





## 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

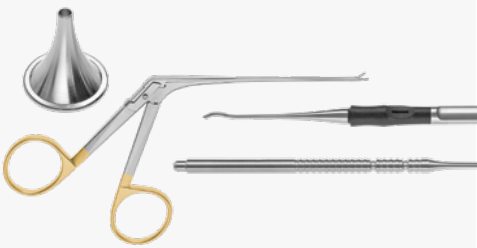
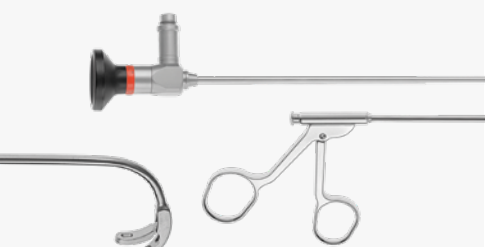
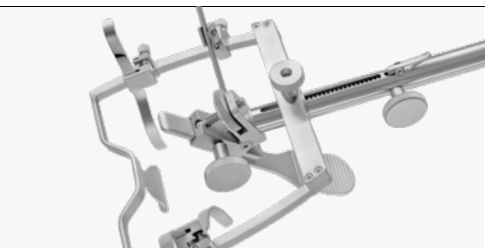
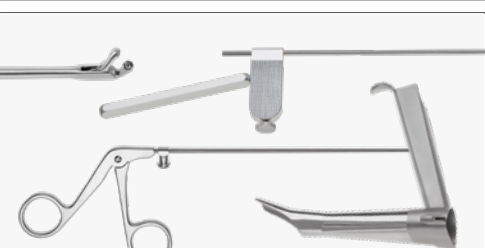
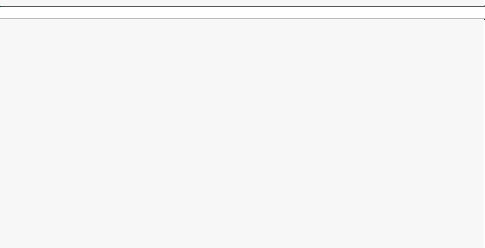
The quality of our products is the result of careful craftsmanship and advanced manufacturing. Each instrument is produced locally by experienced surgical instrument makers, combining expertise, precision, and state-of-the-art technology.

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

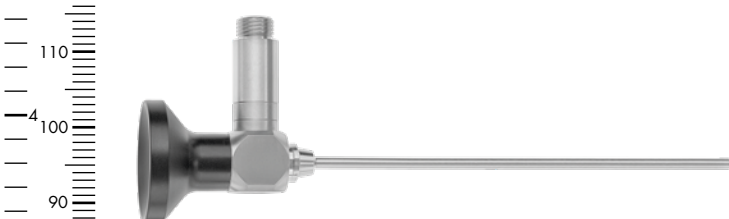


Otoscope, 75mm working length, Ø 2.7mm

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

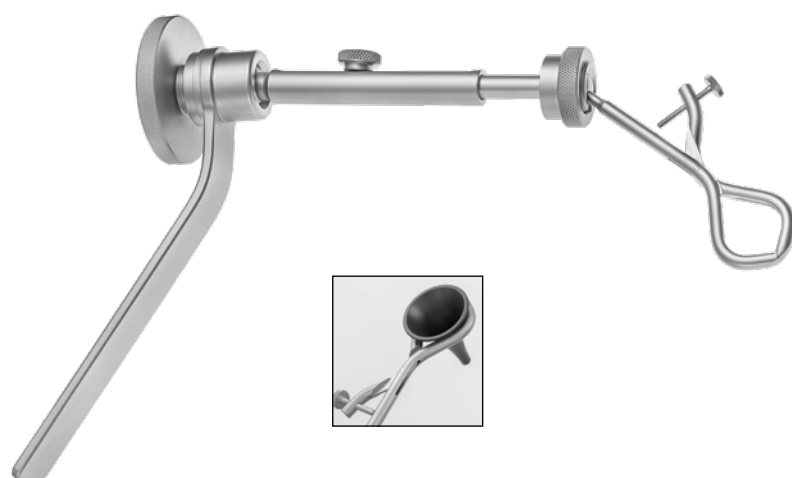
**B** 251-010-100

Aural Specula Holder for flexible arm

**C** 251-010-200

Endoscope Clamp for flexible arm

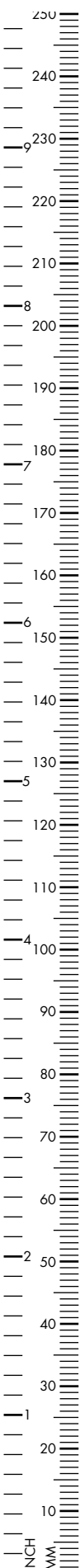
**D** 251-010-300



### **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

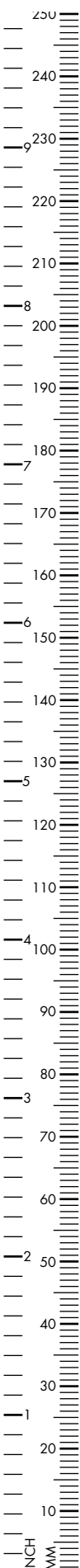
|                       |             |
|-----------------------|-------------|
| 30mm<br>inner Ø 3.0mm | 410-018-004 |
| 32mm<br>inner Ø 3.5mm | 410-018-005 |
| 34mm<br>inner Ø 4.5mm | 410-018-006 |
| 35mm<br>inner Ø 5.1mm | 410-018-007 |
| 35mm<br>inner Ø 5.5mm | 410-018-008 |
| 35mm<br>inner Ø 6.5mm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

**FARRIOR**

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

|                                |             |
|--------------------------------|-------------|
| inner Ø 3.3mm<br>outer Ø 4.1mm | 410-022-001 |
| inner Ø 4.3mm<br>outer Ø 5.1mm | 410-022-002 |
| inner Ø 4.8mm<br>outer Ø 5.6mm | 410-022-003 |
| inner Ø 5.3mm<br>outer Ø 6.1mm | 410-022-004 |
| inner Ø 5.8mm<br>outer Ø 6.6mm | 410-022-005 |
| inner Ø 6.3mm<br>outer Ø 7.1mm | 410-022-006 |
| inner Ø 6.7mm<br>outer Ø 7.5mm | 410-022-007 |
| inner Ø 7.2mm<br>outer Ø 8.0mm | 410-022-008 |
| inner Ø 7.7mm<br>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 |
| outer Ø 4.1mm |             |
| inner Ø 4.3mm | 410-022-502 |
| outer Ø 5.1mm |             |
| inner Ø 4.8mm | 410-022-503 |
| outer Ø 5.6mm |             |
| inner Ø 5.3mm | 410-022-504 |
| outer Ø 6.1mm |             |
| inner Ø 5.8mm | 410-022-505 |
| outer Ø 6.6mm |             |

|               |             |
|---------------|-------------|
| inner Ø 6.3mm | 410-022-506 |
| outer Ø 7.1mm |             |
| inner Ø 6.7mm | 410-022-507 |
| outer Ø 7.5mm |             |
| inner Ø 7.2mm | 410-022-508 |
| outer Ø 8.0mm |             |
| inner Ø 7.7mm | 410-022-509 |
| outer Ø 8.5mm |             |

**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 |
| outer Ø 4.8x5.8mm |             |
| inner Ø 4.5x5.5mm | 410-023-003 |
| outer Ø 5.3x6.3mm |             |
| inner Ø 4.0x6.0mm | 410-023-004 |
| outer Ø 5.8x6.3mm |             |
| inner Ø 5.5x6.5mm | 410-023-005 |
| outer Ø 6.3x7.3mm |             |

|                   |             |
|-------------------|-------------|
| inner Ø 6.0x7.0mm | 410-023-006 |
| outer Ø 6.8x7.8mm |             |
| inner Ø 6.5x7.5mm | 410-023-007 |
| outer Ø 7.3x8.3mm |             |
| inner Ø 7.0x8.0mm | 410-023-008 |
| outer Ø 7.8x8.8mm |             |
| inner Ø 7.5x8.5mm | 410-023-009 |
| outer Ø 8.3x9.3mm |             |



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

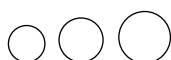
|                                        |             |
|----------------------------------------|-------------|
| inner Ø 3.0x4.0mm<br>outer Ø 3.8x4.8mm | 410-023-501 |
| inner Ø 4.0x5.0mm<br>outer Ø 4.8x5.8mm | 410-023-502 |
| inner Ø 4.5x5.5mm<br>outer Ø 5.3x6.3mm | 410-023-503 |
| inner Ø 5.0x6.0mm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



#### ZOELLNER

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

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



#### HOLMGREN

Self retaining, black finish

|                            |             |
|----------------------------|-------------|
| inner Ø 4mm<br>outer Ø 5mm | 410-032-050 |
| inner Ø 5mm<br>outer Ø 6mm | 410-032-060 |
| inner Ø 6mm<br>outer Ø 7mm | 410-032-070 |

**SCHWABER**

Specula with hinge, 165mm, 6 1/2"

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

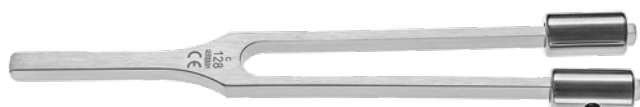
Ø 9.0mm

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**

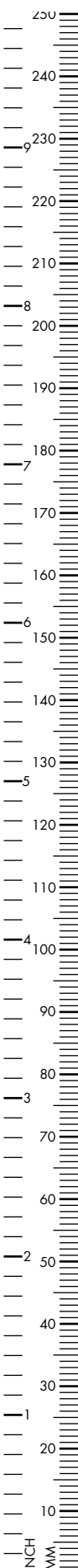
Tuning Fork, with platform

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



Tuning Fork, with platform

|        |             |
|--------|-------------|
| a1 440 | 410-190-440 |
|--------|-------------|



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

|                                                                     |             |
|---------------------------------------------------------------------|-------------|
| Syringe,<br>valve attachment,<br>metal sinker,<br>protection shield | 410-800-100 |
|---------------------------------------------------------------------|-------------|

|                                                       |             |
|-------------------------------------------------------|-------------|
| Plastic tube,<br>600 mm<br>outside 5mm,<br>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**

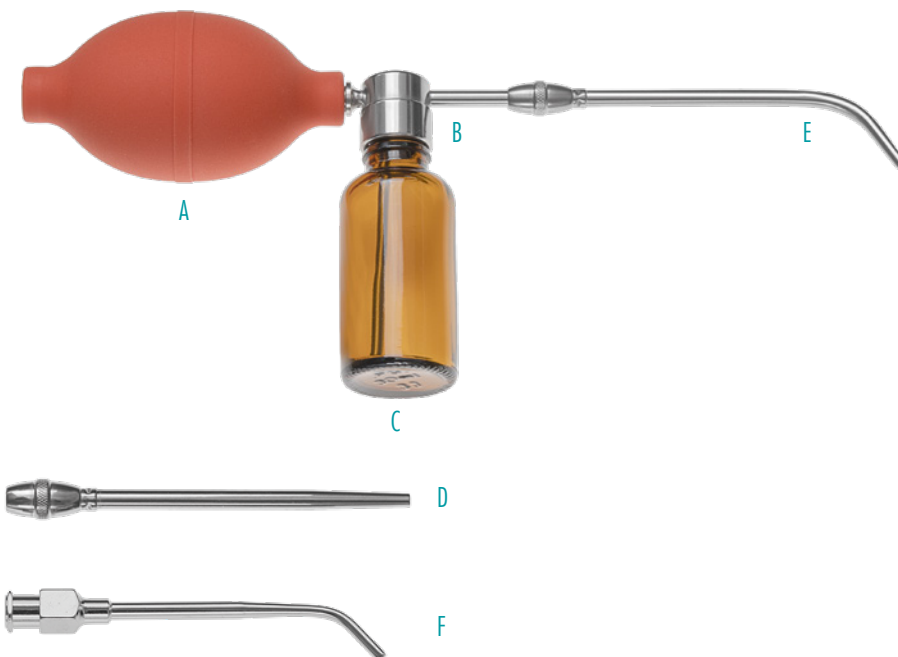
Eustachian Catheter

|         |             |
|---------|-------------|
| 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"

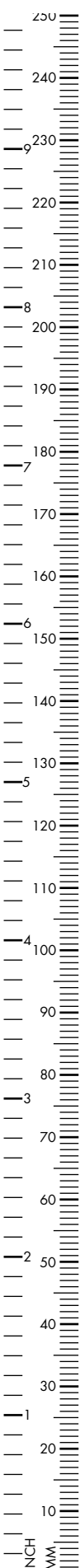
**D** 410-205-001

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

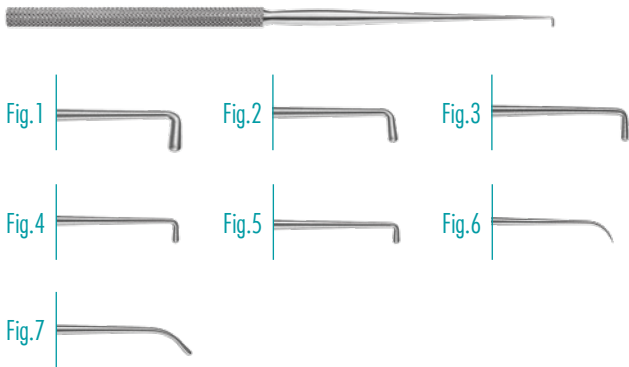
140mm, 5 $\frac{1}{2}$ "

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<sup>1/2</sup>"

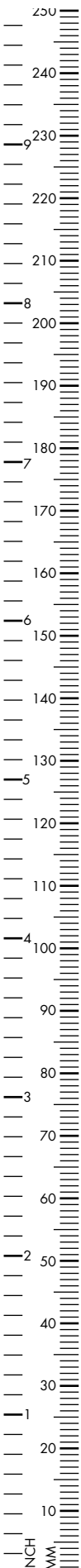
|        |             |
|--------|-------------|
| Fig. 1 | 410-585-001 |
| Fig. 2 | 410-585-002 |
| Fig. 3 | 410-585-003 |
| Fig. 4 | 410-585-004 |
| Fig. 5 | 410-585-005 |
| Fig. 6 | 410-585-006 |
| Fig. 7 | 410-585-007 |

**DAY**Ear Hook, 160mm, 6<sup>1/4</sup>"

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

**LUCAE**Ear Hook, probe-ended, 140mm, 5<sup>1/2</sup>"

|        |             |
|--------|-------------|
| 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"

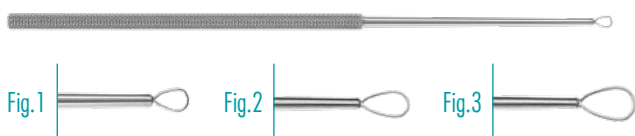
410-583-150

**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<sup>1/8</sup>"

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

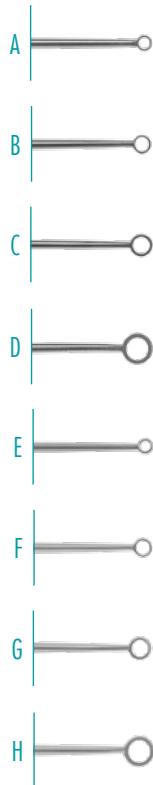
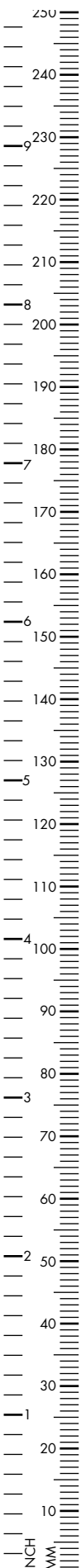
Fig. 00, Ø 1.2mm 410-103-000

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

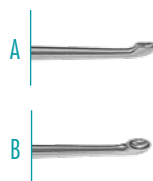


Ear Curette, angled shaft, blunt, 140mm, 5<sup>1</sup>/<sub>2</sub>" straight ring

|          |             |
|----------|-------------|
| 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

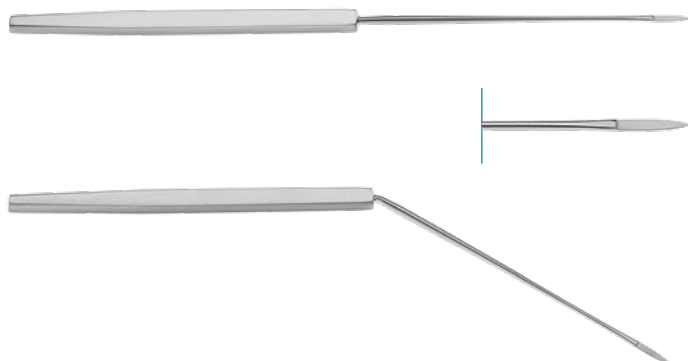
|          |             |
|----------|-------------|
| E Fig. 0 | 410-105-350 |
| F Fig. 1 | 410-105-351 |
| G Fig. 2 | 410-105-352 |
| H Fig. 3 | 410-105-353 |



Ear Canal Curette, sharp, 170mm, 6<sup>2</sup>/<sub>3</sub>"

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



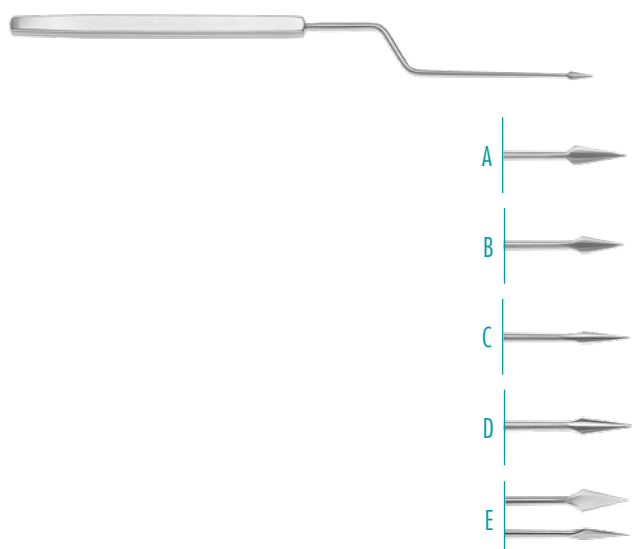
**POLITZER**

Ear Knife, straight

|                           |             |
|---------------------------|-------------|
| 160mm, 6 <sup>1/4</sup> " | 410-034-160 |
|---------------------------|-------------|

curved

|                           |             |
|---------------------------|-------------|
| 160mm, 6 <sup>1/4</sup> " | 410-035-160 |
|---------------------------|-------------|

**LUCAE**Tympanum Perforator, bayonet shape,  
for children, 180mm, 7"

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

for adults, 190mm, 7<sup>1/2</sup>"

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

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

|         |             |
|---------|-------------|
| D 1.5mm | 410-032-181 |
|---------|-------------|

for adults, horizontal shape

|   |             |
|---|-------------|
| E | 410-033-180 |
|---|-------------|

**POLITZER**Tympanum Perforator, knee bent,  
160mm working length

|          |             |
|----------|-------------|
| vertical | 410-032-160 |
|----------|-------------|

|            |             |
|------------|-------------|
| horizontal | 410-033-160 |
|------------|-------------|

**LUCAE**

Aural Dressing Forceps, bayonet shaped

140mm, 5<sup>1</sup>/<sub>2</sub>"

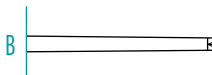
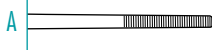
410-391-140

**TROELTSCH**

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

100mm, 4<sup>1</sup>/<sub>3</sub>"

410-375-100

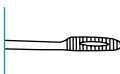
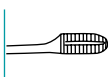
**WILDE-TROELTSCH**Aural Dressing Forceps, 120mm, 4<sup>3</sup>/<sub>4</sub>"

A serrated

410-375-120

B 1 x 2 teeth

410-377-120

**HARTMANN**

Aural Tampon Forceps, strong pattern

120mm, 4<sup>3</sup>/<sub>4</sub>"

410-230-140

delicate pattern

135mm, 5<sup>1</sup>/<sub>3</sub>"

410-230-120

**HARTMANN**

Ear Forceps, straight,  
80mm working length

|             |             |
|-------------|-------------|
| 1.0 x 8.0mm | 410-210-085 |
|-------------|-------------|

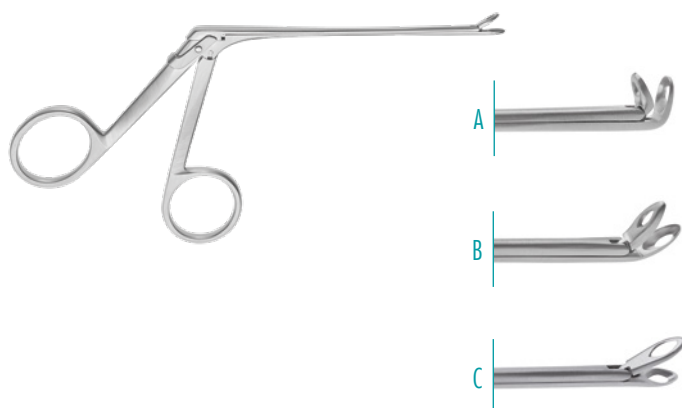
|                      |  |
|----------------------|--|
| 125mm working length |  |
|----------------------|--|

|             |             |
|-------------|-------------|
| 1.0 x 4.5mm | 410-210-125 |
|-------------|-------------|

**DUCKBILL**

Ear Forceps, 80mm working length, straight

|               |             |
|---------------|-------------|
| 8mm, serrated | 410-338-139 |
|---------------|-------------|

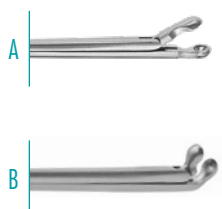
**STRUEMPEL**

Ear Forceps, 80mm working length

|                               |             |
|-------------------------------|-------------|
| A 2.5 x 6.0mm,<br>90° upwards | 410-338-132 |
|-------------------------------|-------------|

|                               |             |
|-------------------------------|-------------|
| B 2.5 x 6.0mm,<br>45° upwards | 410-338-133 |
|-------------------------------|-------------|

|                            |             |
|----------------------------|-------------|
| C 2.5 x 7.0mm,<br>straight | 410-338-134 |
|----------------------------|-------------|

**HARTMANN-HERZFELD**

Ear Forceps, 80mm working length,

**A** straight

1.0mm spoon 410-338-131

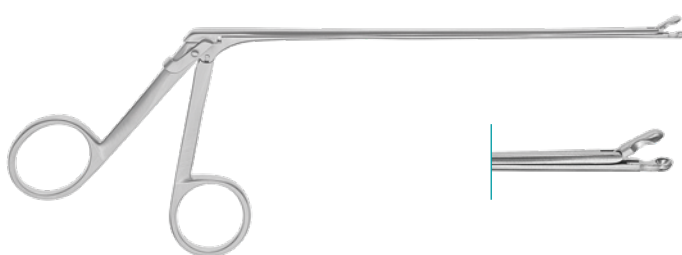
2.0mm spoon 410-338-135

2.5mm spoon 410-338-136

3.0mm spoon 410-338-140

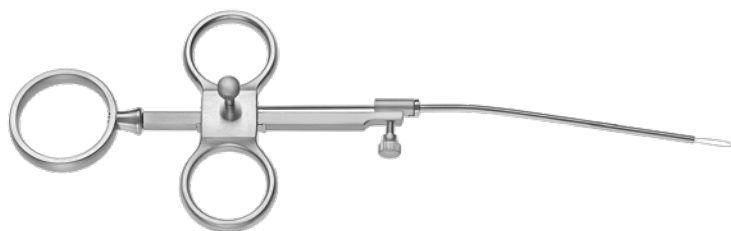
**B** curved upwards

2.0mm spoon 410-338-142

**HARTMANN-HERZFELD**

Ear Forceps, 125mm working length

2.0mm spoon 410-338-125

**KRAUSE**

Ear Polypus Snare

165mm, 6<sup>1</sup>/<sub>2</sub>"

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, 6<sup>7</sup>/<sub>8</sub>"

6mm

431-630-006

7mm

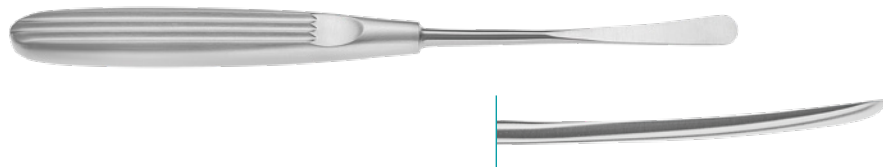
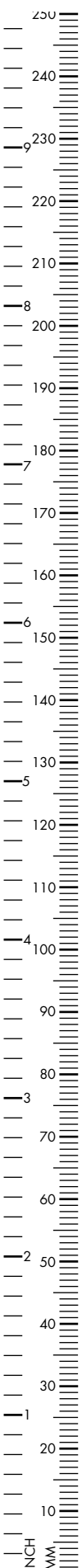
431-630-007

9mm

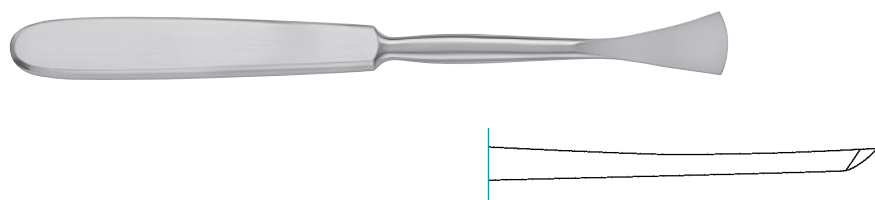
431-630-009

11mm

431-630-011

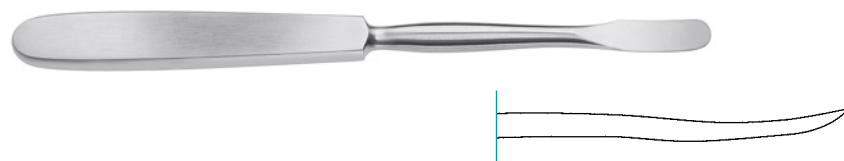
**JANSEN**Raspatory, 195mm, 7<sup>2</sup>/<sub>3</sub>"

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

**LANGENBECK**

Raspatory, 16mm, hollow handle

|                                        |             |
|----------------------------------------|-------------|
| 190mm, 7 <sup>1</sup> / <sub>2</sub> " | 210-303-190 |
|----------------------------------------|-------------|

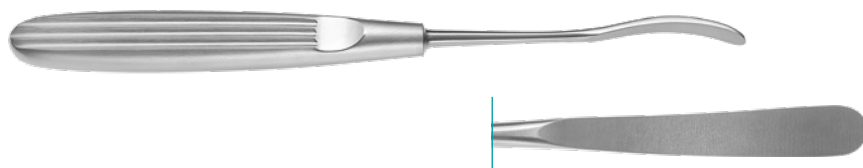
**KRAEMER**

Raspatory, 10mm, round blade

|                                        |             |
|----------------------------------------|-------------|
| 185mm, 7 <sup>1</sup> / <sub>4</sub> " | 210-313-185 |
|----------------------------------------|-------------|

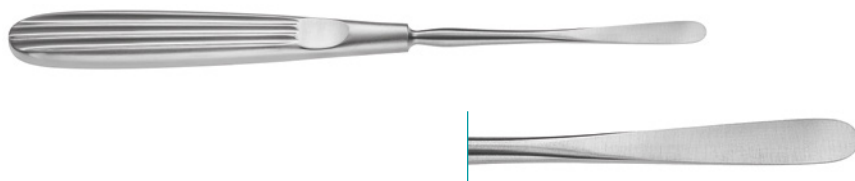
**OBWEGESER**Periosteal Elevator, curved, 175mm, 6<sup>7/8</sup>"

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

**EICKEN**

Periosteal Elevator

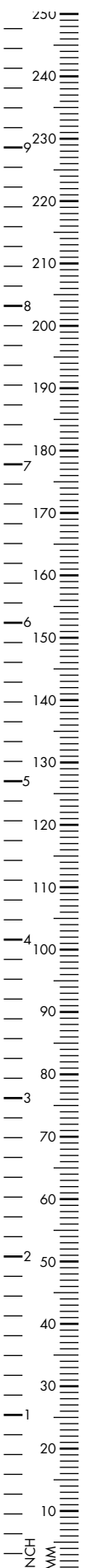
|                           |             |
|---------------------------|-------------|
| 195mm, 7 <sup>2/3</sup> " | 431-636-195 |
|---------------------------|-------------|

**ERLANGEN**

Raspatory, 6mm wide, slightly curved

|                           |             |
|---------------------------|-------------|
| 175mm, 6 <sup>7/8</sup> " | 420-547-006 |
|---------------------------|-------------|



**FARABEUF**

Periosteal Elevator, 11mm, curved

180mm, 7"

210-311-180

**WILLIGER**

Raspatory, 4mm

130mm, 5<sup>1</sup>/<sub>8</sub>"

210-434-130

160mm, 6<sup>1</sup>/<sub>4</sub>"

5mm

210-436-160

7mm

210-438-160

**TRAUTMANN**Gouge, 140mm, 5<sup>1</sup>/<sub>2</sub>"

3mm

210-113-143

5mm

210-113-145

7mm

210-113-147

9mm

210-113-149

**TRAUTMANN**Chisel, 140mm, 5<sup>1</sup>/<sub>2</sub>"

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<sup>1/2</sup>"

210-240-180

**LUCAE**

Mallet, Ø 19mm  
190mm, 7<sup>1/2</sup>"

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

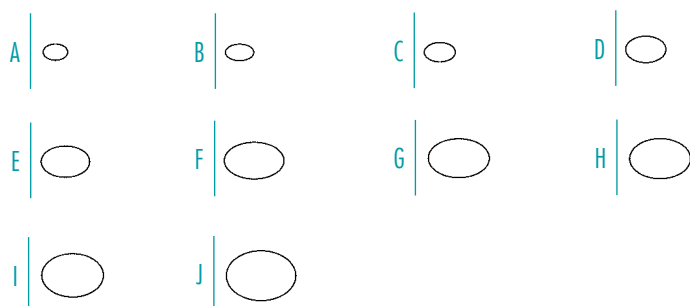
140g

225mm, 8 7/8"

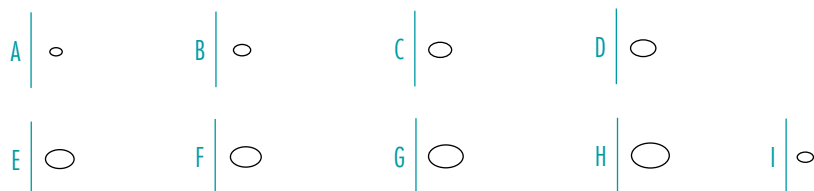
210-264-220

Spare Discs, pair

210-264-221

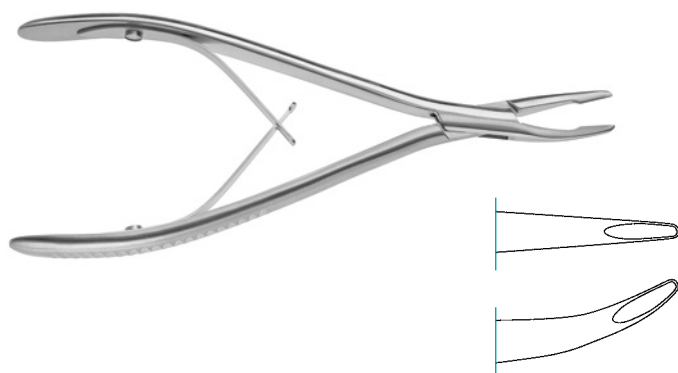
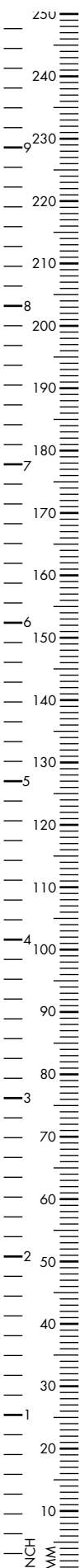
**SPRATT**Bone Curette, oval, 170mm, 6<sup>2</sup>/<sub>3</sub>"

|   |              |             |
|---|--------------|-------------|
| 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 |

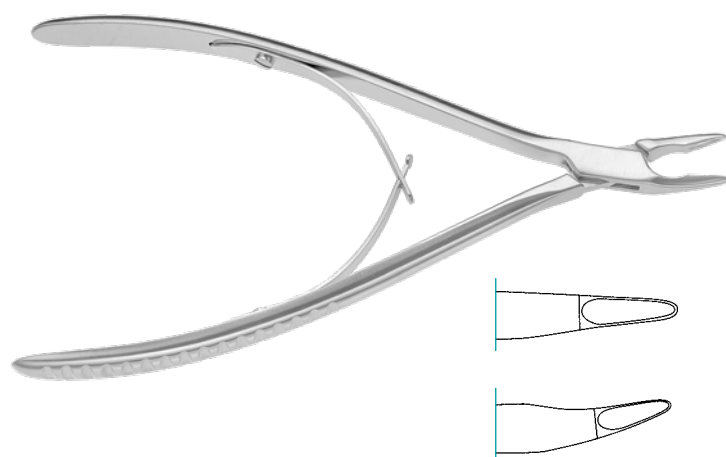
**LEMPERT**

Bone Curette, 200mm, 8"

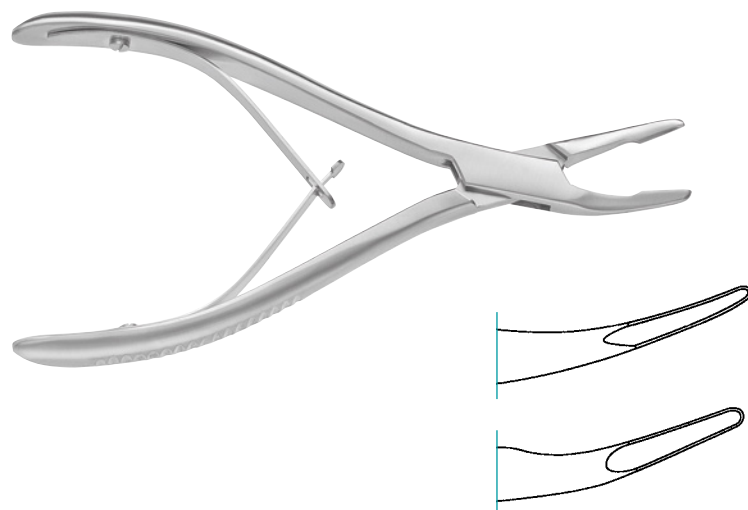
|   |               |             |
|---|---------------|-------------|
| A | #000000, 1mm  | 210-348-600 |
| B | #00000, 1.5mm | 210-348-500 |
| C | #0000, 2.0mm  | 210-348-400 |
| D | #000, 2.2mm   | 210-348-300 |
| E | #00, 2.5mm    | 210-348-200 |
| F | #0, 2.7mm     | 210-348-100 |
| G | #1, 3.0mm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

**LEMPERT**Bone Rongeur, 160mm, 6<sup>1</sup>/<sub>4</sub>"

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

**LEMPERT**Bone Rongeur, heavy pattern, 190mm, 7<sup>1</sup>/<sub>2</sub>"

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

**BEYER**

Bone Rongeur, 3x16mm, 180mm, 7"

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

**KERRISON**

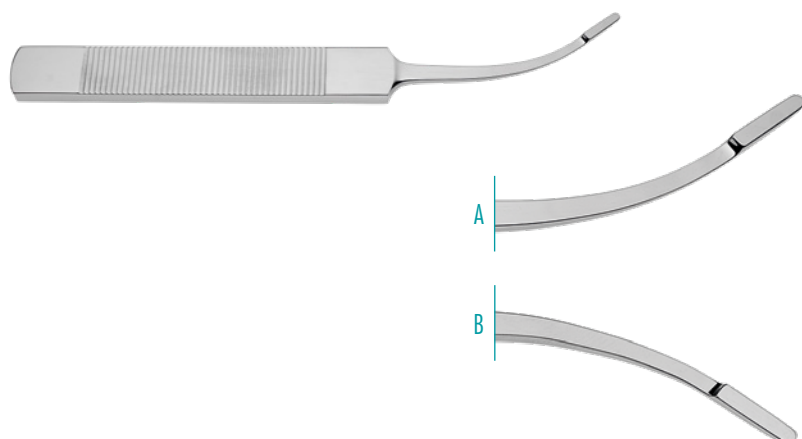
Bone Punch, 90mm working length

|                  |             |
|------------------|-------------|
| 3.0 x 9.0mm bite | 410-245-000 |
|------------------|-------------|

85mm working length

|           |             |
|-----------|-------------|
| 4.0mm jaw | 410-245-001 |
|-----------|-------------|

|           |             |
|-----------|-------------|
| 5.0mm jaw | 410-245-002 |
|-----------|-------------|

**STENSTROM**

Ear Scraper, 160mm, 6 1/4"

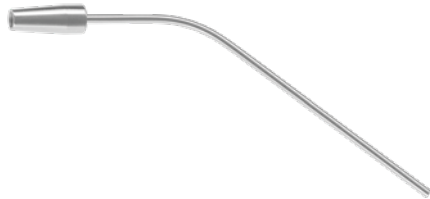
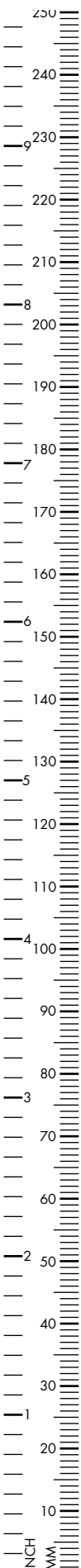
|               |             |
|---------------|-------------|
| A curved left | 410-033-130 |
|---------------|-------------|

|                |             |
|----------------|-------------|
| B curved right | 410-033-131 |
|----------------|-------------|

**DINGMANN**

Otobradars, left and right

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

**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 |
|---------|-------------|



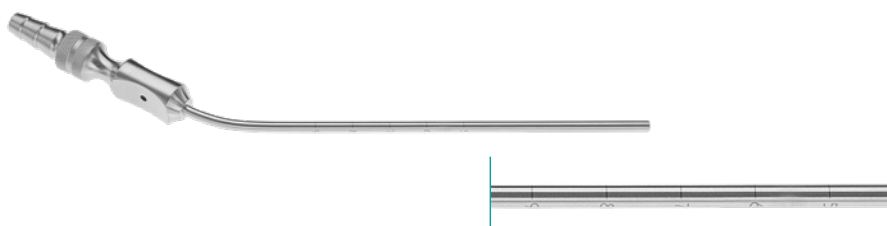
### FERGUSSON

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 |

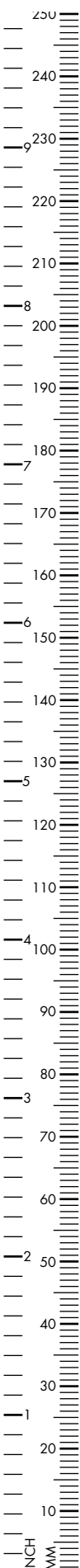


### PLESTER

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, 3 1/2"

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

**WULLSTEIN**

Suction Cannula, cylindrical, silver plated,  
with stylet, olive with Luer hub, 160mm, 6 1/4"

|         |             |
|---------|-------------|
| 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 |
|-----------|-------------|

|             |             |
|-------------|-------------|
| 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 |
|-------------|-------------|

|               |             |
|---------------|-------------|
| 40° downwards | 410-133-243 |
|---------------|-------------|

|             |             |
|-------------|-------------|
| 70° upwards | 410-133-173 |
|-------------|-------------|

|               |             |
|---------------|-------------|
| 70° downwards | 410-133-273 |
|---------------|-------------|

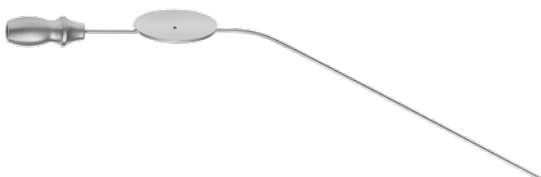
5 Charr.

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

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

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

|               |             |
|---------------|-------------|
| 70° downwards | 410-133-275 |
|---------------|-------------|

**BARON**Suction Tube, finger cut-off, stylet,  
75mm, 3"

|          |             |
|----------|-------------|
| 3 Charr. | 165-538-003 |
|----------|-------------|

|          |             |
|----------|-------------|
| 5 Charr. | 165-538-005 |
|----------|-------------|

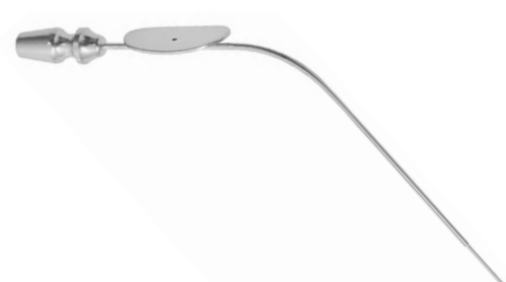
|          |             |
|----------|-------------|
| 7 Charr. | 165-538-007 |
|----------|-------------|

100mm, 4"

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

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

|          |             |
|----------|-------------|
| 7 Charr. | 165-539-007 |
|----------|-------------|

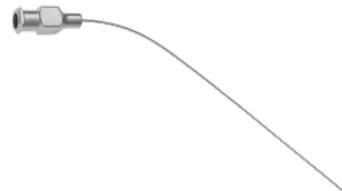
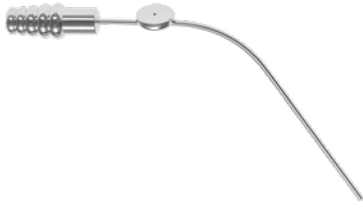
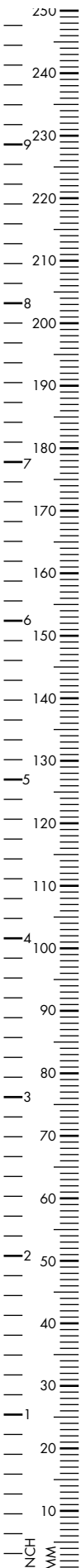
**SCHUKNECHT**Suction Tube, 135mm, 5<sup>1/3</sup>"

|         |             |
|---------|-------------|
| Ø 0.6mm | 165-536-006 |
|---------|-------------|

|         |             |
|---------|-------------|
| Ø 0.7mm | 165-536-007 |
|---------|-------------|

|         |             |
|---------|-------------|
| Ø 0.9mm | 165-536-009 |
|---------|-------------|

|         |             |
|---------|-------------|
| Ø 1.0mm | 165-536-010 |
|---------|-------------|

**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 <sup>1/8</sup> " | 420-195-000 |
|--------------------------|-------------|

**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**

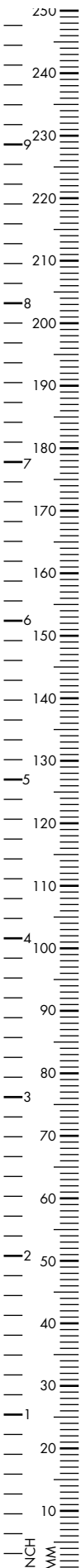
Suction Tube, 60mm working length

|         |             |
|---------|-------------|
| 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, 6<sup>7/8</sup>"

|                                   |             |
|-----------------------------------|-------------|
| Ø 8mm olive                       | 410-267-100 |
| Ø 8mm olive,<br>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

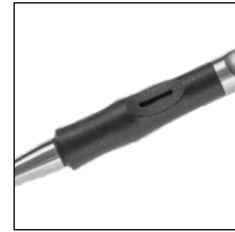
|         |             |
|---------|-------------|
| Ø 1.2mm | 410-269-012 |
| Ø 1.5mm | 410-269-015 |
| Ø 2.0mm | 410-269-020 |
| Ø 2.2mm | 410-269-022 |
| Ø 2.5mm | 410-269-025 |
| Ø 3.0mm | 410-269-030 |
| Ø 5.0mm | 410-269-050 |

# EESy

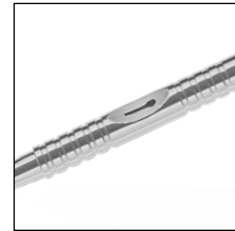
The **EESy** instruments allows the surgeon to use the one-hand technique. The instruments are a suction – cutting – dissection combination. These gives you major benefits in ESS and reduce the limitations of the endoscopic approach.

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

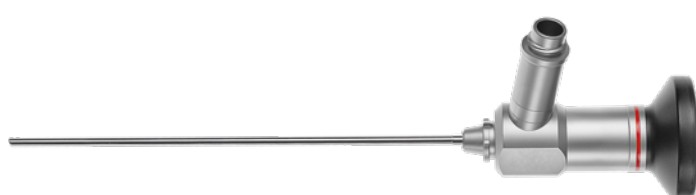
55° curved 410-880-000





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,<br>110mm | 410-880-356 |
| for Ø 3.0mm,<br>140mm | 410-880-387 |



Knife Handle #7

165mm, 6<sup>1/2</sup>"

110-130-077



Knife Handle #3

130mm, 5<sup>1/8</sup>"

110-110-003

**WULLSTEIN**

Raspatory

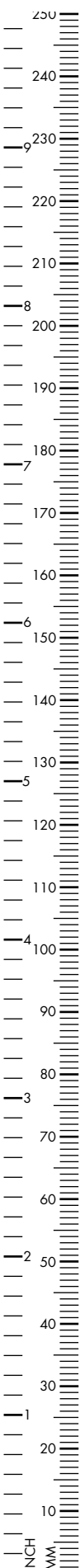
190mm, 7<sup>1/2</sup>"

410-329-190

**BEALES**Raspatory, 165mm, 6<sup>1/2</sup>"

A 410-328-165

B spatula end 410-327-165

**LEMPERT**Raspatory, narrow, 160mm, 6<sup>1/4</sup>"

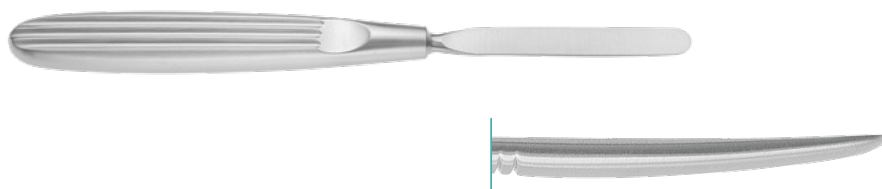
3mm 410-330-160

4mm 410-331-160

**FISCH**

Dura Elevator, 5mm

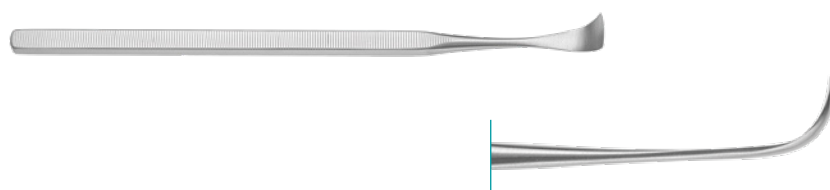
170mm, 6<sup>2/3</sup>" 410-145-170**LEMPERT**Lempert Micro Ear Elevator,  
slightly curved, 2mm160mm, 6<sup>1/4</sup>" 410-334-160

**PLESTER**

Raspatory, 180mm, 7"

8mm

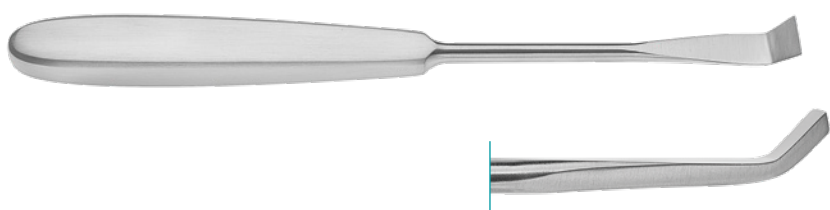
410-146-180

**FISCH**

Raspatory, 180mm, 7"

10mm

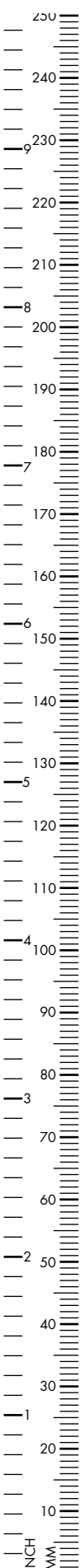
410-147-160



Periosteal Raspatory, 11mm

210mm, 8<sup>1/4</sup>"

410-148-210

**JANSEN**

3x3 prongs, 100mm, 4"

sharp 170-720-100

blunt 170-723-100

**BABY WEITLANER**2x3 teeth, 105mm, 4<sup>1/8</sup>"

sharp 170-748-105

blunt 170-749-105

semi-sharp 170-750-105

**WEITLANER**

3x4 teeth, sharp

165mm, 6<sup>1/2</sup>" 170-750-165

200mm, 8" 170-750-200

**WULLSTEIN**Self-retaining Retractor, 3x3 prongs,  
110mm, 4<sup>1/3</sup>"

sharp 170-752-110

blunt 170-753-110

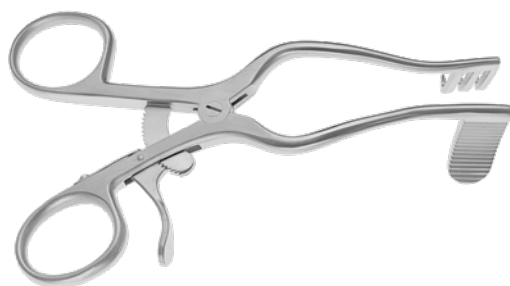
**WULLSTEIN**Self-retaining Retractor, 3x3 prongs,  
130mm, 5<sup>1/8</sup>"

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<sup>1</sup>/<sub>8</sub>"

|                                            |             |
|--------------------------------------------|-------------|
| 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<sup>3</sup>/<sub>4</sub>"

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

|       |             |
|-------|-------------|
| blunt | 170-733-200 |
|-------|-------------|

**RZ**Self-retaining Retractor, articulating joints, 3 x 3 prongs, 170mm, 6<sup>2</sup>/<sub>3</sub>"

|            |             |
|------------|-------------|
| semi-sharp | 170-780-170 |
|------------|-------------|

|       |             |
|-------|-------------|
| sharp | 170-781-170 |
|-------|-------------|

|       |             |
|-------|-------------|
| blunt | 170-782-170 |
|-------|-------------|

**RZ**Self-retaining Retractor, 165mm, 6<sup>1</sup>/<sub>2</sub>"

|                                      |             |
|--------------------------------------|-------------|
| left blade full, right side 3 prongs | 170-780-165 |
|--------------------------------------|-------------|

|                                      |             |
|--------------------------------------|-------------|
| right blade full, left side 3 prongs | 170-781-165 |
|--------------------------------------|-------------|

**HOUSE**

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

|                                         |             |
|-----------------------------------------|-------------|
| left side full blade,<br>right 3 prongs | 170-783-165 |
| right side full<br>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 |
|--------------|-------------|

hinged arms, without valves

|              |             |
|--------------|-------------|
| 171mm spread | 170-906-001 |
|--------------|-------------|



Hook, blunt

|      |             |
|------|-------------|
| 51mm | 170-906-102 |
|------|-------------|

|      |             |
|------|-------------|
| 75mm | 170-906-104 |
|------|-------------|



Hook, with crossbar

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

|      |             |
|------|-------------|
| 75mm | 170-906-108 |
|------|-------------|



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 |
|-----------|-------------|

|           |             |
|-----------|-------------|
| 48 x 66mm | 170-906-145 |
|-----------|-------------|

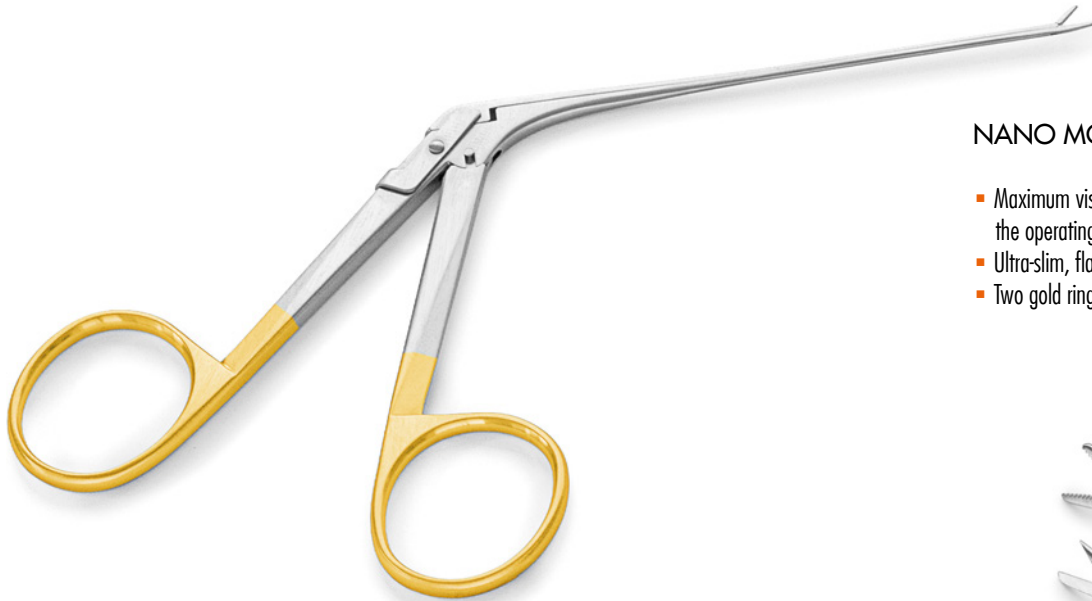


## FINESS MICRO & NANO EAR FORCEPS

### 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



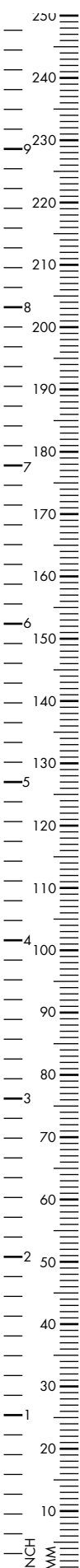
Micro Ear Forceps,  
3.5mm long jaw, serrated

410-800-960



Micro Cup Forceps, 0.6mm

410-800-980

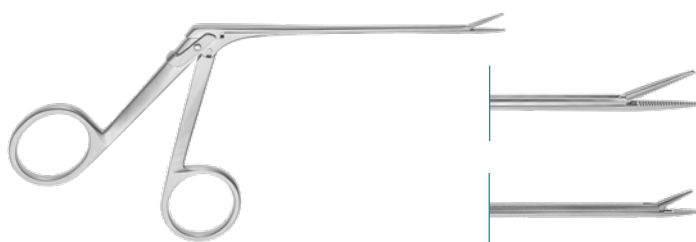
**HARTMANN**

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

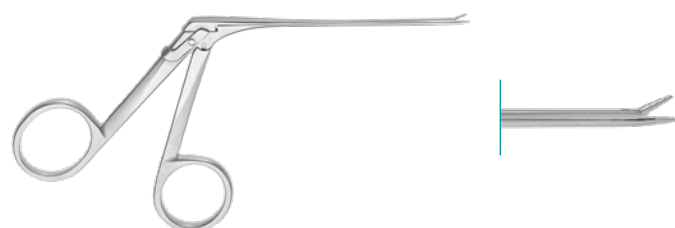
**H** right curved

410-335-600

**HARTMANN**

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

410-330-700



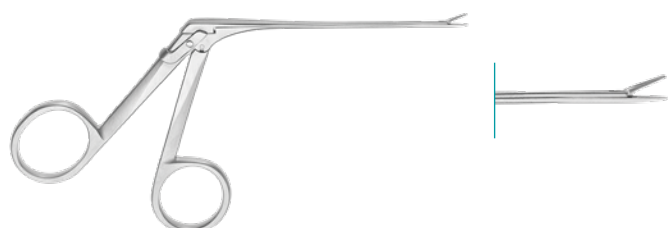
Ear Forceps, 80mm working length,  
Alligator, extra fine, straight

0.8 x 3.0mm jaw 410-330-800

**DUCKBILL-WULLSTEIN**

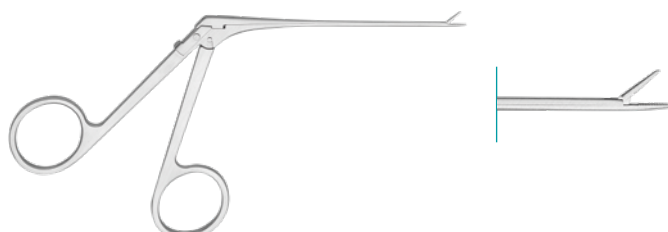
Ear Forceps, extra delicate, smooth jaws

410-330-900

**FISCH**

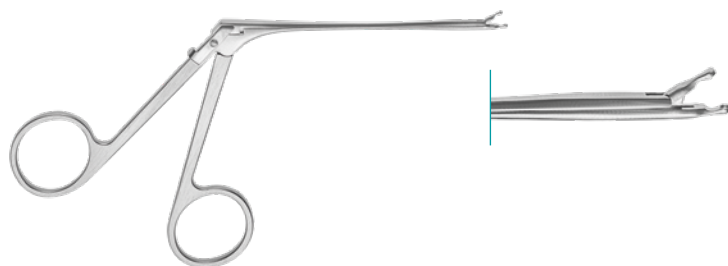
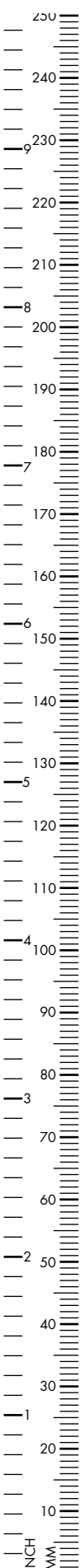
Ear Forceps, very delicate, serrated,  
1.5mm shaft, straight, 80mm working length

0.6 x 4.0mm 410-357-080

**FISCH**

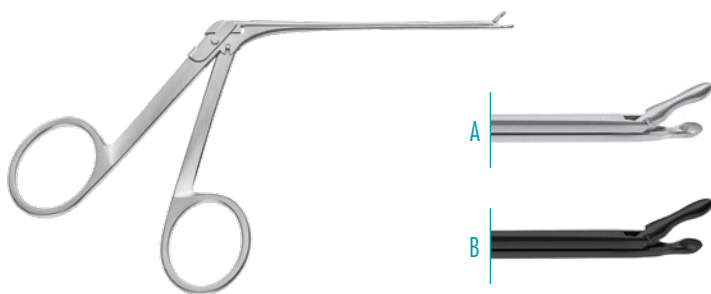
Ear Forceps, very delicate, serrated,  
1.5mm shaft, straight, 80mm working length

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 straight

B CERACUT®

C left curved

D right curved

E upwards curved

F downwards curved

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

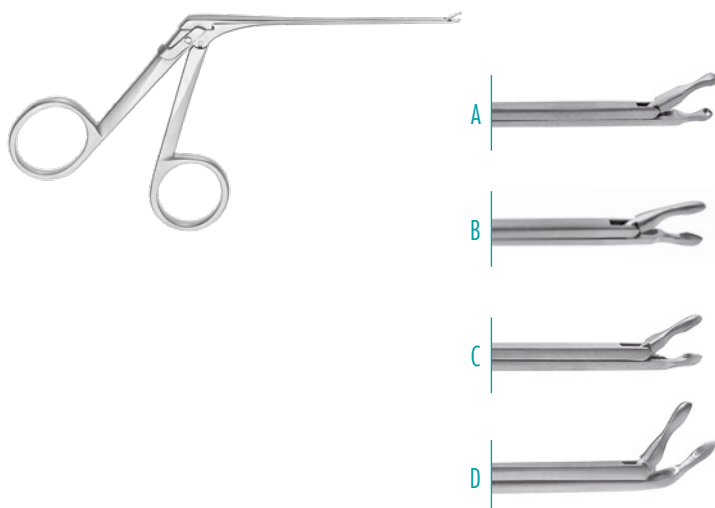


A curved downwards

B curved upwards

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

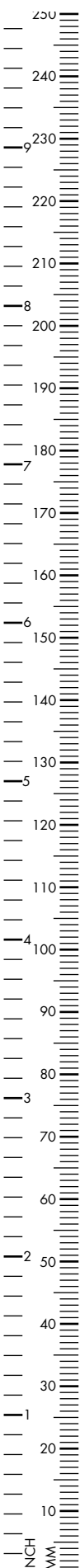
|                   |               |
|-------------------|---------------|
| A stainless steel | 410-350-200   |
| B CeraCut®        | 410-352-080CC |



### BELLUCCI

Micro Ear Scissors, 4mm blade

|                |             |
|----------------|-------------|
| curved upwards | 410-351-700 |
|----------------|-------------|



A

B

C

D

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



A

B

C

D

### 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



A

B

C

### 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

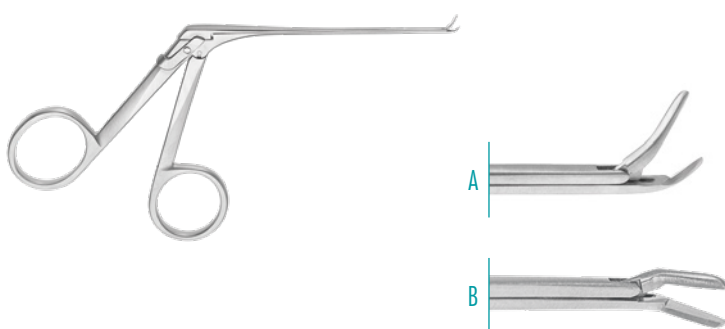
straight 410-351-900



Crurotomy Scissors,  
80mm working length

A opening to left 410-250-001

B opening to right 410-250-002

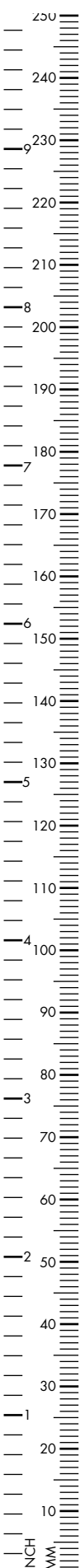
**HOUGH**

Nipper Forceps, angled, fine model

A 45° left 410-365-080

B 45° right 410-366-080

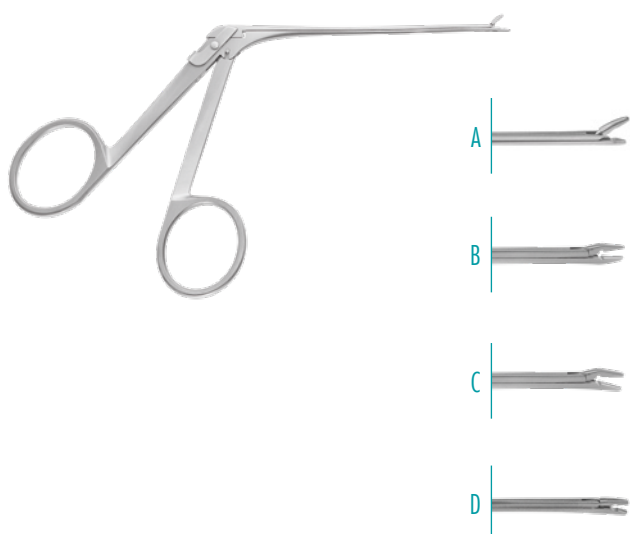


**DIETER**

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

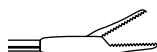
100mm working length 410-208-100

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



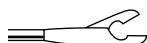
Cup-Shaped Forceps, straight

|               |             |
|---------------|-------------|
| 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

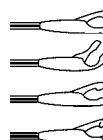
410-343-100



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

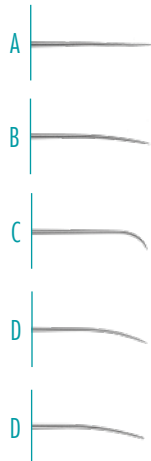
|       |             |
|-------|-------------|
| 0.6mm | 410-800-406 |
| 1.0mm | 410-800-410 |
| 1.5mm | 410-800-415 |
| 2.0mm | 410-800-420 |
| 2.3mm | 410-800-423 |
| 2.5mm | 410-800-425 |

### 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 |

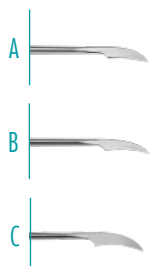
# **FINESS** MICRO ROUND-HANDLE INSTRUMENTS



## WULLSTEIN

### Micro Needle

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



## WULLSTEIN

### Sickle Knife

|                                    |             |
|------------------------------------|-------------|
| <b>A</b> slightly curved           | 410-800-710 |
| <b>B</b> slightly curved, delicate | 410-800-720 |
| <b>C</b> strongly curved           | 410-800-730 |



### Incudostapedial Joint Knife

|            |             |
|------------|-------------|
| 20°, 2.2mm | 410-800-722 |
|------------|-------------|

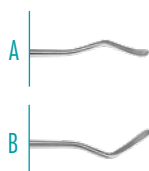


## PLESTER

### Flap Knife, vertical, oval

|             |             |
|-------------|-------------|
| 3.5 x 2.5mm | 410-800-732 |
|-------------|-------------|

# **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 |
|-------|-------------|

**MOD. TÜBINGEN**Measuring Instrument for Stapes  
Prosthesis with ball tip

|       |             |
|-------|-------------|
| 4.5mm | 410-138-045 |
|-------|-------------|

**THOMASSIN**

Dissector, single curved, double ended

|           |             |
|-----------|-------------|
| 180mm, 7" | 410-800-901 |
|-----------|-------------|

**THOMASSIN**

Dissector, double curved, double ended

|           |             |
|-----------|-------------|
| 190mm, 7" | 410-800-902 |
|-----------|-------------|



Fig.00



Fig.0

**BUCK**

Aural Curette

Fig. 00 410-103-000

Fig. 0 410-103-001

**PLESTER**Flap Knife, round cutting, 160mm, 6<sup>1/4</sup>"

2.4 x 3.0mm 410-124-160

2.4 x 3.5mm 410-092-001



A



B

**PLESTER**Sickle Knife, 160mm, 6<sup>1/4</sup>"

A slightly curved 410-101-160

B straight 410-100-160

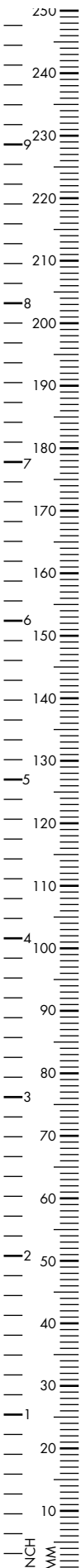
**THOBURN**

Sickle Knife, curved

160mm, 6<sup>1/4</sup>" 410-103-160**BEALES**

Tendon Knife

170mm, 6<sup>2/3</sup>" 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, 6<sup>1</sup>/<sub>4</sub>"

410-093-160

**SEIFFERT**

Salivial 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

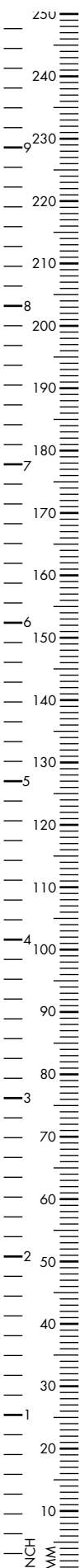
155mm, 6 1/8"

410-000-155

**BEALES**

Elevator, 1.5mm

410-130-182

**HUGHES**

Stapes Mobilizer

165mm, 6<sup>1</sup>/<sub>2</sub>"

410-216-165

**HUGHES**

Elevator, 0.6mm

165mm, 6<sup>1</sup>/<sub>2</sub>"

410-216-166

**HOUSE**Stapes Elevator, slightly angled, 12mm,  
1mm wide160mm, 6<sup>1</sup>/<sub>4</sub>"

410-135-050

**ROSEN**

Elevator, round edge, slightly curved, 1.8mm

160mm, 6<sup>1/4</sup>" 410-135-051Graft holder and elevator,  
2 x 6mm160mm, 6<sup>1/4</sup>" 410-135-048Eardrum Mirror, 160mm, 6<sup>1/4</sup>"

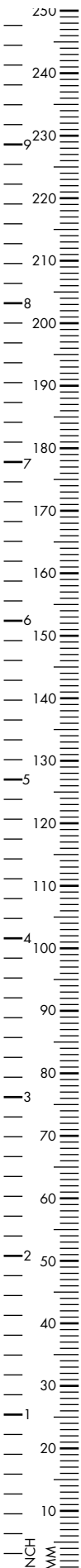
Ø 3mm 410-141-163

Ø 5mm 410-141-165



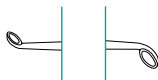
Seeker, 45°, angled

155mm, 6<sup>1/8</sup>" 410-150-155

**SHEA**

Curette for tympanoplasty, sharp, oval cup, upwards cutting, 1.5 x 2.5mm, 160mm, 6<sup>1</sup>/<sub>4</sub>"

|           |             |
|-----------|-------------|
| 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**

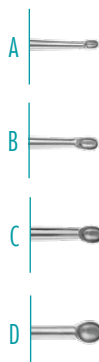
Curette, 20° curved  
150mm, 6"

|                                |             |
|--------------------------------|-------------|
| 2.2 x 3.8mm /<br>2.4 x 4.8mm   | 410-044-006 |
| 2.6 x 3.5mm /<br>2.8 x 3.2mm   | 410-044-007 |
| 0.6 x 0.8mm /<br>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 <sup>2</sup> / <sub>3</sub> " | 410-044-008 |
|----------------------------------------|-------------|

**HOUSE**

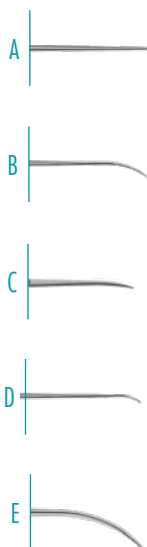
Double Spoon, slightly curved,  
170mm, 6<sup>2/3</sup>"

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

**HOUSE-STAPES**

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

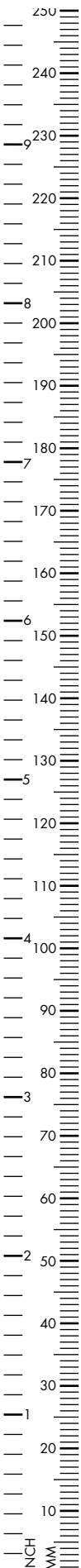
|                           |             |
|---------------------------|-------------|
| 170mm, 6 <sup>2/3</sup> " | 410-044-150 |
|---------------------------|-------------|



Micro Needle (perforator), 160mm, 6<sup>1/4</sup>"

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



**ROSEN**Round Cutting Knife, straight, 160mm, 6<sup>1/4</sup>"

|       |             |
|-------|-------------|
| 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, 6<sup>1/4</sup>"  
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<sup>1/4</sup>" 410-216-160**PLESTER**

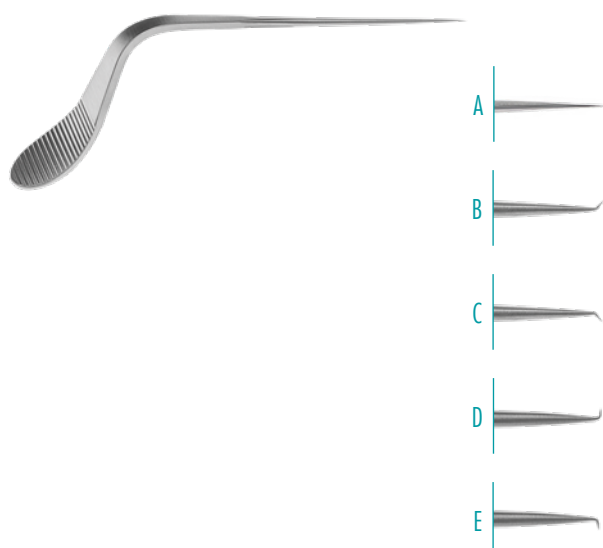
Aural scraper, 60° angled, 2.0mm

160mm, 6<sup>1/4</sup>" 410-120-020**HEERMANN**

Hook, reverse cutting, 0.6mm

160mm, 6<sup>1/4</sup>" 410-216-006

Micro Hook, slightly angled up tip

160mm, 6<sup>1/4</sup>" 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

**WULLSTEIN**Micro Hook,  
160mm, 6<sup>1</sup>/<sub>4</sub>"**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-COLOR**Micro Hook,  
160mm, 6<sup>1</sup>/<sub>4</sub>"**90°**

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

**45°**

|                        |             |
|------------------------|-------------|
| 1.0mm,<br>5 cyan rings | 410-115-161 |
| 0.2mm,<br>1 cyan ring  | 410-115-162 |
| 0.4mm,<br>2 cyan rings | 410-115-164 |
| 0.6mm,<br>3 cyan rings | 410-115-166 |
| 0.8mm,<br>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



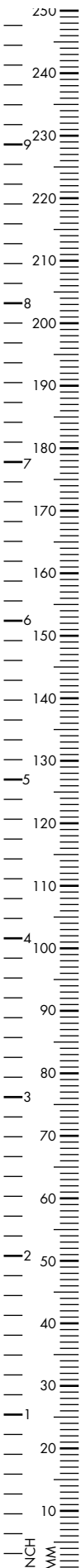
retrograde angled upwards

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



retrograde angled downwards

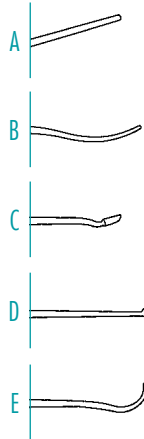
|       |             |
|-------|-------------|
| 0.5mm | 410-116-305 |
| 1.0mm | 410-116-310 |

**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

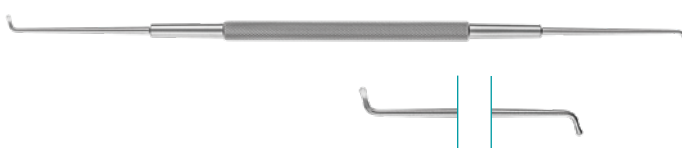
single curved, right 410-135-063

**FISCH**

Dissector, 160mm, 6 1/4"

single curved right 410-017-001

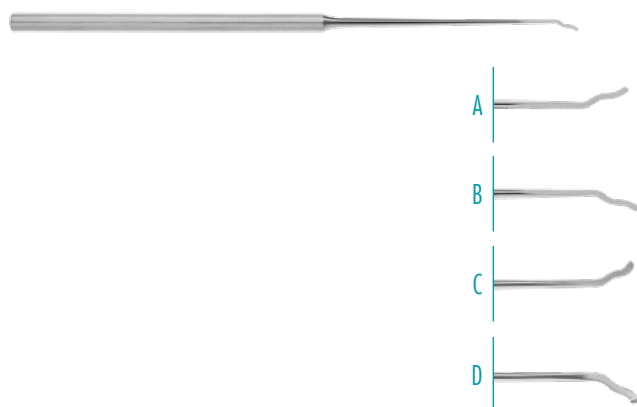
single curved, left 410-017-002

**THOMASSIN**

Dissector, double ended, double curved

180mm, 7"

410-162-180

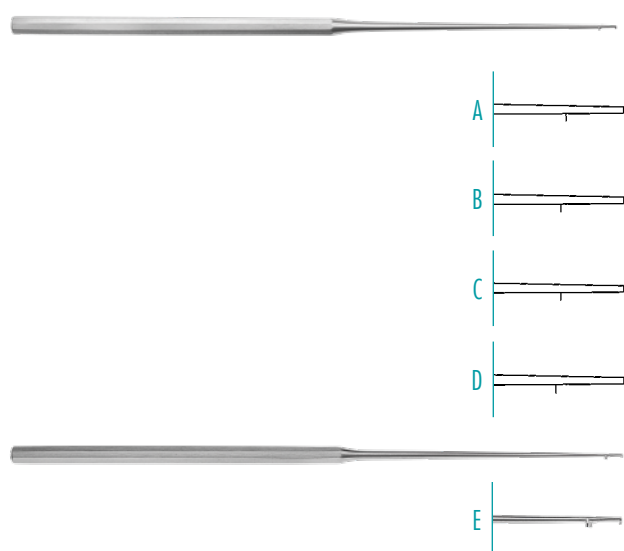
**WHIRLY-BIRD**

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, 6<sup>1</sup>/<sub>4</sub>"

|              |             |
|--------------|-------------|
| 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<br>3.5 / 4.0 / 4.5mm | 410-142-166 |
|---------------------------|-------------|

**FISCH**

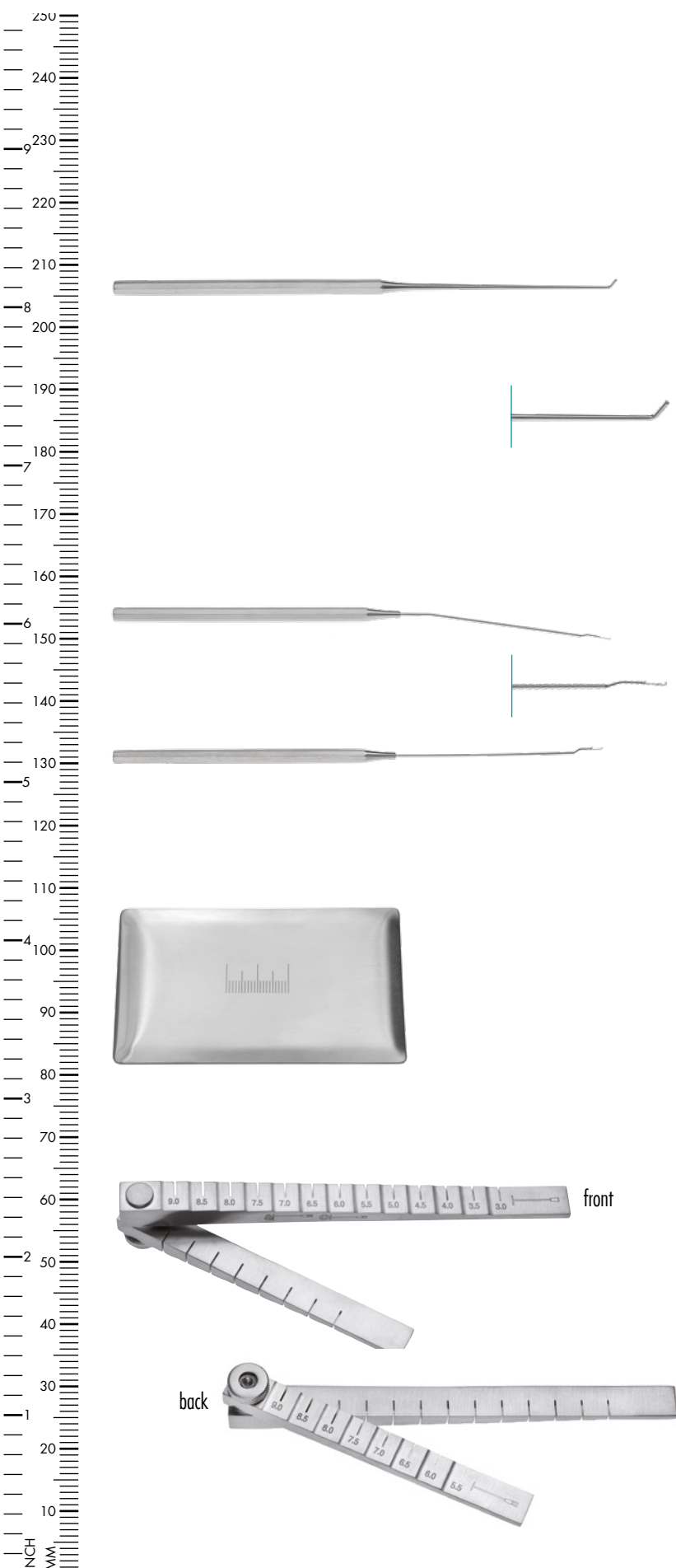
Caliper, 165mm, 6<sup>1</sup>/<sub>2</sub>"

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

**FISCH**

Perforator, 165mm, 6<sup>1</sup>/<sub>2</sub>"

|       |             |
|-------|-------------|
| 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, 6<sup>1</sup>/<sub>4</sub>"

|       |             |
|-------|-------------|
| 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, 6<sup>1</sup>/<sub>4</sub>"

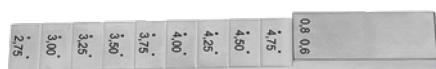
|          |             |
|----------|-------------|
| curved   | 410-142-161 |
| straight | 410-142-160 |

Preparation tray with mm scale,  
stainless steel

|           |             |
|-----------|-------------|
| 92 x 54mm | 410-143-000 |
|-----------|-------------|

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

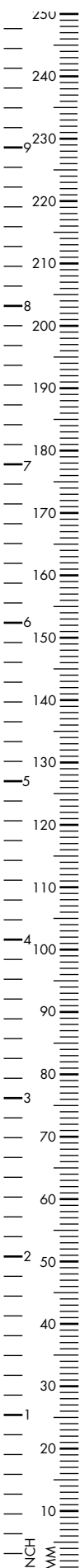


Micro measuring probe for stapedectomy and tympanoplasty, 180mm, 7"

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, 7<sup>3</sup>/<sub>4</sub>" 410-144-200

**SCHUKNECHT**

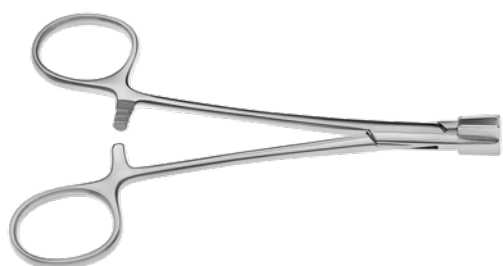
Bending Device for Stapes Prosthesis

410-145-000

**SHEA**

Vein Press

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



Vein Graft, press forceps, smooth square jaws  
130mm, 5<sup>1/8</sup>"

|                           |             |
|---------------------------|-------------|
| 12x15mm                   | 410-154-130 |
| 160mm, 6 <sup>1/4</sup> " |             |
| 11x14mm                   | 410-154-160 |
| 180mm, 7"                 |             |
| 11x14mm                   | 410-154-180 |
| 22x30mm                   | 410-156-180 |
| 30x30mm                   | 410-155-180 |

**WÜRZBURG**

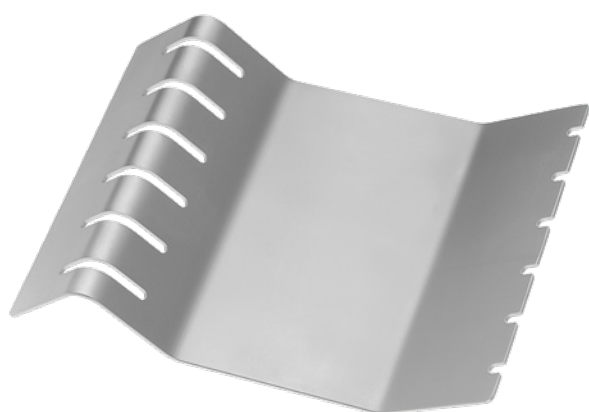
Rock leg holder, completely detachable

410-905-000



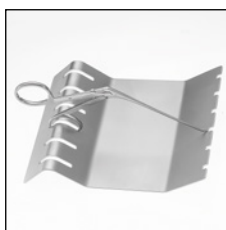
Micro Container with lid and bottom  
perforation, with textile «Longterm» filter

|                  |             |
|------------------|-------------|
| 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 |



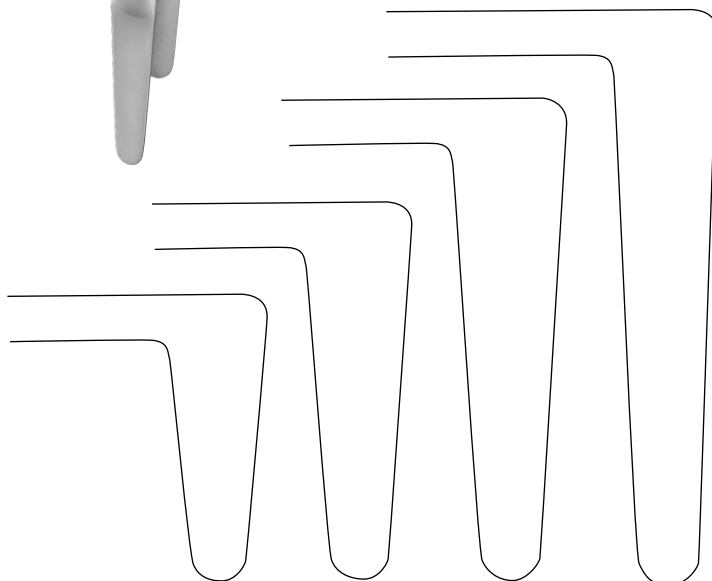
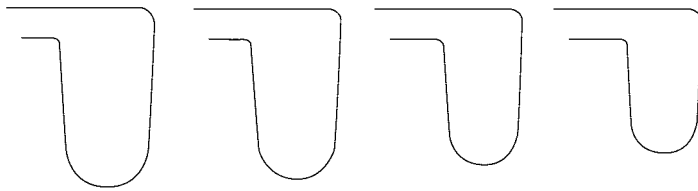
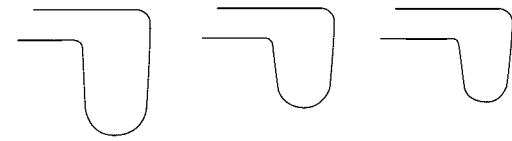
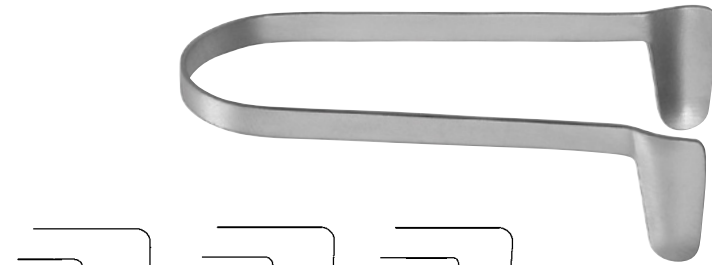
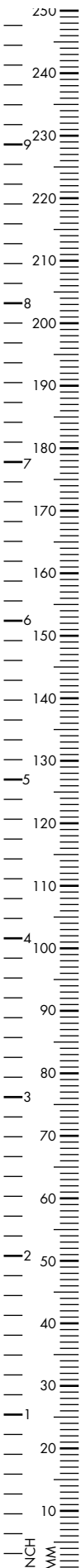
Instrument Rack for 6 ear forceps

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 |

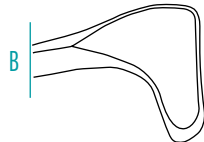
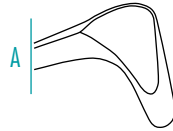
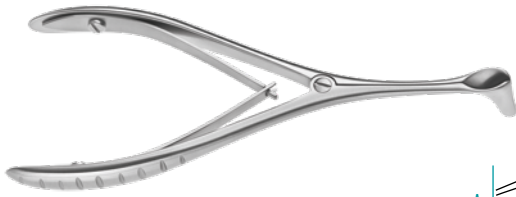
insulated

|               |             |
|---------------|-------------|
| 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 |

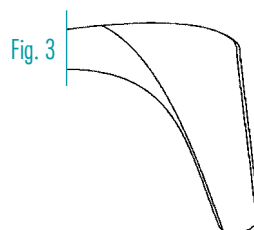
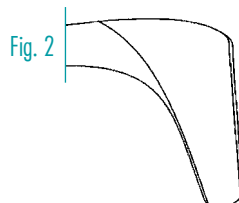
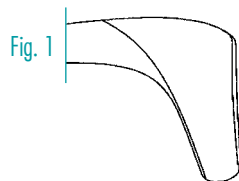
**TIECK-HALLE**Nasal Specula, 135mm, 5<sup>1</sup>/<sub>3</sub>"

|   |                 |             |
|---|-----------------|-------------|
| A | Infants, 17.5mm | 420-140-135 |
|---|-----------------|-------------|

|   |                  |             |
|---|------------------|-------------|
| B | Children, 21.0mm | 420-142-135 |
|---|------------------|-------------|

**BECKMANN**Nasal Specula, Infants, curved sideways,  
17.5mm

|                                        |             |
|----------------------------------------|-------------|
| 130mm, 5 <sup>1</sup> / <sub>8</sub> " | 420-147-140 |
|----------------------------------------|-------------|

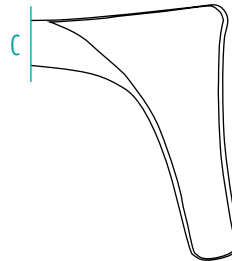
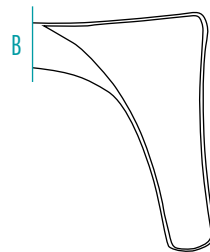
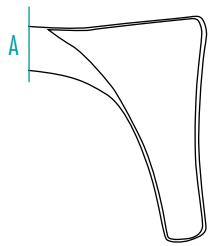
**BECKMANN**

Nasal Specula, 150mm, 6"

|        |      |             |
|--------|------|-------------|
| Fig. 1 | 22mm | 420-148-150 |
|--------|------|-------------|

|        |      |             |
|--------|------|-------------|
| Fig. 2 | 25mm | 420-146-152 |
|--------|------|-------------|

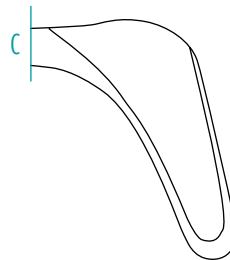
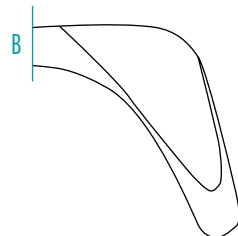
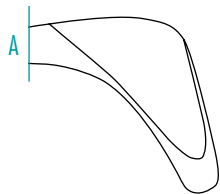
|        |      |             |
|--------|------|-------------|
| Fig. 3 | 28mm | 420-146-153 |
|--------|------|-------------|

**HARTMANN**Nasal Specula, 160mm, 6<sup>1</sup>/<sub>4</sub>"

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, 6<sup>1</sup>/<sub>8</sub>"

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

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

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

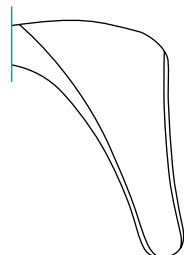
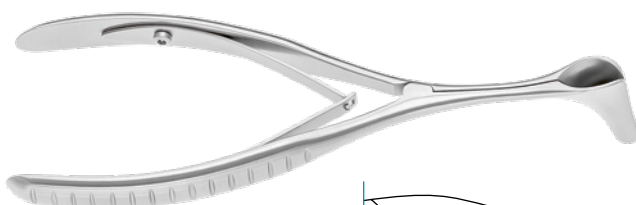
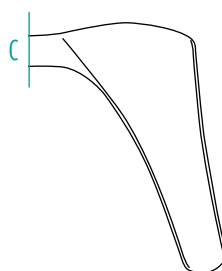
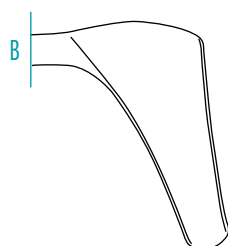
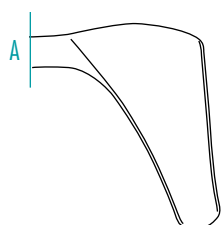
**HARTMANN-HALLE**Nasal Speculum, tapered blade, aseptic joint, 155mm, 6<sup>1</sup>/<sub>8</sub>"

Fig. 2, 33mm 420-124-033

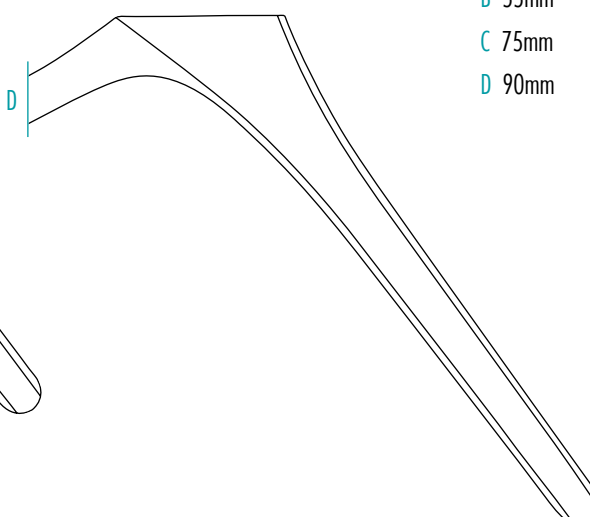
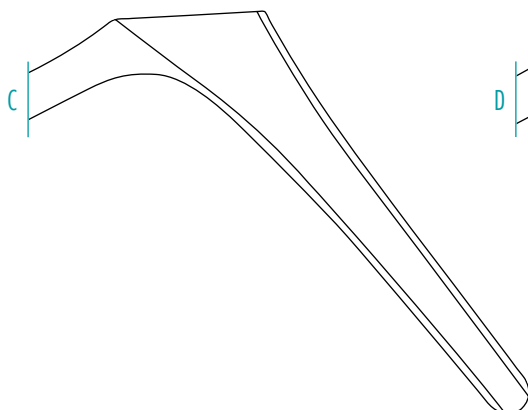
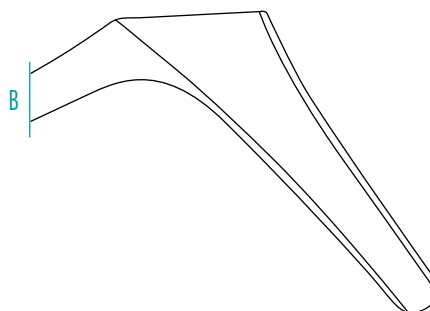
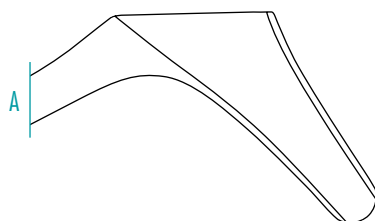
**MOD. VIENNA**

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

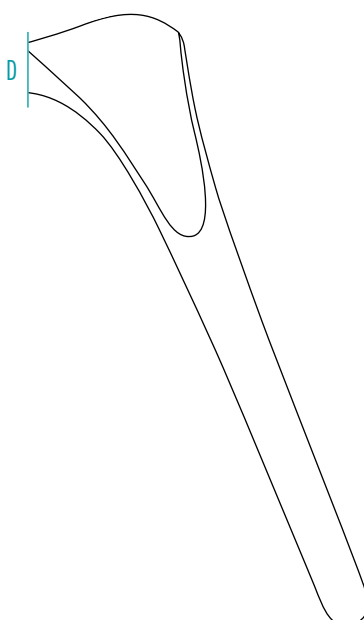
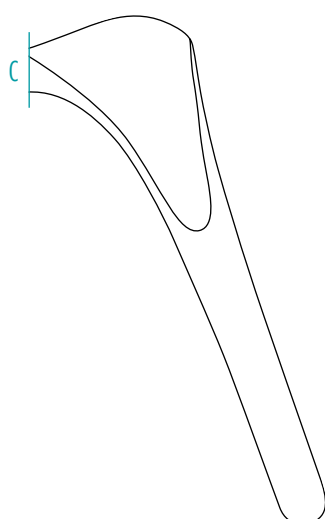
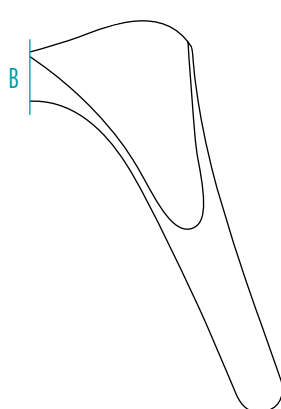
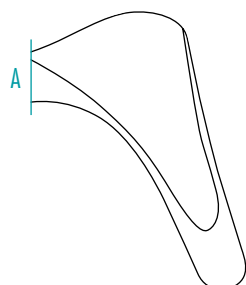
**A** 40mm 420-146-040

**B** 55mm 420-146-055

**C** 75mm 420-146-075

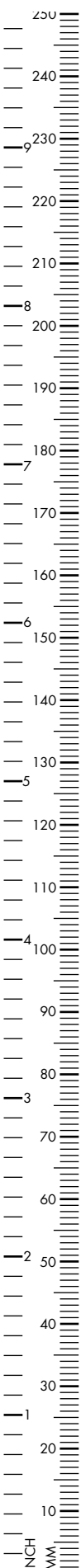
**D** 90mm 420-146-090

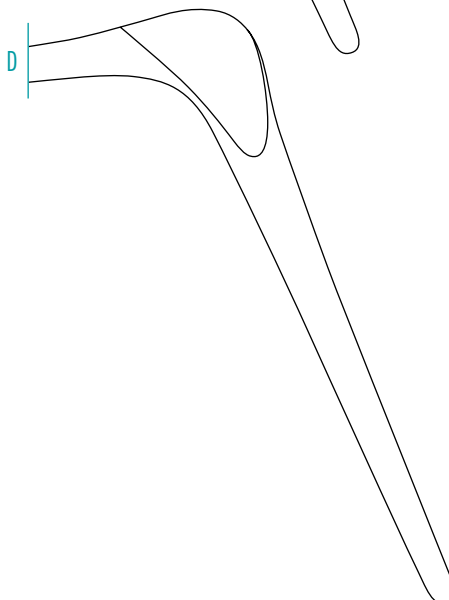
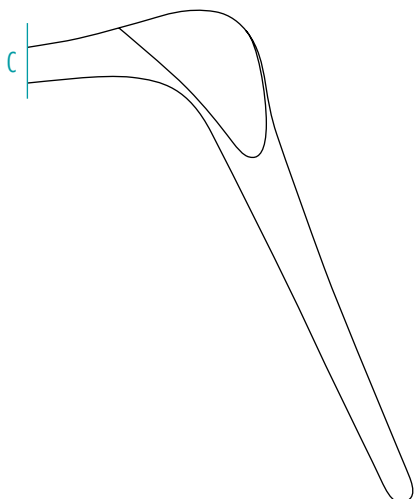
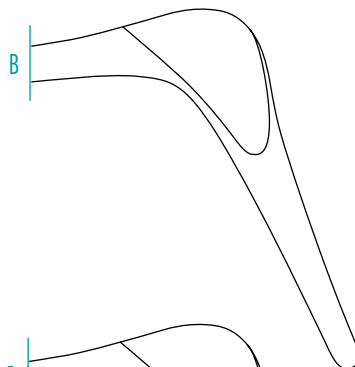
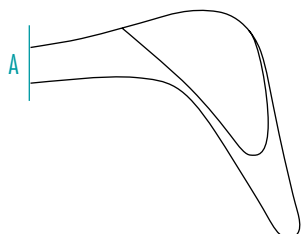


**KILLIAN**

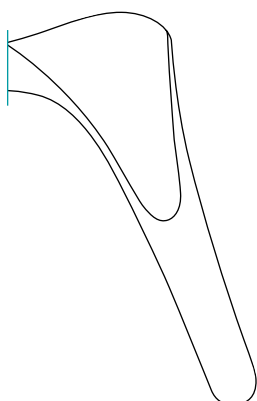
Nasal Speculum, aseptic joint, 140mm, 5 1/2"

|               |             |
|---------------|-------------|
| <b>A</b> 40mm | 420-143-040 |
| <b>B</b> 55mm | 420-143-055 |
| <b>C</b> 75mm | 420-143-075 |
| <b>D</b> 90mm | 420-143-090 |



**COTTLE**Nasal Speculum, aseptic joint, 130mm, 5<sup>1</sup>/<sub>8</sub>"

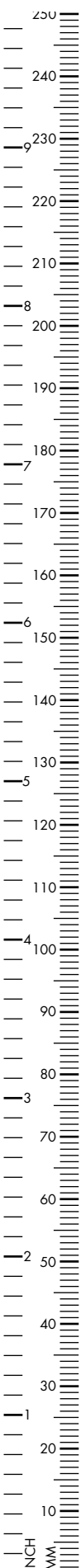
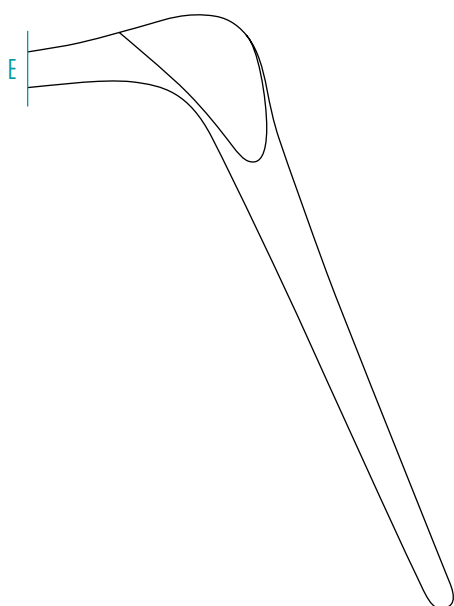
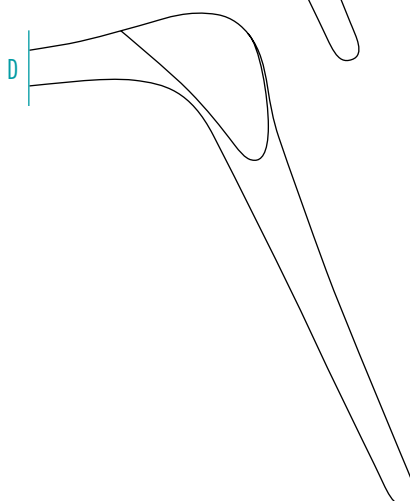
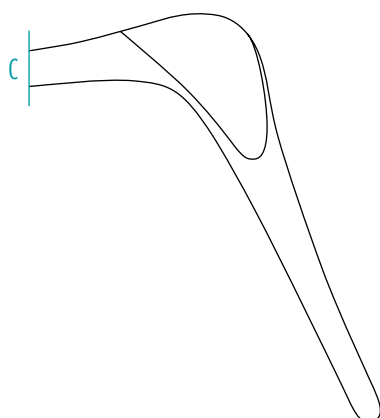
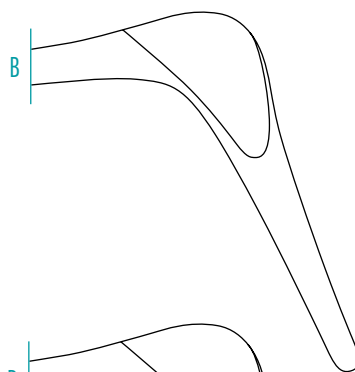
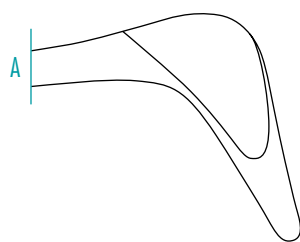
|        |             |
|--------|-------------|
| A 35mm | 420-132-035 |
| B 50mm | 420-132-055 |
| C 75mm | 420-132-075 |
| D 90mm | 420-132-090 |

**KILLIAN-WALTER**Nasal Speculum, thin blades, aseptic joint,  
140mm, 5<sup>1</sup>/<sub>2</sub>"

|      |             |
|------|-------------|
| 55mm | 420-138-055 |
|------|-------------|

**COTTLE**Nasal Speculum, aseptic joint, 130mm, 5<sup>1</sup>/<sub>8</sub>"

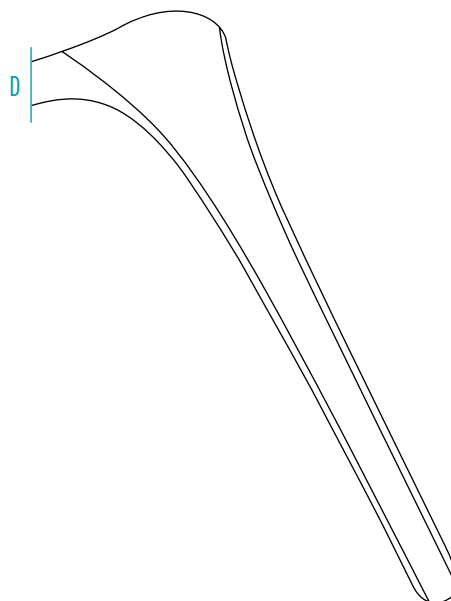
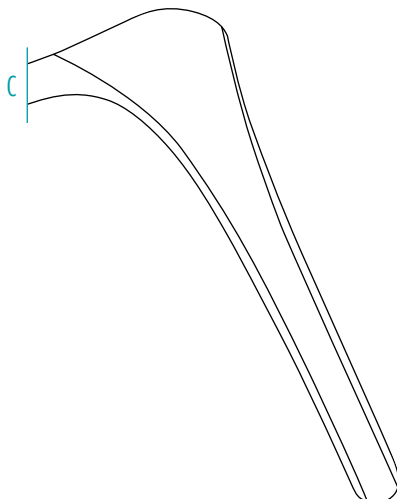
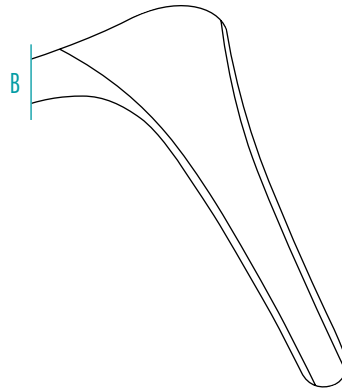
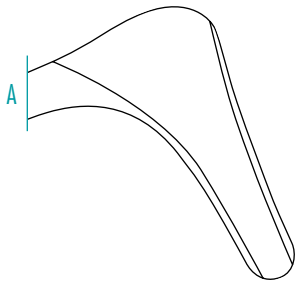
|        |             |
|--------|-------------|
| A 35mm | 420-135-035 |
| B 55mm | 420-135-055 |
| C 65mm | 420-135-065 |
| D 75mm | 420-135-075 |
| E 90mm | 420-135-090 |

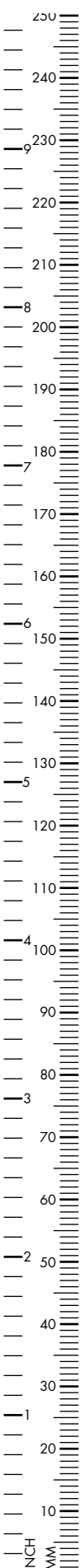


**COTTLE**

Nasal Speculum, aseptic joint,  
with detachable cold light carrier,  
140mm, 5<sup>1</sup>/<sub>2</sub>"

|        |             |
|--------|-------------|
| 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**

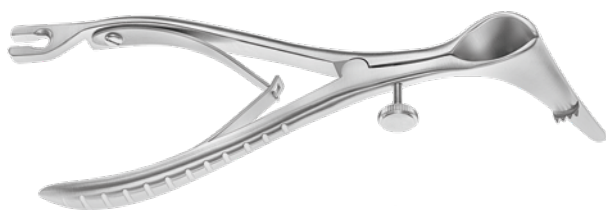


**E**

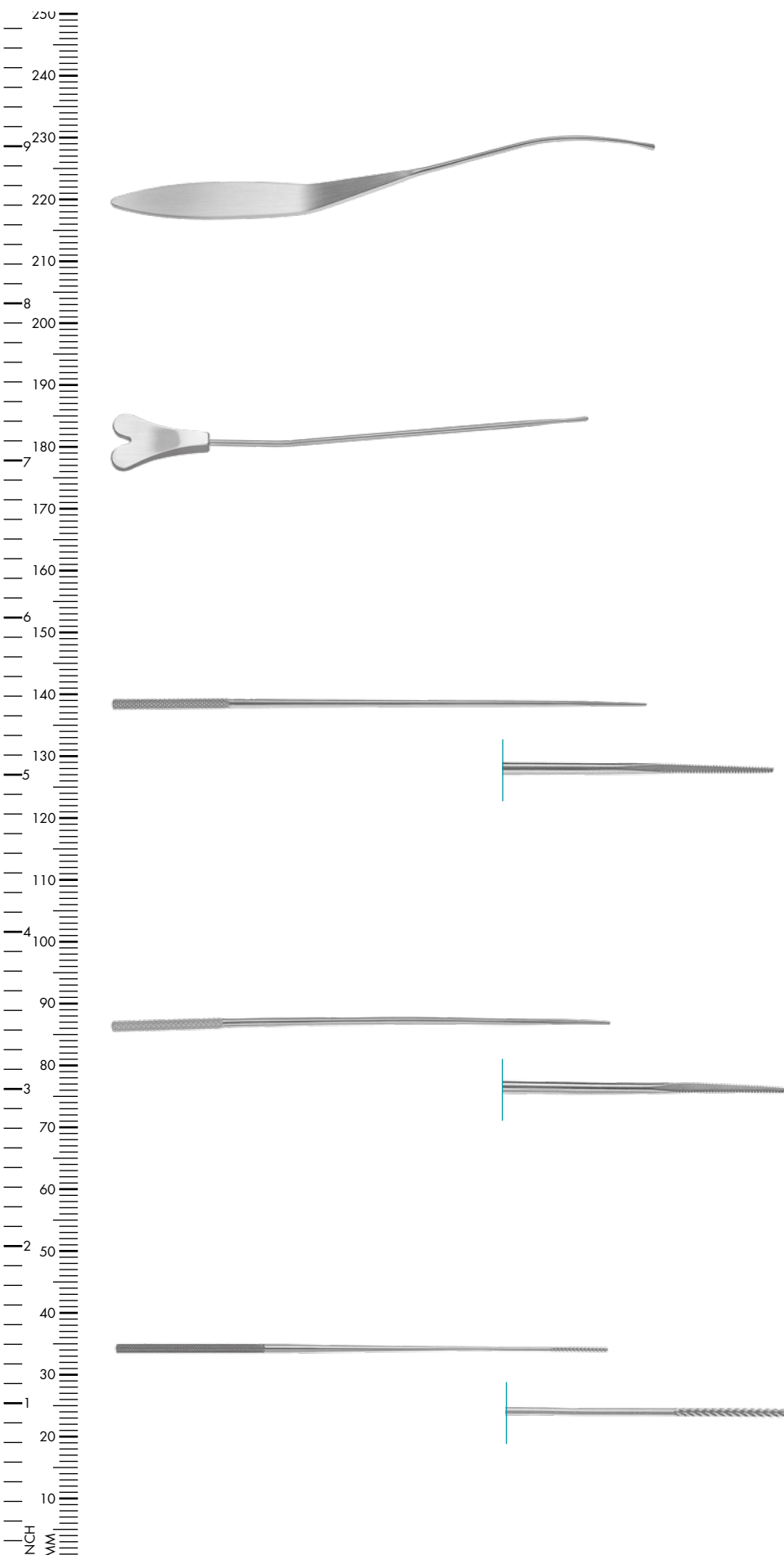
**COTTLE MASING**

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

**FARRELL**Applicator, 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<sup>1/4</sup>" 410-395-160



### GRUENWALD

Nasal Dressing Forceps, bayonet shaped,  
serrated jaws

200mm, 8" 410-389-190

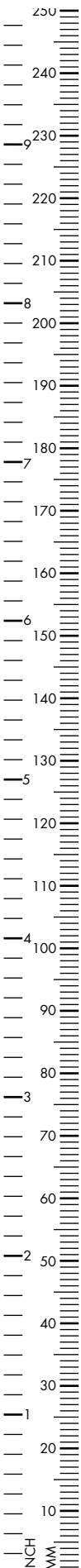


### TROELTSCH (WILDE)

Nasal Dressing Forceps, knee bent

170mm, 6<sup>2/3</sup>" 420-375-165



Suction Tube, 165mm, 6<sup>1</sup>/<sub>2</sub>"

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

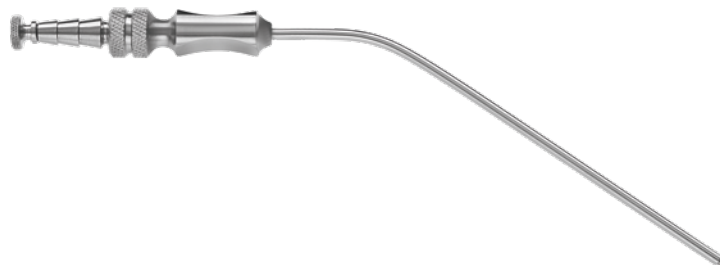
Suction Tube, 195mm, 7<sup>2</sup>/<sub>3</sub>"

|         |             |
|---------|-------------|
| Ø 4.5mm | 410-195-045 |
|---------|-------------|

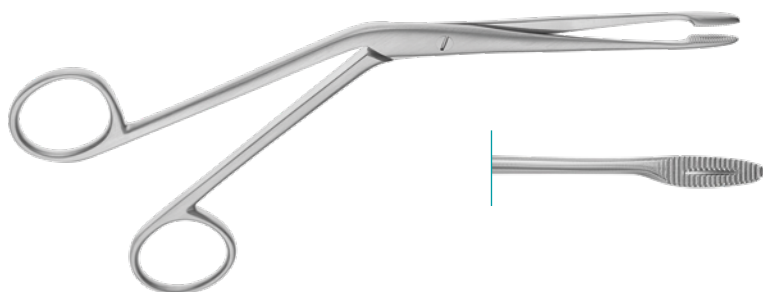


Nasal Suction Tube, Ø5mm, Ø6.5mm tip

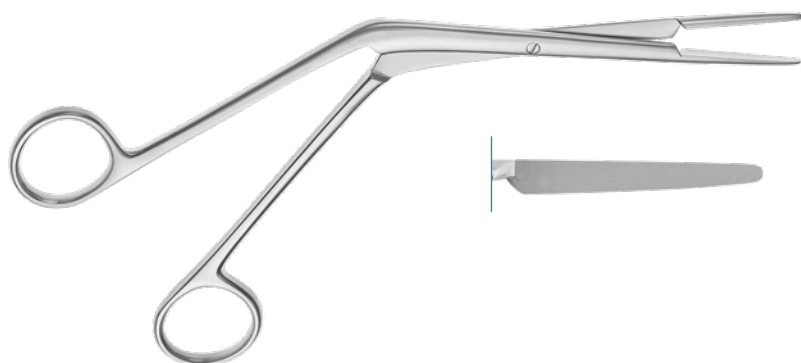
|           |             |
|-----------|-------------|
| 180mm, 7" | 165-064-160 |
|-----------|-------------|

**FRAZIER**Suction Tube, 190mm, 7<sup>1</sup>/<sub>2</sub>"

|                    |             |
|--------------------|-------------|
| 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 |

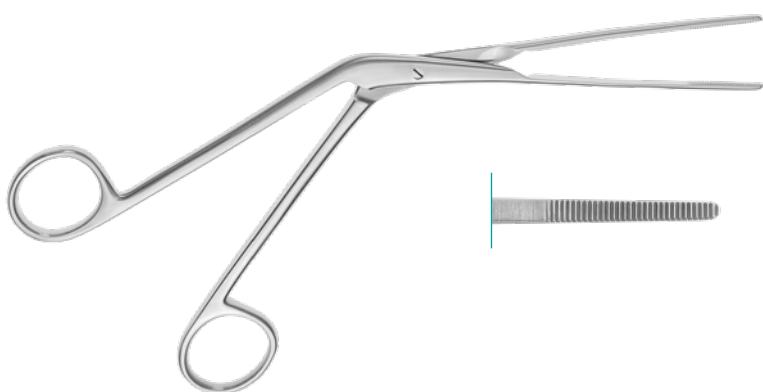
**HARTMANN**

Nasal Dressing Forceps

215mm, 8<sup>1/2</sup>" 420-211-200175mm, 6<sup>7/8</sup>" 420-211-160**LUBET-BARBON**

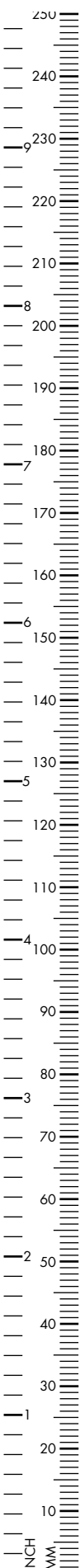
Polypus Forceps, smooth jaws

200mm, 8" 420-210-200

**WEST**

Nasal Dressing Forceps

200mm, 8" 420-411-200



**YANKAUER**  
Nasal Dressing Forceps

420-210-175



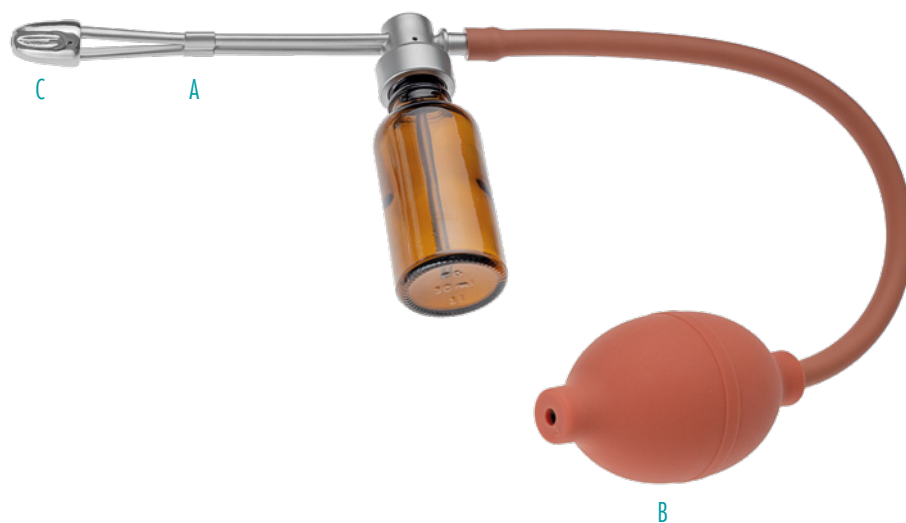
**TILLEY**  
Nasal Dressing Forceps, serrated

130mm, 6<sup>1</sup>/<sub>4</sub>" 410-232-140



**STRUEMPEL**  
Forceps, 2.5mm spoon

130mm, 6<sup>1</sup>/<sub>4</sub>" 410-338-234



Universal Atomizer, complete set

410-228-000

A Liquid Atomizer only

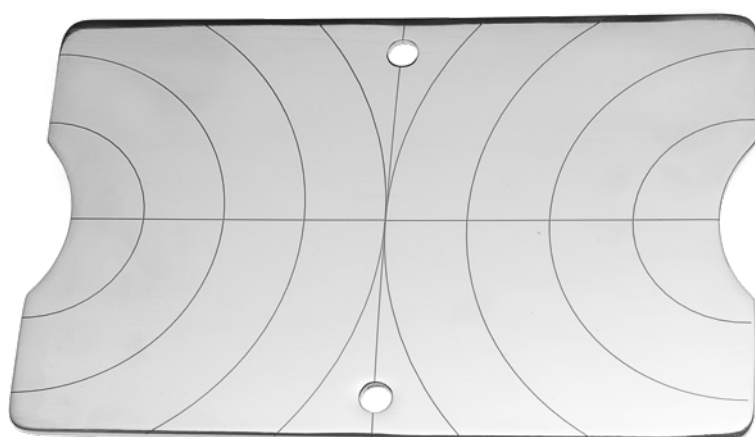
410-228-050

B Rubber Bulb only

410-228-100

C Nose Guard only

410-228-010

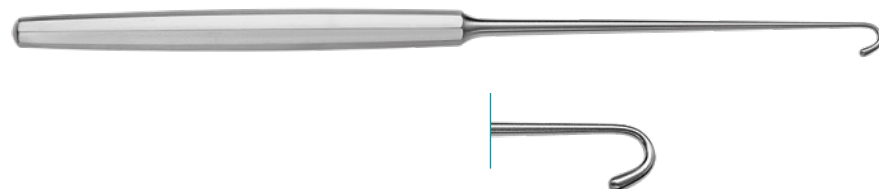


**GLATZEL**

Nasal Mirror, 200 x 130mm

200 x 130mm

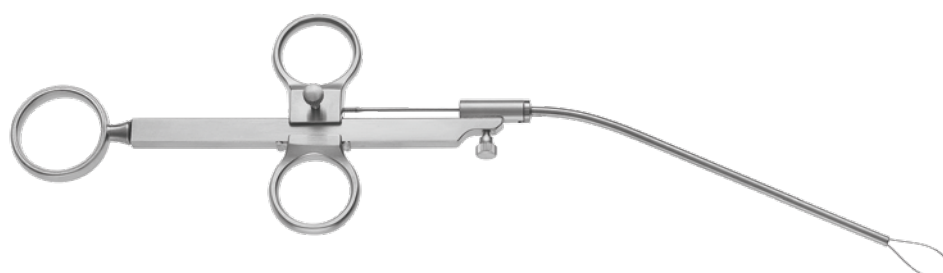
420-001-000

**LANGE**

Choana hook

230mm, 9"

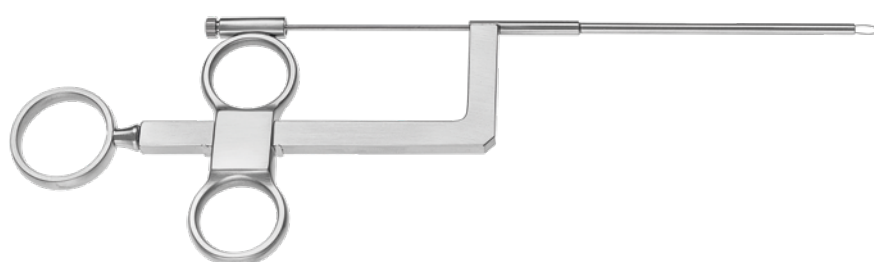
420-413-230

**KRAUSE**

Nasal Polypus Snare, knee bent

250mm, 9<sup>7</sup>/<sub>8</sub>"

420-201-260

**WILDE**

Nasal Polypus Snare, bayonet shaped

250mm, 9<sup>7</sup>/<sub>8</sub>"

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

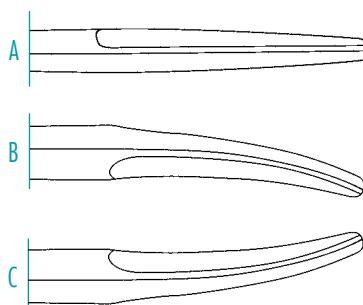
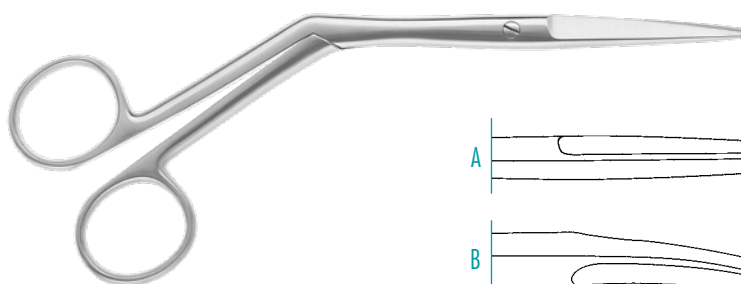


### HEYMAN KNIGHT

Nasal Scissors, knee bent

180mm, 7"

120-283-180



### HEYMANN

Nasal Scissors, serrated upper blade,  
190mm, 7<sup>1/2</sup>"

A straight 120-284-180

B right curved 120-287-180

C left curved 120-285-180

**HEYMANN**

TC Nasal Scissors, straight, serrated

195mm, 7<sup>3</sup>/<sub>4</sub>"

120-585-180

**KIRSTEIN**

Nasal Scissors, serrated

180mm, 7"

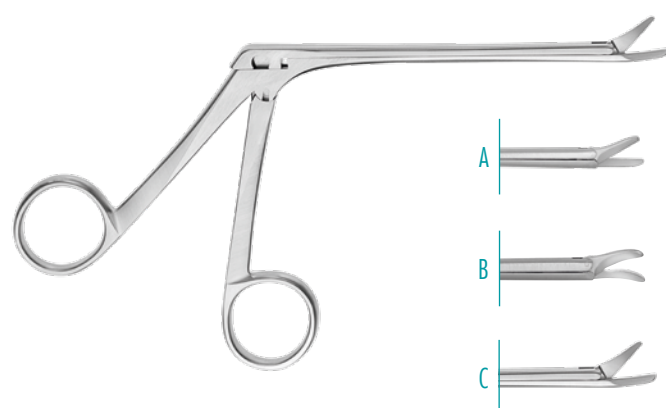
120-285-175

**OLIVECRONA**

Nasal Scissors, serrated

230mm, 9"

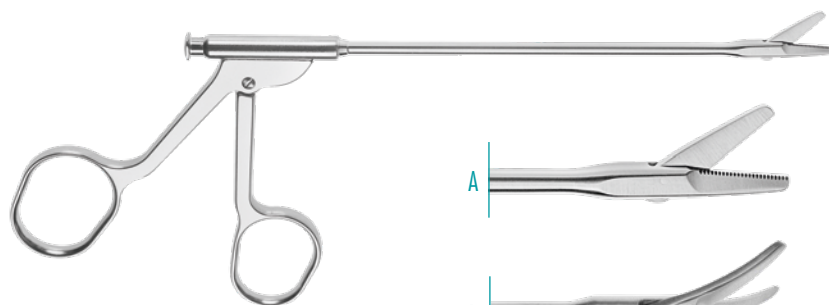
120-208-230

Nasal Scissors, serrated upper blade,  
120mm, 4<sup>3</sup>/<sub>4</sub>"

A straight 420-414-120

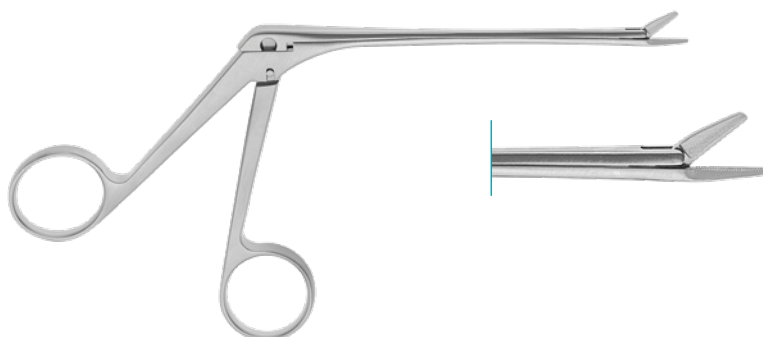
B right curved 420-415-120

C left curved 420-416-120



Nasal Scissors, Ø 3.5mm  
130mm, 5<sup>1/8</sup>"

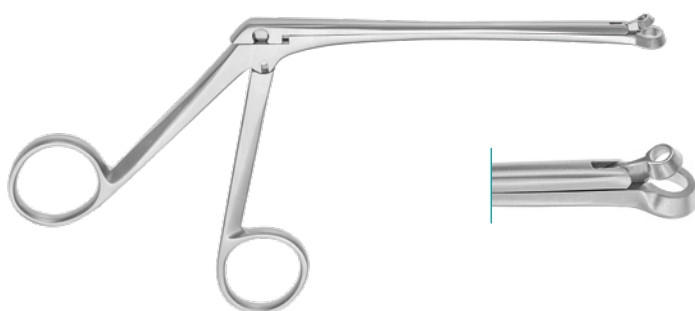
|                |             |
|----------------|-------------|
| A straight     | 252-023-130 |
| B left curved  | 252-024-130 |
| C right curved | 252-025-130 |
| D curved up    | 252-026-130 |



### ZÜRICH

Scissors, small

|                           |             |
|---------------------------|-------------|
| 120mm, 4 <sup>3/4</sup> " | 420-414-115 |
|---------------------------|-------------|

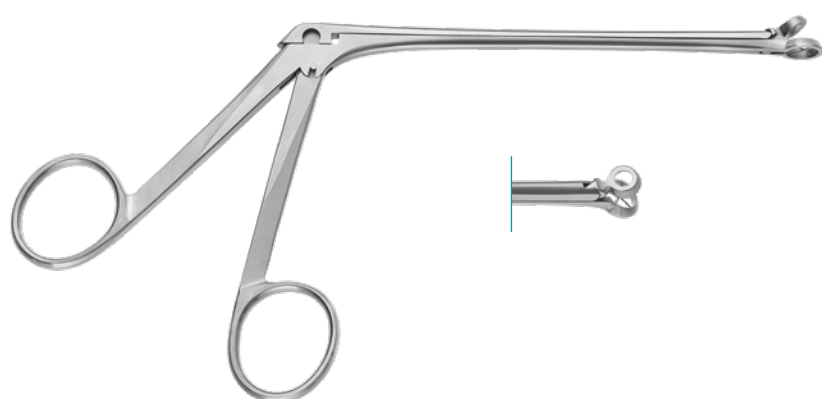


### HARTMANN

Nasal Cutting Forceps, through-cutting,  
120mm, 4<sup>3/4</sup>"

|      |             |
|------|-------------|
| 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, 5<sup>1</sup>/<sub>2</sub>"

Fig. 1, 7mm 420-401-001

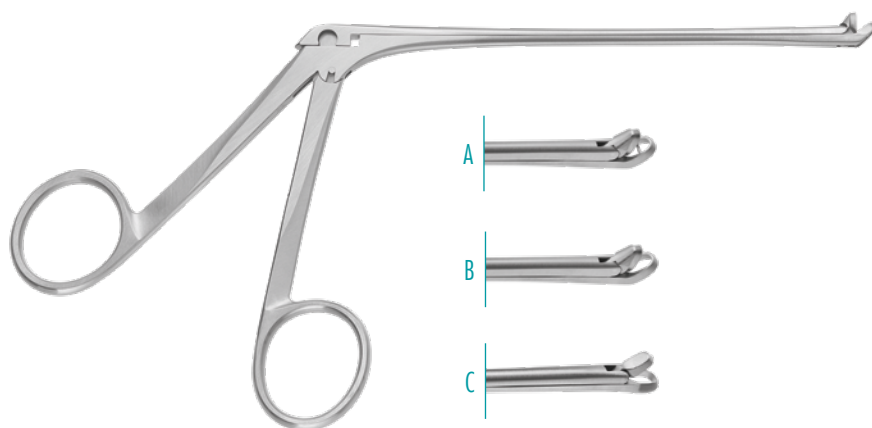
Fig. 2, 8mm 420-401-002

**GRUENWALD-HENKE**

Nasal Cutting Forceps, through-cutting,  
120mm, 4<sup>3</sup>/<sub>4</sub>"

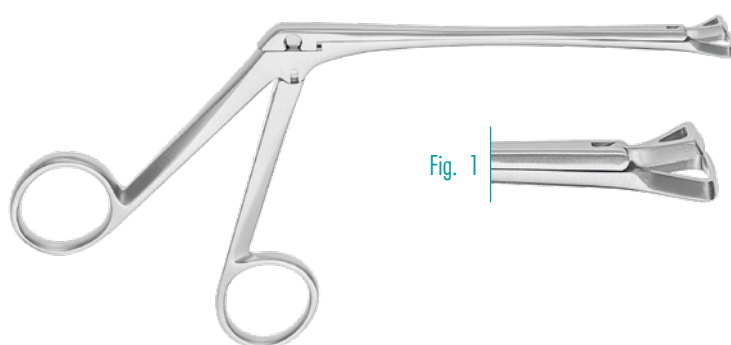
Fig. 1,  
3.5 x 11mm 420-405-120

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<sup>3/4</sup>"

420-409-120

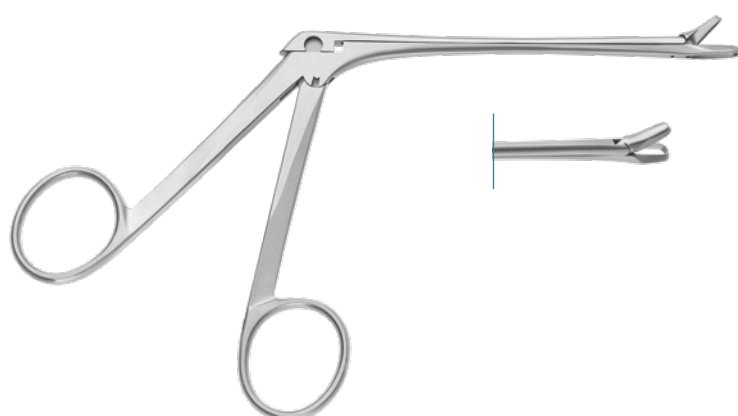
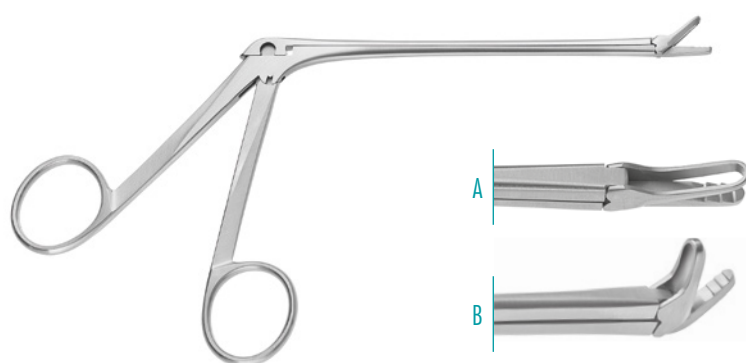
**GRUENWALD**Nasal Forceps, oval bite, 115mm, 4<sup>1/2</sup>"

Fig. 1, 3.0mm 420-421-001

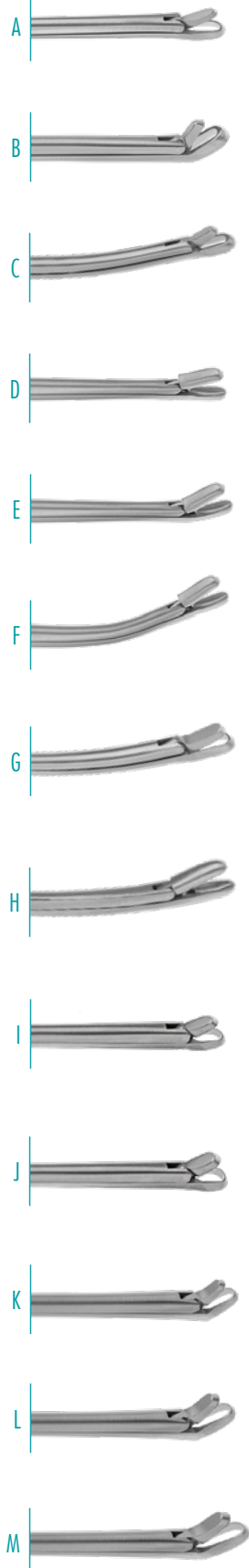
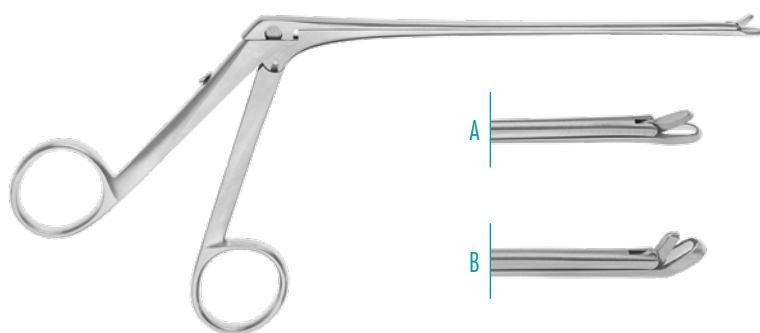
Fig. 2, 3.5mm 420-421-002

Fig. 3, 4.0mm 420-421-003

**MYLES**Nasal Cutting Forceps, through-cutting,  
130mm, 5<sup>1/8</sup>"

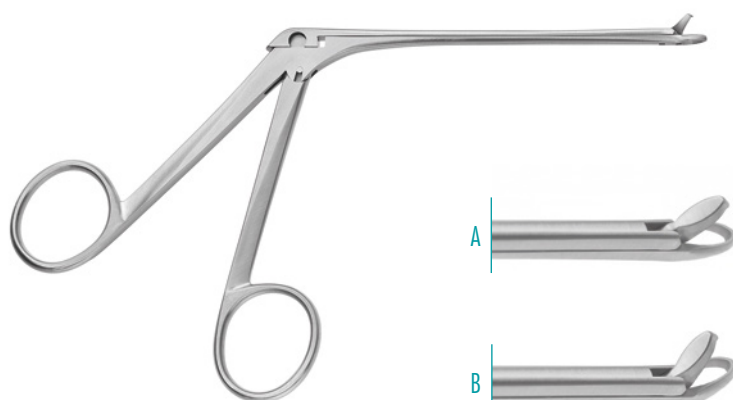
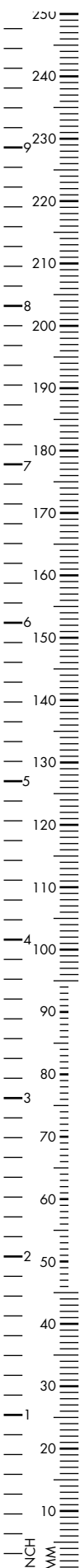
A straight, flat 420-410-140

B 30° upcurved 420-413-140

**MORIYAMA**

Conchotom, through-cutting, 140mm, 5½"

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

**D** right curved

|            |             |
|------------|-------------|
| 2.5mm bite | 252-203-111 |
|------------|-------------|



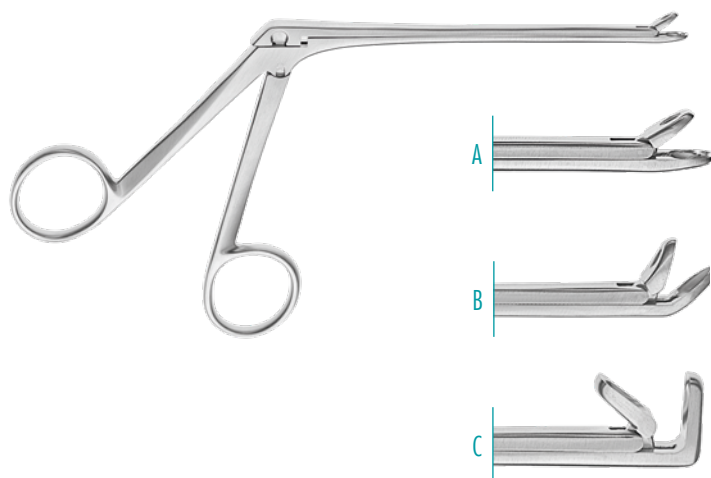
serrated

**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

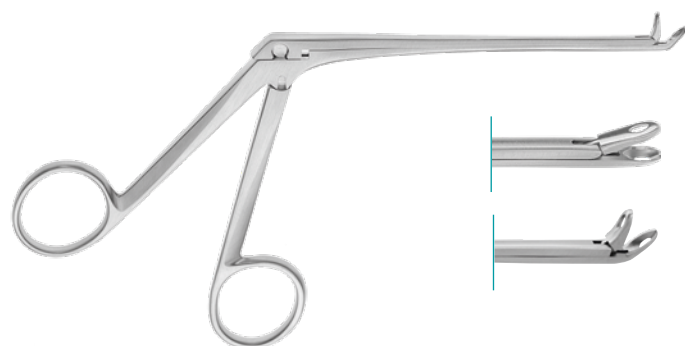
|               |             |
|---------------|-------------|
| Fig. 0, 3.0mm | 252-000-120 |
| Fig. 1, 3.6mm | 252-001-120 |
| Fig. 2, 4.2mm | 252-002-120 |
| Fig. 3, 4.8mm | 252-003-120 |
| Fig. 4, 5.6mm | 252-004-120 |

**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 |

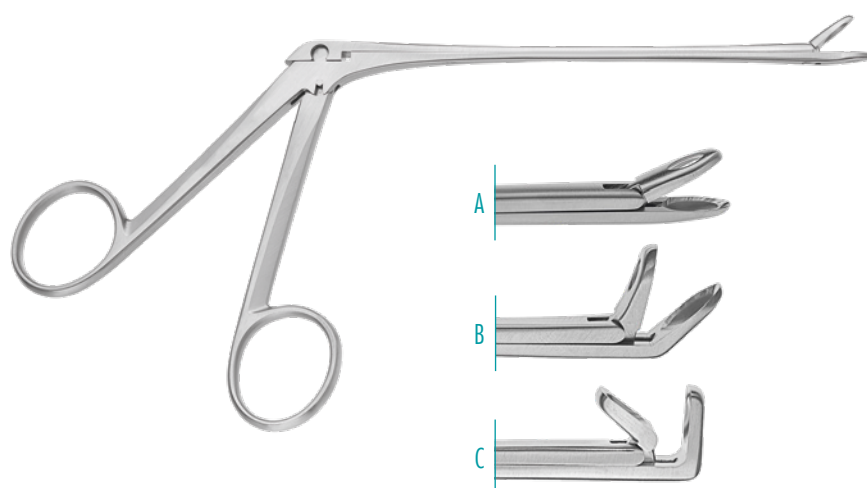
**C** 90° upwards curved

|               |             |
|---------------|-------------|
| 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

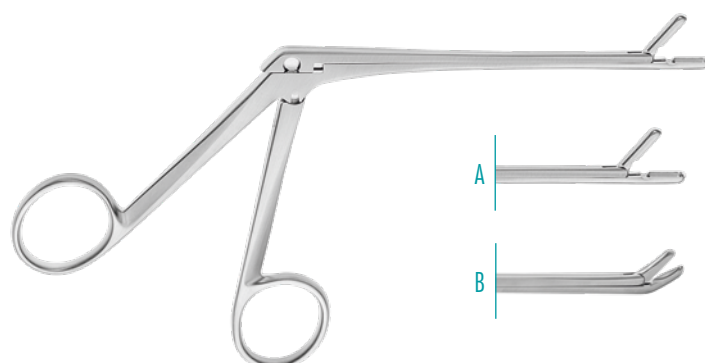
|               |             |
|---------------|-------------|
| Size 1, 3.5mm | 252-035-151 |
| Size 2, 4.0mm | 252-040-151 |

**C** 90° upcurved

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

**TILLEY HENCKEL**Ethmoid Punch, straight, 100mm, 4<sup>1</sup>/<sub>3</sub>"

|         |             |
|---------|-------------|
| 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, 4<sup>1</sup>/<sub>3</sub>"**A** straight

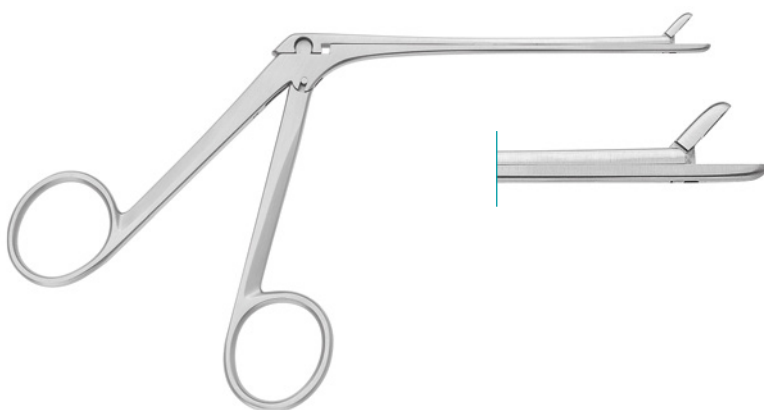
|       |             |
|-------|-------------|
| 2.5mm | 252-410-130 |
| 3.0mm | 252-410-131 |
| 4.0mm | 252-410-132 |

150mm, 6"

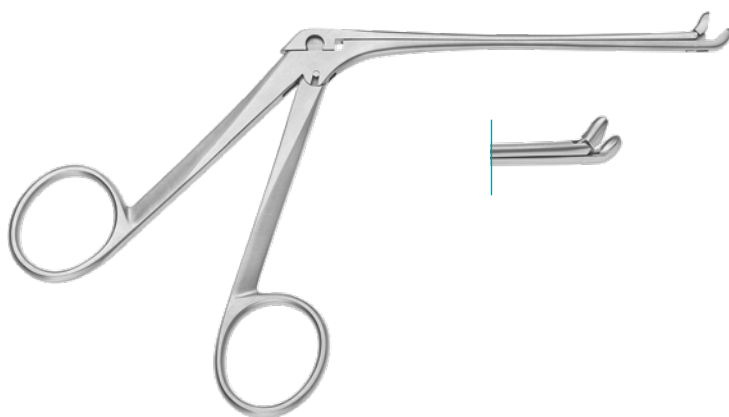
|       |             |
|-------|-------------|
| 3.0mm | 252-410-151 |
|-------|-------------|

**B** upcurved, 110mm, 4<sup>1</sup>/<sub>3</sub>"

|       |             |
|-------|-------------|
| 3.0mm | 252-413-131 |
|-------|-------------|

**ST BARTS**Rongeur, 3mm, 110mm, 4<sup>1</sup>/<sub>3</sub>"

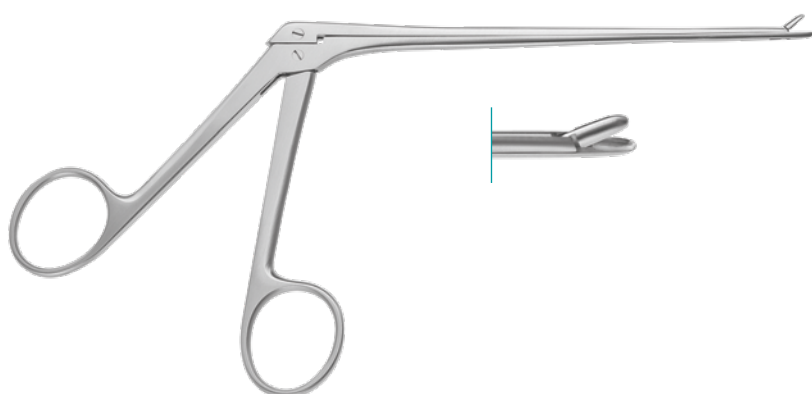
|             |             |
|-------------|-------------|
| straight    | 252-536-115 |
| curved up   | 252-537-115 |
| curved down | 252-538-115 |

**BEAD**

Nasal Forceps, cup jaws, upturned

115mm, 4 1/2"

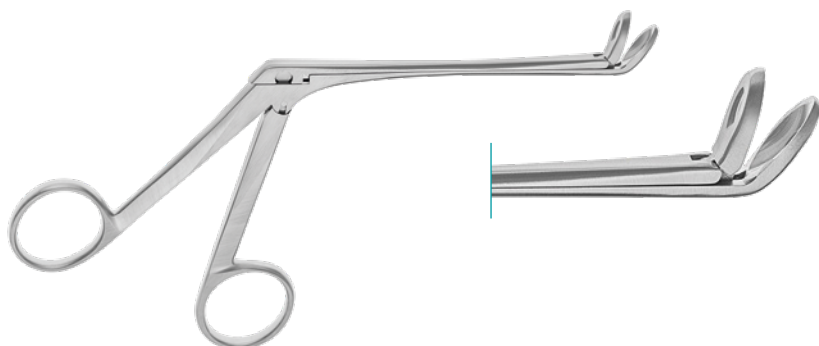
252-425-115



Ethmoidal Forceps, straight

140mm, 5 1/2"

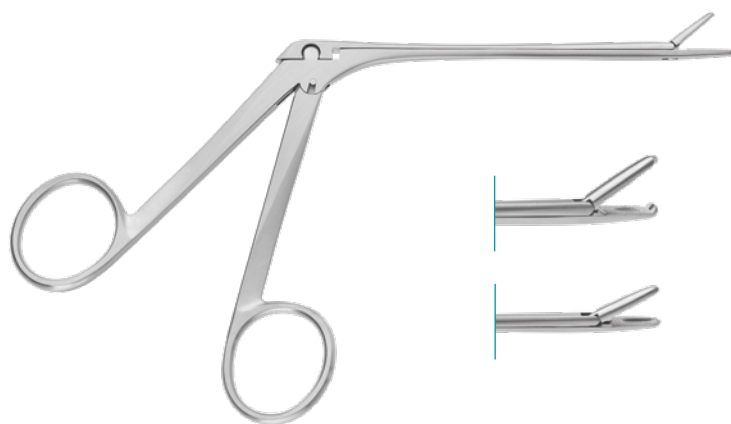
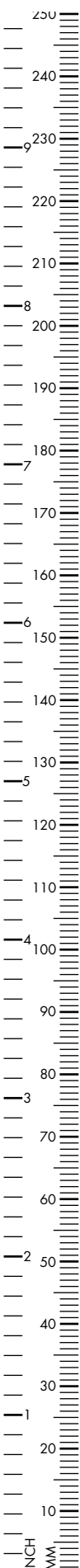
252-534-100

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

115mm, 4 1/2"

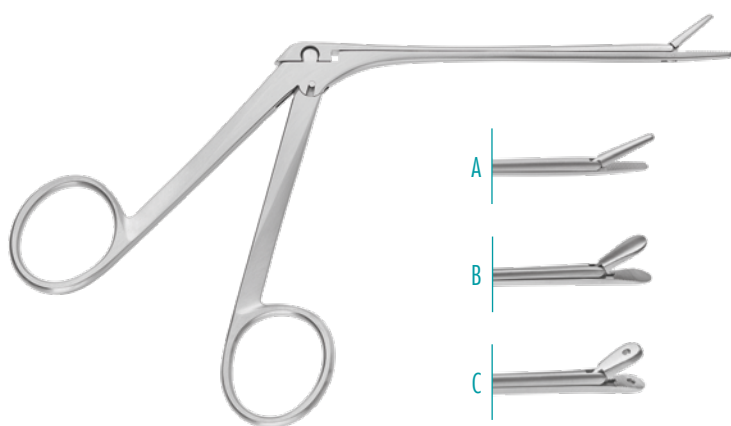
252-551-204



**NOYES**

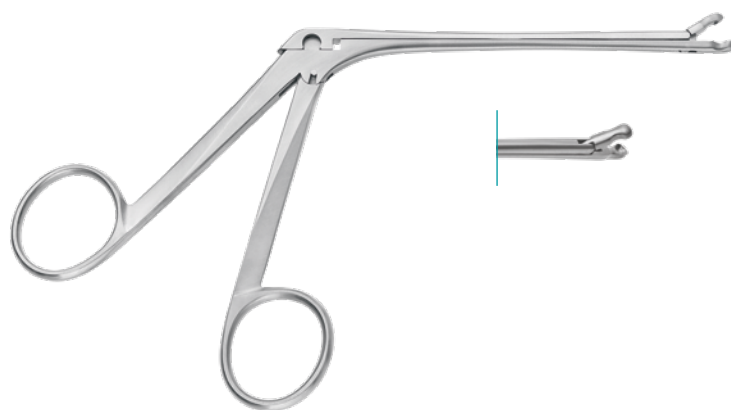
Nasal Forceps, serrated jaws

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



Nasal Forceps, serrated jaws

|                       |             |
|-----------------------|-------------|
| <b>A MORGENSTEIN</b>  | 252-528-115 |
| <b>B BLAKESLEY</b>    | 252-529-115 |
| <b>C FERRIS-SMITH</b> | 252-530-115 |



Sinus Cup Forceps, round cups, Ø 3.5mm

|               |             |
|---------------|-------------|
| 115mm, 4 1/2" | 252-426-100 |
|---------------|-------------|

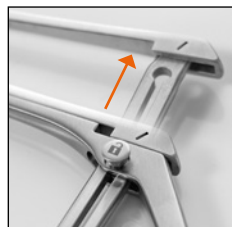
## Zliders - slide to clean

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.



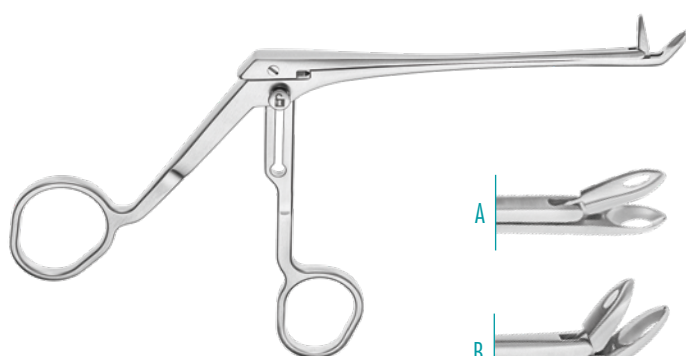
PRESS



SLIDE



OPEN



### BLAKESLEY

Nasal Forceps, 120mm working length,

**A** straight

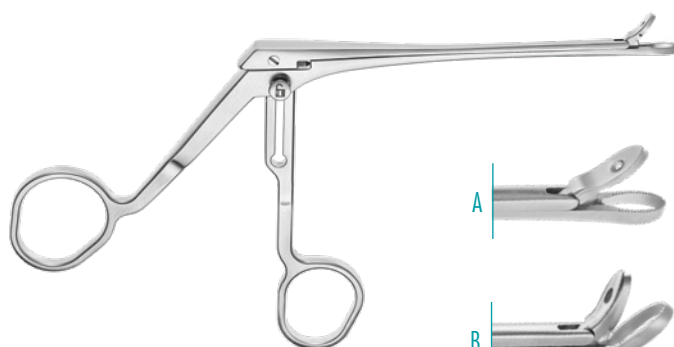
|       |             |
|-------|-------------|
| 2.5mm | 252-725-120 |
| 3.0mm | 252-730-120 |
| 3.5mm | 252-735-120 |
| 4.0mm | 252-740-120 |
| 4.5mm | 252-745-120 |

**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

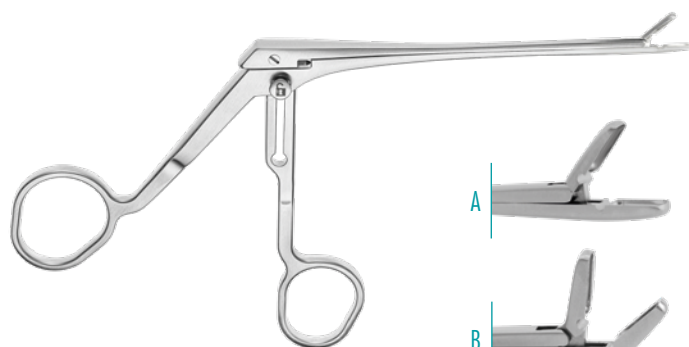
Punch, 120mm working length,

**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**

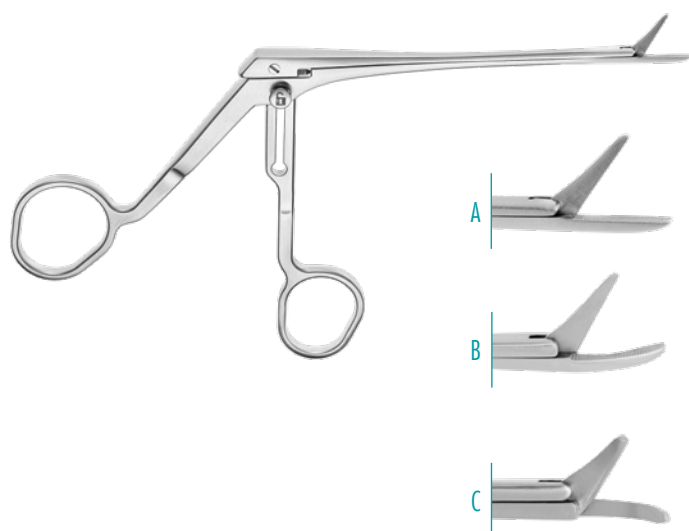
Nasal Forceps, 125mm working length,

**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

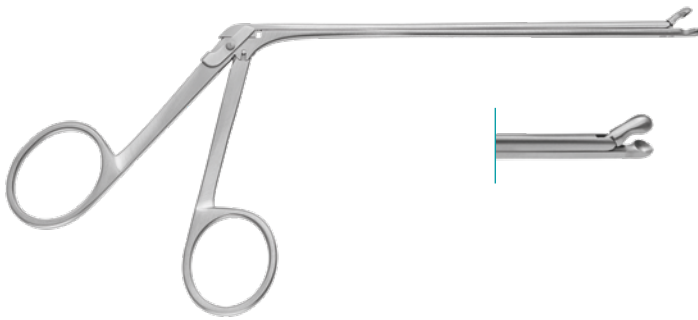
|                         |             |
|-------------------------|-------------|
| 4.0 x 3.0mm<br>x 10.0mm | 252-722-120 |
|-------------------------|-------------|

**B** right

|                         |             |
|-------------------------|-------------|
| 4.0 x 3.0mm<br>x 10.0mm | 252-723-120 |
|-------------------------|-------------|

**C** left

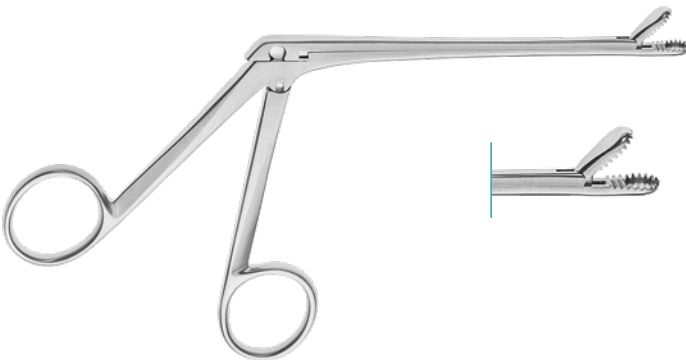
|                         |             |
|-------------------------|-------------|
| 4.0 x 3.0mm<br>x 10.0mm | 252-724-120 |
|-------------------------|-------------|

**HILDYARD**

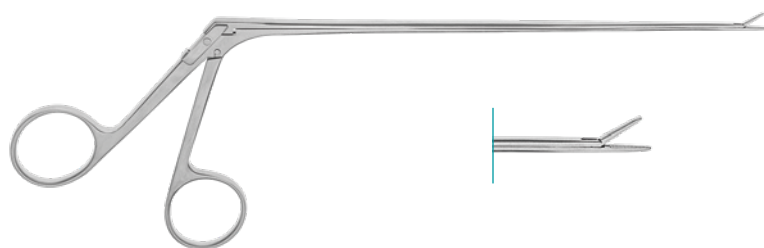
Post-Nasal Forceps, 3.5mm biopsy cup

120mm, 4<sup>3</sup>/<sub>4</sub>"

420-223-170

**WATSON-WILLIAMS**Ethmoidal Forceps for mucosa,  
straight, serrated120mm, 4<sup>3</sup>/<sub>4</sub>"

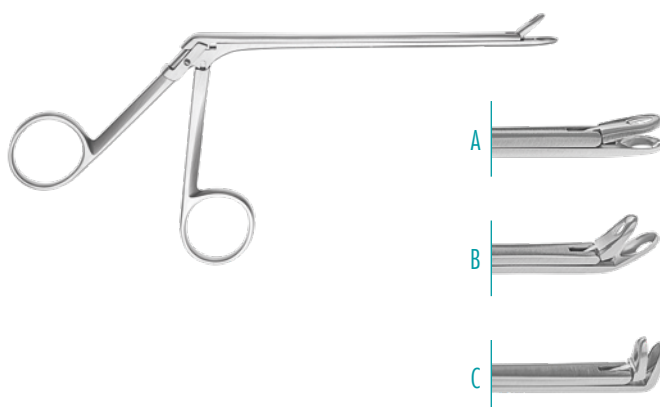
252-530-120



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

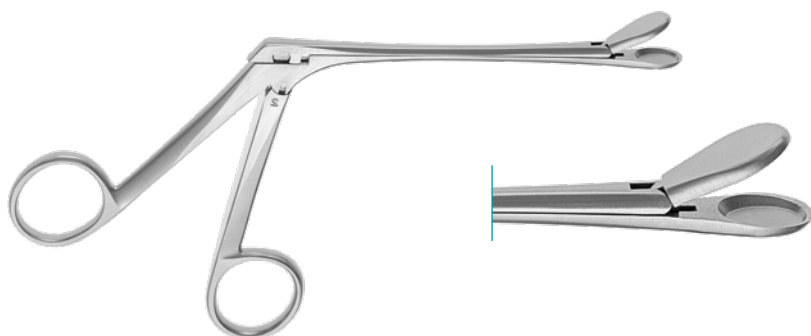
C 90° angled up 252-033-120

**BELLUCCI**

Scissors, straight

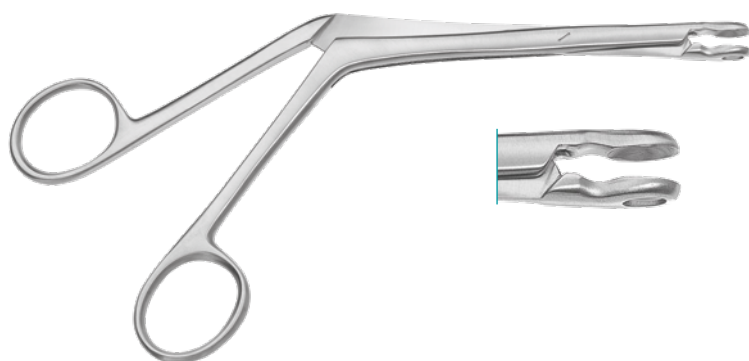
100mm, 4"

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**

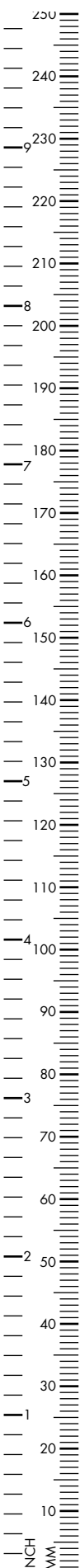
Septum Bone Cutting and Breaking Forceps, sharp cup, 6mm, 165mm, 6 1/2"

A straight

|          |             |
|----------|-------------|
| Oval cup | 252-029-000 |
|----------|-------------|

B curved left

|  |             |
|--|-------------|
|  | 252-029-500 |
|--|-------------|

**LUC**

Septum Forceps with fenestrated jaws  
190mm, 7<sup>1</sup>/<sub>2</sub>"

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

**HEYMANN-KNIGHT**

Septum Forceps, sharp oval cup

|                                        |             |
|----------------------------------------|-------------|
| 190mm, 7 <sup>1</sup> / <sub>2</sub> " | 420-422-190 |
|----------------------------------------|-------------|

**JANSEN-MIDDLETON**

Nasal Forceps, 4x11mm, spoon jaws

|                                        |             |
|----------------------------------------|-------------|
| 170mm, 6 <sup>2</sup> / <sub>3</sub> " | 252-032-190 |
|----------------------------------------|-------------|

**JANSEN-MIDDLETON**

Nasal Punch, through cutting, 210mm, 8<sup>1</sup>/<sub>4</sub>"

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

**BECKER**

Septum Scissors, double action, serrated

180mm, 7"

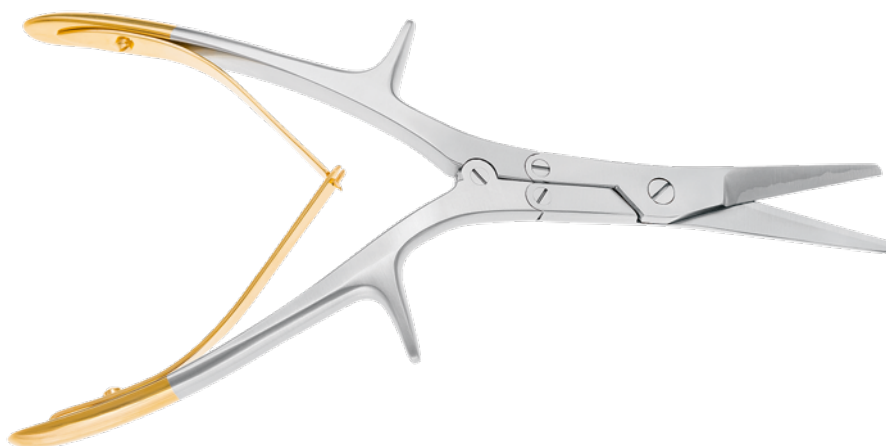
420-213-180

**CAPLAN**

Nasal Scissors, straight blade

220mm, 8<sup>2/3</sup>"

120-286-220

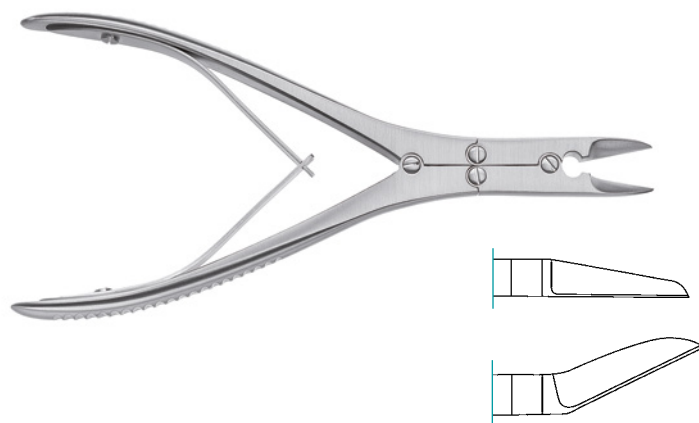
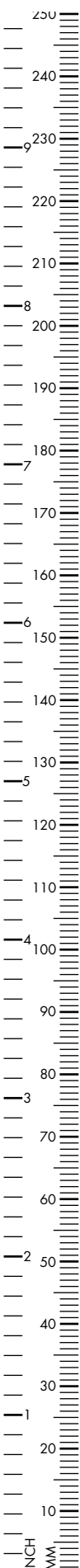
**GORNEY**

Nasal Scissors, straight blade

220mm, 8<sup>2/3</sup>"

120-588-220



**RUSKIN LISTON**

Bone Cutting Forceps, double action,  
170mm, 6<sup>2</sup>/<sub>3</sub>"

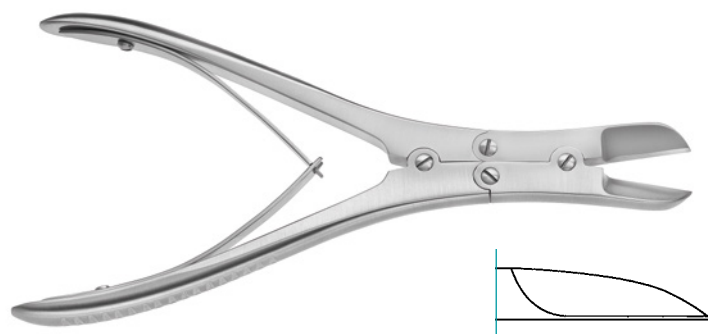
straight 210-844-170

angled 210-843-170

**MCINDOE**

Bone Cutting Forceps, double action

175mm, 6<sup>7</sup>/<sub>8</sub>" 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 |
|------------|-------------|

**KRESSNER**Crushing Forceps, kee-bent, 220mm, 8<sup>2</sup>/<sub>3</sub>"

|     |             |
|-----|-------------|
| 3mm | 420-408-003 |
|-----|-------------|

|     |             |
|-----|-------------|
| 4mm | 420-408-004 |
|-----|-------------|

**RUBIN**

Septum Morcelizer, double action, straight

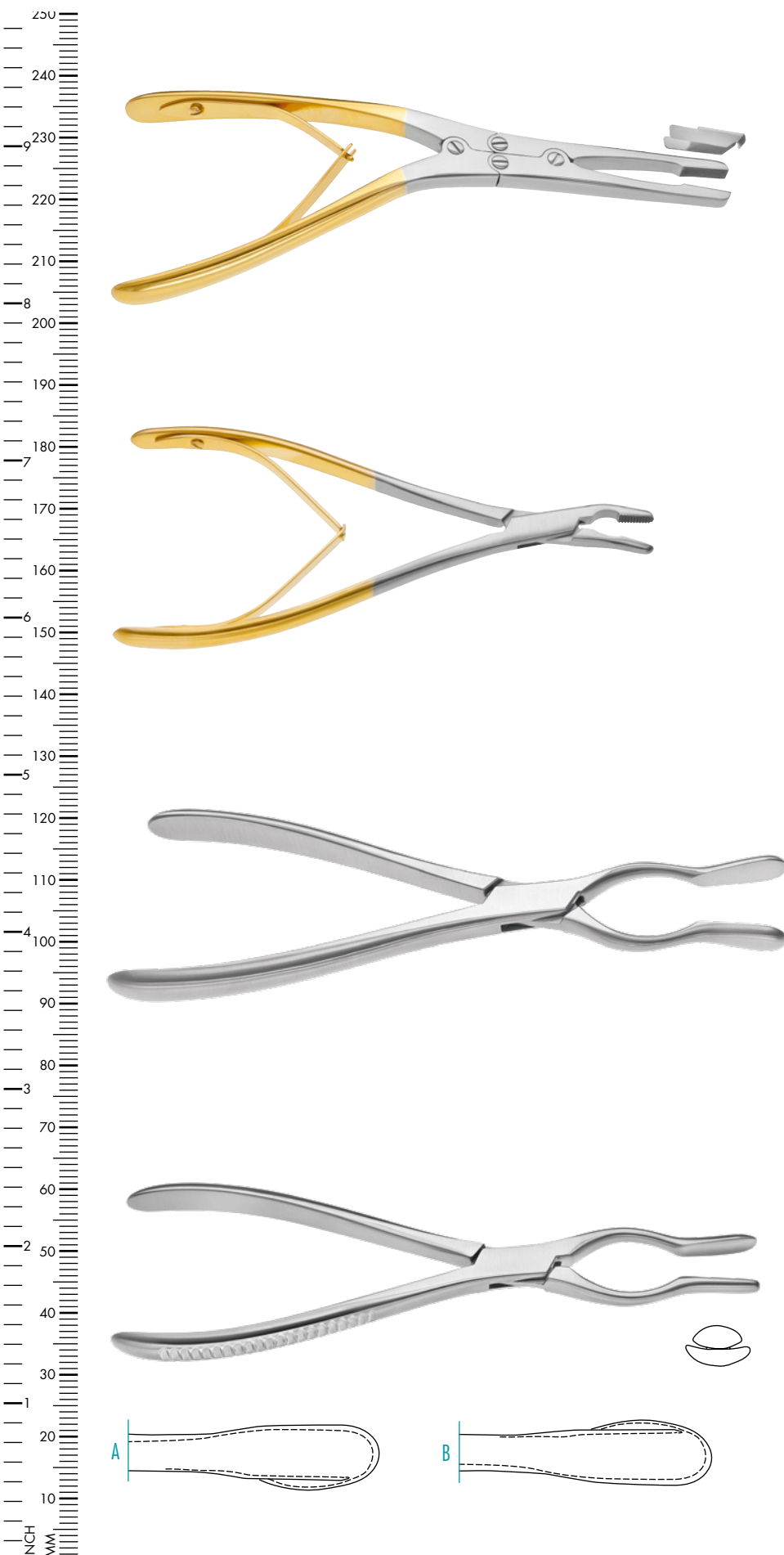
|                                        |             |
|----------------------------------------|-------------|
| 205mm, 8 <sup>1</sup> / <sub>8</sub> " | 420-370-210 |
|----------------------------------------|-------------|

|                                        |             |
|----------------------------------------|-------------|
| 190mm, 7 <sup>1</sup> / <sub>2</sub> " | 420-371-210 |
|----------------------------------------|-------------|



Protection Cap

|             |
|-------------|
| 420-370-212 |
|-------------|

**RUBIN**

Septum Morcelizer, double action, with guard  
220mm, 8<sup>2</sup>/<sub>3</sub>"

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, 8<sup>2</sup>/<sub>3</sub>"

420-455-230

**BOIES**

Elevator for septum repositioning

170mm, 6<sup>2</sup>/<sub>3</sub>"

420-557-170

**BOIES**

Nasal fracture elevator, 9mm tip

195mm, 7<sup>3</sup>/<sub>4</sub>"

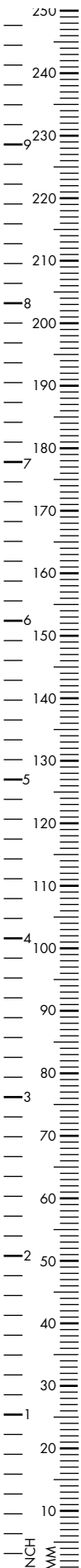
420-555-195

**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

**GRAEF**

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

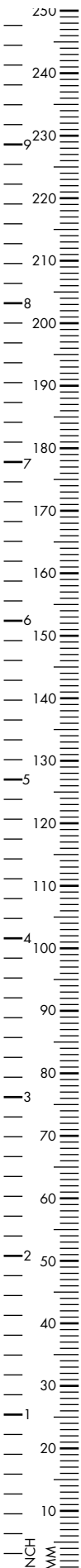
230-205-180

B medium

230-207-180

C large

230-209-180

**COTTLE**Nerve Hook, 168mm, 6<sup>2/3</sup>"

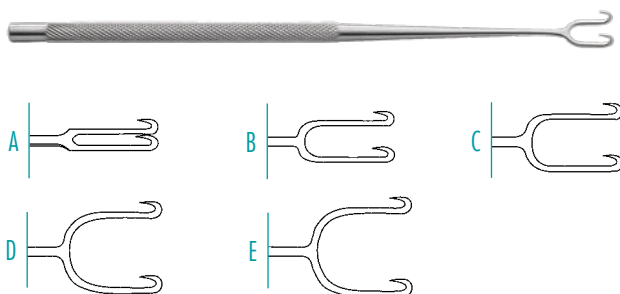
|                        |             |
|------------------------|-------------|
| 180° retrograde curved | 230-286-160 |
|------------------------|-------------|

|                        |             |
|------------------------|-------------|
| 120° retrograde curved | 230-285-160 |
|------------------------|-------------|

**FISCH**

Hook, 90°, sharp, angled

|               |             |
|---------------|-------------|
| 185mm, 7 1/4" | 250-064-376 |
|---------------|-------------|

**JOSEPH**Skin Hook, 2 prongs, 160mm, 6<sup>1/4</sup>"

|             |             |
|-------------|-------------|
| A 2mm wide  | 170-014-002 |
| B 5mm wide  | 170-014-005 |
| C 7mm wide  | 170-014-007 |
| D 10mm wide | 170-014-010 |
| E 12mm wide | 170-014-012 |



Thumb Retractor, sharp, double hook, 8mm wide  
38mm working length 170-008-381

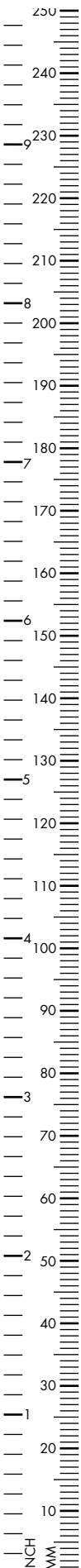


**FREER**  
Skin hook, 2 prongs, sharp  
150mm, 6" 230-220-001



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



**FOMON**

Alar Retractor, 2 buttoned prongs

160mm, 6<sup>1</sup>/<sub>4</sub>"

230-280-160

**FOMON**

Alar Retractor, 2 buttoned prongs, insulated end

160mm, 6<sup>1</sup>/<sub>4</sub>"

230-780-160

**COTTLE**Alar Retractor, 2 prongs, 140mm, 5<sup>1</sup>/<sub>2</sub>"  
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<sup>1</sup>/<sub>2</sub>"

420-520-140

insulated

420-520-141

**COTTLE**Alar Retractor, 10 x 12mm,  
140mm, 5<sup>1</sup>/<sub>2</sub>"

420-523-140

insulated

420-523-141

**RZ-NOSE**

RZ Nasal Retractor with Thimble Hook,  
swivelling

|              |             |
|--------------|-------------|
| 85mm, 3 1/3" | 260-200-110 |
|--------------|-------------|

**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 |
|--------------|-------------|

**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<sup>1/4</sup>"

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 <sup>1</sup> / <sub>3</sub> " | 420-256-135 |
|----------------------------------------|-------------|

**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 |
|-----------|-------------|

with fiber optic light carrier

|           |             |
|-----------|-------------|
| 100mm, 4" | 420-752-100 |
|-----------|-------------|

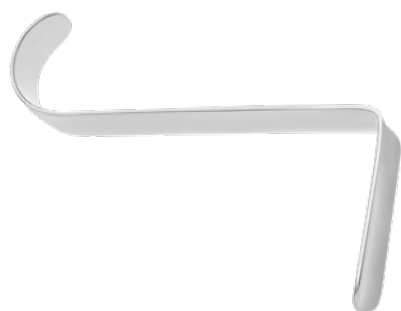
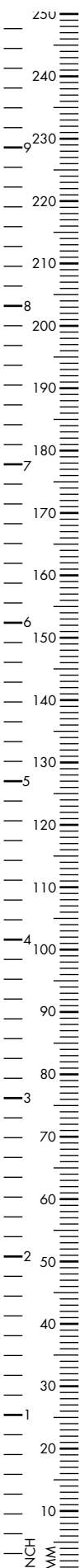
**CONVERSE**

Nasal Retractor, 11x44mm

|                                        |             |
|----------------------------------------|-------------|
| 110mm, 4 <sup>1</sup> / <sub>3</sub> " | 420-235-110 |
|----------------------------------------|-------------|

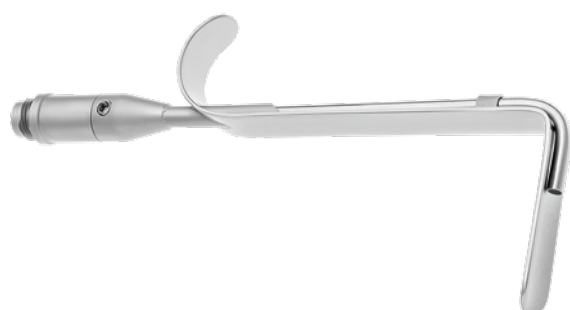
with fiber optic light carrier

|           |             |
|-----------|-------------|
| 100mm, 4" | 420-236-110 |
|-----------|-------------|

**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 |
|-----------|-------------|

**AUFRICHT**

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

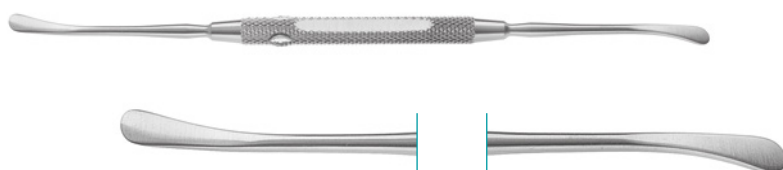
|           |             |
|-----------|-------------|
| 180mm, 7" | 420-255-160 |
|-----------|-------------|



Dissector / Probe, double ended,  
pointed tip / round cutting tip, 8mm

130mm, 5<sup>1</sup>/<sub>8</sub>"

420-546-130

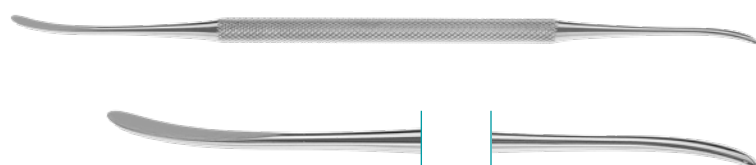


### **FREER**

Septum Elevator, sharp/blunt, 5mm

185mm, 7<sup>1</sup>/<sub>4</sub>"

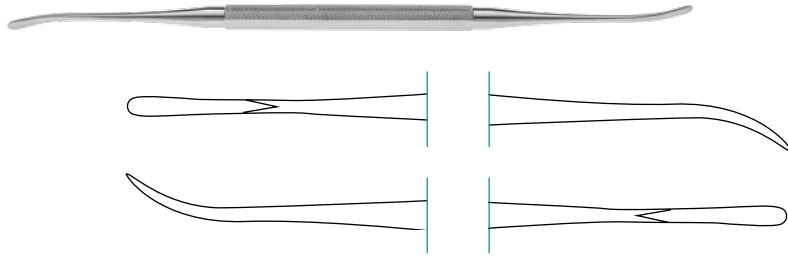
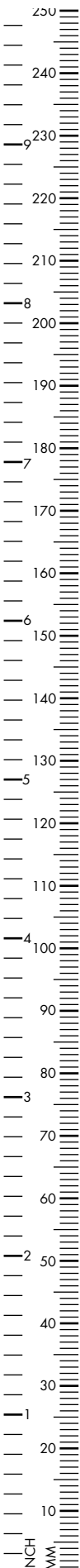
420-546-180



### **DANIEL**

Elevator

420-546-200

**FREER-YASARGIL**

Dissector, sharp

190mm, 7<sup>1</sup>/<sub>2</sub>"

420-548-180

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

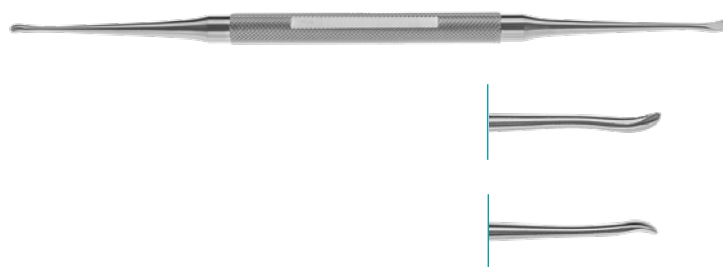
200mm, 8"

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, 7<sup>1</sup>/<sub>2</sub>"

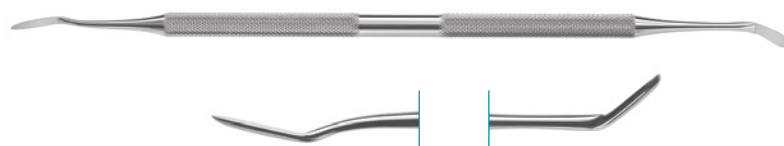
420-554-190

**FREER-LONG**

Septum Elevator, double-ended,  
sharp/sharp

220mm, 8<sup>2/3</sup>"

252-001-220

**WOODSON**

Elevator, 2.4 / 4.0mm blade

200mm, 8"

420-556-200

**FREER-JOSEPH**

Septum Elevator, double-ended

200mm, 8"

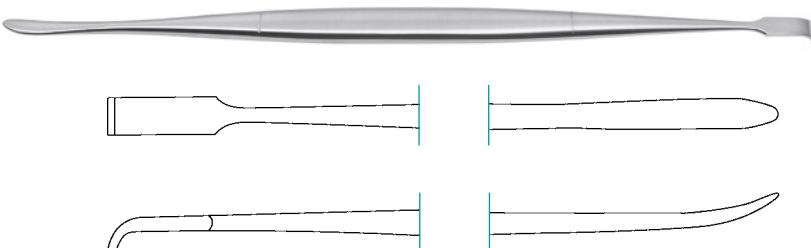
420-555-200

**OBWEGESER-FREER**

Septum Elevator, double-ended

200mm, 8"

420-532-200

**HOWARTH**

Elevator, double-ended, sharp/blunt

215mm, 8<sup>1/2</sup>"

420-552-215



**HARALDSSON**

Suction Elevator

190mm, 7<sup>1</sup>/<sub>2</sub>"

420-390-190

**RZ**Nasal Suction Dissector, Luer Lock,  
Ø 8mm, 190mm, 7<sup>1</sup>/<sub>2</sub>"

sharp

420-310-190

blunt

420-311-190

**NEGUS**

Suction Dissector, blunt, 6mm

210mm, 8<sup>1</sup>/<sub>4</sub>"

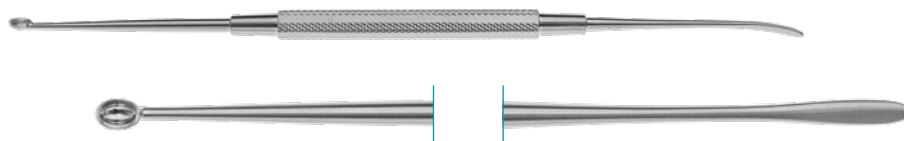
420-395-205

**GORNEY**

Suction Raspator, semi-sharp, 3mm

180mm, 7"

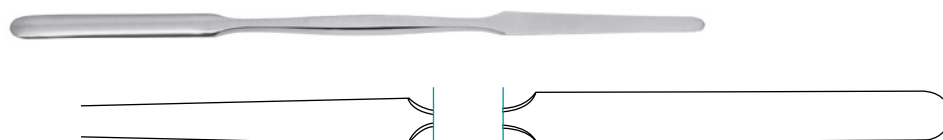
420-253-185

**CARTER**

Septum Elevator, double-ended

210mm, 8<sup>1</sup>/<sub>4</sub>"

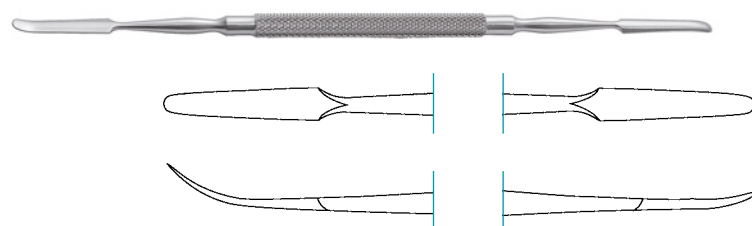
420-551-210

**KILLIAN**

Elevator, double-ended, sharp/blunt

185mm, 7<sup>1</sup>/<sub>4</sub>"

420-541-180

**KILLIAN**

Raspatory, 6mm, sharp/blunt

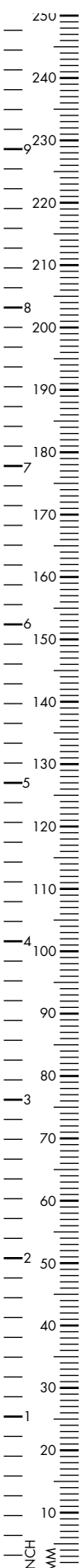
180mm, 7"

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, 8<sup>2</sup>/<sub>3</sub>"

420-553-220

**JOSEPH**

Masing Septum Elevator, bayonet shaped, slightly curved

210mm, 8<sup>1</sup>/<sub>4</sub>"

420-550-210

**COTTLE**

Elevator, double-ended, graduated, sharp/sharp

230mm, 9"

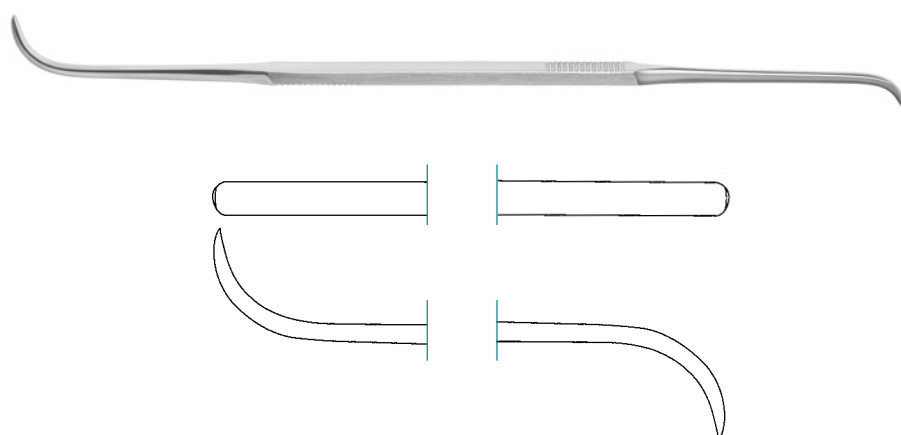
420-550-230

**COTTLE-JOSEPH**

Double Elevator

225mm, 8<sup>7/8</sup>"

420-550-225

**COTTLE**

Elevator, double-ended, for tunneling

220mm, 8"

420-552-200

**PENNINGTON**

Elevator

210mm, 8<sup>1/4</sup>"

420-543-210

**FREER**

Periosteal Elevator, double-ended, sharp

175mm, 6<sup>7/8</sup>"

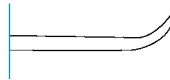
420-551-175

**MCKENTY**

Septum and Periosteal Elevator

220mm, 8<sup>2</sup>/<sub>3</sub>"

420-539-220

**MCKENTY**

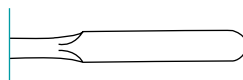
Raspatory, 150mm, 6"

4mm

420-547-004

5mm

420-547-005

**JOSEPH**Periosteal elevator, slightly curved,  
170mm, 6<sup>2</sup>/<sub>3</sub>"

2mm

420-530-165

3mm

420-531-165

4mm

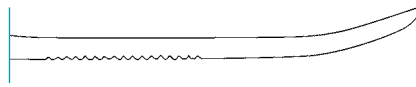
420-532-165

5mm

420-533-165

Raspatory, 170mm, 6<sup>2/3</sup>"

6mm 210-439-006



8mm 210-439-008

**PLESTER**

Raspatory, 8mm wide

180mm, 7" 410-336-180

**ERLANGEN**

Raspatory, 6mm wide, slightly curved

175mm, 6<sup>7/8</sup>" 420-547-006**HALLE**

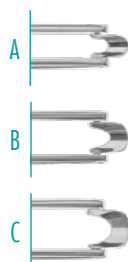
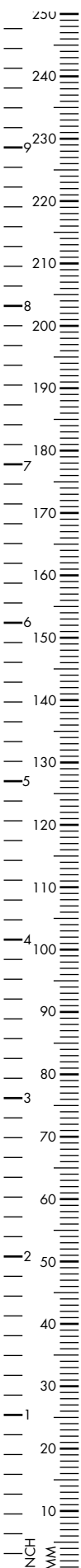
Raspatory, 4mm, blunt, slightly curved

180mm, 7" 420-544-165

**FREER**

Periosteal Elevator, 4mm

160mm, 6<sup>1/4</sup>" 420-551-180

**BALLENGER**Swivel knife, bayonet shaped, 210mm, 8<sup>1</sup>/<sub>4</sub>"

A 3mm 420-392-003

B 4mm 420-392-004

C 5mm 420-392-005

straight, 195mm, 7<sup>2</sup>/<sub>3</sub>"

A 3mm 420-393-003

B 4mm 420-393-004

C 5mm 420-393-005

**FREER**Septum Chisel, 4mm, 160mm, 6<sup>1</sup>/<sub>4</sub>"

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<sup>1/8</sup>" 420-595-170

**KILLIAN**

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

170mm, 6<sup>2/3</sup>" 420-552-170

**KILLIAN-CLAUS**

Septum Gouge with notch, bayonet shaped,  
6mm

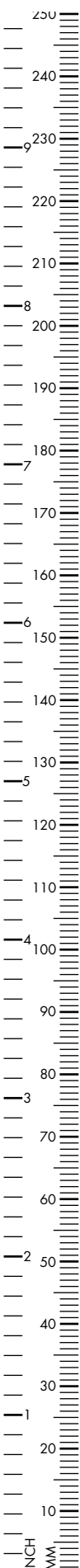
170mm, 6<sup>2/3</sup>" 420-551-170

**COTTLE**

Chisel, graduated, 185mm, 7<sup>1/4</sup>"

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

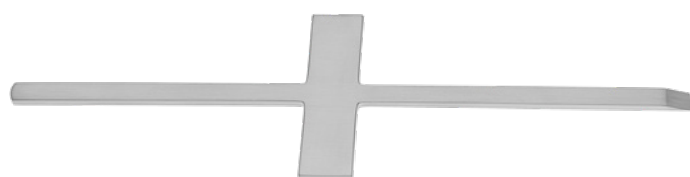


**COTTLE**

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<sup>1/4</sup>"

210-472-105

**COTTLE**

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

180mm, 7"

210-486-016

**COTTLE-CINELLI**

Chisel, 185mm, 7<sup>1/4</sup>"

10mm

210-474-010

12mm

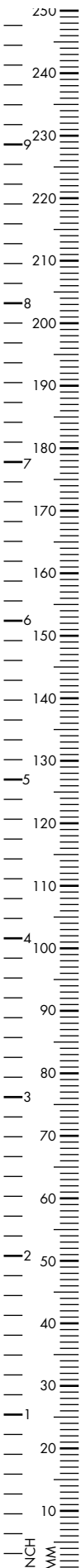
210-474-012

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, 7<sup>1</sup>/<sub>4</sub>"

|          |             |
|----------|-------------|
| 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**

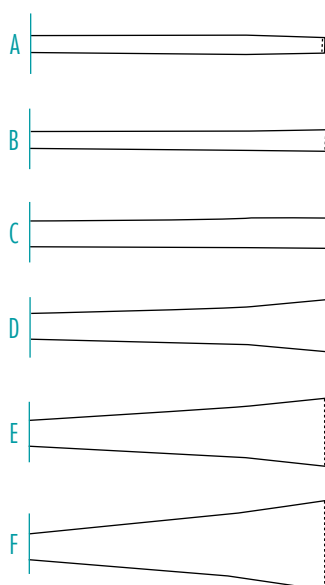
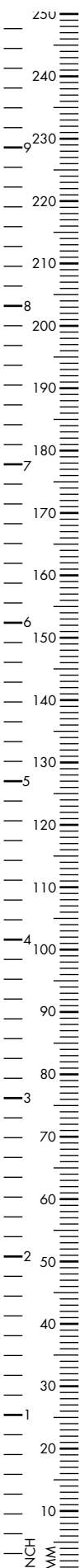
Osteotome, with guard, 180mm, 7"

|              |             |
|--------------|-------------|
| 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**

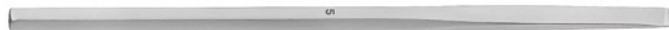
Chisel with notch, double guarded, 190mm, 7½"

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

**WALTER**

Osteotome, 190mm, 7½"

|        |             |
|--------|-------------|
| 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<sup>1/4</sup>"

|      |             |
|------|-------------|
| 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<sup>1/2</sup>"

|     |             |
|-----|-------------|
| 1mm | 420-594-002 |
|-----|-------------|

Mini Osteotome, CeraCut®, 175mm, 6<sup>7/8</sup>"

|     |               |
|-----|---------------|
| 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,<br>curved left  | 230-202-001 |
| bayonet shaped,<br>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 |
|-----------|-------------|



**LEWIS**

Nasal Rasp, 7mm wide tip

200mm, 8"

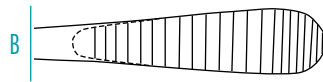
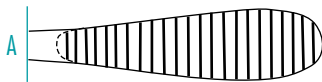
420-658-175

**COTTLE**

Nasal Rasp, backward cutting, straight

210mm, 8<sup>1</sup>/<sub>4</sub>"

420-670-210

**AUFRICHT**Nasal Rasp, 90° cross-serrated,  
9mm wide, 220mm, 8<sup>2</sup>/<sub>3</sub>"

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

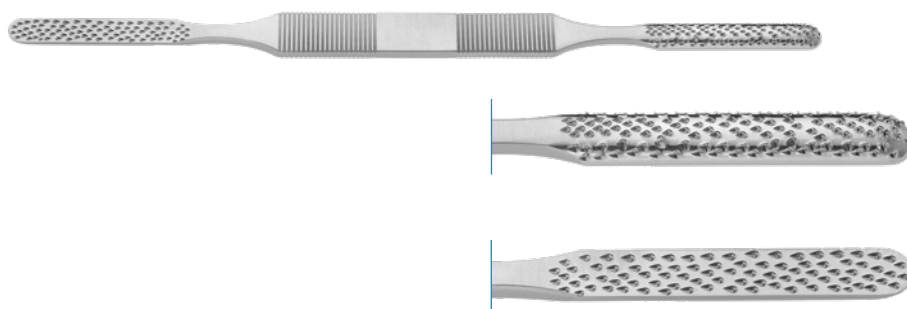


Fig. 2 6mm / 4mm 500-384-010

Fig. 3

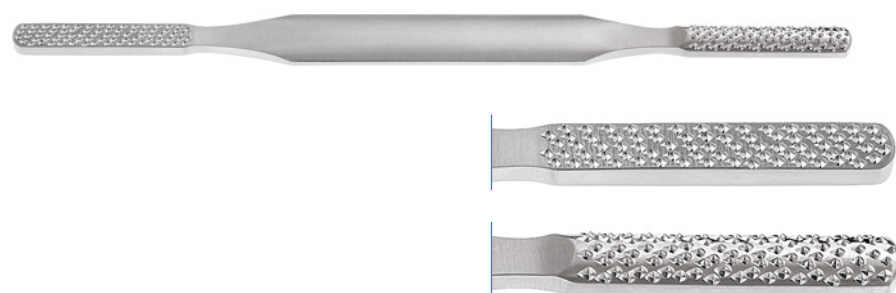


Fig. 3 6mm / 5mm 500-386-045

**FOMON LIGHTWEIGHT**

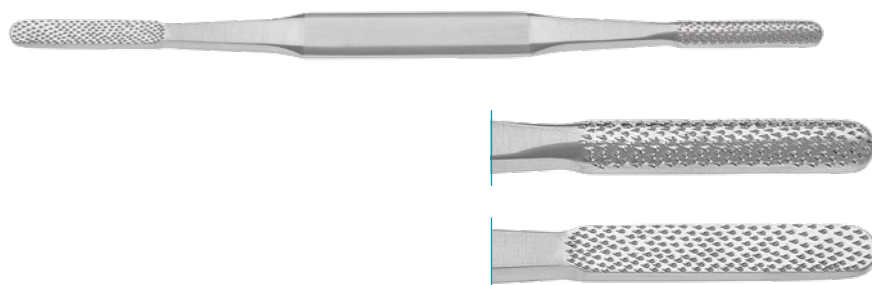
Rasp, double-ended, 7.0mm  
215mm, 8<sup>1</sup>/<sub>2</sub>"

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

**FOMON**

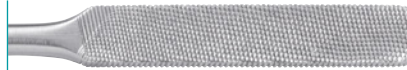
Rasp, coarse, double-ended, 7.0mm / 8.0mm  
215mm, 8<sup>1</sup>/<sub>2</sub>"

420-660-000

**FOMON**

Rasp, fine, round/flat  
215mm, 8<sup>1</sup>/<sub>2</sub>"

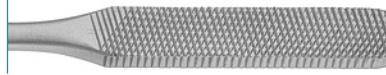
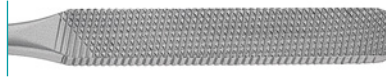
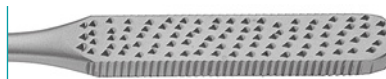
420-661-000

**FOMON**

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

215mm, 8<sup>1/2</sup>"

420-661-100

**KLEINERT KUTZ**

Rasp, double-ended, 4 sides

220mm, 8<sup>2/3</sup>"

420-656-000

**MALTZ**

Nasal Rasp, straight, backward cutting

180mm, 7"

420-672-000

**MALTZ**

TC Rasp,

165mm, 6<sup>1/2</sup>"

Fig. 2

420-492-165

Fig. 3

420-493-165

**PARKES**

TC Rasp, straight, 8 x 39mm

210mm, 8<sup>1/4</sup>"

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<sup>1/4</sup>"

Fig. 1 / Fig. 2

420-660-219

Fig. 3 / Fig. 4

420-660-214

Fig. 5 / Fig. 6

420-660-216

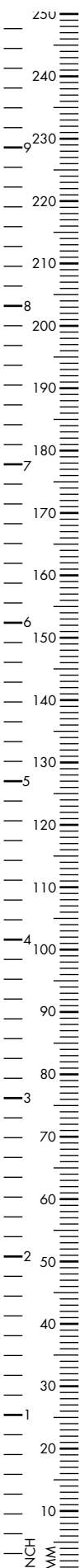
Fig. 7 / Fig. 8

420-660-218

Fig. 9 / Fig. 10

420-660-200

Fig. 1  
0.8Fig. 2  
1.1Fig. 3  
1.3Fig. 4  
1.6Fig. 5  
1.8Fig. 6  
2.0Fig. 7  
2.4Fig. 8  
2.6Fig. 9  
2.8Fig. 10  
3.0

**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 |
|-----------|-------------|

**PEET-COTTLE**

Nasal Rasp, curved, diamond jaws

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

**PEET**

Convex Nasal Rasp, 25x8mm, straight  
diamond jaws

190mm, 7<sup>1</sup>/<sub>2</sub>"

420-650-050

**COTTLE**

Rasp, 7x33mm, straight  
diamond jaws

200mm, 8"

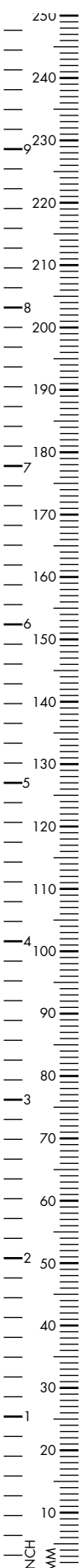
420-675-200

**FOMON**

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

210mm, 8<sup>1</sup>/<sub>4</sub>"

420-653-000

**FOMON**

## Nasal Rasp Holder

|          |              |             |
|----------|--------------|-------------|
| <b>A</b> | double-ended | 420-660-200 |
| <b>B</b> | single-ended | 420-660-100 |

**FOMON**

## TC Insert

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

## Fixation Key

|          |  |             |
|----------|--|-------------|
| <b>M</b> |  | 420-660-150 |
|----------|--|-------------|

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

|          |  |             |
|----------|--|-------------|
| <b>N</b> |  | 420-660-500 |
|----------|--|-------------|

Wire Brush for cleaning rasps

|               |             |
|---------------|-------------|
| 165mm, 6 1/2" | 260-500-001 |
|---------------|-------------|

**GIERTZ STILLE**

Rib Shears, double action

250mm, 9<sup>7</sup>/<sub>8</sub>"

290-137-270

**DINGMANN**

Bone Holding Forceps, heavy pattern

190mm, 7<sup>1</sup>/<sub>2</sub>"

210-626-190

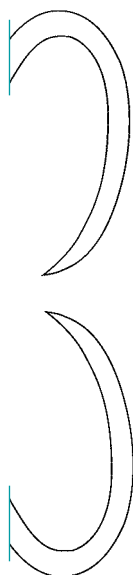
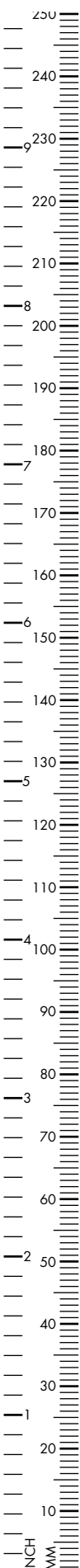
**LANGENBECK**

Bone Holding Forceps, 11mm wide

210mm, 8<sup>1</sup>/<sub>4</sub>"

210-722-210



**DOYEN**Rib Raspatory, 175mm, 6<sup>7</sup>/<sub>8</sub>"

curved right 210-331-170

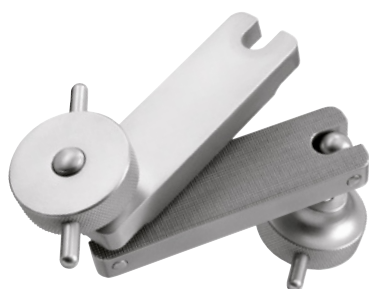
curved left 210-333-170

**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

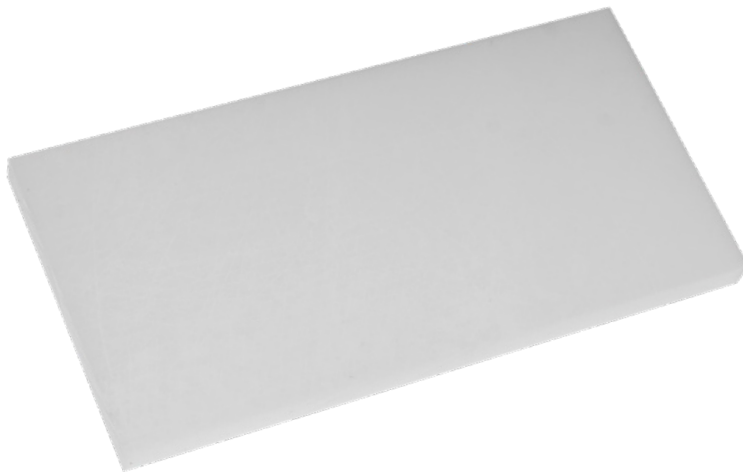


Plastic Plate, autoclavable

85 x 55mm

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420-367-000

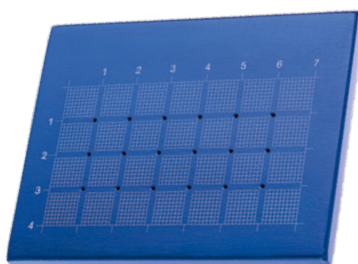


Plastic Plate, for preparation of bone grafts,  
autoclavable

200x100x10mm

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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"

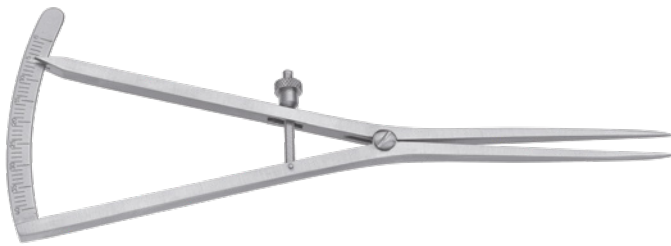
100-418-300

**CASTROVIEJO**

Caliper with locking screw, 0 - 15mm scale

70mm, 2<sup>3</sup>/<sub>4</sub>"

400-583-005

**CASTROVIEJO**

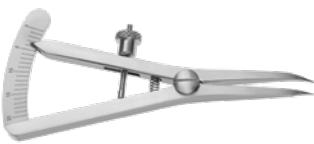
Caliper with locking screw

0 - 20mm,  
85mm, 3<sup>1</sup>/<sub>4</sub>"

400-583-007

0 - 40mm,  
180mm, 7"

400-583-008

**CASTROVIEJO**Caliper with locking screw, angled,  
0 - 20mm scale70mm, 2<sup>3</sup>/<sub>4</sub>"

400-583-009

**JAMESON**Caliper with locking screw, graduated,  
0 - 80 mm95mm, 3<sup>3</sup>/<sub>4</sub>"

400-421-000

**THORPE**Caliper with locking screw, graduated,  
0 - 80 mm95mm, 3<sup>3</sup>/<sub>4</sub>"

400-420-100

**NOLST TRENITÉ**

Glabella Rasp, 8mm wide

185mm, 7<sup>1</sup>/<sub>4</sub>"

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, 6<sup>1</sup>/<sub>8</sub>"

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, 6<sup>1</sup>/<sub>4</sub>"

420-700-200

**BLAKESLEY (NOLST TRENIÉ)**

Nasal Forceps, delicate, 3.5mm

85mm working length 420-700-700

**NOLST TRENIÉ**

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 TRENIÉ**

Micro Osteotome with guard, 185mm, 7 1/4"

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

**NOLST TRENIÉ**

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<sup>1/2</sup>" 420-700-340**NOLST TRENITÉ**

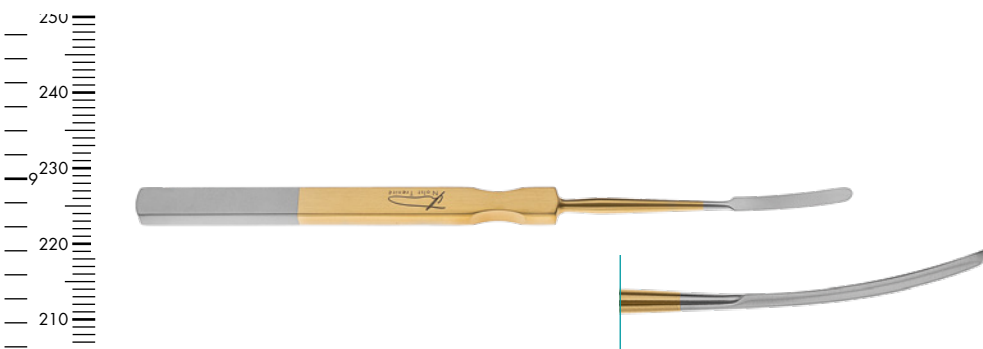
Angled Scissors, Walter type

100mm, 4" 420-700-620

**NOLST TRENITÉ**

Halsey type

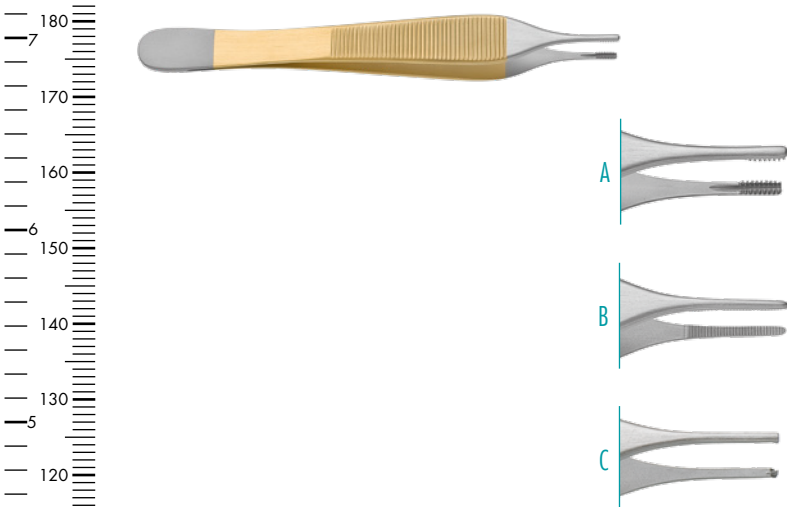
130mm, 5<sup>1/8</sup>" 420-700-330

**NOLST TRENIÉ**

Periosteal Elevator, Joseph Type, 3mm

180mm, 7"

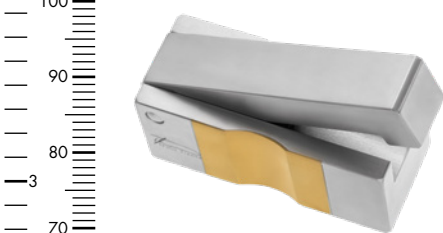
420-700-430

**NOLST TRENIÉ**Dressing/Tissue Forceps, 120mm, 4<sup>3</sup>/<sub>4</sub>"

A Adson-Brown type 420-700-630

B Adson type 420-700-640

C Adson type 420-700-650

**NOLST TRENIÉ**

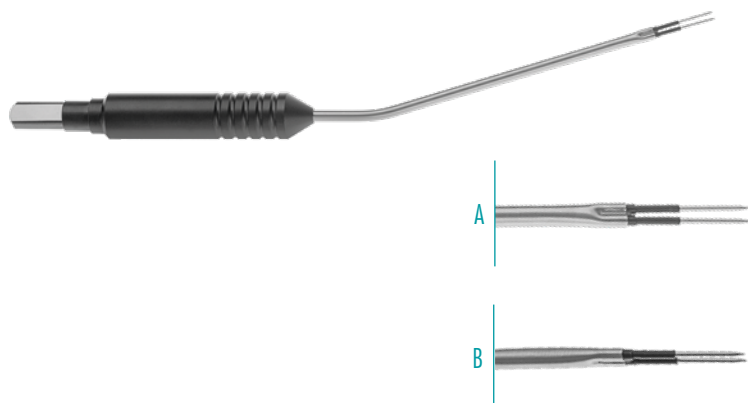
Cartilage Crusher, Cottle type

420-700-777

**NOLST TRENIÉ**

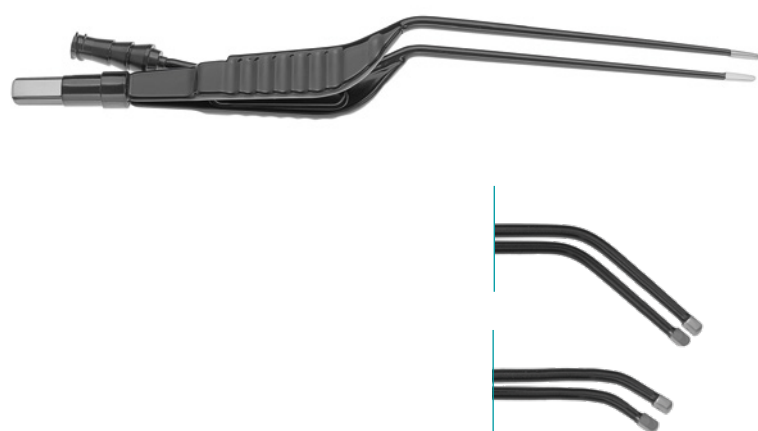
Mallet, Cottle type

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<br>210mm, 8 <sup>1</sup> / <sub>4</sub> " |             |
| 3.2mm tip                                            | 700-600-214 |
| 45° curved<br>210mm, 8 <sup>1</sup> / <sub>4</sub> " |             |
| 3.0mm tip                                            | 700-600-213 |



Bipolar Forceps, angled jaws, 2.0mm tip

|           |             |
|-----------|-------------|
| 180mm, 7" | 700-600-195 |
|-----------|-------------|

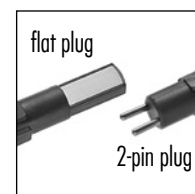


Bipolar Forceps, knee angled, pointed tip

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



## NON-STICK FORCEPS



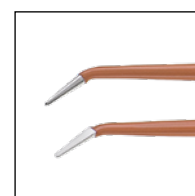
| Straight          |           | 150mm        |             | 180mm        |             | 200mm        | 220mm        |
|-------------------|-----------|--------------|-------------|--------------|-------------|--------------|--------------|
|                   |           | straight tip | angled tip  | 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  |



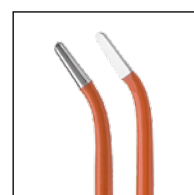
| JEWELER TYPE       |           | 110mm        |             |
|--------------------|-----------|--------------|-------------|
|                    |           | straight tip | angled tip  |
| 0.25mm tip (point) | flat plug | 700-601-710  | 700-601-730 |
|                    | 2-pin     | 700-601-711  | 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 |



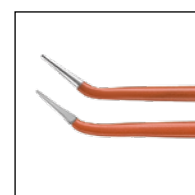
straight tip



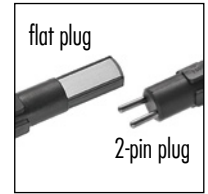
angled tip



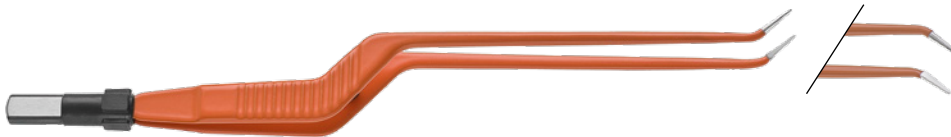
angled down tip



angled up tip

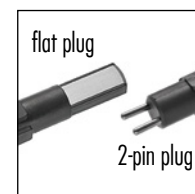


| Bayonet Shape     |           | 180mm<br>straight tip | 200mm<br>straight tip | 220mm<br>straight tip | 240mm<br>straight tip |
|-------------------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|
| 0.3mm tip (point) | flat plug | 700-650-180           | 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           |

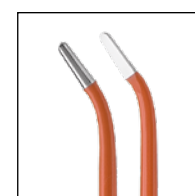
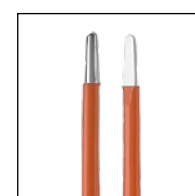


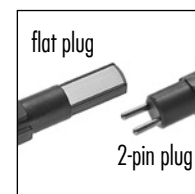
| Bayonet Shape,<br>angled up/angled down |           | 200mm<br>angled up tip | 220mm<br>angled up tip | 200mm<br>angled down tip | 220mm<br>angled down tip |
|-----------------------------------------|-----------|------------------------|------------------------|--------------------------|--------------------------|
| 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

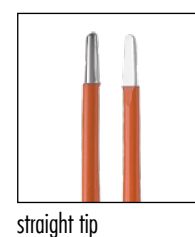


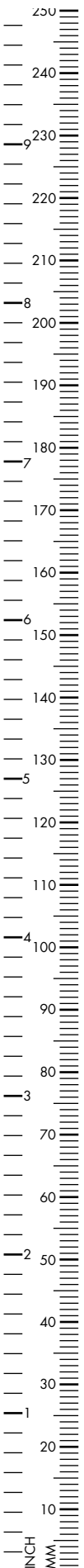
|                   |           | 150mm        |             | 180mm        |             |
|-------------------|-----------|--------------|-------------|--------------|-------------|
| Straight          |           | straight tip | angled tip  | straight tip | angled tip  |
| 0.3mm tip (point) | flat 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 |





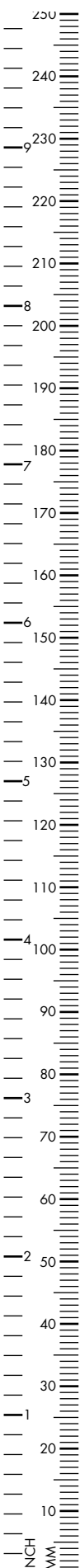
|                   |           | 180mm<br>straight tip | 200mm<br>straight tip |
|-------------------|-----------|-----------------------|-----------------------|
| Bayonet           |           |                       |                       |
| 0.3mm tip (point) | flat plug | 700-050-180           | 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<br>straight tip | 250mm<br>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 |

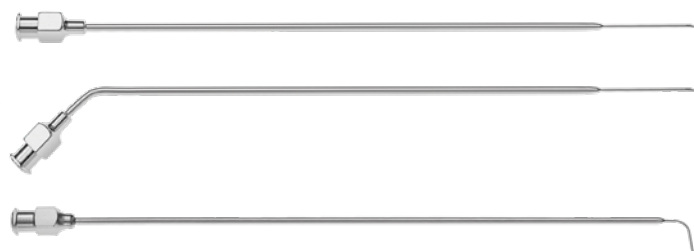
**EICKEN**Antrum Trocar Needle, 105mm, 4<sup>1</sup>/<sub>8</sub>"

|         |             |
|---------|-------------|
| 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 |
|---------|-------------|

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 |

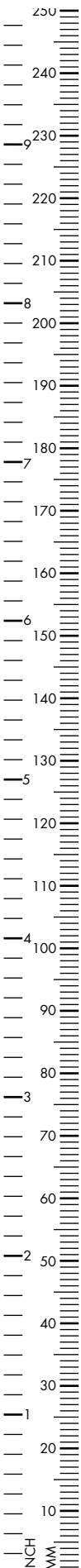
slightly curved

|         |             |
|---------|-------------|
| 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, 5<sup>3</sup>/<sub>4</sub>"

|         |             |
|---------|-------------|
| 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 |
|-----------|-------------|

**FERGUSON**

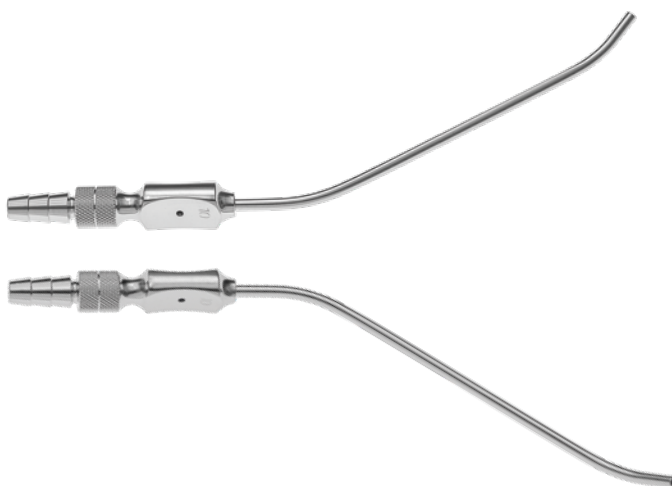
Suction Tube, 180mm, 7"

|                    |             |
|--------------------|-------------|
| 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**

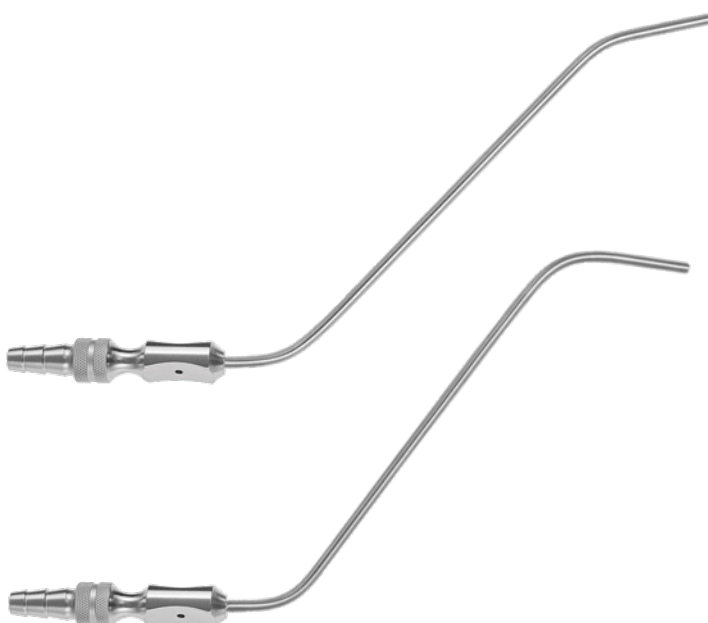
30° angled, with button tip, 100mm, 4"

|           |             |
|-----------|-------------|
| 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 |

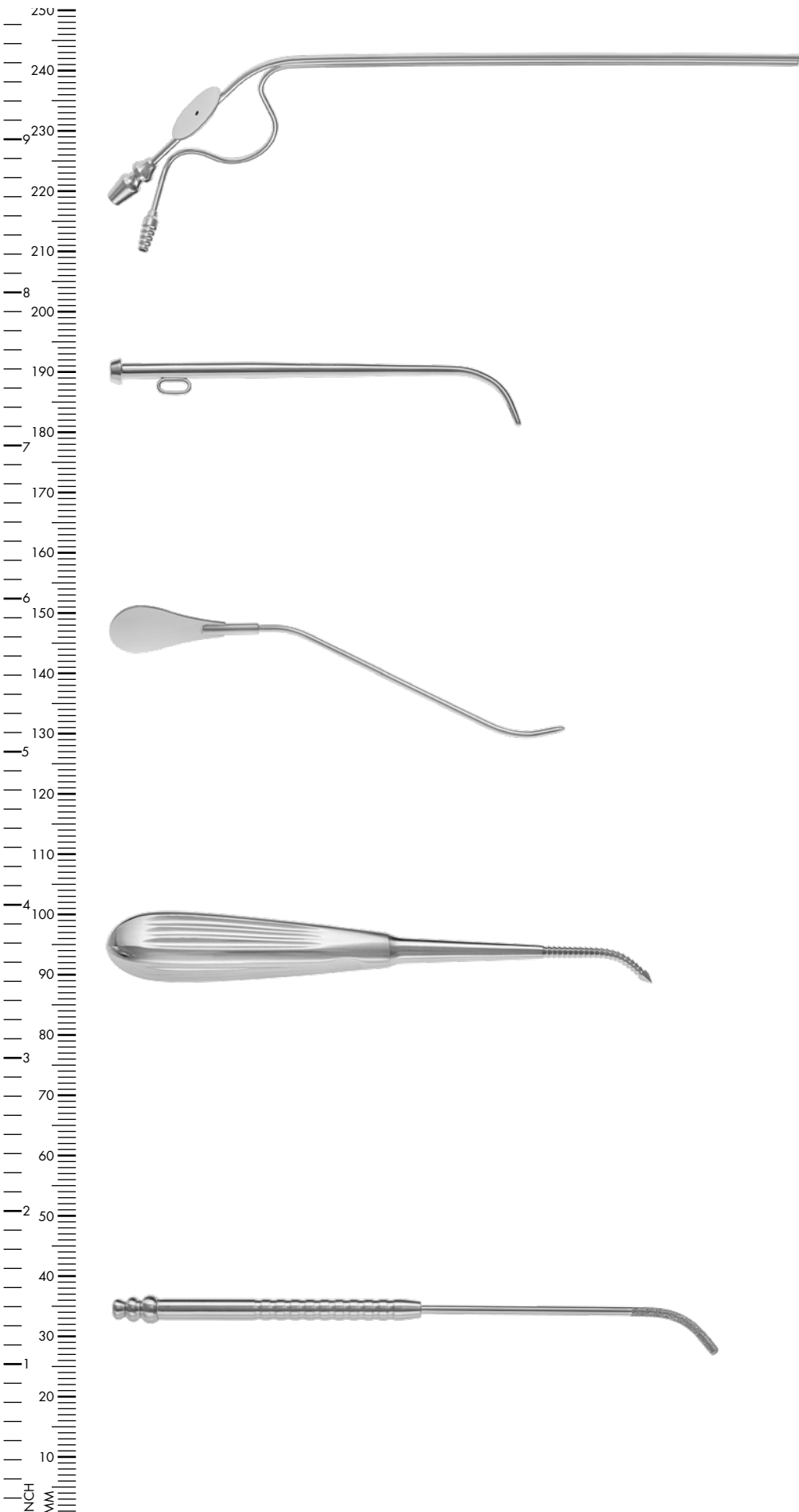
**FRAZIER**

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<br>slightly curved | 165-523-511 |
| Fig. 2<br>strongly curved | 165-523-512 |

**FISCH**

Suction/Irrigation Tube, 2.5 x 2.0mm

180mm, 7" 252-025-180

**SIEBENMANN**Irrigation 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

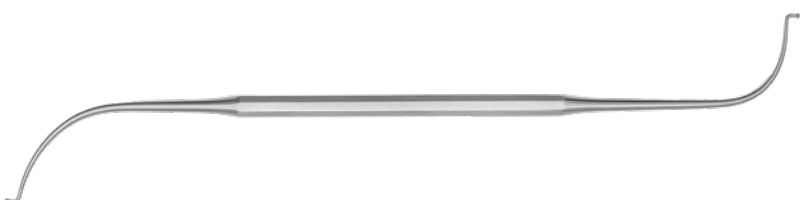
coarse

3mm 252-053-003

4mm 252-053-004

**KUHN-BOLGER**

Double Instrument, hook angled to the right

210mm, 8<sup>1/4</sup>" 252-025-210**KUHN-BOLGER**Double Instrument, probes angled to side  
70°/90°210mm, 8<sup>1/4</sup>" 252-026-210Double Instrument, Ostium probe, double-ended  
ball probe: 1.2mm / 2.0 mm210mm, 8<sup>1/4</sup>" 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<sup>1/4</sup>" 410-101-160

Sickle knife, sharp, 200mm, 8"

sharp 252-205-190

blunt 252-215-190

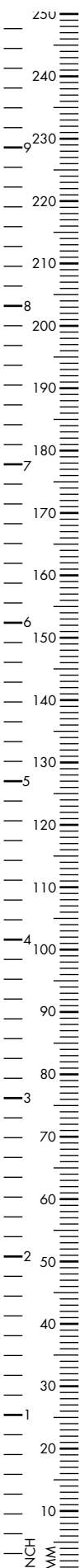
**HALLE**Antrum Curette, malleable, 210mm, 8<sup>1</sup>/<sub>4</sub>"

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<sup>1</sup>/<sub>2</sub>" 252-008-190

**KUHN-BOLGER**Antrum Spoon, 190mm, 7<sup>1/2</sup>"

55° curved 252-172-190

90° curved 252-173-190

**UFFENORDE**Bone Curette, 170mm, 6<sup>2/3</sup>"

45° angled right 210-345-007

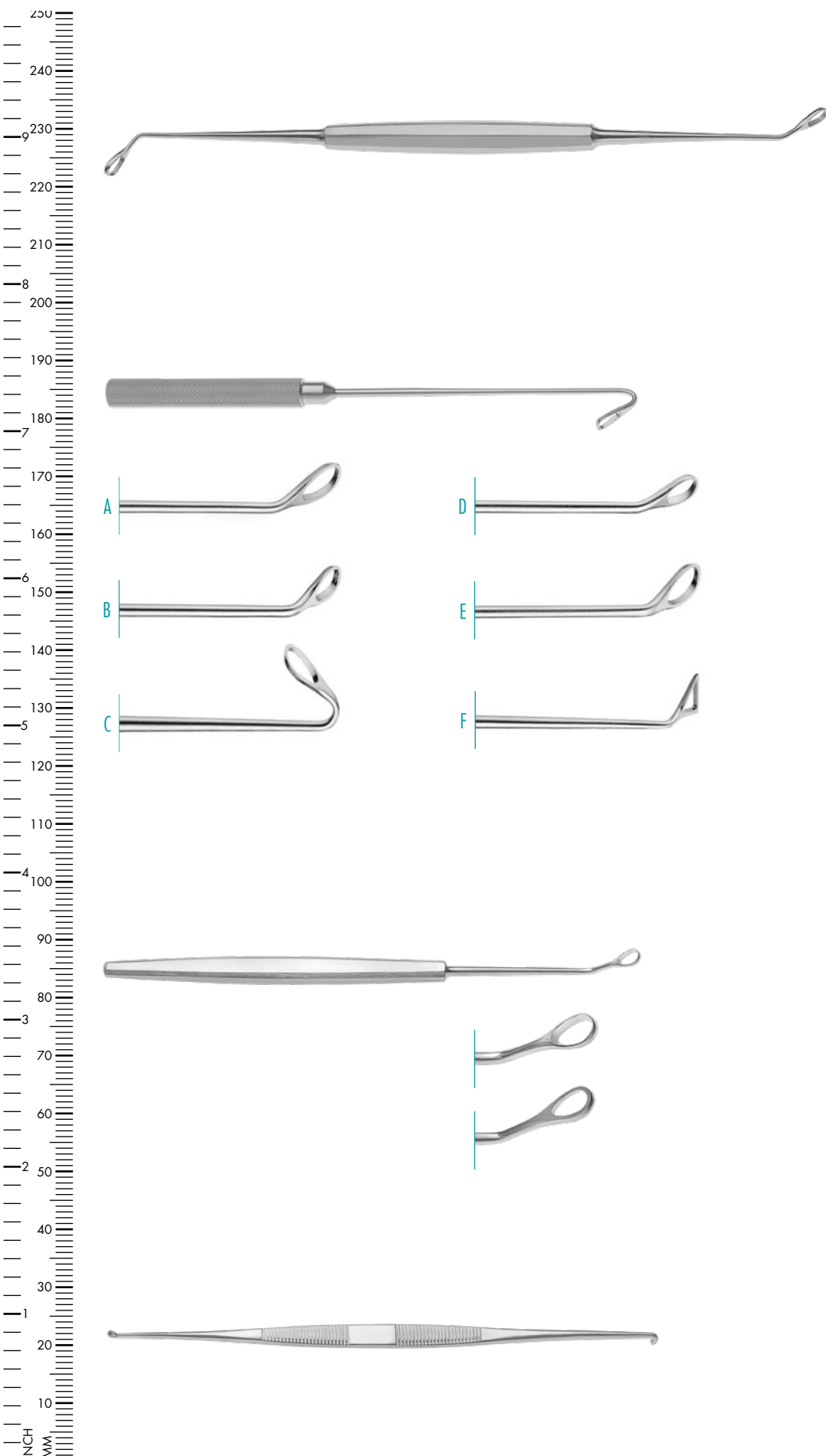
45° angled left 210-347-007

**FAULKNER**

Antrum Curette

220mm, 8<sup>2/3</sup>" 252-071-220**FAULKNER**Antrum Curette, malleable, 220mm, 8<sup>2/3</sup>"

5 x 9mm ring 252-071-222

**HALLE**

Antrum Curette

245mm, 9<sup>2</sup>/<sub>3</sub>"

252-072-063

**COAKLEY**Antrum Curette, rigid shank, 170mm, 6<sup>2</sup>/<sub>3</sub>"

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, 7<sup>1</sup>/<sub>2</sub>"

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

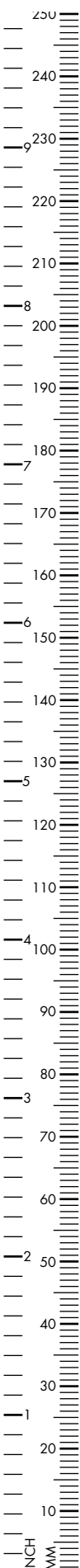
|            |             |
|------------|-------------|
| 200 x 25mm | 170-975-250 |
|------------|-------------|



Orbital Protector

|               |             |
|---------------|-------------|
| 235mm, 9 1/4" | 252-042-235 |
|---------------|-------------|





Antrum Punch, 3.5 x 3.7mm bite,  
110mm / 4<sup>1</sup>/<sub>3</sub>" 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, 6<sup>2</sup>/<sub>3</sub>" 252-535-170



#### MCKENTY

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

120mm, 4<sup>3</sup>/<sub>4</sub>" 252-147-120

1.6 x 2.0mm

170mm, 6<sup>2</sup>/<sub>3</sub>" 252-146-170

**MCKENTY**

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

170mm, 6<sup>2</sup>/<sub>3</sub>"

252-151-170

**CITELLI**

Bone punch, 1.5 mm, through cutting

170mm, 6<sup>2</sup>/<sub>3</sub>"

252-147-170

**BEYER**

Bone punch, 2.0 mm, through cutting

170mm, 6<sup>2</sup>/<sub>3</sub>"

252-148-170

**HAJEK-KOFLER**

Bone Nibbler, 3.5 x 3.5mm,  
140mm, 5<sup>1</sup>/<sub>2</sub>"

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"

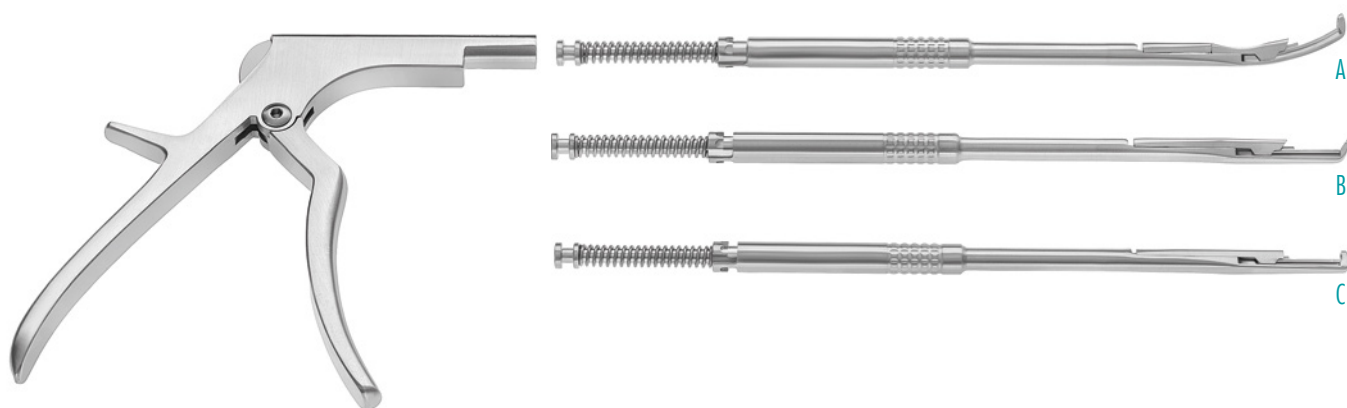
90° upwards cutting

|     |               |
|-----|---------------|
| 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 |



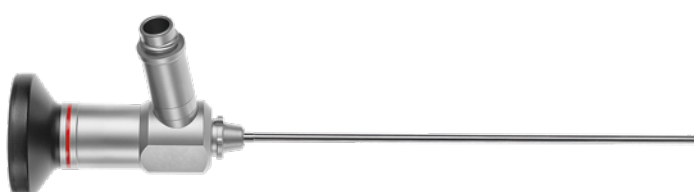
Sinuscope, autoclavable, Ø 2.7mm,  
180mm, 7"

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



Sinuscope, autoclavable, Ø 2.7mm,  
110mm, 4<sup>1</sup>/<sub>3</sub>"

|       |             |
|-------|-------------|
| ● 0°  | 252-127-200 |
| ● 30° | 252-127-230 |



Sinuscope, Ø 3.0mm,  
140mm, 5<sup>1</sup>/<sub>2</sub>"

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

Flat Handle for Sinusscopes, 120mm, 4<sup>3/4</sup>"

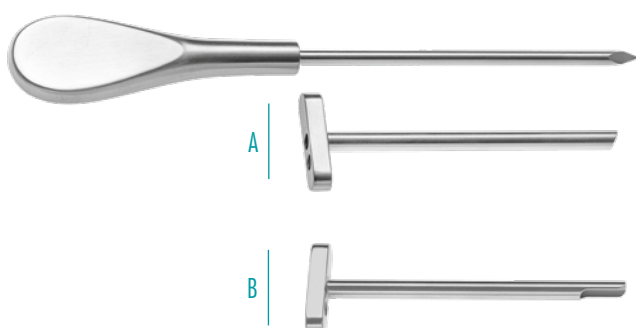
for Ø 4.0mm 251-104-001

for Ø 2.7mm 251-127-001

Round Handle for Sinusscopes, 120mm, 4<sup>3/4</sup>"

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

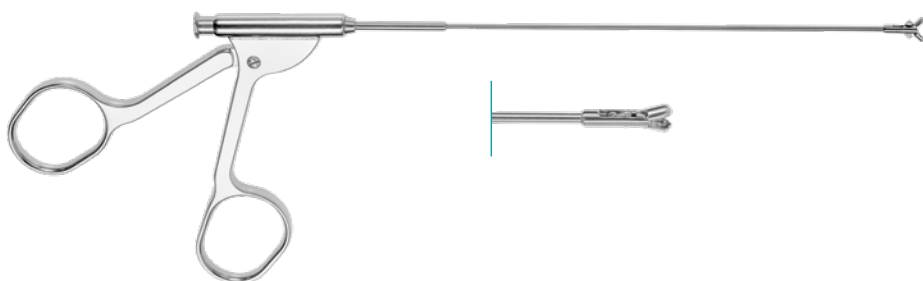
A oblique end 251-127-120



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"

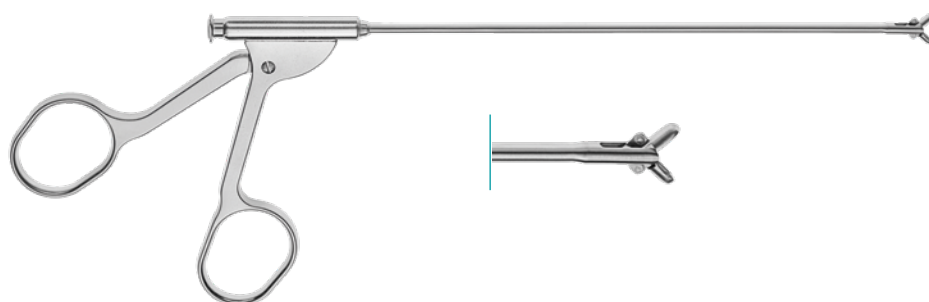
252-503-140



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

180mm, 7"

252-174-180

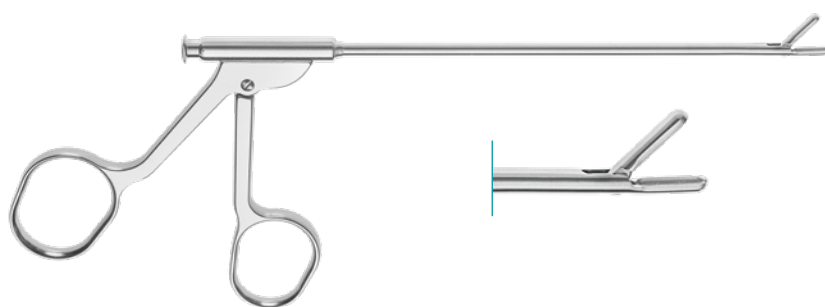


Biopsy and Grasping Forceps,  
3mm round cup, straight

150mm, 6"

252-503-150

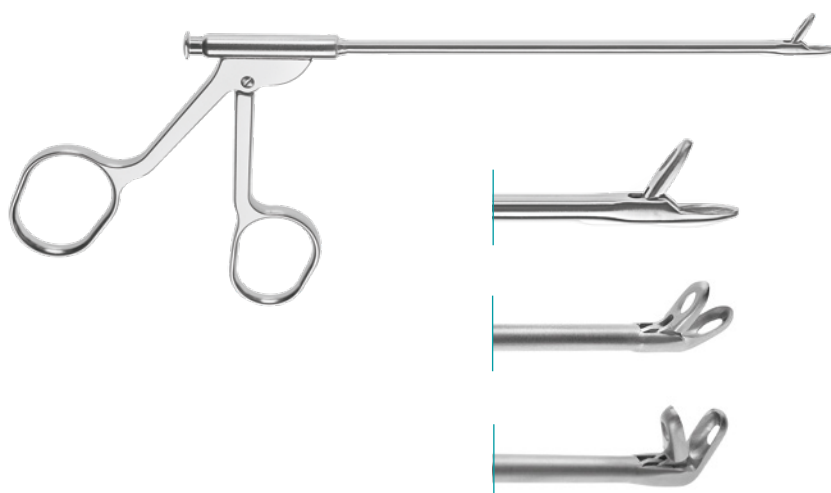


**TAKAHASHI**

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

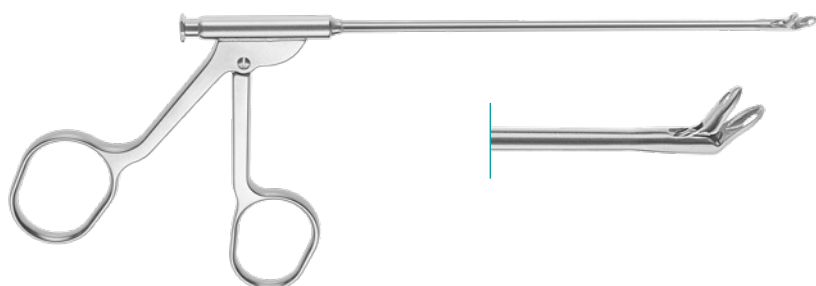
Size 1, 3.0mm 252-037-131

Size 2, 3.5mm 252-037-132

Size 3, 4.0mm 252-037-133

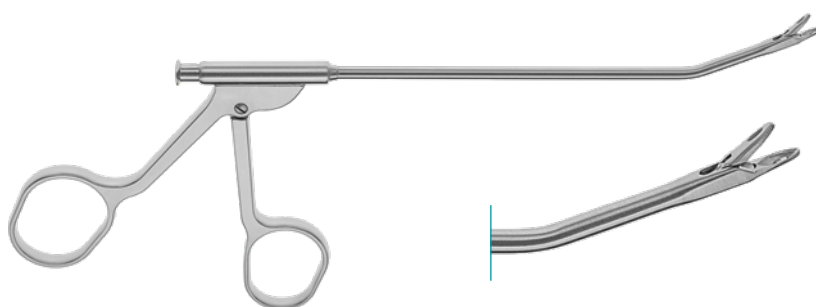
Size 4, 5.0mm 252-037-134

Size 5, 6.0mm 252-037-135

**STRUEMPEL-VOSS**

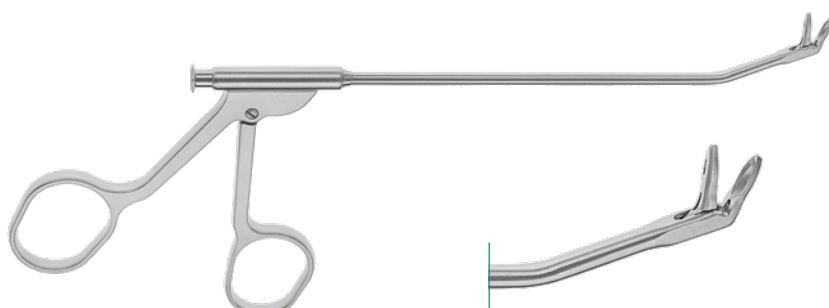
Ethmoidal Forceps, 90° curved to the right,  
45° upwards, 130mm, 5<sup>1</sup>/<sub>8</sub>"

|        |             |
|--------|-------------|
| 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 |

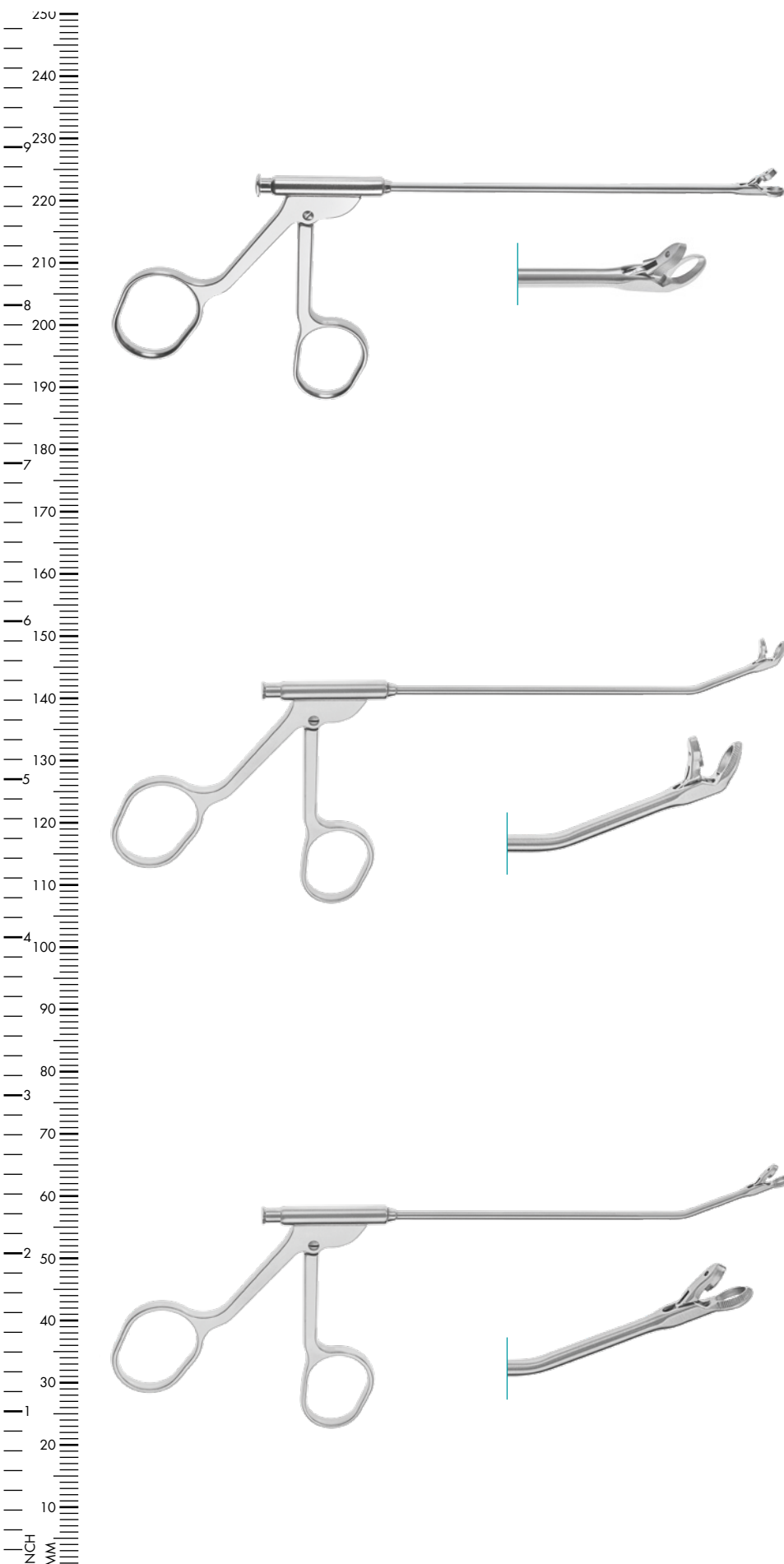
**BLAKESLEY**Ethmoidal Forceps, straight, 130mm, 5<sup>1</sup>/<sub>8</sub>"

Fig. 0, 3.0mm 252-004-130

Fig. 1, 3.5mm 252-004-131

Fig. 2, 4.0mm 252-004-132

45° curved up

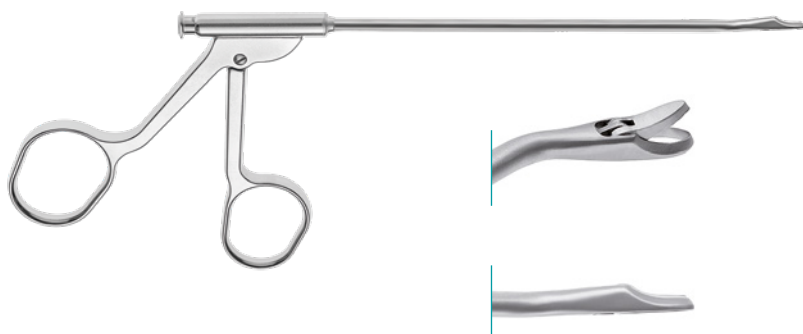
Fig. 0, 3.0mm 252-014-130

Fig. 1, 3.5mm 252-014-131

Fig. 2, 4.0mm 252-014-132

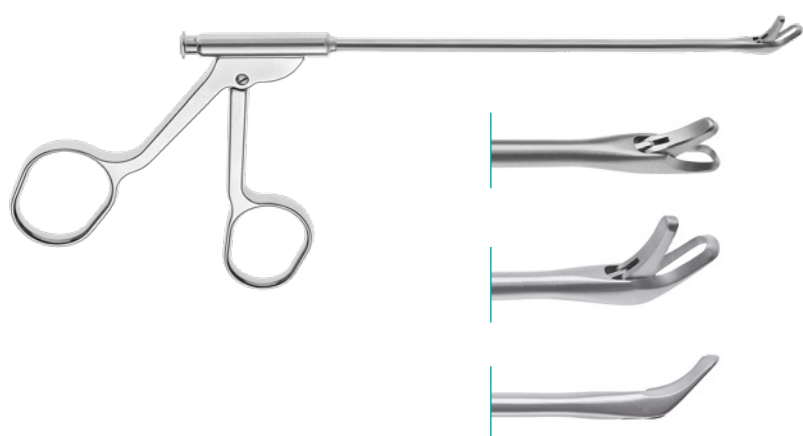
**BLAKESLEY**Spoon Forceps, cutting, 2.7mm,  
45° angled up, sheath 25° bent up130mm, 5<sup>1</sup>/<sub>8</sub>" 252-214-130**BLAKESLEY**Spoon Forceps, cutting, 2.7mm,  
straight sheath, sheath 25° bent up

252-204-130

**BLAKESLEY**

Ethmoidal Forceps, through-cutting,  
115mm, 4<sup>1/2</sup>"

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

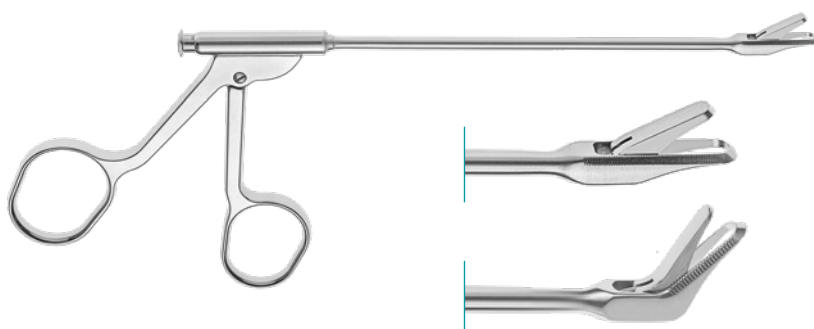
**DUCKBILL**

Duckbill Punch, straight,  
130mm, 5<sup>1/8</sup>" 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 |

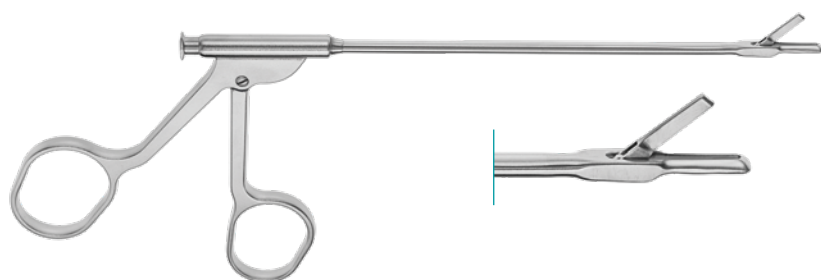
upwards curved

|                    |             |
|--------------------|-------------|
| 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<sup>1/8</sup>" working length

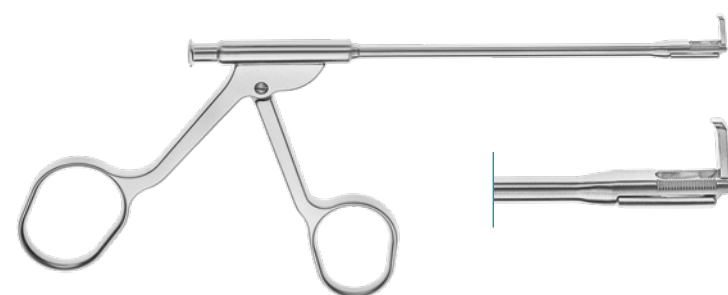
|              |             |
|--------------|-------------|
| straight     |             |
| 8.0 x 3.0mm  | 252-013-130 |
| 11.5 x 3.5mm | 252-014-135 |
| upcurved     |             |
| 8.0 x 3.0mm  | 252-013-145 |
| 11.5 x 3.5mm | 252-014-145 |

**STRUYCKEN**

Ethmoidal Forceps

130mm, 5 1/8"

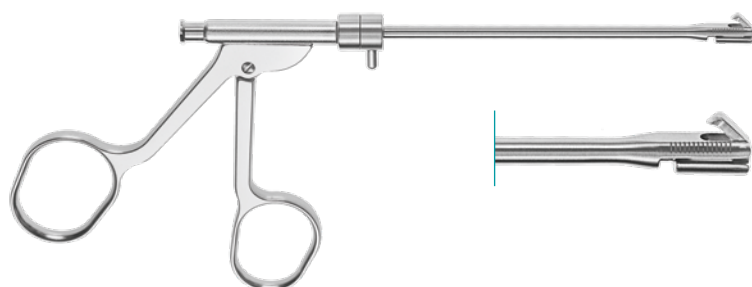
252-003-130

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

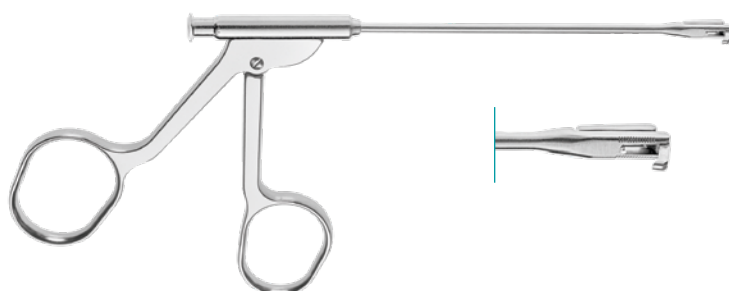
upside cutting 252-015-100

right side cutting 252-115-100

left side cutting 252-215-100

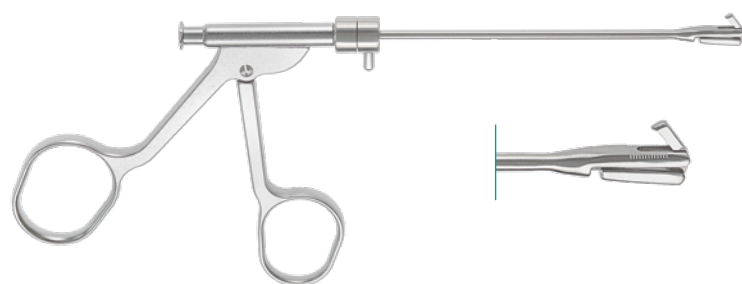
**OSTROM**Antrum punch, 2.5mm bite, backwards cutting,  
360° rotatable,100mm, 4"  
working length

252-315-100

**OSTROM**

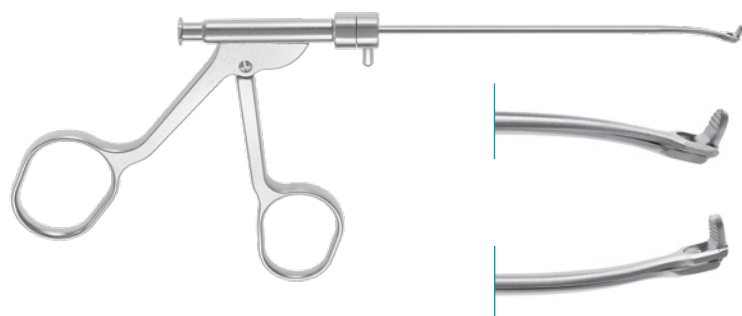
Antrum punch, 1.5mm bite, backwards cutting,  
100mm, 4" working length

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

**OSTROM**

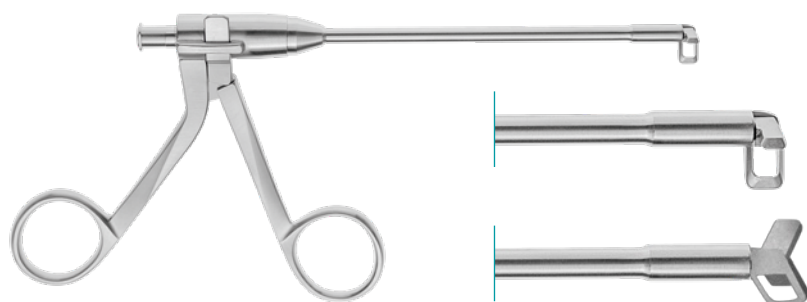
Antrum punch, 1.5mm bite, backwards cutting,  
360° rotatable

|                             |             |
|-----------------------------|-------------|
| 100mm, 4"<br>working length | 252-310-100 |
|-----------------------------|-------------|

**OSTROM**

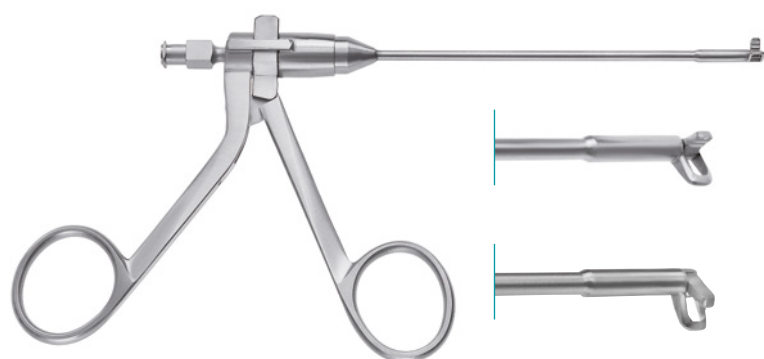
Ethmoidal Forceps, rotating, micro bite  
100mm, 4"

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

**SIDECUTTER**

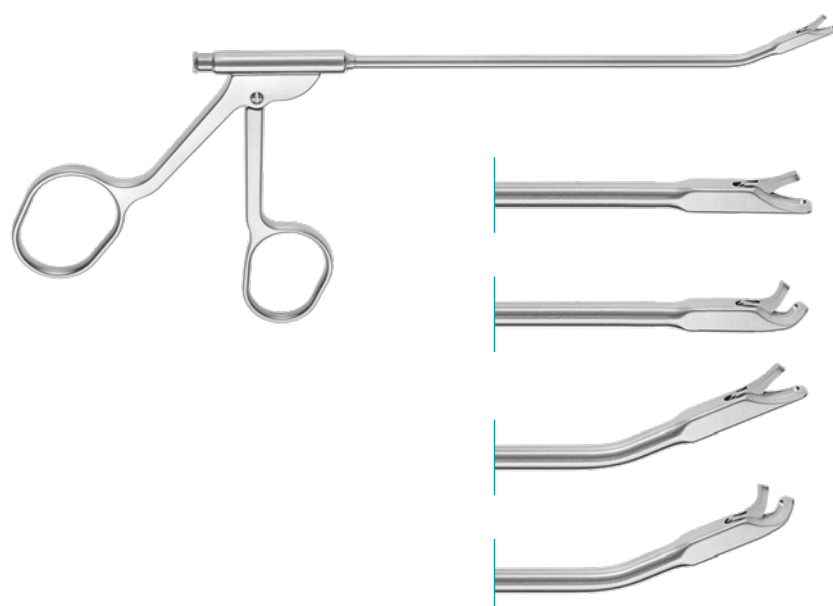
Antrum punch, 3.5mm bite,  
100mm, 4" working length

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

**SIDECUTTER**

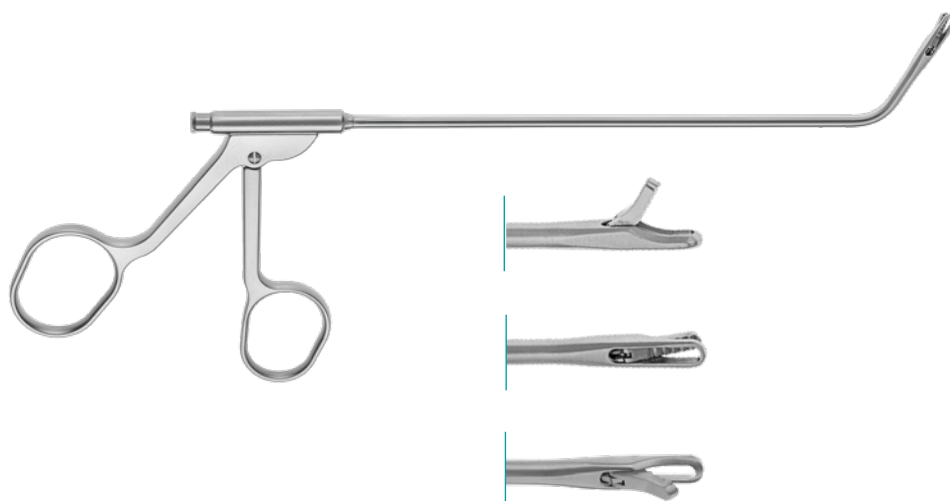
Antrum punch, 2.5mm bite,  
100mm, 4" working length

|                        |             |
|------------------------|-------------|
| 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<sup>1/8</sup>" working length

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

**NICOLAI**

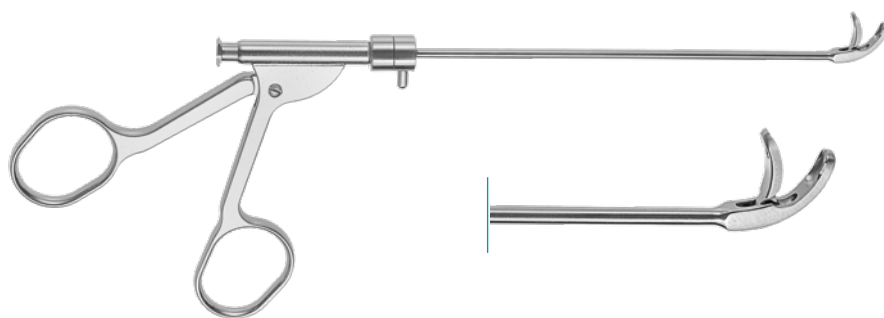
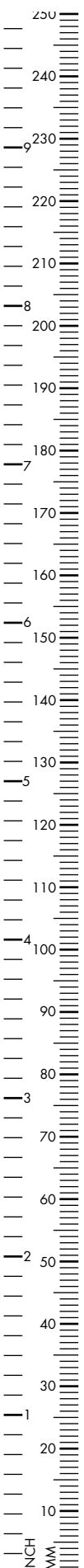
Antrum Forceps, 2mm bite, 65° curved up

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

**HEUWIESER**Antrum Grasping Forceps, 90° curved, 130mm, 5<sup>1</sup>/<sub>8</sub>"

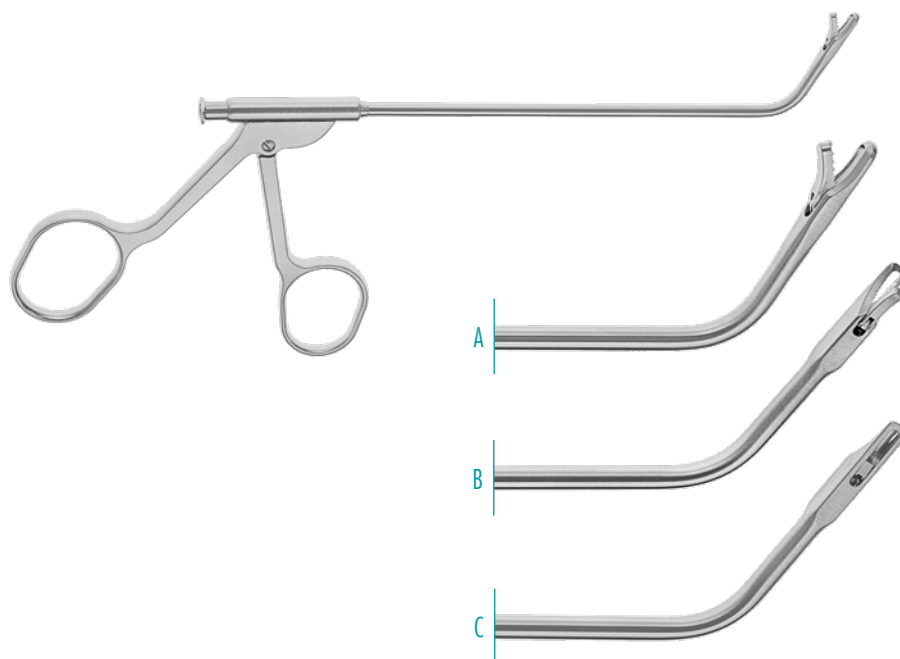
|                     |             |
|---------------------|-------------|
| A 120°              | 252-410-112 |
| backward opening    |             |
| B 120°              | 252-410-113 |
| right opening       |             |
| C 120°              | 252-410-111 |
| left opening        |           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



**HEUWIESER**

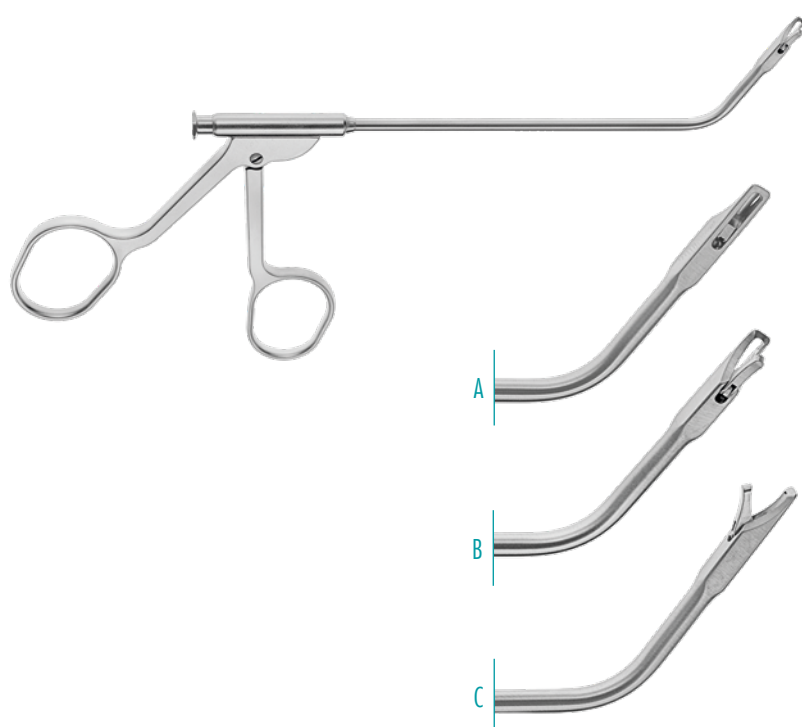
Antrum Grasping Forceps, rotating,  
130mm, 5 1/8"

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

**GRÜNWALD**

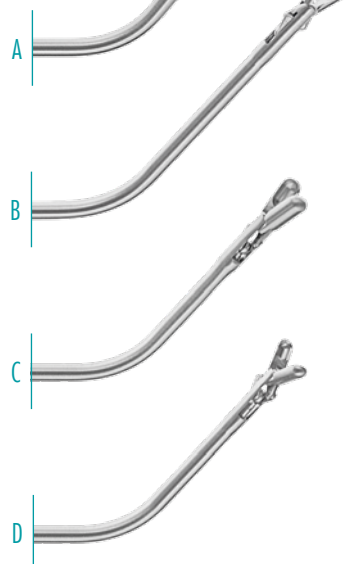
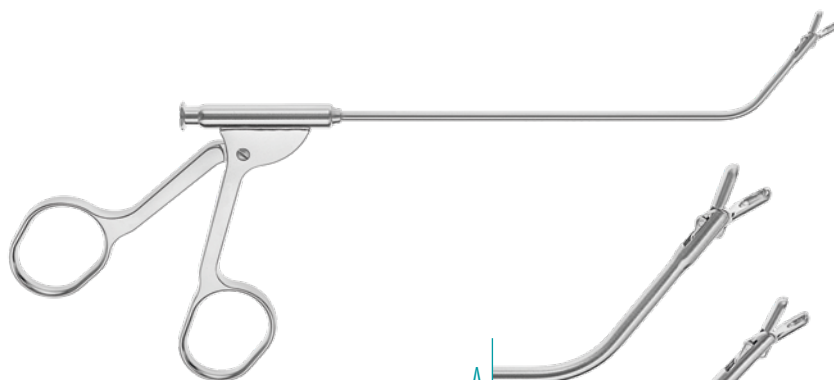
Sinuscopy Forceps, 70° curved up,  
2.0mm cut, 130mm, 5 1/8"

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

**KUHN**

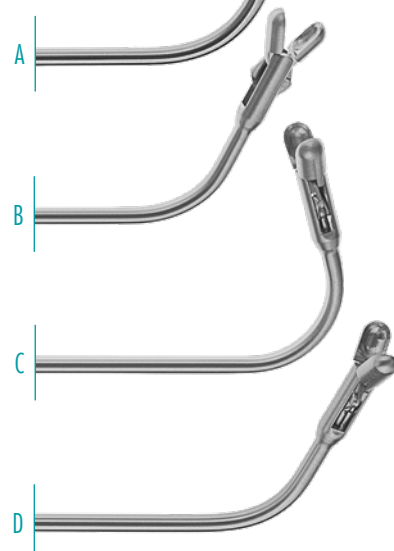
Ethmoidal Forceps, 60° curved up,  
1.5mm cut, through-cutting,  
120mm, 4 3/4"

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

**KUHN-BOLGER**

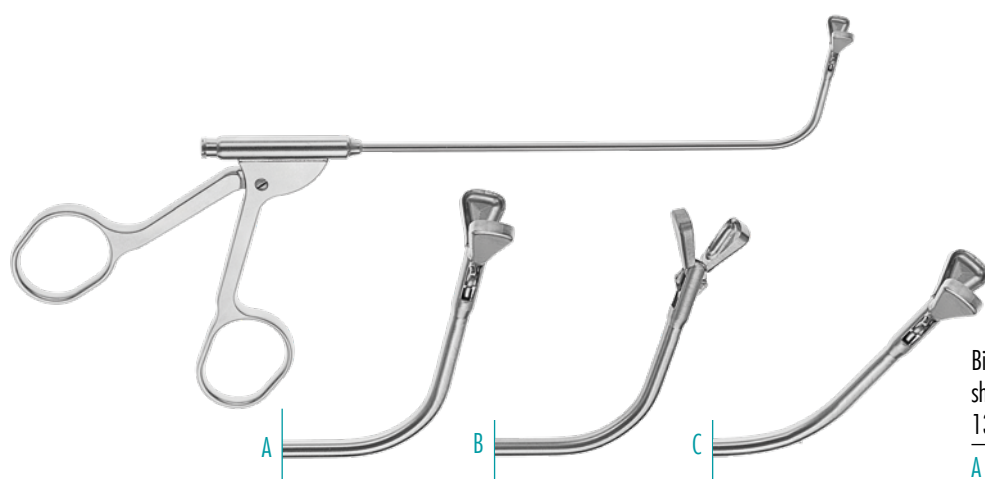
Giraffe Forceps, 55° angled up,  
130mm, 5<sup>1/8</sup>"

|                                |             |
|--------------------------------|-------------|
| A vertical action,<br>3x6 mm   | 252-343-120 |
| A vertical action,<br>2x4 mm   | 252-342-120 |
| C horizontal action,<br>3x6 mm | 252-353-120 |
| D horizontal action,<br>2x4 mm | 252-352-120 |

**RZ**

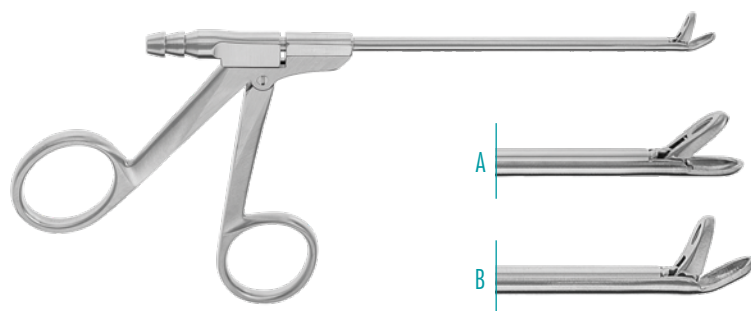
Giraffe Biopsy Forceps, 4x8mm  
130mm, 5<sup>1/8</sup>"

|                               |             |
|-------------------------------|-------------|
| A 110°,<br>vertical opening   | 252-570-120 |
| B 70°,<br>vertical opening    | 252-470-120 |
| C 110°,<br>horizontal opening | 252-770-120 |
| D 70°,<br>horizontal opening  | 252-670-120 |



Biopsy Forceps, horizontal opening,  
shaft 80° upcurved, pear-shaped  
130mm, 5 1/8"

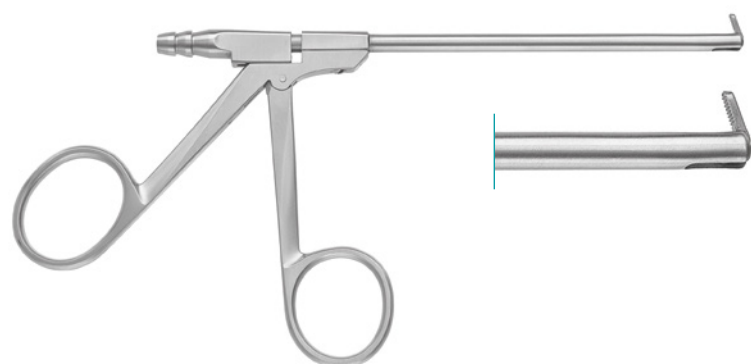
|                                    |             |
|------------------------------------|-------------|
| <b>A</b> horizontal opening        | 252-473-130 |
| <b>B</b> vertical opening          | 252-472-130 |
| <b>C</b> 45°<br>horizontal opening | 252-471-130 |



#### BLAKESLEY

Suction Punch, 3.5mm jaw,  
Ø 4.0mm shaft

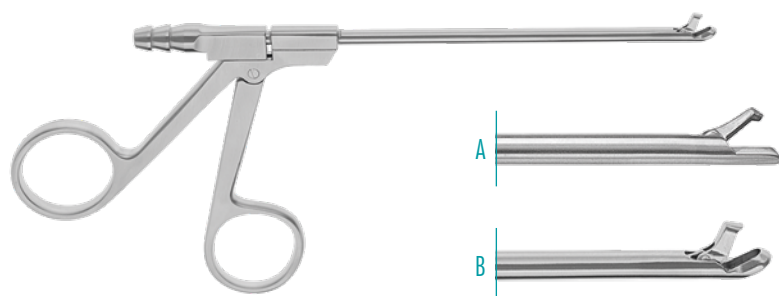
|                    |             |
|--------------------|-------------|
| <b>A</b> straight  | 252-022-100 |
| <b>B</b> curved up | 252-122-100 |



#### OSTROM

Suction Punch, 2.5mm jaw  
Ø 5.0mm shaft

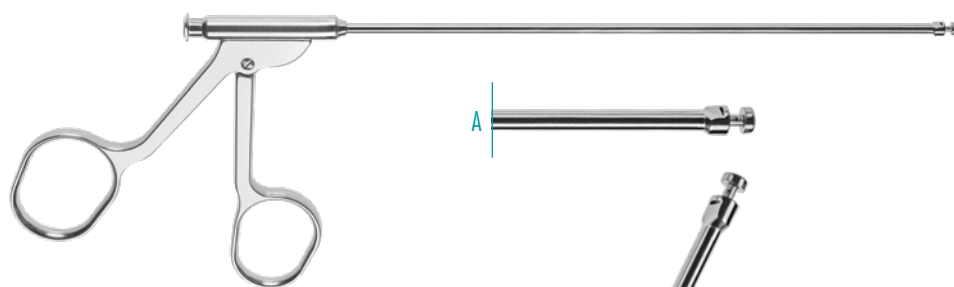
|        |             |
|--------|-------------|
| upside | 252-015-500 |
| right  | 252-015-520 |
| left   | 252-015-510 |



#### GRUENWALD

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

|                   |             |
|-------------------|-------------|
| <b>A</b> straight | 252-502-100 |
| <b>B</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

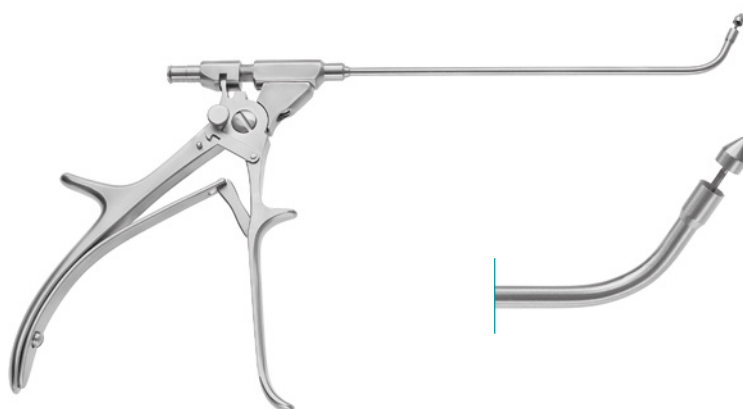
Ø 4.5mm 252-537-170

B



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

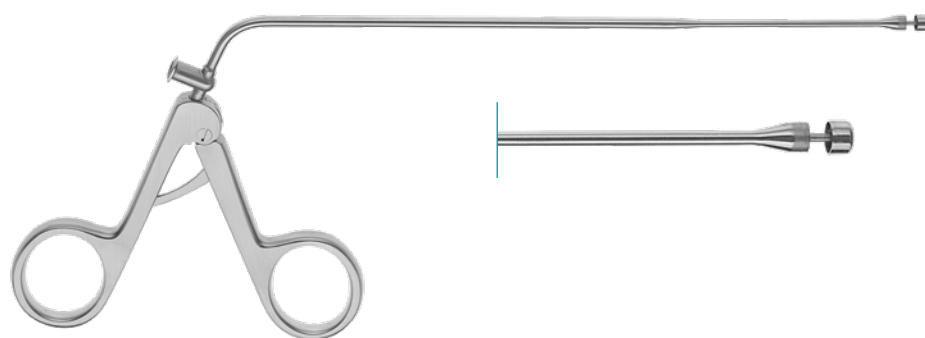
160mm, 6 1/4" 252-537-335



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

Ø 3.5mm 252-534-270

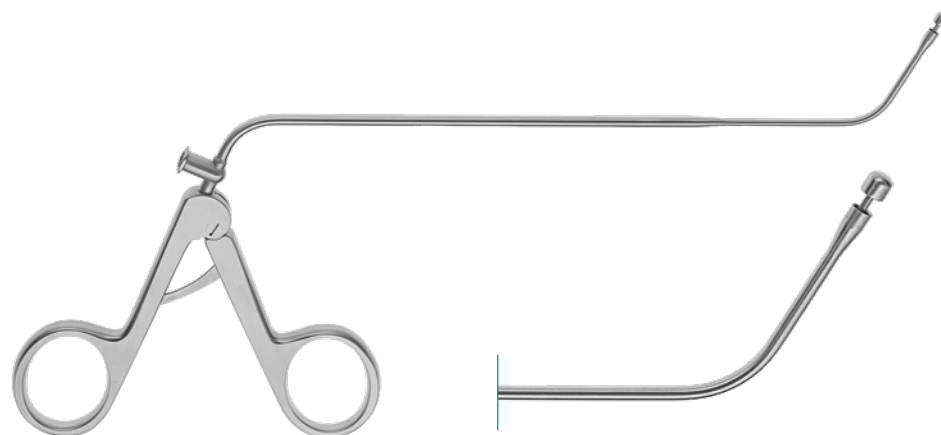
Ø 4.5mm 252-537-270



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

Ø 3.5mm 252-536-235

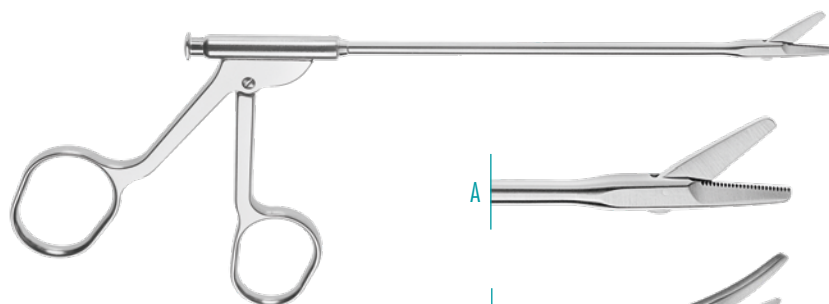
Ø 4.5mm 252-536-245



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, 5<sup>1</sup>/<sub>8</sub>"

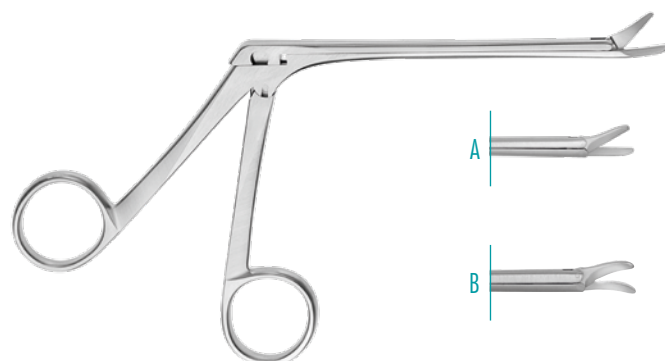
|                |             |
|----------------|-------------|
| A straight     | 252-023-130 |
| B left curved  | 252-024-130 |
| C right curved | 252-025-130 |
| D curved up    | 252-026-130 |



### OLIVECRONA

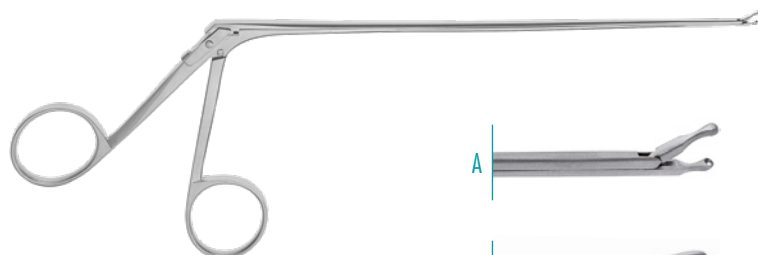
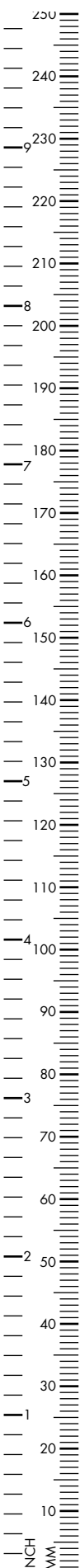
Nasal Scissors, serrated

230mm, 9" 120-208-230



Nasal Scissors, serrated upper blade,  
120mm, 4<sup>3</sup>/<sub>4</sub>"

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

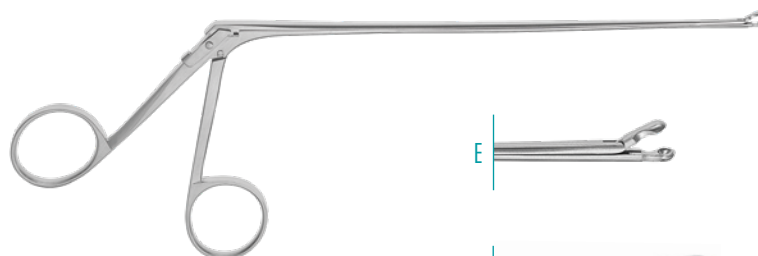


Oval Cup Forceps, 0.6mm jaw  
160mm working length

|                      |             |
|----------------------|-------------|
| 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 |

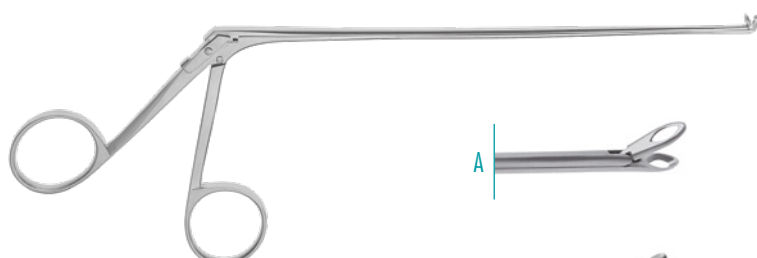


Oval Cup Forceps, 2.5mm jaw  
160mm working length

|                      |             |
|----------------------|-------------|
| 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 |

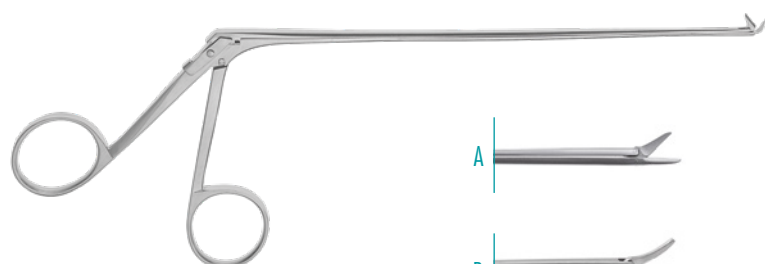
**STRÜMPEL**

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 |



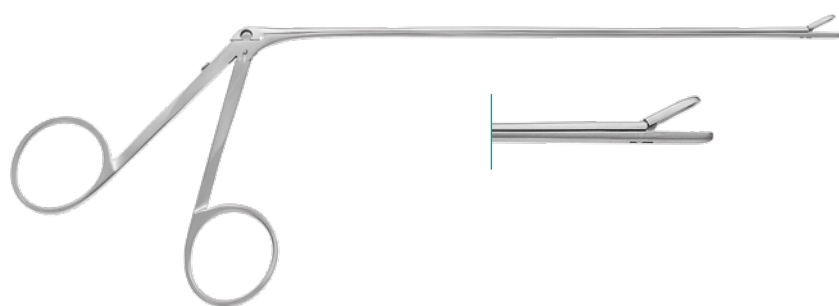
Scissors, 5mm blade,  
160mm working length

|                  |             |
|------------------|-------------|
| 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

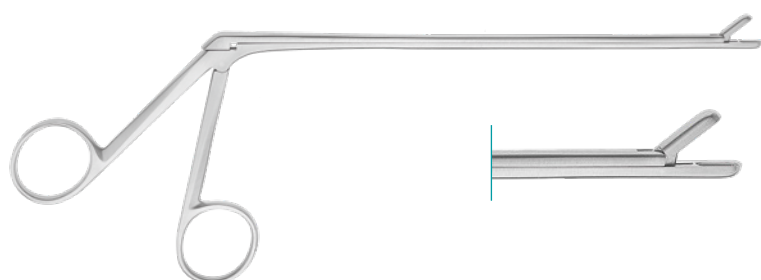
|                  |             |
|------------------|-------------|
| A straight       | 252-830-190 |
| B right curved   | 252-831-190 |
| C left curved    | 252-833-190 |
| D upwards angled | 252-835-190 |



**DECKER**

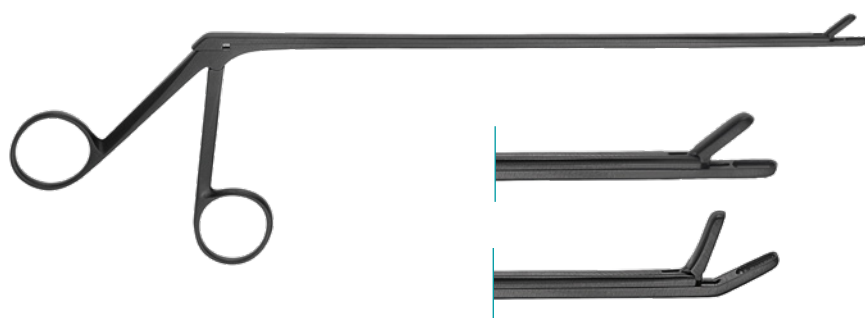
Rongeur, fine model, 2x6mm jaw  
150mm, 6"

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

**DECKER**

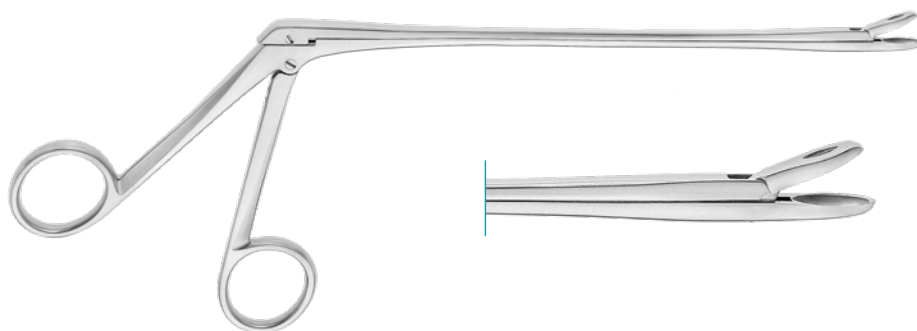
Rongeur, 2x6mm jaw, straight

|           |             |
|-----------|-------------|
| 150mm, 6" | 250-067-817 |
|-----------|-------------|



Micro Rongeur, CERA-CUT®  
2mm jaw, 170mm, 6<sup>2/3</sup>"

|          |               |
|----------|---------------|
| 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

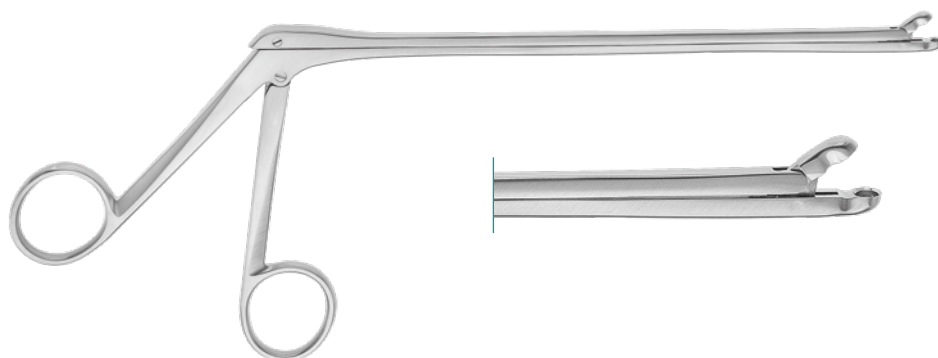
4.0mm 252-040-180

upwards angled

3.0mm 252-030-181

3.5mm 252-035-181

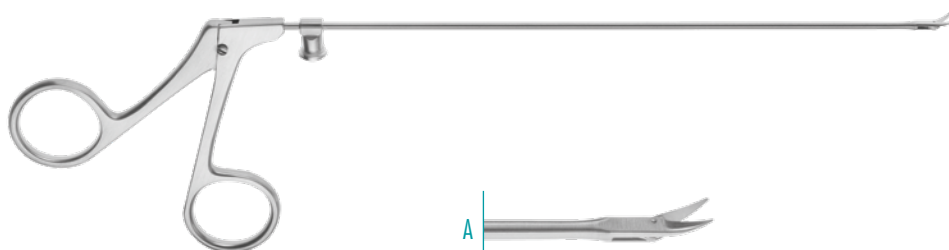
4.0mm 252-040-181

**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 |

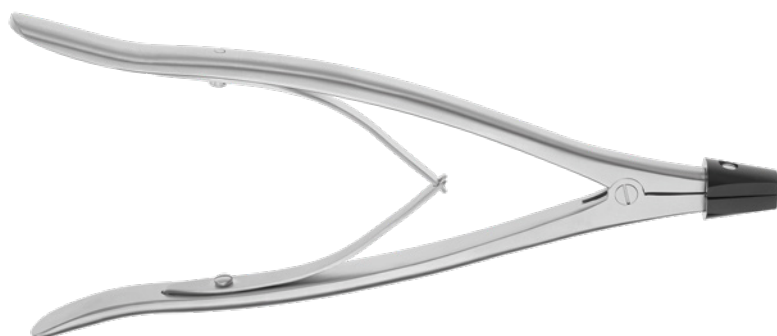
Key for specula

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 |

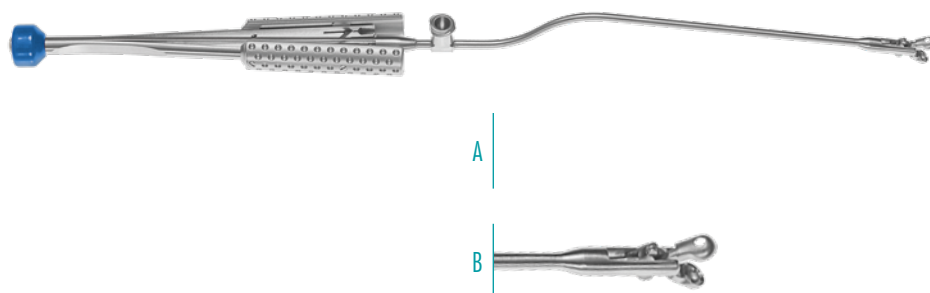
**LANDOLT**

Spreader for specula

|                                        |             |
|----------------------------------------|-------------|
| 210mm, 8 <sup>1</sup> / <sub>4</sub> " | 250-150-210 |
|----------------------------------------|-------------|

**BAYOSPHERE**

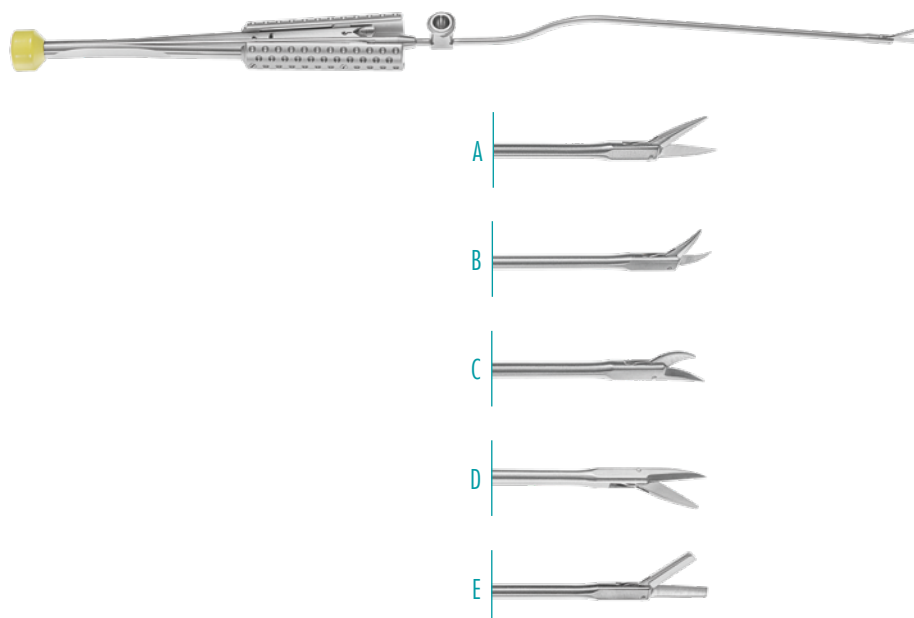
Micro Instruments, bayonet-shaped, 100mm working length

**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**

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

**BAYOSPHERE**

Micro Instruments, bayonet-shaped, 100mm working length

**Micro Grasping Forceps**

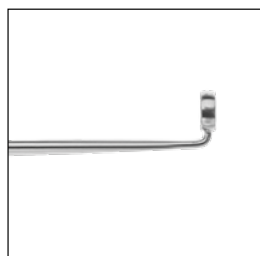
|          |                     |             |
|----------|---------------------|-------------|
| <b>A</b> | 0.5mm, smooth       | 252-800-405 |
| <b>B</b> | 3.0mm, serrated     | 252-800-430 |
| <b>C</b> | 0.75mm, left curved | 252-800-475 |

**Micro Needle Holder**

|          |                    |             |
|----------|--------------------|-------------|
| <b>A</b> | 2x6mm, straight    | 252-800-510 |
| <b>B</b> | 1x6mm, left curved | 252-800-511 |

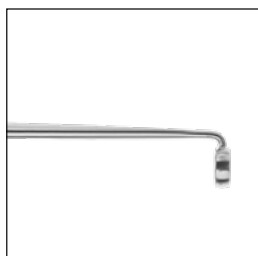
**YASARGIL Clip Applying Forceps**

|          |                |             |
|----------|----------------|-------------|
| <b>A</b> | Standard Clips | 252-800-810 |
| <b>B</b> | Mini Clips     | 252-800-820 |

**HARDY**Ring Curette, bayonet-shaped, 240mm, 9<sup>1</sup>/<sub>2</sub>"

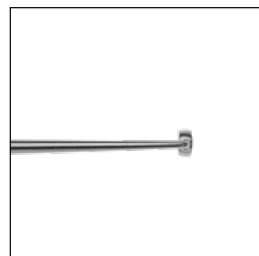
upwards angled

Ø 3mm 250-066-500  
Ø 5mm 250-066-501



downwards angled

Ø 3mm 250-066-502  
Ø 5mm 250-066-503



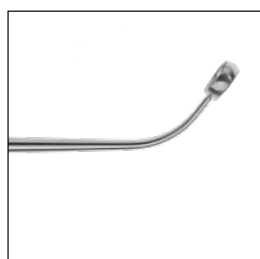
90° curved left

Ø 3mm 250-066-504  
Ø 5mm 250-066-505



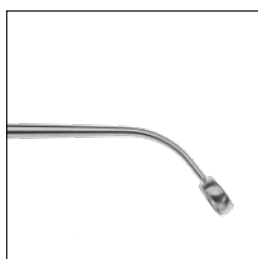
45° curved right

Ø 3mm 250-066-506  
Ø 5mm 250-066-507



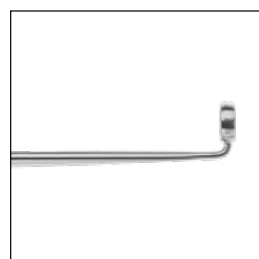
left curved

Ø 5mm 250-066-508

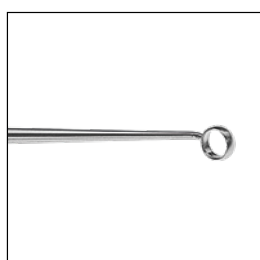


right curved

Ø 5mm 250-066-509

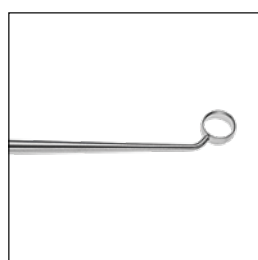
260mm, 10<sup>1</sup>/<sub>4</sub>", malleable

Ø 4mm 250-066-631  
Ø 6mm 250-066-632

**RAY**Ring Curette, 190mm, 7<sup>1</sup>/<sub>2</sub>"

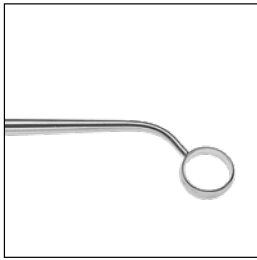
45° horizontal curved

Ø 4mm 250-066-611



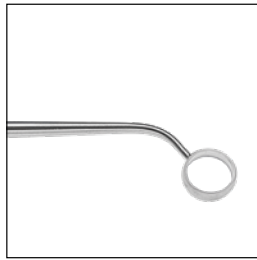
45° vertically curved

Ø 4mm 250-066-614

**NICOLA**Ring Curette, 210mm, 8<sup>1</sup>/<sub>4</sub>"

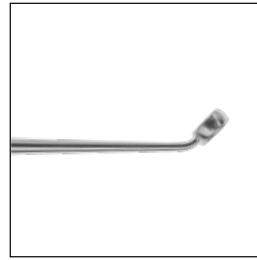
cutting to right

Ø 6.5mm 250-066-616



cutting to left

Ø 6.5mm 250-066-617



curved up

Ø 6.5mm 250-066-618

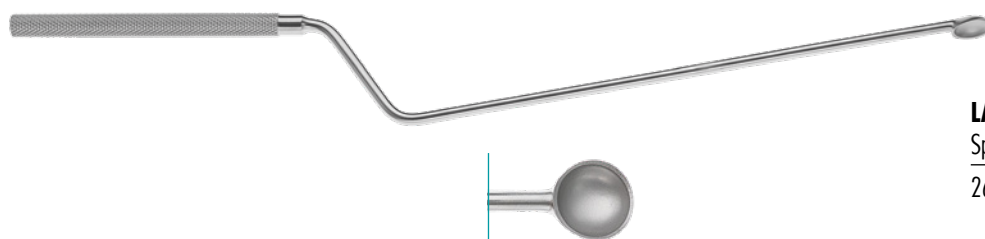
**FAHLBUSCH**

Ring Curette, 90°, Ø 2.5mm, malleable

260mm, 10<sup>1</sup>/<sub>4</sub>" 250-066-637**LANDOLT-REULEN**

Ring Curette, 45°, Ø 2.5mm

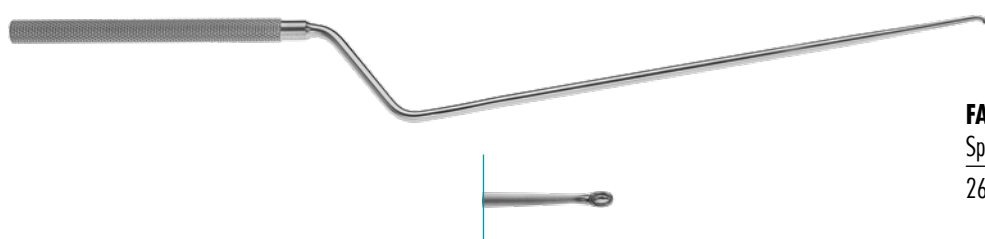
260mm, 10<sup>1</sup>/<sub>4</sub>" 250-066-642

**LANDOLT**

Spoon, malleable

260mm, 10<sup>1</sup>/<sub>4</sub>"

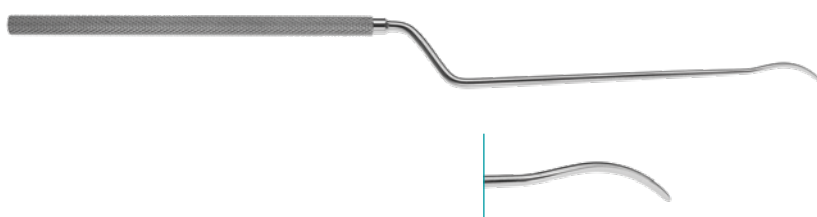
250-066-628

**FAHLBUSCH**

Spoon, malleable

260mm, 10<sup>1</sup>/<sub>4</sub>"

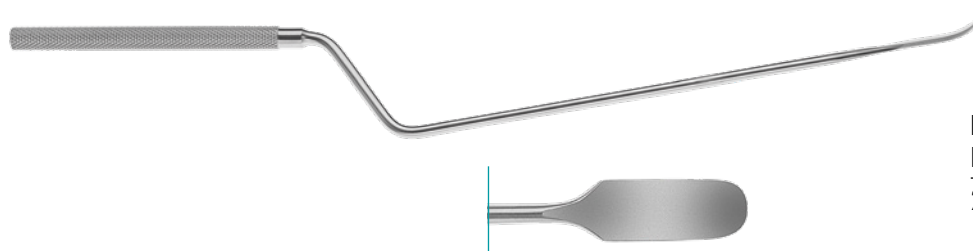
250-066-635

**NICOLA**

Raspatory, 2mm

215mm, 8<sup>1</sup>/<sub>2</sub>"

250-066-619

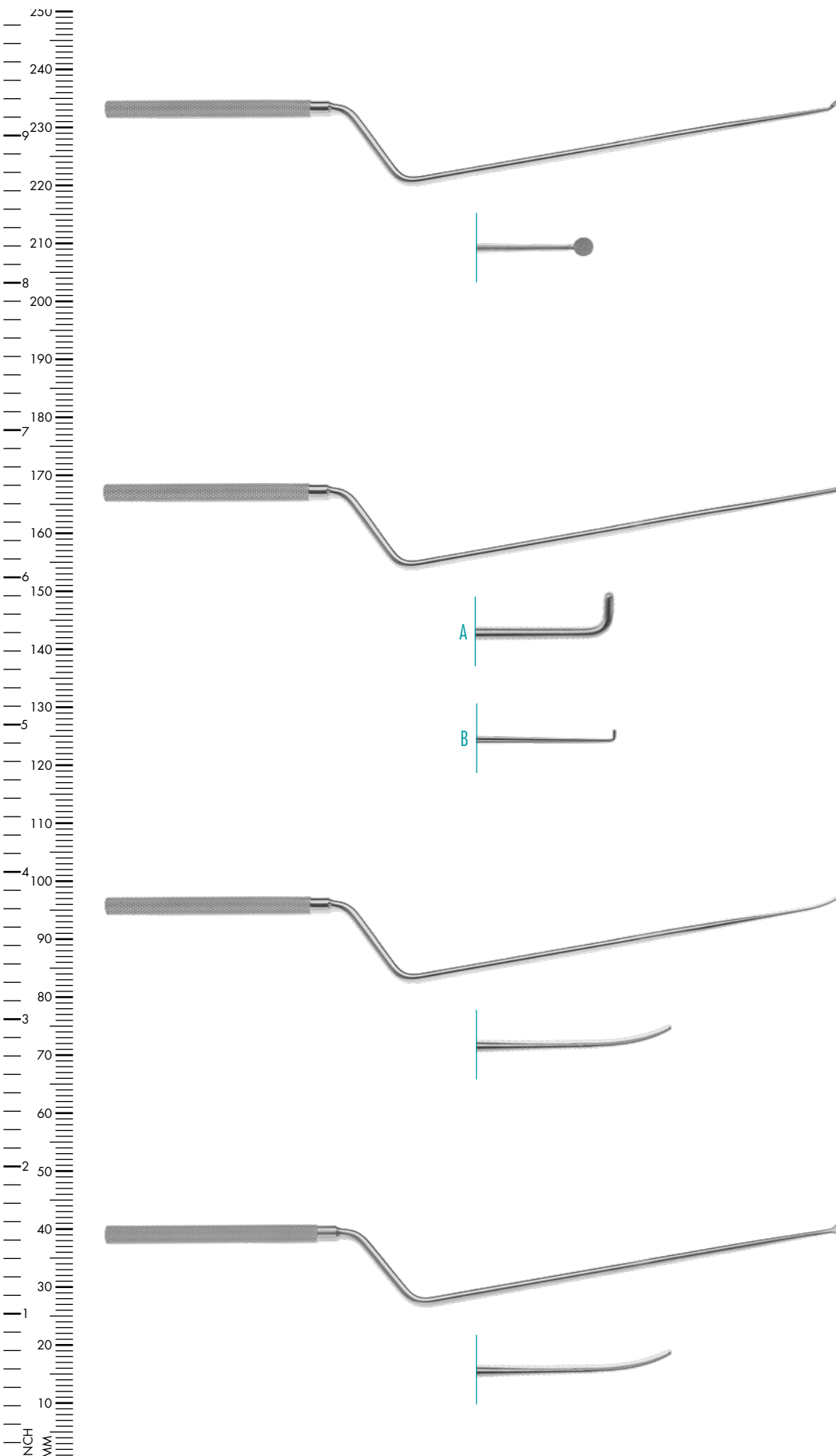
**LANDOLT**

Raspatory, malleable

260mm, 10<sup>1</sup>/<sub>4</sub>"

250-066-627



**LANDOLT-REULEN**

Raspatory, 260mm, 10<sup>1/4</sup>"  
malleable

Ø 2.2mm

250-066-640

**LANDOLT**

Hook, blunt

A 260mm, 10<sup>1/4</sup>"

250-066-629

**LANDOLT-REULEN**

Hook, blunt

B 260mm, 10<sup>1/4</sup>"

250-066-643

**LANDOLT-REULEN**

Dissector, Ø 2.0mm

260mm, 10<sup>1/4</sup>"

250-066-644

**HOSOBUCHI**

Fork Spatula

260mm, 10<sup>1/4</sup>"

250-066-630

**HARDY**Enucleator, blunt, 245mm, 9<sup>2</sup>/<sub>3</sub>"

A curved left 250-066-620

B curved right 250-066-621

**HARDY-FAHLENBUSCH**Enucleator, fine, sharpened inner edge, 245mm, 9<sup>2</sup>/<sub>3</sub>"

C curved left 250-066-608

D curved right 250-066-609

**LANDOLT**Enucleator, malleable, 260mm, 10<sup>1</sup>/<sub>4</sub>" blunt

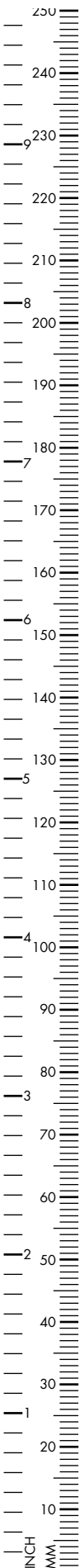
A right 250-066-625

B left 250-066-655

sharp

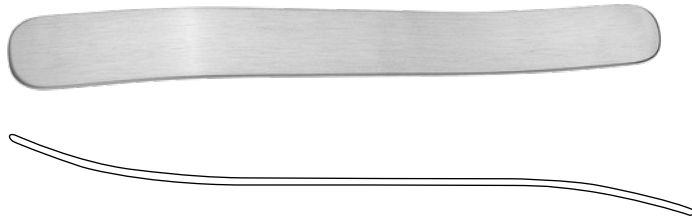
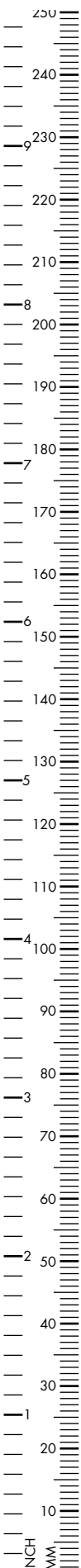
A right 250-066-626

B left 250-066-656



# ORAL



**BUCHWALD**

Tongue Depressor, 23 x 18mm

180mm, 7"

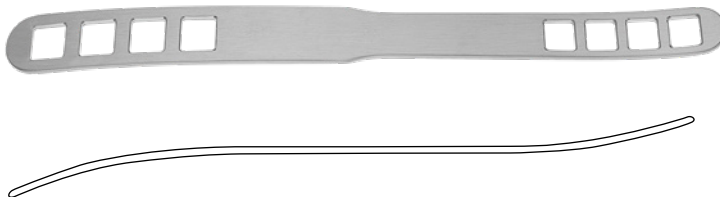
430-361-190

**MAYO**

Tongue Depressor, 23 x 19mm

170mm, 6<sup>2</sup>/<sub>3</sub>"

430-362-170

**BRUENINGS**

Tongue Depressor

190mm, 7<sup>1</sup>/<sub>2</sub>"

430-385-190

**MINNESOTA**Cheek Retractor, 14mm and 20mm wide,  
double-ended155mm, 6<sup>1</sup>/<sub>8</sub>"

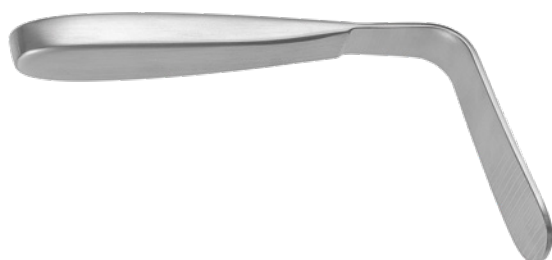
430-155-000

**MORITZ-SCHMIDT**

Tongue Depressor

190mm, 7<sup>1/2</sup>"

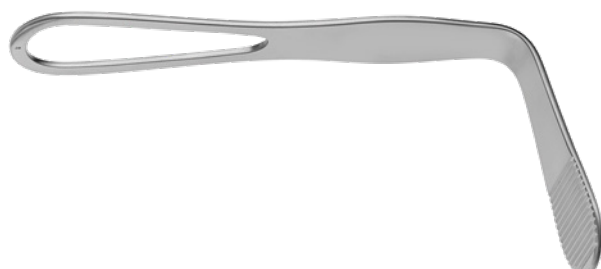
430-397-190

**TOBOLD**

Tongue Depressor

145mm, 5<sup>3/4</sup>"

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 |
|---------------|-------------|

**DOYEN-JANSEN**

Mouth Gag, children

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

adults

|               |             |
|---------------|-------------|
| 140mm, 5 1/2" | 430-140-140 |
|---------------|-------------|

**DENHARDT**

Mouth Gag, silicone inserts, interchangeable

|               |             |
|---------------|-------------|
| 120mm, 4 3/4" | 430-142-120 |
|---------------|-------------|

**ROSER-KOENIG**

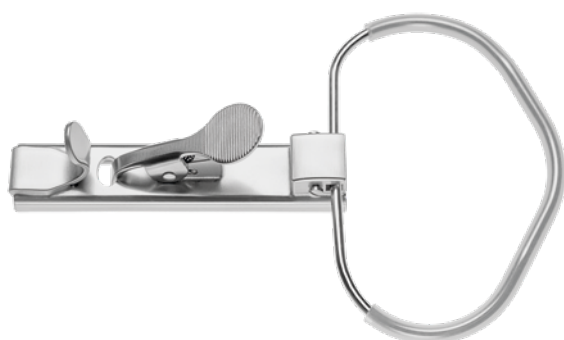
Mouth Gag

|               |             |
|---------------|-------------|
| 160mm, 6 1/4" | 430-144-160 |
|---------------|-------------|

**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



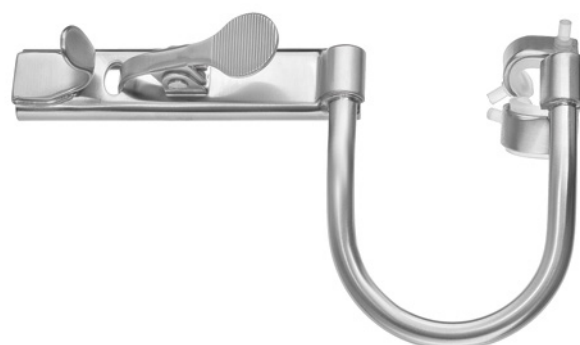
Silicone Caps for Davis-Boyle mouth gag

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

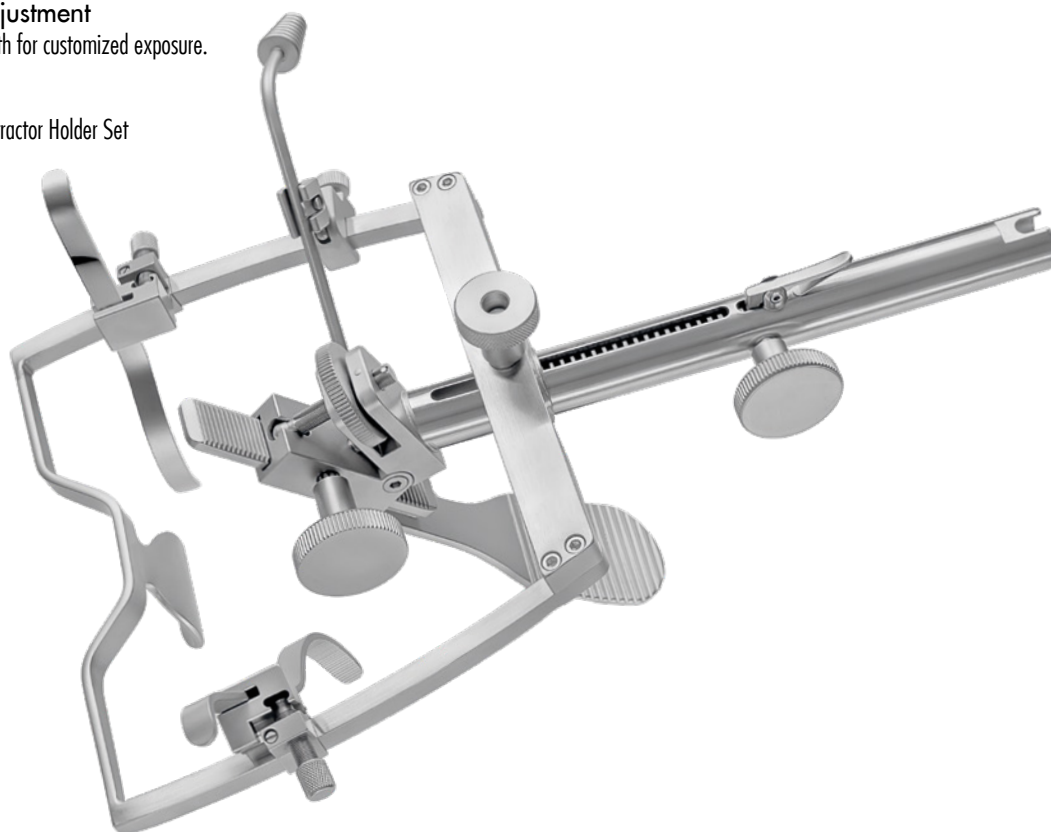
31 x 75mm

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



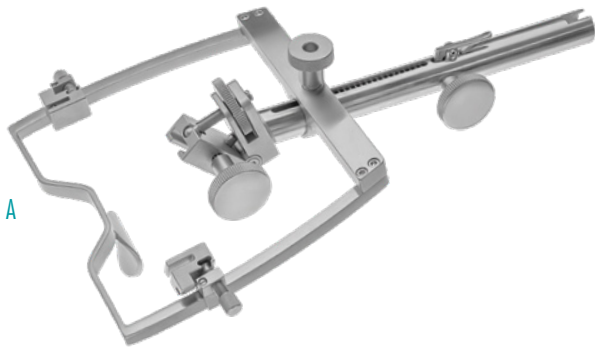
## NATHANSON

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

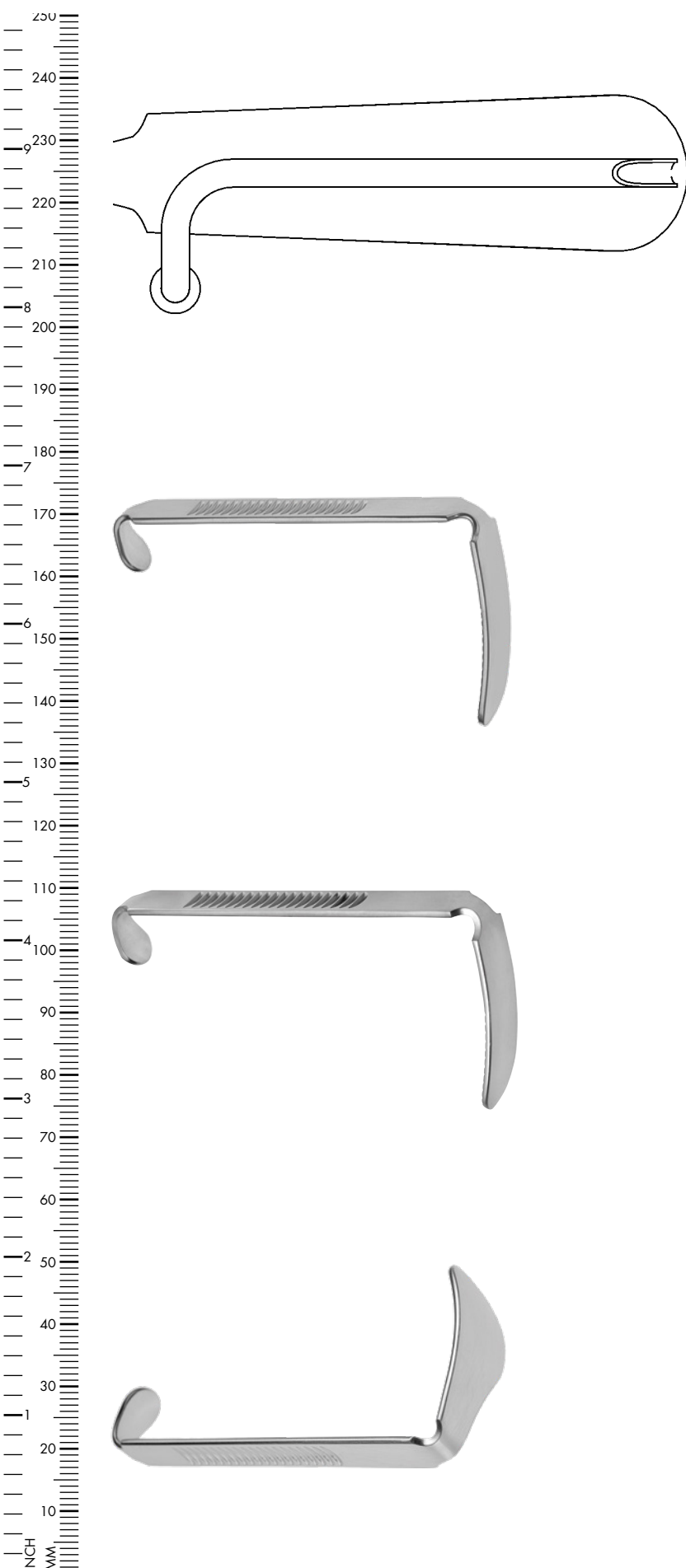


M

**RZ OSTRA**Laryngo-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 |
|-----------|-------------|

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 |

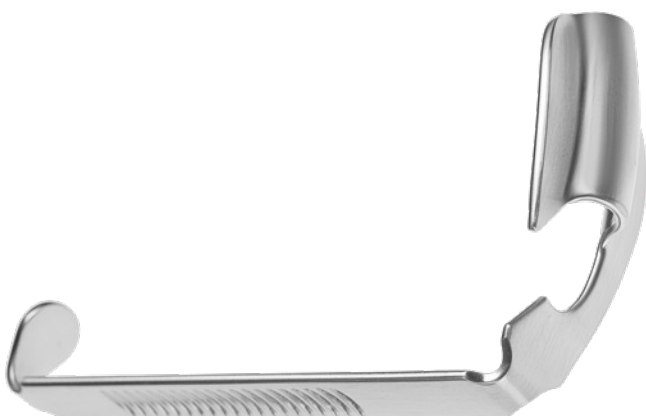
**RUSSEL-DAVIS**

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 |

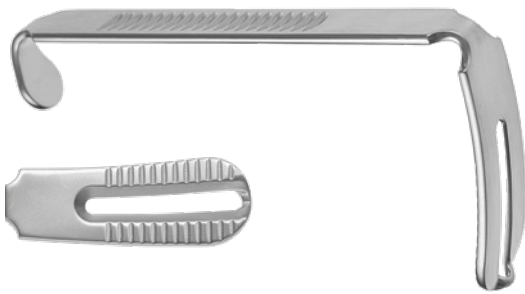
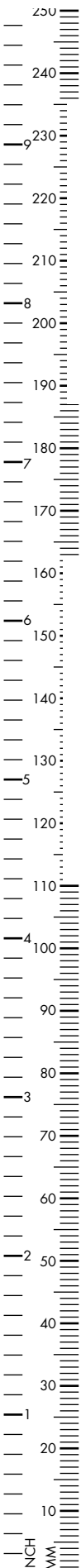
very narrow pattern

|           |             |
|-----------|-------------|
| 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**

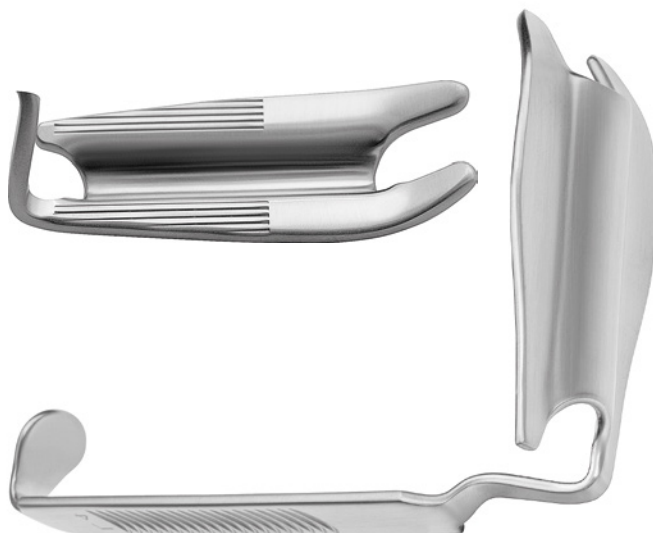
Tongue Blade, with slot

|            |             |
|------------|-------------|
| 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

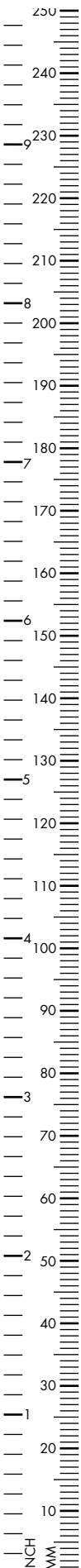
Bars only, pair

430-355-001

Magauran Plate

430-355-002



**SEIFERT**Salival 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**

Salival 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"

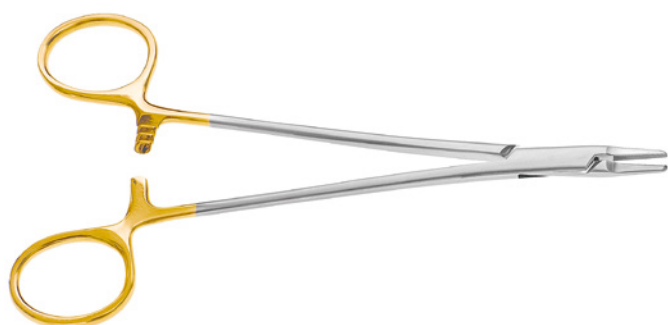
110-116-033

**FISCHER**

Tonsil Knife, serrated blade

225mm, 8 7/8"

430-656-190

**RYDER**

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

180mm, 7"

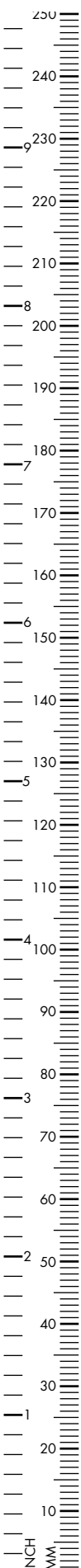
180-560-180

**DEBAKEY**

TC Needle Holder, serrated, straight

180mm, 7"

180-548-180

**NAGER**

Uvula Retractor

210mm, 8<sup>1</sup>/<sub>4</sub>"

430-524-210

**HOFFER**

Uvula Retractor

240mm, 9<sup>1</sup>/<sub>2</sub>"

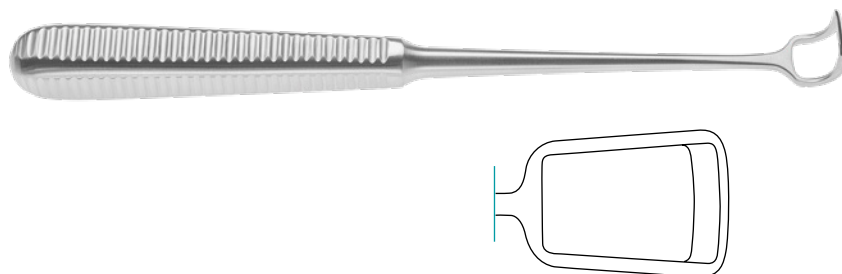
430-300-230

**SCHÖNBORN**

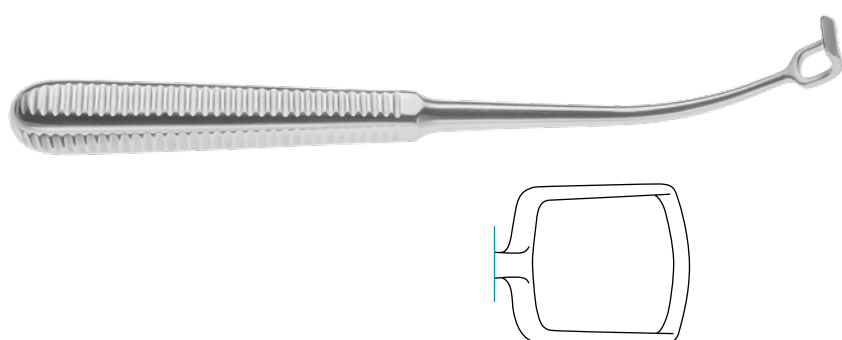
Uvula Retractor, 13 x 6mm

210mm, 8<sup>1</sup>/<sub>4</sub>"

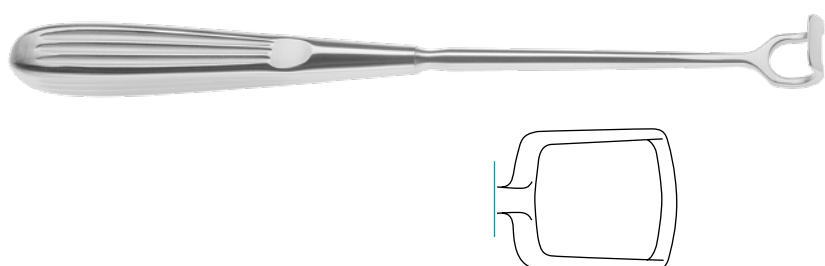
430-245-200

**BECKMANN**Adenoid Curette, straight, 220mm, 8<sup>2</sup>/<sub>3</sub>"

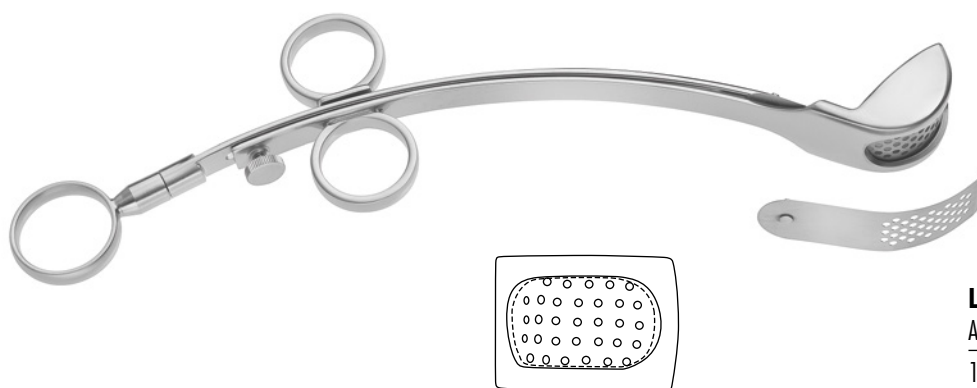
|                |             |
|----------------|-------------|
| Fig. 1, 8mm    | 420-220-010 |
| Fig. 2, 10mm   | 420-220-020 |
| Fig. 3, 12mm   | 420-220-030 |
| Fig. 4, 14mm   | 420-220-040 |
| Fig. 5, 16mm   | 420-220-050 |
| Fig. 6, 18mm   | 420-220-060 |
| Fig. 7, 19.5mm | 420-220-070 |

**BECKMANN**Adenoid Curette, curved, 220mm, 8<sup>2</sup>/<sub>3</sub>"

|                |             |
|----------------|-------------|
| 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, 8<sup>2</sup>/<sub>3</sub>"

|        |             |
|--------|-------------|
| 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 |

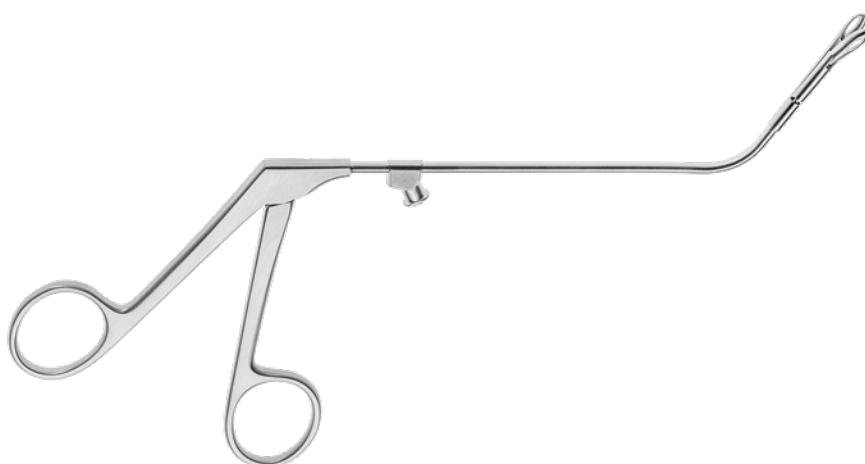
## Spare Blades

|                 |             |
|-----------------|-------------|
| 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 |
|---------------|-------------|

**JURASZ**

Adenoid Cutting Forceps, children

190mm, 7<sup>1</sup>/<sub>2</sub>"

420-396-190

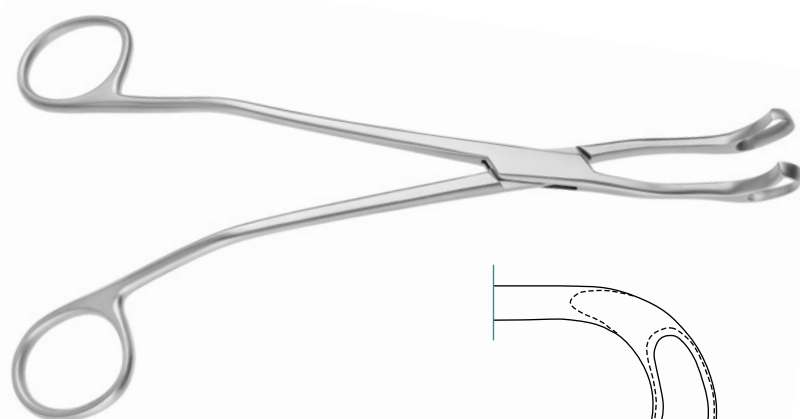
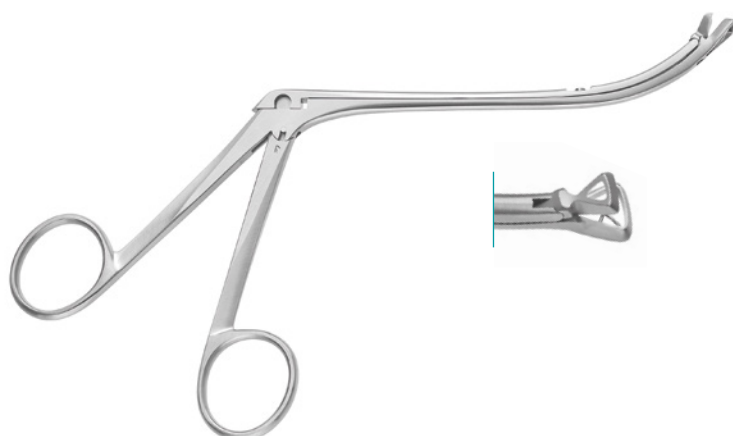
**JURASZ**Adenoid Cutting Forceps, 210mm, 8<sup>1</sup>/<sub>4</sub>"

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

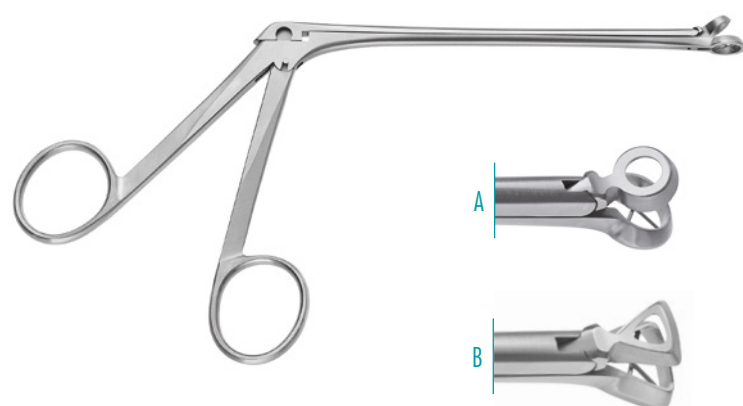
420-391-002

**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

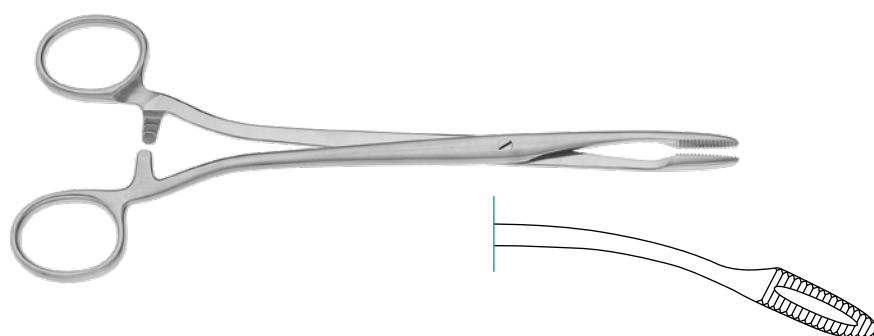
420-401-101

Fig. 2, 8mm

420-401-102

Fig. 3, 10mm

420-401-103

**DUPLAY**

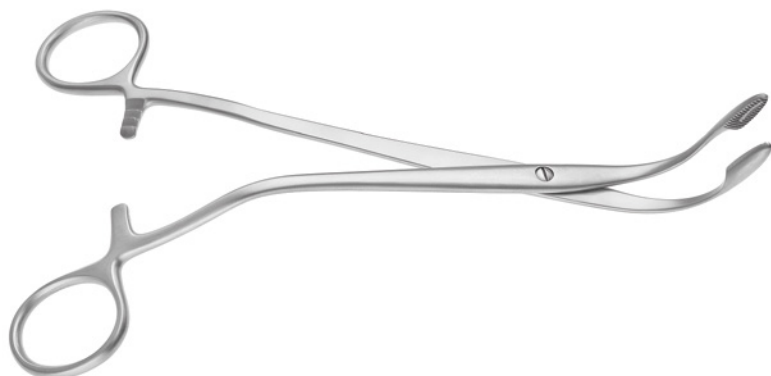
Dressing Forceps, 200mm, 8"

straight

150-130-200

curved

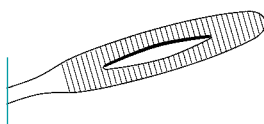
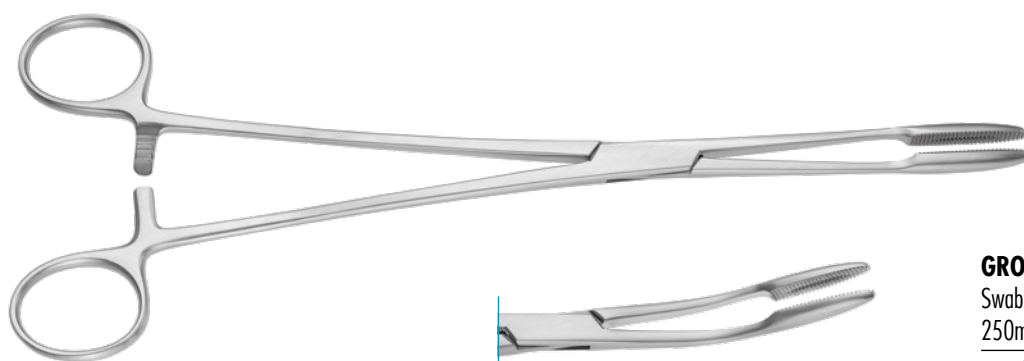
150-131-200

**DUPLAY**

Nasopharyngeal Sponge Holding Forceps,  
s-shaped

190mm, 7<sup>1</sup>/<sub>2</sub>"

420-398-190

**GROSS MAIER**

Swab Forceps, serrated, straight,  
250mm, 9<sup>7</sup>/<sub>8</sub>"

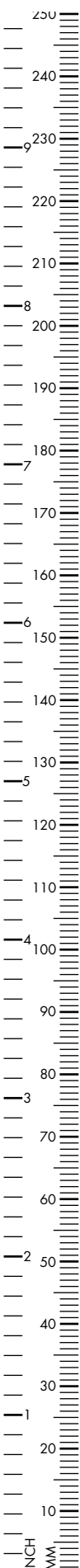
straight

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"

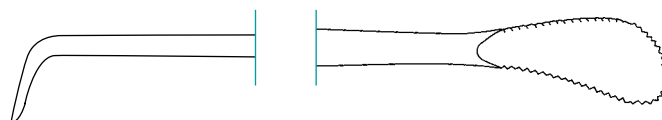
130-110-200



Tissue Forceps, 1x2 teeth, delicate

200mm, 8"

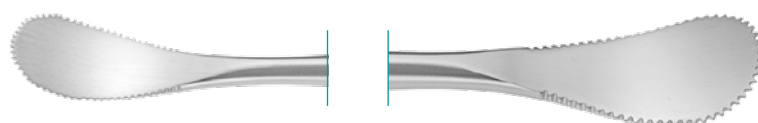
130-120-200

**HENKE**

Tonsil Dissector / Pillar Retractor,  
235mm, 9 1/4"

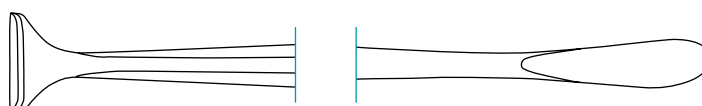
|      |             |
|------|-------------|
| 12mm | 430-600-230 |
|------|-------------|

|      |             |
|------|-------------|
| 17mm | 430-601-230 |
|------|-------------|

**HENKE**

Tonsil Dissector, double-ended  
12mm / 18mm

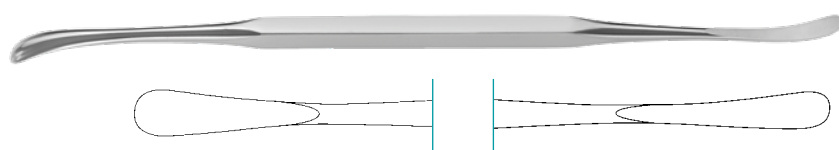
|           |             |
|-----------|-------------|
| 230mm, 9" | 430-602-230 |
|-----------|-------------|

**HURD**

Tonsil Dissector / Pillar Retractor,  
215mm, 8 1/2"

|       |             |
|-------|-------------|
| 7.5mm | 430-600-215 |
|-------|-------------|

|      |             |
|------|-------------|
| 10mm | 430-601-220 |
|------|-------------|

**ALDERDICE**

Tonsil Dissector

220mm, 8<sup>2</sup>/<sub>3</sub>"

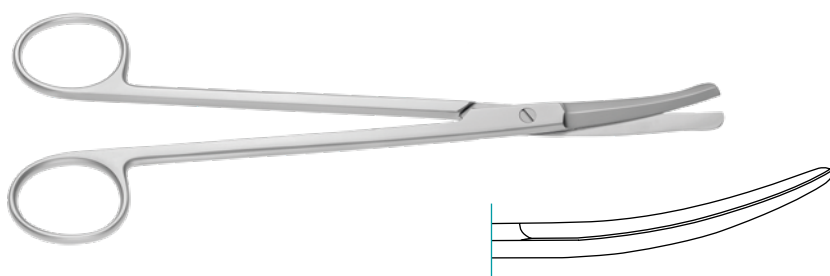
430-510-220

**LOPEZ-REINKE**

Tonsil Suction Dissector

235mm, 9<sup>1</sup>/<sub>4</sub>"

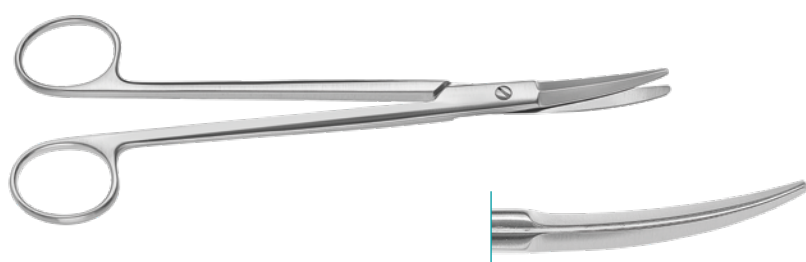
430-670-235

**GOOD**

Tonsil Scissors

190mm, 7<sup>1</sup>/<sub>2</sub>"

120-217-190

**PRINCE**

Tonsil Scissors

175mm, 6<sup>7</sup>/<sub>8</sub>"

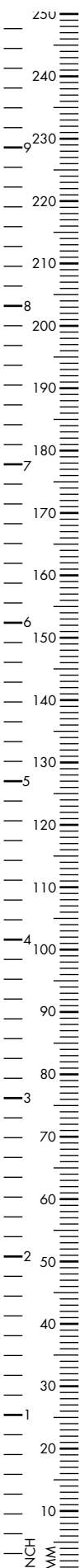
120-213-175

**BOETTCHER**

Tonsil Scissors, sharp

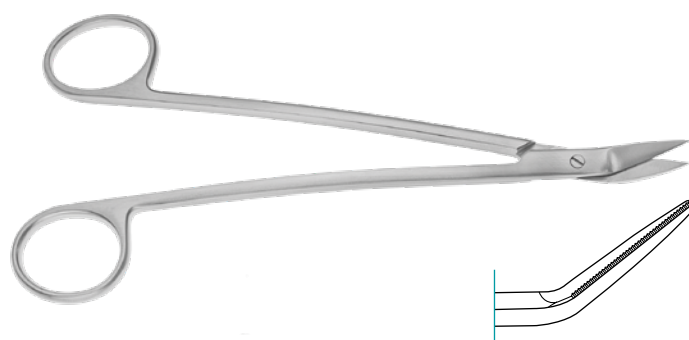
180mm, 7"

120-207-180

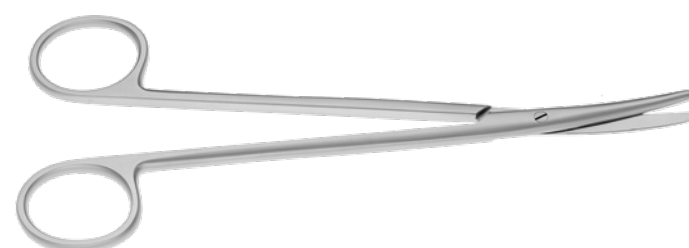
**BOETTCHER**

Tonsil Scissors, curved, 180mm, 7"

120-209-180

**DEAN**Tonsil Scissors, angled upwards,  
serrated blades170mm, 6<sup>2</sup>/<sub>3</sub>"

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

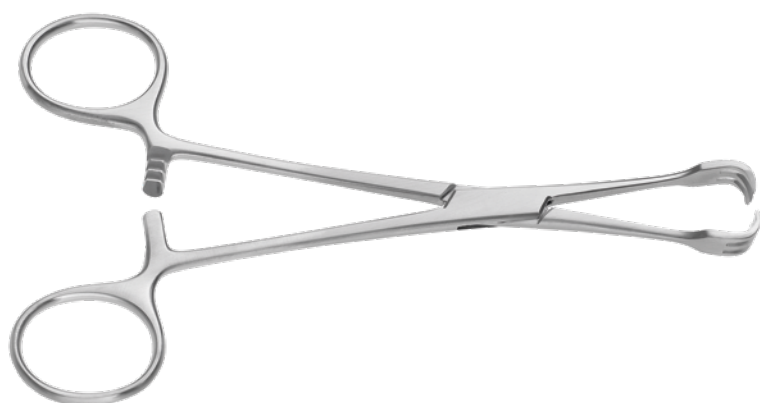
230mm, 9" 121-111-230

**TIVNEN-TYDING**

Tonsil Seizing Forceps, 3x3 teeth, 1 open ring

210mm, 8<sup>1/4</sup>"

430-631-002

**LAHEY**

Goitre Seizing Forceps

200mm, 8"

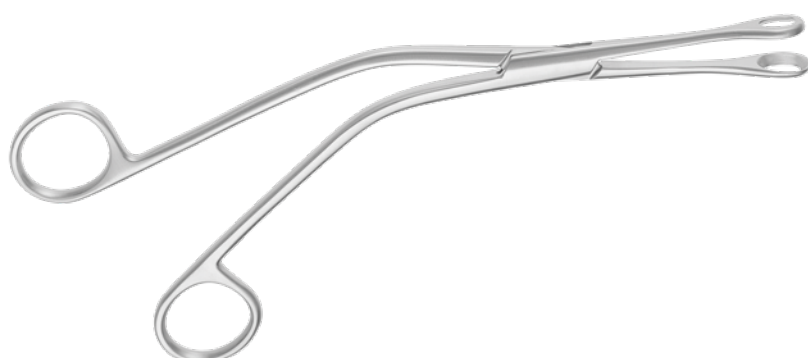
440-030-200

**MUSEUX**

Tonsil Holding Forceps, 2x2 teeth

200mm, 8"

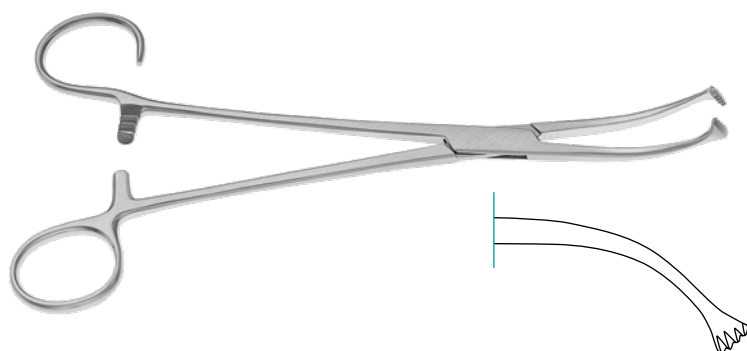
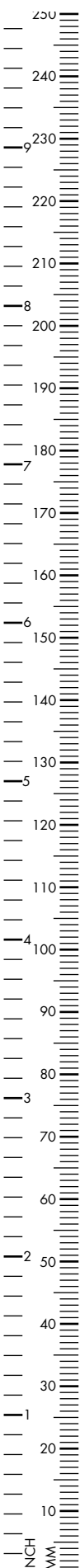
140-602-200

**DENIS-BROWNE**

Tonsil Holding Forceps, 10mm

200mm, 8"

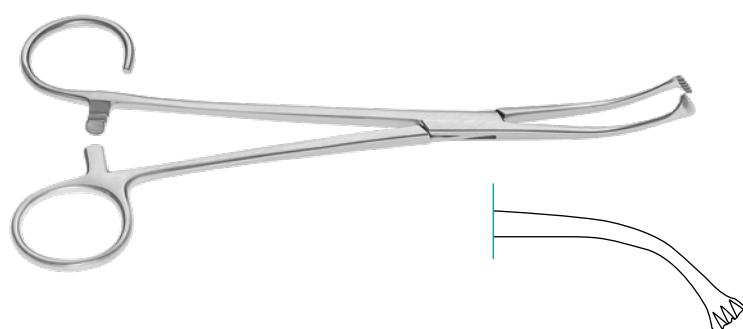
420-427-200

**COLVER**

Tonsil Seizing Forceps, curved

190mm, 7<sup>1</sup>/<sub>2</sub>"

140-626-190

**WHITE**

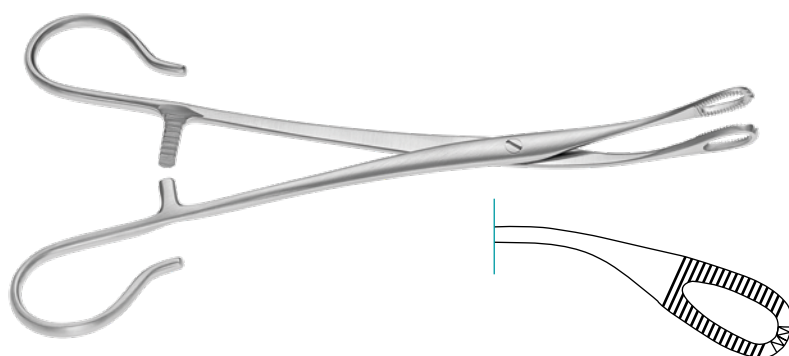
Tonsil Holding Forceps

180mm, 7"

140-620-180

235mm, 9<sup>1</sup>/<sub>4</sub>"

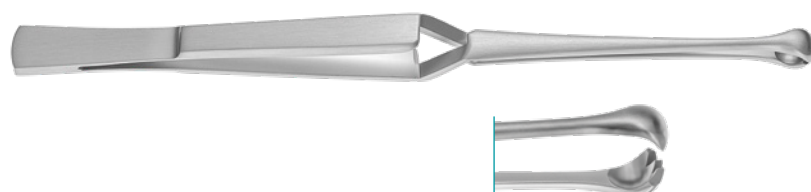
140-620-235

**BLOHMKE**

Tonsil Holding Forceps

200mm, 8"

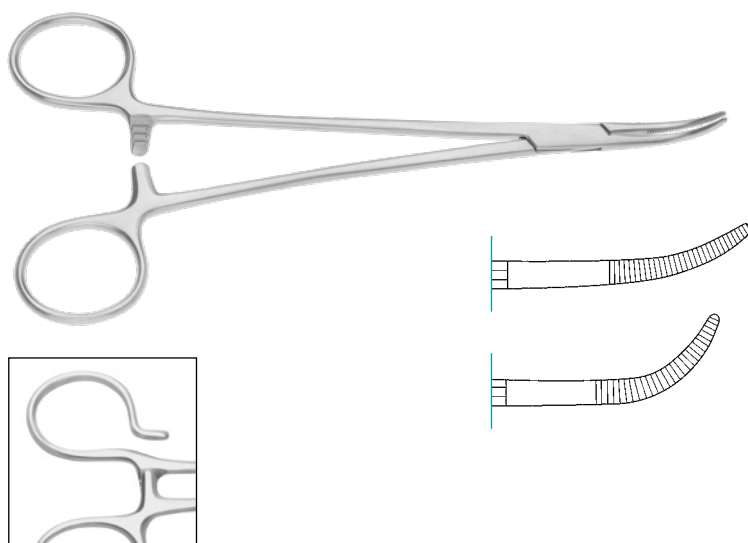
140-625-200

**MARSCHIK**

Tonsil Grasping Forceps

220mm, 8<sup>2</sup>/<sub>3</sub>"

430-620-220

**SCHNIDT SAWTELL**

Tonsil Seizing Forceps, slightly curved

190mm, 7<sup>1/2</sup>" 140-628-190

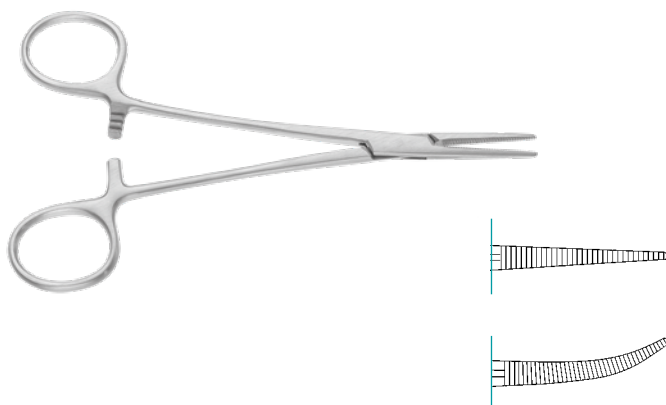
strongly curved

190mm, 7<sup>1/2</sup>" 140-629-190

slightly curved, with one open ring

190mm, 7<sup>1/2</sup>" 140-630-190

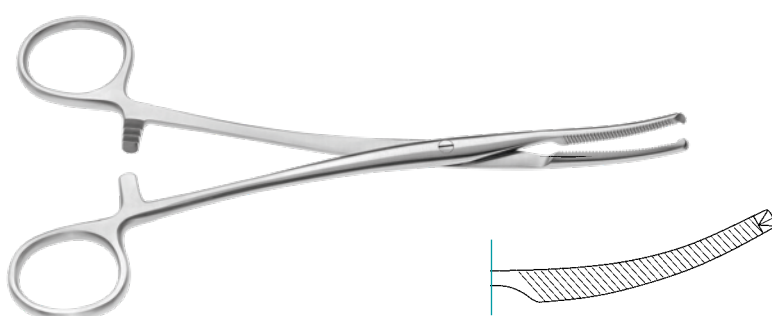
strongly curved, with one open ring

190mm, 7<sup>1/2</sup>" 140-631-190**HALSTEAD MOSQUITO**

Hemostatic Forceps, serrated, 180mm, 7"

straight 140-254-180

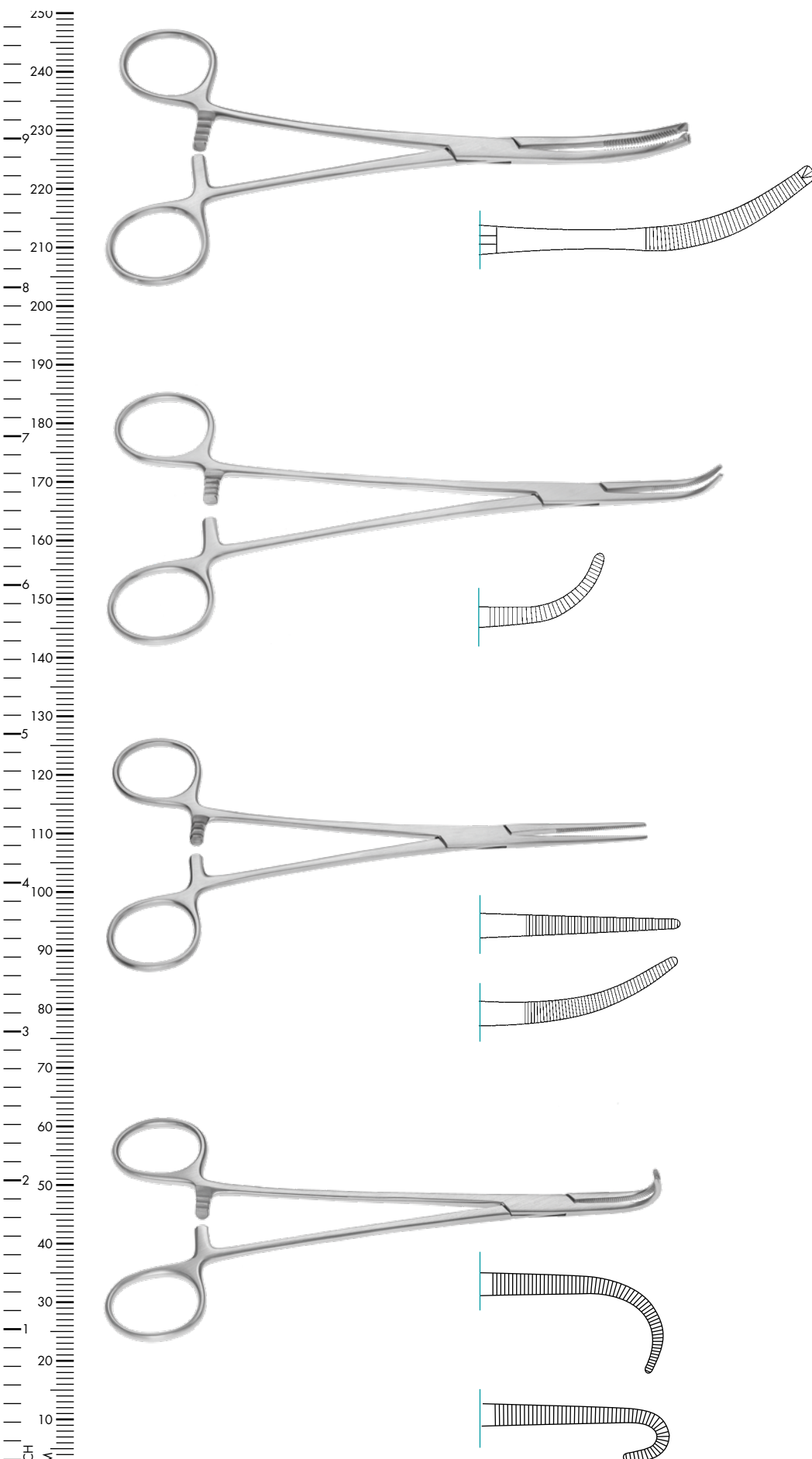
curved 140-255-180

**MIKULICZ**

Peritoneal Forceps, curved, 1x2 teeth

180mm, 7" 140-548-180



**MIKULICZ**

Peritoneal Forceps, strongly curved, 1x2 teeth

200mm, 8"

140-549-200

**OVERHOLT**Dissecting and Ligature Forceps,  
fully serrated, curvedFig. 0, 195mm, 7<sup>3/4</sup>"

140-443-001

**BIRKETT**Hemostatic Forceps, serrated, 185mm, 7<sup>1/4</sup>"

straight

140-368-185

curved

140-369-185

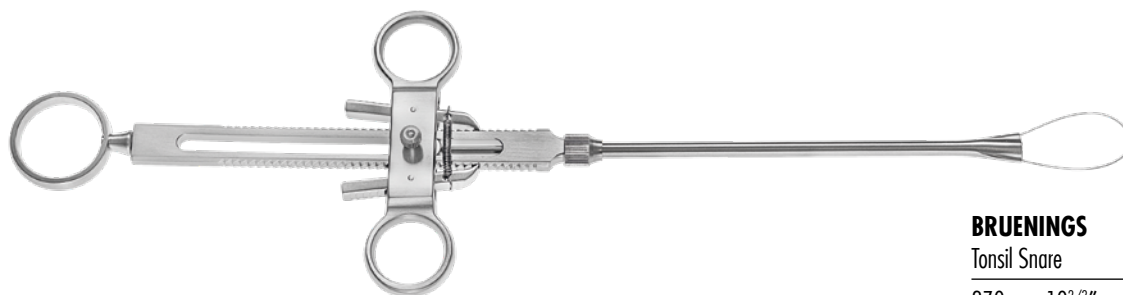
**NEGUS**Tonsil Artery Forceps, serrated, 190mm, 7<sup>1/2</sup>"

slightly curved

140-625-190

strongly curved

140-627-190

**BRUENINGS**

Tonsil Snare

270mm, 10<sup>2</sup>/<sub>3</sub>"

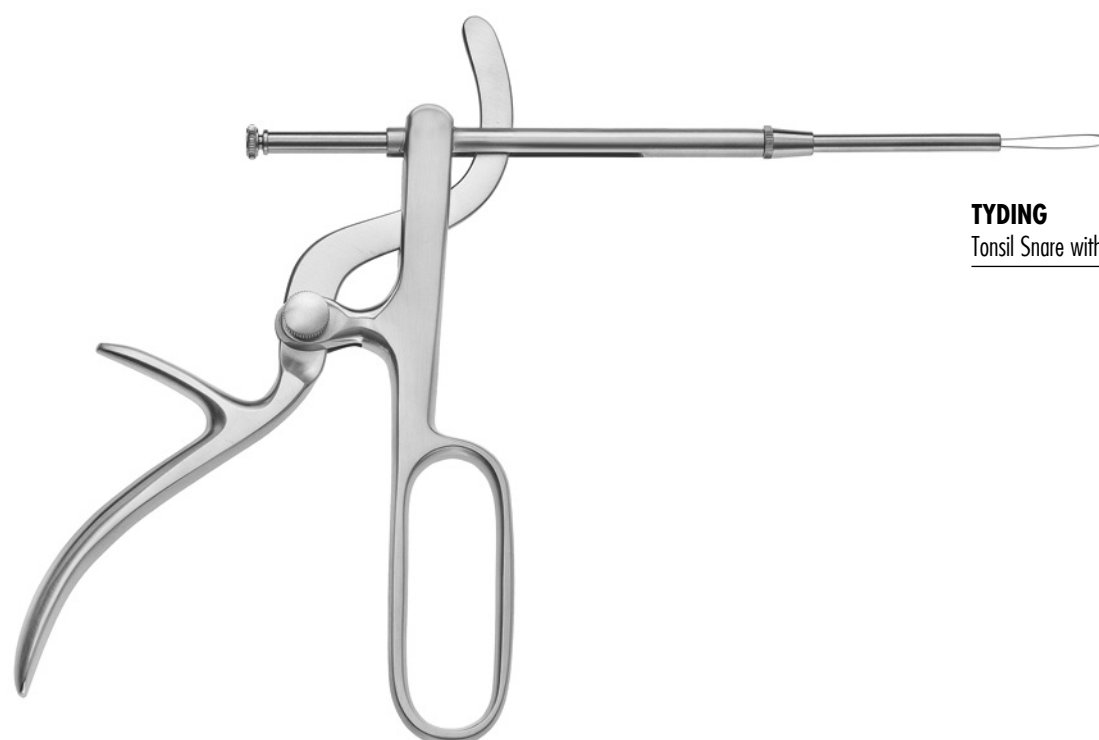
430-605-270

**EVES**

Tonsil Snare with ratchet

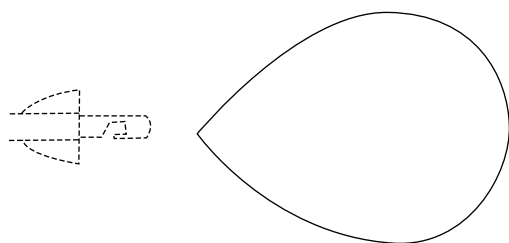
285mm, 11<sup>1</sup>/<sub>4</sub>"

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

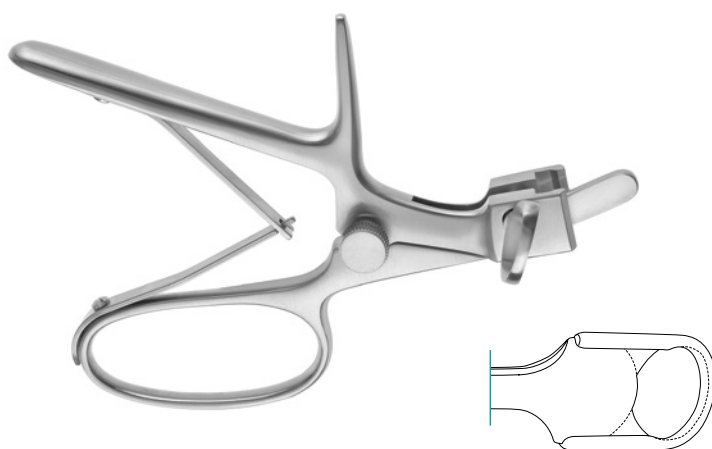
Ø 0.4mm x 50mm 430-607-040



Wire Cutting Scissors, serrated,  
120mm, 4<sup>3/4</sup>"

120-265-120

TC 120-565-120



### SLUDER-BALLENGER

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

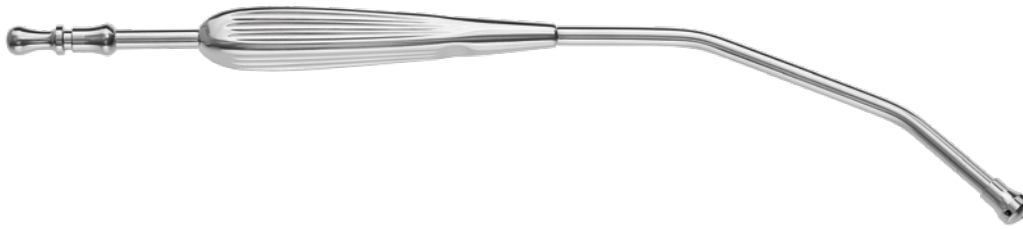
430-650-100

Blades

Fig. 1 430-650-001

Fig. 2 430-650-002

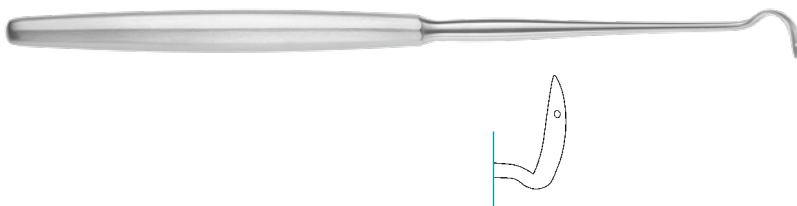
Fig. 3 430-650-003

**YANKAUER**

Suction Tube

270mm, 10<sup>7</sup>/<sub>8</sub>"

165-543-270

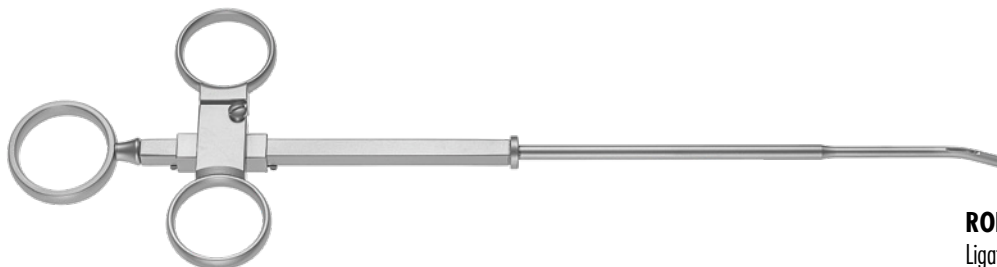
**HURD**Ligature Needle, 210mm, 8<sup>1</sup>/<sub>4</sub>"

right

180-719-210

left

180-718-210

**ROEDER**

Ligature Instrument

260mm, 10<sup>1</sup>/<sub>4</sub>"

430-500-260

**NEGUS**

Knot Tier

205mm, 8<sup>1</sup>/<sub>8</sub>"

430-505-205

**LUNIATSCHEK**

Gauze Packer, 2mm

190mm, 7<sup>1</sup>/<sub>2</sub>"

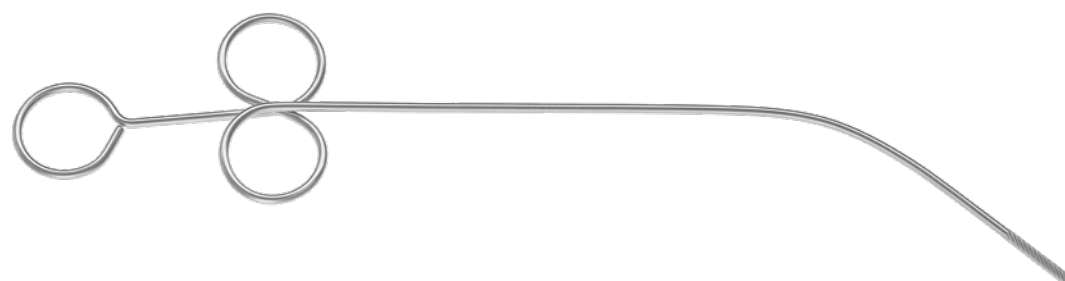
430-602-175

**HARTMANN**

Postnasal Applicator, spiral end, Ø 2.3mm

220mm, 8<sup>2</sup>/<sub>3</sub>"

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 |



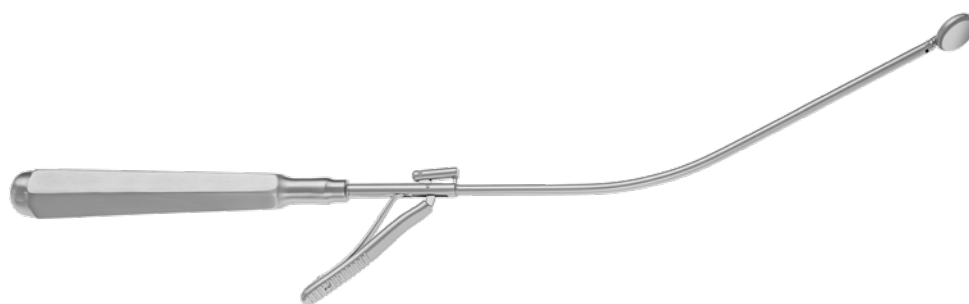
Laryngeal mirror, insert only,  
120mm, 4<sup>3/4</sup>"

|                 |             |
|-----------------|-------------|
| 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 |



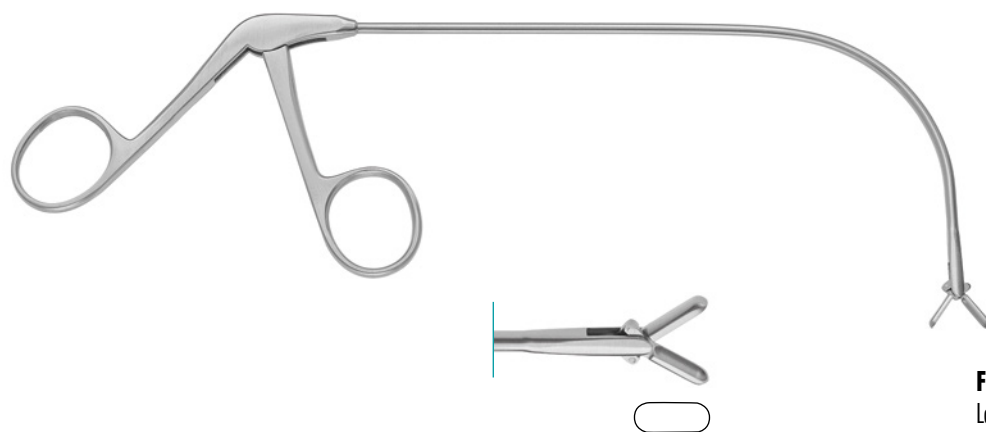
Mirror Handle with set screw

|                           |             |
|---------------------------|-------------|
| 110mm, 4 <sup>1/3</sup> " | 230-331-110 |
|---------------------------|-------------|

**MICHEL**

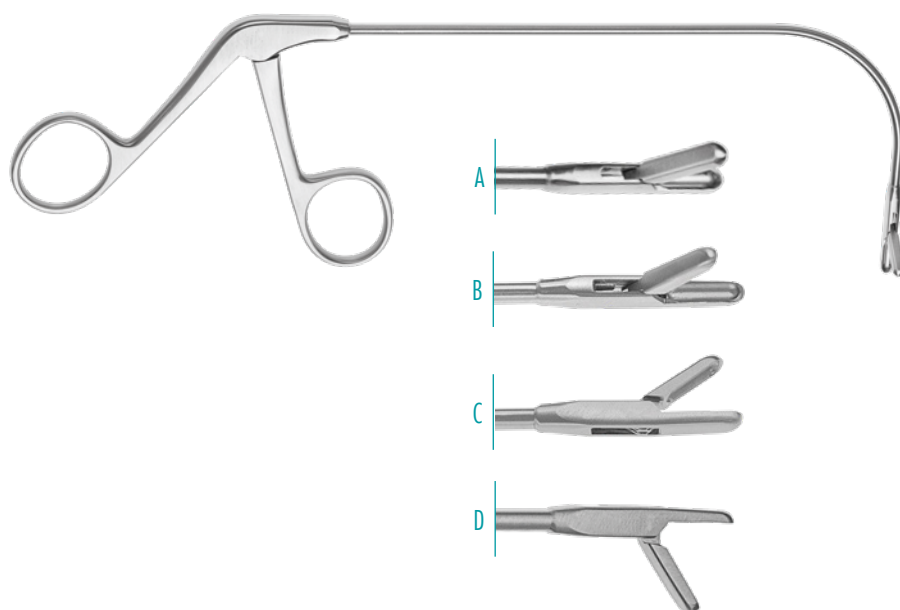
Rhinoscopic mirror with interchangeable mirror inserts, 250mm, 9<sup>7</sup>/<sub>8</sub>"

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

**FRAENKEL**

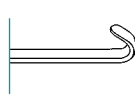
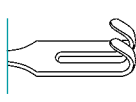
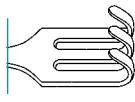
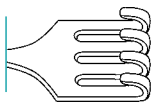
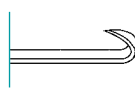
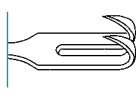
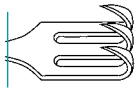
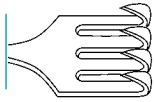
Laryngeal Forceps, double action, longitudinal oval jaws

|                                        |             |
|----------------------------------------|-------------|
| 170mm, 6 <sup>2</sup> / <sub>3</sub> " | 430-813-050 |
|----------------------------------------|-------------|

**JURASZ**

Laryngeal Polypus Forceps, 220mm, 8<sup>2</sup>/<sub>3</sub>"

|                     |             |
|---------------------|-------------|
| 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 |

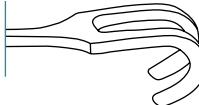
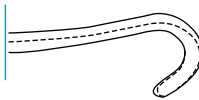
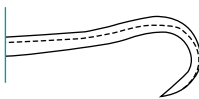


Hand Held Retractor, 160mm, 6<sup>1</sup>/<sub>4</sub>",  
sharp

|          |             |
|----------|-------------|
| 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, 6<sup>1</sup>/<sub>4</sub>"

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

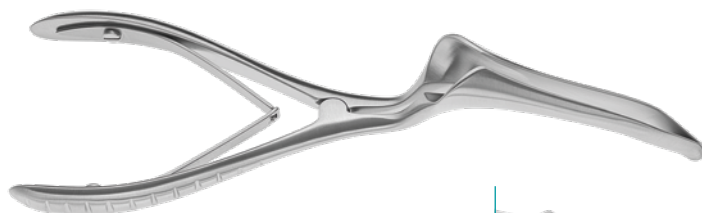


### LABORDE

Tracheal Dilator

|                                        |             |
|----------------------------------------|-------------|
| 140mm, 5 <sup>1</sup> / <sub>2</sub> " | 440-130-140 |
|----------------------------------------|-------------|



**WEERDA**

Tracheal Speculum

190mm, 7<sup>1</sup>/<sub>2</sub>"

440-100-190

**TROUSSEAU**

Tracheal Dilator

120mm, 4<sup>3</sup>/<sub>4</sub>"

440-120-120

140mm, 5<sup>1</sup>/<sub>2</sub>"

440-120-140

**KOCHER**

Goitre Director with hole

160mm, 6<sup>1</sup>/<sub>4</sub>"

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 |



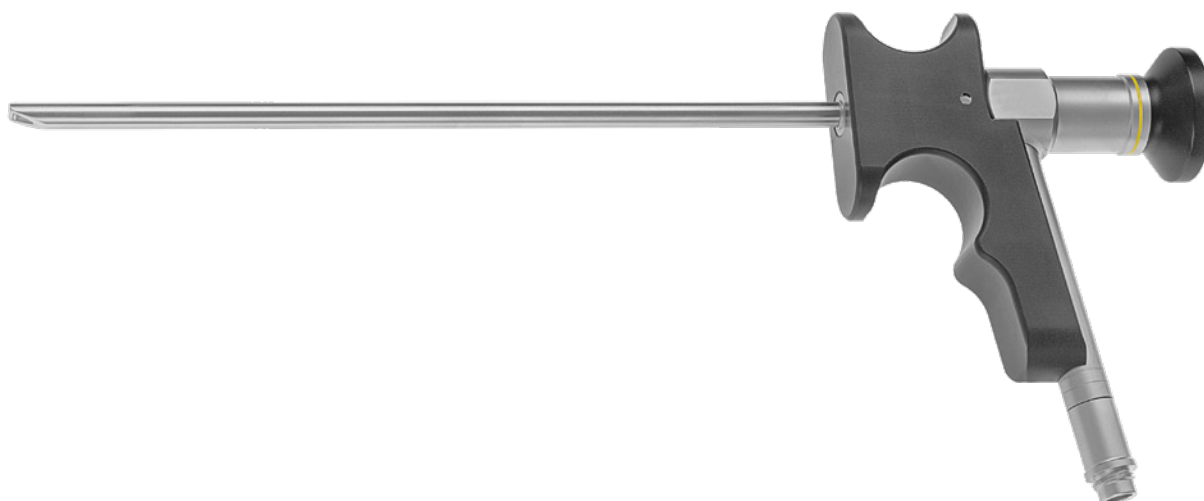
Naso-Pharyngo-Laryngoscope, flexible,  
300mm working length,  
with working channel

|                            |             |
|----------------------------|-------------|
| Ø 2.8mm                    | 100-500-285 |
| Ø 1.2mm<br>working channel |             |
| Ø 3.8mm                    | 100-500-385 |
| Ø 1.4mm<br>working channel |             |



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

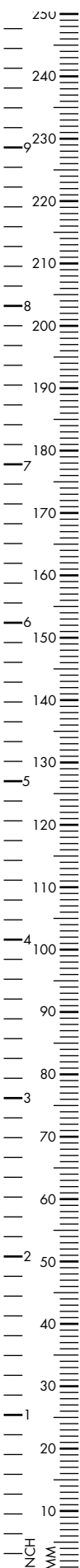
270mm, 10<sup>2</sup>/<sub>3</sub>" 100-800-090



Laryngoscope with handle,  
70° angle of view, 190mm, 7<sup>1</sup>/<sub>2</sub>"

Ø 5mm 100-805-070

Ø 6mm 100-806-070

**LEWY**

Chest Support, for Operating Laryngoscopes

340mm, 13<sup>1</sup>/<sub>2</sub>" 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, 13<sup>1</sup>/<sub>2</sub>" 100-500-113240mm, 9<sup>1</sup>/<sub>2</sub>" 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<sup>1</sup>/<sub>2</sub>" 100-500-210



Chest Support, complete,  
for Operating Laryngoscopes

Ø120mm 100-500-400

Support Rod  
340mm, 13<sup>1</sup>/<sub>2</sub>" 100-500-410

Joint for Chest Support  
100-500-420

**HOLINGER**

Laryngoscope, complete with light carrier

|                                                          |             |
|----------------------------------------------------------|-------------|
| small, Newborn,<br>90mm, 3 <sup>1</sup> / <sub>2</sub> " | 100-510-000 |
|----------------------------------------------------------|-------------|

|                                                          |             |
|----------------------------------------------------------|-------------|
| small, Babies,<br>120mm, 4 <sup>3</sup> / <sub>4</sub> " | 100-510-001 |
|----------------------------------------------------------|-------------|

|                                                            |             |
|------------------------------------------------------------|-------------|
| large, Children,<br>170mm, 6 <sup>2</sup> / <sub>3</sub> " | 100-510-002 |
|------------------------------------------------------------|-------------|

|                            |             |
|----------------------------|-------------|
| large, Adult,<br>180mm, 7" | 100-510-003 |
|----------------------------|-------------|

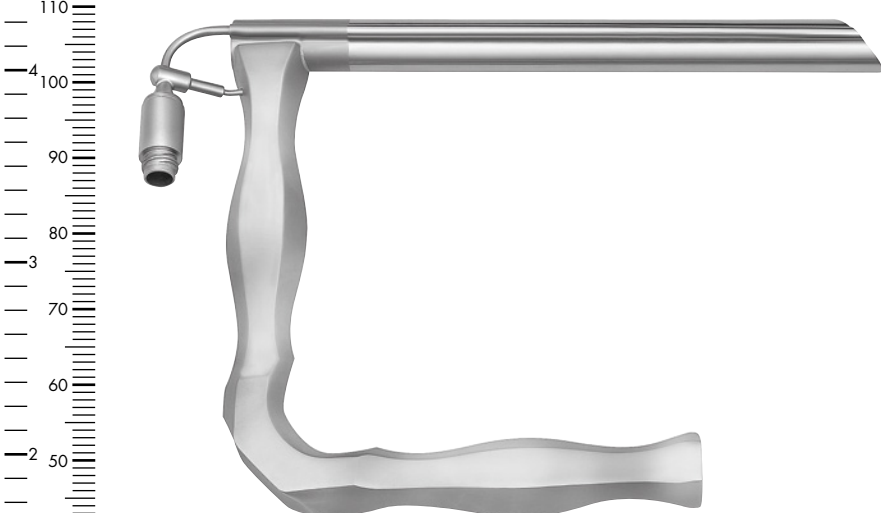
spare light carrier

|         |             |
|---------|-------------|
| Newborn | 100-510-100 |
|---------|-------------|

|        |             |
|--------|-------------|
| Babies | 100-510-101 |
|--------|-------------|

|          |             |
|----------|-------------|
| Children | 100-510-102 |
|----------|-------------|

|       |             |
|-------|-------------|
| Adult | 100-510-103 |
|-------|-------------|

**JACKSON**

Laryngoscope, complete with light carrier

|                                                          |             |
|----------------------------------------------------------|-------------|
| small, Newborn,<br>90mm, 3 <sup>1</sup> / <sub>2</sub> " | 100-505-000 |
|----------------------------------------------------------|-------------|

|                             |             |
|-----------------------------|-------------|
| small, Babies,<br>125mm, 8" | 100-505-001 |
|-----------------------------|-------------|

|                                                            |             |
|------------------------------------------------------------|-------------|
| large, Children,<br>170mm, 6 <sup>2</sup> / <sub>3</sub> " | 100-505-002 |
|------------------------------------------------------------|-------------|

|                            |             |
|----------------------------|-------------|
| large, Adult,<br>180mm, 7" | 100-505-003 |
|----------------------------|-------------|

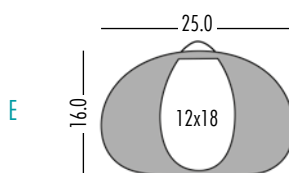
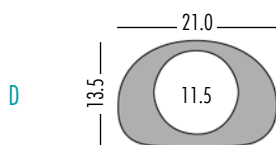
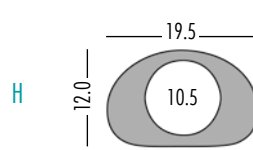
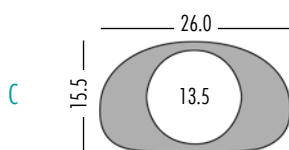
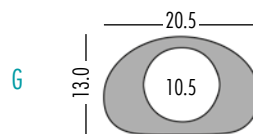
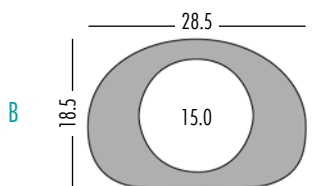
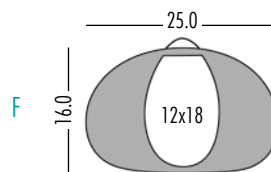
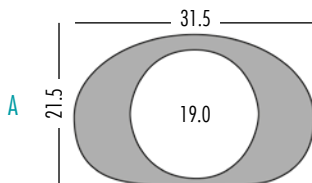
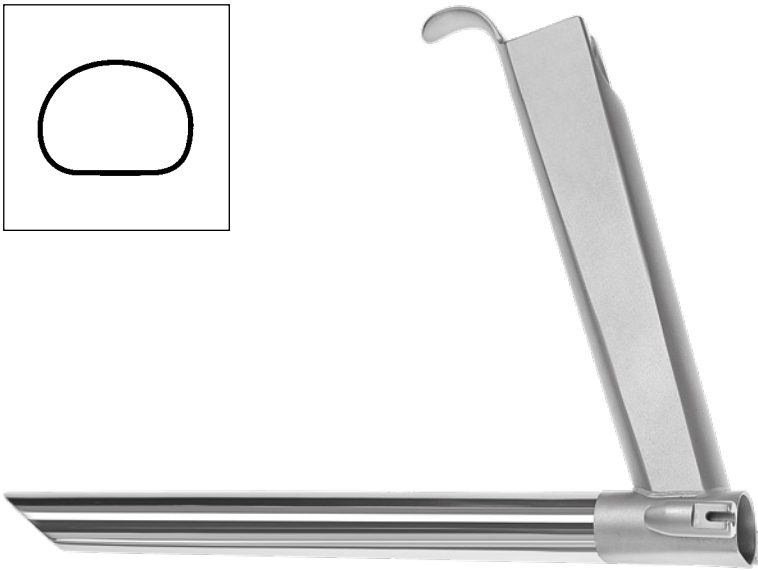
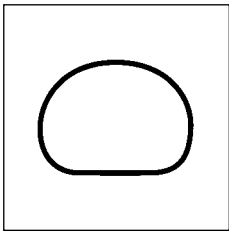
spare light carrier

|         |             |
|---------|-------------|
| Newborn | 100-505-100 |
|---------|-------------|

|        |             |
|--------|-------------|
| Babies | 100-505-101 |
|--------|-------------|

|          |             |
|----------|-------------|
| Children | 100-505-102 |
|----------|-------------|

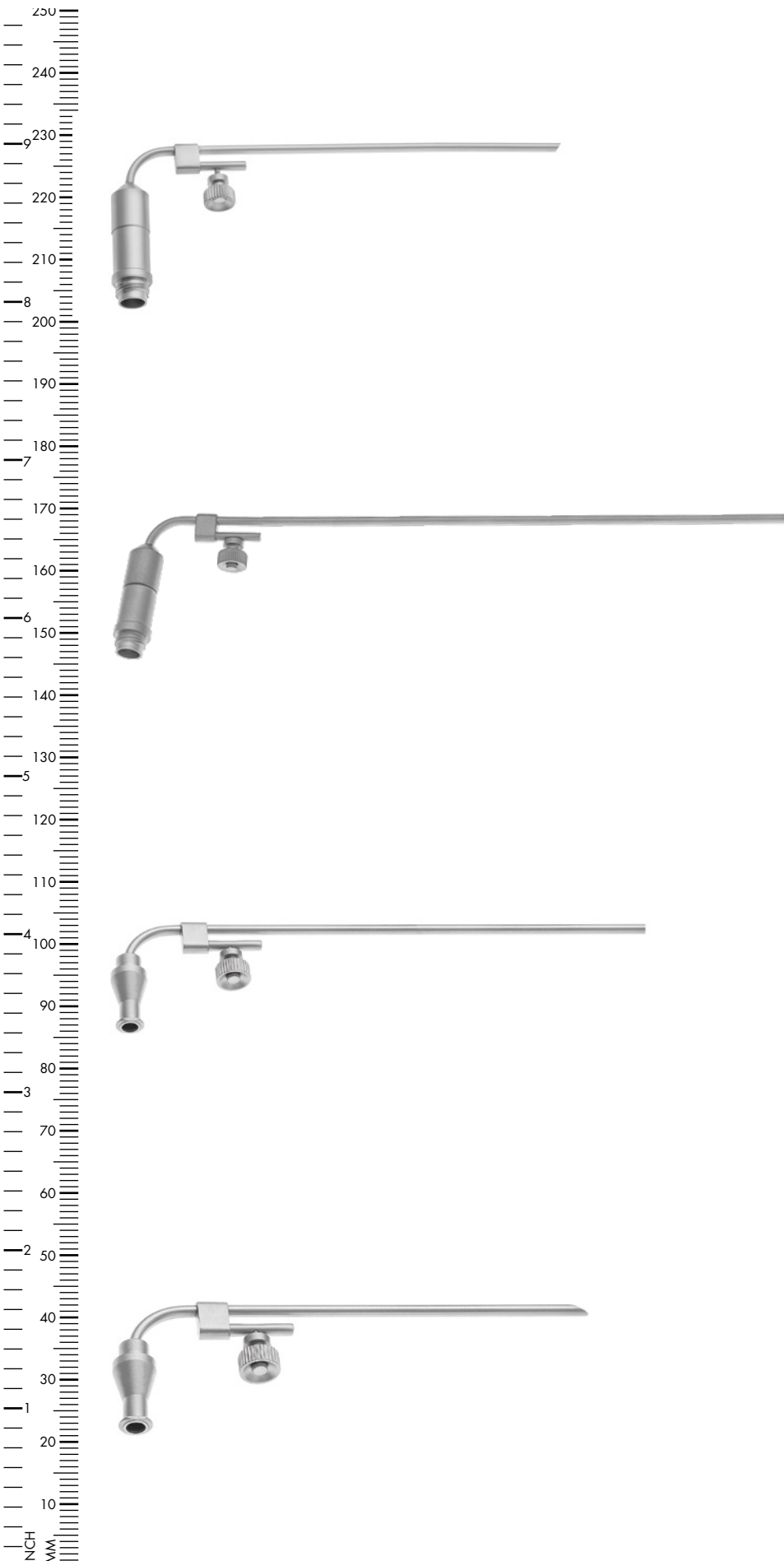
|       |             |
|-------|-------------|
| Adult | 100-505-103 |
|-------|-------------|

**KLEINSASSER**

Operation Laryngoscope

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

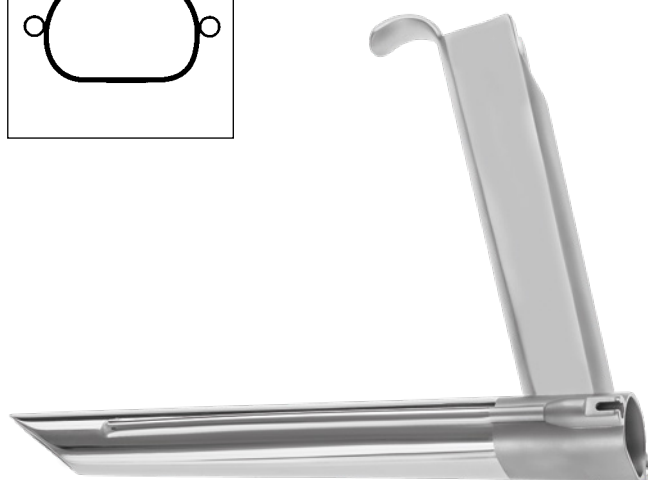
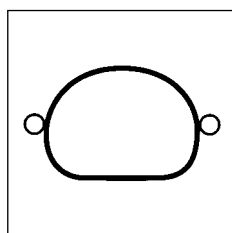
90mm, 3 1/2" 100-500-080

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

125mm, 5" 100-500-075

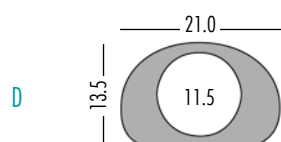
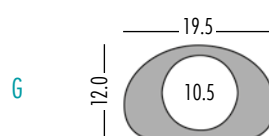
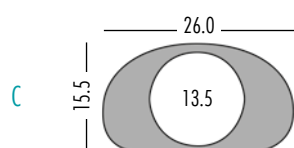
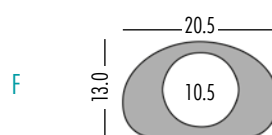
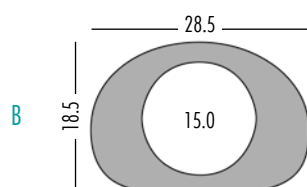
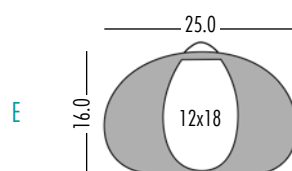
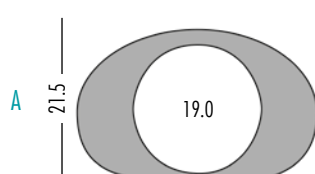
Injection Cannula  
for  
100-500-001 - 100-500-008  
100-500-201 - 100-500-208

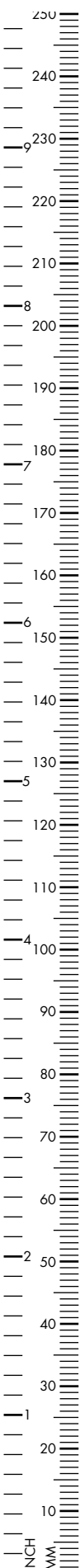
85mm, 3 1/4" 100-500-050

**KLEINSASSER-LASER**

Operation Laryngoscope

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





Fiber Optic Light Carrier  
for  
100-500-562 / 100-500-564  
120mm, 4<sup>3/4</sup>"

100-500-538



Fiber Optic Light Carrier  
for  
100-500-532

140mm, 5<sup>1/2</sup>"

100-500-539

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

140mm, 5<sup>1/2</sup>"

100-500-540



Suction Tube  
for  
100-500-531

120mm, 4<sup>3/4</sup>"

100-500-541

for  
100-500-532

140mm, 5<sup>1/2</sup>"

100-500-532

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

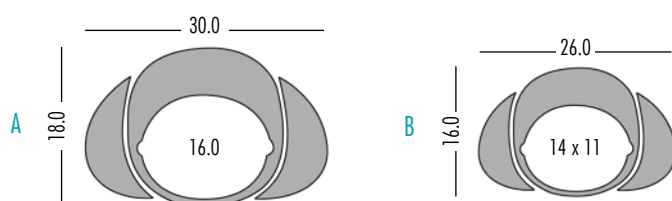
160mm, 6<sup>1/4</sup>"

100-500-543

**KLEINSASSER, B-L.**

Operation Laryngoscope

|                                        |             |
|----------------------------------------|-------------|
| <b>A</b> Children                      | 100-500-552 |
| 115mm, 4 <sup>1</sup> / <sub>2</sub> " |             |
| <b>B</b> Infants                       | 100-500-551 |
| 95mm, 3 <sup>3</sup> / <sub>4</sub> "  |             |



Fiber Optic Light Carrier  
for  
100-500-563

|                                       |             |
|---------------------------------------|-------------|
| 65mm, 2 <sup>1</sup> / <sub>2</sub> " | 100-500-556 |
|---------------------------------------|-------------|



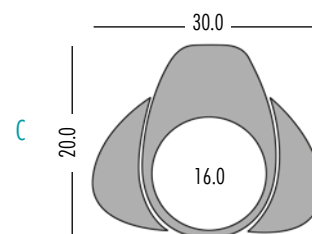
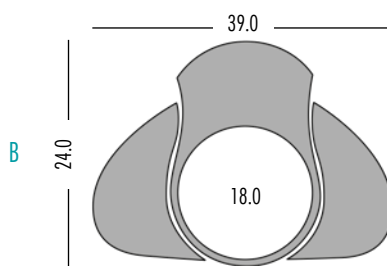
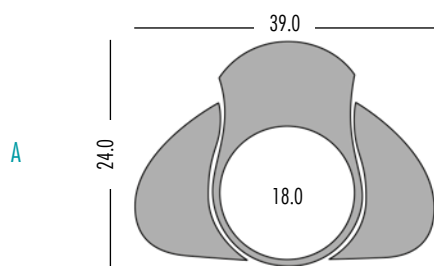
Suction Tube  
for  
100-500-552 / 100-500-551

|                                       |             |
|---------------------------------------|-------------|
| 65mm, 2 <sup>1</sup> / <sub>2</sub> " | 100-500-558 |
|---------------------------------------|-------------|

**KLEINSASSER, L.**

Operation Laryngoscope

|                                                       |             |
|-------------------------------------------------------|-------------|
| <b>A</b> large, Adults<br>150mm, 6"                   | 100-500-555 |
| <b>B</b> large, Adults<br>170mm, 6 <sup>2/3</sup> "   | 100-500-554 |
| <b>C</b> small, Children<br>110mm, 4 <sup>1/3</sup> " | 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<sup>3/4</sup>" 100-500-559

for

100-500-555 / 100-500-554

85mm, 3<sup>1/4</sup>" 100-500-560

Injection Cannula

for

100-500-553 - 100-500-555

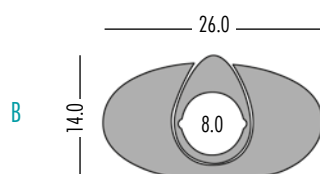
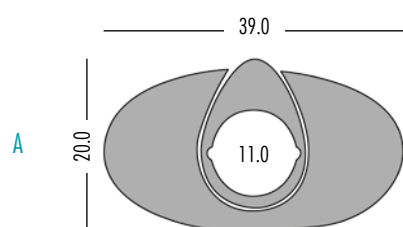
85mm, 3<sup>1/4</sup>" 100-500-561

**KLEINSASSER, B.**

Operation Laryngoscope

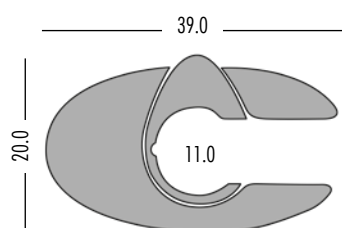
**A** medium, Children 100-500-564  
150mm, 6"

**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<sup>3/4</sup>" 100-500-538

for  
100-500-563

65mm, 2<sup>1/2</sup>" 100-500-556



Fiber Optic Light Carrier  
for  
100-500-531

120mm, 4<sup>3/4</sup>" 100-500-541



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

65mm, 2<sup>1/2</sup>" 100-500-558



Light Clip

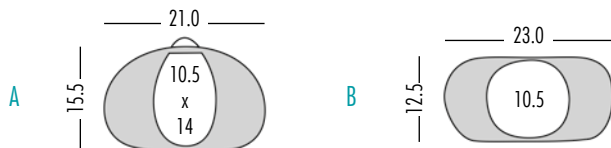
100-500-576



Injection Cannula, malleable,  
135mm, 5<sup>1/3</sup>"

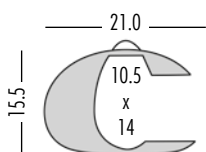
Ø 2mm 100-500-574

Ø 3mm 100-500-575

**KLEINSASSER, B. - S.**

Operation Laryngoscope

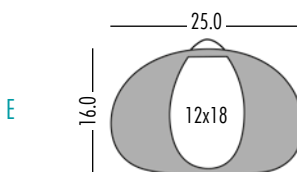
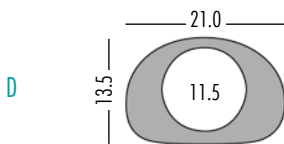
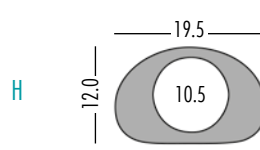
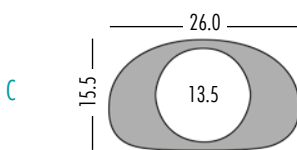
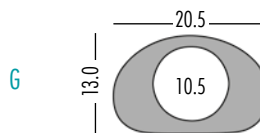
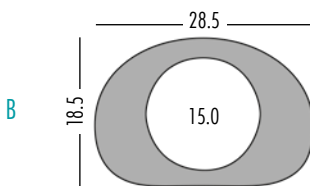
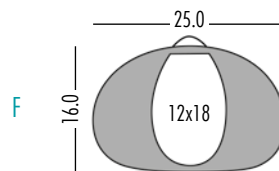
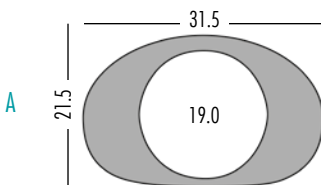
|                                        |             |
|----------------------------------------|-------------|
| <b>A</b> slender, Adult                | 100-500-573 |
| 170mm, 6 <sup>2</sup> / <sub>3</sub> " |             |
| <b>B</b> extra - slender, Adult        | 100-500-572 |
| 150mm, 6"                              |             |

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

Operation Laryngoscope

|                                        |             |
|----------------------------------------|-------------|
| slender, Adult                         | 100-500-571 |
| 170mm, 6 <sup>2</sup> / <sub>3</sub> " |             |





#### Operation Laryngoscope, spreadable

|                                                                           |             |
|---------------------------------------------------------------------------|-------------|
| <b>A</b> extra large, Adults, 170mm, 6 <sup>2</sup> / <sub>3</sub> "      | 100-500-208 |
| <b>B</b> extra large, Adults, 170mm, 6 <sup>2</sup> / <sub>3</sub> "      | 100-500-205 |
| <b>C</b> medium, Adults, 170mm, 6 <sup>2</sup> / <sub>3</sub> "           | 100-500-204 |
| <b>D</b> small, Adults, 180mm, 7"                                         | 100-500-203 |
| <b>E</b> medium, anterior Adults, 180mm, 7"                               | 100-500-206 |
| <b>F</b> medium, long neck Adults, 220mm, 8 <sup>2</sup> / <sub>3</sub> " | 100-500-207 |
| <b>G</b> small, Children, 150mm, 6"                                       | 100-500-202 |
| <b>H</b> 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

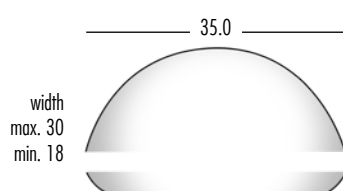


## Operation Laryngoscope, spreadable

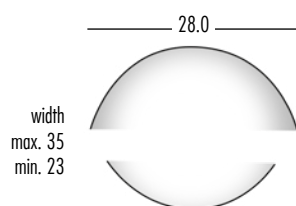
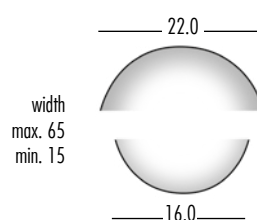
|                                                                     |             |
|---------------------------------------------------------------------|-------------|
| <b>A</b> extra large, Adults,<br>180mm, 7"                          | 100-500-583 |
| <b>B</b> Adolescent / Adults,<br>180mm, 7"                          | 100-500-582 |
| <b>C</b> small, Children,<br>135mm, 5 <sup>1</sup> / <sub>3</sub> " | 100-500-581 |

## PROXIMAL

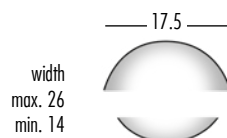
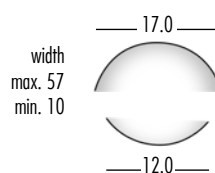
## DISTAL



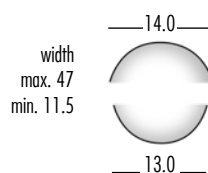
A



B



C





Fiber Optic Light Carrier  
for  
100-500-583 / 100-500-582

|                           |             |
|---------------------------|-------------|
| 120mm, 4 <sup>3/4</sup> " | 100-500-584 |
|---------------------------|-------------|

for  
100-500-581

|           |             |
|-----------|-------------|
| 100mm, 4" | 100-500-585 |
|-----------|-------------|



Suction Tube  
for  
100-500-583 / 100-500-582

|           |             |
|-----------|-------------|
| 100mm, 4" | 100-500-586 |
|-----------|-------------|

for  
100-500-581

|                           |             |
|---------------------------|-------------|
| 120mm, 4 <sup>3/4</sup> " | 100-500-587 |
|---------------------------|-------------|



Injection Cannula  
for  
100-500-583 / 100-500-582

|                          |             |
|--------------------------|-------------|
| 70mm, 2 <sup>3/4</sup> " | 100-500-588 |
|--------------------------|-------------|



## PARSONS

Laryngoscope, for binocular viewing

|                                       |             |
|---------------------------------------|-------------|
| Children<br>145mm, 5 <sup>3/4</sup> " | 100-500-145 |
|---------------------------------------|-------------|

|                                                  |             |
|--------------------------------------------------|-------------|
| Adolescent / Adults<br>165mm, 6 <sup>1/2</sup> " | 100-500-165 |
|--------------------------------------------------|-------------|

|                     |             |
|---------------------|-------------|
| Adults<br>180mm, 7" | 100-500-180 |
|---------------------|-------------|

### 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 left

2mm 100-700-003

4mm 100-700-103

curved right

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

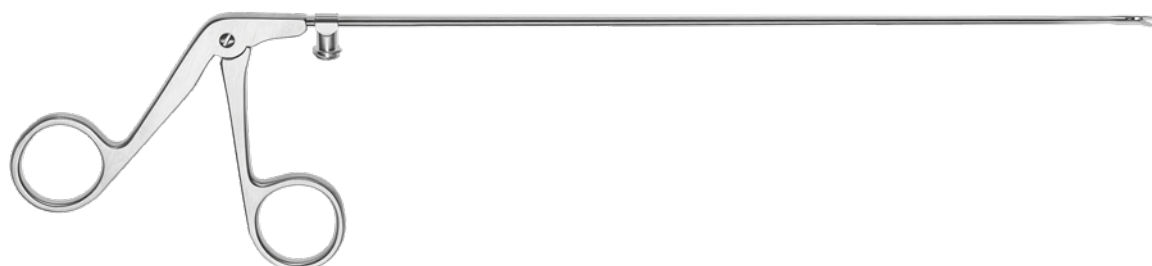


triangular jaws, straight

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

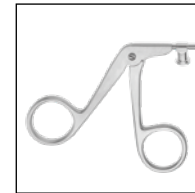
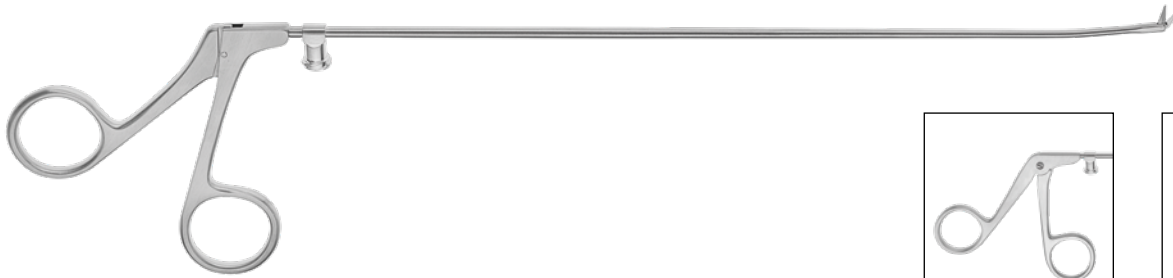


straight, horizontal cutting

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

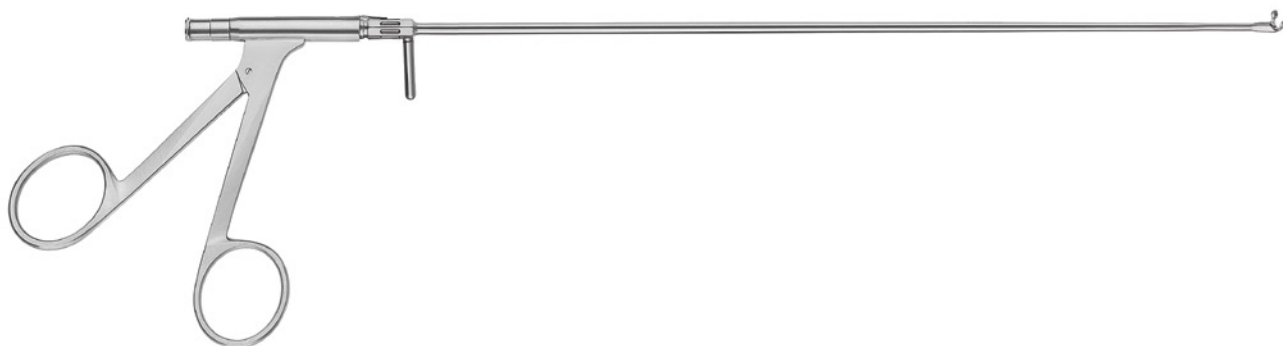
100-715-008

with thumb control

100-725-008

# Laryngeal Instruments, 360° rotatable

with LuerLock, working length: 235mm, 9<sup>1</sup>/<sub>4</sub>"



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

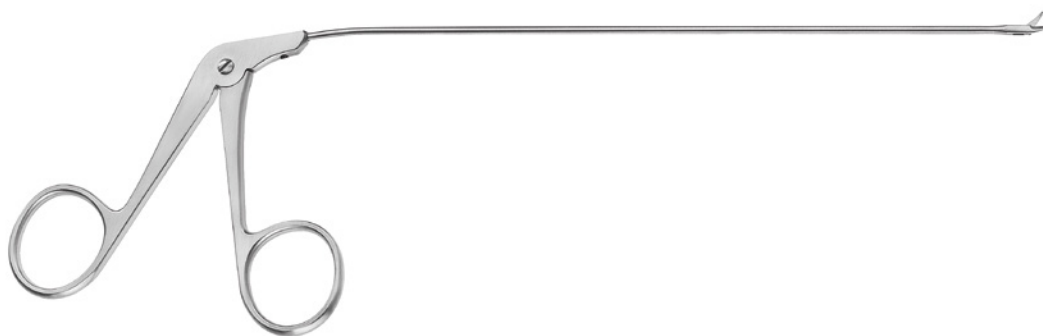
curved left

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



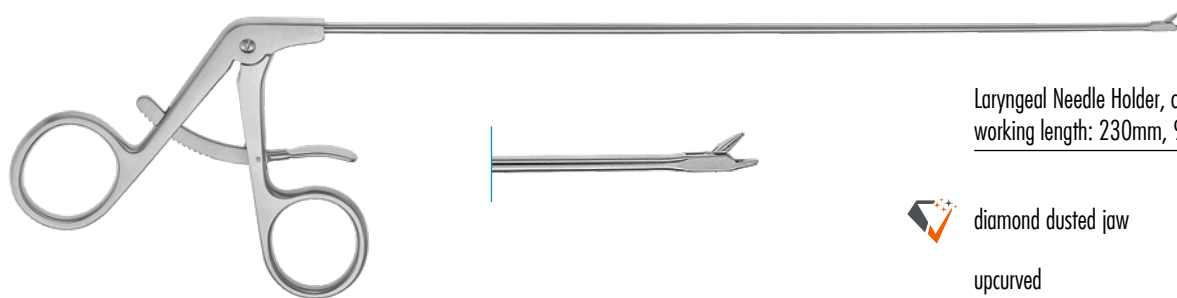
curved right

100-712-008



curved left

100-712-009



Laryngeal Needle Holder, conical tubular shaft,  
working length: 230mm, 9"

100-700-200

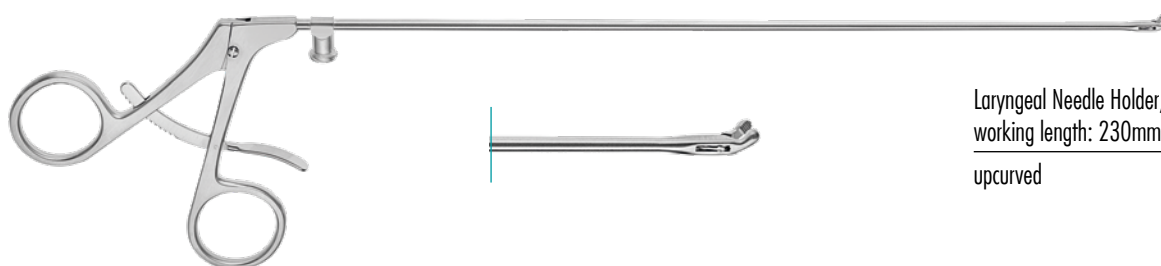


diamond dusted jaw

100-700-210

upcurved

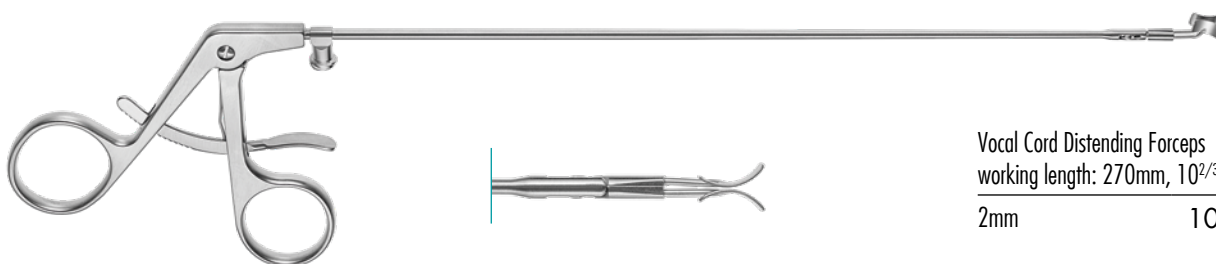
100-700-230



Laryngeal Needle Holder, conical tubular shaft,  
working length: 230mm, 9"

upcurved

100-700-230



Vocal Cord Distending Forceps  
working length: 270mm, 10<sup>2/3</sup>"

2mm

100-700-270

# Laryngeal Instruments for Microsurgery

total length: 250mm, 9<sup>7/8</sup>"



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



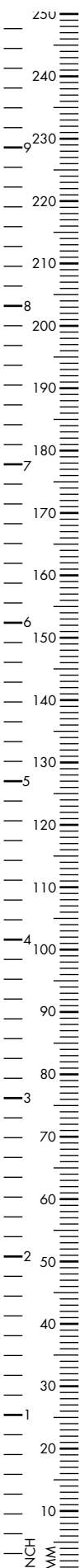
Knife, straight, lance-shaped

100-850-015

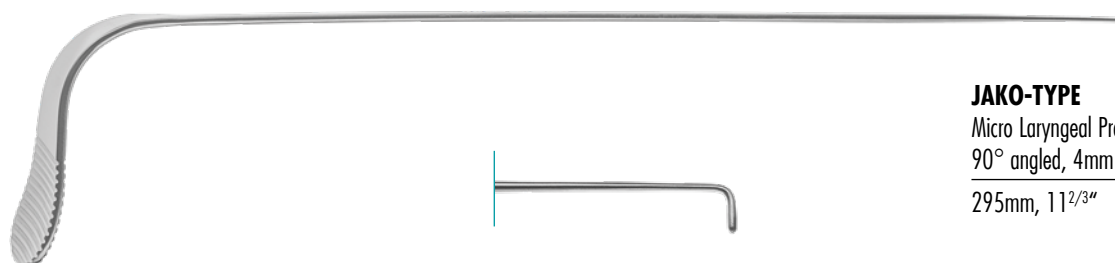
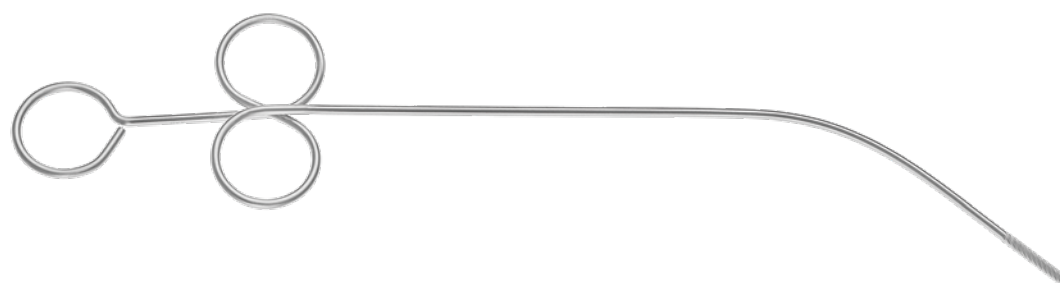


100-850-000

Handle only

**JAKO-TYPE**295mm, 11<sup>2</sup>/<sub>3</sub>"

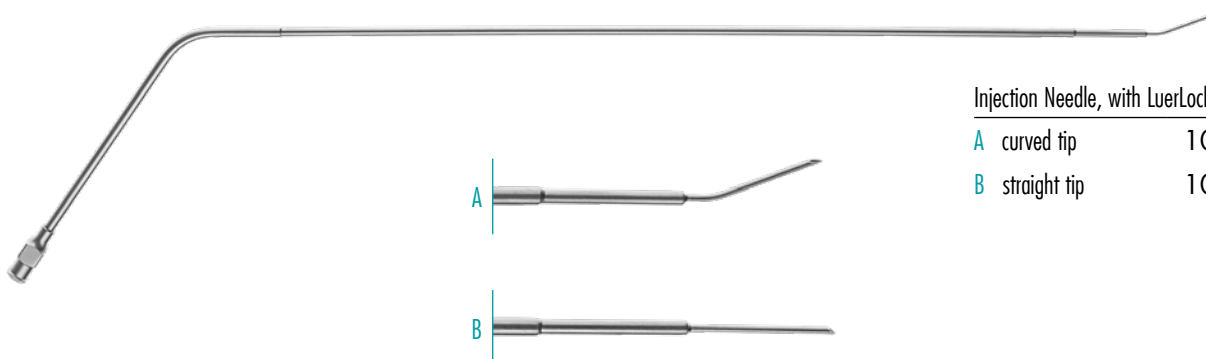
|                                                         |             |
|---------------------------------------------------------|-------------|
| <b>A</b> Laryngeal Knife,<br>8mm blade length           | 100-853-295 |
| <b>B</b> Laryngeal<br>Sickle Knife,<br>8mm blade length | 100-854-295 |
| <b>C</b> Laryngeal Probe,<br>straight                   | 100-855-300 |
| <b>D</b> Laryngeal Probe,<br>90° angled                 | 100-856-300 |
| <b>A</b> Micro Dissector<br>blunt, 4mm wide             | 100-857-300 |

**JAKO-TYPE**Micro Laryngeal Probe, thumb handle,  
90° angled, 4mm295mm, 11<sup>2</sup>/<sub>3</sub>" 100-860-300Cotton Applicator, twist end serrated,  
Ø 2.3mm

280mm, 11" 100-864-280

Suction Tube, 250mm, 9<sup>7/8</sup>"

|         |             |
|---------|-------------|
| 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,<br>280mm, 11"                 | 100-862-030 |
| 5.0mm,<br>270mm, 10 <sup>2/3</sup> " | 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

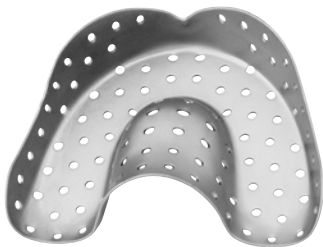
Ø 3.0mm

100-860-730



Teeth Protector, silicone

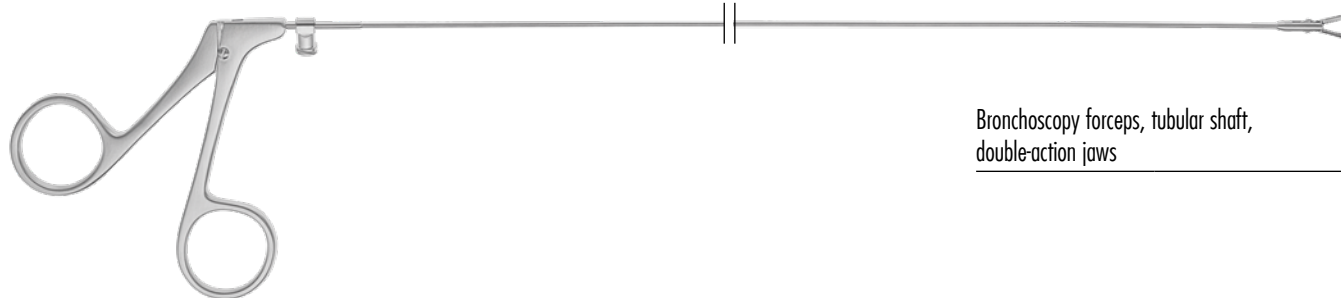
100-870-100



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 <sup>7</sup> / <sub>8</sub> "  | 100-720-001 |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-011 |



Universal Biopsy and Grasping Forceps  
Ø 2.0mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 250mm, 9 <sup>7</sup> / <sub>8</sub> "  | 100-720-002 |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-012 |



Biopsy Cup Forceps, straight, round cup  
Ø 2.0mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 250mm, 9 <sup>7</sup> / <sub>8</sub> "  | 100-720-003 |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-013 |



Grasping Forceps, fenestrated jaw  
Ø 2.0mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 250mm, 9 <sup>7</sup> / <sub>8</sub> "  | 100-720-004 |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-014 |



Foreign Body, alligator jaws  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-021 |
| 500mm, 19 <sup>3</sup> / <sub>4</sub> " | 100-720-031 |



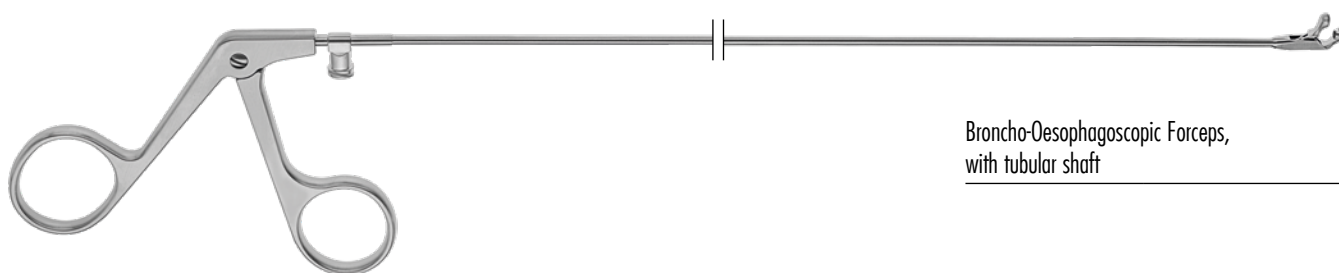
Universal Biopsy and Grasping Forceps  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-022 |
| 500mm, 19 <sup>3</sup> / <sub>4</sub> " | 100-720-032 |



Grasping Forceps, fenestrated jaw  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-024 |
| 500mm, 19 <sup>3</sup> / <sub>4</sub> " | 100-720-034 |



Broncho-Oesophagoscopic Forceps,  
with tubular shaft



Grasping Forceps, serrated  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-720-402 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-720-502 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-720-602 |
| Ø 1.5mm shaft                           |             |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-302 |



Grasping Forceps, serrated, fenestrated  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-720-403 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-720-503 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-720-603 |
| Ø 1.5mm shaft                           |             |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-303 |



Alligator teeth  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-720-404 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-720-504 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-720-604 |
| Ø 1.5mm shaft                           |             |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-304 |



Cupped Forceps, straight  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-720-405 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-720-505 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-720-605 |
| Ø 1.5mm shaft                           |             |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-305 |



Cupped Forceps, horizontal upcurved  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-720-406 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-720-506 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-720-606 |
| Ø 1.5mm shaft                           |             |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-306 |



Cupped Forceps, vertical upcurved  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-720-407 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-720-507 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-720-607 |
| Ø 1.5mm shaft                           |             |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-307 |



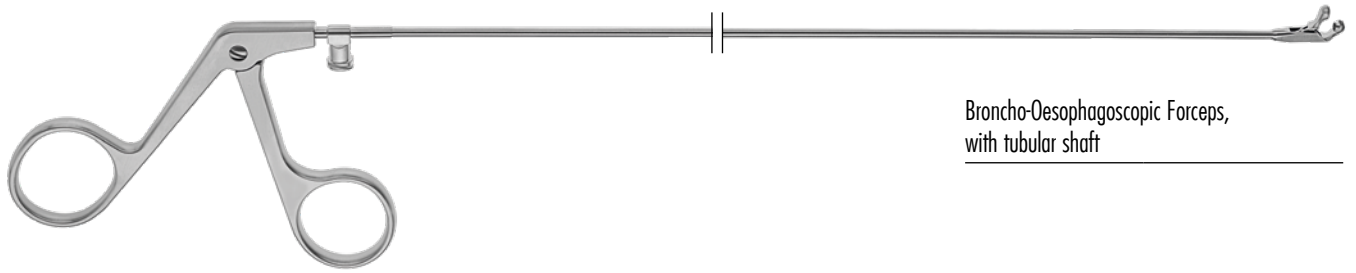
Cupped Forceps, right curved  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-720-408 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-720-508 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-720-608 |
| Ø 1.5mm shaft                           |             |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-308 |



Cupped Forceps, left curved  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-720-409 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-720-509 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-720-609 |
| Ø 1.5mm shaft                           |             |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-309 |



Broncho-Oesophagoscopic Forceps,  
with tubular shaft



Cupped Forceps, oblong, straight  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-720-410 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-720-510 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-720-610 |



Cupped Forces, oval, straight  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-720-411 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-720-511 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-720-611 |



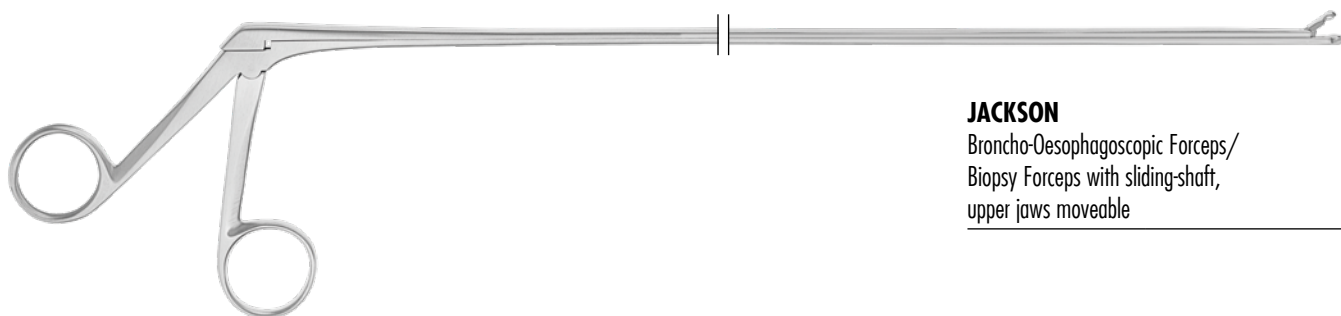
Cupped Forces, oval, straight  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-720-412 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-720-512 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-720-612 |
| Ø 1.5mm shaft                           |             |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-312 |



Cupped Forceps, oval, serrated, straight  
Ø 2.5mm shaft

|                                         |             |
|-----------------------------------------|-------------|
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-720-413 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-720-513 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-720-613 |
| Ø 1.5mm shaft                           |             |
| 350mm, 13 <sup>3</sup> / <sub>4</sub> " | 100-720-313 |

**JACKSON**

Broncho-Oesophagoscopic Forceps/  
Biopsy Forceps with sliding-shaft,  
upper jaws moveable



serrated

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-750-301 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-750-401 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-750-501 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-750-601 |



1x2 teeth

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-750-302 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-750-402 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-750-502 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-750-602 |



Alligator teeth

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-750-303 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-750-403 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-750-503 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-750-603 |

cupped jaws, straight  
Ø 2.0mm

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-750-304 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-750-404 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-750-504 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-750-604 |

cupped jaws, upcurved  
Ø 2.0mm

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-750-306 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-750-406 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-750-506 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-750-606 |



spoon, oblong, straight

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-750-308 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-750-408 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-750-508 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-750-608 |

cupped jaws, straight  
Ø 4.0mm

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-750-305 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-750-405 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-750-505 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-750-605 |

cupped jaws, straight  
Ø 4.0mm

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-750-307 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-750-407 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-750-507 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-750-607 |

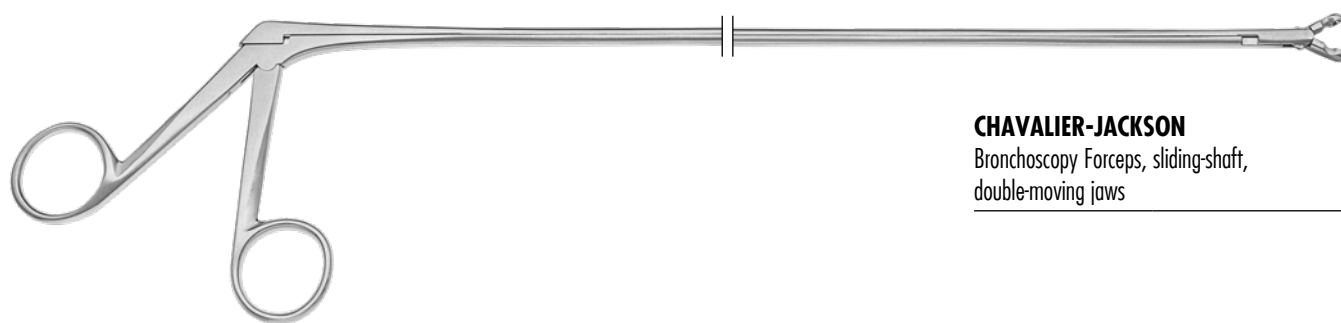


punch, angular

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-750-309 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-750-409 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-750-509 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-750-609 |

punch, round

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-750-310 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-750-410 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-750-510 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-750-610 |

**CHAVALIER-JACKSON**

Bronchoscopy Forceps, sliding-shaft,  
double-moving jaws



Grasping Forceps, serrated jaw

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-755-305 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-755-405 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-755-505 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-755-605 |



Grasping Forceps, serrated jaw

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-755-304 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-755-404 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-755-504 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-755-604 |



Cupped Forceps

|                                         |             |
|-----------------------------------------|-------------|
| 300mm, 11 <sup>7</sup> / <sub>8</sub> " | 100-755-310 |
| 400mm, 15 <sup>3</sup> / <sub>4</sub> " | 100-755-410 |
| 500mm, 19 <sup>1</sup> / <sub>2</sub> " | 100-755-510 |
| 600mm, 23 <sup>1</sup> / <sub>2</sub> " | 100-755-610 |

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