





STIMULATE YOUR SENSES

At RZ Medizintechnik, patient health drives everything we do. Our mission is to support surgeons with innovative solutions that enable advanced, minimally invasive and tissue-preserving procedures. As a family-owned medical technology company with over 30 years of experience, we combine hands-on expertise with a strong focus on continuous innovation.

This is reflected in our portfolio: EESy instrumentation for endoscopic ear surgery, FINESS instruments designed for maximum precision in microsurgical ear procedures, and OSTRa – our mouth gag system for transoral robotic surgery.

Each solution is developed to meet the evolving demands of modern surgery – enhancing precision, improving usability, and supporting better patient outcomes. “Progress in Surgery” is more than a guiding principle. It’s what we deliver every day – for surgeons and their patients.



DEDICATED TO QUALITY

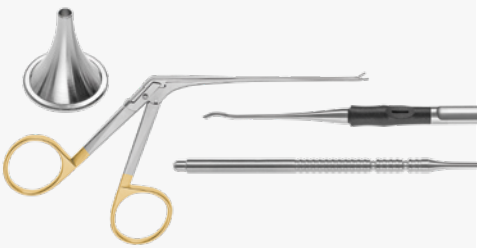
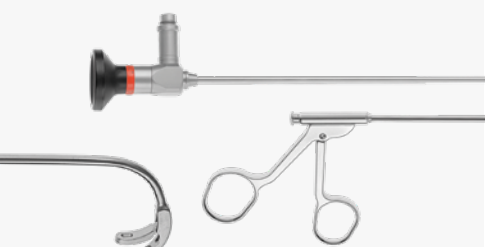
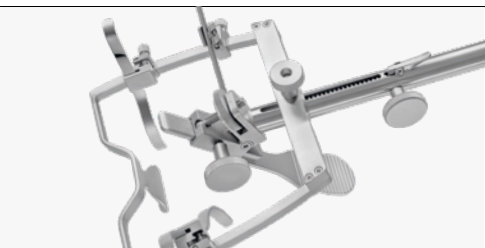
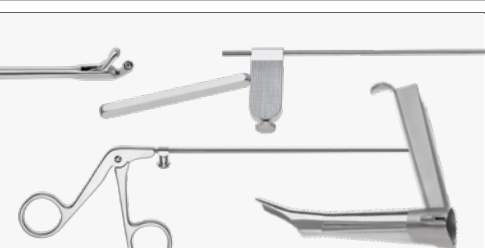
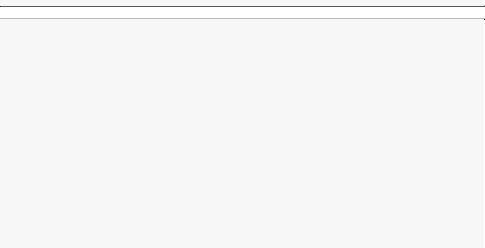
The quality of our products is the result of careful craftsmanship and advanced manufacturing. Each instrument is produced locally by experienced surgical instrument makers, combining expertise, precision, and state-of-the-art technology.

The result is long-lasting durability, reliable performance, and cost-effective use over time — along with a high level of safety for both patients and users in daily clinical practice.

All RZ Medizintechnik products are developed and manufactured in accordance with MDR requirements and FDA standards, meeting international expectations for safety, quality, and performance.



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OTOLOGY





Otoscope, 100mm working length, Ø 1.9mm

0° 410-019-100

30° 410-019-130

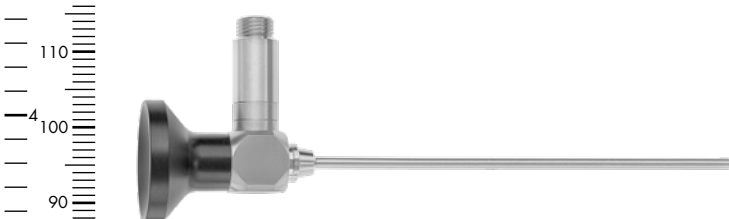


Otoscope, 75mm working length, Ø 2.7mm

0° 410-027-000

30° 410-027-030

70° 410-027-070



Otoscope, 110mm working length, Ø 2.7mm

0° 410-027-100

30° 410-027-130



Otoscope, 50mm working length, Ø 4.0mm

0° 410-004-000

30° 410-004-030

LED PORTABLE LIGHT SOURCE

- Intensive Lightning (max. 1000 lumen)
- 4 adjustable brightness levels
- Water resistant (IPX8)
- Magnetic USB charger included
- Long lifetime battery



LED Portable Lightsource with
USB charger, 1700 mAh

300-001-183



OP Headlight, black head band,
super light-weight, leather padded FO cable
bifurcated, top headbandg

100-102-100



Head Light with light cable for use with all
common light sources,
with leather pad at silicone band

100-103-100



LED Head light with Li-Ion battery,
head band with stepless regulation wheel,
including charger

100-103-400



Flexible Arm, complete with holding rod,
without rotating clamp

A 251-010-000

Rotating clamp for flexible tension arm
attachable to operating table

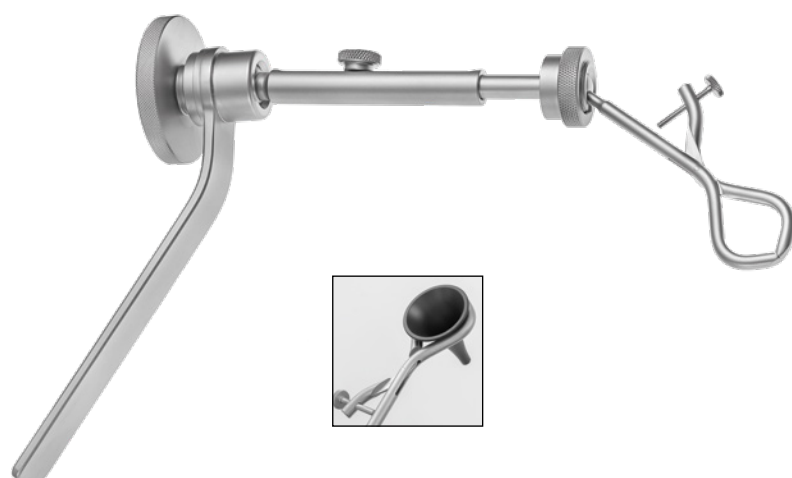
B 251-010-100

Aural Specula Holder for flexible arm

C 251-010-200

Endoscope Clamp for flexible arm

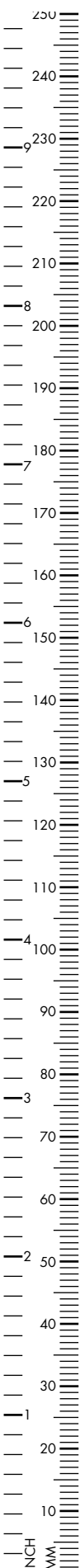
D 251-010-300



SHEA

Ear Speculum Holder

410-900-000

**POLITZER**

Aural Speculum, round, straight, 27mm length, stainless steel, for children

inner Ø 2.0mm	410-009-003
inner Ø 3.0mm	410-009-004
inner Ø 4.0mm	410-009-005
inner Ø 5.0mm	410-009-006

HARTMANN

Aural Speculum, round, straight, 27mm length, for children

inner Ø 3.0mm	410-019-003
inner Ø 4.0mm	410-019-004
inner Ø 5.0mm	410-019-005

TOYNBEE

Ear Speculum, stainless steel, round, straight, 36mm

inner Ø 3mm	410-014-004
inner Ø 4mm	410-014-005
inner Ø 5mm	410-014-006
inner Ø 6.5mm	410-014-007

HARTMANN

Aural Speculum, round, straight, 36mm length, for adults

outer Ø 3.0mm	410-019-030
outer Ø 4.0mm	410-019-040
outer Ø 5.0mm	410-019-050
outer Ø 6.0mm	410-019-060
outer Ø 7.5mm	410-019-075

**BOUCHERON**

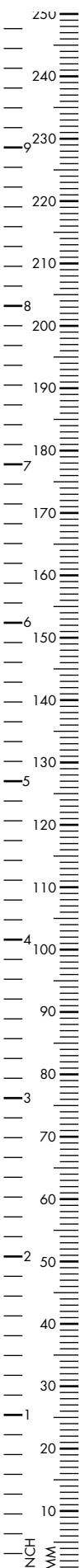
Ear Speculum, round, straight

30mm inner Ø 3.0mm	410-018-004
32mm inner Ø 3.5mm	410-018-005
34mm inner Ø 4.5mm	410-018-006
35mm inner Ø 5.1mm	410-018-007
35mm inner Ø 5.5mm	410-018-008
35mm inner Ø 6.5mm	410-018-009
36mm inner Ø 7.5mm	410-018-010
37mm inner Ø 9.0mm	410-018-085

**FARRIOR**

Aural Speculum, round, 43mm length, straight, stainless steel

inner Ø 3.3mm outer Ø 4.1mm	410-022-001
inner Ø 4.3mm outer Ø 5.1mm	410-022-002
inner Ø 4.8mm outer Ø 5.6mm	410-022-003
inner Ø 5.3mm outer Ø 6.1mm	410-022-004
inner Ø 5.8mm outer Ø 6.6mm	410-022-005
inner Ø 6.3mm outer Ø 7.1mm	410-022-006
inner Ø 6.7mm outer Ø 7.5mm	410-022-007
inner Ø 7.2mm outer Ø 8.0mm	410-022-008
inner Ø 7.7mm outer Ø 8.5mm	410-022-009

**FARRIOR**

Aural Speculum, round, 43mm length, straight, stainless steel, black finish

inner Ø 3.3mm	410-022-501	inner Ø 6.3mm	410-022-506
outer Ø 4.1mm		outer Ø 7.1mm	
inner Ø 4.3mm	410-022-502	inner Ø 6.7mm	410-022-507
outer Ø 5.1mm		outer Ø 7.5mm	
inner Ø 4.8mm	410-022-503	inner Ø 7.2mm	410-022-508
outer Ø 5.6mm		outer Ø 8.0mm	
inner Ø 5.3mm	410-022-504	inner Ø 7.7mm	410-022-509
outer Ø 6.1mm		outer Ø 8.5mm	
inner Ø 5.8mm	410-022-505		
outer Ø 6.6mm			

FARRIOR

Aural Speculum, round, straight end, black finish

Ø 5.5mm	410-024-001
Ø 6.5mm	410-024-002
Ø 7.5mm	410-024-003
Ø 8.5mm	410-024-004
Ø 9.5mm	410-024-005
Ø 10.5mm	410-024-006
Ø 11.5mm	410-024-007

FARRIOR

Oval, 20° oblique end, 43mm, stainless steel

inner Ø 3.0x4.0mm	410-023-001		
outer Ø 3.8x4.8mm			
inner Ø 4.0x5.0mm	410-023-002	inner Ø 6.0x7.0mm	410-023-006
outer Ø 4.8x5.8mm		outer Ø 6.8x7.8mm	
inner Ø 4.5x5.5mm	410-023-003	inner Ø 6.5x7.5mm	410-023-007
outer Ø 5.3x6.3mm		outer Ø 7.3x8.3mm	
inner Ø 4.0x6.0mm	410-023-004	inner Ø 7.0x8.0mm	410-023-008
outer Ø 5.8x6.8mm		outer Ø 7.8x8.8mm	
inner Ø 5.5x6.5mm	410-023-005	inner Ø 7.5x8.5mm	410-023-009
outer Ø 6.3x7.3mm		outer Ø 8.3x9.3mm	



Oval, 20° oblique end, 43mm,
black finish

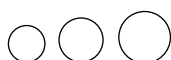
inner Ø 3.0x4.0mm outer Ø 3.8x4.8mm	410-023-501
inner Ø 4.0x5.0mm outer Ø 4.8x5.8mm	410-023-502
inner Ø 4.5x5.5mm outer Ø 5.3x6.3mm	410-023-503
inner Ø 5.0x6.0mm outer Ø 5.8x6.3mm	410-023-504
inner Ø 5.5x6.5mm outer Ø 6.3x7.3mm	410-023-505
inner Ø 6.0x7.0mm outer Ø 6.8x7.8mm	410-023-506
inner Ø 6.5x7.5mm outer Ø 7.3x8.3mm	410-023-507
inner Ø 7.0x8.0mm outer Ø 7.8x8.8mm	410-023-508
inner Ø 7.5x8.5mm outer Ø 8.3x9.3mm	410-023-509



ZOELLNER

Oval, 20°, straight, 38mm, black finish

inner Ø 4.5x5.5mm outer Ø 5.5x6.5mm	410-132-001
inner Ø 5.5x6.5mm outer Ø 6.5x7.5mm	410-132-002
inner Ø 6.5x7.5mm outer Ø 7.5x8.5mm	410-132-003
inner Ø 7.5x8.5mm outer Ø 8.5x9.5mm	410-132-004
inner Ø 8.5x9.5mm outer Ø 9.5x10.5mm	410-132-005
inner Ø 9.5x10.5mm outer Ø 10.5x11.5mm	410-132-006



HOLMGREN

Self retaining, black finish

inner Ø 4mm outer Ø 5mm	410-032-050
inner Ø 5mm outer Ø 6mm	410-032-060
inner Ø 6mm outer Ø 7mm	410-032-070

**SCHWABER**Specula with hinge, 165mm, 6¹/₂"

30mm blades 170-786-030

50mm blades 170-786-050



Rack for 12 ear specula

111 x 83 x 37 mm 410-012-110

**BRUENINGS**Aural magnifier, anastigmatic, complete with:
1 diagnostic head 410-150-007, 1 operating
head, 6 ear specula, 1 rubber tube and
connection cone 410-150-008

Set of 6 sizes

Ø 5.3mm 410-150-100

Ø 6.5mm

Ø 7.5mm

Ø 8.0mm

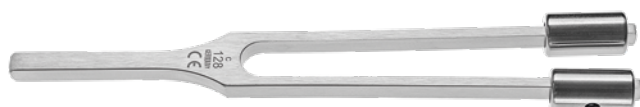
Ø 9.0mm

Ø 12.0mm

**HARTMANN**

Tuning Fork

c 128	410-185-010
c2 512	410-185-210
c4 2048	410-185-410
c1 256	410-185-110
c3 1024	410-185-310
c5 4096	410-185-510

**HARTMANN**

Tuning Fork, with clamps

c 128	410-195-010
c1 256	410-195-110

**LUCAE**

Tuning Fork, with platform

c2 512	410-174-512
c3 1024	410-174-102



Tuning Fork, with platform

a1 440	410-190-440
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Aural Syringe, 10ml, all metal chromium plated, Luer-Lock attachment, consisting of:

Syringe, valve attachment, metal sinker, protection shield	410-800-100
Plastic tube, 600 mm outside 5mm, inside 2mm	410-800-020
Set with 4 tips	410-800-050
Complete set	410-800-000
Protection Shield	410-800-040
Metal Sinker	410-800-030
Valve Attachment	410-800-010



Ear Syringe, all metal, with conical and bulbous pipe

50ml	410-797-050
75ml	410-797-075
125ml	410-797-125

**HARTMANN**

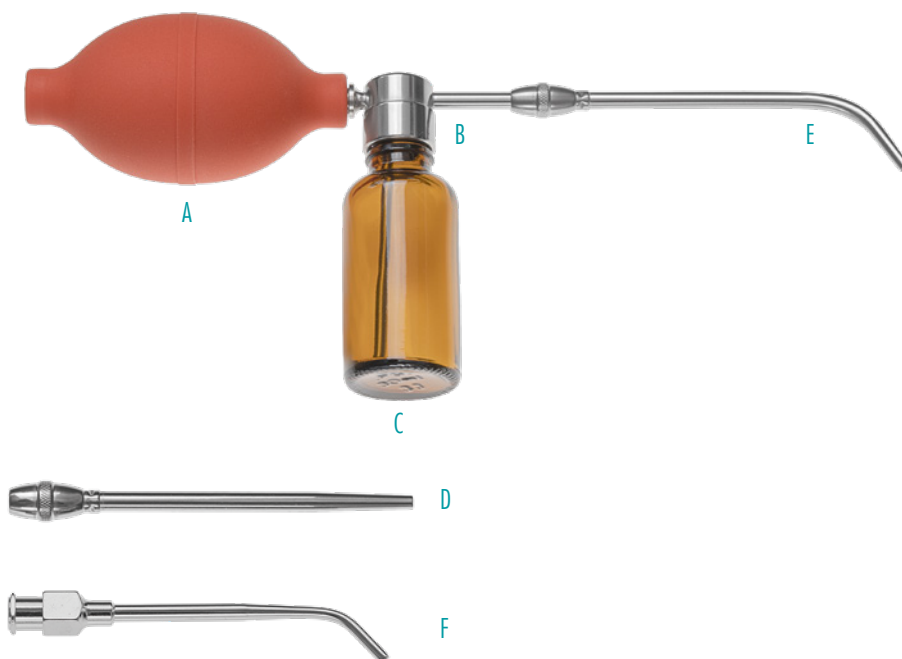
Eustachian Catheter

Ø 2.0mm	410-276-072
Ø 2.5mm	410-276-074
Ø 3.0mm	410-276-076
Ø 3.5mm	410-276-078
Ø 4.0mm	410-276-080

**WILLIAMS**

Eustachian Catheter

410-276-020

Atomizer, complete with 3 metal tips
and rubber bulb

410-205-000

Rubber bulb

A 410-205-100

Metal mounting

B 410-205-200

Spare bottle, 30ccm

C 410-205-300

Aural Cannula, straight tip, 100mm, 4"

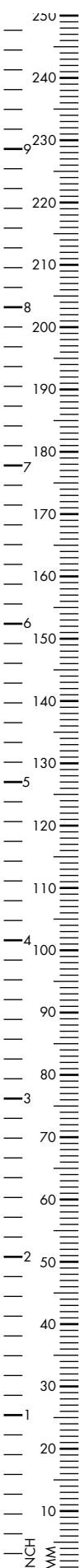
D 410-205-001

Aural Cannula, curved tip, 125mm, 5"

E 410-205-002

Flushing Needle

F 410-797-200

**STACKE**

Aural Probe, ring handle
 $\varnothing$ 0.8mm

100mm, 5 $\frac{1}{2}$ "

160-131-105

BOWMAN

Lacrimal Probe, buttoned up

0000/000 400-497-008

00/0 400-497-003

0/1 400-497-001

1/2 400-497-012

2/3 400-497-023

3/4 400-497-034

4/5 400-497-045

5/6 400-497-056

6/7 400-497-067

7/8 400-497-078

PICCOLO

Applicator, slender, round
 $\varnothing$ 0.7mm

110mm, 4 $\frac{1}{2}$ "

160-420-110

FARRELL

Applicator, round serrated end
 $\varnothing$ 0.9mm

140mm, 5 $\frac{1}{2}$ "

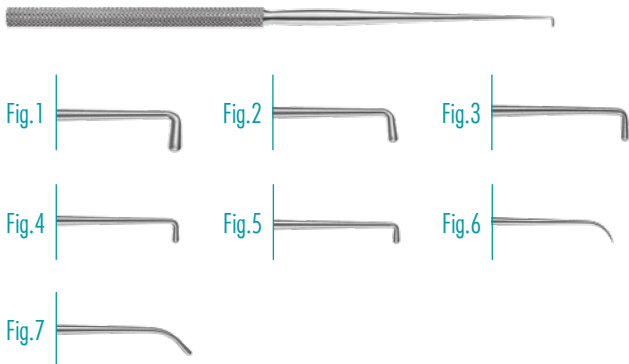
160-422-140

**JOBSON-HORNE**

Aural Probe, double-ended,
smooth ring and serrated end

180mm, 7"

160-255-180

**WAGENER**

Hooklet, probe-ended, 140mm, 5^{1/2}"

Fig. 1	410-585-001
Fig. 2	410-585-002
Fig. 3	410-585-003
Fig. 4	410-585-004
Fig. 5	410-585-005
Fig. 6	410-585-006
Fig. 7	410-585-007

**DAY**

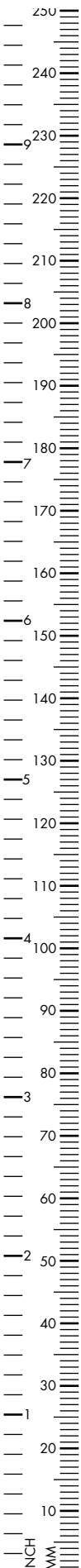
Ear Hook, 160mm, 6^{1/4}"

Fig. 1	410-584-001
Fig. 2	410-584-002

**LUCAE**

Ear Hook, probe-ended, 140mm, 5^{1/2}"

Fig. 1	410-586-141
Fig. 2	410-586-142
Fig. 3	410-586-143

**ZAUFAL-JANSEN**

Aural hook, probe ended, 45° angled

150mm, 6"

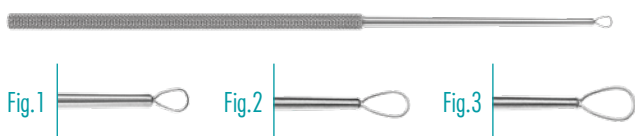
410-583-150

**ZAUFAL**

Ear Leaver

160mm, 6 1/4"

410-583-145

**BILLEAU**

Aural Loop, straight, 160mm, 6 1/4"

Fig. 1 410-580-001

Fig. 2 410-580-002

Fig. 3 410-580-003

**SNELLEN (WEBER-LOCH)**

Aural Loop, curved, serrated, 160mm, 6 1/4"

Fig. 1 410-580-161

Fig. 2 410-580-162

Fig. 3 410-580-163

**LANGENBECK**

Aural loop, blunt, slightly curved

130mm, 5^{1/8}"

410-580-130

**BUCK**

Aural Curette, 150mm, 6"

straight, blunt

Fig. 000, Ø 0.7mm 410-100-300

Fig. 00, Ø 1.2mm 410-100-000

Fig. 0, Ø 1.5mm 410-100-001

Fig. 1, Ø 2.0mm 410-100-002

Fig. 2, Ø 2.4mm 410-100-003

Fig. 3, Ø 2.7mm 410-100-004

straight, sharp

Fig. 000, Ø 0.7mm 410-101-300

Fig. 00, Ø 1.2mm 410-101-000

Fig. 0, Ø 1.5mm 410-101-001

Fig. 1, Ø 2.0mm 410-101-002

Fig. 2, Ø 2.4mm 410-101-003

Fig. 3, Ø 2.7mm 410-101-004

curved, blunt

Fig. 000, Ø 0.7mm 410-102-300

Fig. 00, Ø 1.2mm 410-102-000

Fig. 0, Ø 1.5mm 410-102-001

Fig. 1, Ø 2.0mm 410-102-002

Fig. 2, Ø 2.4mm 410-102-003

Fig. 3, Ø 2.7mm 410-102-004

curved, sharp

Fig. 000, Ø 0.7mm 410-103-300

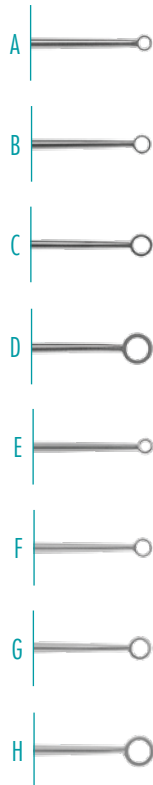
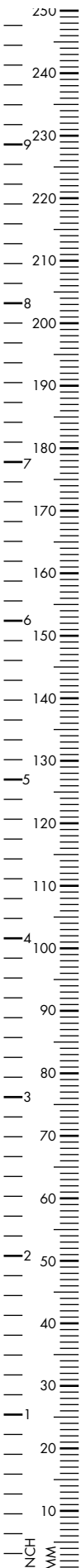
Fig. 00, Ø 1.2mm 410-103-000

Fig. 0, Ø 1.5mm 410-103-001

Fig. 1, Ø 2.0mm 410-103-002

Fig. 2, Ø 2.4mm 410-103-003

Fig. 3, Ø 2.7mm 410-103-004

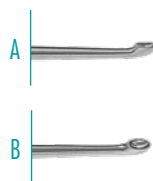


Ear Curette, angled shaft, blunt, 140mm, 5¹/₂" straight ring

A Fig. 0	410-105-000
B Fig. 1	410-105-001
C Fig. 2	410-105-002
D Fig. 3	410-105-003

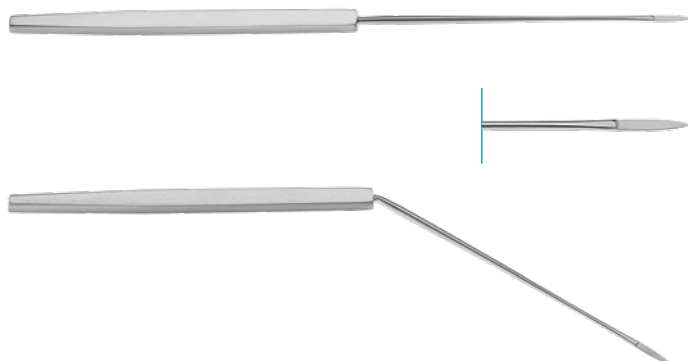
35° upwards angled

E Fig. 0	410-105-350
F Fig. 1	410-105-351
G Fig. 2	410-105-352
H Fig. 3	410-105-353



Ear Canal Curette, sharp, 170mm, 6²/₃"

A Fig. 1, 1.8mm	410-108-001
B Fig. 2, 2.1mm	410-108-002

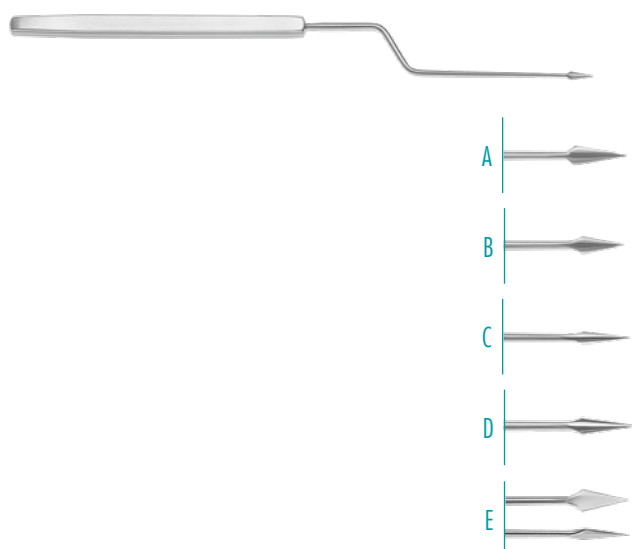
**POLITZER**

Ear Knife, straight

160mm, 6 ^{1/4} "	410-034-160
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curved

160mm, 6 ^{1/4} "	410-035-160
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**LUCAE**Tympanum Perforator, bayonet shape,
for children, 180mm, 7"

A 1.5 x 3mm	410-031-180
-------------	-------------

for adults, 190mm, 7^{1/2}"

B 2.0mm	410-032-180
---------	-------------

C 1.8mm	410-032-182
---------	-------------

D 1.5mm	410-032-181
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for adults, horizontal shape

E	410-033-180
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**POLITZER**Tympanum Perforator, knee bent,
160mm working length

vertical	410-032-160
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horizontal	410-033-160
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**LUCAE**

Aural Dressing Forceps, bayonet shaped

140mm, 5¹/₂"

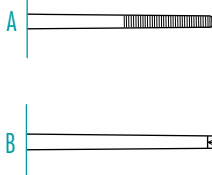
410-391-140

**TROELTSCH**

Aural Dressing Forceps, delicate, small, serrated, 45mm working length

100mm, 4¹/₃"

410-375-100

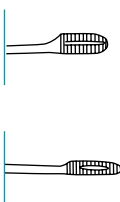
**WILDE-TROELTSCH**Aural Dressing Forceps, 120mm, 4³/₄"

A serrated

410-375-120

B 1 x 2 teeth

410-377-120

**HARTMANN**

Aural Tampon Forceps, strong pattern

120mm, 4³/₄"

410-230-140

delicate pattern

135mm, 5¹/₃"

410-230-120

**HARTMANN**

Ear Forceps, straight,
80mm working length

1.0 x 8.0mm	410-210-085
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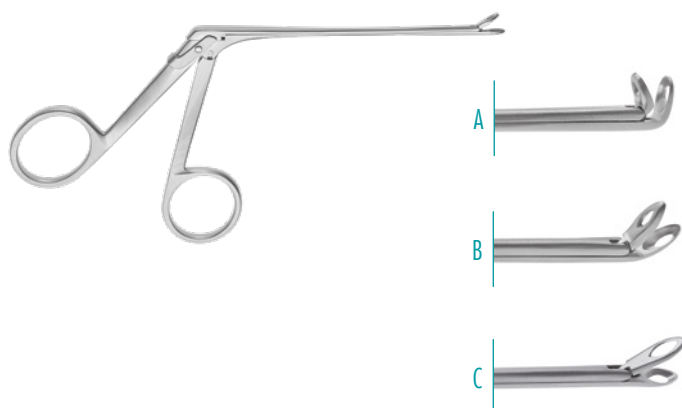
125mm working length	
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1.0 x 4.5mm	410-210-125
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**DUCKBILL**

Ear Forceps, 80mm working length, straight

8mm, serrated	410-338-139
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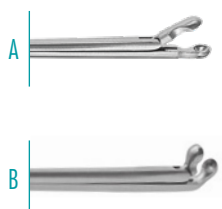
**STRUEMPEL**

Ear Forceps, 80mm working length

A 2.5 x 6.0mm, 90° upwards	410-338-132
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B 2.5 x 6.0mm, 45° upwards	410-338-133
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C 2.5 x 7.0mm, straight	410-338-134
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**HARTMANN-HERZFELD**

Ear Forceps, 80mm working length,

A straight

1.0mm spoon 410-338-131

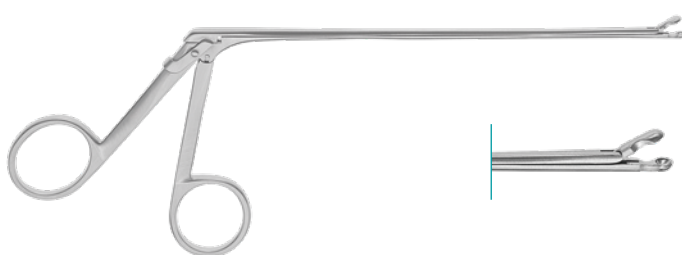
2.0mm spoon 410-338-135

2.5mm spoon 410-338-136

3.0mm spoon 410-338-140

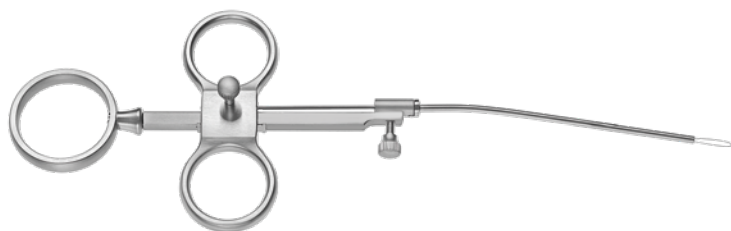
B curved upwards

2.0mm spoon 410-338-142

**HARTMANN-HERZFELD**

Ear Forceps, 125mm working length

2.0mm spoon 410-338-125

**KRAUSE**

Ear Polypus Snare

165mm, 6¹/₂"

410-410-160

**KRAUSE**

Aural Snare Wire, package of 100 pcs.

Ø 0.2mm

410-411-100

**MUCK**

Periosteal Knife

150mm, 6"

210-394-150

**OBWEGESER**Periosteal Elevator, 175mm, 6⁷/₈"

6mm

431-630-006

7mm

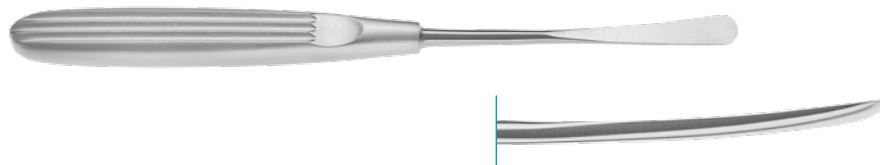
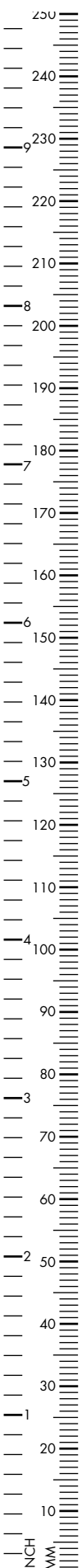
431-630-007

9mm

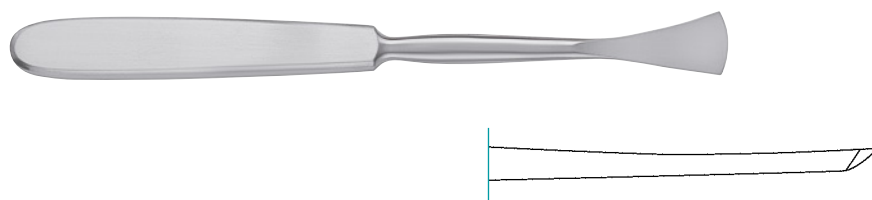
431-630-009

11mm

431-630-011

**JANSEN**Raspatory, 195mm, 7²/₃"

9mm	431-629-009
11mm	431-629-011
14mm	431-629-014
16mm	431-629-016

**LANGENBECK**

Raspatory, 16mm, hollow handle

190mm, 7 ¹ / ₂ "	210-303-190
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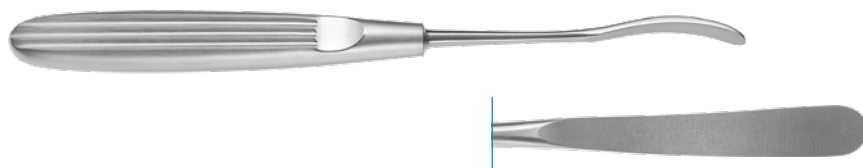
**KRAEMER**

Raspatory, 10mm, round blade

185mm, 7 ¹ / ₄ "	210-313-185
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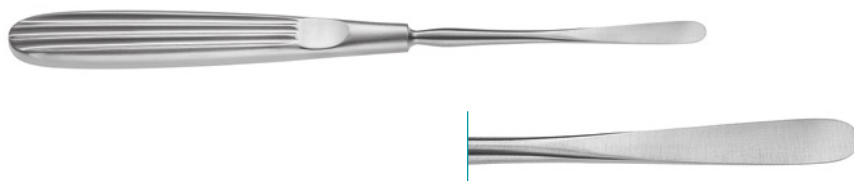
**OBWEGESER**Periosteal Elevator, curved, 175mm, 6^{7/8}"

7mm	431-630-007
9mm	431-630-009
11mm	431-630-011

**EICKEN**

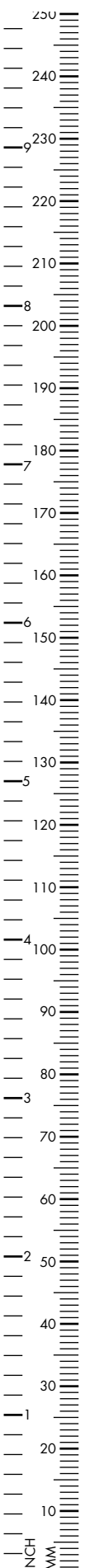
Periosteal Elevator

195mm, 7 ^{2/3} "	431-636-195
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**ERLANGEN**

Raspatory, 6mm wide, slightly curved

175mm, 6 ^{7/8} "	420-547-006
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**FARABEUF**

Periosteal Elevator, 11mm, curved

180mm, 7"

210-311-180

**WILLIGER**

Raspatory, 4mm

130mm, 5¹/₈"

210-434-130

160mm, 6¹/₄"

5mm

210-436-160

7mm

210-438-160

**TRAUTMANN**Gouge, 140mm, 5¹/₂"

3mm

210-113-143

5mm

210-113-145

7mm

210-113-147

9mm

210-113-149

**TRAUTMANN**Chisel, 140mm, 5¹/₂"

3mm

210-114-143

5mm

210-114-145

7mm

210-114-147

9mm

210-114-149

**COTTLE**

Mallet, Ø 30mm, 1 side plain, 1 side convex
240g

190mm, 7^{1/2}"

210-240-180

**LUCAE**

Mallet, Ø 19mm
190mm, 7^{1/2}"

80g

210-230-190

140g

210-231-190

**COLLIN (LUCAE)**

Mallet, Ø 30mm
220g

200mm, 8"

210-220-200



Mallet, Ø 35mm, synthetic

240mm, 9 1/2"

210-260-150



Mallet, anodized aluminium handle and head,
Ø 32mm

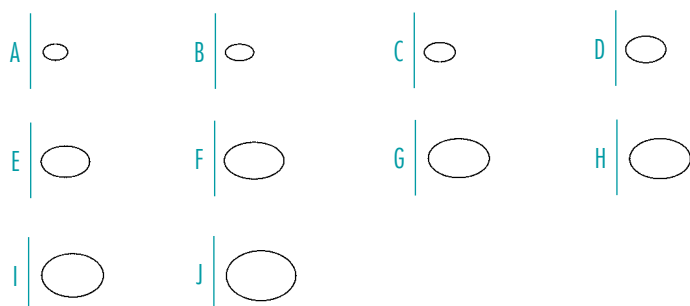
140g

225mm, 8 7/8"

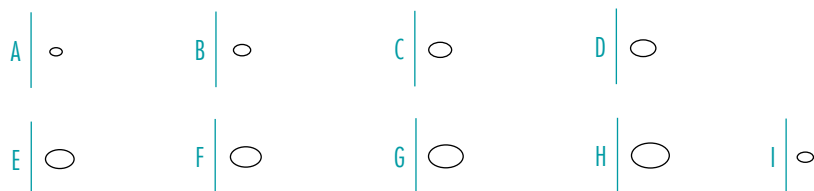
210-264-220

Spare Discs, pair

210-264-221

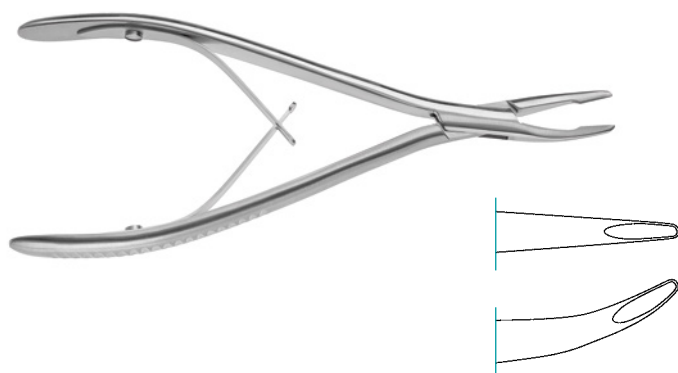
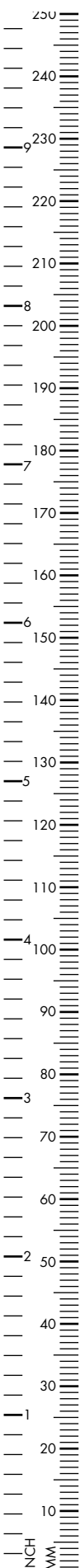
**SPRATT**Bone Curette, oval, 170mm, 6²/₃"

A	#0000, 2.5mm	210-308-008
B	#000, 3.0mm	210-308-000
C	#00, 4.0mm	210-308-001
D	#0, 4.5mm	210-308-002
E	#1, 5.0mm	210-308-003
F	#2, 6.0mm	210-308-004
G	#3, 7.0mm	210-308-005
H	#4, 8.0mm	210-308-006
I	#5, 9.6mm	210-308-007
J	#6 11.5mm	210-308-009

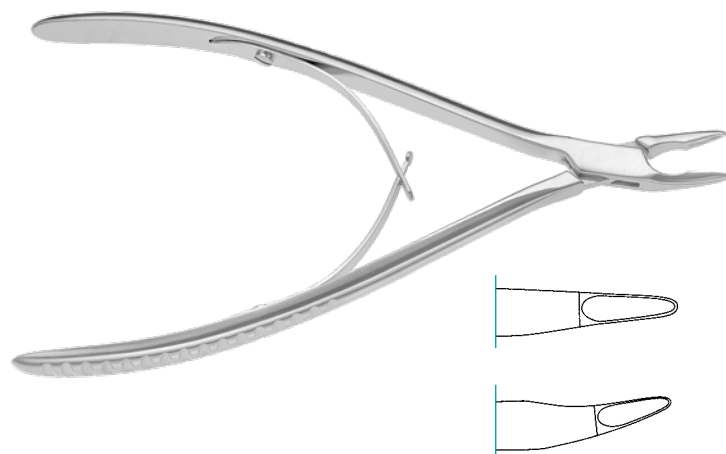
**LEMPERT**

Bone Curette, 200mm, 8"

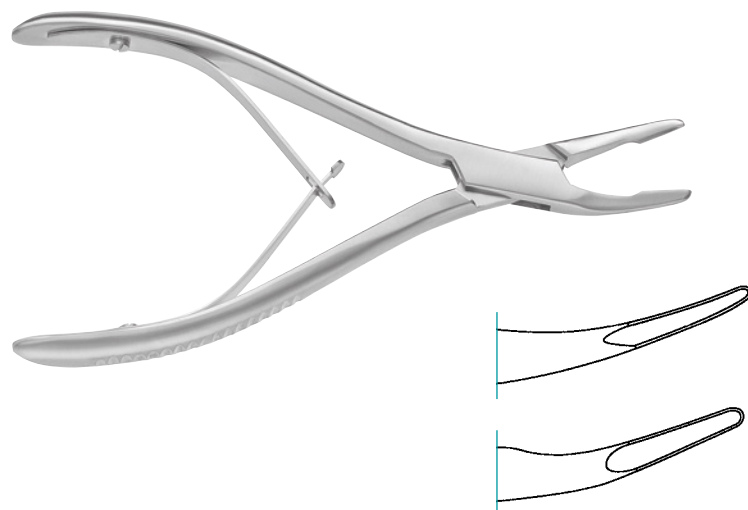
A	#000000, 1mm	210-348-600
B	#00000, 1.5mm	210-348-500
C	#0000, 2.0mm	210-348-400
D	#000, 2.2mm	210-348-300
E	#00, 2.5mm	210-348-200
F	#0, 2.7mm	210-348-100
G	#1, 3.0mm	210-348-010
H	#2, 3.3mm	210-348-002
I	#1, 1.8mm	210-348-001

**LEMPERT**Bone Rongeur, 160mm, 6¹/₄"

straight	210-770-160
curved	210-771-160

**LEMPERT**Bone Rongeur, heavy pattern, 190mm, 7¹/₂"

straight	210-770-190
curved	210-771-190

**BEYER**

Bone Rongeur, 3x16mm, 180mm, 7"

curved	210-830-180
strongly curved	210-831-180

**KERRISON**

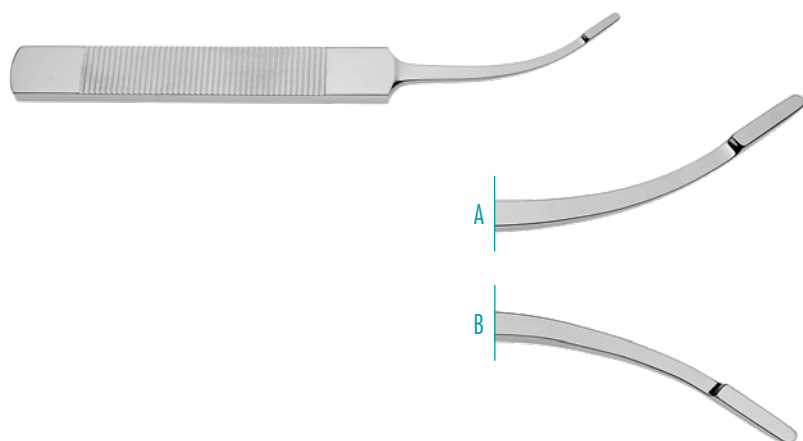
Bone Punch, 90mm working length

3.0 x 9.0mm bite	410-245-000
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85mm working length

4.0mm jaw	410-245-001
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5.0mm jaw	410-245-002
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**STENSTROM**

Ear Scraper, 160mm, 6 1/4"

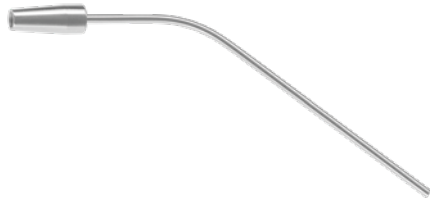
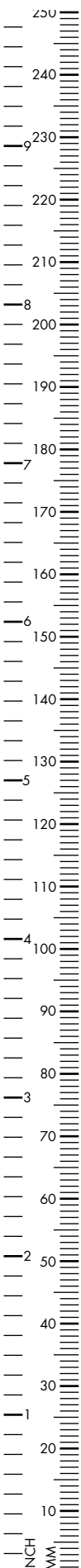
A curved left	410-033-130
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B curved right	410-033-131
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**DINGMANN**

Otobradars, left and right

160mm, 6 1/4"	410-033-100
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**NIJMEGEN**

Suction Tube, cylindrical with cone,
60mm working length

Ø 1.0mm	410-060-010
Ø 1.5mm	410-060-015
Ø 2.0mm	410-060-020
Ø 2.5mm	410-060-025
Ø 3.0mm	410-060-030
Ø 4.0mm	410-060-040



Suction Tube, knee bent,
90mm working length

Ø 1.0mm	410-090-010
Ø 1.5mm	410-090-015
Ø 2.0mm	410-090-020
Ø 3.0mm	410-090-030
Ø 4.0mm	410-090-040
Ø 5.0mm	410-090-050



Suction Tube, knee bent,
110mm working length

1.0mm	410-090-110
1.5mm	410-090-115
2.0mm	410-090-120
2.5mm	410-090-125
3.0mm	410-090-130
4.0mm	410-090-140
5.0mm	410-090-150



Suction Tube, malleable,
175mm working length

Ø 3.0mm	410-225-003
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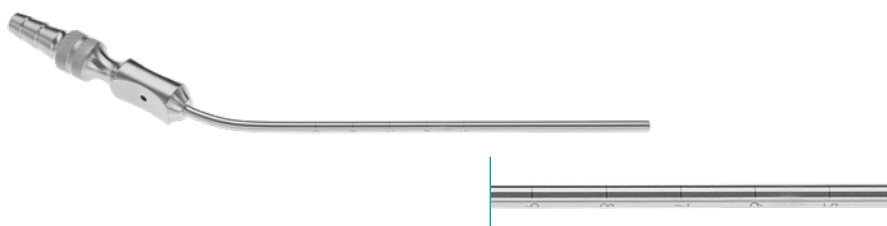
FERGUSSON

Suction tube, finger cut-off, stylet, Luer hub,
130mm, 5 1/8"

Ø 1.5mm	165-625-005
Ø 2.0mm	165-625-006
Ø 2.5mm	165-625-008
Ø 3.0mm	165-625-010
Ø 4.0mm	165-625-012
Ø 5.0mm	165-625-015

180mm, 7"

Ø 1.5mm	165-525-005
Ø 2.0mm	165-525-006
Ø 2.5mm	165-525-008
Ø 3.0mm	165-525-010
Ø 4.0mm	165-525-012
Ø 5.0mm	165-525-015



FRAZIER

Suction Tube, 100mm working length,
with length marking

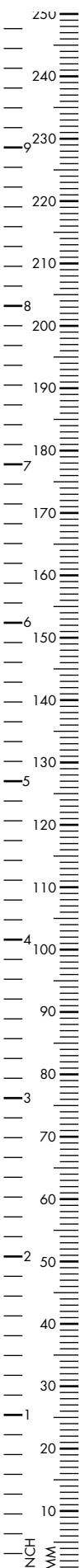
5 Charr.	165-523-105
7 Charr.	165-523-107
9 Charr.	165-523-109



PLESTER

Suction Tube, 140mm working length

5 Charr.	165-725-005
7 Charr.	165-725-007
8 Charr.	165-725-008
9 Charr.	165-725-009

**HOUSE**

Suction Cannula, finger cut-off and stylet,
90mm, 3¹/₂"

Ø 0.9mm / Ø 0.7mm	252-140-003
Ø 1.2mm / Ø 0.9mm	252-140-004
Ø 1.5mm / Ø 1.2mm	252-140-005
Ø 1.5mm / Ø 1.8mm	252-140-006
Ø 2.5mm / Ø 2.0mm	252-140-007
Ø 3.0mm / Ø 2.0mm	252-140-008
Ø 4.5mm / Ø 2.0mm	252-140-009

WULLSTEIN

Suction Cannula, cylindrical, silver plated,
with stylet, olive with Luer hub, 160mm, 6¹/₄"

Ø 1.5mm	410-135-160
Ø 2.0mm	410-132-160
Ø 3.0mm	410-133-160

VERHOEVEN

Suction Cannula, straight,
100 mm working length

Ø 2.0mm	410-134-320
Ø 1.5mm	410-134-316
Ø 1.2mm	410-134-312

**VERHOEVEN**

Suction Tube, 100mm working length

Ø 2.0mm

curved up	410-134-120
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curved down	410-134-220
-------------	-------------

110mm working length

Ø 1.6mm

curved up	410-134-116
-----------	-------------

curved down	410-134-216
-------------	-------------

**TALESHI**

Suction, 3 Charr.

40° upwards	410-133-143
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40° downwards	410-133-243
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70° upwards	410-133-173
-------------	-------------

70° downwards	410-133-273
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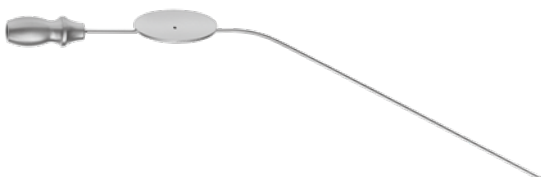
5 Charr.

40° upwards	410-133-145
-------------	-------------

40° downwards	410-133-245
---------------	-------------

70° upwards	410-133-175
-------------	-------------

70° downwards	410-133-275
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**BARON**Suction Tube, finger cut-off, stylet,
75mm, 3"

3 Charr.	165-538-003
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5 Charr.	165-538-005
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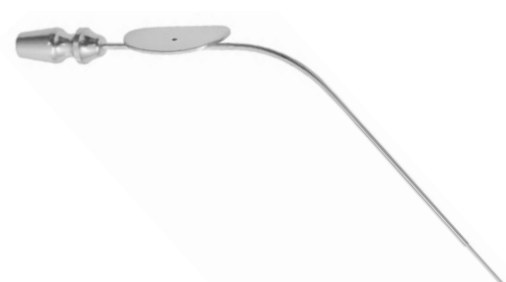
7 Charr.	165-538-007
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100mm, 4"

3 Charr.	165-539-003
----------	-------------

5 Charr.	165-539-005
----------	-------------

7 Charr.	165-539-007
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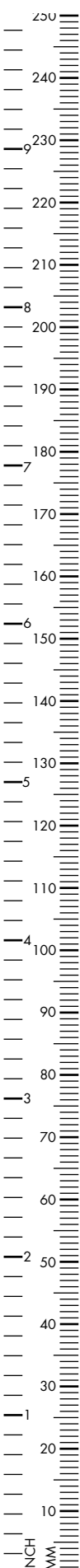
**SCHUKNECHT**Suction Tube, 135mm, 5^{1/3}"

Ø 0.6mm	165-536-006
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Ø 0.7mm	165-536-007
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Ø 0.9mm	165-536-009
---------	-------------

Ø 1.0mm	165-536-010
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**BARNES**

Suction Tube, 50mm working length

Ø 1.5mm	410-150-015
Ø 1.7mm	410-150-017
Ø 2.0mm	410-150-020

**HOUSE**

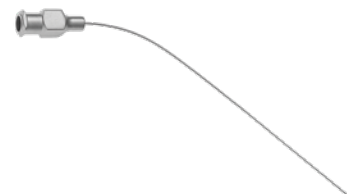
Suction Adapter, finger cut-off, olive: Ø 7mm

51mm, 2 ^{1/8} "	420-195-000
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**WULLSTEIN**

Aural Suction Handle, finger cut-off, Luer cone

420-196-000

**HOUSE**

Aural Suction Cannula with Luer cone, set with 2 pieces

Ø 0.5mm	420-196-005
Ø 0.6mm	420-196-006
Ø 0.7mm	420-196-007
Ø 0.8mm	420-196-008
Ø 0.9mm	420-196-009
Ø 1.0mm	420-196-010
Ø 1.2mm	420-196-012
Ø 1.5mm	420-196-015
Ø 2.0mm	420-196-020
Ø 2.5mm	420-196-025

**ROSEN**

Suction Cannula, angled,
65mm working length

GA 9 Ø 3.0mm	410-133-005
GA 10 Ø 2.5mm	410-133-006
GA 13 Ø 2.2mm	410-133-007
GA 14 Ø 2.0mm	410-133-008
GA 15 Ø 1.8mm	410-133-009
GA 16 Ø 1.6mm	410-133-010
GA 17 Ø 1.5mm	410-133-013
GA 18 Ø 1.2mm	410-133-015
GA 19 Ø 1.0mm	410-133-018
GA 20 Ø 0.9mm	410-133-020
GA 21 Ø 0.8mm	410-133-025
GA 22 Ø 0.7mm	410-133-030
GA 24 Ø 0.6mm	410-133-035
GA 26 Ø 0.5mm	410-133-040

**VERHOEVEN**

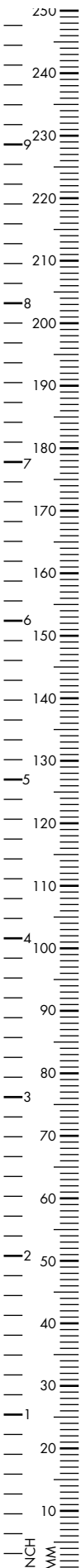
Suction Tube, 60mm working length

Ø 1.6mm	410-134-016
Ø 1.2mm	410-134-012
Ø 0.9mm	410-134-009
Ø 0.7mm	410-134-007
Ø 0.6mm	410-134-006



Suction Tube, malleable,
80mm working length

Ø 0.5mm	410-138-005
Ø 0.7mm	410-138-007
Ø 1.0mm	410-138-010
Ø 1.2mm	410-138-012
Ø 1.5mm	410-138-015
Ø 2.0mm	410-138-020
Ø 2.5mm	410-138-025
Ø 3.0mm	410-138-030

**ZOELLNER**

Suction Tube, s/s, tube with stilette,
175mm, 6⁷/₈"

Ø 8mm olive	410-267-100
Ø 8mm olive, with suction hole	410-267-101

ZOELLNER

Suction Tip, 55mm, 10 pcs. per package

Ø 1.2mm / 18swg	410-267-012
Ø 0.9mm / 20swg	410-267-009
Ø 0.8mm / 21swg	410-267-008
Ø 0.7mm / 22swg	410-267-007
Ø 0.6mm / 24swg	410-267-006
Ø 0.5mm / 25swg	410-267-005
Ø 0.4mm / 26swg	410-267-004

FISCH

Suction Tube, 145mm working length

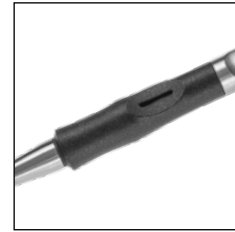
Ø 1.2mm	410-269-012
Ø 1.5mm	410-269-015
Ø 2.0mm	410-269-020
Ø 2.2mm	410-269-022
Ø 2.5mm	410-269-025
Ø 3.0mm	410-269-030
Ø 5.0mm	410-269-050

EESy

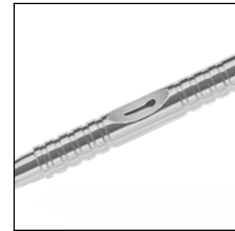
The **EESy** instruments allows the surgeon to use the one-hand technique. The instruments are a suction – cutting – dissection combination. These gives you major benefits in ESS and reduce the limitations of the endoscopic approach.

With the **EESy** you have one hand for the scope and the other for the instrument. You avoid the constant change of instruments and suction devices.

With **EESy** Instruments, surgeons can choose between two ergonomic concepts—SoftGrip for enhanced handling comfort and Pure for a streamlined all-steel experience. Both systems are engineered to support precision and control in endoscopic ear surgery.



SoftGrip



Pure



Benefits:

- Different tips in one design keeps your handling consistent
- Mini working tips combines with suction cannulas
- Less blood or tissue parts in the field of view
- Instrument can be kept in the surgical field

EESy Endoscopic Ear Instruments

A 130mm working length SoftGrip

B 135mm working length Pure

Dissector, single curved,
3.0mm / 6.2mm, left

A 410-880-001

B 410-880-501

Dissector, single curved,
3.0mm / 6.2mm, right

A 410-880-002

B 410-880-502

Dissector, single curved,
0.6mm, Ø 1.0mm suction channel, left

A 410-880-003

B 410-880-503

Dissector, single curved,
0.6mm, Ø 1.0mm suction channel, right

A 410-880-004

B 410-880-504

Dissector, double curved,
3.0mm / 6.2mm, left

A 410-880-005

B 410-880-505

Dissector, double curved,
3.0mm / 6.2mm, right

A 410-880-006

B 410-880-506

Dissector
3.0mm / 6.2mm, left

A 410-880-007

B 410-880-507

Dissector
3.0mm / 6.2mm, right

A 410-880-008

B 410-880-508

Dissector
extra fine, left

A 410-880-009

B 410-880-509

Dissector
extra fine, right

A 410-880-010

B 410-880-510

Micro Hook
1.0mm/6.2mm, 45°

A 410-880-011

Micro Hook
1.5mm/6.2mm, 45°

A 410-880-012

B 410-880-512

Micro Hook
2.0mm/6.2mm, 45°

A 410-880-013

B 410-880-513

EESy Endoscopic Ear Instruments

A 130mm working length SoftGrip

B 135mm working length Pure

Round Knife
Ø 2.5mm/6.2mm, 45°

A 410-880-014

B 410-880-514

Round Knife
Ø 2.0mm/6.2mm, 45°

A 410-880-015

Round Knife
Ø 2.5mm/6.2mm, 45°

A 410-880-016

Knife, oval
2.5 x 3.5mm, left

A 410-880-017

B 410-880-517

Knife, oval
6.2mm, right

A 410-880-018

B 410-880-518

Sickle Knife
2.0mm, 35° curved

A 410-880-019

B 410-880-519

Curette
1.5 x 2.5mm, curved

A 410-880-020

Suction Finder
blunt

A 410-880-021

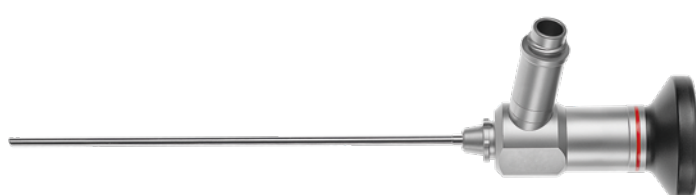
Suction Adaptor,
rotatable,
male, LuerLock

55° curved 410-880-000



Otoscope, Ø 3.0mm, 110mm

0°	410-130-000
30°	410-130-030
45°	410-130-045
70°	410-130-070



Ø 3.0mm, 140mm

0°	410-130-100
30°	410-130-130
45°	410-130-145
70°	410-130-170

Preyer Irrigation Tube for Endoscopic Ear Surgery

The irrigation tube is designed for intraoperative use during endoscopic ear surgery. It is guided alongside the endoscope to provide a controlled irrigation environment within the surgical field. Developed in collaboration with Prof. Dr. Preyer, the device addresses specific surgical needs observed in clinical practice.

The application of fluid plays a crucial role in the management of cholesteatoma, as the lesion becomes mobile under water and tends to rise. This behavior facilitates improved visualization and access, enabling more precise and efficient dissection. In combination with RZ **EESy** instruments, the irrigation tube supports atraumatic preparation and enhances surgical control, contributing to optimized procedural outcomes.



PREYER

Endoscope Irrigation Tube

for Ø 3.0mm, 110mm	410-880-356
for Ø 3.0mm, 140mm	410-880-387



Knife Handle #7

165mm, 6^{1/2}"

110-130-077



Knife Handle #3

130mm, 5^{1/8}"

110-110-003

**WULLSTEIN**

Raspatory

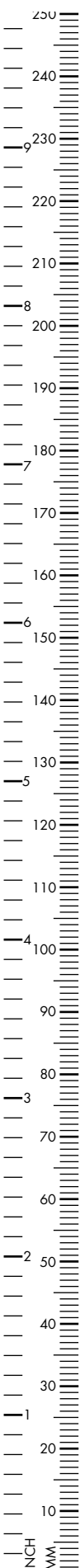
190mm, 7^{1/2}"

410-329-190

**BEALES**Raspatory, 165mm, 6^{1/2}"

A 410-328-165

B spatula end 410-327-165

**LEMPERT**Raspatory, narrow, 160mm, 6^{1/4}"

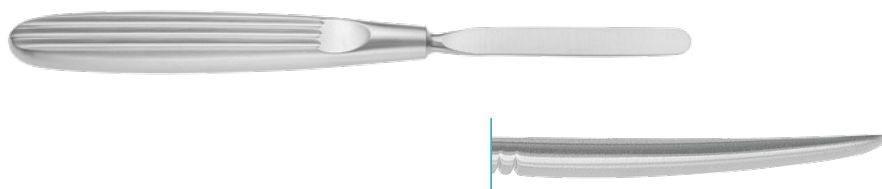
3mm 410-330-160

4mm 410-331-160

**FISCH**

Dura Elevator, 5mm

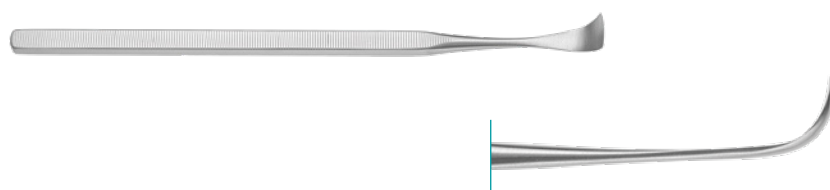
170mm, 6^{2/3}" 410-145-170**LEMPERT**Lempert Micro Ear Elevator,
slightly curved, 2mm160mm, 6^{1/4}" 410-334-160

**PLESTER**

Raspatory, 180mm, 7"

8mm

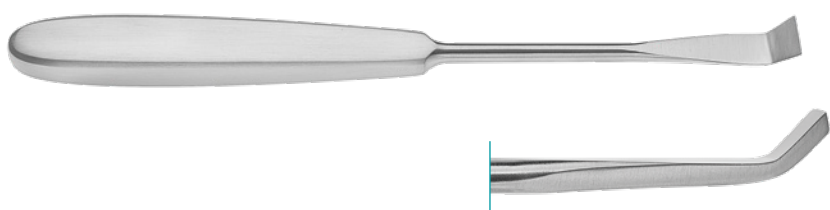
410-146-180

**FISCH**

Raspatory, 180mm, 7"

10mm

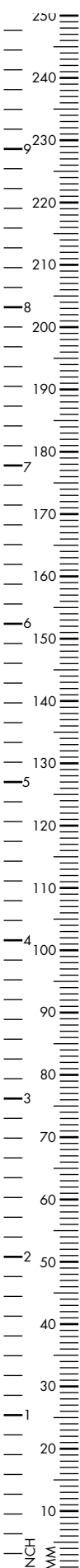
410-147-160



Periosteal Raspatory, 11mm

210mm, 8^{1/4}"

410-148-210

**JANSEN**

3x3 prongs, 100mm, 4"

sharp 170-720-100

blunt 170-723-100

**BABY WEITLANER**2x3 teeth, 105mm, 4^{1/8}"

sharp 170-748-105

blunt 170-749-105

semi-sharp 170-750-105

**WEITLANER**

3x4 teeth, sharp

165mm, 6^{1/2}" 170-750-165

200mm, 8" 170-750-200

**WULLSTEIN**Self-retaining Retractor, 3x3 prongs,
110mm, 4^{1/3}"

sharp 170-752-110

blunt 170-753-110

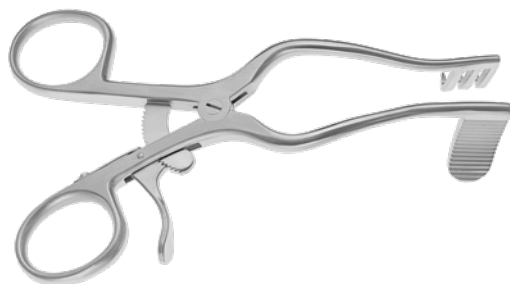
**WULLSTEIN**Self-retaining Retractor, 3x3 prongs,
130mm, 5^{1/8}"

sharp 170-752-130

blunt 170-753-130

**BELLUCCI**Self-retaining Retractor, 3x3 sharp teeth,
angled arms

170-759-130

**PERKINS**Antrum Retractor, 130mm, 5^{1/8}"

serrated blade on right side, 3 teeth left	170-765-135
--	-------------

serrated blade on left side, 3 teeth right	170-766-135
--	-------------

**ADSON ANDERSON**4x4 teeth, curved arms, 195mm, 7^{3/4}"

sharp	170-732-200
-------	-------------

blunt	170-733-200
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**RZ**Self-retaining Retractor, articulating joints, 3 x 3 prongs, 170mm, 6^{2/3}"

semi-sharp	170-780-170
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sharp	170-781-170
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blunt	170-782-170
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**RZ**Self-retaining Retractor, 165mm, 6^{1/2}"

left blade full, right side 3 prongs	170-780-165
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right blade full, left side 3 prongs	170-781-165
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**HOUSE**

Self-retaining Retractor, with hinge,
165mm, 6 1/2"

left side full blade, right 3 prongs	170-783-165
right side full blade, left 3 prongs	170-784-165

**WEITLANER BECKMANN**

3x4 teeth, hinged arms, sharp

140mm, 5 1/2"	170-746-140
160mm, 6 1/4"	170-746-160
200mm, 8"	170-746-200
240mm, 9 1/2"	170-746-240

blunt

140mm, 5 1/2"	170-747-140
160mm, 6 1/4"	170-747-160
200mm, 8"	170-747-200
240mm, 9 1/2"	170-747-240

**PLESTER**

2 teeth, blunt, 110mm, 4 1/3"

solid blade on right	170-760-110
solid blade on left	170-761-110

2x2 teeth, 105mm, 4 1/8"

blunt	170-762-110
sharp	170-763-110

**PLESTER**

2x2 teeth, 130mm, 5 1/8"

blunt	170-762-130
sharp	170-763-130

**SCOVILLE HAVERFIELD**

Spreader, rigid arms, without valves

171mm spread	170-906-000
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hinged arms, without valves

171mm spread	170-906-001
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Hook, blunt

51mm	170-906-102
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75mm	170-906-104
------	-------------



Hook, with crossbar

51mm	170-906-106
------	-------------

75mm	170-906-108
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Blade, toothed

26 x 63mm	170-906-122
-----------	-------------

51 x 63mm	170-906-124
-----------	-------------

32 x 66mm	170-906-126
-----------	-------------

26 x 89mm	170-906-128
-----------	-------------



Blade, forked, blunt

38 x 41mm	170-906-144
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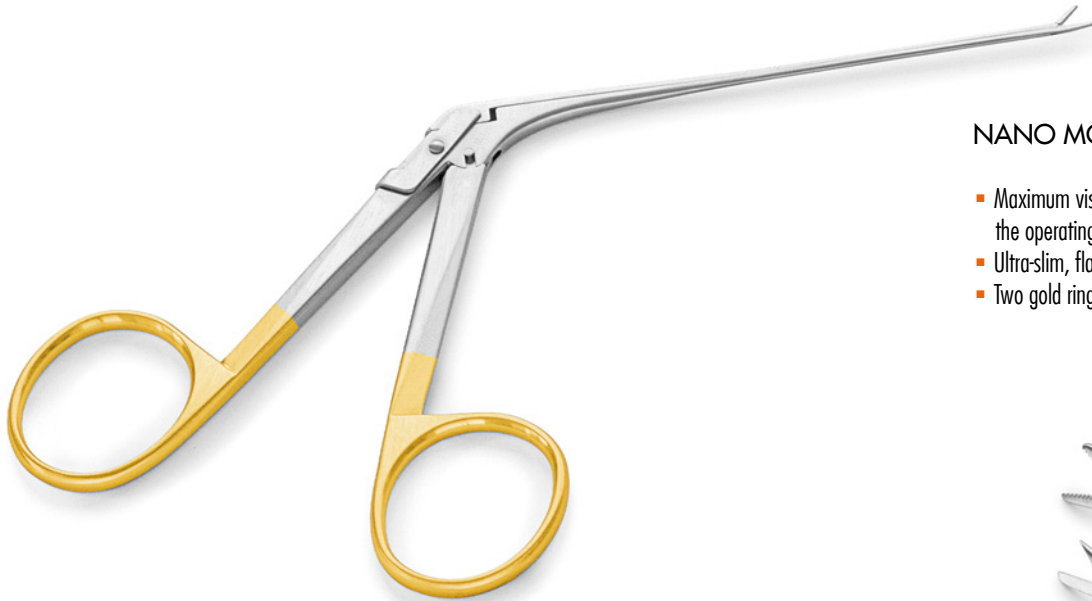
48 x 66mm	170-906-145
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FINESS MICRO & NANO EAR FORCEPS

Designed for Precision in Otologic Microsurgery

The FINESS Micro and Nano Ear Forceps are developed for delicate procedures requiring exceptional control and atraumatic tissue handling. Micro models provide an optimal balance of stability and precision, while Nano models feature ultra-slimmer jaws and shafts to maximize visibility under the operating microscope.

Ergonomically designed rings, refined tactile feedback and precise mechanical action support confident handling during demanding microscopic procedures.



NANO MODELS

- Maximum visibility under the operating microscope
- Ultra-slim, flat jaws reduce visual obstruction
- Two gold rings for instant identification



FINESS



MICRO MODELS

- Precise, atraumatic control in delicate procedures
- Fine jaws and streamlined shaft for stable handling
- Single gold ring for instant identification

FINESS MICRO & NANO EAR FORCEPS



Nano Ear Forceps,
3.5mm long jaw, serrated

410-800-950



Nano Cup Forceps, 0.6mm

410-800-970



Nano Scissors

410-800-990



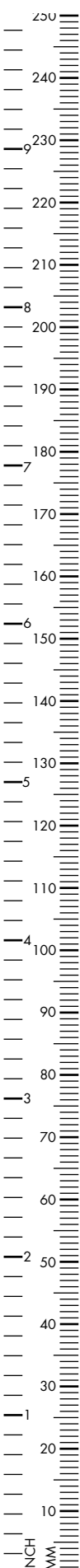
Micro Ear Forceps,
3.5mm long jaw, serrated

410-800-960



Micro Cup Forceps, 0.6mm

410-800-980

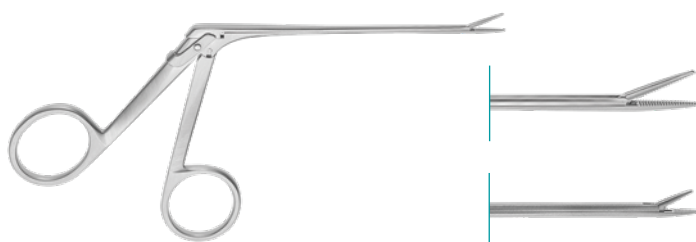
**HARTMANN**

Ear Forceps, 80mm working length, straight

1 x 8mm 410-210-085

125mm working length, straight

1 x 4.5mm 410-210-125

**HARTMANN-WULLSTEIN**

Ear Forceps, 80mm working length, straight

0.8 x 6.0mm 410-345-080

0.8 x 4.0mm 410-344-080



Ear Forceps, 80mm working length,

A Alligator, extra fine, 0.8 mm wide, straight

4.5mm jaw 410-335-800

B CERACUT®

4.5mm jaw 410-335-800CC

C smooth jaw

4.5mm jaw 410-335-700

D curved right

410-335-600

E curved left

410-335-500

F upcurved

410-335-400

G downcurved

410-335-300

H right curved

410-335-600

A

B

C

D

E

F

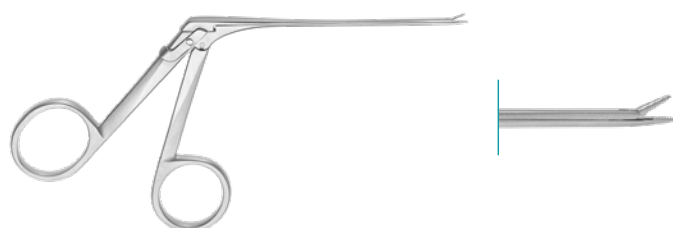
G

H

**HARTMANN**

Ear Forceps, 4.0mm long jaw,
serrated, self-closing

410-330-700



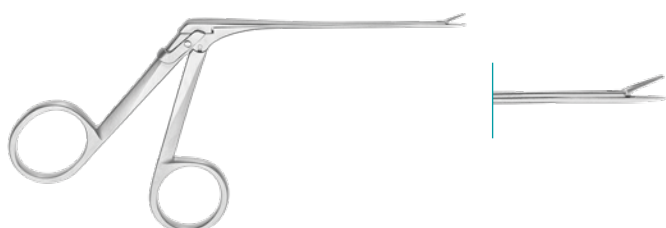
Ear Forceps, 80mm working length,
Alligator, extra fine, straight

0.8 x 3.0mm jaw 410-330-800

**DUCKBILL-WULLSTEIN**

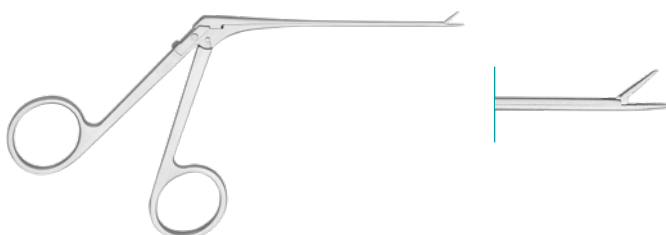
Ear Forceps, extra delicate, smooth jaws

410-330-900

**FISCH**

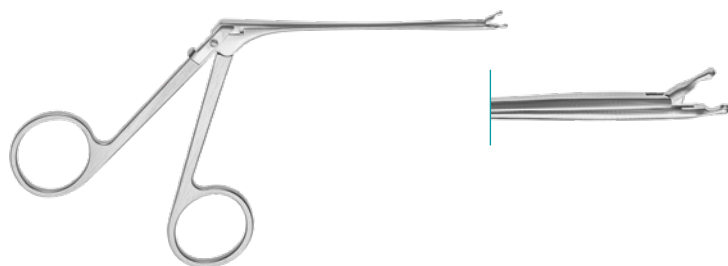
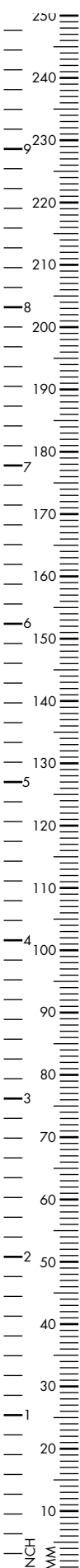
Ear Forceps, very delicate, serrated,
1.5mm shaft, straight, 80mm working length

0.6 x 4.0mm 410-357-080

**FISCH**

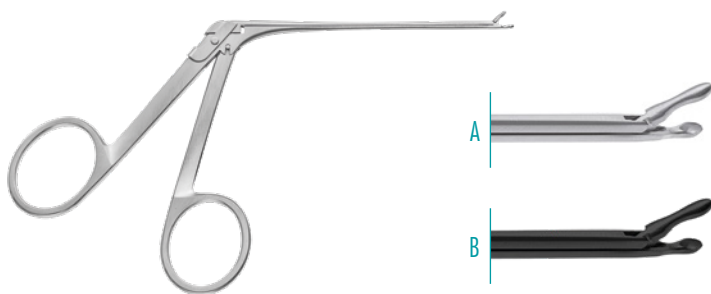
Ear Forceps, very delicate, serrated,
1.5mm shaft, straight, 80mm working length

0.5 x 4.5mm 410-356-080

**HARTMANN-WULLSTEIN**

Ear Forceps, 80mm working length
straight, cup-shaped, round cup

1.0mm 410-346-080



A

B

C

D

E

F

oval cups, 0.9mm wide,
fine model, 4.5mm jaw length

A straight	410-341-500
B CERACUT®	410-341-500CC
C left curved	410-343-500
D right curved	410-344-500
E upwards curved	410-342-500
F downwards curved	410-347-500



Micro Cupped Forceps, 0.5 x 1.0 mm,
extra fine, oval

straight 410-330-004

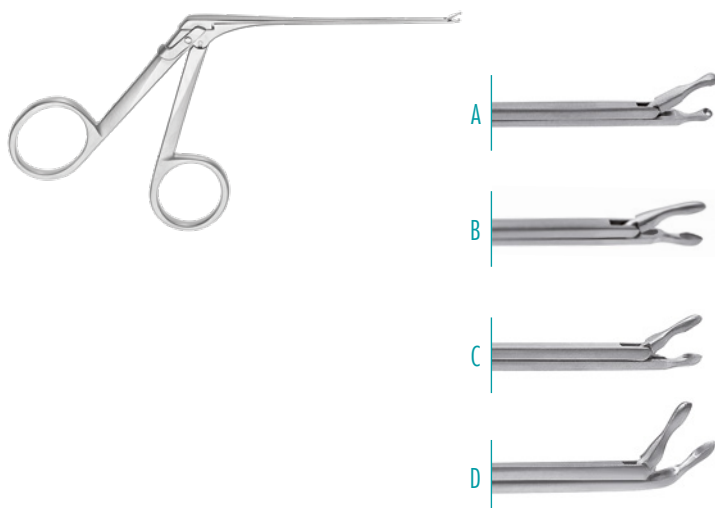


A

B

Micro Cupped Forceps, 0.8 x 1.3 mm,
fine, oval

A curved downwards	410-330-002
B curved upwards	410-330-003



oval cups, 0.6mm wide,
4.5mm jaw

A straight	410-341-800
B right curved	410-344-800
C left curved	410-343-800
D 35° upwards	410-342-800



Micro Spoon Forceps, oval,
superfine, 0.5 x 1.0mm, 1.3 mm shaft

A straight	410-341-900
B upwards	410-342-900



BELLUCCI

Micro Ear Scissors, 8mm cutting blade

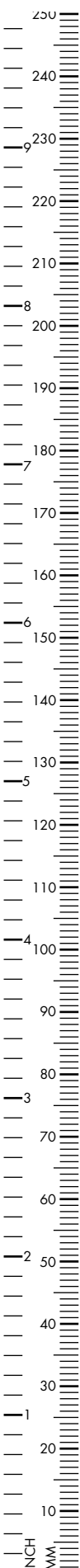
A stainless steel	410-350-200
B CeraCut®	410-352-080CC



BELLUCCI

Micro Ear Scissors, 4mm blade

curved upwards	410-351-700
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Middle model, 5.0mm blade length,
87mm working length

A straight 410-350-500

B left curved 410-352-500

C right curved 410-353-500

D 35° upcurved 410-351-500



HOUSE BELLUCCI

Ear Scissors, fine model, 4.5mm blade

A straight 410-350-700

B left curved 410-352-700

C right curved 410-353-700

D curved up 410-351-700



HOUSE BELLUCCI

Ear Scissors, extra fine

A straight 410-350-100

B left curved 410-352-100

C right curved 410-353-100

**HOUSE BELLUCCI**

Ear Scissors, extra fine, serrated blade,
3.5mm blade length

straight 410-351-800

**HOUSE BELLUCCI**

Ear Scissors, superfine, 2.0mm blade length

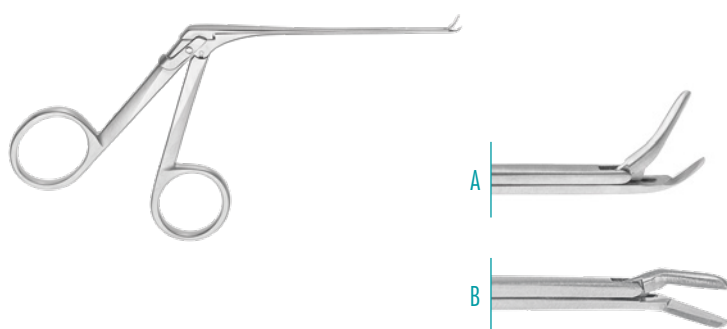
straight 410-351-900



Crurotomy Scissors,
80mm working length

A opening to left 410-250-001

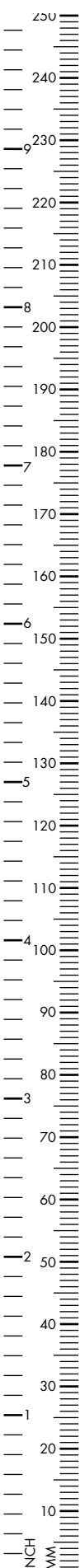
B opening to right 410-250-002

**HOUGH**

Nipper Forceps, angled, fine model

A 45° left 410-365-080

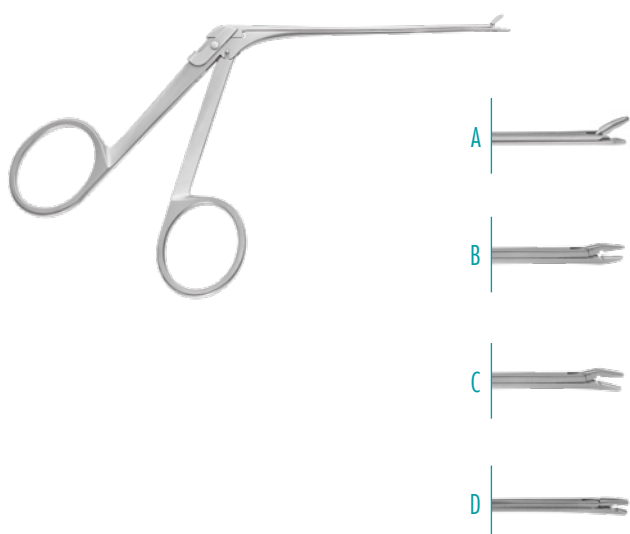
B 45° right 410-366-080

**DIETER**

Malleus Nipper, 80mm working length

A upwards cutting 410-300-100

B downwards cutting 410-301-100

**MC GEE**

Malleus Crimper, fine model

A straight 410-359-200

B bent left 410-359-100

C bent right 410-359-300

HOUSE-MC GEE

Malleus Crimper

D superfine model 410-359-500

**MCGEE**Malleus Crimper, large model,
80mm working length

410-360-500

**GREVEN**

fine model

410-361-080

**VENT**

Tube Forceps, fine model

410-340-080

**KOS**

fine model

410-350-132

Micro Grasping Forceps, straight, jaw
with cross grooves, 1.4 x 4.0mm

straight

410-368-080

**SOFFERMANN**Needle Holder with ratchet, with sliding shaft,
serrated jaws, 4.5mm jaw

100mm working length 410-208-100

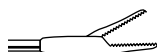
Aural forceps, tubular shaft, shaft 1.5mm, jaws 2.3mm
80mm working length



1 x 2 teeth

straight

410-342-100



serrated jaws

straight

410-342-110



Cup-Shaped Forceps, straight

Ø 1.0mm

410-343-110

Ø 1.5mm

410-343-210

Ø 2.0mm

410-343-310

Ø 2.5mm

410-343-410

Ø 1.5 x 0.8mm

410-343-510



Cup-Shaped Forceps,
angled up

Ø 1.0mm

410-343-120

Ø 1.5mm

410-343-220

Ø 2.0mm

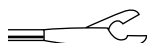
410-343-320

Ø 2.5mm

410-343-420

Ø 1.5 x 0.8mm

410-343-520



Cup-Shaped Forceps,
curved right

Ø 1.0mm

410-343-130

Ø 1.5mm

410-343-230

Ø 2.0mm

410-343-330

Ø 2.5mm

410-343-430

Ø 1.5 x 0.8mm

410-343-530



Cup-Shaped Forceps,
curved left

Ø 1.0mm

410-343-140

Ø 1.5mm

410-343-240

Ø 2.0mm

410-343-340

Ø 2.5mm

410-343-440

Ø 1.5 x 0.8mm

410-343-540



straight

410-351-010



straight horizontal

410-351-020



angled up

410-351-030



angled up horizontal

410-351-040



curved right

410-351-050



curved left

410-351-060

Aural Forceps, 0.9mm tubular shaft, 1.8mm jaws
80mm working length



straight

410-352-010



straight horizontal

410-352-020



angled up

410-352-030



angled up horizontal

410-352-040



curved right

410-352-050



curved left

410-352-060



1 x 2 teeth

straight

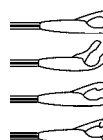
410-343-100



serrated

straight

410-341-100



cup-shaped

straight

410-340-100

curved up

410-340-120

curved right

410-340-130

curved left

410-340-140

Micro Ear Instruments with tubular shaft
and LuerLock cleaning channel
80mm working length



HARTMANN
straight

0.8 x 3.5mm 410-330-000

HARTMANN
straight

1.0 x 5.0mm 410-335-00

HARTMANN
straight

1.5 x 6.0mm 410-321-000

WULLSTEIN
straight, oval cup spoon

0.9 x 1.0mm 410-341-000

WULLSTEIN
straight, oval cup spoon

0.8 x 1.3mm 410-345-000

WULLSTEIN
straight, round cup spoon

Ø 1.0 mm 410-346-000

BELLUCCI
Micro scissors, straight

5.0mm 410-350-000

BELLUCCI
Micro scissors, curved left

5.0mm 410-352-000

BELLUCCI
Micro scissors, curved right

5.0mm 410-353-000

MCGEE
Malleus Crimper

3.5mm jaw length 410-359-000

FINESS MICRO ROUND-HANDLE INSTRUMENTS

Precision, Control and Tactile Intelligence

The FINESS Micro Round-Handle Instruments are developed for surgeons who rely on precise tactile feedback and controlled micro-movements during otologic microsurgery.

The ergonomic round handle supports effortless rotation and accurate tip positioning, while integrated grooves enhance orientation and handling.

Combined with finely polished working ends and clear laser markings, the system delivers precision, efficiency and confidence under the microscope.



165mm working length

WULLSTEIN

Micro Hook, 90° angled

0.2mm	410-800-102
0.4mm	410-800-104
0.5mm	410-800-105
0.6mm	410-800-106
0.8mm	410-800-108
1.0mm	410-800-110
1.2mm	410-800-112
1.5mm	410-800-115
2.0mm	410-800-120
2.5mm	410-800-125
3.0mm	410-800-130
4.0mm	410-800-140

WULLSTEIN

Micro Hook, 45° angled

0.2mm	410-800-202
0.4mm	410-800-204
0.6mm	410-800-206
0.8mm	410-800-208
1.0mm	410-800-210
1.2mm	410-800-212
1.5mm	410-800-215
2.0mm	410-800-220
2.5mm	410-800-225

ROSEN

Round Knife, 45° angled

1.0mm	410-800-310
1.2mm	410-800-312
1.5mm	410-800-315
1.8mm	410-800-318
2.0mm	410-800-320
2.3mm	410-800-323
2.5mm	410-800-325
3.0mm	410-800-330

ROSEN

Round Knife, 90° angled

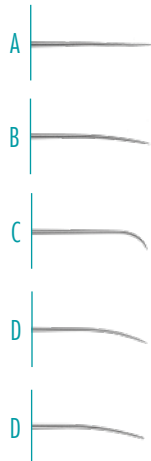
0.6mm	410-800-406
1.0mm	410-800-410
1.5mm	410-800-415
2.0mm	410-800-420
2.3mm	410-800-423
2.5mm	410-800-425

ROSEN

Round Knife, 0° angled

1.0mm	410-800-510
1.5mm	410-800-515
2.0mm	410-800-520
2.3mm	410-800-523
2.5mm	410-800-525
3.0mm	410-800-530

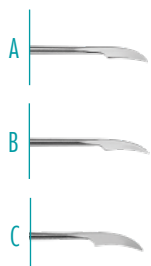
FINESS MICRO ROUND-HANDLE INSTRUMENTS



WULLSTEIN

Micro Needle

A straight, sharp	410-800-600
B very slightly curved, sharp	410-800-610
C strongly curved, sharp	410-800-620
D slightly curved, sharp	410-800-630
E very slightly curved, blunt	410-800-640



WULLSTEIN

Sickle Knife

A slightly curved	410-800-710
B slightly curved, delicate	410-800-720
C strongly curved	410-800-730



Incudostapedial Joint Knife

20°, 2.2mm	410-800-722
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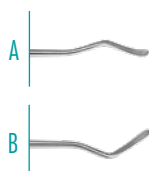


PLESTER

Flap Knife, vertical, oval

3.5 x 2.5mm	410-800-732
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FINESS MICRO ROUND-HANDLE INSTRUMENTS



AUSTIN

Dissector

A right curved 410-800-801

B left curved 410-800-802



FISCH

Dissector, single curved

A right 410-800-811

B left 410-800-812

double curved

C right 410-800-821

D left 410-800-822



PREYER

Dissector, sinus tympani, circular marking

A right curved 410-800-831

B left curved 410-800-832



FISCH

Footplate Perforator

0.3mm 410-800-843

0.4mm 410-800-844

0.5mm 410-800-845

0.6mm 410-800-846

 FINESS MICRO ROUND-HANDLE INSTRUMENTS
**PLESTER**

Footplate Hook

0.2mm	410-800-852
0.4mm	410-800-854
0.6mm	410-800-856

Hand burr, diamond, fine

0.7mm	410-800-877
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MOD. TÜBINGENMeasuring Instrument for Stapes
Prosthesis with ball tip

4.5mm	410-138-045
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THOMASSIN

Dissector, single curved, double ended

180mm, 7"	410-800-901
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THOMASSIN

Dissector, double curved, double ended

190mm, 7"	410-800-902
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Fig.00



Fig.0

**BUCK**

Aural Curette

Fig. 00 410-103-000

Fig. 0 410-103-001

**PLESTER**Flap Knife, round cutting, 160mm, 6^{1/4}"

2.4 x 3.0mm 410-124-160

2.4 x 3.5mm 410-092-001



A



B

**PLESTER**Sickle Knife, 160mm, 6^{1/4}"

A slightly curved 410-101-160

B straight 410-100-160

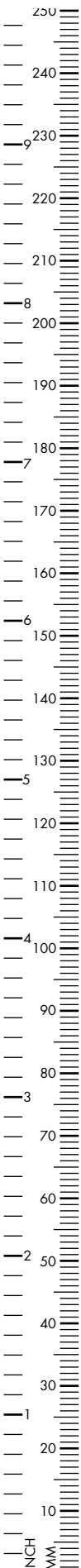
**THOBURN**

Sickle Knife, curved

160mm, 6^{1/4}" 410-103-160**BEALES**

Tendon Knife

170mm, 6^{2/3}" 410-109-170

**WULLSTEIN**

Sickle Knife, delicate, slightly curved

410-105-160

**FISCH**

Tenotome, curved

410-107-160

**KLEY**

Knife

410-109-160

**ROSEN**

Knife and elevator, spear pointed blade

160mm, 6¹/₄"

410-093-160

**SEIFFERT**

Salvial Duct Probe, Ø 0.9mm

180mm, 7"

410-045-180

**ROSEN**

Elevator, 15° angled tip, 12 x 1.5mm

160mm, 6 1/4"

410-135-015

**DUCKBILL**

Elevator, 80mm working length

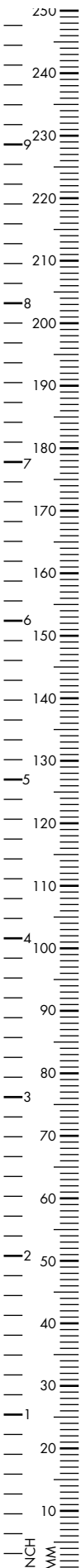
155mm, 6 1/8"

410-000-155

**BEALES**

Elevator, 1.5mm

410-130-182

**HUGHES**

Stapes Mobilizer

165mm, 6¹/₂"

410-216-165

**HUGHES**

Elevator, 0.6mm

165mm, 6¹/₂"

410-216-166

**HOUSE**Stapes Elevator, slightly angled, 12mm,
1mm wide160mm, 6¹/₄"

410-135-050

**ROSEN**

Elevator, round edge, slightly curved, 1.8mm

160mm, 6^{1/4}" 410-135-051Graft holder and elevator,
2 x 6mm160mm, 6^{1/4}" 410-135-048Eardrum Mirror, 160mm, 6^{1/4}"

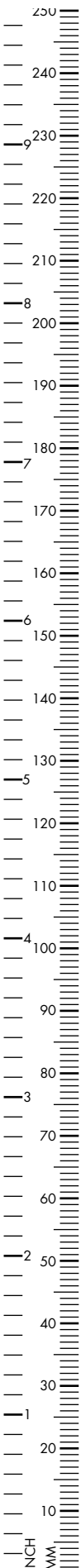
Ø 3mm 410-141-163

Ø 5mm 410-141-165



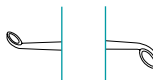
Seeker, 45°, angled

155mm, 6^{1/8}" 410-150-155

**SHEA**

Curette for tympanoplasty, sharp, oval cup, upwards cutting, 1.5 x 2.5mm, 160mm, 6¹/₄"

straight	410-046-160
knee bent	410-047-160

**HOUSE**

Curette for stapedectomy, sharp, double-ended, oval cup, 150mm, 6"

slightly curved	410-044-001
strongly curved	410-044-003

1.5 x 1.8mm	
slightly curved	410-044-002
strongly curved	410-044-004

**HOUSE**

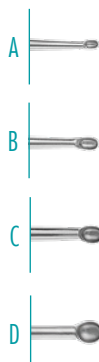
Curette, 20° curved
150mm, 6"

2.2 x 3.8mm / 2.4 x 4.8mm	410-044-006
2.6 x 3.5mm / 2.8 x 3.2mm	410-044-007
0.6 x 0.8mm / 0.8mm x 1.0mm	410-044-010

**HOUSE**

Curette, slightly bent, pointed,
1.6 x 3.0mm / 2.0 x 3.2mm

170mm, 6 ² / ₃ "	410-044-008
--	-------------

**HOUSE**

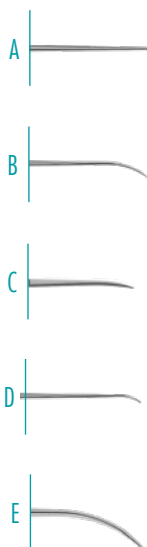
Double Spoon, slightly curved,
170mm, 6^{2/3}"

A Fig.0	410-044-100
1.0 x 1.6mm / 1.2 x 2.0mm	
B Fig.1	410-044-101
1.5 x 2.5mm / 1.8 x 2.8mm	
C Fig.2	410-044-102
2.2 x 3.0mm / 2.5 x 3.2mm	
D Fig.3	410-044-103
2.6 x 3.2mm / 2.8 x 3.5mm	

**HOUSE-STAPES**

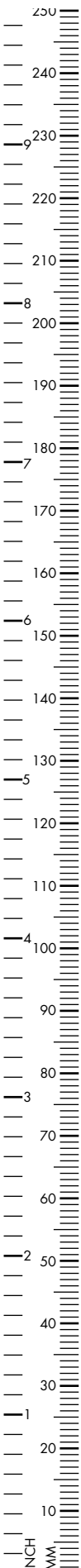
Curette, double-ended,
2.2 x 3.0mm / 2.5 x 3.2mm
30° angled

170mm, 6 ^{2/3} "	410-044-150
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Micro Needle (perforator), 160mm, 6^{1/4}"

A straight	
sharp	410-110-155
blunt	410-110-160
B slightly curved, long curvature	
	410-112-155
C slightly curved	
	410-111-155
D acute curved	
	410-114-155
E acute long curvature	
	410-116-155

**ROSEN**Round Cutting Knife, straight, 160mm, 6¹/₄"

1.0mm	410-128-010
1.5mm	410-128-015
2.0mm	410-128-020
2.5mm	410-128-025
3.0mm	410-128-030

**ROSEN**Round Cutting Knife, slender, 160mm, 6¹/₄"

45° angled

Ø 1.0mm	410-118-010
Ø 1.2mm	410-118-012
Ø 1.5mm	410-118-015
Ø 1.8mm	410-118-018
Ø 2.0mm	410-118-020
Ø 2.3mm	410-118-023
Ø 2.6mm	410-118-026
Ø 2.8mm	410-118-028
Ø 3.0mm	410-118-030
Ø 3.5mm	410-118-035
Ø 4.0mm	410-118-040

90° angled

Ø 1.0mm	410-119-010
Ø 1.5mm	410-119-015
Ø 2.0mm	410-119-020
Ø 2.3mm	410-119-023
Ø 2.5mm	410-119-025

**PLESTER**

Wire Guide and Applicator, flat end, V-notch

160mm, 6^{1/4}" 410-216-160**PLESTER**

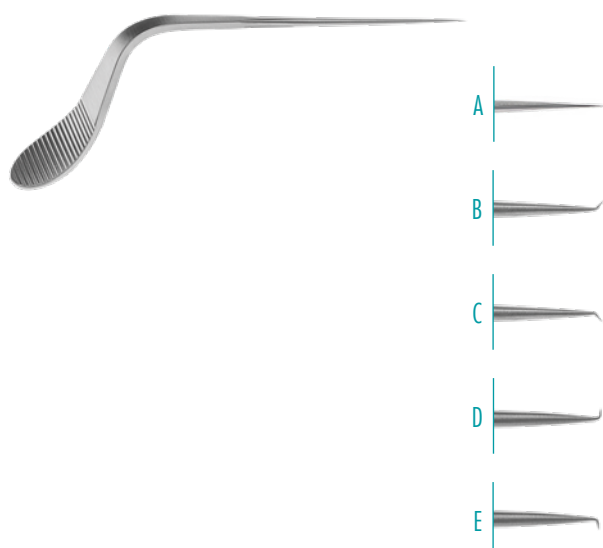
Aural scraper, 60° angled, 2.0mm

160mm, 6^{1/4}" 410-120-020**HEERMANN**

Hook, reverse cutting, 0.6mm

160mm, 6^{1/4}" 410-216-006

Micro Hook, slightly angled up tip

160mm, 6^{1/4}" 410-216-007**ZOELLNER**

Needle, 0.5mm tip

A straight 410-165-001

B 45° curved up 410-165-002

C 45° curved down 410-165-003

D 90° curved up 410-165-004

E 90° curved down 410-165-005

1.0 mm tip

B 45° curved up 410-165-006

C 45° curved down 410-165-007

D 90° curved up 410-165-008

E 90° curved down 410-165-009

WULLSTEINMicro Hook,
160mm, 6¹/₄"**25° angled**

0.3mm	410-115-003
0.6mm	410-115-006
1.0mm	410-115-010

45° angled

0.2mm	410-117-002
0.3mm	410-117-003
0.4mm	410-117-004
0.6mm	410-117-006
0.8mm	410-117-008
1.0mm	410-117-010
1.2mm	410-117-012
1.5mm	410-117-015
2.0mm	410-117-020
2.5mm	410-117-025

90° angled

0.2mm	410-210-002
0.3mm	410-210-003
0.4mm	410-210-004
0.6mm	410-210-006
0.8mm	410-210-008
1.0mm	410-210-010
1.2mm	410-210-012
1.5mm	410-210-015
2.0mm	410-210-020
2.5mm	410-210-025

WULLSTEIN-COLORMicro Hook,
160mm, 6¹/₄"**90°**

1.0mm, 5 orange rings	410-117-161
0.2mm, 1 orange ring	410-117-162
0.4mm, 2 orange rings	410-117-164
0.6mm, 3 orange rings	410-117-166
0.8mm, 4 orange rings	410-117-168

45°

1.0mm, 5 cyan rings	410-115-161
0.2mm, 1 cyan ring	410-115-162
0.4mm, 2 cyan rings	410-115-164
0.6mm, 3 cyan rings	410-115-166
0.8mm, 4 cyan rings	410-115-168

BARBARA

Needles and Hooks

160mm 6 1/4"



25° angled upwards

0.3mm	410-210-303
0.6mm	410-210-306
1.0mm	410-210-310



25° angled downwards

0.3mm	410-210-203
0.6mm	410-210-206
1.0mm	410-210-210



45° angled upwards

0.3mm	410-217-003
0.6mm	410-217-006
1.0mm	410-217-010



45° angled downwards

0.3mm	410-217-103
0.6mm	410-217-106
1.0mm	410-217-110



90° angled upwards

0.3mm	410-216-003
0.6mm	410-216-005
1.0mm	410-216-010



90° angled downwards

0.3mm	410-116-103
0.6mm	410-116-105
1.0mm	410-116-110



Knee bent, straight

410-113-155



Knee bent, curved

410-115-153



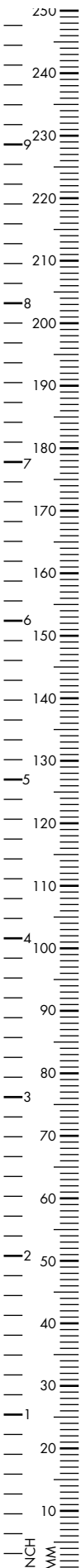
retrograde angled upwards

0.5mm	410-116-205
1.0mm	410-116-210



retrograde angled downwards

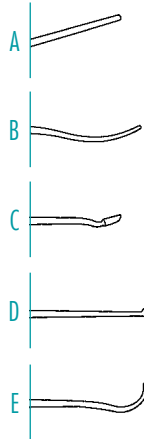
0.5mm	410-116-305
1.0mm	410-116-310

**AUSTIN**

Attic Dissector, 90° angled, blunt,
3mm

165mm, 6 1/2"

410-157-090

**AUSTIN**

165mm, 6 1/2"

A Elevator, 1.0mm 410-157-001

B Raspatory, 1.0mm 410-157-002

B Raspatory, 1.2mm 410-157-003

C Spoon 410-157-004

D Hook, 0.6mm 410-157-005

E Raspatory, 1.8mm 410-157-006

**FISCH**

Excavator, narrow, 160mm, 6 1/4"

double curved, left 410-135-060

double curved, right 410-135-061

single curved, left 410-135-062

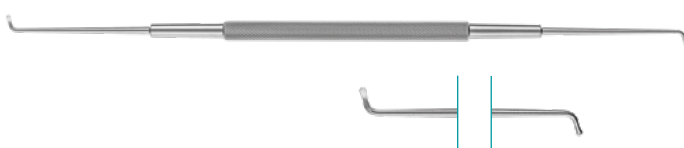
single curved, right 410-135-063

**FISCH**

Dissector, 160mm, 6 1/4"

single curved right 410-017-001

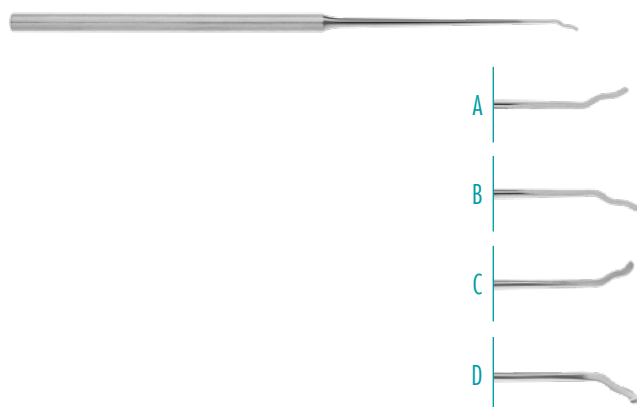
single curved, left 410-017-002

**THOMASSIN**

Dissector, double ended, double curved

180mm, 7"

410-162-180

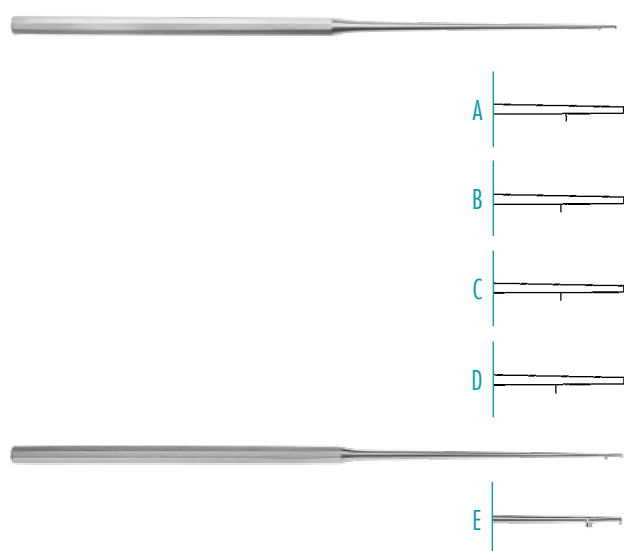
**WHIRLY-BIRD**

Knife, 15mm, 6",
0.75 x 5.0mm

A right curved	410-110-150
B left curved	410-110-151

1.0 x 5.0mm

C right curved	410-110-152
D left curved	410-110-153

**AUSTIN**

Measuring Probe, 160mm, 6¹/₄"

A Mark 3.5mm	410-142-135
B Mark 4.5mm	410-142-140
C Mark 4.5mm	410-142-145
D Mark 5.0mm	410-142-150

E with 3 lengths

Mark 3.5 / 4.0 / 4.5mm	410-142-166
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**FISCH**

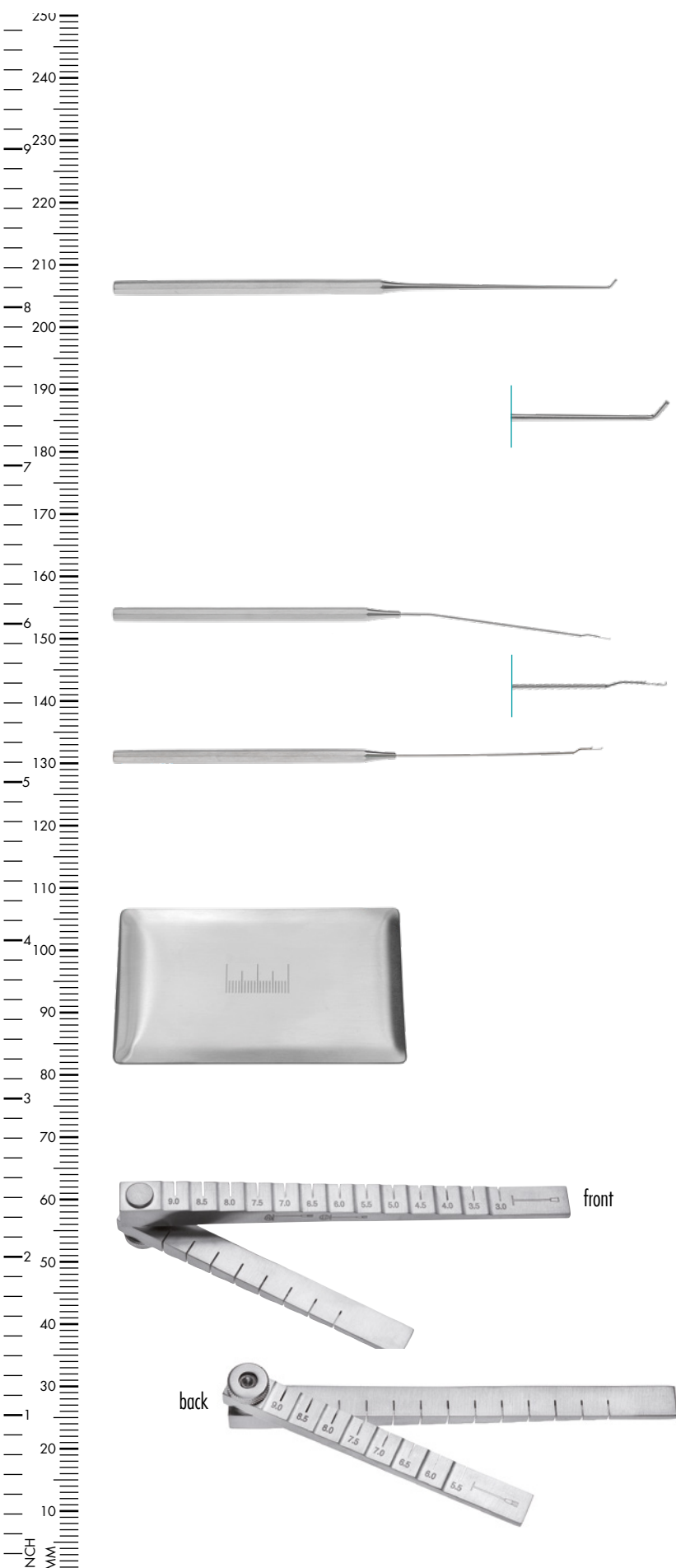
Caliper, 165mm, 6¹/₂"

0.4mm	410-137-004
0.6mm	410-137-006
0.8mm	410-137-008

**FISCH**

Perforator, 165mm, 6¹/₂"

0.3mm	410-137-013
0.4mm	410-137-014
0.5mm	410-137-015
0.6mm	410-137-016
0.7mm	410-137-017
0.8mm	410-137-018

**HOUSE**

Reference Instrument, octagonal handle,
160mm, 6¹/₄"

2.5mm	410-138-250
2.7mm	410-138-275
3.0mm	410-138-300
3.2mm	410-138-325
3.5mm	410-138-350
3.7mm	410-138-375
4.0mm	410-138-400
4.2mm	410-138-425
4.5mm	410-138-450
4.7mm	410-138-475
5.0mm	410-138-500

FISCH

Reference instrument,
3.5/ 4.0/ 4.5mm, 160mm, 6¹/₄"

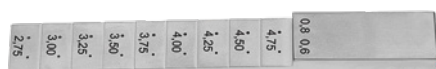
curved	410-142-161
straight	410-142-160

Preparation tray with mm scale,
stainless steel

92 x 54mm	410-143-000
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Universal Titanium Prosthesis Sizer,
measuring from 2.5 until 9.0mm

410-155-800



Piston Cutting Jig for Teflon Prosthesis

410-144-000



Measuring and cutting block for PTFE stapes prostheses, 0.4mm and 0.6mm

410-155-000



Tube Insertion Instrument

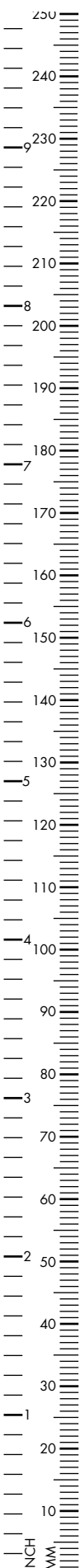
100mm, 4" working length 410-223-010



Micro measuring probe for stapedectomy and tympanoplasty, 180mm, 7"

0-7mm 410-142-180

0-8mm, detachable 410-141-180

**HEERMANN**

Handle for holding special chisels and gouges
410-144-017 - 410-144-030

410-144-100

**HEERMANN**

Gouge

0.7mm	410-144-007
1.0mm	410-144-010
1.5mm	410-144-015
1.7mm	410-144-017
3.0mm	410-144-030

**HEERMANN**

Gouge

0.7mm	410-144-107
1.0mm	410-144-110
1.5mm	410-144-115
3.0mm	410-144-130

**HEERMANN**

Mallet, hollow handle, narrow head

195mm, 7³/₄" 410-144-200

**SCHUKNECHT**

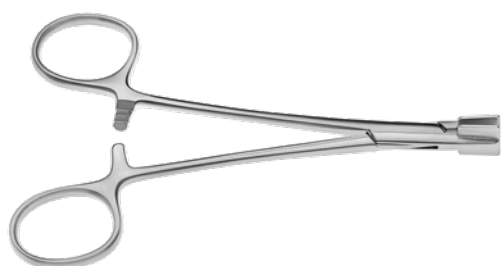
Bending Device for Stapes Prosthesis

410-145-000

**SHEA**

Vein Press

16mm	410-153-016
30mm	410-153-030



Vein Graft, press forceps, smooth square jaws
130mm, 5^{1/8}"

12x15mm	410-154-130
160mm, 6 ^{1/4} "	
11x14mm	410-154-160
180mm, 7"	
11x14mm	410-154-180
22x30mm	410-156-180
30x30mm	410-155-180

**WÜRZBURG**

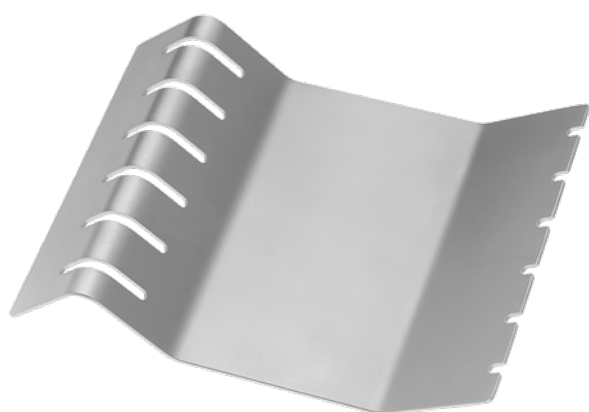
Rock leg holder, completely detachable

410-905-000



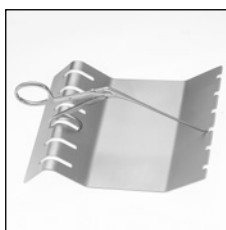
Micro Container with lid and bottom
perforation, with textile «Longterm» filter

200 x 140 x 45mm	600-402-140
280 x 195 x 45mm	600-402-195
265 x 255 x 45mm	600-402-255
380 x 260 x 50mm	600-402-260



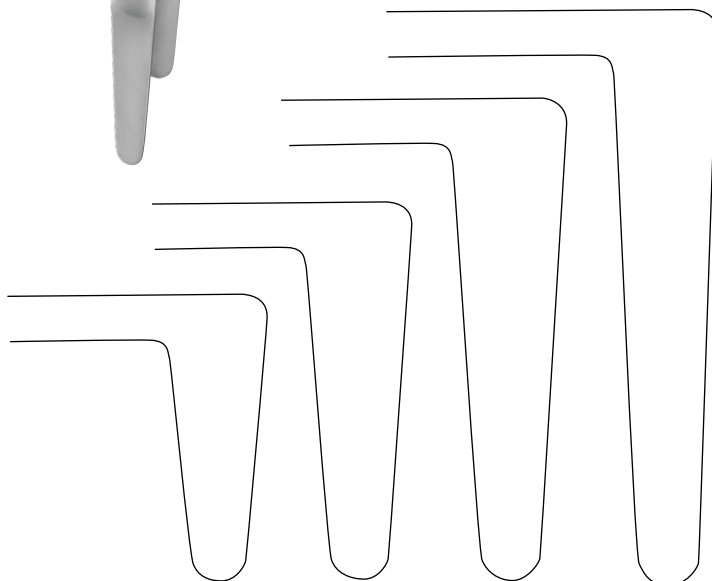
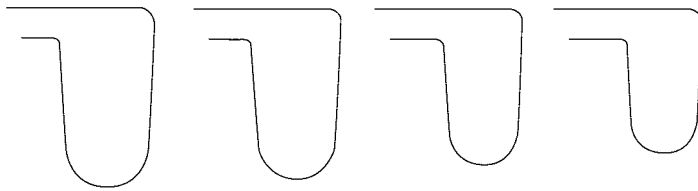
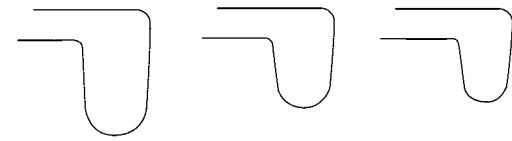
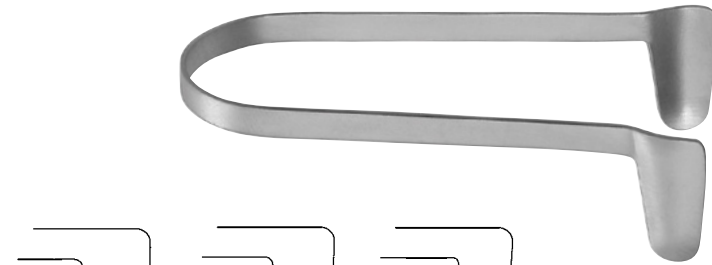
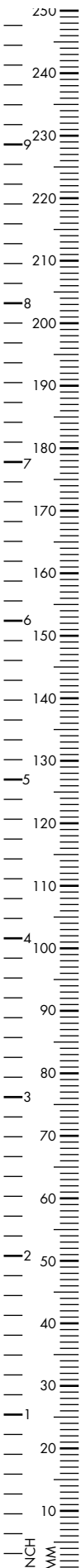
Instrument Rack for 6 ear forceps

600-150-005



RHINOLOGY



**THUDICHUM (MARK HOVELL)**

Nasal Specula, 70mm, 2 1/2"

8.5 x 6.0mm	420-050-001
9.0 x 7.0mm	420-050-002
12.5 x 8.0mm	420-050-003
15.0 x 8.5mm	420-050-004
18.0 x 10.0mm	420-050-006
19.5 x 10.5mm	420-050-007

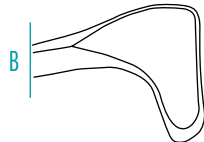
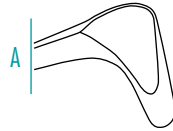
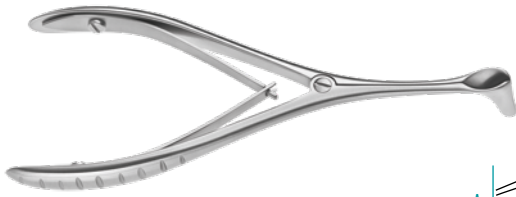
insulated

8.5 x 6.0mm	420-050-101
9.0 x 7.0mm	420-050-102
12.5 x 8.0mm	420-050-103
15.0 x 8.5mm	420-050-104
18.0 x 10.0mm	420-050-106
19.5 x 10.5mm	420-050-107

ST. CLAIR THOMPSON

Nasal Specula, 73mm, 2 1/2"

38mm	420-052-001
50mm	420-052-002
65mm	420-052-003
75mm	420-052-004

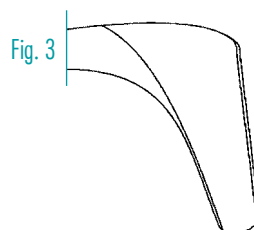
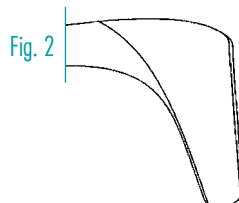
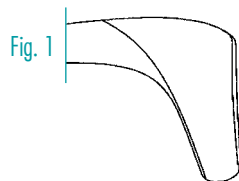
**TIECK-HALLE**Nasal Specula, 135mm, 5¹/₃"

A	Infants, 17.5mm	420-140-135
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B	Children, 21.0mm	420-142-135
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**BECKMANN**Nasal Specula, Infants, curved sideways,
17.5mm

130mm, 5 ¹ / ₈ "	420-147-140
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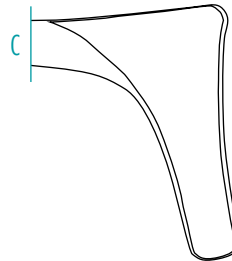
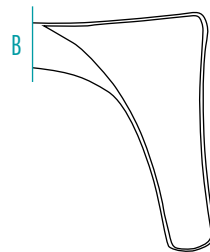
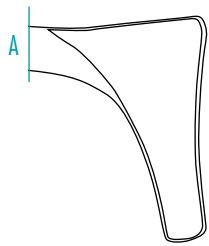
**BECKMANN**

Nasal Specula, 150mm, 6"

Fig. 1	22mm	420-148-150
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Fig. 2	25mm	420-146-152
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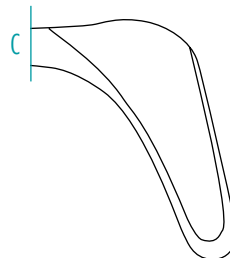
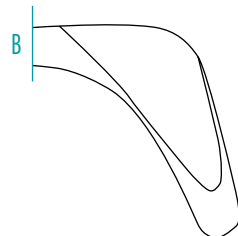
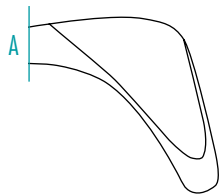
Fig. 3	28mm	420-146-153
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**HARTMANN**Nasal Specula, 160mm, 6¹/₄"

A Fig. 1 420-119-001
29 x 7mm

B Fig. 2 420-119-002
33 x 7mm

C Fig. 3 420-119-003
35 x 7mm

**HARTMANN-HALLE**Nasal Specula, 155mm, 6¹/₈"

A Fig. 1, 27mm 420-121-150

B Fig. 2, 31mm 420-122-150

C Fig. 3, 37mm 420-123-150

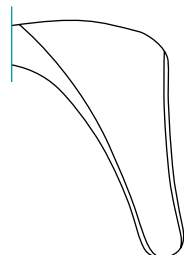
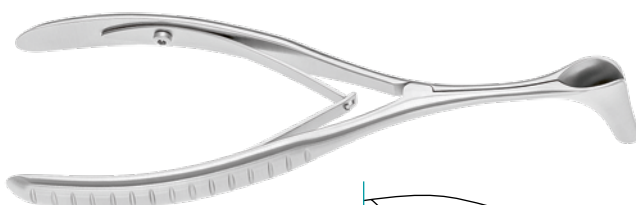
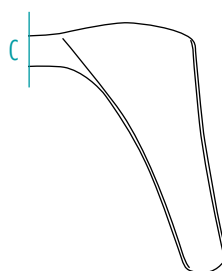
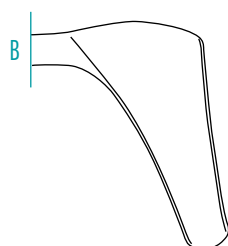
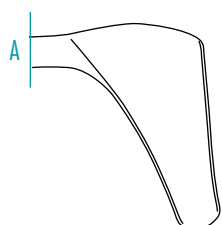
**HARTMANN-HALLE**Nasal Speculum, tapered blade, aseptic joint, 155mm, 6¹/₈"

Fig. 2, 33mm 420-124-033

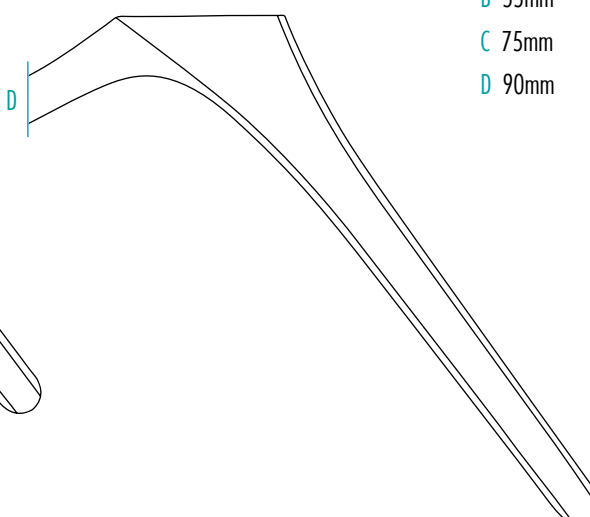
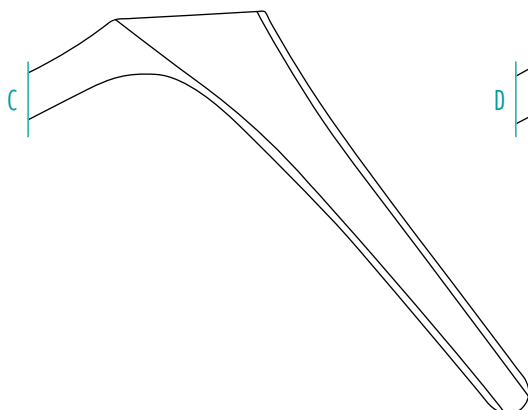
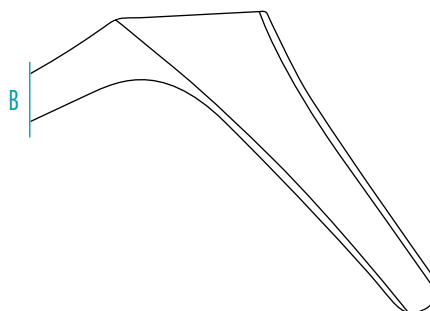
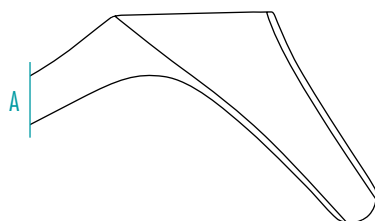
**MOD. VIENNA**

Nasal Specula, 130mm, 5 1/8"

A Fig. 1
28 x 7mm 420-100-001

B Fig. 2
30 x 7mm 420-100-002

C Fig. 3
32 x 7mm 420-100-003

**KILLIAN-STRUYCKEN**

Nasal Speculum, aseptic joint, 140mm, 5 1/2"

A 40mm 420-147-040

B 55mm 420-147-055

C 75mm 420-147-075

D 90mm 420-147-090



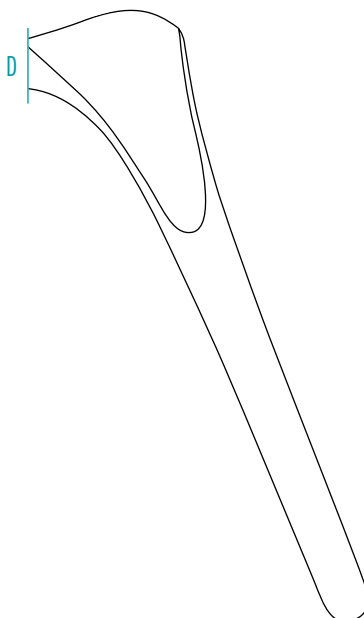
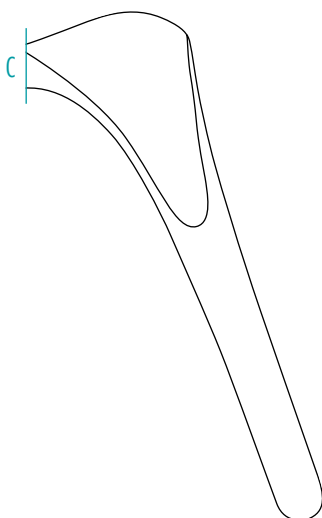
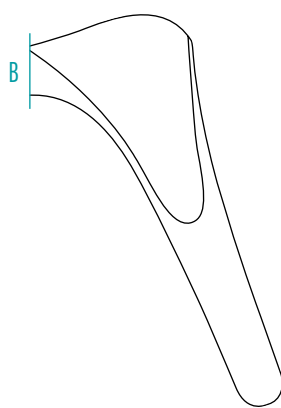
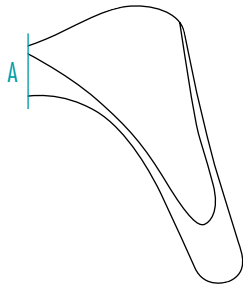
with locking screw

A 40mm 420-146-040

B 55mm 420-146-055

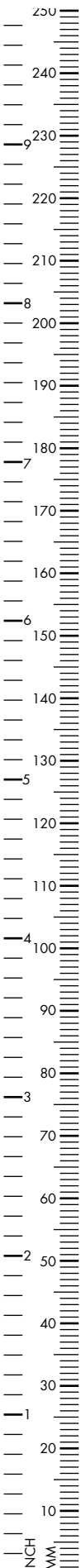
C 75mm 420-146-075

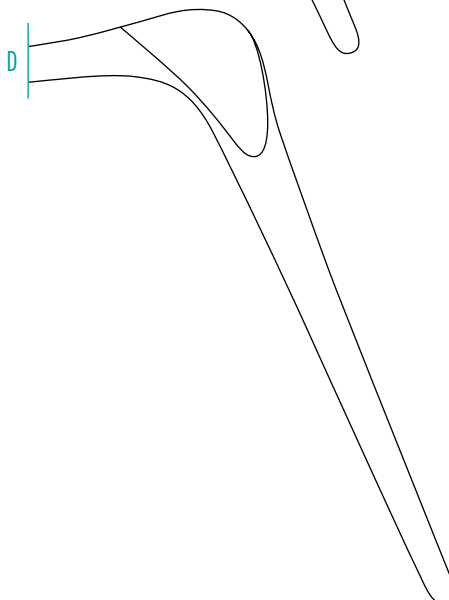
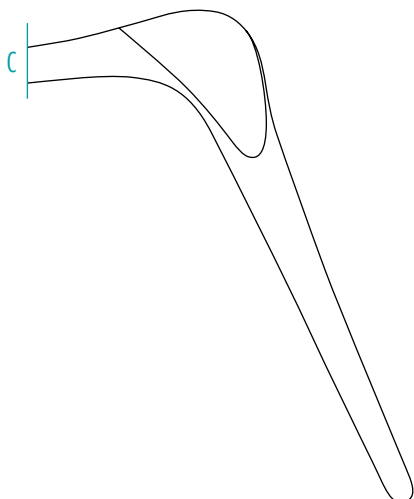
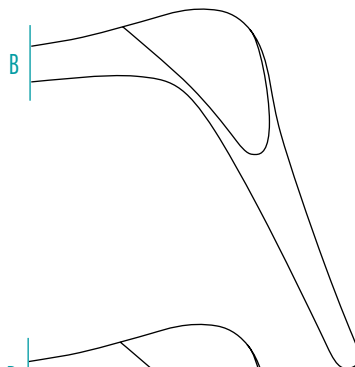
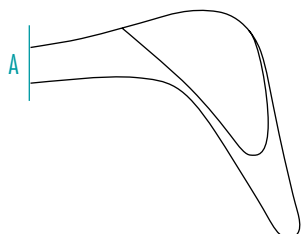
D 90mm 420-146-090

**KILLIAN**

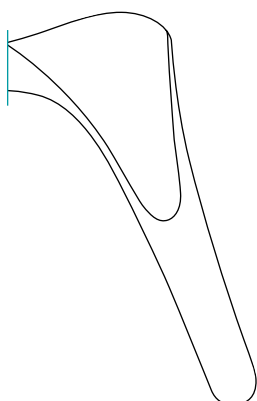
Nasal Speculum, aseptic joint, 140mm, 5 1/2"

A 40mm	420-143-040
B 55mm	420-143-055
C 75mm	420-143-075
D 90mm	420-143-090



**COTTLE**Nasal Speculum, aseptic joint, 130mm, 5¹/₈"

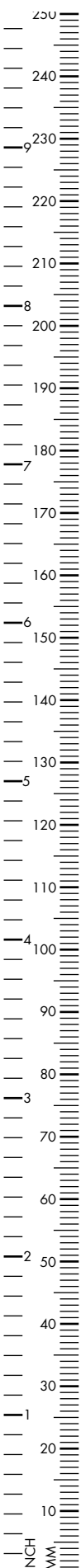
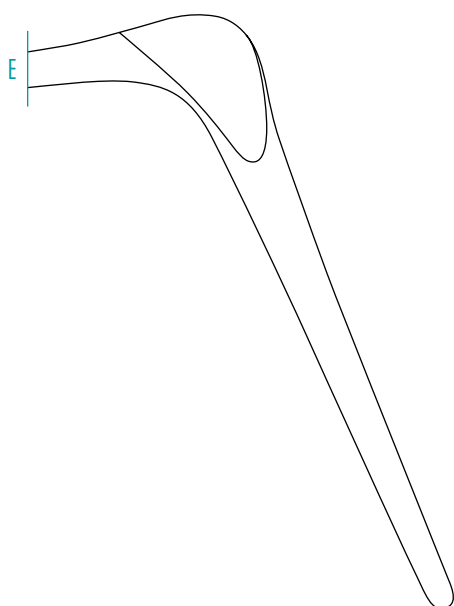
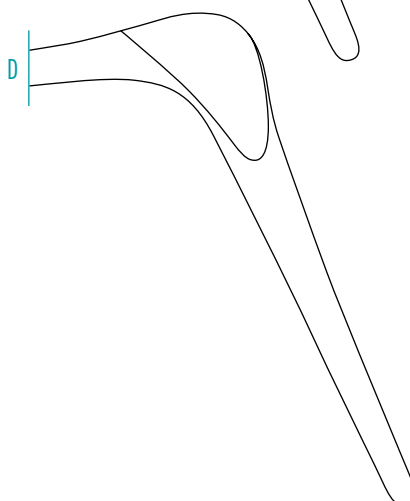
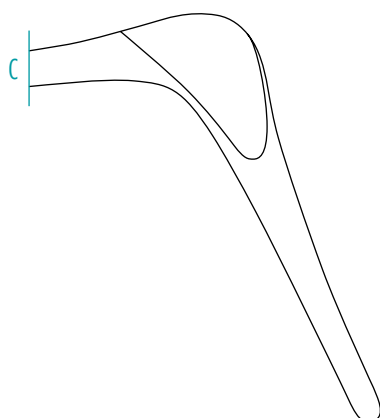
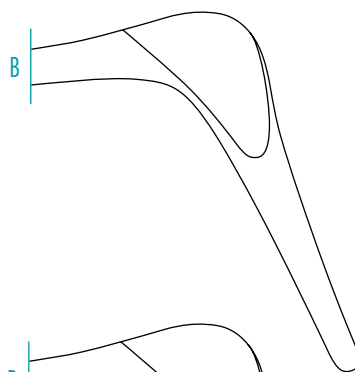
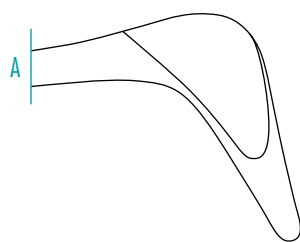
A 35mm	420-132-035
B 50mm	420-132-055
C 75mm	420-132-075
D 90mm	420-132-090

**KILLIAN-WALTER**Nasal Speculum, thin blades, aseptic joint,
140mm, 5¹/₂"

55mm	420-138-055
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**COTTLE**Nasal Speculum, aseptic joint, 130mm, 5¹/₈"

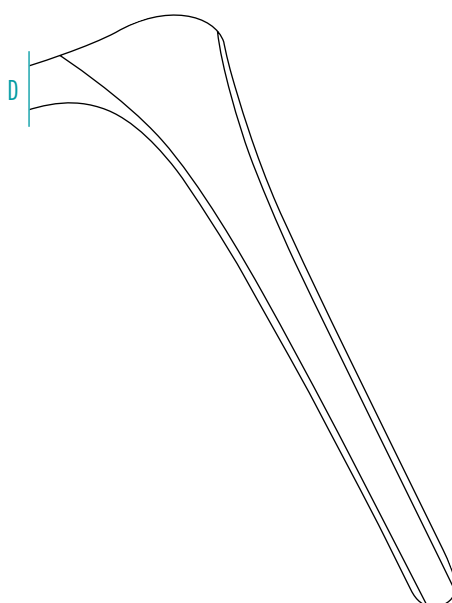
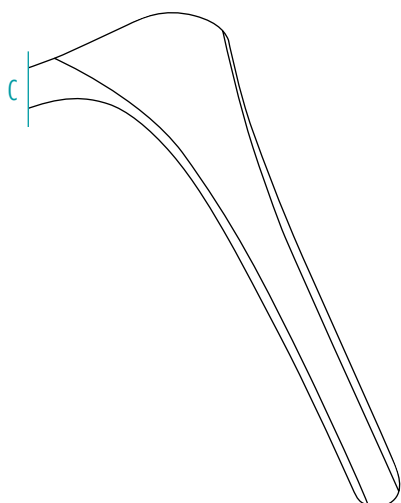
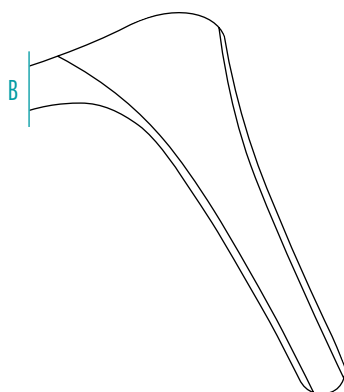
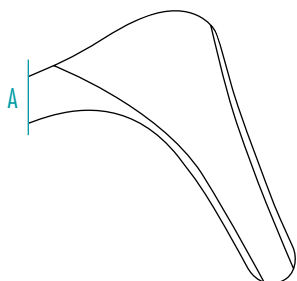
A 35mm	420-135-035
B 55mm	420-135-055
C 65mm	420-135-065
D 75mm	420-135-075
E 90mm	420-135-090

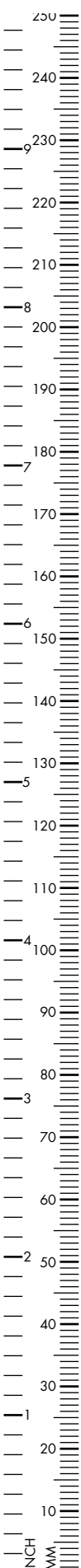


**COTTLE**

Nasal Speculum, aseptic joint,
with detachable cold light carrier,
140mm, 5^{1/2}"

A 40mm	420-743-040
B 55mm	420-743-055
C 75mm	420-743-075
D 90mm	420-743-090





Flexible Arm, complete with holding rod,
without rotating clamp

A 251-010-000

Rotating clamp for flexible tension arm
attachable to operating table

B 251-010-100

Nasal Specula Clamp for flexible arm

C 251-010-400

AUFRICHT

Nasal Specula for flexible arm

D 251-010-500

AUFRICHT

Nasal Hook, 2 prongs, for flexible arm

E 251-010-600



B



C



D

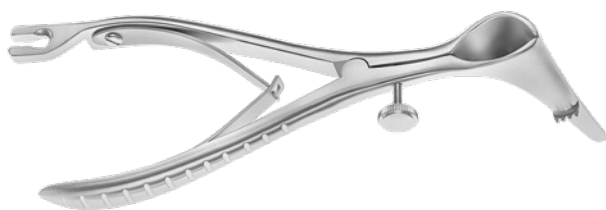


E

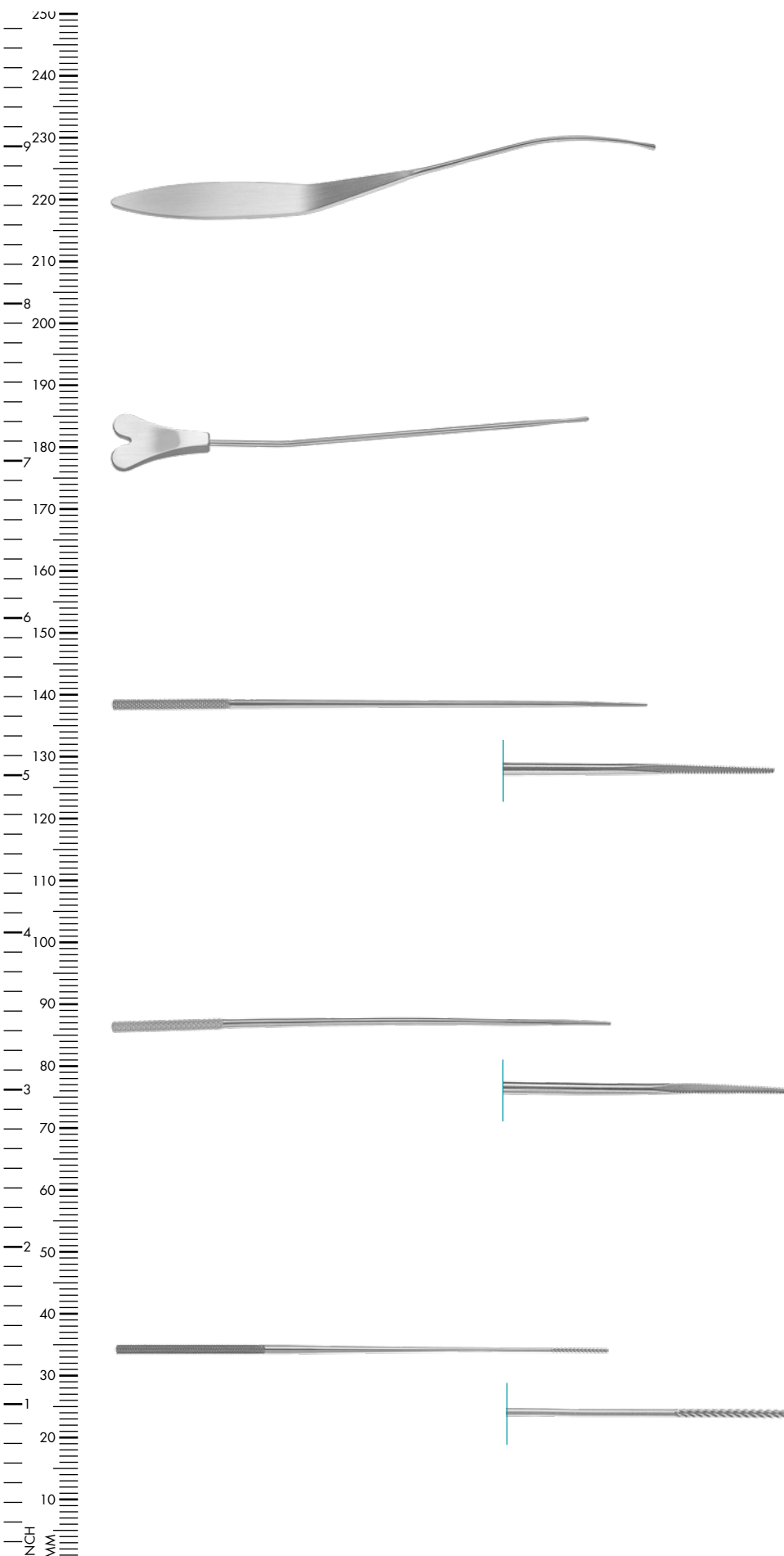
**COTTLE MASING**

Nasal Specula for flexible arm

35mm	420-140-035
50mm	420-140-050
75mm	420-140-075
90mm	420-140-090
100mm	420-140-100

Sinus Specula for flexible arm,
with teeth

left: 55mm right: 35mm	420-150-001
left: 35mm right: 55mm	420-150-002
left: 65mm right: 45mm	420-150-003
left: 45mm right: 65mm	420-150-004
left: 75mm right: 35mm	420-150-005
left: 35mm right: 75mm	420-150-006
left: 75mm right: 40mm	420-150-007
left: 40mm right: 75mm	420-150-008

**KILLIAN**

Nasal Probe, slightly curved, Ø 1.5mm

165mm, 6 1/2"

420-150-165

Nasal Probe, knee angled, Ø 1.4mm

160mm, 6 1/4"

420-150-160

FARRELLApplicator, triangulated serrated end,
Ø 1.2mm

165mm, 6 1/2"

160-426-165

Nasal Applicator, triangulated serrated end,
Ø 1.1mm

160mm, 6 1/4"

160-426-160

FARRELL (LATHBURY-UEBE)Cotton Applicator, threaded,
Ø 1.2mm

165mm, 6 1/2"

160-420-165



Cotton Applicator, rough spiral end,
180mm, 7"

Ø 1.5mm 160-412-180

Ø 1.8mm 160-411-180



SIEBENMANN

Nasal Plugger

180mm, 7" 420-150-180



JANSEN

Nasal Dressing Forceps, bayonet shaped,
serrated jaws

160mm, 6^{1/4}" 410-395-160



GRUENWALD

Nasal Dressing Forceps, bayonet shaped,
serrated jaws

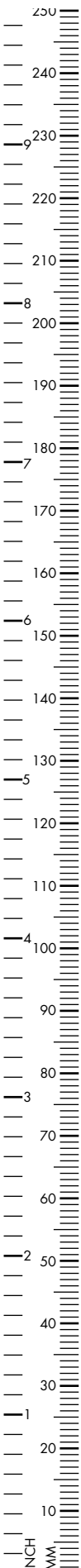
200mm, 8" 410-389-190



TROELTSCH (WILDE)

Nasal Dressing Forceps, knee bent

170mm, 6^{2/3}" 420-375-165

Suction Tube, 165mm, 6¹/₂"

Ø 3.0mm	410-165-030
Ø 3.5mm	410-165-035
Ø 4.5mm	410-165-045

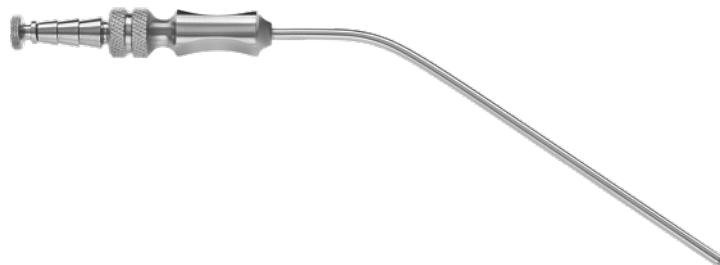
Suction Tube, 195mm, 7²/₃"

Ø 4.5mm	410-195-045
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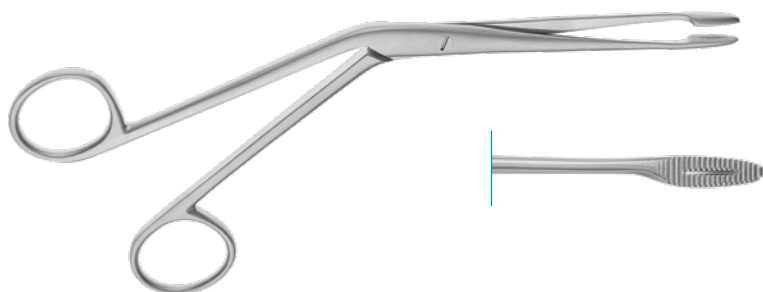


Nasal Suction Tube, Ø5mm, Ø6.5mm tip

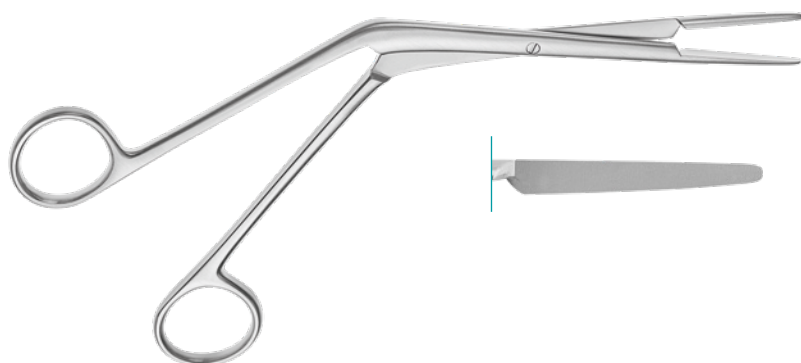
180mm, 7"	165-064-160
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**FRAZIER**Suction Tube, 190mm, 7¹/₂"

Ø 1.6mm, 5 Charr.	165-523-005
Ø 2.0mm, 6 Charr.	165-523-006
Ø 2.3mm, 7 Charr.	165-523-007
Ø 2.5mm, 8 Charr.	165-523-008
Ø 3.0mm, 9 Charr.	165-523-009
Ø 3.3mm, 10 Charr.	165-523-010
Ø 3.6mm, 11 Charr.	165-523-011
Ø 4.0mm, 12 Charr.	165-523-012
Ø 5.0mm, 15 Charr.	165-523-015

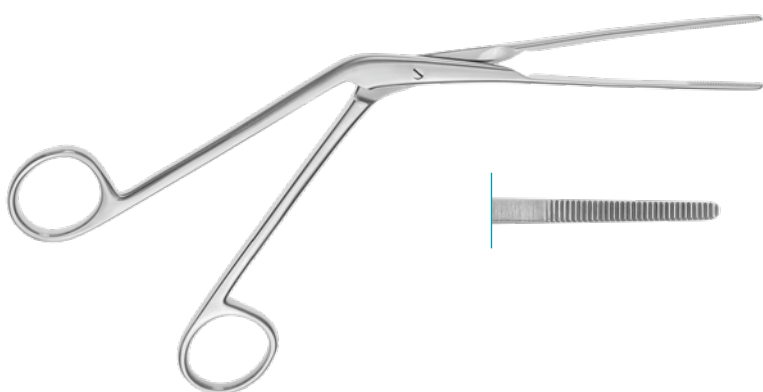
**HARTMANN**

Nasal Dressing Forceps

215mm, 8^{1/2}" 420-211-200175mm, 6^{7/8}" 420-211-160**LUBET-BARBON**

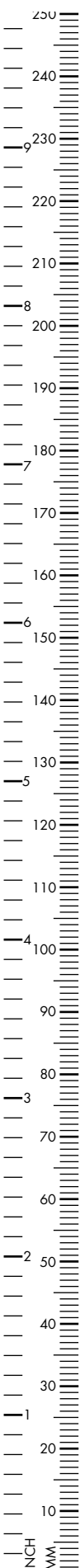
Polypus Forceps, smooth jaws

200mm, 8" 420-210-200

**WEST**

Nasal Dressing Forceps

200mm, 8" 420-411-200



YANKAUER
Nasal Dressing Forceps

420-210-175



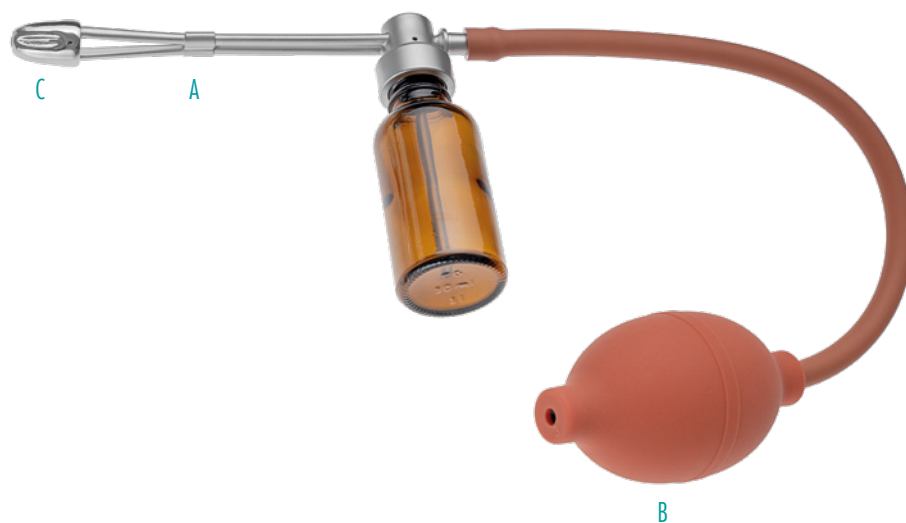
TILLEY
Nasal Dressing Forceps, serrated

130mm, 6¹/₄" 410-232-140



STRUEMPEL
Forceps, 2.5mm spoon

130mm, 6¹/₄" 410-338-234



Universal Atomizer, complete set

410-228-000

A Liquid Atomizer only

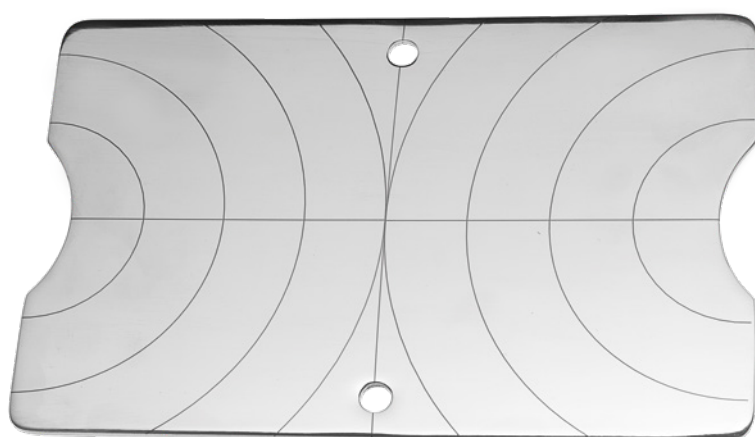
410-228-050

B Rubber Bulb only

410-228-100

C Nose Guard only

410-228-010

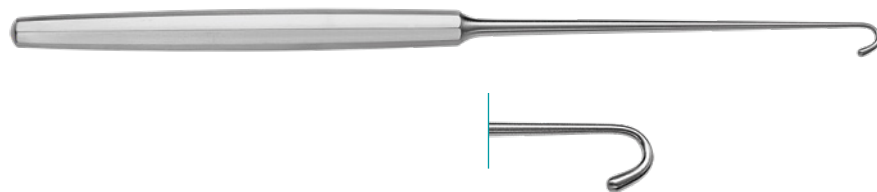


GLATZEL

Nasal Mirror, 200 x 130mm

200 x 130mm

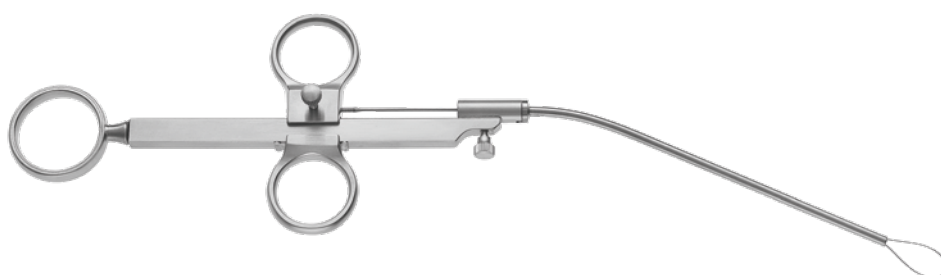
420-001-000

**LANGE**

Choana hook

230mm, 9"

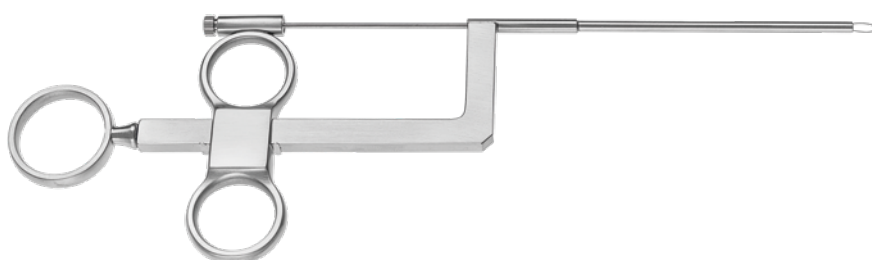
420-413-230

**KRAUSE**

Nasal Polypus Snare, knee bent

250mm, 9⁷/₈"

420-201-260

**WILDE**

Nasal Polypus Snare, bayonet shaped

250mm, 9⁷/₈"

410-270-250



Wire loops for nasal polyp snares,
package of 100pcs.

Ø 3.0mm

420-210-003



Snare Wire in coils, Ø 3.0mm,
1 coil of 10 meters

420-210-013

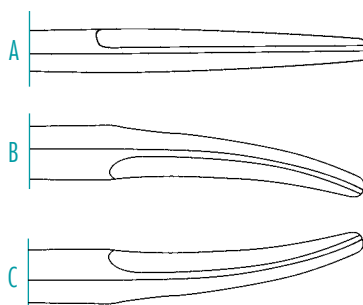
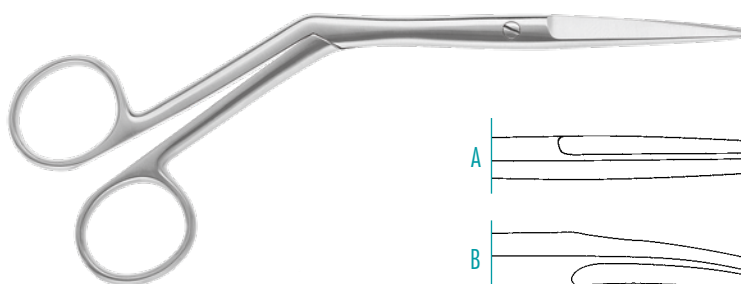


HEYMAN KNIGHT

Nasal Scissors, knee bent

180mm, 7"

120-283-180



HEYMANN

Nasal Scissors, serrated upper blade,
190mm, 7^{1/2}"

A straight 120-284-180

B right curved 120-287-180

C left curved 120-285-180

**HEYMANN**

TC Nasal Scissors, straight, serrated

195mm, 7³/₄"

120-585-180

**KIRSTEIN**

Nasal Scissors, serrated

180mm, 7"

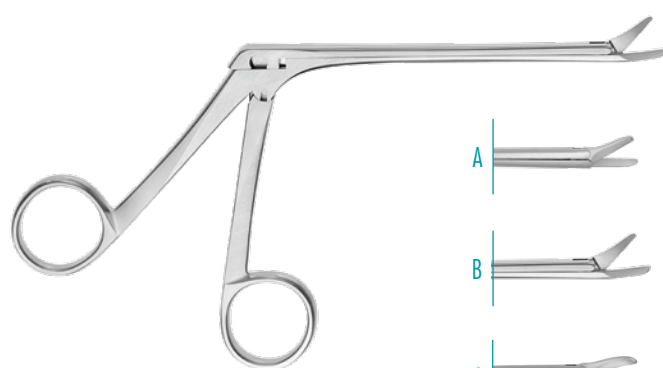
120-285-175

**OLIVECRONA**

Nasal Scissors, serrated

230mm, 9"

120-208-230

Nasal Scissors, serrated upper blade,
120mm, 4³/₄"

A

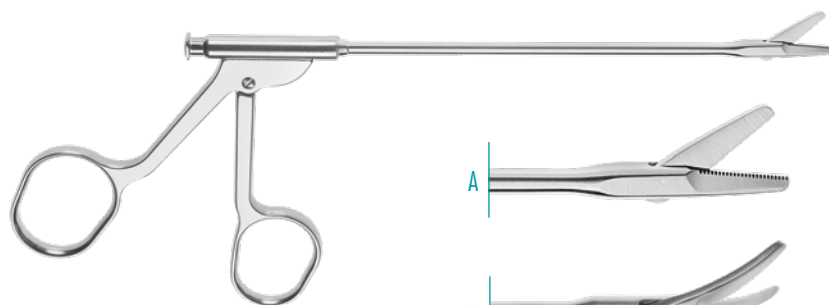
B

C

A straight 420-414-120

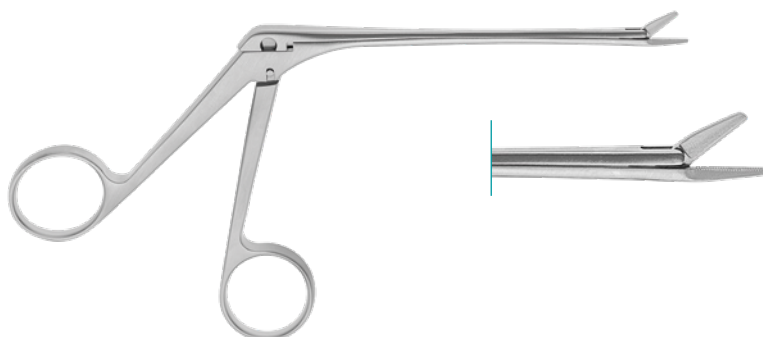
B left curved 420-415-120

C right curved 420-416-120



Nasal Scissors, Ø 3.5mm
130mm, 5^{1/8}"

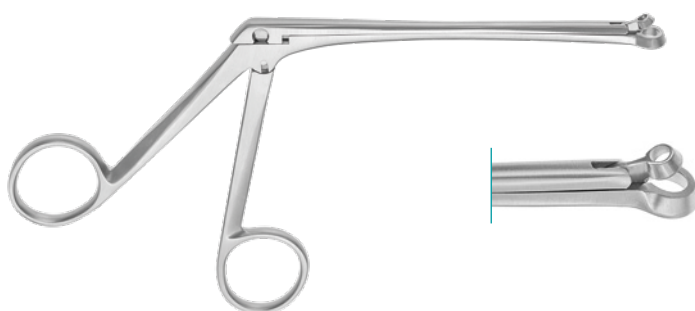
A straight	252-023-130
B left curved	252-024-130
C right curved	252-025-130
D curved up	252-026-130



ZÜRICH

Scissors, small

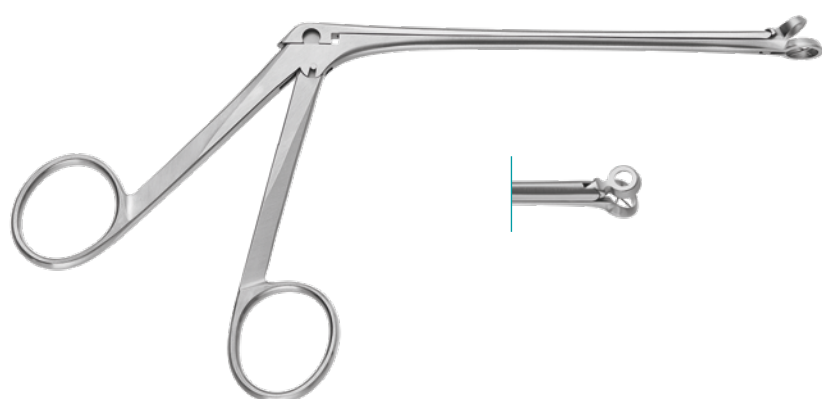
120mm, 4 ^{3/4} "	420-414-115
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HARTMANN

Nasal Cutting Forceps, through-cutting,
120mm, 4^{3/4}"

5mm	420-407-005
7mm	420-407-007
9mm	420-407-009
11mm	420-407-011

**MELZER**

Adenoid Punch, through cutting,
round, with basket, 140mm, 5¹/₂"

Fig. 1, 7mm 420-401-001

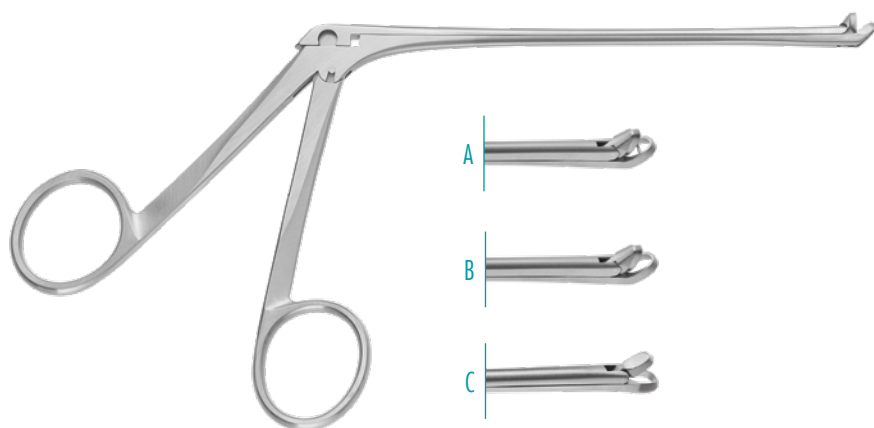
Fig. 2, 8mm 420-401-002

**GRUENWALD-HENKE**

Nasal Cutting Forceps, through-cutting,
120mm, 4³/₄"

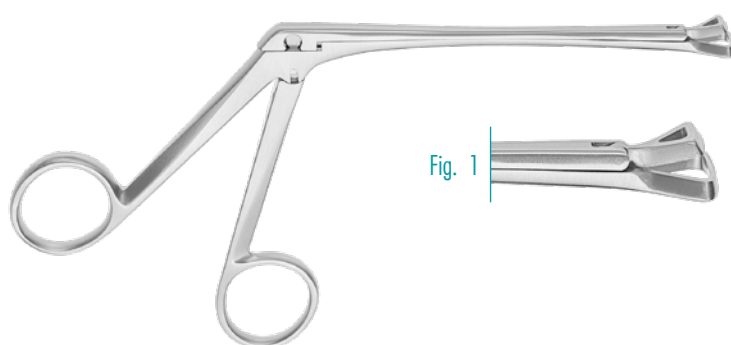
Fig. 1,
3.5 x 11mm 420-405-120

Fig. 2,
2.0 x 9.5mm 420-406-120

**WATSON-WILLIAMS**

Nasal Forceps, through-cutting, upcurved,
3mm bite, 140mm, 5½"

A	420-418-140
B	420-419-140
C	420-420-140

**SCHMEDEN**

Nasal Cutting Forceps, through-cutting,
120mm working length, 190mm, 7½"

Fig. 1	420-401-190
Fig. 2	420-402-190

**MELZER**

Adenoid Forceps, through-cutting, triangular,
140mm, 5½"

Fig. 0, 6mm	420-401-100
Fig. 1, 7mm	420-401-101
Fig. 2, 8mm	420-401-102
Fig. 3, 10mm	420-401-103

**STRUYCKEN**

Nasal Cutting Forceps, through-cutting

120mm, 4^{3/4}"

420-409-120

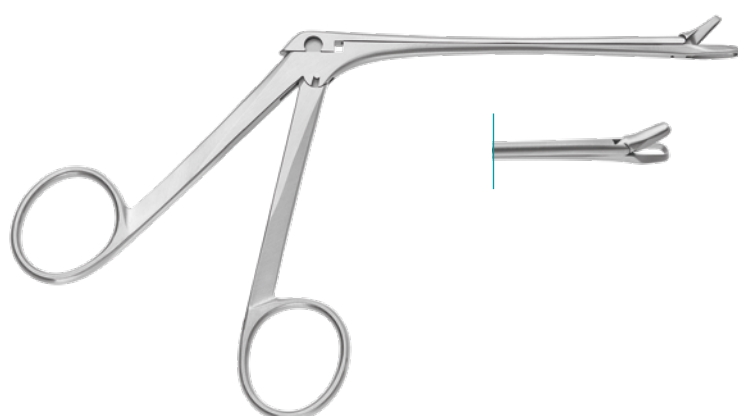
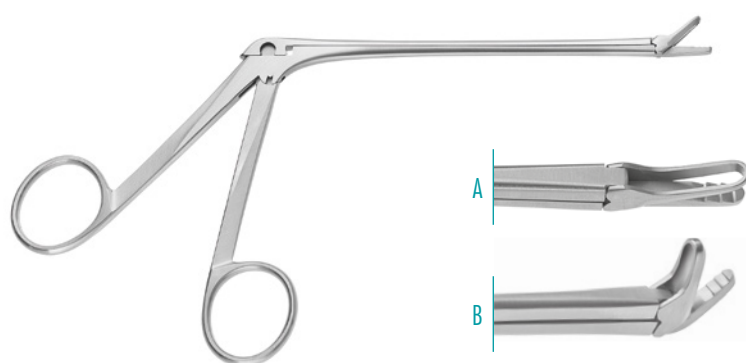
**GRUENWALD**Nasal Forceps, oval bite, 115mm, 4^{1/2}"

Fig. 1, 3.0mm 420-421-001

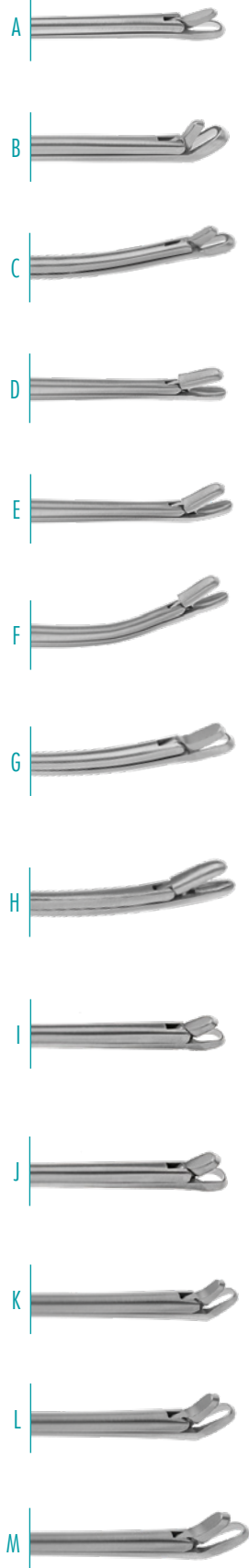
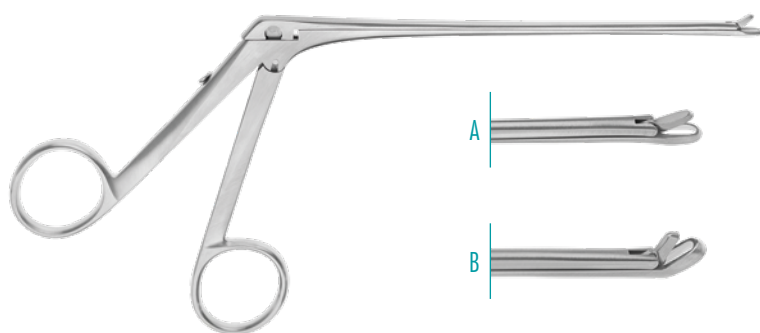
Fig. 2, 3.5mm 420-421-002

Fig. 3, 4.0mm 420-421-003

**MYLES**Nasal Cutting Forceps, through-cutting,
130mm, 5^{1/8}"

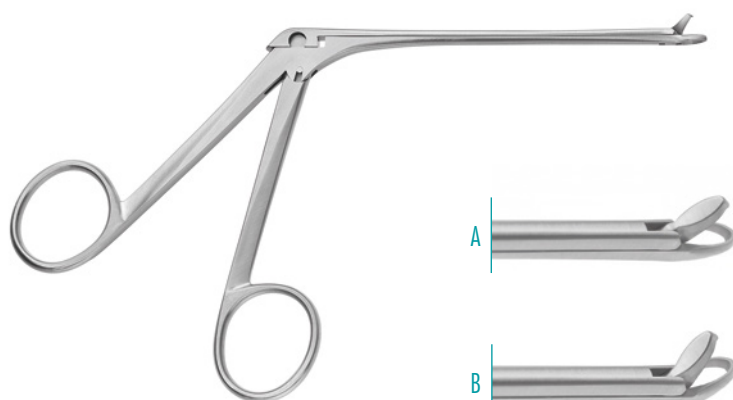
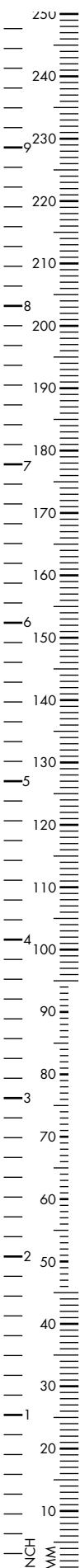
A straight, flat 420-410-140

B 30° upcurved 420-413-140

**MORIYAMA**

Conchotom, through-cutting, 140mm, 5½"

A Size 1, straight, delicate	252-200-001
B Size 2, upcutting, delicate	252-200-002
C Size 3, shaft upcurved, delicate	252-200-003
D Size 4, straight, oval cups, delicate	252-200-004
E Size 5, upwards, oval cups, delicate	252-200-005
F Size 6, shaft upcurved, oval cups, delicate	252-200-006
G Size 8, sheath upcurved	252-200-008
H Size 9, shaft upwards, oval cups	252-200-009
I Size 10, straight, small size, 115mm, 4½"	252-200-010
J Size 11, straight, large size, 115mm, 4½"	252-200-011
K Size 12, upwards, small size, 115mm, 4½"	252-200-012
L Size 13, upwards, medium size, 115mm, 4½"	252-200-013
M Size 14, upwards, large size, 115mm, 4½"	252-200-014



smooth

**BLAKESLEY**Nasal Forceps, through cutting, smooth,
115mm, 4 1/2"**A** straight

2.0mm bite	252-200-110
2.5mm bite	252-200-111
3.0mm bite	252-200-112
3.5mm bite	252-200-113
4.0mm bite	252-200-114
5.0mm bite	252-200-115

B upcurved

2.0mm bite	252-201-110
2.5mm bite	252-201-111
3.0mm bite	252-201-112
3.5mm bite	252-201-113
4.0mm bite	252-201-114
5.0mm bite	252-200-115

C left curved

2.5mm bite	252-202-111
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D right curved

2.5mm bite	252-203-111
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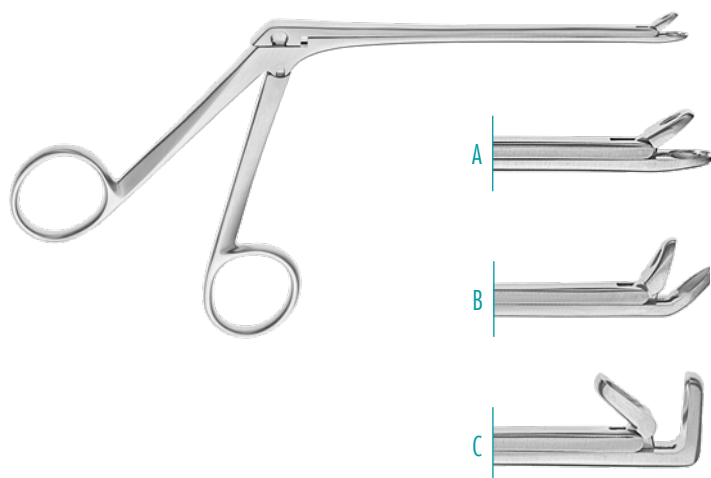
serrated

**BLAKESLEY**Nasal Forceps, through cutting, serrated,
115mm, 4 1/2"**A** straight

2.0mm bite	252-204-110
2.5mm bite	252-204-111
3.0mm bite	252-204-112
3.5mm bite	252-204-113
4.0mm bite	252-204-114

B upcurved

2.0mm bite	252-205-110
2.5mm bite	252-205-111
3.0mm bite	252-205-112
3.5mm bite	252-205-113
4.0mm bite	252-205-114

**WEIL-BLAKESLEY**

Ethmoidal Forceps, oval cup, fenestrated jaws, 120mm, 4"

A straight

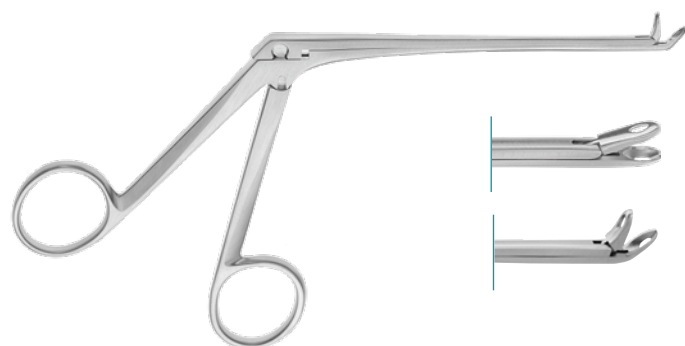
Fig. 0, 3.0mm	252-000-120
Fig. 1, 3.6mm	252-001-120
Fig. 2, 4.2mm	252-002-120
Fig. 3, 4.8mm	252-003-120
Fig. 4, 5.6mm	252-004-120

B upwards curved

Fig. 0, 3.0mm	252-000-121
Fig. 1, 3.6mm	252-001-121
Fig. 2, 4.2mm	252-002-121
Fig. 3, 4.8mm	252-003-121
Fig. 4, 5.6mm	252-004-121

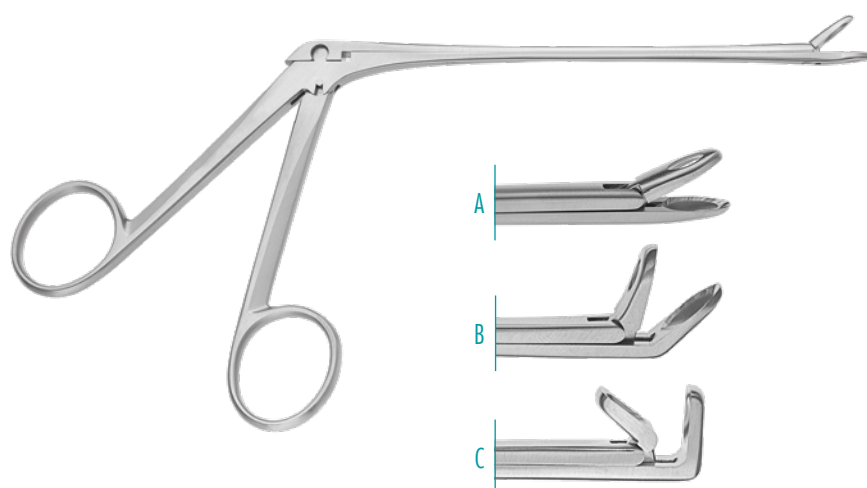
C 90° upwards curved

Fig. 0, 3.0mm	252-000-122
Fig. 1, 3.6mm	252-001-122
Fig. 2, 4.2mm	252-002-122
Fig. 3, 4.8mm	252-003-122
Fig. 4, 5.6mm	252-004-122

**STRUEMPEL-VOSS**

Ethmoidal Forceps, Ø2.5mm, 110mm, 4 1/3"

straight	252-144-121
upcurved jaws	252-000-111

**BLAKESLEY**

Nasal Forceps, 150mm, 6"

A straight / 0°

Size 1, 3.5mm	252-035-150
Size 2, 4.0mm	252-040-150
Size 3, 5.0mm	252-050-150

B 45° upcurved

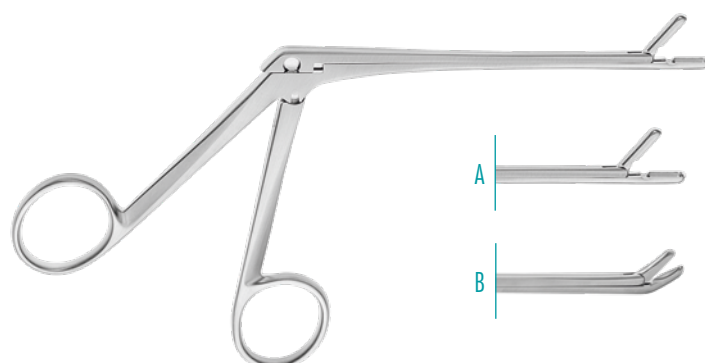
Size 1, 3.5mm	252-035-151
Size 2, 4.0mm	252-040-151

C 90° upcurved

Size 1, 3.5mm	252-035-152
Size 2, 4.0mm	252-040-152

**TILLEY HENCKEL**Ethmoid Punch, straight, 100mm, 4¹/₃"

Ø 4.5mm	252-022-045
Ø 5.5mm	252-022-055
Ø 6.5mm	252-022-065

**TAKAHASHI**Ethmoidal Forceps, oval, cup-shaped, 110mm, 4¹/₃"**A** straight

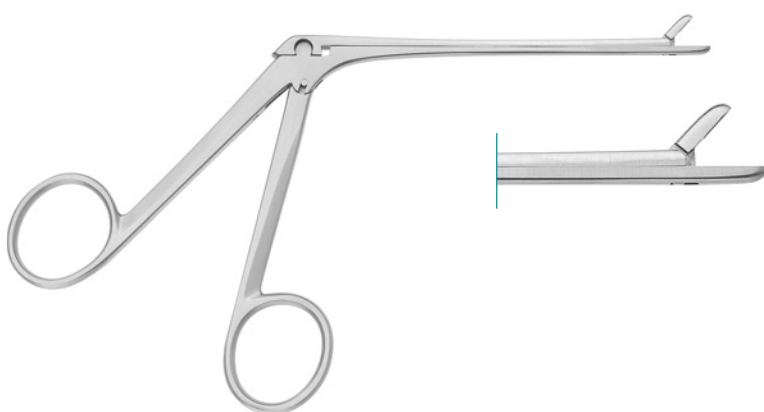
2.5mm	252-410-130
3.0mm	252-410-131
4.0mm	252-410-132

150mm, 6"

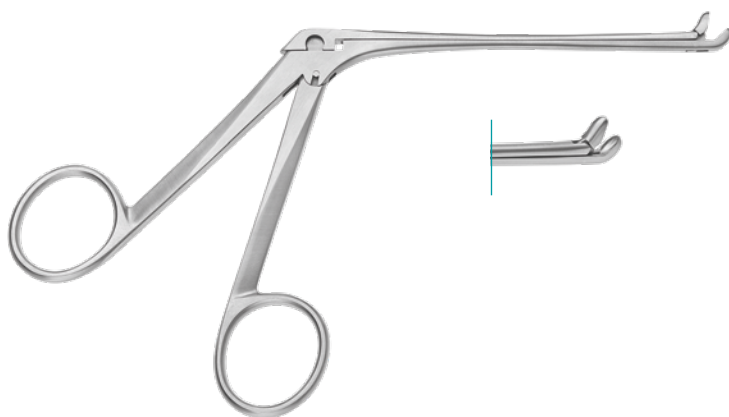
3.0mm	252-410-151
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B upcurved, 110mm, 4¹/₃"

3.0mm	252-413-131
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**ST BARTS**Rongeur, 3mm, 110mm, 4¹/₃"

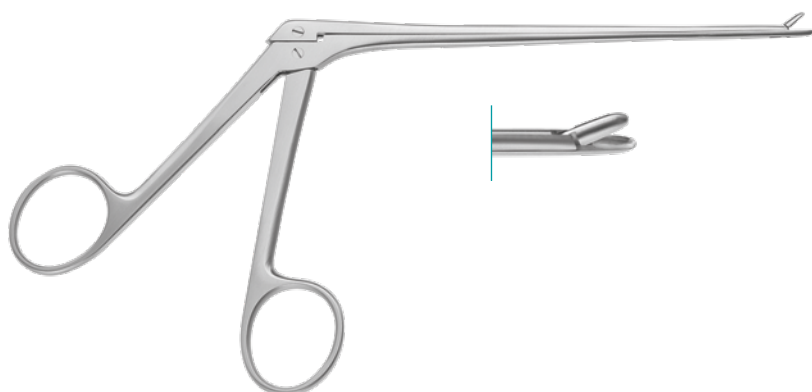
straight	252-536-115
curved up	252-537-115
curved down	252-538-115

**BEAD**

Nasal Forceps, cup jaws, upturned

115mm, 4 1/2"

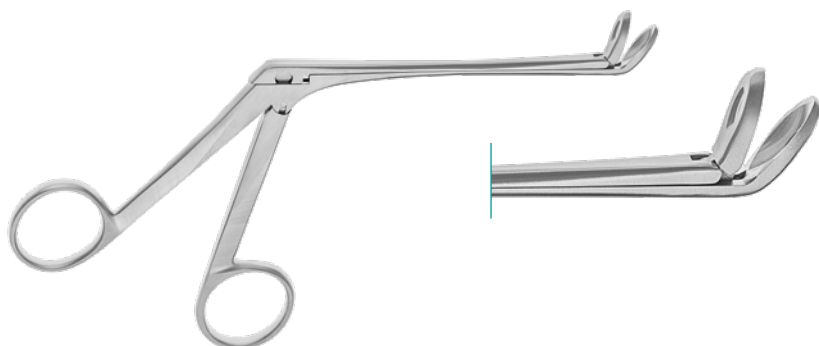
252-425-115



Ethmoidal Forceps, straight

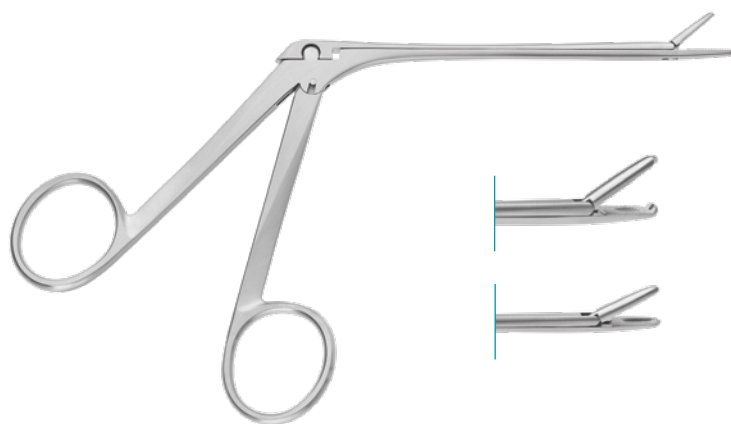
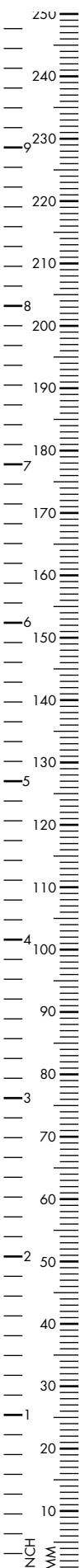
140mm, 5 1/2"

252-534-100

**BLAKESLEY**Conchotom with spoon, 6x14mm,
60° bent up

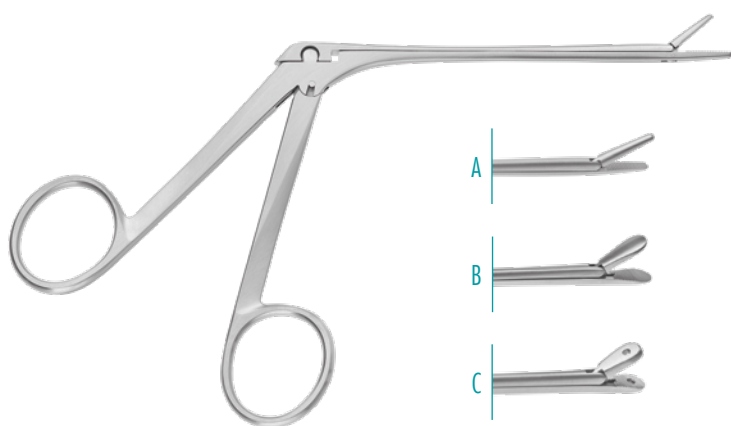
115mm, 4 1/2"

252-551-204

**NOYES**

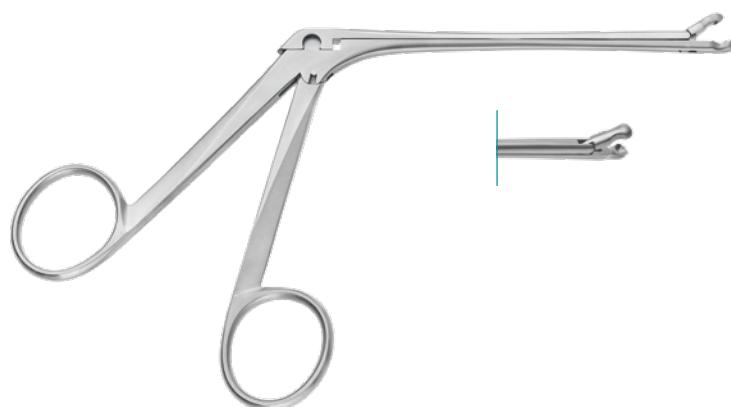
Nasal Forceps, serrated jaws

serrated, 1x2 teeth	252-526-115
serrated	252-527-115



Nasal Forceps, serrated jaws

A MORGENSTEIN	252-528-115
B BLAKESLEY	252-529-115
C FERRIS-SMITH	252-530-115



Sinus Cup Forceps, round cups, Ø 3.5mm

115mm, 4 1/2"	252-426-100
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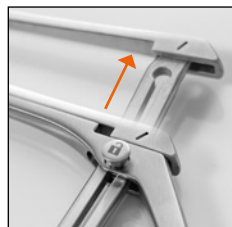
Zliders - slide to clean

The cleaning of complex surgical instruments requires different processes, compared to conventional reusable instruments. For the most difficult-to-clean instruments cleaning is done manually which makes it time and cost consuming.

The new solution to avoid complex and manual processes is the "one part detachable" instrument.



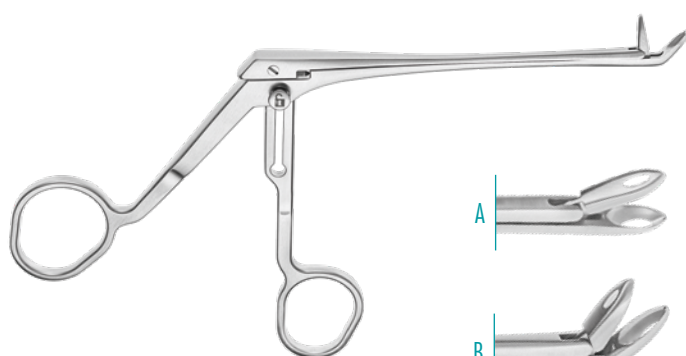
PRESS



SLIDE



OPEN



BLAKESLEY

Nasal Forceps, 120mm working length,

A straight

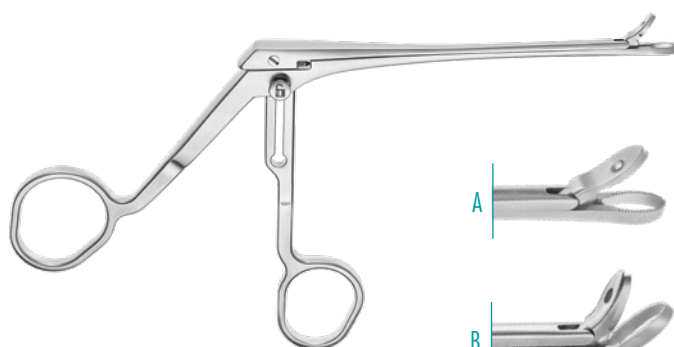
2.5mm	252-725-120
3.0mm	252-730-120
3.5mm	252-735-120
4.0mm	252-740-120
4.5mm	252-745-120

B 45° upwards

3.0mm	252-730-121
3.5mm	252-735-121
4.0mm	252-740-121

C 90° upwards

2.5mm	252-725-122
3.0mm	252-730-122
3.5mm	252-735-122
4.0mm	252-740-122



BLAKESLEY

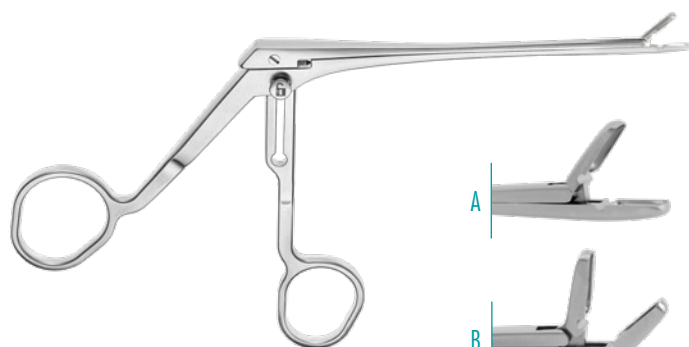
Punch, 120mm working length,

A straight

1.9 x 4.0mm	252-720-120
2.5 x 6.0mm	252-726-120
3.0 x 7.0mm	252-731-120

B 45° upwards

1.9 x 4.0mm	252-721-120
2.5 x 6.0mm	252-727-120
3.0 x 7.0mm	252-732-120

**TAKAHASHI**

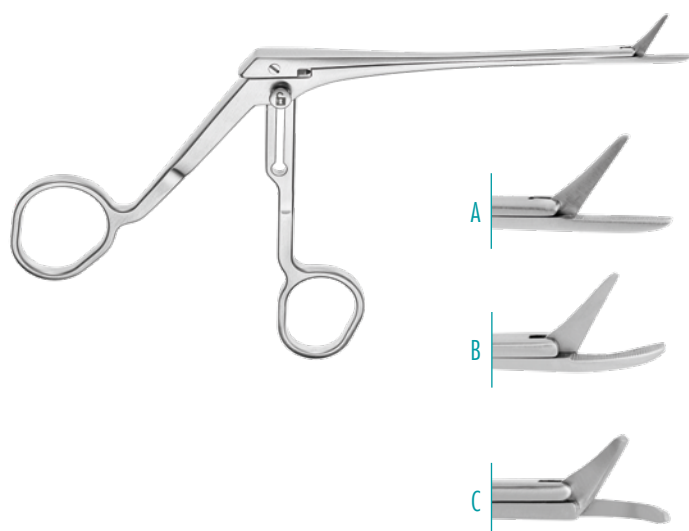
Nasal Forceps, 125mm working length,

A straight

2.0 x 10.0mm	252-741-120
2.5 x 10.0mm	252-742-120
3.0 x 10.0mm	252-743-120
4.0 x 10.0mm	252-744-120

B 45° upwards, 120mm working length

2.0mm	252-741-121
2.5mm	252-742-121
3.0mm	252-743-121
4.0mm	252-744-121



Nasal Scissors, 120mm working length,

A straight

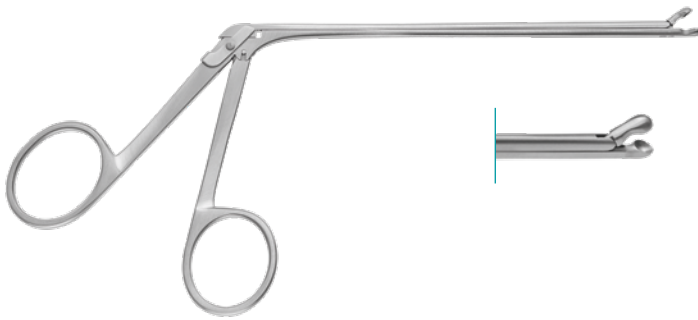
4.0 x 3.0mm x 10.0mm	252-722-120
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B right

4.0 x 3.0mm x 10.0mm	252-723-120
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C left

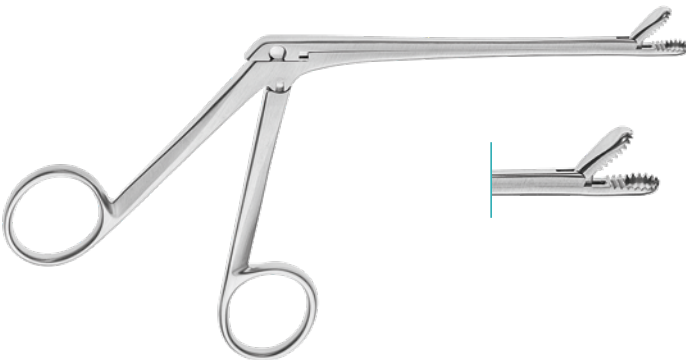
4.0 x 3.0mm x 10.0mm	252-724-120
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**HILDYARD**

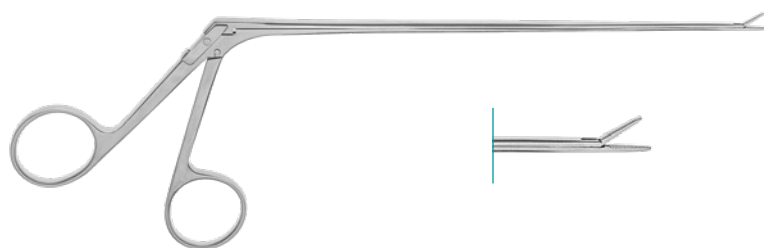
Post-Nasal Forceps, 3.5mm biopsy cup

120mm, 4³/₄"

420-223-170

**WATSON-WILLIAMS**Ethmoidal Forceps for mucosa,
straight, serrated120mm, 4³/₄"

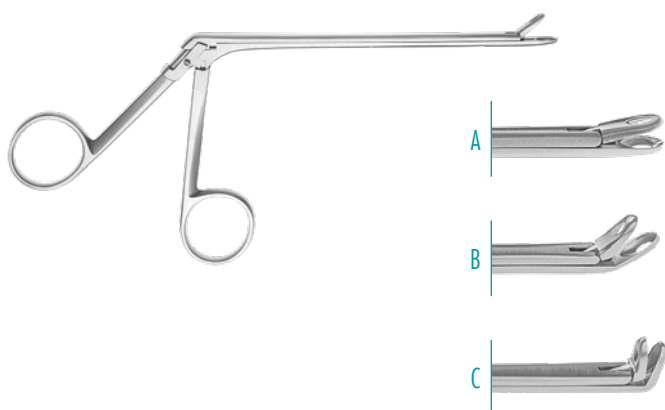
252-530-120



Grasping Forceps, fine serration

150mm, 6"

252-160-150

**STRUEMPEL**

Nasal Forceps with oval fenestrated cupped jaws, 100mm, 4"

A straight 252-031-120

B 45° angled up 252-032-120

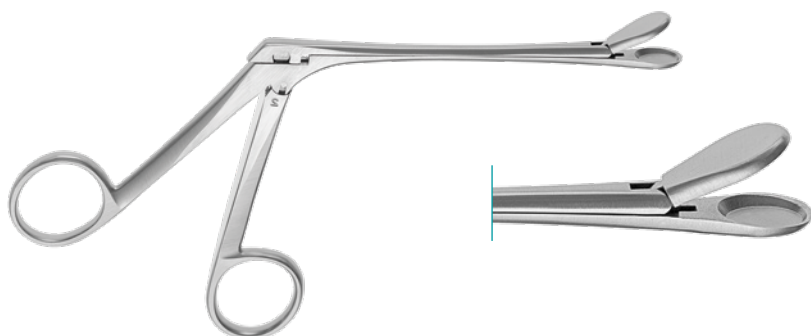
C 90° angled up 252-033-120

**BELLUCCI**

Scissors, straight

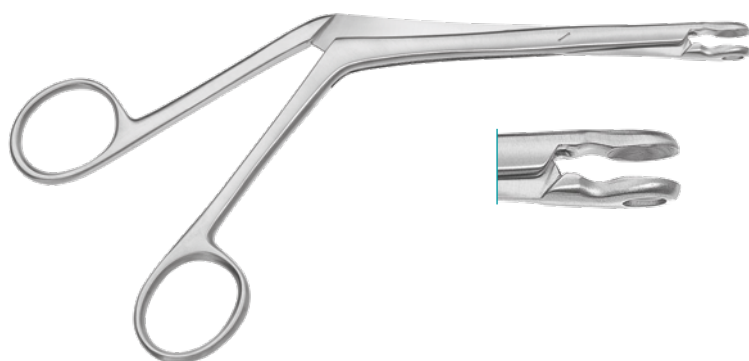
100mm, 4"

252-034-120

**WATSON-WILLIAMS**

Ethmoidal Forceps, 115mm, 4 1/2"

Fig. 1, 6.5mm	252-529-120
Fig. 2, 9.5mm	252-531-120

**BRUENINGS**

Septum Forceps, fenestrated, 190mm, 7 1/2"

Size 1, 6.5mm	252-028-001
Size 2, 7.5mm	252-028-002
Size 3, 9.0mm	252-028-003
Size 4, 10.0mm	252-028-004

**CRAIG**

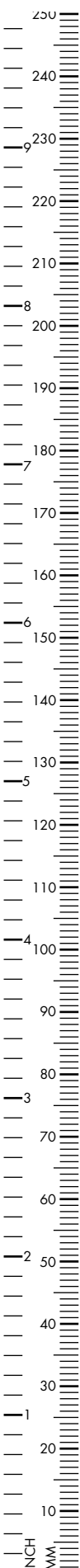
Septum Bone Cutting and Breaking Forceps, sharp cup, 6mm, 165mm, 6 1/2"

A straight

Oval cup	252-029-000
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B curved left

	252-029-500
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**LUC**

Septum Forceps with fenestrated jaws
190mm, 7¹/₂"

6.0mm	420-400-001
7.5mm	420-400-002

**HEYMANN-KNIGHT**

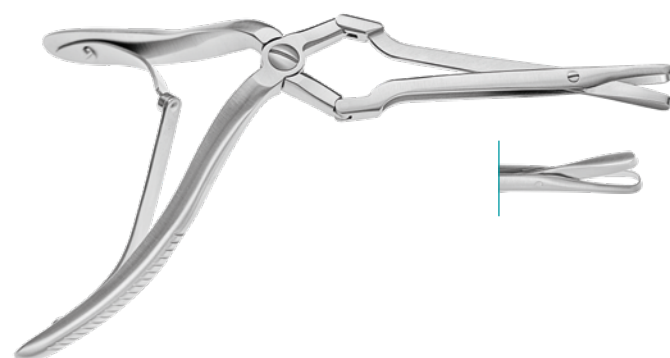
Septum Forceps, sharp oval cup

190mm, 7 ¹ / ₂ "	420-422-190
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**JANSEN-MIDDLETON**

Nasal Forceps, 4x11mm, spoon jaws

170mm, 6 ² / ₃ "	252-032-190
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**JANSEN-MIDDLETON**

Nasal Punch, through cutting, 210mm, 8¹/₄"

4 x 14mm	252-031-190
3 x 13mm	252-033-190

**BECKER**

Septum Scissors, double action, serrated

180mm, 7"

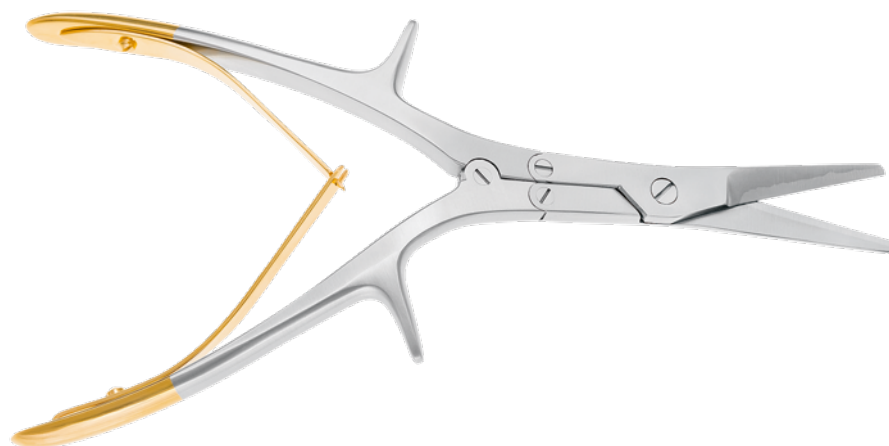
420-213-180

**CAPLAN**

Nasal Scissors, straight blade

220mm, 8^{2/3}"

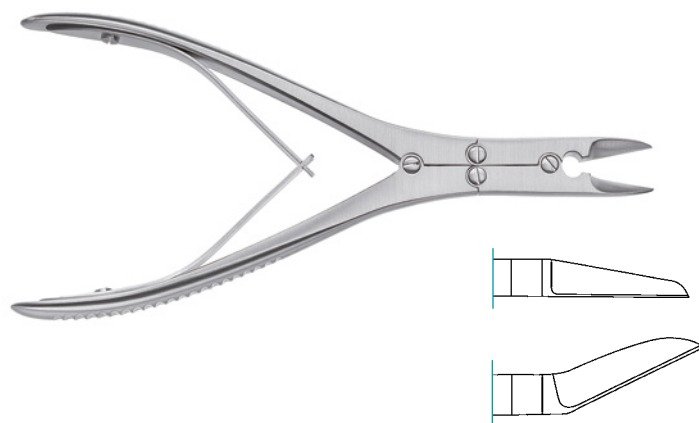
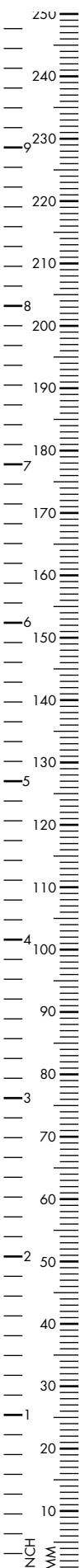
120-286-220

**GORNEY**

Nasal Scissors, straight blade

220mm, 8^{2/3}"

120-588-220

**RUSKIN LISTON**

Bone Cutting Forceps, double action,
170mm, 6²/₃"

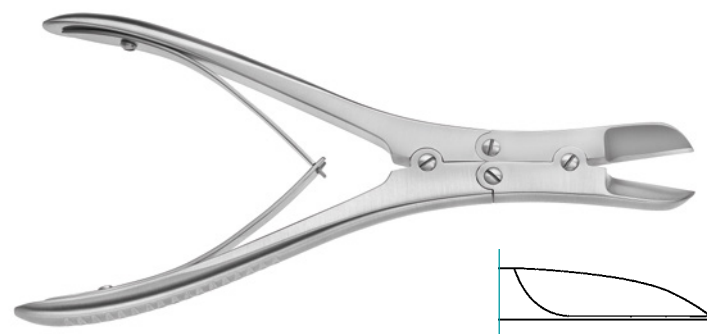
straight 210-844-170

angled 210-843-170

**MCINDOE**

Bone Cutting Forceps, double action

175mm, 6⁷/₈" 210-880-175

**RUSKIN ROWLAND**

Bone Cutting Forceps, double action, straight

180mm, 7" 210-855-180

**GUASTELLA**

Lateral Osteotomy Forceps

280mm, 11"	420-370-400
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**KRESSNER**Crushing Forceps, kee-bent, 220mm, 8²/₃"

3mm	420-408-003
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4mm	420-408-004
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**RUBIN**

Septum Morcelizer, double action, straight

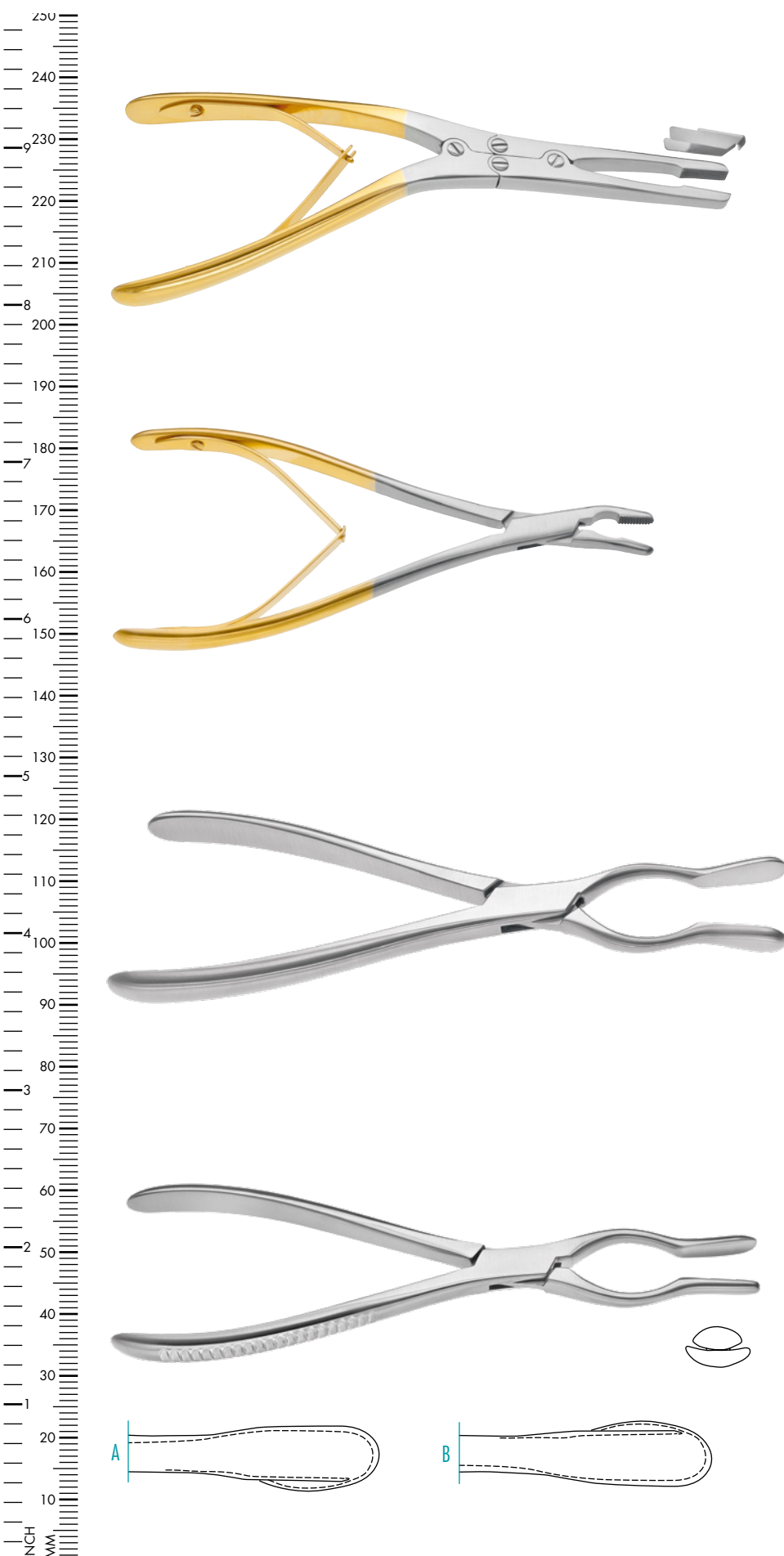
205mm, 8 ¹ / ₈ "	420-370-210
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190mm, 7 ¹ / ₂ "	420-371-210
--	-------------



Protection Cap

420-370-212

**RUBIN**

Septum Morselizer, double action, with guard
220mm, 8²/₃"

420-220-220

Guard only

420-221-200

GUNTER

TC Lower Lateral Morselizer

180mm, 7"

420-220-212

COTTLE-WALSHAM

Septum Forceps, aseptic lock

230mm, 9"

420-450-230

COTTLE-WALSHAM

Septum Straightening Forceps, 230mm, 9"

A right

420-452-230

B left

420-451-230

**ASH**

Septum Straightening Forceps, curved

220mm, 8²/₃"

420-455-230

**BOIES**

Elevator for septum repositioning

170mm, 6²/₃"

420-557-170

**BOIES**

Nasal fracture elevator, 9mm tip

195mm, 7³/₄"

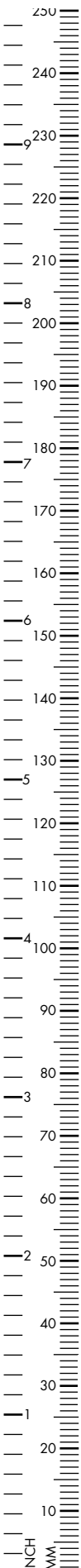
420-555-195

**GOLDMANN**

Septum elevator, round (displacer)

200mm, 8"

420-189-210

**FREER**

Mucosa Knife

150mm, 6"

420-195-150

**COTTLE**

Septum knife, stiff blade with rounded edge

140mm, 5^{1/2}"

420-213-140

**JOSEPH**

Button-End Knife, angled

165mm, 6^{1/2}"

420-209-175

**JOSEPH**Nasal Knife, sharp, double-edge,
150mm, 6"

straight

420-190-003

curved

420-191-003

**MASIG**

Cartilage Slitting Knife, curved blade, sharp

130mm, 5^{1/8}"

420-552-130



Skin Hook

150mm, 6"

170-011-150

**GRAEFE**

Micro Skin Hook, 125mm, 5"

sharp

170-010-125

**KILNER**

Skin Hook, sharp

150mm, 6"

230-203-150

**GILLIES**

Skin Hook, 180mm, 7"

A small

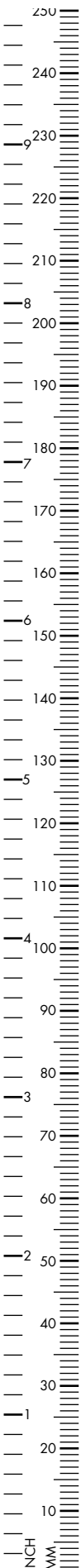
230-205-180

B medium

230-207-180

C large

230-209-180

**COTTLE**Nerve Hook, 168mm, 6^{2/3}"

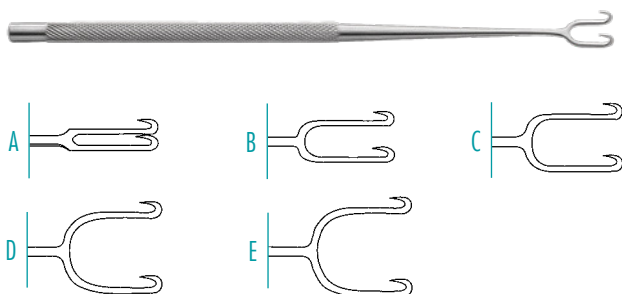
180° retrograde curved	230-286-160
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120° retrograde curved	230-285-160
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**FISCH**

Hook, 90°, sharp, angled

185mm, 7 1/4"	250-064-376
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**JOSEPH**Skin Hook, 2 prongs, 160mm, 6^{1/4}"

A 2mm wide	170-014-002
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B 5mm wide	170-014-005
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C 7mm wide	170-014-007
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D 10mm wide	170-014-010
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E 12mm wide	170-014-012
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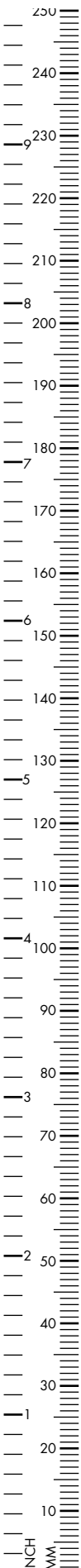
Thumb Retractor, sharp, double hook, 8mm wide
38mm working length 170-008-381



FREER
Skin hook, 2 prongs, sharp
150mm, 6" 230-220-001



COTTLE
Nasal Retractor, 10mm wide
130mm, 5 1/8" 420-187-130

**FOMON**

Alar Retractor, 2 buttoned prongs

160mm, 6^{1/4}"

230-280-160

**FOMON**

Alar Retractor, 2 buttoned prongs, insulated end

160mm, 6^{1/4}"

230-780-160

**COTTLE**Alar Retractor, 2 prongs, 140mm, 5^{1/2}"
blunt/sharp

buttoned right

230-281-140

sharp/blunt

buttoned left

230-282-140

sharp/sharp

230-283-140

**MASING**Alar Retractor, 6 x 12mm,
140mm, 5^{1/2}"

420-520-140

insulated

420-520-141

**COTTLE**Alar Retractor, 10 x 12mm,
140mm, 5^{1/2}"

420-523-140

insulated

420-523-141

**RZ-NOSE**

RZ Nasal Retractor with Thimble Hook,
swivelling

85mm, 3 1/3"	260-200-110
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**KILNER**

Alar Retractor, 2 prongs, 10mm wide,
85mm, 3 1/4"

sharp	420-184-100
blunt	420-185-100

**KILNER**

Alar Retractor, 2 sharp prongs, 13mm wide

85mm, 3 1/4"	420-184-130
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**RUBIN**

Hook, 7 x 5.5mm

sharp	420-187-155
blunt	420-187-255

**CONVERSE**

Alar Retractor, double-ended, 120mm, 4 3/4"

sharp	260-502-120
blunt	260-501-120

**HARALD**

Retractor, double-ended

420-186-140

**KILNER**

Double Hook

420-186-100

**COTTLE-NEIVERT**

Alar Retractor, saw and knife guide, 2 prongs, blunt

200mm, 8"

230-260-200

**NEIVERT**

Nasal Retractor, double-ended, with knife guide

160mm, 6^{1/4}"

170-036-180

**NEIVERT-RETTINGER**

Nasal Hook

13mm

170-036-183

17mm

170-036-187

**WALTER**

Nasal Hook, 2 blunt prongs and blunt blade

135mm, 5 ¹ / ₃ "	420-256-135
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**AUFRICHT**

Double-Ended Nasal Retractor, blunt

5mm / 42 x 7mm	420-260-005
8mm / 38 x 7mm	420-260-008
13mm / 38 x 7mm	420-260-013
13mm / 42 x 10mm	420-260-113

**MALINIAC**

Nasal Retractor, 9 x 45mm

100mm, 4"	420-652-100
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with fiber optic light carrier

100mm, 4"	420-752-100
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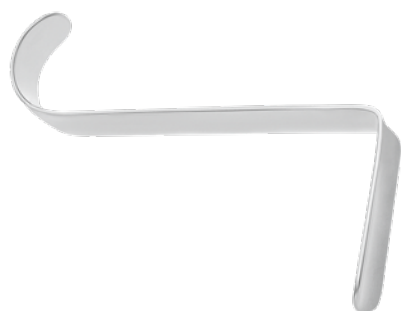
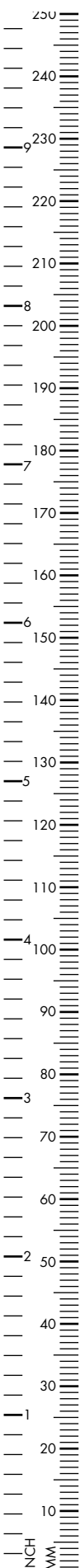
**CONVERSE**

Nasal Retractor, 11x44mm

110mm, 4 ¹ / ₃ "	420-235-110
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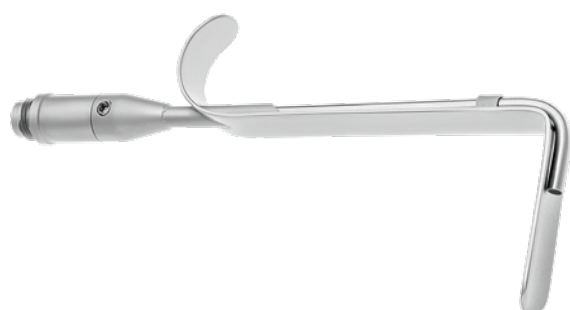
with fiber optic light carrier

100mm, 4"	420-236-110
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**CONVERSE**

Nasal Retractor, 90mm, 3 1/2"

10x20mm	420-237-095
12x30mm	420-238-095
12x40mm	420-239-090
12x50mm	420-239-095

**CONVERSE**

Nasal Retractor with fibre-optic light carrier, 90mm, 3 1/2"

10x20mm	420-237-195
12x30mm	420-238-195
12x40mm	420-239-190
12x50mm	420-239-195

**AUFRICHT**

Nasal Retractor, 160mm, 6 1/4"

10 x 45mm	420-250-160
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**AUFRICHT**

Nasal Retractor, with detachable fiber optic, 120°, 45mm blade

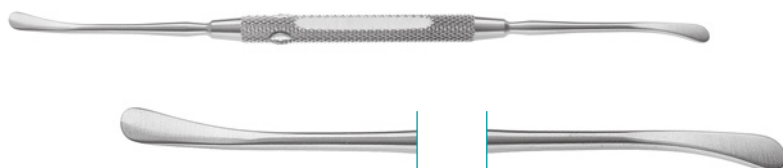
180mm, 7"	420-255-160
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Dissector / Probe, double ended,
pointed tip / round cutting tip, 8mm

130mm, 5¹/₈"

420-546-130

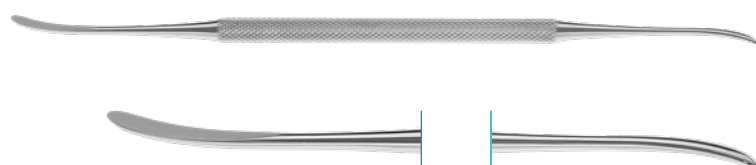


FREER

Septum Elevator, sharp/blunt, 5mm

185mm, 7¹/₄"

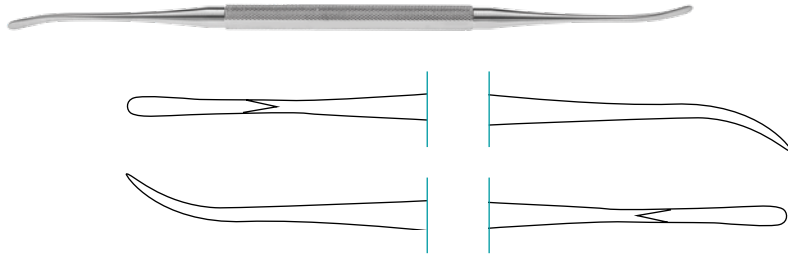
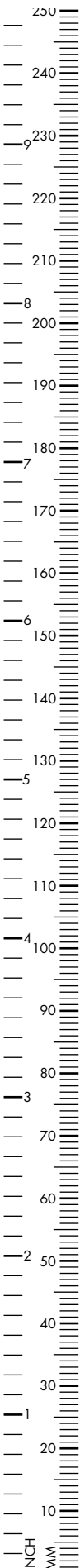
420-546-180



DANIEL

Elevator

420-546-200

**FREER-YASARGIL**

Dissector, sharp

190mm, 7¹/₂"

420-548-180

**FREER**Septum Elevator, double-ended,
semi-blunt/blunt

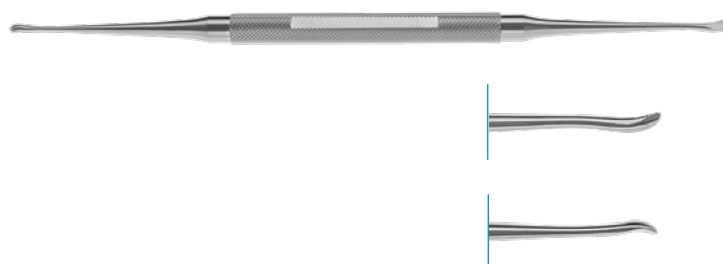
200mm, 8"

252-001-200

**KLEINERT-KUTZ**Elevator and Dissector, double-ended,
blade A: 4.5mm / blade b: 3.0mm

180mm, 7"

420-554-178

**KLEINERT-KUTZ**Elevator and Dissector, double-ended,
blade A: 2.5mm / blade b: 3.0mm190mm, 7¹/₂"

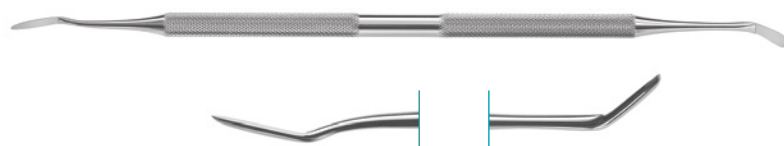
420-554-190

**FREER-LONG**

Septum Elevator, double-ended,
sharp/sharp

220mm, 8^{2/3}"

252-001-220

**WOODSON**

Elevator, 2.4 / 4.0mm blade

200mm, 8"

420-556-200

**FREER-JOSEPH**

Septum Elevator, double-ended

200mm, 8"

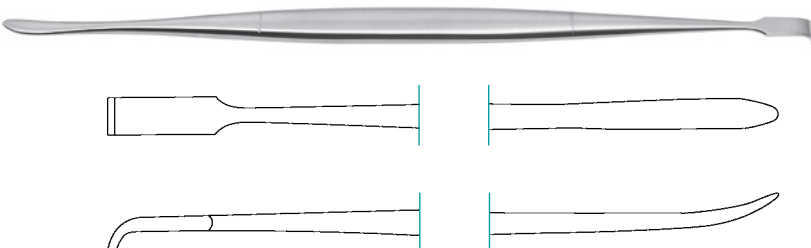
420-555-200

**OBWEGESER-FREER**

Septum Elevator, double-ended

200mm, 8"

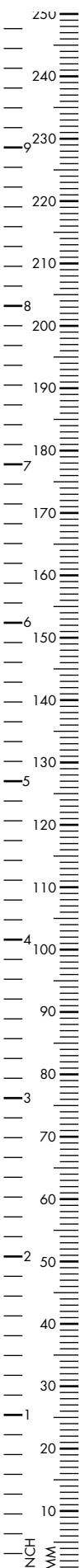
420-532-200

**HOWARTH**

Elevator, double-ended, sharp/blunt

215mm, 8^{1/2}"

420-552-215

**HARALDSSON**

Suction Elevator

190mm, 7^{1/2}"

420-390-190

**RZ**

Nasal Suction Dissector, Luer Lock,

Ø 8mm, 190mm, 7^{1/2}"

sharp

420-310-190

blunt

420-311-190

**NEGUS**

Suction Dissector, blunt, 6mm

210mm, 8^{1/4}"

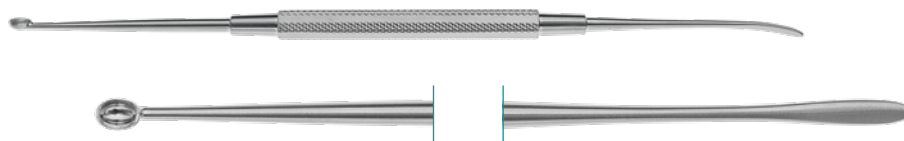
420-395-205

**GORNEY**

Suction Raspatory, semi-sharp, 3mm

180mm, 7"

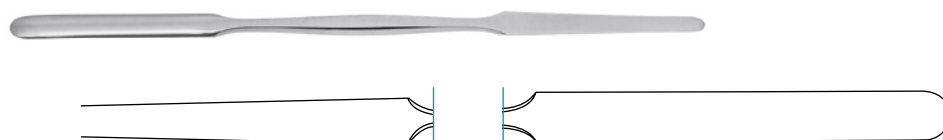
420-253-185

**CARTER**

Septum Elevator, double-ended

210mm, 8¹/₄"

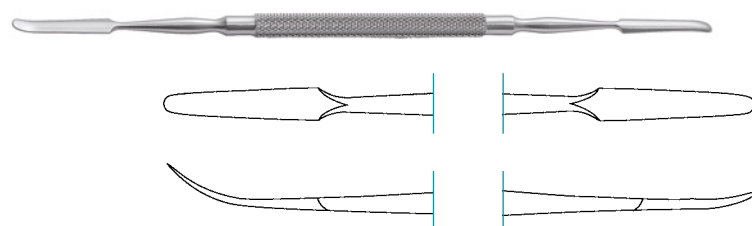
420-551-210

**KILLIAN**

Elevator, double-ended, sharp/blunt

185mm, 7¹/₄"

420-541-180

**KILLIAN**

Raspatory, 6mm, sharp/blunt

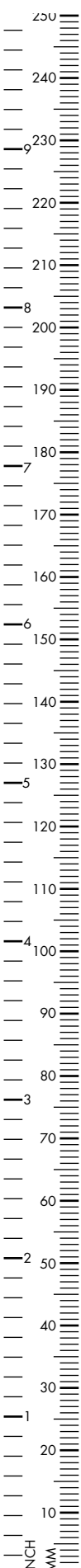
180mm, 7"

420-540-180

**KILLIAN**Septum double-ended elevator,
shuffle-shaped, sharp/blunt

180mm, 7"

252-002-180

**MASING**

Elevator, double-ended, graduated, sharp/blunt

200mm, 8"

420-551-200

**COTTLE**

Periosteal Elevator, double ended, graduated

220mm, 8²/₃"

420-553-220

**JOSEPH**

Masing Septum Elevator, bayonet shaped, slightly curved

210mm, 8¹/₄"

420-550-210

**COTTLE**

Elevator, double-ended, graduated, sharp/sharp

230mm, 9"

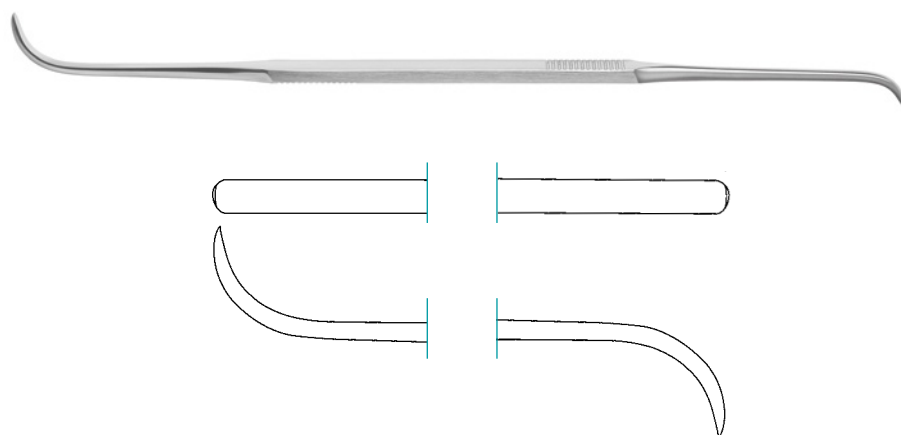
420-550-230

**COTTLE-JOSEPH**

Double Elevator

225mm, 8^{7/8}"

420-550-225

**COTTLE**

Elevator, double-ended, for tunneling

220mm, 8"

420-552-200

**PENNINGTON**

Elevator

210mm, 8^{1/4}"

420-543-210

**FREER**

Periosteal Elevator, double-ended, sharp

175mm, 6^{7/8}"

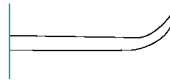
420-551-175

**MCKENTY**

Septum and Periosteal Elevator

220mm, 8²/₃"

420-539-220

**MCKENTY**

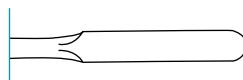
Raspatory, 150mm, 6"

4mm

420-547-004

5mm

420-547-005

**JOSEPH**Periosteal elevator, slightly curved,
170mm, 6²/₃"

2mm

420-530-165

3mm

420-531-165

4mm

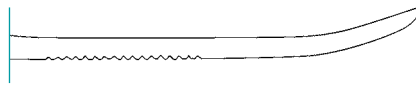
420-532-165

5mm

420-533-165

Raspatory, 170mm, 6²/₃"

6mm 210-439-006



8mm 210-439-008

**PLESTER**

Raspatory, 8mm wide

180mm, 7" 410-336-180

**ERLANGEN**

Raspatory, 6mm wide, slightly curved

175mm, 6⁷/₈" 420-547-006**HALLE**

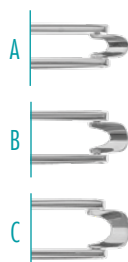
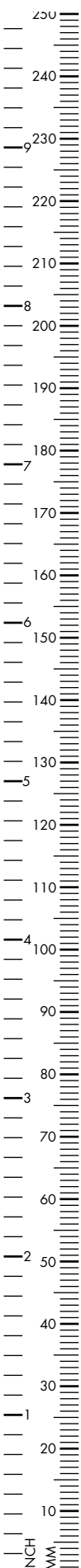
Raspatory, 4mm, blunt, slightly curved

180mm, 7" 420-544-165

**FREER**

Periosteal Elevator, 4mm

160mm, 6¹/₄" 420-551-180

**BALLENGER**Swivel knife, bayonet shaped, 210mm, 8¹/₄"

A 3mm 420-392-003

B 4mm 420-392-004

C 5mm 420-392-005

straight, 195mm, 7²/₃"

A 3mm 420-393-003

B 4mm 420-393-004

C 5mm 420-393-005

FREERSeptum Chisel, 4mm, 160mm, 6¹/₄"

straight 420-590-004

curved 420-591-004

FREER

Septum Gouge, straight, round cutting, 6mm

150mm, 6" 420-550-170

**BALLENGER**

Septum Gouge, with notch and cutting edge,
6mm

155mm, 6^{1/8}" 420-595-170

**KILLIAN**

Septum Gouge, round cutting edge,
bayonet shaped, 6mm

170mm, 6^{2/3}" 420-552-170

**KILLIAN-CLAUS**

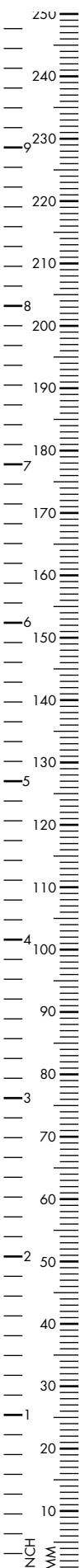
Septum Gouge with notch, bayonet shaped,
6mm

170mm, 6^{2/3}" 420-551-170

**COTTLE**

Chisel, graduated, 185mm, 7^{1/4}"

3mm	210-488-003
4mm	210-488-004
6mm	210-488-006
7mm	210-488-007
9mm	210-488-009
12mm	210-488-012

**COTTLE**

Chisel, curved, graduated, 6mm

180mm, 7"

210-486-006

**COTTLE**

Chisel, 4mm

180mm, 7"

210-475-004

**COTTLE**

Osteotome with depth marking, 180mm, 7"

4mm 210-487-004

7mm 210-487-007

8mm 210-487-008

10mm 210-487-010

12mm 210-487-012

**COTTLE**

185mm, 7 1/4"

4mm 210-472-004

6mm 210-472-006

7mm 210-472-007

9mm 210-472-009

12mm 210-472-012

**COTTLE**

Fishtail Osteotome, protecting ends,
double guarded, 8mm

180mm, 7"

210-486-008

**COTTLE**

Osteotome with guard and crossbar, 5mm

185mm, 7^{1/4}"

210-472-105

**COTTLE**

Fishtail osteotome, with crossbar,
with round cutting end, 16mm

180mm, 7"

210-486-016

**COTTLE-CINELLI**

Chisel, 185mm, 7^{1/4}"

10mm

210-474-010

12mm

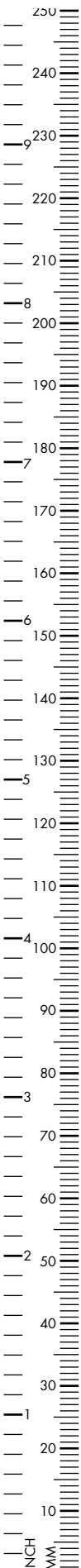
210-474-012

14mm

210-474-014

16mm

210-474-016

**CINELLI**

Osteotome, double guarded, straight
160mm, 6 1/4"

8mm	420-589-008
10mm	420-589-010
12mm	420-589-012
14mm	420-589-014
16mm	420-589-016

**RUBIN**

Osteotome, 167mm, 6 2/3"

8mm	420-587-008
10mm	420-587-010
12mm	420-587-012
14mm	420-587-014
16mm	420-587-016

**FANOUS-GUBISCH**

Osteotome, straight, 4mm wide, with guard,
200mm, 8"

straight	420-640-001
right curved	420-640-002
left curved	420-640-003

**ANDERSON-NEIVERT**

Osteotome, 3.5mm, 205mm, 8 1/8"

straight	420-639-001
curved right	420-639-002
curved left	420-639-003

**SILVER**Osteotome, slender model, 185mm, 7¹/₄"

straight	420-460-001
left	420-460-002
right	420-460-003

**SILVER**

Osteotome, with guard, straight, 180mm, 7"

straight	420-459-001
left curved	420-459-002
right curved	420-459-003

**MASING**

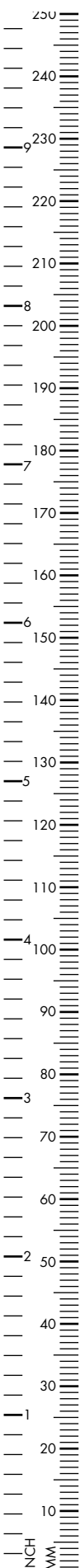
Osteotome, with guard, 180mm, 7"

straight	420-459-101
right curved	420-459-102
left curved	420-459-103

**FRENCHAY**

Nasal Chisel with guard 180mm, 7"

curved left	420-491-001
curved right	420-491-002
straight	420-491-000

**GUASTELLA**

Osteotome, 180mm, 7"

left	420-472-002
right	420-472-003

**MCINDOE**

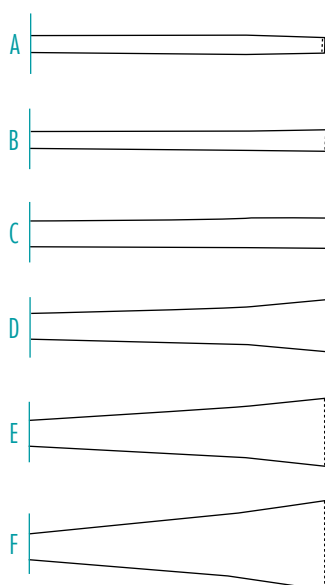
Osteotome, hard edge, mushroom head, 150mm, 6"

9mm	420-487-009
11mm	420-487-011
13mm	420-487-013
15mm	420-487-015

**WALTER**

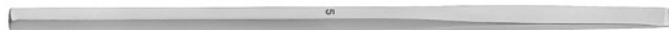
Chisel with notch, double guarded, 190mm, 7 1/2"

3.0mm	420-582-003
4.5mm	420-582-045

**WALTER**

Osteotome, 190mm, 7 1/2"

A 2mm	420-580-002
B 3mm	420-580-003
C 4mm	420-580-004
D 7mm	420-580-007
E 9mm	420-580-009
F 12mm	420-580-012

**SHEEHAN**Osteotome, 160mm, 6^{1/4}"

2mm	420-594-002
3mm	420-594-003
4mm	420-594-004
5mm	420-594-005
6mm	420-594-006
8mm	420-594-008
10mm	420-594-010
12mm	420-594-012

**RZ OSTEOTOME**

Osteotome, 180mm, 7"

2mm	420-568-002
3mm	420-568-003
4mm	420-568-004
5mm	420-568-005
6mm	420-568-006
7mm	420-568-007

**SHEEHAN**Osteotome, 90mm, 3^{1/2}"

1mm	420-594-002
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Mini Osteotome, CeraCut®, 175mm, 6^{7/8}"

2mm	420-702-175CC
3mm	420-703-175CC
4mm	420-704-175CC
6mm	420-706-175CC

**COTTLE**

Mallet, Ø 30mm, 1 side plain, 1 side convex
240g

190mm, 7 1/2" 210-240-180

**LUCAE**

Mallet, Ø 19mm
190mm, 7 1/2"

80g 210-230-190

140g 210-231-190

**COLLIN (LUCAE)**

Mallet, Ø 30mm
220g

200mm, 8" 210-220-200



Mallet, Ø 35mm, synthetic

240mm, 9 1/2" 210-260-150



Mallet, anodized aluminium handle and head,
Ø 32mm
140g

225mm, 8 7/8" 210-264-220

Spare Discs, pair 210-264-221

**JOSEPH**

Nasal Saw, 190mm, 7 1/2"

straight	230-202-000
bayonet shaped, curved left	230-202-001
bayonet shaped, curved right	230-202-002

**JOSEPH**

Nasal Rasp, cross-serrated, 160mm, 6 1/4"

fine	420-605-160
coarse	420-606-160

**MALTZ**

Rasp, straight, 180mm, 7"

backward cutting	420-654-180
forward cutting	420-657-180

**MCINDOE**

Nasal Rasp, straight, backward cutting

180mm, 7"	420-655-180
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**LEWIS**

Nasal Rasp, 7mm wide tip

200mm, 8"

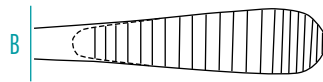
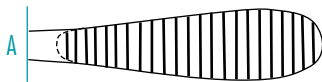
420-658-175

**COTTLE**

Nasal Rasp, backward cutting, straight

210mm, 8¹/₄"

420-670-210

**AUFRICHT**Nasal Rasp, 90° cross-serrated,
9mm wide, 220mm, 8²/₃"

A backward cutting

420-650-001

B forward cutting

420-650-002

**MILLER**Rasp, 90° cross-serrated, backwards cutting,
180mm, 7"

Fig. 1



Fig. 1 8mm / 5mm

500-387-000

Fig. 2



Fig. 2 6mm / 4mm

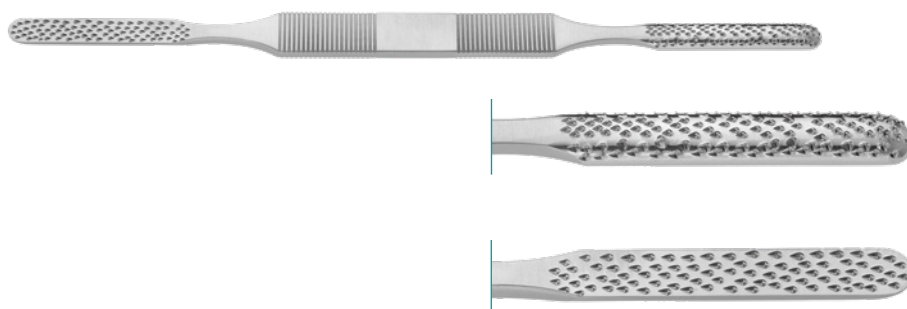
500-384-010

Fig. 3



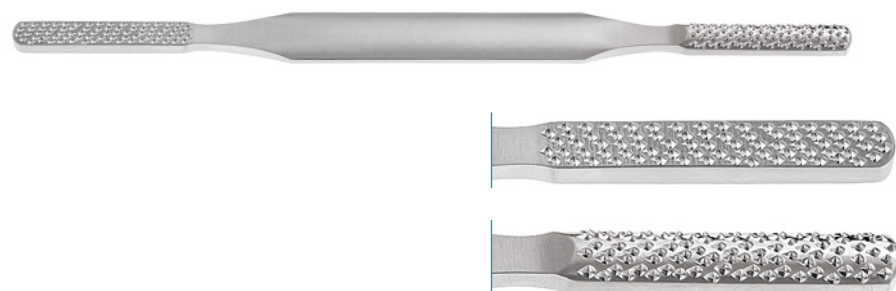
Fig. 3 6mm / 5mm

500-386-045

**FOMON LIGHTWEIGHT**

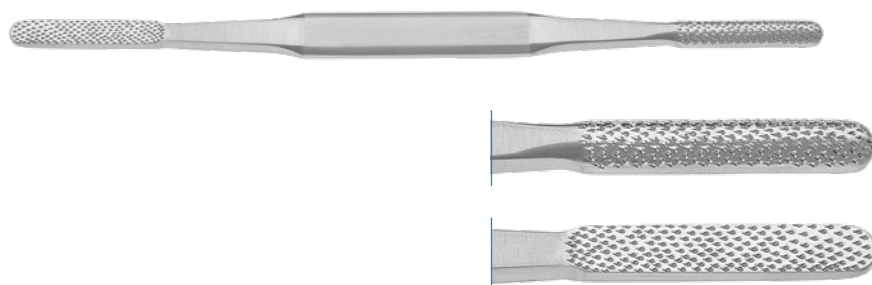
Rasp, double-ended, 7.0mm
215mm, 8¹/₂"

Coarse	420-662-001
Fine	420-662-002

**FOMON**

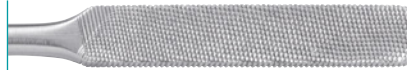
Rasp, coarse, double-ended, 7.0mm / 8.0mm
215mm, 8¹/₂"

420-660-000

**FOMON**

Rasp, fine, round/flat
215mm, 8¹/₂"

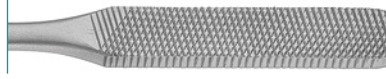
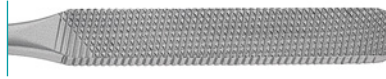
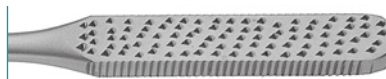
420-661-000

**FOMON**

Rasp, fine/coarse, double-ended, 4 sides

215mm, 8^{1/2}"

420-661-100

**KLEINERT KUTZ**

Rasp, double-ended, 4 sides

220mm, 8^{2/3}"

420-656-000

**MALTZ**

Nasal Rasp, straight, backward cutting

180mm, 7"

420-672-000

**MALTZ**

TC Rasp,

165mm, 6^{1/2}"

Fig. 2

420-492-165

Fig. 3

420-493-165

**PARKES**

TC Rasp, straight, 8 x 39mm

210mm, 8^{1/4}"

Fig. 1

420-490-210

Fig. 2

420-491-210

Fig. 3

420-492-210

Fig. 4

420-493-210

Fig. 5

420-494-210

**FOMON**

TC Rasp, double-ended, 7 x 40mm

210mm, 8^{1/4}"

Fig. 1 / Fig. 2

420-660-219

Fig. 3 / Fig. 4

420-660-214

Fig. 5 / Fig. 6

420-660-216

Fig. 7 / Fig. 8

420-660-218

Fig. 9 / Fig. 10

420-660-200



Fig. 1



Fig. 2

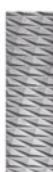


Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



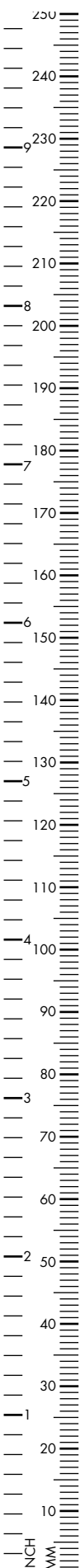
Fig. 8



Fig. 9



Fig. 10

**ASTON**

Nasal Rasp, backward cutting, straight,
200mm, 8"

fine	420-480-200
coarse	420-488-200

**AUFRICHT (PEET)**

Nasal Rasp, 7 x 25mm
fine, curved diamond jaws

200mm, 8"	420-650-101
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**PEET-COTTLE**

Nasal Rasp, curved, diamond jaws

190mm, 7 1/2"	420-650-100
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**PEET**

Convex Nasal Rasp, 25x8mm, straight
diamond jaws

190mm, 7¹/₂"

420-650-050

**COTTLE**

Rasp, 7x33mm, straight
diamond jaws

200mm, 8"

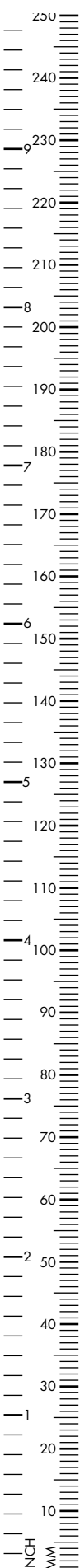
420-675-200

**FOMON**

Rasp, double-ended, convex on flat,
diamond jaws, 7 x 40mm

210mm, 8¹/₄"

420-653-000

**FOMON**

Nasal Rasp Holder

A double-ended	420-660-200
B single-ended	420-660-100

FOMON

TC Insert

C Fig. 1	420-660-101
D Fig. 2	420-660-102
E Fig. 3	420-660-103
F Fig. 4	420-660-104
G Fig. 5	420-660-105
H Fig. 6	420-660-106
I Fig. 7	420-660-107
J Fig. 8	420-660-108
K Fig. 9	420-660-109
L Fig. 10	420-660-110

Fixation Key

M	420-660-150
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TC Nasal Rasp Set, complete in sterilization tray, incl. 10 inserts, 1 key and 2 handles (single+double)

N	420-660-500
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Wire Brush for cleaning rasps

165mm, 6 1/2"	260-500-001
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**GIERTZ STILLE**

Rib Shears, double action

250mm, 9⁷/₈"

290-137-270

**DINGMANN**

Bone Holding Forceps, heavy pattern

190mm, 7¹/₂"

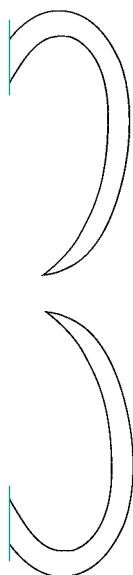
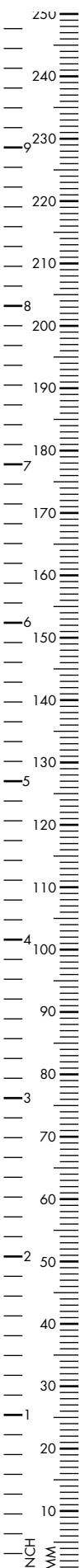
210-626-190

**LANGENBECK**

Bone Holding Forceps, 11mm wide

210mm, 8¹/₄"

210-722-210

**DOYEN**Rib Raspatory, 175mm, 6⁷/₈"

curved right 210-331-170

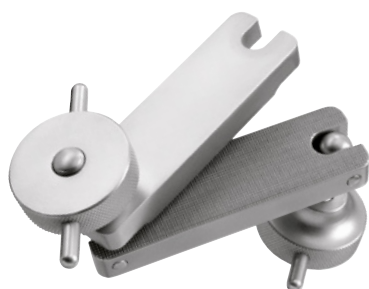
curved left 210-333-170

**COTTLE**Bone Crusher with removal clip forceps,
28mm wide

420-365-000

Cartilage Crusher, 50mm wide

420-365-050

**RZ**

Cartilage Crusher

60 x 30mm 420-364-000

**TOLSDORF**

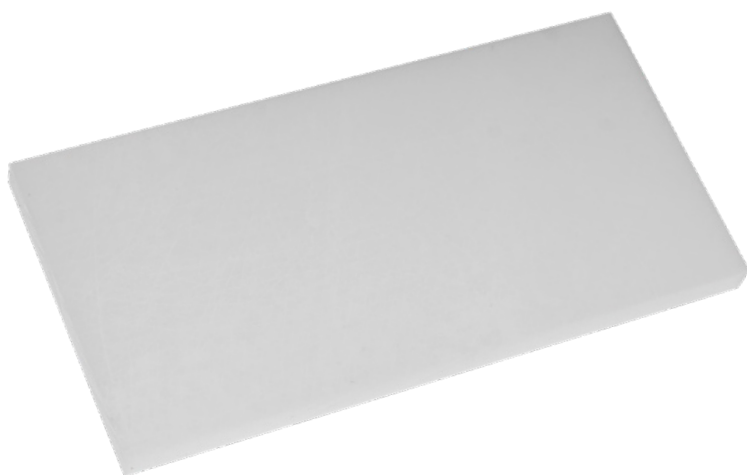
Bone crusher, inner part serrated, outer part
bottom plain, Ø 40mm

420-366-000



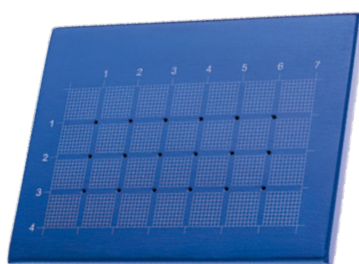
Plastic Plate, autoclavable

85 x 55mm 420-367-000



Plastic Plate, for preparation of bone grafts,
autoclavable

200x100x10mm 420-367-002

**SHEEN**

Cartilage Grid, aluminium, blue

70 x 40mm 260-761-000



Ruler, with mm inch markings

150mm, 6" 100-418-150

200mm, 8" 100-418-200

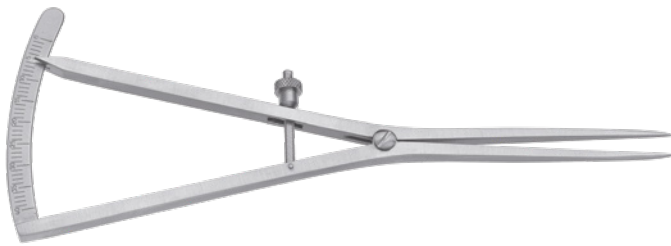
300mm, 12" 100-418-300

**CASTROVIEJO**

Caliper with locking screw, 0 - 15mm scale

70mm, 2³/₄"

400-583-005

**CASTROVIEJO**

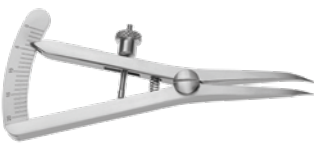
Caliper with locking screw

0 - 20mm,
85mm, 3¹/₄"

400-583-007

0 - 40mm,
180mm, 7"

400-583-008

**CASTROVIEJO**Caliper with locking screw, angled,
0 - 20mm scale70mm, 2³/₄"

400-583-009

**JAMESON**Caliper with locking screw, graduated,
0 - 80 mm95mm, 3³/₄"

400-421-000

**THORPE**Caliper with locking screw, graduated,
0 - 80 mm95mm, 3³/₄"

400-420-100

**NOLST TRENITÉ**

Glabella Rasp, 8mm wide

185mm, 7¹/₄"

420-700-400

**NOLST TRENITÉ**

Nasal Rasp, double-ended, 200mm, 8"

medium

420-700-501

medium/fine

420-700-502

**NOLST TRENITÉ**Micro Skin Hook, 155mm, 6¹/₈"

1 prong

420-700-001

2 prongs

420-700-002

**NOLST TRENITÉ**

Micro Skin Hook, 2 prongs, 10mm wide

420-700-210

**NOLST TRENITÉ**

Nasal Retractor, Aufrecht type

160mm, 6¹/₄"

420-700-200

**BLAKESLEY (NOLST TRENITÉ)**

Nasal Forceps, delicate, 3.5mm

85mm working length 420-700-700

**NOLST TRENITÉ**Micro Osteotome, 185mm, 7^{1/4}"

2.0mm	420-700-020
2.5mm	420-700-025
3.0mm	420-700-030
4.0mm	420-700-040
6.0mm	420-700-060

**NOLST TRENITÉ**Micro Osteotome with guard, 185mm, 7^{1/4}"

2.2mm	420-700-022
3.0mm	420-700-023
4.0mm	420-700-024

**NOLST TRENITÉ**Micro Osteotome, 185mm, 7^{1/4}"

10mm	420-700-100
12mm	420-700-120
14mm	420-700-140
16mm	420-700-160
18mm	420-700-180

**NOLST TRENITÉ**

Rhinoplasty Scissors, sharp, 100mm, 4"

straight 420-700-610

curved 420-700-611

**NOLST TRENITÉ**

Dissecting Scissors, Kilner type

140mm, 5^{1/2}" 420-700-340**NOLST TRENITÉ**

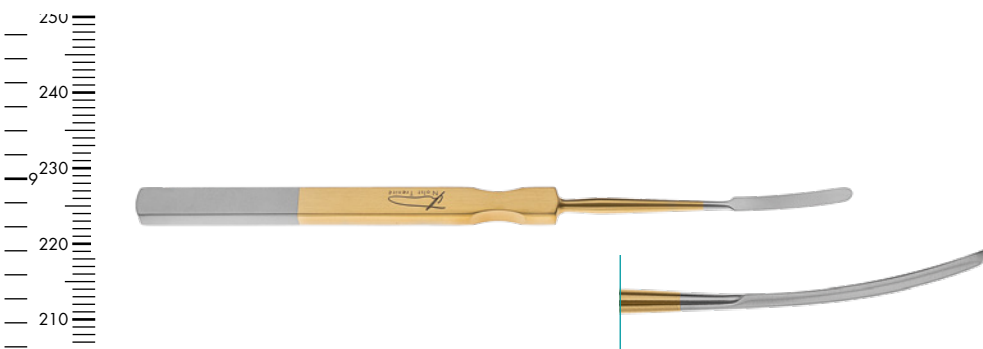
Angled Scissors, Walter type

100mm, 4" 420-700-620

**NOLST TRENITÉ**

Halsey type

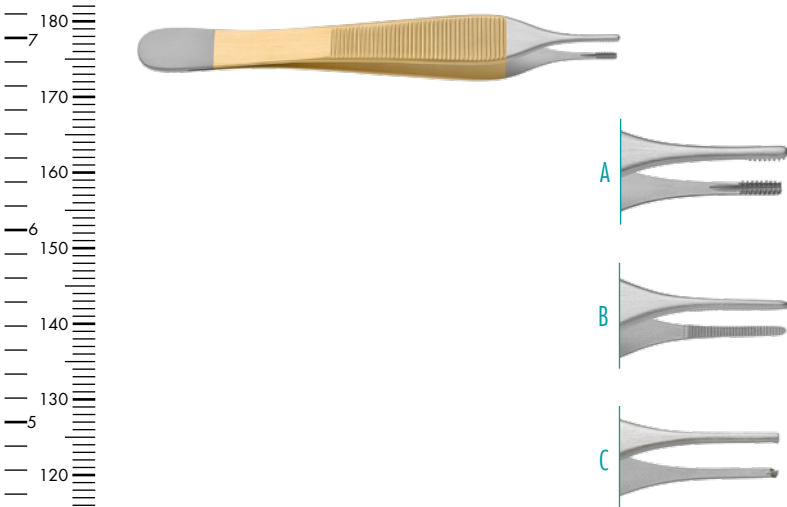
130mm, 5^{1/8}" 420-700-330

**NOLST TRENTÉ**

Periosteal Elevator, Joseph Type, 3mm

180mm, 7"

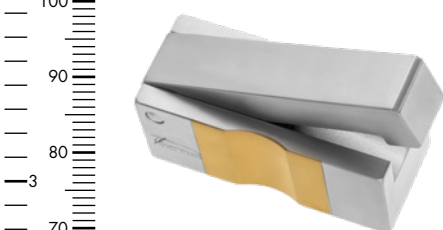
420-700-430

**NOLST TRENTÉ**Dressing/Tissue Forceps, 120mm, 4³/₄"

A Adson-Brown type 420-700-630

B Adson type 420-700-640

C Adson type 420-700-650

**NOLST TRENTÉ**

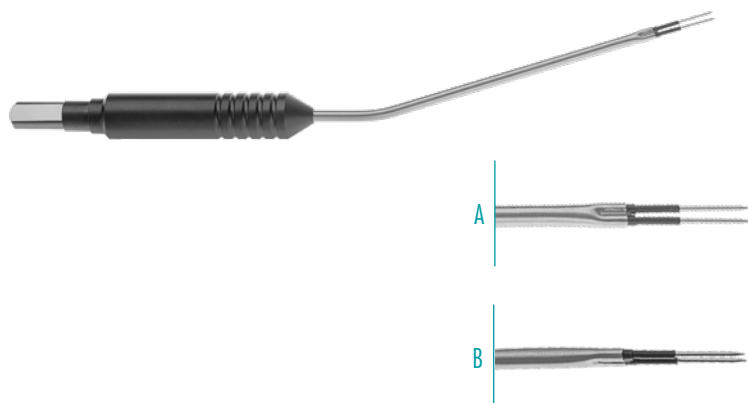
Cartilage Crusher, Cottle type

420-700-777

**NOLST TRENTÉ**

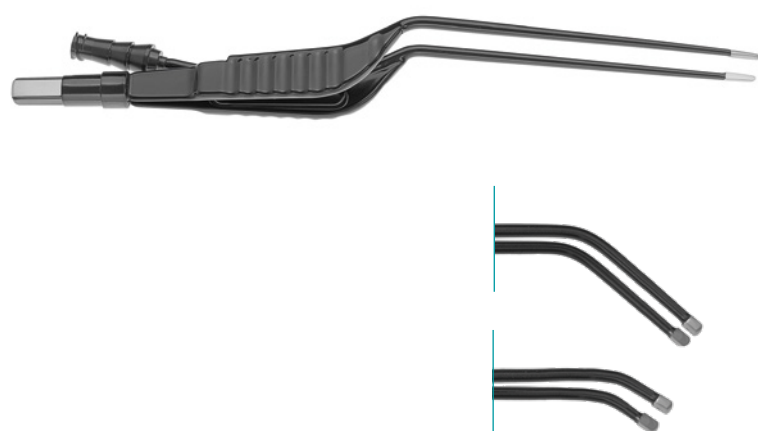
Mallet, Cottle type

420-700-888



Bipolar electrode with flat plug,
105mm working length

A	700-420-002
B	700-420-001



Bipolar Suction Forceps, bayonet shaped,
200mm, 8"

1.4mm tip	700-600-201
2.0mm tip	700-600-202
230mm, 9"	
1.4mm tip	700-600-231
2.0mm tip	700-600-232
60° curved 210mm, 8 ¹ / ₄ "	
3.2mm tip	700-600-214
45° curved 210mm, 8 ¹ / ₄ "	
3.0mm tip	700-600-213



Bipolar Forceps, angled jaws, 2.0mm tip

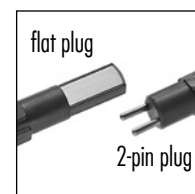
180mm, 7"	700-600-195
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Bipolar Forceps, knee angled, pointed tip

165mm, 6 ¹ / ₂ "	700-600-160
220mm, 8 ² / ₃ "	700-600-220
0.5mm tip	
165mm, 6 ¹ / ₂ "	700-600-165
220mm, 8 ² / ₃ "	700-600-225
1.0mm tip	
165mm, 6 ¹ / ₂ "	700-600-161
220mm, 8 ² / ₃ "	700-600-221

NON-STICK FORCEPS



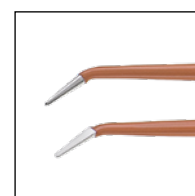
		150mm		180mm		200mm	220mm
Straight		straight tip	angled tip	straight tip	angled tip	straight tip	straight tip
0.3mm tip (point)	flat plug	700-610-150	700-611-150	700-610-180	700-611-180	700-610-200	700-610-220
	2-pin	700-612-150	700-613-150	700-612-180	700-613-180	700-612-200	700-620-220
0.6mm tip (blunt)	flat plug	700-620-150	700-621-150	700-620-180	700-621-180	700-620-200	700-620-220
	2-pin	700-622-150	700-623-150	700-622-180	700-623-180	700-622-200	700-622-220
1.0mm tip (blunt)	flat plug	700-630-150	700-631-150	700-630-180	700-631-180	700-630-200	700-630-220
	2-pin	700-632-150	700-633-150	700-632-180	700-633-180	700-632-200	700-632-220
2.0mm tip (blunt)	flat plug	700-640-150	700-641-150	700-640-180	700-641-180	700-640-200	700-640-220
	2-pin	700-642-150	700-643-150	700-642-180	700-643-180	700-642-200	700-642-220



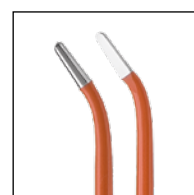
		110mm	
JEWELER TYPE		straight tip	angled tip
0.25mm tip (point)	flat plug	700-601-710	700-601-730
	2-pin	700-601-711	700-601-731
0.6mm tip (blunt)	flat plug	700-601-712	700-601-732
	2-pin	700-601-713	700-601-733
1.0mm tip (blunt)	flat plug	700-601-714	700-601-734
	2-pin	700-601-715	700-601-735



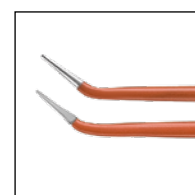
straight tip



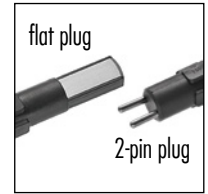
angled tip



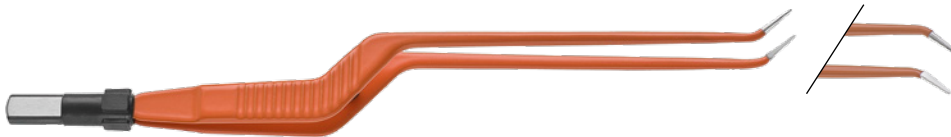
angled down tip



angled up tip

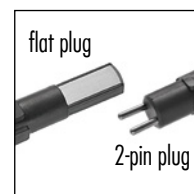


Bayonet Shape		180mm straight tip	200mm straight tip	220mm straight tip	240mm straight tip
0.3mm tip (point)	flat plug	700-650-180	700-650-200	700-650-220	700-650-240
	2-pin	700-652-180	700-652-200	700-652-220	700-652-240
0.6mm tip (blunt)	flat plug	700-660-180	700-660-200	700-660-220	700-660-240
	2-pin	700-662-180	700-662-200	700-662-220	700-662-240
1.0mm tip (blunt)	flat plug	700-670-180	700-670-200	700-670-220	700-670-240
	2-pin	700-672-180	700-672-200	700-672-220	700-672-240
2.0mm tip (blunt)	flat plug	700-680-180	700-680-200	700-680-220	700-680-240
	2-pin	700-682-180	700-682-200	700-682-220	700-682-240

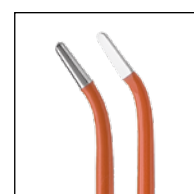


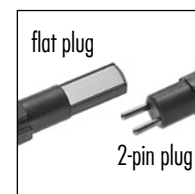
Bayonet Shape, angled up/angled down		200mm angled up tip	220mm angled up tip	200mm angled down tip	220mm angled down tip
1.0mm tip (blunt)	flat plug	700-670-201	700-670-221	700-670-203	700-670-223
	2-pin	700-672-201	700-672-221	700-672-203	700-672-223

NON-STICK FORCEPS, ROUND HANDLE

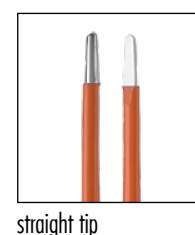


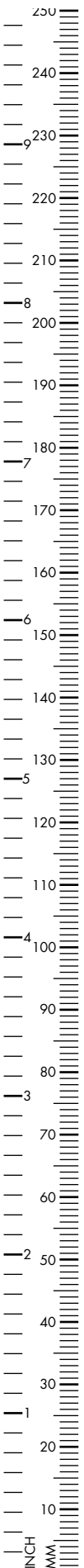
		150mm		180mm	
Straight		straight tip	angled tip	straight tip	angled tip
0.3mm tip (point)	flat plug	700-010-150	700-011-150	700-010-180	700-011-180
	2-pin	700-012-150	700-013-150	700-012-180	700-013-180
0.6mm tip (blunt)	flat plug	700-020-150	700-021-150	700-020-180	700-021-180
	2-pin	700-022-150	700-023-150	700-022-180	700-023-180
1.0mm tip (blunt)	flat plug	700-030-150	700-031-150	700-030-180	700-031-180
	2-pin	700-032-150	700-033-150	700-032-180	700-033-180
2.0mm tip (blunt)	flat plug	700-040-150	700-041-150	700-040-180	700-041-180
	2-pin	700-042-150	700-043-150	700-042-180	700-043-180
		200mm		225mm	
Straight		straight tip	angled tip	straight tip	angled tip
0.3mm tip (point)	flat plug	700-010-200	700-011-200	700-010-220	700-011-220
	2-pin	700-012-200	700-013-200	700-012-220	700-013-220
0.6mm tip (blunt)	flat plug	700-020-200	700-021-200	700-020-220	700-021-220
	2-pin	700-022-200	700-023-200	700-022-220	700-023-220
1.0mm tip (blunt)	flat plug	700-030-200	700-031-200	700-030-220	700-031-220
	2-pin	700-032-200	700-033-200	700-032-220	700-033-220
2.0mm tip (blunt)	flat plug	700-040-200	700-041-200	700-040-220	700-041-220
	2-pin	700-042-200	700-043-200	700-042-220	700-043-220





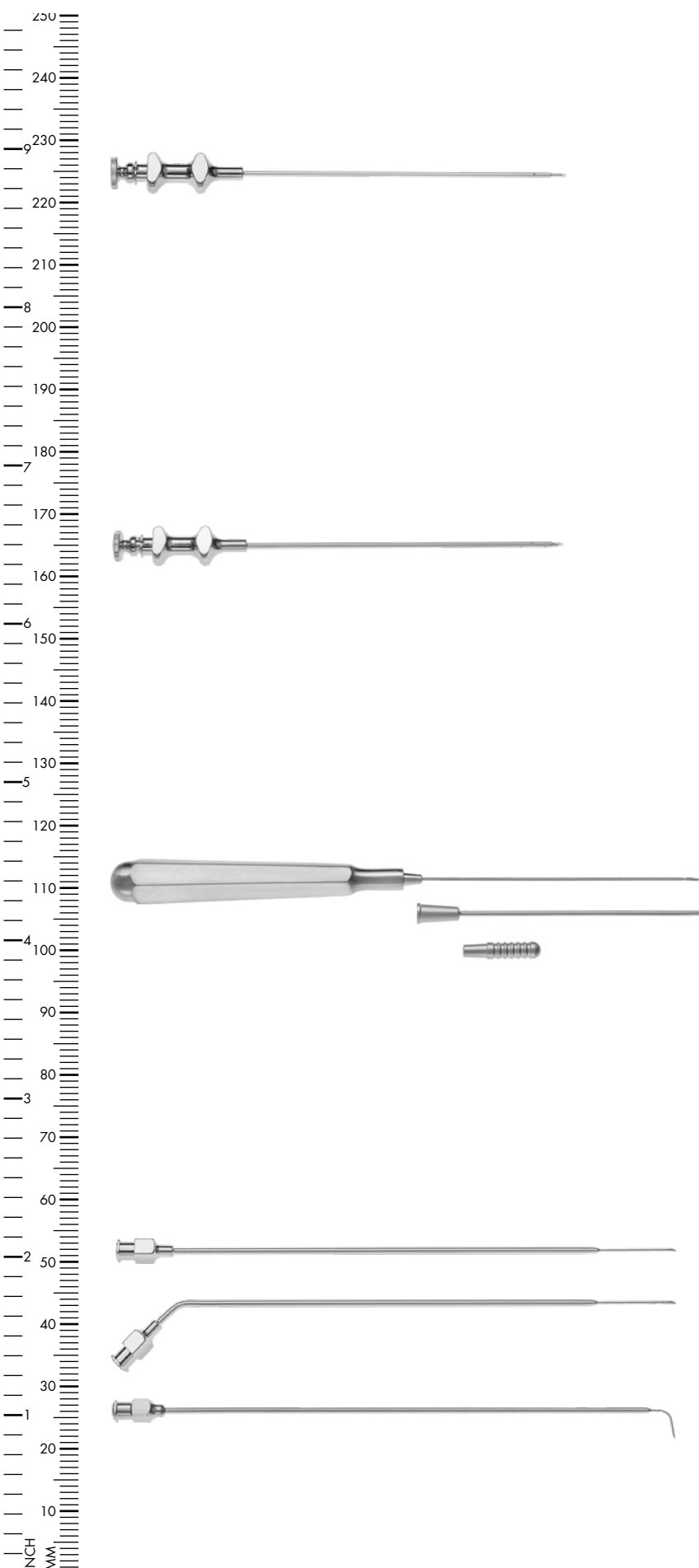
		180mm straight tip	200mm straight tip
Bayonet			
0.3mm tip (point)	flat plug	700-050-180	700-050-200
	2-pin	700-052-180	700-052-200
0.6mm tip (blunt)	flat plug	700-060-180	700-060-200
	2-pin	700-062-180	700-062-200
1.0mm tip (blunt)	flat plug	700-070-180	700-072-200
	2-pin	700-072-180	700-072-200
2.0mm tip (blunt)	flat plug	700-080-180	700-082-200
	2-pin	700-082-180	700-082-200
		225mm straight tip	250mm straight tip
Bayonet			
0.3mm tip (point)	flat plug	700-050-220	700-050-250
	2-pin	700-052-220	700-052-250
0.6mm tip (blunt)	flat plug	700-060-220	700-060-250
	2-pin	700-062-220	700-062-250
1.0mm tip (blunt)	flat plug	700-070-220	700-070-250
	2-pin	700-072-220	700-072-250
2.0mm tip (blunt)	flat plug	700-080-220	700-080-250
	2-pin	700-082-220	700-082-250





SINUSCOPY



**LICHTWITZ-BIER**

Antrum Trocar Needle, 100mm, 4"

Ø 1.5mm	252-015-110
Ø 1.8mm	252-018-110
Ø 2.0mm	252-020-110

EICKENAntrum Trocar Needle, 105mm, 4¹/₈"

Ø 1.5mm	252-115-110
Ø 1.8mm	252-118-110
Ø 2.0mm	252-120-110
Ø 2.5mm	252-125-110

LICHTWITZ

Antrum Trocar, 85mm working length

Ø 1.8mm	165-052-018
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Septum Needle, with LuerLock attachment,
Ø 0.8mm

straight	252-005-170
angled	252-003-170
angled tip	252-004-170

**BABY-EICKEN**

Antrum Cannula, 90mm, 3 1/2"

1.2mm	252-009-012
1.5mm	252-009-015
2.0mm	252-009-020

**EICKEN**

Antrum Cannula, slightly curved, 130mm, 5 1/8"

Ø 2.5mm	252-025-150
Ø 3.0mm	252-025-151
Ø 4.0mm	252-025-152

**EICKEN**

Antrum Cannula with central opening, curved, 140mm, 5 1/2"

Ø 2.5mm	252-125-150
Ø 3.0mm	252-125-151
Ø 4.0mm	252-125-152

**EICKEN**

Antrum Cannula, cut-off-hole, 150mm, 6" strongly curved

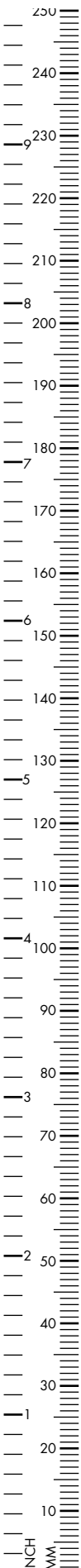
Ø 2.5mm	252-225-150
Ø 3.0mm	252-225-151
Ø 4.0mm	252-225-152

slightly curved

Ø 2.5mm	252-325-150
Ø 3.0mm	252-325-151
Ø 4.0mm	252-325-152

slightly curved, malleable

Ø 2.5mm	252-425-150
Ø 3.0mm	252-425-151
Ø 4.0mm	252-425-152

**EICKEN**

Sinus Suction Tube with cut-off hole,
145mm, 5³/₄"

Ø 2.5mm	252-725-150
Ø 3.0mm	252-725-151
Ø 4.0mm	252-725-152

**PASQUINI**

Sinus Suction Tube with olive tip

Ø 2.5mm	252-825-150
Ø 3.0mm	252-825-151
Ø 4.0mm	252-825-152



Suction Tube straight, mit olive Ø 2.5mm,
without cut off hole, malleable

150mm, 6"	252-525-155
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**FERGUSON**

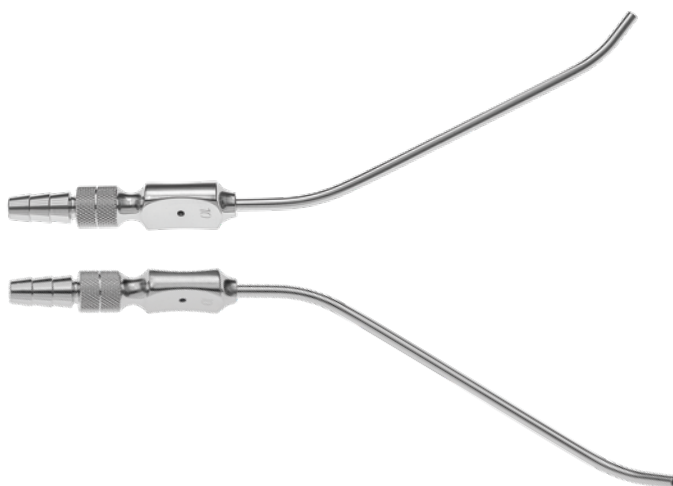
Suction Tube, 180mm, 7"

Ø 1.6mm, 5 Charr.	165-525-005
Ø 2.0mm, 6 Charr.	165-525-006
Ø 2.3mm, 7 Charr.	165-525-007
Ø 2.5mm, 8 Charr.	165-525-008
Ø 3.0mm, 9 Charr.	165-525-009
Ø 3.3mm, 10 Charr.	165-525-010
Ø 3.6mm, 11 Charr.	165-525-011
Ø 4.0mm, 12 Charr.	165-525-012
Ø 5.0mm, 15 Charr.	165-525-015

**FRAZIER**

30° angled, with button tip, 100mm, 4"

6 Charr.	165-523-306
8 Charr.	165-523-308
10 Charr.	165-523-310
12 Charr.	165-523-312
15 Charr.	165-523-315

**FRAZIER**

10 Charr., 100mm, 4"

left curved	165-523-401
right curved	165-523-402

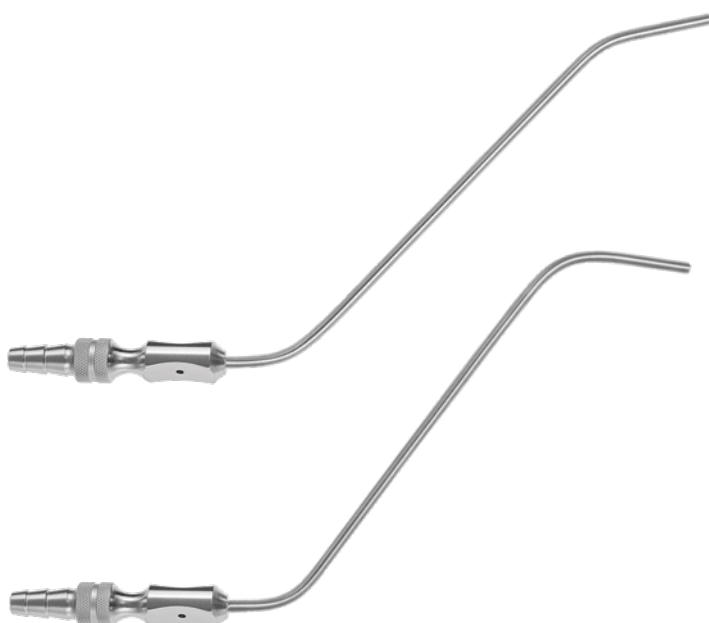
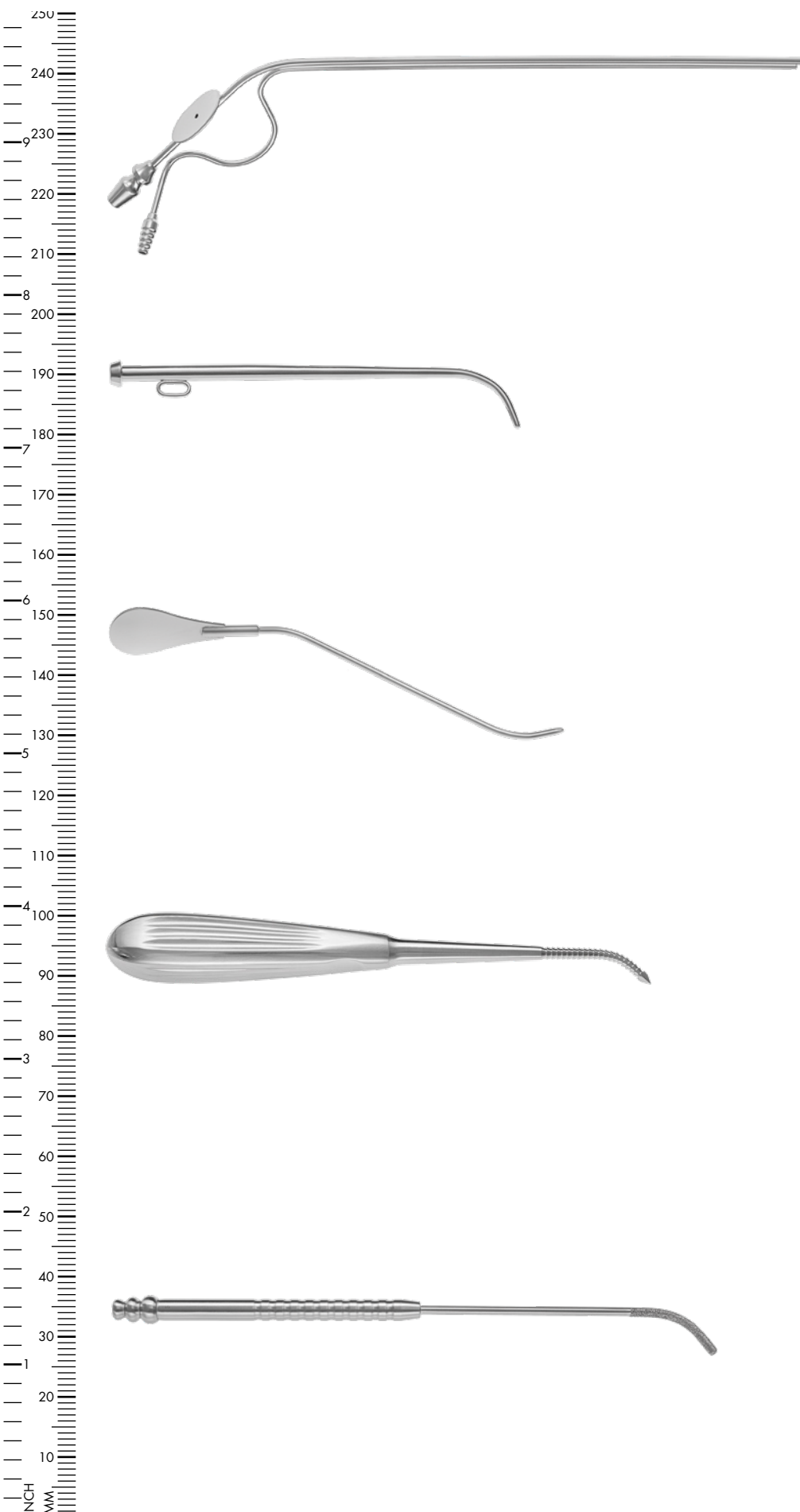
**KAHN-FRAZIER**10 Charr., s-shaped,
150mm / 6" working length

Fig. 1 slightly curved	165-523-511
Fig. 2 strongly curved	165-523-512

**FISCH**

Suction/Irrigation Tube, 2.5 x 2.0mm

180mm, 7" 252-025-180

SIEBENMANNIrrigation Antrum Cannula, blunt, Ø 2.5mm
130mm, 5 1/8"

inside opening 165-071-025

outside opening 165-072-025

RITTER

Frontal Sinus Bougie, 160mm, 6 1/4"

Ø 2.5 mm 252-043-025

Ø 3.0 mm 252-043-030

Ø 4.0 mm 252-043-040

Ø 5.0 mm 252-043-050

Antrum Trephine, american pattern
180mm, 7"

sharp 252-050-180

blunt 252-052-180

**MUELLER**Antrum Rasp, diamond dusted tip,
205mm, 8 1/8" fine,

3mm 252-051-003

4mm 252-051-004

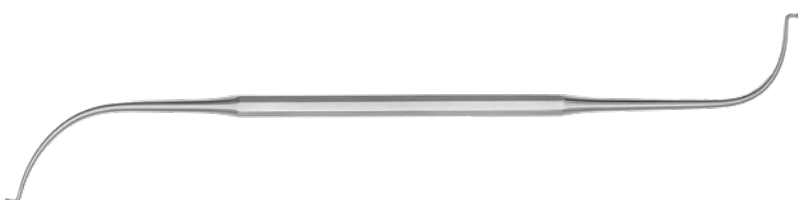
coarse

3mm 252-053-003

4mm 252-053-004

**KUHN-BOLGER**

Double Instrument, hook angled to the right

210mm, 8^{1/4}" 252-025-210**KUHN-BOLGER**Double Instrument, probes angled to side
70°/90°210mm, 8^{1/4}" 252-026-210Double Instrument, Ostium probe, double-ended
ball probe: 1.2mm / 2.0 mm210mm, 8^{1/4}" 252-025-190**FREER**Septum Elevator, double-ended,
semi-blunt/blunt

200mm, 8" 252-001-200

**SEWALL**

Antrum Elevator, blunt, 6mm

200mm, 8" 420-549-200

**PLESTER**

Sickle knife, slightly curved blade

160mm, 6^{1/4}" 410-101-160

Sickle knife, sharp, 200mm, 8"

sharp 252-205-190

blunt 252-215-190

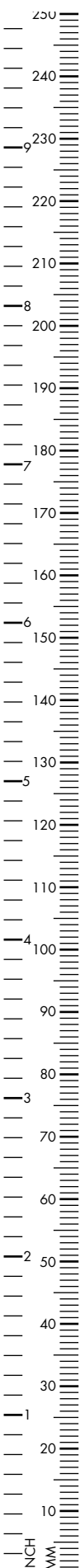
**HALLE**Antrum Curette, malleable, 210mm, 8^{1/4}"

Fig. 1 252-081-210

Fig. 2 252-082-210

Fig. 3 252-083-210



Antrum Spoon, oval, 200mm, 8"

Fig. 1, 7mm 252-071-190

Fig. 2, 8mm 252-082-190

Fig. 3, 9mm 252-093-190



Antrum Spoon, 200mm, 8"

round, 45° curved 252-171-190

oval, small, curved 252-182-190

oval, large, 30° angled 252-193-190

**PRATT**

Ethmoid Curette, double-ended

190mm, 7^{1/2}" 252-008-190

**KUHN-BOLGER**Antrum Spoon, 190mm, 7^{1/2}"

55° curved 252-172-190

90° curved 252-173-190

**UFFENORDE**Bone Curette, 170mm, 6^{2/3}"

45° angled right 210-345-007

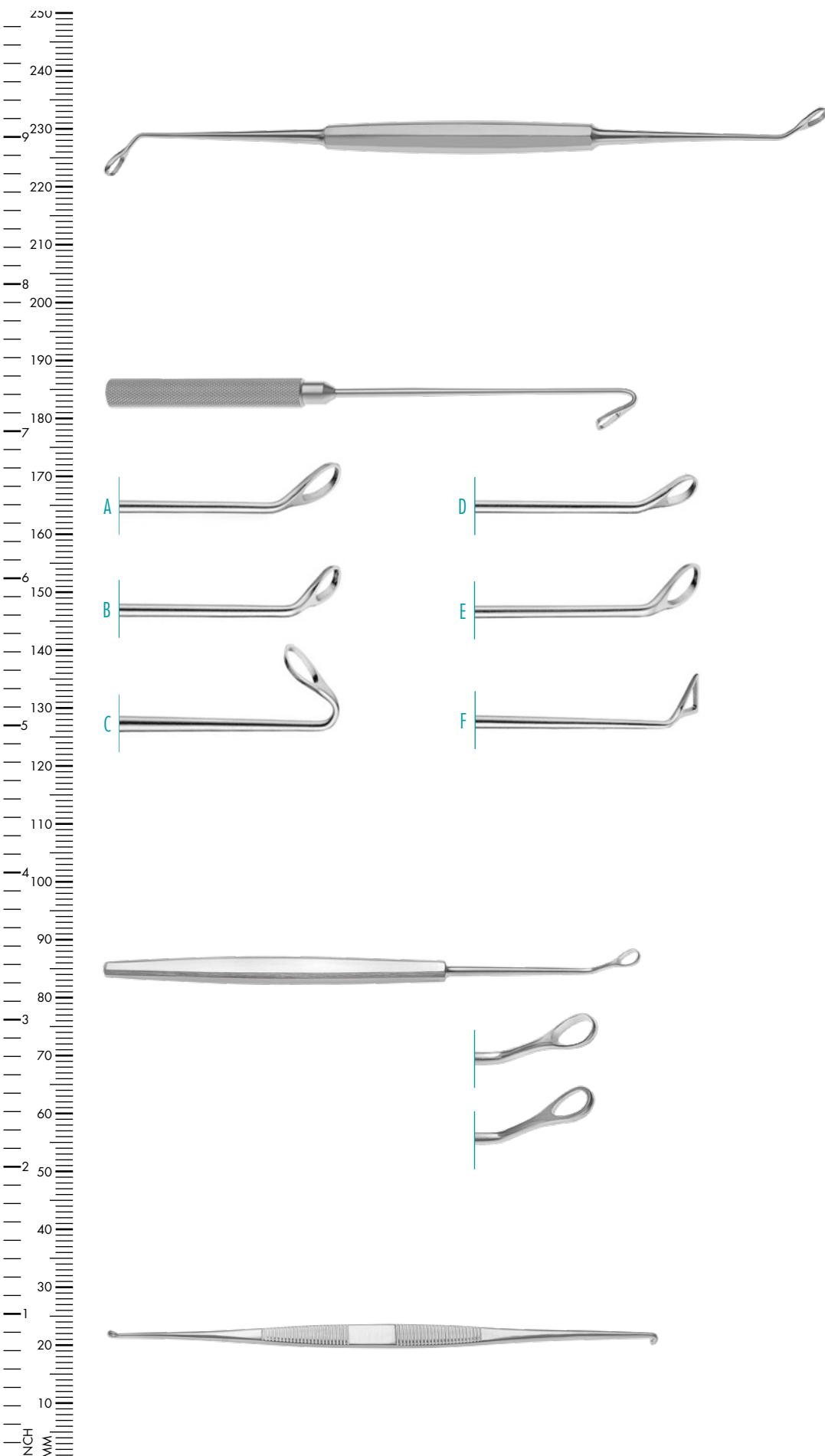
45° angled left 210-347-007

**FAULKNER**

Antrum Curette

220mm, 8^{2/3}" 252-071-220**FAULKNER**Antrum Curette, malleable, 220mm, 8^{2/3}"

5 x 9mm ring 252-071-222

**HALLE**

Antrum Curette

245mm, 9²/₃"

252-072-063

COAKLEYAntrum Curette, rigid shank, 170mm, 6²/₃"

A Fig. 1 252-072-001

B Fig. 2 252-072-002

C Fig. 3 252-072-003

D Fig. 4 252-072-004

E Fig. 5 252-072-005

F Fig. 6 252-072-006

COAKLEY

Antrum Curette, small size, 200mm, 8"

forward cutting 252-113-190

backward cutting 252-114-190

Curette, double-ended, oval, short curve 45°,
 semi-sharp, 2.2mm
 other side: 90° long curve, 2.7mm

190mm, 7¹/₂"

252-027-190

**RIBBON**

Retractor, malleable

200 x 6mm	170-973-006
200 x 12mm	170-973-012
200 x 17mm	170-973-017
200 x 20mm	170-973-020
250 x 25mm	170-973-025

**TUFFIER**

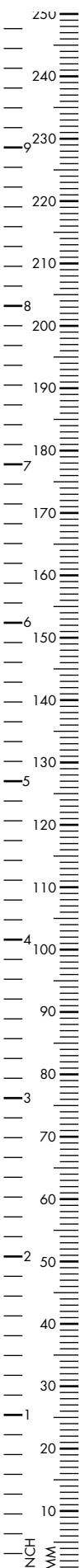
Retractor, malleable

200 x 25mm	170-975-250
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Orbital Protector

235mm, 9 1/4"	252-042-235
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Antrum Punch, 3.5 x 3.7mm bite,
110mm / 4¹/₃" working length

65° forward biting 252-150-110

30° upwards cutting 252-151-110



HAJEK-KOFLER

Sphenoid Punch, 3.5 x 3.7mm, 360° rotating

170mm, 6²/₃" 252-535-170



MCKENTY

Sphenoid Punch, rotating, through cutting,
1.8 x 2.0mm

120mm, 4³/₄" 252-147-120

1.6 x 2.0mm

170mm, 6²/₃" 252-146-170

**MCKENTY**

Sphenoid Punch, rotating, upwards cutting,
1.6 x 2.0mm

170mm, 6²/₃" 252-151-170

**CITELLI**

Bone punch, 1.5 mm, through cutting

170mm, 6²/₃" 252-147-170

**BEYER**

Bone punch, 2.0 mm, through cutting

170mm, 6²/₃" 252-148-170

**HAJEK-KOFLER**

Bone Nibbler, 3.5 x 3.5mm,
140mm, 5¹/₂"

upbiting	252-145-001
downbiting	252-145-002
upbiting, backward	252-145-003
downbiting, backward	252-145-004
upbiting, forward	252-145-005
upbiting, 4.5 x 4.5mm	252-146-001

**KERRISON**

Punch, regular handle, superflat footplate



180mm, 7"

40° upwards cutting

1mm	250-400-181SF
1.5mm	250-400-189SF
2mm	250-400-182SF
3mm	250-400-183SF
4mm	250-400-184SF
5mm	250-400-185SF



180mm, 7"

40° downwards cutting

1mm	250-420-181SF
1.5mm	250-420-189SF
2mm	250-420-182SF
3mm	250-420-183SF
4mm	250-420-184SF
5mm	250-420-185SF

180mm, 7"

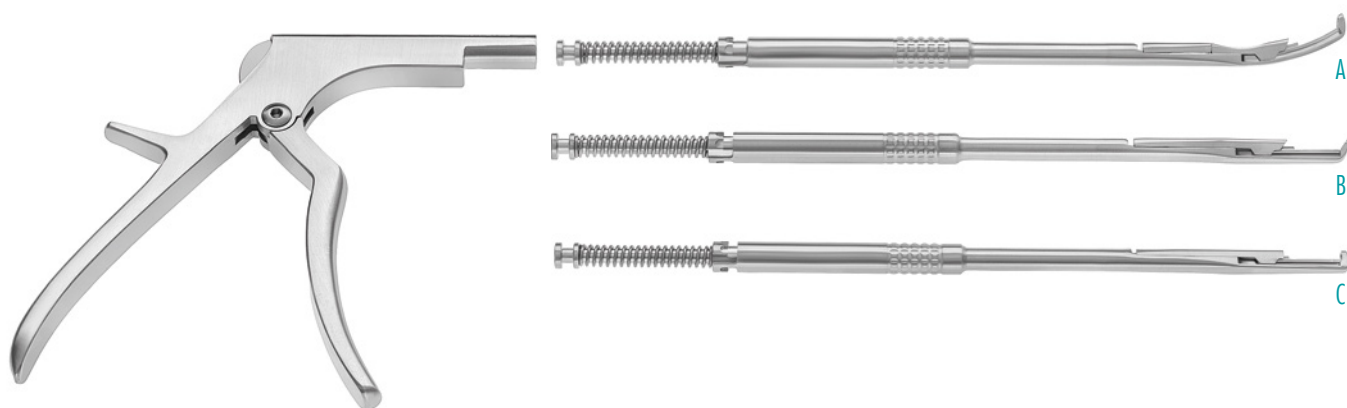
90° upwards cutting

1mm	250-411-181SF
2mm	250-411-182SF
3mm	250-411-183SF
4mm	250-411-184SF
5mm	250-411-185SF

180mm, 7"

90° downwards cutting

1mm	250-430-181SF
2mm	250-430-182SF
3mm	250-430-183SF
4mm	250-430-184SF
5mm	250-430-185SF



Handle only

250-245-000

A 360° Foraminotomy Punch
exchangeable shaft, ejector, thin footplate
40° angled

180mm, 7"		200mm, 8"	
2mm	250-280-182	2mm	250-280-202
3mm	250-280-183	3mm	250-280-203
4mm	250-280-184	4mm	250-280-204
5mm	250-280-185	5mm	250-280-205

B 360° Laminectomy Punch
exchangeable shaft, ejector, thin footplate
40° angled

180mm, 7"		200mm, 8"	
1mm	250-210-181	1mm	250-210-201
1.5mm	250-210-180	1.5mm	250-210-200
2mm	250-210-182	2mm	250-210-202
3mm	250-210-183	3mm	250-210-203
4mm	250-210-183	4mm	250-210-204
5mm	250-210-185	5mm	250-210-205

C 360° Laminectomy Punch
exchangeable shaft, ejector, thin footplate
90° angled

180mm, 7"		200mm, 8"	
1mm	250-245-181	1mm	250-245-201
1.5mm	250-245-180	1.5mm	250-245-200
2mm	250-245-182	2mm	250-245-202
3mm	250-245-183	3mm	250-245-203
4mm	250-245-184	4mm	250-245-204
5mm	250-245-185	5mm	250-245-205

All instruments are available with CERACUT® coating. Code number + CC (e.g. 250-400-181CC)



Frontal Sinus Punch Forceps, 40° upbiting forward, 2mm, 70° upturned shaft, 140mm, 5 1/2"

2mm bite	252-499-175
3mm bite	252-500-175



Frontal Ostium nasal forceps, 140mm, 5 1/2"

3x3mm, 5mm	252-499-140
2x2mm, 5mm	252-500-140
5x5mm, 5mm	252-501-140



Sinuscope, autoclavable, Ø 4mm,
180mm, 7"

● 0°	252-104-000
● 30°	252-104-030
● 45°	252-104-045
● 70°	252-104-070



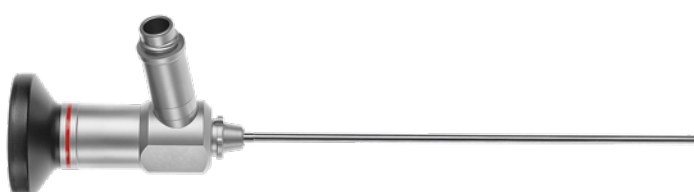
Sinuscope, autoclavable, Ø 2.7mm,
180mm, 7"

● 0°	252-127-000
● 30°	252-127-030
● 70°	252-127-070



Sinuscope, autoclavable, Ø 2.7mm,
110mm, 4¹/₃"

● 0°	252-127-200
● 30°	252-127-230



Sinuscope, Ø 3.0mm,
140mm, 5¹/₂"

0°	252-130-000
30°	252-130-030
45°	252-130-045
70°	252-130-070

Flat Handle for Sinusscopes, 120mm, 4^{3/4}"

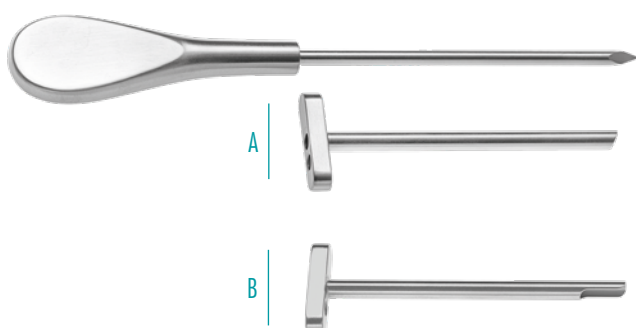
for Ø 4.0mm 251-104-001

for Ø 2.7mm 251-127-001

Round Handle for Sinusscopes, 120mm, 4^{3/4}"

for Ø 4.0mm 251-104-002

for Ø 2.7mm 251-127-002

Sinuscopy Trocar and Sheath, Ø 5.2mm,
85mm working length, sharp
for 4mm scopes

A oblique end 251-104-120

B duckbill tip 251-105-120

for 2.7mm scopes

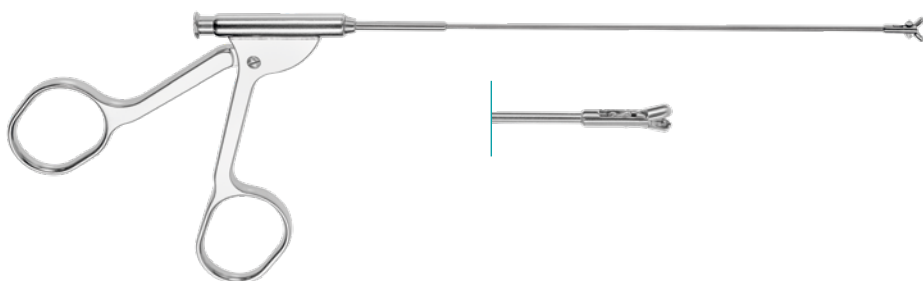
A oblique end 251-127-120



Biopsy and Grasping Forceps,
3 x 6mm oval cup

90mm, 3 1/2"

252-503-090



Biopsy and Grasping Forceps, delicate pattern,
3 mm oval cup

140mm, 5 1/2"

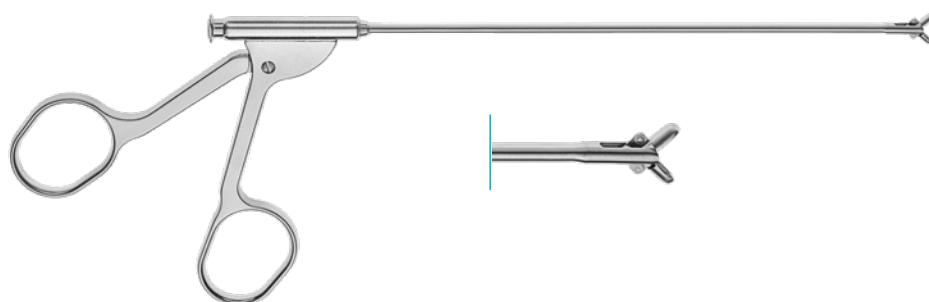
252-503-140



Biopsy and Grasping Forceps, malleable shaft,
4mm biopsy cup, vertical opening

180mm, 7"

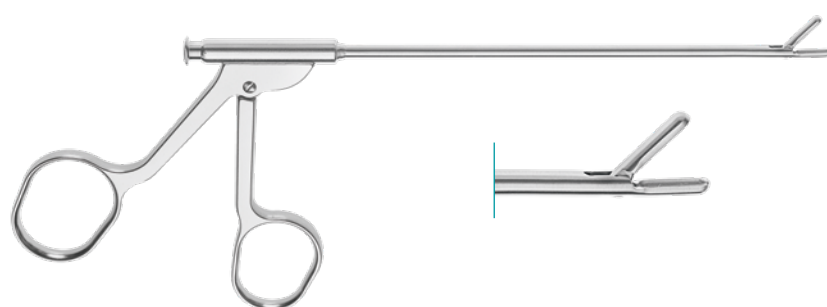
252-174-180



Biopsy and Grasping Forceps,
3mm round cup, straight

150mm, 6"

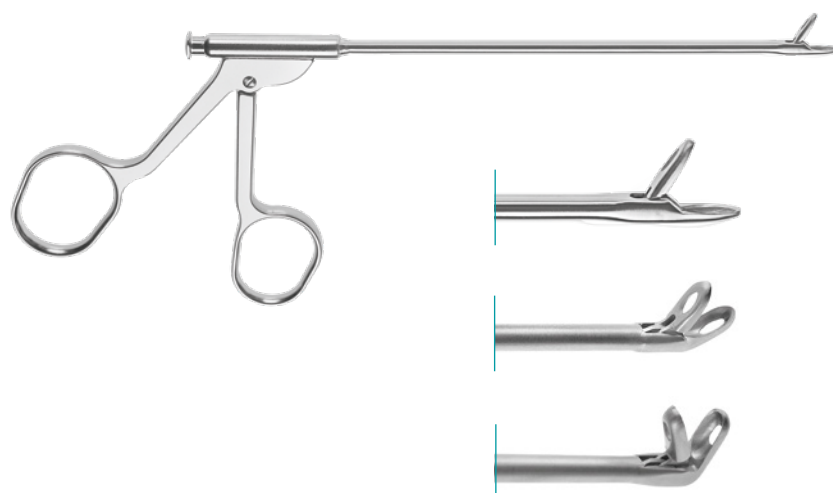
252-503-150

**TAKAHASHI**

Ethmoidal Forceps, 3 x 10mm

130mm, 5 1/8"

252-002-130

**BLAKESLEY**

Ethmoidal Forceps, straight, 130mm, 5 1/8"

Size 0, 2.5mm 252-034-130

Size 1, 3.0mm 252-034-131

Size 2, 3.5mm 252-034-132

Size 3, 4.0mm 252-034-133

Size 4, 5.0mm 252-034-134

Size 5, 6.0mm 252-034-135

BLAKESLEY-WILDE

45° curved up

Size 0, 2.5mm 252-035-130

Size 1, 3.0mm 252-035-131

Size 2, 3.5mm 252-035-132

Size 3, 4.0mm 252-035-133

Size 4, 5.0mm 252-035-134

Size 5, 6.0mm 252-035-135

BLAKESLEY-WILDE

90° curved up

Size 0, 2.5mm 252-037-130

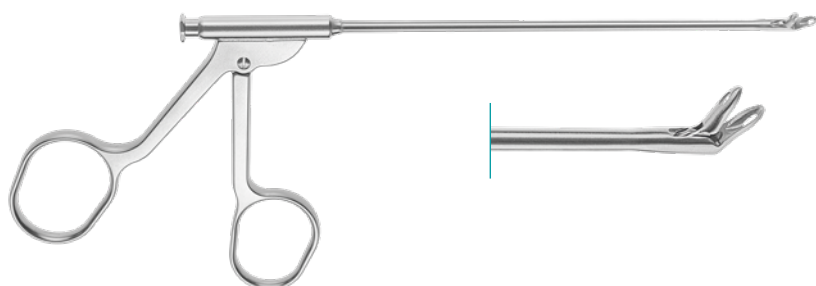
Size 1, 3.0mm 252-037-131

Size 2, 3.5mm 252-037-132

Size 3, 4.0mm 252-037-133

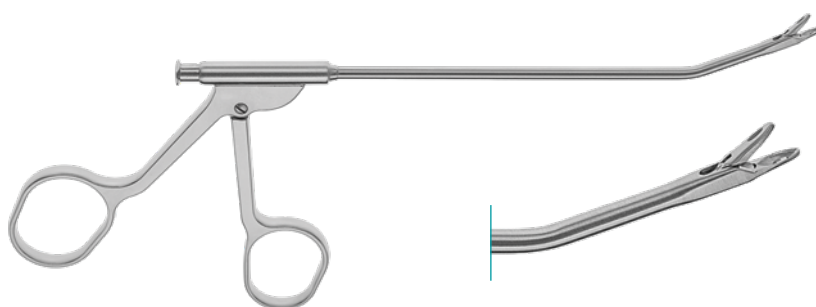
Size 4, 5.0mm 252-037-134

Size 5, 6.0mm 252-037-135

**STRUEMPEL-VOSS**

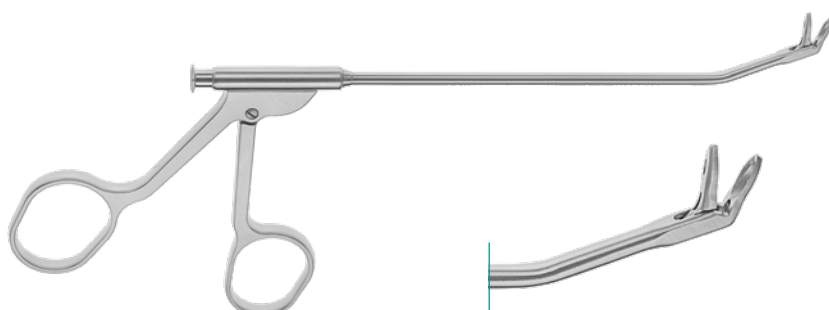
Ethmoidal Forceps, 90° curved to the right,
45° upwards, 130mm, 5¹/₈"

Size 1	252-036-131
Size 2	252-036-132

**BLAKESLEY**

Spoon Forceps, 2.7mm straight,
130mm working length

25°	252-234-130
45°	252-234-131

**BLAKESLEY**

Spoon Forceps, 45° curved up
130mm working length

2.7mm	252-235-130
3.0mm	252-235-131
3.5mm	252-235-132

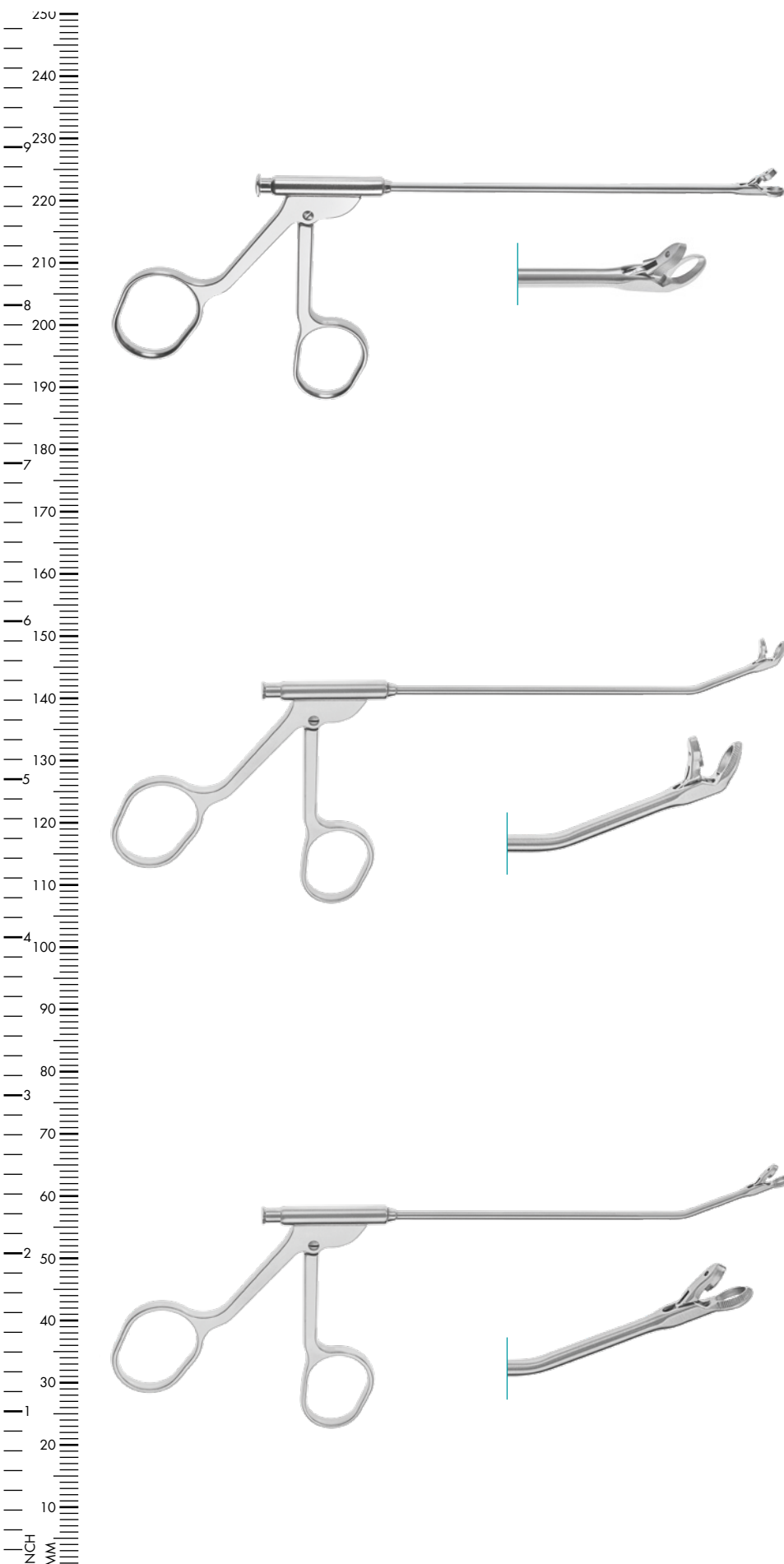
**BLAKESLEY**Ethmoidal Forceps, straight, 130mm, 5¹/₈"

Fig. 0, 3.0mm 252-004-130

Fig. 1, 3.5mm 252-004-131

Fig. 2, 4.0mm 252-004-132

45° curved up

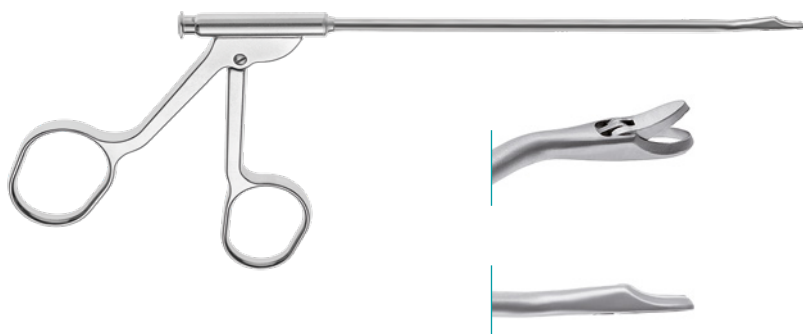
Fig. 0, 3.0mm 252-014-130

Fig. 1, 3.5mm 252-014-131

Fig. 2, 4.0mm 252-014-132

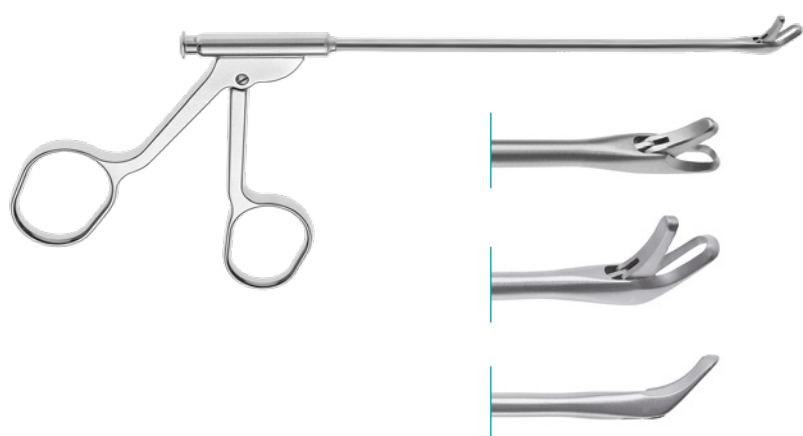
BLAKESLEYSpoon Forceps, cutting, 2.7mm,
45° angled up, sheath 25° bent up130mm, 5¹/₈" 252-214-130**BLAKESLEY**Spoon Forceps, cutting, 2.7mm,
straight sheath, sheath 25° bent up

252-204-130

**BLAKESLEY**

Ethmoidal Forceps, through-cutting,
115mm, 4^{1/2}"

30° curved left	252-401-025
30° curved right	252-403-025

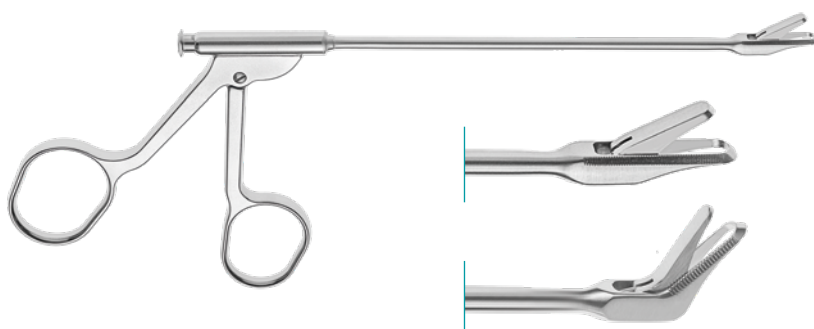
**DUCKBILL**

Duckbill Punch, straight,
130mm, 5^{1/8}" working length

Fig. 0, 2.0mm bite	252-206-000
Fig. 1, 2.5mm bite	252-206-001
Fig. 2, 3.0mm bite	252-206-002

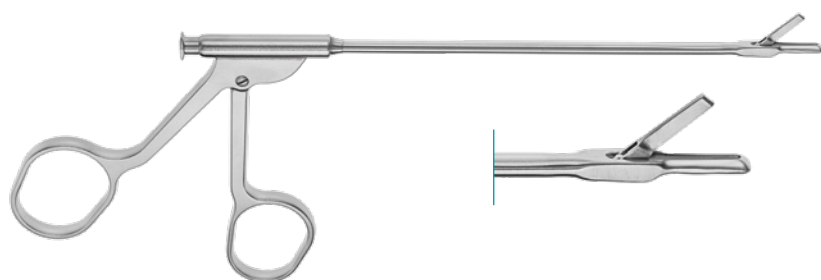
upwards curved

Fig. 0, 2.0mm bite	252-207-000
Fig. 1, 2.5mm bite	252-207-001
Fig. 2, 3.0mm bite	252-207-002

**GRUENWALD-HENKE**

Nasal Forceps, through-cutting,
130mm, 5^{1/8}" working length

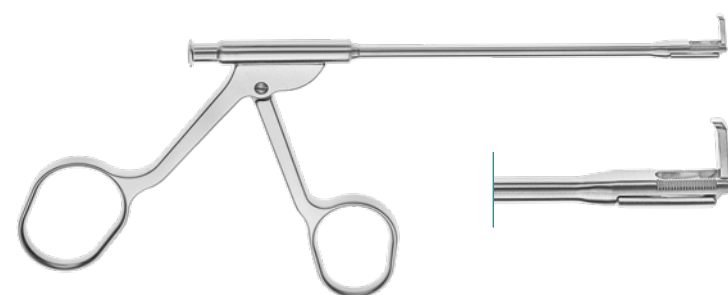
straight	
8.0 x 3.0mm	252-013-130
11.5 x 3.5mm	252-014-135
upcurved	
8.0 x 3.0mm	252-013-145
11.5 x 3.5mm	252-014-145

**STRUYCKEN**

Ethmoidal Forceps

130mm, 5 1/8"

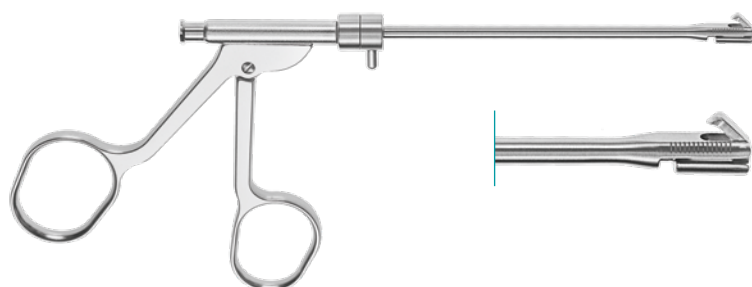
252-003-130

**OSTROM**Antrum punch, 2.5mm bite, backwards cutting,
100mm, 4" working length

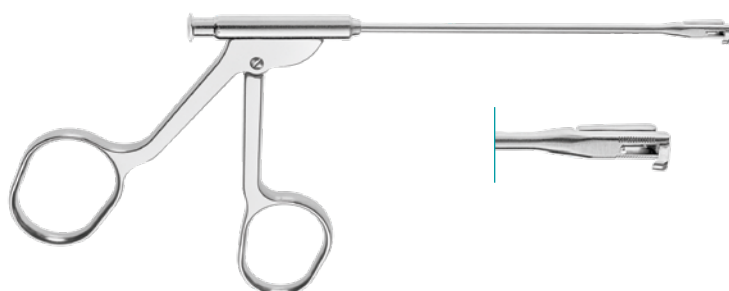
upside cutting 252-015-100

right side cutting 252-115-100

left side cutting 252-215-100

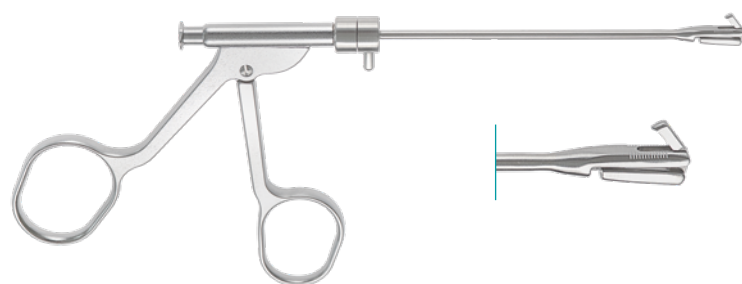
**OSTROM**Antrum punch, 2.5mm bite, backwards cutting,
360° rotatable,100mm, 4"
working length

252-315-100

**OSTROM**

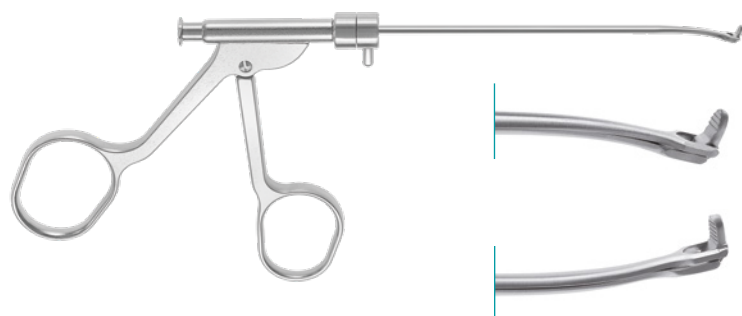
Antrum punch, 1.5mm bite, backwards cutting,
100mm, 4" working length

upside cutting	252-010-100
right side cutting	252-110-100
left side cutting	252-210-100

**OSTROM**

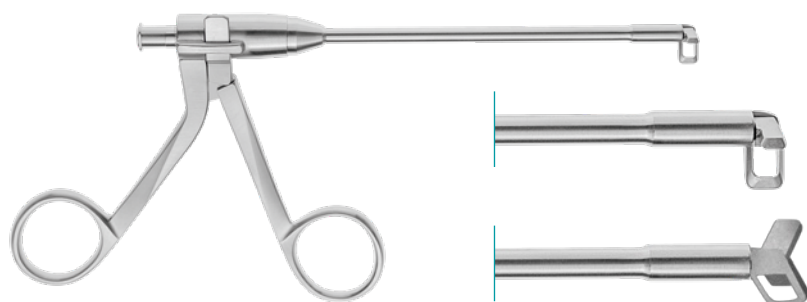
Antrum punch, 1.5mm bite, backwards cutting,
360° rotatable

100mm, 4" working length	252-310-100
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**OSTROM**

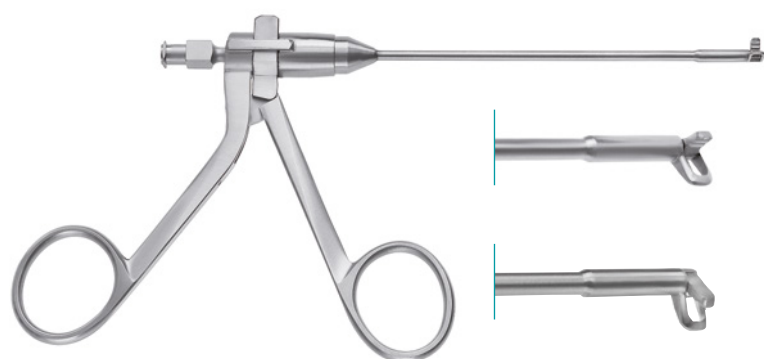
Ethmoidal Forceps, rotating, micro bite
100mm, 4"

curved down	252-315-200
curved up	252-315-300

**SIDECUTTER**

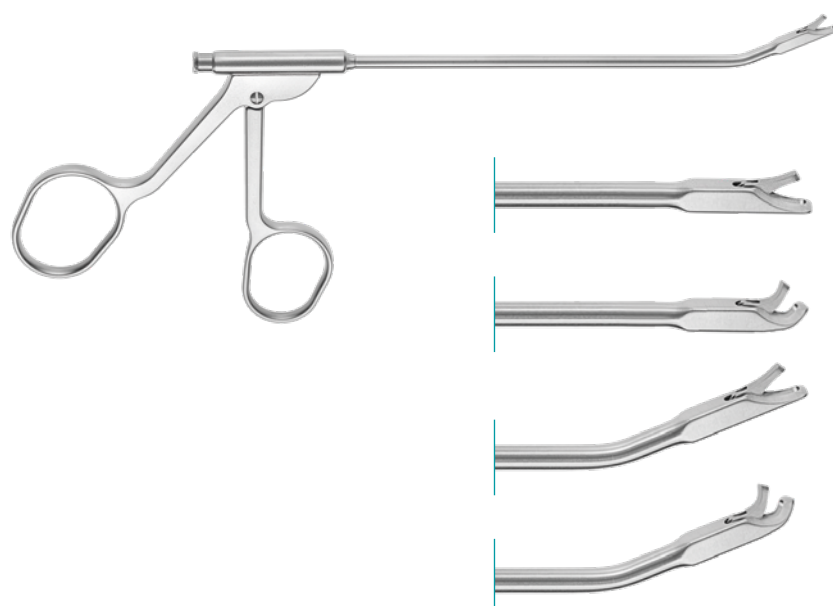
Antrum punch, 3.5mm bite,
100mm, 4" working length

downward right cutting	252-171-100
downward left cutting	252-173-100

**SIDECUTTER**

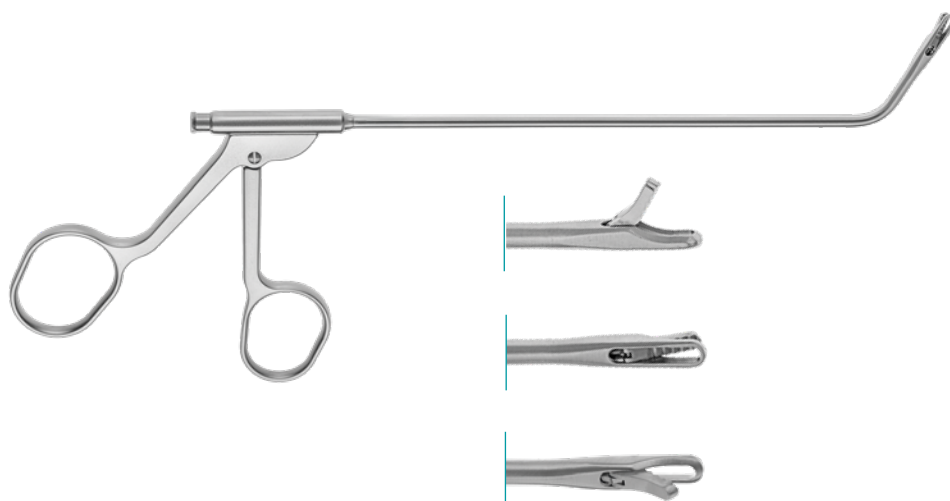
Antrum punch, 2.5mm bite,
100mm, 4" working length

left cutting	252-173-700
right cutting	252-171-700
downward right cutting	252-171-300
downward left cutting	252-173-300



Nasal Forceps, 1.5mm, thru-cutting,
with LuerLock, 130mm, 5^{1/8}" working length

straight shaft	252-020-130
jaws 45° angled up	252-019-130
straight jaws, 30° curved up	252-017-130
30° curved up, jaws 45° angled up	252-015-130

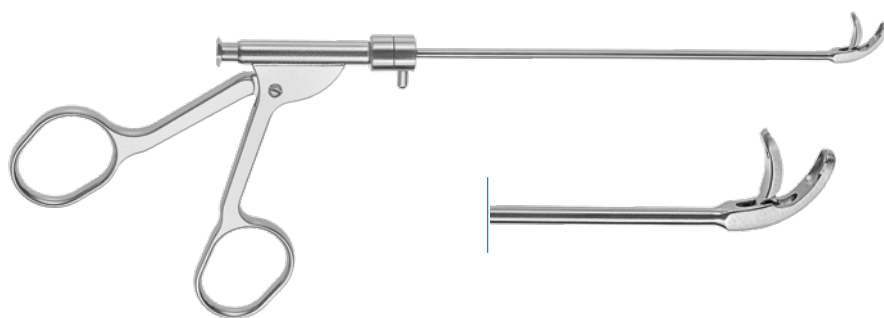
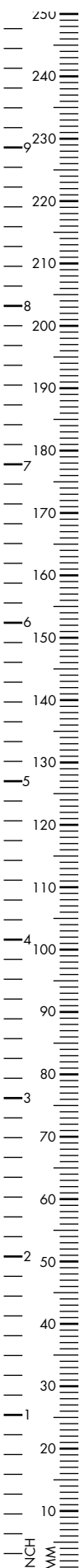
**NICOLAI**

Antrum Forceps, 2mm bite, 65° curved up

backward opening	252-477-141
left opening	252-477-142
right opening	252-477-143

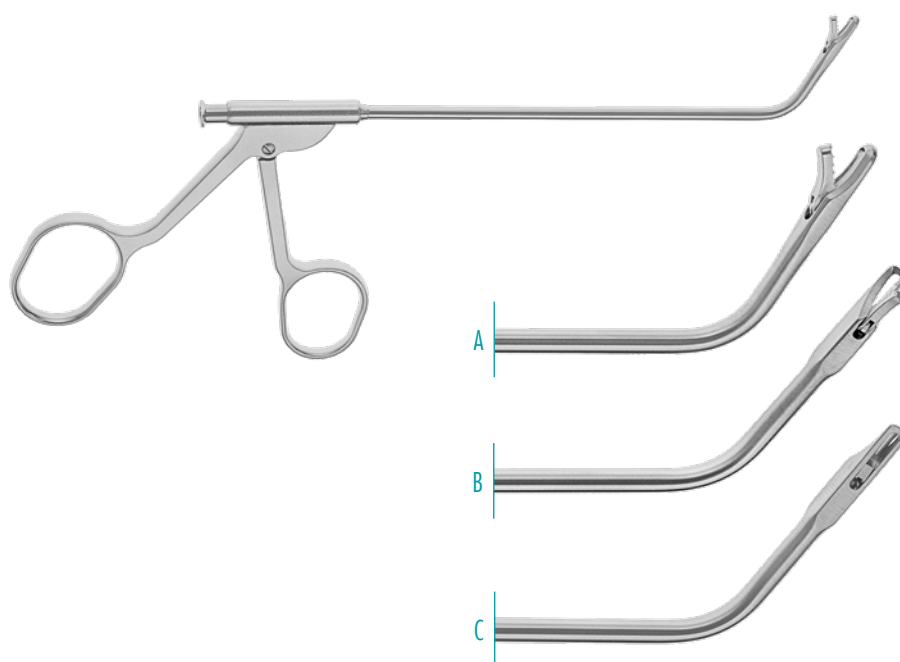
**HEUWIESER**Antrum Grasping Forceps, 90° curved, 130mm, 5^{1/8}"

A 120° backward opening	252-410-112
B 120° left opening	252-410-113
C 120° left opening	252-410-111
D 120° upwards angled	252-410-110
E 115° curved, 140° backward opening	252-410-114
F 140° curved, 155° backward opening	252-410-115

**HEUWIESER**

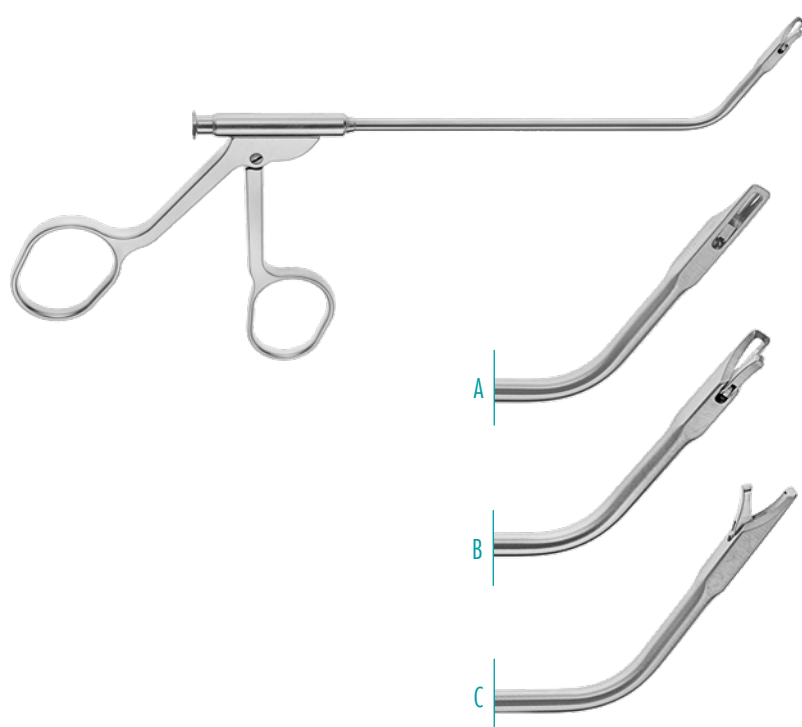
Antrum Grasping Forceps, rotating,
130mm, 5 1/8"

120° curved, 90° backward opening 252-411-112

**GRÜNWALD**

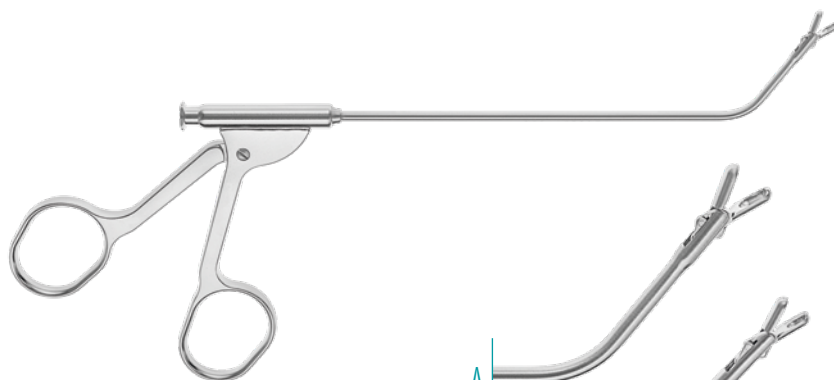
Sinuscopy Forceps, 70° curved up,
2.0mm cut, 130mm, 5 1/8"

A upside opening 252-600-070
B right side cutting 252-601-070
C left side cutting 252-602-070

**KUHN**

Ethmoidal Forceps, 60° curved up,
1.5mm cut, through-cutting,
120mm, 4 3/4"

A left 252-415-121
B right 252-415-122
C vertical opening 252-415-120



A

B

C

D

KUHN-BOLGERGiraffe Forceps, 55° angled up,
130mm, 5^{1/8}"

A vertical action, 3x6 mm	252-343-120
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A vertical action, 2x4 mm	252-342-120
------------------------------	-------------

C horizontal action, 3x6 mm	252-353-120
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D horizontal action, 2x4 mm	252-352-120
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A

B

C

D

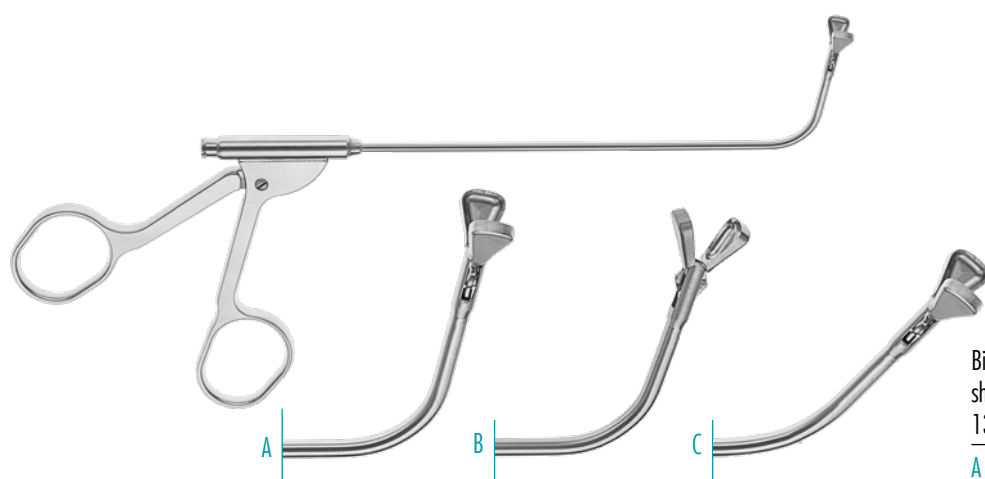
RZGiraffe Biopsy Forceps, 4x8mm
130mm, 5^{1/8}"

A 110°, vertical opening	252-570-120
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B 70°, vertical opening	252-470-120
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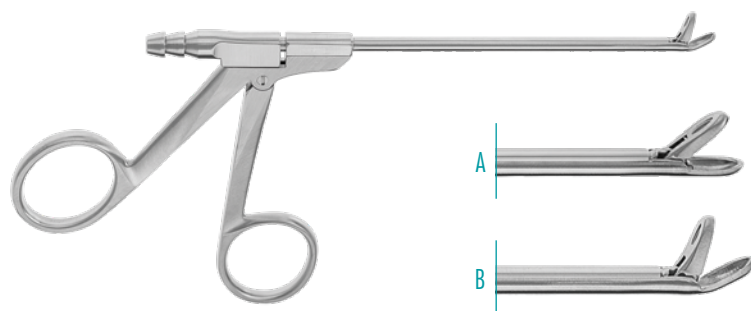
C 110°, horizontal opening	252-770-120
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D 70°, horizontal opening	252-670-120
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Biopsy Forceps, horizontal opening,
shaft 80° upcurved, pear-shaped
130mm, 5 1/8"

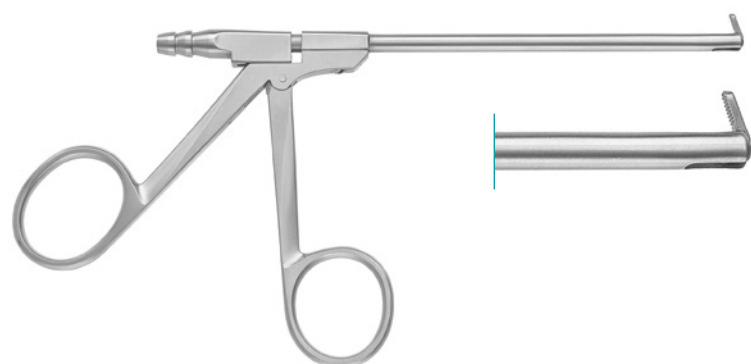
A horizontal opening	252-473-130
B vertical opening	252-472-130
C 45° horizontal opening	252-471-130



BLAKESLEY

Suction Punch, 3.5mm jaw,
Ø 4.0mm shaft

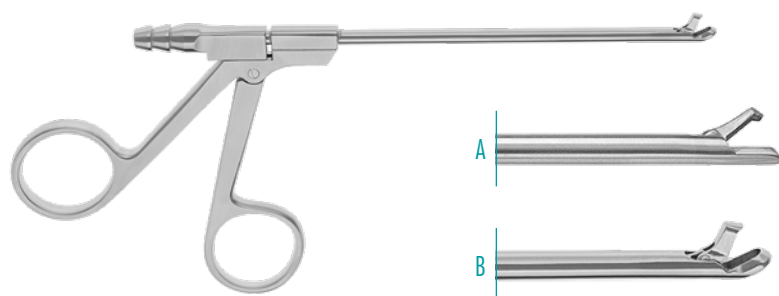
A straight	252-022-100
B curved up	252-122-100



OSTROM

Suction Punch, 2.5mm jaw
Ø 5.0mm shaft

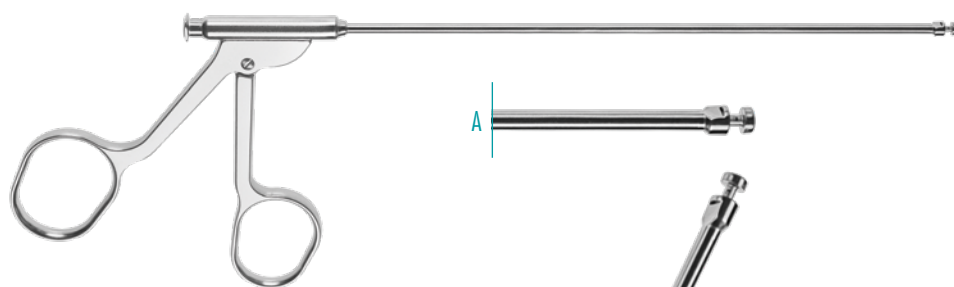
upside	252-015-500
right	252-015-520
left	252-015-510



GRUENWALD

Suction Punch, 2.0mm jaw
Ø 4.0mm shaft, through-cutting

A straight	252-502-100
B upcurved	252-502-145



A

STAMMBERGER

Circular Punch, 160mm, 6 1/4"

A straight

Ø 3.5mm 252-533-170

Ø 4.5mm 252-536-170

B 65° curved up

Ø 3.5mm 252-534-170

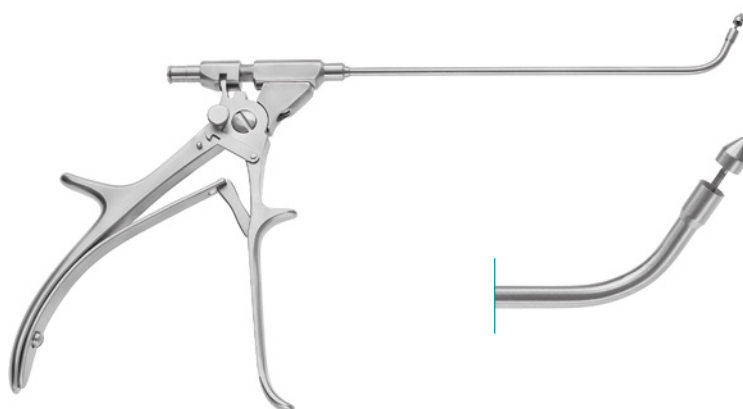
Ø 4.5mm 252-537-170

B



Circular Punch, 60° curved up, oval,
Ø 3.5mm

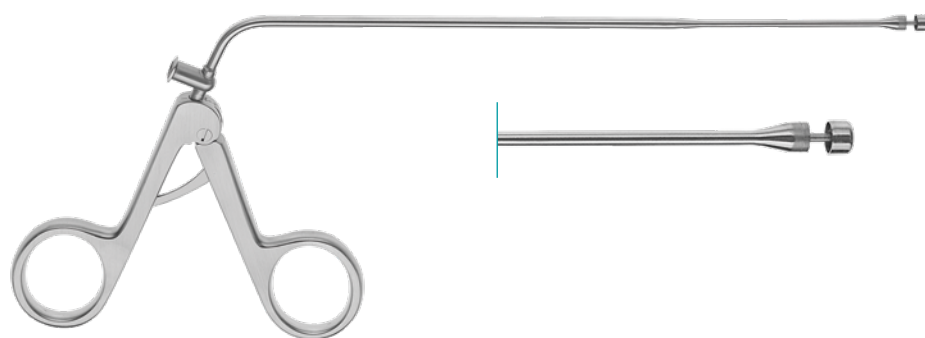
160mm, 6 1/4" 252-537-335



Circular Punch, 70° upturned shaft,
with Luer-Lock

Ø 3.5mm 252-534-270

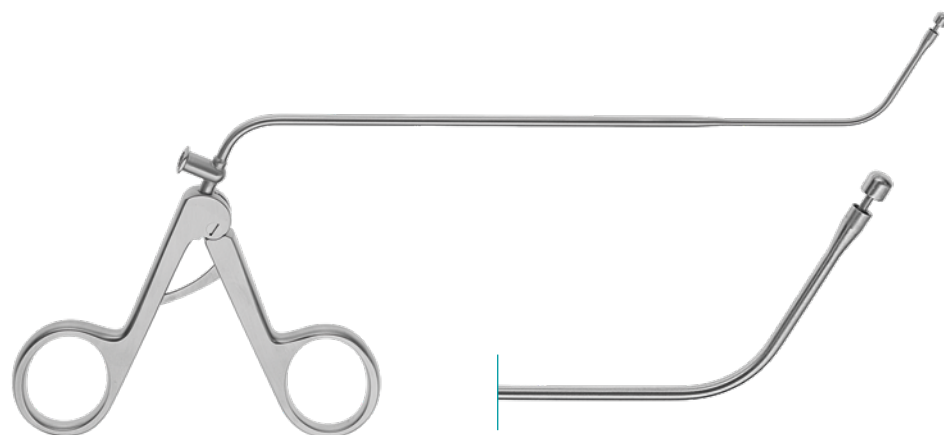
Ø 4.5mm 252-537-270



Circular Punch, straight, with Luer-Lock
180mm working length

Ø 3.5mm 252-536-235

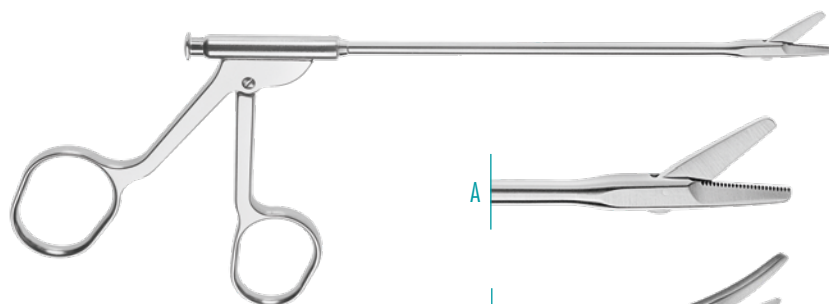
Ø 4.5mm 252-536-245



Circular Punch, 60° upcurved, with Luer-Lock
180mm working length

Ø 3.5mm 252-536-435

Ø 4.5mm 252-536-445



Nasal Scissors, Ø 3.5mm
130mm, 5¹/₈"

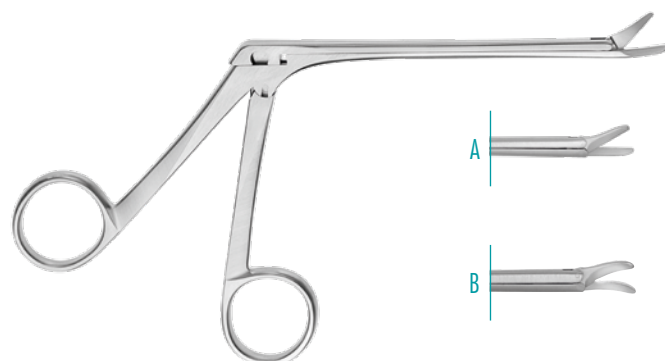
A straight	252-023-130
B left curved	252-024-130
C right curved	252-025-130
D curved up	252-026-130



OLIVECRONA

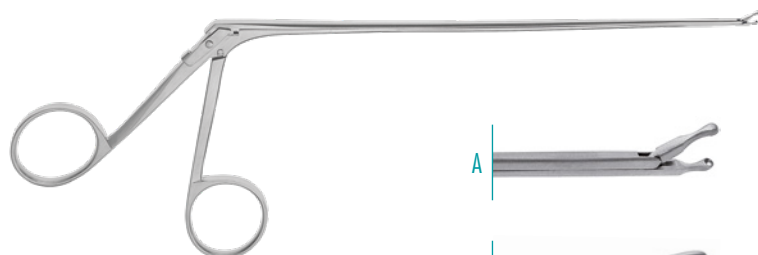
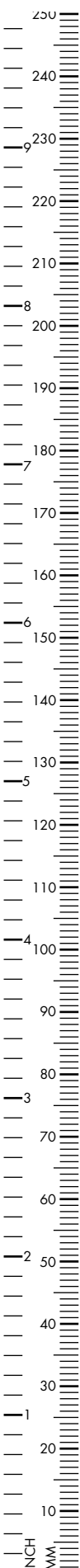
Nasal Scissors, serrated

230mm, 9" 120-208-230



Nasal Scissors, serrated upper blade,
120mm, 4³/₄"

A straight	420-414-120
B right curved	420-415-120
C left curved	420-416-120

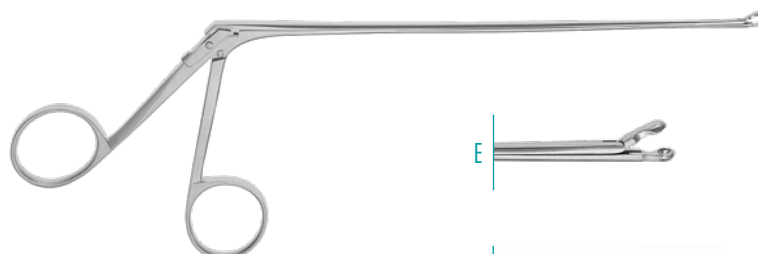


Oval Cup Forceps, 0.6mm jaw
160mm working length

A straight	252-810-160
B right curved	252-811-160
C left curved	252-813-160
D 45° upwards angled	252-815-160

190mm working length

A straight	252-810-190
B right curved	252-811-190
C left curved	252-813-190
D 45° upwards angled	252-815-190

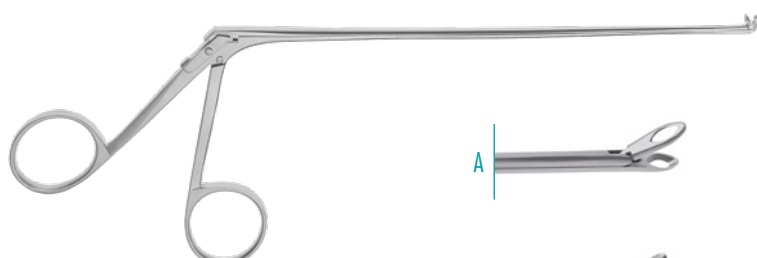


Oval Cup Forceps, 2.5mm jaw
160mm working length

E straight	252-816-160
F right curved	252-817-160
G left curved	252-818-160
H 45° upwards angled	252-819-160

190mm working length

E straight	252-816-190
F right curved	252-817-190
G left curved	252-818-190
H 45° upwards angled	252-819-190

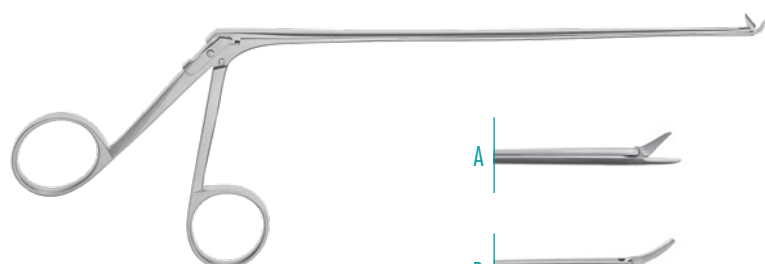
**STRÜMPEL**

Forceps, 2.5 x 7.0mm jaw,
160mm working length

A straight	252-820-160
B 60° upwards	252-821-160
C 90° upwards	252-823-160

190mm working length

A straight	252-820-190
B 60° upwards	252-821-190
C 90° upwards	252-823-190

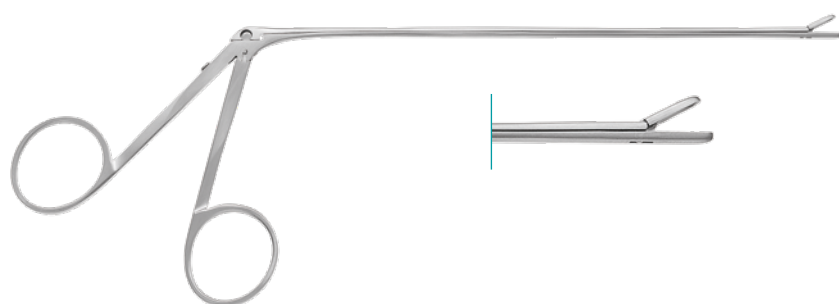


Scissors, 5mm blade,
160mm working length

A straight	252-830-160
B right curved	252-831-160
C left curved	252-833-160
D upwards angled	252-835-160

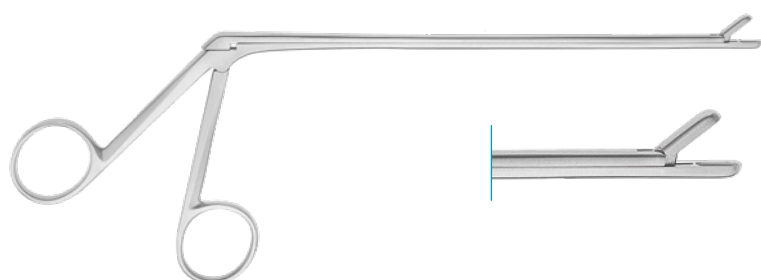
190mm working length

A straight	252-830-190
B right curved	252-831-190
C left curved	252-833-190
D upwards angled	252-835-190

**DECKER**

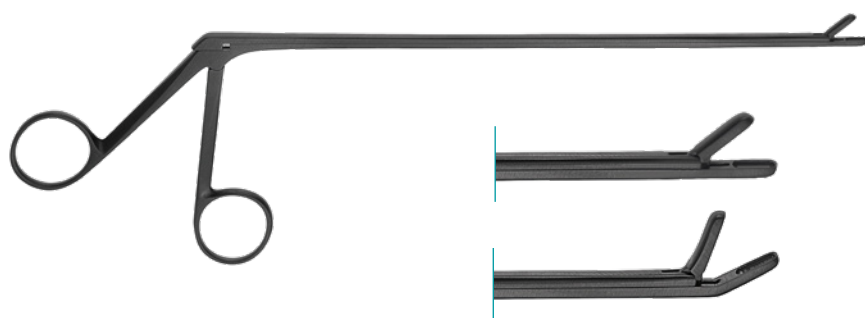
Rongeur, fine model, 2x6mm jaw
150mm, 6"

straight	250-066-817
left curved	250-066-824
right curved	250-066-827

**DECKER**

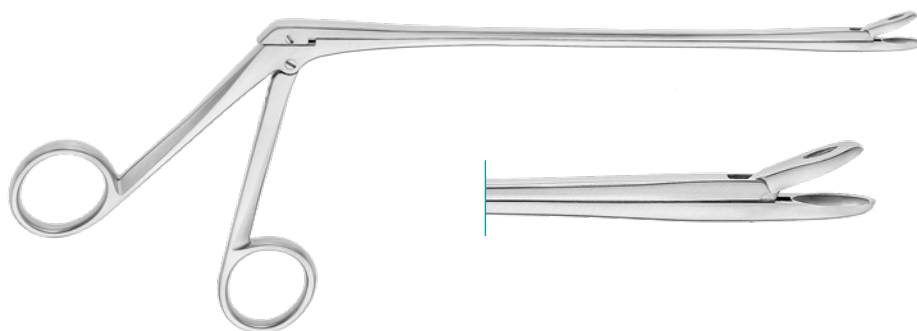
Rongeur, 2x6mm jaw, straight

150mm, 6"	250-067-817
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Micro Rongeur, CERA-CUT®
2mm jaw, 170mm, 6^{2/3}"

straight	250-300-170CC
upcurved	250-301-170CC

**WEIL BLAKESLEY**

Rongeur, fenestrated jaw,
180mm, 7", straight

3.0mm 252-030-180

3.5mm 252-035-180

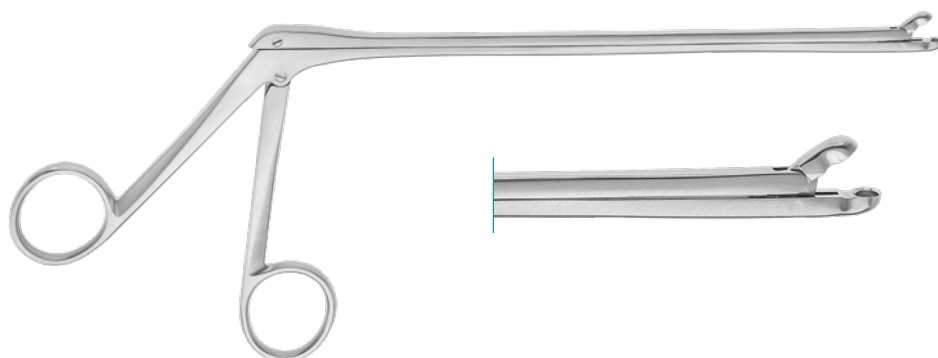
4.0mm 252-040-180

upwards angled

3.0mm 252-030-181

3.5mm 252-035-181

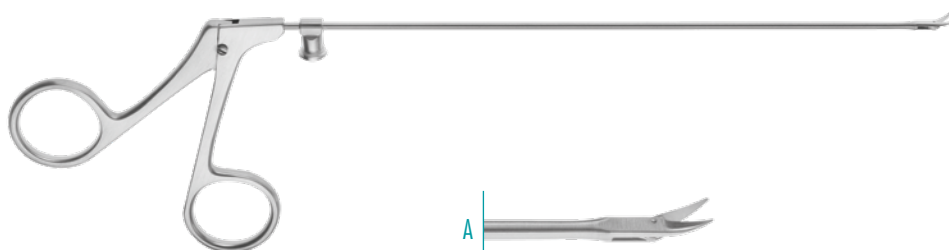
4.0mm 252-040-181

**YASARGIL**

Rongeur, 190mm, 7 1/2"

Ø2.2mm 250-066-599

Ø3.5mm 250-066-600



Micro Instrument with Luer-Lock
160mm, 6 1/4" working length



A
Micro Scissors

250-064-223



B NICOLA
Micro Forceps, Ø 2.5mm

250-064-222



C YASARGIL NICOLA
Micro Grasping Forceps, 1mm conical jaw

250-064-224



D NICOLA
Micro Scissors, straight

250-064-226

**CUSHING LANDOLT**

Specula for transsphenoidal hypophysectomy,
black finishing

70 x 15mm	250-150-100
90 x 15mm	250-150-101
100 x 15mm	250-150-102

**PAPAVERO CASPAR**

Specula for trans-sphenoidal hypophysectomy,
stainless steel

80 x 11mm	250-150-589
90 x 13mm	250-150-590
100 x 15mm	250-150-591

black finishing

80 x 11mm	250-150-689
90 x 13mm	250-150-690
100 x 15mm	250-150-691

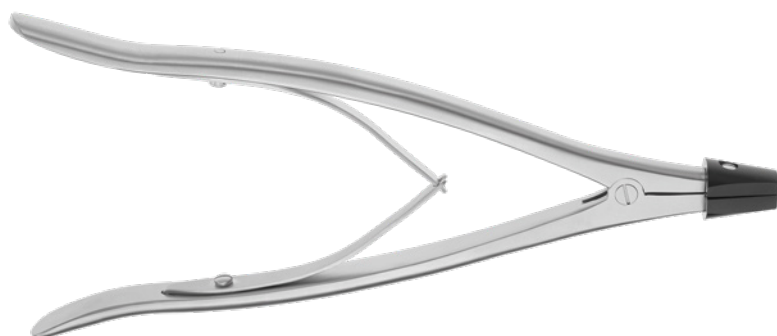
Key for specula

250-150-592



Transnasal Speculum, stainless steel, matted

80 x 9mm	250-150-280
90 x 9mm	250-150-290
100 x 9mm	250-150-300

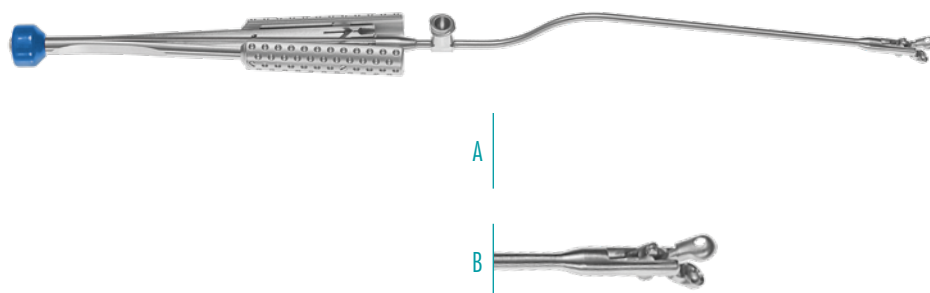
**LANDOLT**

Spreader for specula

210mm, 8 ¹ / ₄ "	250-150-210
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BAYOSPHERE

Micro Instruments, bayonet-shaped, 100mm working length



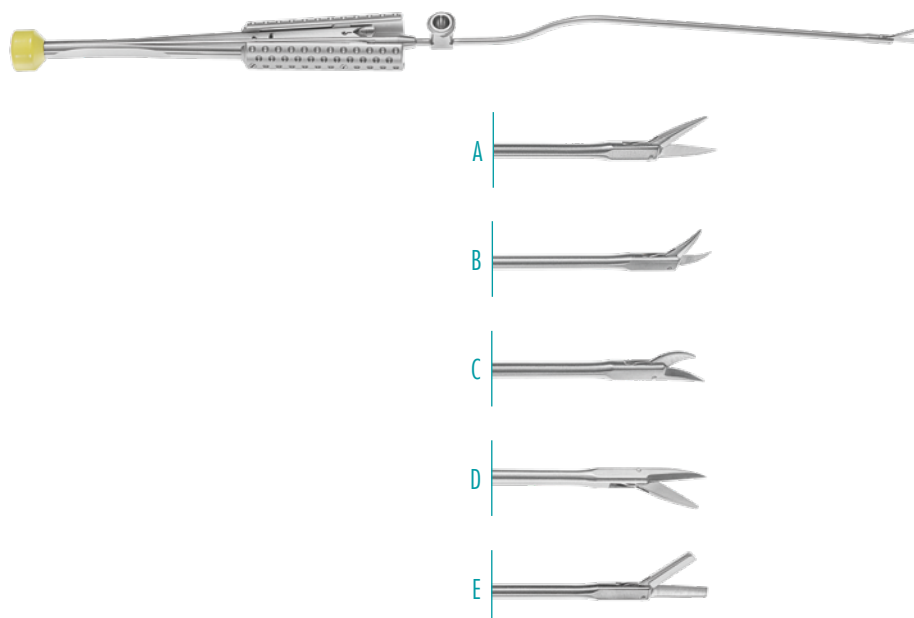
Micro Spoon Forceps

A vertical

2mm	252-800-102
4mm	252-800-104
6mm	252-800-106

B horizontal

2mm	252-800-112
4mm	252-800-114
6mm	252-800-116



Micro Scissors

A sharp, straight	252-800-200
B sharp, left curved	252-800-201
C sharp, right curved	252-800-203
D sharp, horizontal	252-800-204
E blunt, straight	252-800-210

BAYOSPHERE

Micro Instruments, bayonet-shaped, 100mm working length

**Micro Grasping Forceps**

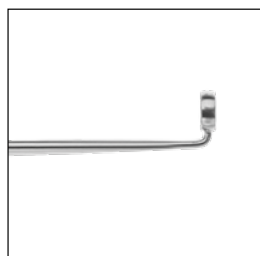
A	0.5mm, smooth	252-800-405
B	3.0mm, serrated	252-800-430
C	0.75mm, left curved	252-800-475

**Micro Needle Holder**

A	2x6mm, straight	252-800-510
B	1x6mm, left curved	252-800-511

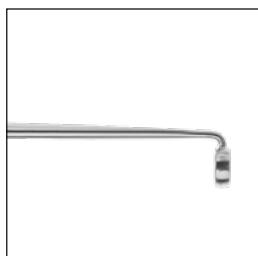
**YASARGIL Clip Applying Forceps**

A	Standard Clips	252-800-810
B	Mini Clips	252-800-820

**HARDY**Ring Curette, bayonet-shaped, 240mm, 9¹/₂"

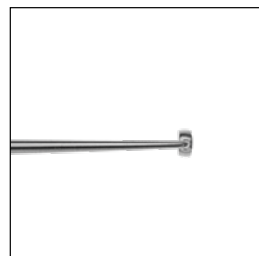
upwards angled

Ø 3mm 250-066-500
Ø 5mm 250-066-501



downwards angled

Ø 3mm 250-066-502
Ø 5mm 250-066-503



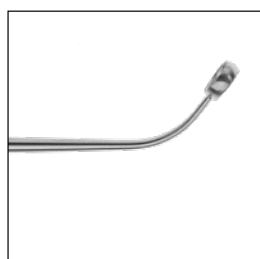
90° curved left

Ø 3mm 250-066-504
Ø 5mm 250-066-505



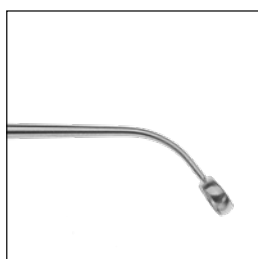
45° curved right

Ø 3mm 250-066-506
Ø 5mm 250-066-507



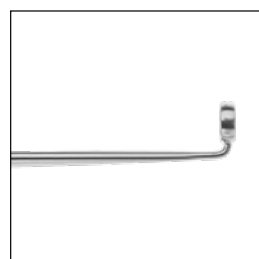
left curved

Ø 5mm 250-066-508

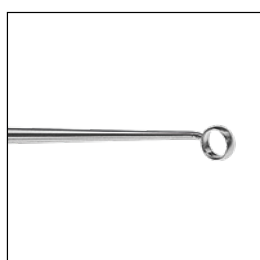


right curved

Ø 5mm 250-066-509

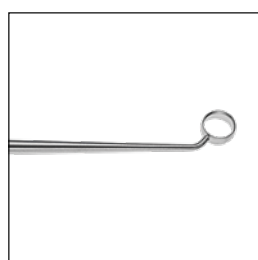
260mm, 10¹/₄", malleable

Ø 4mm 250-066-631
Ø 6mm 250-066-632

**RAY**Ring Curette, 190mm, 7¹/₂"

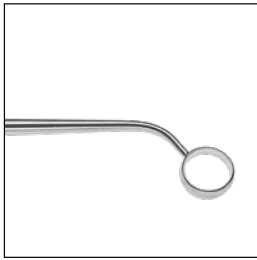
45° horizontal curved

Ø 4mm 250-066-611



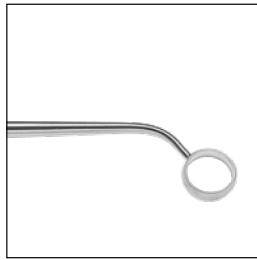
45° vertically curved

Ø 4mm 250-066-614

NICOLARing Curette, 210mm, 8¹/₄"

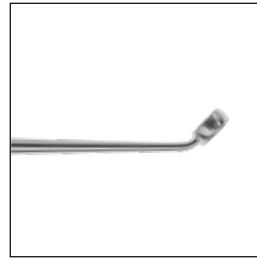
cutting to right

Ø 6.5mm 250-066-616



cutting to left

Ø 6.5mm 250-066-617



curved up

Ø 6.5mm 250-066-618

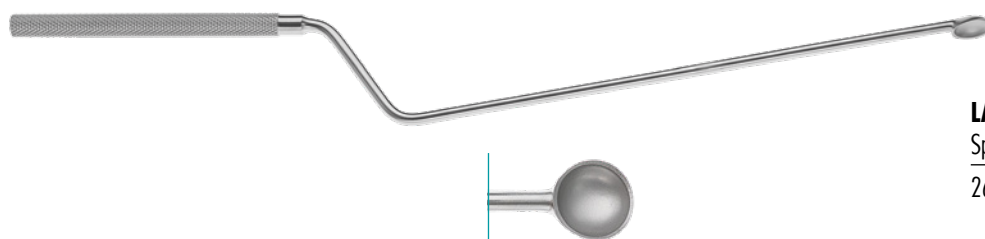
FAHLBUSCH

Ring Curette, 90°, Ø 2.5mm, malleable

260mm, 10¹/₄" 250-066-637**LANDOLT-REULEN**

Ring Curette, 45°, Ø 2.5mm

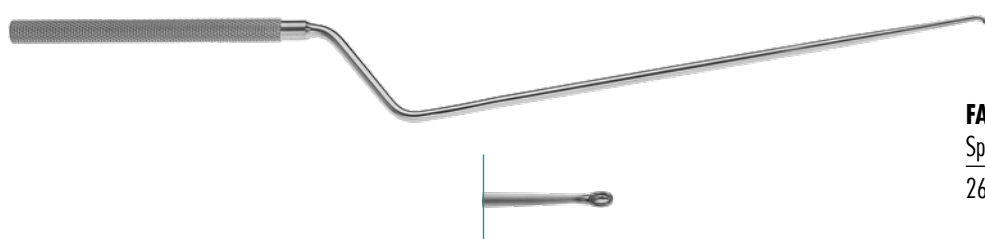
260mm, 10¹/₄" 250-066-642

**LANDOLT**

Spoon, malleable

260mm, 10¹/₄"

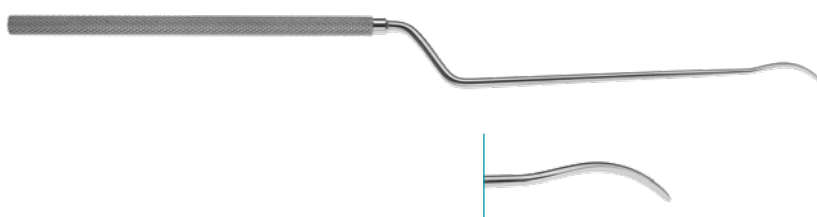
250-066-628

**FAHLBUSCH**

Spoon, malleable

260mm, 10¹/₄"

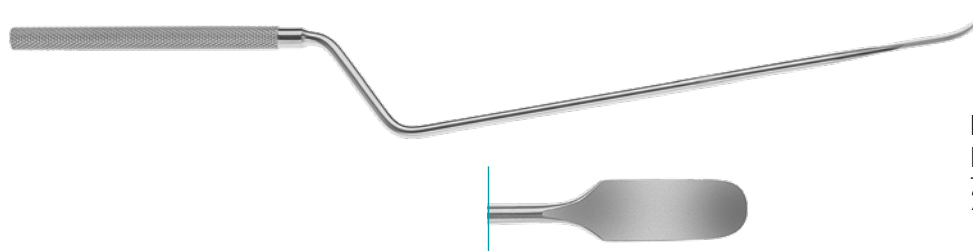
250-066-635

**NICOLA**

Raspatory, 2mm

215mm, 8¹/₂"

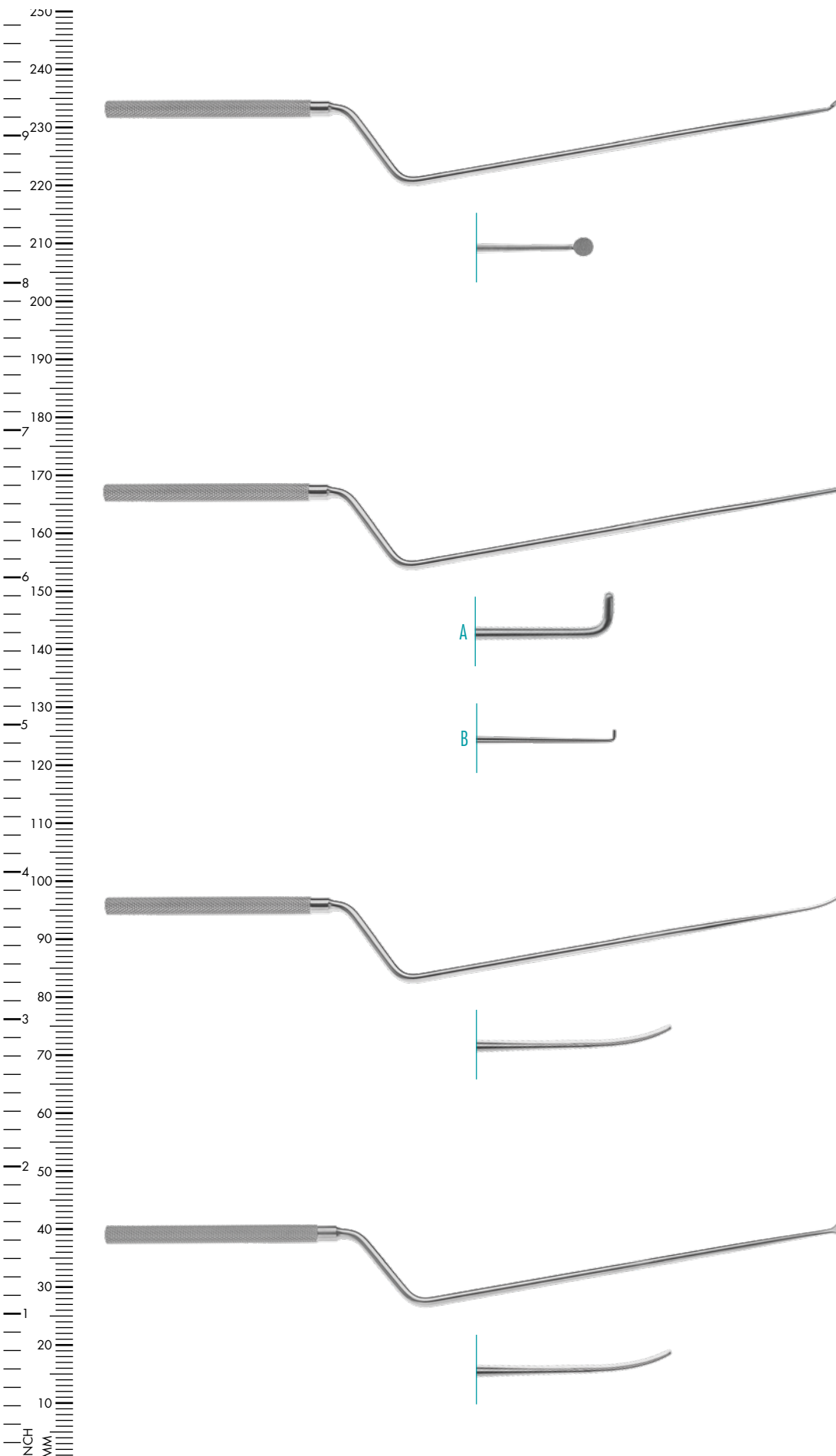
250-066-619

**LANDOLT**

Raspatory, malleable

260mm, 10¹/₄"

250-066-627

**LANDOLT-REULEN**

Raspatory, 260mm, 10^{1/4}"
malleable

Ø 2.2mm

250-066-640

LANDOLT

Hook, blunt

A 260mm, 10^{1/4}"

250-066-629

LANDOLT-REULEN

Hook, blunt

B 260mm, 10^{1/4}"

250-066-643

LANDOLT-REULEN

Dissector, Ø 2.0mm

260mm, 10^{1/4}"

250-066-644

HOSOBUCHI

Fork Spatula

260mm, 10^{1/4}"

250-066-630

**HARDY**Enucleator, blunt, 245mm, 9²/₃"

A curved left 250-066-620

B curved right 250-066-621

HARDY-FAHLENBUSCHEnucleator, fine, sharpened inner edge, 245mm, 9²/₃"

C curved left 250-066-608

D curved right 250-066-609

**LANDOLT**Enucleator, malleable, 260mm, 10¹/₄" blunt

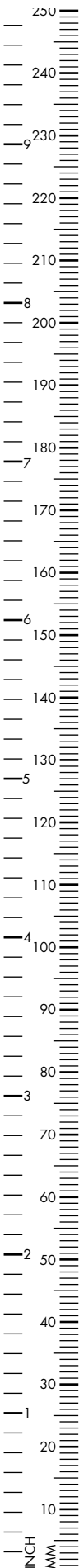
A right 250-066-625

B left 250-066-655

sharp

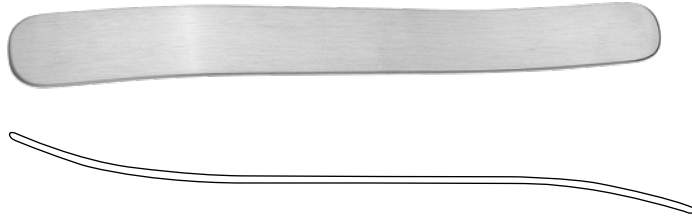
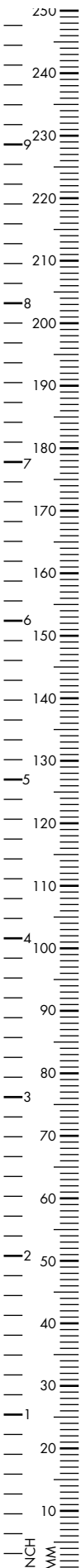
A right 250-066-626

B left 250-066-656



ORAL



**BUCHWALD**

Tongue Depressor, 23 x 18mm

180mm, 7"

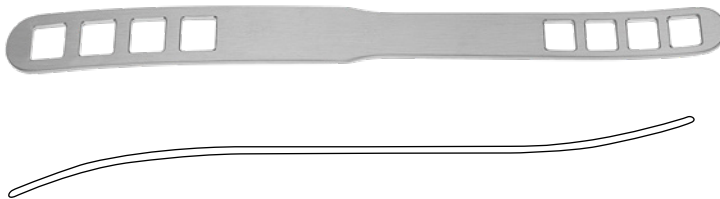
430-361-190

**MAYO**

Tongue Depressor, 23 x 19mm

170mm, 6²/₃"

430-362-170

**BRUENINGS**

Tongue Depressor

190mm, 7¹/₂"

430-385-190

**MINNESOTA**Cheek Retractor, 14mm and 20mm wide,
double-ended155mm, 6¹/₈"

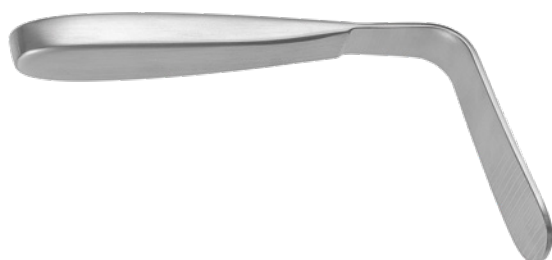
430-155-000

**MORITZ-SCHMIDT**

Tongue Depressor

190mm, 7^{1/2}"

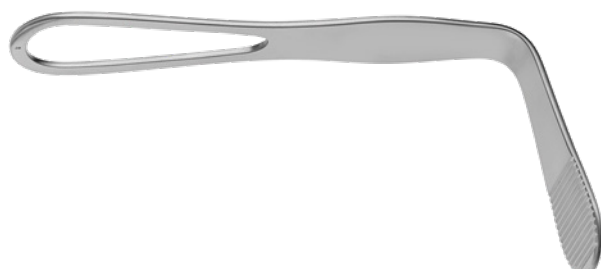
430-397-190

**TOBOLD**

Tongue Depressor

145mm, 5^{3/4}"

430-349-145

**HARTMANN**

Tongue Depressor, fenestrated handle

150mm, 6"

430-271-150

**WIEDER**

Tongue Depressor, fenestrated blade

125mm, 5"

30mm blade

430-297-140

36mm blade

430-297-150

**STIERLEN**

Tongue Depressor

55mm	430-350-005
70mm	430-350-007
90mm	430-350-009
100mm	430-350-010

**HEISTER**

Mouth Gag

130mm, 5 1/8"	430-150-130
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**DOYEN-JANSEN**

Mouth Gag, children

120mm, 5 1/8"	430-140-110
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adults

140mm, 5 1/2"	430-140-140
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**DENHARDT**

Mouth Gag, silicone inserts, interchangeable

120mm, 4 3/4"	430-142-120
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**ROSER-KOENIG**

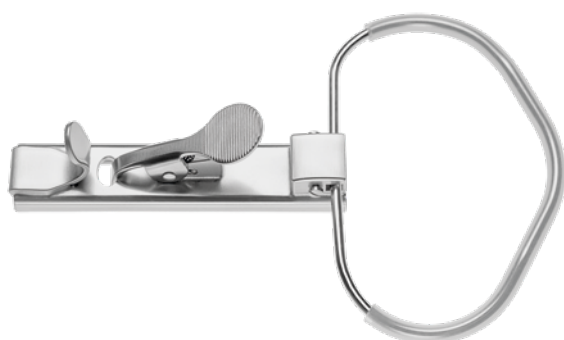
Mouth Gag

160mm, 6 1/4"	430-144-160
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**JENNINGS**

Mouth Gag

90mm, 3 1/2"	430-250-090
110mm, 4 1/3"	430-250-110
130mm, 5 1/8"	430-250-130
150mm, 6"	430-250-150

**MC IVOR**

Mouth Gag, frame only

430-256-010

**DAVIS-MEYER**

Mouth Gag, frame only

right	430-130-500
left	430-130-510



Sliding Tooth Hook

430-130-520



Palate Blade, for 430-130-500

430-130-560

**DAVIS-BOYLE**

Mouth Gag, adults

left 430-310-010

right 430-310-011



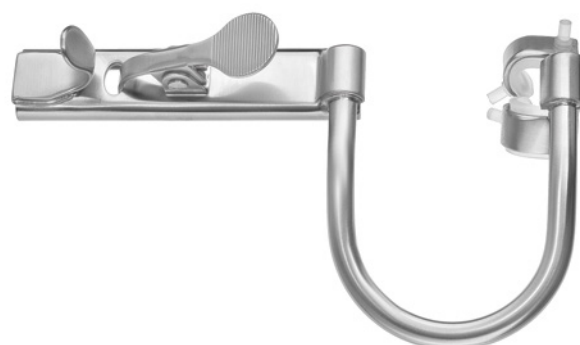
Silicone Caps for Davis-Boyle mouth gag

430-310-012

**DAVIS-BOYLE**

Mouth Gag, small pattern for adolescent

430-310-009

**DAVIS-BOYLE**

Mouth Gag, children

430-310-110

**KILNER-DOUGHTY**

Mouth Gag, left

430-315-010

**DINGMANN**

Mouth Gag, set with 3 blades

430-327-000

Mouth Gag only

430-327-004

Blades

24 x 62mm

430-327-001

28 x 65mm

430-327-002

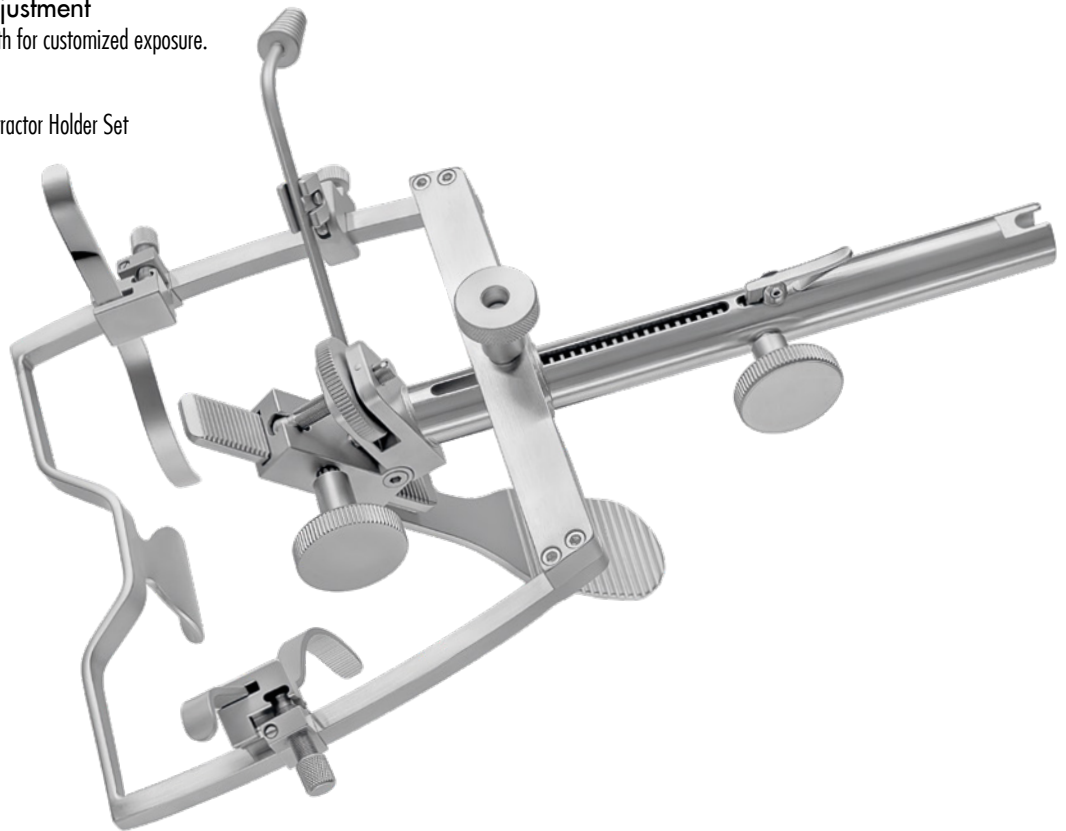
31 x 75mm

430-327-003



OSTRA LARYNGO-PHARYNGOSCOPE RETRACTOR

- **Wide range of blades**
Tongue, vallecular and laryngeal
- **Adaptable design**
Accommodates different anatomical conditions and surgical techniques
- **Open lateral frame**
Enables free movement for robotic instruments and camera, ensuring an unobstructed view
- **Independent blade adjustment**
Precise control of angle and depth for customized exposure.
- **Secure fixation**
Fully compatible with the RZ Retractor Holder Set



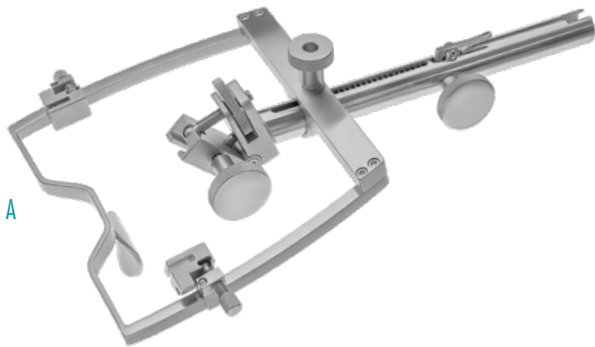
NATHANSON

Retractor Arm Set with table clamp

Table Clamp	170-801-503
single arm	170-801-501
double arm	170-801-502



- **Secure table fixation**
- **90° / 360° positioning flexibility**
- **Quick-lock attachment**



A



B



D



F



H



J



L



N



C



E



G



I



K

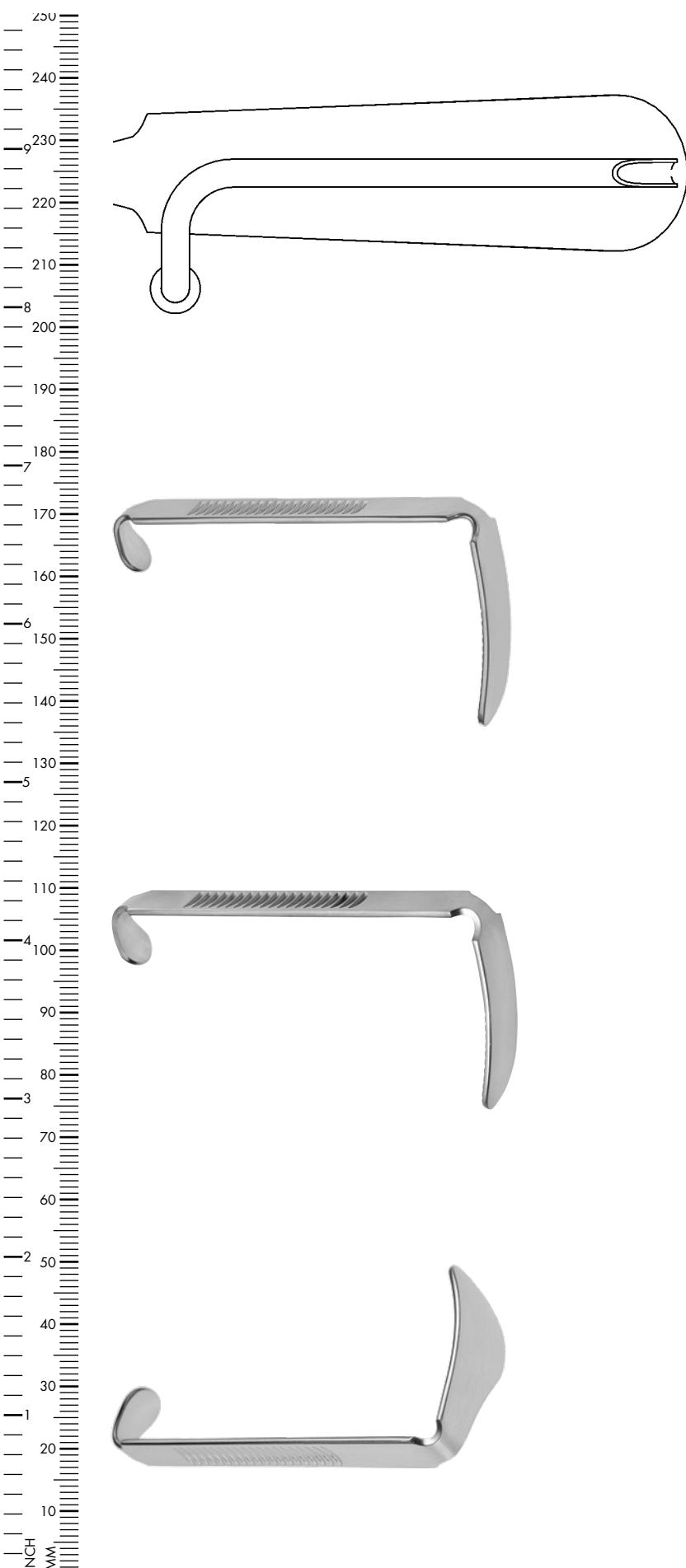


M

RZ OSTRÄLaryngo-Pharyngoscope Retractor,
complete set

430-326-000

A Basic frame
with adaptor 430-326-100B Adaptor for
Retractor Holder Set
170-801-501 430-326-002C Adaptor For Chest
Support 430-326-003D TORS blade,
small, left 430-326-004D TORS blade,
small, right 430-326-005E TORS blade,
large, left 430-326-006E TORS blade,
large, right 430-326-007F Tongue blade,
curved 430-326-008G Tongue blade,
curved, open right 430-326-009G Tongue blade,
curved, open left 430-326-010H Mandible blade,
110mm 430-326-011I Laryngeal blade,
170mm, concave 430-326-012J Diverticle blade,
concave, working
length 22 cm 430-326-013K Cheek retractor,
curved 430-326-014L Light clip, with
lateral cable connection 430-326-015M Adaptor for suction
tube or tumor grasping
forceps 430-326-016N Suction tube for
smoke, Ø4x170 mm 430-326-017

**DAVIS-BOYLE**

Tongue Blade, without anaesthesia channel

21 x 30mm	430-257-001
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with anaesthesia channel

23 x 65mm	430-257-002
24 x 80mm	430-257-003
25 x 93mm	430-257-004
26 x 108mm	430-257-005

DAVIS-BOYLE

Tongue Blade

25 x 65mm	430-310-001
25 x 75mm	430-310-002
25 x 90mm	430-310-003
25 x 102mm	430-310-004

MC IVOR

Tongue Blade

23 x 55mm	430-256-001
25 x 65mm	430-256-002
26 x 75mm	430-256-003

HERBERHOLD

Tongue Blade

Fig. 1, 29 x 61mm	430-298-001
Fig. 2, 33 x 70mm	430-298-002
Fig. 3, 38 x 79mm	430-298-003
Fig. 4, 41 x 94mm	430-298-004

**DAVIS-MEYER**

Tongue Blade, with tubing set
for anaesthesia channel

29 x 70mm	430-130-070
30 x 75mm	430-130-075
31 x 80mm	430-130-080
32 x 85mm	430-130-085
33 x 95mm	430-130-095
34 x 100mm	430-130-100
34 x 105mm	430-130-105

**KILNER-DOUGHTY**

Tongue Blade

28 x 65mm	430-315-001
23 x 75mm	430-315-002
37 x 80mm	430-315-003

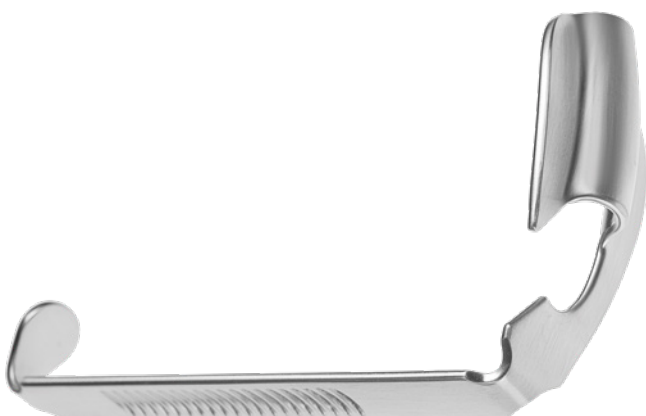
**RUSSEL-DAVIS**

Tongue Blade, with groove

28 x 65mm	430-309-001
32 x 75mm	430-309-002
37 x 80mm	430-309-003
41 x 94mm	430-309-004
46 x 103mm	430-309-005

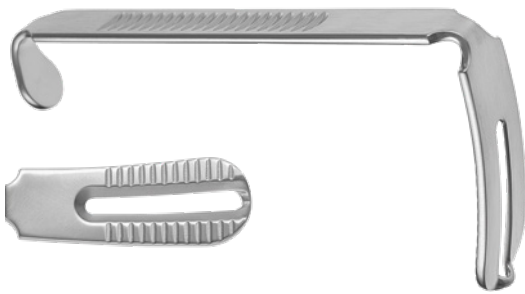
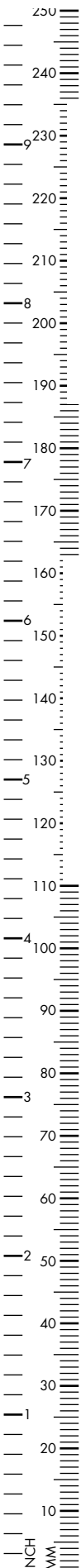
very narrow pattern

18 x 57mm	430-309-006
22 x 67mm	430-309-007
25 x 75mm	430-309-008
27 x 85mm	430-309-009



Tongue Blade, with groove

28 x 65mm	430-129-001
32 x 75mm	430-129-002
37 x 80mm	430-129-003

**DOUGHTY**

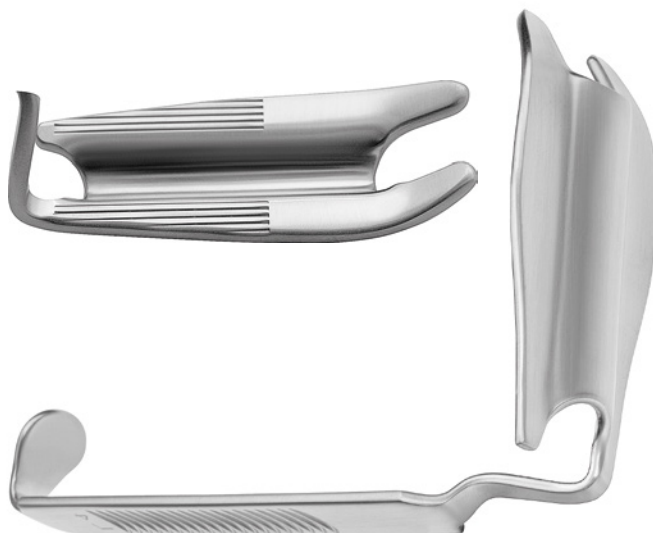
Tongue Blade, with slot

23 x 65mm	430-320-065
24 x 80mm	430-320-075
25 x 93mm	430-320-090
26 x 108mm	430-320-102
26 x 114mm	430-320-115

**WÜRZBURG**

Tongue Blade, slotted

136 x 71mm	430-325-001
136 x 77mm	430-325-002
136 x 86mm	430-325-003
136 x 96mm	430-325-004
136 x 106mm	430-325-005



Tongue Blade, left

25 x 58mm	430-000-002
27 x 72mm	430-000-003
34 x 87mm	430-000-004
37 x 95mm	430-000-005

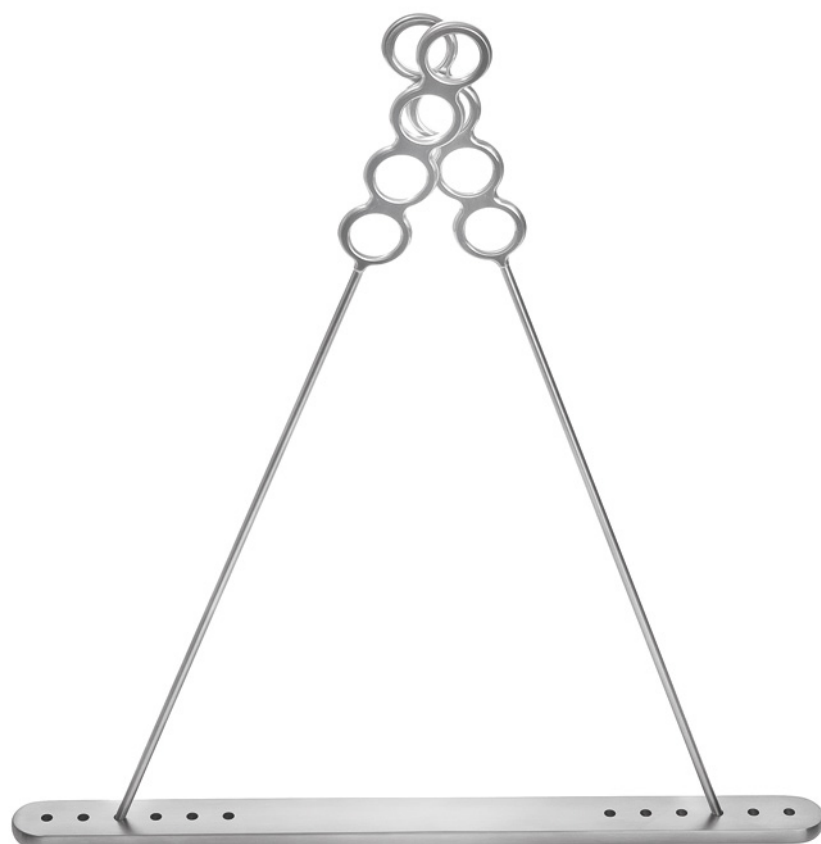
right

25 x 58mm	430-010-002
27 x 72mm	430-010-003
34 x 87mm	430-010-004
37 x 95mm	430-010-005

**NEGUS**

Chest Support

430-320-000

**DRAFFIN**Holder for mouth gag, complete:
2 bars and plate

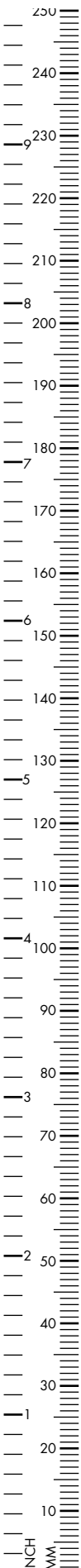
430-355-000

Bars only, pair

430-355-001

Magauran Plate

430-355-002

**SEIFERT**Salivary duct probe, silver plated, $\varnothing$ 1.0mm

180mm, 7"

410-045-180

**BOWMAN**

Lacrimal Probe, buttoned up

0000/000 400-497-008

00/0 400-497-003

0/1 400-497-001

1/2 400-497-012

2/3 400-497-023

3/4 400-497-034

4/5 400-497-045

5/6 400-497-056

6/7 400-497-067

7/8 400-497-078

**WILDER**

Dilator

Fig. 1 400-713-001

Fig. 2 400-713-002

Fig. 3 400-713-003

**PERWITZSCHKY**

Salivary Scissors

100mm, 4"

420-100-100



**PERWITZSCHKY**

Salival Scissors

100mm, 4"

420-100-100



Scalpel Handle No. 7

165mm, 6 1/2"

110-130-077



Scalpel Handle No. 3L

210mm, 8 1/4"

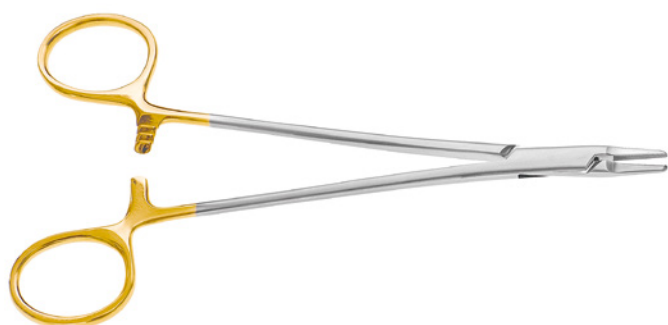
110-116-033

**FISCHER**

Tonsil Knife, serrated blade

225mm, 8 7/8"

430-656-190

**RYDER**

TC Needle Holder, 2.0mm tip, serrated jaw, straight

180mm, 7"

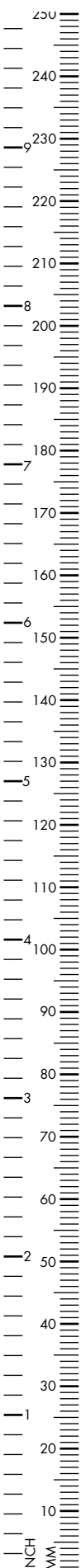
180-560-180

**DEBAKEY**

TC Needle Holder, serrated, straight

180mm, 7"

180-548-180

**NAGER**

Uvula Retractor

210mm, 8¹/₄"

430-524-210

**HOFFER**

Uvula Retractor

240mm, 9¹/₂"

430-300-230

**SCHÖNBORN**

Uvula Retractor, 13 x 6mm

210mm, 8¹/₄"

430-245-200

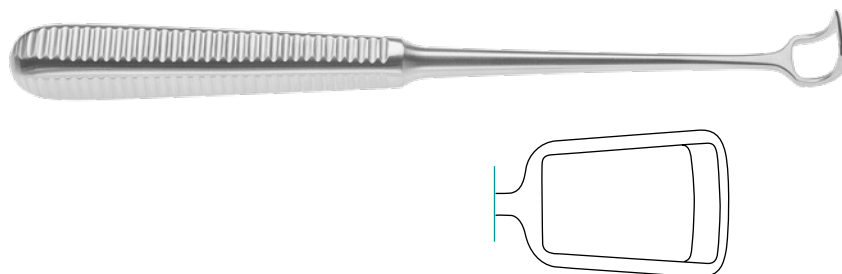
**BECKMANN**Adenoid Curette, straight, 220mm, 8²/₃"

Fig. 1, 8mm	420-220-010
Fig. 2, 10mm	420-220-020
Fig. 3, 12mm	420-220-030
Fig. 4, 14mm	420-220-040
Fig. 5, 16mm	420-220-050
Fig. 6, 18mm	420-220-060
Fig. 7, 19.5mm	420-220-070

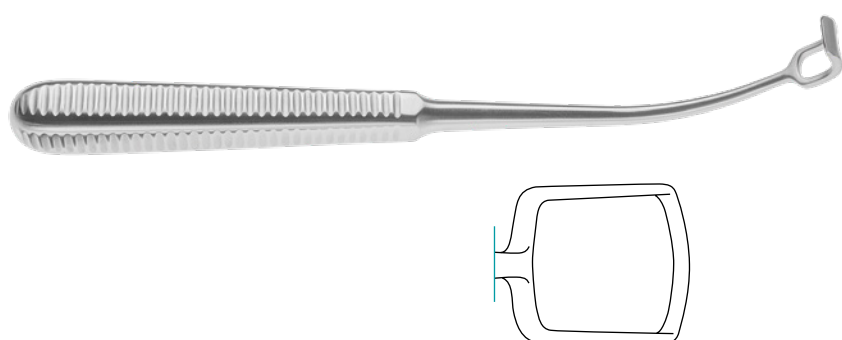
**BECKMANN**Adenoid Curette, curved, 220mm, 8²/₃"

Fig. 1, 8mm	420-221-010
Fig. 2, 10mm	420-221-020
Fig. 3, 12mm	420-221-030
Fig. 4, 14mm	420-221-040
Fig. 5, 16mm	420-221-050
Fig. 6, 18mm	420-221-060
Fig. 7, 19.5mm	420-221-070

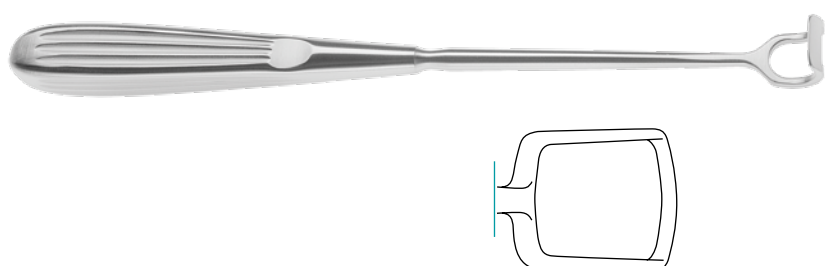
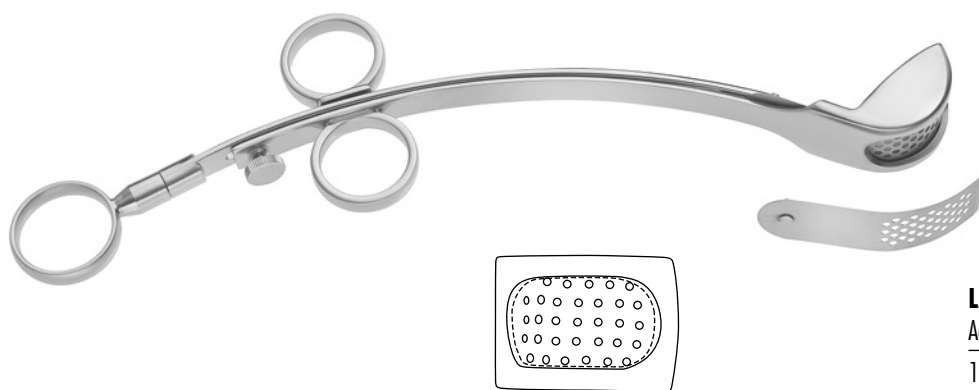
**BARNHILL**Adenoid Curette, 220mm, 8²/₃"

Fig. 0	420-222-000
Fig. 1	420-222-001
Fig. 2	420-222-002
Fig. 3	420-222-003
Fig. 4	420-222-004

**LA FORCE**

Adenotome, 230mm, 9"

12mm	420-226-001
16mm	420-226-002
18mm	420-226-003

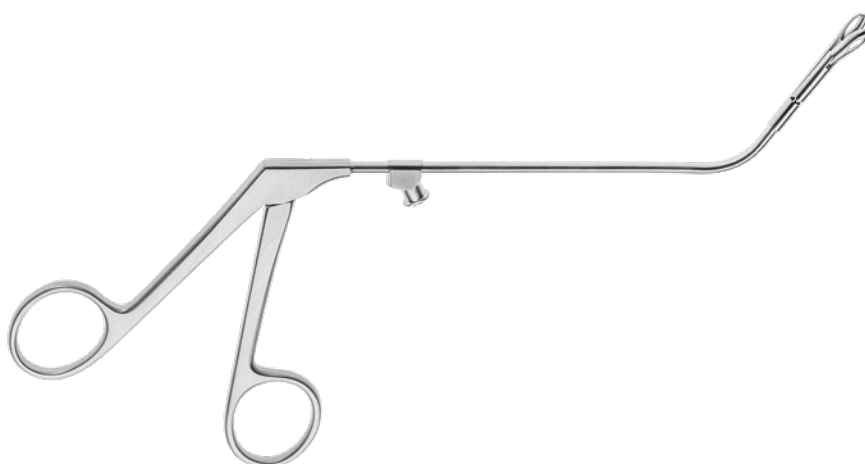
Spare Blades

for 420-226-001	420-226-101
for 420-226-002	420-226-102
for 420-226-003	420-226-103

**SHAMBOUGH**

Adenotome

Fig. 1, 13mm	420-228-000
Fig. 2, 16mm	420-228-000
Fig. 3, 19mm	420-229-100

**JATHO**

Nasopharynx Forceps

240mm, 9 1/2"	420-395-240
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**JURASZ**

Adenoid Cutting Forceps, children

190mm, 7¹/₂"

420-396-190

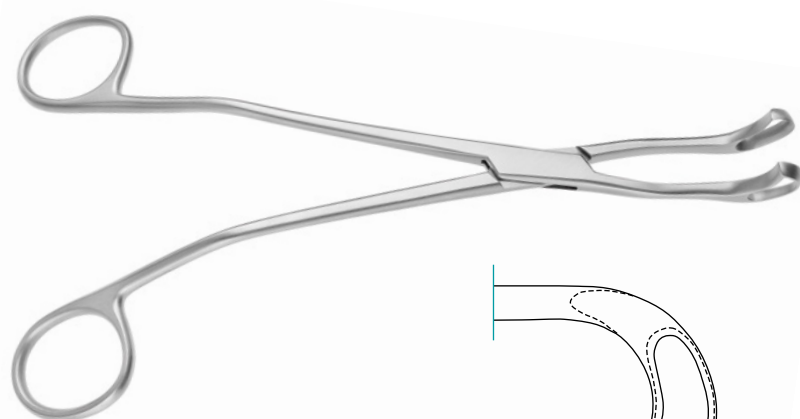
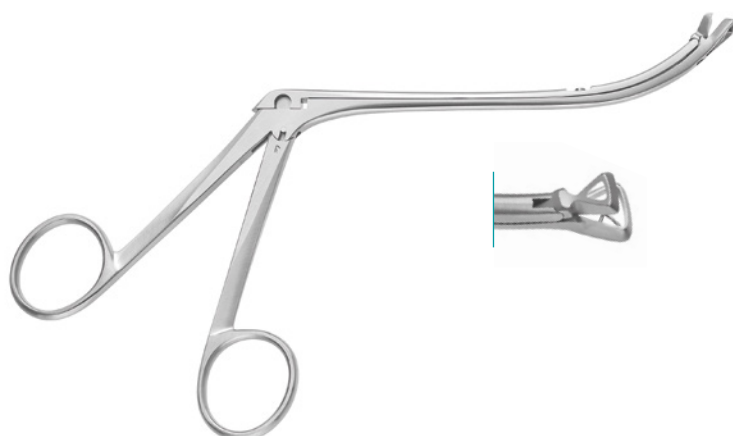
**JURASZ**Adenoid Cutting Forceps, 210mm, 8¹/₄"

Fig. 1

420-397-210

Fig. 2

420-398-210

**RONIS**

Adenoid Forceps, through cutting, upcurved shaft, triangular bite, 130mm working length

Fig. 0, 6mm

420-391-000

Fig. 1, 7mm

420-391-001

Fig. 2, 8mm

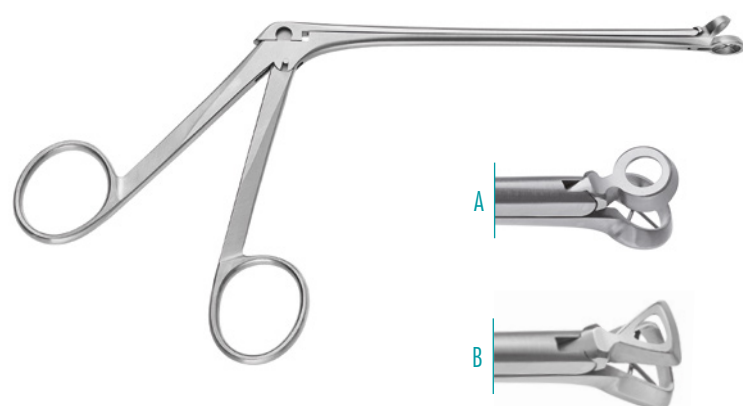
420-391-002

**KING**

Adenoid Forceps, through cutting, downcurved shaft, triangular bite, 130mm working length

Fig. 1, 7mm

420-391-115

**MELZER**

A Adenoid Forceps, through cutting, round, 140mm, 5 1/2"

Fig. 1, 7mm

420-401-001

Fig. 2, 8mm

420-401-002

B through cutting, triangular

Fig. 0, 6mm

420-401-100

Fig. 1, 7mm

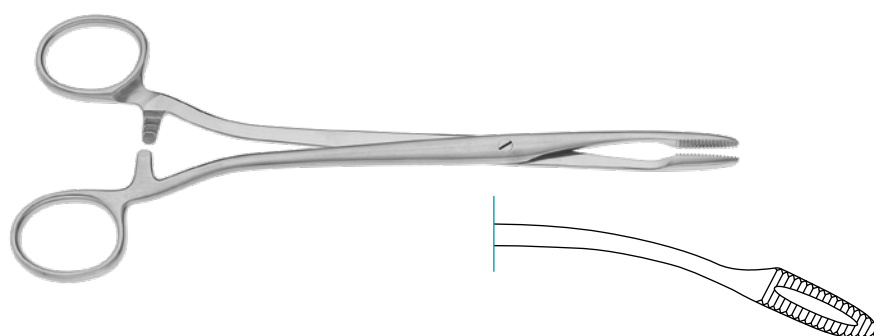
420-401-101

Fig. 2, 8mm

420-401-102

Fig. 3, 10mm

420-401-103

**DUPLAY**

Dressing Forceps, 200mm, 8"

straight

150-130-200

curved

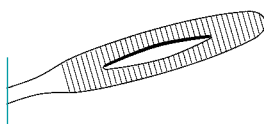
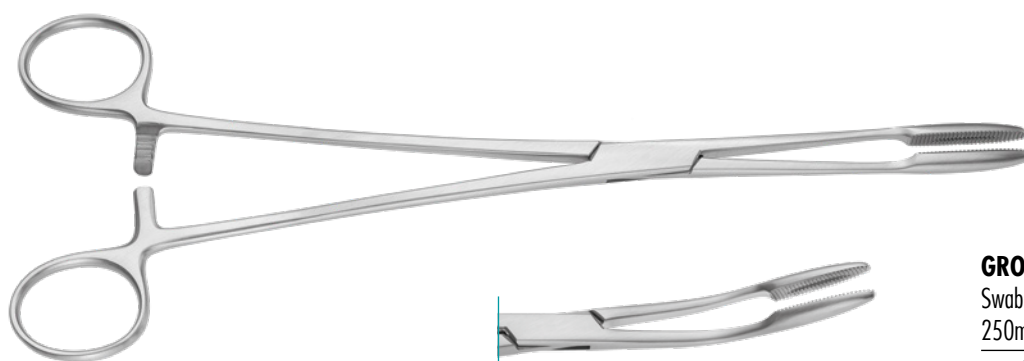
150-131-200

**DUPLAY**

Nasopharyngeal Sponge Holding Forceps,
s-shaped

190mm, 7¹/₂"

420-398-190

**GROSS MAIER**

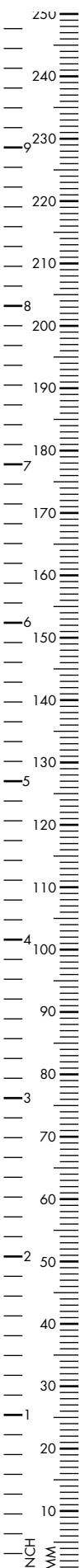
Swab Forceps, serrated, straight,
250mm, 9⁷/₈"

straight

150-030-250

curved

150-031-250



Dressing Forceps, serrated

200mm, 8"

130-010-200



Standard Dressing Forceps, delicate, straight

200mm, 8"

130-014-200



Tissue Forceps, 1x2 teeth

200mm, 8"

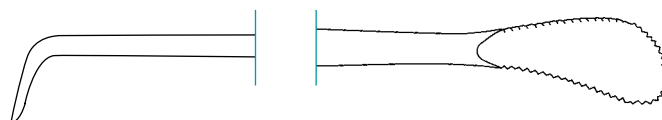
130-110-200



Tissue Forceps, 1x2 teeth, delicate

200mm, 8"

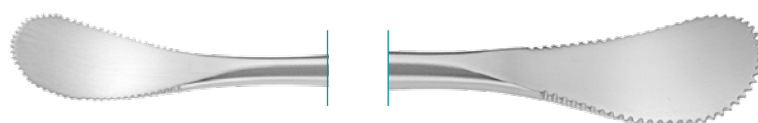
130-120-200

**HENKE**

Tonsil Dissector / Pillar Retractor,
235mm, 9¹/₄"

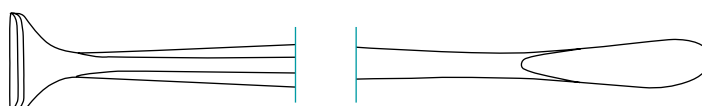
12mm	430-600-230
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17mm	430-601-230
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**HENKE**

Tonsil Dissector, double-ended
12mm / 18mm

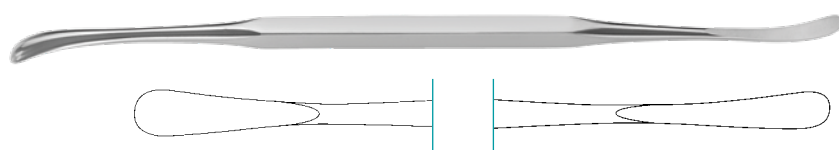
230mm, 9"	430-602-230
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**HURD**

Tonsil Dissector / Pillar Retractor,
215mm, 8¹/₂"

7.5mm	430-600-215
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10mm	430-601-220
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**ALDERDICE**

Tonsil Dissector

220mm, 8²/₃"

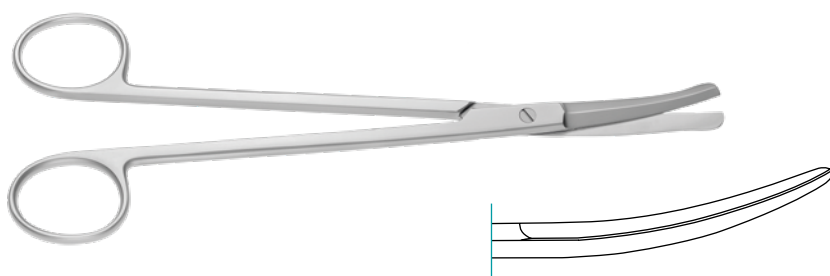
430-510-220

**LOPEZ-REINKE**

Tonsil Suction Dissector

235mm, 9¹/₄"

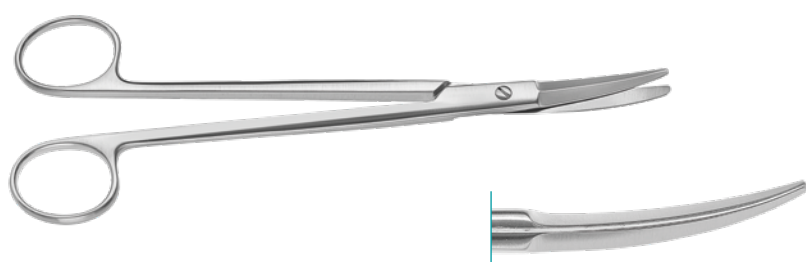
430-670-235

**GOOD**

Tonsil Scissors

190mm, 7¹/₂"

120-217-190

**PRINCE**

Tonsil Scissors

175mm, 6⁷/₈"

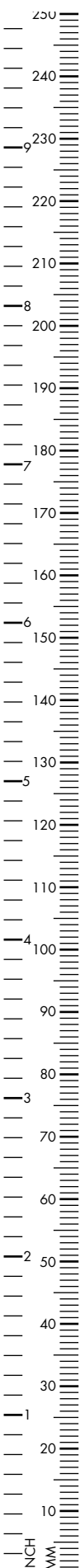
120-213-175

**BOETTCHER**

Tonsil Scissors, sharp

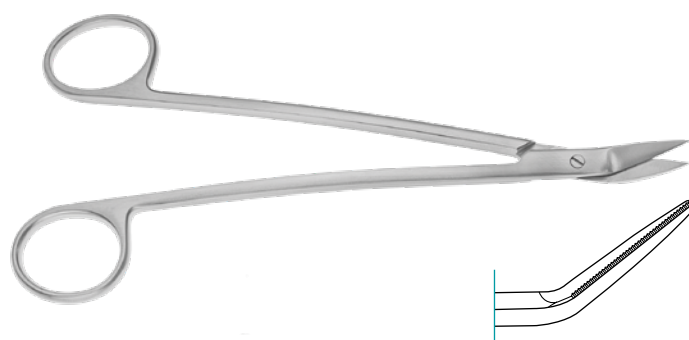
180mm, 7"

120-207-180

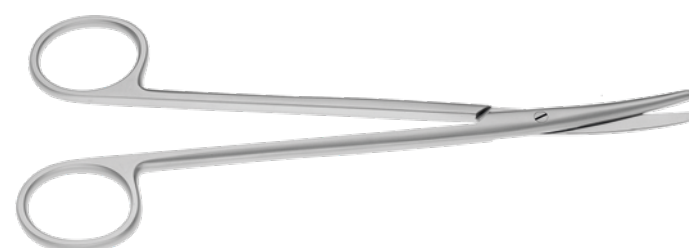
**BOETTCHER**

Tonsill Scissors, curved, 180mm, 7"

120-209-180

**DEAN**Tonsil Scissors, angled upwards,
serrated blades170mm, 6²/₃"

120-213-170

**METZENBAUM NELSON**

blunt, curved

180mm, 7" 120-111-180

200mm, 8" 120-111-200

230mm, 9" 120-111-230

Supercut

180mm, 7" 121-111-180

200mm, 8" 121-111-200

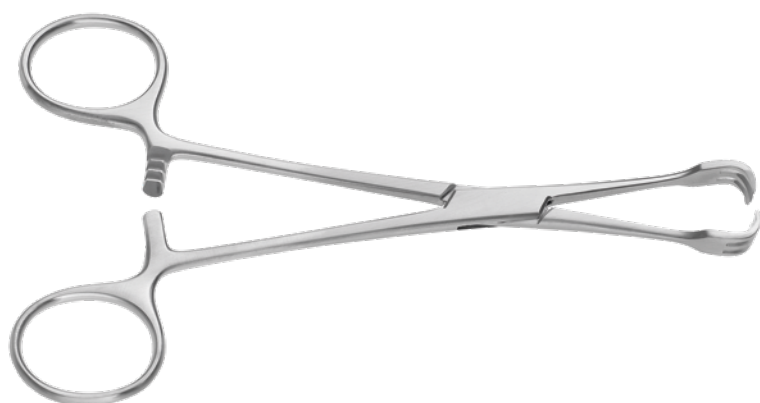
230mm, 9" 121-111-230

**TIVNEN-TYDING**

Tonsil Seizing Forceps, 3x3 teeth, 1 open ring

210mm, 8^{1/4}"

430-631-002

**LAHEY**

Goitre Seizing Forceps

200mm, 8"

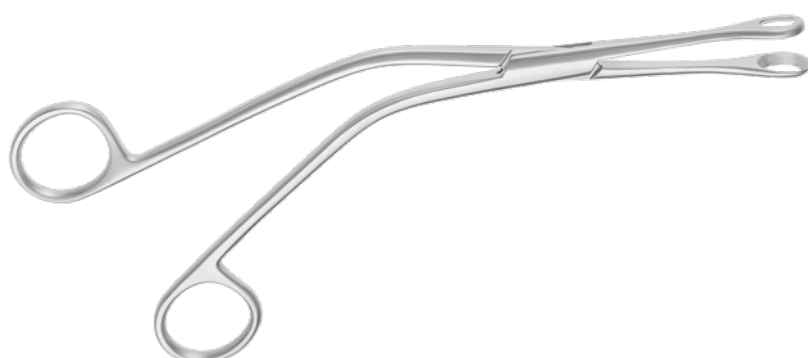
440-030-200

**MUSEUX**

Tonsil Holding Forceps, 2x2 teeth

200mm, 8"

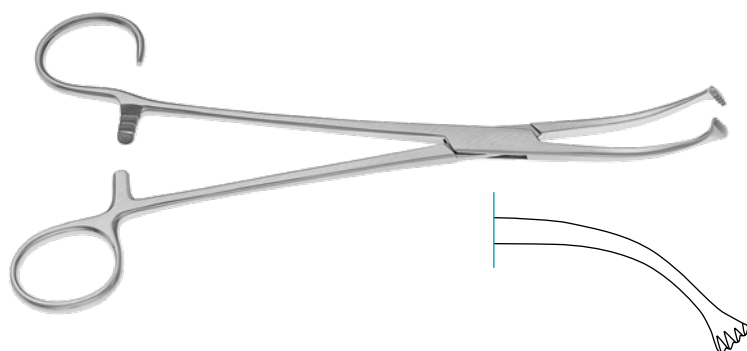
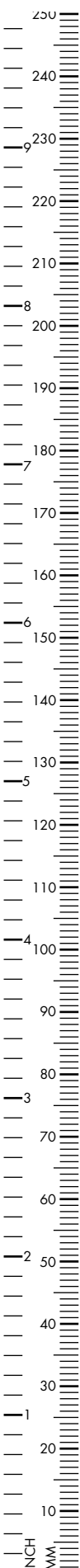
140-602-200

**DENIS-BROWNE**

Tonsil Holding Forceps, 10mm

200mm, 8"

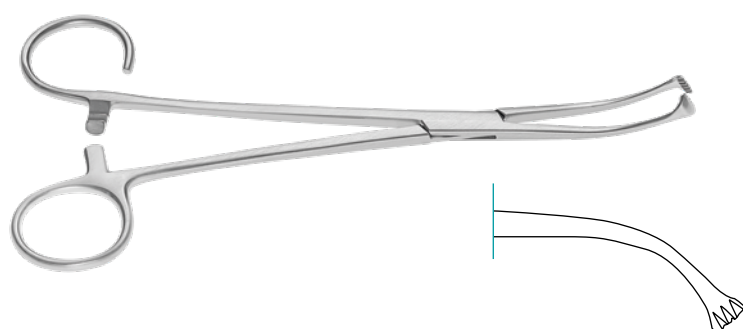
420-427-200

**COLVER**

Tonsil Seizing Forceps, curved

190mm, 7¹/₂"

140-626-190

**WHITE**

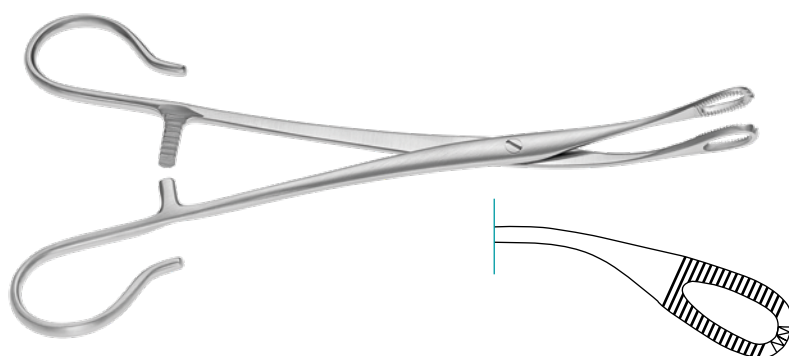
Tonsil Holding Forceps

180mm, 7"

140-620-180

235mm, 9¹/₄"

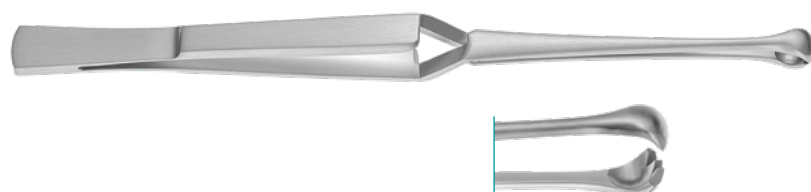
140-620-235

**BLOHMKE**

Tonsil Holding Forceps

200mm, 8"

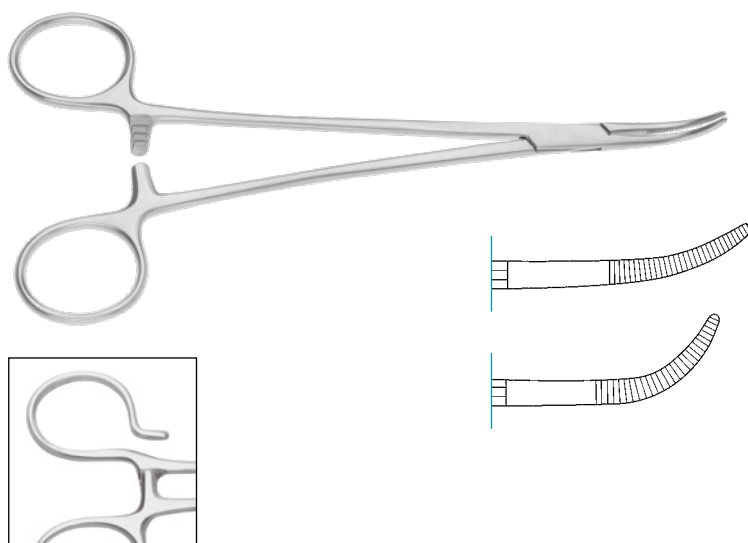
140-625-200

**MARSCHIK**

Tonsil Grasping Forceps

220mm, 8²/₃"

430-620-220

**SCHNIDT SAWTELL**

Tonsil Seizing Forceps, slightly curved

190mm, 7^{1/2}" 140-628-190

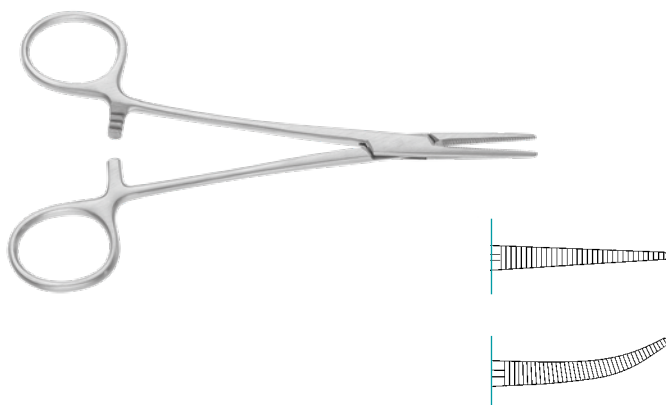
strongly curved

190mm, 7^{1/2}" 140-629-190

slightly curved, with one open ring

190mm, 7^{1/2}" 140-630-190

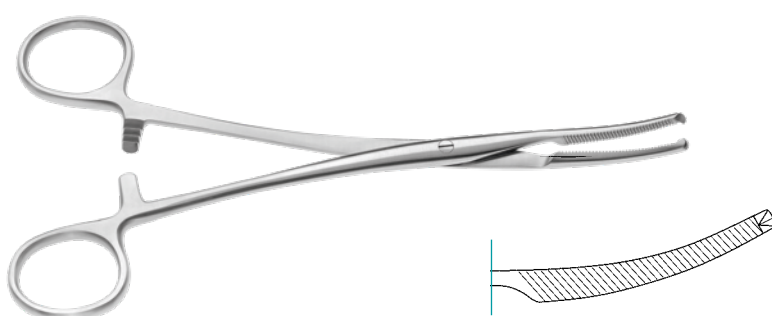
strongly curved, with one open ring

190mm, 7^{1/2}" 140-631-190**HALSTEAD MOSQUITO**

Hemostatic Forceps, serrated, 180mm, 7"

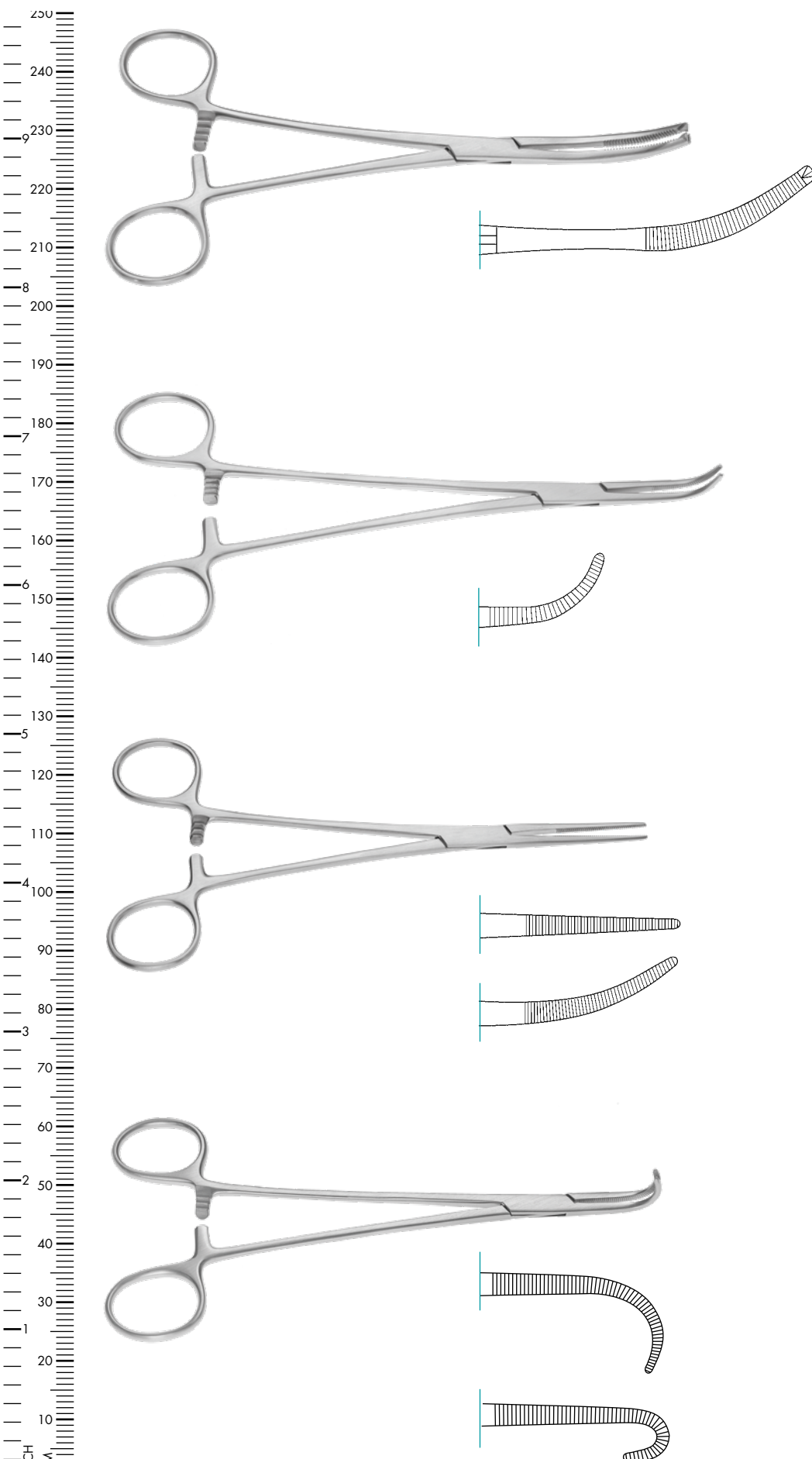
straight 140-254-180

curved 140-255-180

**MIKULICZ**

Peritoneal Forceps, curved, 1x2 teeth

180mm, 7" 140-548-180

**MIKULICZ**

Peritoneal Forceps, strongly curved, 1x2 teeth

200mm, 8"

140-549-200

OVERHOLTDissecting and Ligature Forceps,
fully serrated, curvedFig. 0, 195mm, 7^{3/4}"

140-443-001

BIRKETTHemostatic Forceps, serrated, 185mm, 7^{1/4}"

straight

140-368-185

curved

140-369-185

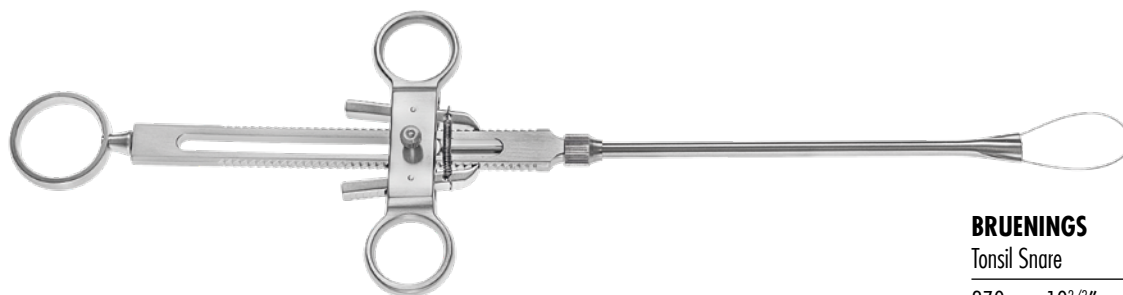
NEGUSTonsil Artery Forceps, serrated, 190mm, 7^{1/2}"

slightly curved

140-625-190

strongly curved

140-627-190

**BRUENINGS**

Tonsil Snare

270mm, 10²/₃"

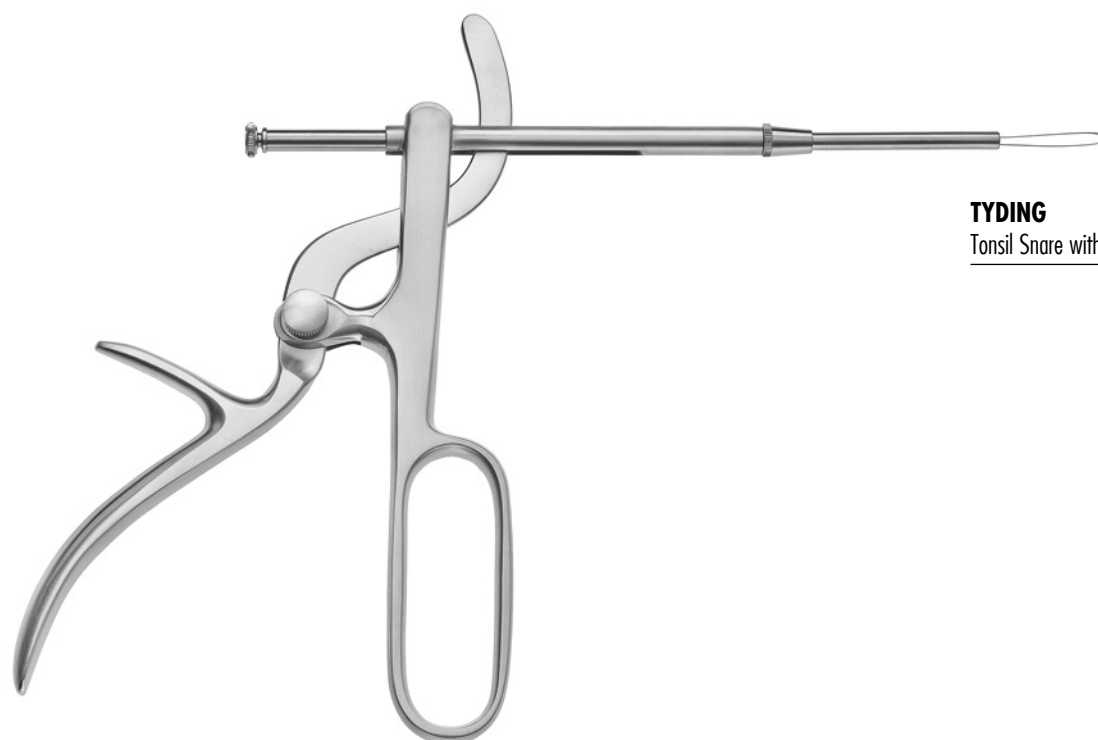
430-605-270

**EVES**

Tonsil Snare with ratchet

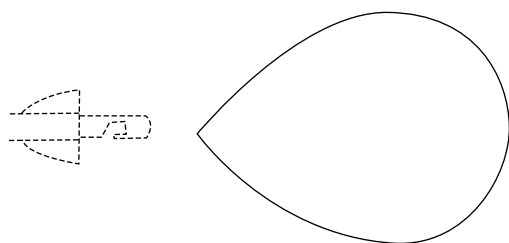
285mm, 11¹/₄"

430-604-280

**TYDING**

Tonsil Snare with detachable straight tip

430-620-000



Wire Loop, package of 100 pieces

Ø 0.4mm x 40mm 430-606-040

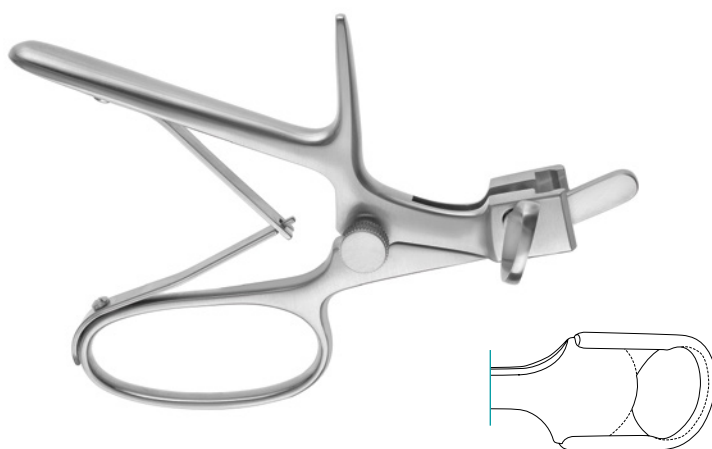
Ø 0.4mm x 50mm 430-607-040



Wire Cutting Scissors, serrated,
120mm, 4^{3/4}"

120-265-120

TC 120-565-120



SLUDER-BALLENGER

Tonsillotome Handle for blades
430-650-001 - 430-650-003

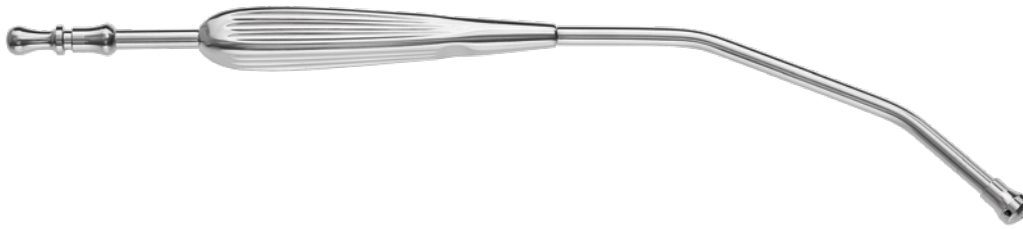
430-650-100

Blades

Fig. 1 430-650-001

Fig. 2 430-650-002

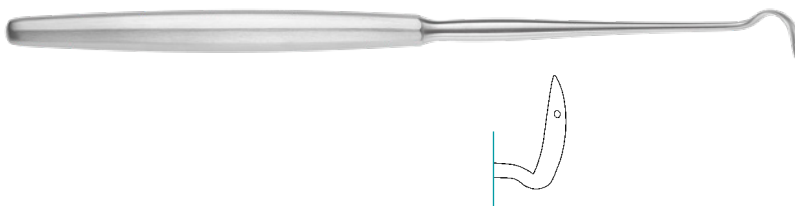
Fig. 3 430-650-003

**YANKAUER**

Suction Tube

270mm, 10⁷/₈"

165-543-270

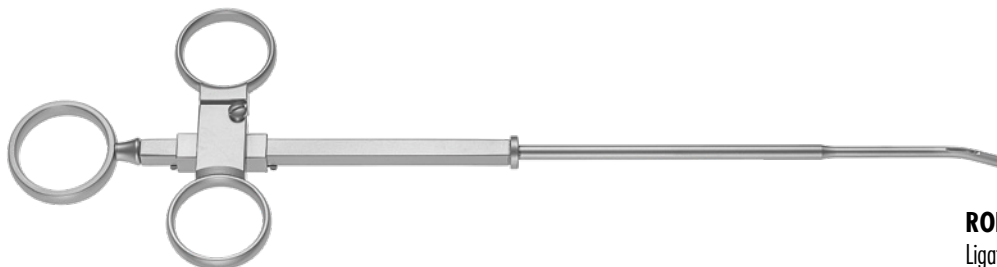
**HURD**Ligature Needle, 210mm, 8¹/₄"

right

180-719-210

left

180-718-210

**ROEDER**

Ligature Instrument

260mm, 10¹/₄"

430-500-260

**NEGUS**

Knot Tier

205mm, 8¹/₈"

430-505-205

**LUNIATSCHEK**

Gauze Packer, 2mm

190mm, 7¹/₂"

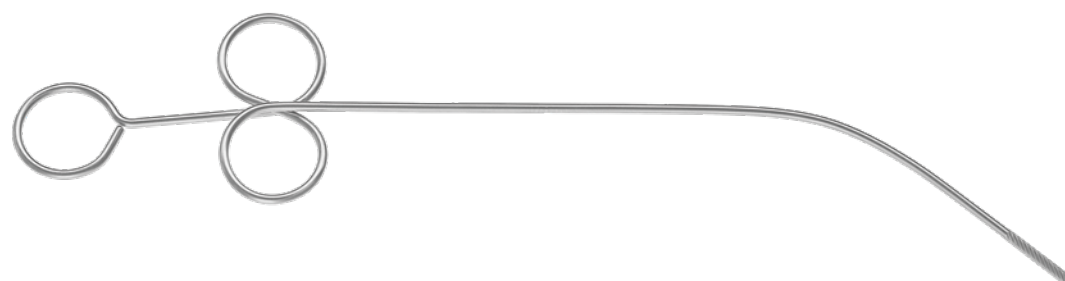
430-602-175

**HARTMANN**

Postnasal Applicator, spiral end, Ø 2.3mm

220mm, 8²/₃"

160-481-200

**FEIN**

Postnasal Applicator

280mm, 11"

160-495-280



Laryngeal Mirror, hexagonal handle,
180mm, 7"

Ø 6mm, Fig. 000	230-330-006
Ø 8mm, Fig. 00	230-330-008
Ø 10mm, Fig. 0	230-330-010
Ø 12mm, Fig. 1	230-330-012
Ø 14mm, Fig. 2	230-330-014
Ø 16mm, Fig. 3	230-330-016
Ø 18mm, Fig. 4	230-330-018
Ø 20mm, Fig. 5	230-330-020
Ø 22mm, Fig. 6	230-330-022
Ø 24mm, Fig. 7	230-330-024
Ø 26mm, Fig. 8	230-330-026
Ø 28mm, Fig. 9	230-330-028
Ø 30mm, Fig. 10	230-330-030



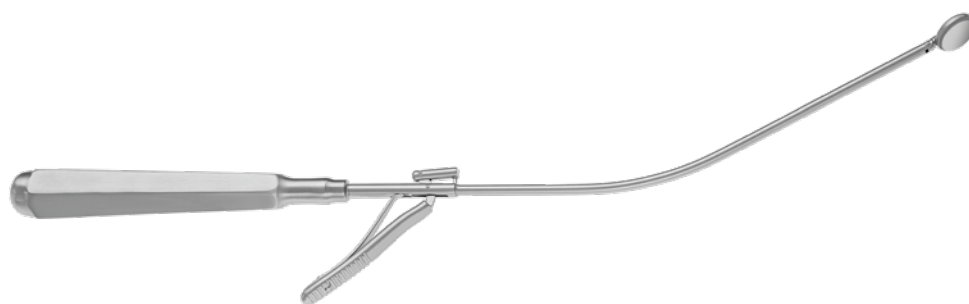
Laryngeal mirror, insert only,
120mm, 4^{3/4}"

Ø 6mm, Fig. 000	230-329-006
Ø 8mm, Fig. 00	230-329-008
Ø 10mm, Fig. 0	230-329-010
Ø 12mm, Fig. 1	230-329-012
Ø 14mm, Fig. 2	230-329-014
Ø 16mm, Fig. 3	230-329-016
Ø 18mm, Fig. 4	230-329-018
Ø 20mm, Fig. 5	230-329-020
Ø 22mm, Fig. 6	230-329-022
Ø 24mm, Fig. 7	230-329-024
Ø 26mm, Fig. 8	230-329-026
Ø 28mm, Fig. 9	230-329-028
Ø 30mm, Fig. 10	230-329-030



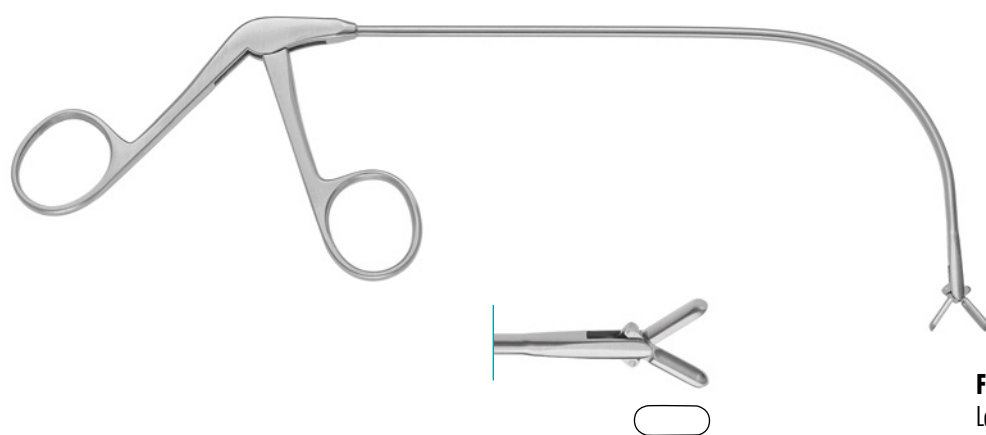
Mirror Handle with set screw

110mm, 4 ^{1/3} "	230-331-110
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**MICHEL**

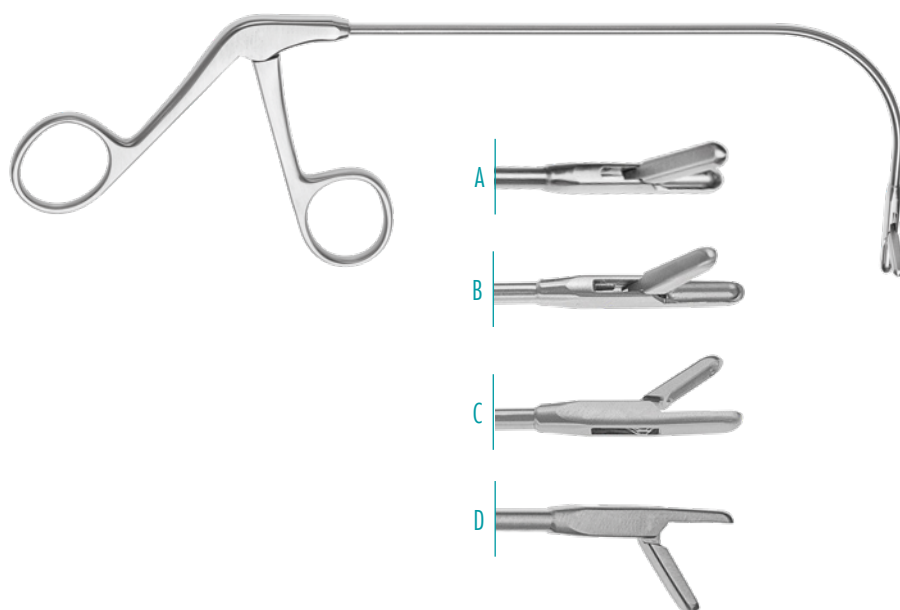
Rhinoscopic mirror with interchangeable mirror inserts, 250mm, 9⁷/₈"

Ø 12mm	430-788-012
Ø 14mm	430-788-014
Ø 16mm	430-788-016
Ø 18mm	430-788-018

**FRAENKEL**

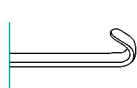
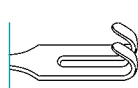
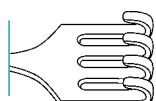
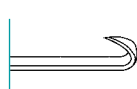
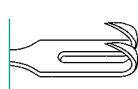
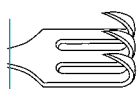
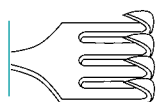
Laryngeal Forceps, double action, longitudinal oval jaws

170mm, 6 ² / ₃ "	430-813-050
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**JURASZ**

Laryngeal Polypus Forceps, 220mm, 8²/₃"

A opening to right	430-813-010
B opening to left	430-813-020
C opening downwards	430-813-030
D opening upwards	430-813-040

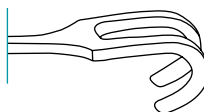
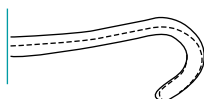
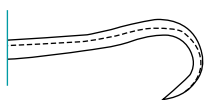


Hand Held Retractor, 160mm, 6¹/₄",
sharp

1 prong	170-074-161
2 prongs	170-074-162
3 prongs	170-074-163
4 prongs	170-074-164

blunt

1 prong	170-075-161
2 prongs	170-075-162
3 prongs	170-075-163
4 prongs	170-075-164



Tracheal Hook, 160mm, 6¹/₄"

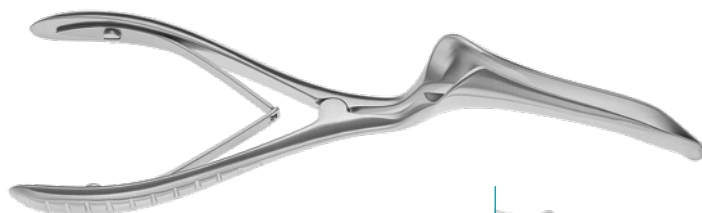
sharp	170-005-001
blunt	170-005-002
2 prongs, blunt	170-005-003



LABORDE

Tracheal Dilator

140mm, 5 ¹ / ₂ "	440-130-140
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**WEERDA**

Tracheal Speculum

190mm, 7 1/2"

440-100-190

**TROUSSEAU**

Tracheal Dilator

120mm, 4 3/4"

440-120-120

140mm, 5 1/2"

440-120-140

**KOCHER**

Goitre Director with hole

160mm, 6 1/4"

440-221-160

LARYNGOSCOPY





Naso-Pharyngo-Laryngoscope, flexible,
300mm working length

Ø 2.2mm	100-500-220
Ø 2.8mm	100-500-280
Ø 3.2mm	100-500-320
Ø 3.4mm	100-500-340



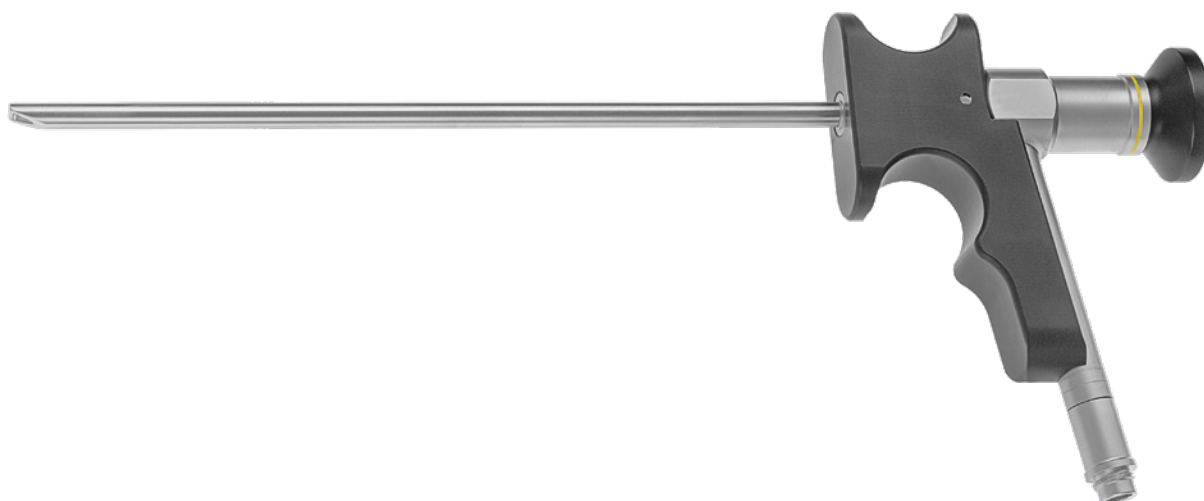
Naso-Pharyngo-Laryngoscope, flexible,
300mm working length,
with working channel

Ø 2.8mm	100-500-285
Ø 1.2mm working channel	
Ø 3.8mm	100-500-385
Ø 1.4mm working channel	



Laryngoscope, Ø 10mm, 90°
160mm working length

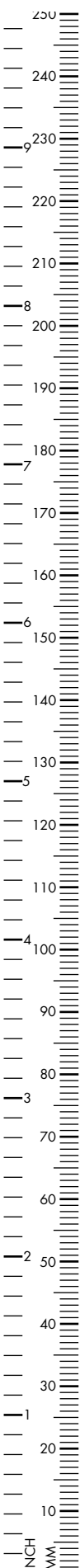
270mm, 10²/₃" 100-800-090



Laryngoscope with handle,
70° angle of view, 190mm, 7¹/₂"

Ø 5mm 100-805-070

Ø 6mm 100-806-070

**LEWY**

Chest Support, for Operating Laryngoscopes

340mm, 13¹/₂" 100-500-102Laryngoscope Handle, detachable,
for LEWY Chest Support
and Operating Laryngoscopes

100-512-000

Chest Support, complete,
for Operating Laryngoscopes

Ø95mm / Adult 100-500-100

Ø95mm / Children 100-500-101



Support Rod, with ring

340mm, 13¹/₂" 100-500-113240mm, 9¹/₂" 100-500-111

Joint for Chest Support

100-500-110



Supporting Table for Chest Support,
complete set

100-500-150



Chest Support, complete,
for Operating Laryngoscopes

Ø90mm 100-500-200

Support Rod

340mm, 13^{1/2}" 100-500-210



Chest Support, complete,
for Operating Laryngoscopes

Ø120mm 100-500-400

Support Rod

340mm, 13^{1/2}" 100-500-410

Joint for Chest Support

100-500-420

**HOLINGER**

Laryngoscope, complete with light carrier

small, Newborn, 90mm, 3 ¹ / ₂ "	100-510-000
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small, Babies, 120mm, 4 ³ / ₄ "	100-510-001
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large, Children, 170mm, 6 ² / ₃ "	100-510-002
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large, Adult, 180mm, 7"	100-510-003
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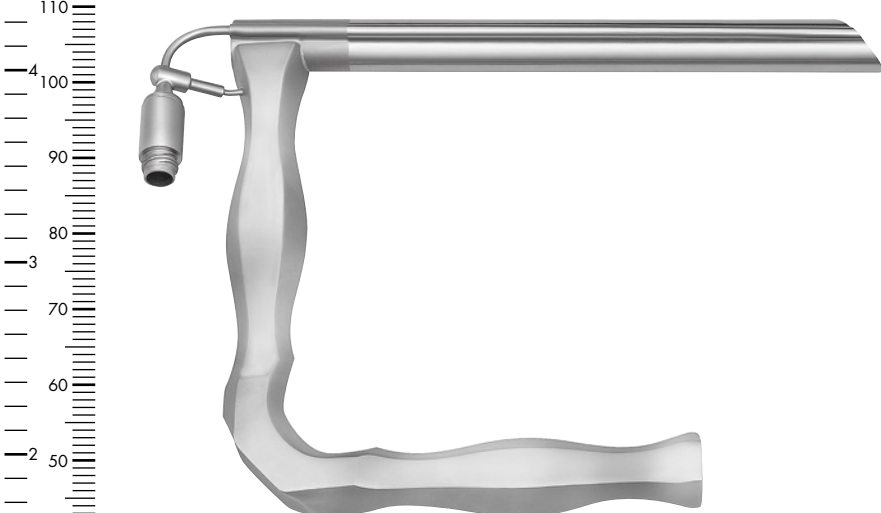
spare light carrier

Newborn	100-510-100
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Babies	100-510-101
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Children	100-510-102
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Adult	100-510-103
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**JACKSON**

Laryngoscope, complete with light carrier

small, Newborn, 90mm, 3 ¹ / ₂ "	100-505-000
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small, Babies, 125mm, 8"	100-505-001
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large, Children, 170mm, 6 ² / ₃ "	100-505-002
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large, Adult, 180mm, 7"	100-505-003
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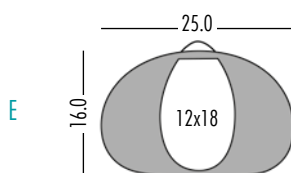
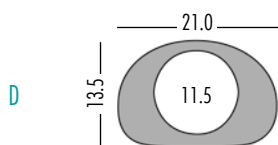
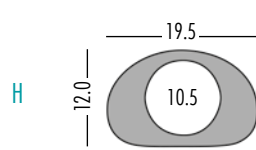
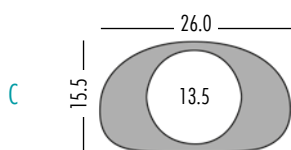
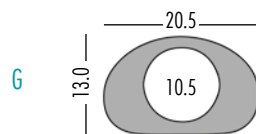
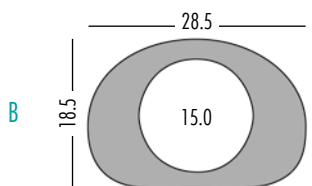
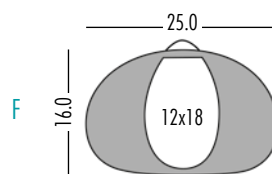
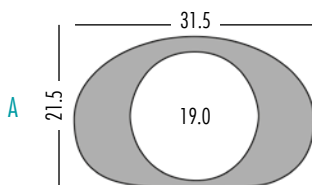
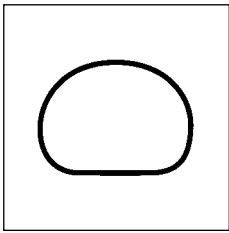
spare light carrier

Newborn	100-505-100
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Babies	100-505-101
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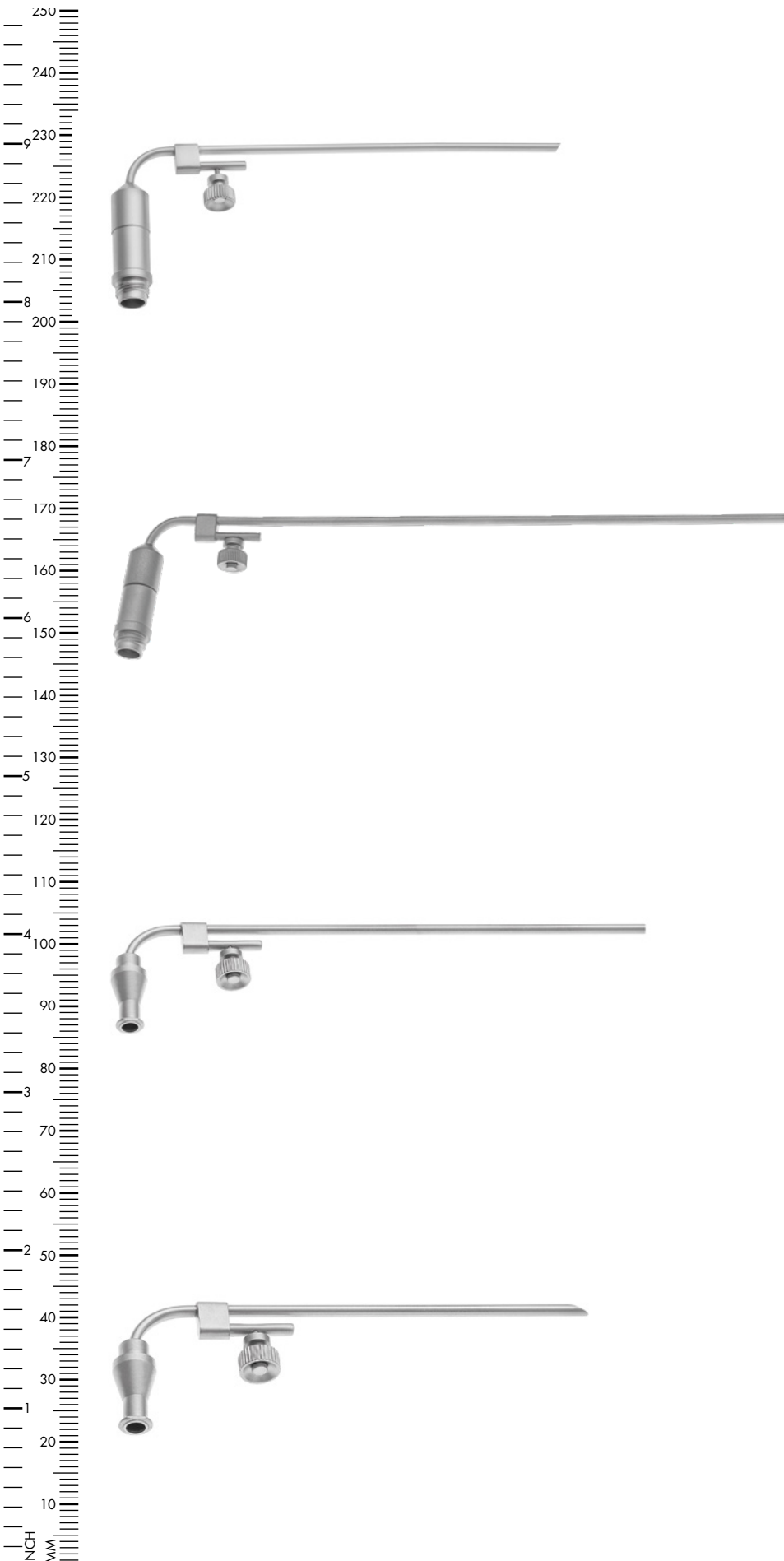
Children	100-505-102
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Adult	100-505-103
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**KLEINSASSER**

Operation Laryngoscope

A extra large, Adults, 170mm, 6 ² / ₃ "	100-500-008
B extra large, Adults, 170mm, 6 ² / ₃ "	100-500-005
C medium, Adults, 170mm, 6 ² / ₃ "	100-500-004
D small, Adults, 180mm, 7"	100-500-003
E medium, anterior Adults, 170mm, 6 ² / ₃ "	100-500-006
F medium, long neck, Adults 220mm, 8 ² / ₃ "	100-500-007
G small, Children, 150mm, 6"	100-500-002
H small, Infants, 130mm, 5"	100-500-001



Fiber Optic Light Carrier
for
100-500-001/100-500-002
100-500-201/100-500-202

75mm, 3" 100-500-019

for
100-500-003 - 100-500-008
100-500-203 - 100-500-208

140mm, 5 1/2" 100-500-020

Fiber Optic Light Carrier, large
for
100-500-007 & 100-500-207

100-500-021

Suction Tube, Ø 3mm
for
100-500-001/100-500-002

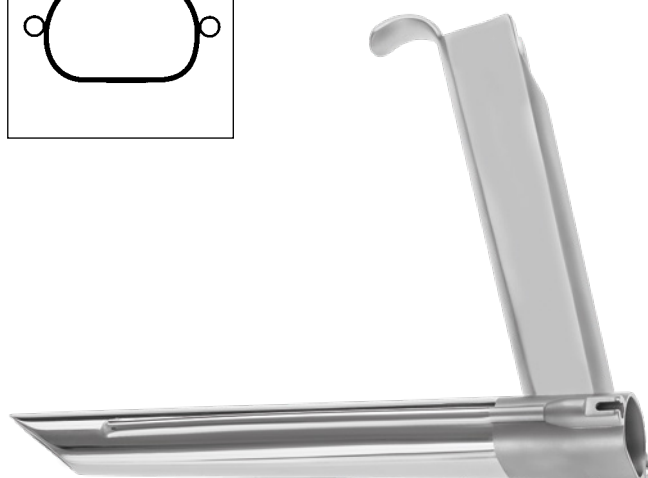
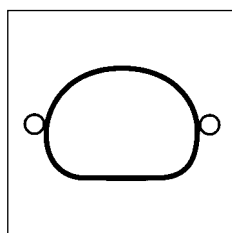
90mm, 3 1/2" 100-500-080

for
100-500-003/100-500-008

125mm, 5" 100-500-075

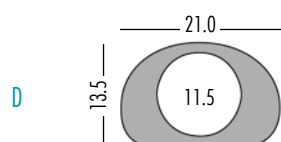
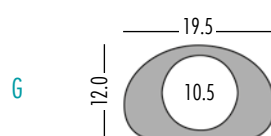
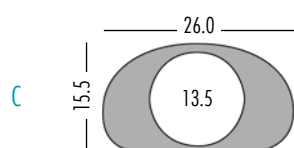
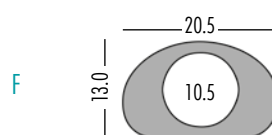
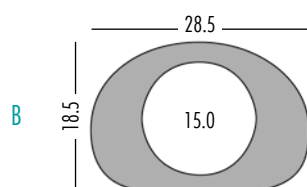
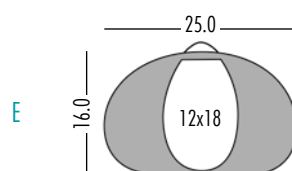
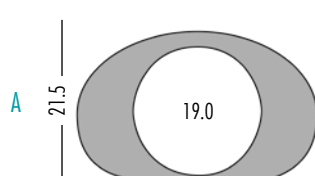
Injection Cannula
for
100-500-001 - 100-500-008
100-500-201 - 100-500-208

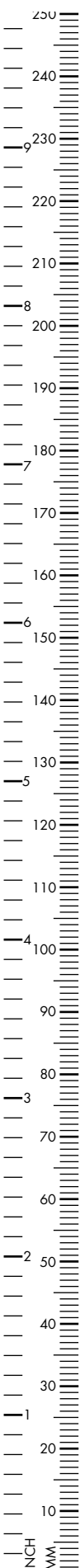
85mm, 3 1/4" 100-500-050

**KLEINSASSER-LASER**

Operation Laryngoscope

A extra large, Adults, 170mm, 6 ² / ₃ "	100-500-537
B extra large, Adults, 170mm, 6 ² / ₃ "	100-500-536
C medium, Adults, 170mm, 6 ² / ₃ "	100-500-535
D small, Adults, 180mm, 7"	100-500-534
E medium, anterior Adults, 170mm, 6 ² / ₃ "	100-500-533
F small, Children, 150mm, 6"	100-500-532
G small, Infants, 130mm, 5"	100-500-531





Fiber Optic Light Carrier
for
100-500-562 / 100-500-564
120mm, 4^{3/4}"

100-500-538



Fiber Optic Light Carrier
for
100-500-532

140mm, 5^{1/2}"

100-500-539

for
100-500-533 - 100-500-537

140mm, 5^{1/2}"

100-500-540



Suction Tube
for
100-500-531

120mm, 4^{3/4}"

100-500-541

for
100-500-532

140mm, 5^{1/2}"

100-500-532

for
100-500-533 - 100-500-537

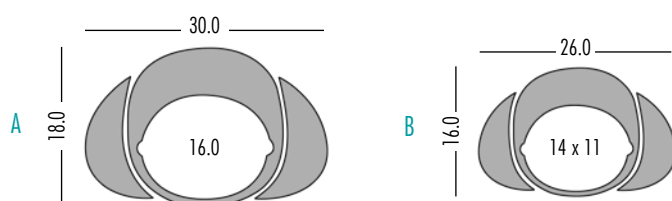
160mm, 6^{1/4}"

100-500-543

**KLEINSASSER, B-L.**

Operation Laryngoscope

A Children	100-500-552
115mm, 4 ¹ / ₂ "	
B Infants	100-500-551
95mm, 3 ³ / ₄ "	



Fiber Optic Light Carrier
for
100-500-563

65mm, 2 ¹ / ₂ "	100-500-556
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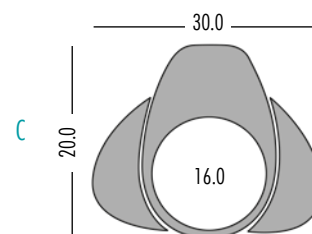
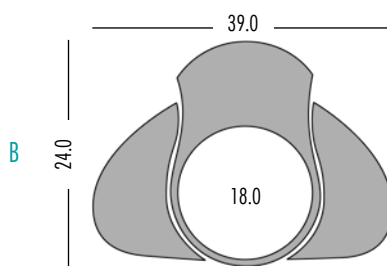
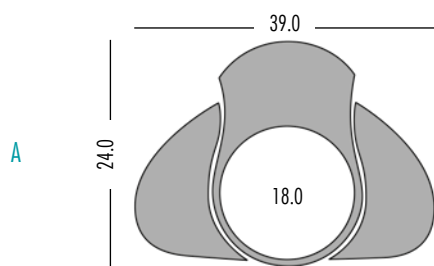
Suction Tube
for
100-500-552 / 100-500-551

65mm, 2 ¹ / ₂ "	100-500-558
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**KLEINSASSER, L.**

Operation Laryngoscope

A large, Adults 150mm, 6"	100-500-555
B large, Adults 170mm, 6 ^{2/3} "	100-500-554
C small, Children 110mm, 4 ^{1/3} "	100-500-553



Fiber Optic Light Carrier

for

100-500-553 - 100-500-555

75mm, 3" 100-500-557



Suction Tube

for

100-500-553

70mm, 2^{3/4}" 100-500-559

for

100-500-555 / 100-500-554

85mm, 3^{1/4}" 100-500-560

Injection Cannula

for

100-500-553 - 100-500-555

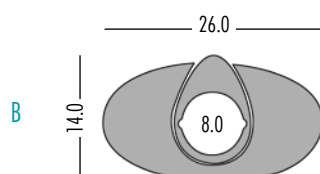
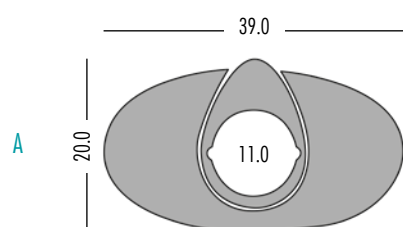
85mm, 3^{1/4}" 100-500-561

**KLEINSASSER, B.**

Operation Laryngoscope

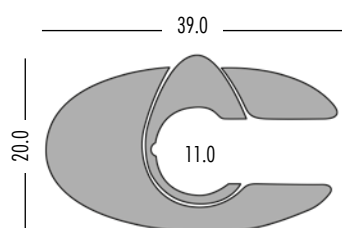
A medium, Children 100-500-564
150mm, 6"

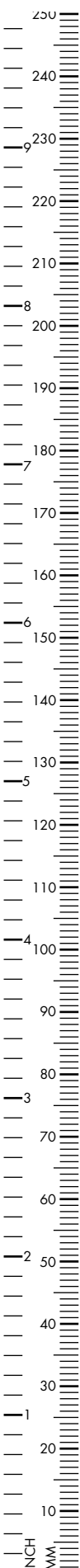
B small, Children 100-500-563
115mm, 4 1/2"

**KLEINSASSER, B. - P**

Operation Laryngoscope

medium, Children 100-500-562
150mm, 6"





Fiber Optic Light Carrier
for
100-500-562 / 100-500-564

120mm, 4^{3/4}" 100-500-538

for
100-500-563

65mm, 2^{1/2}" 100-500-556



Fiber Optic Light Carrier
for
100-500-531

120mm, 4^{3/4}" 100-500-541



Suction Tube
for
100-500-552 / 100-500-551

65mm, 2^{1/2}" 100-500-558



Light Clip

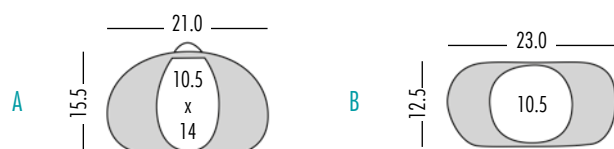
100-500-576



Injection Cannula, malleable,
135mm, 5^{1/3}"

Ø 2mm 100-500-574

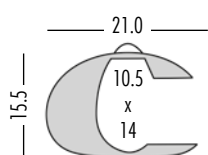
Ø 3mm 100-500-575

**KLEINSASSER, B. - S.**

Operation Laryngoscope

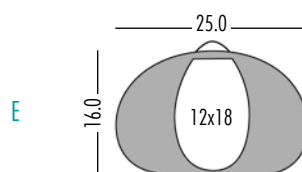
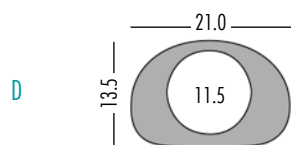
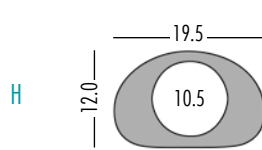
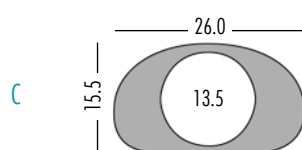
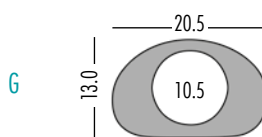
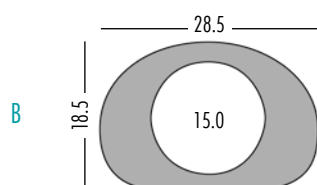
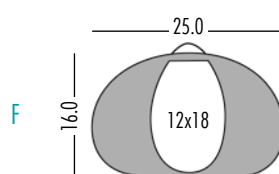
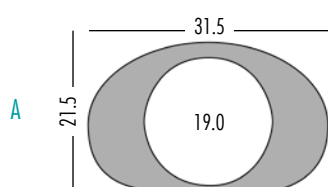
A slender, Adult 100-500-573
170mm, 6²/₃"

B extra - slender, Adult 100-500-572
150mm, 6"

**KLEINSASSER, B. - P. - S.**

Operation Laryngoscope

slender, Adult 100-500-571
170mm, 6²/₃"



Operation Laryngoscope, spreadable

A extra large, Adults, 170mm, 6 ² / ₃ "	100-500-208
B extra large, Adults, 170mm, 6 ² / ₃ "	100-500-205
C medium, Adults, 170mm, 6 ² / ₃ "	100-500-204
D small, Adults, 180mm, 7"	100-500-203
E medium, anterior Adults, 180mm, 7"	100-500-206
F medium, long neck Adults, 220mm, 8 ² / ₃ "	100-500-207
G small, Children, 150mm, 6"	100-500-202
H small, Infants, 130mm, 5"	100-500-201



Fiber Optic Light Carrier
for
100-500-001/100-500-002
100-500-201/100-500-202

75mm, 3" 100-500-019

for
100-500-003 - 100-500-008
100-500-203 - 100-500-208

140mm, 5 1/2" 100-500-020



Suction Tube, Ø 3mm
for
100-500-001/100-500-002

90mm, 3 1/2" 100-500-080



Injection Cannula
for
100-500-001 - 100-500-008
100-500-201 - 100-500-208

85mm, 3 1/4" 100-500-050

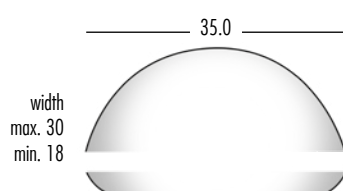


Operation Laryngoscope, spreadable

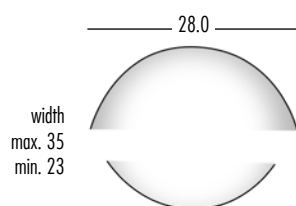
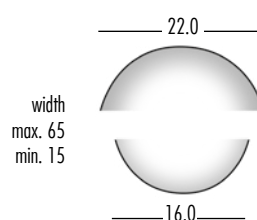
A extra large, Adults, 180mm, 7"	100-500-583
B Adolescent / Adults, 180mm, 7"	100-500-582
C small, Children, 135mm, 5 ¹ / ₃ "	100-500-581

PROXIMAL

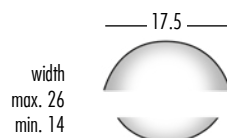
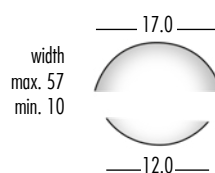
DISTAL



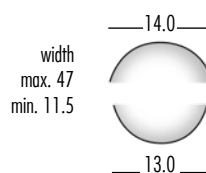
A



B



C





Fiber Optic Light Carrier
for
100-500-583 / 100-500-582

120mm, 4 ^{3/4} "	100-500-584
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for
100-500-581

100mm, 4"	100-500-585
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Suction Tube
for
100-500-583 / 100-500-582

100mm, 4"	100-500-586
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for
100-500-581

120mm, 4 ^{3/4} "	100-500-587
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Injection Cannula
for
100-500-583 / 100-500-582

70mm, 2 ^{3/4} "	100-500-588
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PARSONS

Laryngoscope, for binocular viewing

Children 145mm, 5 ^{3/4} "	100-500-145
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Adolescent / Adults 165mm, 6 ^{1/2} "	100-500-165
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Adults 180mm, 7"	100-500-180
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Cupped Forceps

Round cupped, jaws, conical tubular shaft,
working length: 230mm, 9"



straight

2mm 100-700-001

4mm 100-700-101

curved upwards

2mm 100-700-002

4mm 100-700-102

curved right

2mm 100-700-003

4mm 100-700-103

curved left

2mm 100-700-004

4mm 100-700-104

curved upwards right

2mm 100-700-005

curved upwards left

2mm 100-700-006

horizontal curved right opening

2mm 100-700-007

horizontal curved left opening

2mm 100-700-008

Alligator Forceps

conical tubular shaft, 2mm,
working length: 230mm, 9"



straight

100-700-020



curved right

100-700-021



curved left

100-700-022



curved upwards

100-700-023



triangular jaws, curved upwards right

100-700-024



triangular jaws, curved upwards left

100-700-025

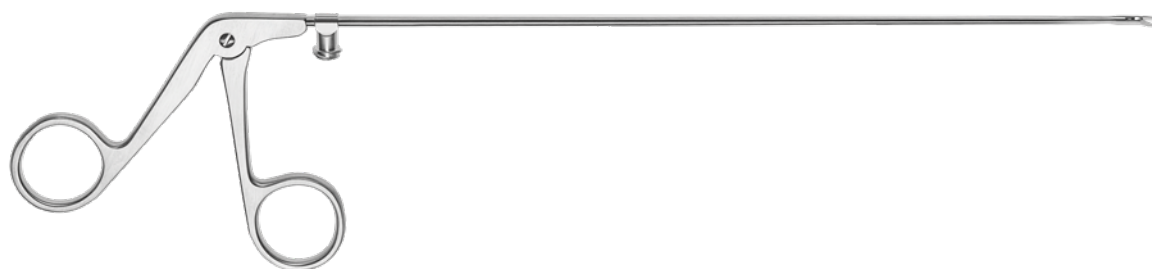


triangular jaws, straight

100-700-026

Micro Laryngeal Scissors

conical tubular shaft, 2mm,
working length: 230mm, 9"



straight

100-700-050



45° upcurved

100-700-051



curved right

100-700-052



curved left

100-700-053



straight, horizontal cutting

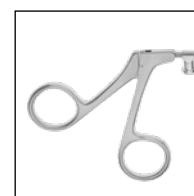
100-700-054

Laryngeal Instruments

distal end angled up, conical tubular shaft,
working length: 230mm, 9"



Regular Handle



Handle with
thumb control



straight

100-715-001

with thumb control

100-725-001



curved upwards

100-715-002

with thumb control

100-725-002



curved right

100-715-003

with thumb control

100-725-003



curved left

100-715-004

with thumb control

100-725-004



Scissors, straight

100-715-005

with thumb control

100-725-005



Scissors, 45° curved upwards

100-715-006

with thumb control

100-725-006



Scissors, curved right

100-715-007

with thumb control

100-725-007



Scissors, curved left

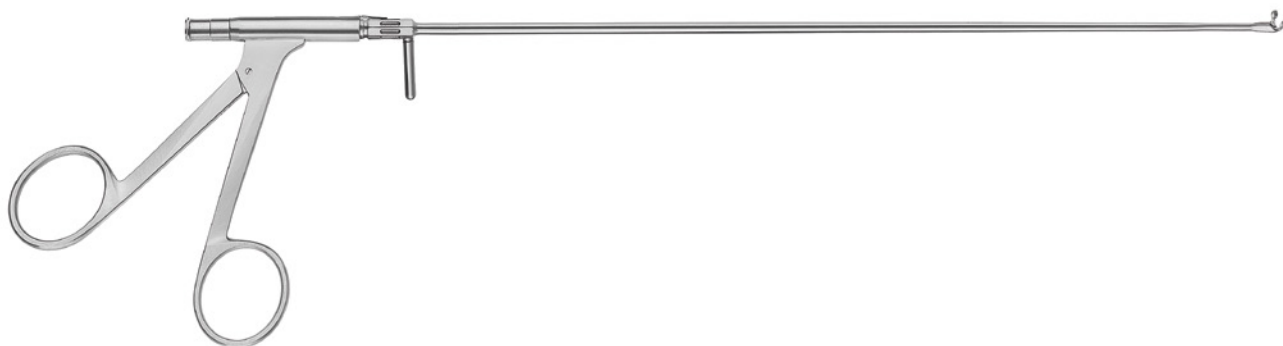
100-715-008

with thumb control

100-725-008

Laryngeal Instruments, 360° rotatable

with LuerLock, working length: 235mm, 9¹/₄"



straight

2mm 100-700-501

1mm 100-700-511



curved upwards

2mm 100-700-502

1mm 100-700-512



curved right

2mm 100-700-503

1mm 100-700-513



curved left

2mm 100-700-504

1mm 100-700-514



straight

100-700-520



curved upwards

100-700-523



curved right

100-700-521



curved upwards

100-700-524



curved left

100-700-522



straight

100-700-550



curved upwards

100-700-551



curved right

100-700-552



curved left

100-700-553

Mini Laryngeal Instruments

conical tubular shaft, working length: 230mm, 9"



straight

1mm

100-710-001

curved upwards

1mm

100-710-002

curved right

1mm

100-710-003

curved left

1mm

100-710-004

curved upwards right

1mm

100-710-005

curved upwards left

1mm

100-710-006

straight

100-710-020

curved right

100-710-021

curved left

100-710-022

curved upwards

100-710-023

curved upwards right

100-710-024

curved upwards left

100-710-025

straight

100-710-050

angled 45°

100-710-051

curved right

100-710-052

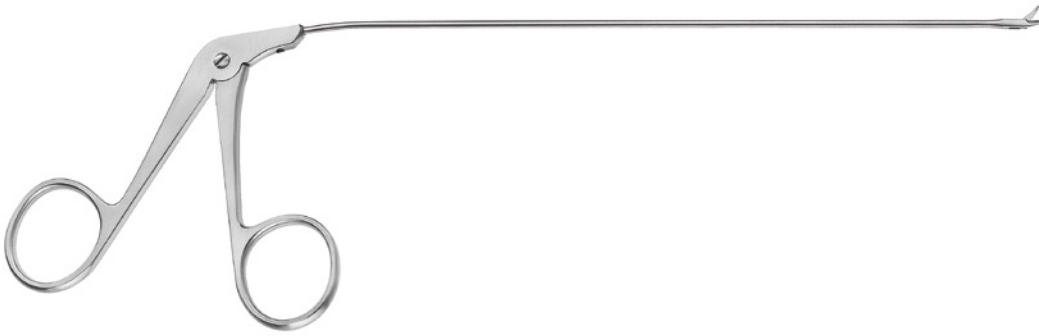
curved left

100-710-053

KLEINSASSER

Pediatric Laryngeal Instruments

conical tubular shaft, working length: 180mm, 7"



straight

2mm	100-712-001
3mm	100-712-002



curved upwards

2mm	100-712-003
3mm	100-712-004



straight

100-712-005



curved upwards

100-712-013



straight

100-712-006



45° angled

100-712-007



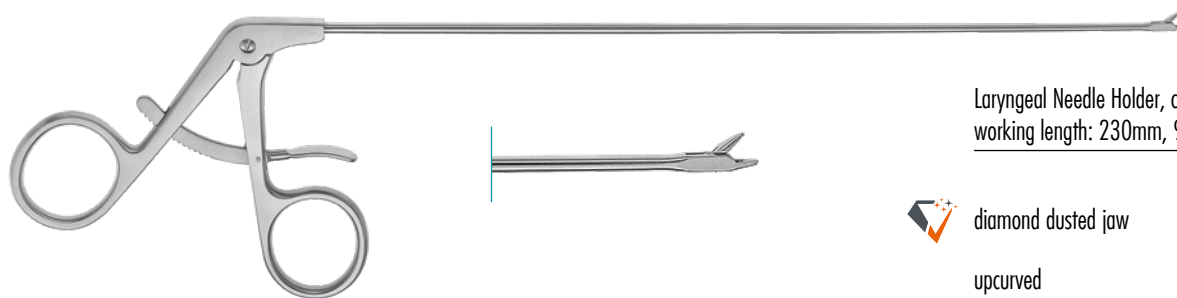
curved right

100-712-008



curved left

100-712-009



Laryngeal Needle Holder, conical tubular shaft,
working length: 230mm, 9"

100-700-200

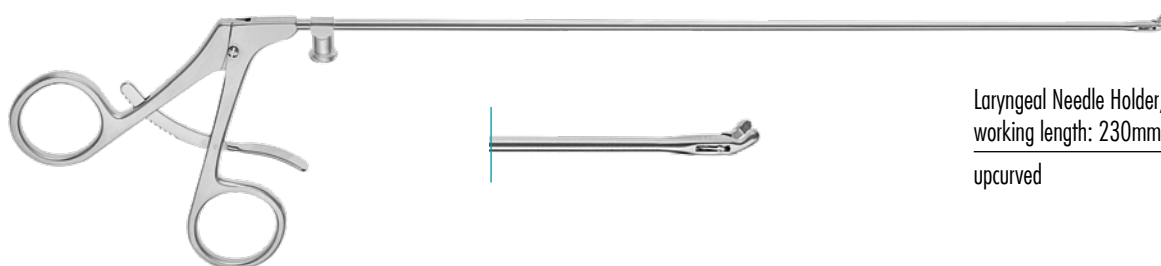


diamond dusted jaw

100-700-210

upcurved

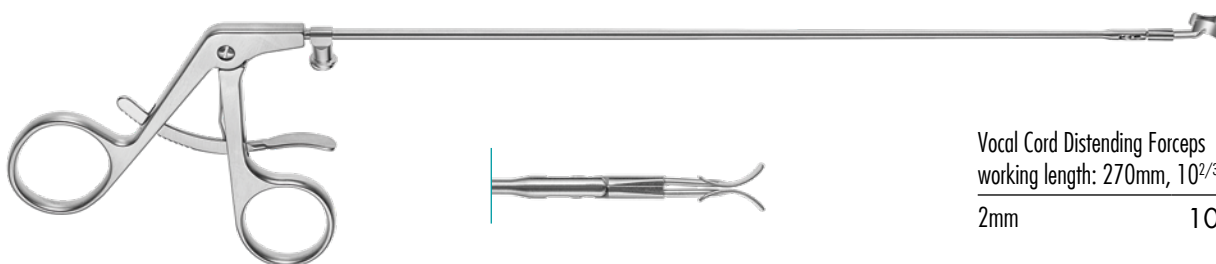
100-700-230



Laryngeal Needle Holder, conical tubular shaft,
working length: 230mm, 9"

upcurved

100-700-230



Vocal Cord Distending Forceps
working length: 270mm, 10^{2/3}"

2mm

100-700-270

Laryngeal Instruments for Microsurgery

total length: 250mm, 9^{7/8}"



Knife, round, 45° angled

Ø 2.5mm

100-850-001



Knife, round, vertical cutting

100-850-002



Knife, oval, straight

100-850-003



Knife, sickle shaped

100-850-004



Knife, golfstick-shaped

100-850-005



Hook, with probe end
blunt

100-850-006



Hook
sharp

100-850-007



Ligature needle
curved right

100-850-008



Ligature Needle
curved left

100-850-009



Elevator with suction channel

100-850-010



Knot guide

100-850-011



Hook with probe end
90° angled

100-850-012



Elevator, slightly curved

100-850-013



Elevator, 90° curved

100-850-014

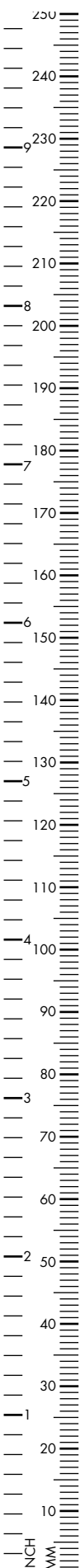


Knife, straight, lance-shaped

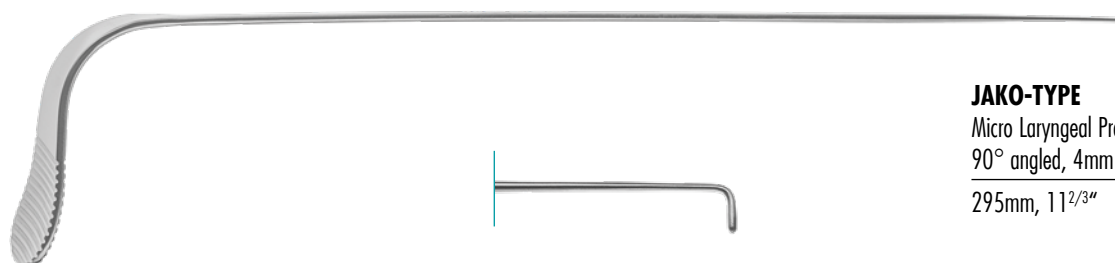
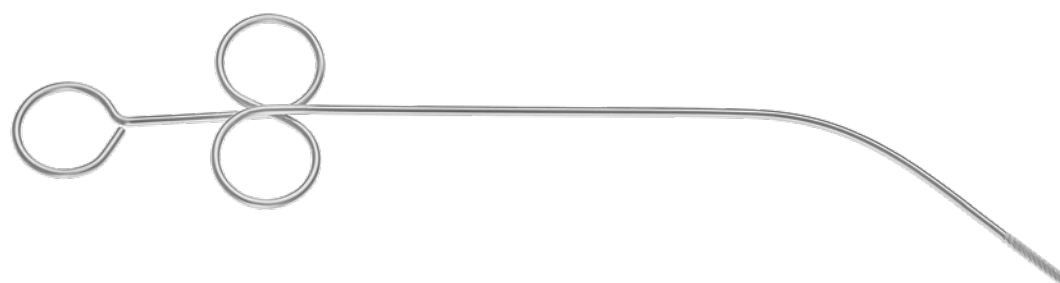
100-850-015



100-850-000
Handle only

**JAKO-TYPE**295mm, 11²/₃"

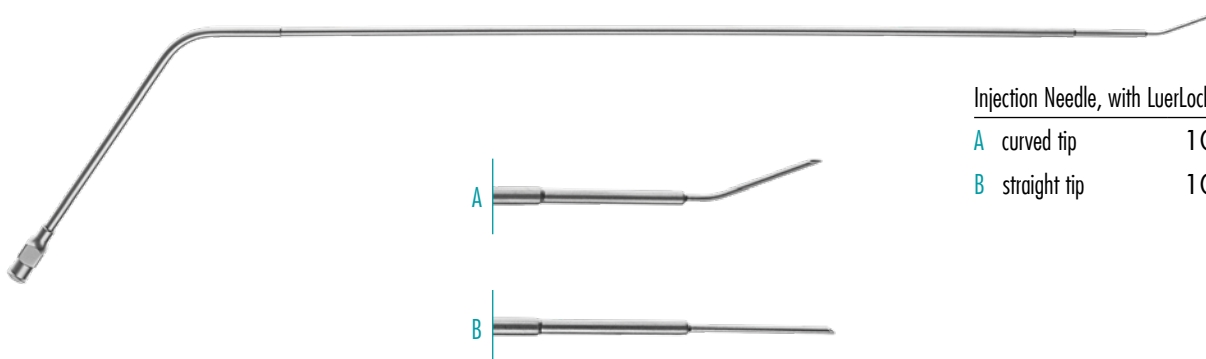
A Laryngeal Knife, 8mm blade length	100-853-295
B Laryngeal Sickle Knife, 8mm blade length	100-854-295
C Laryngeal Probe, straight	100-855-300
D Laryngeal Probe, 90° angled	100-856-300
A Micro Dissector blunt, 4mm wide	100-857-300

**JAKO-TYPE**Micro Laryngeal Probe, thumb handle,
90° angled, 4mm295mm, 11²/₃" 100-860-300Cotton Applicator, twist end serrated,
Ø 2.3mm

280mm, 11" 100-864-280

Suction Tube, 250mm, 9^{7/8}"

Ø 2.0mm	100-860-020
Ø 2.5mm	100-860-025
Ø 3.0mm	100-860-030



Injection Needle, with LuerLock

A curved tip	100-861-001
B straight tip	100-861-002

Suction/Coagulation Cannula, insulated,
monopolar connection, angled

2.5mm, 280mm, 11"	100-862-030
5.0mm, 270mm, 10 ^{2/3} "	100-864-030

Laser Laryngeal Suction Tubes

with laser protector and smoke channel,
230mm, 9"



round, upwards angled

Ø 3mm	100-850-503
Ø 4mm	100-850-504
Ø 5mm	100-850-505
Ø 7mm	100-850-547

oval, straight, distal opening left side

100-850-505

oval, straight, distal opening right side

100-850-512

bayonet shaped, distal opening left side

100-850-531

bayonet shaped, distal opening right side

100-850-532

square shaped, distal opening left side

100-850-521

square shaped, distal opening right side

100-850-522

Suction Tube

Ø 2.5mm

100-860-525

Suction Tube, lateral perforated

Ø 3.5mm

100-860-630

Suction Tube, distal closed, lateral perforated

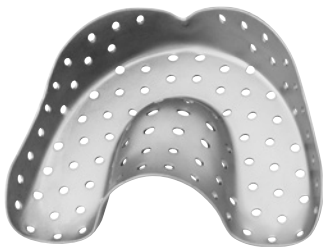
Ø 3.0mm

100-860-730



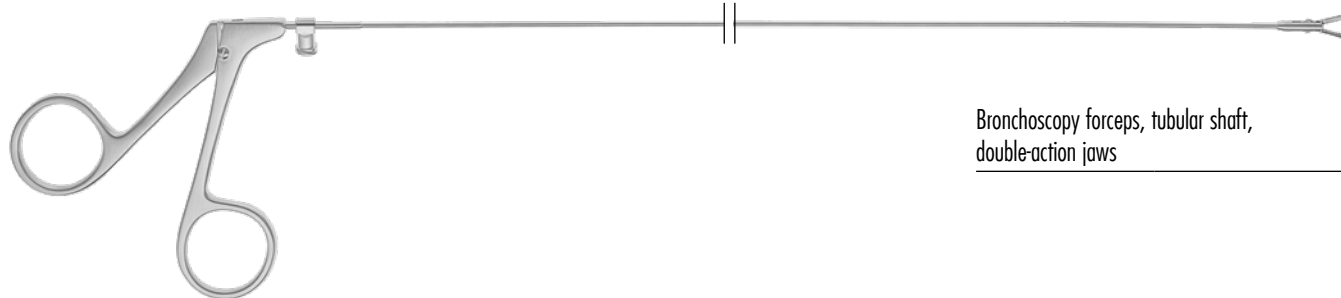
Teeth Protector, silicone

100-870-100



Teeth Protector, metal

Fig. 0 / Children	100-870-000
Fig. 1	100-870-001
Fig. 2	100-870-002
Fig. 3	100-870-003



Bronchoscopy forceps, tubular shaft,
double-action jaws



Foreign Body Forceps, alligator jaws
Ø 2.0mm shaft

250mm, 9 ⁷ / ₈ "	100-720-001
350mm, 13 ³ / ₄ "	100-720-011



Universal Biopsy and Grasping Forceps
Ø 2.0mm shaft

250mm, 9 ⁷ / ₈ "	100-720-002
350mm, 13 ³ / ₄ "	100-720-012



Biopsy Cup Forceps, straight, round cup
Ø 2.0mm shaft

250mm, 9 ⁷ / ₈ "	100-720-003
350mm, 13 ³ / ₄ "	100-720-013



Grasping Forceps, fenestrated jaw
Ø 2.0mm shaft

250mm, 9 ⁷ / ₈ "	100-720-004
350mm, 13 ³ / ₄ "	100-720-014



Foreign Body, alligator jaws
Ø 2.5mm shaft

350mm, 13 ³ / ₄ "	100-720-021
500mm, 19 ³ / ₄ "	100-720-031



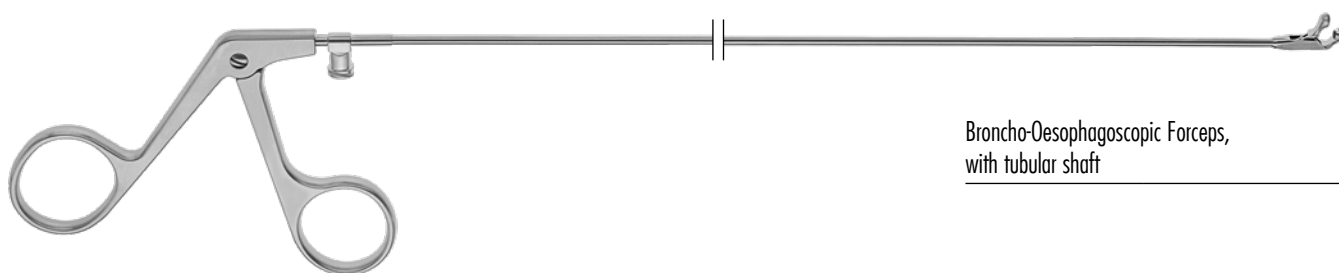
Universal Biopsy and Grasping Forceps
Ø 2.5mm shaft

350mm, 13 ³ / ₄ "	100-720-022
500mm, 19 ³ / ₄ "	100-720-032



Grasping Forceps, fenestrated jaw
Ø 2.5mm shaft

350mm, 13 ³ / ₄ "	100-720-024
500mm, 19 ³ / ₄ "	100-720-034



Broncho-Oesophagoscopic Forceps,
with tubular shaft



Grasping Forceps, serrated
Ø 2.5mm shaft

400mm, 15 ³ / ₄ "	100-720-402
500mm, 19 ¹ / ₂ "	100-720-502
600mm, 23 ¹ / ₂ "	100-720-602
Ø 1.5mm shaft	
350mm, 13 ³ / ₄ "	100-720-302



Grasping Forceps, serrated, fenestrated
Ø 2.5mm shaft

400mm, 15 ³ / ₄ "	100-720-403
500mm, 19 ¹ / ₂ "	100-720-503
600mm, 23 ¹ / ₂ "	100-720-603
Ø 1.5mm shaft	
350mm, 13 ³ / ₄ "	100-720-303



Alligator teeth
Ø 2.5mm shaft

400mm, 15 ³ / ₄ "	100-720-404
500mm, 19 ¹ / ₂ "	100-720-504
600mm, 23 ¹ / ₂ "	100-720-604
Ø 1.5mm shaft	
350mm, 13 ³ / ₄ "	100-720-304



Cupped Forceps, straight
Ø 2.5mm shaft

400mm, 15 ³ / ₄ "	100-720-405
500mm, 19 ¹ / ₂ "	100-720-505
600mm, 23 ¹ / ₂ "	100-720-605
Ø 1.5mm shaft	
350mm, 13 ³ / ₄ "	100-720-305



Cupped Forceps, horizontal upcurved
Ø 2.5mm shaft

400mm, 15 ³ / ₄ "	100-720-406
500mm, 19 ¹ / ₂ "	100-720-506
600mm, 23 ¹ / ₂ "	100-720-606
Ø 1.5mm shaft	
350mm, 13 ³ / ₄ "	100-720-306



Cupped Forceps, vertical upcurved
Ø 2.5mm shaft

400mm, 15 ³ / ₄ "	100-720-407
500mm, 19 ¹ / ₂ "	100-720-507
600mm, 23 ¹ / ₂ "	100-720-607
Ø 1.5mm shaft	
350mm, 13 ³ / ₄ "	100-720-307



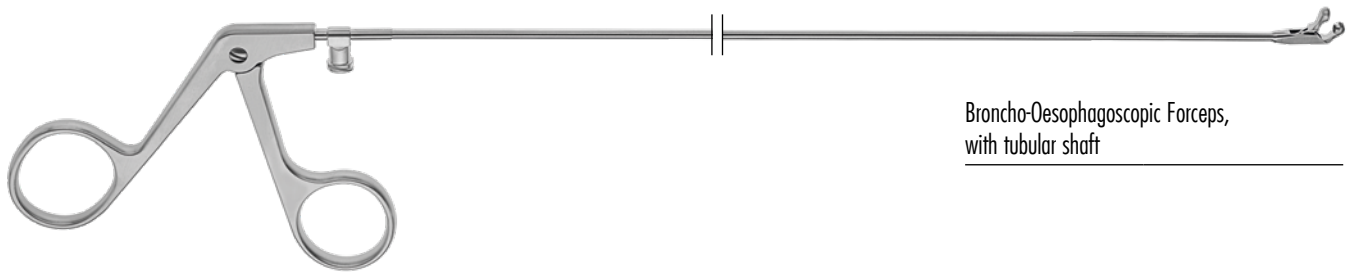
Cupped Forceps, right curved
Ø 2.5mm shaft

400mm, 15 ³ / ₄ "	100-720-408
500mm, 19 ¹ / ₂ "	100-720-508
600mm, 23 ¹ / ₂ "	100-720-608
Ø 1.5mm shaft	
350mm, 13 ³ / ₄ "	100-720-308



Cupped Forceps, left curved
Ø 2.5mm shaft

400mm, 15 ³ / ₄ "	100-720-409
500mm, 19 ¹ / ₂ "	100-720-509
600mm, 23 ¹ / ₂ "	100-720-609
Ø 1.5mm shaft	
350mm, 13 ³ / ₄ "	100-720-309



Broncho-Oesophagoscopic Forceps,
with tubular shaft



Cupped Forceps, oblong, straight
Ø 2.5mm shaft

400mm, 15 ³ / ₄ "	100-720-410
500mm, 19 ¹ / ₂ "	100-720-510
600mm, 23 ¹ / ₂ "	100-720-610



Cupped Forces, oval, straight
Ø 2.5mm shaft

400mm, 15 ³ / ₄ "	100-720-411
500mm, 19 ¹ / ₂ "	100-720-511
600mm, 23 ¹ / ₂ "	100-720-611



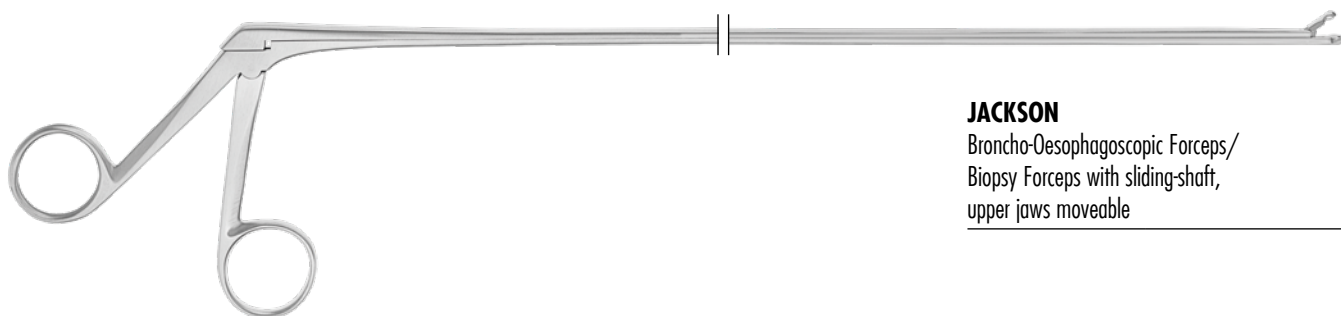
Cupped Forces, oval, straight
Ø 2.5mm shaft

400mm, 15 ³ / ₄ "	100-720-412
500mm, 19 ¹ / ₂ "	100-720-512
600mm, 23 ¹ / ₂ "	100-720-612
Ø 1.5mm shaft	
350mm, 13 ³ / ₄ "	100-720-312



Cupped Forceps, oval, serrated, straight
Ø 2.5mm shaft

400mm, 15 ³ / ₄ "	100-720-413
500mm, 19 ¹ / ₂ "	100-720-513
600mm, 23 ¹ / ₂ "	100-720-613
Ø 1.5mm shaft	
350mm, 13 ³ / ₄ "	100-720-313

**JACKSON**

Broncho-Oesophagoscopic Forceps/
Biopsy Forceps with sliding-shaft,
upper jaws moveable



serrated

300mm, 11 ⁷ / ₈ "	100-750-301
400mm, 15 ³ / ₄ "	100-750-401
500mm, 19 ¹ / ₂ "	100-750-501
600mm, 23 ¹ / ₂ "	100-750-601



1x2 teeth

300mm, 11 ⁷ / ₈ "	100-750-302
400mm, 15 ³ / ₄ "	100-750-402
500mm, 19 ¹ / ₂ "	100-750-502
600mm, 23 ¹ / ₂ "	100-750-602



Alligator teeth

300mm, 11 ⁷ / ₈ "	100-750-303
400mm, 15 ³ / ₄ "	100-750-403
500mm, 19 ¹ / ₂ "	100-750-503
600mm, 23 ¹ / ₂ "	100-750-603

cupped jaws, straight
Ø 2.0mm

300mm, 11 ⁷ / ₈ "	100-750-304
400mm, 15 ³ / ₄ "	100-750-404
500mm, 19 ¹ / ₂ "	100-750-504
600mm, 23 ¹ / ₂ "	100-750-604

cupped jaws, upcurved
Ø 2.0mm

300mm, 11 ⁷ / ₈ "	100-750-306
400mm, 15 ³ / ₄ "	100-750-406
500mm, 19 ¹ / ₂ "	100-750-506
600mm, 23 ¹ / ₂ "	100-750-606



spoon, oblong, straight

300mm, 11 ⁷ / ₈ "	100-750-308
400mm, 15 ³ / ₄ "	100-750-408
500mm, 19 ¹ / ₂ "	100-750-508
600mm, 23 ¹ / ₂ "	100-750-608

cupped jaws, straight
Ø 4.0mm

300mm, 11 ⁷ / ₈ "	100-750-305
400mm, 15 ³ / ₄ "	100-750-405
500mm, 19 ¹ / ₂ "	100-750-505
600mm, 23 ¹ / ₂ "	100-750-605

cupped jaws, straight
Ø 4.0mm

300mm, 11 ⁷ / ₈ "	100-750-307
400mm, 15 ³ / ₄ "	100-750-407
500mm, 19 ¹ / ₂ "	100-750-507
600mm, 23 ¹ / ₂ "	100-750-607

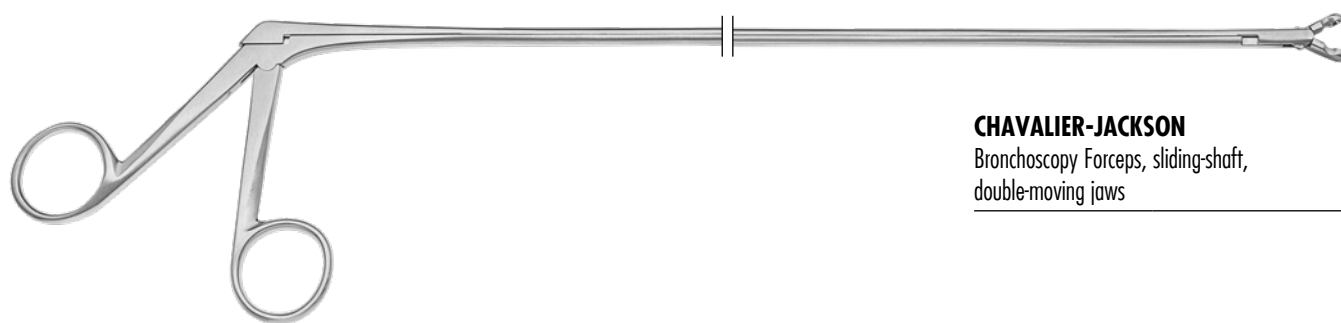


punch, angular

300mm, 11 ⁷ / ₈ "	100-750-309
400mm, 15 ³ / ₄ "	100-750-409
500mm, 19 ¹ / ₂ "	100-750-509
600mm, 23 ¹ / ₂ "	100-750-609

punch, round

300mm, 11 ⁷ / ₈ "	100-750-310
400mm, 15 ³ / ₄ "	100-750-410
500mm, 19 ¹ / ₂ "	100-750-510
600mm, 23 ¹ / ₂ "	100-750-610

**CHAVALIER-JACKSON**

Bronchoscopy Forceps, sliding-shaft,
double-moving jaws



Grasping Forceps, serrated jaw

300mm, 11 ^{7/8} "	100-755-305
400mm, 15 ^{3/4} "	100-755-405
500mm, 19 ^{1/2} "	100-755-505
600mm, 23 ^{1/2} "	100-755-605



Grasping Forceps, serrated jaw

300mm, 11 ^{7/8} "	100-755-304
400mm, 15 ^{3/4} "	100-755-404
500mm, 19 ^{1/2} "	100-755-504
600mm, 23 ^{1/2} "	100-755-604



Cupped Forceps

300mm, 11 ^{7/8} "	100-755-310
400mm, 15 ^{3/4} "	100-755-410
500mm, 19 ^{1/2} "	100-755-510
600mm, 23 ^{1/2} "	100-755-610

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160	410-092-001	73	410-110-153	85	410-118-028	80
150	410-093-160	74	410-110-155	79	410-118-030	80
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130	410-100-001	23	410-111-155	79	410-118-040	80
120	410-100-002	23	410-112-155	79	410-119-010	80
110	410-100-003	23	410-113-155	83	410-119-015	80
100	410-100-004	23	410-114-155	79	410-119-020	80
90	410-100-160	73	410-115-003	82	410-119-023	80
80	410-100-300	23	410-115-006	82	410-119-025	80
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60	410-101-001	23	410-115-153	83	410-124-160	73
50	410-101-002	23	410-115-161	82	410-128-010	80
40	410-101-003	23	410-115-162	82	410-128-015	80
30	410-101-004	23	410-115-164	82	410-128-020	80
20	410-101-160	73, 187	410-115-166	82	410-128-025	80
10	410-101-300	23	410-115-168	82	410-128-030	80
INCH	410-102-000	23	410-116-103	83	410-130-000	48
MM	410-102-001	23	410-116-105	83	410-130-030	48
	410-102-002	23	410-116-110	83	410-130-045	48
	410-102-003	23	410-116-155	79	410-130-070	48
	410-102-004	23	410-116-205	83	410-130-100	48
	410-102-300	23	410-116-210	83	410-130-130	48
	410-103-000	23, 73	410-116-305	83	410-130-145	48
	410-103-001	23, 73	410-116-310	83	410-130-170	48
	410-103-002	23	410-117-002	82	410-130-182	75
	410-103-003	23	410-117-003	82	410-132-001	15
	410-103-004	23	410-117-004	82	410-132-002	15
	410-103-160	73	410-117-006	82	410-132-003	15
	410-103-300	23	410-117-008	82	410-132-004	15
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	410-105-001	24	410-117-012	82	410-132-006	15
	410-105-002	24	410-117-015	82	410-132-160	40
	410-105-003	24	410-117-020	82	410-133-005	43
	410-105-160	74	410-117-025	82	410-133-006	43
	410-105-350	24	410-117-161	82	410-133-007	43
	410-105-351	24	410-117-162	82	410-133-008	43
	410-105-352	24	410-117-164	82	410-133-009	43

410-133-010	43	410-137-017	85	410-145-000	88
410-133-013	43	410-137-018	85	410-145-170	50
410-133-015	43	410-138-005	43	410-146-180	51
410-133-018	43	410-138-007	43	410-147-160	51
410-133-020	43	410-138-010	43	410-148-210	51
410-133-025	43	410-138-012	43	410-150-007	16
410-133-030	43	410-138-015	43	410-150-008	16
410-133-035	43	410-138-020	43	410-150-015	42
410-133-040	43	410-138-025	43	410-150-017	42
410-133-143	41	410-138-030	43	410-150-020	42
410-133-145	41	410-138-045	72	410-150-100	16
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410-133-173	41	410-138-275	86	410-153-016	89
410-133-175	41	410-138-300	86	410-153-030	89
410-133-243	41	410-138-325	86	410-154-130	89
410-133-245	41	410-138-350	86	410-154-160	89
410-133-273	41	410-138-375	86	410-154-180	89
410-133-275	41	410-138-400	86	410-155-000	87
410-134-006	43	410-138-425	86	410-155-180	89
410-134-007	43	410-138-450	86	410-155-800	86
410-134-009	43	410-138-475	86	410-156-180	89
410-134-012	43	410-138-500	86	410-157-001	84
410-134-016	43	410-141-163	77	410-157-002	84
410-134-116	41	410-141-165	77	410-157-003	84
410-134-120	41	410-141-180	87	410-157-004	84
410-134-216	41	410-142-135	85	410-157-005	84
410-134-220	41	410-142-140	85	410-157-006	84
410-134-312	40	410-142-145	85	410-157-090	84
410-134-316	40	410-142-150	85	410-162-180	84
410-134-320	40	410-142-160	86	410-165-001	81
410-135-015	75	410-142-161	86	410-165-002	81
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410-135-050	76	410-142-180	87	410-165-004	81
410-135-051	77	410-143-000	86	410-165-005	81
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410-137-008	85	410-144-107	88	410-174-102	17
410-137-013	85	410-144-110	88	410-174-512	17
410-137-014	85	410-144-115	88	410-185-010	17
410-137-015	85	410-144-130	88	410-185-110	17
410-137-016	85	410-144-200	88	410-185-210	17

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240	410-185-410	17	410-225-003	39	410-330-160	50
	410-185-510	17	410-228-000	107	410-330-700	59
230	410-190-440	17	410-228-010	107	410-330-800	59
	410-195-010	17	410-228-050	107	410-330-900	59
220	410-195-045	104	410-228-100	107	410-331-160	50
	410-195-110	17	410-230-120	26	410-334-160	50
210	410-205-000	19	410-230-140	26	410-335-300	58
8	410-205-001	19	410-232-140	106	410-335-400	58
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	410-210-002	82	410-267-004	44	410-338-125	28
170	410-210-003	82	410-267-005	44	410-338-131	28
	410-210-004	82	410-267-006	44	410-338-132	27
160	410-210-006	82	410-267-007	44	410-338-133	27
6	410-210-008	82	410-267-008	44	410-338-134	27
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	410-210-012	82	410-267-012	44	410-338-136	28
140	410-210-015	82	410-267-100	44	410-338-139	27
	410-210-020	82	410-267-101	44	410-338-140	28
130	410-210-025	82	410-269-012	44	410-338-142	28
5	410-210-085	27, 58	410-269-015	44	410-338-234	106
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4	410-210-210	83	410-269-030	44	410-340-130	67
100	410-210-303	83	410-269-050	44	410-340-140	67
	410-210-306	83	410-270-250	108	410-341-000	68
90	410-210-310	83	410-276-020	19	410-341-100	67
	410-216-003	83	410-276-072	19	410-341-500	60
80	410-216-005	83	410-276-074	19	410-341-800	61
3	410-216-006	81	410-276-076	19	410-341-900	61
70	410-216-007	81	410-276-078	19	410-342-100	66
	410-216-010	83	410-276-080	19	410-342-110	66
60	410-216-160	81	410-300-100	64	410-342-500	60
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	410-216-166	76	410-321-000	68	410-342-900	61
40	410-217-003	83	410-327-165	49	410-343-100	67
	410-217-006	83	410-328-165	49	410-343-110	66
30	410-217-010	83	410-329-190	49	410-343-120	66
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	410-217-106	83	410-330-002	60	410-343-140	66
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410-343-220	66	410-352-050	67	410-585-006	21
410-343-230	66	410-352-060	67	410-585-007	21
410-343-240	66	410-352-080	61	410-586-141	21
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410-343-500	60	410-357-080	59	410-800-020	18
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410-344-080	58	410-360-500	64	410-800-104	69
410-344-500	60	410-361-080	64	410-800-105	69
410-344-800	61	410-365-080	63	410-800-106	69
410-345-000	68	410-366-080	63	410-800-108	69
410-345-080	58	410-368-080	65	410-800-110	69
410-346-000	68	410-375-100	26	410-800-112	69
410-346-080	60	410-375-120	26	410-800-115	69
410-347-500	60	410-377-120	26	410-800-120	69
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410-350-100	62	410-391-140	26	410-800-130	69
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410-350-200	61	410-410-160	29	410-800-202	69
410-350-500	62	410-411-100	29	410-800-204	69
410-350-700	62	410-580-001	22	410-800-206	69
410-351-010	66	410-580-002	22	410-800-208	69
410-351-020	66	410-580-003	22	410-800-210	69
410-351-030	66	410-580-130	23	410-800-212	69
410-351-040	66	410-580-161	22	410-800-215	69
410-351-050	66	410-580-162	22	410-800-220	69
410-351-060	66	410-580-163	22	410-800-225	69
410-351-500	62	410-583-145	22	410-800-310	69
410-351-700	61, 62	410-583-150	22	410-800-312	69
410-351-800	63	410-584-001	21	410-800-315	69
410-351-900	63	410-584-002	21	410-800-318	69
410-352-000	68	410-585-001	21	410-800-320	69
410-352-010	67	410-585-002	21	410-800-323	69
410-352-020	67	410-585-003	21	410-800-325	69
410-352-030	67	410-585-004	21	410-800-330	69
410-352-040	67	410-585-005	21	410-800-406	69

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240	410-800-415	69	410-880-003	46	420-050-101	92
	410-800-420	69	410-880-004	46	420-050-102	92
230	410-800-423	69	410-880-005	46	420-050-103	92
	410-800-425	69	410-880-006	46	420-050-104	92
220	410-800-510	69	410-880-007	46	420-050-106	92
	410-800-515	69	410-880-008	46	420-050-107	92
210	410-800-520	69	410-880-009	46	420-052-001	92
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	410-800-530	69	410-880-012	46	420-052-004	92
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	410-800-610	70	410-880-014	47	420-100-002	95
7	410-800-620	70	410-880-015	47	420-100-003	95
	410-800-630	70	410-880-016	47	420-100-100	240, 241
170	410-800-640	70	410-880-017	47	420-119-001	94
	410-800-710	70	410-880-018	47	420-119-002	94
160	410-800-720	70	410-880-019	47	420-119-003	94
6	410-800-722	70	410-880-020	47	420-121-150	94
	410-800-730	70	410-880-021	47	420-122-150	94
140	410-800-732	70	410-880-356	48	420-123-150	94
	410-800-801	71	410-880-387	48	420-124-033	94
130	410-800-802	71	410-880-501	46	420-132-035	97
5	410-800-811	71	410-880-502	46	420-132-055	97
	410-800-812	71	410-880-503	46	420-132-075	97
120	410-800-821	71	410-880-504	46	420-132-090	97
	410-800-822	71	410-880-505	46	420-135-035	98
110	410-800-831	71	410-880-506	46	420-135-055	98
4	410-800-832	71	410-880-507	46	420-135-065	98
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	410-800-856	72	410-880-517	47	420-140-090	101
60	410-800-877	72	410-880-518	47	420-140-100	101
2	410-800-901	72	410-880-519	47	420-140-135	93
	410-800-902	72	410-900-000	11	420-142-135	93
40	410-800-950	57	410-905-000	89	420-143-040	96
	410-800-960	57	420-001-000	107	420-143-055	96
30	410-800-970	57	420-050-001	92	420-143-075	96
1	410-800-980	57	420-050-002	92	420-143-090	96
	410-800-990	57	420-050-003	92	420-146-040	95
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420-146-152	93	420-210-013	109	420-239-190	140
420-146-153	93	420-210-175	106	420-239-195	140
420-147-040	95	420-210-200	105	420-250-160	140
420-147-055	95	420-211-160	105	420-253-185	144
420-147-075	95	420-211-200	105	420-255-160	140
420-147-090	95	420-213-140	132	420-256-135	139
420-147-140	93	420-213-180	127	420-260-005	139
420-148-150	93	420-220-010	243	420-260-008	139
420-150-001	101	420-220-020	243	420-260-013	139
420-150-002	101	420-220-030	243	420-260-113	139
420-150-003	101	420-220-040	243	420-310-190	144
420-150-004	101	420-220-050	243	420-311-190	144
420-150-005	101	420-220-060	243	420-364-000	168
420-150-006	101	420-220-070	243	420-365-000	168
420-150-007	101	420-220-212	130	420-365-050	168
420-150-008	101	420-220-220	130	420-366-000	169
420-150-160	102	420-221-010	243	420-367-000	169
420-150-165	102	420-221-020	243	420-367-002	169
420-150-180	103	420-221-030	243	420-370-210	129
420-184-100	137	420-221-040	243	420-370-212	129
420-184-130	137	420-221-050	243	420-370-400	129
420-185-100	137	420-221-060	243	420-371-210	129
420-186-100	138	420-221-070	243	420-375-165	103
420-186-140	138	420-221-200	130	420-390-190	144
420-187-130	135	420-222-000	243	420-391-000	245
420-187-155	137	420-222-001	243	420-391-001	245
420-187-255	137	420-222-002	243	420-391-002	245
420-189-210	131	420-222-003	243	420-391-115	246
420-190-003	132	420-222-004	243	420-392-003	150
420-191-003	132	420-223-170	123	420-392-004	150
420-195-000	42	420-226-001	244	420-392-005	150
420-195-150	132	420-226-002	244	420-393-003	150
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420-196-005	42	420-226-101	244	420-393-005	150
420-196-006	42	420-226-102	244	420-395-205	144
420-196-007	42	420-226-103	244	420-395-240	244
420-196-008	42	420-228-000	244	420-396-190	245
420-196-009	42	420-229-100	244	420-397-210	245
420-196-010	42	420-235-110	139	420-398-190	247
420-196-012	42	420-236-110	139	420-398-210	245
420-196-015	42	420-237-095	140	420-400-001	126
420-196-020	42	420-237-195	140	420-400-002	126
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200	420-405-120	112	420-490-210	163	420-554-178	142
190	420-406-120	112	420-491-000	155	420-554-190	142
180	420-407-005	111	420-491-001	155	420-555-195	131
170	420-407-007	111	420-491-002	155	420-555-200	143
160	420-407-009	111	420-491-210	163	420-556-200	143
150	420-407-011	111	420-492-165	163	420-557-170	131
140	420-408-003	129	420-492-210	163	420-568-002	157
130	420-408-004	129	420-493-165	163	420-568-003	157
120	420-409-120	114	420-493-210	163	420-568-004	157
110	420-410-140	114	420-494-210	163	420-568-005	157
100	420-411-200	105	420-520-140	136	420-568-006	157
90	420-413-140	114	420-520-141	136	420-568-007	157
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40	420-416-120	110, 213	420-532-165	148	420-580-009	156
30	420-418-140	113	420-532-200	143	420-580-012	156
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10	420-420-140	113	420-539-220	148	420-582-045	156
INCH	420-421-001	114	420-540-180	145	420-587-008	154
MM	420-421-002	114	420-541-180	145	420-587-010	154
	420-421-003	114	420-543-210	147	420-587-012	154
	420-422-190	126	420-544-165	149	420-587-014	154
	420-427-200	253	420-546-130	141	420-587-016	154
	420-450-230	130	420-546-180	141	420-589-008	154
	420-451-230	130	420-546-200	141	420-589-010	154
	420-452-230	130	420-547-004	148	420-589-012	154
	420-455-230	131	420-547-005	148	420-589-014	154
	420-459-001	155	420-547-006	31, 149	420-589-016	154
	420-459-002	155	420-548-180	142	420-590-004	150
	420-459-003	155	420-549-200	187	420-591-004	150
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	420-459-102	155	420-550-210	146	420-594-003	157
	420-459-103	155	420-550-225	147	420-594-004	157
	420-460-001	155	420-550-230	146	420-594-005	157
	420-460-002	155	420-551-170	151	420-594-006	157
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