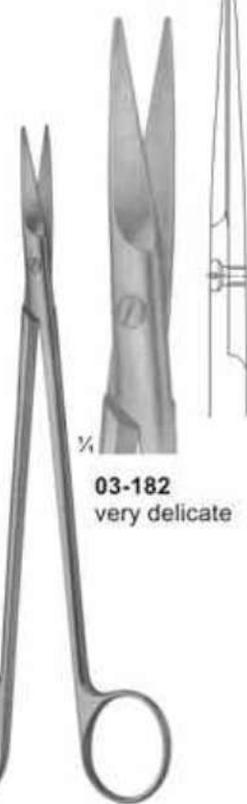
**03-179**  
 DE BAKEY  
 Arteriotomy scissors  
 Size: 175 mm



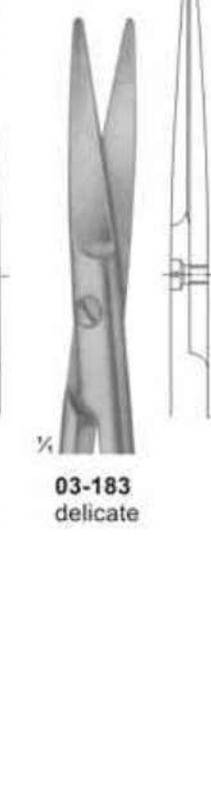
**03-180**  
 very delicate



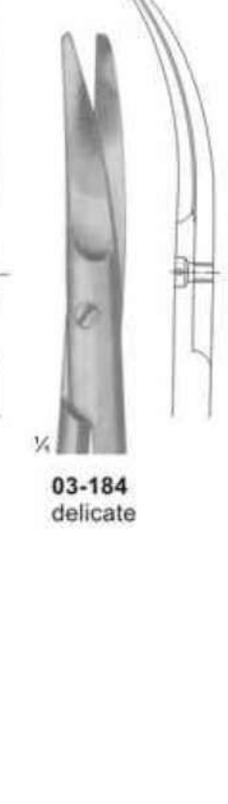
**03-181**  
 delicate



**03-182**  
 very delicate



**03-183**  
 delicate

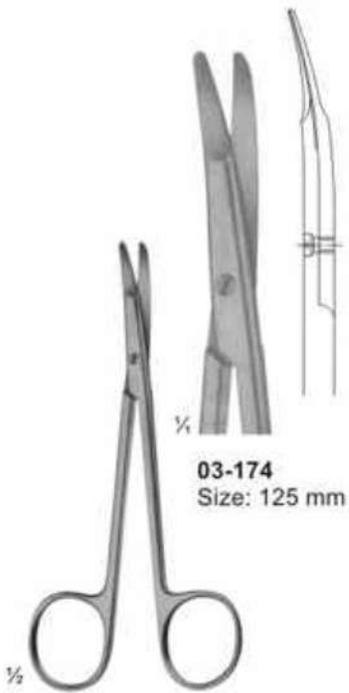


**03-184**  
 delicate

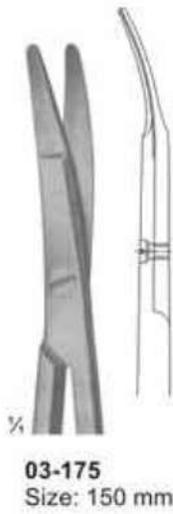
**03-180 - 181**  
 TOENNIS ADSON  
 Dissecting scissors  
 Size: 175 mm

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

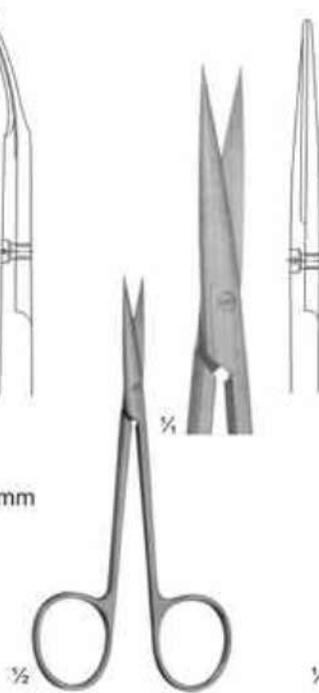
# Dissecting Scissors



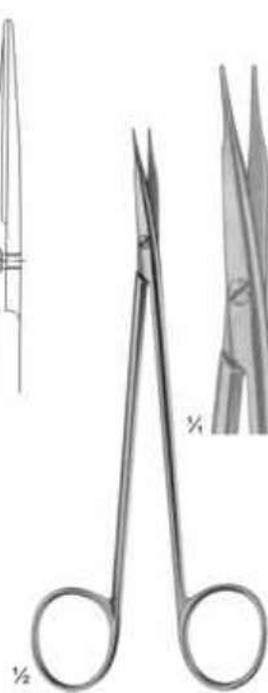
**03-174**  
 Size: 125 mm



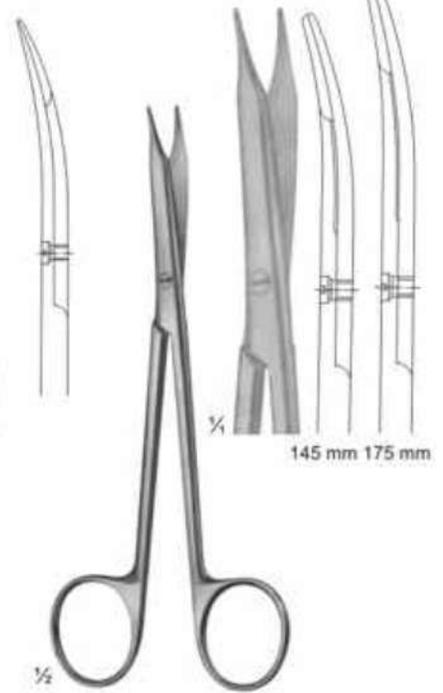
**03-175**  
 Size: 150 mm



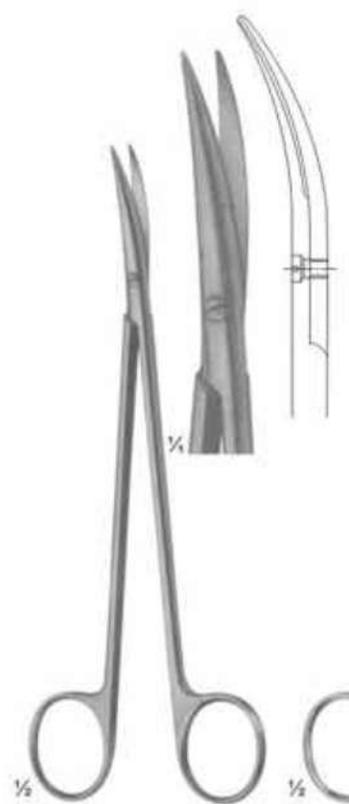
**03-176**  
 KILNER  
 Fine dissecting scissors  
 Size: 115 mm



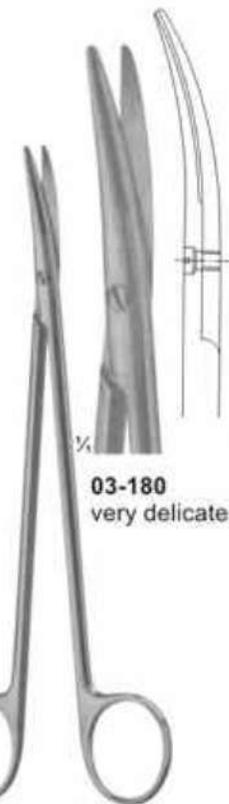
**03-177**  
 JAMESON  
 Dissecting scissors  
 Size: 150 mm



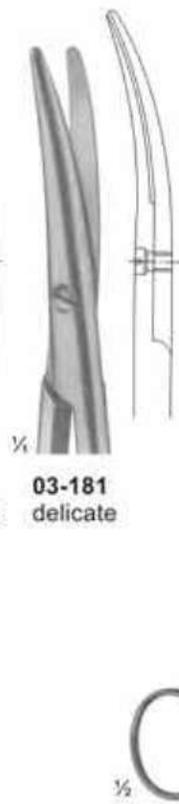
**03-178**  
 REYNOLDS  
 Dissecting scissors  
 Size: 145 - 175 mm



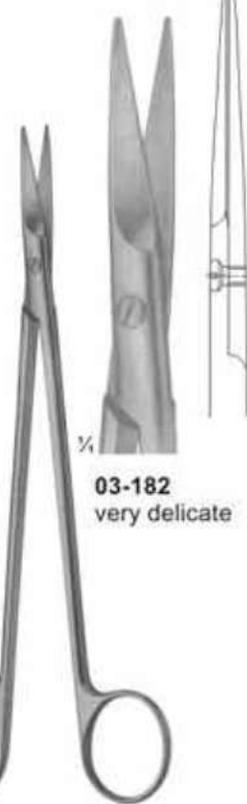
**03-179**  
 DE BAKEY  
 Arteriotomy scissors  
 Size: 175 mm



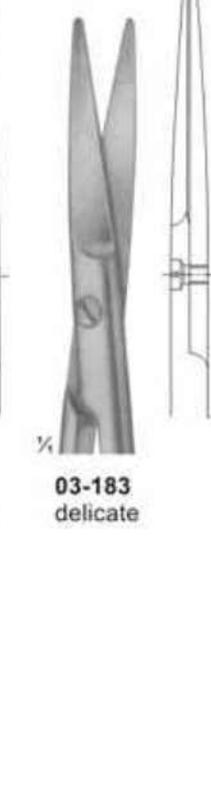
**03-180**  
 very delicate



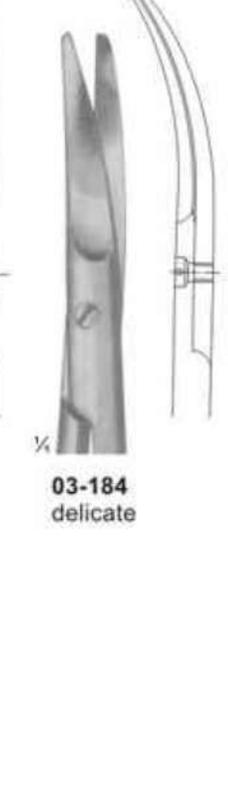
**03-181**  
 delicate



**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

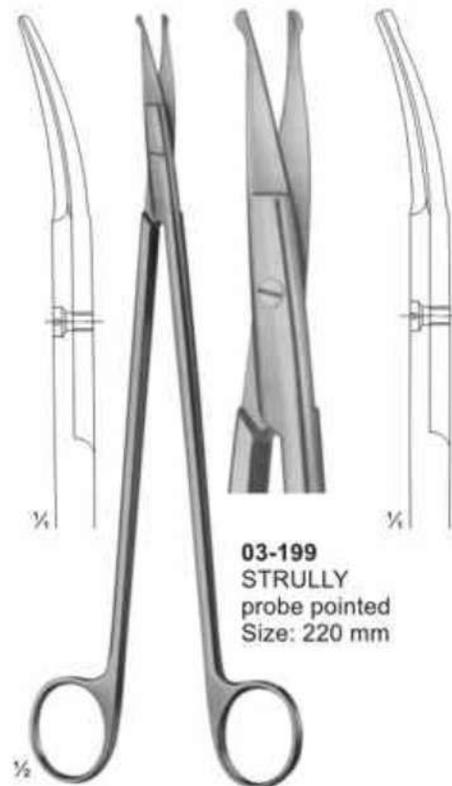
# Scissors for Cardiovascular and Neuro-Surgery



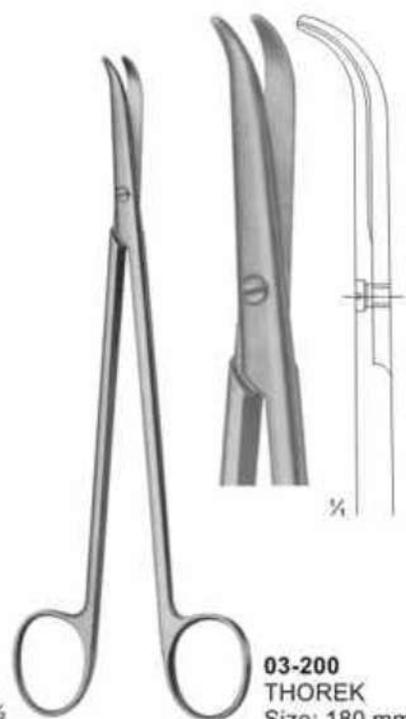
**03-197**  
**OLIVECRONA**  
 Dura scissors



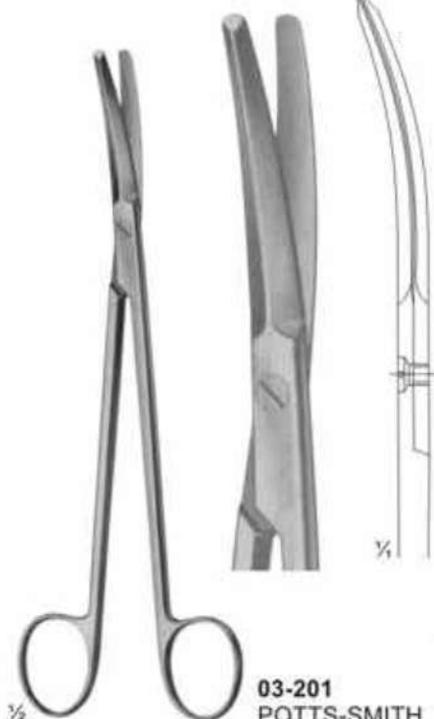
**03-198**  
**STRULLY**  
 pointed  
 Size: 220 mm



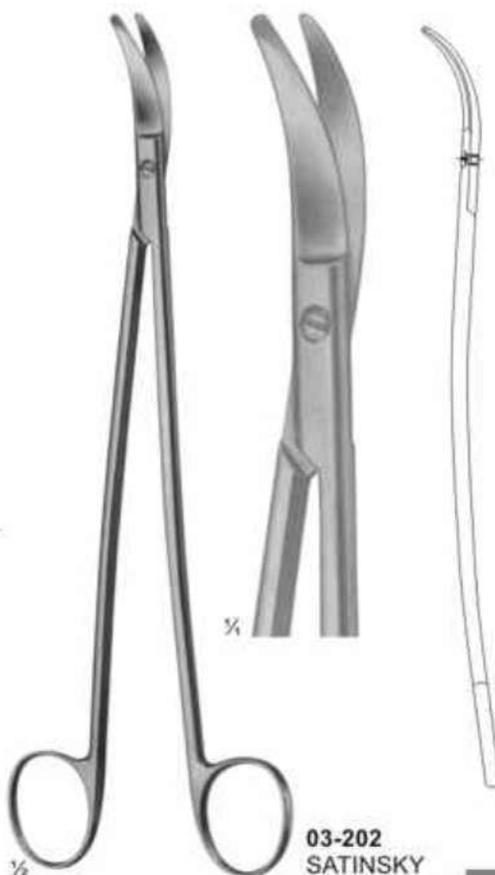
**03-199**  
**STRULLY**  
 probe pointed  
 Size: 220 mm



**03-200**  
**THOREK**  
 Size: 180 mm

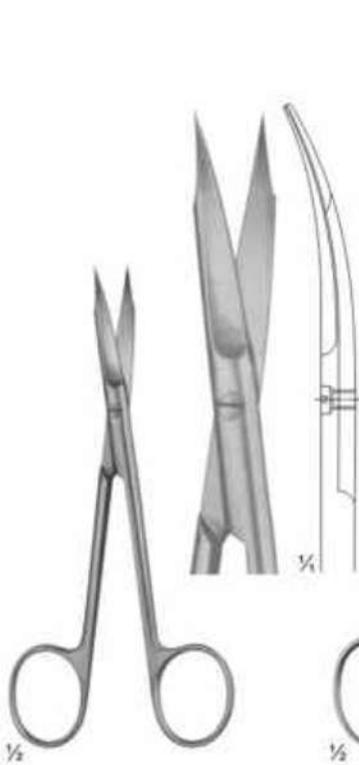


**03-201**  
**POTTS-SMITH**  
 Size: 190 mm

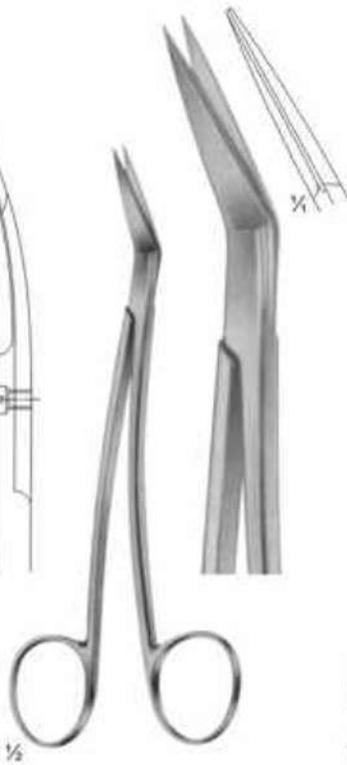


**03-202**  
**SATINSKY**  
 Size: 245 mm

## Delicate, Nasal and Tonsil Scissors



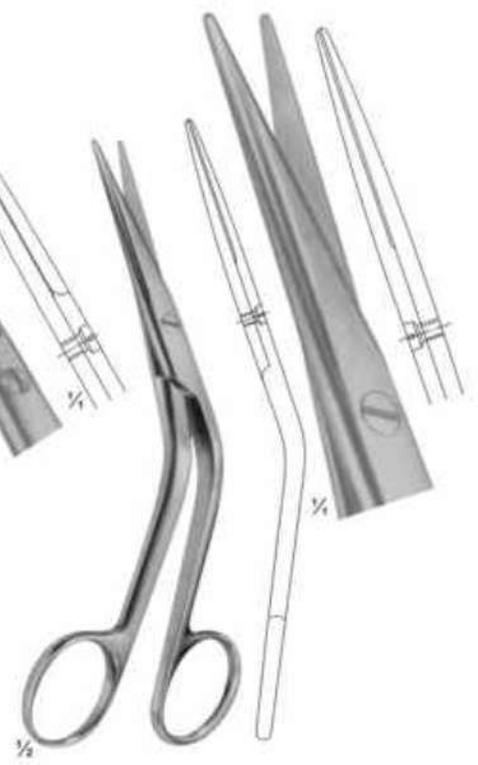
**03-203**  
1 finely toothed blade  
Size: 130 mm



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



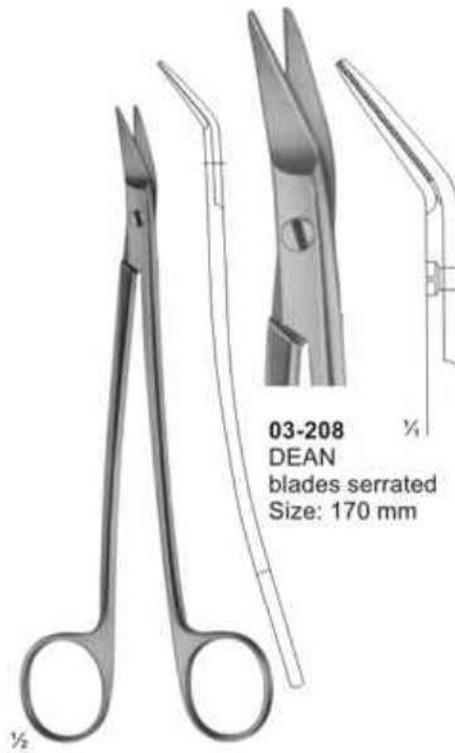
**03-205**  
FOMON  
blades serrated  
Size: 145 mm



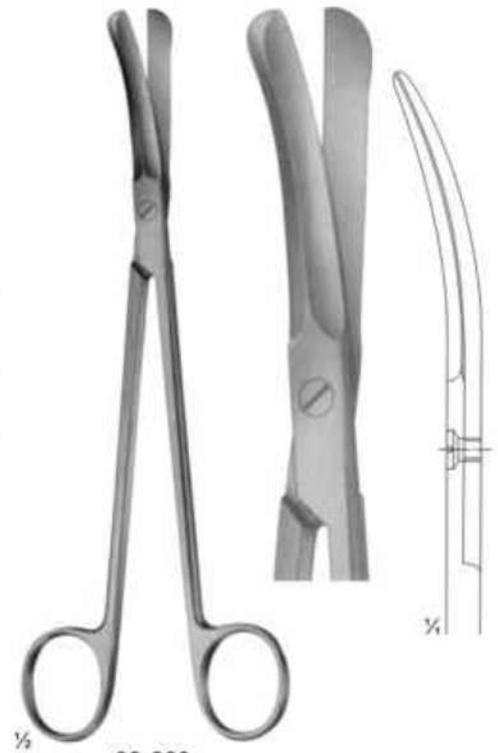
**03-206**  
COTTLE  
Size: 165 mm



**03-207**  
HEYMANN-KNIGHT  
Size: 175 mm

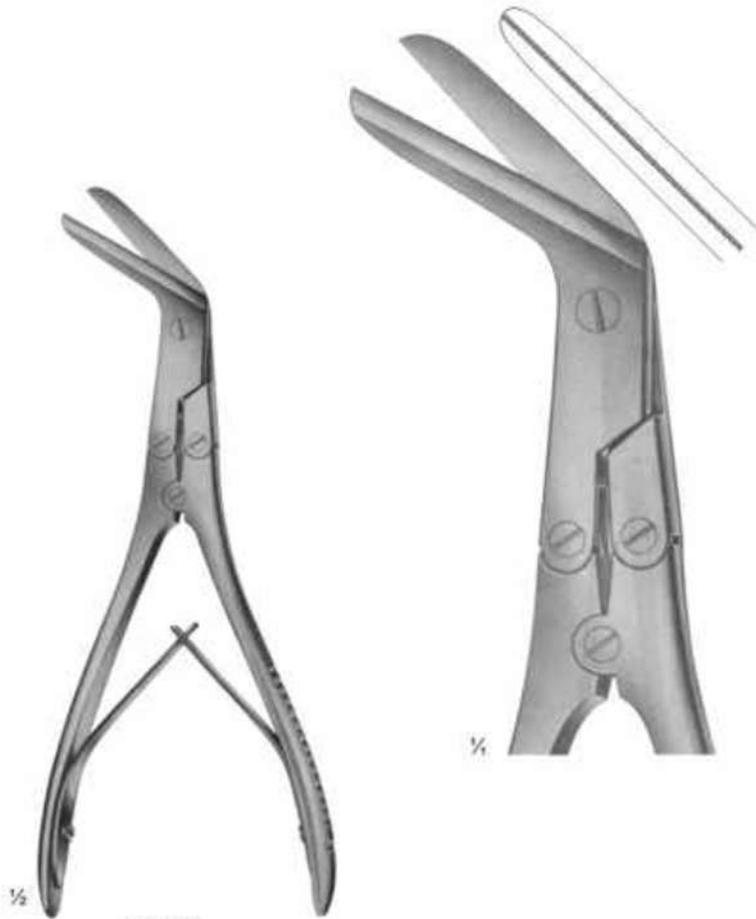


**03-208**  
DEAN  
blades serrated  
Size: 170 mm



**03-209**  
GOOD  
Size: 195 mm

# Bone Shears



**03-210**  
 KILLIAN  
 Size: 200 mm



**03-211 - 03-212**



**03-211**  
 195 mm



1/2

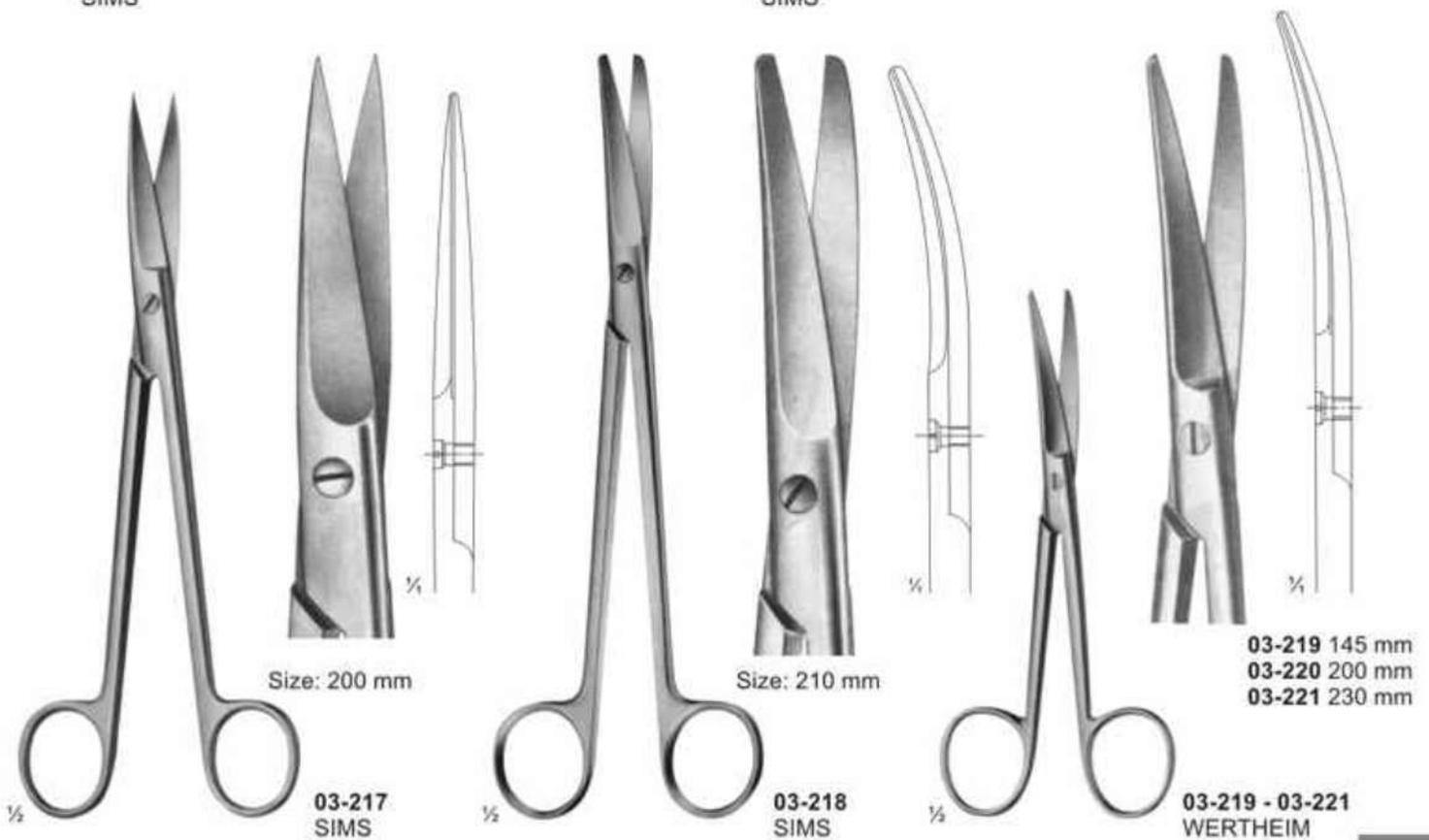
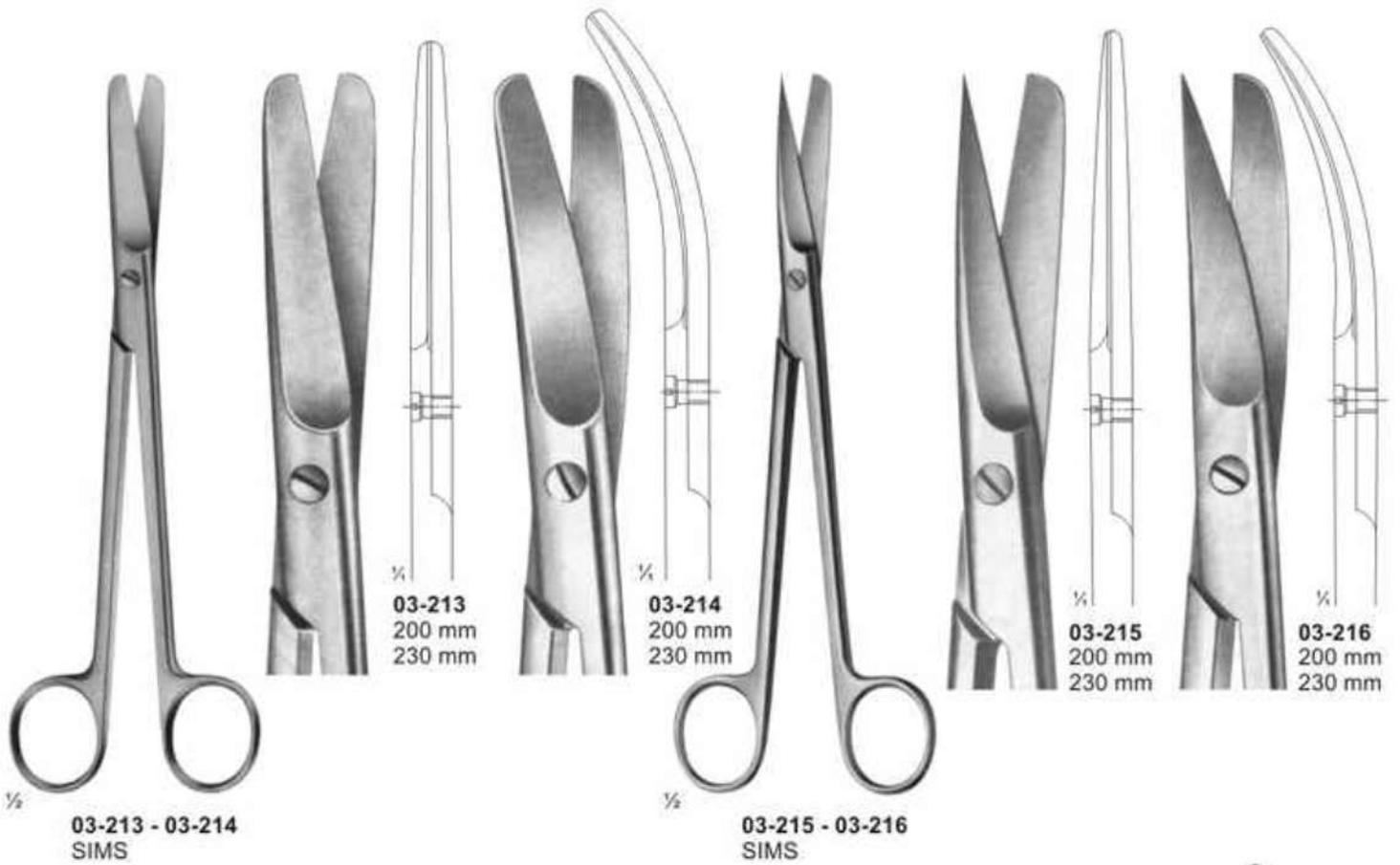


**03-212**  
 225 mm



1/2

# Scissors for deep operations and for Gynaecology



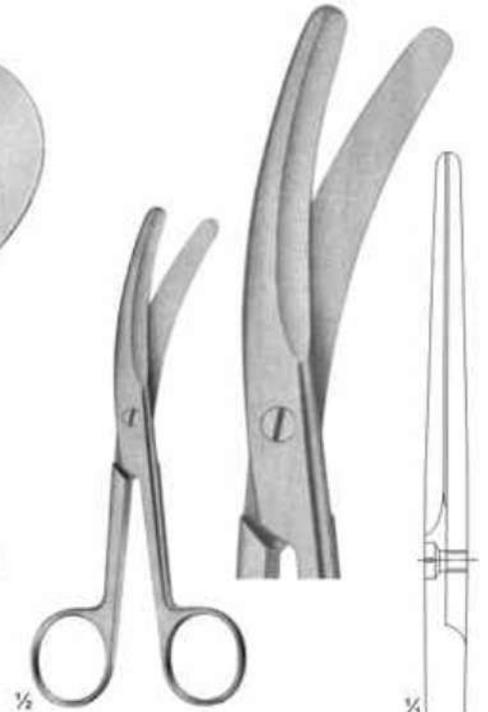
## Scissors for Obstetrics



**03-222**  
**SCHUMACHER**  
 Umbilical cord scissors  
 Size: 155 mm



**03-223**  
 Umbilical cord scissors  
 Size: 105 mm



**03-224**  
 Umbilical cord scissors

135 mm



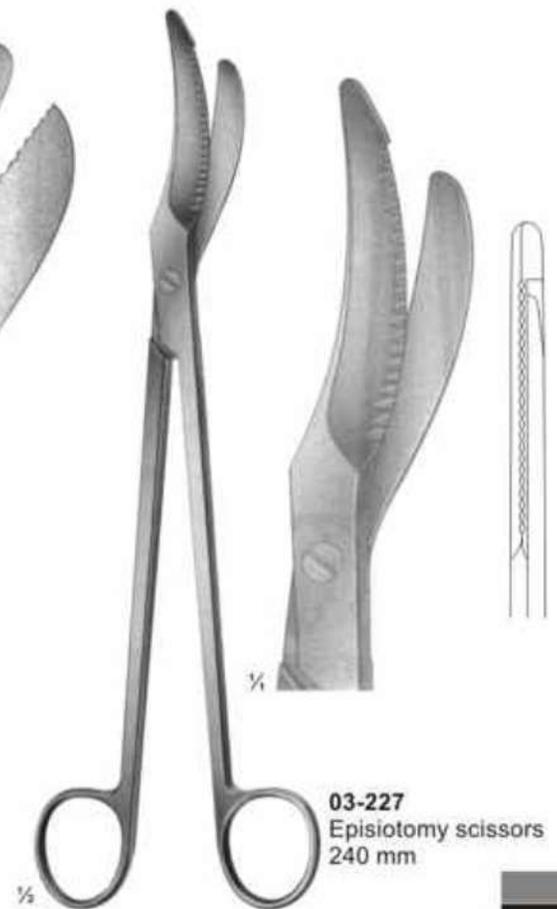
**03-225 - 03-226**  
**BRAUN-STADLER**  
 Episiotomy scissors



**03-225**  
 145 mm

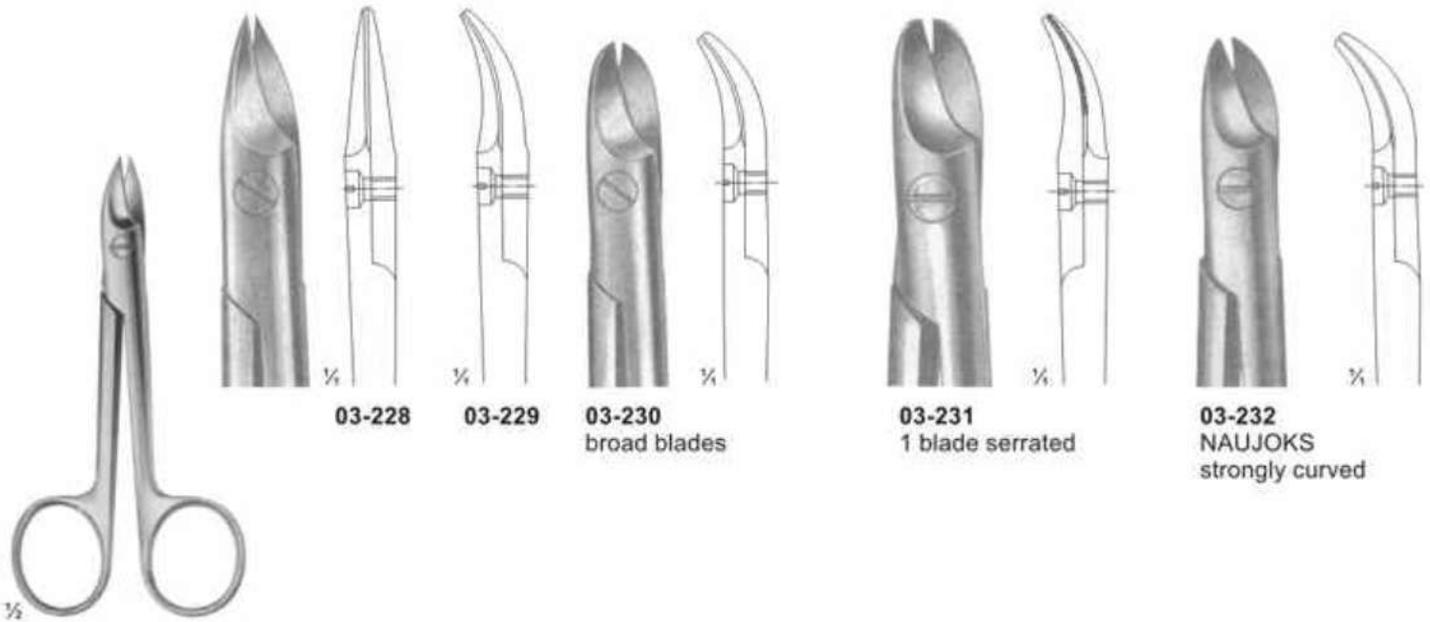


**03-226**  
 200 mm



**03-227**  
 Episiotomy scissors  
 240 mm

## Wire and Plate Scissors



03-228

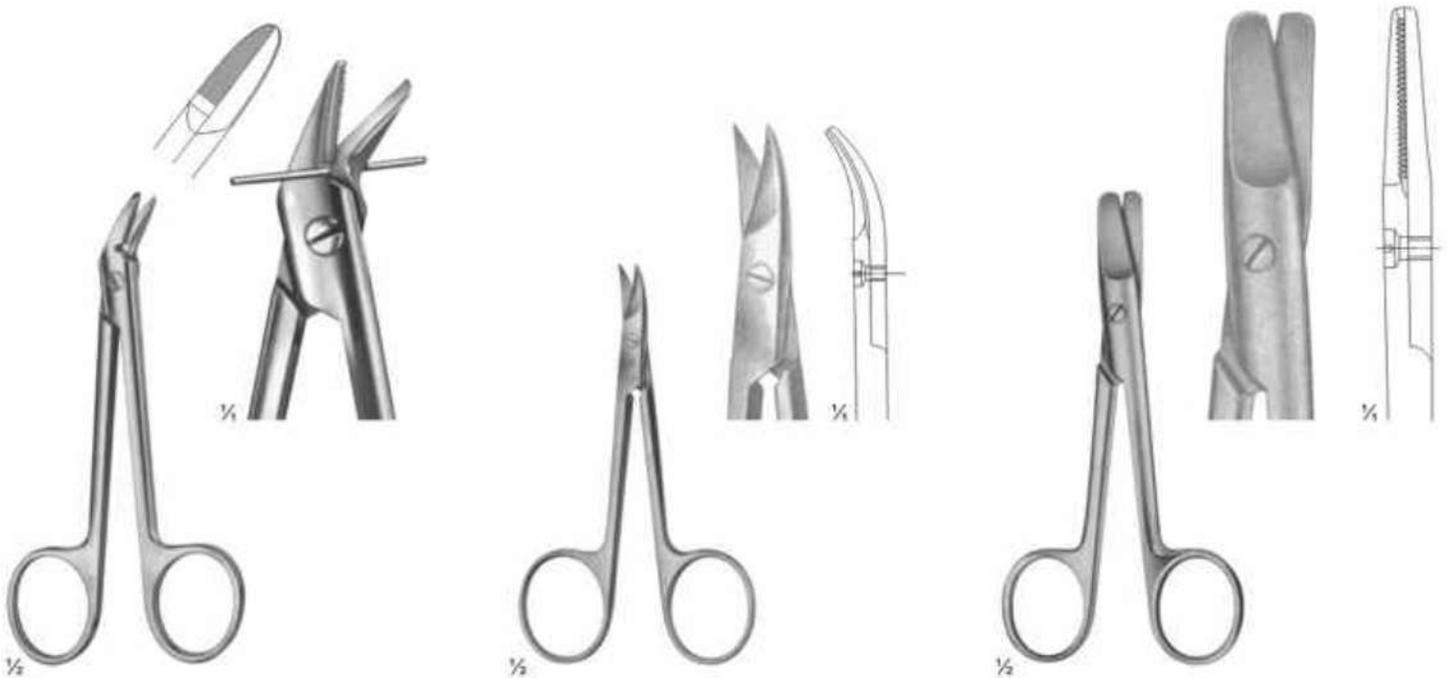
03-229

03-230  
broad blades

03-231  
1 blade serrated

03-232  
NAUJOKS  
strongly curved

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



03-233  
1 blade serrated  
Size: 120 mm

03-234  
STRACK  
Size: 100 mm

03-235  
HARVEY  
blades serrated  
Size: 125 mm

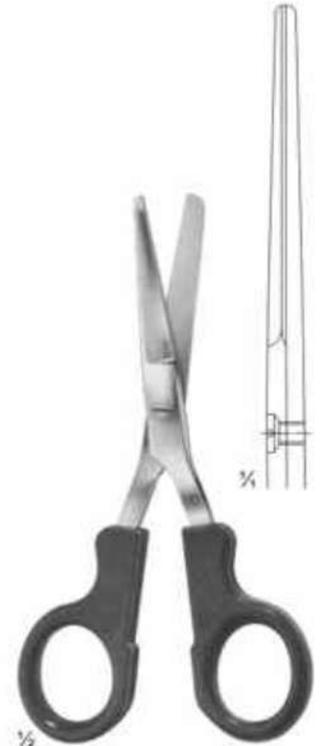
## Bandage and Cloth Scissors



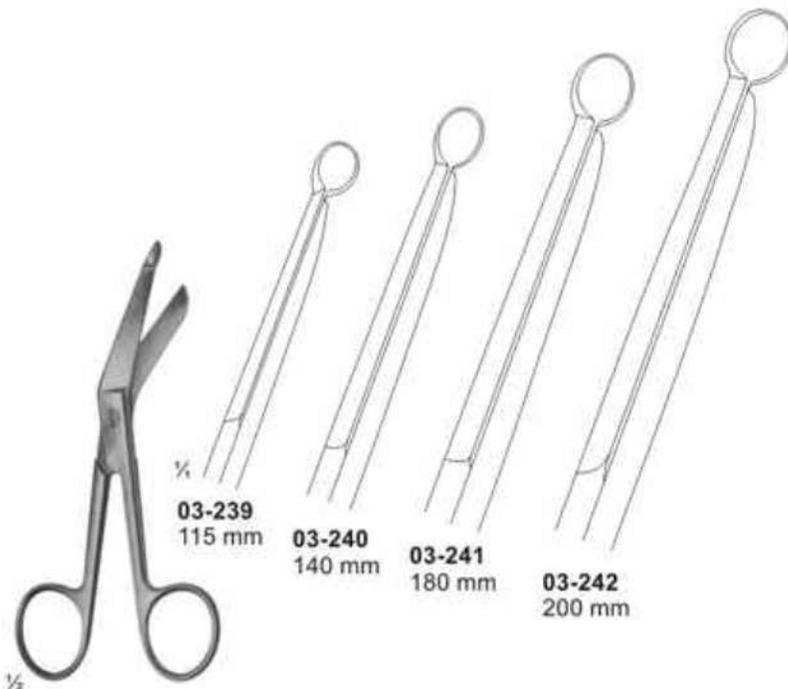
**03-236**  
 Universal bandage and cloth scissors,  
 with toothed edges  
 180 mm



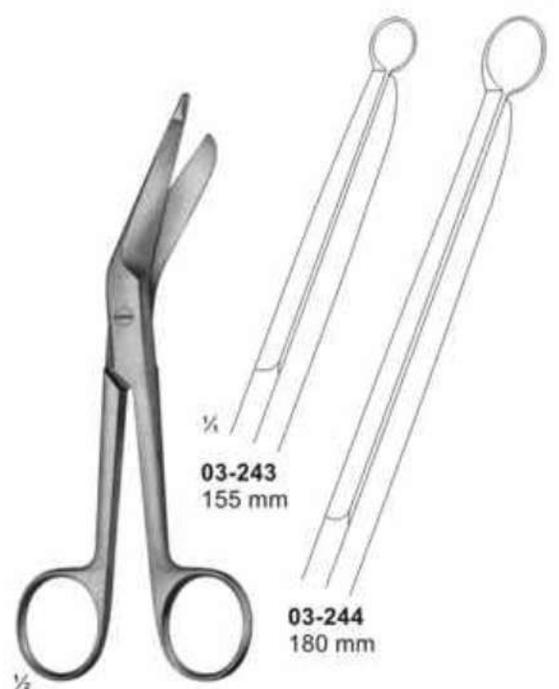
**03-237**  
 LISTER  
 Universal bandage and cloth scissors,  
 with toothed edges  
 Size: 145 mm



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

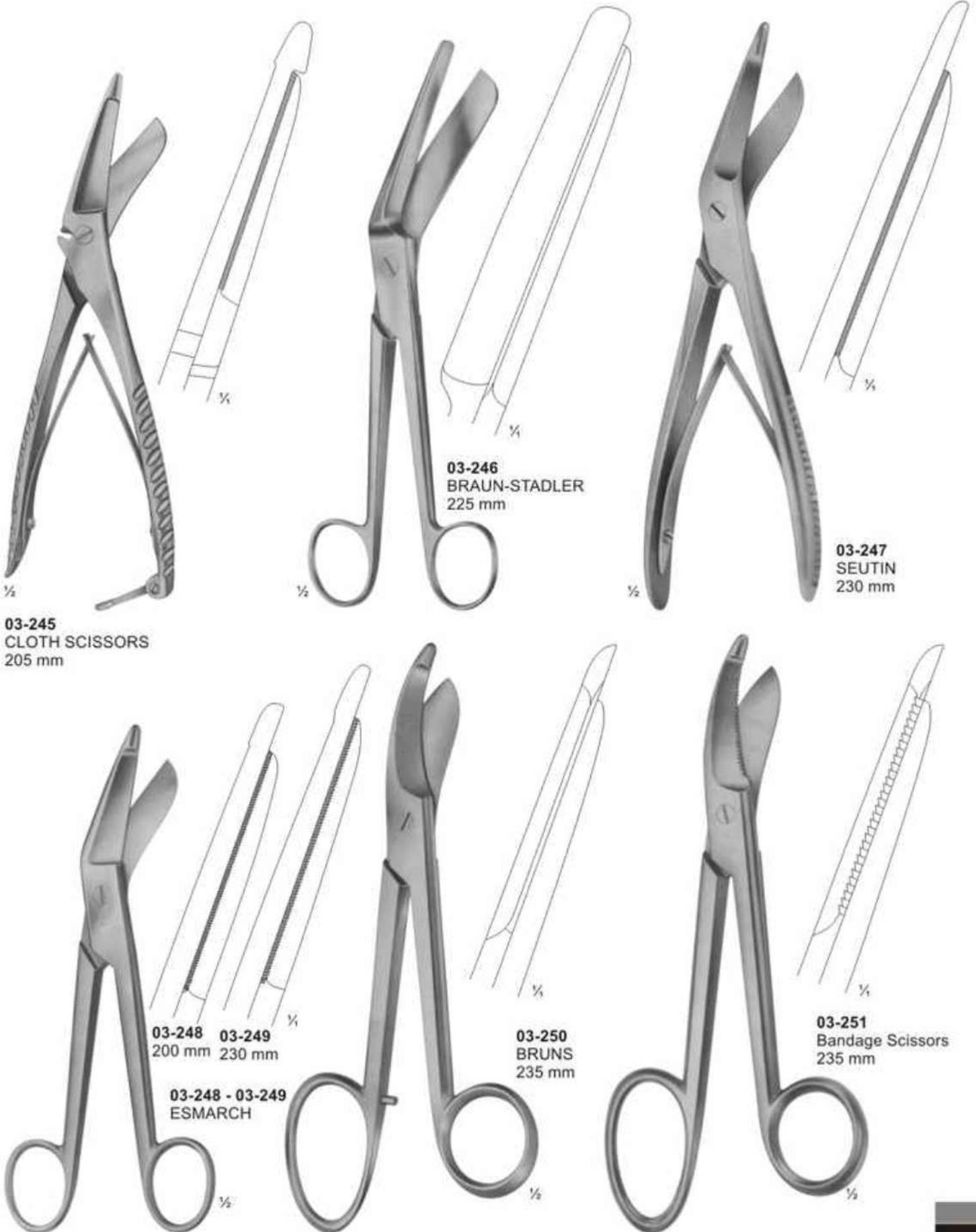


**03-239 - 03-242**  
 LISTER



**03-243 - 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

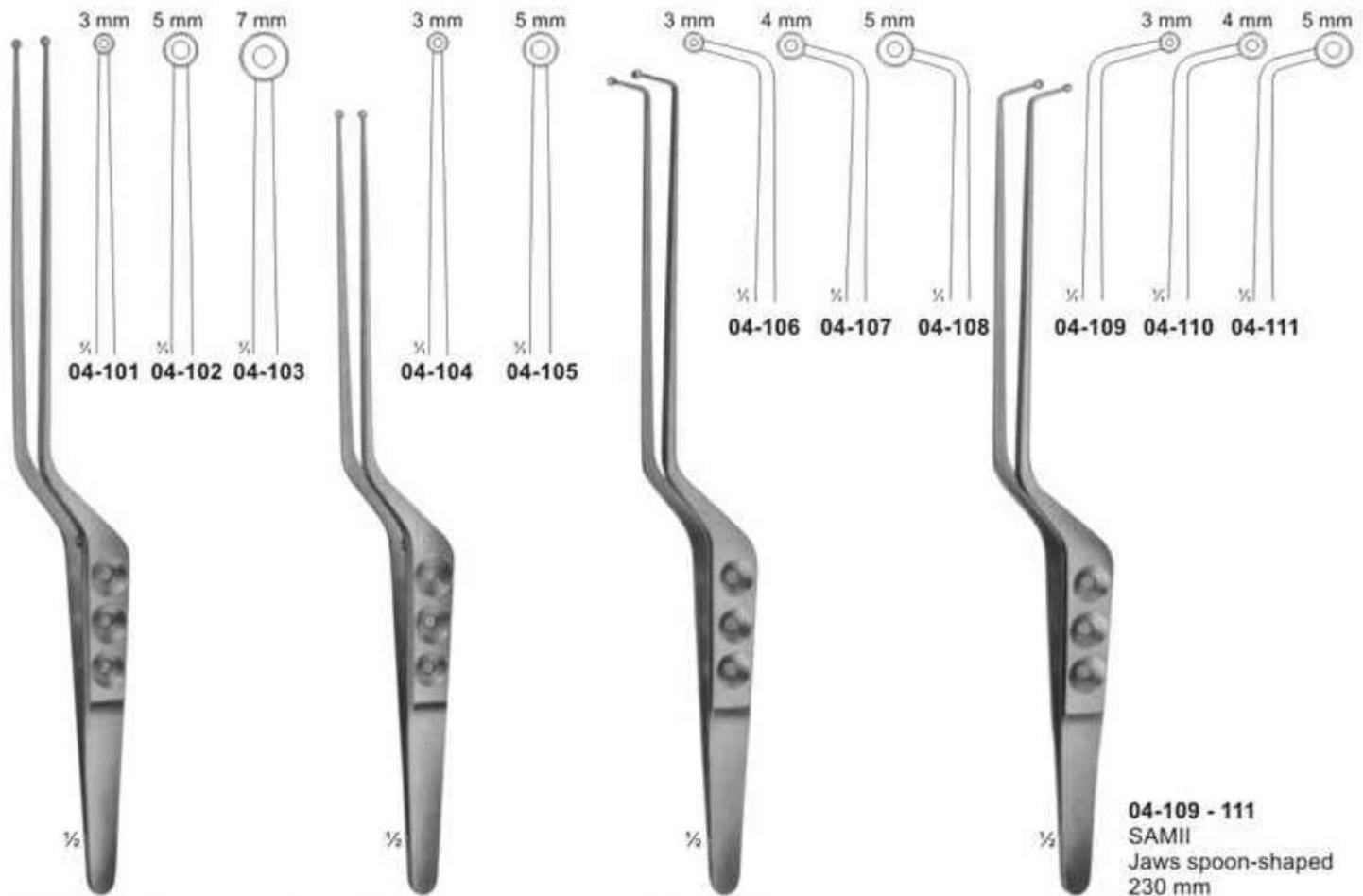
**03-248** 200 mm  
**03-249** 230 mm

**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



**04-112**  
HUNT  
Tumor-and  
vessel forceps  
200 mm



**04-113**  
HUNT  
Tumor-and  
vessel forceps  
200 mm



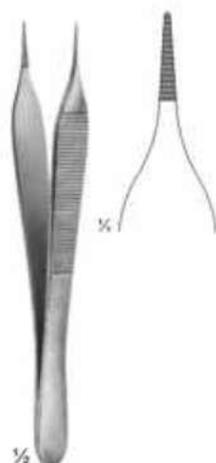
**04-114**  
YASARGIL  
Tumor-and  
vessel forceps  
200 mm



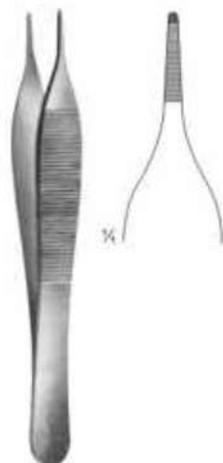
# Delicate Dissecting, Microscopic, Sterilizing Forceps



½  
**04-115**  
THORPE  
Corneal forceps  
120 mm



½  
**04-116**  
MICRO-ADSON  
120 mm



½  
**04-117**  
ADSON  
120 mm



½  
**04-118**  
MICRO-ADSON  
150 mm



½  
**04-119 - 121**  
100 mm



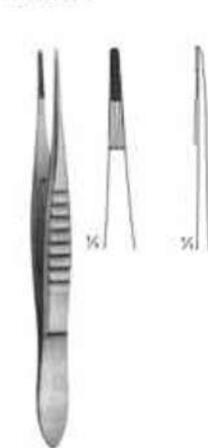
½  
**04-119**



½  
**04-120**



½  
**04-121**



½  
**04-122**  
BONACCOLTO  
110 mm



½  
**04-123**  
115 mm



½  
**04-124 - 133**



½  
**04-124**  
90 mm



½  
**04-125**  
105 mm



½  
**04-126**  
115 mm



½  
**04-127**  
130 mm



½  
**04-128**  
145 mm



½  
**04-129**  
90 mm



½  
**04-130**  
105 mm



½  
**04-131**  
115 mm



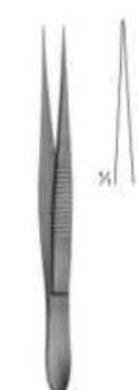
½  
**04-132**  
130 mm



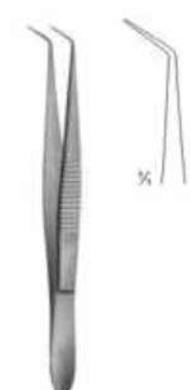
½  
**04-133**  
145 mm



½  
**04-138**  
160 mm



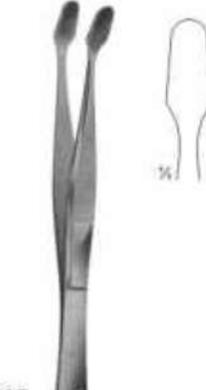
½  
**04-134**  
100 mm



½  
**04-135**  
100 mm

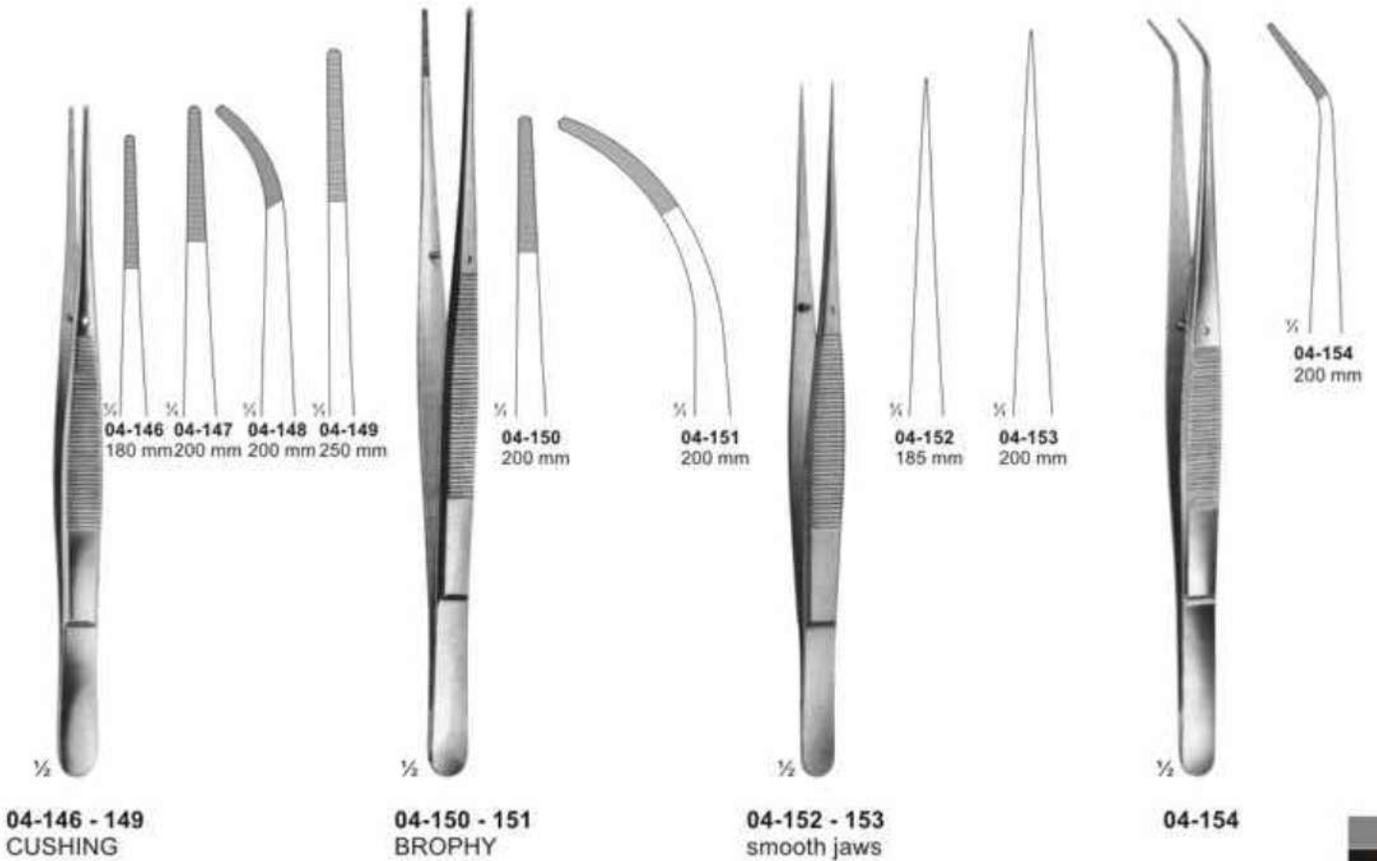
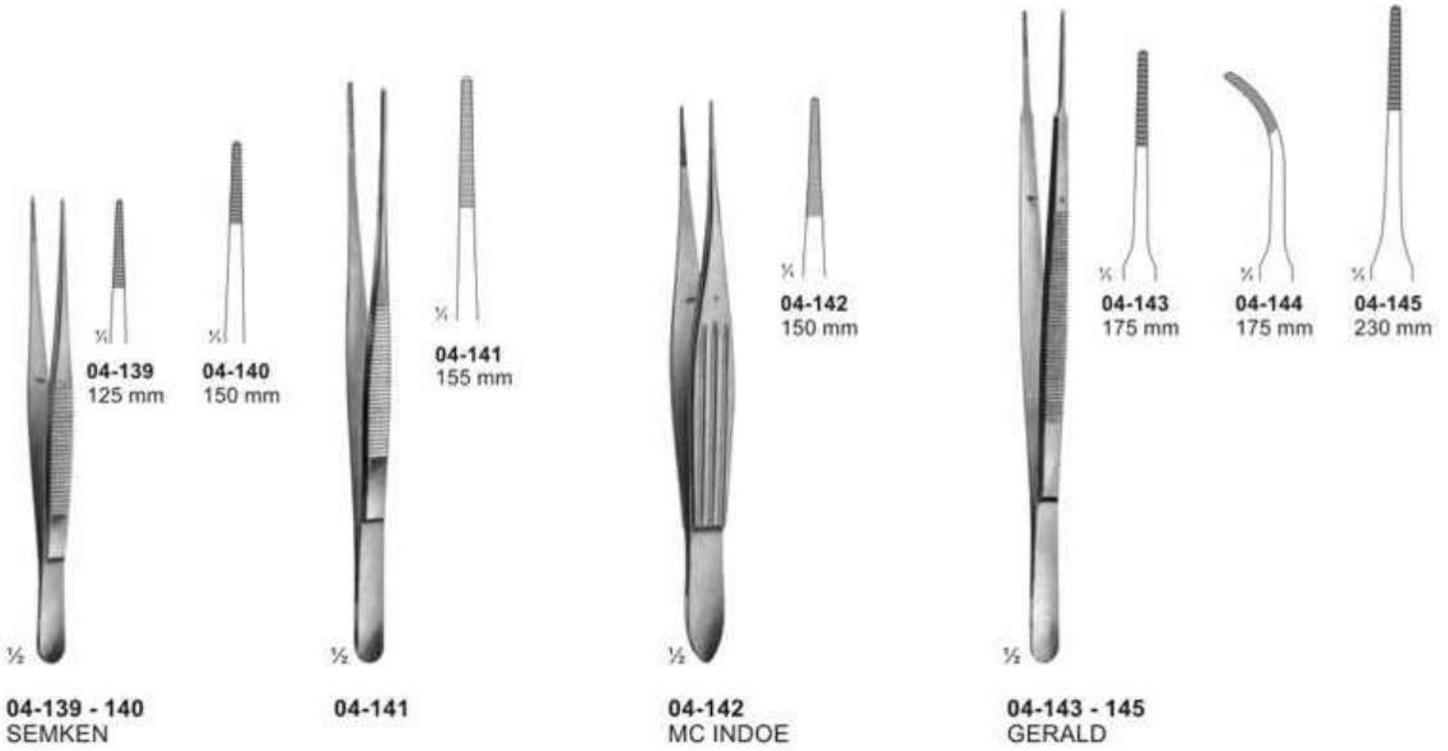


½  
**04-136**  
100 mm

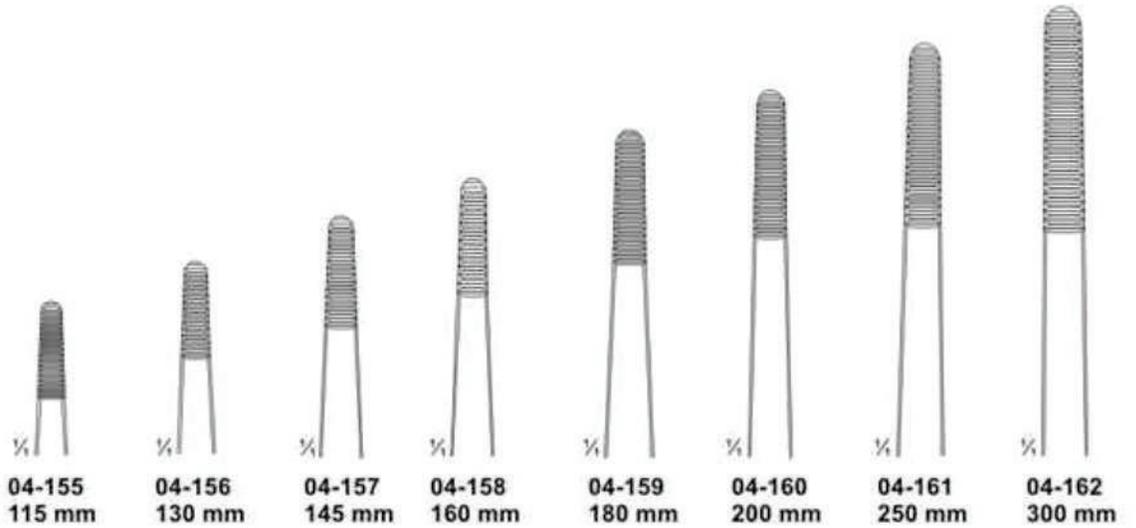


½  
**04-137**  
KUHNE  
Cover glass forceps, 105 mm

# Delicate Dissecting Forceps



# Dissecting Forceps



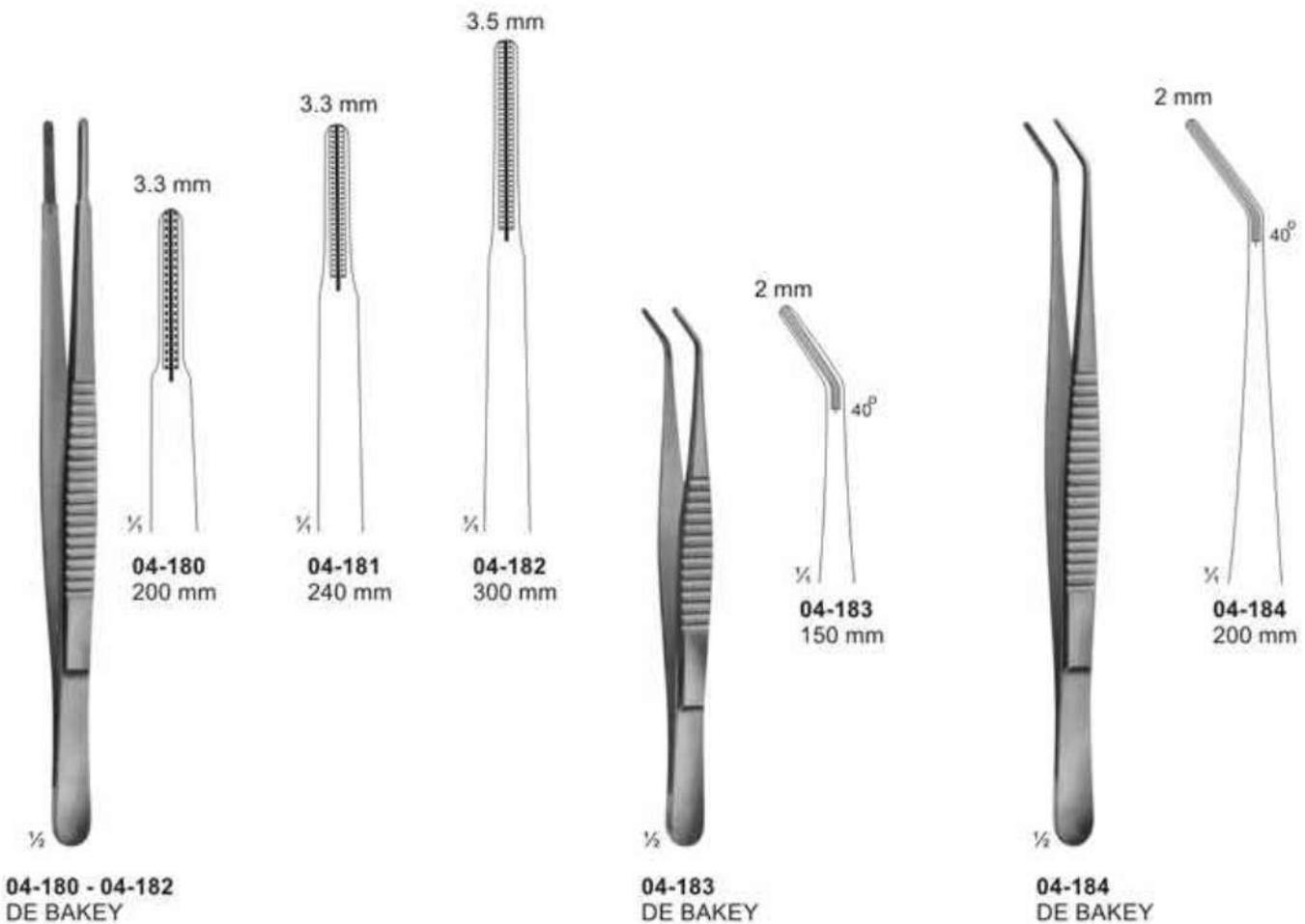
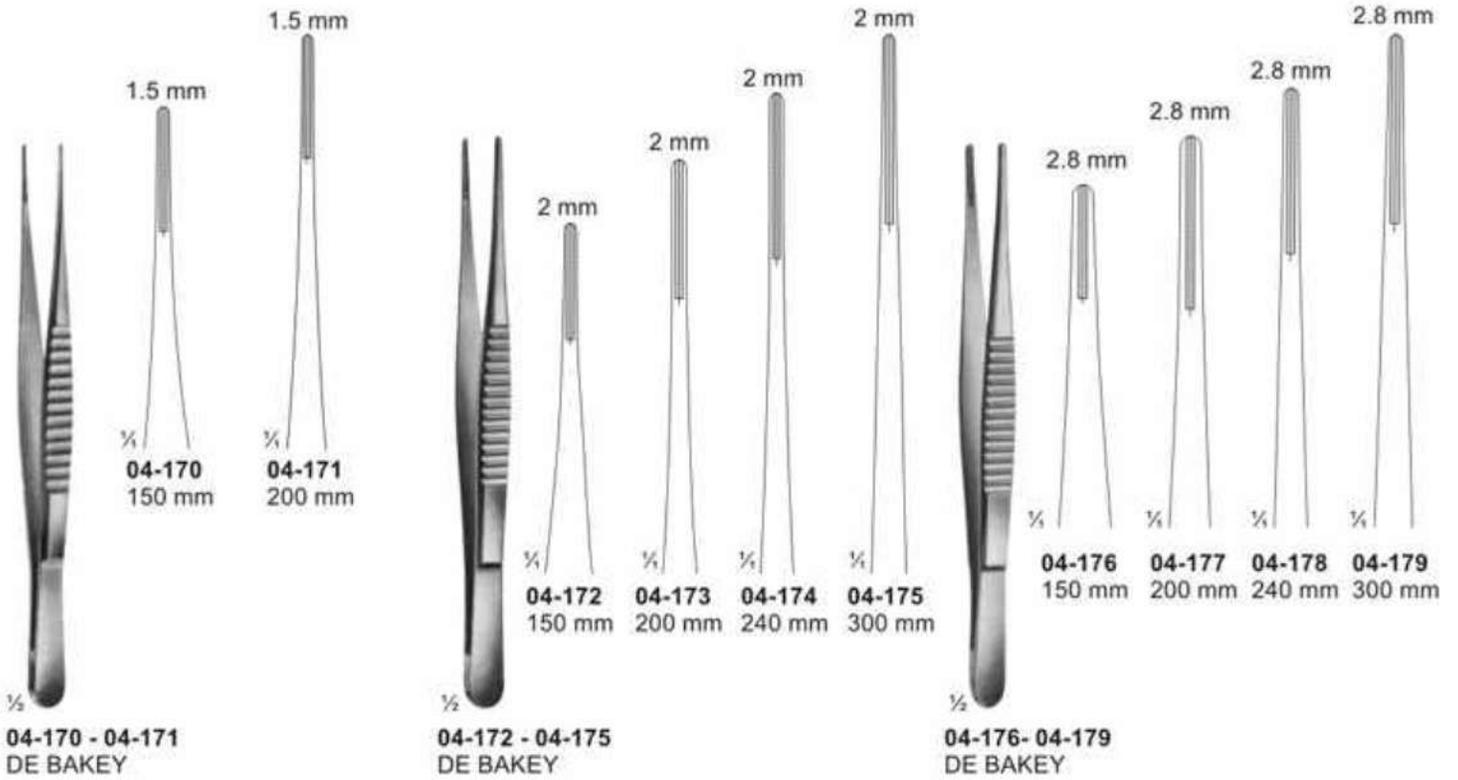
04-155 - 04-162  
 STANDARD



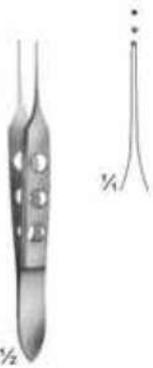
04-163 - 04-167  
 MEDIUM

04-168 - 04-169  
 MEDIUM

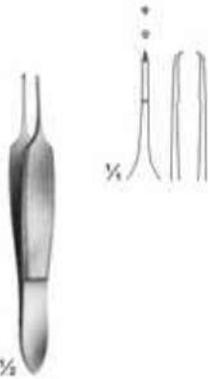
# Forceps



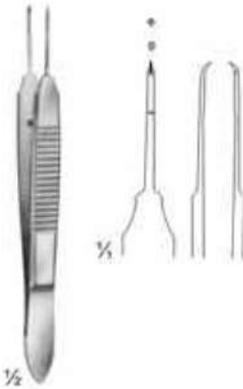
# Delicate Tissue Forceps



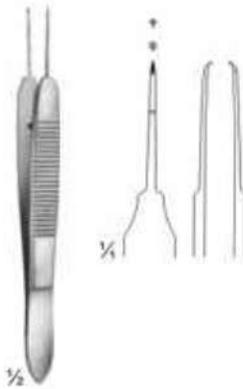
**04-185**  
 BISHOP-HARMON  
 85 mm



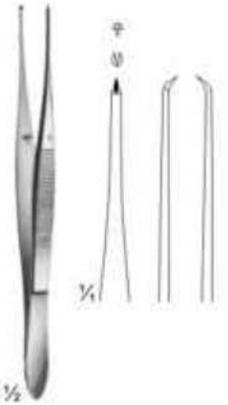
**04-186**  
 ST.MARTIN  
 80 mm



**04-187**  
 CASTROVIEJO  
 teeth 0.9 mm  
 100 mm



**04-188**  
 CASTROVIEJO  
 teeth 0.5 mm  
 100 mm



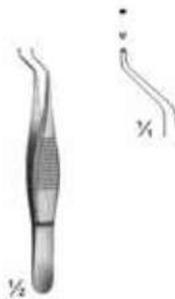
**04-189**  
 ELSCHING  
 110 mm



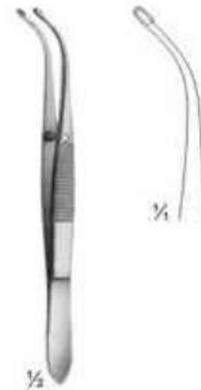
**04-190**  
 GILL  
 75 mm



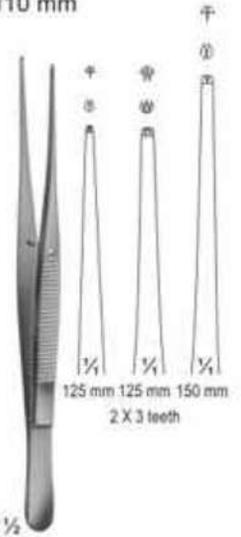
**04-191**  
 GILL - HESS  
 75 mm



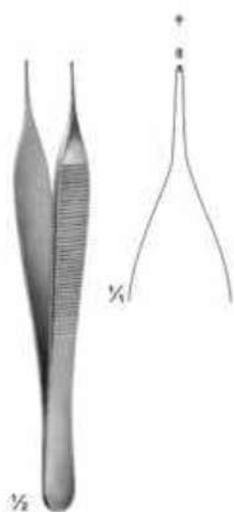
**04-192**  
 HESS  
 70 mm



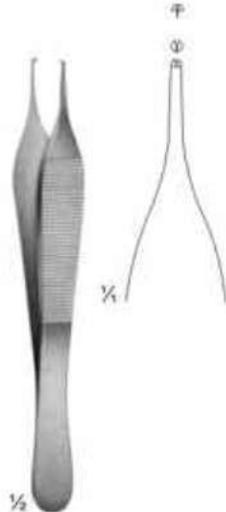
**04-193**  
 ARRUGA  
 100 mm



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



**04-195**  
 MICRO-ADSON  
 120 mm



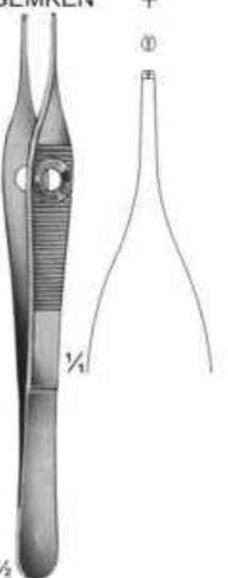
**04-196**  
 ADSON  
 120 mm



**04-197**  
 ADSON  
 120 mm

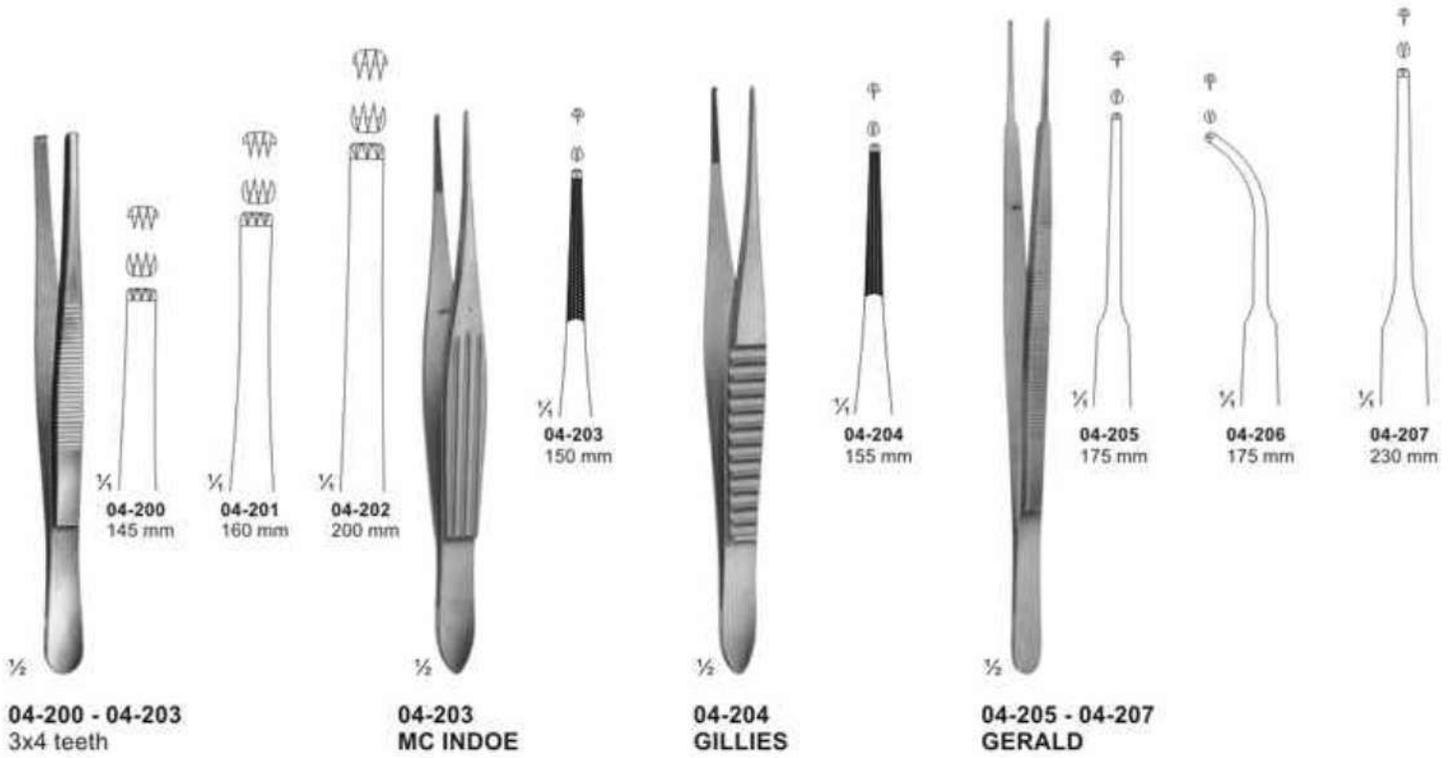


**04-198**  
 ADSON  
 120 mm



**04-199**  
 ADSON  
 150 mm

# Tissue Forceps



# Tissue Forceps



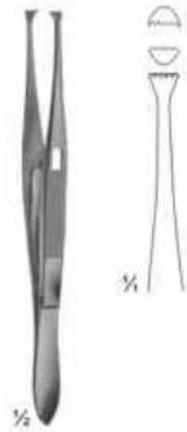
**04-213**  
**ADSON - BROWN**  
Non-traumatic  
120 mm



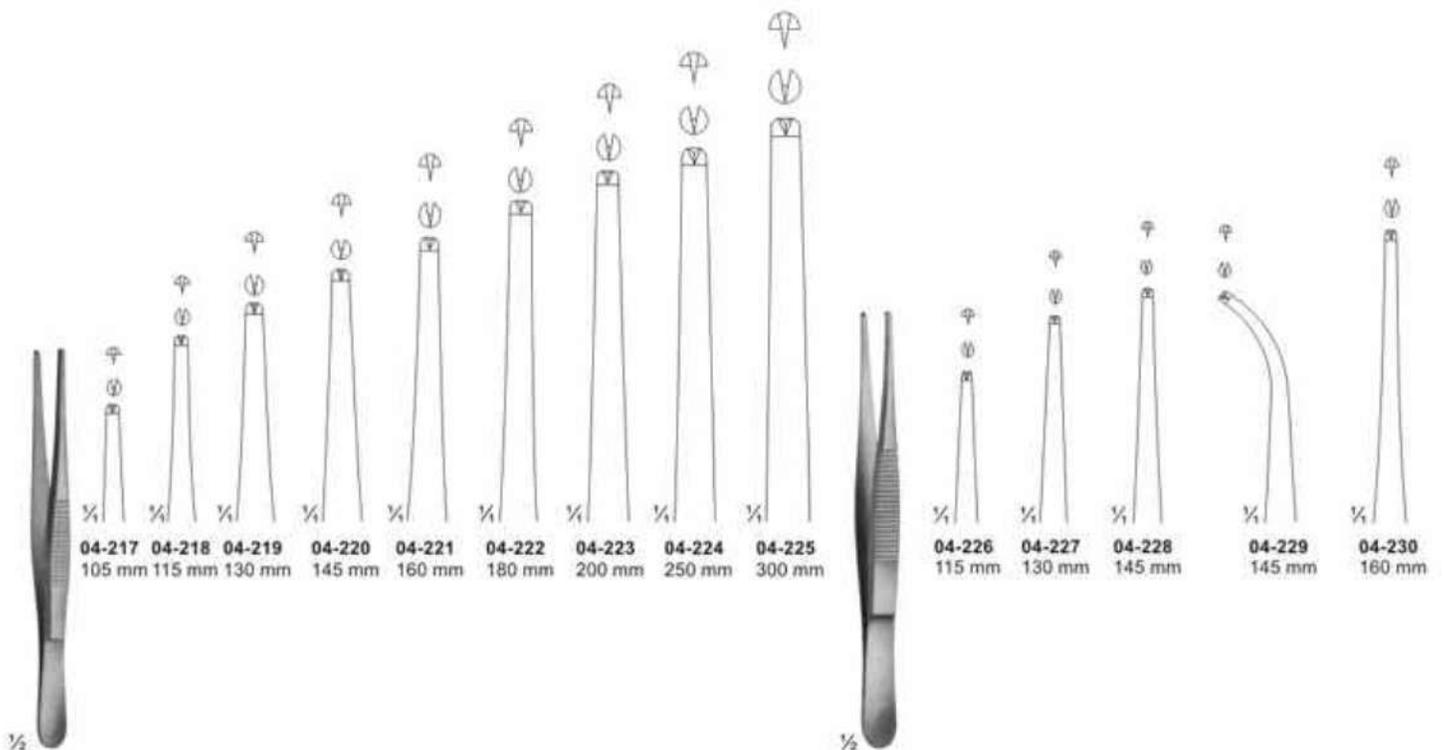
**04-214**  
**BROWN**  
120 mm



**04-215**  
**GRAEFE**  
110 mm



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



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

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



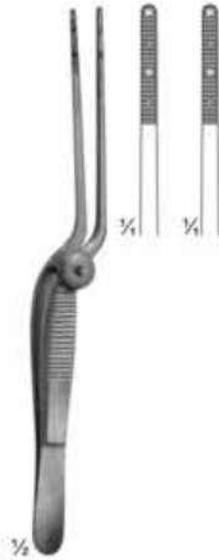
## Forceps, Bayonet - Shaped



**04-231**  
**LUCAE**  
 140 mm



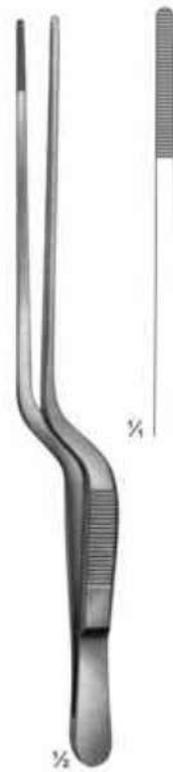
**04-232**  
**LUCAE**  
 1x2 teeth  
 140 mm



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



**04-234**  
**JANSEN**  
 160 mm



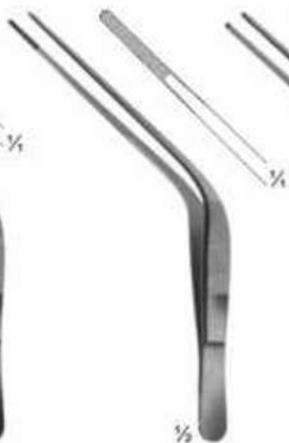
**04-235**  
**GRUENWALD**  
 200 mm



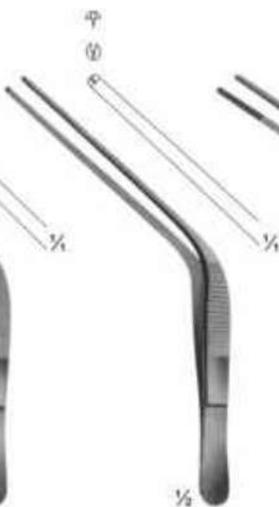
**04-236**  
 1x2 teeth  
 200 mm



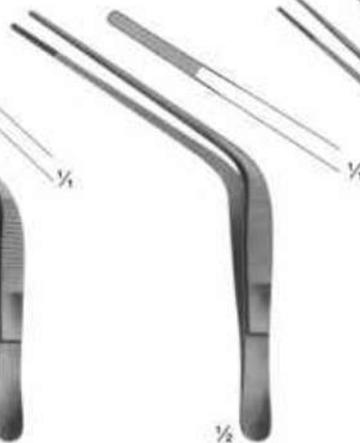
**04-237**  
**TROELTSCH**  
 100 mm



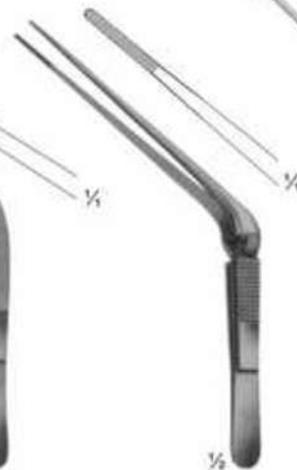
**04-238**  
**TROELTSCH**  
 115 mm



**04-239**  
**TROELTSCH**  
 1X2 teeth  
 115 mm



**04-240**  
**WILDE**  
 115 mm



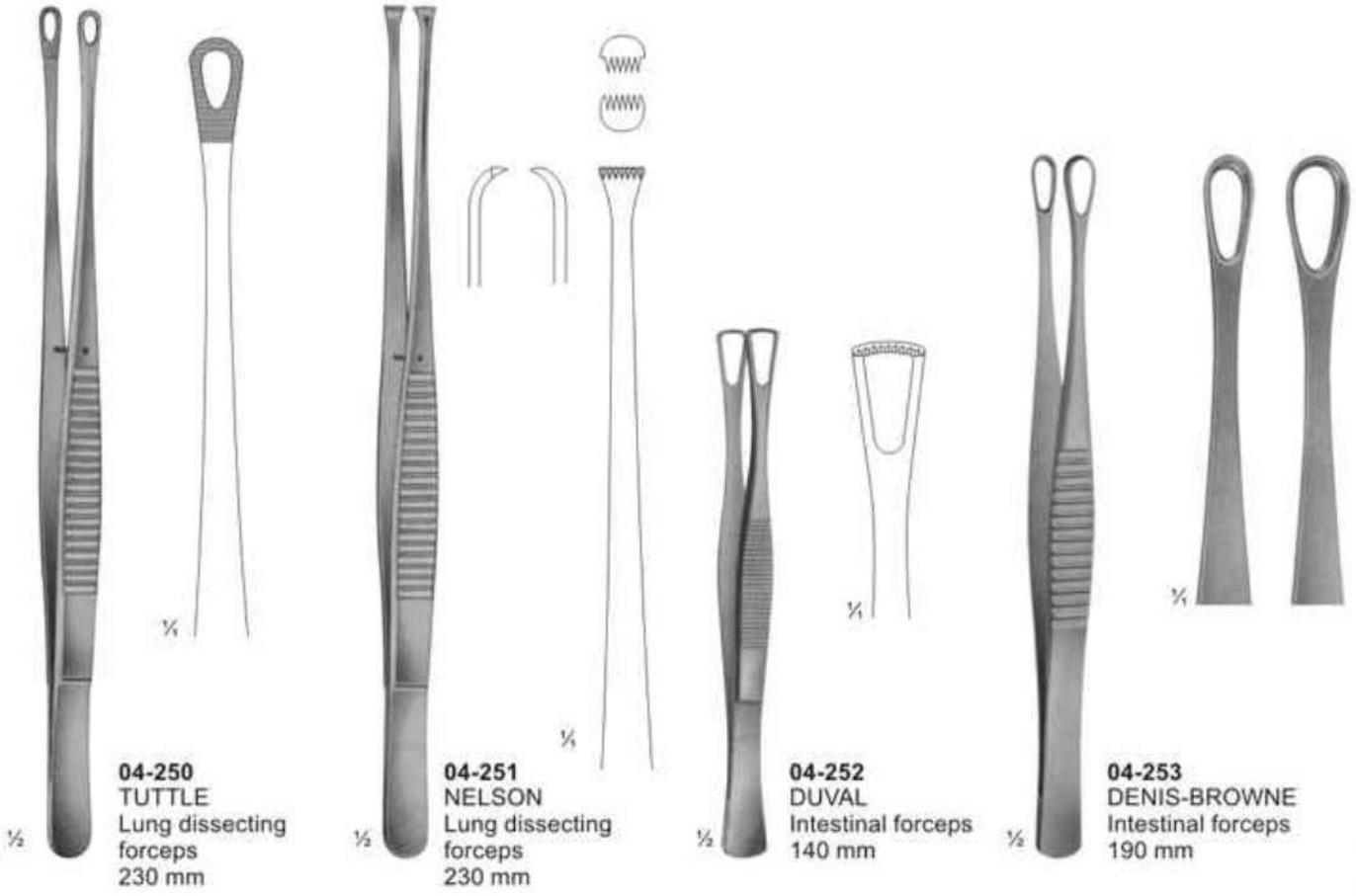
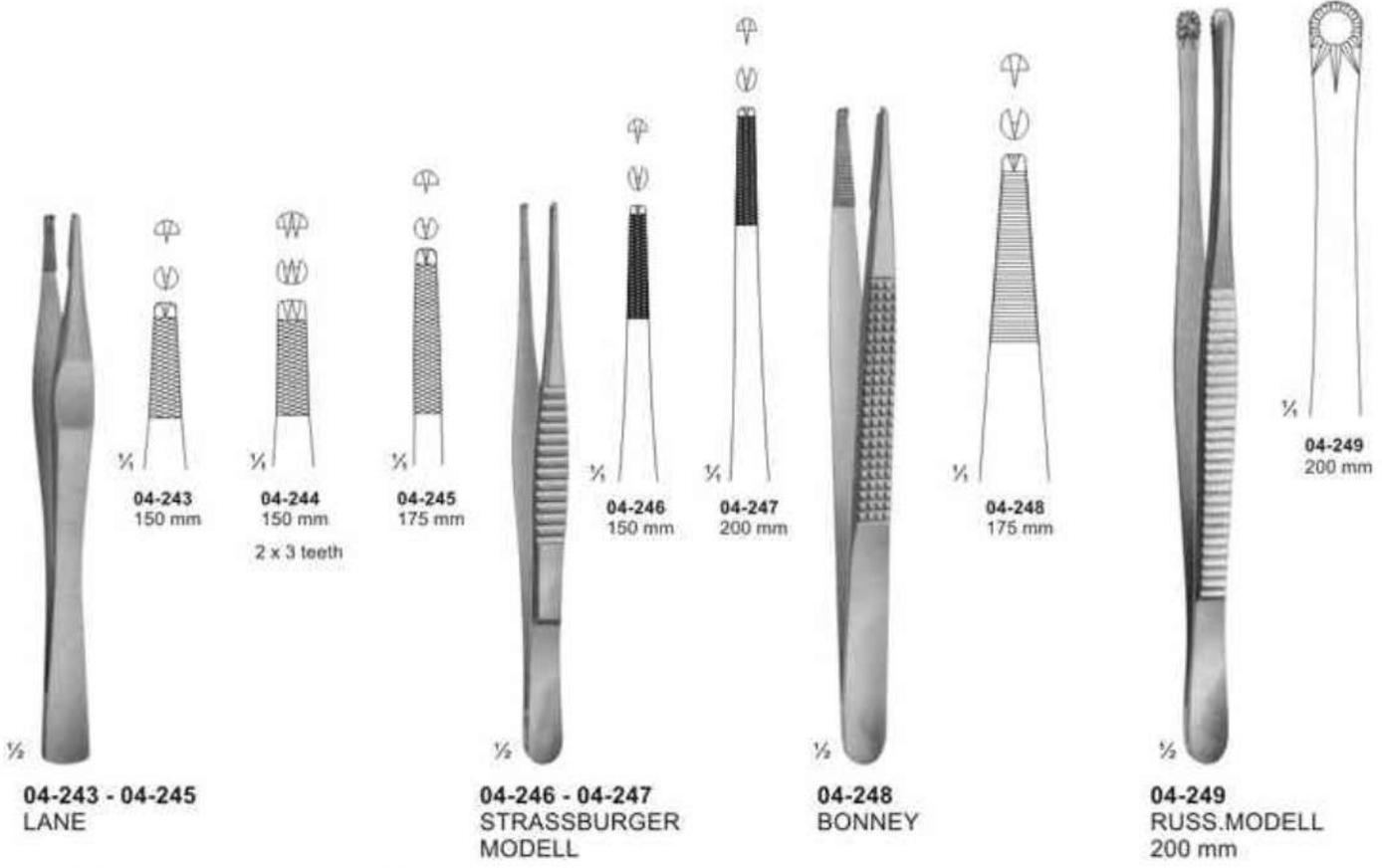
**04-241**  
**TROELTSCH**  
 Cross action  
 120 mm



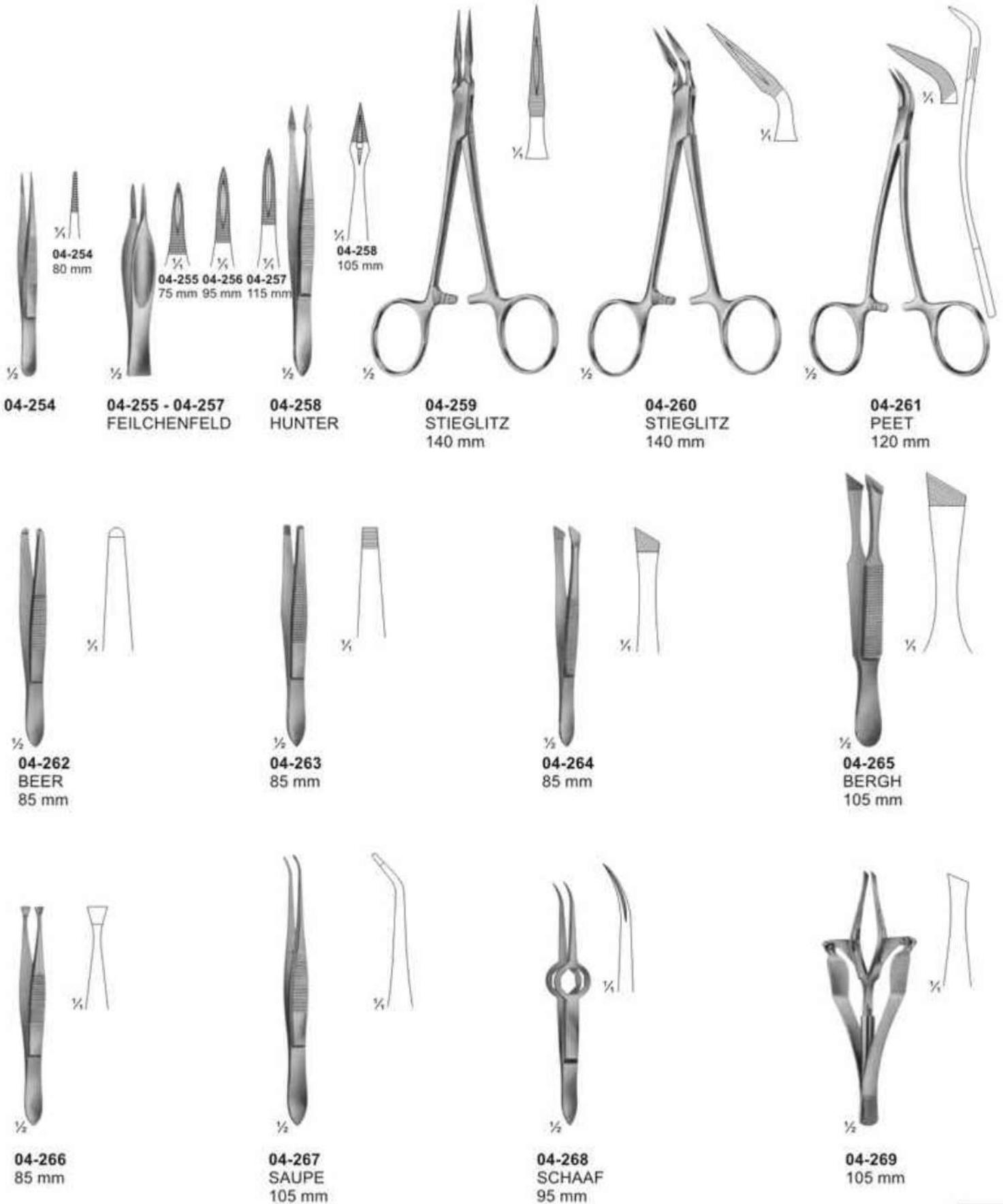
**04-242**  
**TROELTSCH**  
 140 mm



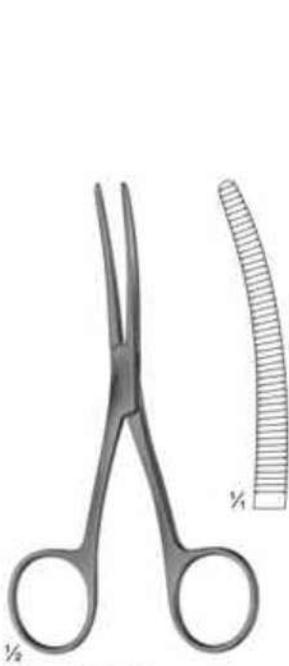
# Tissue Forceps, Lung Dissecting Forceps



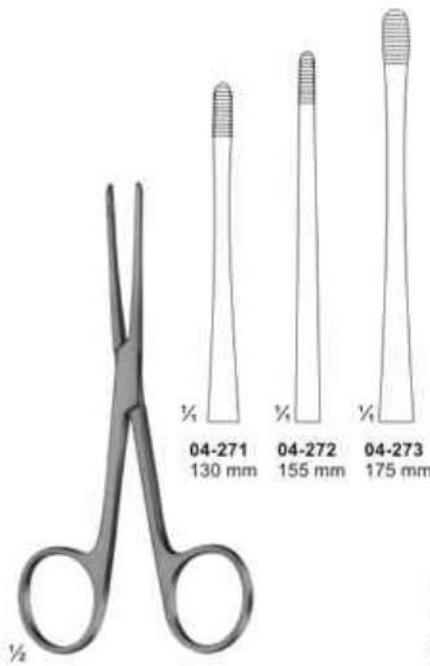
# Splinter and Cilia Forceps



# Sponge and Dressing Forceps

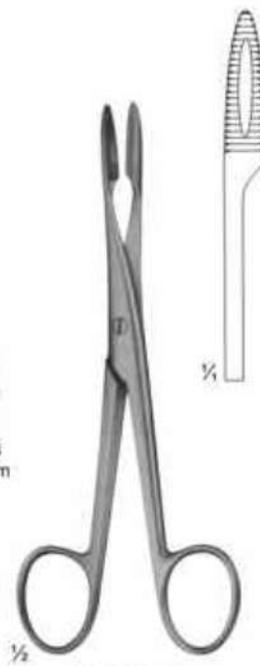


**04-270**  
**BRYANT**  
 130 mm

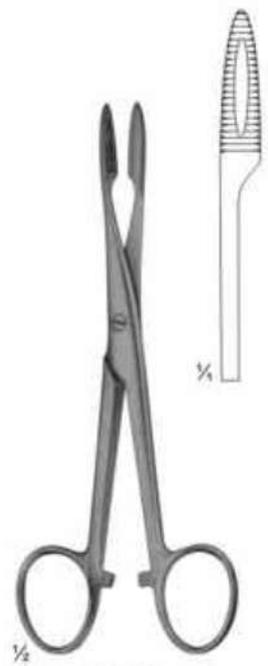


**04-271 - 04-273**  
**LISTER**  
 Sinus forceps

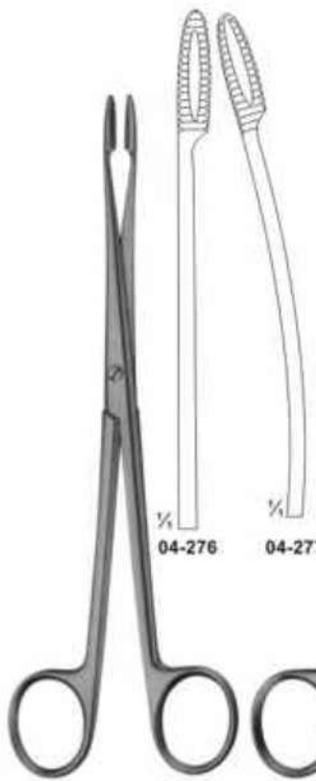
04-271 130 mm  
 04-272 155 mm  
 04-273 175 mm



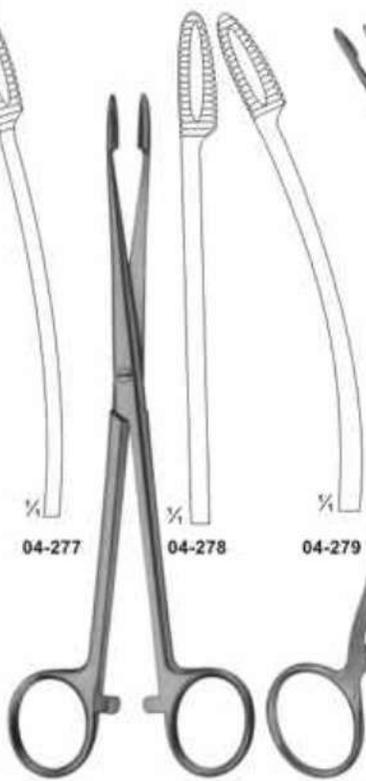
**04-274**  
 without ratchet  
 145 mm



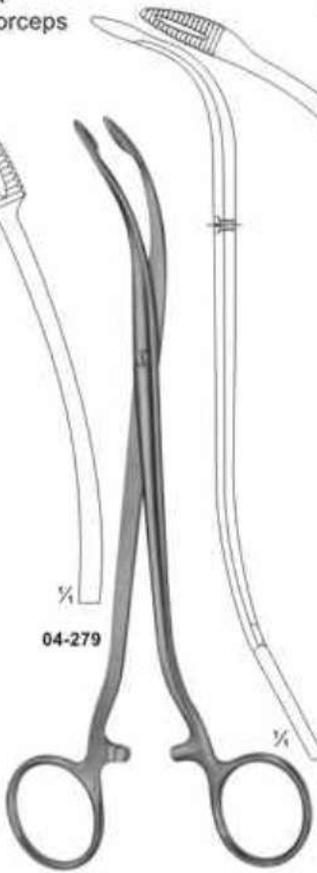
**04-275**  
 with ratchet  
 145 mm



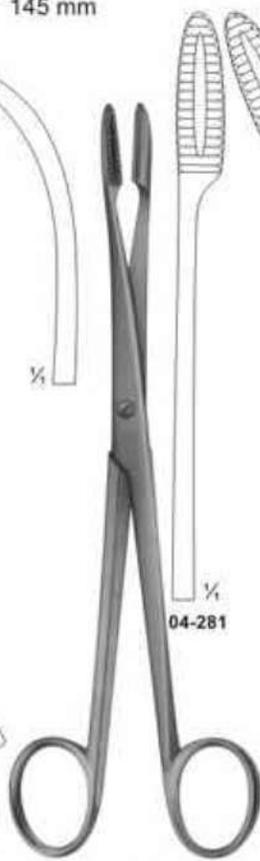
**04-276 - 04-277**  
**GROSS**  
 without ratchet  
 180 mm



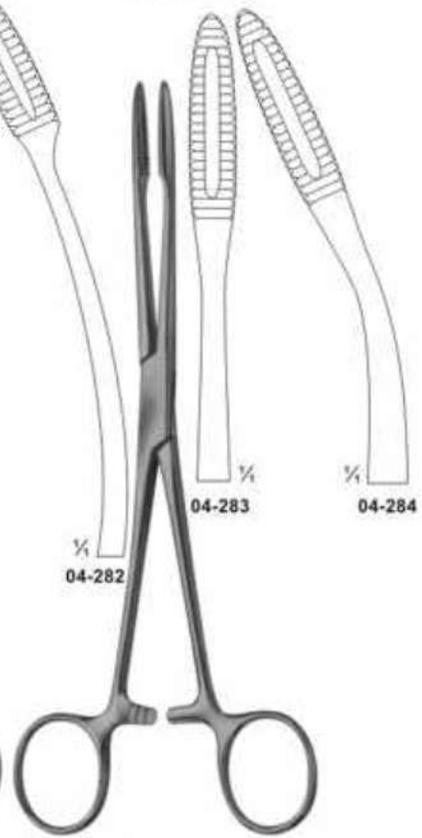
**04-278 - 04-279**  
**GROSS**  
 with ratchet  
 180 mm



**04-280**  
**DUPLAY**  
 190 mm

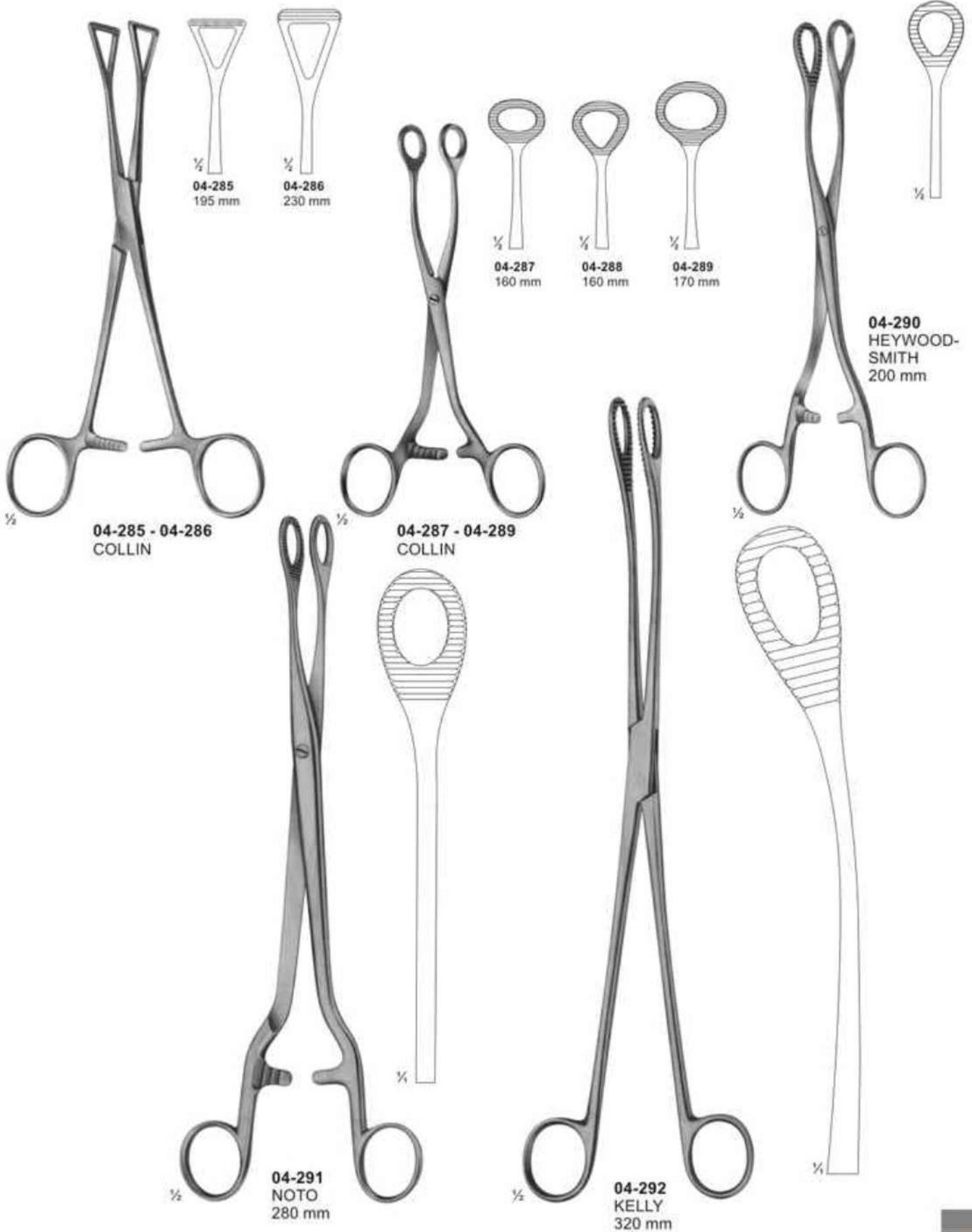


**04-281 - 04-282**  
**GROSS**  
 without ratchet  
 200 mm

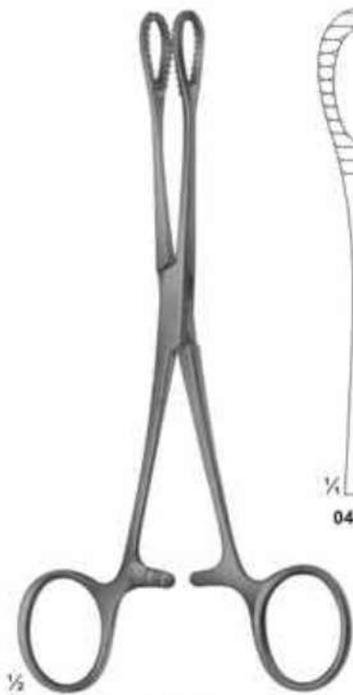


**04-283 - 04-284**  
**GROSS**  
 200 mm

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



# Dressing, Sponge holding, Organ and Tissue Grasping Forceps



04-293



04-294

1/2  
**04-293 - 04-294**  
**FOERSTER-BALLENGER**  
 180 mm



1/4  
**04-295**  
 180 mm



1/4  
**04-296**  
 250 mm

1/2  
**04-295 - 04-296**  
**RAMPLEY**



1/4  
**04-297**  
 Smooth Jaws



1/4

**04-298**  
 Smooth Jaws



1/4

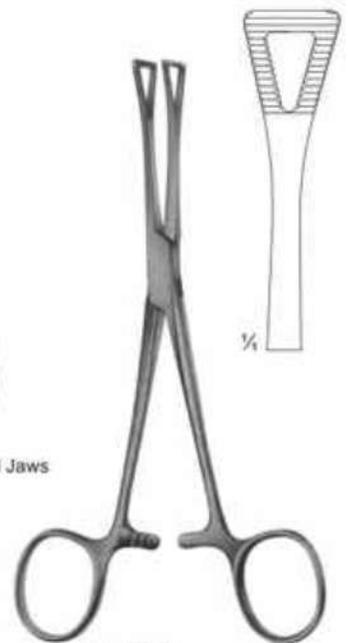
**04-299**  
 Serrated Jaws



1/4

**04-300**  
 Serrated Jaws

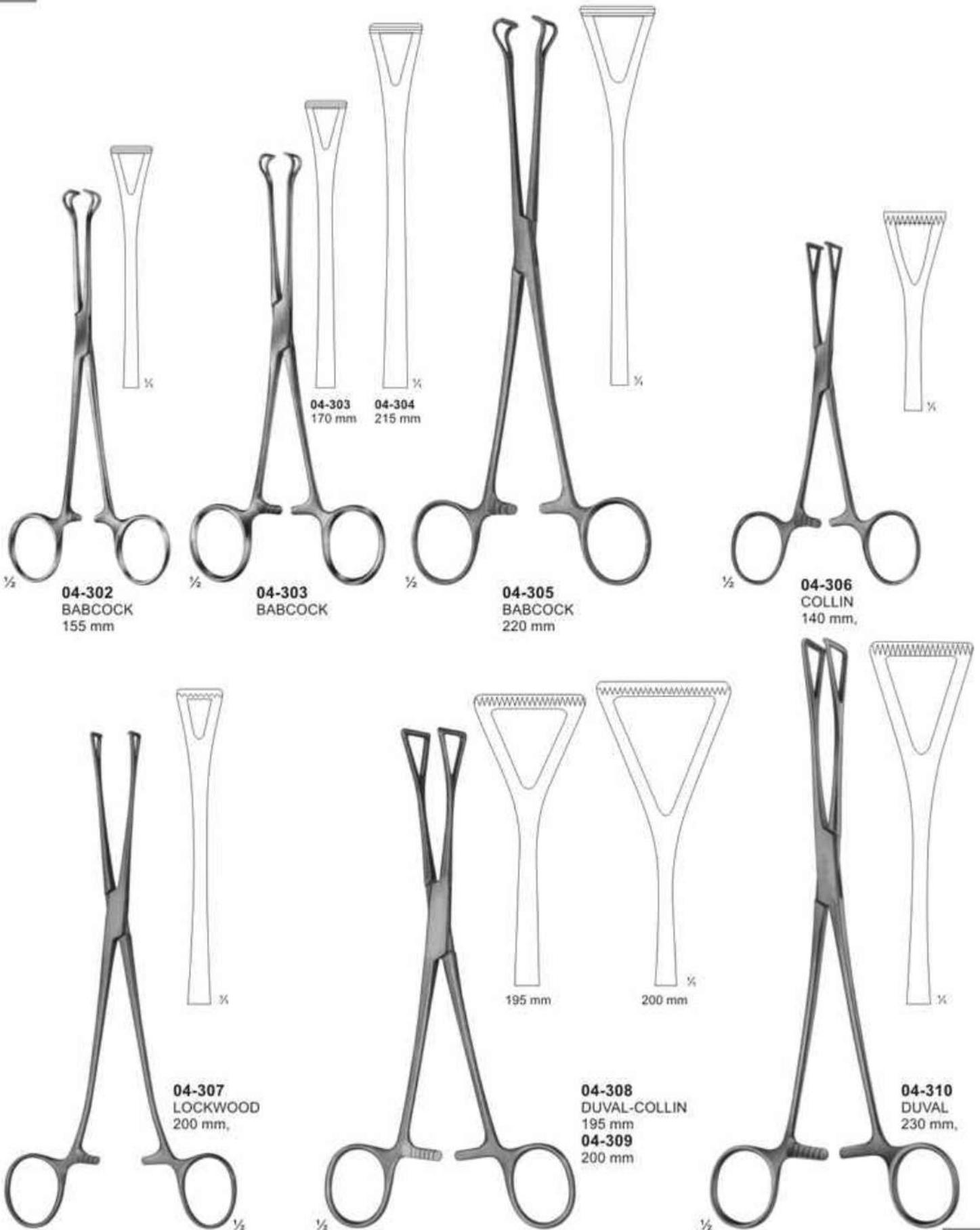
1/2  
**04-297 - 04-300**  
**FOERSTER-BALLENGER**  
 240 mm



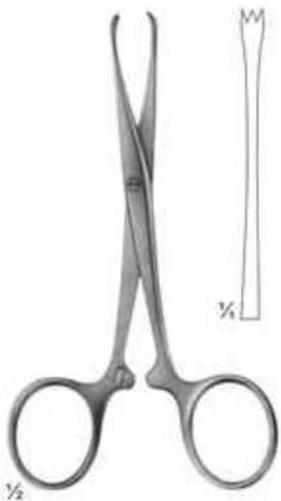
1/4

**04-301**  
**PENNINGTON**  
 155 mm

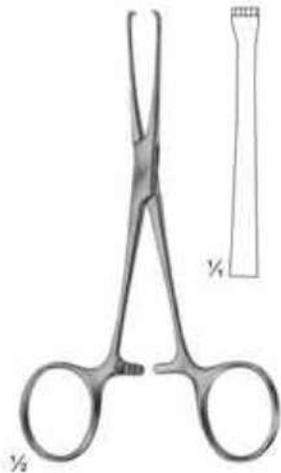
# Intestinal Grasping Forceps



## Artery Traction - and Tissue Grasping Forceps



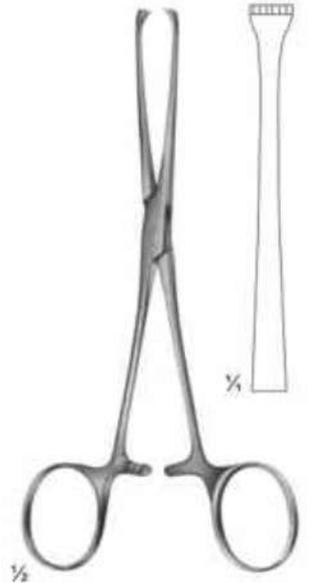
**04-311**  
**CHAPUT**  
 2 x 3 teeth  
 125 mm



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



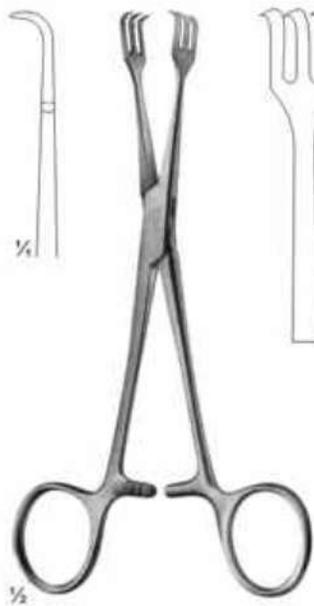
**04-313**  
**BOYS-ALLIS**  
 5 x 6 teeth sharp  
 155 mm



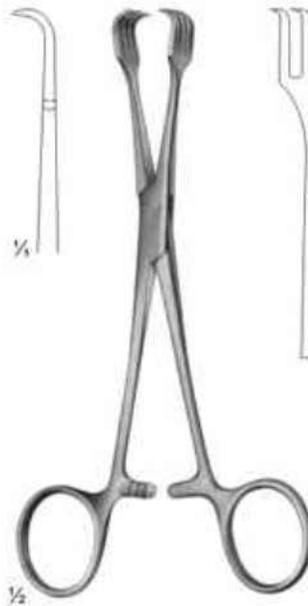
**04-314**  
**ALLIS**  
 5 x 6 teeth  
 155 mm



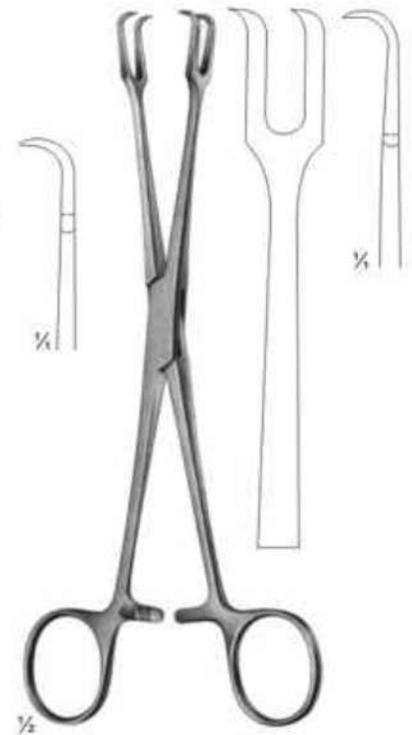
**04-315**  
**LAHEY**  
 155 mm



**04-316**  
**LAHEY**  
 155 mm



**04-317**  
**BRAUN**  
 155 mm



**04-318**  
**MUSEUX**  
 200 mm

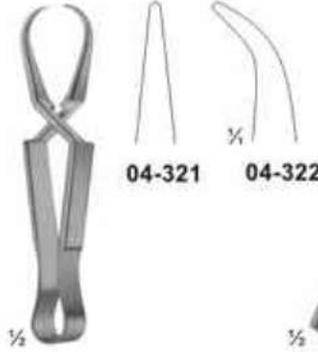
# Towel Clamps



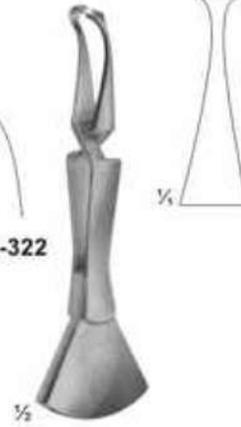
**04-319**  
**JONES**  
 85 mm



**04-320**  
**ENGL. MOD.**  
 85 mm



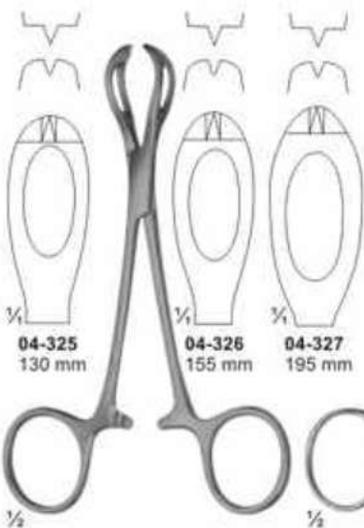
**04-321 - 04-322**  
**SCHAEDEL**  
 85 mm



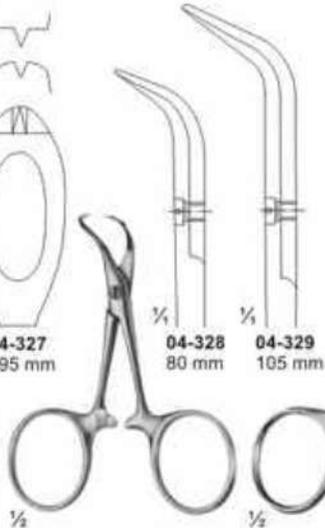
**04-323**  
**DOYEN**  
 110 mm



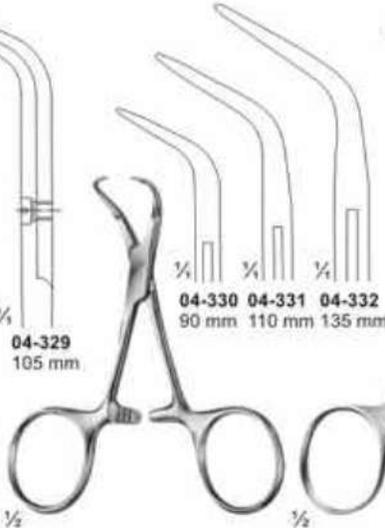
**04-324**  
**DOYEN**  
 180 mm



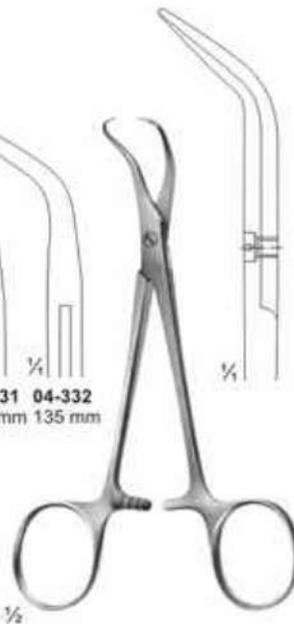
**04-325 - 04-327**  
**LANE**



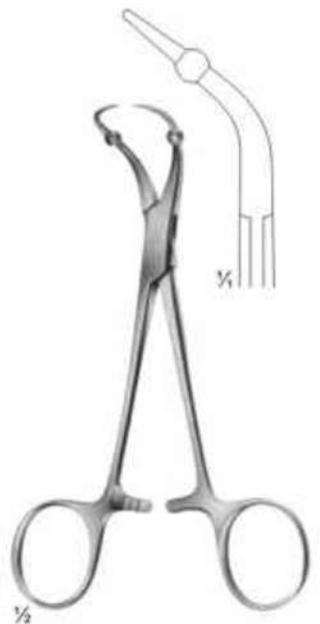
**04-328 - 04-329**  
**BACKHAUS**



**04-330 - 04-332**  
**BACKHAUS**



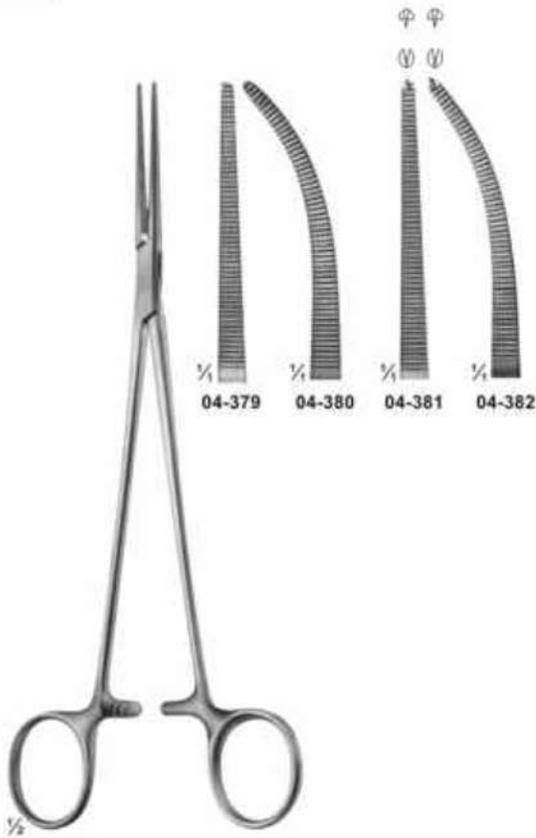
**04-333**  
**BACKHAUS-KOCHER**  
 135 mm



**04-334**  
**ROEDER**  
 135 mm



# Delicate Haemostatic Forceps



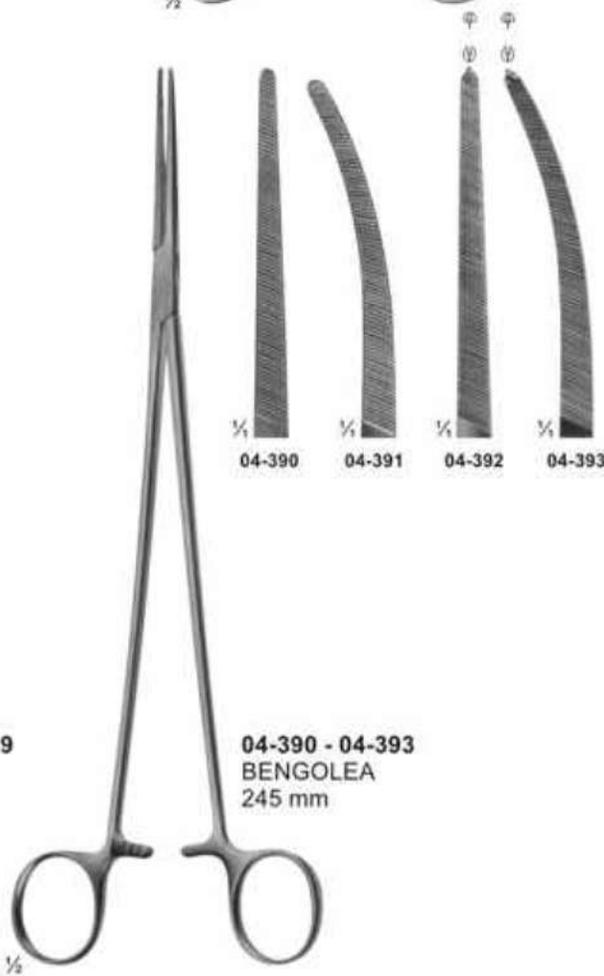
04-379 - 04-382  
 HALSTED-MOSQUITO  
 200 mm



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

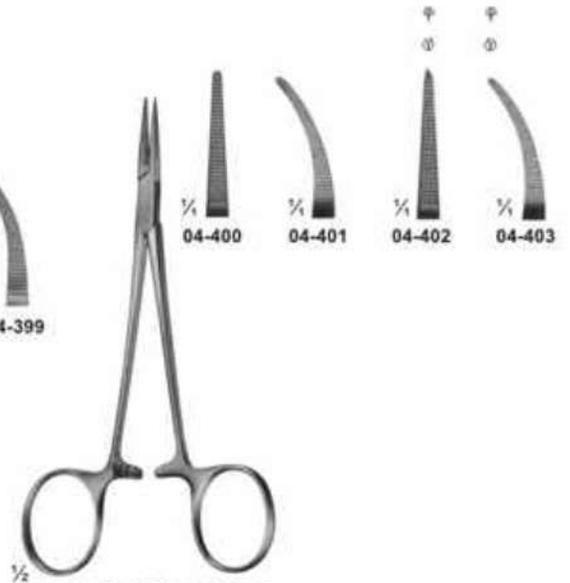
# Delicate Haemostatic Forceps



**04-395**  
 CARREL  
 85 mm



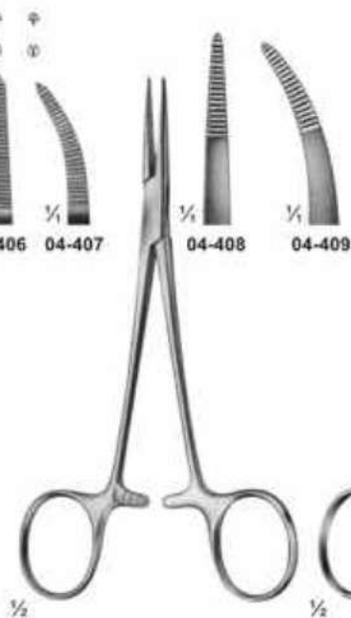
**04-396 - 04-399**  
 BABY-MOSQUITO  
 (HARTMANN)  
 100 mm



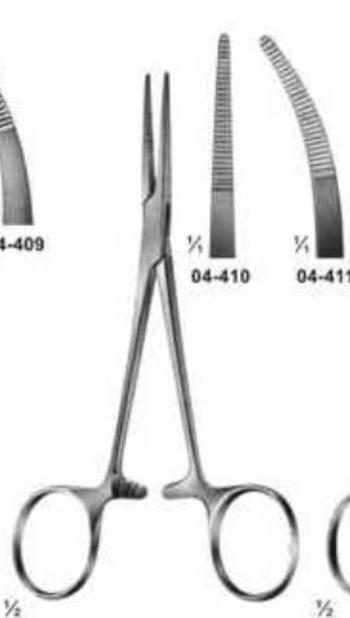
**04-400 - 04-403**  
 MICRO-HALSTED  
 125 mm



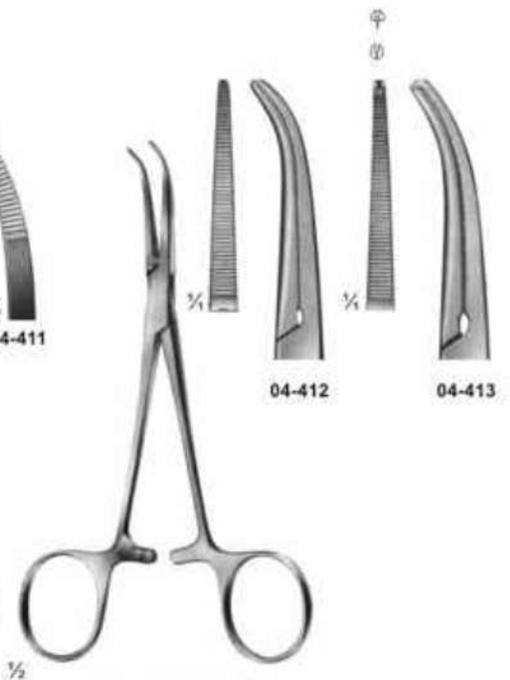
**04-404 - 04-407**  
 HALSTED-MOSQUITO  
 125 mm



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

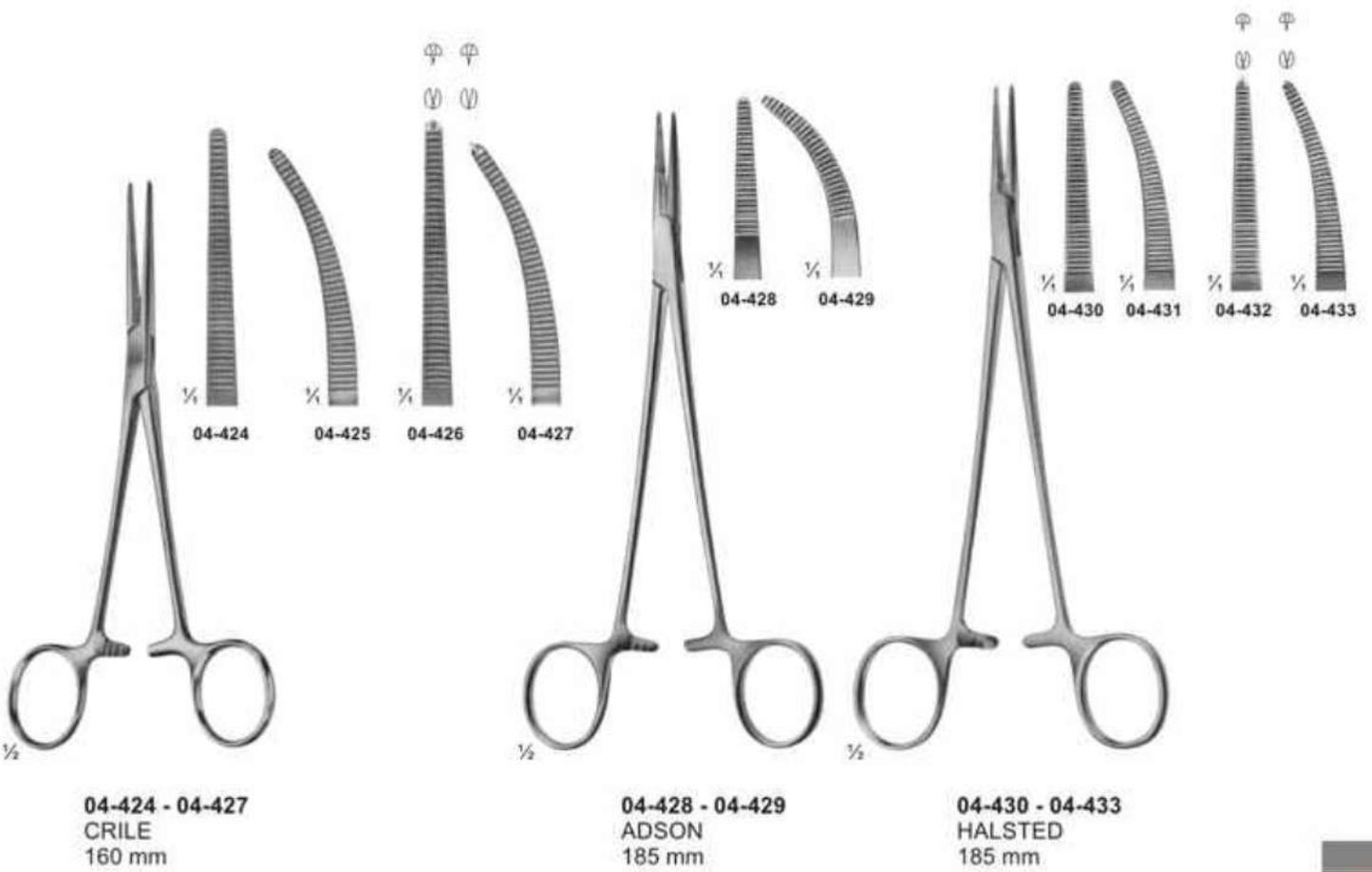
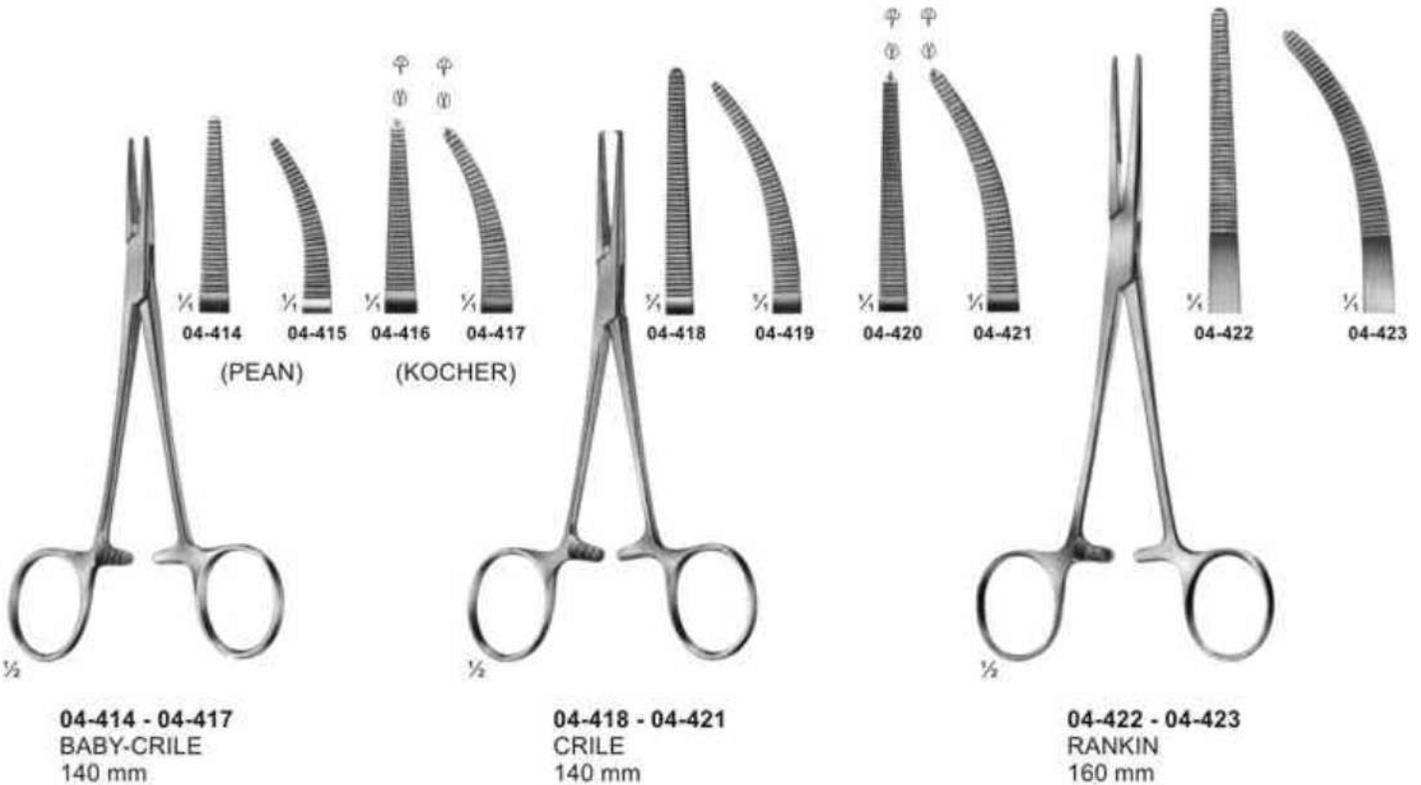


**04-410 - 04-411**  
 KELLY  
 140 mm



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

# Delicate Haemostatic Forceps



# Haemostatic Forceps

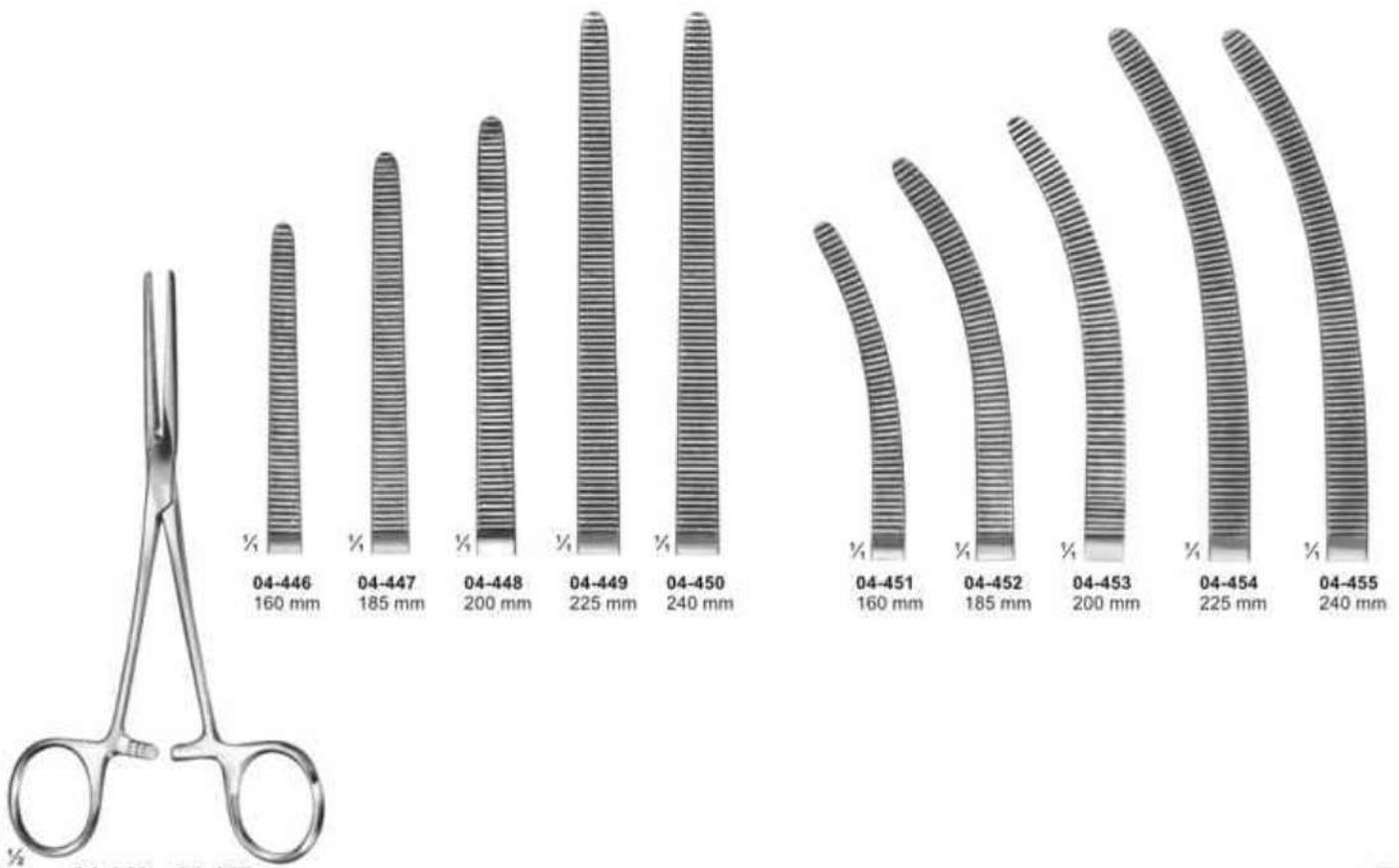


04-434 130 mm    04-435 140 mm    04-436 130 mm    04-437 140 mm

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

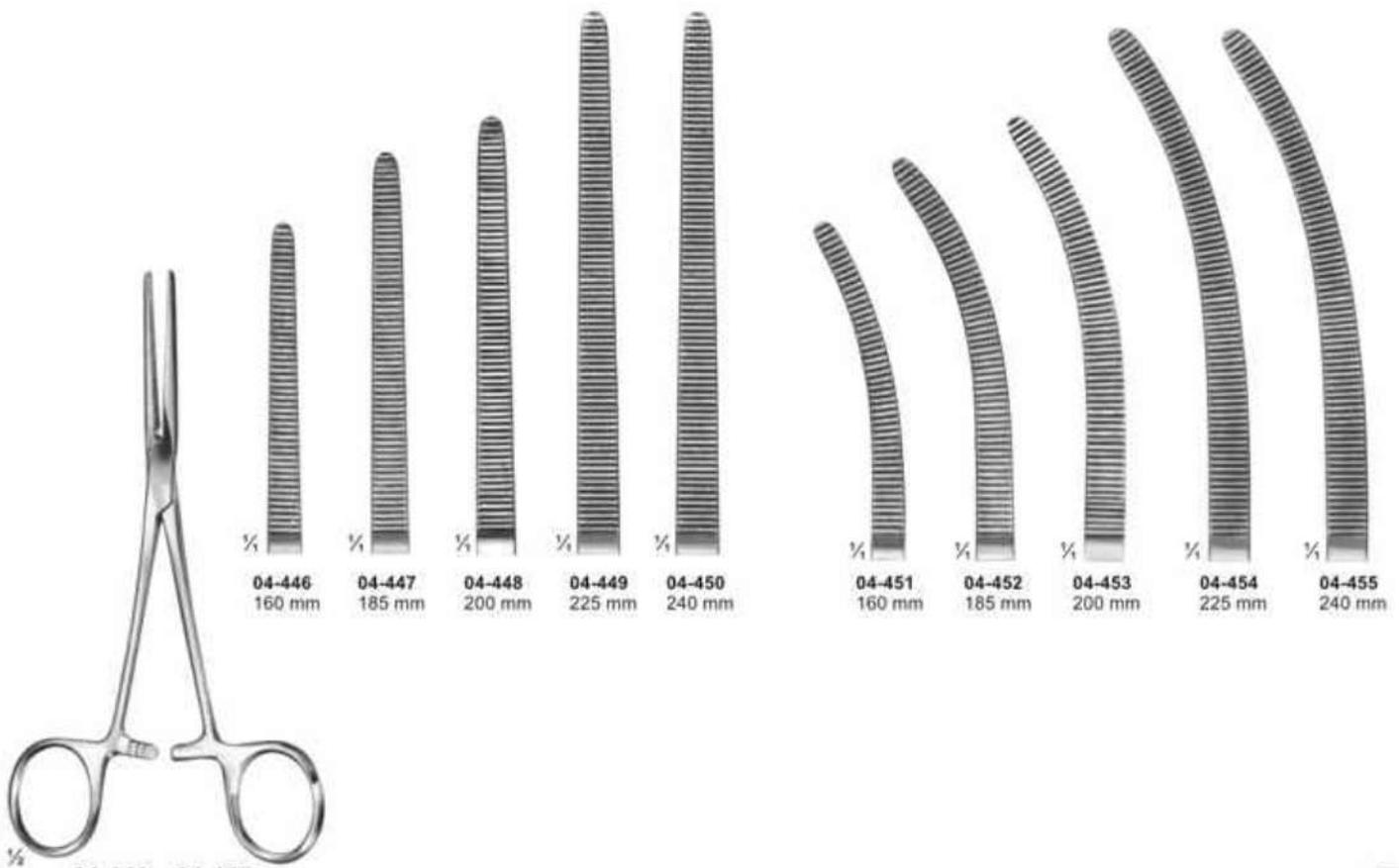


04-434 130 mm  
 04-435 140 mm  
 04-436 130 mm  
 04-437 140 mm

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



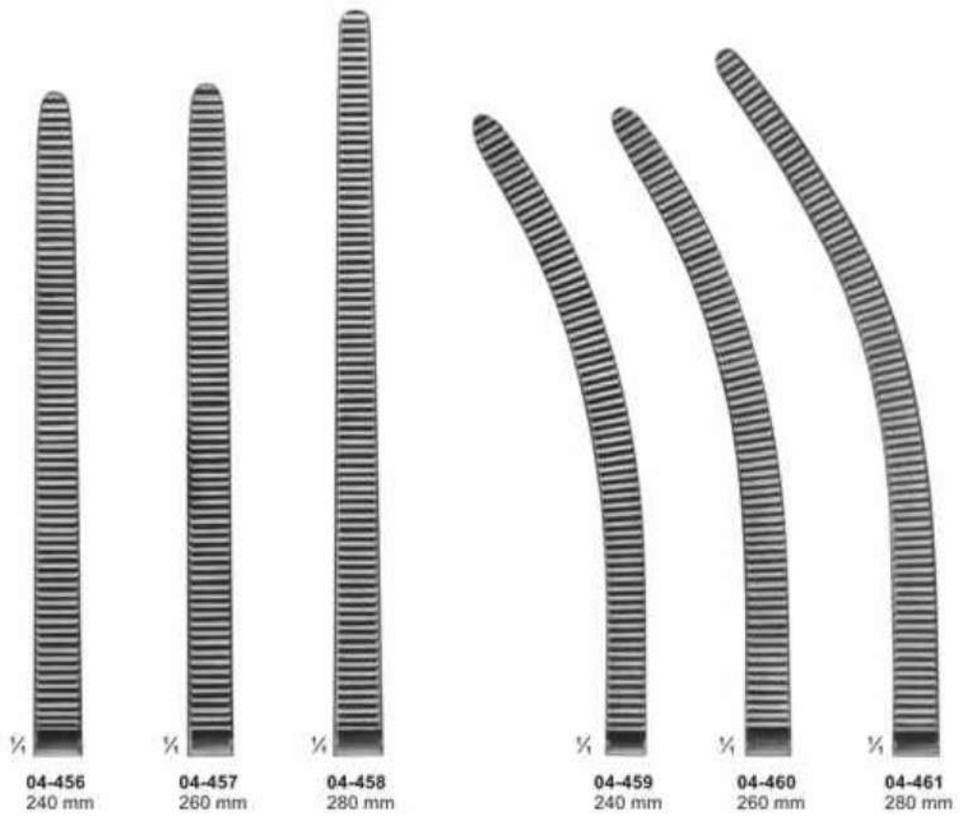
04-446 160 mm  
 04-447 185 mm  
 04-448 200 mm  
 04-449 225 mm  
 04-450 240 mm  
 04-451 160 mm  
 04-452 185 mm  
 04-453 200 mm  
 04-454 225 mm  
 04-455 240 mm

**04-446 - 04-455**  
 ROCHESTER-PEAN

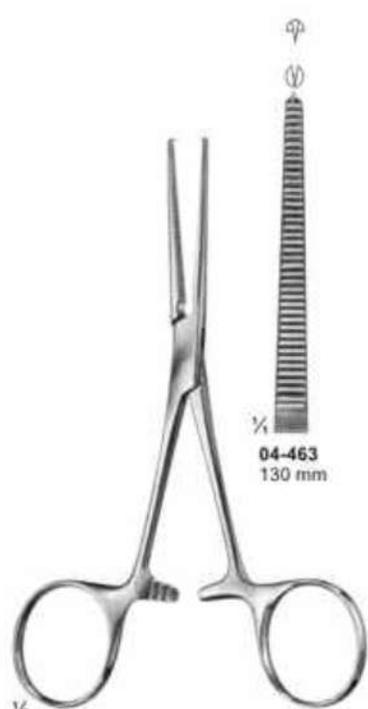
# Haemostatic Forceps



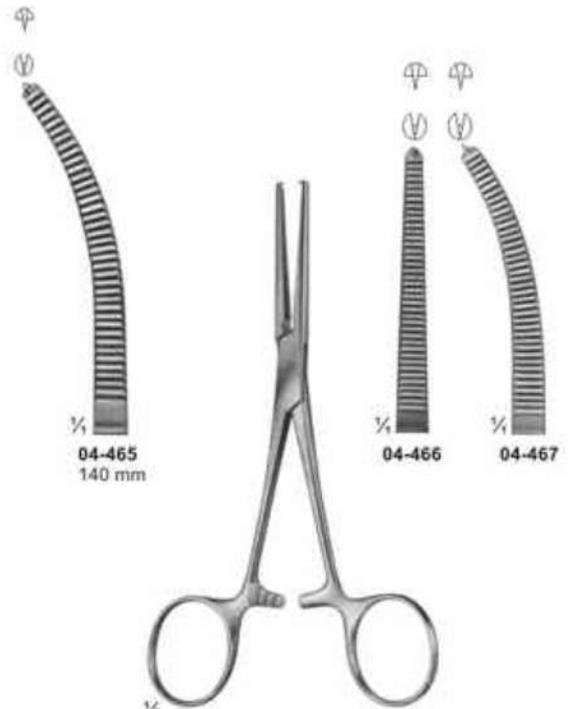
**04-456 - 04-461**  
 PEAN



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

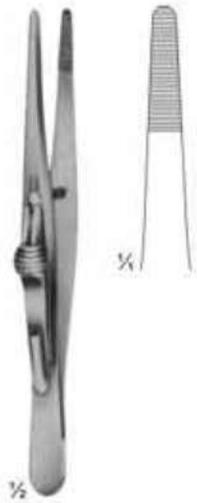


**04-463 - 04-465**  
 KOCHER



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

# Haemostatic Forceps



**04-480**  
**FRICKE**  
 Artery forceps  
 130 mm



**04-481**  
**KRONLEIN**  
 130 mm



**04-482**  
**PEAN**  
 125 mm



**04-483**  
 125 mm



**04-484**  
 140 mm

**04-483 - 04-484**  
**PEAN**



**04-485**  
**PEAN**  
 125 mm

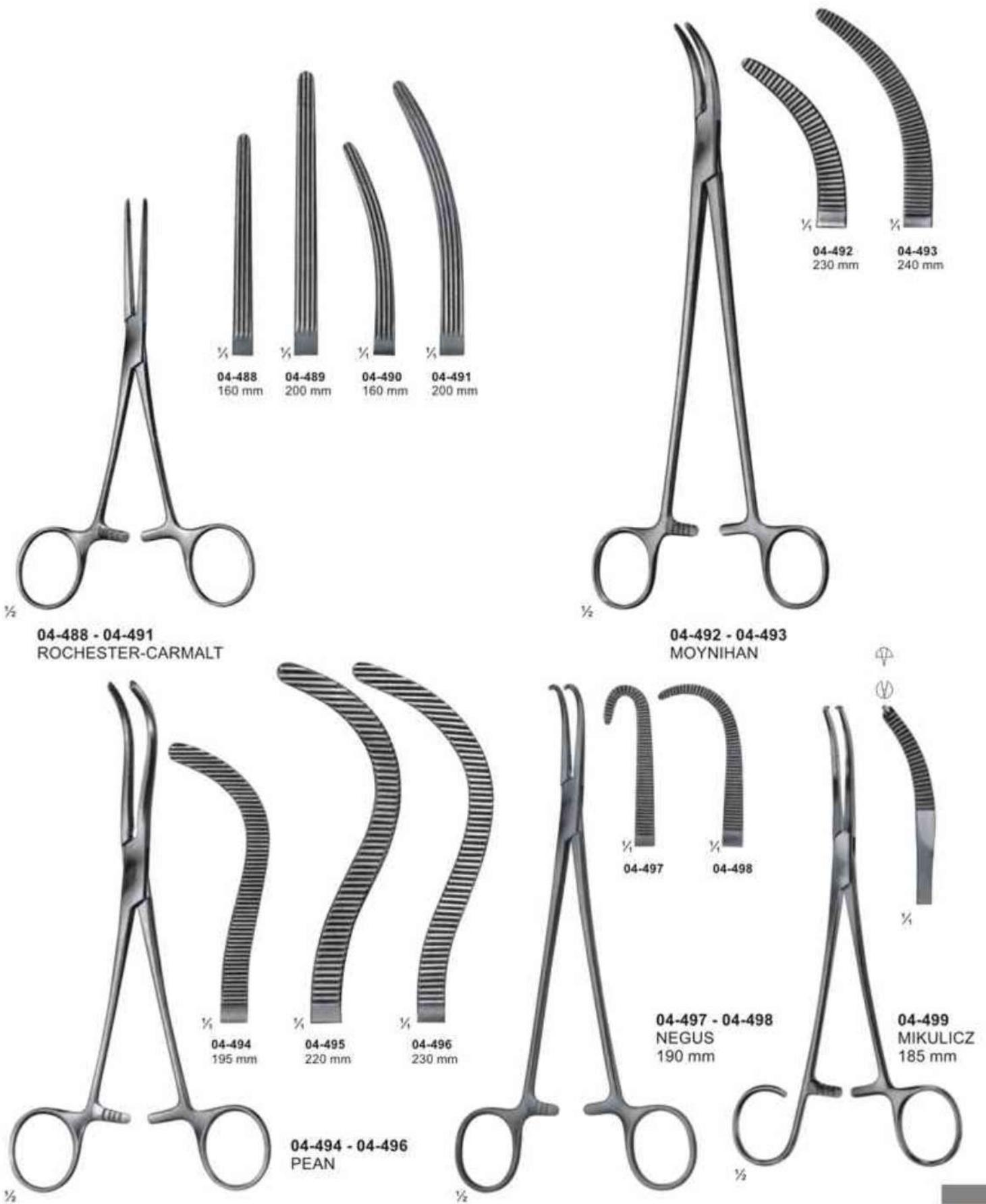


**04-486**  
 165 mm

**04-487**  
 185 mm

**04-486 - 04-487**  
**PEAN**

# Haemostatic Forceps, Special Pattern, Tonsil Forceps



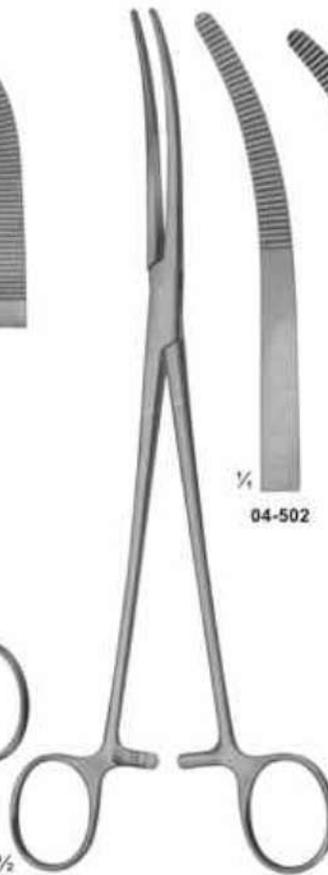
# Dissecting- and Ligature Forceps



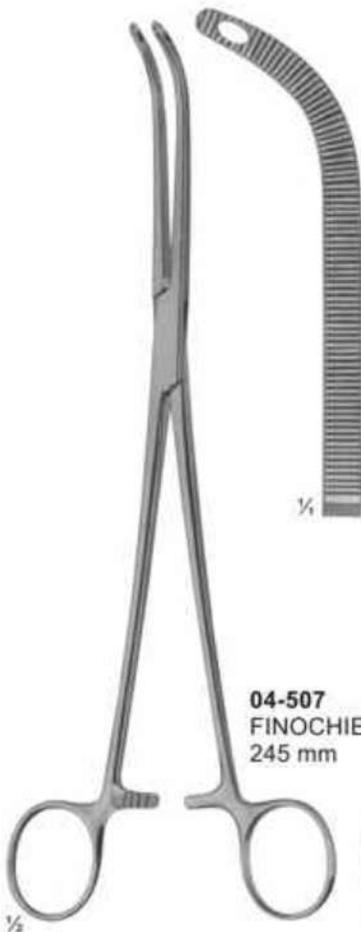
**04-500**  
 MIXTER-O'SHAUGHNESSY  
 190 mm



**04-501**  
 HEISS  
 195 mm



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



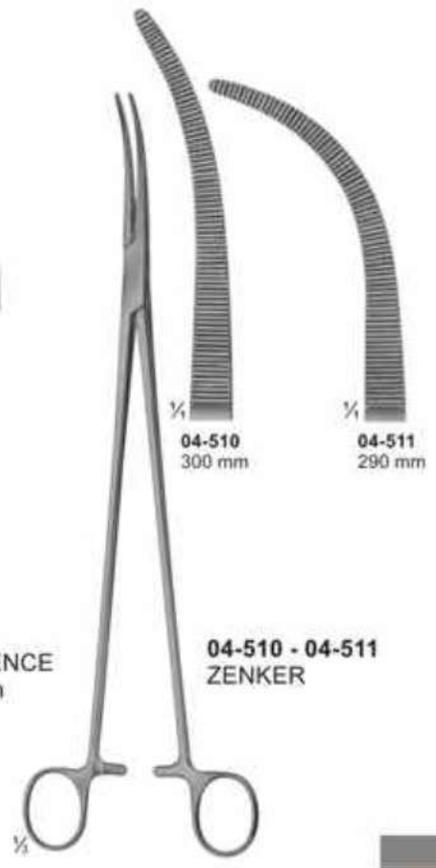
**04-507**  
 FINOCHIETTO  
 245 mm



**04-508**  
 MIXTER  
 230 mm



**04-509**  
 LAWRENCE  
 270 mm



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



# Hysterectomy Forceps, Vaginal Clamps and Compression Forceps



**04-512**  
WERTHEIM  
Hysterectomy forceps  
255 mm



**04-513**  
WERTHEIM  
Parametrium clamp  
260 mm



**04-514 - 04-516**  
DICK

**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



**04-519**  
60 mm

**04-520**  
80 mm

1/4



**04-518**  
WERTHEIM-CULLEN  
215 mm

1/2



**04-519 - 04-520**  
230 mm

1/2

## 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



**05-109**



**05-110 - 111**  
**JACOBSON**  
185 mm

**05-110**  
without catch

**05-111**  
with catch



**05-112**  
without catch  
195 mm

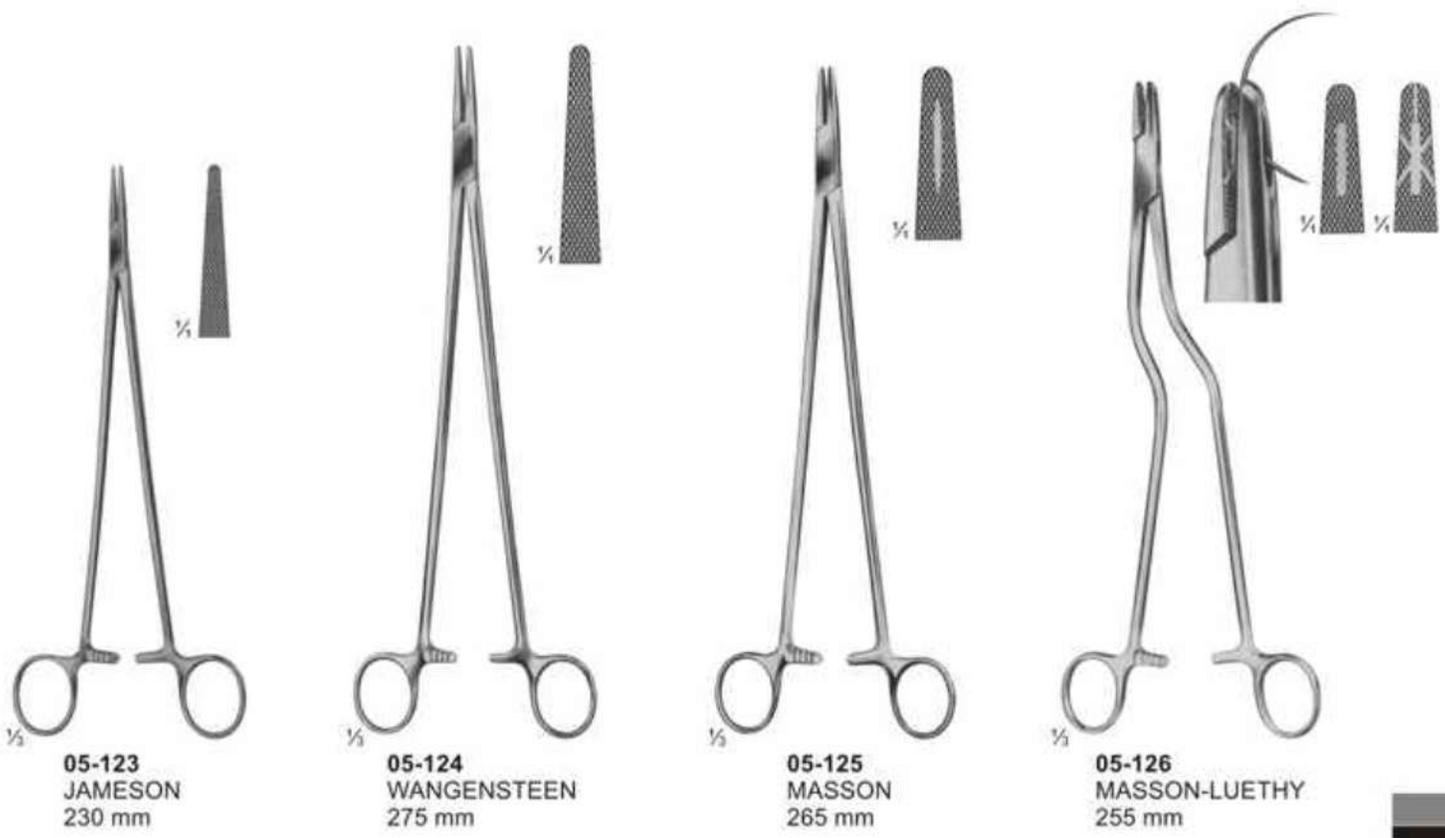


**05-113 - 114**  
**YASARGIL**  
with catch  
200 mm

**05-113**

**05-114**

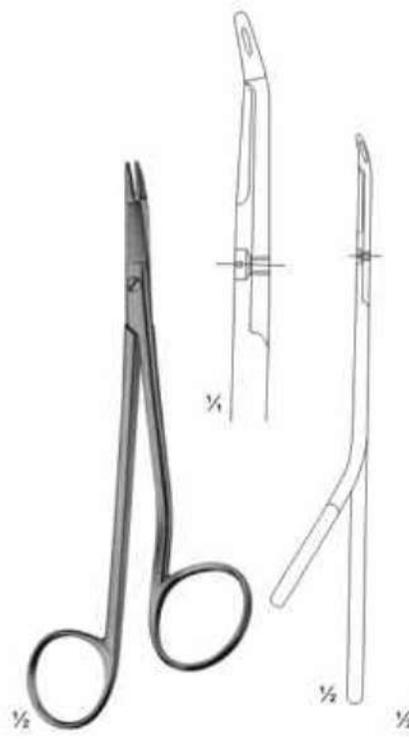
# Needle Holders



# Needle Holders



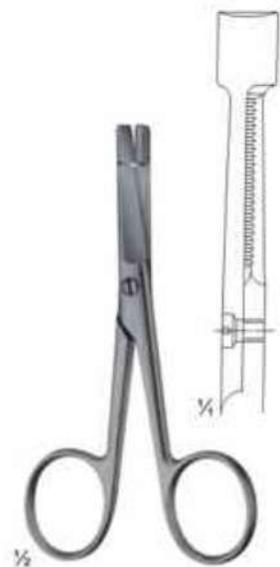
**05-127 - 128**  
**HEGAR-OLSEN**  
 255 mm



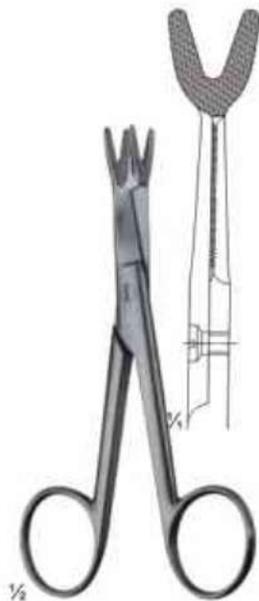
**05-129**  
**GILLIES**  
 150 mm



**05-130**  
**GILLIES**  
 160 mm



**05-131**  
**EISELSBERG**  
 115 mm



**05-132**  
**SCHOEMAKER-LOTH**  
 125 mm

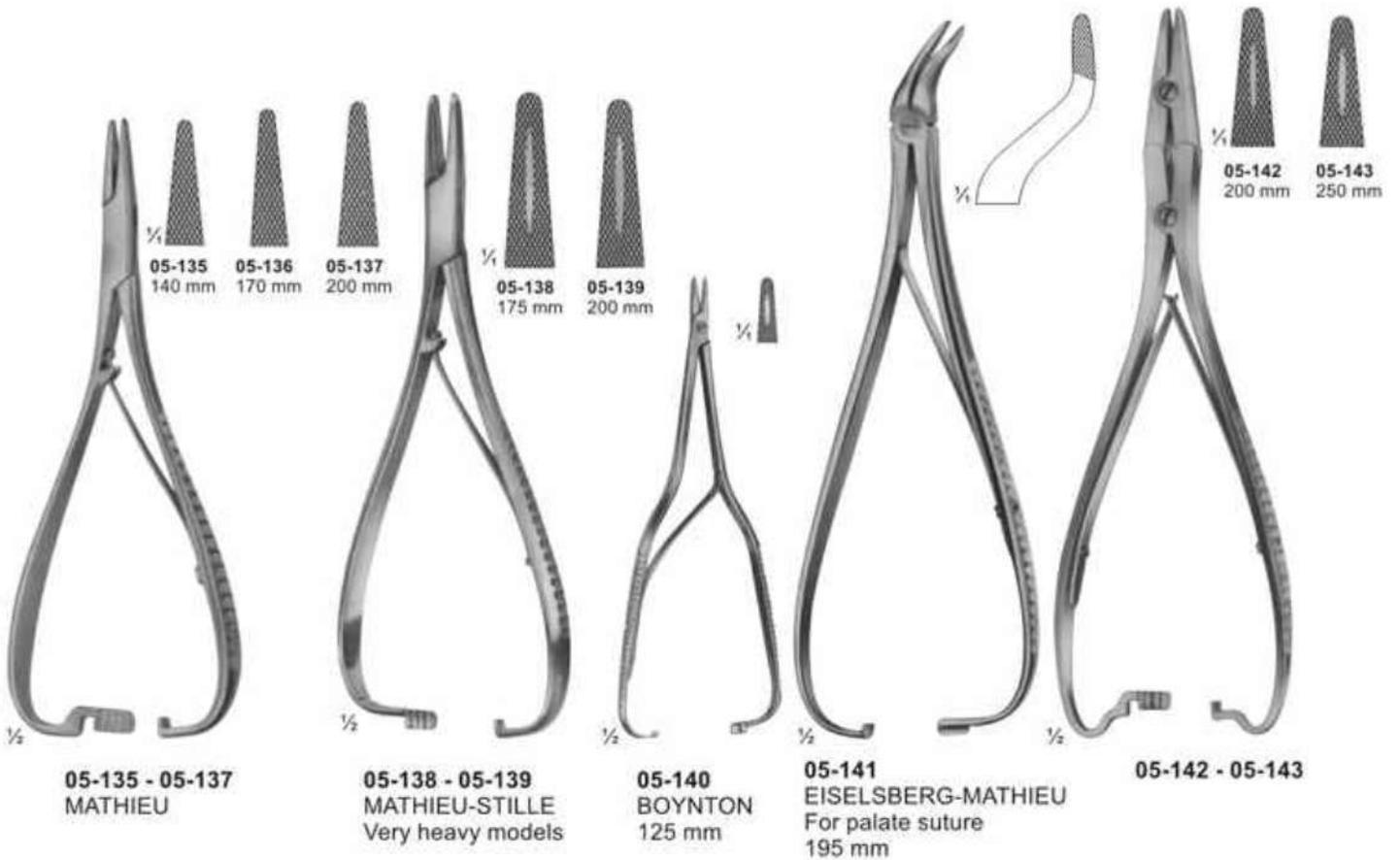


**05-133**  
**CRILE**  
 150 mm

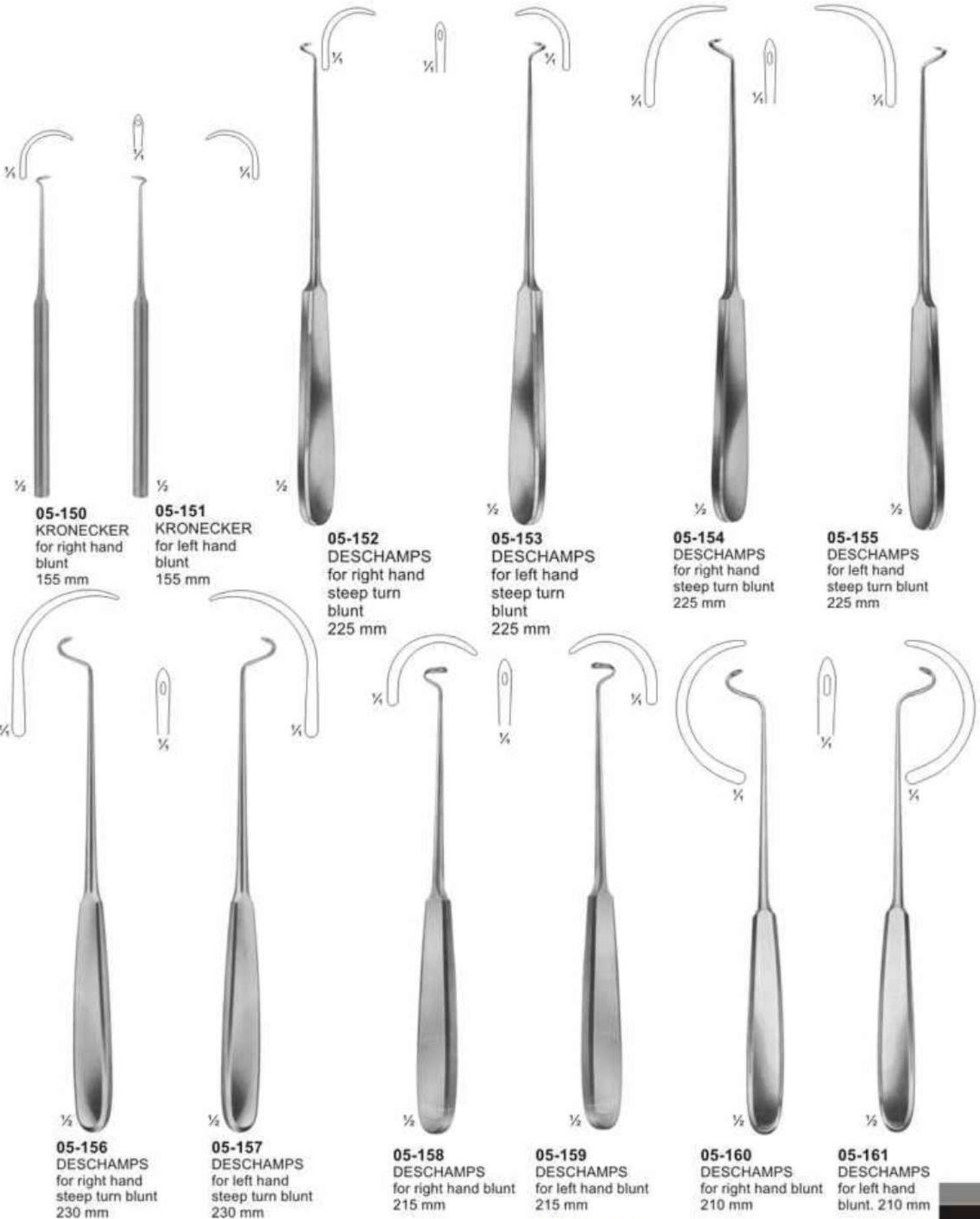


**05-134**  
**TOENNIS**  
 Elastic pattern for dura-or  
 intestinal suture. 180 mm

# Needle Holders



## Suture Instruments - Reverdin Needles



# Probes



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



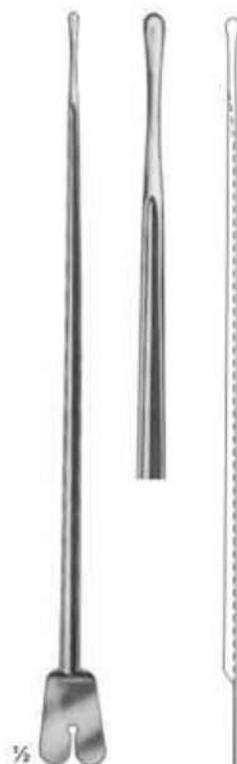
**05-165**  
DOYEN  
145 mm  
Directors



**05-166**  
NELATON  
160 mm  
Directors



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



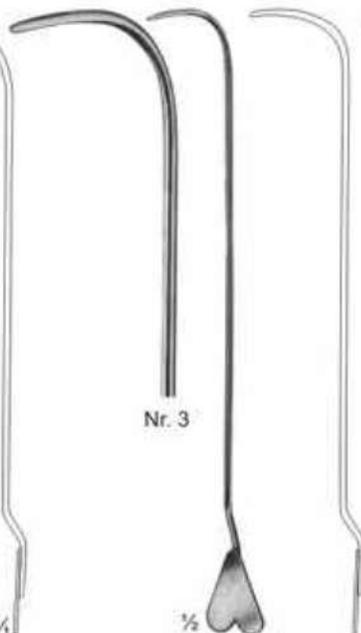
**05-168**  
BRODIE  
Director with tip,  
Diam. Of tip 3,5 mm  
200 mm



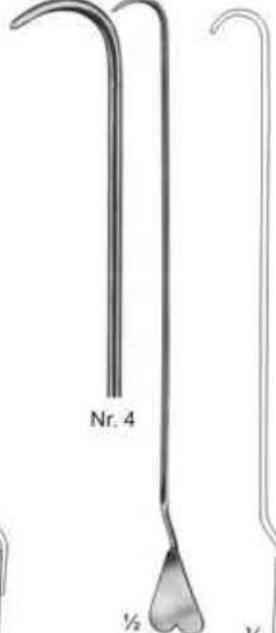
**05-169**  
LOCKHART-MUMMERY  
165 mm



**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

1/2

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



1,5 mm

1/2

05-177  
Myrtle leaf probe  
145 mm



2,0 mm

1/2

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



1/2

05-183  
Probes



1/2

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



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



1/4

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



1/2  $\varnothing$  tip

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

## Suturing Instrument Set, Pocket Instrument Set



### 05-190

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



### 05-191

Pocket instrument set, in metal case consisting of:

#### Bottom tray

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

#### Top tray

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



### 05-192

Pocket instrument set, in metal case consisting of:

#### Bottom tray

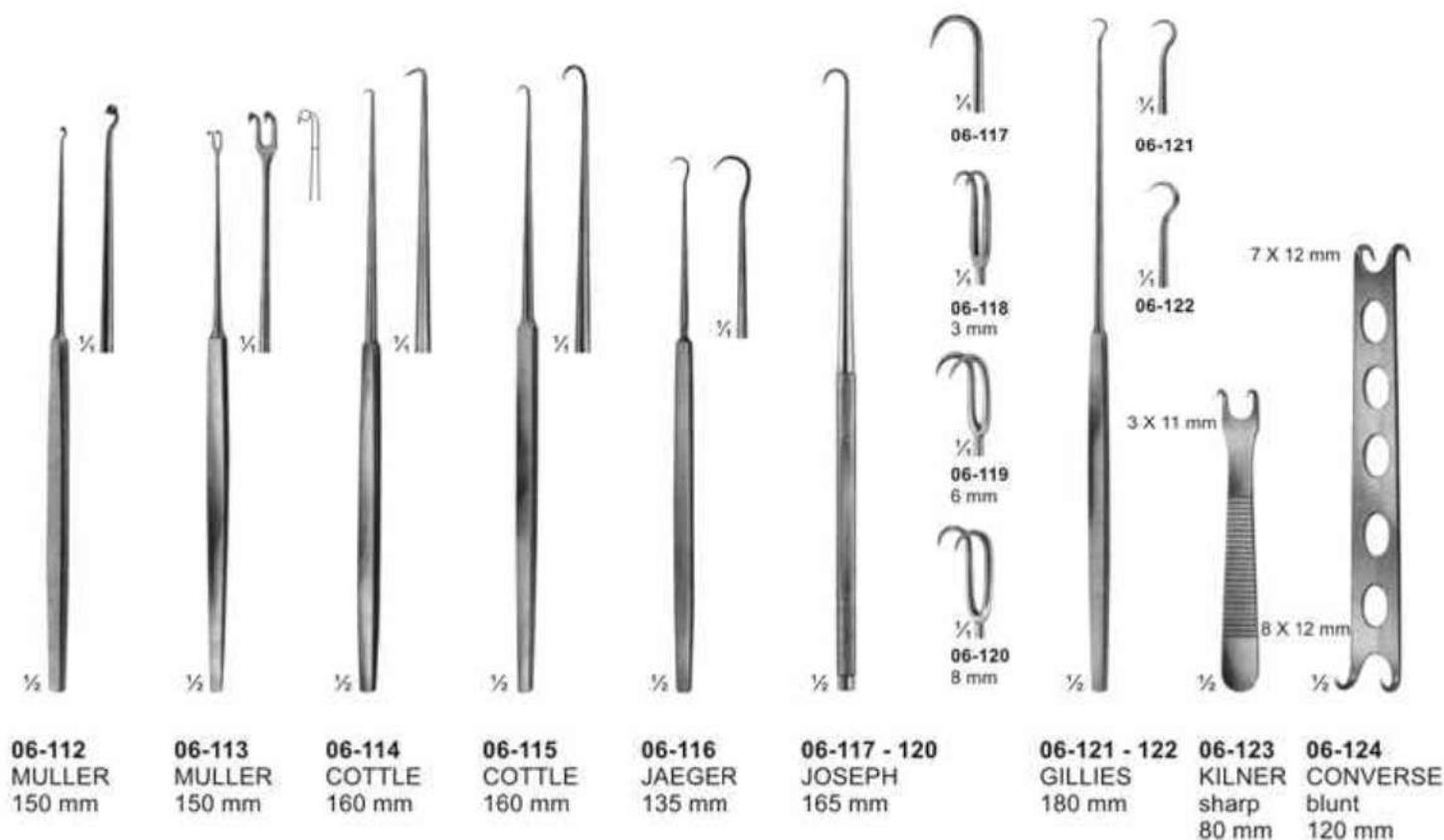
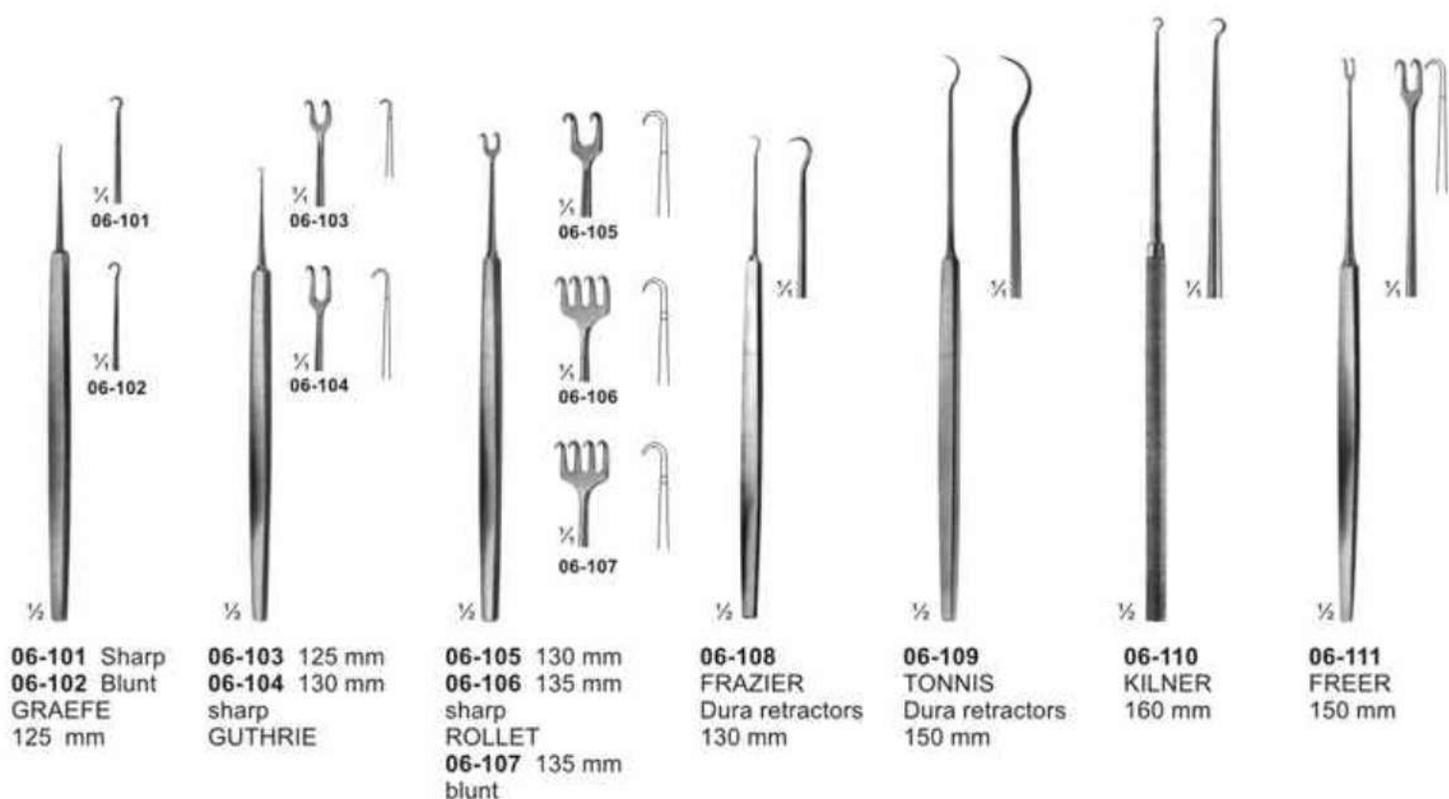
1 MAYO-HEGER needle holder, 150mm  
1 MICHEL clip forceps, combined  
1 Myrtle leaf probe, 130mm  
1 Sharp double curette  
1 Skin hook  
1 Detachable scalpel handle, no. 4  
1 Perforated metal case, consisting  
6 Scalpel blades  
1 Perforated metal case, stainless, consisting:  
1 Suture needle  
1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

#### Top tray

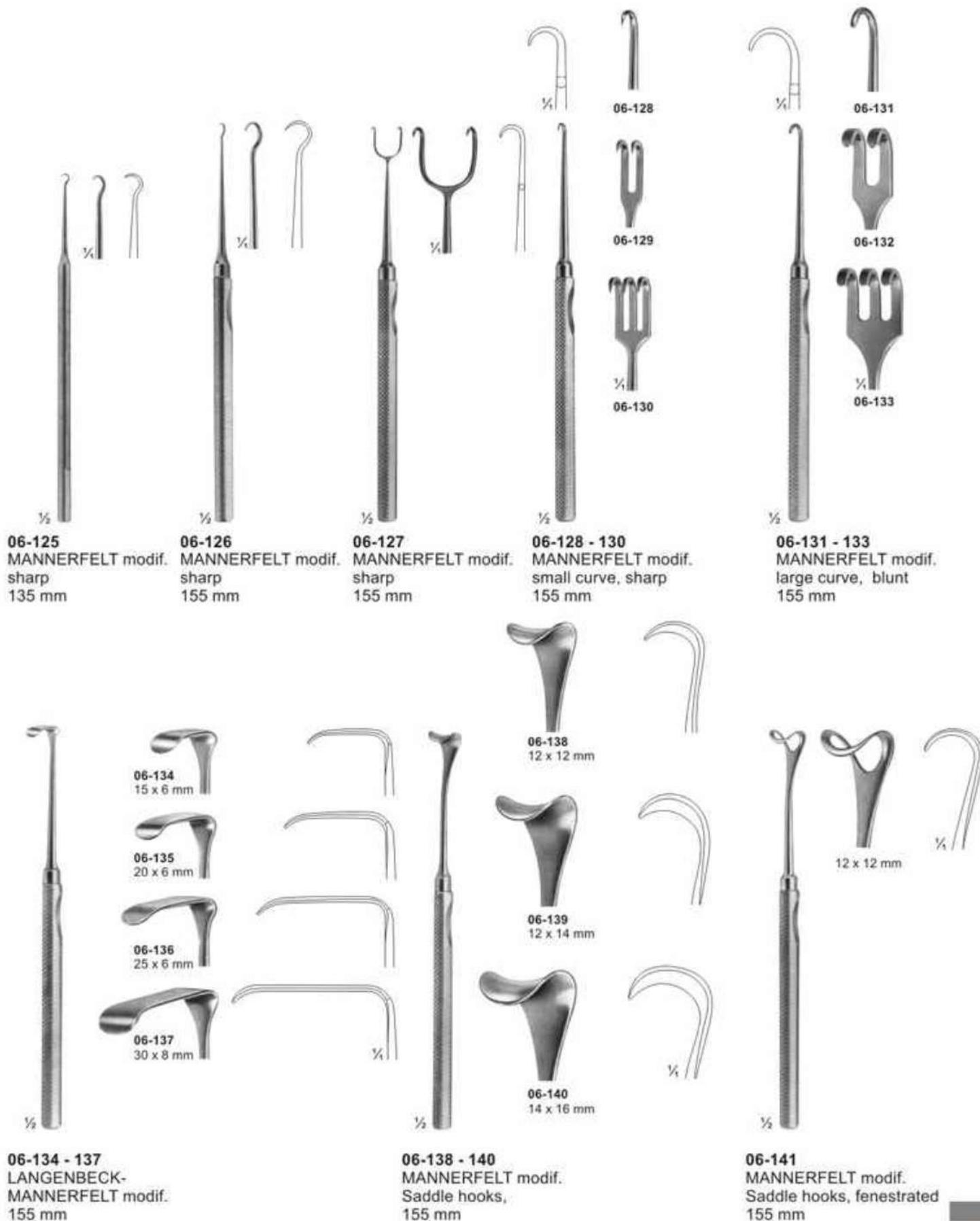
1 Tissue forceps, 130mm  
1 CRILE haemostatic forceps, 140mm  
1 Straight surgical scissors, 130mm  
1 Dissecting forceps, 130mm  
1 FEILCHENFELD splinter forceps, 115mm  
25 MICHEL clip, 16 x 3mm  
1 Flacon of suture silk, sterile in alcohol



## Fine Wound Retractors (Dura- and Skin Retractors)



## Retractors With treangle handle



# 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

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

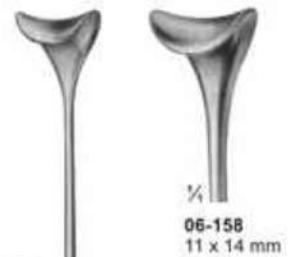
06-155 - 156  
 CUSHING  
 205 mm



20 x 15 mm

20 x 19 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



# Retractors

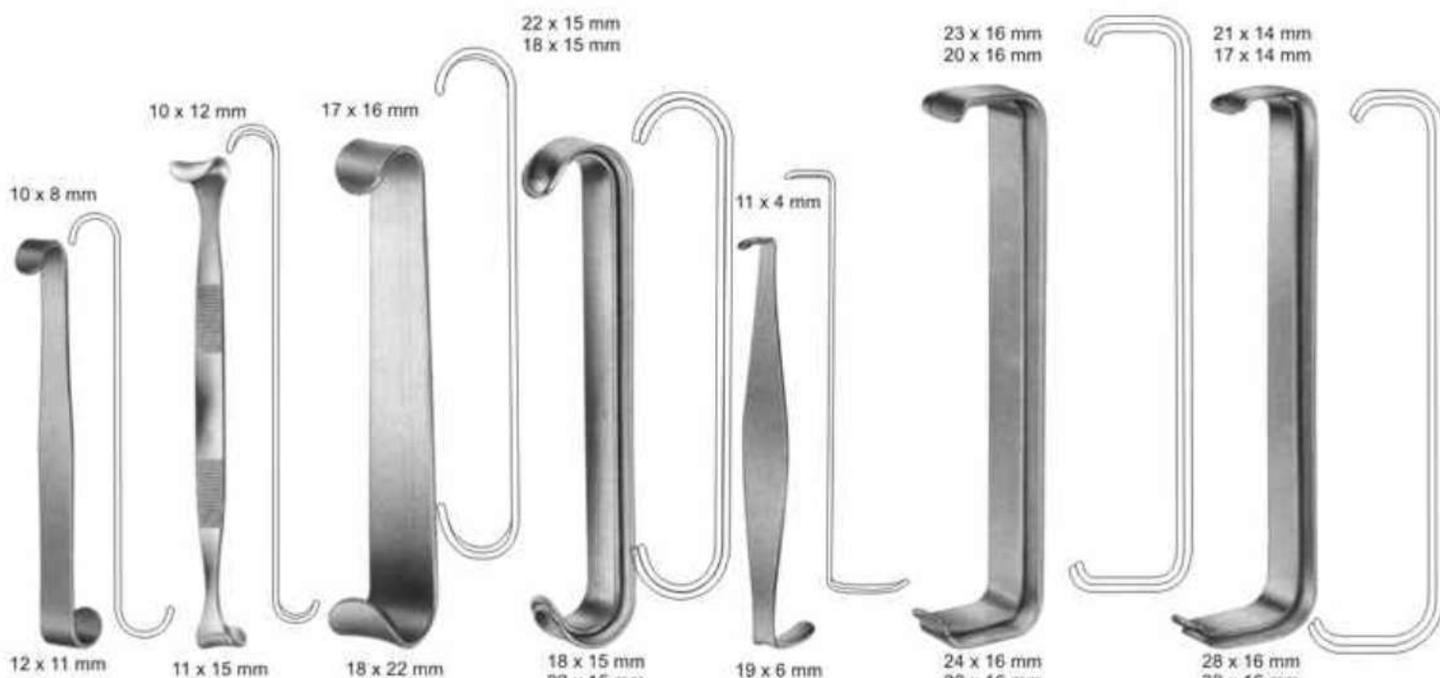


**06-169 - 06-170**  
BABY-SENN-MILLER  
155 mm

**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



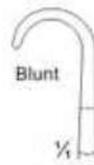
**06-190**  
9 x 13 mm



**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

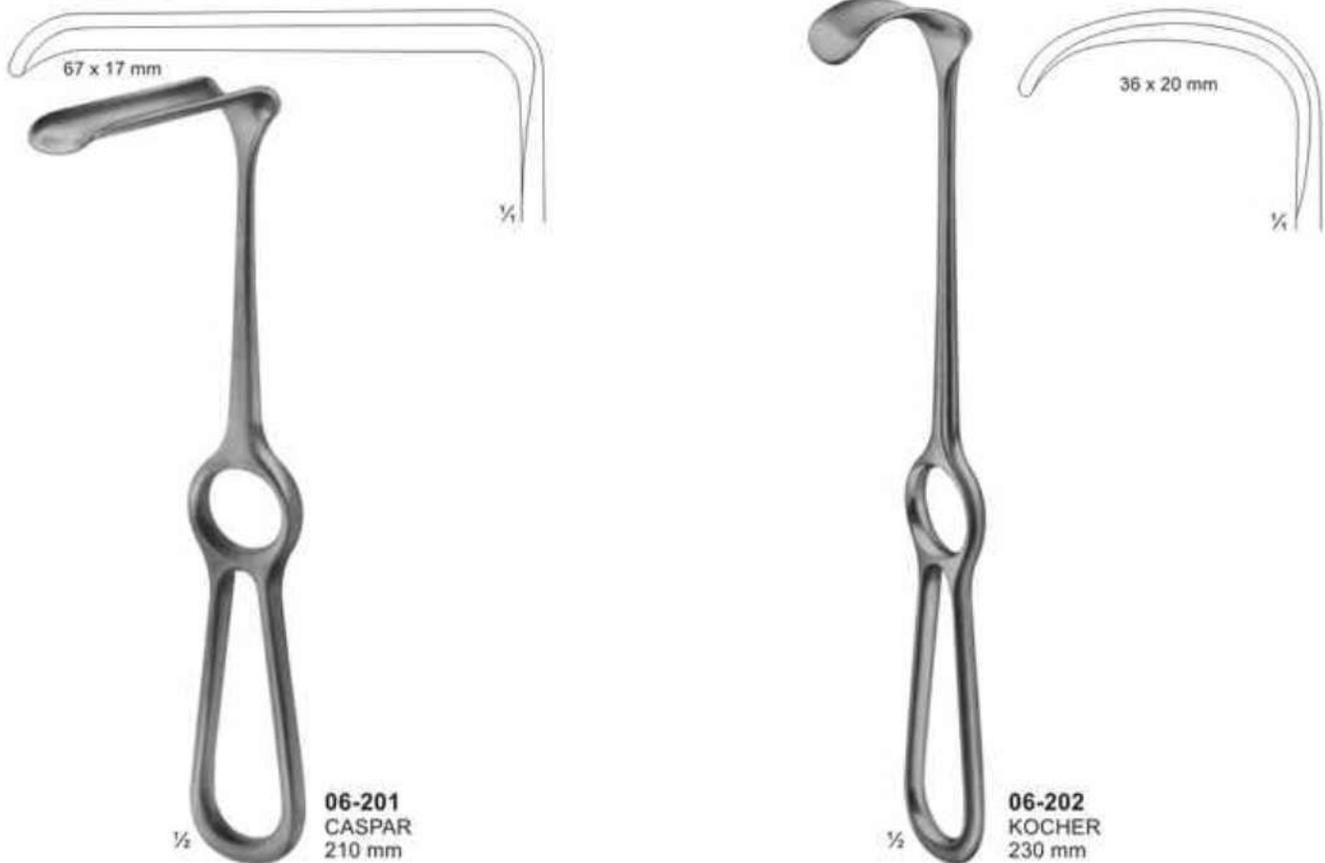
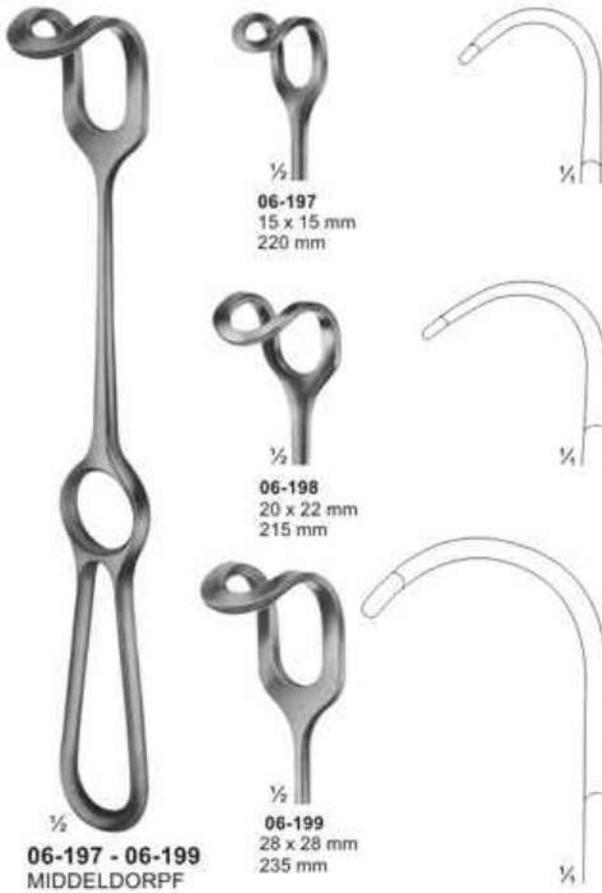


**06-195**  
8,5 x 19 mm



**06-196**  
8,5 x 29 mm

# Retractors





## Retractors, Vario Retractor System



06-203 80 x 20 mm



06-203-06-209  
BRUNNER

275 mm

06-203 80 x 20

06-204 100 x 25

06-205 120 x 25

06-206 130 x 30

06-207 140 x 30

06-208 160 x 30

06-209 180 x 30



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

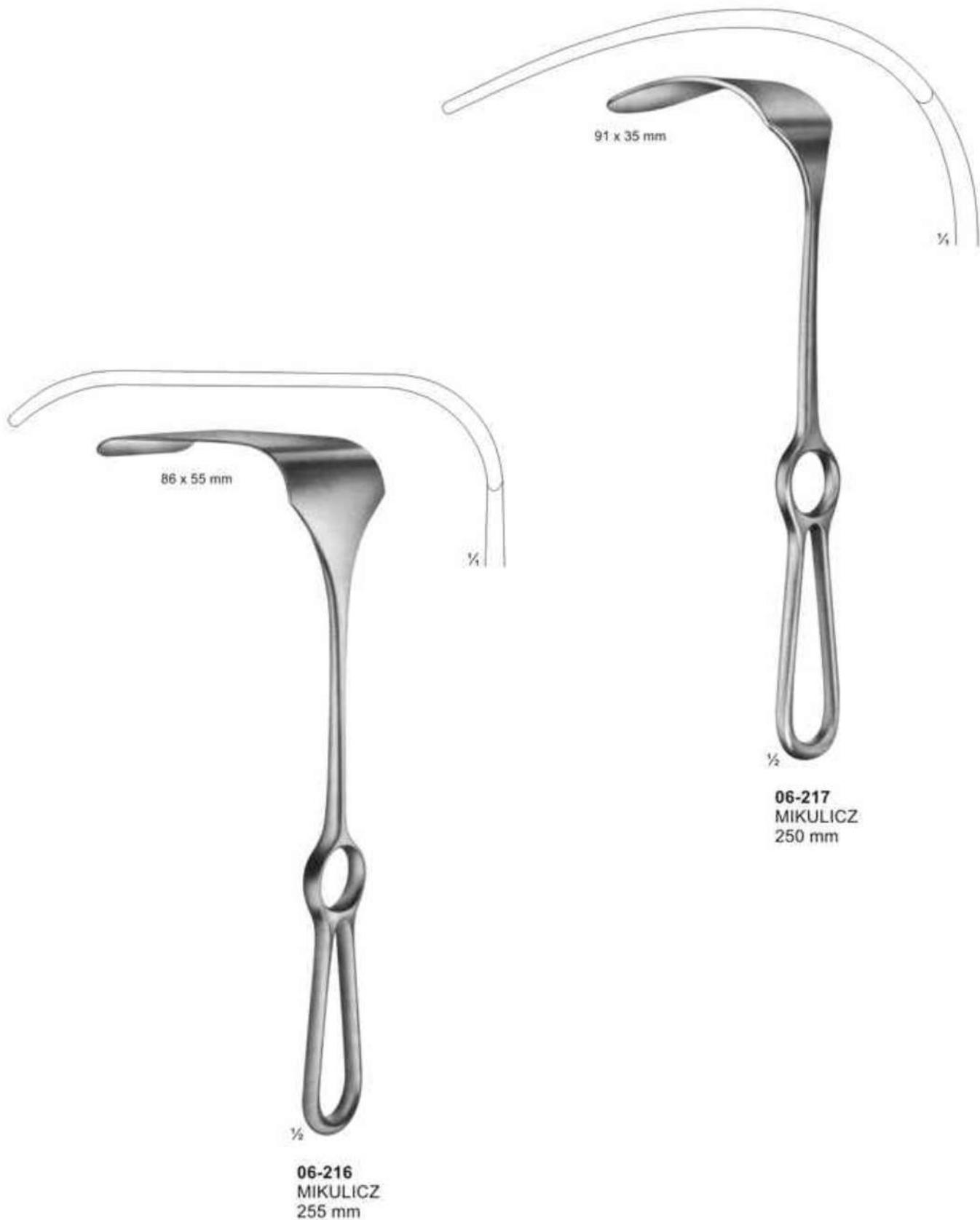
Handle arrange-  
ment verriable

# Retractors, Lung Spatulas





## Retractors for deep surgery (Abdominal Retractors)



# Retractors, Abdominal Retractors



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

**06-218 - 06-228**  
DOYEN  
240 mm

**06-229 - 06-233**  
FRITSCH  
240 mm

**06-234**  
DOYEN  
250 mm

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



# Abdominal- and Intestinal Spatulas Bauch- und Darmspatel



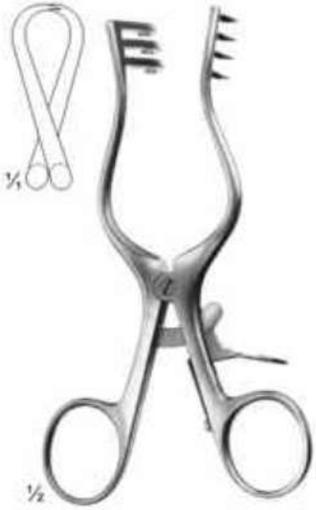
**06-235**  
LERICHE  
255 mm

**06-236**  
KUMMEL  
Mealleable  
285 mm

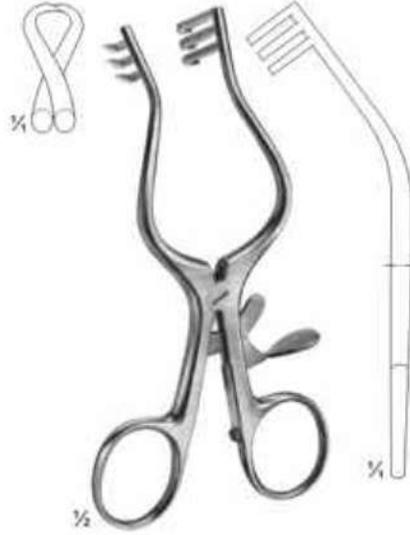
**06-237**  
MIKULICZ  
29 mm  
250 mm

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

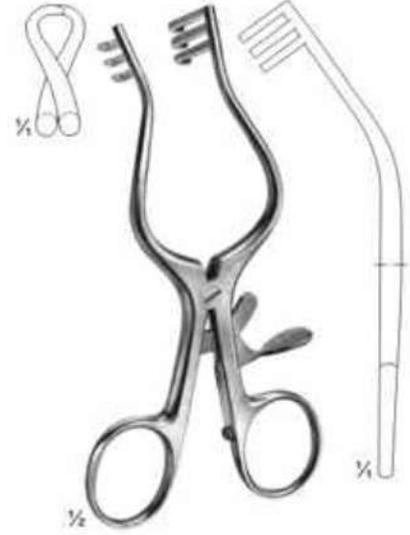
## Self-Retaining Retractors



**06-240**  
 WEITLANER  
 sharp  
 130 mm



**06-241**  
 WULLSTEIN  
 sharp  
 130 mm



**06-242**  
 WULLSTEIN  
 blunt  
 130 mm



**06-243**  
 WEITLANER  
 sharp  
 165 mm



**06-244**  
 PLESTER  
 blunt  
 110 mm



**06-245**  
 PERKINS  
 130 mm

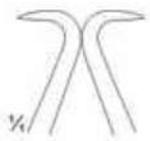
## Special Retractors



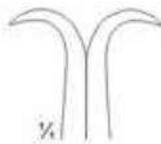
**06-246**  
**JOLL ( FRIEDMAN )**  
 Thyroid- and vaginal retractor  
 155 mm



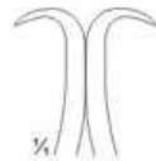
**06-247**  
**JACKSON BURROWS**  
 Retractor, blunt  
 185 mm



**06-248**  
**GELPI**  
 Vaginal retractor  
 135 mm



**06-249**  
**GELPI**  
 Skin- and vaginal retractor  
 175 mm



**06-250**  
**DE BAKEY**  
 Femur retractor  
 145 mm

# Lamina Spreaders



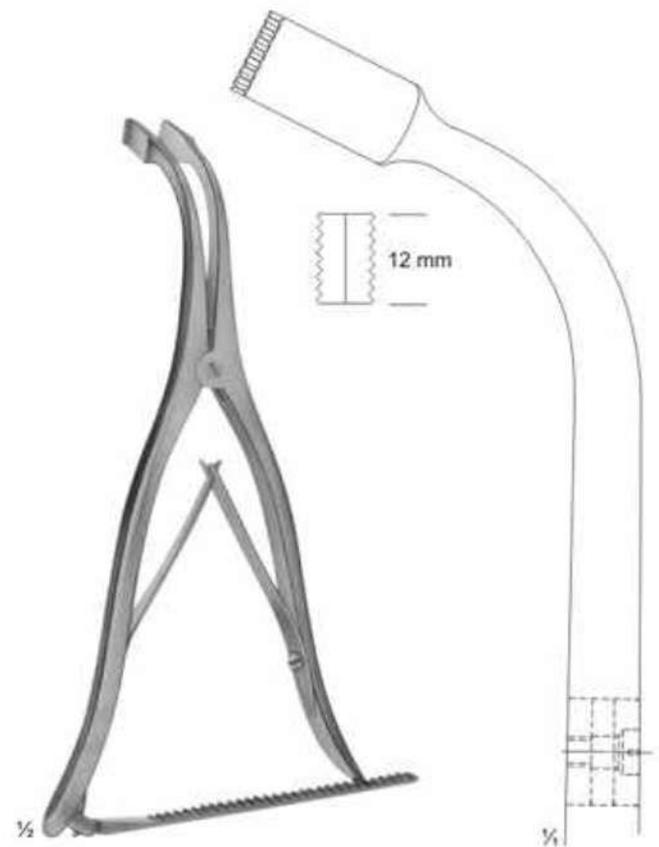
**06-251**  
**CLOWARD**  
 155 mm



**06-252**  
**CLOWARD**  
 135 mm



**06-253**  
**INGE**  
 170 mm

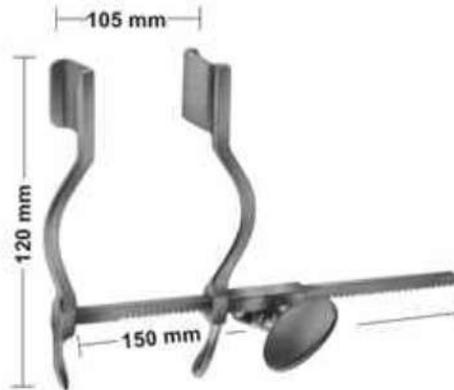


**06-254**  
**INGE**  
 275 mm

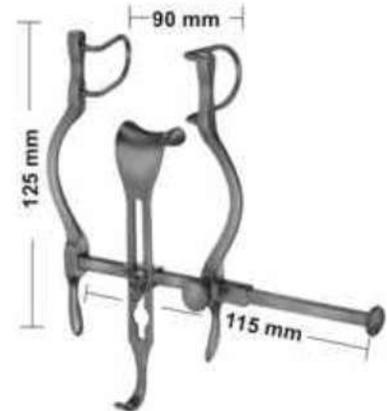
## Abdominal Retractors



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



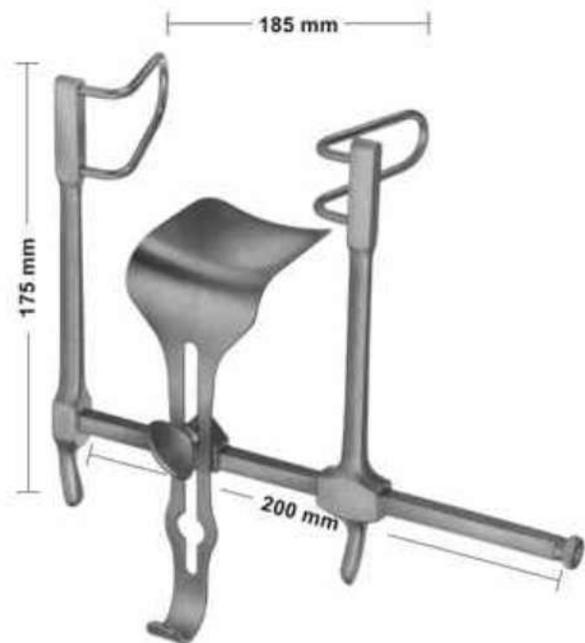
**06-256**  
HERTZLER  
Blades 20 X 25 mm



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

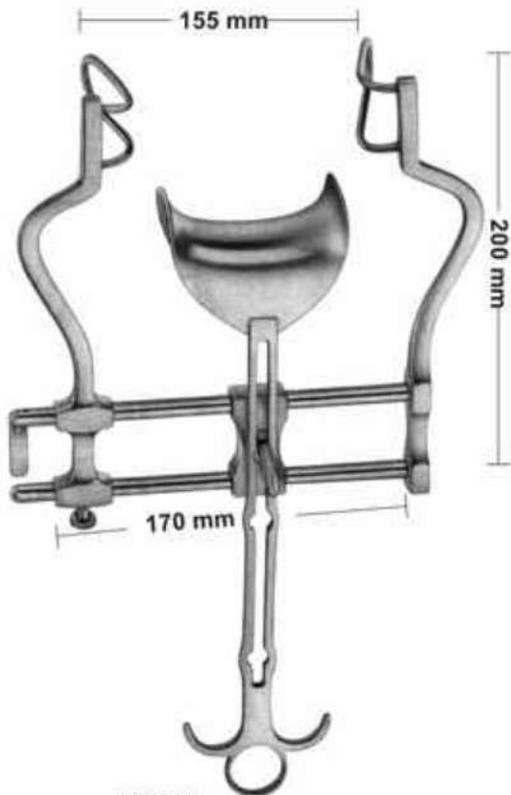


**06-258**  
GOSSET  
Blades: 55 mm deep



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

# Abdominal Retractors



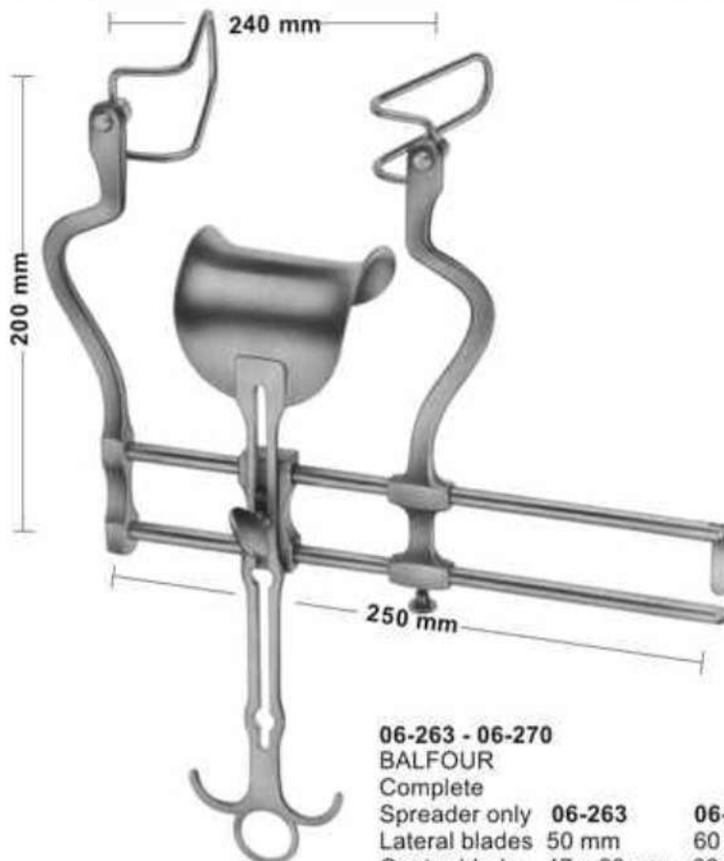
**06-260**  
BALFOUR  
Lateral blades 60 mm deep  
Center blade 47 x 80 mm



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



**06-262**  
Center blade only  
54x80 mm



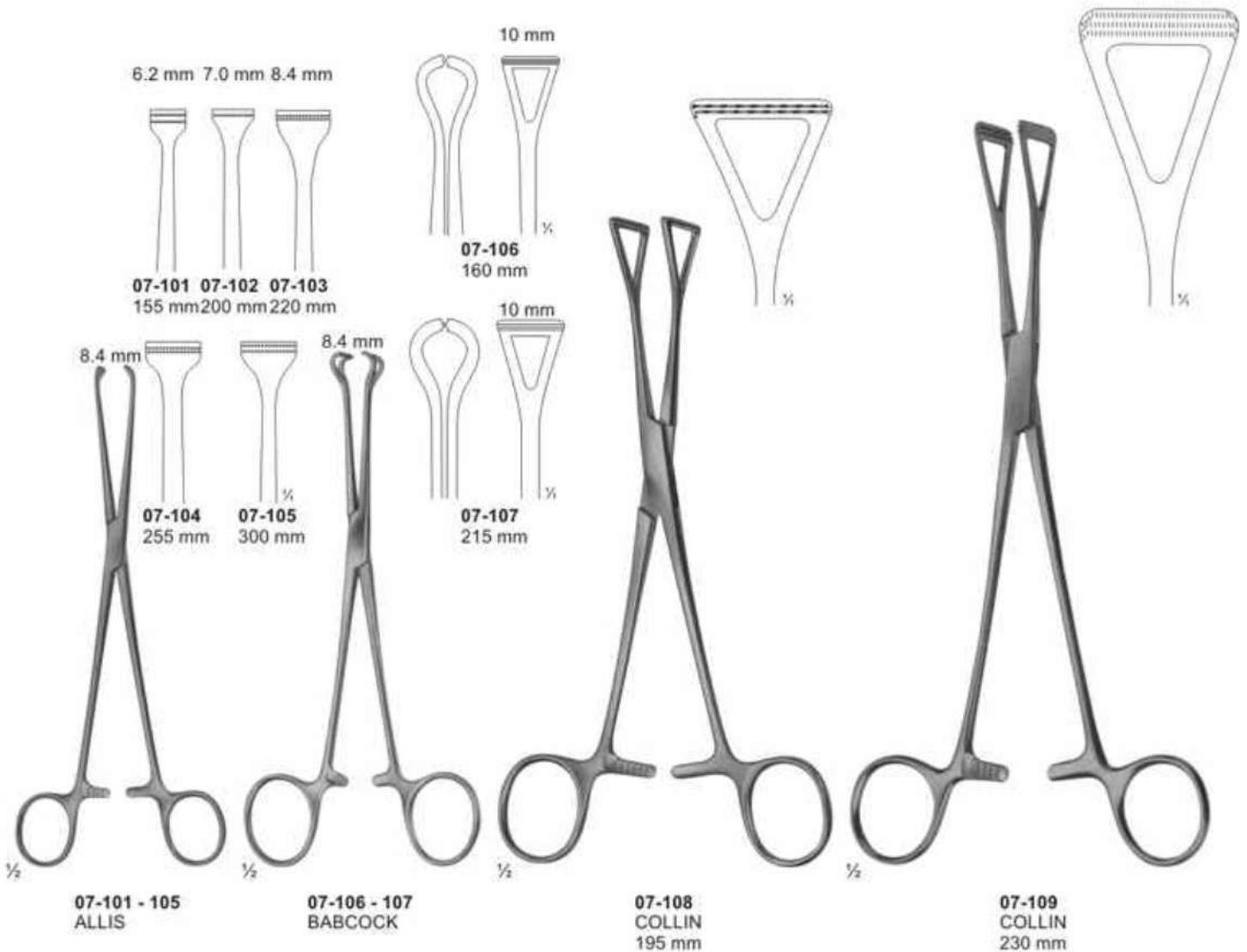
**06-263 - 06-270**  
BALFOUR  
Complete

Spreader only	<b>06-263</b>	<b>06-264</b>	<b>06-265</b>	<b>06-266</b>
Lateral blades	50 mm	60 mm	75 mm	90 mm
Center blade	47 x 80 mm	62x76 mm	80x80 mm	80x80 mm



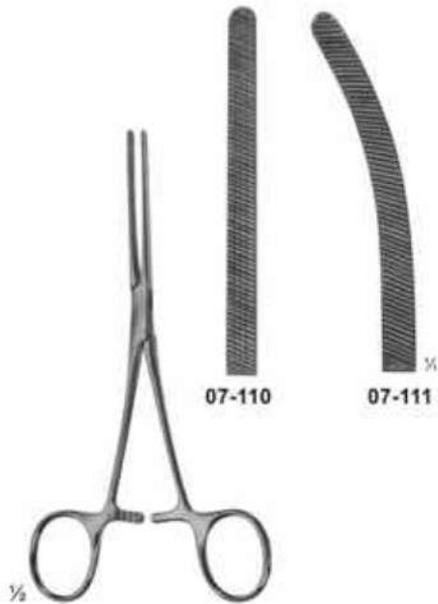
Lateral blades  
**06-267** 50 mm deep  
**06-268** 60 mm deep  
**06-269** 75 mm deep  
**06-270** 90 mm deep  
 Sales Unit of blades: PR = pair

# Organ-, Tissue and Intestinal Grasping Forceps

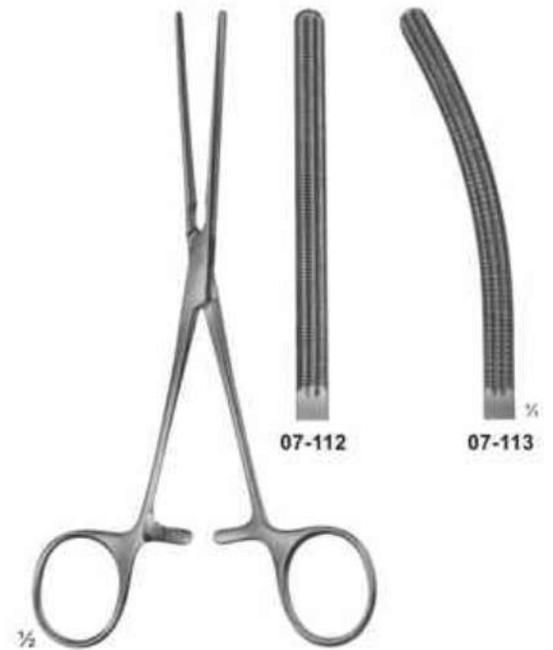


# Intestinal Clamps, soft elastic

## ATRAUMATA

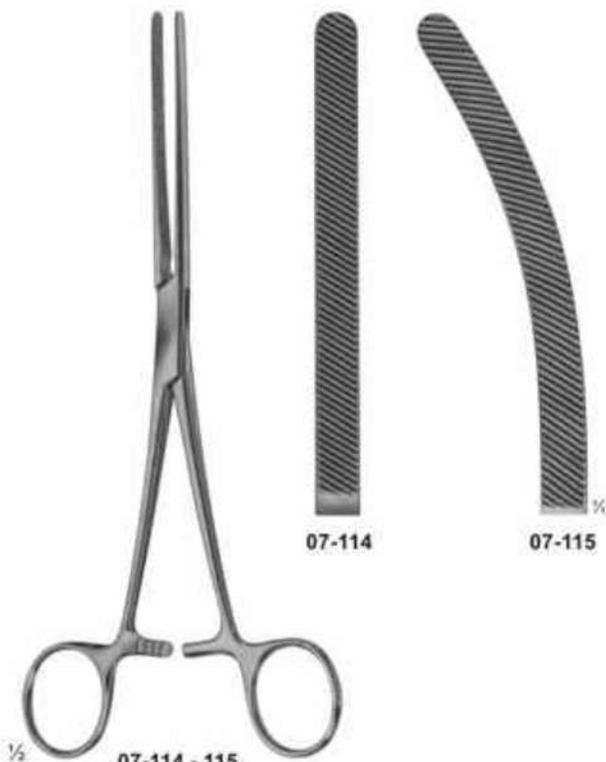


07-110 - 111  
 DOYEN  
 elastic  
 165 mm



07-112 - 113  
 DOYEN  
 with elastic blades  
 170 mm

## ATRAUMATA



07-114 - 115  
 HARTMANN  
 with elastic blades  
 200 mm



07-116 - 117  
 HARTMANN  
 with elastic blades  
 200 mm

## Intestinal and Pylorus Clamps



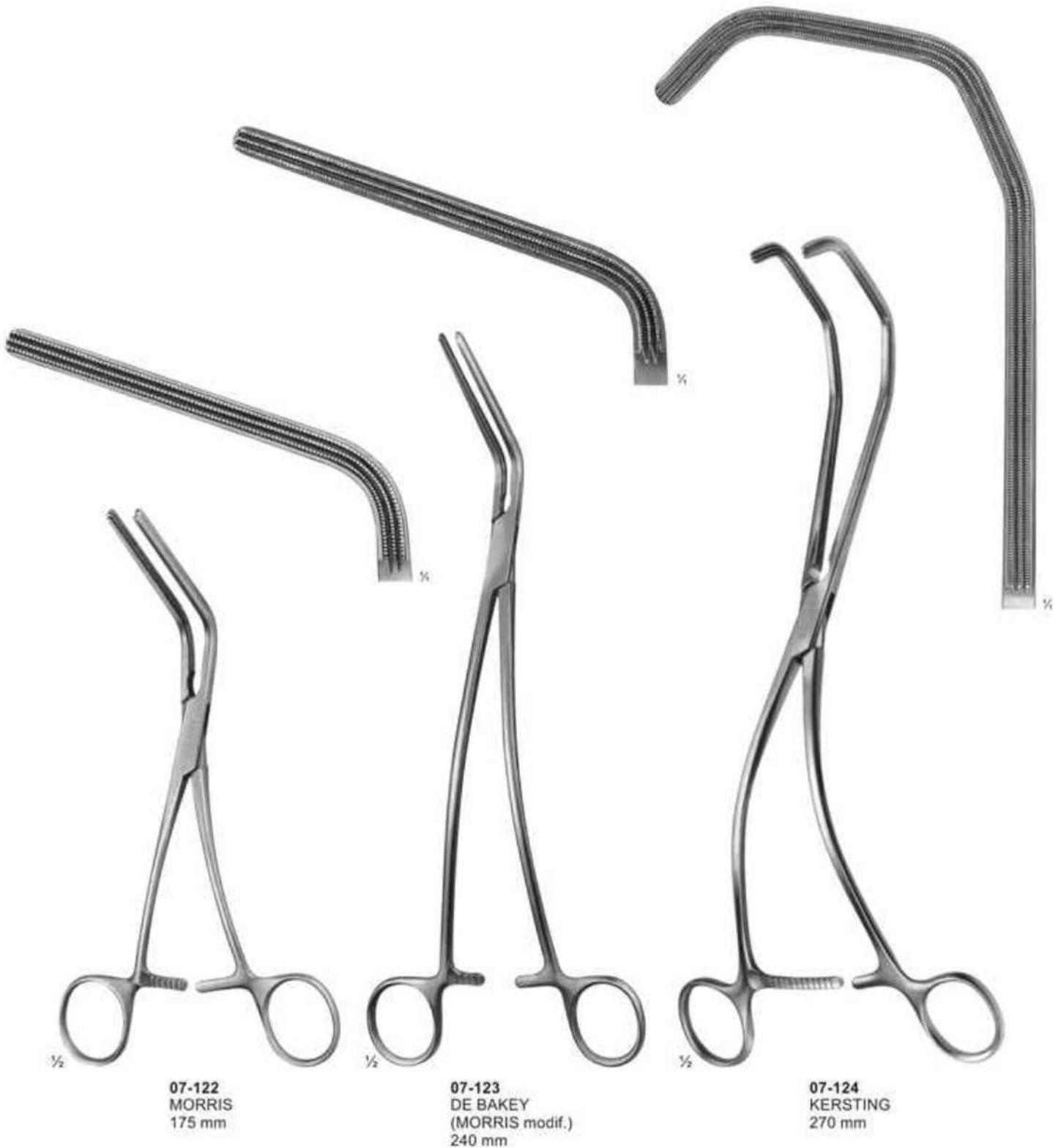
07-118  
 PAYR  
 Intestinal clamp  
 light pattern,  
 for children  
 180 mm

07-119  
 PAYR  
 200 mm

07-120  
 PAYR  
 275 mm

07-121  
 PAYR  
 Pylorus clamp  
 315 mm

**ATRAUMATA**  
**Sigmoid Anastomosis Forceps**



1/2

**07-122**  
**MORRIS**  
175 mm

1/2

**07-123**  
**DE BAKEY**  
(MORRIS modif.)  
240 mm

1/2

**07-124**  
**KERSTING**  
270 mm

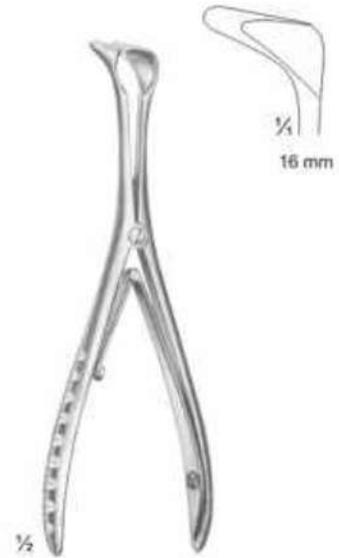
# Nasal Specula



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



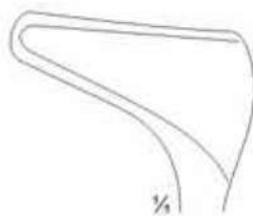
**08-102**  
 SIMS  
 160 mm



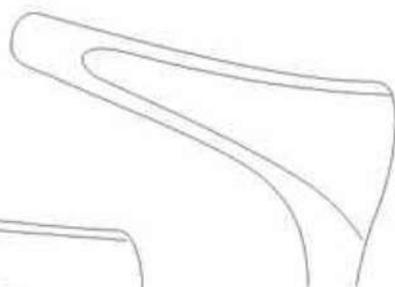
**08-103**  
 Tieck-Halle  
 13 cm / 5 1/8"



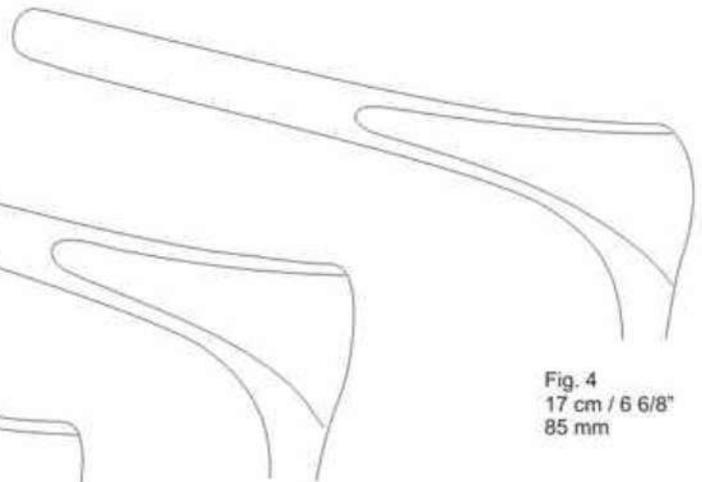
**08-104**  
 Killian



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



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



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

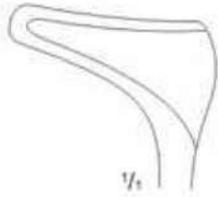
**Fig. 4**  
 17 cm / 6 6/8"  
 85 mm

# Nasal Specula



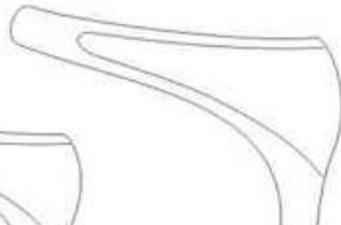
1/2

**08-105**  
Cottle

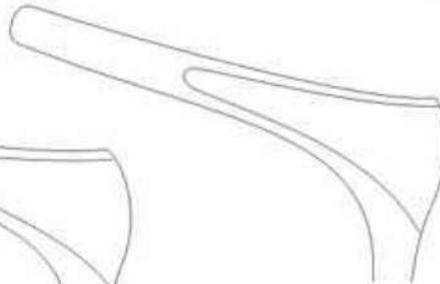


1/2

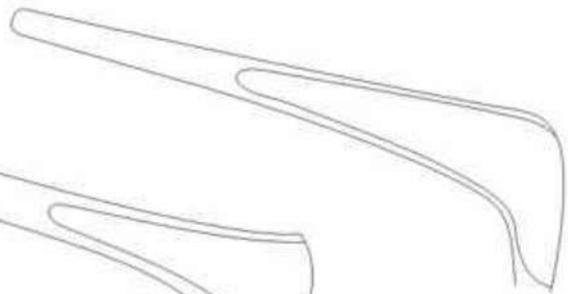
**Fig. 1**  
13,5 cm / 5 3/8"  
35 mm



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



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

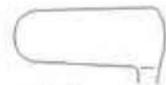


**Fig. 4**  
16 cm / 6 2/8"  
85 mm

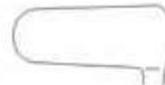


1/2

**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

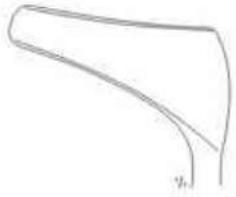


**Fig. 3**  
21,0 x 11,5 mm



1/2

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

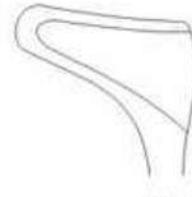


1/2

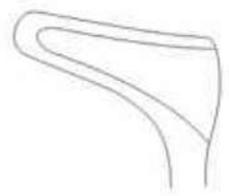
30 mm



**Fig. 1**  
27 mm



**Fig. 2**  
31 mm



**Fig. 3**  
35 mm

# Anuscopes-Sphincteroscopes



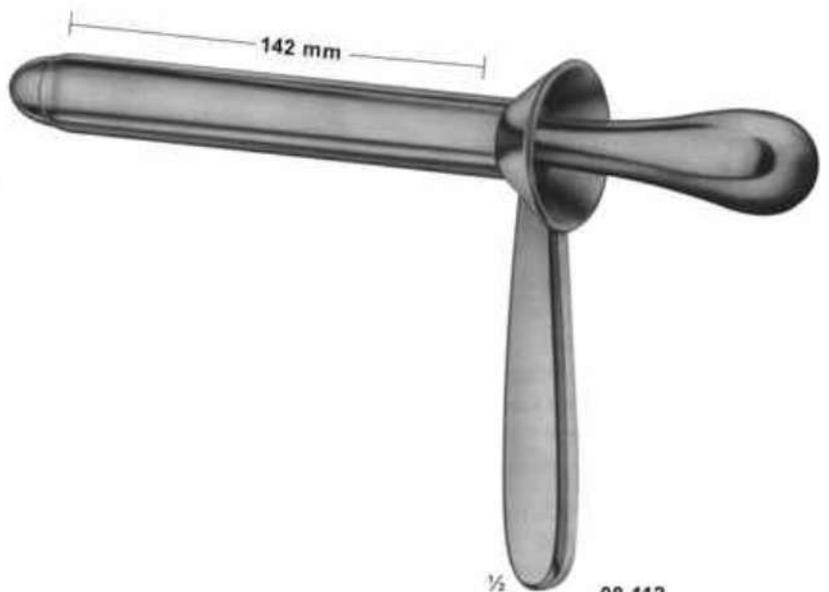
**08-109**  
 IVES-FANSLER  
 Anuscops  
 145 mm  
 Ø24mm



**08-110**  
 KELLY  
 Sphincteroscope  
 160 mm  
 Ø21mm



**08-111**  
 KELLY  
 Sphincteroscope  
 160 mm  
 Ø27mm

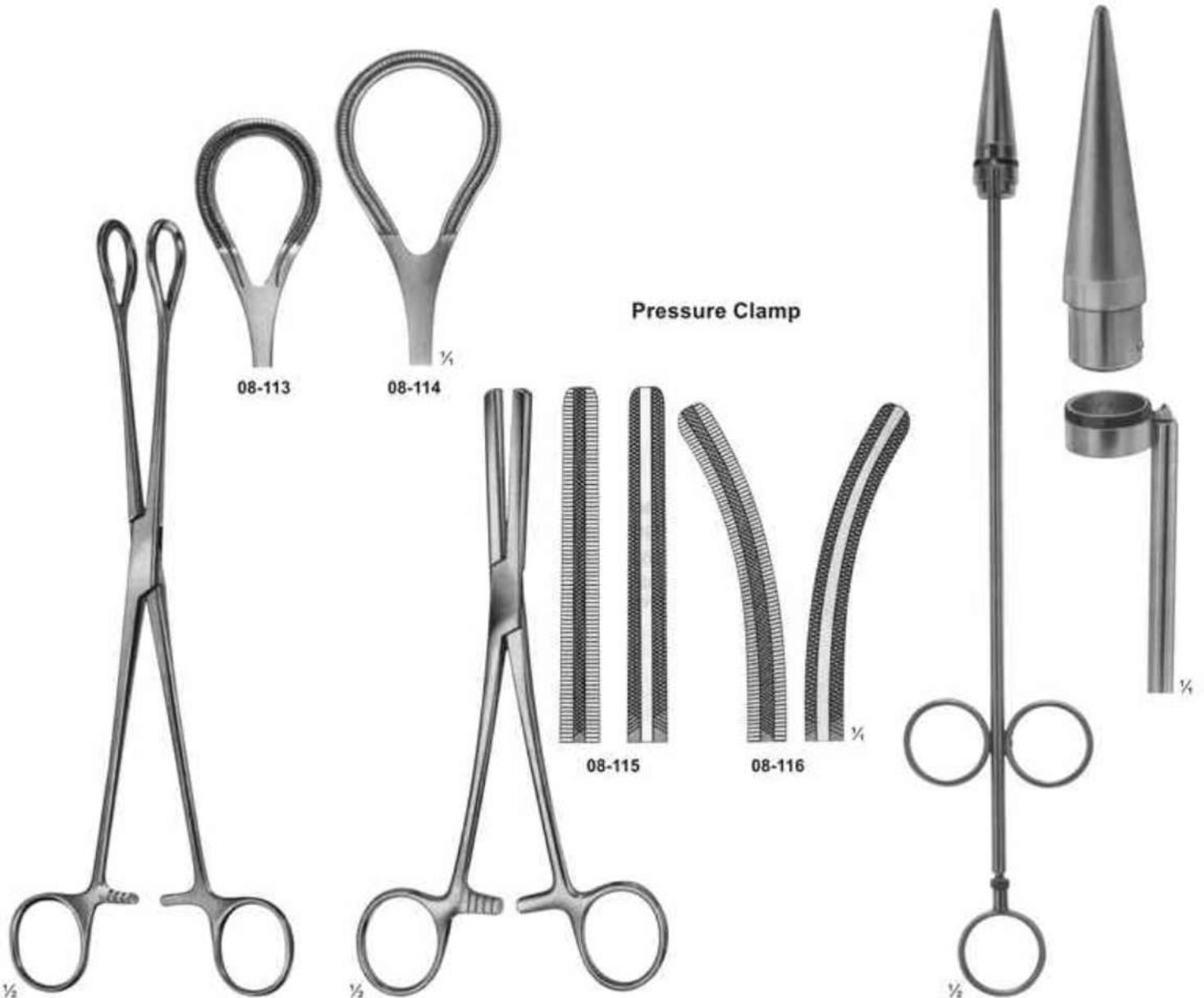


**08-112**  
 KELLY  
 Proctoscope  
 140 mm  
 Ø22mm

# Haemorrhoidal Forceps

## ATRAUMATA

### Pressure Clamp



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

**08-115 - 08-116**  
 FERGUSSON  
 200 mm

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

## Gall Duct Forceps



**08-118**  
 LOWER  
 180 mm



**08-119**  
 LAHEY ( SWEET )  
 190 mm



**08-120**  
 LAHEY  
 220 mm



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

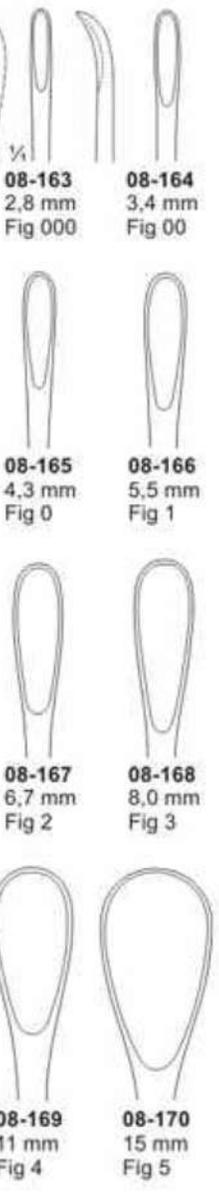
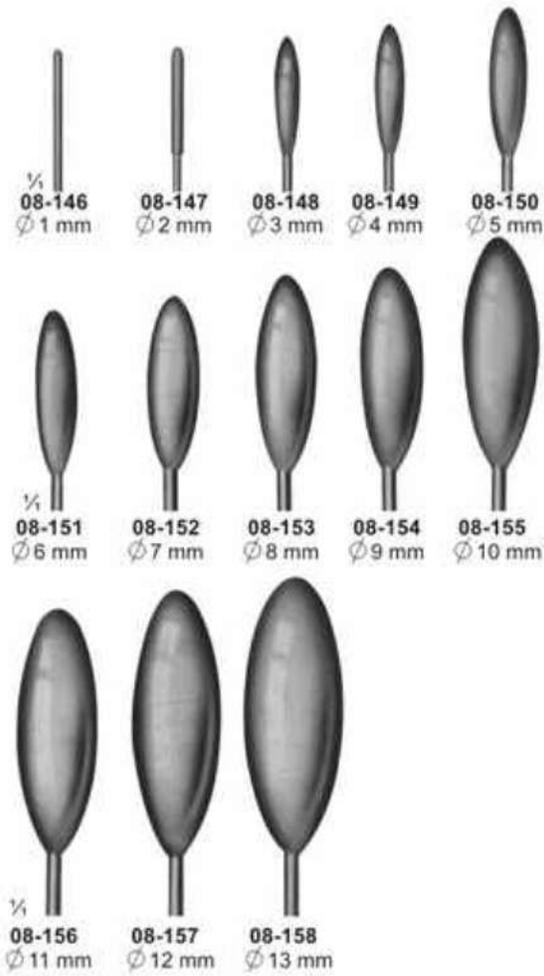


**08-122**  
 NISSEN  
 Gall duct-and cystic forceps  
 215 mm

# Gall Duct Dilators and Gall Stone Scoops



- 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



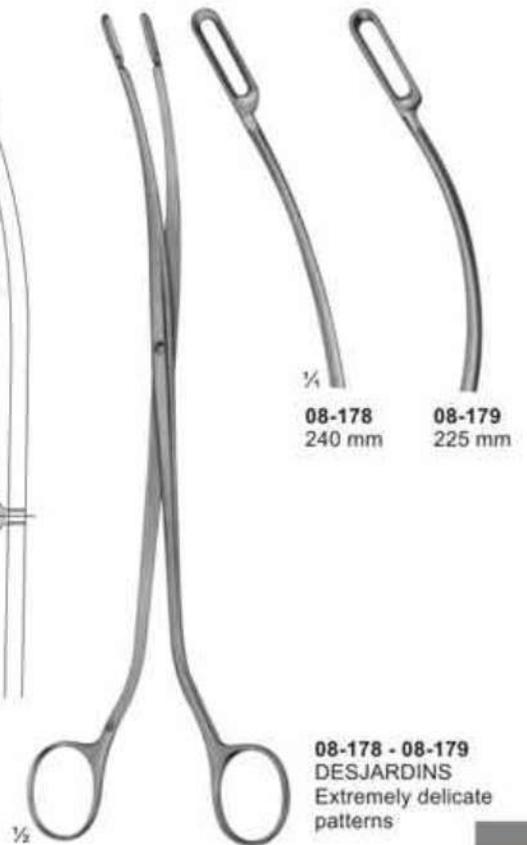
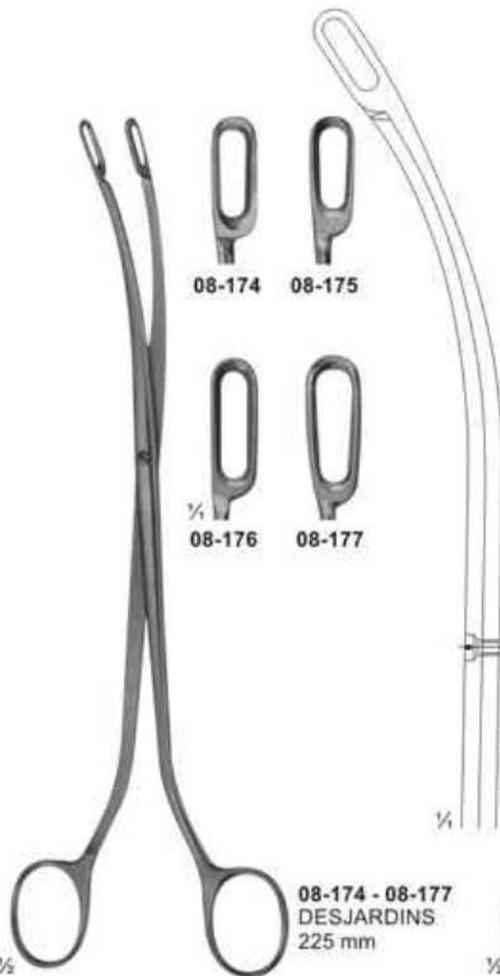
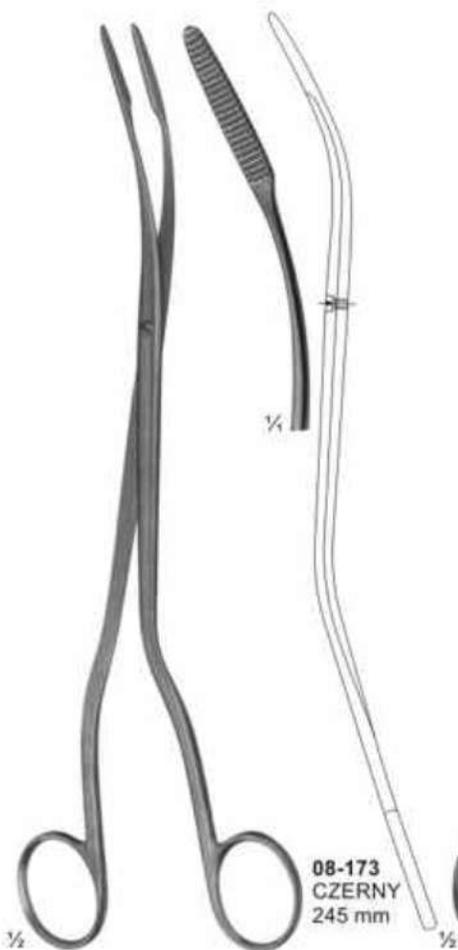
**08-123 - 08-145**  
DITTEL  
Metall bougies and dilating sounds, stiff 345 mm

**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 schaft 300 mm

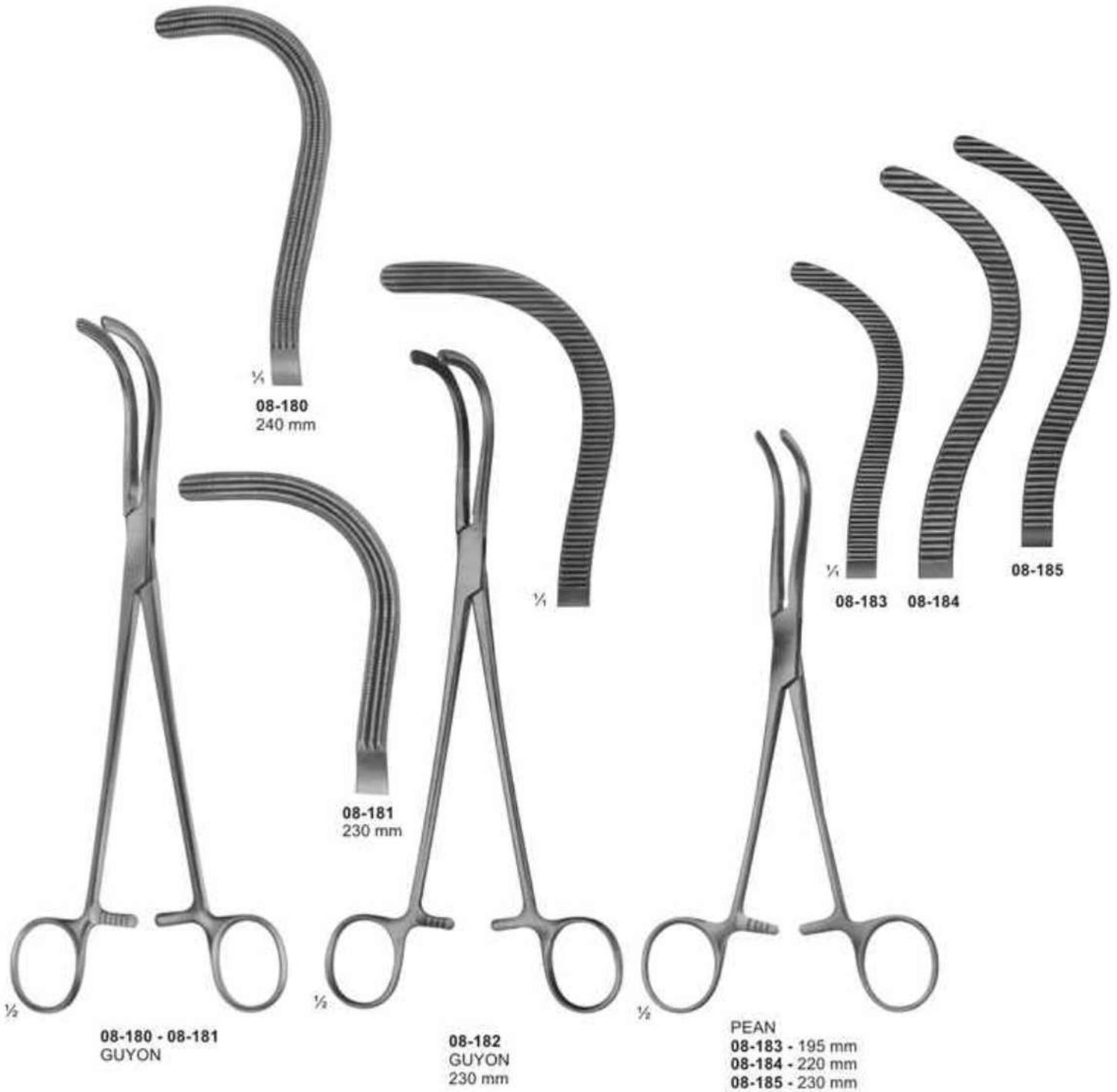
**08-163 - 08-170**  
LUER-KOERTE modif  
with malleable shaft 310 mm

# Gall Stone Forceps



# Kidney Clamps

## ATRAUMATA





## Kidney Stone Forceps



08-186



08-187



08-188



1/4  
08-189



08-190



08-191



1/4  
08-192



1/2

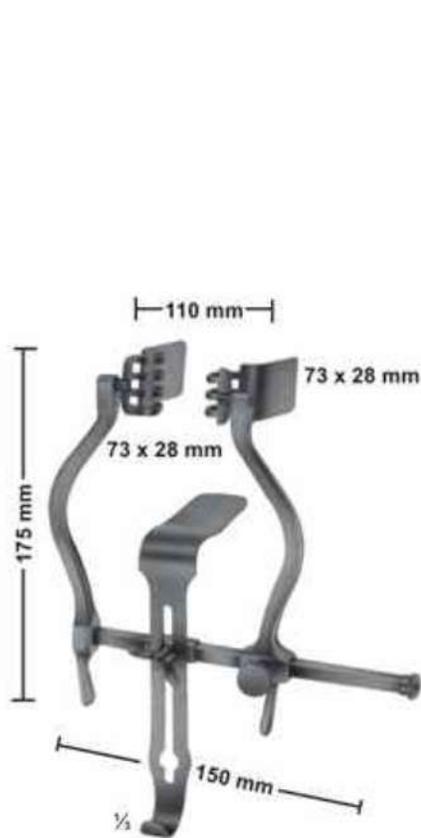
08-186 - 08-189  
RANDALL  
225 mm



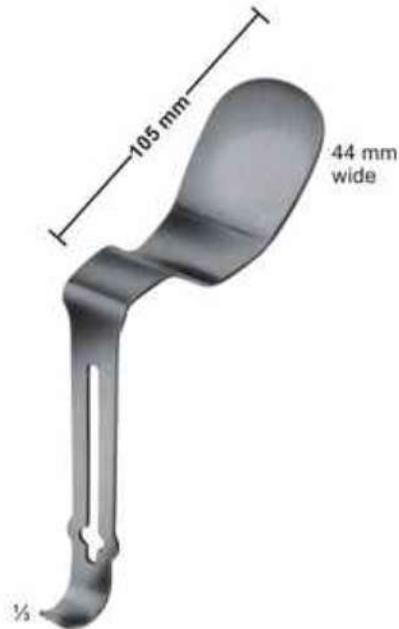
1/2

08-190 - 08-192  
RANDALL  
190 mm

# Bladder Retractors



**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



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



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



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

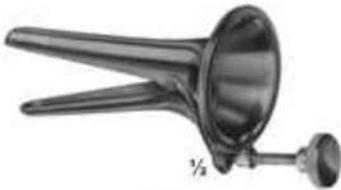


**09-123**  
PIERCE  
Antrum trocar  
Ø 4,0 mm

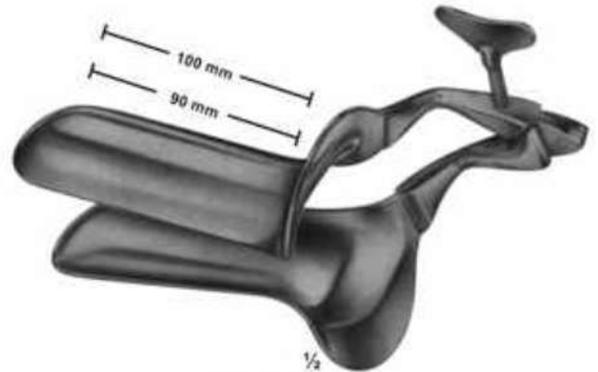


**09-124**  
COAKLEY  
Antrum trocar  
3,0 mm

# Vaginal Specula



**10-101**  
 COLLIN  
 for children  
 53 x 10 mm



**10-102 - 105**  
 COLLIN

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

Total length/working length width



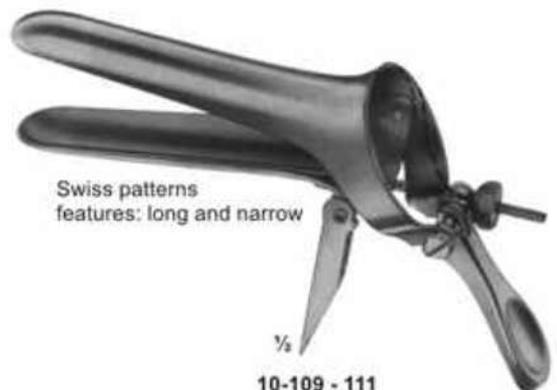
**10-106**  
 COLLIN  
 for virgins  
 95/85 x 18 mm



**10-107**  
 CUSCO  
 for virgins  
 75 x 17 mm



**10-108**  
 CUSCO  
 for virgins  
 75 x 17 mm



Swiss patterns  
 features: long and narrow

**10-109 - 111**  
 CUSCO

<b>10-109</b>	92X23-25 mm
<b>10-110</b>	100x25-27 mm
<b>10-111</b>	110x27-30 mm

## Vaginal Specula- Sets, upper and lower blades



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

½



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

½



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

½



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

½



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

½



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

½



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

½

## Vaginal Specula- upper and lower blades



**10-132** 75X10 mm  
175 mm

**10-136** 70X15 mm  
175 mm

**10-133** 75X23 mm  
180 mm

**10-137** 70X27 mm  
180 mm

**10-134** 80X25 mm  
180 mm

**10-138** 75X30 mm  
180 mm

**10-135** 100X32 mm  
185 mm

**10-139** 90X36 mm  
185 mm

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

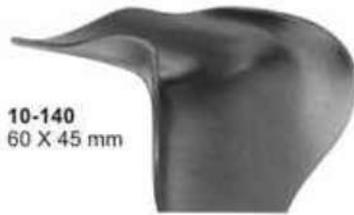
**10-132 - 10-135**  
**KRISTELLER**  
 Upper blades

**10-136 - 10-139**  
**KRISTELLER**  
 Lower blades

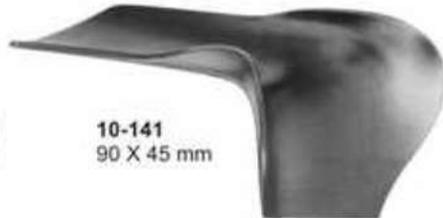


# Vaginal Specula

10-140  
60 X 45 mm



10-141  
90 X 45 mm



10-142  
112 X 45 mm



1/4

10-140 - 143  
DOYEN  
235 mm



1/4

1/4

	width of blades			
	35 mm	45 mm	60 mm	
length of blades	60 mm	45 mm	60 mm	10-143 - 10-153 DOYEN 240 mm
	90 mm	10-143	10-146	
	120 mm	10-144	10-147	
	160 mm	10-145	10-148	
		10-149	10-151	
			10-152	
			10-153	

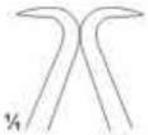
## Vaginal Retractors



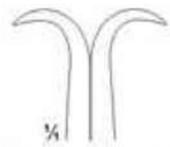
½  
**10-154**  
**JOLL (FRIEDMAN)**  
 155 mm



½  
**10-155**  
**RICHTER**  
 170 mm



½  
**10-156**  
**GELPI**  
 135 mm



½  
**10-157**  
**GELPI**  
 175 mm

## Uterine Dilators



¼

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

11-101	1	mm	11-123	23	mm
11-102	2	mm	11-124	24	mm
11-103	3	mm	11-125	25	mm
11-104	4	mm	11-126	26	mm
11-105	5	mm	11-127	1	½mm
11-106	6	mm	11-128	2	½mm
11-107	7	mm	11-129	3	½mm
11-108	8	mm	11-130	4	½mm
11-109	9	mm	11-131	5	½mm
11-110	10	mm	11-132	6	½mm
11-111	11	mm	11-133	7	½mm
11-112	12	mm	11-134	8	½mm
11-113	13	mm	11-135	9	½mm
11-114	14	mm	11-136	10	½mm
11-115	15	mm	11-137	11	½mm
11-116	16	mm	11-138	12	½mm
11-117	17	mm	11-139	13	½mm
11-118	18	mm	11-140	14	½mm
11-119	19	mm	11-141	15	½mm
11-120	20	mm	11-142	16	½mm
11-121	21	mm	11-143	17	½mm
11-122	22	mm			



¼

**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



¼

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

# Uterine Probes



**11-154**  
**MAYO**  
 malleable  
 330 mm



**11-155**  
**SIMS**  
 malleable  
 330 mm



**11-156**  
**MARTIN**  
 330 mm



**11-157**  
**SIMPSON**  
 malleable  
 silver-plated  
 290 mm



**11-158**  
**BRAUN**  
 Uterine  
 depressor  
 270 mm



**11-159**  
 Cotton  
 applicator  
 270 mm

# Uterine Dressing Forceps



11-160  
 PELKMANN  
 260 mm

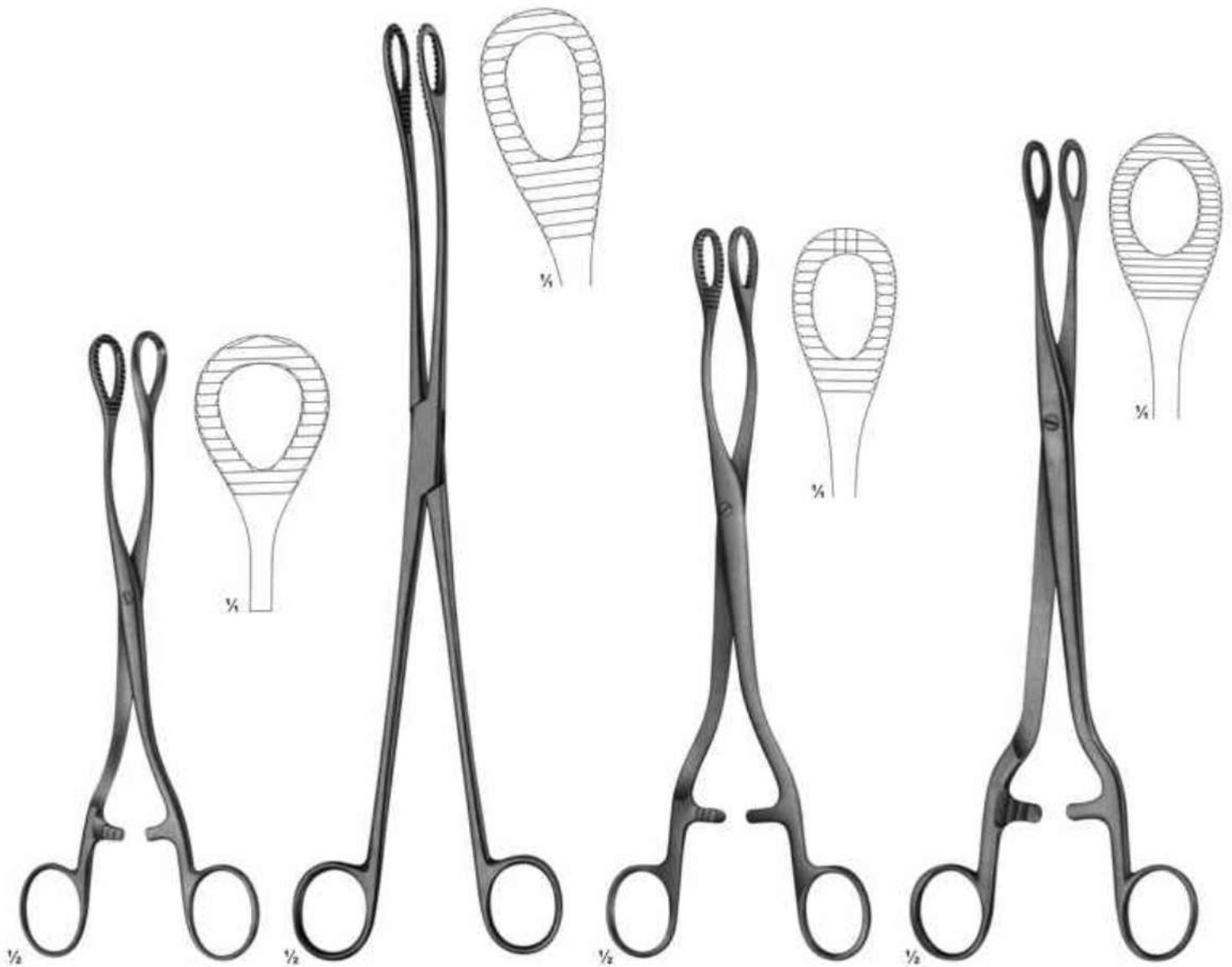
11-161  
 PELKMANN  
 260 mm

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

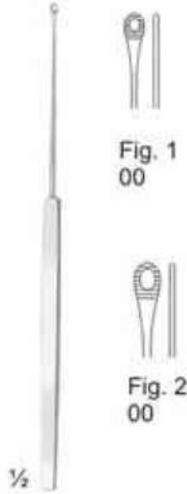
**11-166**  
 HEYWOOD-SMITH  
 250 mm

**11-167**  
 NOTO  
 280 mm

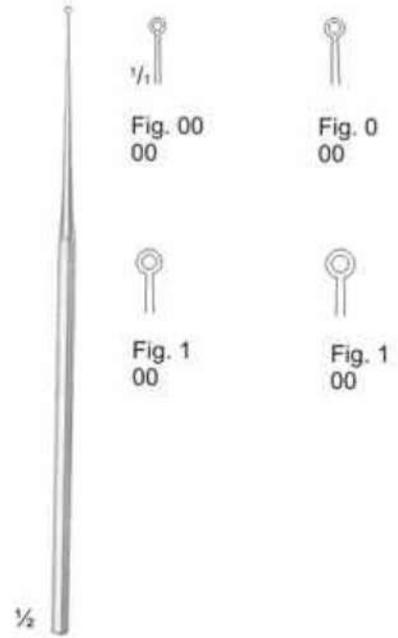
# Ear Currettes



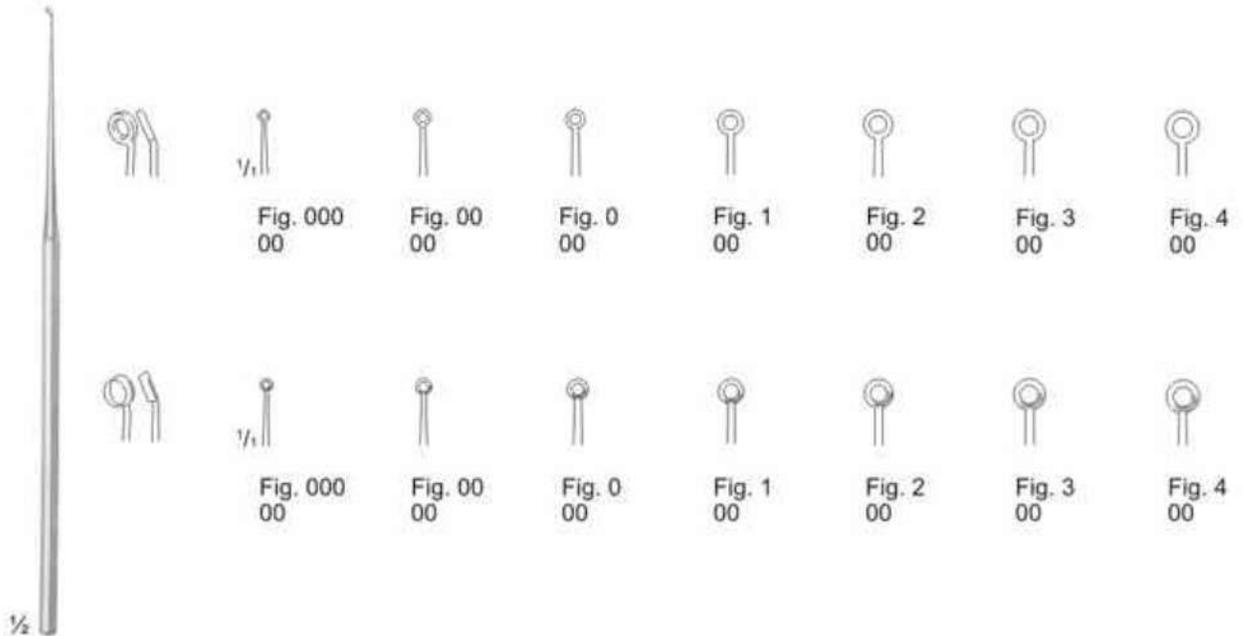
**12-101**  
 Langenbeck  
 13 cm / 5 1/8"



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

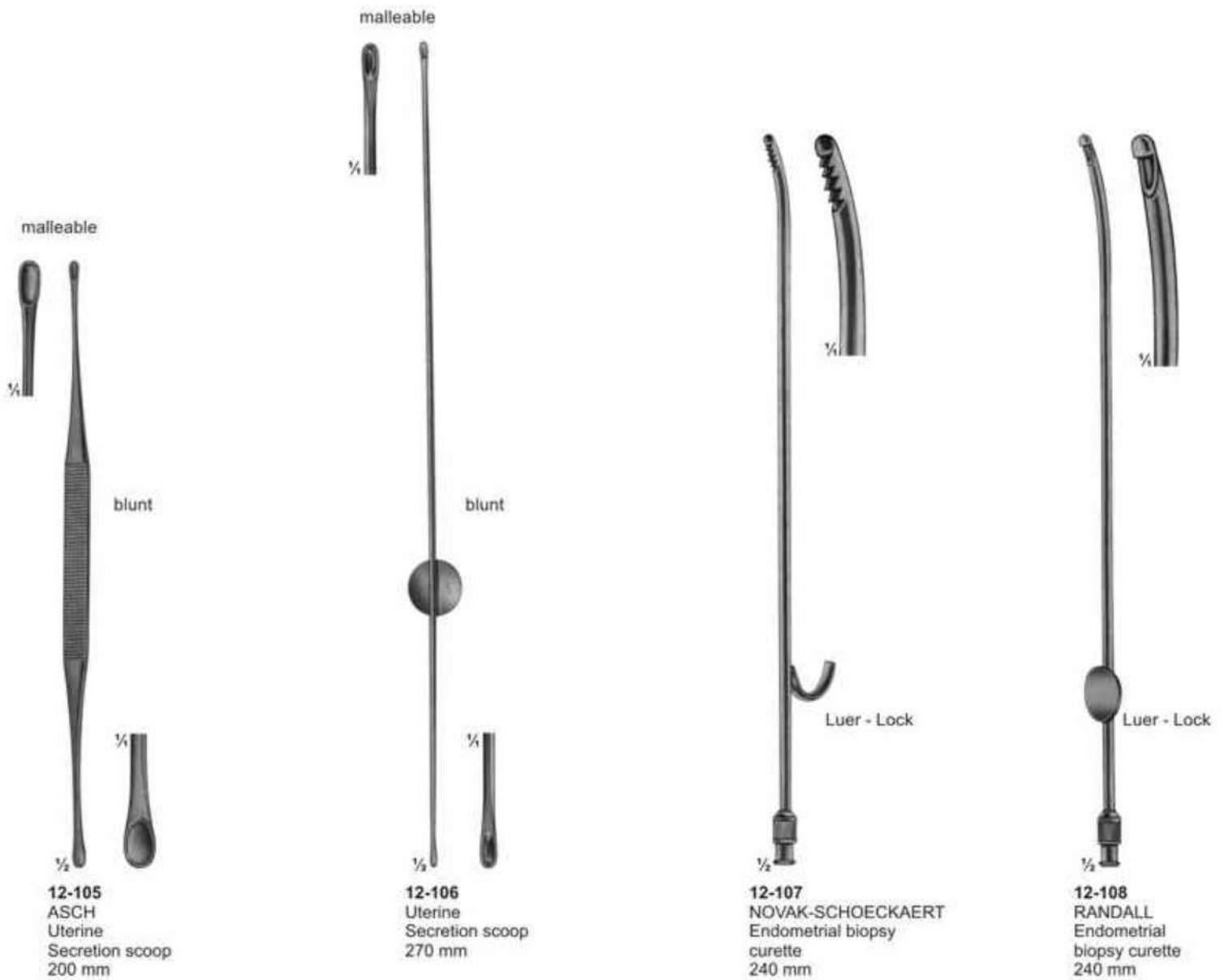


**12-103**  
 Buck  
 17cm / 6 6/8"



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

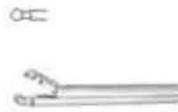
# Biopsy Curettes



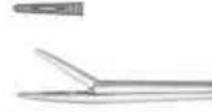
# Ear Polypus Forceps



**12-109**  
Hartmann-Wullstein  
shaft length  
85 mm



**12-110**  
Hartmann-Wullstein  
shaft length  
85 mm



**12-111**  
Hartmann  
shaft length  
85 mm



**12-112**  
Hartmann  
shaft length  
85 mm

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



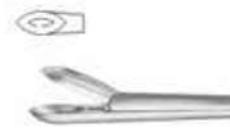
**12-109 - 12-119**



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



**12-115**  
Hartmann  
3 mm  
shaft length  
85mm



**12-116**  
shaft length  
85mm

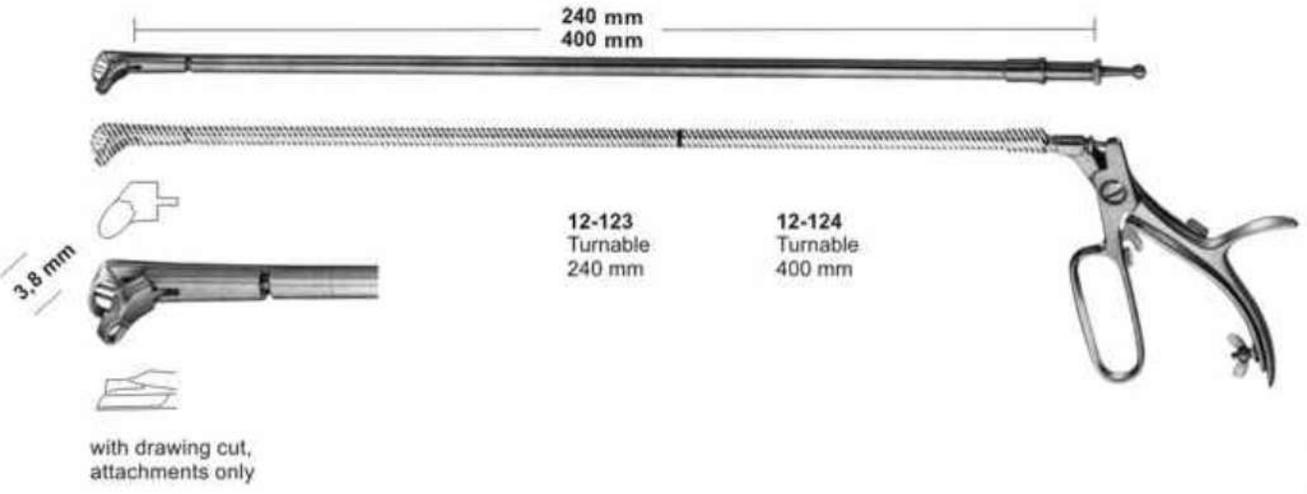
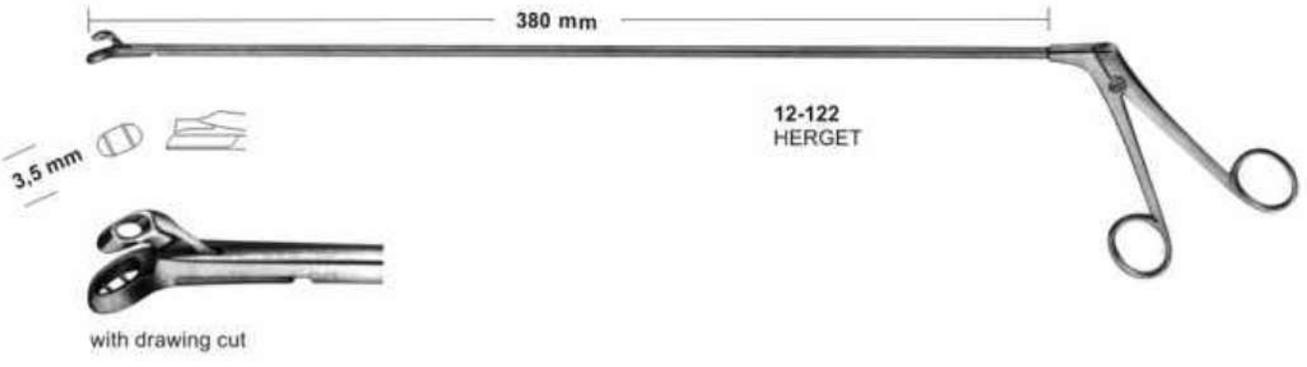
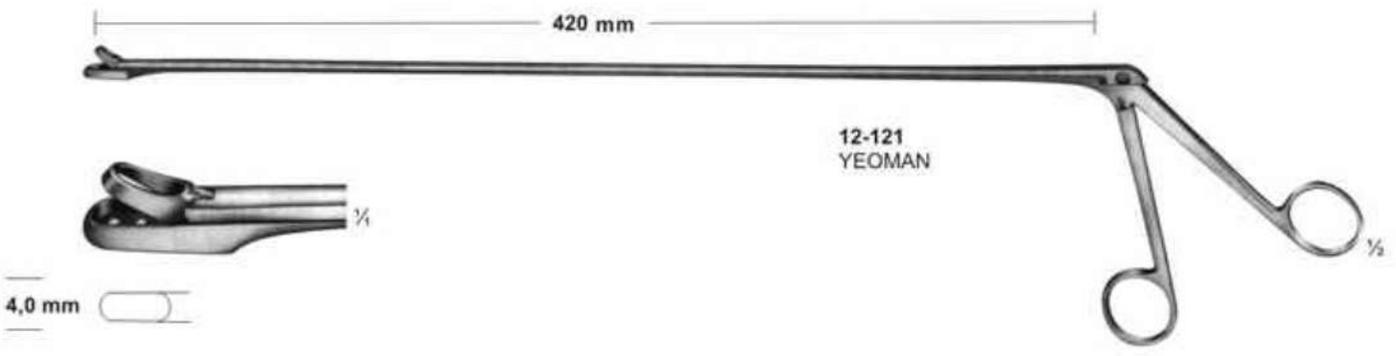
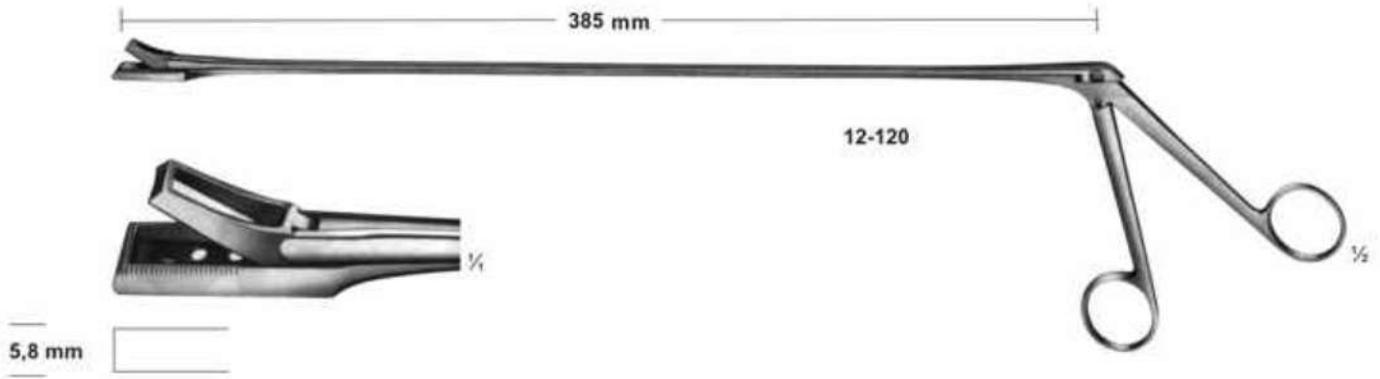


**12-117**  
Hartmann-Hoffmar  
2,0 mm  
85mm

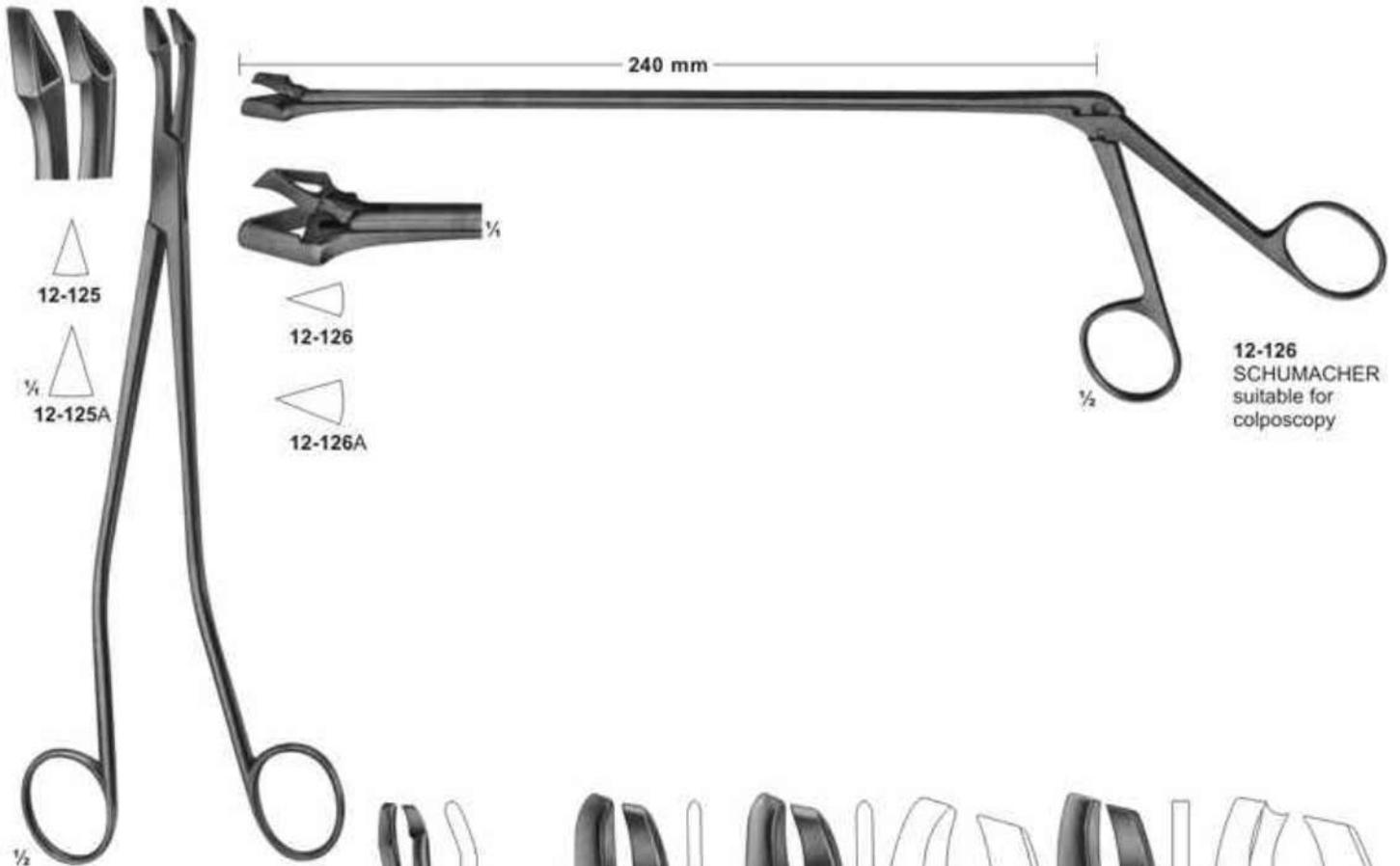
**12-118**  
2,5 mm  
85 mm

**12-119**  
3,0 mm  
85 mm

# Biopsy forceps for rectum

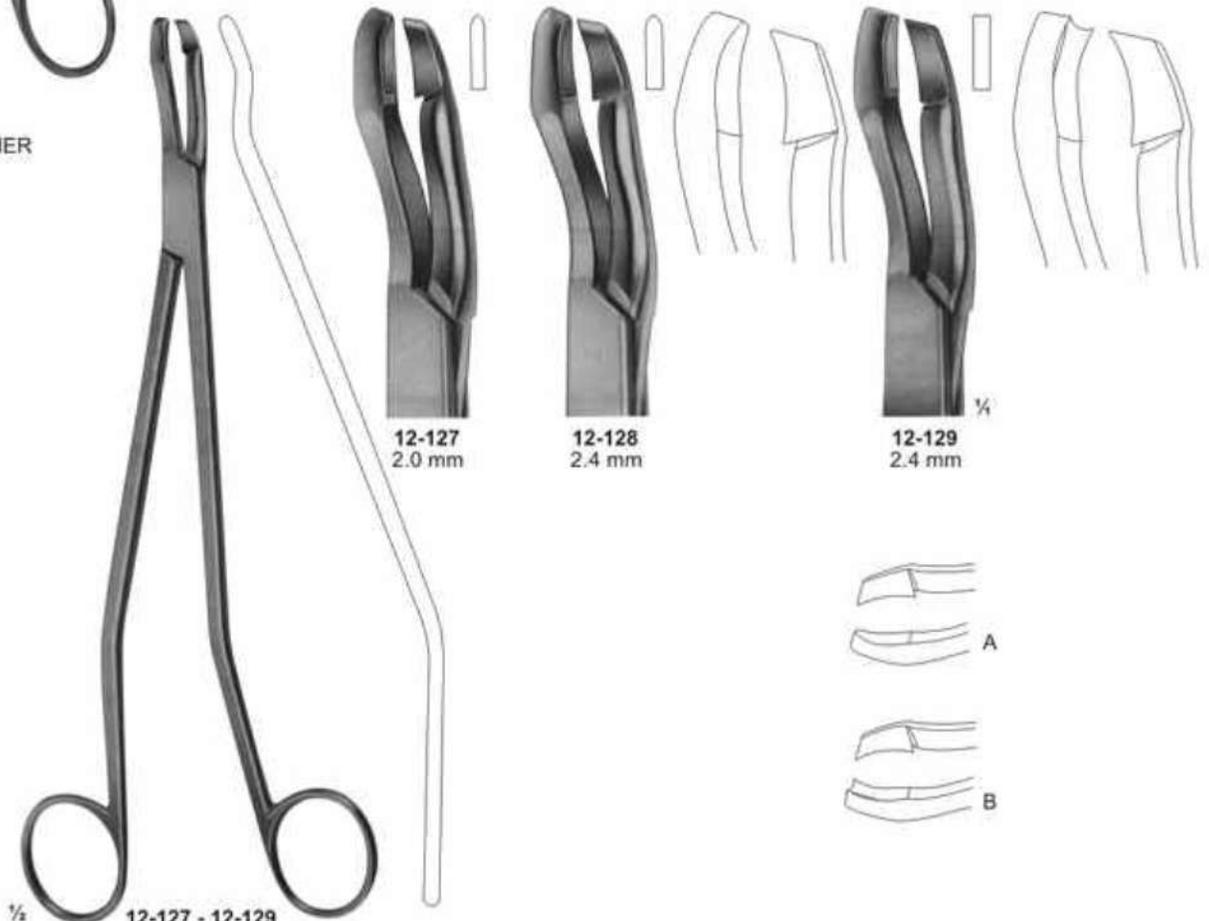


# Biopsy Forceps



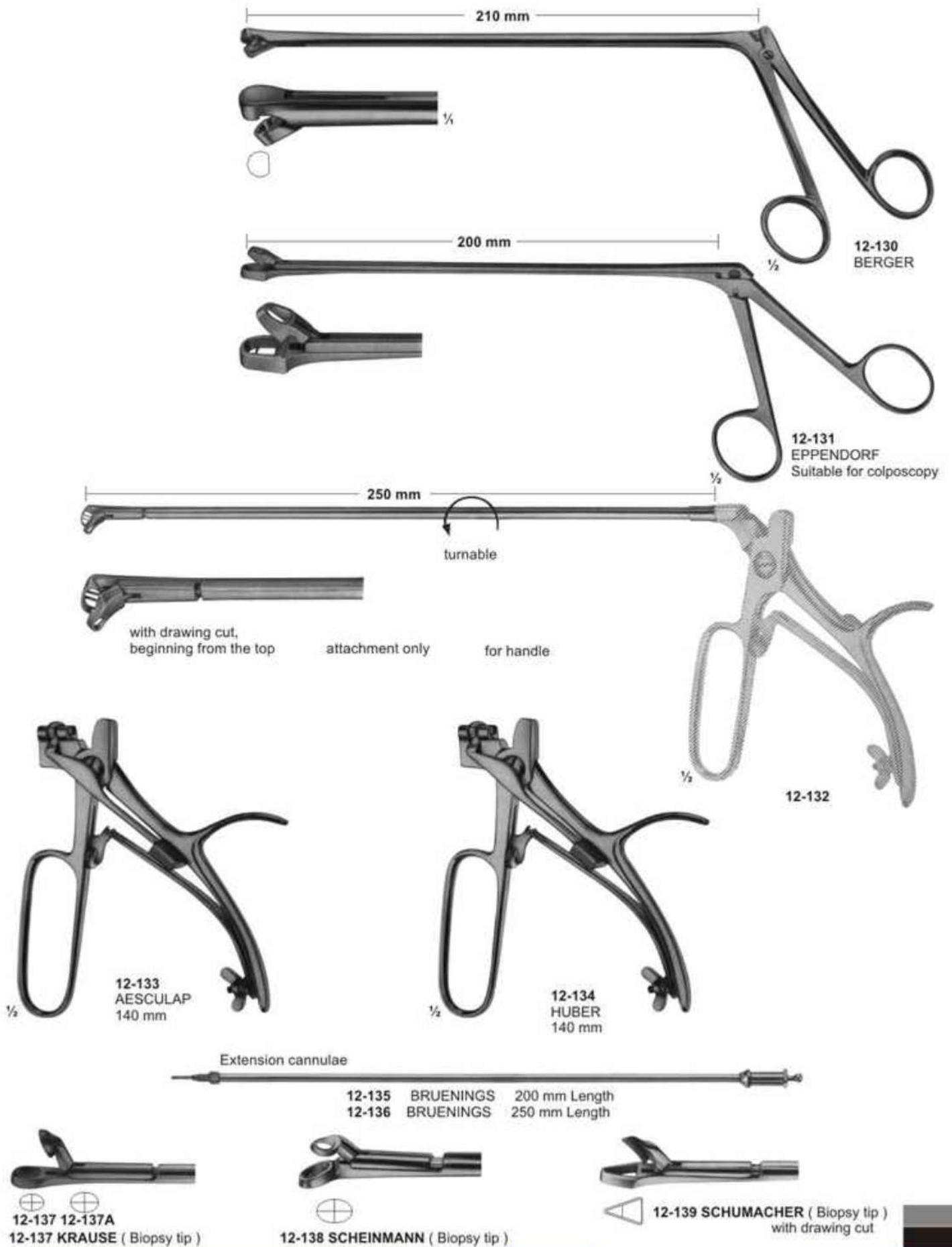
**12-126**  
 SCHUMACHER  
 suitable for  
 colposcopy

**12-125**  
 SCHUMACHER  
 240mm



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

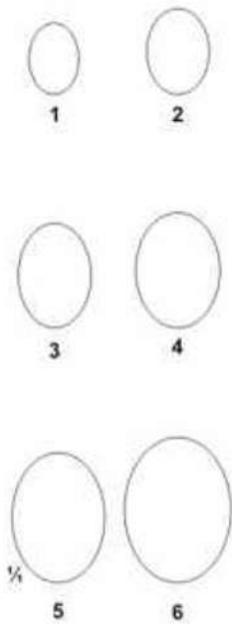
# Biopsy Forceps



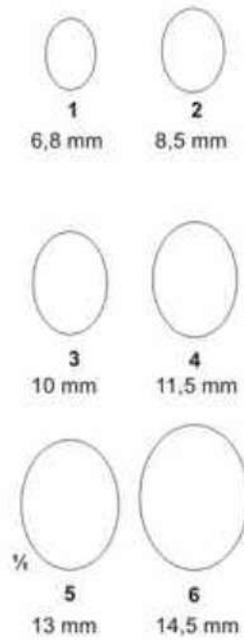
# Uterine Scoops



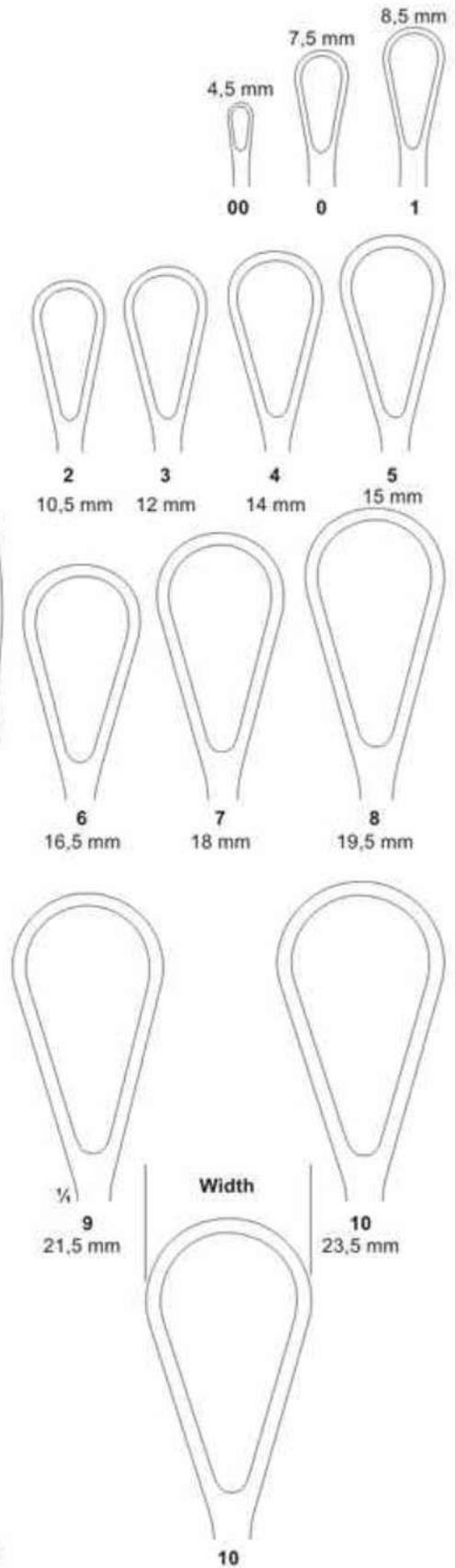
12-140  
 SIMON  
 240 mm



12-141  
 SCHROEDER  
 310 mm



12-142  
 RECAMIER  
 300 mm



## Obstetrical Forceps



**13-101**  
NAEGELE  
355 mm

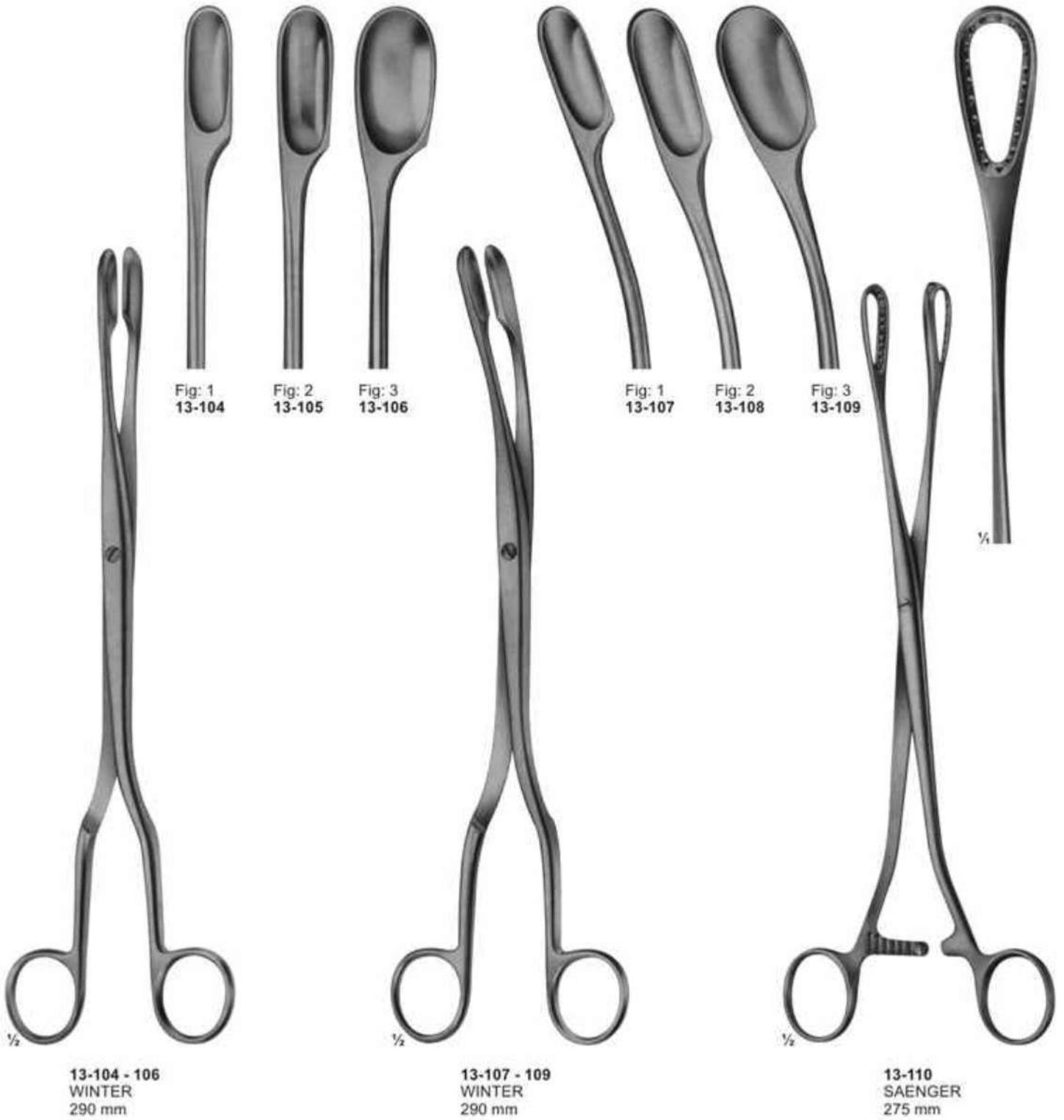


**13-102**  
NAEGELE  
400 mm



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

# Obstetrics- Placenta and Ovum Forceps



**13-104 - 106**  
 WINTER  
 290 mm

**13-107 - 109**  
 WINTER  
 290 mm

**13-110**  
 SAENGER  
 275 mm

## Tound-and Tracheal Hooks and Dilators



**13-111**  
 BOSE  
 165 mm



**13-112**  
 BOSE  
 165 mm



**13-113 - 115**  
 180 mm



**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

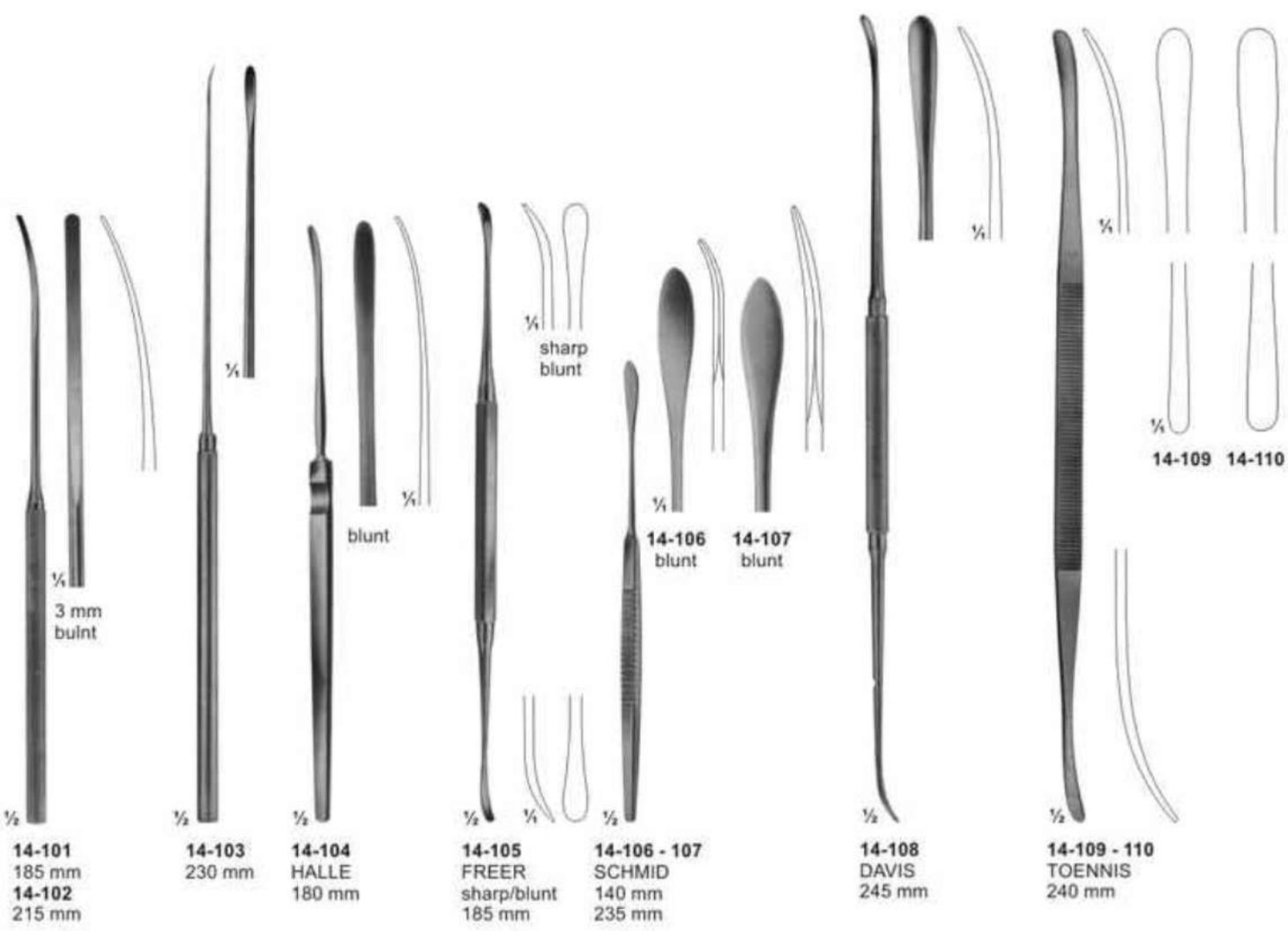


**13-120**  
 LABORDE  
 strong pattern  
 135 mm



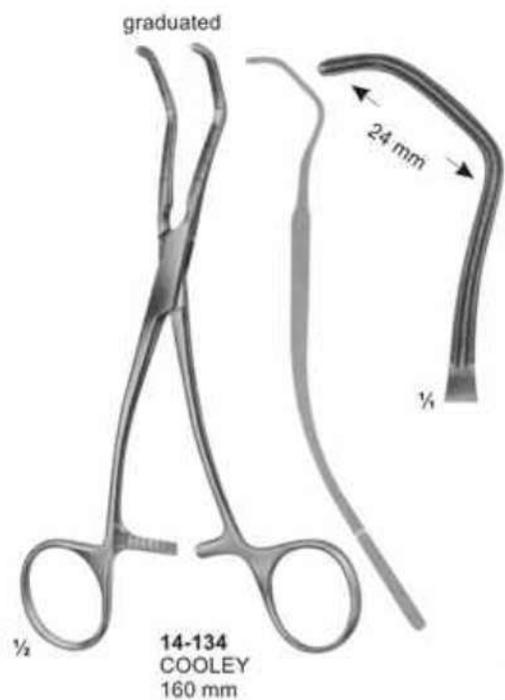
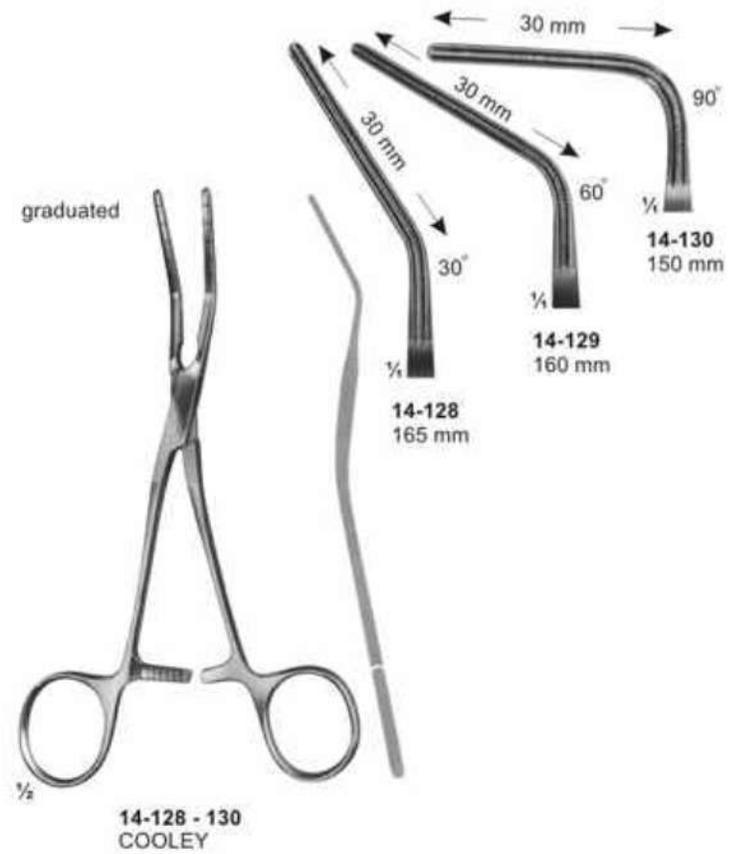
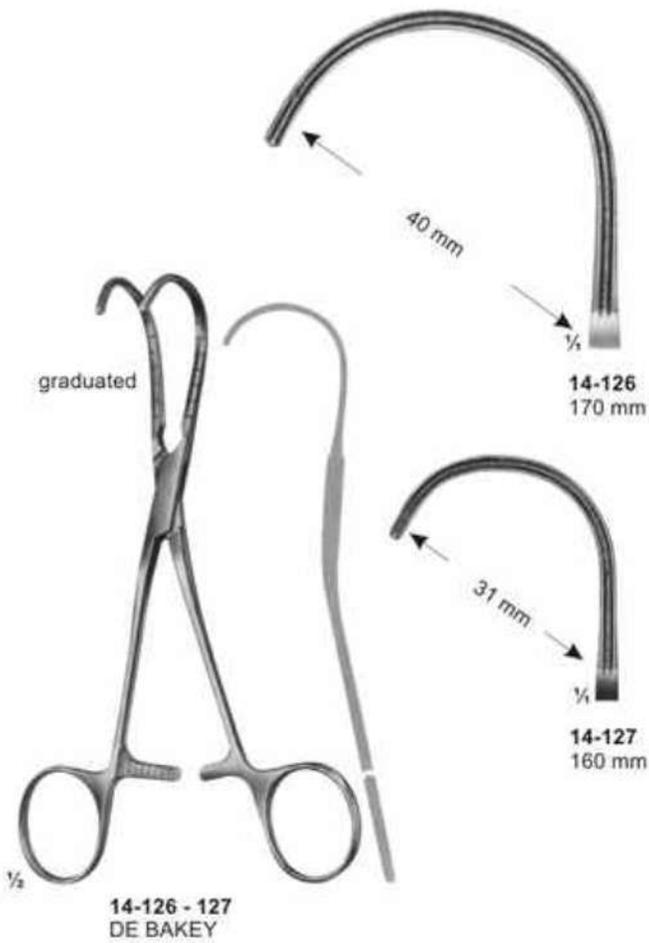
**13-121**  
 Cleaning Brush  
 for tracheal tubes  
 285 mm

# Vascular Spatulas



**ATRAUMATA**

**Anastomosis- and Multi- Purpose- Clamps- Pediatric types**



**ATRAUMATA**

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





## Aorta- Anastomosis Clamps



**L**  
**14-144**  
**WEBER**  
260 mm

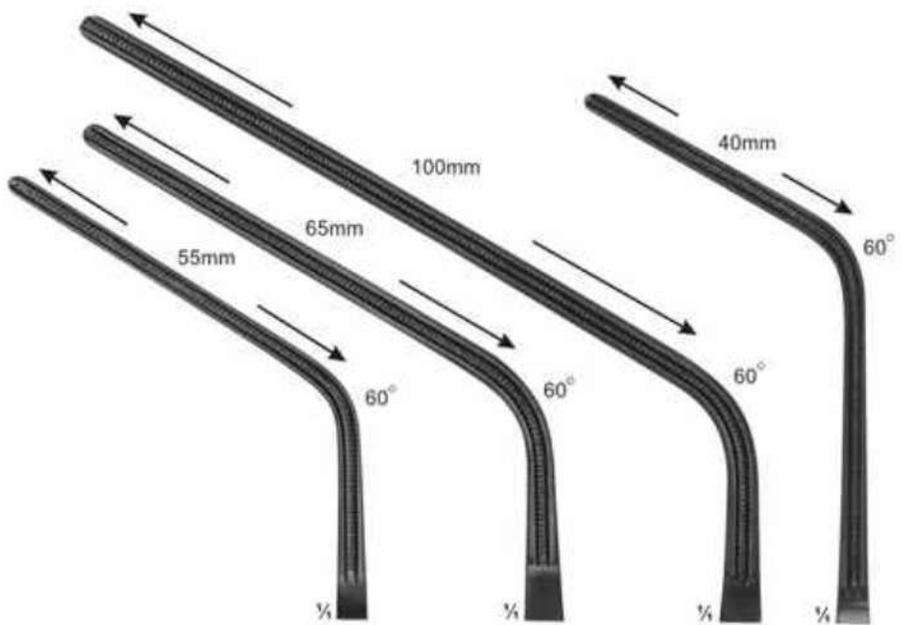


**R**  
**14-145**  
**WEBER**  
260 mm

# Multi- Purpose-Clamps



14-146 - 149  
DE BAKEY

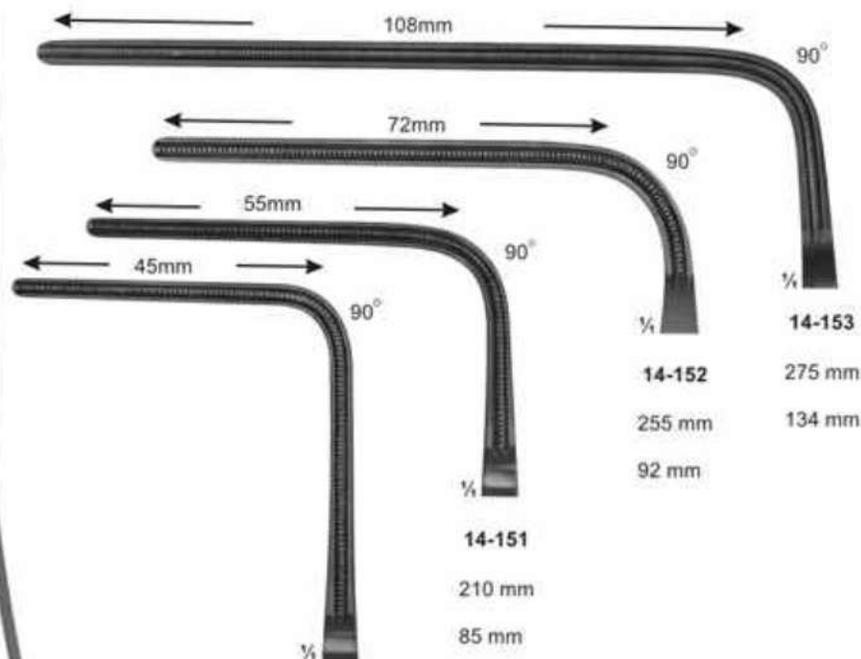


14-146      14-147      14-148      14-149

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



14-150 - 153  
DE BAKEY



14-150      14-151      14-152      14-153

Total Length:	225 mm	275 mm	255 mm	134 mm
Length of jaws:	93 mm	210 mm	92 mm	85 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

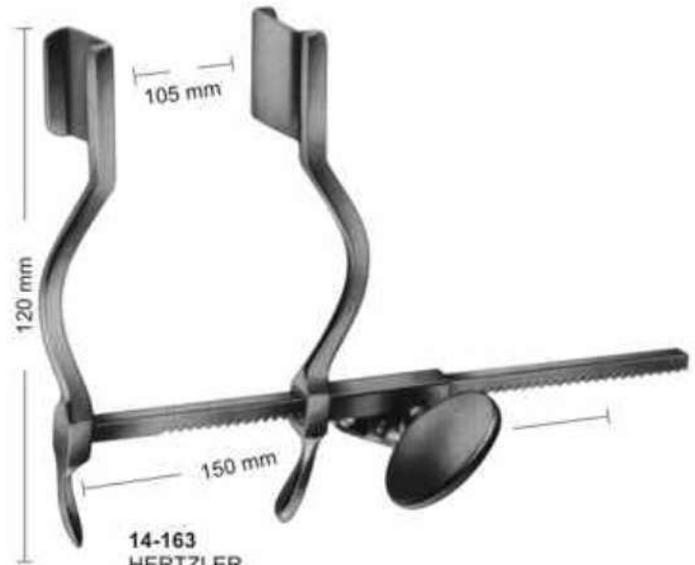


**14-161**  
**GIERTZ-STILLÉ**  
 250 mm

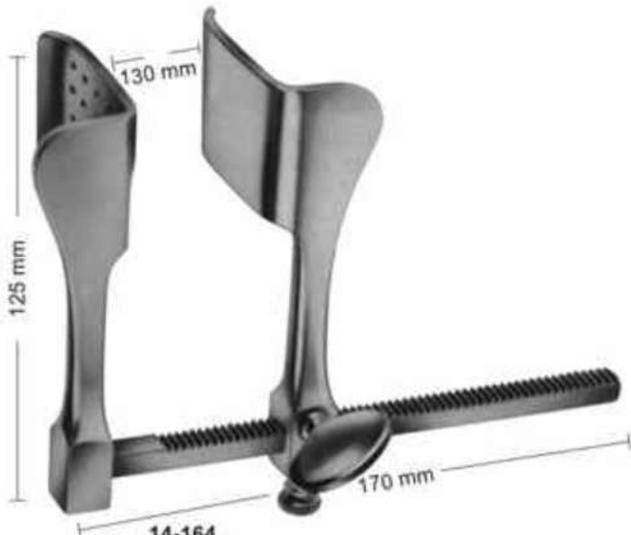
## Rib Spreaders



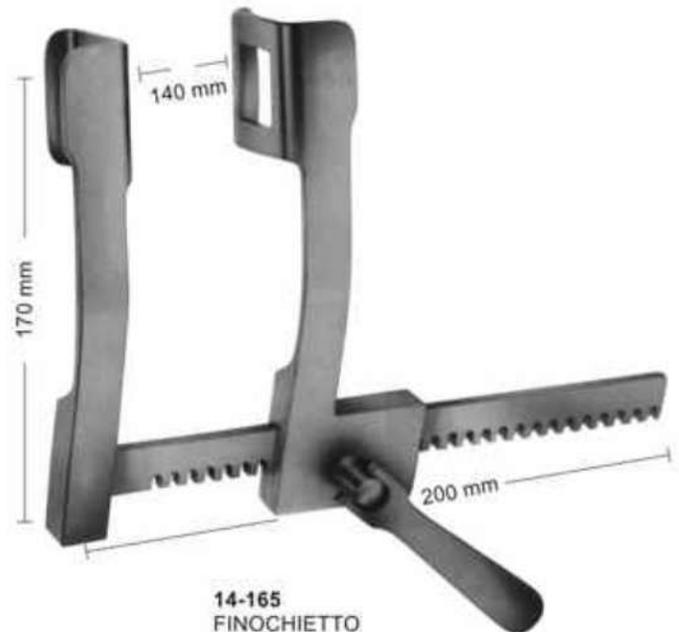
**14-162**  
**FINOCHIETTO**  
 Blades  
 18X21 mm



**14-163**  
**HERTZLER**  
 Blades  
 20X25 mm



**14-164**  
**TUFFIER**  
 Blades  
 43X53 mm



**14-165**  
**FINOCHIETTO**  
 Blades  
 36X45 mm



## Rib Spreaders-and Contractors



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



**14-167**  
**BAILEY**  
150 mm



**14-168**  
for children

**14-169**  
for adults

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

# Punches

**130°** upwards cutting

**15-101**  
 1 mm



KERRISON - JACOBY

FERRIS-SMITH-KERRISON

**15-102**  
 2 mm



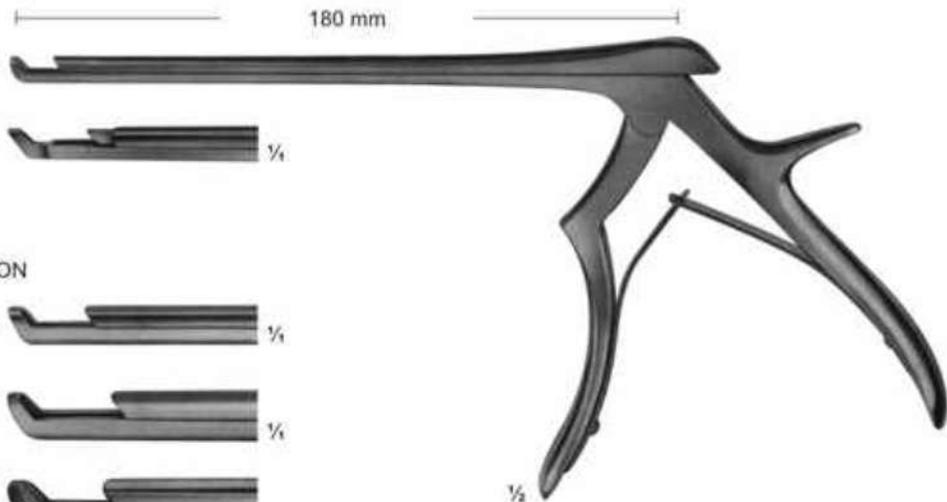
**15-103**  
 3 mm



**15-104**  
 4 mm



**15-105**  
 5 mm



15-101 - 105

**90°** upwards cutting

KERRISON - JACOBY

**15-106**  
 1 mm



**15-107**  
 2 mm



FERRIS-SMITH-KERRISON

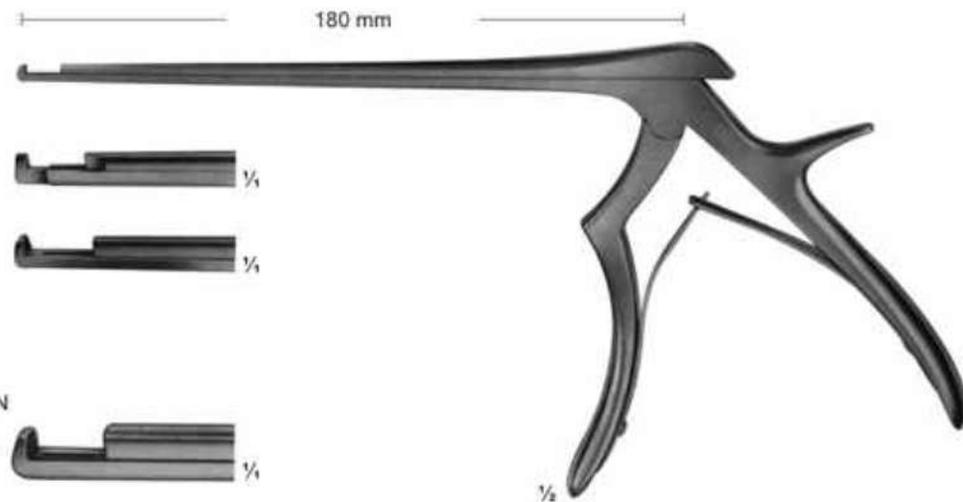
**15-108**  
 3 mm



**15-109**  
 4 mm



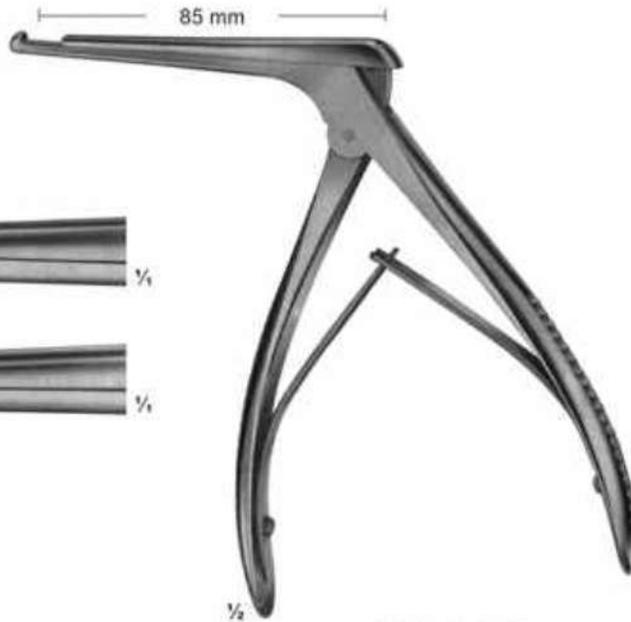
**15-110**  
 5 mm



15-106 - 110

# Punches

90° upwards cutting



15-111  
 4 mm

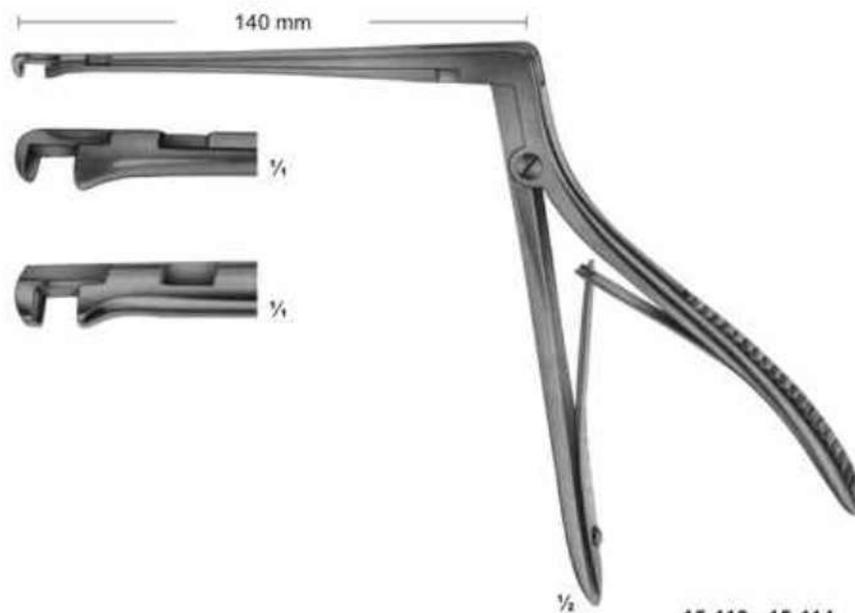


15-112  
 5 mm



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



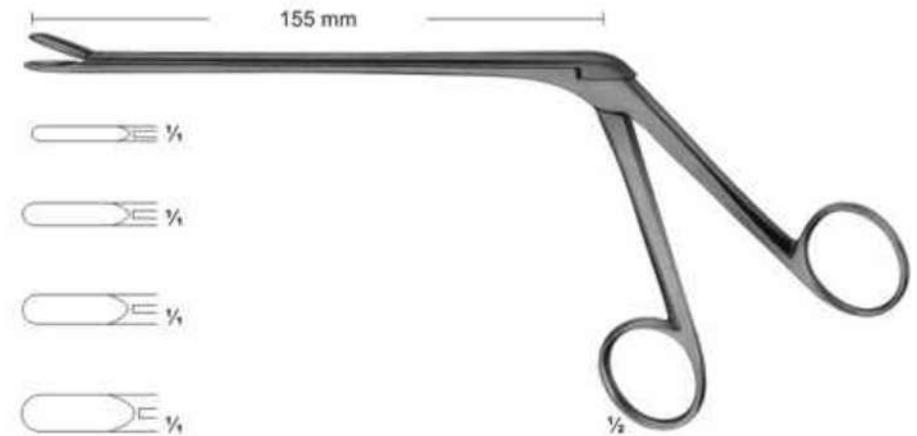
15-115 - 15-117

15-118  
2 mm

15-119  
3 mm

15-120  
4 mm

15-121  
5 mm



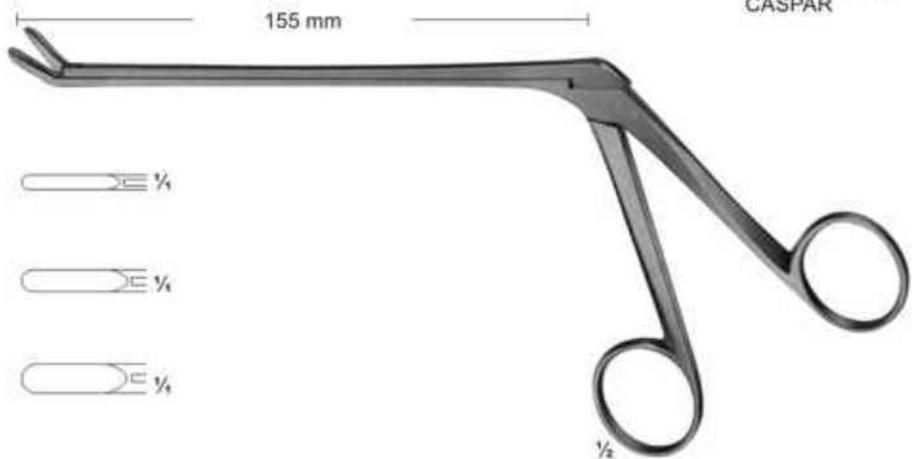
15-118 - 15-121  
CASPAR

150°

15-122  
2 mm

15-123  
3 mm

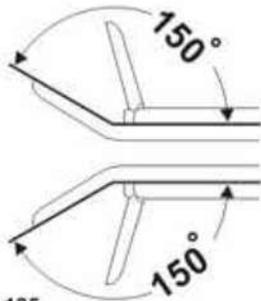
15-124  
4 mm



15-122 - 15-124  
CASPAR

# Rongeurs

Angled positions for rongeurs



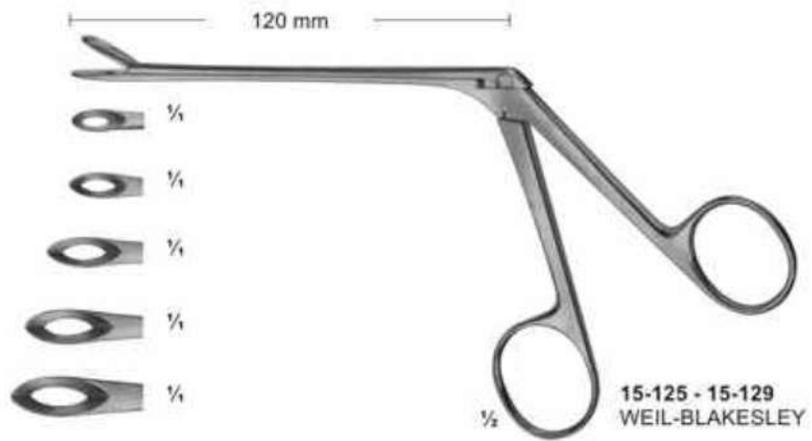
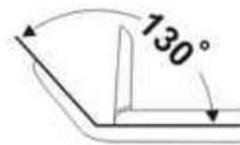
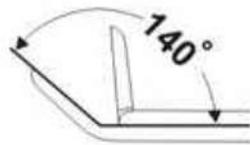
15-125  
3,0 mm

15-126  
3,6 mm

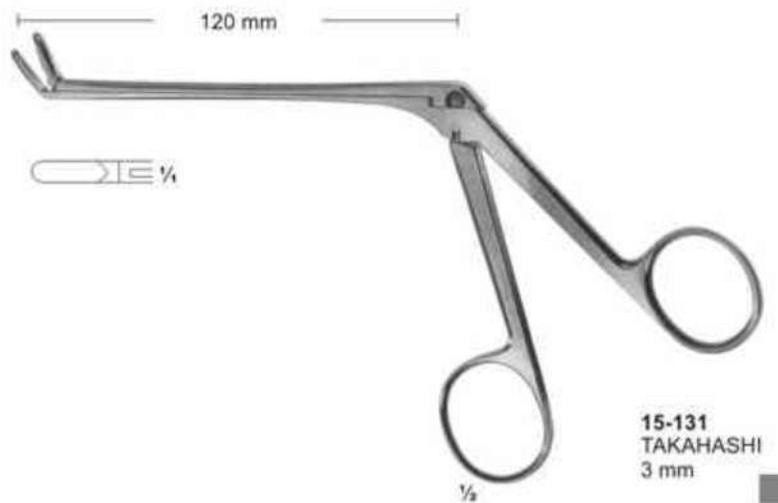
15-127  
4,2 mm

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

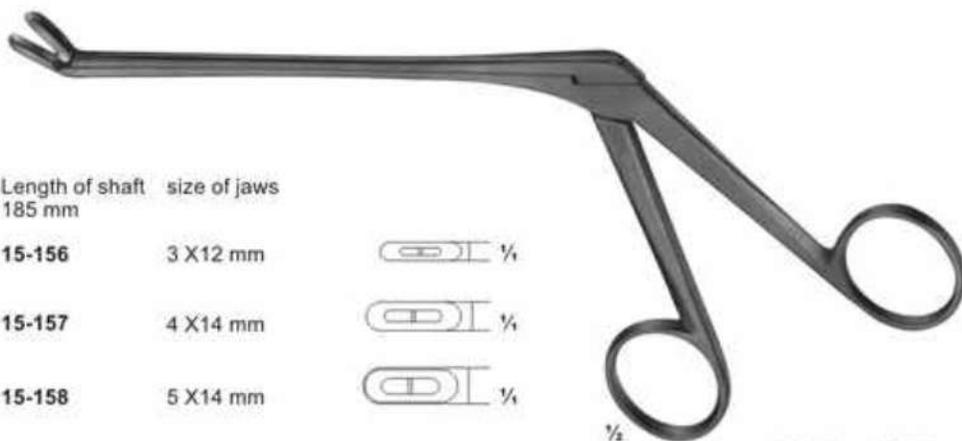
Length of shaft 140 mm	Length of shaft 160 mm	Length of shaft 185 mm	size of jaws
15-135	15-140	15-145	2 X12 mm
15-136	15-141	15-146	3 X12 mm
15-137	15-142	15-147	4 X14 mm
15-138	15-143	15-148	5 X14 mm
15-139	15-144	15-149	6 X16 mm



15-135 - 15-149  
CASPAR

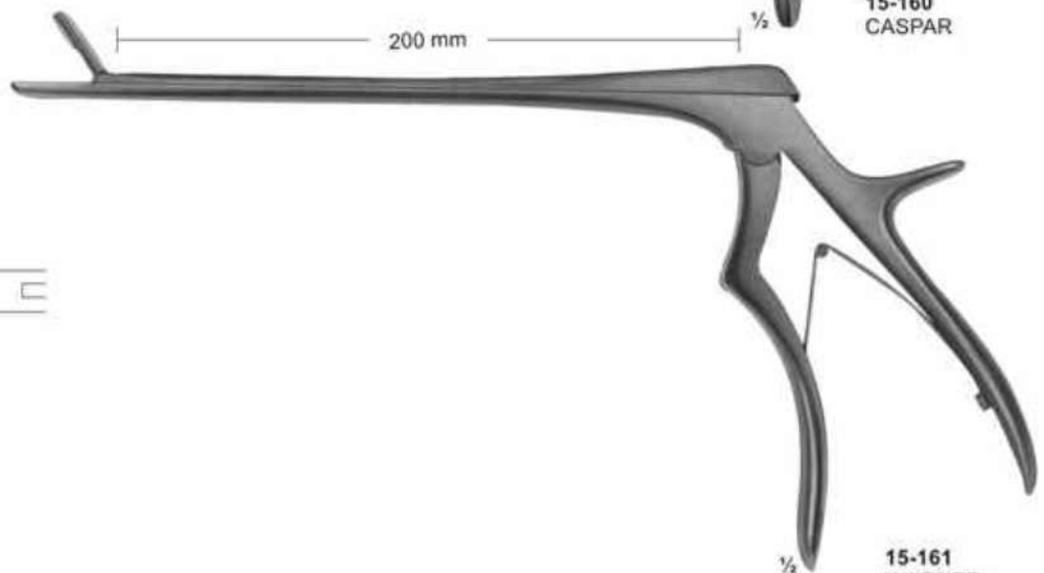
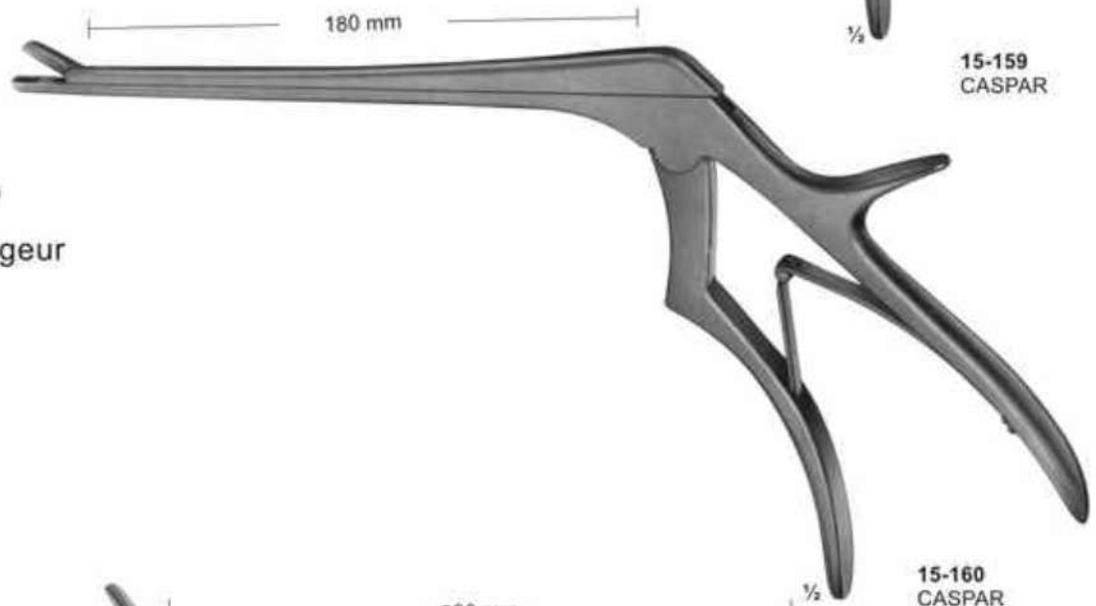
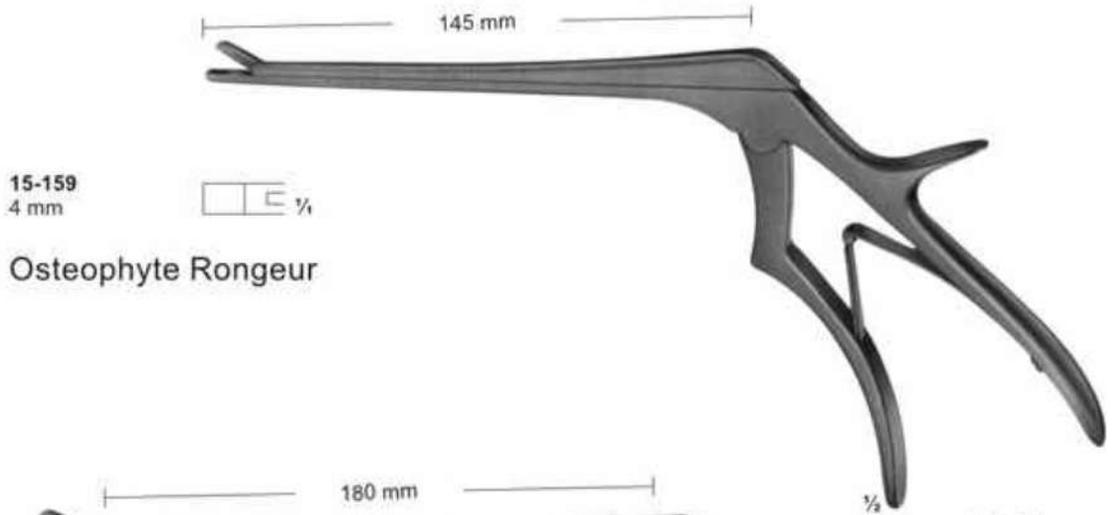
**150°**

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

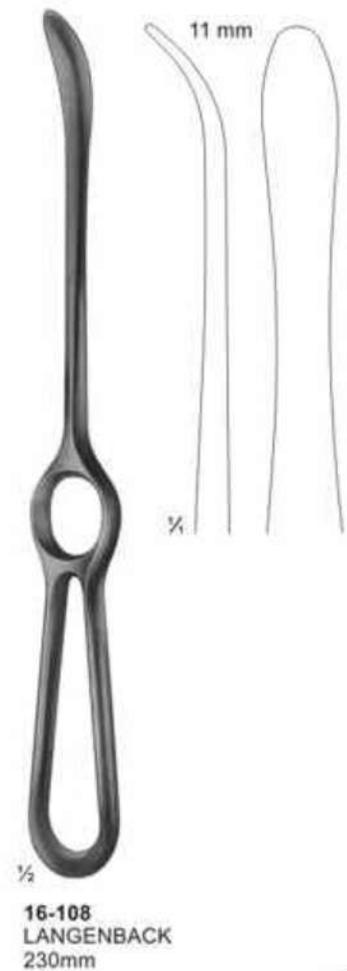
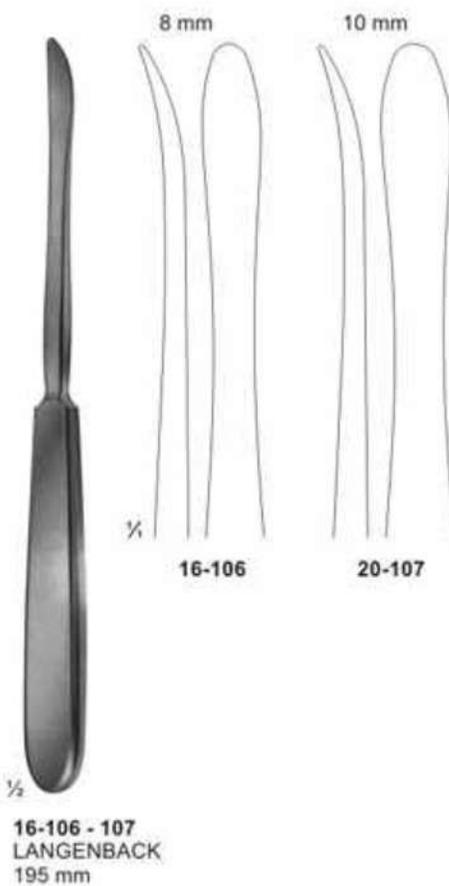
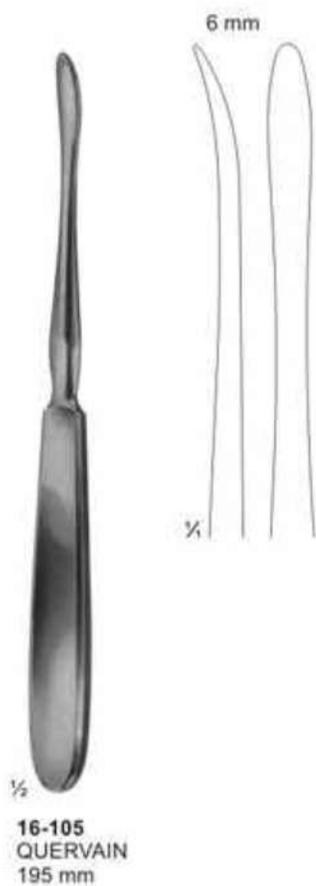
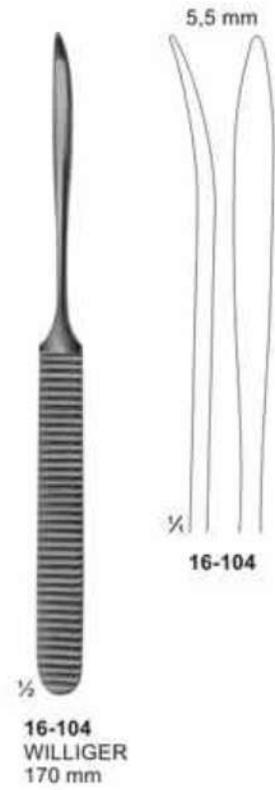
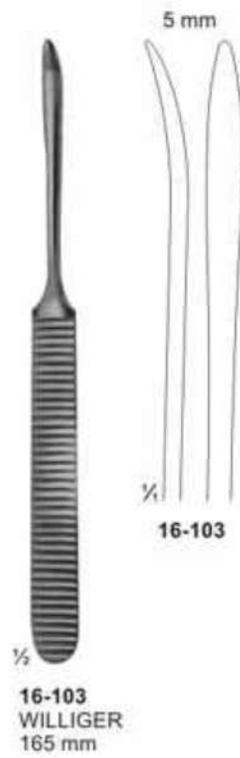
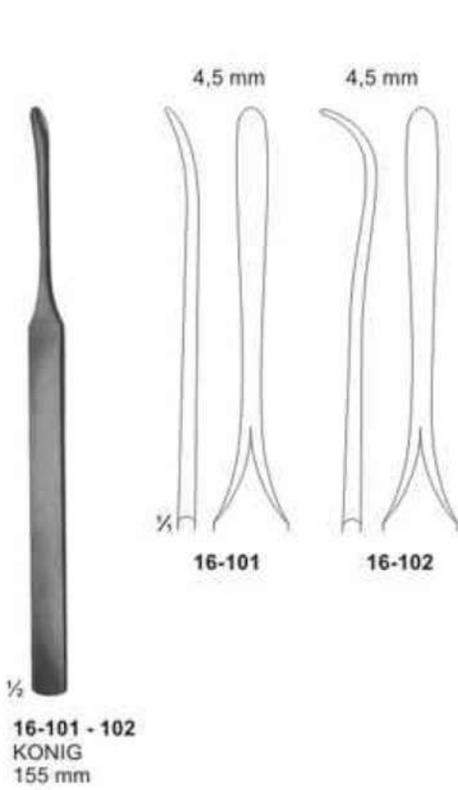


15-150 - 15-158  
CASPAR

# Rongeurs



# Elevators and Bone Levers



# Bone Levers



# Raspatories



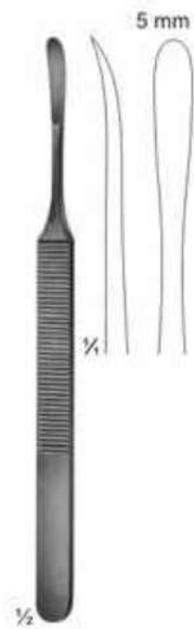
**16-114**  
**PARTSCH**  
 150 mm



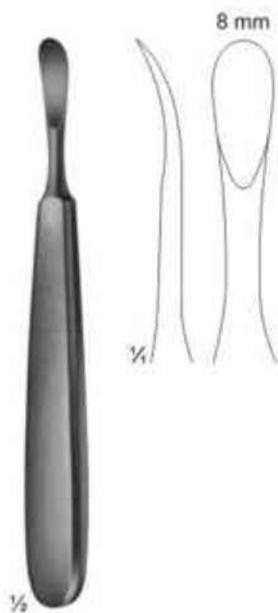
**16-116**  
**PARTSCH mod. LANGE**  
 145 mm



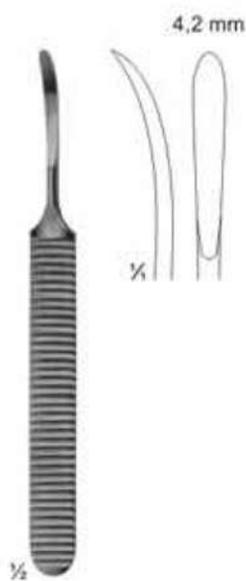
**16-117**  
**MC KENTY**  
 155 mm



**16-118**  
**KOENIG**  
 155 mm



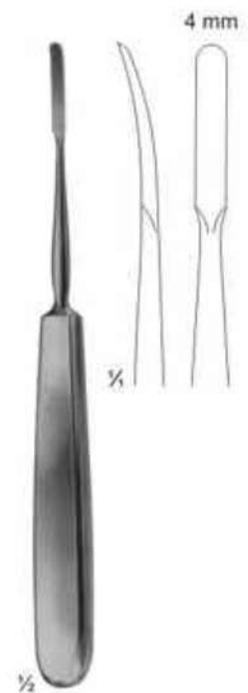
**16-119**  
**TRELAT**  
 150 mm



**16-120**  
**WILLIGER**  
 140 mm

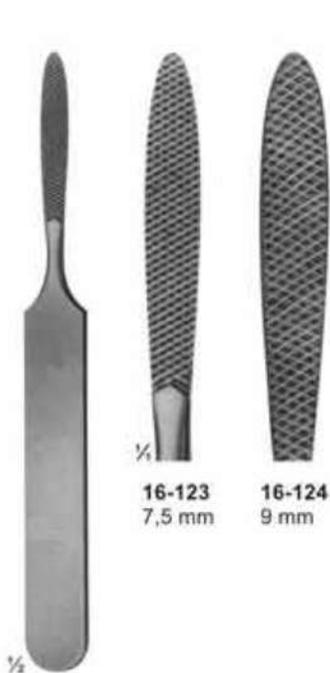


**16-121**  
**WILLIGER**  
 160 mm



**16-122**  
**JOSEPH**  
 170 mm

# Bone File and Rasps

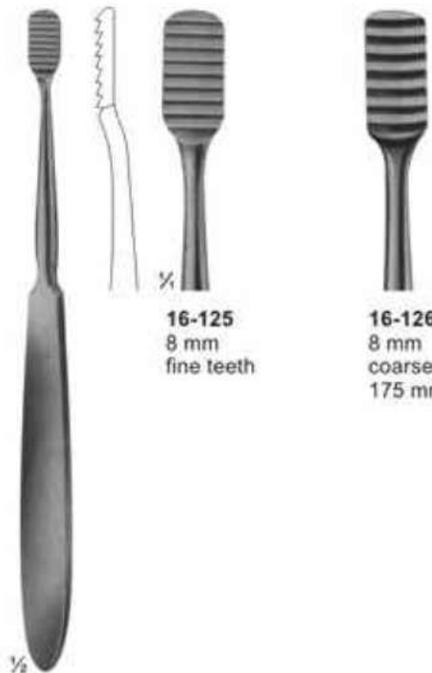


16-123  
7,5 mm

16-124  
9 mm

16-123  
JOSEPH  
fine, chequered

16-124  
coarse, chequered  
165 mm



16-125  
8 mm  
fine teeth

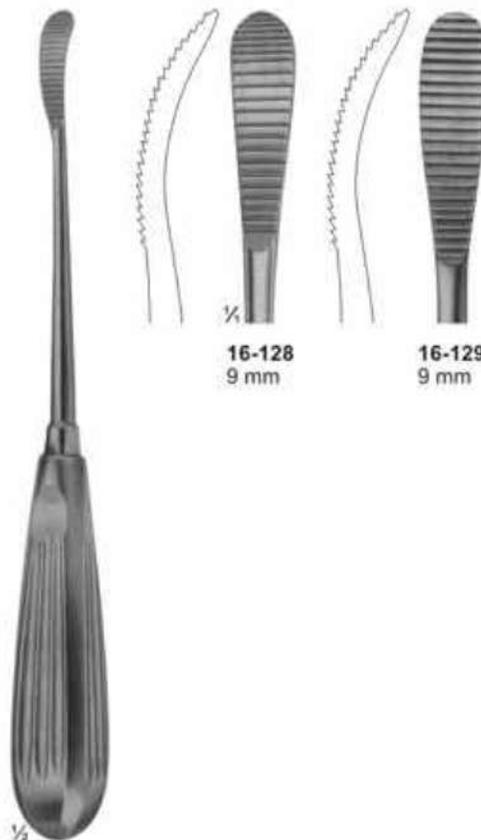
16-126  
8 mm  
coarse teeth  
175 mm

16-125 - 16-126  
LEWIS



16-127  
9 mm

16-127  
MALTZ  
down stroke  
180 mm



16-128  
9 mm

16-129  
9 mm

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



16-130  
6,5 mm

16-130  
GALLAHER  
190 mm

## Bone Currettes



**16-131**  
**JACOBSON**  
 140 mm



**16-132**  
**MARTINI**  
 140 mm



**16-133**  
**MARTINI**  
 140 mm



**16-134**  
**WILLIGER**  
 145 mm



**16-135**  
**JANSEN**  
 160 mm



**16-136**  
**BARTH**  
 180 mm



**16-137**  
**VOLKMANN**  
 130 mm



**16-138**  
**VOLKMANN**  
 145 mm



**16-139**  
**VOLKMANN**  
 170 mm



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



∅ 20 mm

½

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



∅ 25 mm

½

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



∅ 30 mm

½

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



∅ 22 mm

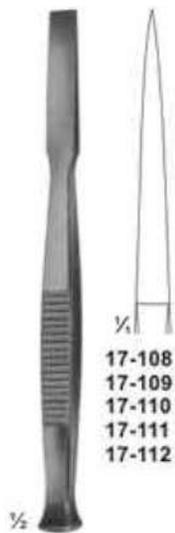
½

**17-106**  
165 g  
lead filled head  
190 mm

# Osteotomes, Chisels and Gouges

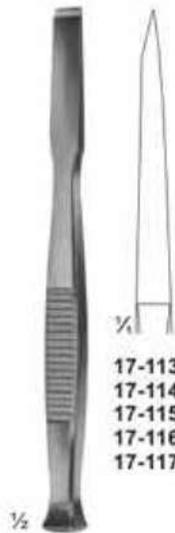


**17-107**  
**MANNERFELT**  
Gouge  
155 mm



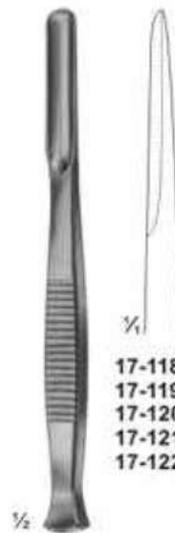
**17-108 - 112**  
**Osteotomes**  
140 mm

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



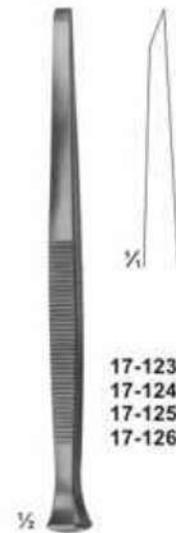
**17-113 - 117**  
**Chisels**  
140 mm

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



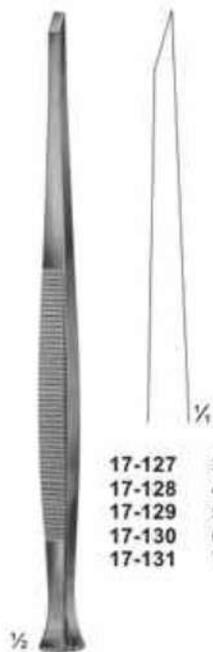
**17-118 - 122**  
**Gouges**  
140 mm

- 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



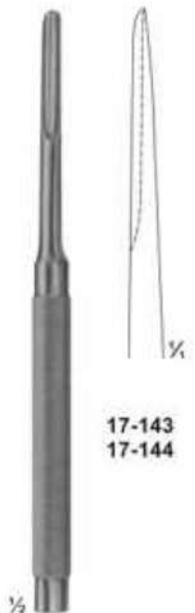
**PARTSCH**  
**17-136 - 140**  
**Gouges**  
170 mm

- 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



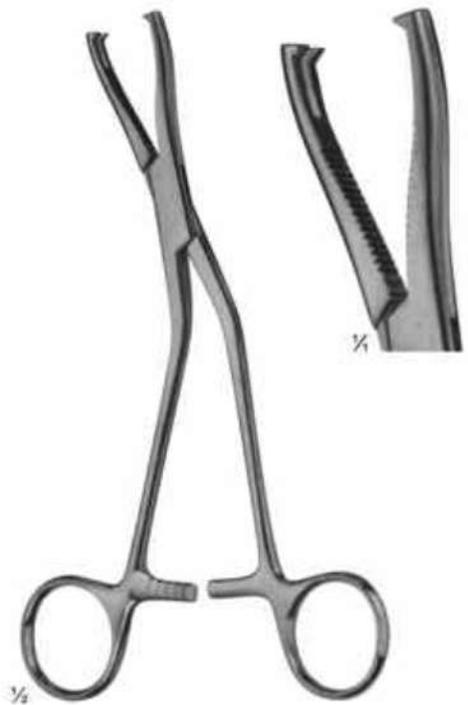
**17-146**  
 Forceps with  
 ratchet fixation  
 140 mm



**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



# Bone Rongeurs



**17-158**  
 LUER  
 150 mm



**17-159**  
 LUER  
 155 mm



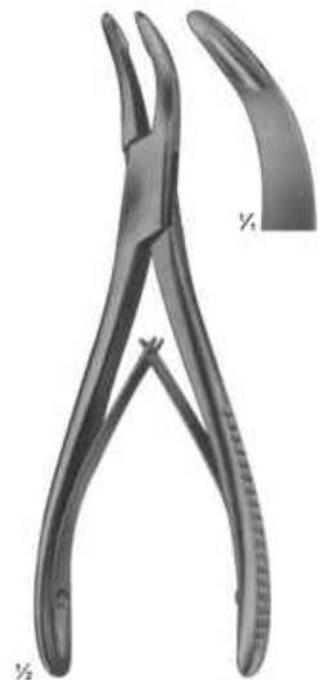
**17-160**  
 BLUMENTHAL  
 155 mm



**17-161**  
 BLUMENTHAL  
 150 mm



**17-162 - 163**  
 JANSEN  
 175 mm



**17-164**  
 BANE-HARTMANN  
 175 mm

## Bone Rongeurs



**17-165**  
STILLE  
235 mm



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



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

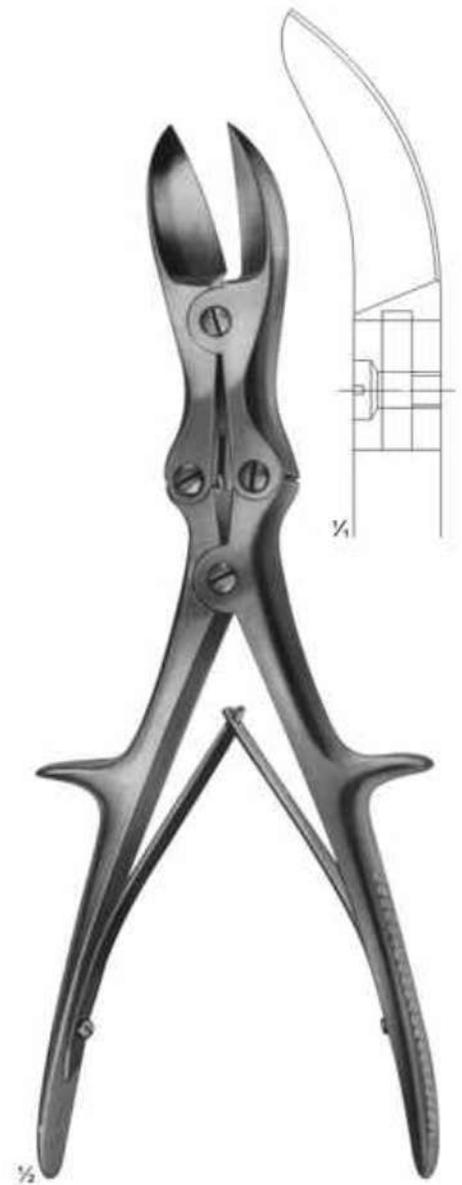
# Bone Cutting Forceps



**17-168**  
 LISTON  
 curved on flat  
 240 mm

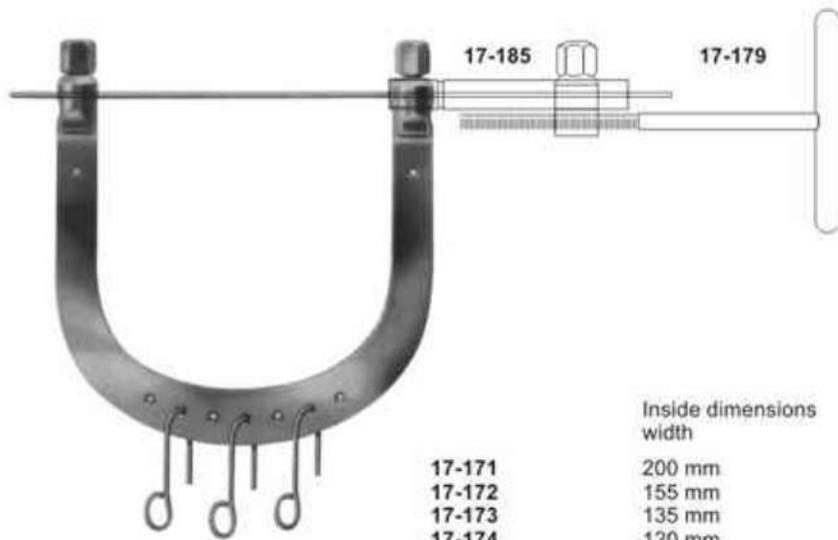


**17-169**  
 LISTON  
 straight  
 280 mm



**17-170**  
 LISTON  
 curved on flat  
 280 mm

# Wire Extension



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

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



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



**17-179**  
Wire tightener, with  
clamping jaws



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

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



**17-180**  
Traction hook only,  
large size

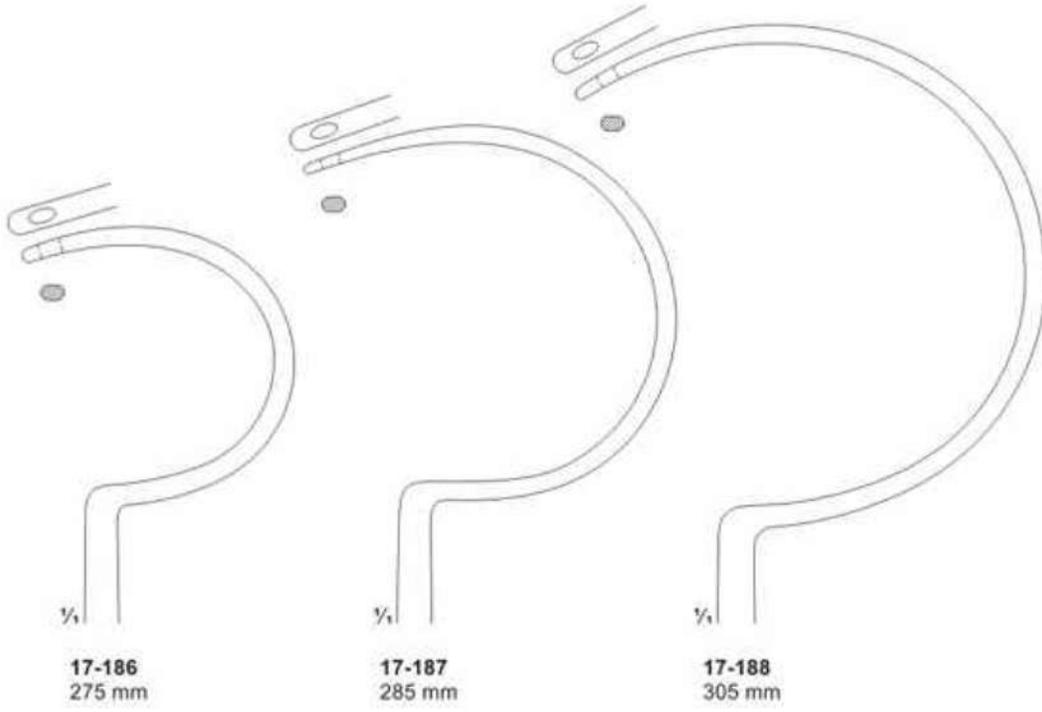


**17-181**  
Traction hook only,  
small size



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

# Cerclage Instruments



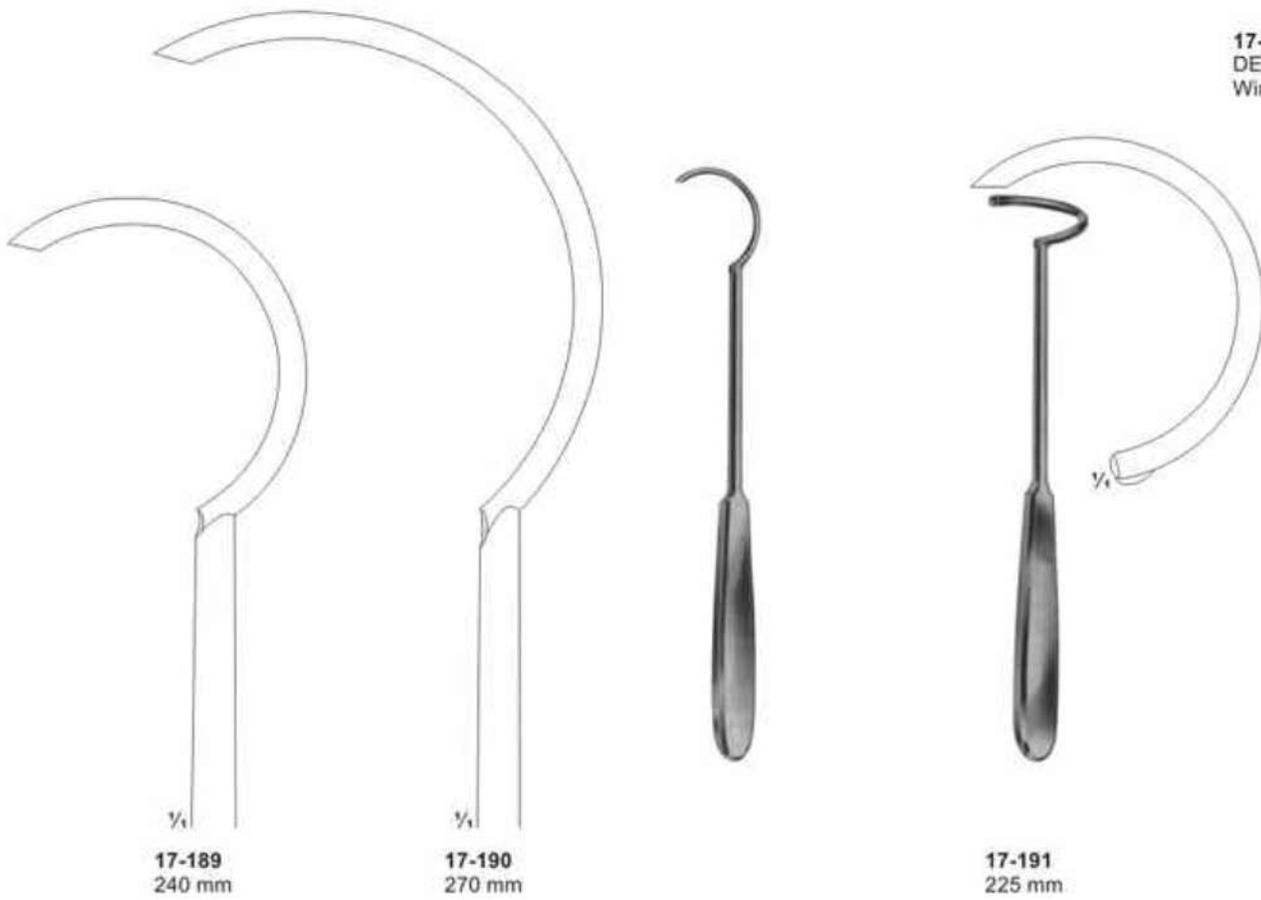
**17-186**  
275 mm

**17-187**  
285 mm

**17-188**  
305 mm



**17-186 - 17-188**  
DEMEL  
Wire guides



**17-189**  
240 mm

**17-190**  
270 mm

**17-191**  
225 mm

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



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



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



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



**17-195**  
 with serrated jaws  
 140 mm



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



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



**17-199**  
 190 mm

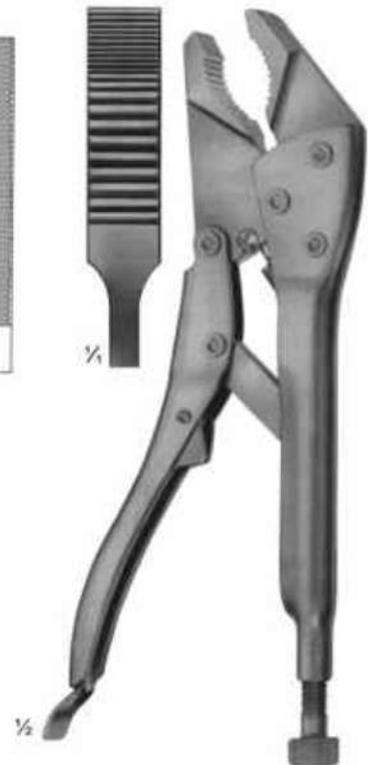
# Wire Holding forceps, Flat-nosed Pliers, Pliers for bending and cutting wires



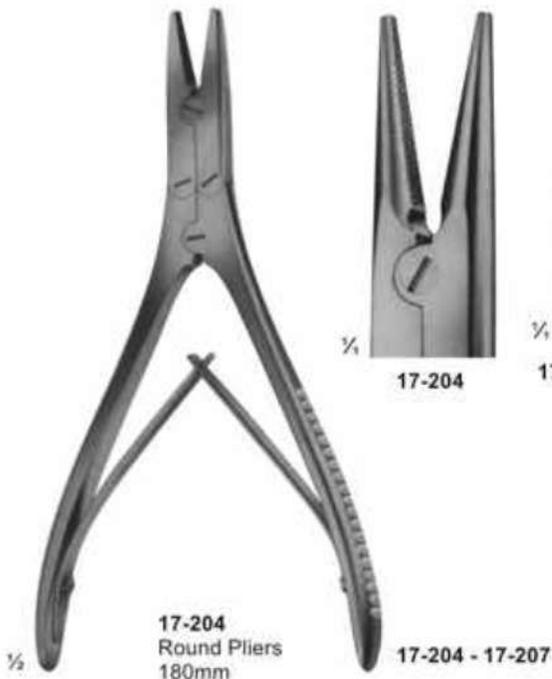
**17-200 - 17-201**  
 Extraction pliers  
 for boring wires



**17-202**  
 Flat-nosed pliers,  
 parallel  
 185 mm



**17-203**  
 Vise grip  
 200 mm



**17-205 - 17-207**  
 Extraction pliers for wires



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

# Wire Cutters and wire Cutting Scissors DUROTIP with Carbide Cutting Edges



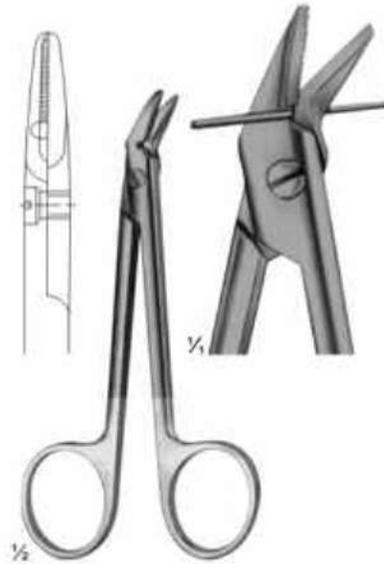
**17-209**  
ANGLE  
130 mm

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

0,5 mm  
0,3 mm

**17-210**  
DUROTIP  
ANGLE  
130 mm

0,6 mm  
0,4 mm



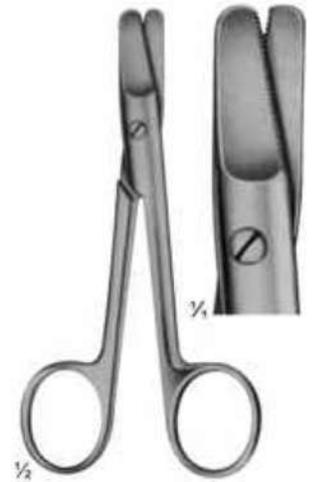
**17-211**  
120 mm

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

1,2 mm  
0,8 mm

**17-212**  
DUROTIP  
120 mm

1,2 mm  
0,8 mm



**17-213**  
HARVEY  
125 mm

0,4 mm  
0,3 mm



**17-214**  
150 mm

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

1,5 mm  
1,0 mm



**17-215**  
160 mm

1,5 mm  
1,2 mm



**17-216**  
140 mm  
DUROTIP  
1,5 mm

1,0 mm

# Wire Cutting Pliers, Lateral Cutting Action



**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. 3,0 mm  
 For hard wire  
 up to diam. 3,0 mm



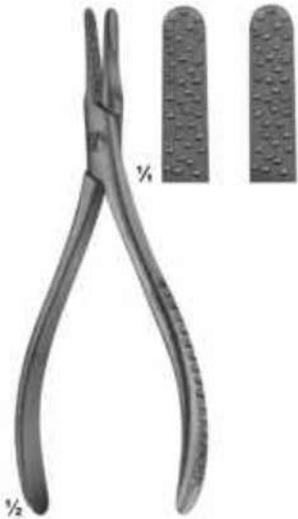
Cutter for cutting off  
 KIRSCHNER wires,  
 Tibia head screws,  
 bolts, pins, up to 3 mm diam.



**DUROTIP**

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

## Finger Nail Instruments



**17-226**  
 Nail extracting  
 forceps  
 135 mm

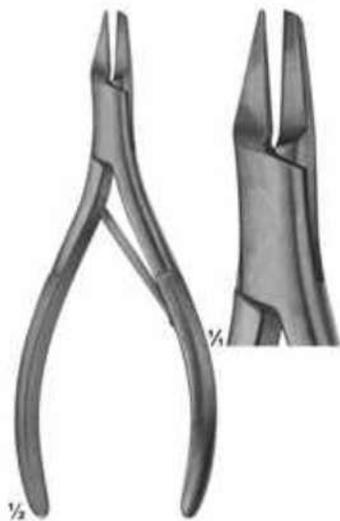


**17-227**  
 Nail extracting  
 forceps  
 145 mm



**17-228**  
 Finger nail drill  
 with 3 drill points

1/4  
**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-AESCULAP  
260 mm



**17-236**  
STILLE-AESCULAP  
360 mm



## Plaster Spreader, Plaster Breakers



17-237  
HENING  
270 mm



17-238  
MOD.USA  
230 mm



17-239  
290 mm

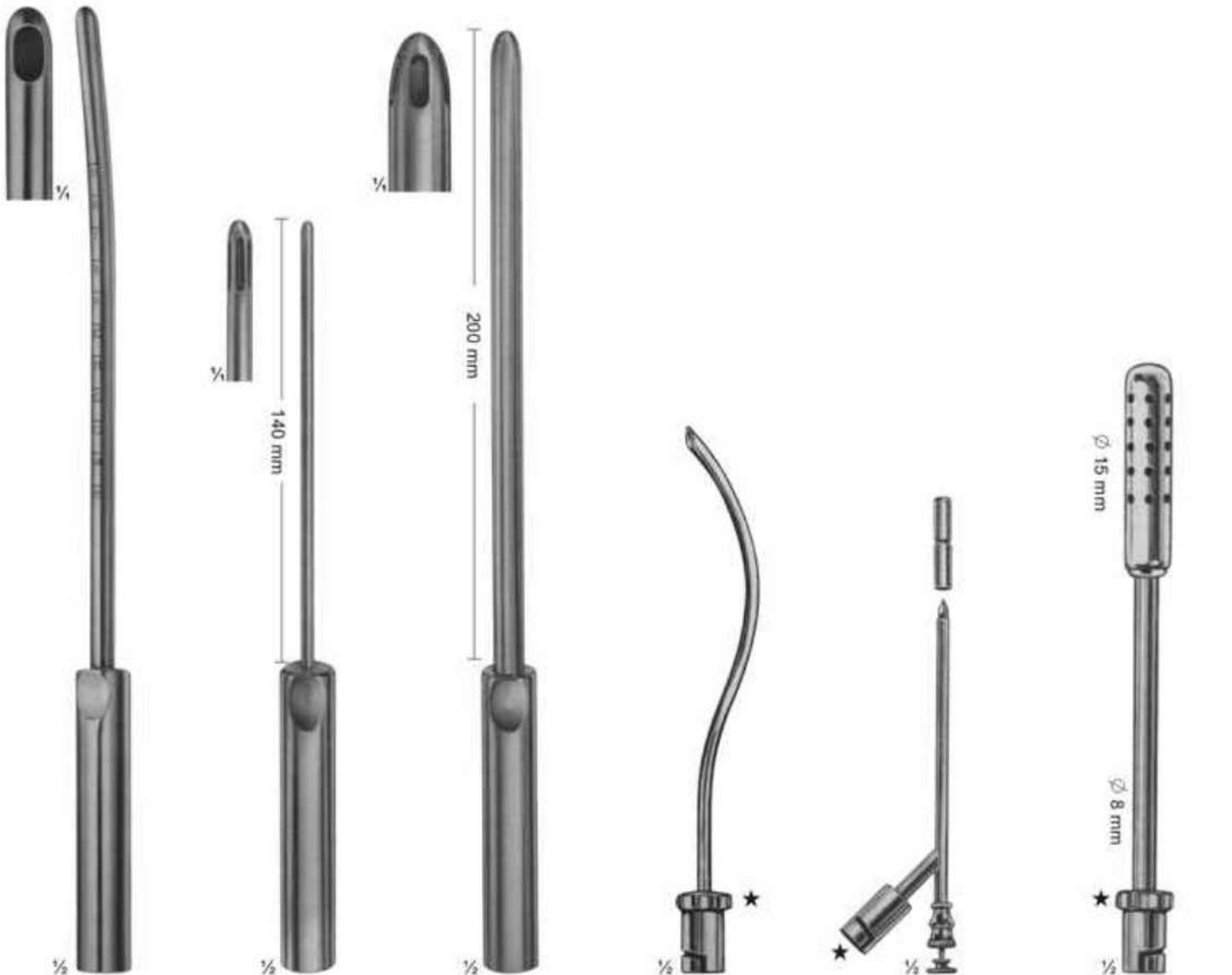


with removable jaws



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

## Vacuum Curettes for Aspiration Lipectomy, Suction Instruments



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

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

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

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

**18-113**  
Trocar  
For puncturing  
150 mm

**18-114**  
For clearing large quantities of fluid  
190 mm

## Suction Instruments

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



olive  
 Ø 9 mm

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



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



**18-117**  
 Trocar  
 For puncturing  
 170 mm



**18-118**  
 Hollow needle,  
 sharp  
 150 mm



**18-119**  
 double curved  
 For general  
 surgery  
 230 mm



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



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

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



# Suction Instruments

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



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



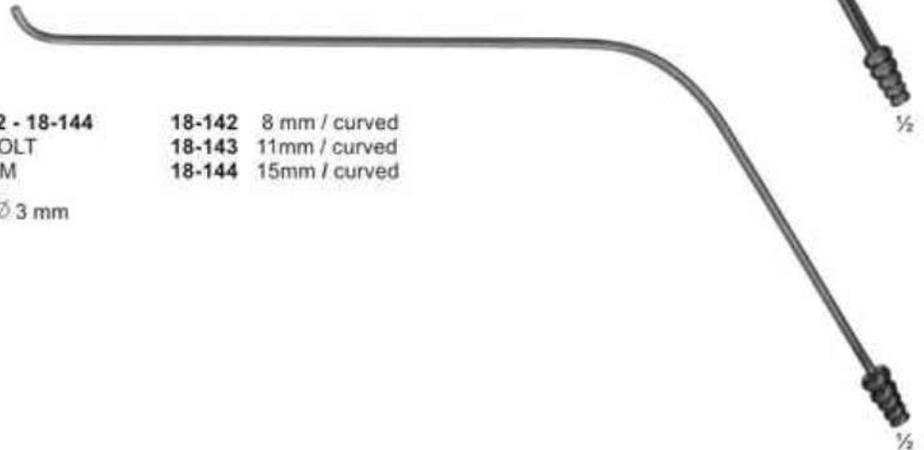
Usable length

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



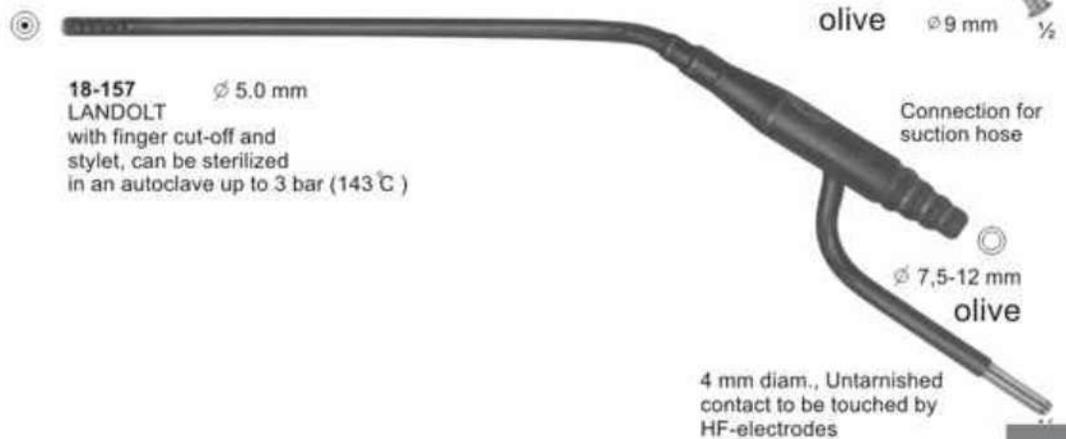
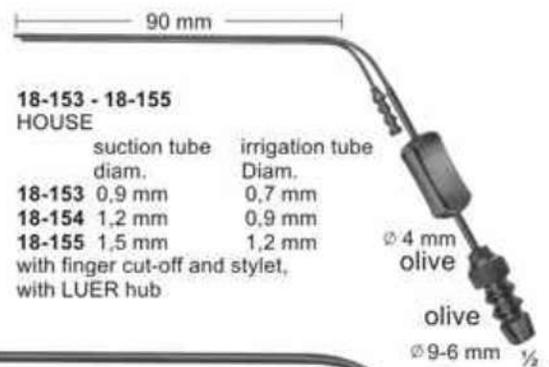
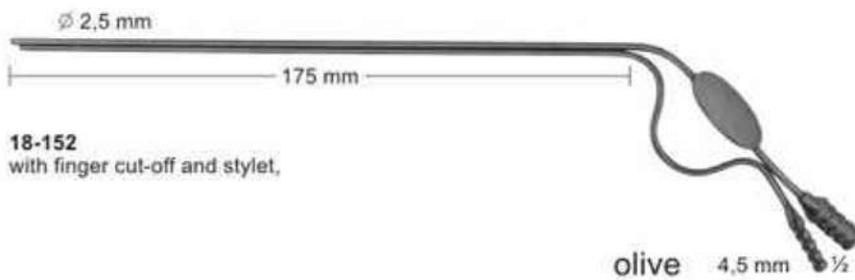
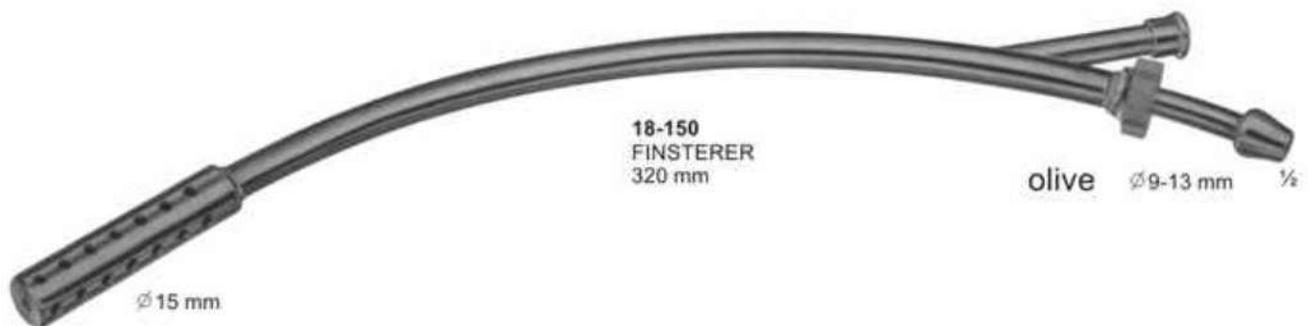
**18-145** 500 mm  
**18-146** 350 mm  
 with rubber tip,  
 with LUER hub

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

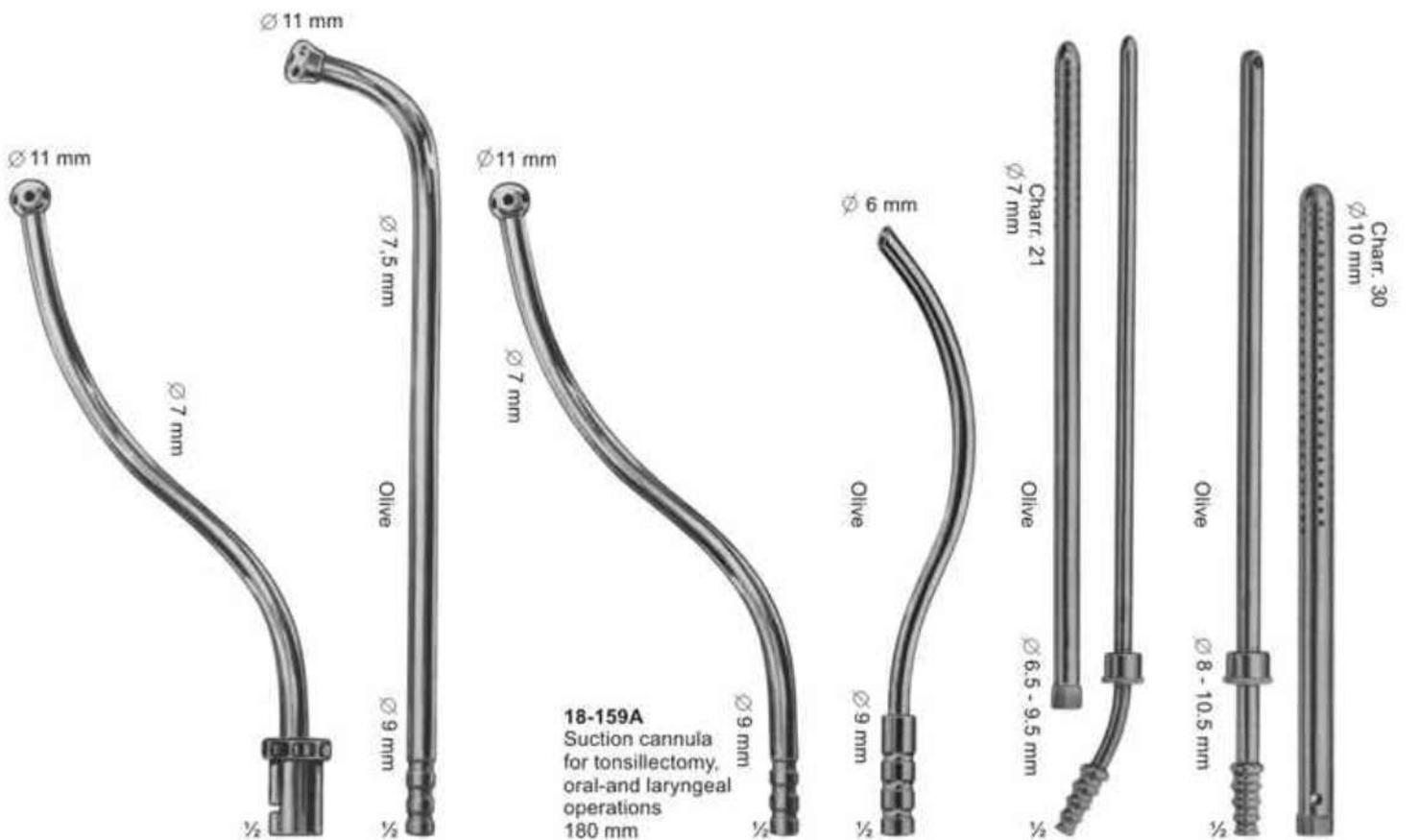




# Combined Suction and Irrigation Cannulae, Coagulation Suction Cannulae



# 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

**18-163 - 18-166 PLESTER**  
with finger cut-off and stylet, thumb piece parallel to curve, with LUER hub  
195 mm

**18-167 - 18-171 FERGUSSON**  
with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub  
180 mm

**18-172**  $\varnothing$  4,0 mm  
**FERGUSSON**  
with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub  
180 mm

**18-173**  $\varnothing$  3,0 mm  
**18-174**  $\varnothing$  5,0 mm  
**FRAZIER**  
insulated, with finger cut-off and stylet, thumb piece 90° to curve, with LUER hub  
180 mm

**18-175**  
5,0 mm diam., Tip 6,5 mm wide, Nasal suction tube, with LUER hub  
180 mm

**18-176**  $\varnothing$  4,5 mm  
**18-177**  $\varnothing$  5,5 mm  
Nasal suction tubes  
175 mm

**18-178 GORNEY**  
Suction dissector  
180 mm

**18-179** 4 mm wide  
**18-180** 5 mm wide  
Suction raspatories, sharp, bayonet-shaped, with stylet  
200 mm

**18-181 LOPEZ-REINKE**  
Tonsil dissector with suction device  
235 mm

## Dissection Instruments



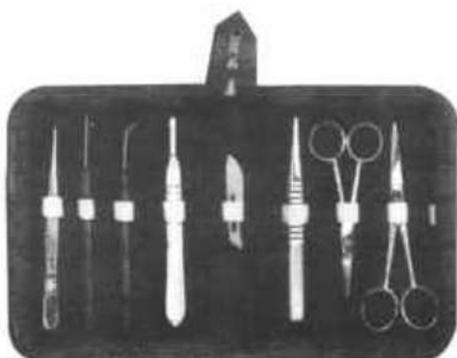
### 18-182

- 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.



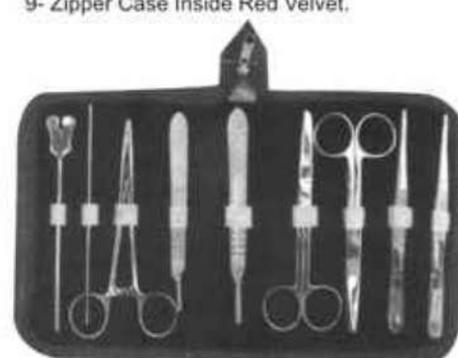
### 18-183

- 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- Discting Forcep 13 cm 1x2 Teeth
- 6- Dressing Forcep 13 CMS Serrated.
- 7- Dressing Scissor 13 cm S/B STR.
- 8- Dressing Scissor 13 cm S/B CVD.
- 9- Zipper Case Inside Red Velvet.



### 18-184

- 1- Dissecting Forcep 11.5 cm Sharp Point.
- 2- Iris Scissor
- 3- B.P Handle No. 4
- 4- Teasing Needle Sharp angular.
- 5- Blade No. 22
- 6- Thumb Forceps T.O.E 13 cm
- 7- Dissecting Scissor STR 11.5 cm
- 8- Dissecting Scissor STR 13 cm
- 9- Zipper case Inside Red Velvet



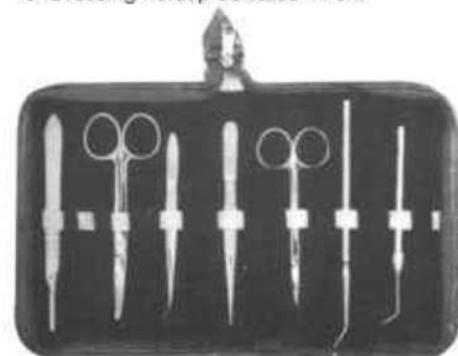
### 18-185

- 1- Grooved Director with Tongue Tie 14 cm
- 2- Probe Double 14cm
- 3- Mayo Hegar Needle Holder 14 cm
- 4- BP. Handle no.3
- 5- BP. Handle no.4
- 6- Dressing Scissor 14 cm S/B STR
- 7- Dressing Scissor 14 cm S/B CVD.
- 8- Dressing Forcep 1x2 Teeth 14 cm
- 9- Dressing Forcep Serrated 14 cm



### 18-186

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



### 18-187

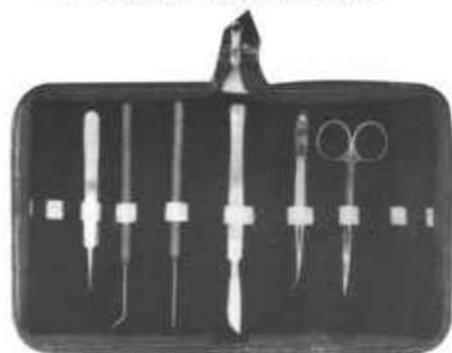
- 1- Teasing Needle with Chuck CVD.
- 2- Huber Probe
- 3- Iris Scissor
- 4- Dissecting Forcep Fine 14 cm.
- 5- Dissecting Forcep Fine CVD. 12 cm
- 6- Operating Scissor with Probe 14 cm.
- 7- B.P. Handle no. 4

## Dissection Instruments



### 18-188

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



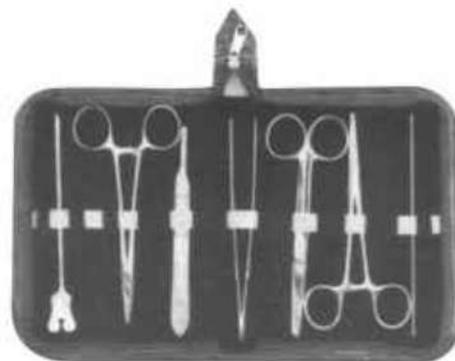
### 18-190

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



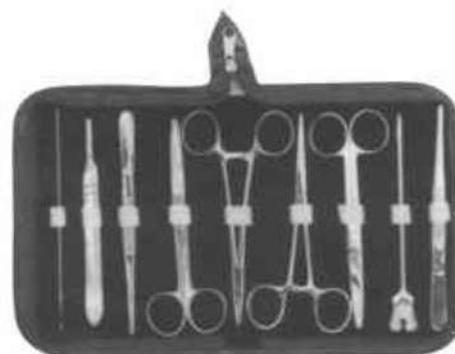
### 18-192

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



### 18-189

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

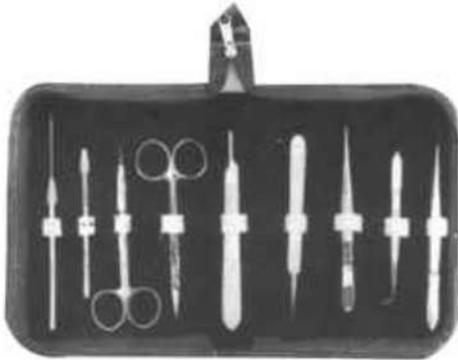
- 1- Probe Double end
- 2- B.P Handle No. 4
- 3- Dissecting Forcep 1x2 Teeth 14 cm.
- 4- Operating Scissor S/B str 14 cm
- 5- Mayo Hearg Needle Holder 14 cm
- 6- Kelly Forcep STR 14 cm.
- 7- Operating Scissor S/B CVD 14 cm
- 8- Grooved Director and Tongue tie
- 9- Dissecting Forceps Thumb 14 cm.



### 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 Hearg Needle Holder 14 cm
- 6- Operating Scissor S/B str 14 cm
- 7- Probe Double end
- 8- Kelly Forcep STR 14 cm.

## Dissection Instruments



### 18-194

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



### 18-195

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



### 18-196

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



### 18-197

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

## Hospital Wares



**19-101 - 115**  
 Schimmelbusch

	∅ x H sizes in mm
<b>19-101</b>	80 x 80
<b>19-102</b>	105 x 120
<b>19-103</b>	140 x 140
<b>19-104</b>	160 x 120
<b>19-105</b>	160 x 150
<b>19-106</b>	190 x 150
<b>19-107</b>	190 x 190
<b>19-108</b>	240 x 160
<b>19-109</b>	240 x 240
<b>19-110</b>	290 x 160
<b>19-111</b>	290 x 240
<b>19-112</b>	340 x 160
<b>19-113</b>	340 x 340
<b>19-114</b>	390 x 190
<b>19-115</b>	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**  
 ∅ 65mm x 15mm

# Hospital Wares



19-123 - 131

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



19-141 - 142

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



19-132 - 139

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



**19-140**  
205 x 105 x 35 mm

## Round Metal Boxes and Medicine Cups



19-143 - 148

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



19-149  
25 cc

19-150  
50 cc



19-151  
20 cc  
Medicine Spoon



19-152  
Ø 75 x 12 mm  
Tablet Tray



19-153  
Ø 90 x 90 mm  
Metal Cup



19-154  
Ø 75 x 80 mm  
Sputum Cup



Kidney Dish



19-155 - 157

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

## Hospital Wares



19-158 - 165

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



19-166 - 170

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



19-171  
Ø 110 x 28 mm 0.15L



19-172  
100 cc 0.1L



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



19-177  
235 x 190 x 40 mm



19-178  
Ø 220 x 70 mm



## Hospital Wares



**19-179**  
∅ 50 x 100 mm  
Powder Pot



**19-180**  
∅ 50 x 75 mm  
Methot With Lid



**19-181**  
∅ 50 x 75 mm  
Methot Without Lid



**19-182**



**19-183**



**19-184**



**19-185 - 186**

**19-185** ∅ 235 mm  
**19-186** ∅ 310 mm

## Needle Cases



**19-187**  
 Sauerbruch  
 210 x 125 x 17 mm



**19-188**  
 Sauerbruch  
 210 x 125 x 17 mm



**19-189**  
 150 x 95 x 13 mm



**19-190**  
 150 x 95 x 13 mm



**19-191**  
 150 x 95 x 13 mm



**19-192**  
 150 x 95 x 13 mm



**19-193**  
 150 x 95 x 13 mm



**19-194**  
 150 x 95 x 13 mm



**19-195**  
 150 x 95 x 11 mm

## Storing Cases



19-199 - 209

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



**19-196**  
 Deponette  
 245 x 135 x 35mm



**19-197**  
 Deponette  
 245 x 135 x 50mm



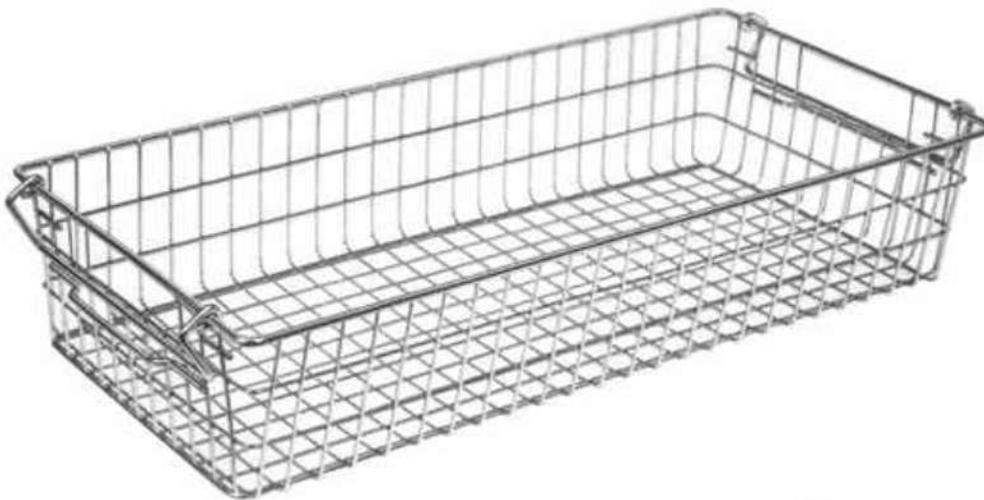
**19-198**  
 Deponette  
 245 x 135 x 60mm

## Sterilizing Baskets / Trays



19-210 - 212

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



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



19-213 - 218

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

## Scissors with Tungsten Carbide Inserts



**26-101**  
Standard

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



**26-102**  
Standard

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



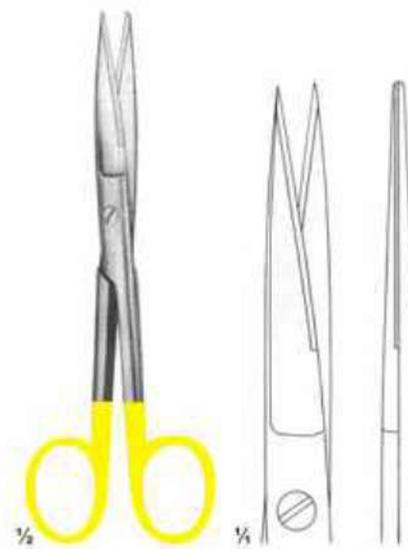
**26-103**  
Standard

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



**26-104**  
Standard

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



**26-105**  
Standard

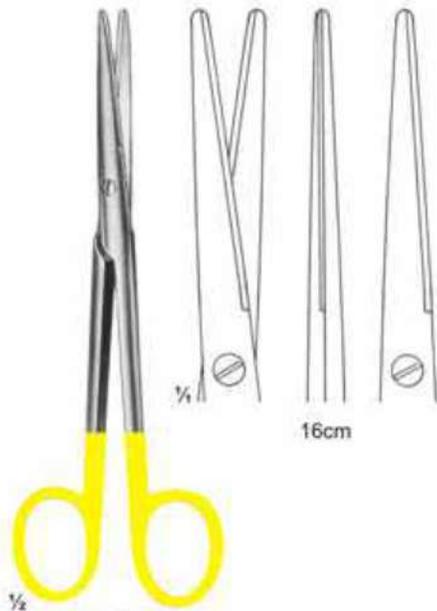
14,5cm  
16,5cm  
18,5cm



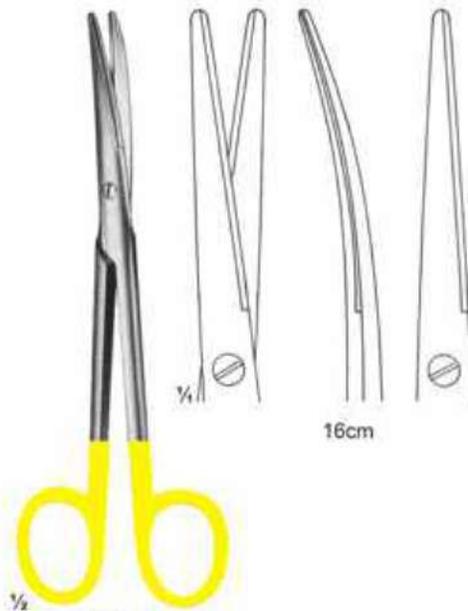
**26-106**  
Standard

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

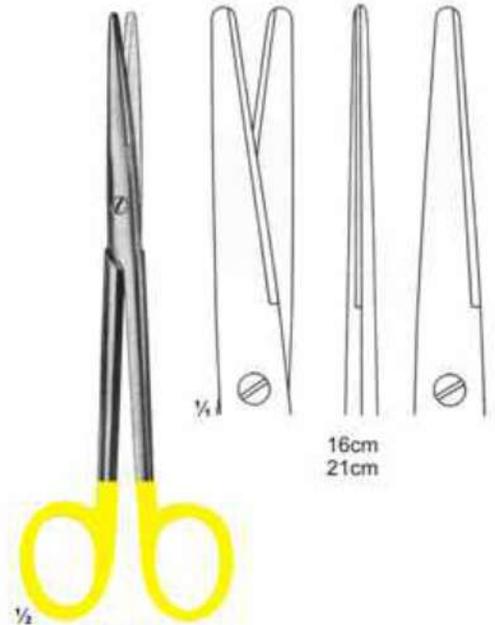
## Scissors with Tungsten Carbide Inserts



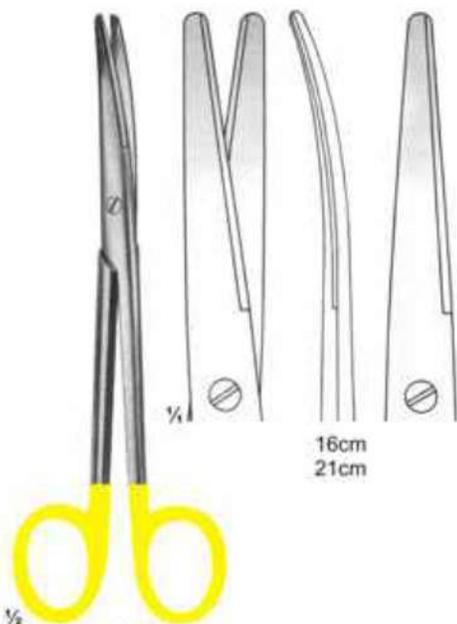
1/4  
**26-107**  
 Mayo-Lexer



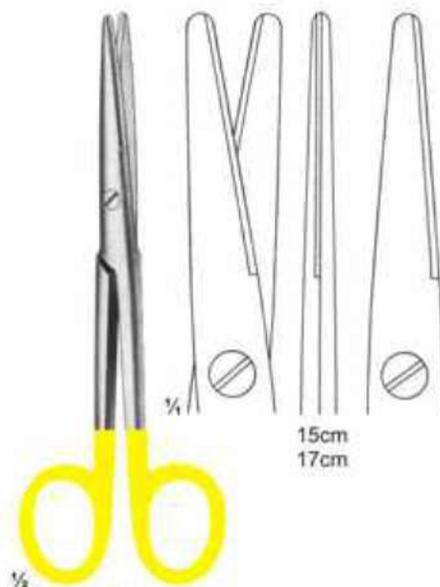
1/4  
**26-108**  
 Mayo-Lexer



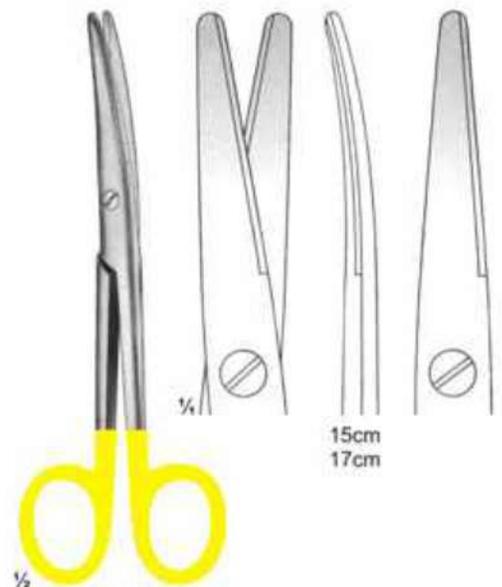
1/4  
**26-109**  
 Lexer



1/4  
**26-110**  
 Lexer

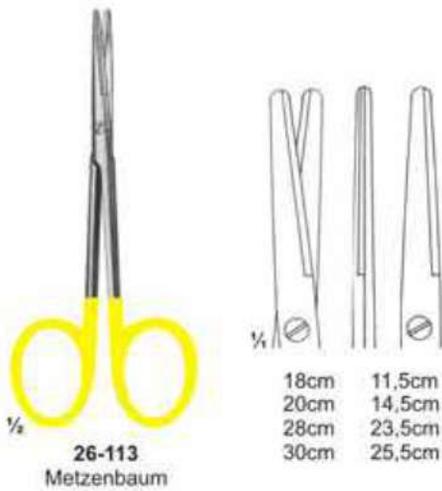


1/4  
**26-111**  
 Mayo-Stille

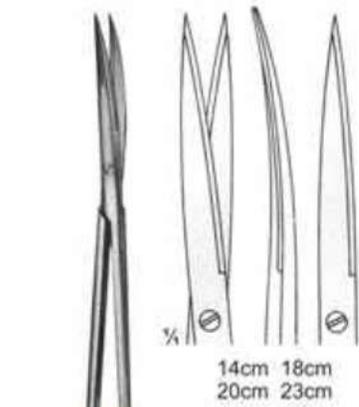


1/4  
**26-112**  
 Mayo-Stille

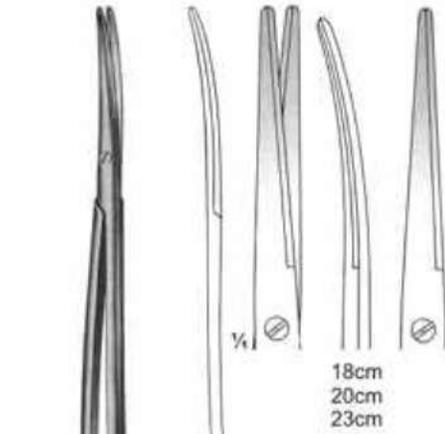
## Scissors with Tungsten Carbide Inserts



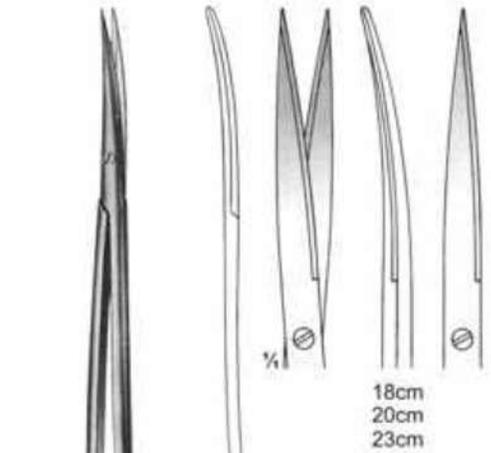
## Scissors with Tungsten Carbide Inserts



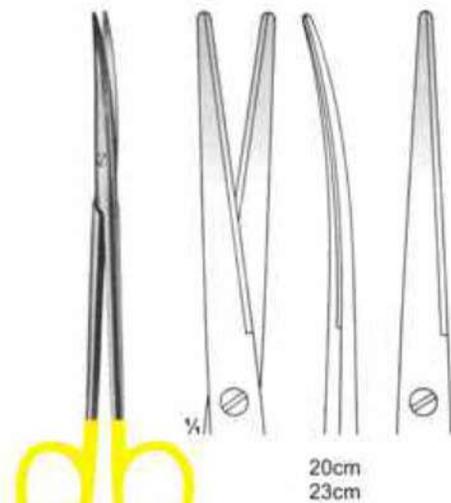
$\frac{1}{2}$   
**26-119**  
 Metzenbaum-Fino



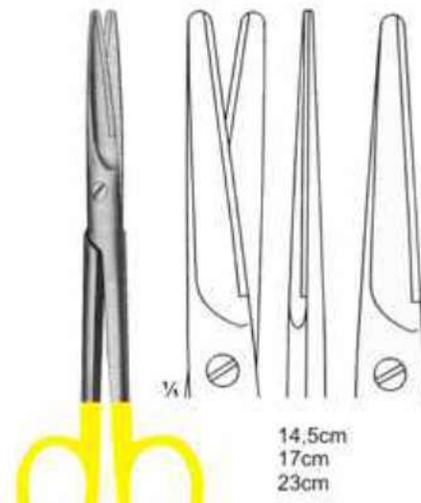
$\frac{1}{2}$   
**26-120**  
 Metzenbaum-Fino



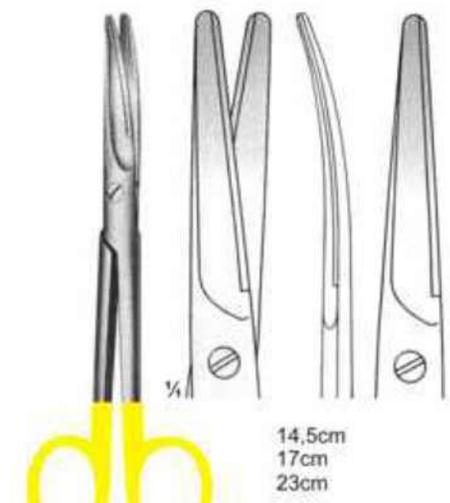
$\frac{1}{2}$   
**26-121**  
 Metzenbaum-Fino



$\frac{1}{2}$   
**26-122**  
 Metzenbaum



$\frac{1}{2}$   
**26-123**  
 Mayo



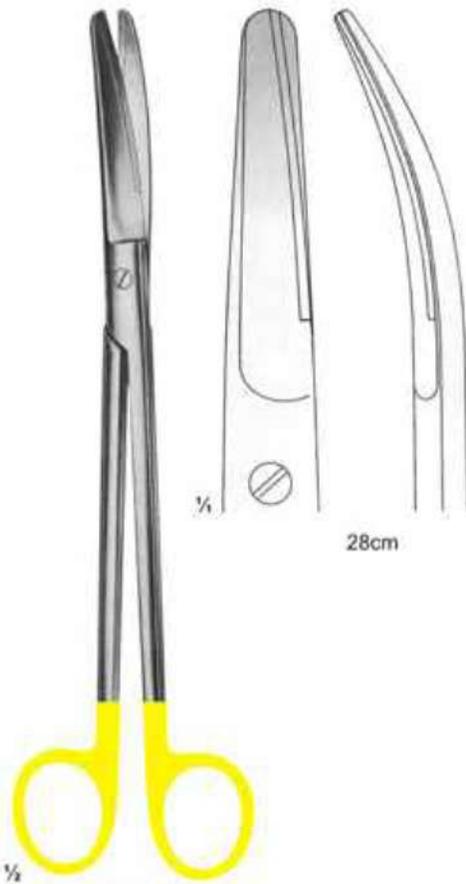
$\frac{1}{2}$   
**26-124**  
 Mayo



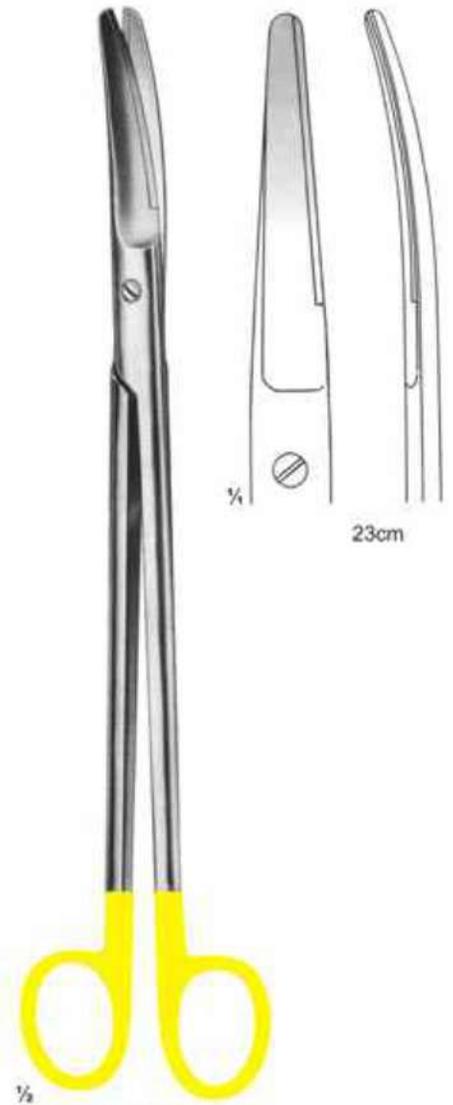
## Scissors with Tungsten Carbide Inserts



26-125  
Parametrium

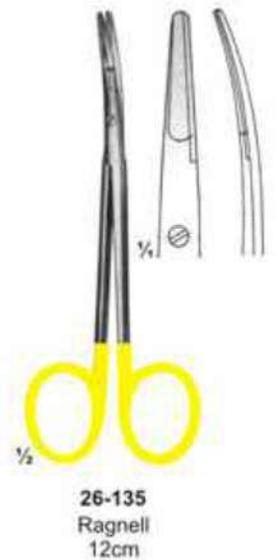
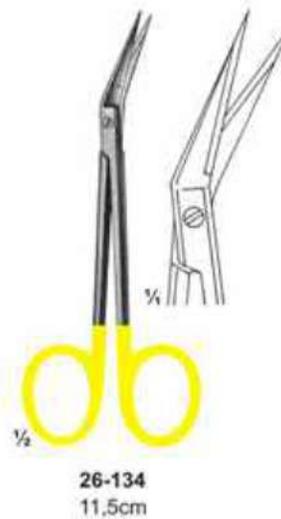
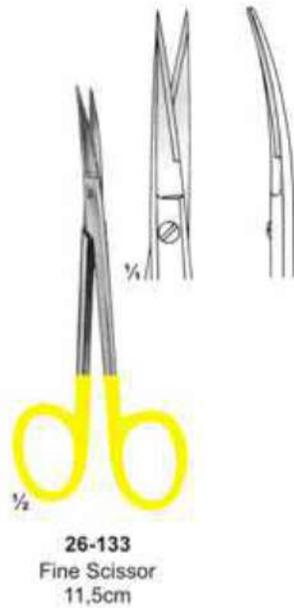
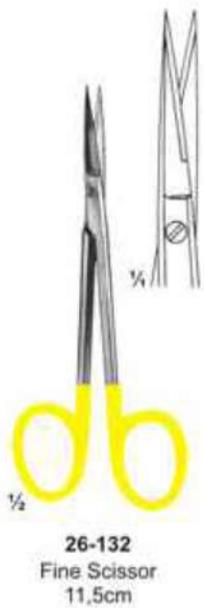


26-126  
Mayo-Harrington

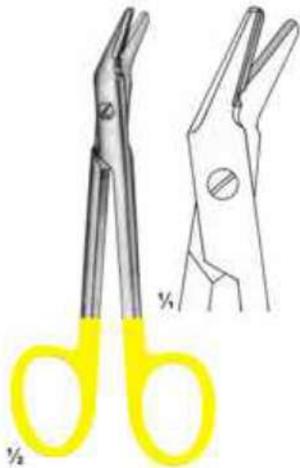


26-127  
Sims

## Scissors with Tungsten Carbide Inserts



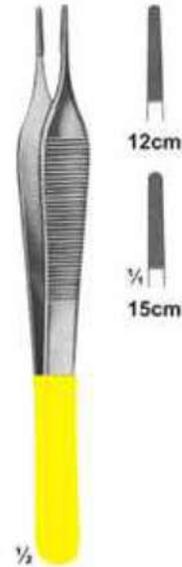
# Scissors & Dissecting Forceps with Tungsten Carbide Inserts



**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

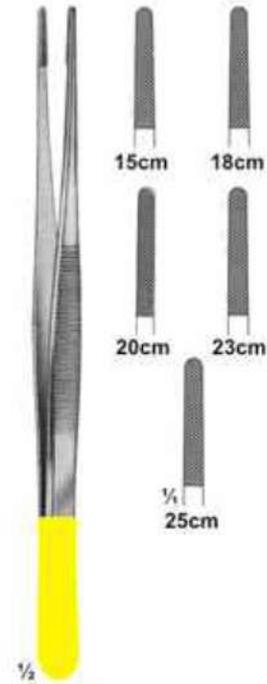


**26-143**  
 Semken  
 15cm

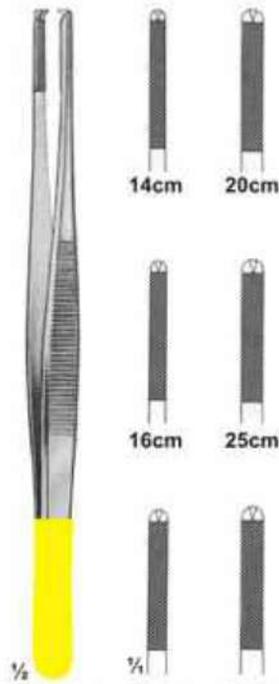
# Dissecting Forceps and Needle holders with



26-144  
 Wangenstein



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



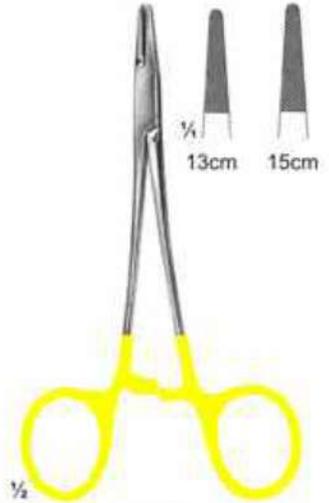
**26-152**  
 Arruga  
 16cm



**26-153**  
 Castroviejo  
 13cm



**26-154**  
 Hegar  
 20cm 24cm



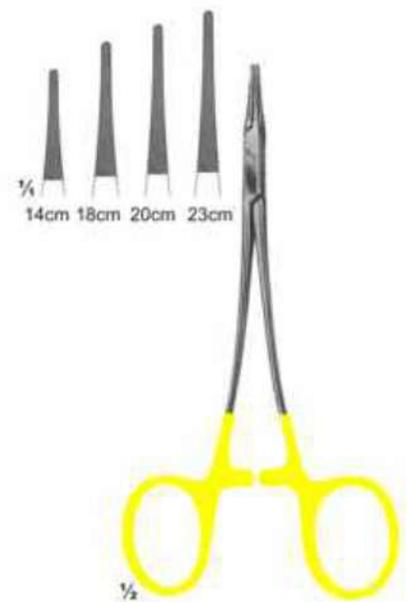
**26-155**  
 Halsey  
 13cm 15cm



**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

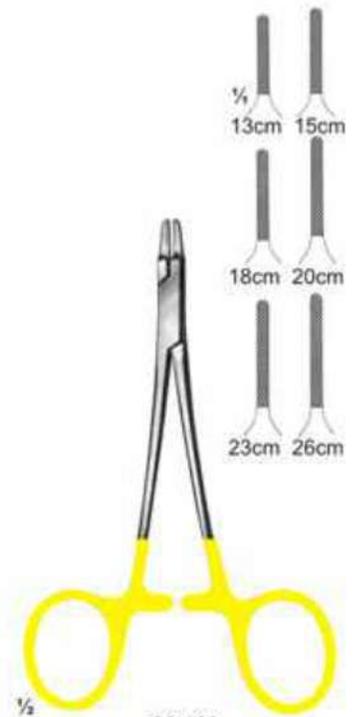
# Needle holders with Tungsten Carbide Inserts



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



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



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



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



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



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

## Needle holders with Tungsten Carbide Inserts



## Needle holders with Tungsten Carbide Inserts



1/2  
**26-172**  
 Mathieu-Ryder  
 17cm  
 20cm 24cm



1/2  
**26-173**  
 Lichtenberg  
 20cm



1/2  
**26-174**  
 Langhals  
 20cm 25cm



1/2  
**26-175**  
 Lichtenberg  
 20cm 25cm



1/2  
**26-176**  
 Luehty-Beck  
 20cm 25cm



1/2  
**26-177**  
 Luehty-Beck  
 20cm 25cm



1/2  
**26-178**  
 Langebeck  
 18cm  
 20cm 23cm

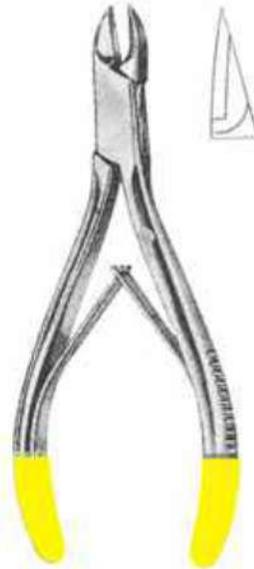


1/2  
**26-179**  
 Langebeck-beck  
 18cm  
 20cm 23cm

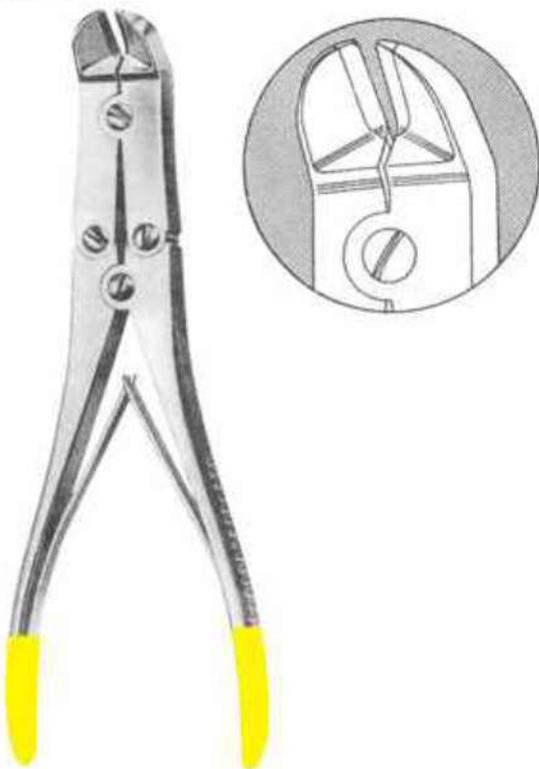
# Wire Cutting Plier With T.C. Inserts



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



**26-181**  
 Cutting Plier  
 12 cm



**26-182**  
**MULLAR CLAUS**  
 22 cm



**26-183**  
 Plier  
 17.5 cm



# Alphabetical Index

<b>A</b>			
ABRAHAM, tonsil knife	13	BRUNS, plaster scissor	64
ADSON, forceps	33	BRYANT, sponge forceps	43
ADSON, forceps	37	BROPHY, Tissue Forceps	38
ALLIS, artery traction forceps	47	BROWN, Tissue Forceps	39
ALLIS, intestinal grasping forceps	86	BUCHS, retractors	75
ALY, aesthesiometer	01	BUCHWALD, tongue depressor	04
AMPUTATING KNIVES	12	BUCK, neurological hammer	01
ANDREW, tongue depressor	04	BUMM, ovum forceps	230
ANESTOPHON, stethoscope	02	BUCK, Ear Curettes	110
ARRUGA, forceps	37	<b>C</b>	
ARRUGA, needle holder	61	CASPAR, retractor	75
ASCH, biopsy curettes	112	CASPAR, Micro scissor 115mm	16
AUFRIEHT, rasps	138	CASTROVIEJO, tissue forceps	37
AYRE, cone knife, 235mm	13	CASTROVIEJO, micro spring scissor	15
ADSON - BROWN, Tissue Forceps	39	CASTROVIEJO, needle holder	61
ADSON, Haemostatic Forceps	52	CASTROVIEJO, eye scissor 110mm	15
ANGLE, Wire Cutters Cutting Scissors	151	CASTROVIEJO, eye scissor 115mm	15
<b>B</b>		CATLIN, amputating knife 160mm	12
BABCOCK, intestinal grasping forceps	86	CALIPER, Examination & Measuring Instruments	10
BABY-ALLIS, artery traction forceps	47	CARREL, Haemostatic Forceps	51
BACKHAUS, towel clamps	48	CARROLL, Examination & Measuring Instruments	10
BACKHAUS-KOCHER, towel clamps	48	CASPAR, Rongeurs	133
BAILEY, rib spreaders	128	CASPAR, Rongeurs	134
BAKES, gall duct dilators	95	CASTROVIEJO, Examination & Measuring Instruments	10
BALFOUR, abdominal retractors	85	CHAPUT, artery traction forceps	47
BALFOUR-BABY, abdominal retractors	84	CLOWARD, lamina Spreaders	83
BANE-HARTMANN, bone rongeurs	144	CLAUS PLIER, Wire Cutting Plier With T.C. Inserts	187
BARTH, bone curettes	139	CLAUS PLIER, Wire Cutting Plier With T.C. Inserts	187
BABY-MOSQUITO, Haemostatic Forceps	51	COAKLEY, antrum trocars	100
BABY-ROUX, Retractors	73	COLLIN, intestinal grasping forceps	86
BABY-SENN-MILLER, Retractors	73	COLLIN, rib shears	126
BEEBE wire scissor	29	COLLIN, sponge and dressing forceps	44
BEER, cilia forceps	42	COLLIN, tongue forceps	05
BENGOLEA, delicate forceps	50	COLLIN, vaginal spatula	101
BERGER, biopsy forceps	115	CONE KNIFE 235mm11	13
BERLINER, percussion hammer	01	CONVERSE, fine wound retractor	69
BENDING PLIERS, Wire Holding forceps	150	COOLEY, multi purpose clamps	122
BERTILLON, Examination & Measuring Instruments	10	COTTLE, retractors	71
BIEMER, vein scissor	16	COTTLE, nasal scissor	25
BISHOP-HARMON, forceps	37	COTTLE, fine wound retractor	69
BIEMER, Suction Instruments	158	COTTLE, mallets	140
BLAKE, gall stone forceps	96	COLLIN, Examination & Measuring Instruments	10
BLUMENTHAL, bone rongeurs	144	COLLIN, Intestinal Grasping Forceps	46
BONNEY, tissue forceps	41	COLLIN, Retractors	73
BOSE, tracheal hooks	119	COLLIN-HARTMANN, Retractors	73
BOWLES, stethoscope	02	COTTLE, Forceps, Bayonet - Shaped	40
BOYS-ALLIS, artery traction forceps	47	COTTLE, Nasal Specula	91
BOZEMANN, dressing forceps	108	CRILE, Haemostatic Forceps	52
BOYNTON, Needle Holders	47	CRILE, Haemostatic Forceps	52
BRAUN, artery traction forceps	107	CRILE, Retractors	73
BRAUN, uterine probes	28	CUTTING PLIER, Wire Cutting Plier With T.C. Inserts	187
BRAUN-STADLER episiotomy scissor	31	CRAFOORD, haemostatic forceps	50
BRAUN-STADLER, bandage scissors	102	CRILE, needle holder	63
BRIESKY, vaginal specula	66	CUSCO, vaginal specula	101
BRODIE, probes	34	CUSHING, wound and vein retractor	71
BROPHY, dissecting forceps	04	CUSHING, dissecting forceps	34
BRUENINGS, tongue depressor	13	CUSHING-KOCHER, retractors	71
BRUNINGS, tonsil knife, 215mm	76	CZERNY, gall stone forceps	96
BRUNNER, retractors	126	CZERNY, retractors	72
BRUNNER, rib shears	31		



## Alphabetical Index

<b>D</b>		<b>F</b>	
DAVIDSON, scapula retractors	77	FARABEUF, Retractors	73
DAVIS, vascular spatulas	120	FEILCHENELD, splinter forceps	42
DANDY, Haemostatic Forceps	51	FERGUSSON, haemorrhoidal forceps	93
DE BAKEY, forceps	36	FERGUSSON, suction instrument	163
DE BAKEY, anastomosis clamps	89	FERGUSSON-ACKLAND, mouth gag	05
DE BAKEY, anastomosis clamps	125	FINOCHIETTO, forceps	58
DE BAKEY, arteriotomy scissor	22	FINOCHIETTO, rib spreader	127
DE BAKEY, vana cava clamps	123	FINSEN, tracheal hooks	119
DE BAKEY, multi purpose clamps	122	FIBER OPTIC, laryngoscopes	09
DE BAKEY, retractors	82	FINGER NAIL DRIL, Finger Nail Instruments	155
DE BAKEY, atraumata	121	FINGER RING SAW, Finger Nail Instruments	155
DEAN, nasal and tonsil scissor	25	FINSTERER, Suction Instruments	161
DEAVER, retractors	77	FLAT-NOSED PLIERS, Wire Holding forceps	150
DEAVER, surgical scissor (flat lock)	21	FOERSTER-BALLENGER, Tissue Grasping Forceps	45
DE-BAKEY, bulldog clamps	49	FORCEPS, Finger Nail Instruments	155
DEJERINE, percussion hammer	01	FOREGGER, laryngoscopes	09
DELICATE DISSECTING FORCEPS	33	FOMON, nasal scissor	19
DELICATE SCISSORS, blunt points	19	FORD-BOWLES, stethoscope	02
DELICATE SCISSORS, sharp points	18	FOWLER, tonsil knife	13
DELICATE SCISSORS, sharp points	19	FRANCKE, blood lancet	06
DENHARDT, mouth gag	05	FRAZIER, fine wound retractor	69
DENIS-BROWENE, intestinal forceps	41	FRAZIER, suction instruments	163
DERRA, multi purpose clamps	122	FREER, fine wound retractor	69
DESCHAMPS, ligature needles	65	FREER, vascular spatulas	120
DESJARDINS, gall duct forceps	95	FRENZEL, tongue depressor	04
DESJARDINS, gall stone forceps	96	FRICKE, haemostatic forceps	56
DESJARDINS, gall stone scoops	95	FRITSCH, retractor	79
DESMARRES, wound and vein retractors	71		
DEMEL, Cerclage Instruments	148	<b>G</b>	
DIAGNOSTIC SETS	07	GALLAHER, rasp	126
DICK, vaginal clamps and compression forceps	59	GELPI, special retractors	82
DIEFFEBACH, bulldog clamps	49	GELPI, vaginal retractors	105
DINGMANN, bone holding forceps	142	GERALD, dissecting forceps	34
DISSECTING KNIVES	11	GIERTZ-STILLE, rib shears	126
Dissection Instruments	164	GILL, tissue forceps	37
Dissection Instruments	165	GILL-HESS, tissue forceps	37
Dissection Instruments	166	GILLIES, fine wound retractor	69
DITTEL, metal bougies	80	GILLIES, needle holder	63
DOYEN, abdominal retractors	79	GLOVER, bulldog clamp	49
DOYEN, intestinal clamps	87	GLUCK, rib shears	126
DOYEN, ovum forceps	230	GOOD, tonsil scissors	25
DOYEN, probes	66	GORNEY, suction instruments	163
DOYEN, towel clamps	48	GOSSET, abdominal retractors	84
DOYEN, vaginal specula	104	GRAEFE, fine wound retractor	69
DUROGRIP, Wire Holding forceps	149	GRAVE, vaginal specula	102
DURROTIP, Cutting Pliers	152	GROSS, dressing forceps	43
DURROTIP, Cutting Pliers	153	GUEDEL-NEGUS, laryngoscope	08
DURROTIP, Wire Cutters Cutting Scissors	151	GUTHRIE, fine wound retractor	69
DUVAL-COLLIN, Intestinal Grasping Forceps	46	GUYON, kidney clamps	97
DUPLAY, sponge and dressing forceps	43	GERALD, Tissue Forceps	38
DUVAL, intestinal forceps	41	GILLIES, Tissue Forceps	38
		GOLDSMITH, Nasal Specula	91
<b>E</b>		GRAEFE, Tissue Forceps	39
EISELSBERD, needle holder	63	GRAEFE, Tissue Forceps	39
ELSCHING, forceps	37	GRUENWALD, Forceps, Bayonet - Shaped	40
ENGL.MOD, towel clamps	48		
EPPENDORF, biopsy forceps	115	<b>H</b>	
ESMARCH, cloth and plaster scissors	31	HALLE, vascular spatulas	120
EISELSBERG-MATHIEU, Needle Holders	64	HALSTED-MOSQUITO, haemostatic forceps	50
EXTRACTION PLIERS, Wire Holding forceps	150	HARTMANN, intestinal clamps	87



## Alphabetical Index

HARVEY, plate scissors	29	KELLY, tissue grasping forceps	44
HAJEK-KOFLER, Punches	130	KERN-LANE, bone holding forceps	143
HALSTED, Haemostatic Forceps	52	KERRISON-JACOBY, punches	129
HALSTED-MOSQUITO, Haemostatic Forceps	51	KERSTING, anastomosis forceps	89
HARTMANN, Ear Polypus Forceps	112	KELLY, Haemostatic Forceps	51
HARTMANN-HALLE, Nasal Specula	91	KERRISON, Punches	130
HARTMANN-HERZFELR, Ear Polypus Forceps	112	KILLIAN, bone shear	26
HARTMANN-HOFFMAR, Ear Polypus Forceps	112	KILLIAN, rectal spatula	90
HARTMANN-WULLSTEIN, Ear Polypus Forceps	112	KILNER, fine dissecting scissors	22
HARVEY, Wire Cutters Cutting Scissors	151	KILNER, fine wound retractor	69
HEANEY, needle holder	62	KILNER, dissecting scissor	22
HEGAR, needle holder	62	KILLIAN, Nasal Specula	90
HEGAR-OLSEN, needle holder	63	KIRSCHNER, Cutting Pliers	154
HEGER, uterine dilators	106	KIRSCHNER, Wire Extension	147
HEISS, haemostatic forceps	50	KOCHER, Haemostatic Forceps	52
HEISS, dressing forceps	58	KOCHER, Haemostatic Forceps	54
HEISTER, mouth gag	05	KOCHER-OCHSNER, Haemostatic Forceps	55
HENING, plaster spreader	157	KLIMA ROSEGGER, trocars	100
HERGET, biopsy forceps	113	KOCHER, retractor	71
HERTZLER, abdominal retractors	84	KOCHER, bladder retractors	99
HERTZLER, rib spreaders	127	KOCHER, bone retractor	74
HESS, tissue forceps	37	KOCHER, retractors	75
HEYMANN-KNIGHT, scissors	25	KOLLE, blood lancet	06
HEYWOOD-SMITH, ovum forceps	109	KONIG, elevators	135
HEYWOOD-SMITH, sponge holding forceps	44	KONIG, raspatories	137
HEYWOOD-SMITH, tongue forceps	05	KONISATION SMESSER, retractors	57
HOLLOW NEEDLE, Suction Instruments	159	KRAUSE, biopsy tip	115
HOUSE, Suction Instruments	161	KRISTELLER, vaginal specula	102
HUBER, biopsy forceps	115	KRISTELLER, vaginal specula	103
HUNT, tumor & vessel forceps	32	KRONECKER, suture instruments	65
HUNTER, splinter forceps	42	KRONLEIN, haemostatic forceps	56
		KUMMEL, intestinal spatula	80
<b>I</b>		<b>L</b>	
INGE, lamina spreaders	83	LABORDE, tracheal dilators	119
INTEROSSEOUS, cartilage knife	12	LAHEY, artery traction forceps	47
IVES-FANSLER, anoscopies	92	LAHEY, gall duct forceps	94
<b>J</b>		LANE TRETOWAN, bone levers	136
JACKSON BURROWS, retractors	82	LANE, bone holding forceps	143
JACOBSON, bone curettes	139	LANE, bone levers	136
JACOBSON, needle holder	61	LANE, tissue forceps	41
JAEGAR, fine wound retractor	69	LANE, towel clamps	48
JAMESON, dissecting scissor	22	LANGE-HOHMANN, bone levers	136
JAMESON, needle holder	62	LANGENBACK, bone levers	135
JANSEN, bone curettes	139	LANGENBECK, with triangle handle	70
JANSEN, bone rongeurs	144	LANGENBECK, flap knife	12
JOHNS-HOPKING, bulldog clamps	49	LARYNGEAL MIRRORS	06
JOLL (FRIEDMAN), retractors	82	LAWRENCE, ligature forceps	58
JOLL, vaginal retractors	105	LANDOLT, Suction Instruments	160
JONES, towel clamps	48	LANDOLT, Suction Instruments	161
JOSEPH, bone file	138	LANGENBECK, Ear Curettes	110
JOSEPH, dura and skin retractor	69	LEBSCHKE, rib shears	126
JOSEPH, raspatories	137	LEGUEU, bladder retractors	99
JUDD-MASSON, bladder retractors	99	LEKSELL-STILLE, bone rongeurs	145
JANSEN, FORCEPS, Bayonet - Shaped	40	LERICHE, intestinal spatula	80
		LEWIS, bone file	138
<b>K</b>		LISTER, bandage scissor	30
KADER, intestinal spatula	80	LISTER, cloth scissor	30
KALT, needle holder	61	LISTER, sponge forceps	43
KELLY, ovum forceps	109	LISTON, bone cutting forceps	146
KELLY, anoscopies	92		



## Alphabetical Index

LOCKHART-MUMMERY, probes	66	MULLER, dura and skin retractor	69
LOCKWOOD, Intestinal Grasping Forceps	46	MURPHY, head band	03
LUCAE, FORCEPS, Bayonet – Shaped	40	MUSEUX, tissue grasping forceps	47
LUER, Retractors	73	<b>N</b>	
LOCKLIN, delicate scissor	25	NASAL SCISSORS	25
LOPEZ-REINKE, suction instruments	163	NAUJOKS wire scissors	29
LOWER, gall duct forceps	94	NAIL SPLITTING, Finger Nail Instruments	155
LOWMAN, bone clamps	143	NEEDLE HOLDER, for micro surgery	48
LOWMAN-GERSTER, bone clamps	143	NEGUS, tonsil forceps	57
LOWMAN-HOGLUND, bone clamps	143	NELATON, probes	66
LUCAS, gouges	141	NELSON, lung dissecting forceps	41
LUER-KORTE, gall stone scoops	80	NISSEN, gall duct forceps	94
LURE, bone rongeurs	144	NOTO, ovum forceps	109
		NOTO, sponge holding forceps	44
<b>M</b>		NOVAK-SCHOECKAERT, biopsy curettes	111
MAGILL, laryngoscope	07	NOYES, micro spring scissor	15
MALTZ, rasps	138	<b>O</b>	
MANNERFELT, osteotomes	141	OLIVECRONA, dura scissors	24
MANNERFELT, retractors	70	OLIVECRONA, trigeminal knife	13
MARTIN, uterine probes	107	OTOSCOPE SETS	07
MARTINI, bone curettes	139	OTOSCOPE, Diagnostic Sets	07
MASING, retractors	71	<b>P</b>	
MASSON, needle holder	62	PARTSCH, raspatories	137
MASSON-LUETHY, needle holder	62	PARTSCH, gouges	141
MATHIEU, retractors	72	PARTSCH, raspatories	137
MAYO, dissecting scissors	23	PAYR, pylorus clamps	86
MAYO, uterine probes	107	PEAN, haemostatic forceps	57
MAYO-HARRINGTON, dissecting scissors	23	PEAN, haemostatic forceps	51
MAYO-NOBLE, dissecting scissors	23	PEAN, kidney clamps	97
MAYO-STILLE, dissecting scissors	23	PEDERSON, vaginal specula	102
MARTIN, Nasal Specula	90	PEET, splinter forceps	42
MATHIEU, Needle Holders	64	PELKMANN, uterine dressing forceps	108
MATHIEU-STILLE, Needle Holders	64	PERKINS, self retaining retractors	81
MC INDOE, forceps	34	PIERCE, trocars	100
MC KENTY, raspatories	137	PINARD, wooden stethoscope	02
MEAD, mallets	140	PLESTER, retractors	81
MC INDOE, Tissue Forceps	38	PLESTER, suction instruments	163
MCINTOSH, laryngoscopes	09	POOL, suction instruments	162
MEDIUM, Dissecting Forceps	35	POTTS-SMITH, cardiovascular scissor	24
MICRO-HALSTED, Haemostatic Forceps	51	PROBES	67
MILLIN, Needle Holders	64	PARKER, Retractors	73
MICHEL, laryngeal mirrors	06	PEAN, Haemostatic Forceps	52
MICRO SCISSORS, laterally angled	17	PEAN, Haemostatic Forceps	53
MICRO-ADSON, forceps	33	PEAN, Haemostatic Forceps	54
MICRO-ADSON, forceps	37	PENNINGTON, Tissue Grasping Forceps	45
MIDDELDORPF, retractors	75	PROVIDENCE-HOSPITAL, Haemostatic Forceps	51
MIKULICZ, tissue forceps	57	<b>Q</b>	
MIKULICZ, intestinal spatula	80	QUERVAIN, bone levers	113
MIKULICZ, retractors	78	<b>R</b>	
MILLER, laryngoscope	08	RABINER, neurological hammer	01
MILLIN, bladder retractors	99	RANDALL, biopsy curettes	111
MIXTER, ligature forceps	58	RANDALL, kidney stone forceps	98
MOD.USA, plaster spreader	127	RECAMIER, uterine scoops	116
MORRIS, anastomosis clamps	89	REYNOLDS, dissecting scissors	22
MOYNIHAN, haemostatic forceps	57	RICHTER, vaginal retractors	105
MOYO-HEGAR, needle holder	62	ROCHESTER-CARMALT, haemostatic forceps	57
MOD. WIEN, Nasal Specula	91	ROEDER, towel clamps	48
MOLTGEN, Examination & Measuring Instruments	10		
MULLAR, Wire Cutting Plier With T.C. Inserts	187		
MULLER LIGATURE FORCEPS	49		
MULLER VESSEL CLIPS	49		



## Alphabetical Index

ROUX, retractors	72
RUDD, haemorrhoidal ligator	93
RUMEL, dissecting forceps	58
RUSS-MODELL, tissue forceps	41
ROHRSCHEIDER, needle holder	61
ROLLET, dura and skin retractor	69
ROSER KONIG, mouth gag	05
RAMPLEY, Tissue Grasping Forceps	45
RANKIN, Haemostatic Forceps	52
REILL, Cutting Pliers	152
REPLACEMENT LAMP, laryngoscopes	09
ROCHESTER-OCHSNER, Haemostatic Forceps	54
ROCHESTER-PEAN, Haemostatic Forceps	53
ROSE, Retractors	73
ROUND PLIERS, Wire Holding forceps	150

### S

SAENGER, ovum forceps	118
SAMII, tumor grasping forceps	32
SATINSKY, vena cava scissors	24
SAUPE, cilia forceps	42
SCALPEL HANDLES	14
SCHAAF, cilia forceps	42
SCHAEDEL, towel clamps	48
SCHEINMANN, biopsy forceps	115
SCHIMMELBUSCH, ether mask	05
SCHMID, vascular spatulas	120
SCHOEMAKER-LOTH, needle holder	63
SCHOENBORN, retractors	71
SCHRODER, uterine scoops	116
SCHUMACHER, rib shears	126
SCHUMACHER, umbilical scissors	28
SCHUMASHER, biopsy forceps	114
SCOVILLE-RICHTER, retractors	67
SEGOND, myomatome	13
SEIDL, vaginal specula	102
SEIDL-DBP, biopsy forceps	114
SELLORS, rib spreaders	128
SEMKEN, dissecting forceps	34
SEMKEN, tissue forceps	37
SENN-MILLER, Retractors	73
SEUTIN, plaster scissor	31
SHAPLEIGH, Ear Curettes	110
SIMON, uterine scoops	116
SIMPLEX, tongue depressor	04
SIMPSON, uterine probes	107
SIMPSON-BRAUN, obstetrics forceps	117
SIMS, gynaecology scissors	27
SIMS, vaginal specula	102
SIMS, rectal specula	90
SIMS, uterine probes	107
SMOOTH JAWS FORCEPS	34
ST.MARTIN, tissue forceps	37
STEMBERG, tongue depressor	04
STIEGLITZ, splinter forceps	42
STILLE, bone rongeurs	145
STILLE-AESCLAP, plaster shears	156
STILLE-RUSKIN, bone rongeurs	145
STRACK, wire scissor	29
STRASSBURGER Tissue forceps	41
STANDARD, Dissecting Forceps	35
STANDARD, Tissue Forceps	39

STERBERG, Retractors	
STRULLY, cardiovascular scissors (pointed)	24
SUCTION INSTRUMENTS	162
SURGICAL SCISSORS, incision	21
SURGICAL SCISSORS, serrated	20
SURGICAL SCISSORS, slender type	20
SURGICAL SCISSORS, standard	20
SURGICAL SCISSORS, standard	20
SUTURING INSTRUMENT SET	68
SYSTRUNK, nail splitting scissors	21
SPENCER-WELLS, Haemostatic Forceps	
SYSTRUNK, Finger Nail Instruments	

### T

TAKAHASHI, rongeur	112
TAYLOR, percussion hammer	01
TAKAHASHI, Rongeurs	132
THOREK, cardiovascular scissors	24
THORPE, corneal forceps	33
TIECK-HALLE, Nasal Specula	90
TOENNIS, Wire Cutting Plier With T.C. Inserts	187
TOWNLEY, Examination & Measuring Instruments	10
TOBOLD, tongue depressors	04
TOENNIS ADSON, dissecting scissors	22
TOENNIS, dissecting scissors	22
TOENNIS, fine wound retractor	69
TOENNIS, vascular spatulas	120
TOENNIS, needle holder	63
TRELAT, raspatories	137
TRIGEMINAL KNIFE	13
TROCARS	100
TROEMNER, percussion hammer	01
TROUSSEAU, tracheal dilators	119
TROCAR, Suction Instruments	159
TROELTSCH, FORCEPS, Bayonet - Shaped	40
TUFFIER, rib spreaders	127
TUTTLE, lung dissecting forceps	41

### U

UMBILICAL CORD SCISSORS	28
UNIVERSAL BANDAGE SCISSORS	30
UNIVERSAL TROCARS	100
US-ARMY, retractors	72

### V

VANNAS, micro spring scissors	15
VERNIER, Examination & Measuring Instruments	10
WISE GRIP, Wire Holding forceps	150
VOLKMANN, bone curettes	139
VOLKMANN, bone retractors	74



## Alphabetical Index

### W

WANGENSTEEN, needle holder	62
WARTENMERG, pinwheel	01
WAGNER, Rongeurs	134
WAUGH, Tissue Forceps	38
WEBER, anastomosis clamps	124
WECKER, eye scissors	15
WEIL-BLAKESLEY, rongeurs	112
WEITLANER, self retaining retractors	81
WERTHEIM, gynaecology scissors	27
WERTHEIM, clamps and forceps	59
WERTHEIM-CULLEN, vaginal clamps	60
WIEDER, tongue depressor	04
WEIL-BLAKESLEY, Rongeurs	132
WILLIGER, bone curettes	139
WILLIGER, elevators	135
WILLIGER, raspatories	137
WINTER, ovum forceps	118
WILDE, Forceps, Bayonet – Shaped	40
WOLFF, plaster breakers	157
WULLSTEIN, retractors	81
WULLSTEIN, Suction Instruments	160

### Y

YASARGIL, needle holder	61
YASARGIL, tumor grasping forceps	32
YASARGIL-SAMII, tumor grasping forceps	32
YASARGIL, Suction Instruments	160
YASARGIL, Suction Instruments	161
YASRGIL, micro scissors	17
YEOMAN, biopsy forceps	113
YOUNG, tongue forceps	05
YOUNG– HRYNTSCHAK, Needle Holders	64
YOUNG-MILLIN, Needle Holders	64

### Z

ZENKER, ligature	58
ZENKER, retractors	77
ZIEGLER, head band	03
ZIEGLER, head mirror	03



📍 Ahmed Pura,  
Khan Mehal Road,  
Near Masjid Iqbal,  
Sialkot City,  
51310 - Pakistan.

# AHMED STAR INSTRUMENTE

Manufacturer of Surgical instruments &  
Dental instruments & medical equipments

☎ : +92 - 300 - 610 1008

☎ : +92 - 333 - 999 2525

📷 : ahmed\_star\_instrumente

✉ : info@ahmedstar.com

✉ : ahmedstarinstrumente@gmail.com

🌐 [www.ahmedstar.com](http://www.ahmedstar.com)