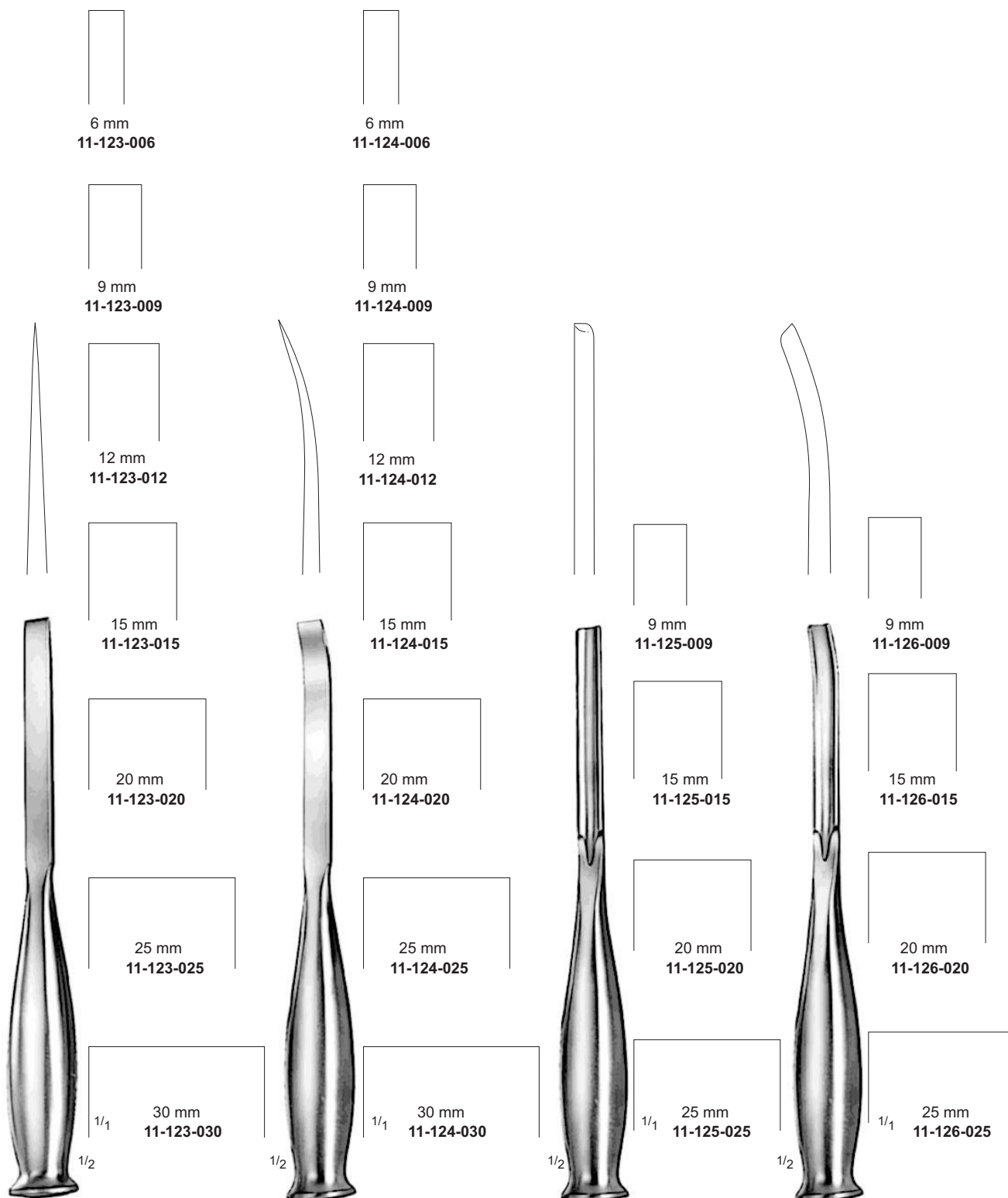
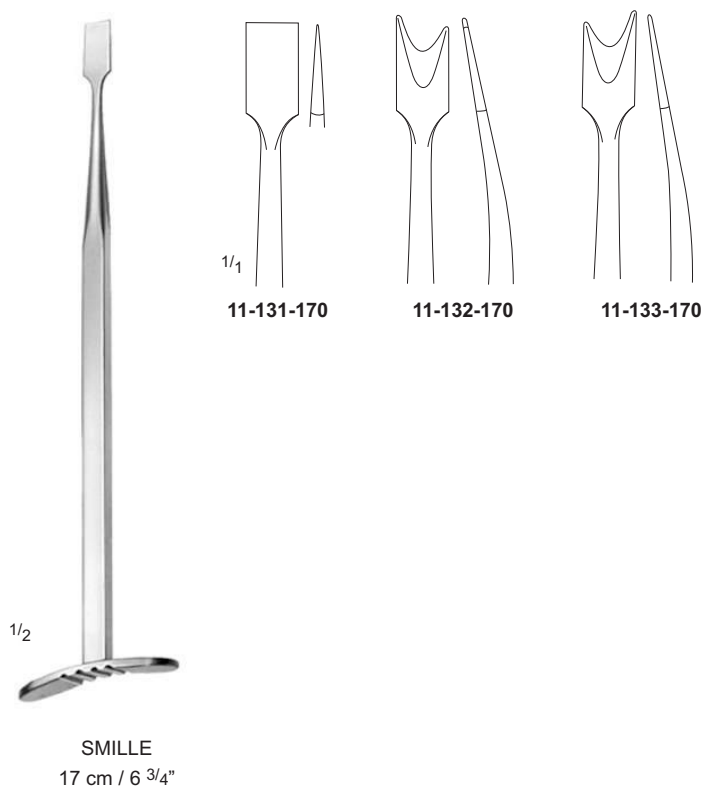
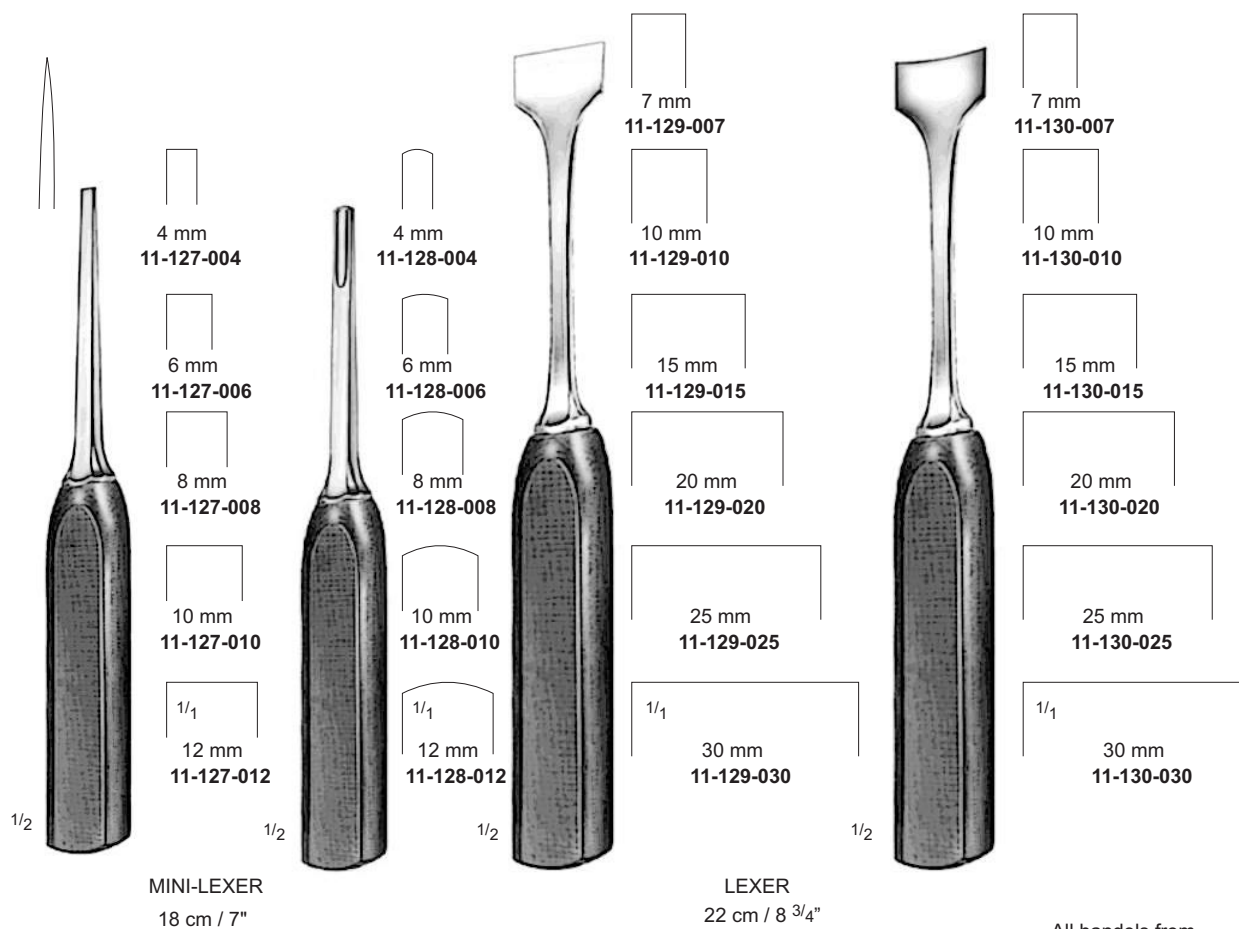


## Bone Chisels and Gouges

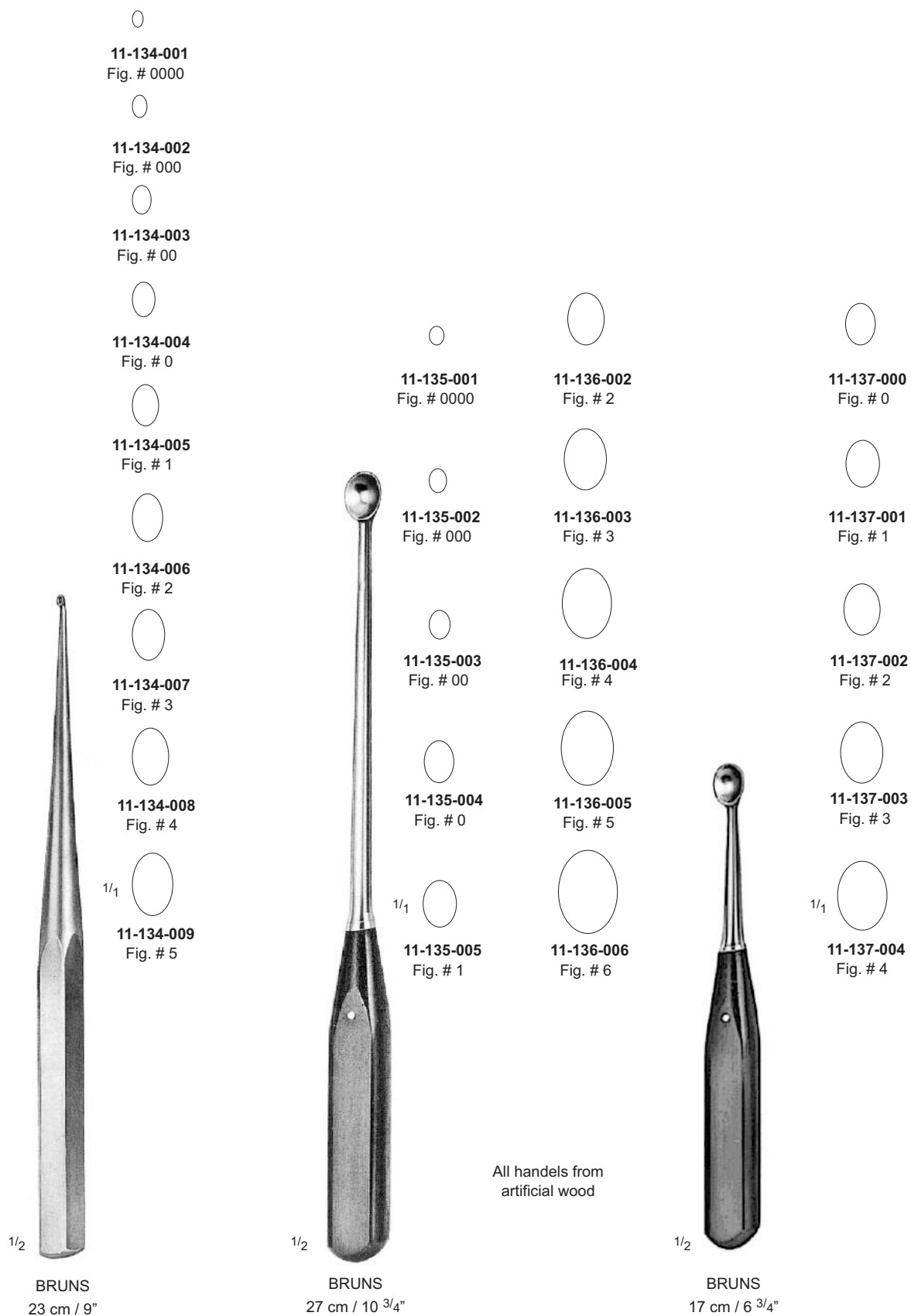


SMITH - PETERSON  
20 cm / 8"

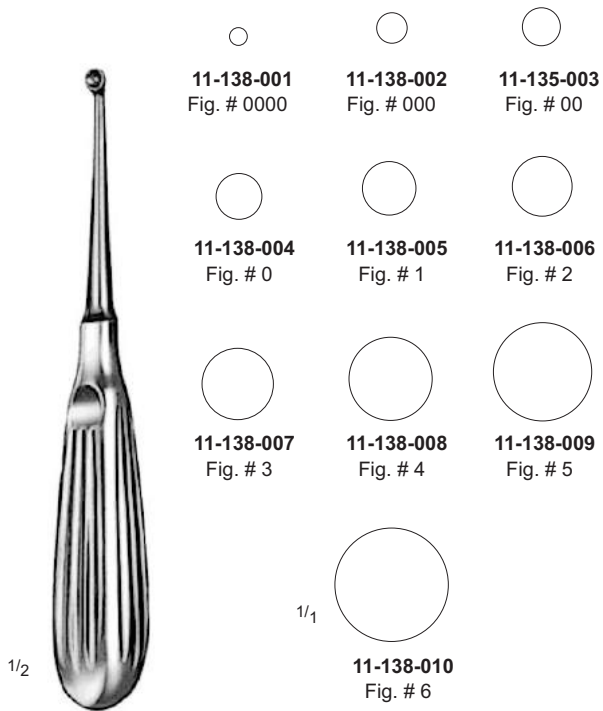
Bone Chisels and Gouges, Meniscotome Knives



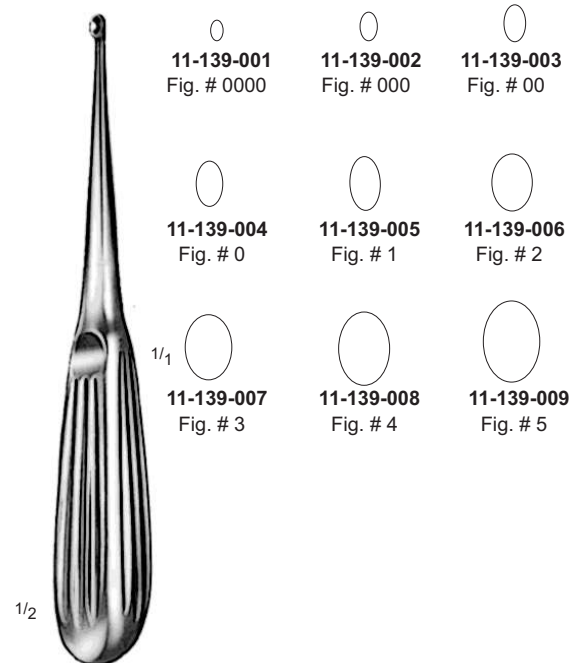
## Bone Curettes



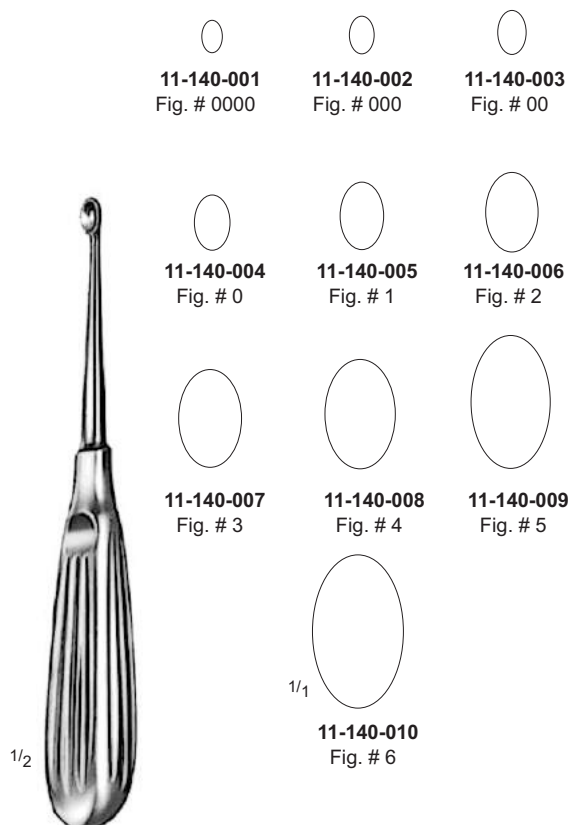
Bone Curettes



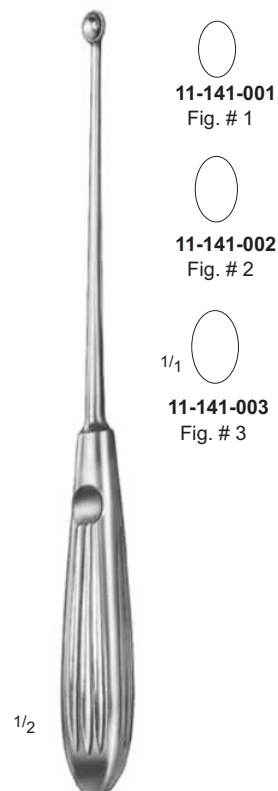
BRUNS  
17 cm / 6 3/4"



SPRATT  
17 cm / 6 3/4"



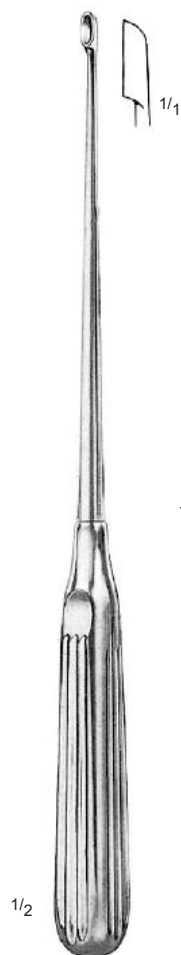
VOLKMANN  
17 cm / 6 3/4"



HALLE  
21 cm / 8 1/4"



## Bone Crettes



BRUNS-VOLKMANN  
23 cm / 9"

0

**11-142-001**  
Fig. # 0000

0

**11-142-002**  
Fig. # 000

0

**11-142-003**  
Fig. # 00

0

**11-142-004**  
Fig. # 0

0

**11-142-005**  
Fig. # 1

1/1



**11-142-006**  
Fig. # 2



**11-142-007**  
Fig. # 3



**11-142-008**  
Fig. # 4



**11-142-009**  
Fig. # 5



**11-142-010**  
Fig. # 6



VOLKMANN

1/1



**11-143-130**  
13 cm / 5"



**11-143-140**  
14 cm / 5 1/2"



**11-143-170**  
17 cm / 6 3/4"



WILLIGER  
13.5 cm / 5 1/4"



**11-144-001**



**11-144-002**



**11-144-003**



**11-144-003**



**11-144-003**



**11-145-001**  
Fig # 1



**11-145-002**  
Fig # 2



**11-145-003**  
Fig # 3

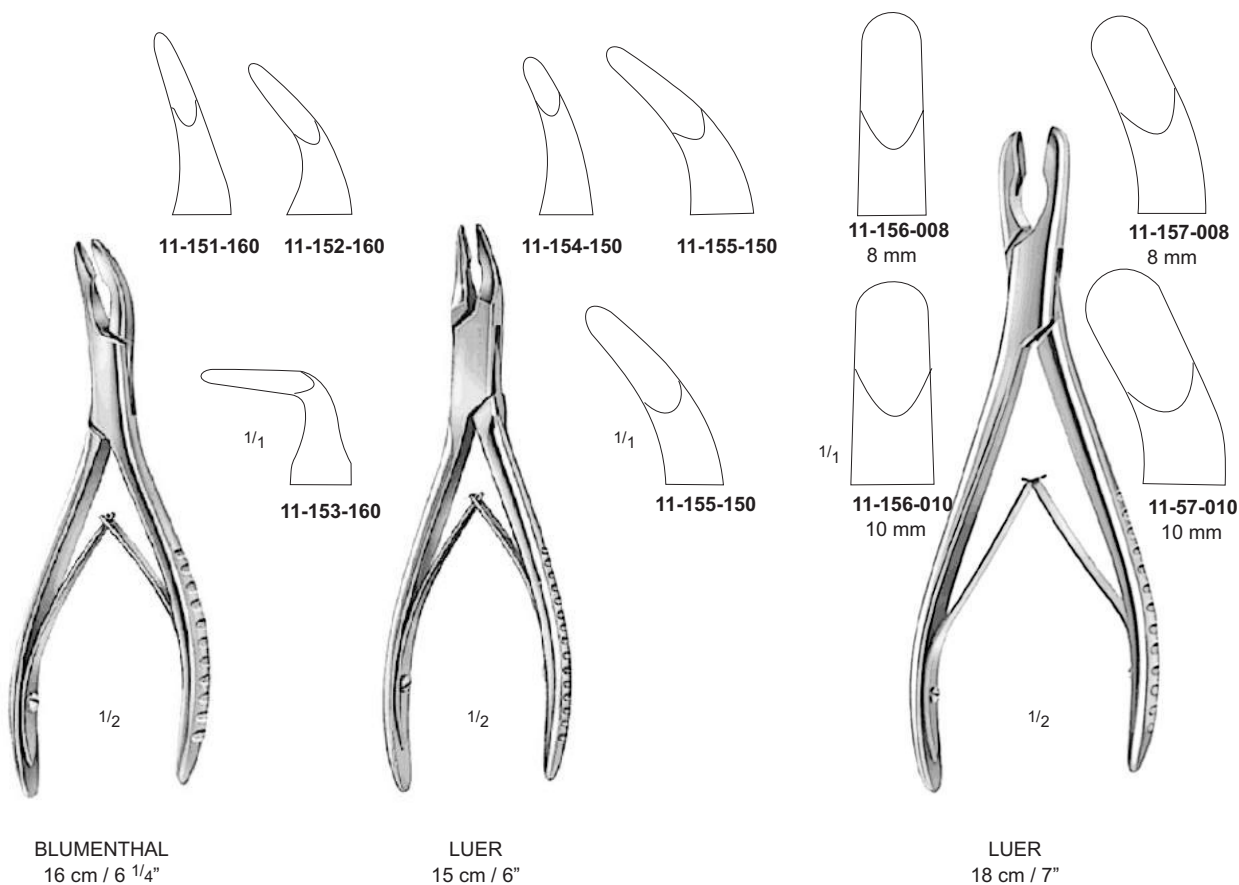
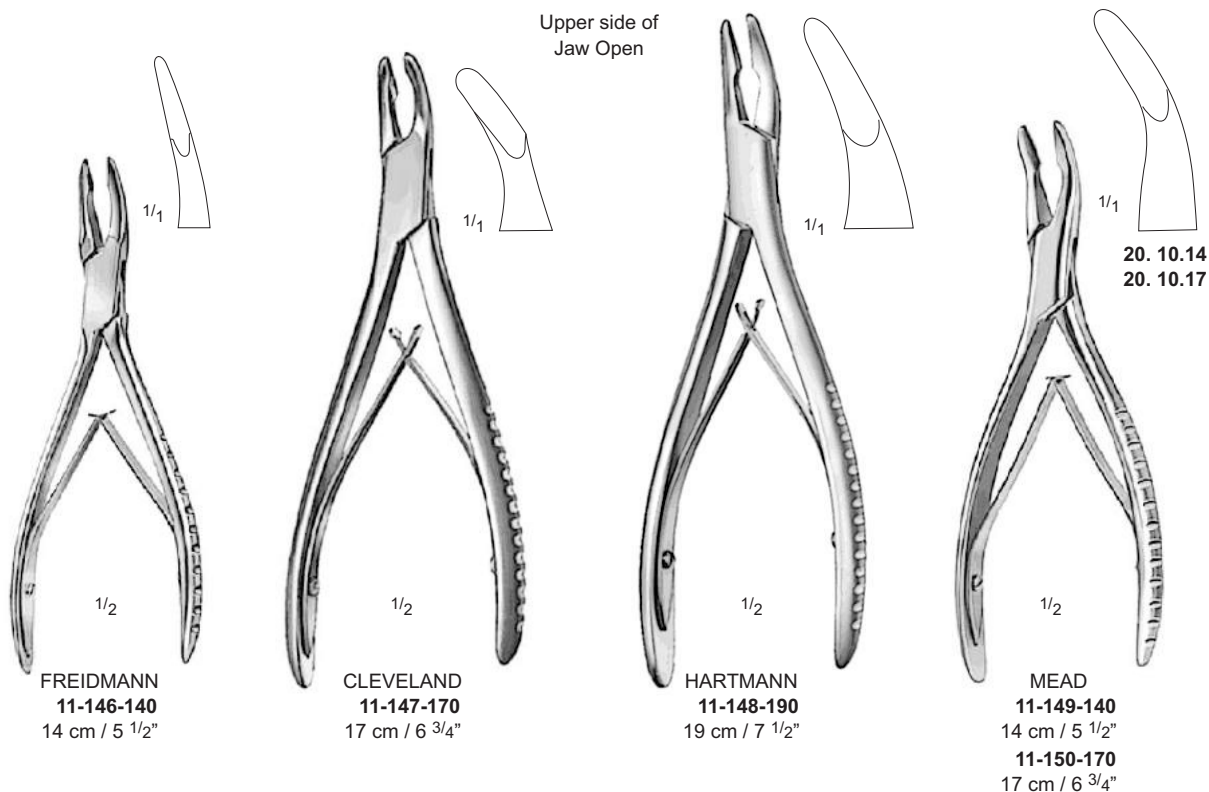


**11-145-003**

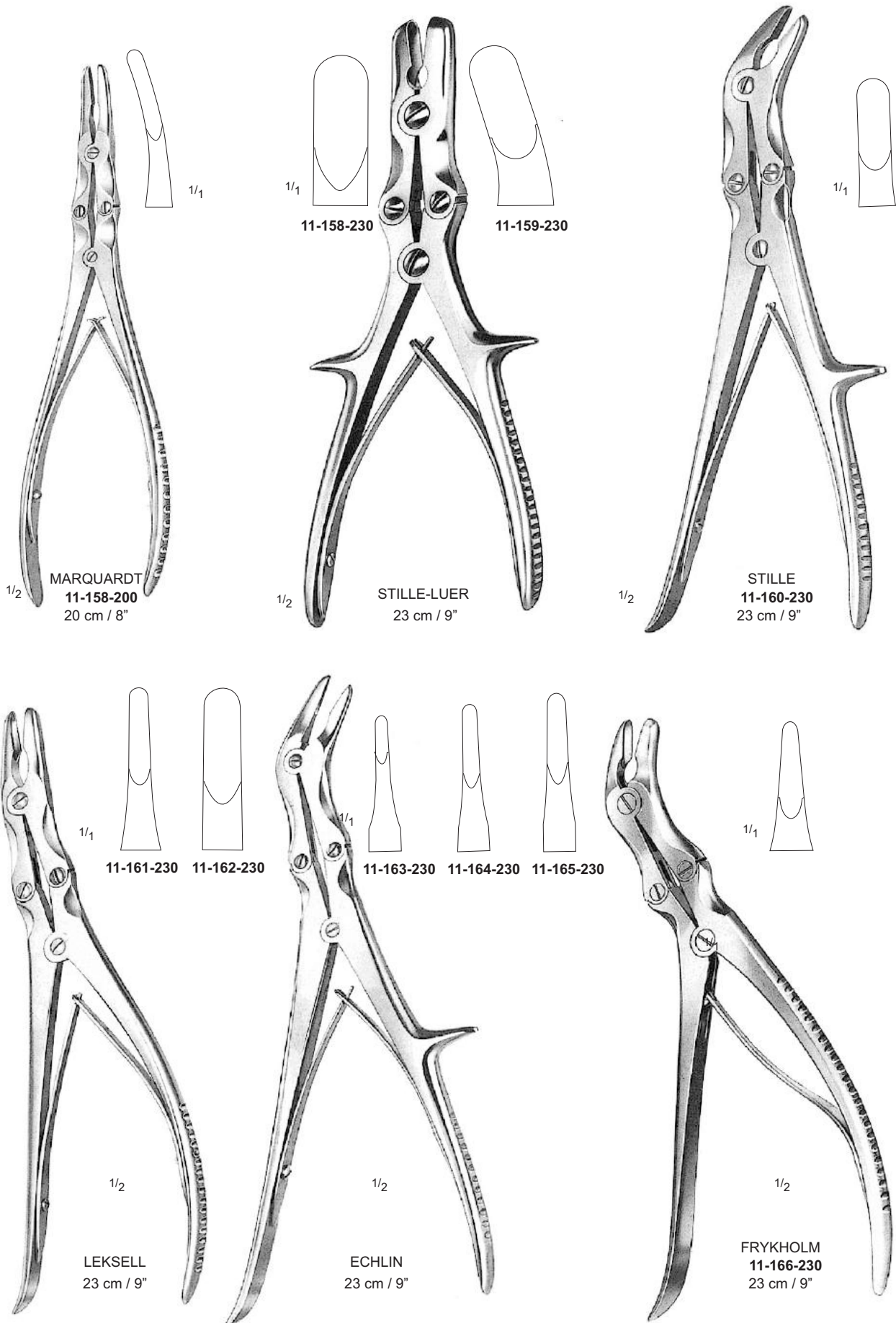


VOLKMANN  
22 cm / 8 3/4"

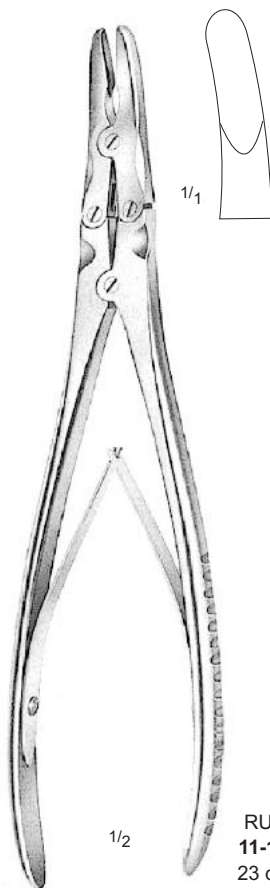
Bone Rongeurs



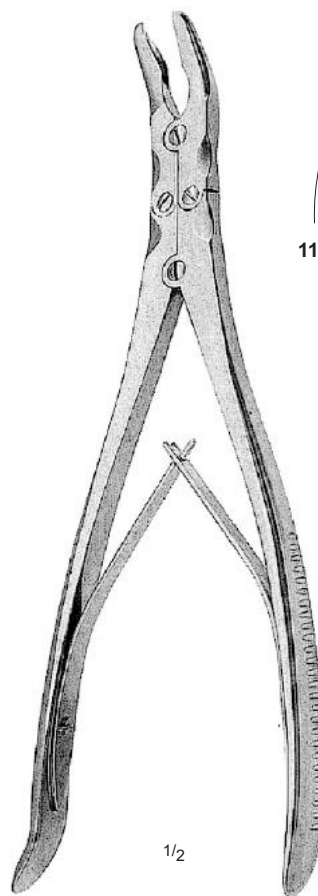
Bone Rongeurs



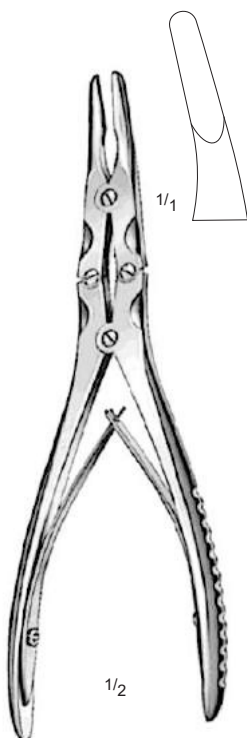
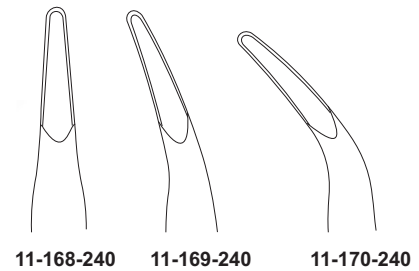
Bone Rongeurs



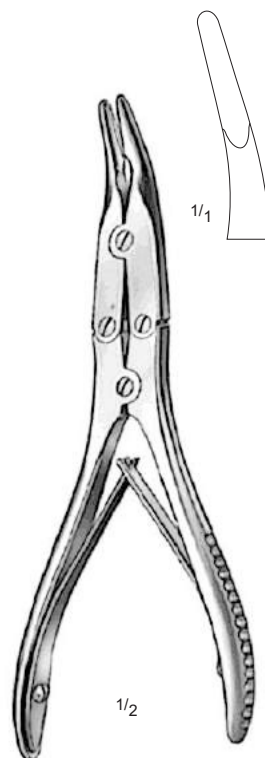
RUSKIN  
11-167-230  
23 cm / 9"



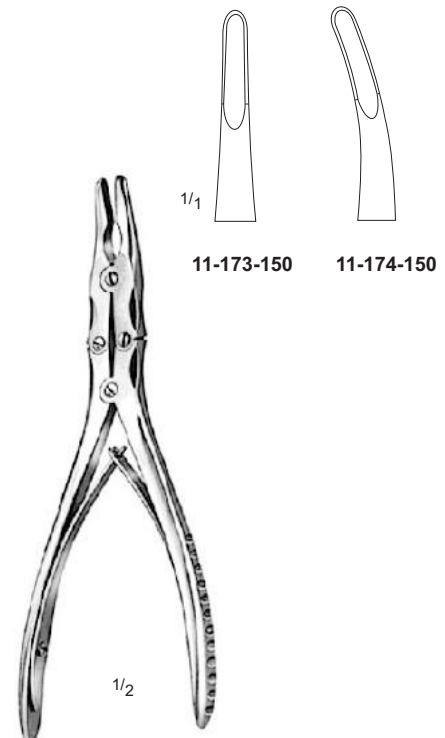
SMITH PETERSON  
24 cm / 9 1/2"



ZAUFAL-JANSEN  
11-171-180  
18 cm / 7"

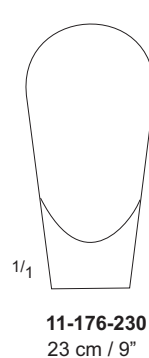
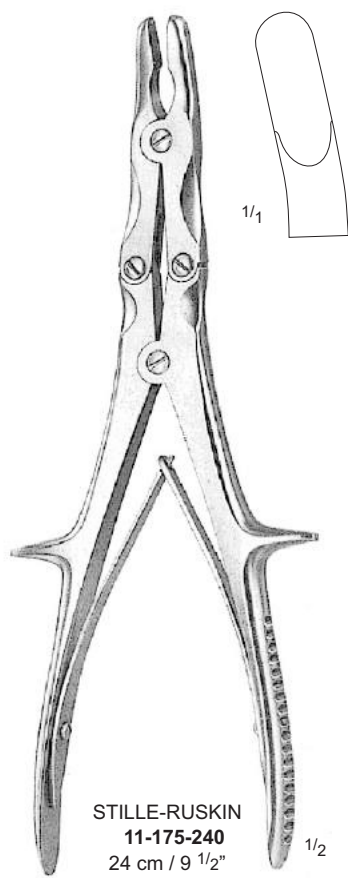
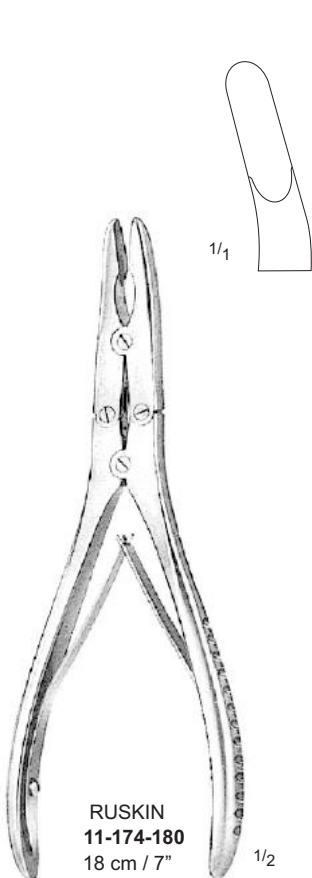


BEYER  
11-172-180  
18 cm / 7"

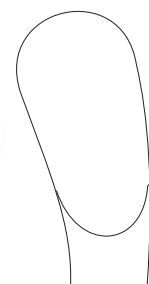


BOHLER  
15 cm / 6"

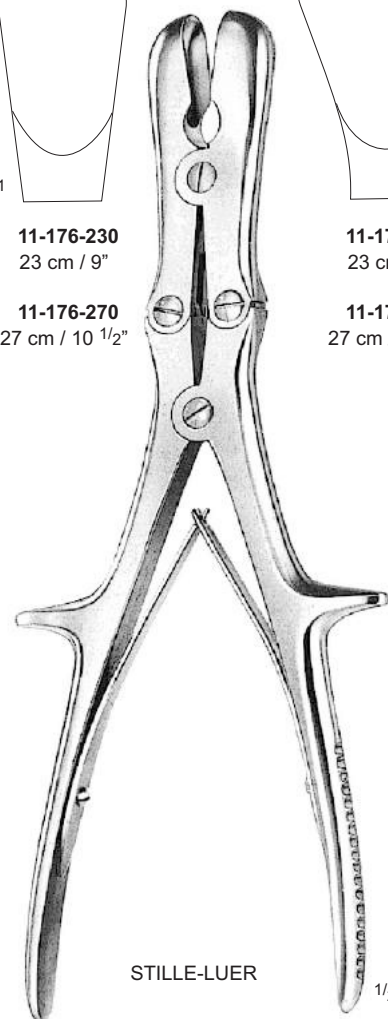
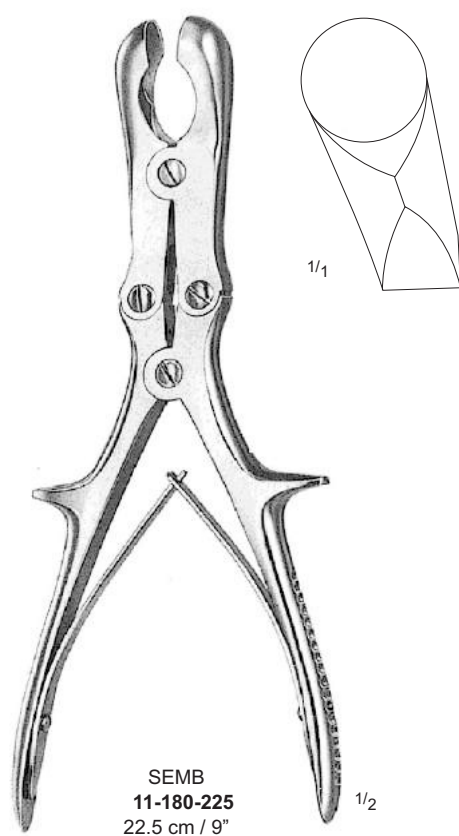
## Bone Rongeurs



**11-176-270**  
27 cm / 10 1/2"



**11-179-270**  
27 cm / 10 1/2"

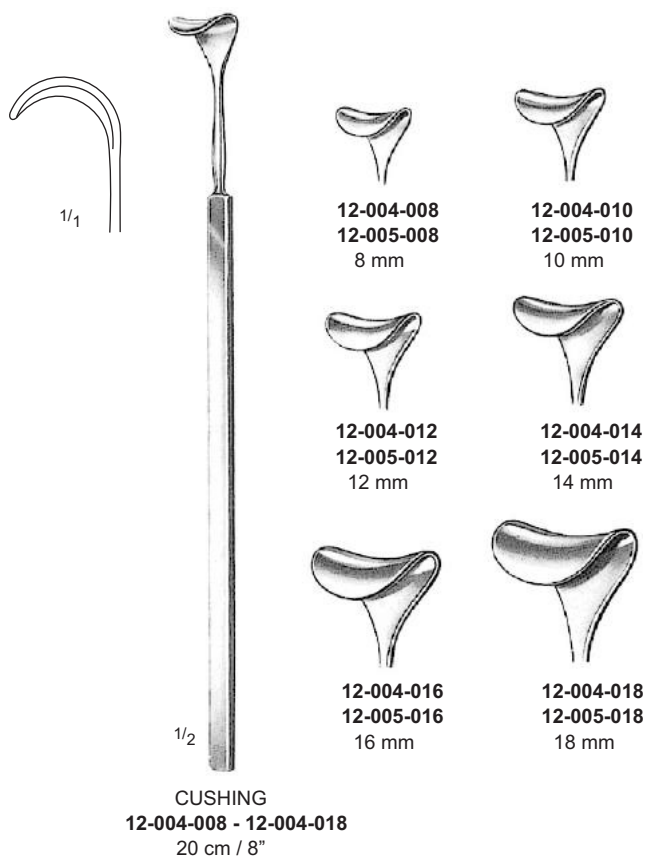
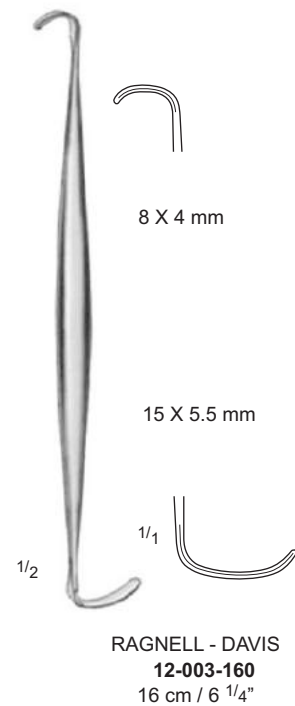
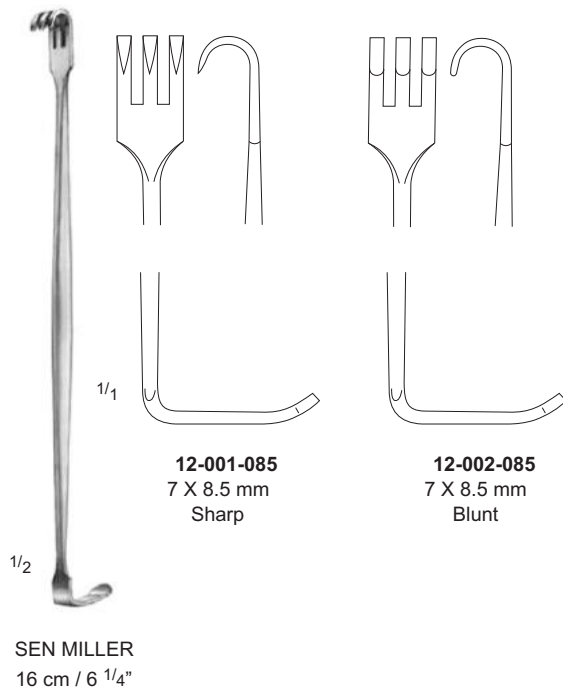


# Retractors

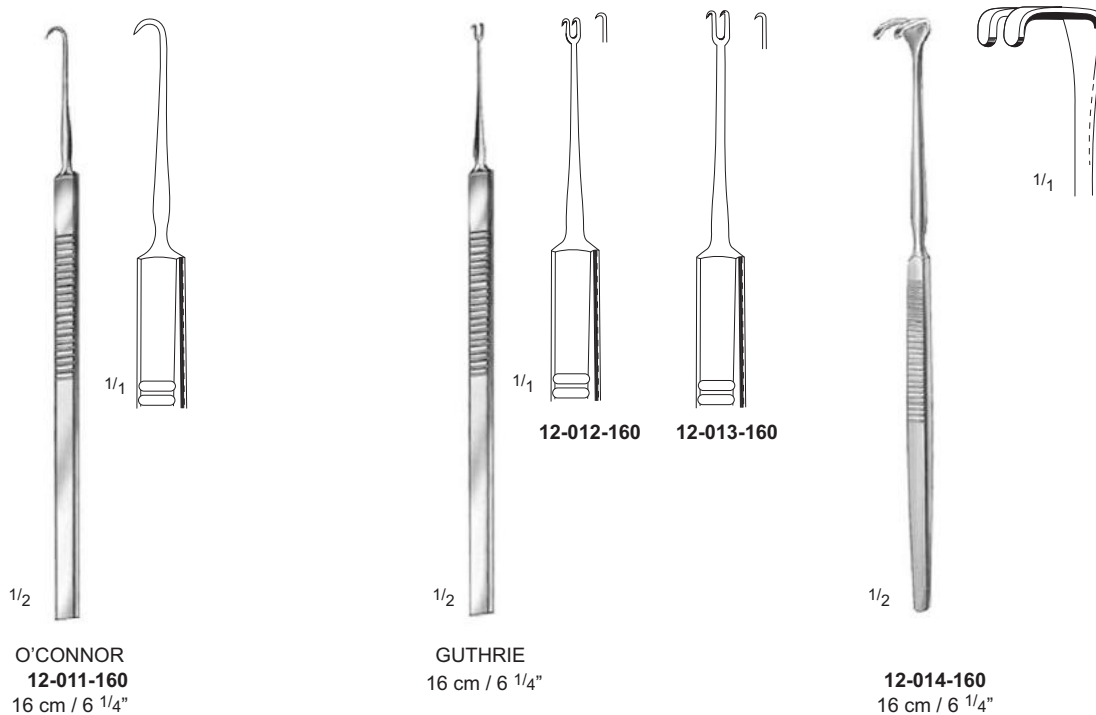
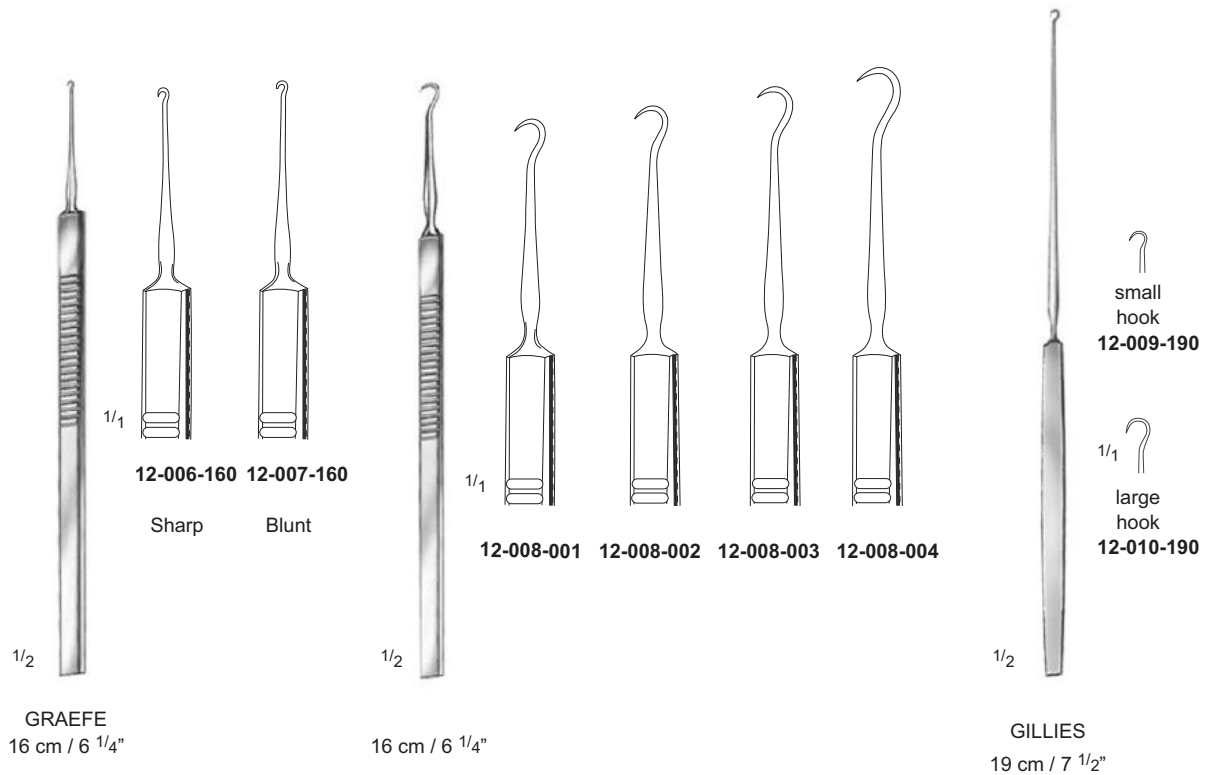




## Hooks and Retractors

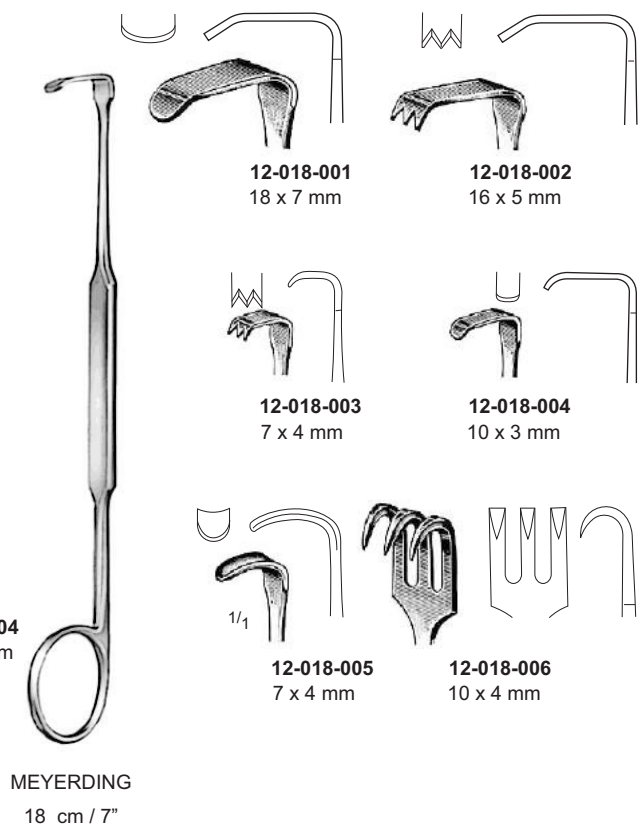
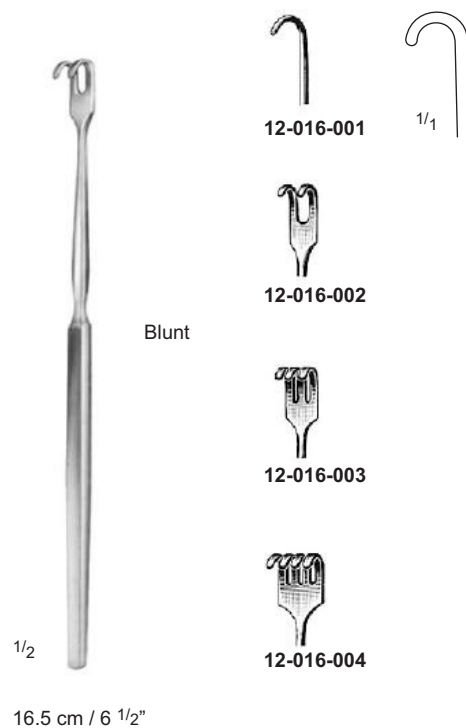
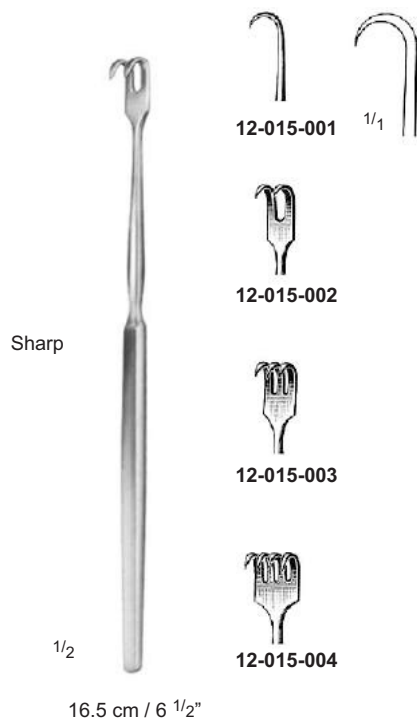


Hooks and Retractors

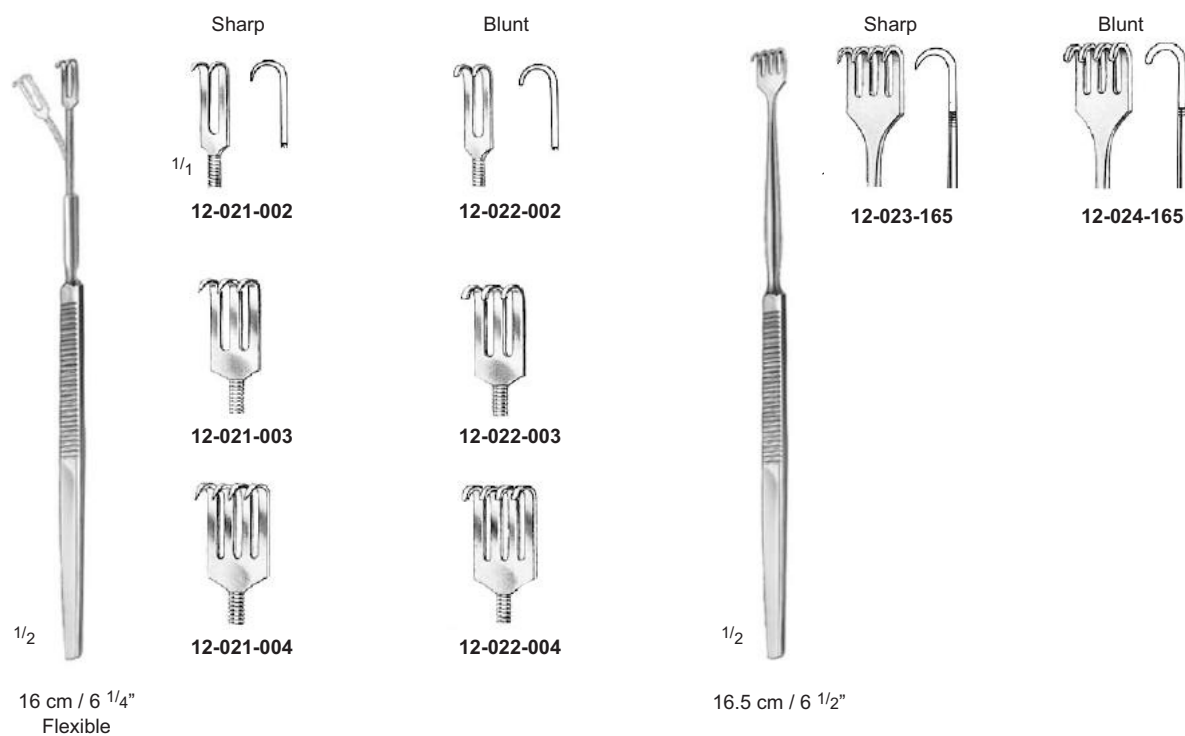
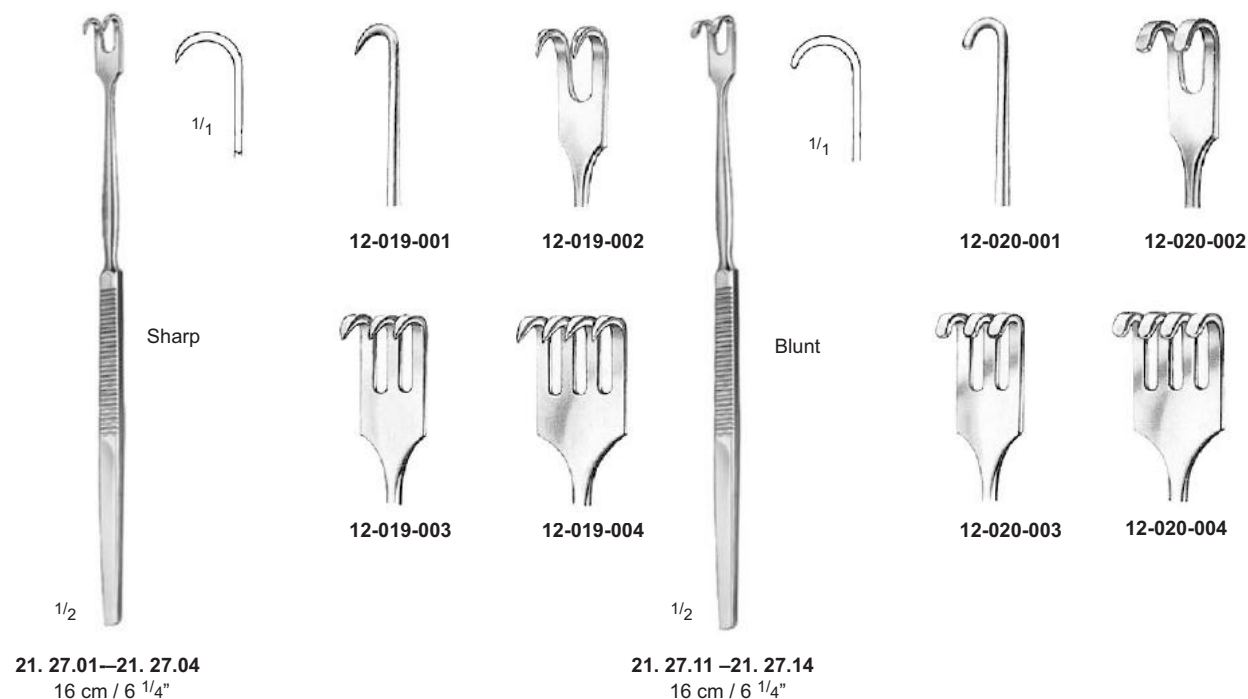




## Retractors



Retractors



Abdominal Spatulas, Ribbon Retractors



1/3

REVERDIN  
**12-025-280**  
28 cm / 11"  
45 x 60 mm



1/3

OCHSNER  
**12-026-030** 30 mm  
**12-026-040** 40 mm  
**12-026-050** 50 mm  
33 cm / 13"

Flexible



HABERER  
**12-027-200**  
20 cm / 8", 17/25 mm  
**12-027-280**  
28 cm / 11", 25/30 mm  
**12-027-300**  
30 cm / 12", 37/45 mm

Flexible

Malleable and  
very soft.



**12-028-006** – 6 x 200 mm  
**12-028-010** – 10 x 200 mm  
**12-028-012** – 12 x 200 mm  
**12-028-017** – 17 x 200 mm  
**12-028-020** – 20 x 200 mm  
**12-028-025** – 25 x 200 mm  
**12-028-027** – 27 x 250 mm  
**12-028-035** – 35 x 250 mm

Retractors

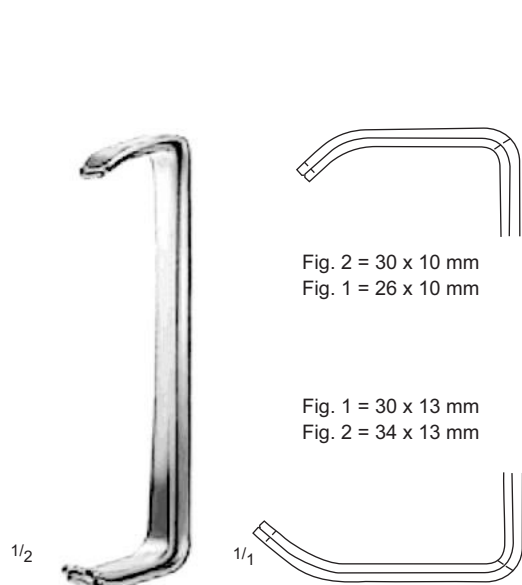


Fig. 2 = 30 x 10 mm  
Fig. 1 = 26 x 10 mm

Fig. 1 = 30 x 13 mm  
Fig. 2 = 34 x 13 mm

**FARABEUF**  
**12-029-120** – Set of 2  
12 cm / 4 3/4"

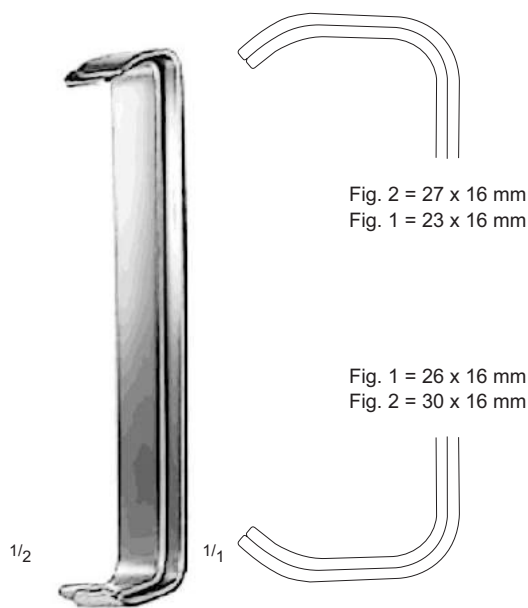


Fig. 2 = 27 x 16 mm  
Fig. 1 = 23 x 16 mm

Fig. 1 = 26 x 16 mm  
Fig. 2 = 30 x 16 mm

**FARABEUF**  
**12-030-150** – Set of 2  
15 cm / 6"

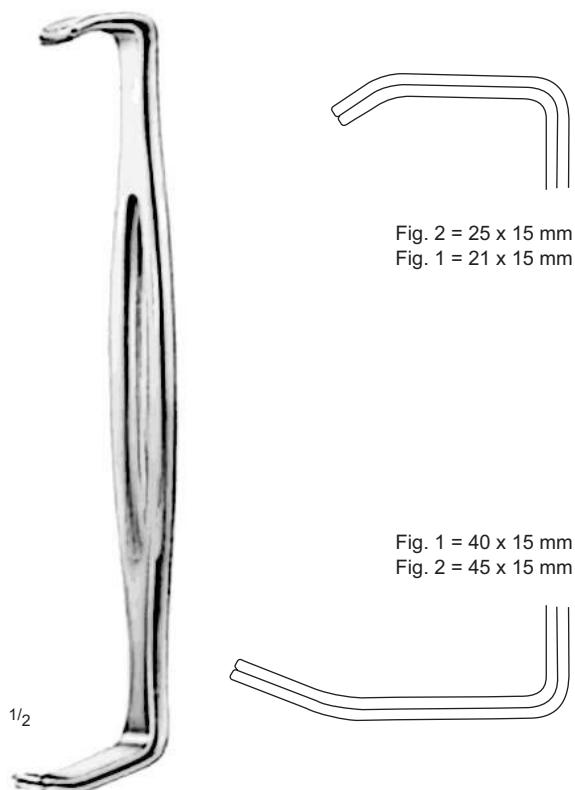


Fig. 2 = 25 x 15 mm  
Fig. 1 = 21 x 15 mm

Fig. 1 = 40 x 15 mm  
Fig. 2 = 45 x 15 mm

**PARKER - LANGENBECK**  
**12-031-210** – Set of 2  
21 cm / 8 1/4"

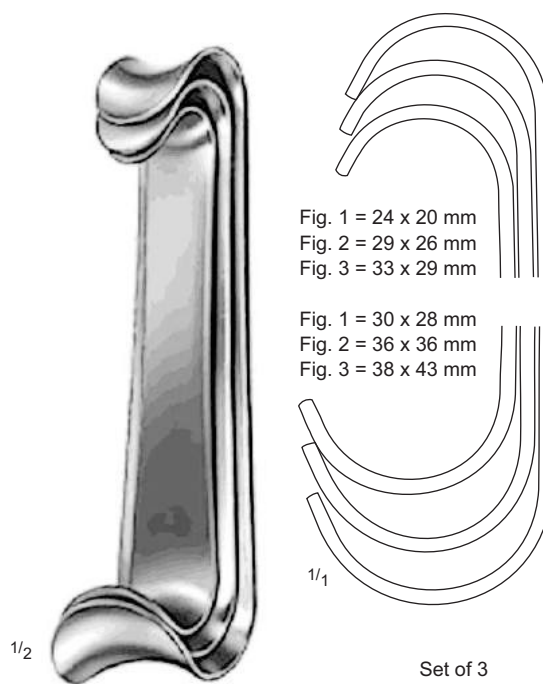


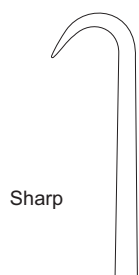
Fig. 1 = 24 x 20 mm  
Fig. 2 = 29 x 26 mm  
Fig. 3 = 33 x 29 mm

Fig. 1 = 30 x 28 mm  
Fig. 2 = 36 x 36 mm  
Fig. 3 = 38 x 43 mm

**ROUX**  
**12-032-150** – Fig 1 = 15 cm / 6"  
**12-032-160** – Fig 2 = 16 cm / 6 1/4"  
**12-032-170** – Fig 3 = 17 cm / 6 3/4"

Set of 3  
**21. 49.10**

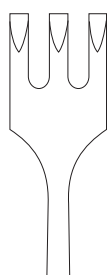
## Retractors, Hooks



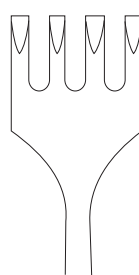
12-033-001



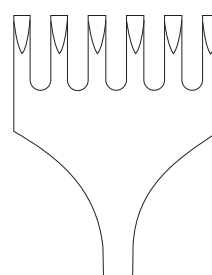
12-033-002



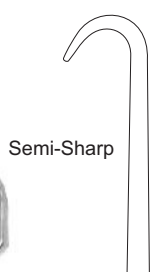
12-033-003



12-033-004



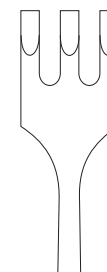
12-033-005



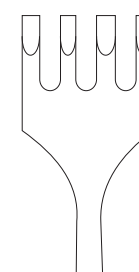
12-034-001



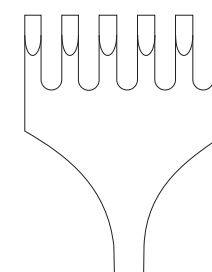
12-034-002



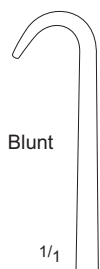
12-034-003



12-034-004



12-034-005

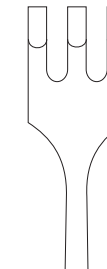


1/1

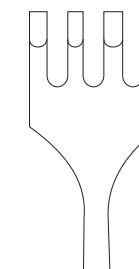
12-035-001



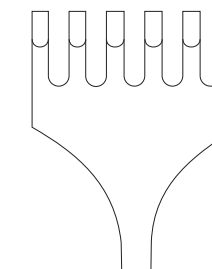
12-035-002



12-035-003



12-035-004

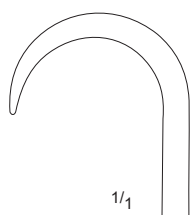


12-035-005

1/2

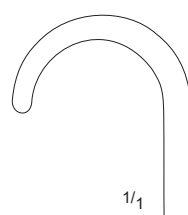


VOLKMANN  
22 cm / 8 3/4"



1/1

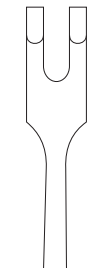
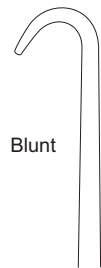
12-036-220  
22 cm / 8 3/4"



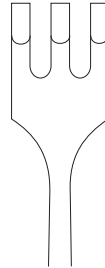
1/1

12-037-220  
22 cm / 8 3/4"

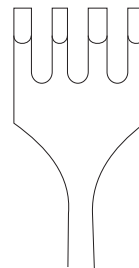
Retractors



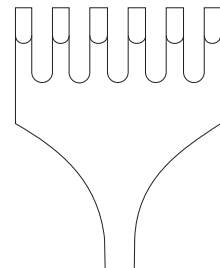
12-038-002



12-038-003



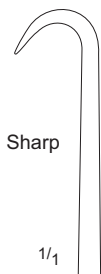
12-038-004



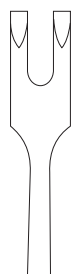
12-038-005



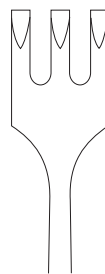
1/2



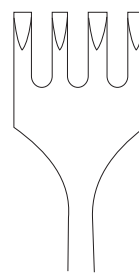
1/4



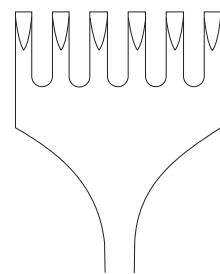
12-039-002



12-039-003



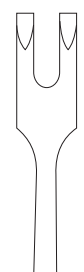
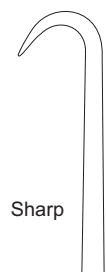
12-039-004



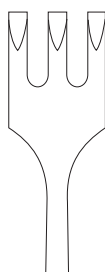
12-039-005

VOLKMANN  
21.5 cm / 8 1/2"

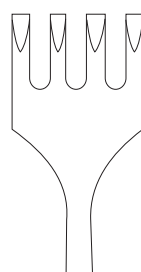
## Retractors



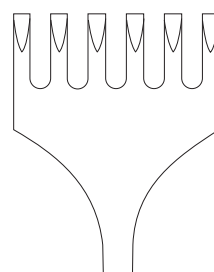
12-040-002



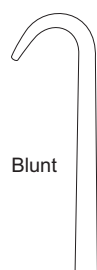
12-040-003



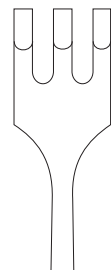
12-040-004



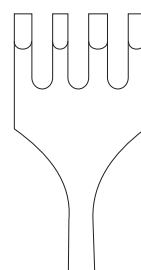
12-040-005



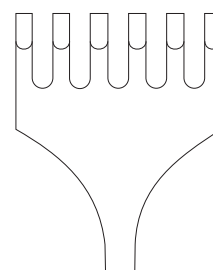
12-041-002



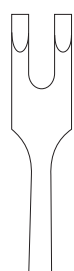
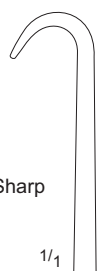
12-041-003



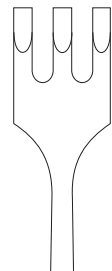
12-041-004



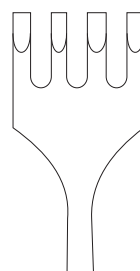
12-041-005



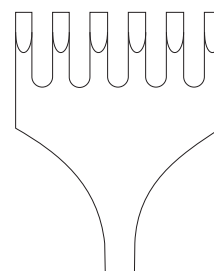
12-042-002



12-042-003



12-042-004



12-042-005



1/2

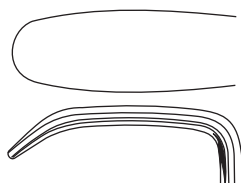
KOCHER  
22 cm / 8 3/4"



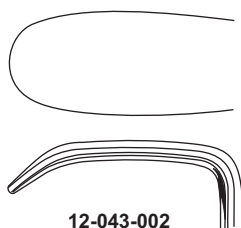
Retractors



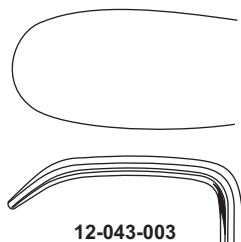
LANGENBECK  
21 cm / 8 1/4"



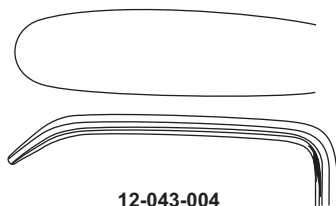
**12-043-001**  
30 x 11 mm



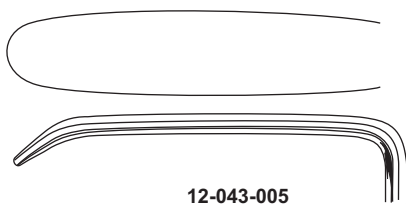
**12-043-002**  
30 x 14 mm



**12-043-003**  
30 x 16 mm

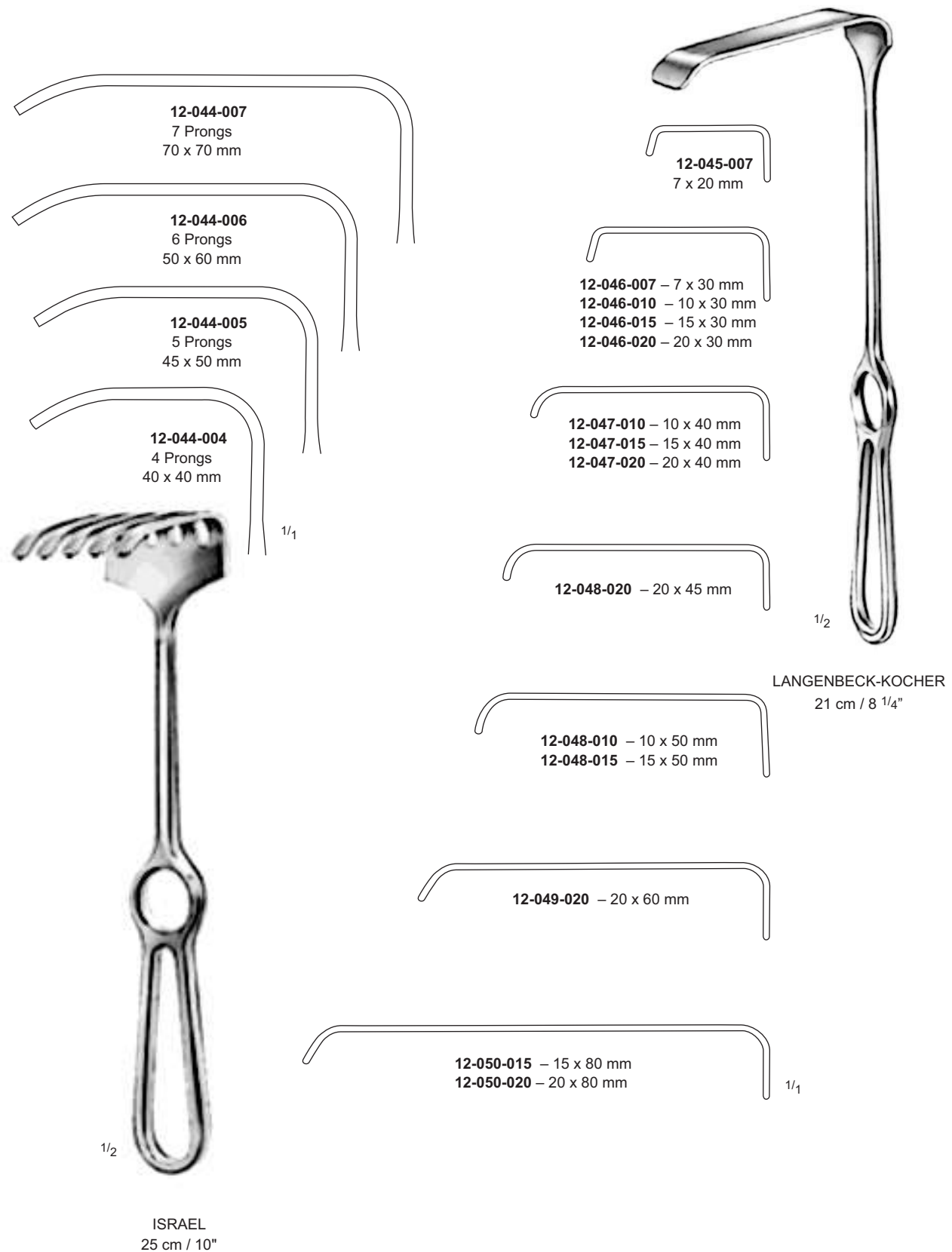


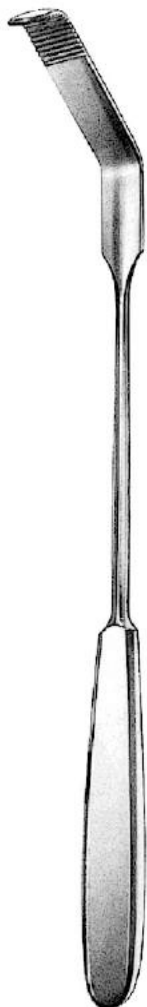
**12-043-004**  
40 x 11 mm



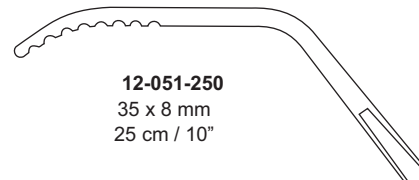
**12-043-005**  
50 x 11 mm

## Retractors

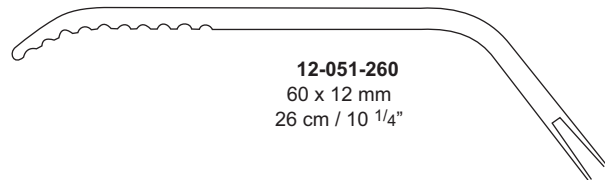




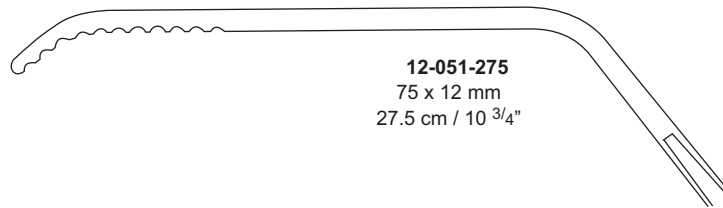
ZENKER



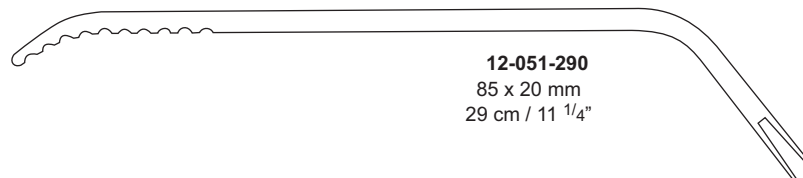
**12-051-250**  
35 x 8 mm  
25 cm / 10"



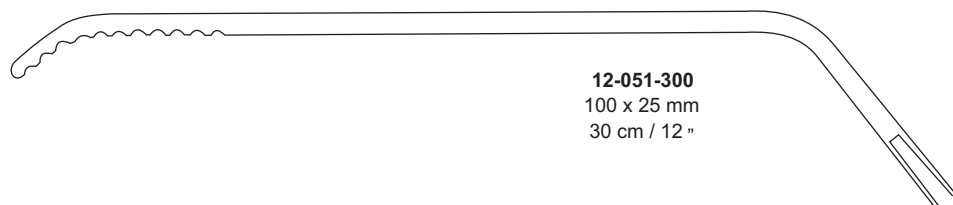
**12-051-260**  
60 x 12 mm  
26 cm / 10 1/4"



**12-051-275**  
75 x 12 mm  
27.5 cm / 10 3/4"

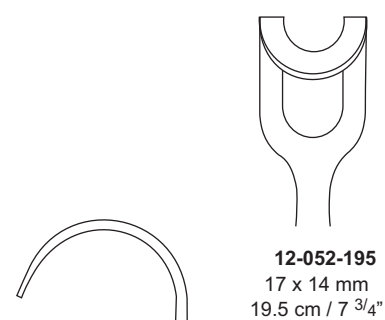


**12-051-290**  
85 x 20 mm  
29 cm / 11 1/4"

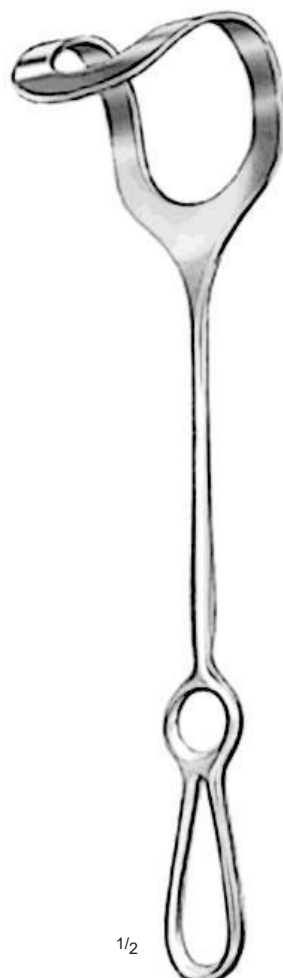
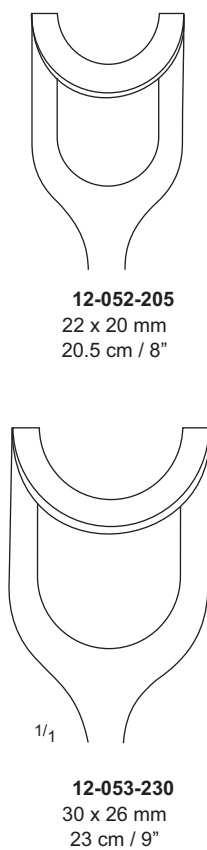


**12-051-300**  
100 x 25 mm  
30 cm / 12"

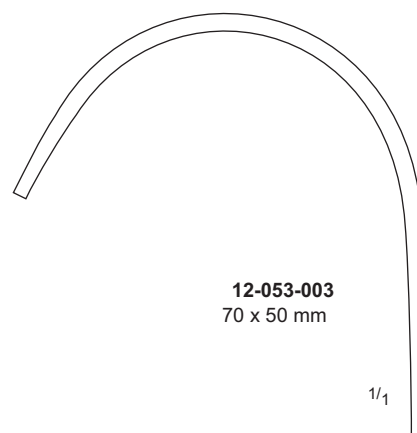
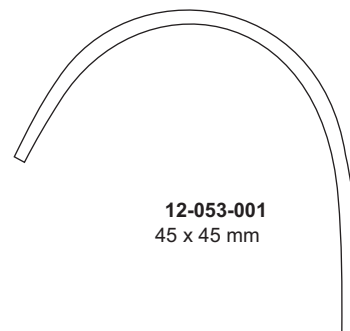
## Retractors



MIDDELDORPF



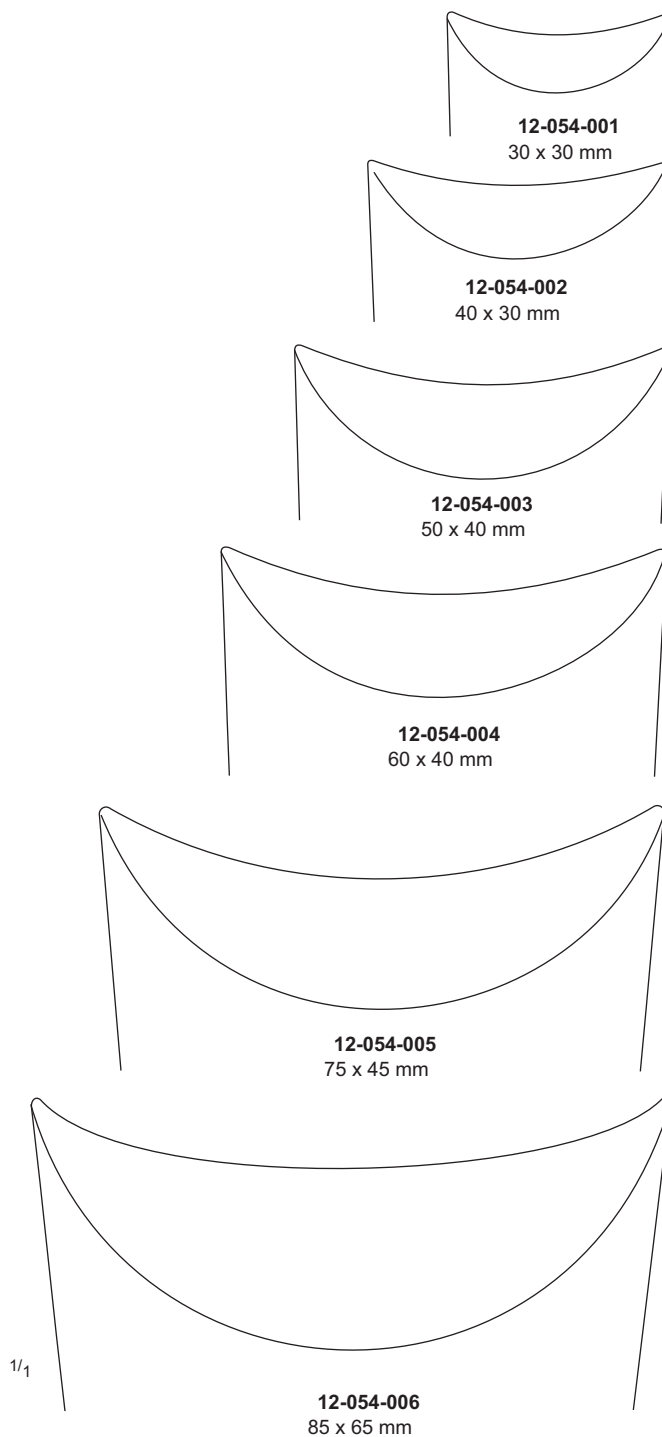
MIDDELDROPF  
27.5 cm / 10 3/4"

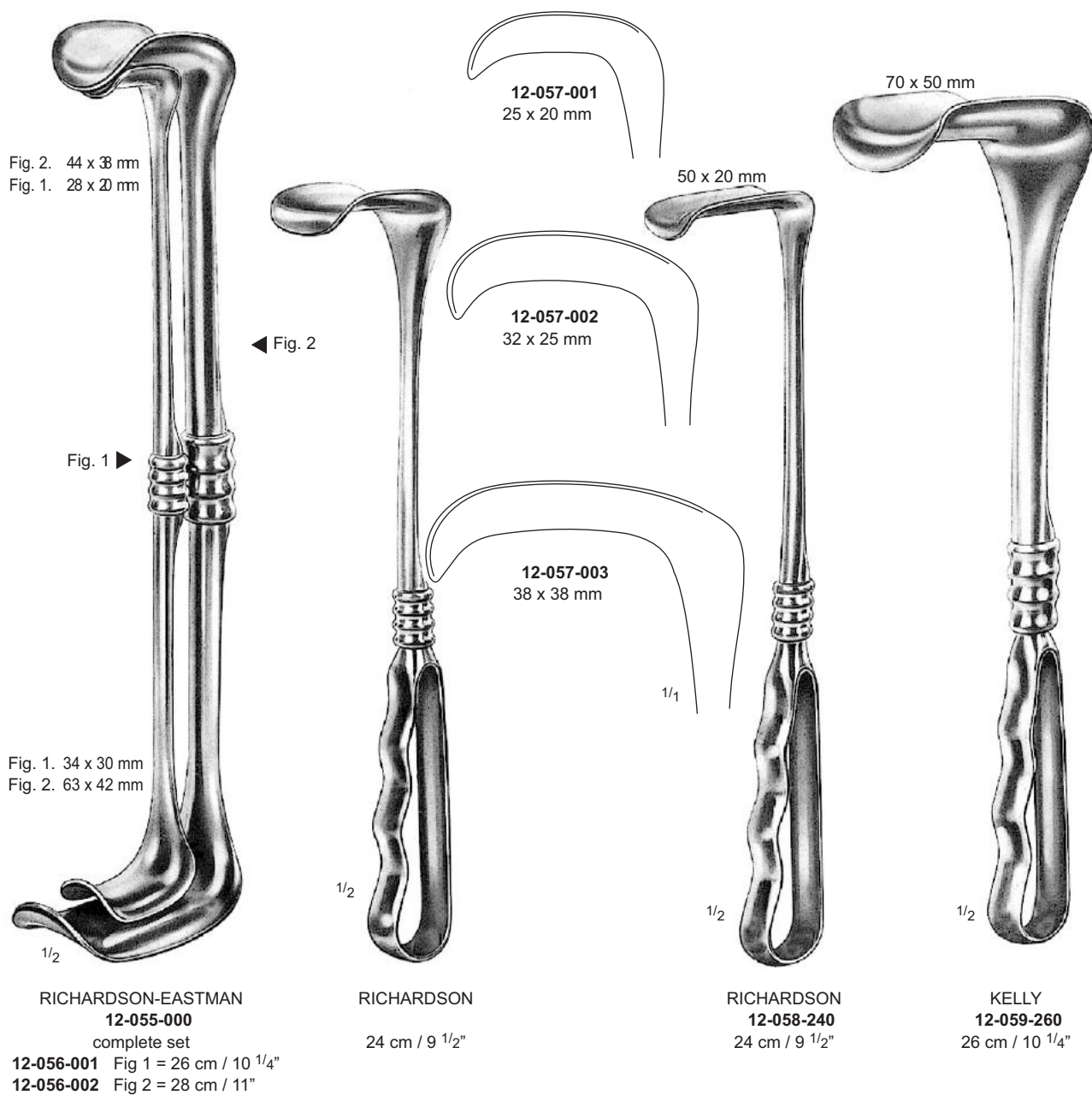


Retractors

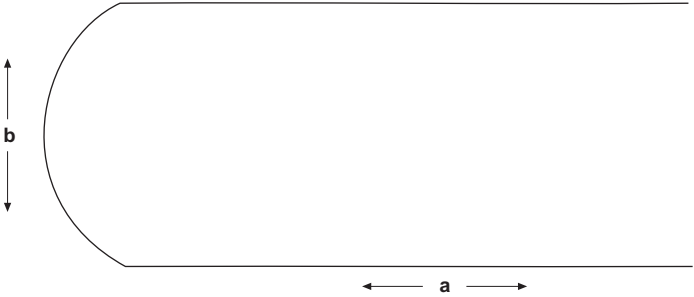


FRITSCH  
23 cm / 9"





Retractors



50 x 85 mm

1/2

DOYEN  
12-060-240  
24 cm / 9 1/2"

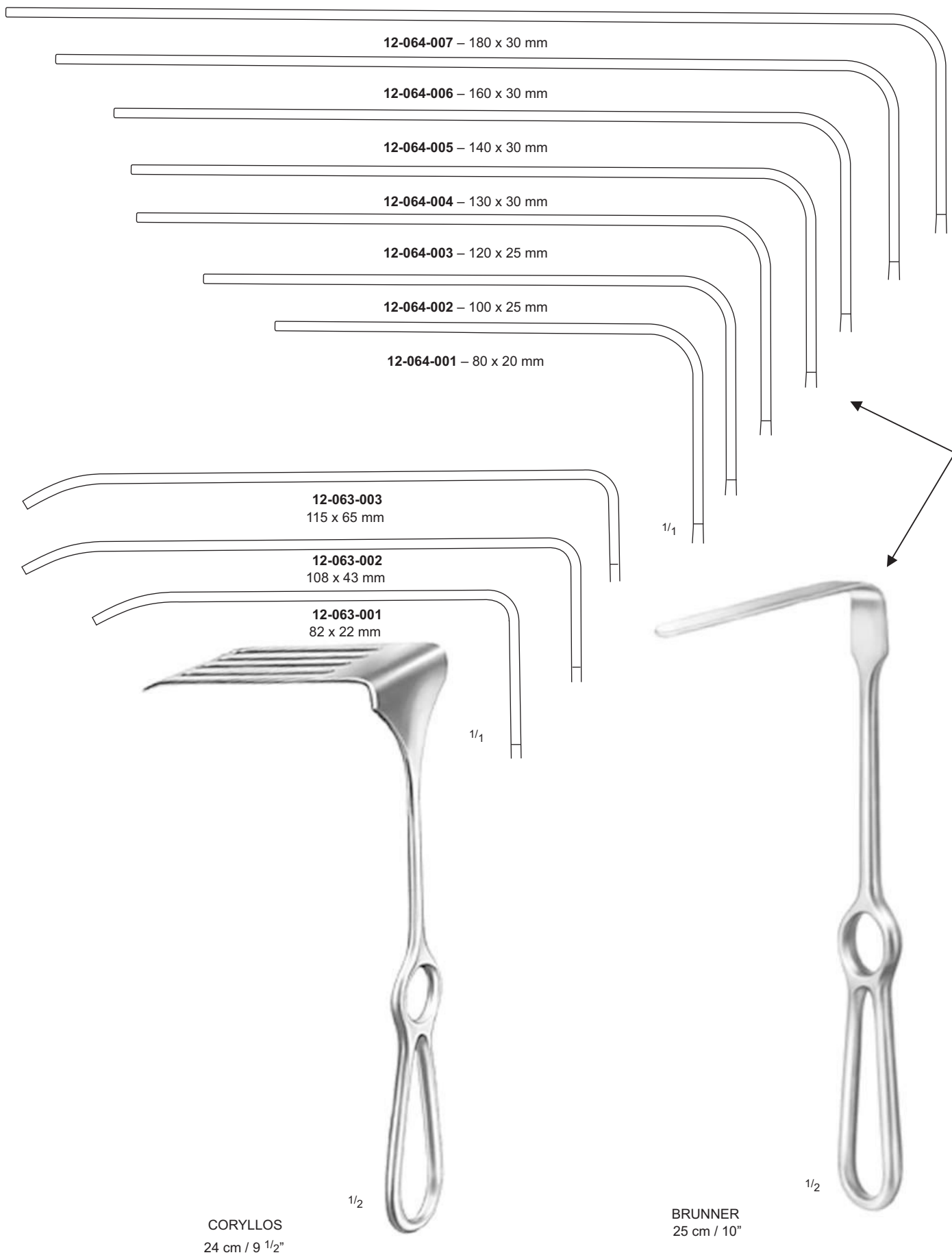


1/2

DOYEN  
24 cm / 9 1/2"

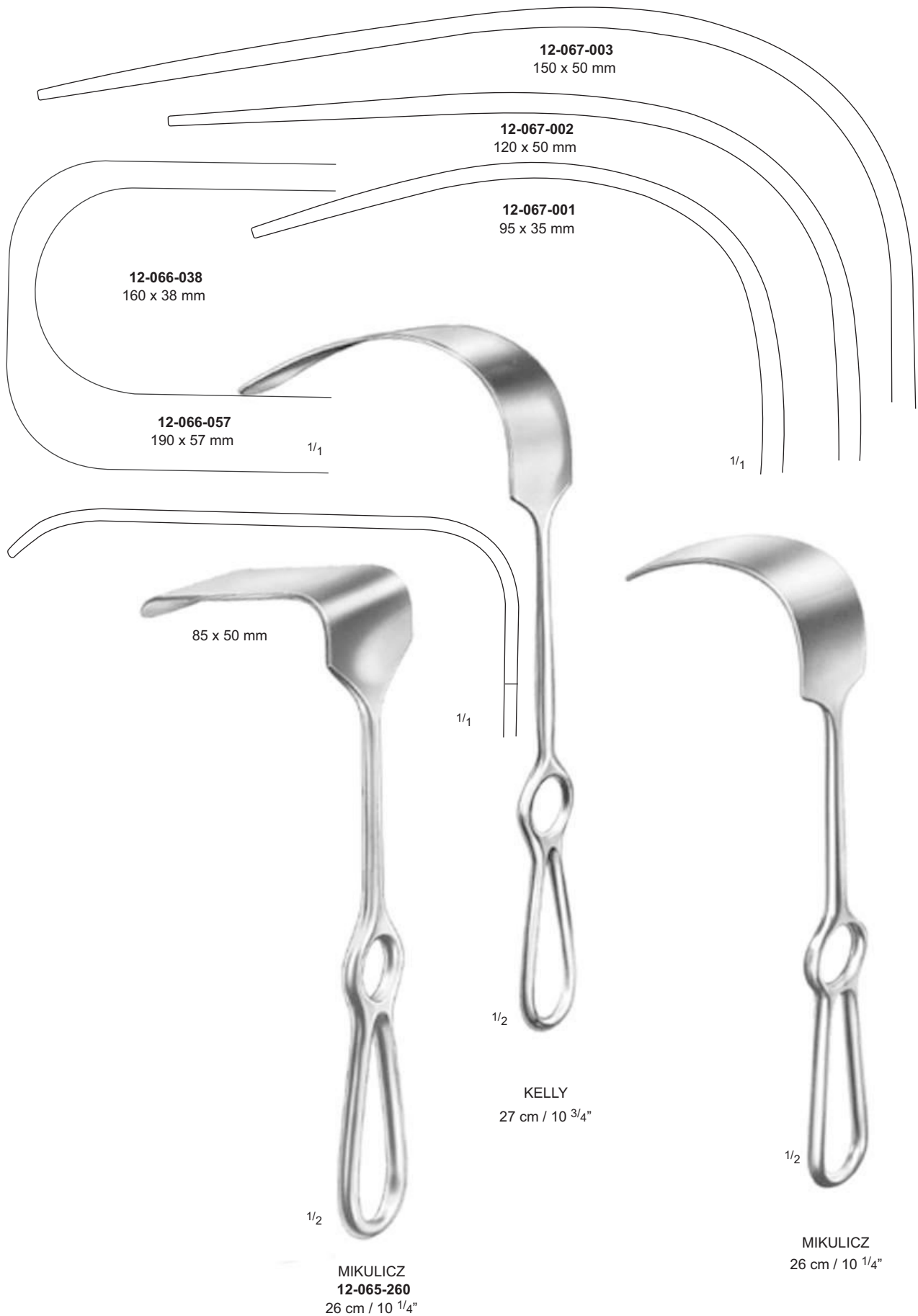
| a<br>mm | b<br>mm | Slightly<br>Concave | Medium<br>Hollow |
|---------|---------|---------------------|------------------|
| 55      | 35      | 12-061-001          | 12-062-001       |
| 85      | 35      | 12-061-002          | 12-062-002       |
| 115     | 35      | 12-061-003          | 12-062-003       |
| 55      | 45      | 12-061-004          | 12-062-004       |
| 85      | 45      | 12-061-005          | 12-062-005       |
| 115     | 45      | 12-061-006          | 12-062-006       |
| 160     | 45      | 12-061-007          | 12-062-007       |
| 55      | 60      | 12-061-008          | 12-062-008       |
| 85      | 60      | 12-061-009          | 12-062-009       |
| 115     | 60      | 12-061-010          | 12-062-010       |
| 160     | 60      | 12-061-011          | 12-062-011       |

## Retractors

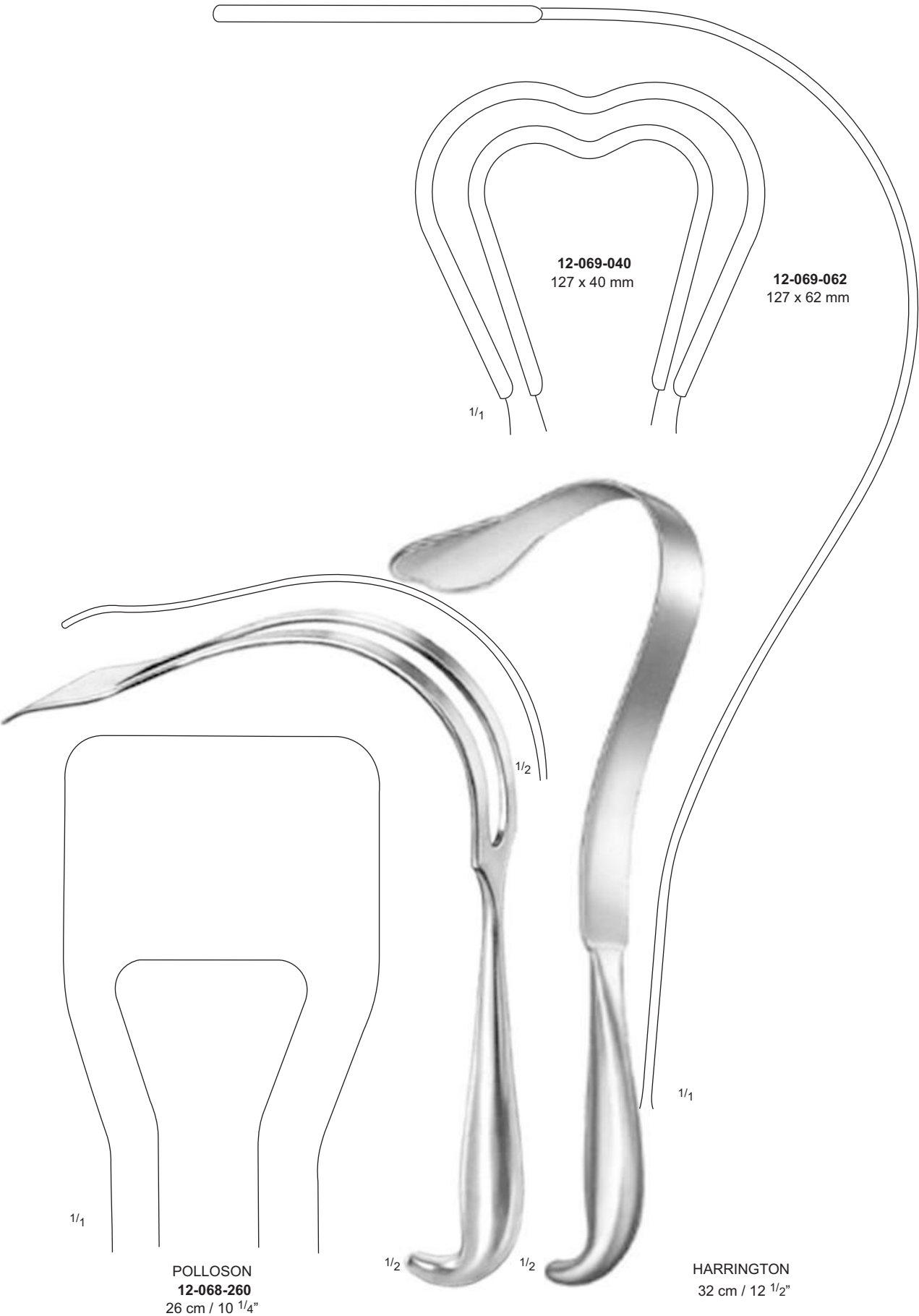




Splanchnic Retractors



Splanchnic Retractors



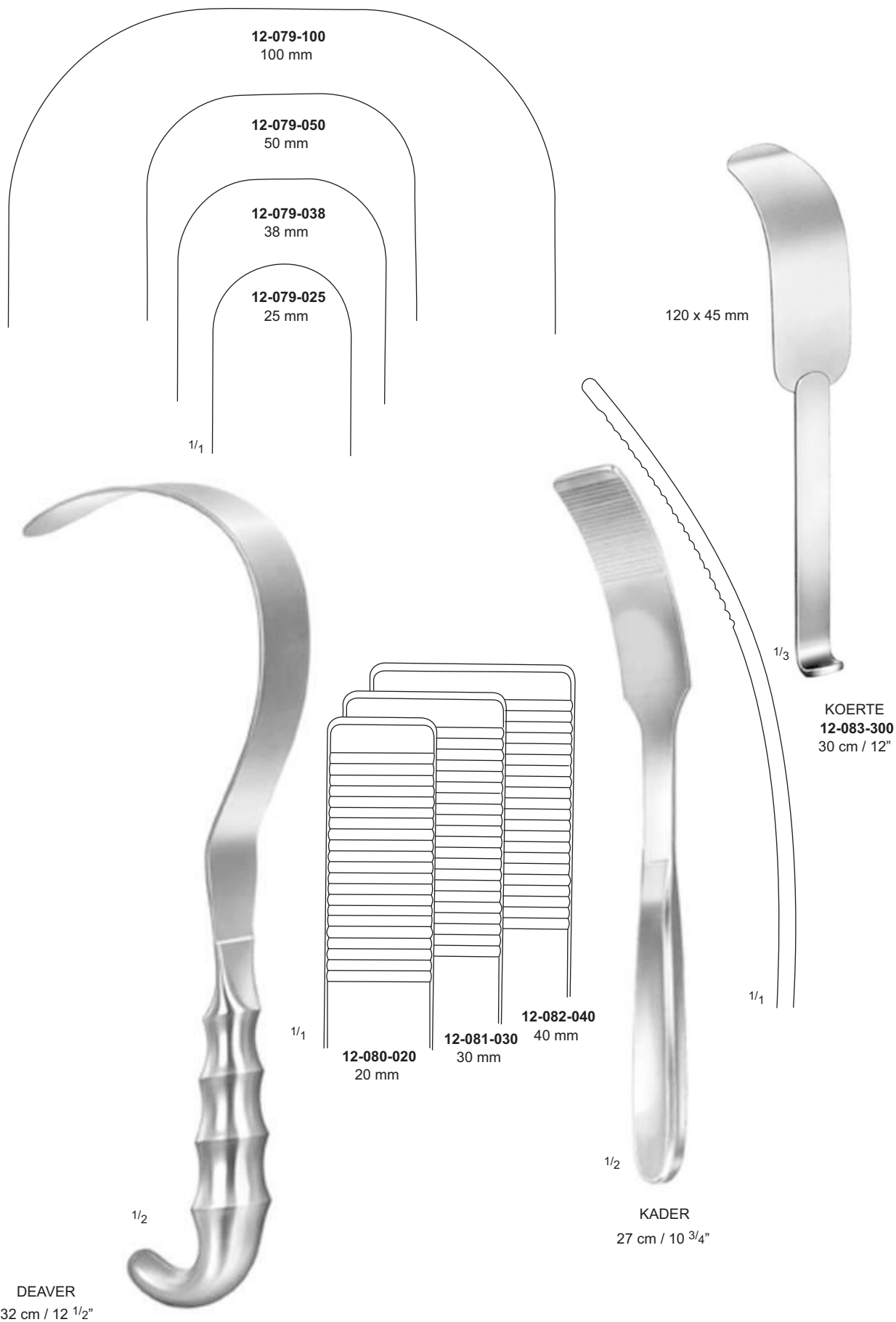
Deaver Retractors



Deaver Retractors



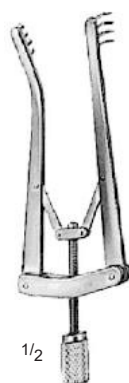
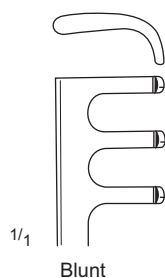
Abdominal Retractors, Spatula



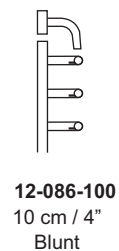
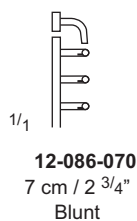
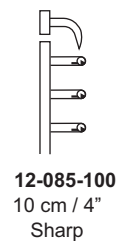
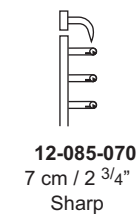
**Self-retaining Retractors**



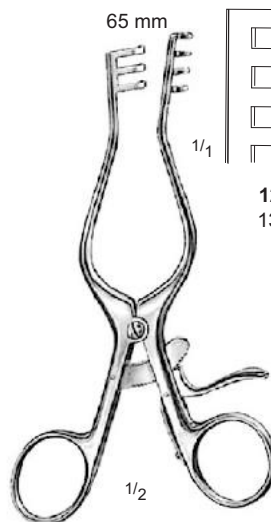
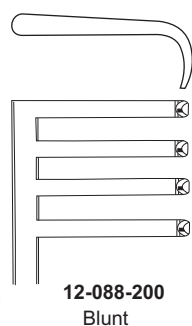
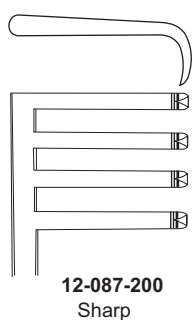
**JANSEN**  
**12-084-100**  
 10 cm / 4"  
 3 x 3 teeth



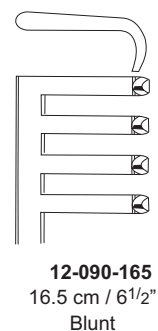
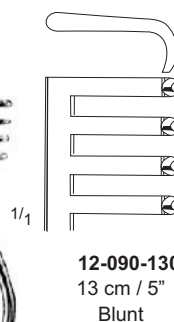
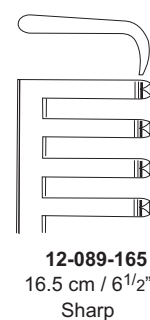
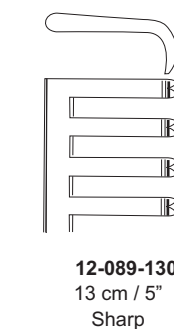
**ALM**  
 4 X 4 teeth



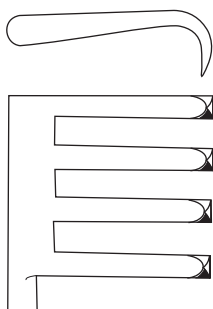
**WEITLANER**  
 20 cm / 8"  
 3 x 4 teeth



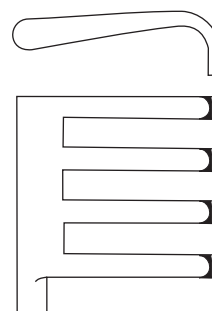
**WEITLANER**  
 3 x 4 teeth



Self-retaining Retractors



**12-091-265**  
Sharp  
3 x 4 teeth

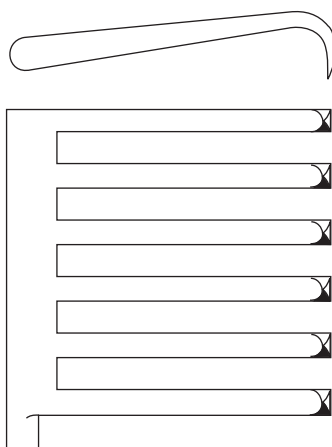


**12-092-265**  
Blunt  
3 x 4 teeth

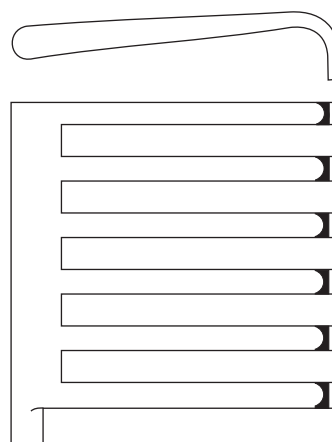


ADSON  
26.5 cm / 10 1/2"

1/1



**12-093-265**  
Sharp  
6 x 6 teeth



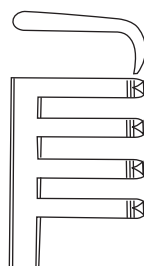
**12-094-0265**  
Blunt  
6 x 6 teeth

1/2

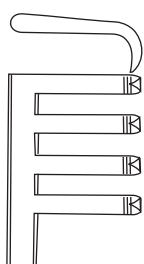
## Self-retaining Retractors



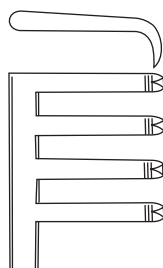
ADSON  
3 x 4 teeth



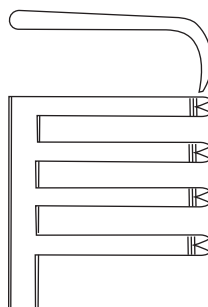
**12-095-130**  
13 cm / 5"



**12-095-160**  
16 cm / 6 1/4"

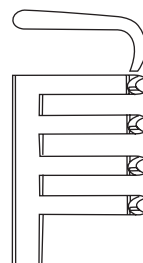


**12-095-200**  
20 cm / 8"

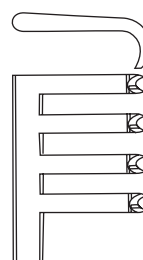


**12-095-260**  
26 cm / 10 1/4"

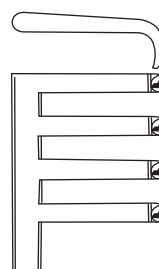
Sharp



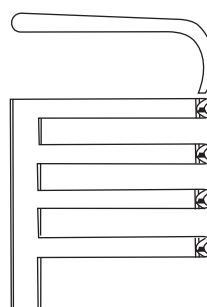
**12-096-130**  
13 cm / 5"



**12-096-160**  
16 cm / 6 1/4"



**12-096-200**  
20 cm / 8"

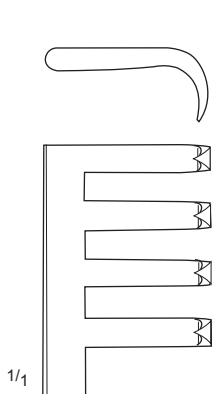


**12-096-260**  
26 cm / 10 1/4"

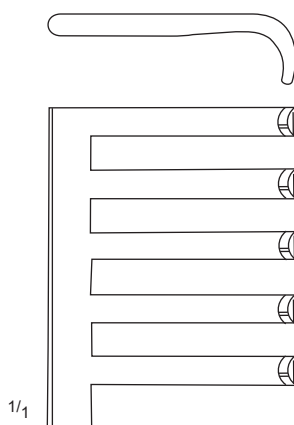
Blunt



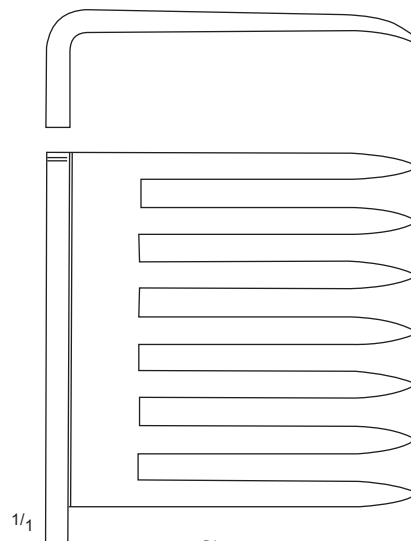
Self-retaining Retractors



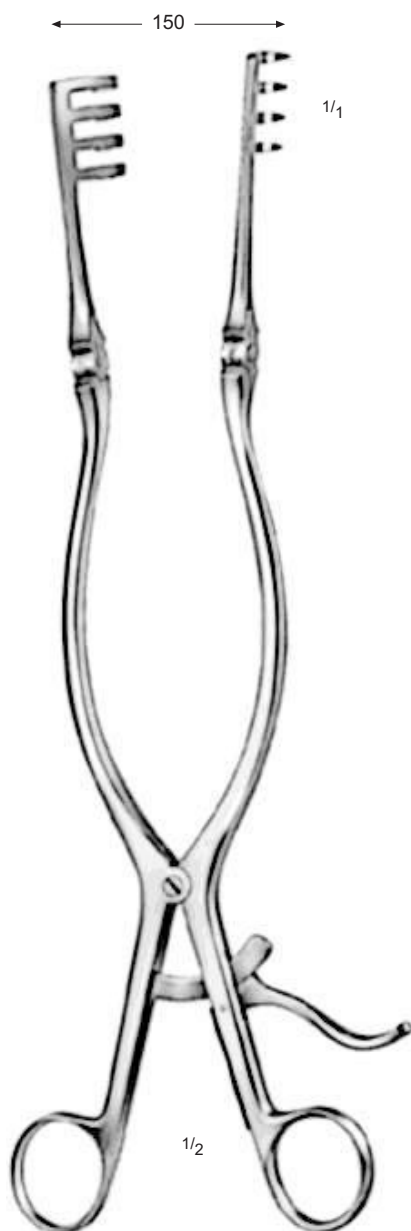
Sharp



Blunt



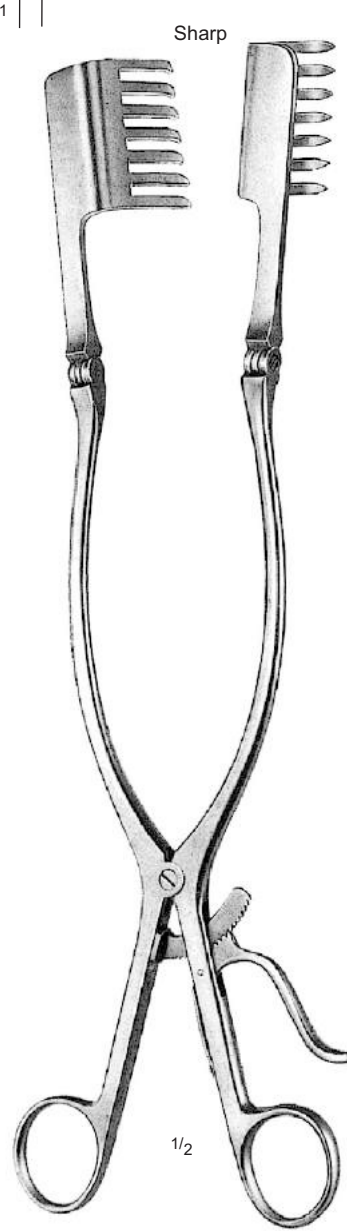
Sharp



**BECKMANN**  
**12-097-310**  
31 cm / 12 1/4"  
4 x 4 teeth



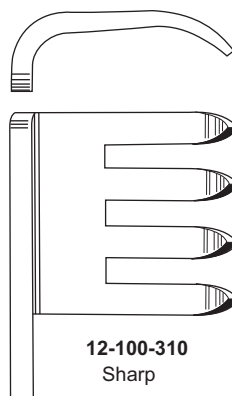
**ADSON**  
**12-098-320**  
32 cm / 12 1/2"  
4 x 5 teeth



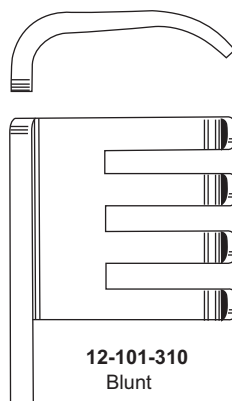
**BECKMANN-EATON**  
**12-099-320**  
32 cm / 12 1/2"  
7 x 7 teeth



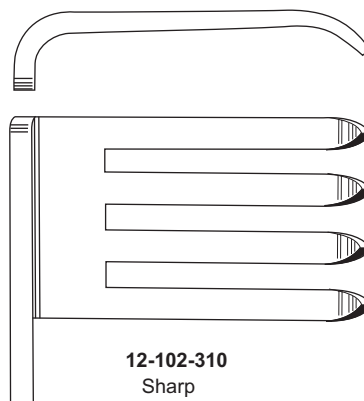
BECKMANN-ADSON  
31 cm / 12 1/4"  
4 x 4 teeth



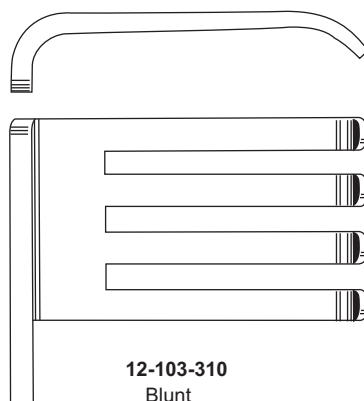
12-100-310  
Sharp



12-101-310  
Blunt

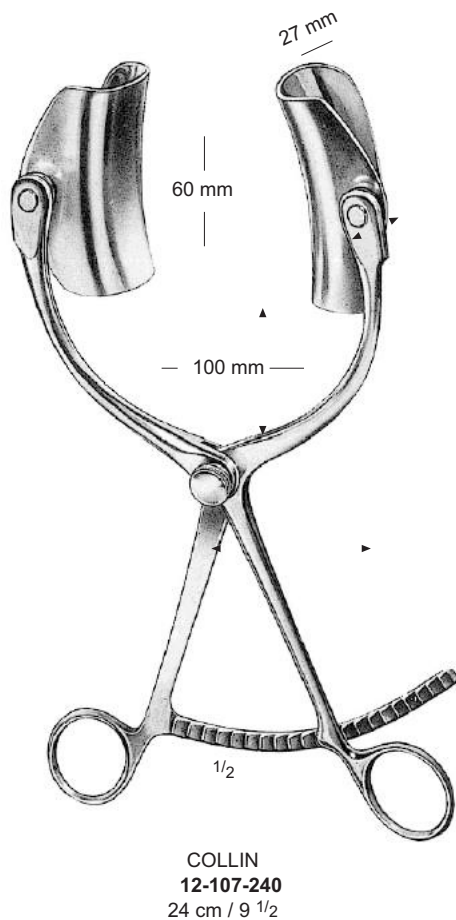
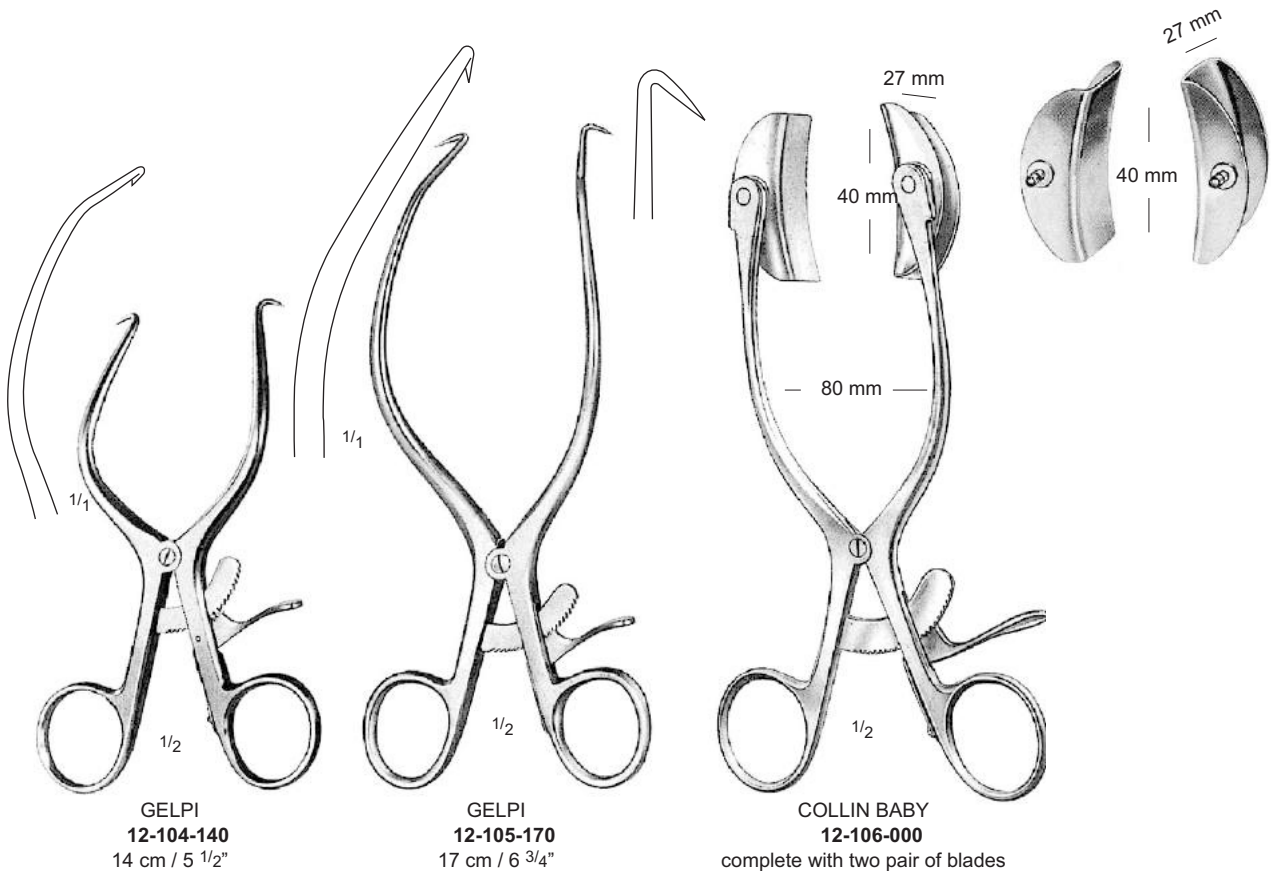


12-102-310  
Sharp

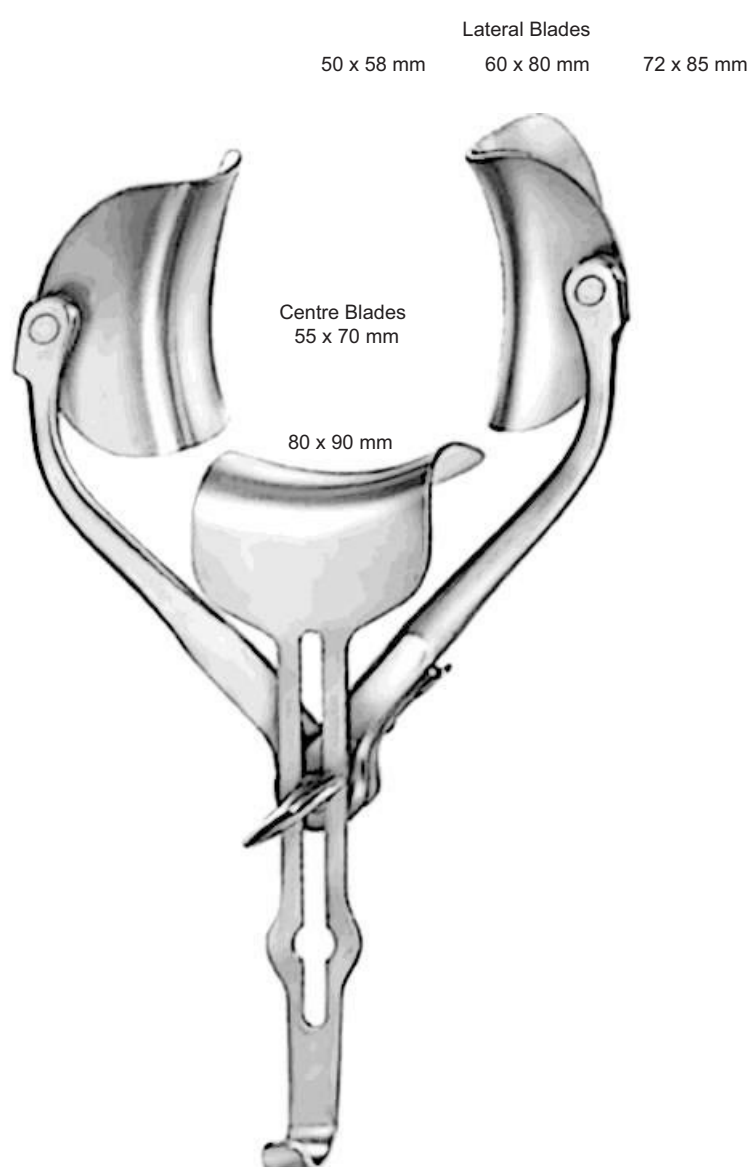


12-103-310  
Blunt

Abdominal Retractors

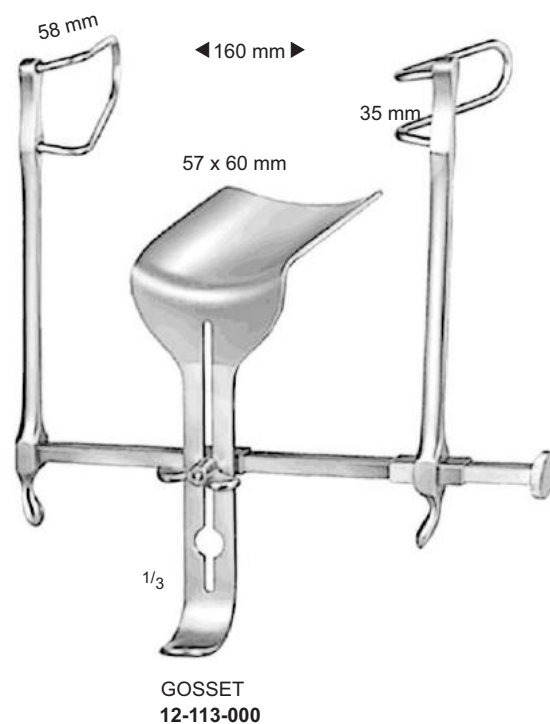
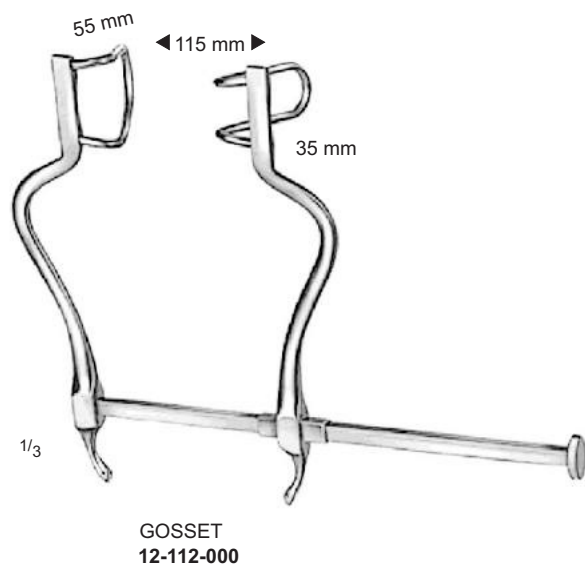
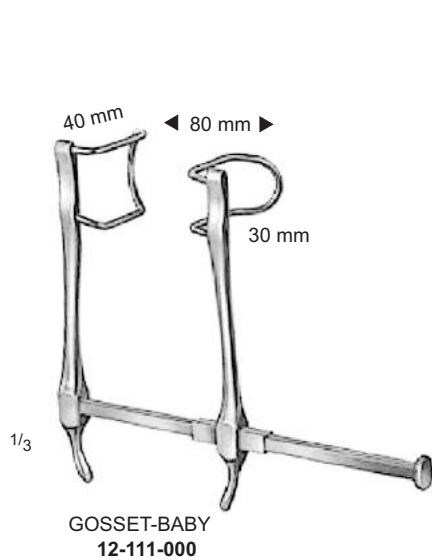


## Abdominal Retractors

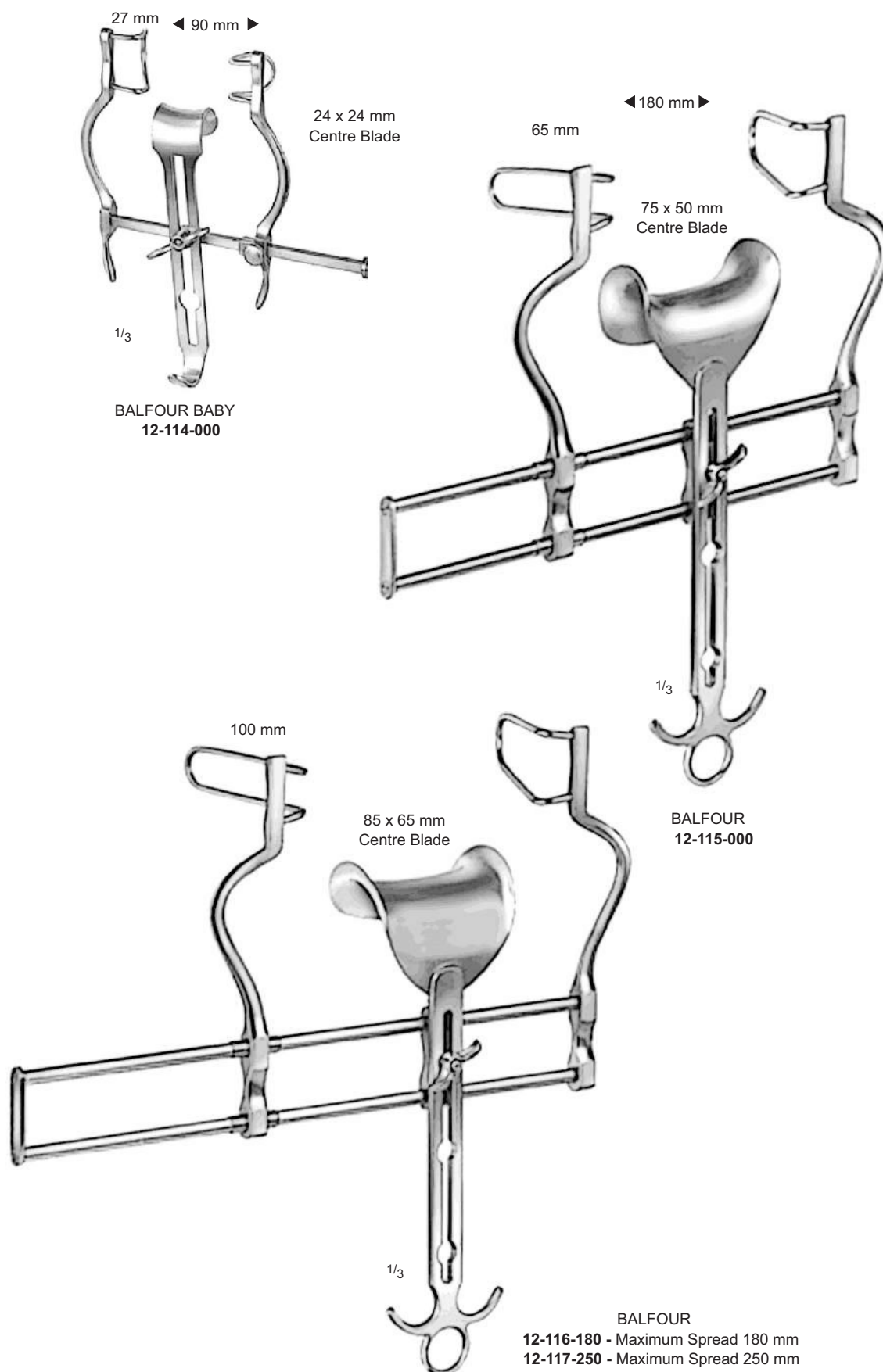


RICARD  
12-109-280 –28 cm / 11"  
12-110-300 –30 cm / 12"  
complete

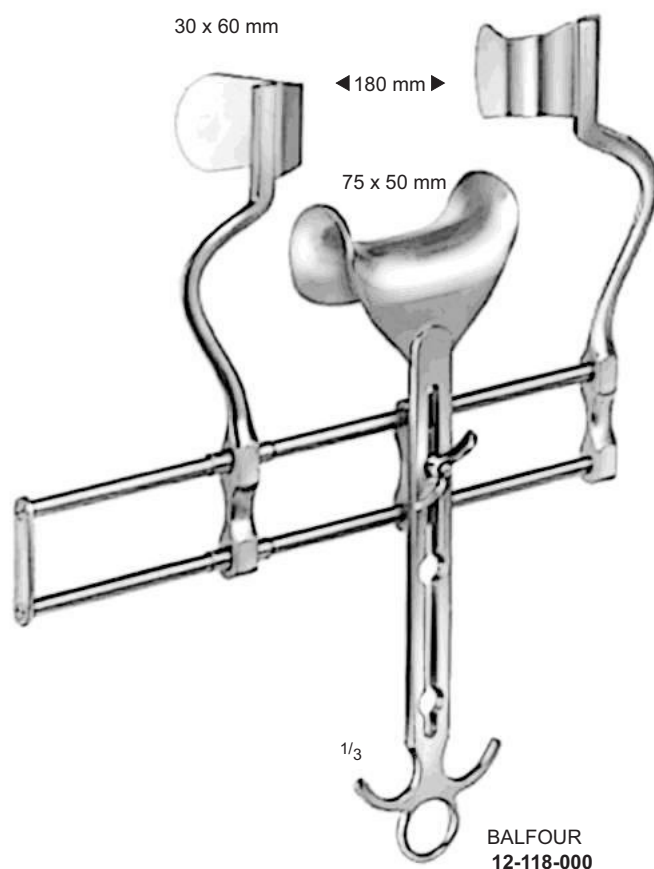
Abdominal Retractors



## Abdominal Retractors



Abdominal Retractors



BALFOUR  
12-119-038 63 x 38 mm  
12-119-050 75 x 50 mm



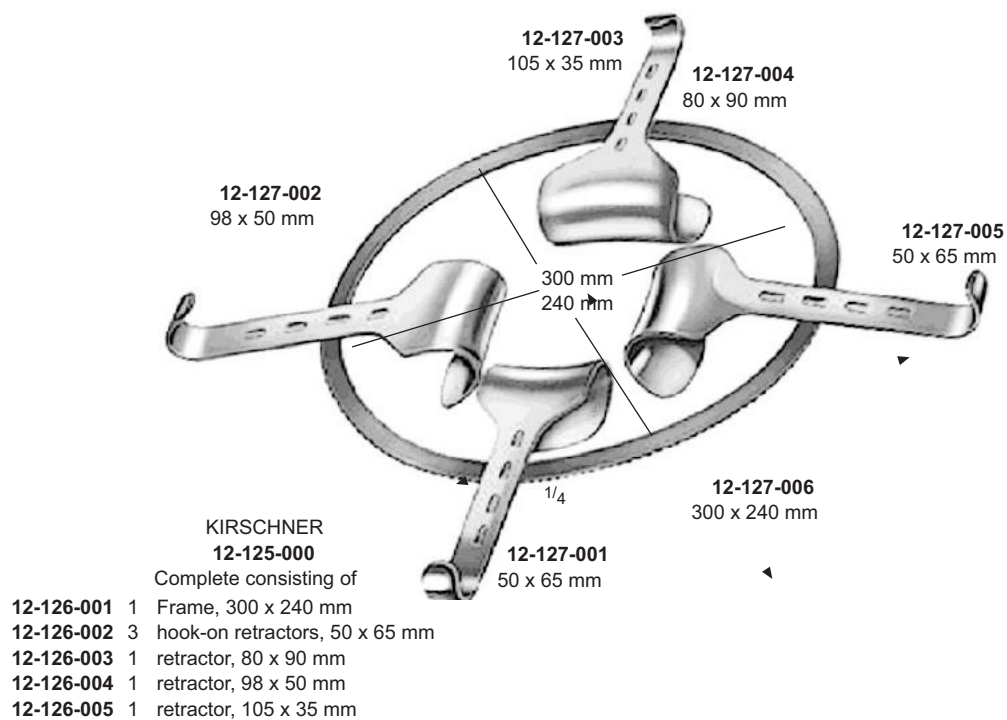
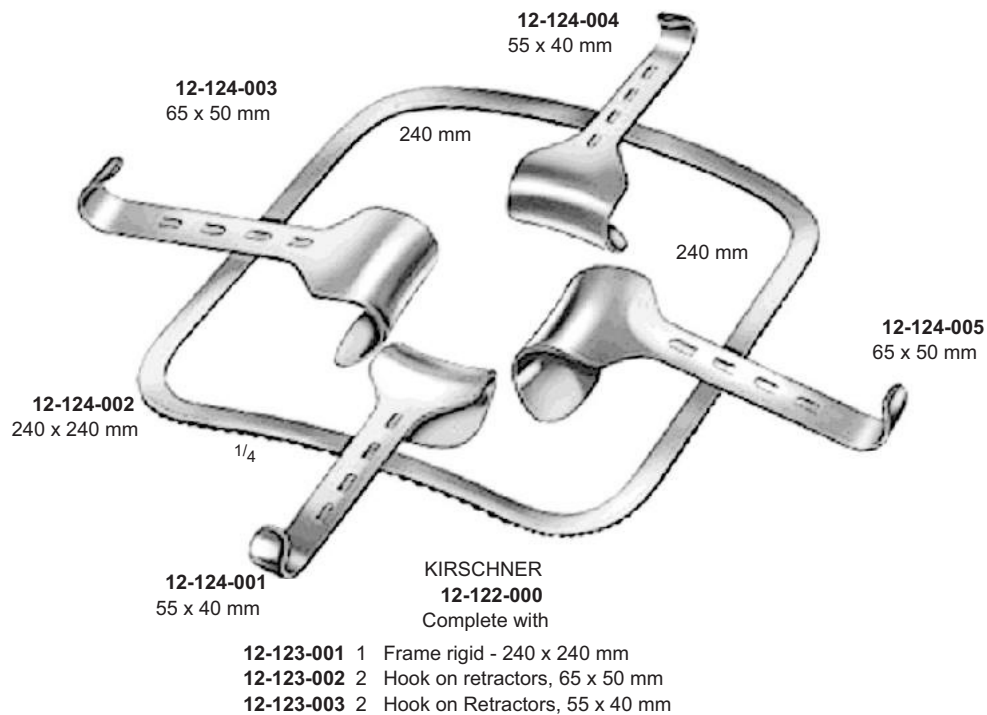
12-120-065 85 x 65 mm  
12-120-080 80 x 80 mm



DOYEN  
12-121-095 – 95 x 60 mm  
12-121-105 – 105 x 65 mm  
12-121-115 – 115 x 65 mm  
12-121-125 – 125 x 65 mm

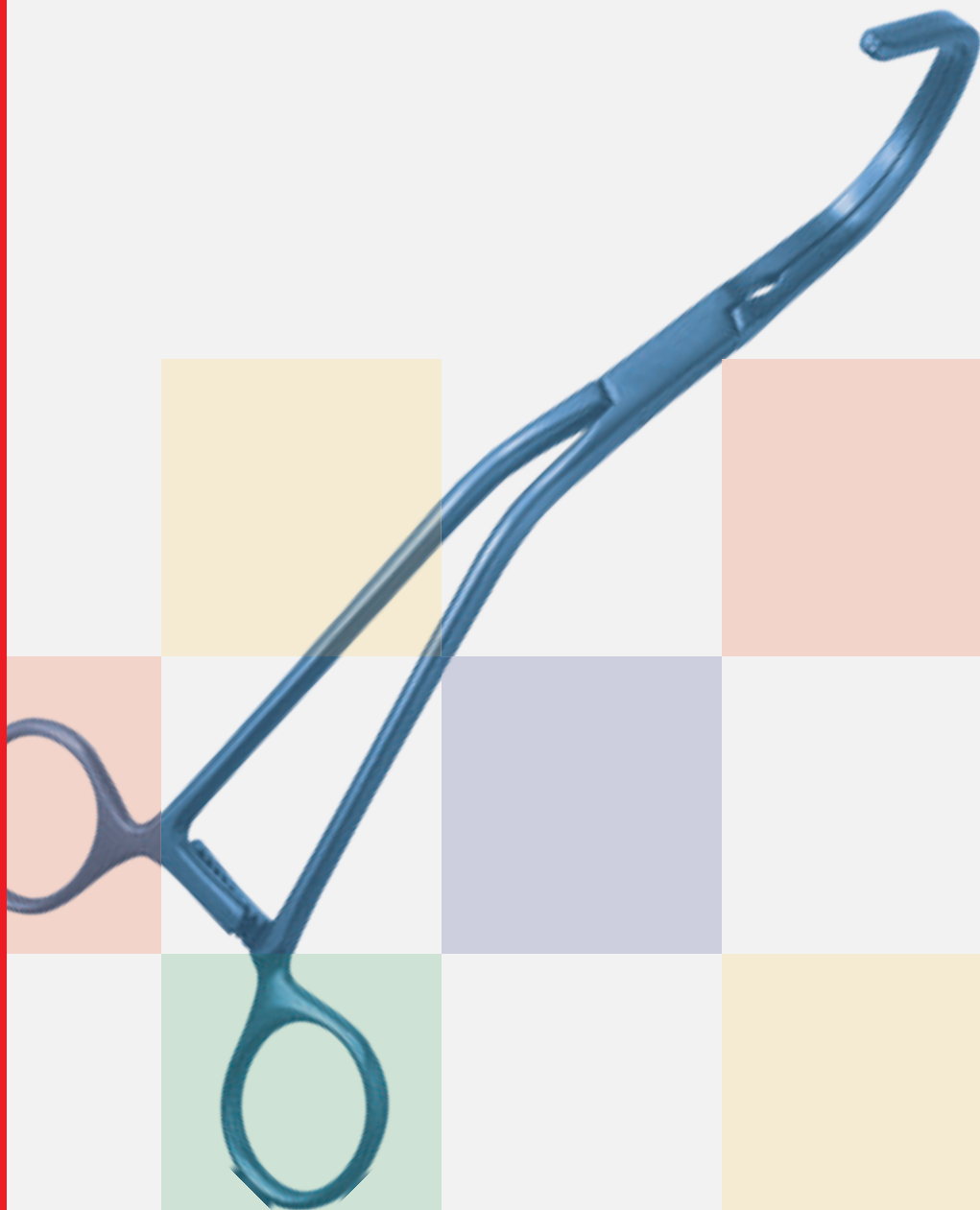


## Abdominal Retractors



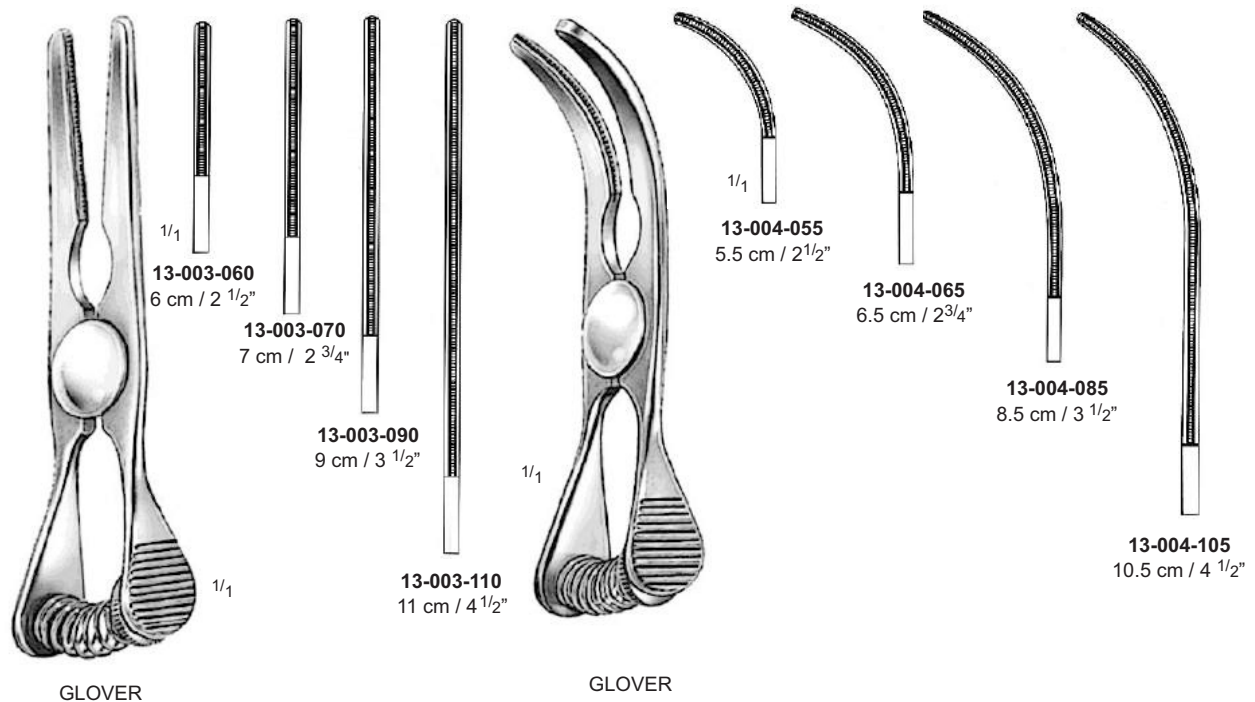
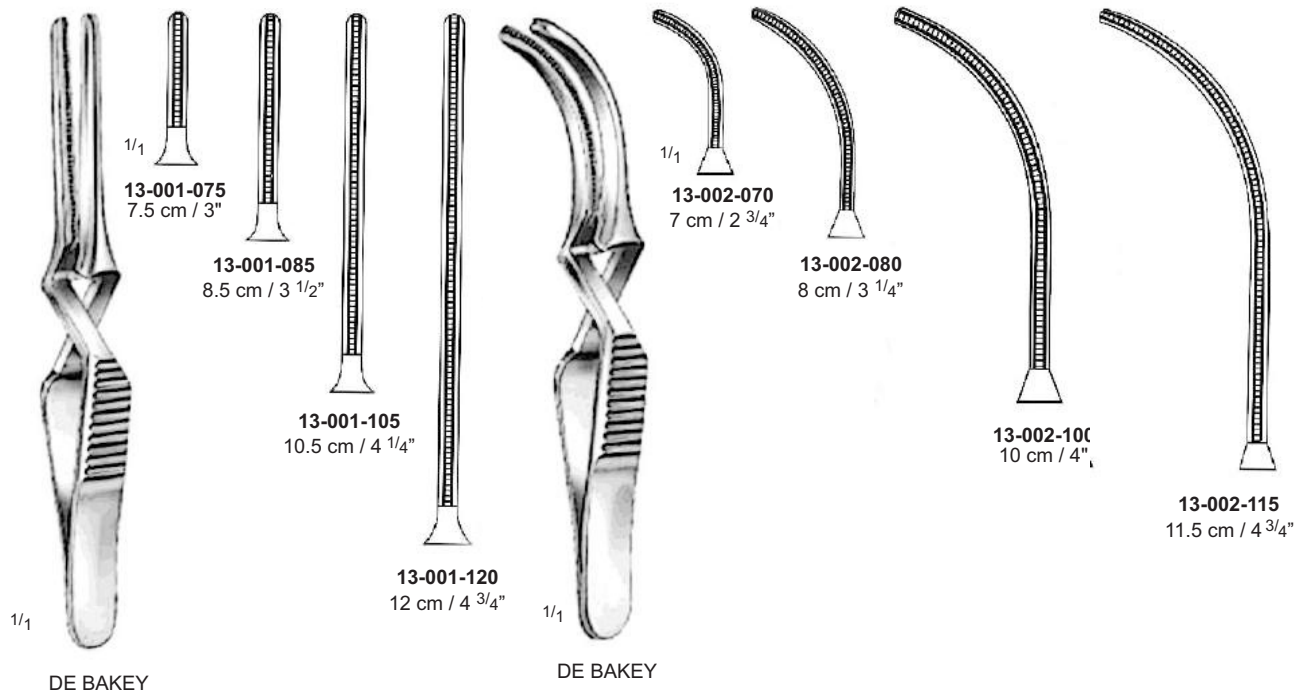


# Cardiovascular

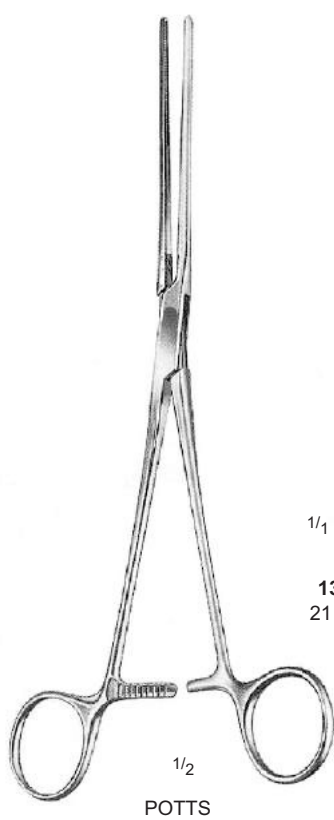


13

## Atraumatic Bulldog Clamps



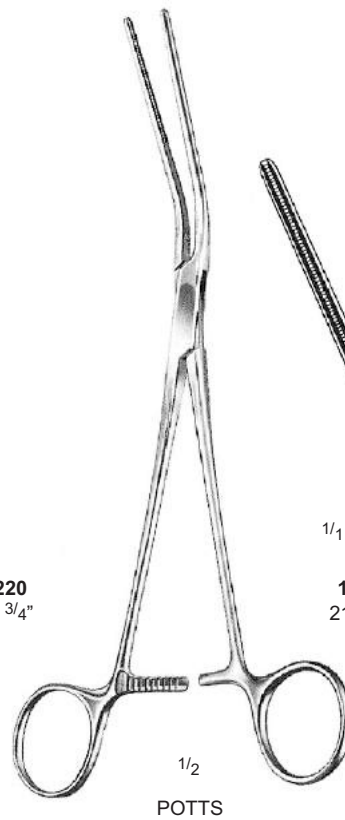
Atraumatic Cardiovascular Forceps



1/1  
**13-005-210**  
21 cm / 8 1/4"



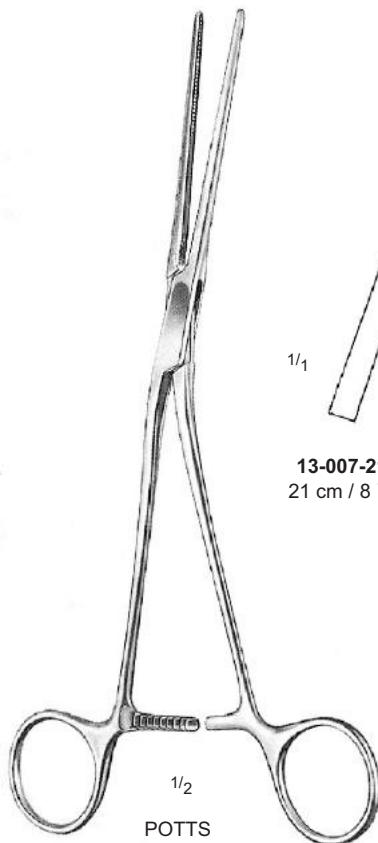
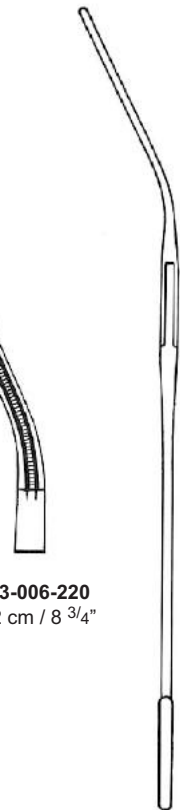
**13-005-220**  
22 cm / 8 3/4"



1/1  
**13-006-210**  
21 cm / 8 1/4"



**13-006-220**  
22 cm / 8 3/4"



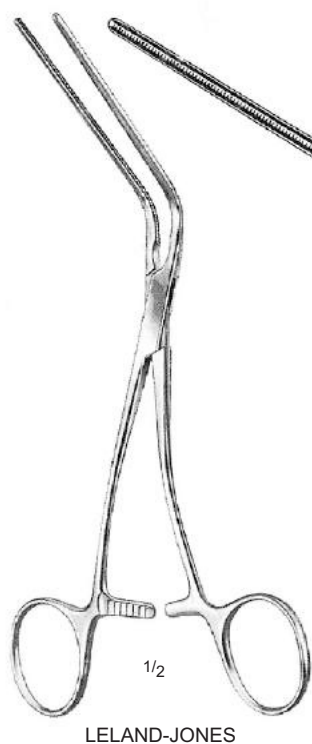
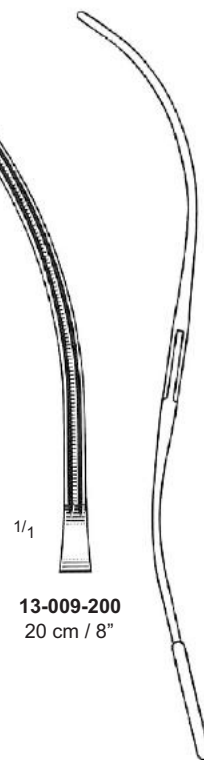
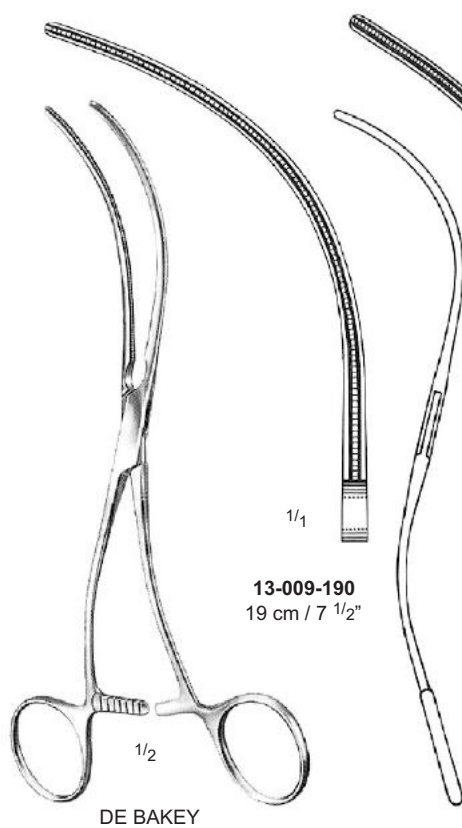
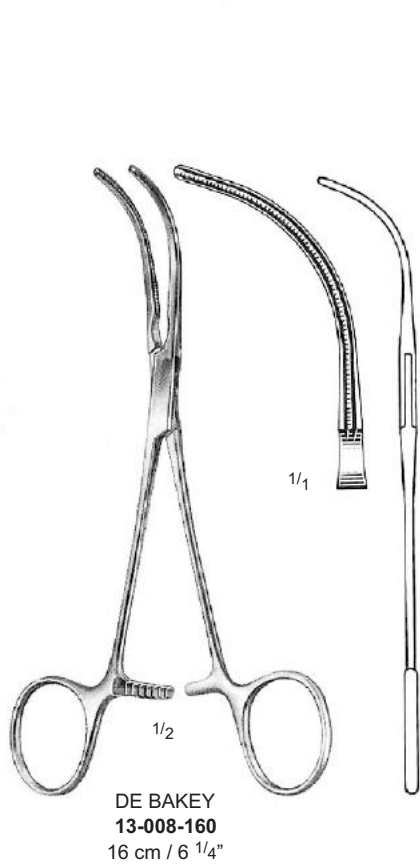
1/1  
**13-007-210**  
21 cm / 8 1/4"



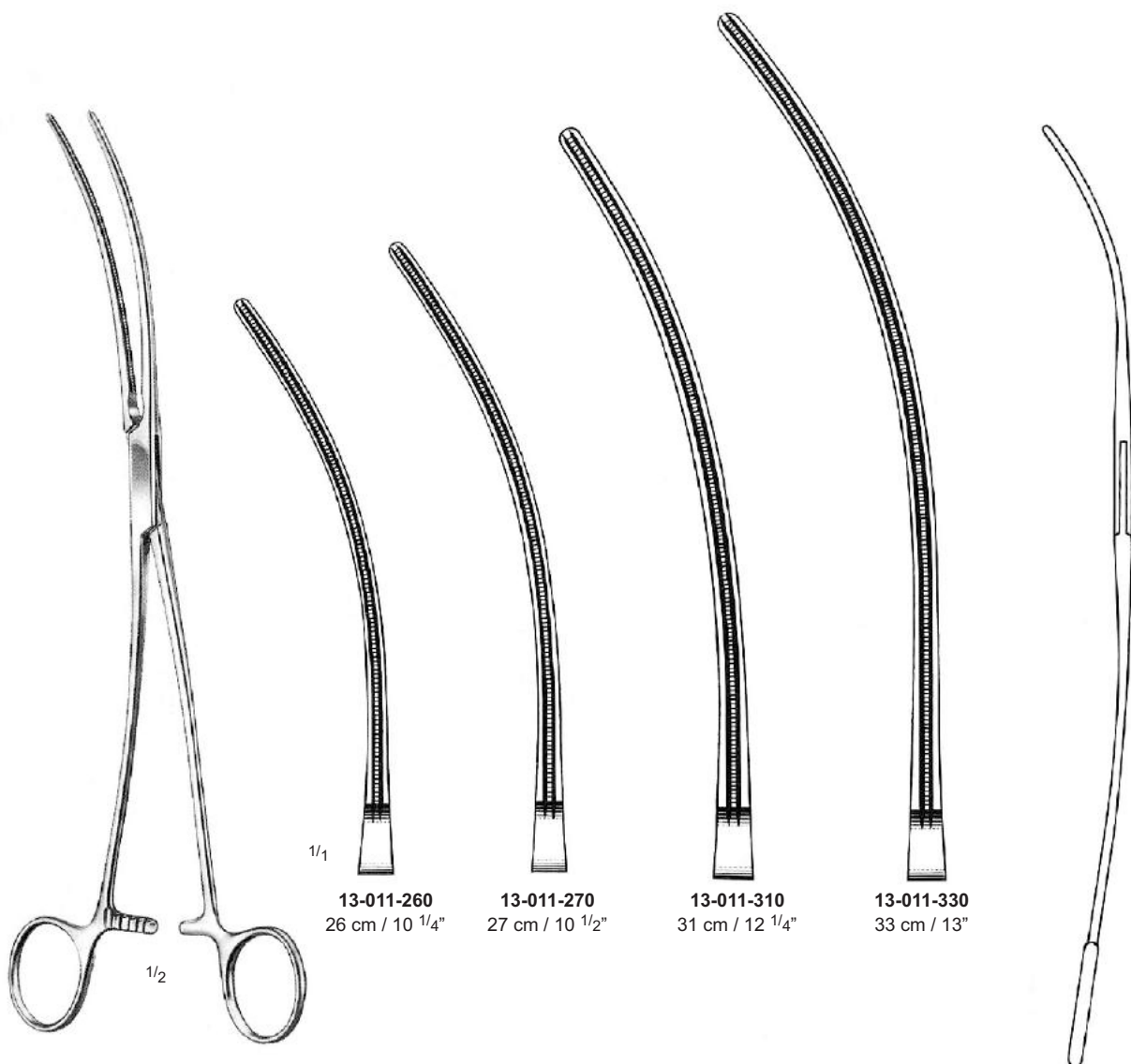
**13-007-220**  
22 cm / 8 3/4"



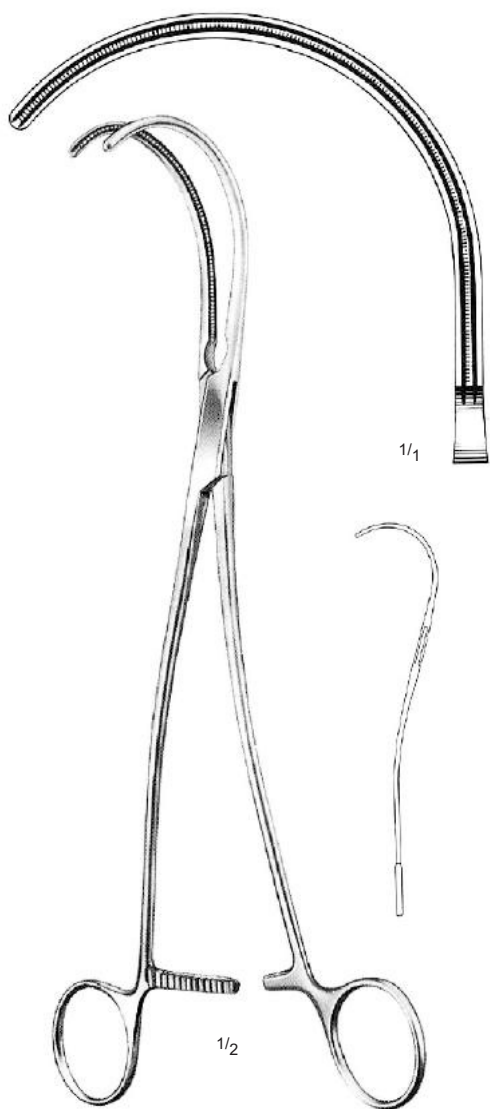
Atraumatic Cardiovascular Forceps



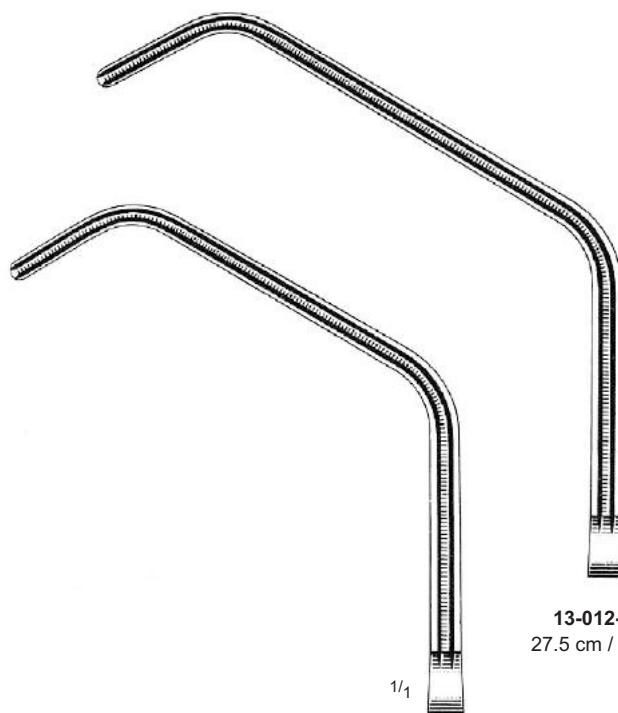
Atraumatic Cardiovascular Forceps



Atraumatic Cardiovascular Forceps



DE BAKEY  
13-012-260  
26 cm / 10 1/4"

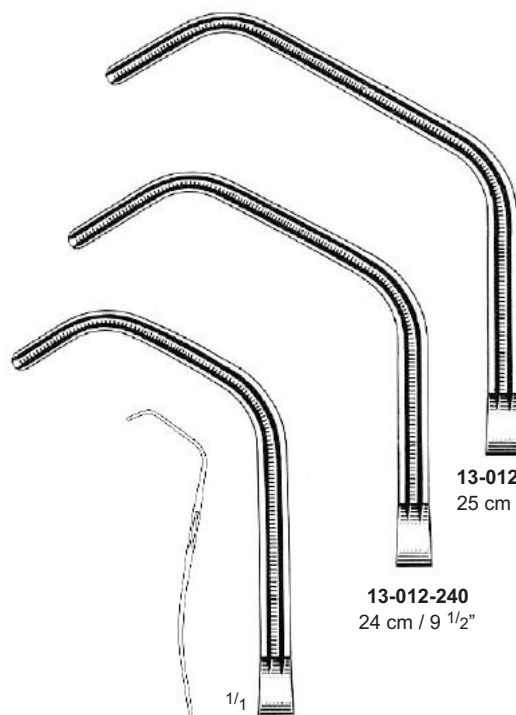


13-012-265  
26.5 cm / 10 1/2"

13-012-275  
27.5 cm / 10 3/4"



SATINSKY



13-012-240  
24 cm / 9 1/2"

13-012-250  
25 cm / 10"

13-012-205  
20.5 cm / 8 1/4"



13-013-250  
25 cm / 10"

13-013-230  
23 cm / 9"

1/1

1/2

LAMBERT-KAY  
13-014-210  
21 cm / 8 1/4"

1/2

LEES

13-015-250  
25 cm / 10"

13-015-230  
23 cm / 9"

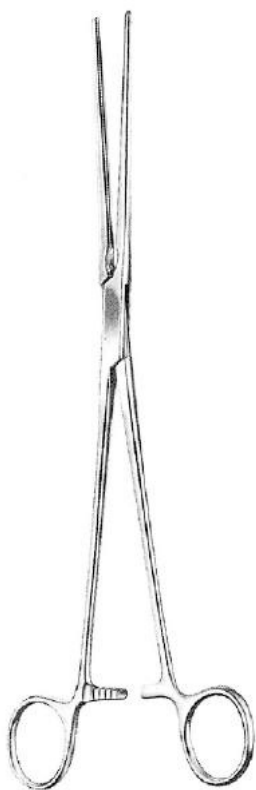
1/1

13-015-240  
24 cm / 9 1/2"

1/2

DE BAKEY

## Atraumatic Cardiovascular Forceps



1/1

**13-016-215**  
21.5 cm / 8 1/2"



**13-016-230**  
23 cm / 9"



**13-016-270**  
27 cm / 10 1/2"



**13-016-315**  
31.5 cm / 12 1/2"



1/1

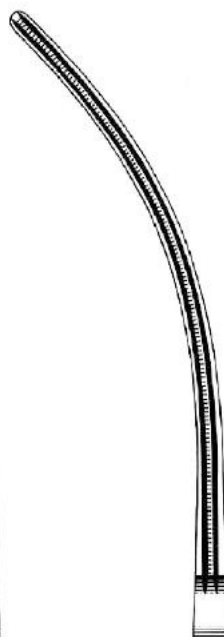
**13-017-215**  
21.5 cm / 8 1/2"



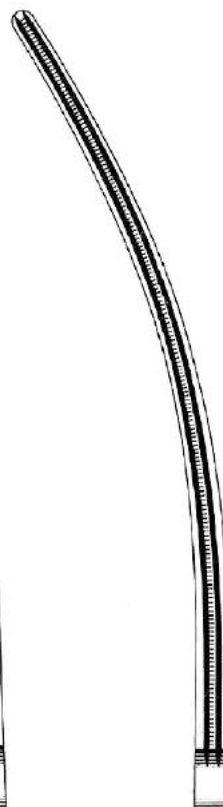
**13-017-230**  
23 cm / 9"



**13-017-270**  
27 cm / 10 1/2"



**13-017-315**  
31.5 cm / 12 1/2"

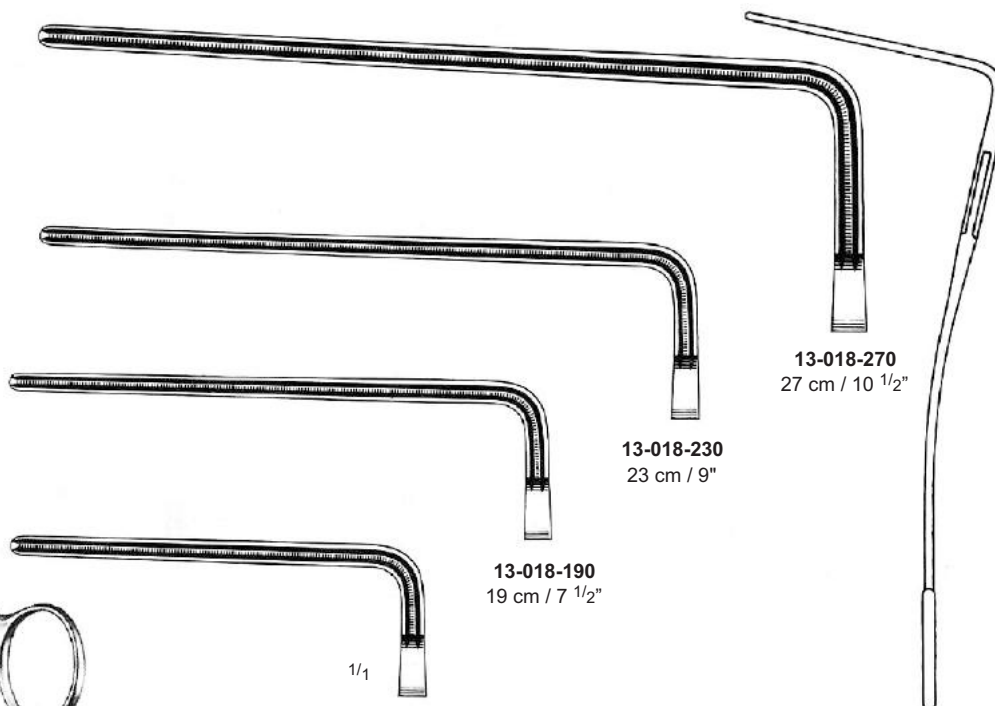




Atraumatic Cardiovascular Forceps



DE BAKEY

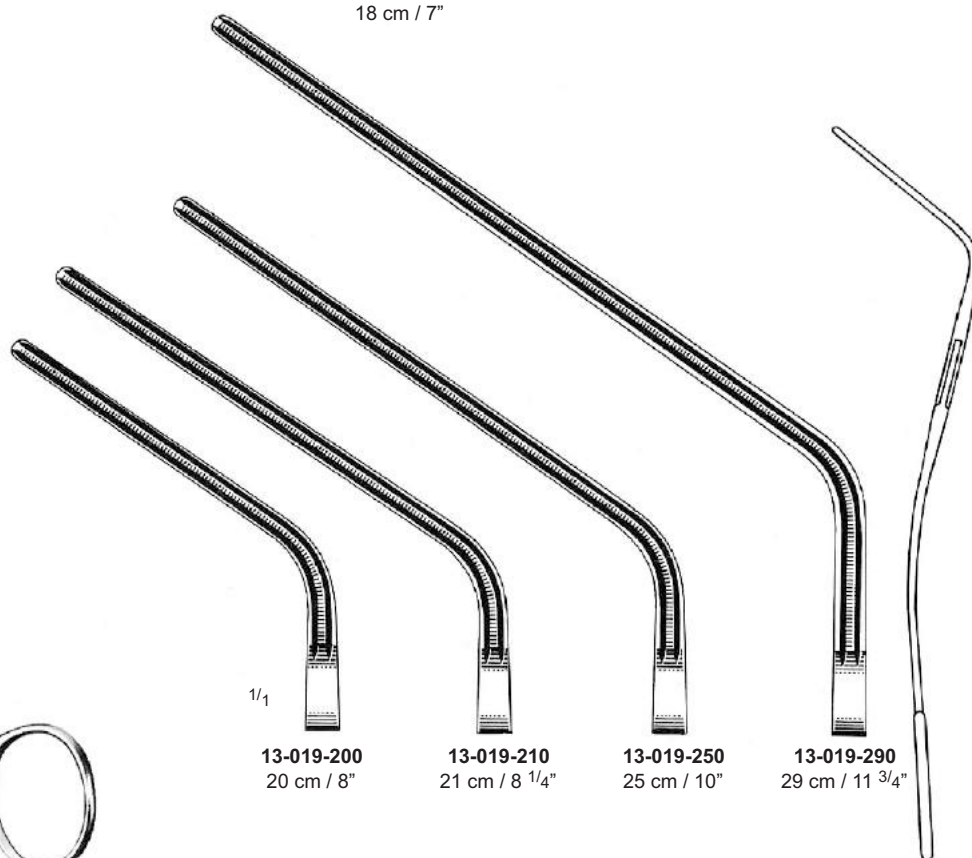
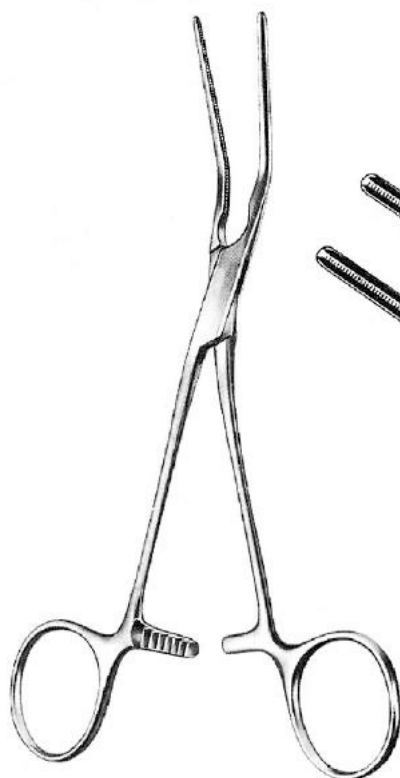


13-018-270  
27 cm / 10 1/2"

13-018-230  
23 cm / 9"

13-018-190  
19 cm / 7 1/2"

13-018-180  
18 cm / 7"



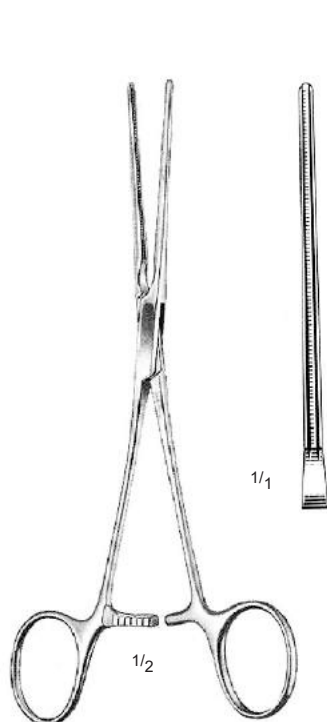
13-019-200  
20 cm / 8"

13-019-210  
21 cm / 8 1/4"

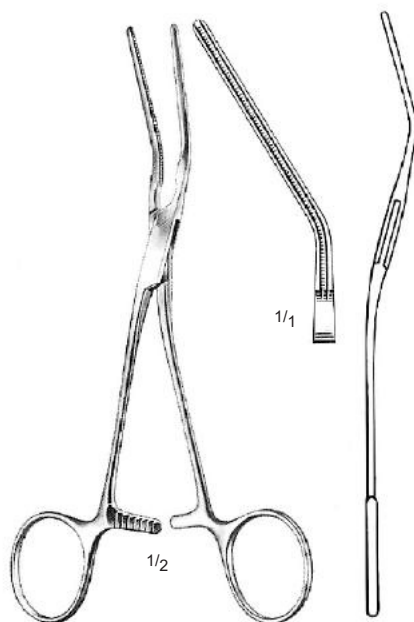
13-019-250  
25 cm / 10"

13-019-290  
29 cm / 11 3/4"

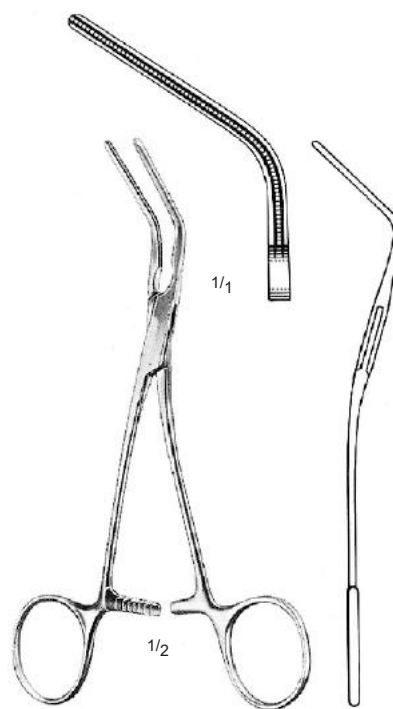
Atraumatic Cardiovascular Forceps



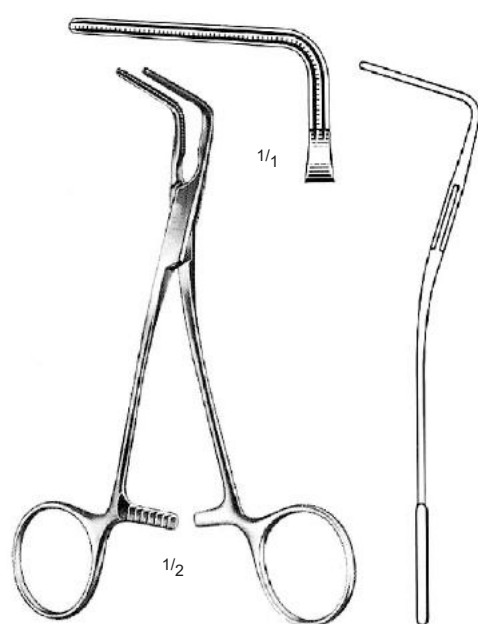
DE BAKEY  
13-020-170  
17 cm / 6 3/4"



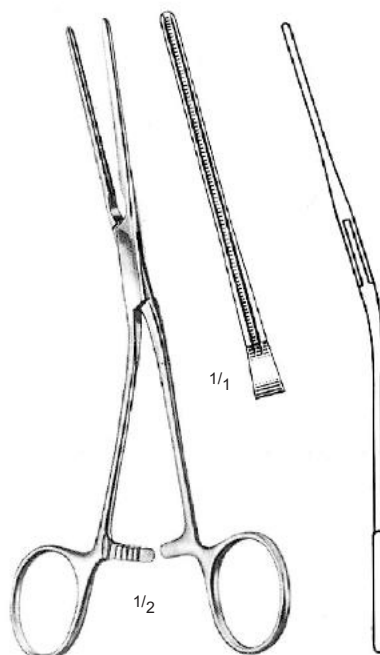
DE BAKEY  
13-021-160  
16 cm / 6 1/4"



DE BAKEY  
13-022-150  
15 cm / 6"

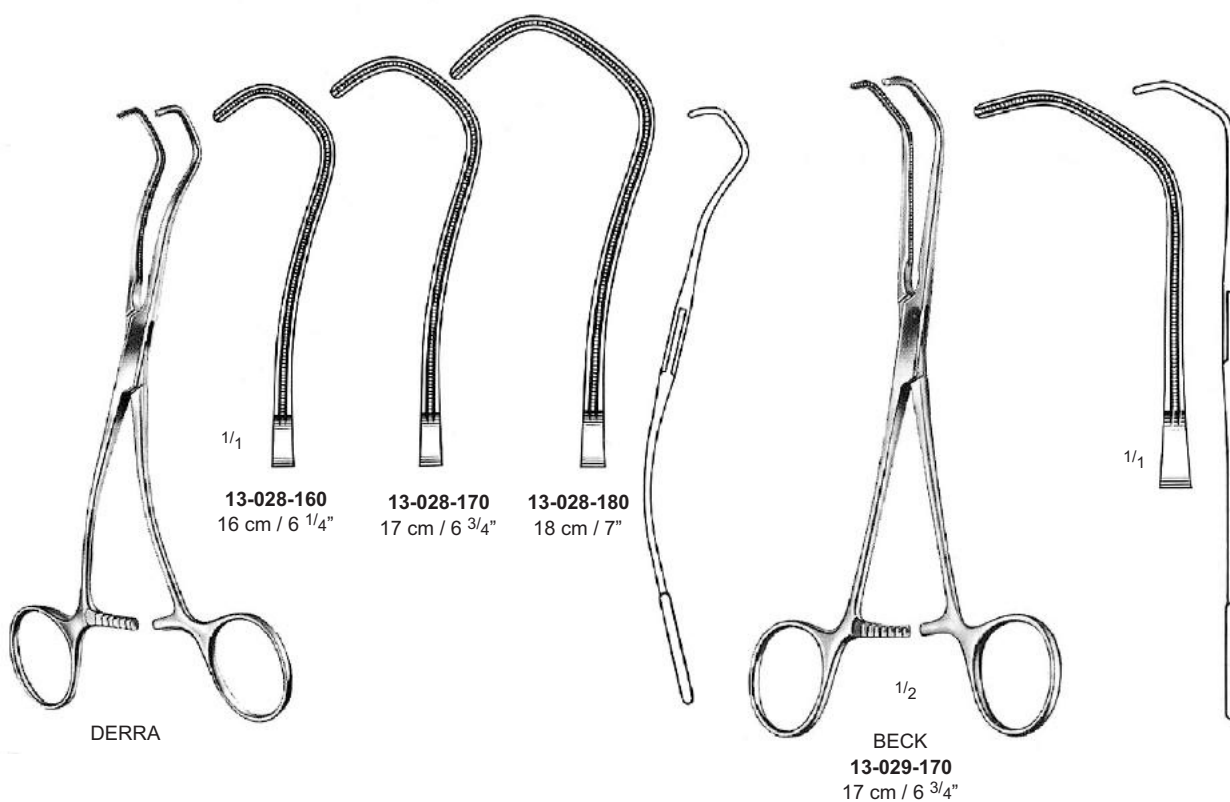
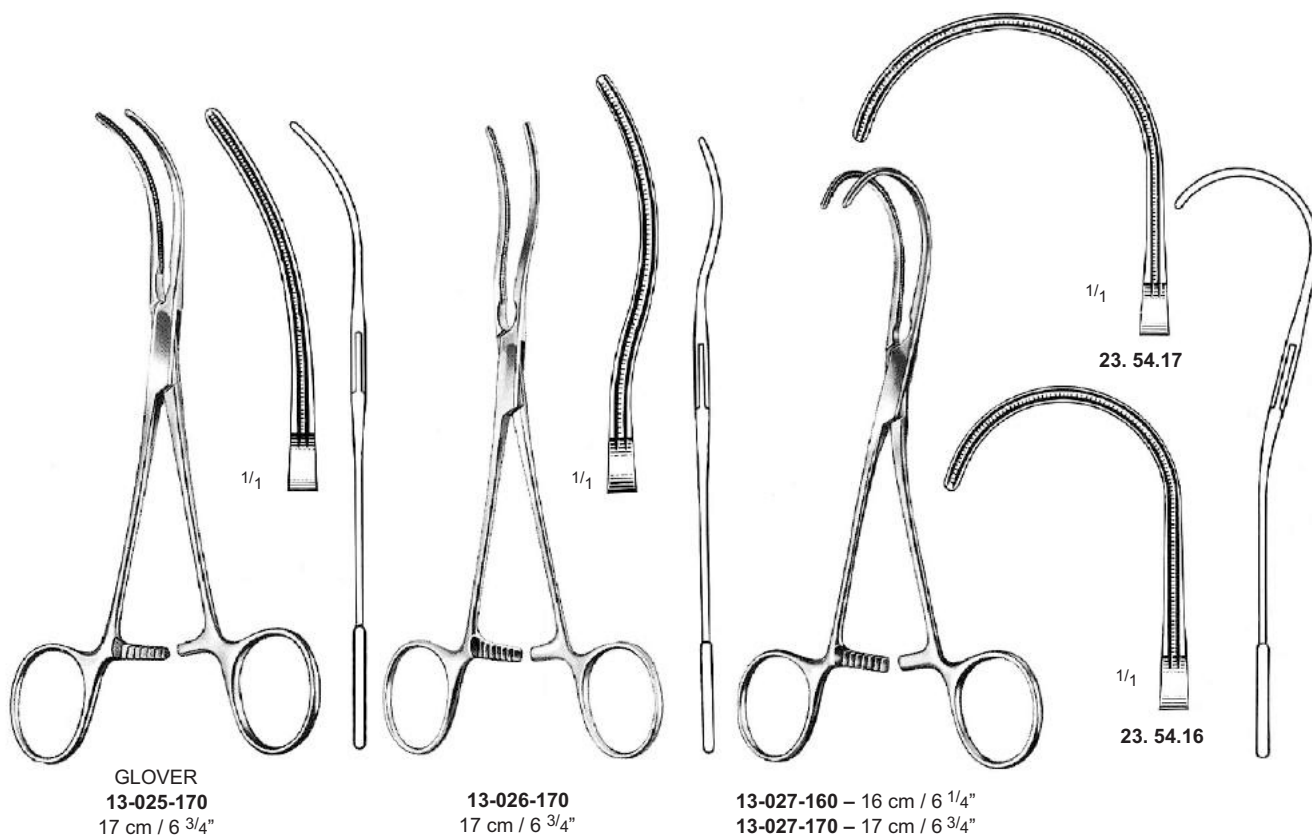


DE BAKEY  
13-023-150  
15 cm / 6"

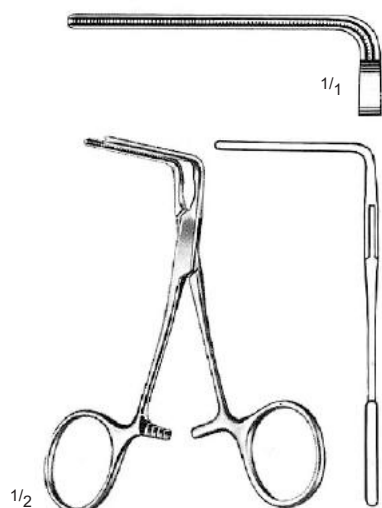


DE BAKEY  
13-024-170  
17 cm / 6 3/4"

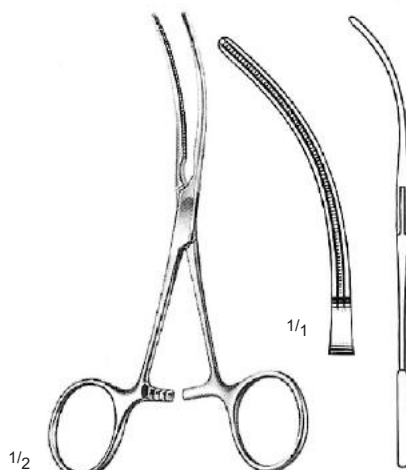
Atraumatic Cardiovascular Forceps



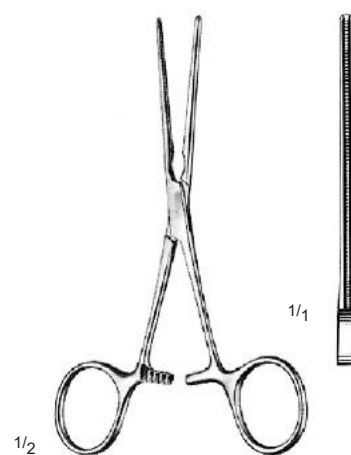
Atraumatic Bulldog Clamps



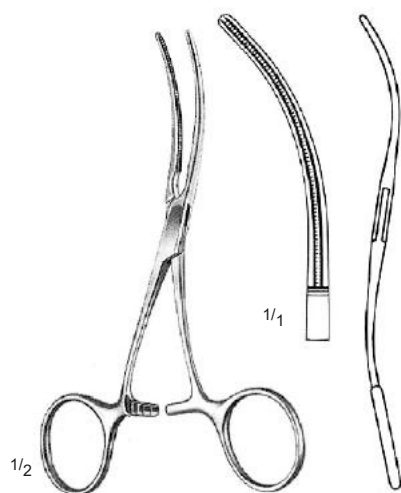
DE BAKEY  
**13-030-100**  
10 cm / 4"



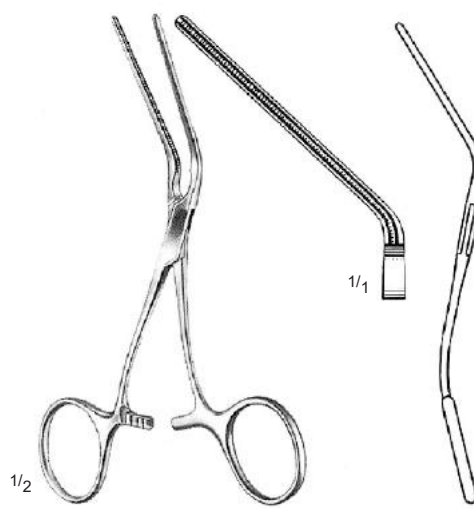
DE BAKEY  
**13-031-110**  
11 cm / 4 1/4"



DE BAKEY  
**13-032-120**  
12 cm / 4 3/4"

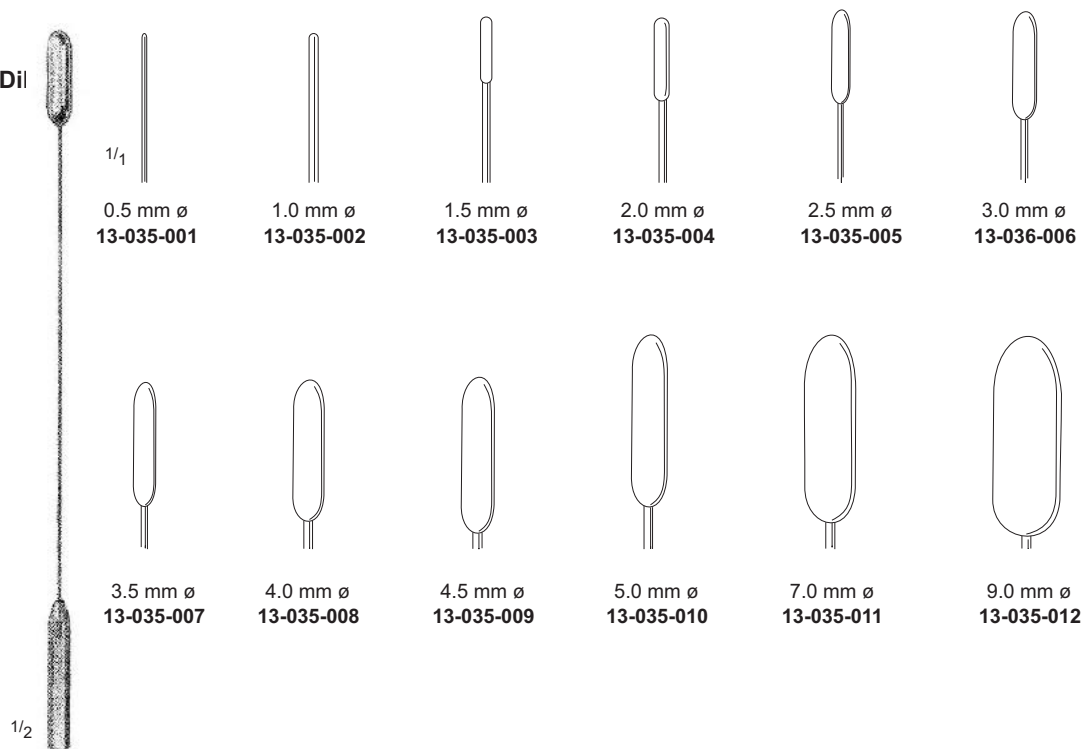


DE BAKEY  
**13-033-120**  
12 cm / 4 3/4"

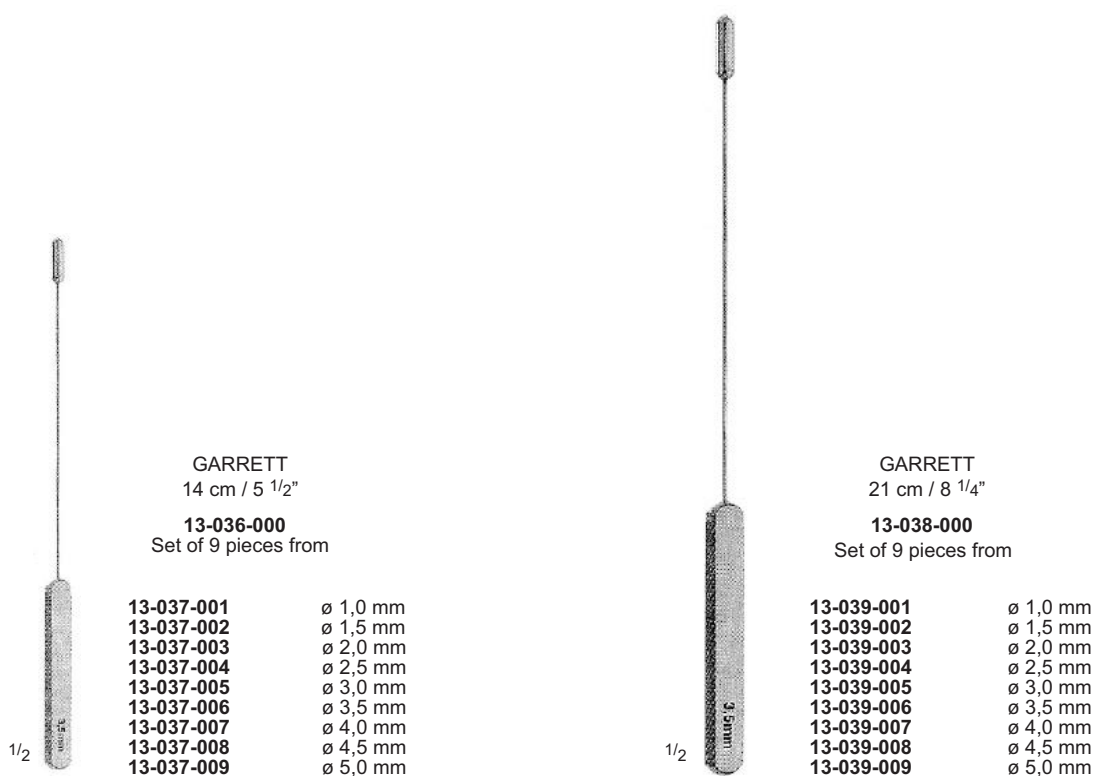


DE BAKEY  
**13-034-130**  
13 cm / 5"

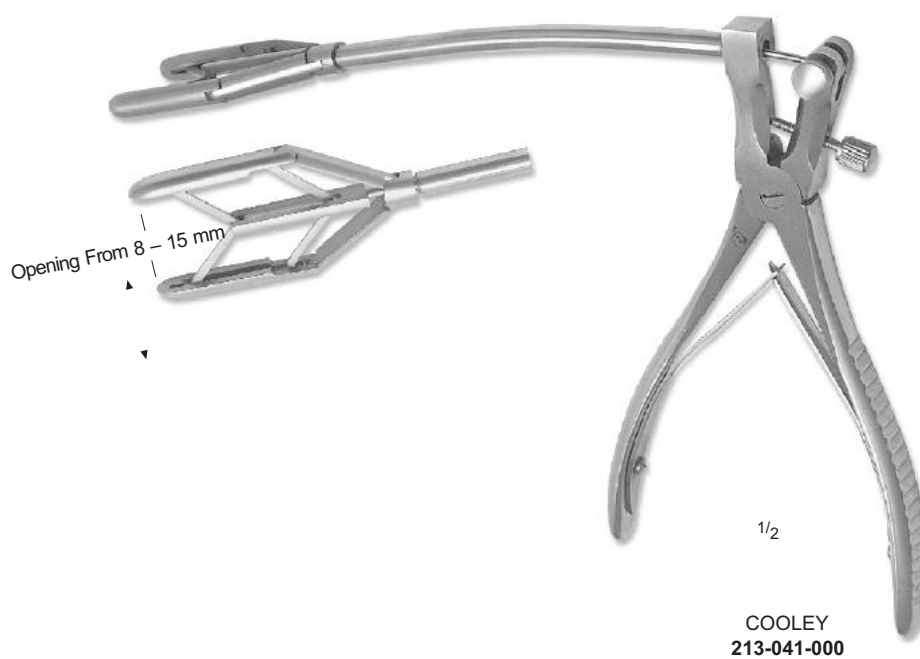
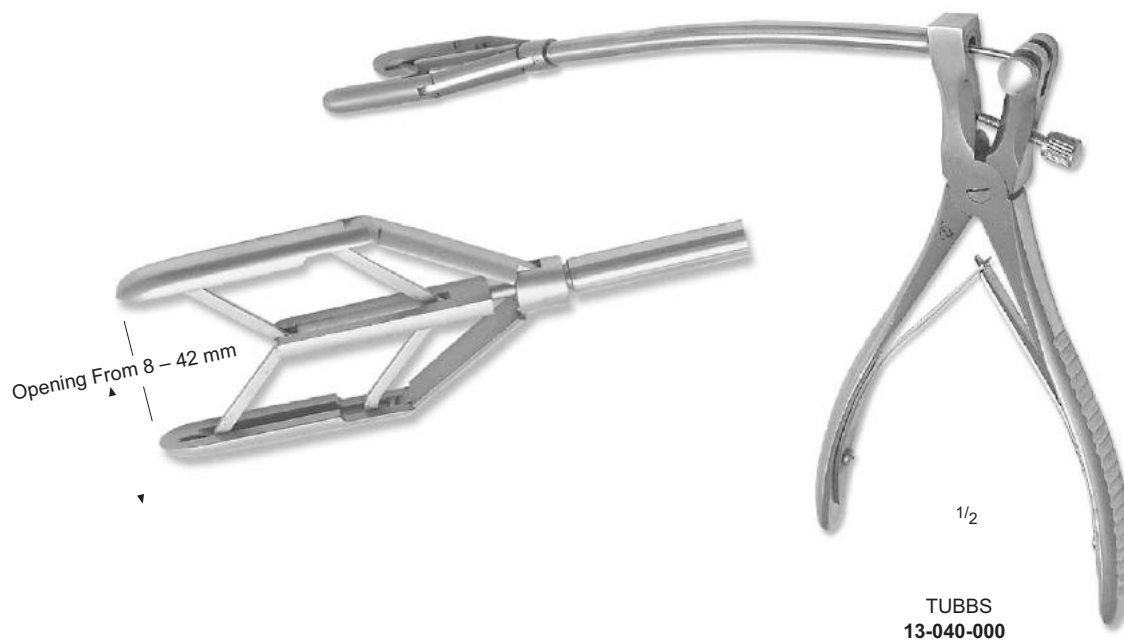
**Vascular Dil**



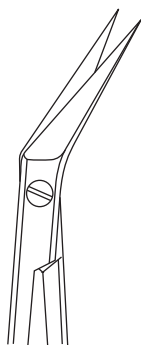
**DE BAKEY**  
19 cm / 7 1/2"  
35 cm / 14"



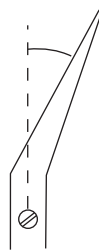
Aorta Dilators



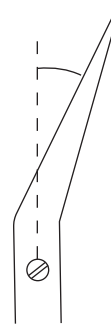
Vascular Scissors, with Tungsten Carbide T/C Inserts



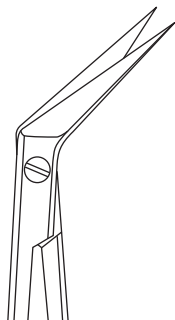
13-042-025  
25°



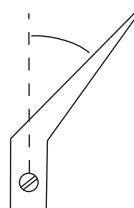
13-043-025  
25°



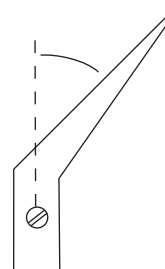
13-044-025  
25°



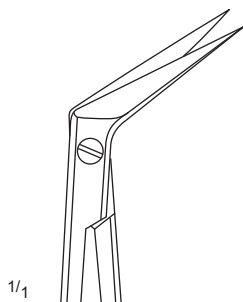
13-042-045  
45°



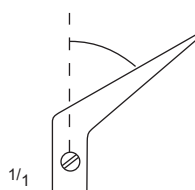
13-043-045  
45°



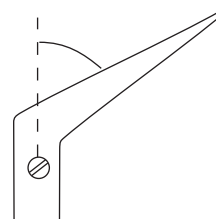
13-044-045  
45°



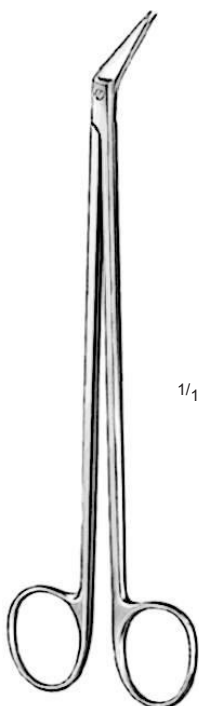
13-042-060  
60°



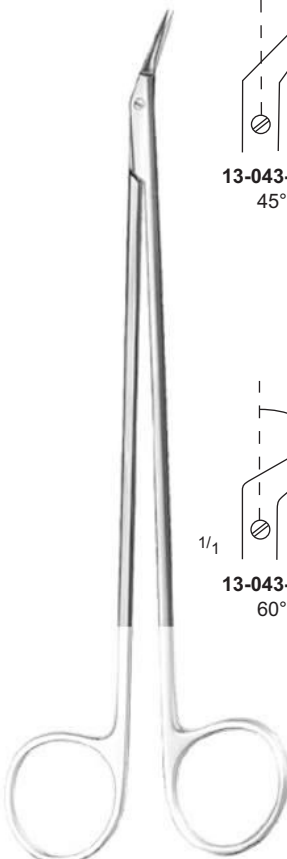
13-043-060  
60°



13-044-060  
60°



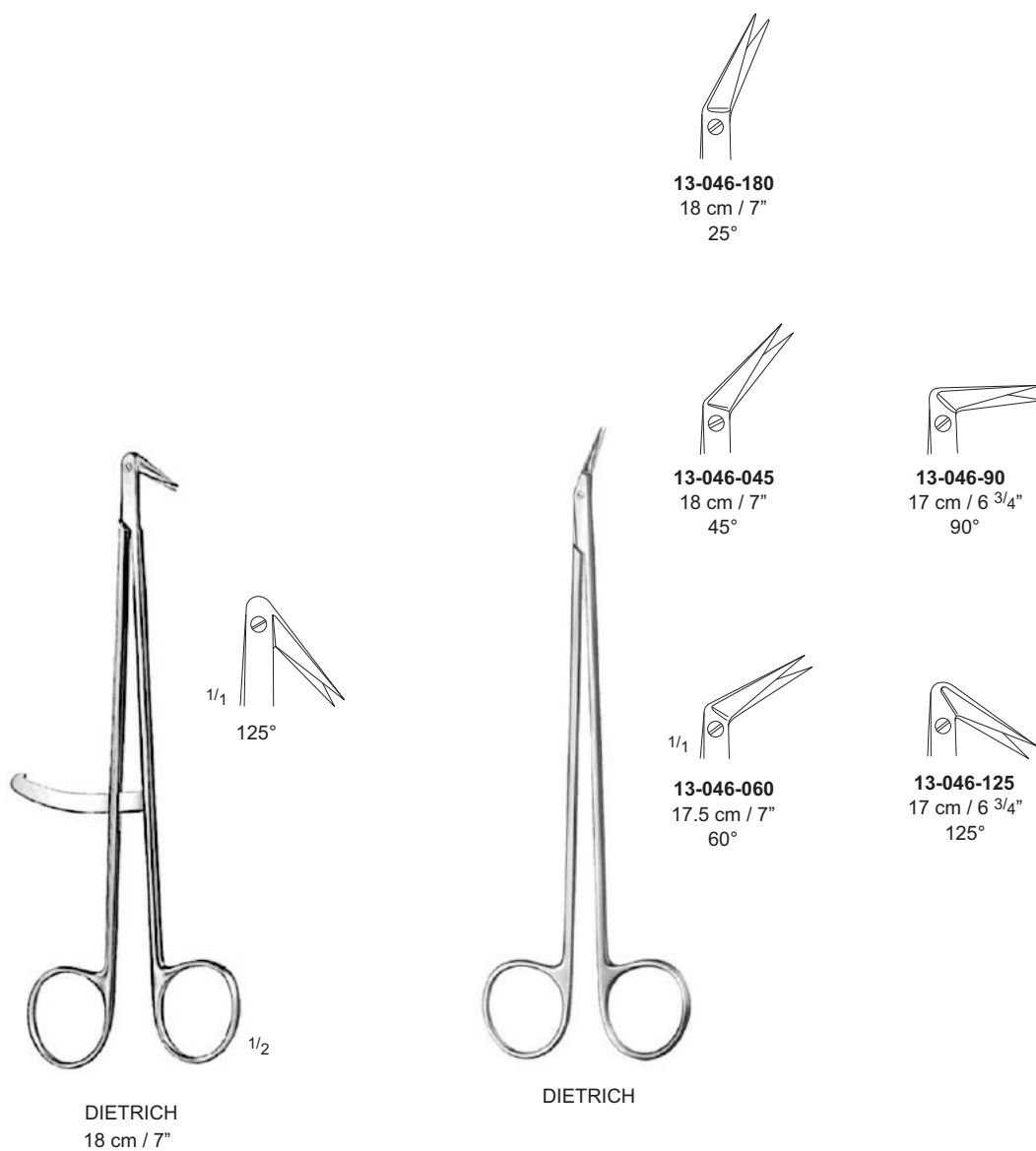
POTTS SMITH  
19 cm / 7 1/2"



POTTS SMITH, T/C  
19 cm / 7 1/2"  
23 cm / 9"



## Vascular Scissors





# Ear Instruments



## Ear Polypus Snares, Tuning Forks



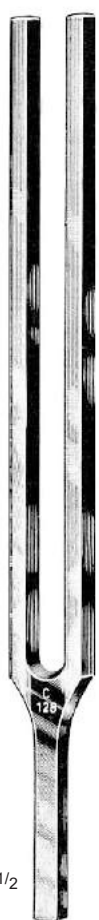
KRAUSE  
14-001-000

1/2



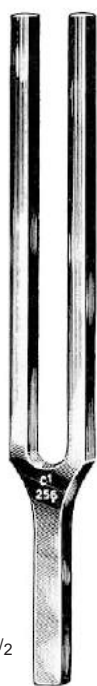
KRUSE-VOSS  
14-002-000

1/2



HARTMAN  
14-003-128  
C-128

1/2



HARTMAN  
14-003-256  
C<sup>1</sup> - 256

1/2



HARTMAN  
14-003-512  
C<sup>2</sup> - 512

1/2



HARTMAN  
14-003-024  
C<sup>3</sup> - 1024

1/2



HARTMAN  
14-003-048  
C<sup>4</sup> - 2048

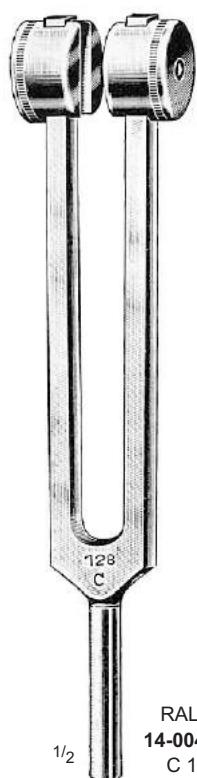
1/2



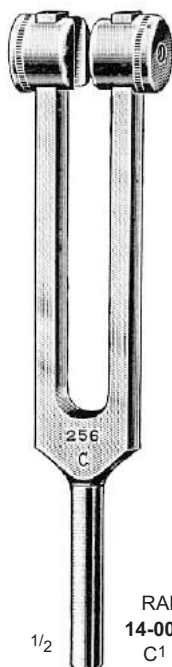
HARTMAN  
14-003-096  
C<sup>5</sup> - 4096

1/2

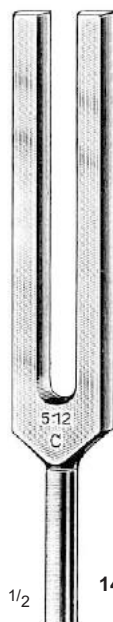
## Tuning Forks



RALKS  
14-004-128  
C 128



RALKS  
14-004-256  
C1 256



RALKS  
14-004-512  
C2 512



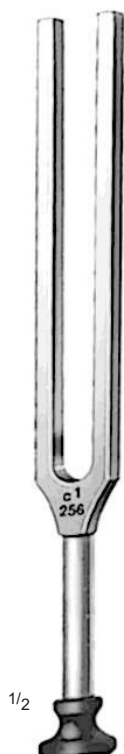
RALKS  
14-004-024  
C3 1024



RALKS  
14-004-048  
C4 2048



LUCAE  
14-005-128  
C 128



LUCAE  
14-005-256  
C1 256



LUCAE  
14-005-512  
C2 512



LUCAE  
14-005-024  
C3 1024



LUCAE  
14-005-048  
C4 2048



LUCAE  
14-005-096  
C5 4096

## Ear Specula

|                                                                                                                                                                                                                               |                                                                                                                                                                                                                              |                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>ø 3 mm<br/><b>14-007-003</b><br/>Fig. 0</p>                                                                                              |  <p>ø 4 mm<br/><b>14-008-004</b><br/>Fig. 1</p>                                                                                             |  <p>4.5 mm<br/><b>14-011-045</b></p>                                                                                                       |
|  <p>ø 4 mm<br/><b>14-007-004</b><br/>Fig. 1</p>                                                                                              |  <p>ø 5 mm<br/><b>14-008-005</b><br/>Fig. 2</p>                                                                                             |  <p>5.5 mm<br/><b>14-011-055</b></p>                                                                                                       |
|  <p>1/1 ø 5 mm<br/><b>14-007-005</b><br/>Fig. 2</p>                                                                                          |  <p>ø 6.0 mm<br/><b>14-008-006</b><br/>Fig. 3</p>                                                                                           |  <p>6.5 mm<br/><b>14-011-065</b></p>                                                                                                       |
|  <p>1/1 ø 5 mm<br/><b>14-007-005</b><br/>Fig. 2</p>                                                                                          |  <p>1/1 ø 7.5 mm<br/><b>14-008-075</b><br/>Fig. 4</p>                                                                                       |  <p>7.5 mm<br/><b>14-011-075</b></p>                                                                                                       |
|  <p>1/2</p> <p><b>HARTMAN</b><br/>(For Children)<br/><b>14-006-000</b><br/>Set of 3 (FIG 0,1,2)</p>                                         |  <p>1/2</p> <p><b>HARTMAN</b><br/>(For Adults)<br/><b>14-009-000</b> Set of 3 (Fig 2,3,4)<br/><b>14-009-000</b> Set of 4 (Fig 1,2,3,4)</p> |  <p>1/1</p> <p><b>GRUBER</b><br/><b>14-010-000</b><br/>(Set of 4)</p>                                                                     |
|  <p>1/2</p> <p><b>TOYNBEE</b><br/>(For Adults)<br/><b>14-012-000</b> Set of 3 (Fig 2,3,4)<br/><b>14-013-000</b> Set of 4 (Fig 1,2,3,4)</p> |  <p>1/2</p> <p><b>FARRIOR</b><br/>(Black)</p>                                                                                             |  <p>1/2</p> <p><b>POLITZER</b><br/><b>14-014-000</b><br/>Set of 3 (Fig.1, 2, 3)<br/><b>14-015-000</b><br/>Set of 4 (Fig. 1, 2, 3, 4)</p> |
|                                                                                                                                                                                                                               |  <p>ø 5.5 mm<br/><b>14-013-055</b></p>                                                                                                    |  <p>ø 3.0 mm<br/><b>14-016-030</b><br/>Fig. 1</p>                                                                                        |
|                                                                                                                                                                                                                               |  <p>ø 6.5 mm<br/><b>14-013-065</b></p>                                                                                                    |  <p>ø 4.5 mm<br/><b>14-016-045</b><br/>Fig. 2</p>                                                                                        |
|                                                                                                                                                                                                                               |  <p>ø 7.5 mm<br/><b>14-013-075</b></p>                                                                                                    |  <p>ø 5.5 mm<br/><b>14-016-055</b><br/>Fig. 3</p>                                                                                        |
|                                                                                                                                                                                                                               |  <p>ø 8.5 mm<br/><b>14-013-085</b></p>                                                                                                    |  <p>1/1 ø 6.5 mm<br/><b>14-016-065</b><br/>Fig. 4</p>                                                                                    |
|                                                                                                                                                                                                                               |  <p>ø 9.5 mm<br/><b>14-013-095</b></p>                                                                                                    |                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                               |  <p>ø 10.5 mm<br/><b>14-013-105</b></p>                                                                                                   |                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                               |  <p>ø 11.5 mm<br/><b>14-013-115</b></p>                                                                                                   |                                                                                                                                                                                                                               |

Otosopes PIKALITE®



Complete Set in leather case  
with 2 spare specula  
**14-017-000**

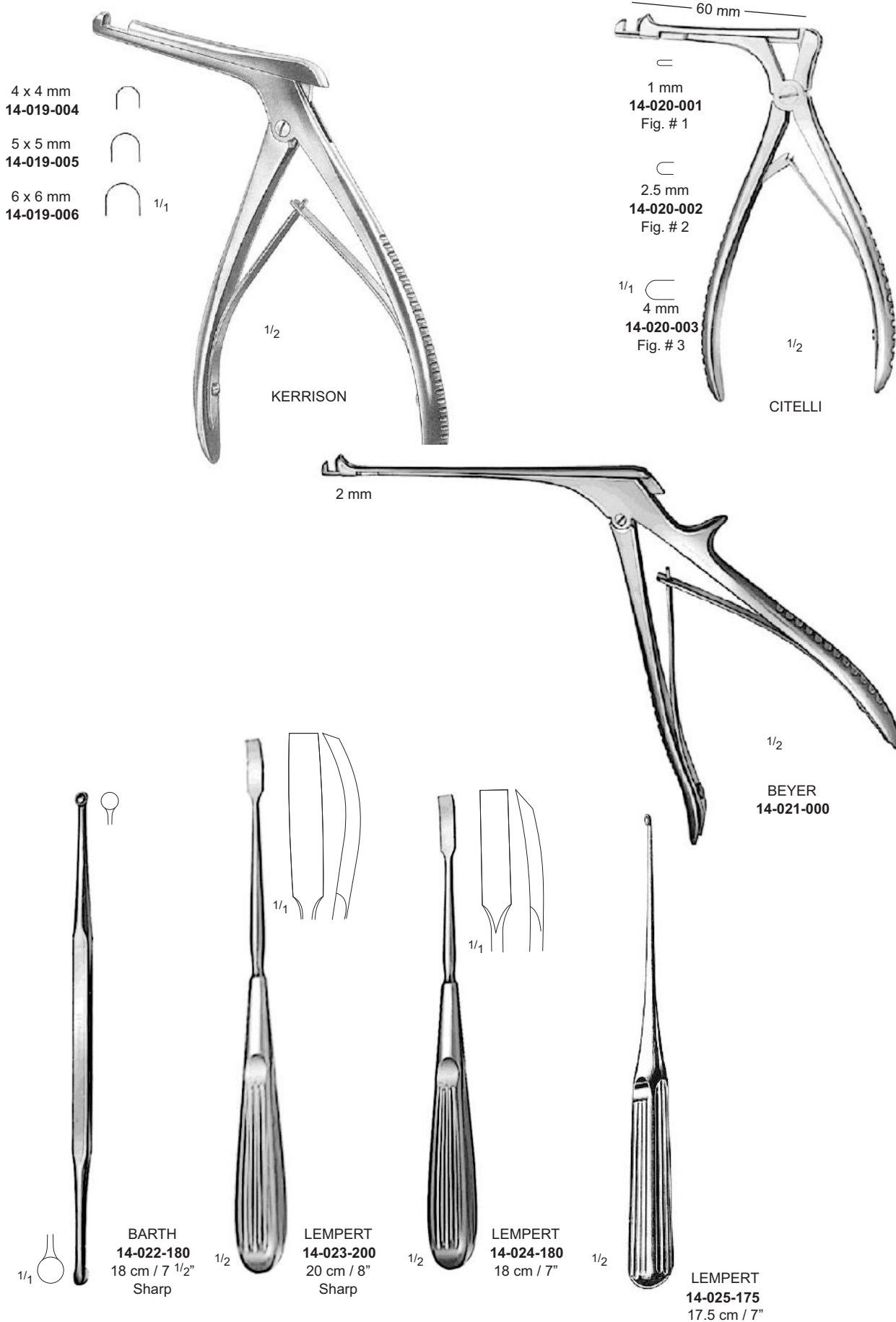


**14-017-000**

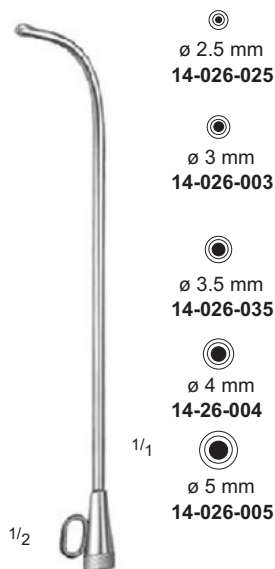


**14-018-000**

Punche Forceps, Currettes, Elevators



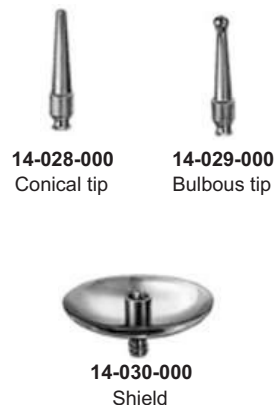
Eustachian Catheters, Ear Syringe, Ear Curettes



HARTMANN  
24. 63.07 – 24. 63.15  
14 cm / 5 1/2"



14-027-050 = 50 ml  
14-027-100 = 100 ml  
Ear Syringe Complete with  
1 bulbous and 1 conical tip  
and 1 protective shield.



Sharp

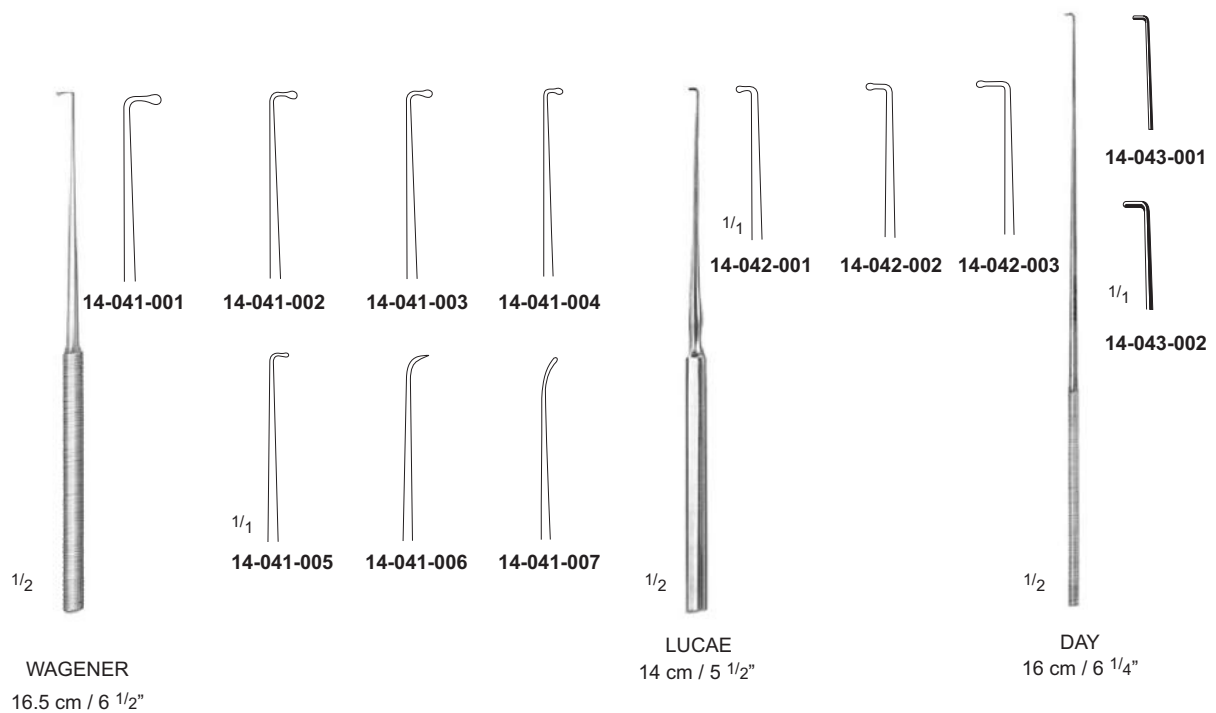
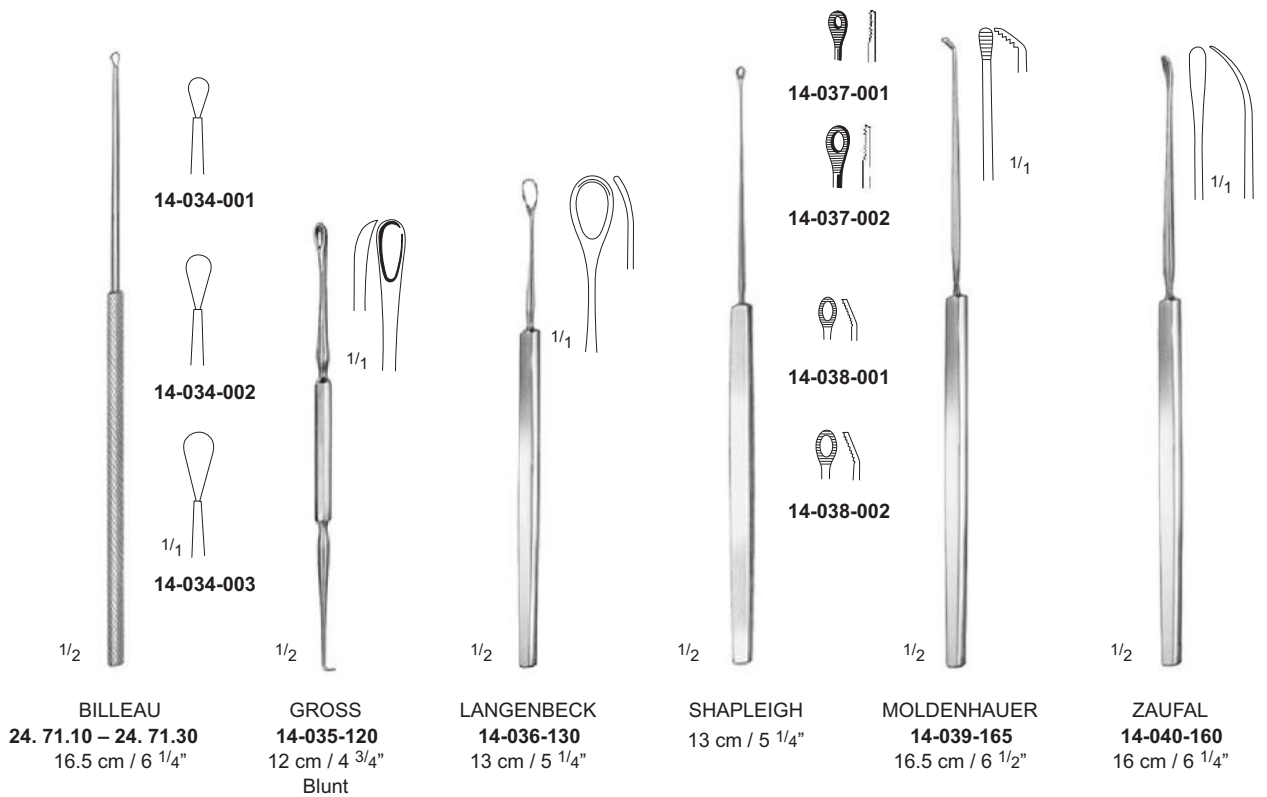


Blunt



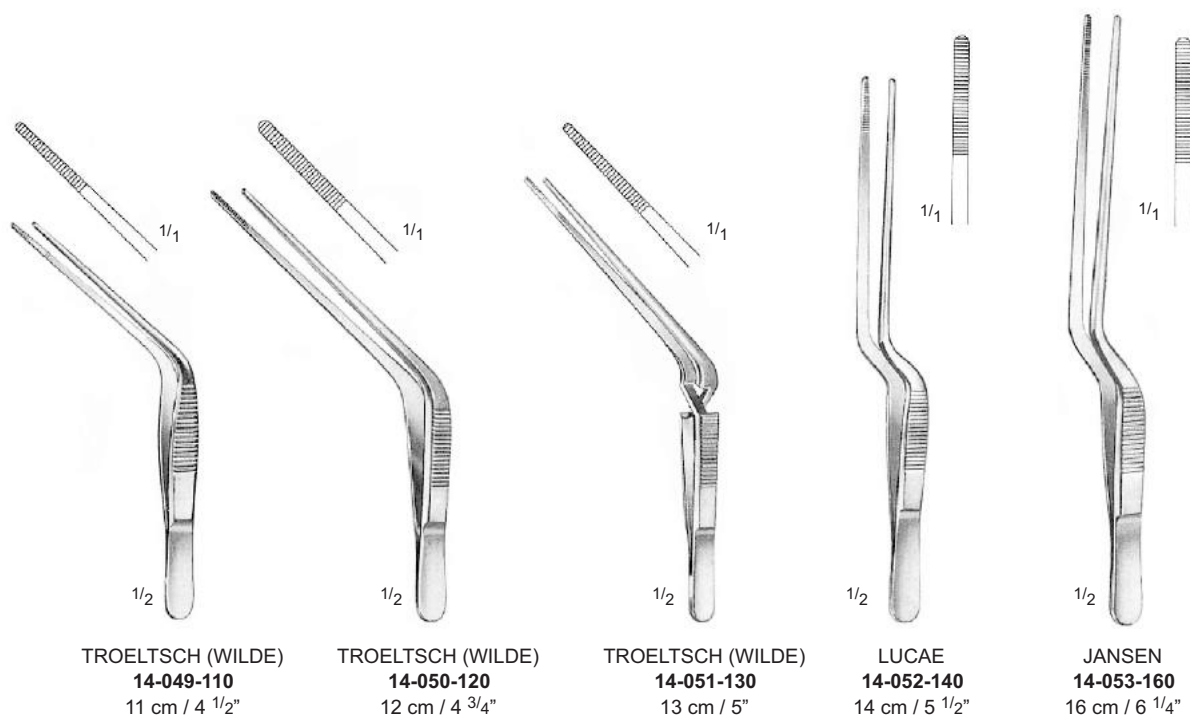
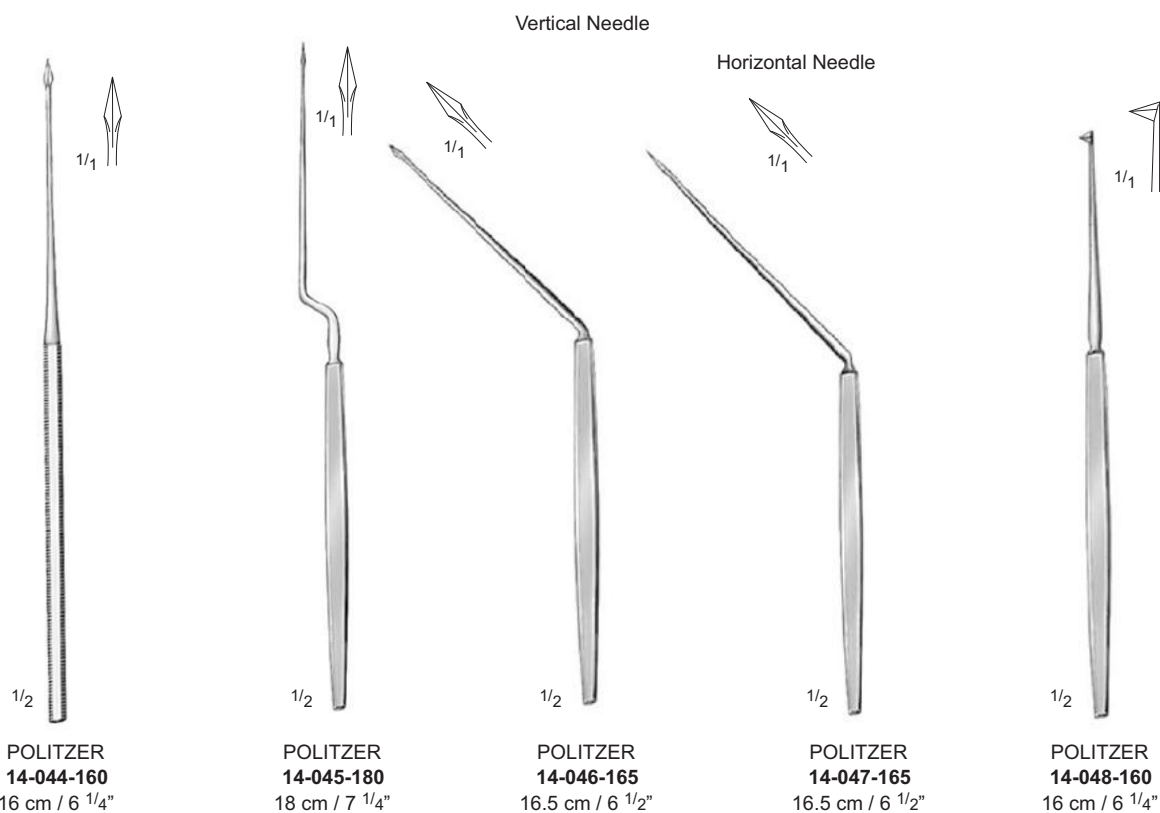
BUCK  
16.5 cm / 6 1/2"

## Ear Loops, Hooks

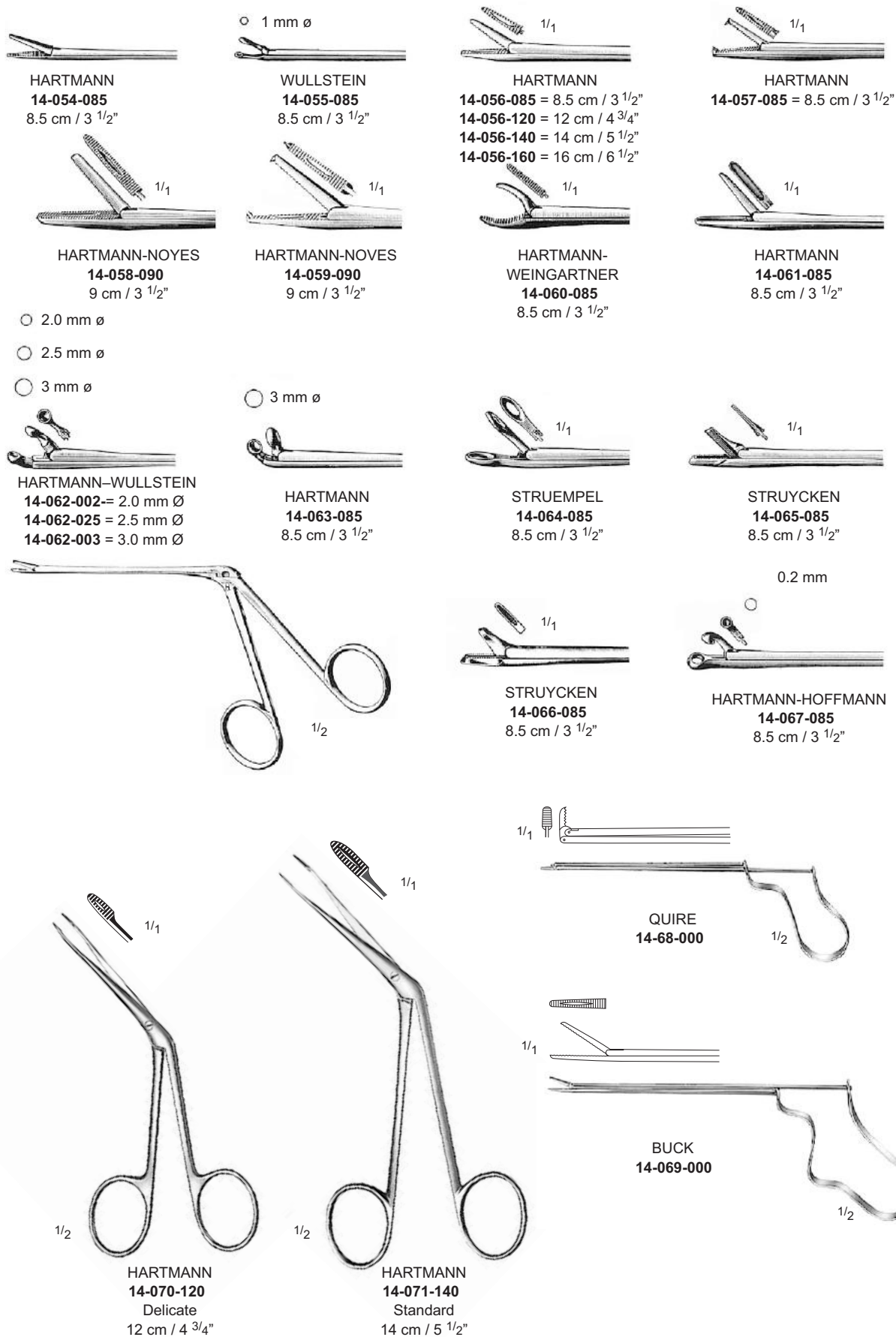




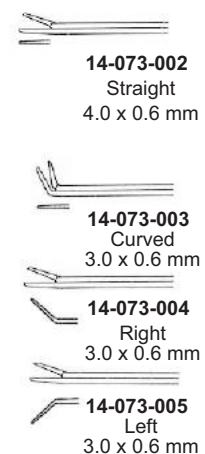
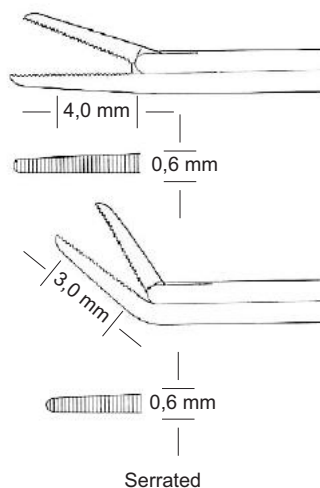
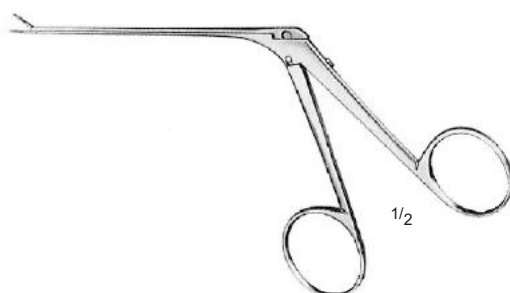
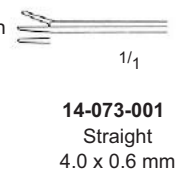
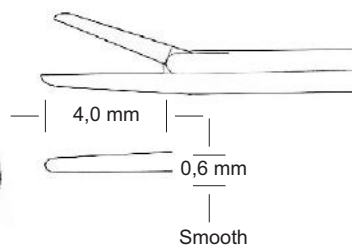
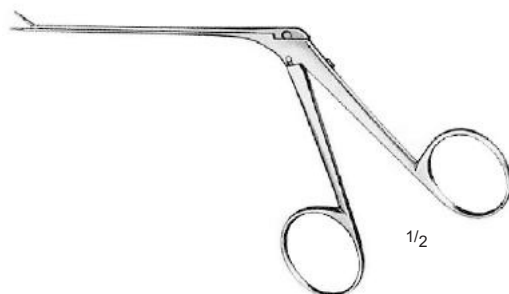
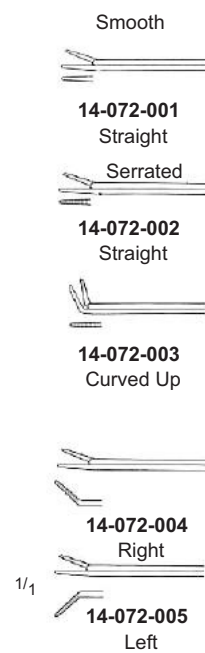
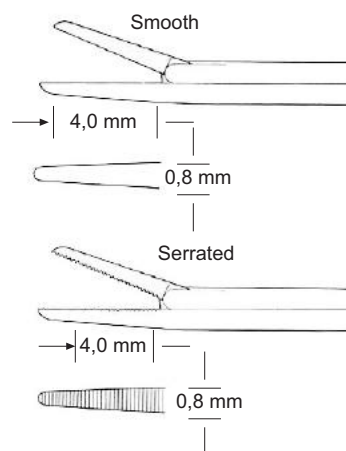
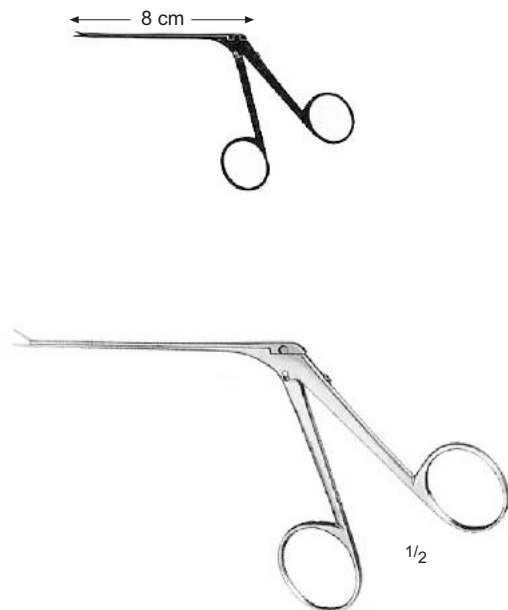
Paracentesis Needles, Ear Dressing Forceps



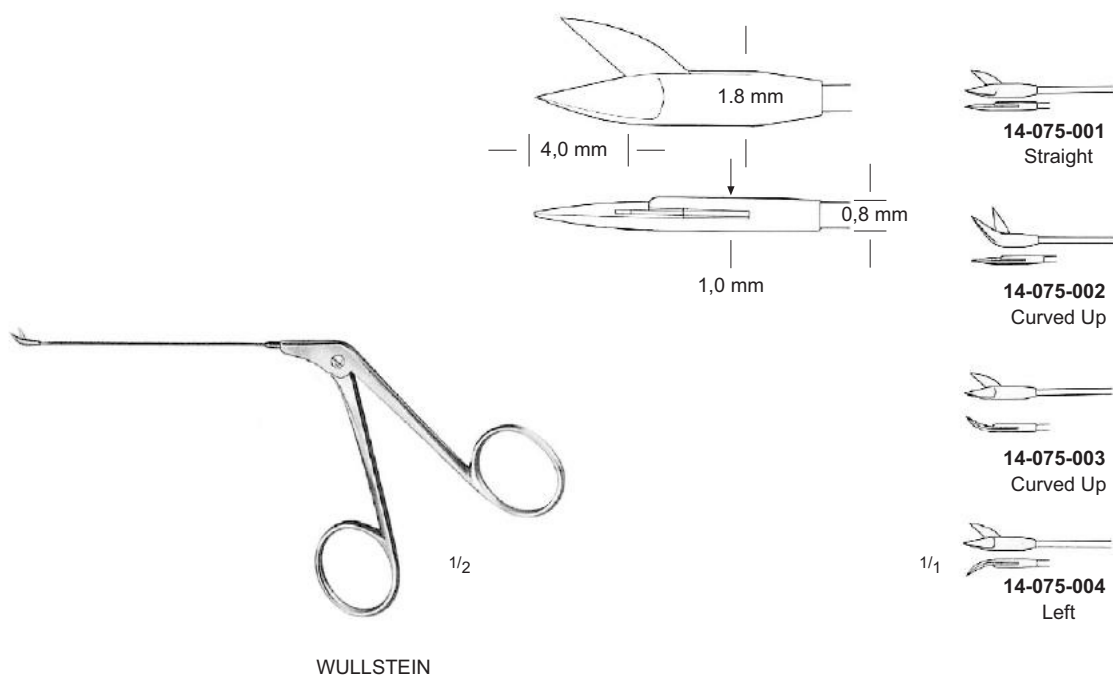
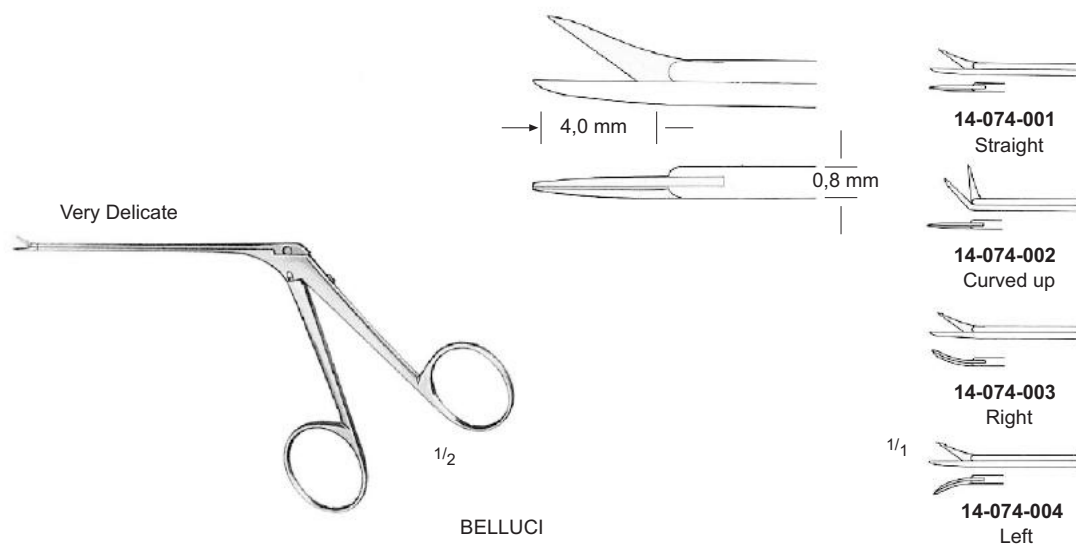
## Ear Polypus Forceps, Foreign Body Levers



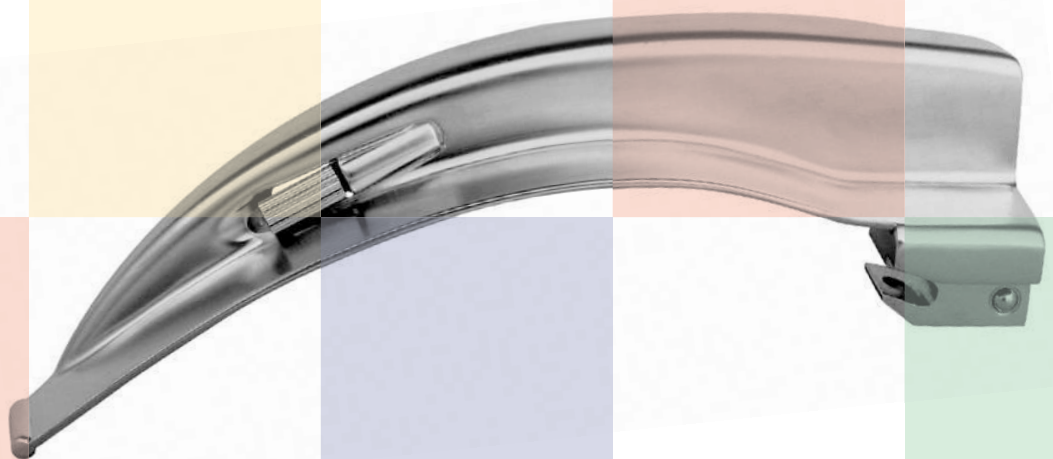
Micro Ear Forceps



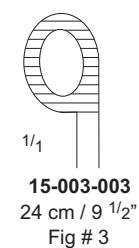
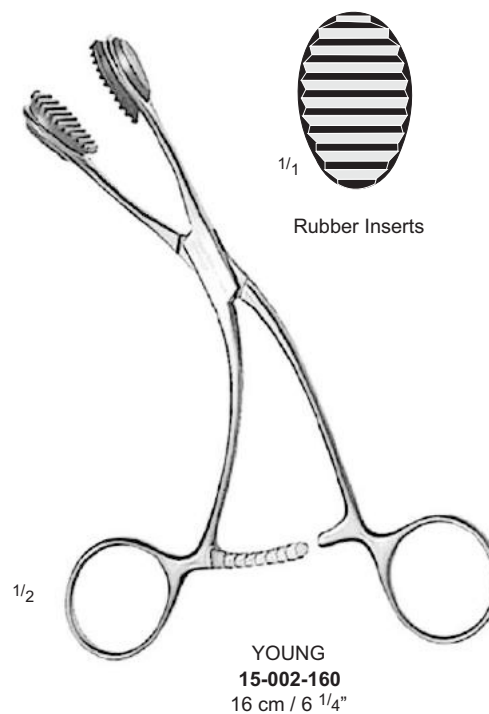
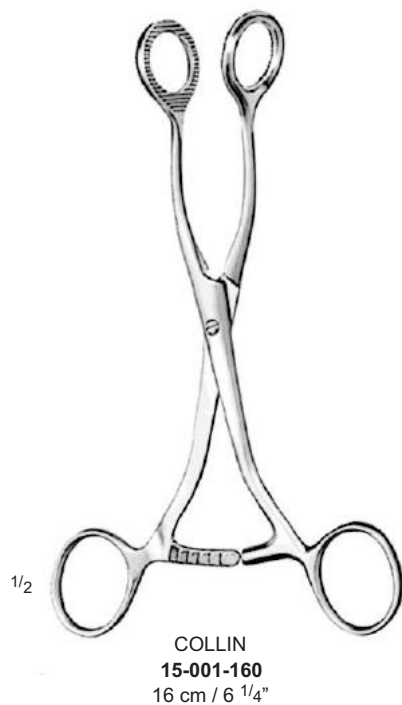
## Micro Ear Scissors



# Laryngoscopes



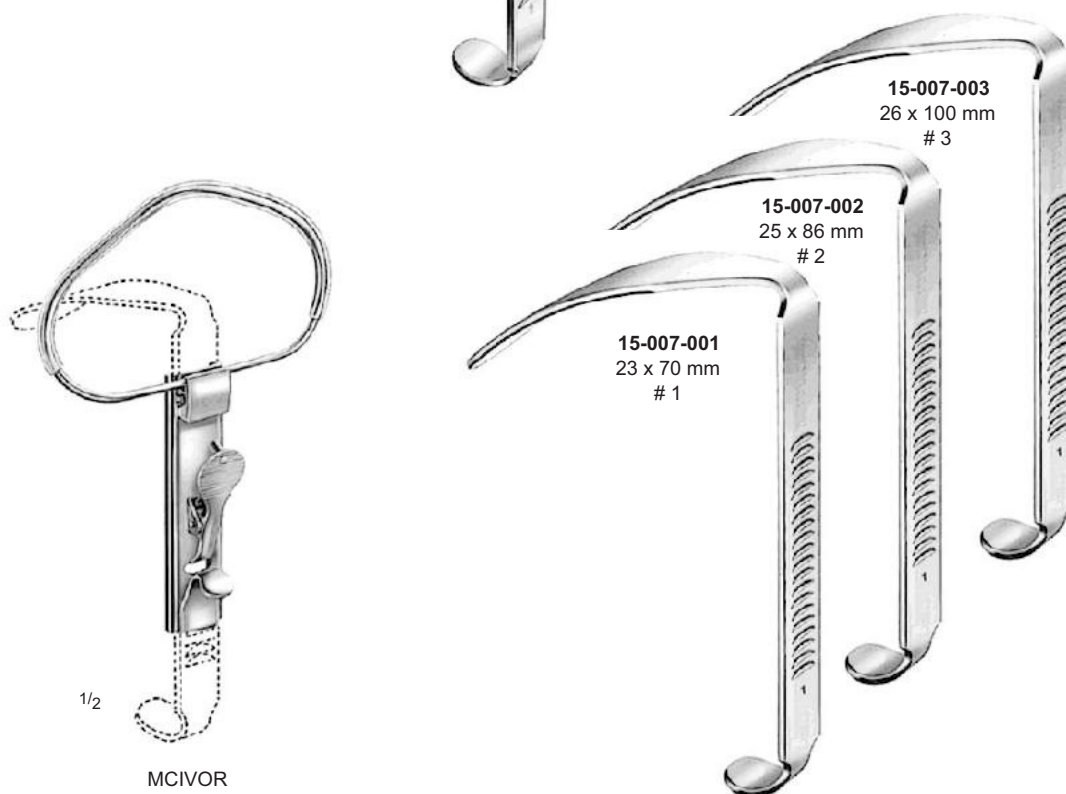
Tongue Holding Forceps, Catheter Introducing Forceps



Mouth Gags



DAVIS BOYLE  
15-004-000  
Complete  
(1 Frame, 5 Tongue Depressors)



MCIVOR  
15-006-000  
Complete  
(1 Frame, 3 Tongue Depressors)



Laryngoscope Sets, McIntosh



MCINTOSH (CONVENTIONAL)

| Wooden Box | Artificial Leather<br>Emergency Bag | Contents                                |
|------------|-------------------------------------|-----------------------------------------|
| 15-010-000 | 15-014-000                          | Set of 3 blades No. 2,3,4               |
| 15-011-000 | 15-015-000                          | Set of 4 blades No. 0,1,2,3 (Pediatric) |
| 15-012-000 | 15-016-000                          | Set of 4 blades No. 1,2,3,4             |
| 15-013-000 | 15-017-000                          | Set of 5 blades, No. 1,2,3,4,5          |

All sets include 1 standard battery handle  
and 2 spare lamps

MCINTOSH (FIBEROPTIC)

| Wooden Box | Artificial Leather<br>Emergency Bag | Contents                                |
|------------|-------------------------------------|-----------------------------------------|
| 15-018-000 | 15-022-000                          | Set of 3 blades No. 2,3,4               |
| 15-019-000 | 15-023-000                          | Set of 4 blades No. 0,1,2,3 (Pediatric) |
| 15-020-000 | 15-034-000                          | Set of 4 blades No. 1,2,3,4             |
| 15-021-000 | 15-035-000                          | Set of 5 blades, No. 1,2,3,4,5          |

All sets include 1 standard battery handle  
and 2 spare lamps



## Laryngoscope Sets, Wis-Forregger, Miller



### WIS-FOREGGER (CONVENTIONAL)

| Wooden Box | Artificial Leather<br>Emergency Bag | Contents                                |
|------------|-------------------------------------|-----------------------------------------|
| 15-036-000 | 15-040-000                          | Set of 3 blades No. 2,3,4               |
| 15-037-000 | 15-041-000                          | Set of 4 blades No. 0,1,2,3 (Pediatric) |
| 15-038-000 | 15-042-000                          | Set of 4 blades No. 1,2,3,4             |
| 15-039-000 | 15-043-000                          | Set of 5 blades, No. 1,2,3,4,5          |

All sets include 1 standard battery handle  
and 2 spare lamps

### WIS-FOREGGER (FIBRE OPTIC)

| Wooden Box | Artificial Leather<br>Emergency Bag | Contents                                |
|------------|-------------------------------------|-----------------------------------------|
| 15-044-000 | 15-048-000                          | Set of 3 blades No. 2,3,4               |
| 15-045-000 | 15-049-000                          | Set of 4 blades No. 0,1,2,3 (Pediatric) |
| 15-046-000 | 15-050-000                          | Set of 4 blades No. 1,2,3,4             |
| 15-047-000 | 15-051-000                          | Set of 5 blades, No. 1,2,3,4,5          |

All sets include 1 standard battery handle  
and 2 spare lamps



25. 28.20 – 25. 28.28  
25. 48.40 – 25. 48.56

### MILLER (CONVENTIONAL)

| Wooden Box | Artificial Leather<br>Emergency Bag | Contents                                |
|------------|-------------------------------------|-----------------------------------------|
| 15-052-000 | 15-056-000                          | Set of 3 blades No. 1,2,3               |
| 15-053-000 | 15-057-000                          | Set of 4 blades No. 0,1,2,3 (Pediatric) |
| 15-054-000 | 15-058-000                          | Set of 4 blades No. 1,2,3,4             |
| 15-055-000 | 15-059-000                          | Set of 5 blades, No. 1,2,3,4,5          |

All sets include 1 standard battery handle  
and 2 spare lamps

### MILLER (FIBRE OPTIC)

| Wooden Box | Artificial Leather<br>Emergency Bag | Contents                                |
|------------|-------------------------------------|-----------------------------------------|
| 15-060-000 | 15-064-000                          | Set of 3 blades No. 1,2,3               |
| 15-061-000 | 15-065-000                          | Set of 4 blades No. 0,1,2,3 (Pediatric) |
| 15-062-000 | 15-066-000                          | Set of 4 blades No. 1,2,3,4             |
| 15-063-000 | 15-067-000                          | Set of 5 blades, No. 1,2,3,4,5          |

All sets include 1 standard battery handle  
and 2 spare lamps

## McIntosh Blades, Conventional



**15-068-055**  
Fig. 0, 55 mm  
For Premature Babies



**15-068-070**  
Fig. 1, 70 mm  
For Infants



**15-068-090**  
Fig. 2, 90 mm  
For Children



**15-068-110**  
Fig. 3, 110 mm  
For Adults, Medium

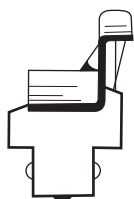


**15-068-130**  
Fig. 4, 130 mm  
For Adults, Large



**15-068-150**  
Fig. 5, 150 mm  
For Adults, Extra Large

McIntosh Blades, Fibre Optic (Cold Light)



**15-069-055**  
Fig. 0, 55 mm  
For Premature Babies



**15-069-070**  
Fig. 1, 70 mm  
For Infants



**15-069-090**  
Fig. 2, 90 mm  
For Children



**15-069-110**  
Fig. 3, 110 mm  
For Adults, Medium



**15-069-130**  
Fig. 4, 130 mm  
For Adults, Large

Wis-Foregger Blades, Conventional



**15-070-055**  
Fig. 0, 55 mm  
For Premature Babies



**15-070-070**  
Fig. 1, 70 mm  
For Infants



**15-070-090**  
Fig. 2, 90 mm  
For Children



**15-070-110**  
Fig. 3, 110 mm  
For Adults, Medium



**15-070-135**  
Fig. 4, 135 mm  
For Adults, Large

Wis-Foregger Blades, Fibre Optic (Cold Light)



**15-071-055**  
Fig. 0, 55 mm  
For Premature Babies



**15-071-070**  
Fig. 1, 70 mm  
For Infants



**15-071-090**  
Fig. 2, 90 mm  
For Children



**15-071-110**  
Fig. 3, 110 mm  
For Adults, Medium



**15-071-135**  
Fig. 4, 135 mm  
For Adults, Large

## Miller Blades, Conventional



**15-072-055**  
Fig. 0, 55 mm  
For Premature Babies



**15-072-080**  
Fig. 1, 80 mm  
For Infants



**15-072-130**  
Fig. 2, 130 mm  
For Children

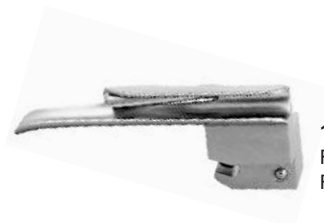


**15-072-170**  
Fig. 3, 170 mm  
For Adults, Medium



**15-072-180**  
Fig. 4, 180 mm  
For Adults, Large

Miller Blades, Fibre Optic (Cold Light)



**15-073-055**  
Fig. 0, 55 mm  
For Premature Babies



**15-073-080**  
Fig. 1, 80 mm  
For Infants



**15-073-130**  
Fig. 2, 130 mm  
For Children



**15-073170**  
Fig. 3, 170 mm  
For Adults, Medium

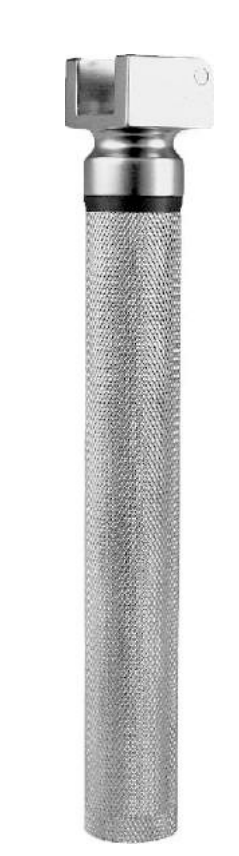


**15-073-180**  
Fig. 4, 180 mm  
For Adults, Large

Battery Handles & Lamps



FIBRE OPTIC  
**15-074-110**  
ø 24 mm  
11 cm / 4 1/4"



STANDARD  
**15-075-130**  
ø 19 mm  
13 cm / 5"



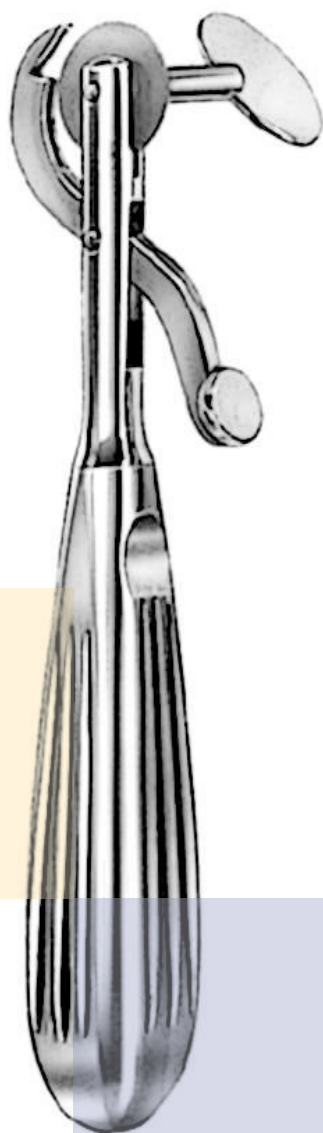
STANDARD  
**15-076-140**  
ø 28mm  
14 cm / 5 1/2"



FIBRE OPTIC  
**15-077-140**  
ø 28mm  
14 cm / 5 1/2"

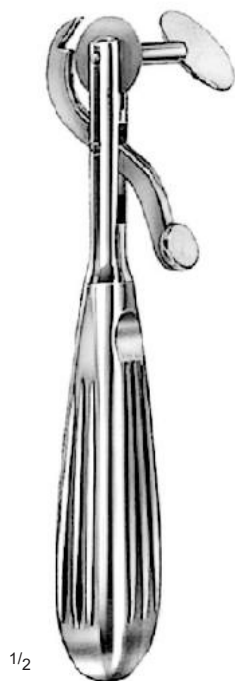


# DERMATOLOGY



## Fing Ring Cutters, Comedo Extractors

**016-03.01**  
Spare Saw  
Blade Only



1/2

**16-001-160**  
16 cm / 6 1/4"

**016-05.01**  
Spare Saw  
Blade Only



1/2

**16-002-160**  
16 cm / 6 1/4"



1/2

**SAALFELD**  
**16-003-110**  
11 cm / 4 1/2"



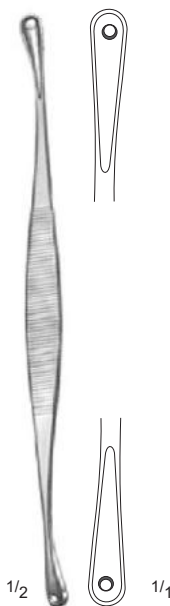
1/2

**SAALFELD**  
**16-004-150**  
15 cm / 6"



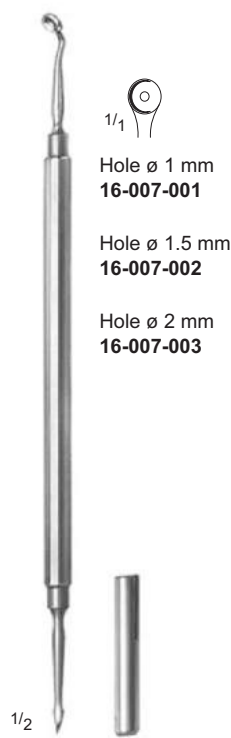
1/2

**UNNA**  
**16-005-140**  
14 cm / 5 1/2"



1/2

**UNNA**  
**16-006-140**  
14 cm / 5 1/2"



1/2

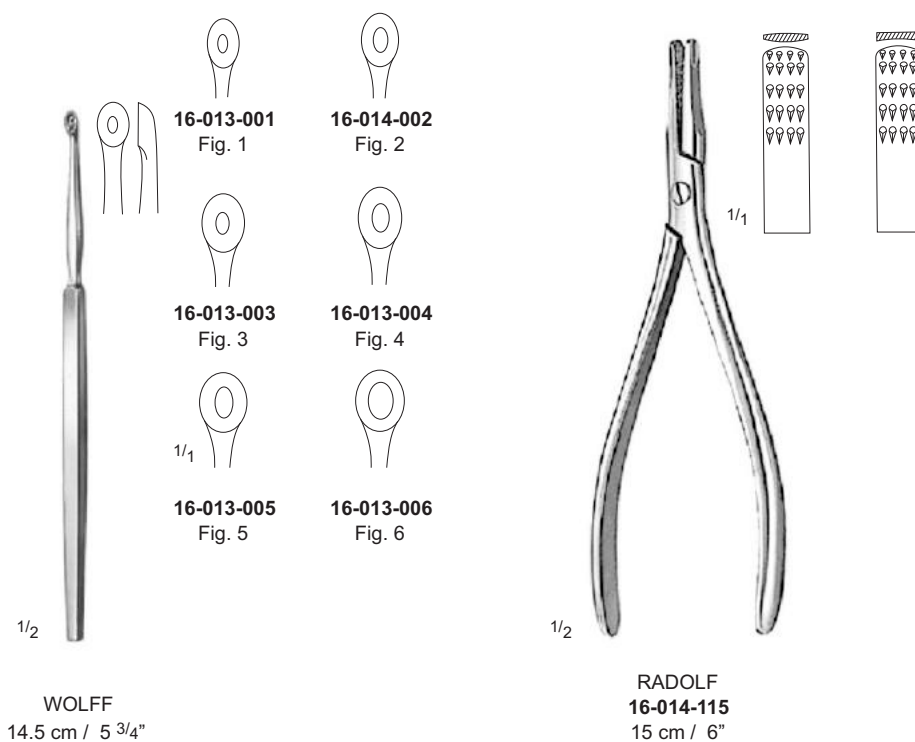
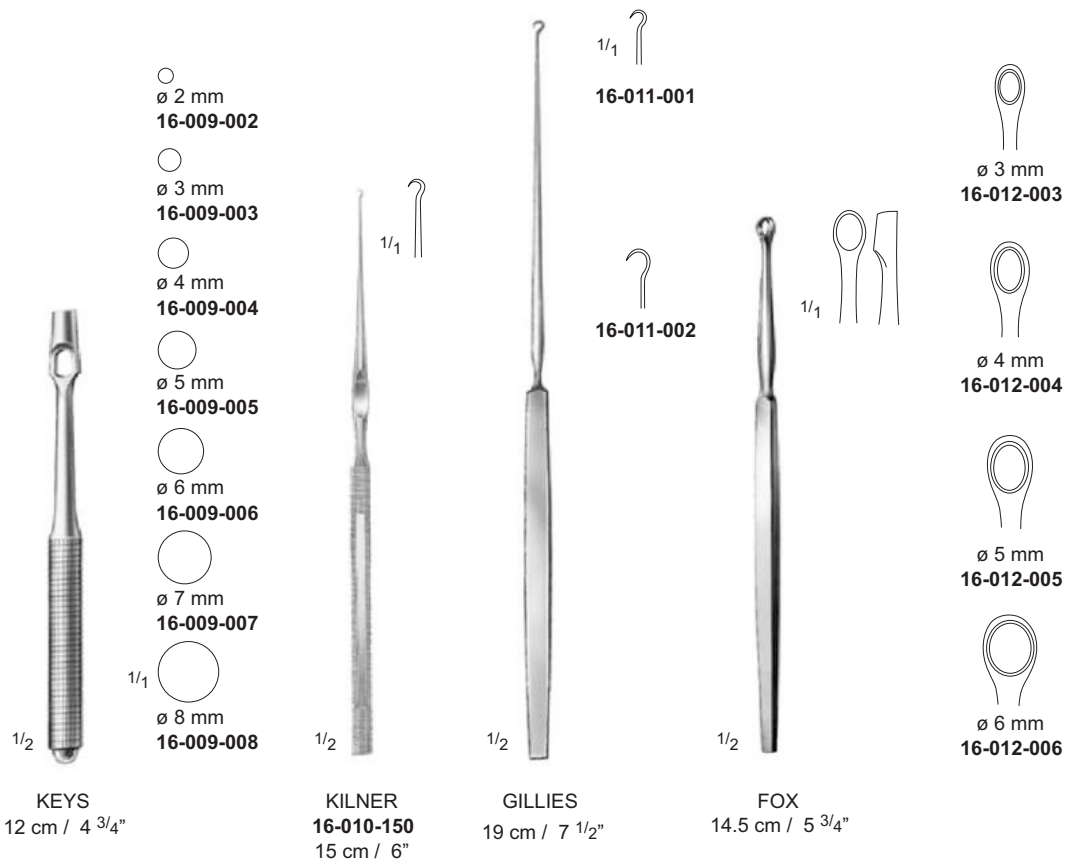
**UNNA**



1/2

**UNNA VIDAL**  
**16-008-000**

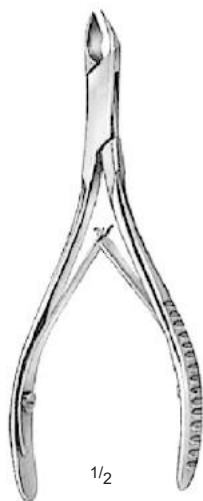
Skin Punches, Hooklets, Curettes, Nail Pulling Forceps



## Nail Scissors, Cuticle Nippers, Nail Nippers



**16-015-105**  
10.5 cm / 4 1/4"



**16-016-110** – 11 cm / 4 1/2"  
**16-016-130** – 13 cm / 5"



**TURNBULL**  
**16-017-115** – 11.5 cm / 4 1/2"  
**16-017-130** – 13 cm / 5"



**16-018-130**  
13 cm / 5"



**16-019-140** – 14 cm / 5 1/2"  
**16-019-160** – 16 cm / 6 1/4"



**16-020-140**  
14 cm / 5 1/2"



**16-021-110** – 11 cm / 4 1/2"  
**16-021-130** – 13 cm / 5"  
**16-021-150** – 15 cm / 6"

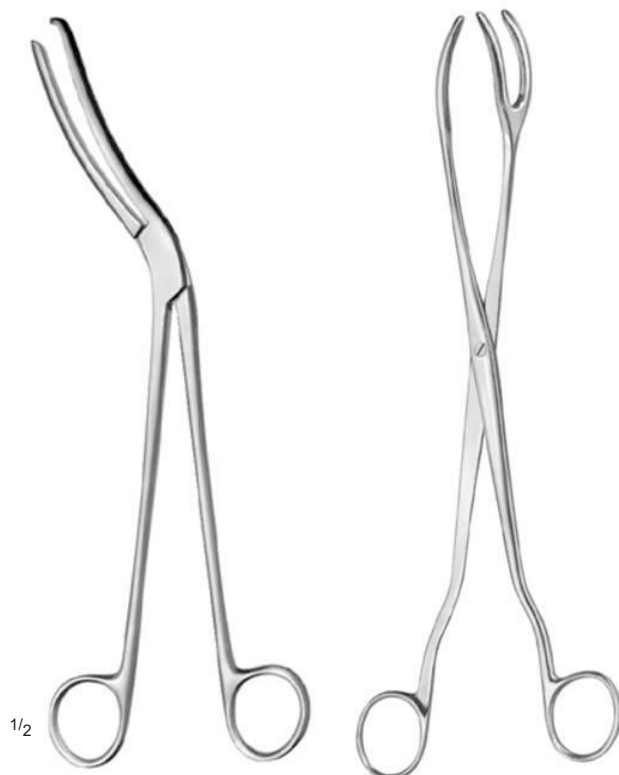


**16-022-130**  
13 cm / 5"

# STERILIZATION



## Sterilizing Forceps, Holders, Drums



1/2

**CHEATTLE**  
**17-001-270**  
27 cm / 10 1/2"

**17-002-200** – 20 cm / 8"  
**17-002-300** – 30 cm / 12"



with ball stop

**BUNT (MAYO)**  
**17-003-140**  
14 cm / 5 1/2"



**BUNT (MAYO)**  
**17-004-140**  
14 cm / 5 1/2"



Horizontal  
Ventilation

**SCHIMMELBUSCH**

|                   | Ø    | h     |
|-------------------|------|-------|
| <b>17-005-001</b> | 14 x | 14 cm |
| <b>17-005-002</b> | 16 x | 15 cm |
| <b>17-005-003</b> | 19 x | 16 cm |
| <b>17-005-004</b> | 19 x | 19 cm |
| <b>17-005-005</b> | 24 x | 12 cm |
| <b>17-005-006</b> | 24 x | 16 cm |
| <b>17-005-006</b> | 24 x | 24 cm |
| <b>17-005-007</b> | 29 x | 16 cm |
| <b>17-005-008</b> | 29 x | 24 cm |
| <b>17-005-009</b> | 34 x | 16 cm |
| <b>17-005-010</b> | 34 x | 24 cm |
| <b>17-005-011</b> | 39 x | 14 cm |
| <b>17-005-012</b> | 39 x | 19 cm |
| <b>17-005-013</b> | 39 x | 29 cm |



Vertical  
Ventilation

**KONRICH**

|                   | Ø    | h     |
|-------------------|------|-------|
| <b>17-006-001</b> | 14 x | 14 cm |
| <b>17-006-002</b> | 16 x | 15 cm |
| <b>17-006-003</b> | 19 x | 16 cm |
| <b>17-006-004</b> | 19 x | 19 cm |
| <b>17-006-005</b> | 24 x | 12 cm |
| <b>17-006-006</b> | 24 x | 16 cm |
| <b>17-006-007</b> | 24 x | 24 cm |
| <b>17-006-008</b> | 29 x | 16 cm |
| <b>17-006-009</b> | 29 x | 24 cm |
| <b>17-006-010</b> | 34 x | 16 cm |
| <b>17-006-011</b> | 34 x | 24 cm |
| <b>17-006-012</b> | 39 x | 14 cm |
| <b>17-006-013</b> | 39 x | 19 cm |
| <b>17-006-014</b> | 39 x | 29 cm |

## Instrument Trays

|                   | L     | W     | D     |
|-------------------|-------|-------|-------|
| <b>17-007-001</b> | 150 x | 100 x | 25 mm |
| <b>17-007-002</b> | 200 x | 150 x | 38 mm |
| <b>17-007-003</b> | 250 x | 200 x | 50 mm |
| <b>17-007-004</b> | 300 x | 250 x | 50 mm |
| <b>17-007-005</b> | 355 x | 305 x | 50 mm |
| <b>17-007-006</b> | 405 x | 305 x | 50 mm |
| <b>17-007-007</b> | 455 x | 355 x | 50 mm |



|                   | L     | W     | D     |
|-------------------|-------|-------|-------|
| <b>17-008-001</b> | 210 x | 160 x | 10 mm |
| <b>17-008-002</b> | 240 x | 180 x | 10 mm |
| <b>17-008-003</b> | 310 x | 150 x | 10 mm |
| <b>17-008-003</b> | 310 x | 210 x | 10 mm |
| <b>17-008-004</b> | 350 x | 240 x | 10 mm |
| <b>17-008-005</b> | 400 x | 270 x | 10 mm |
| <b>17-008-006</b> | 420 x | 280 x | 10 mm |



**17-009-000**  
ø 200 x 70 mm



**17-010-000**  
235 x 190 x 40 mm

L = Length

W = Width

D = Depth

ø = Diameter

## Cotton Wool Containers, Kidney Trays, Solution Bowls



|                   | Ø   | x | Height |
|-------------------|-----|---|--------|
| <b>17-011-001</b> | 75  | x | 60 mm  |
| <b>17-011-002</b> | 75  | x | 75 mm  |
| <b>17-011-003</b> | 100 | x | 60 mm  |
| <b>17-011-004</b> | 100 | x | 100 mm |
| <b>17-011-005</b> | 125 | x | 80 mm  |
| <b>17-011-006</b> | 125 | x | 125 mm |
| <b>17-011-007</b> | 150 | x | 150 mm |



|                   | L     | W     | D     |
|-------------------|-------|-------|-------|
| <b>17-012-001</b> | 170 x | 100 x | 35 mm |
| <b>17-012-002</b> | 200 x | 120 x | 35 mm |
| <b>17-012-003</b> | 250 x | 140 x | 40 mm |
| <b>17-012-004</b> | 275 x | 150 x | 45 mm |
| <b>17-012-005</b> | 305 x | 140 x | 50 mm |



|                   | Ø   | x | D      | Capacity |
|-------------------|-----|---|--------|----------|
| <b>17-013-001</b> | 165 | x | 60 mm  | 0.75 L   |
| <b>17-013-002</b> | 175 | x | 70 mm  | 1.0 L    |
| <b>17-013-003</b> | 220 | x | 80 mm  | 2.0 L    |
| <b>17-013-004</b> | 225 | x | 90 mm  | 2.5 L    |
| <b>17-013-005</b> | 240 | x | 110 mm | 3.0 L    |
| <b>17-013-006</b> | 275 | x | 115 mm | 4.5 L    |
| <b>17-013-007</b> | 290 | x | 125 mm | 6.0 L    |
| <b>17-013-008</b> | 310 | x | 120 mm | 6.0 L    |
| <b>17-013-009</b> | 345 | x | 125 mm | 8.5 L    |
| <b>17-013-010</b> | 380 | x | 125 mm | 11 L     |

L = Length

W = Width

D = Depth

Ø = Diameter



Round Bowls, Dressing Jars, Medicine & Sputum Cups



|            | Ø   | x | D      | Capacity |
|------------|-----|---|--------|----------|
| 17-014-001 | 167 | x | 62 mm  | 0.9 L    |
| 17-014-002 | 200 | x | 75 mm  | 1.4 L    |
| 17-014-003 | 230 | x | 82 mm  | 2.2 L    |
| 17-014-004 | 261 | x | 94 mm  | 3.0 L    |
| 17-014-005 | 292 | x | 103 mm | 4.0 L    |
| 17-014-006 | 328 | x | 111 mm | 5.7 L    |



|            | Ø   | x | Height |
|------------|-----|---|--------|
| 17-015-001 | 30  | x | 90 mm  |
| 17-015-002 | 50  | x | 100 mm |
| 17-015-003 | 50  | x | 130 mm |
| 17-015-004 | 50  | x | 175 mm |
| 17-015-005 | 75  | x | 100 mm |
| 17-015-006 | 75  | x | 130 mm |
| 17-015-007 | 75  | x | 175 mm |
| 17-015-008 | 100 | x | 175 mm |
| 17-015-009 | 100 | x | 200 mm |



17-016025  
25 cc



17-017-050  
50 cc



17-018-090  
ø 90 x 90 mm, height



17-019-080  
ø 80 x 90 mm

L = Length

W = Width

D = Depth

ø = Diameter

## Instrument Boxes

**Style A**



|                   | L     | W     | D     |
|-------------------|-------|-------|-------|
| <b>17-020-001</b> | 165 x | 90 x  | 35 mm |
| <b>17-020-002</b> | 200 x | 100 x | 35 mm |
| <b>17-020-003</b> | 200 x | 100 x | 50 mm |
| <b>17-020-004</b> | 230 x | 130 x | 50 mm |
| <b>17-020-005</b> | 260 x | 150 x | 50 mm |
| <b>17-020-006</b> | 280 x | 140 x | 60 mm |
| <b>17-020-007</b> | 300 x | 200 x | 50 mm |

**Style B**



|                   | L     | W     | D     |
|-------------------|-------|-------|-------|
| <b>17-021-001</b> | 165 x | 90 x  | 35 mm |
| <b>17-021-002</b> | 200 x | 100 x | 35 mm |
| <b>17-021-003</b> | 200 x | 100 x | 50 mm |
| <b>17-021-004</b> | 230 x | 130 x | 50 mm |
| <b>17-021-005</b> | 280 x | 140 x | 60 mm |
| <b>17-021-006</b> | 260 x | 150 x | 50 mm |
| <b>17-021-007</b> | 300 x | 200 x | 50 mm |

**Style C**



|                   | L     | W     | D     |
|-------------------|-------|-------|-------|
| <b>17-022-001</b> | 165 x | 90 x  | 35 mm |
| <b>17-022-002</b> | 180 x | 80 x  | 50 mm |
| <b>17-022-003</b> | 200 x | 100 x | 35 mm |
| <b>17-022-004</b> | 200 x | 100 x | 50 mm |
| <b>17-022-005</b> | 230 x | 130 x | 50 mm |
| <b>17-022-006</b> | 250 x | 120 x | 60 mm |
| <b>17-022-007</b> | 260 x | 180 x | 50 mm |
| <b>17-022-008</b> | 280 x | 140 x | 60 mm |
| <b>17-022-009</b> | 300 x | 200 x | 50 mm |
| <b>17-022-010</b> | 320 x | 150 x | 60 mm |
| <b>17-023-011</b> | 360 x | 160 x | 70 mm |

L = Length

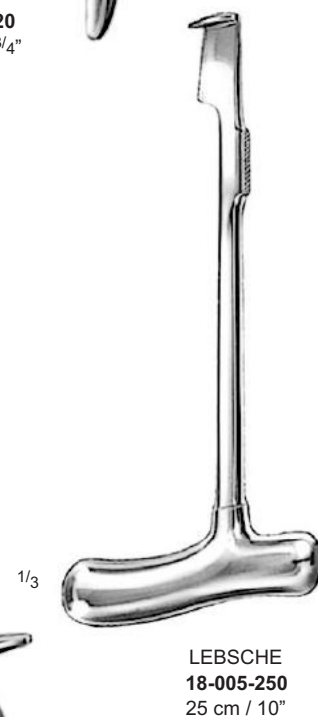
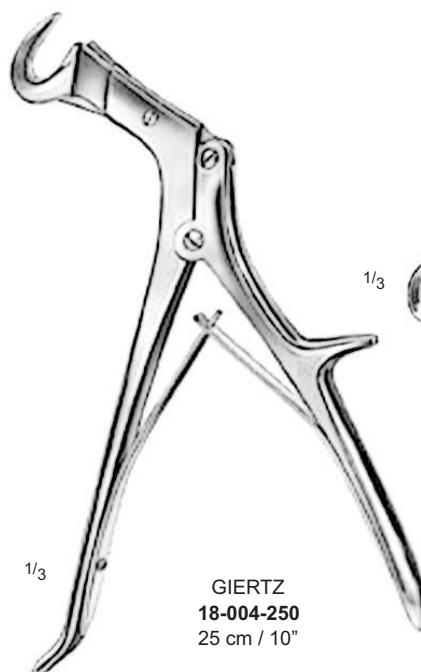
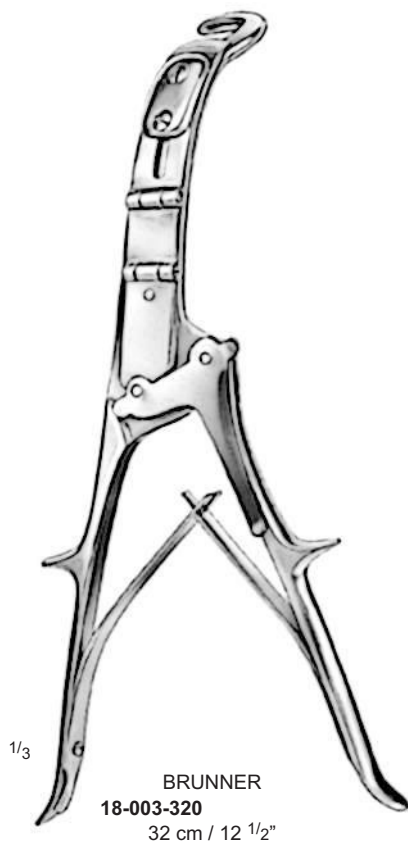
W = Width

D = Depth

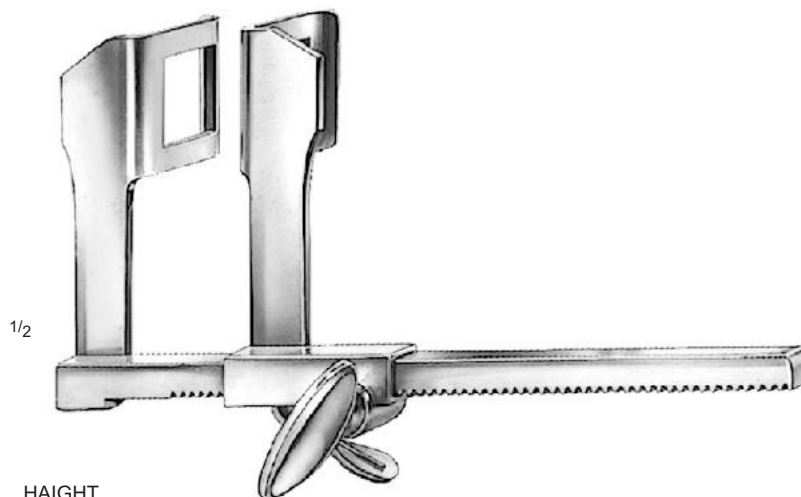
# THORACIC Instruments



Bone and Rib Shears, Sternum Cutters

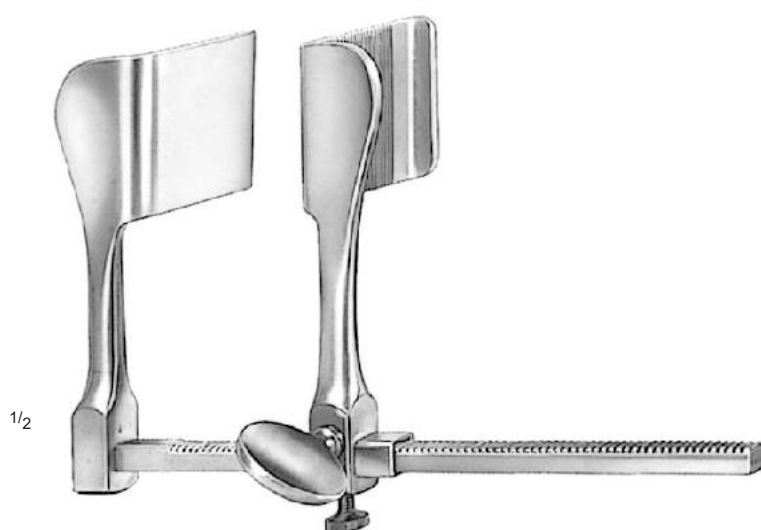
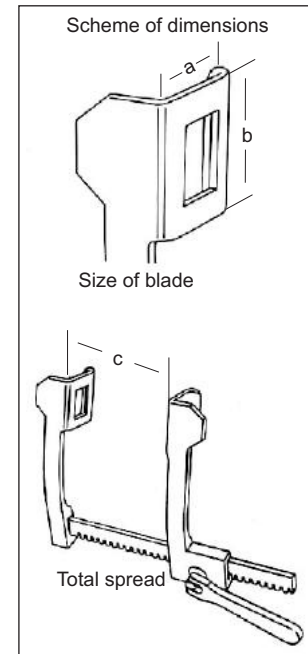


Rib Spreaders



HAIGHT

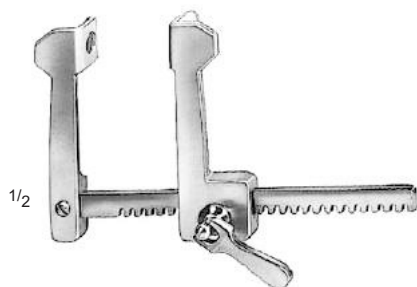
|                   | a     | b     | c             |
|-------------------|-------|-------|---------------|
| <b>18-006-000</b> | 30 mm | 30 mm | 90 m / 3 1/2" |



TUFFIER

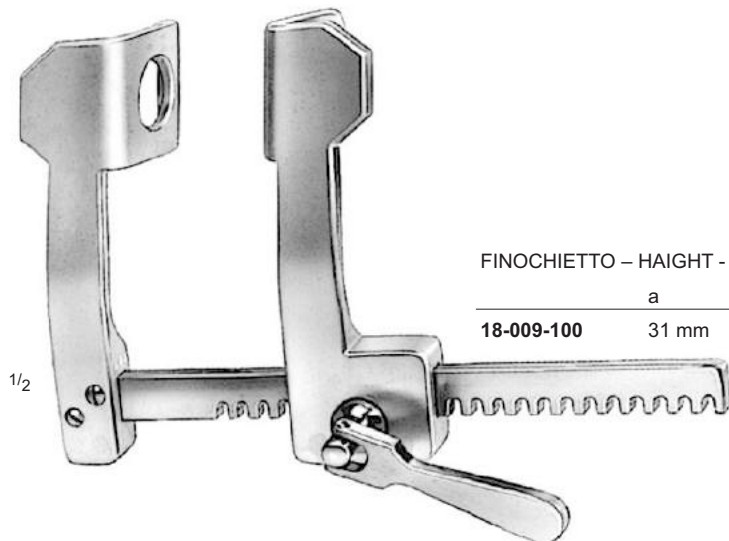
|                   | a     | b     | c               |
|-------------------|-------|-------|-----------------|
| <b>18-007-000</b> | 45 mm | 45 mm | 160 mm / 6 1/4" |

Rib Spreaders



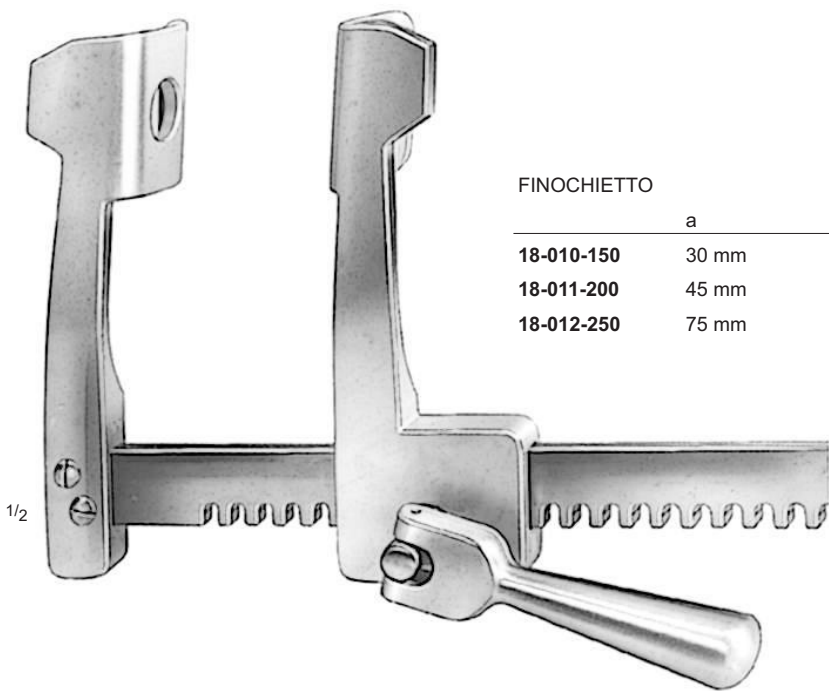
FINOCHIETTO – BABY

|            | a     | b     | c          |
|------------|-------|-------|------------|
| 18-008-075 | 15 mm | 15 mm | 75 mm / 2" |



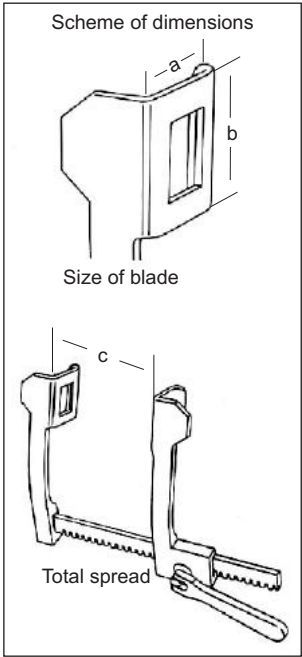
FINOCHIETTO – HAIGHT - BABY

|            | a     | b     | c           |
|------------|-------|-------|-------------|
| 18-009-100 | 31 mm | 31 mm | 100 mm / 4" |

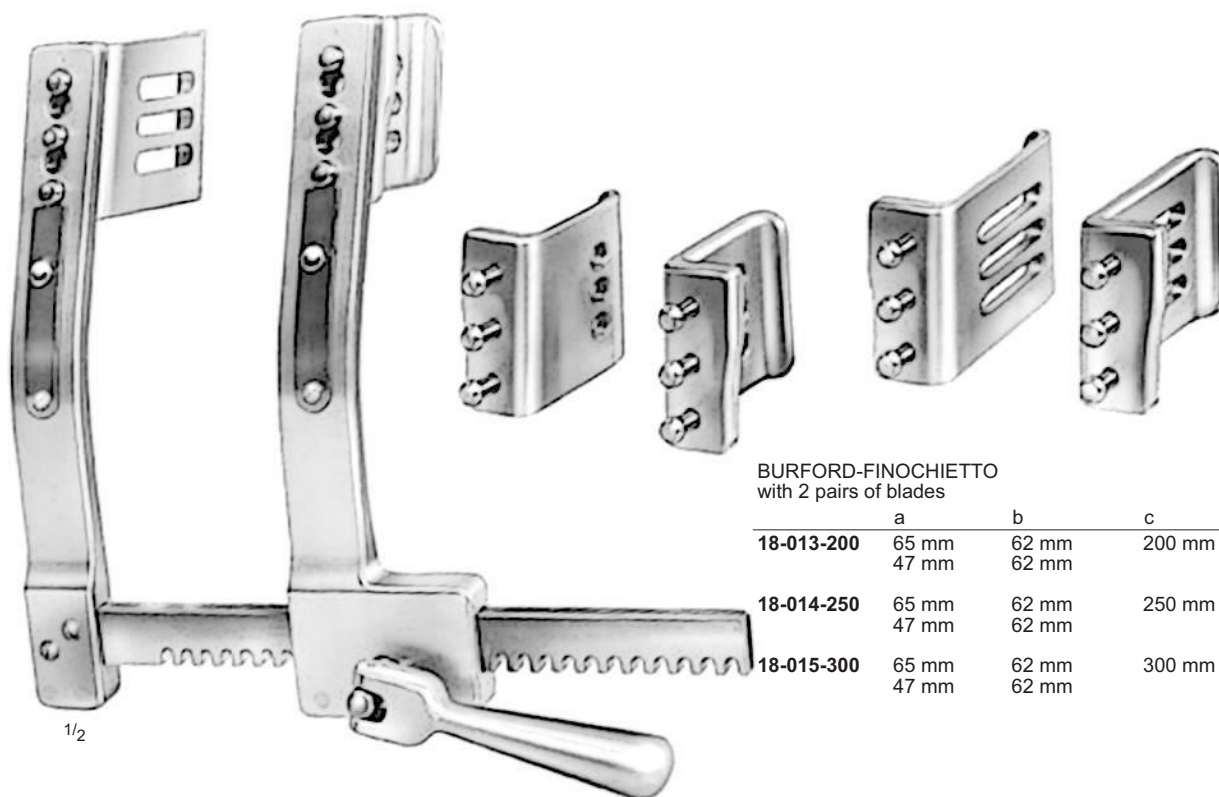


FINOCHIETTO

|            | a     | b     | c            |
|------------|-------|-------|--------------|
| 18-010-150 | 30 mm | 40 mm | 150 mm / 6"  |
| 18-011-200 | 45 mm | 65 mm | 200 mm / 8"  |
| 18-012-250 | 75 mm | 65 mm | 250 mm / 10" |

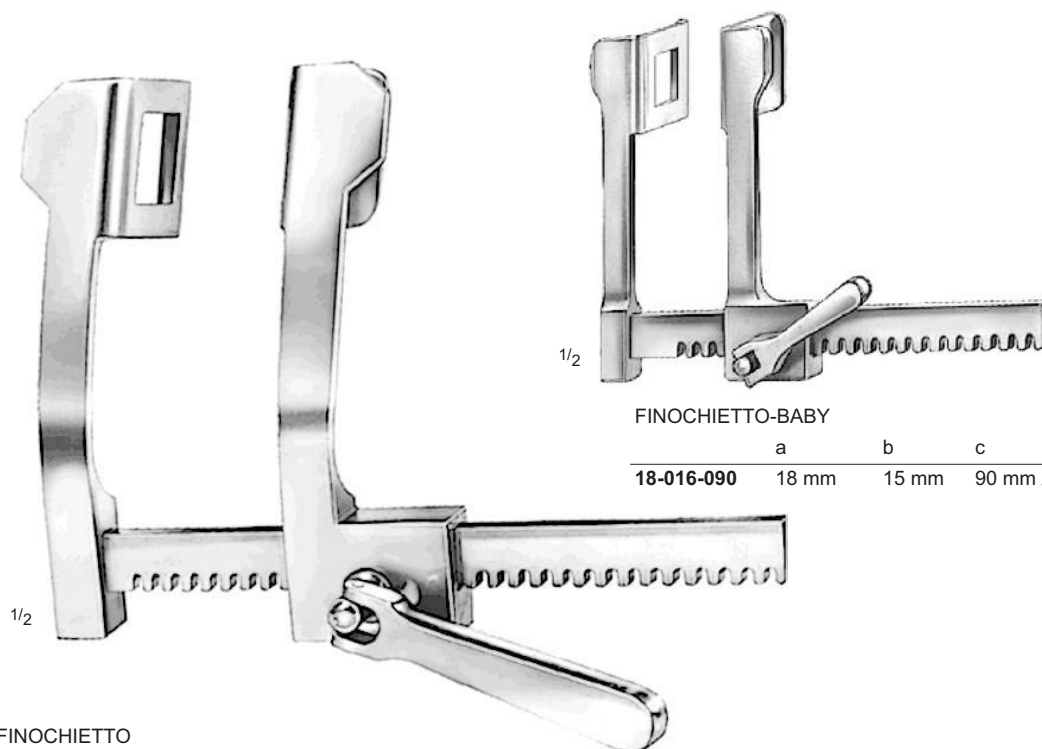


Rib Spreaders



BURFORD-FINOCHIETTO  
with 2 pairs of blades

|            | a              | b              | c            |
|------------|----------------|----------------|--------------|
| 18-013-200 | 65 mm<br>47 mm | 62 mm<br>62 mm | 200 mm / 8"  |
| 18-014-250 | 65 mm<br>47 mm | 62 mm<br>62 mm | 250 mm / 10" |
| 18-015-300 | 65 mm<br>47 mm | 62 mm<br>62 mm | 300 mm / 12" |



FINOCHIETTO-BABY

|            | a     | b     | c              |
|------------|-------|-------|----------------|
| 18-016-090 | 18 mm | 15 mm | 90 mm / 3 1/2" |

FINOCHIETTO

|            | a     | b     | c               |
|------------|-------|-------|-----------------|
| 18-017-150 | 30 mm | 45 mm | 150 mm / 6"     |
| 18-018-190 | 46 mm | 62 mm | 190 mm / 7 1/2" |
| 18-019-190 | 80 mm | 65 mm | 190 mm / 7 1/2" |



Rib Contractors, Raspatories, Lung Spatula



1/2

BAILEY  
18-020-160  
16 cm / 6 1/4"



1/2

BAILEY-GIBBON  
18-021-160  
16 cm / 6 1/4"



1/2

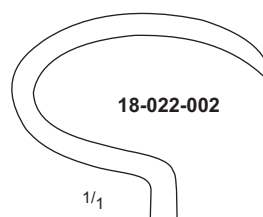
DOYEN  
17 cm / 6 1/4"



18-022-001

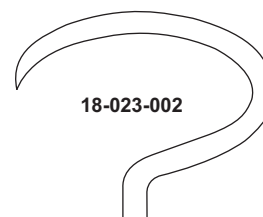


18-023-001



18-022-002

1/1



18-023-002



ALLISON  
18-023-270  
27 cm / 10 1/4"

18-023-320  
32 cm / 12 1/2"



50 x 75 mm

DAVIDSON  
18-024-050

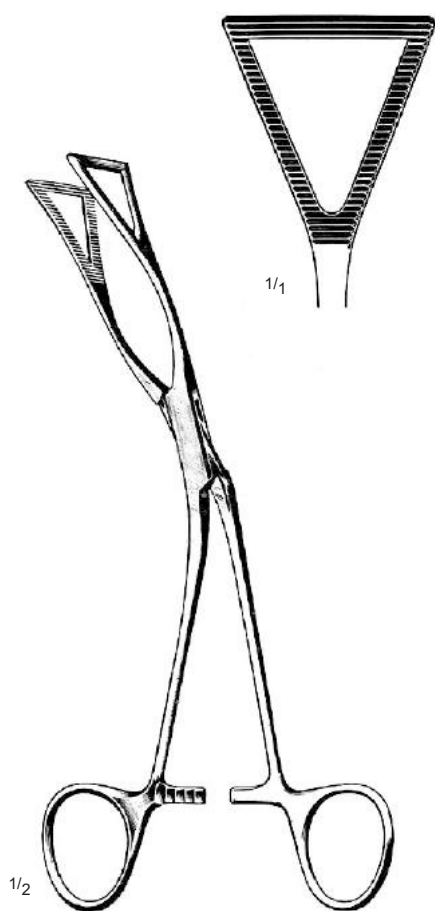


90 x 75 mm

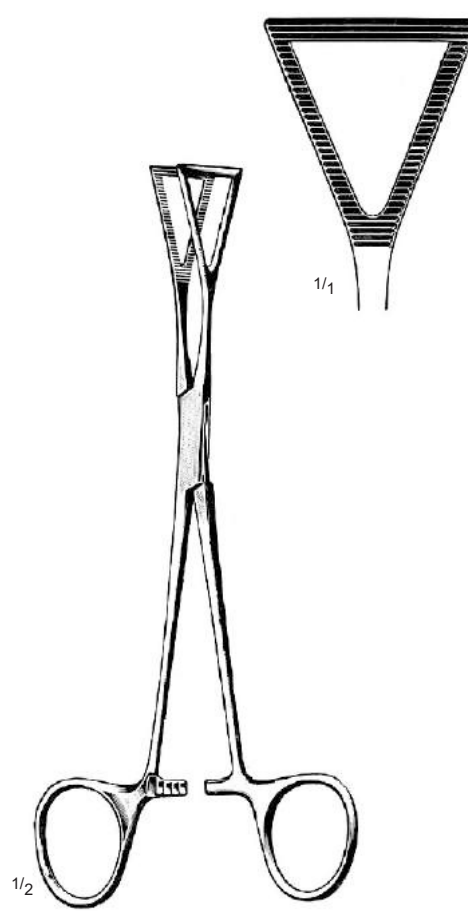
DAVIDSON  
18-025-090



Lung Grasping Forceps

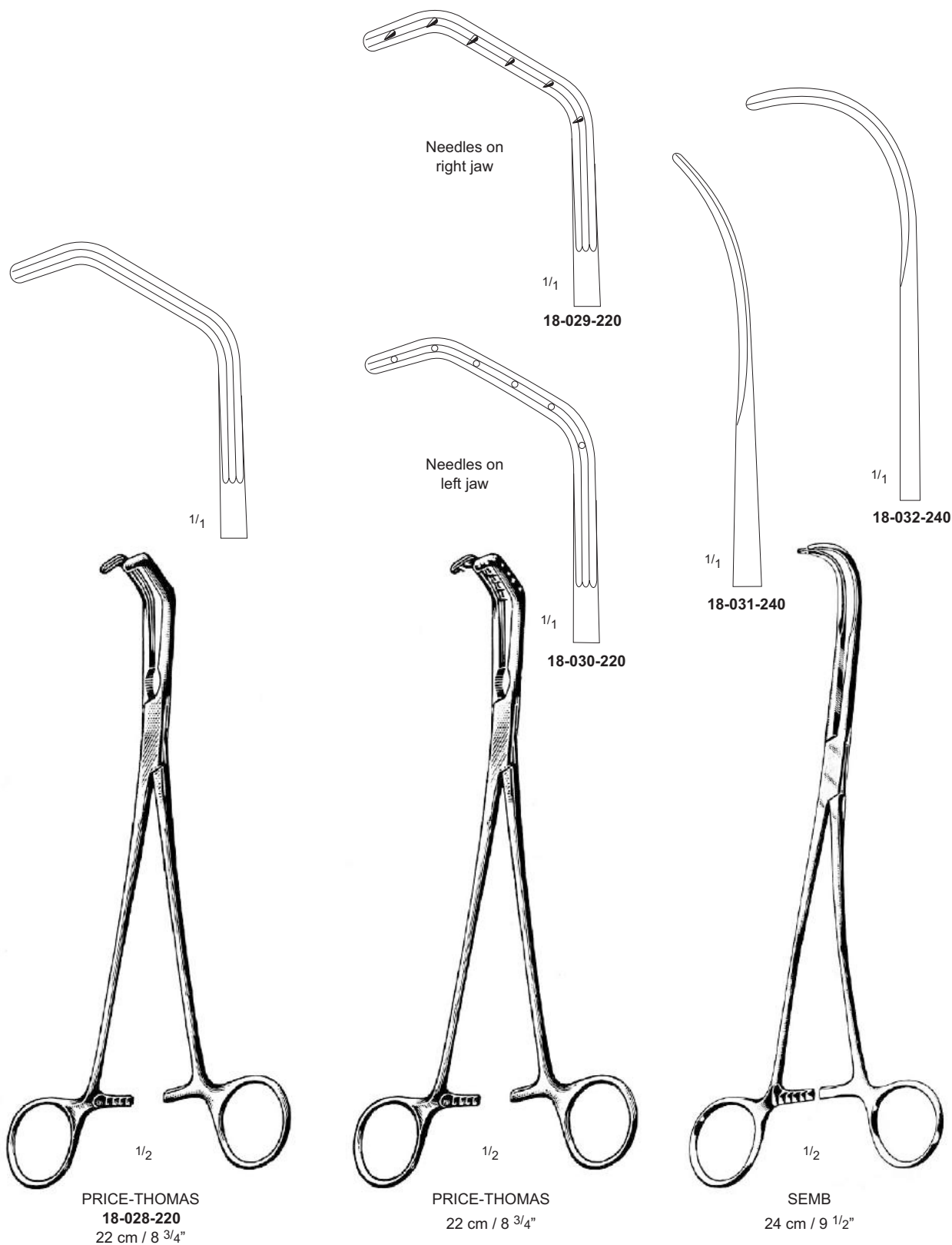


LOVELACE  
18-026-190  
19 cm / 7 1/2"



LOVELACE  
18-027-190  
19 cm / 7 1/2"

Bronchus Forceps

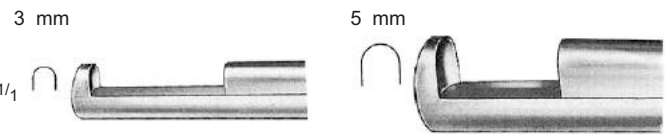


# NEUROSURGERY

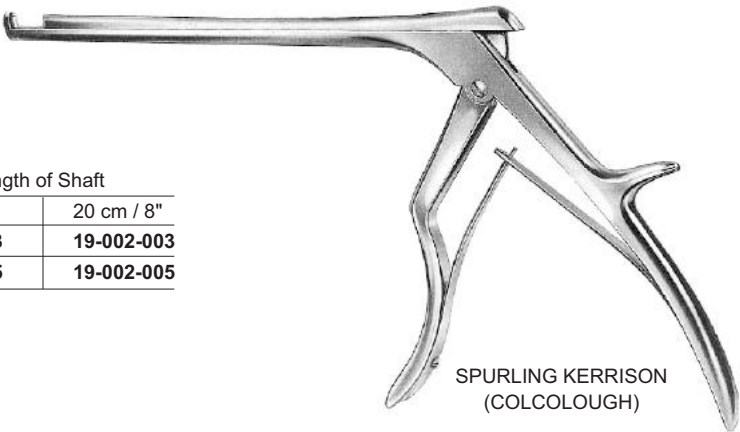


19

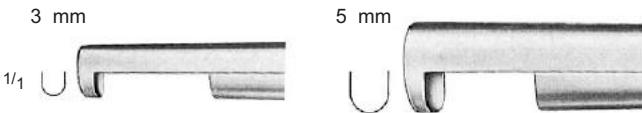
Intervertebral Disc Rongeurs



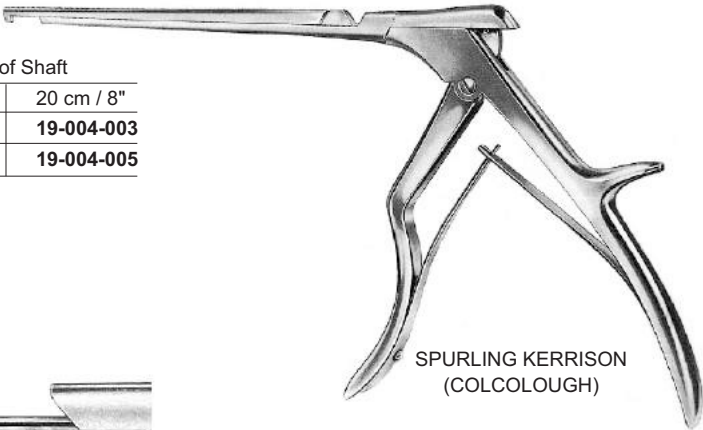
|                | Length of Shaft   |                   |
|----------------|-------------------|-------------------|
|                | 15 cm / 6"        | 20 cm / 8"        |
| Jaws 3 mm wide | <b>19-001-003</b> | <b>19-002-003</b> |
| Jaws 5 mm wide | <b>19-001-005</b> | <b>19-002-005</b> |



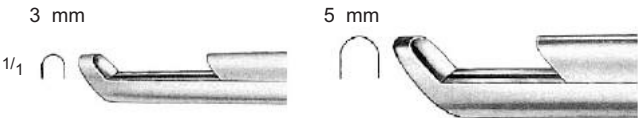
SPURLING KERRISON  
(COLCOLOUGH)



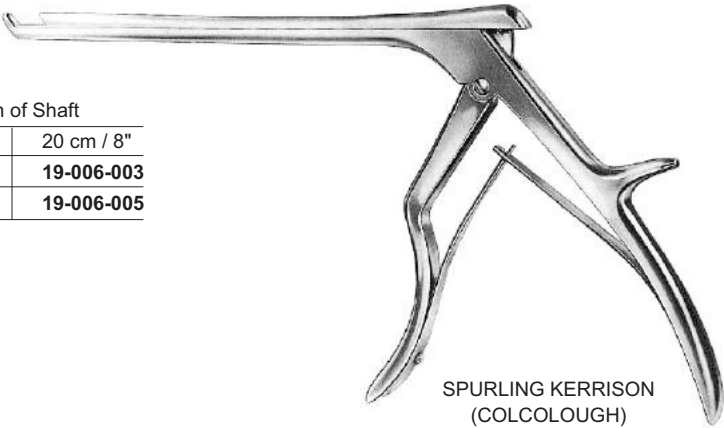
|                | Length of Shaft   |                   |
|----------------|-------------------|-------------------|
|                | 15 cm / 6"        | 20 cm / 8"        |
| Jaws 3 mm wide | <b>19-003-003</b> | <b>19-004-003</b> |
| Jaws 5 mm wide | <b>19-003-005</b> | <b>19-004-005</b> |



SPURLING KERRISON  
(COLCOLOUGH)

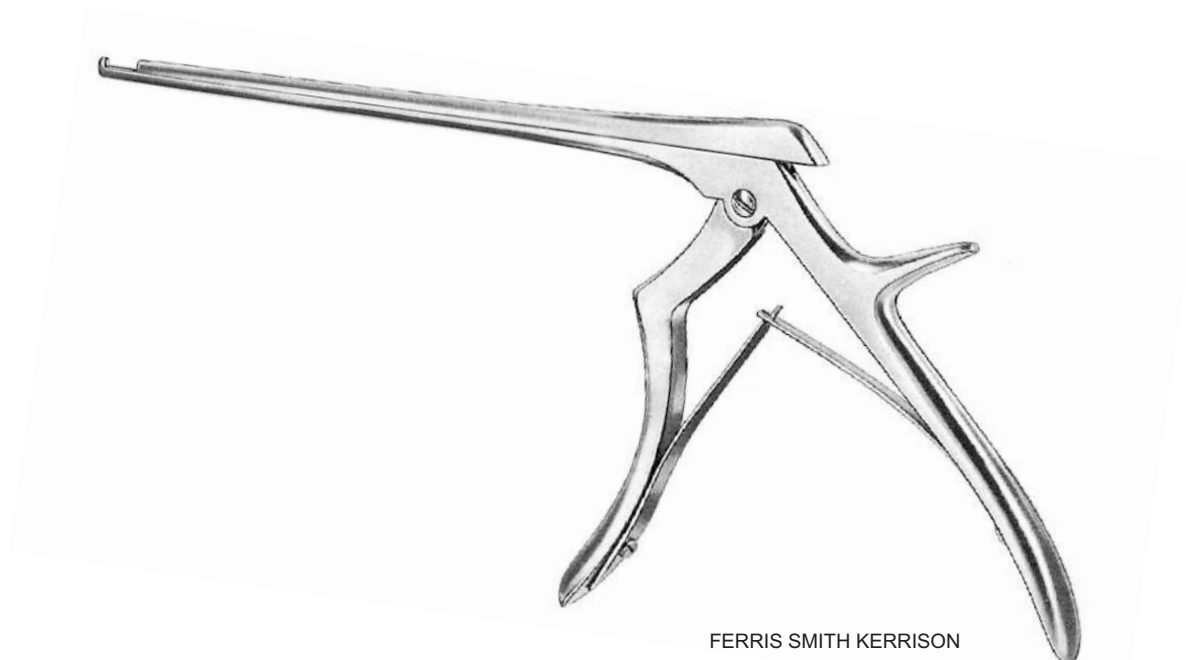


|                | Length of Shaft   |                   |
|----------------|-------------------|-------------------|
|                | 15 cm / 6"        | 20 cm / 8"        |
| Jaws 3 mm wide | <b>19-005-003</b> | <b>19-006-003</b> |
| Jaws 5 mm wide | <b>19-005-005</b> | <b>19-006-005</b> |

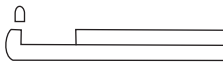
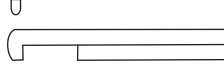
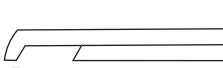
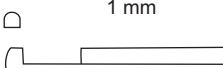
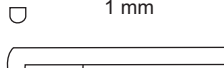
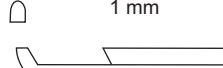
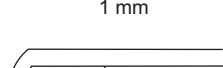
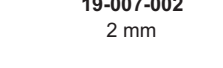
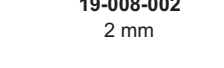
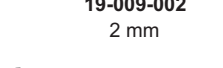
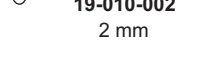
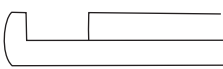
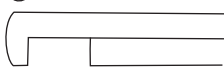
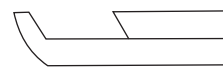
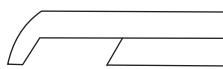
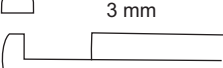
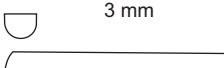
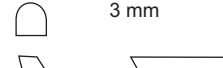
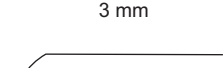
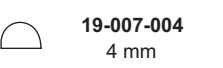
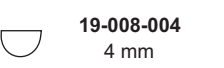


SPURLING KERRISON  
(COLCOLOUGH)

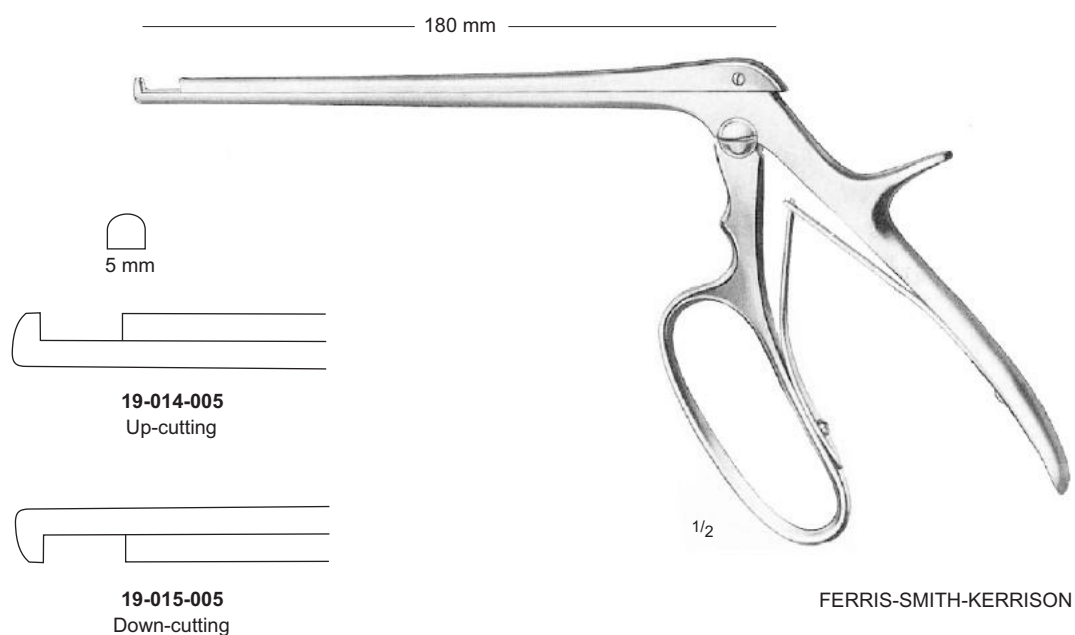
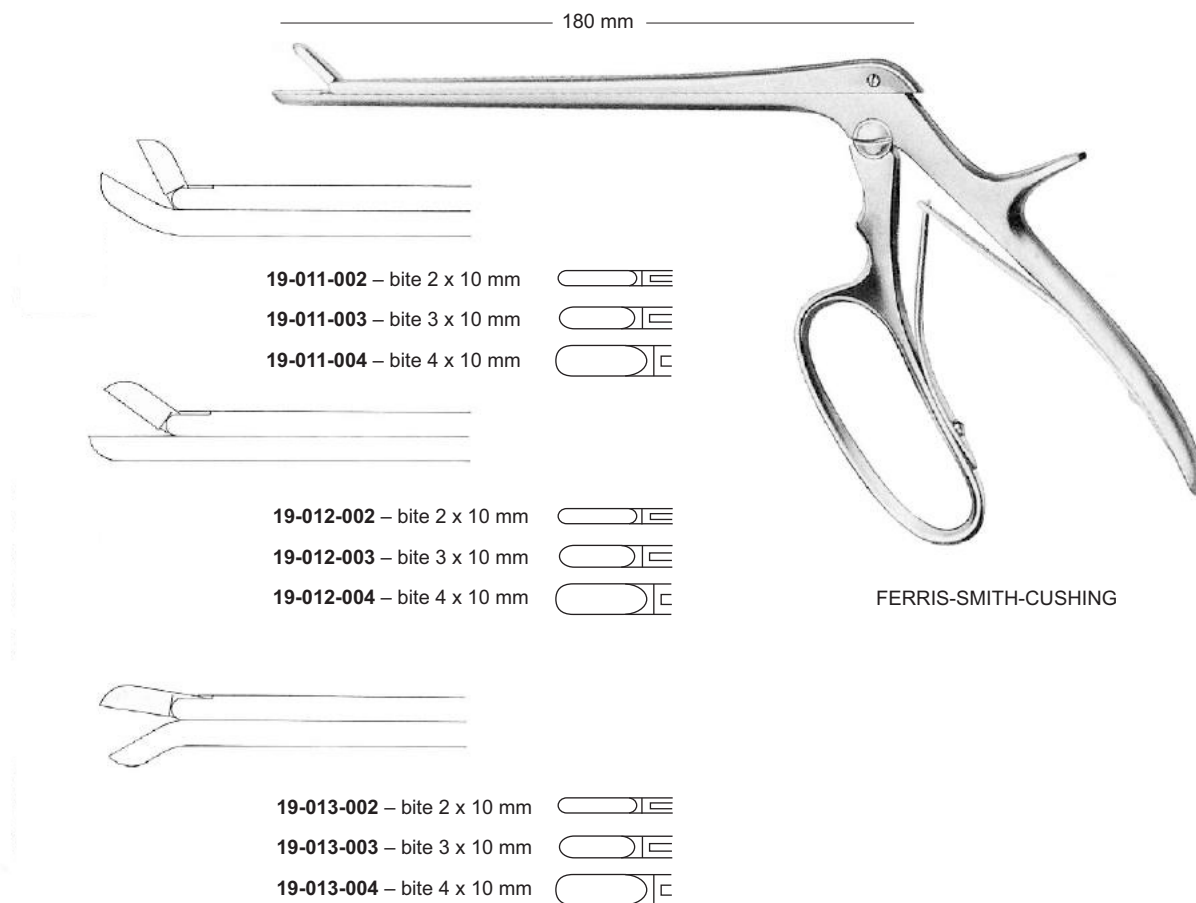
Intervertebral Disc Rongeurs



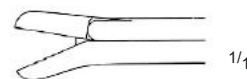
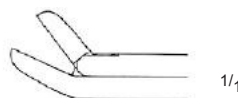
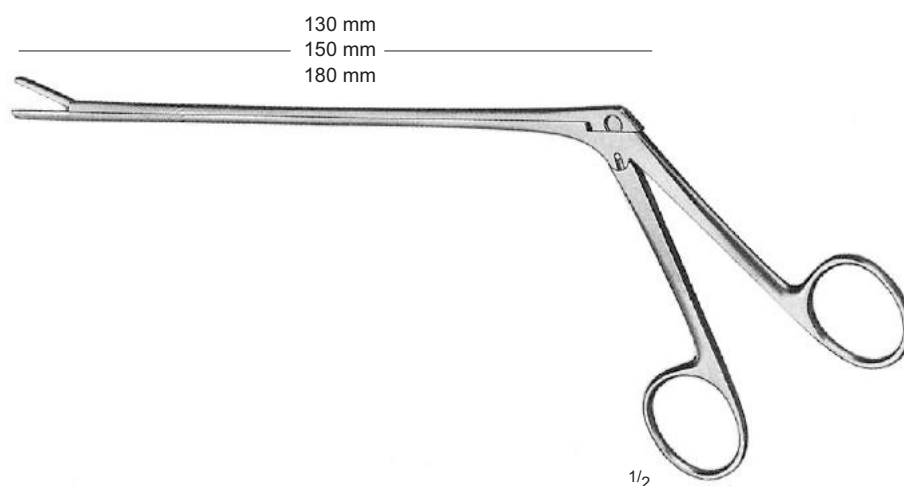
FERRIS SMITH KERRISON

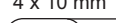
| Upwards Cutting                                                                     | Downwards Cutting                                                                   | 45° Upwards Cutting                                                                  | 45° Downward Cutting                                                                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| 19-007-001<br>1 mm                                                                  | 19-008-001<br>1 mm                                                                  | 19-009-001<br>1 mm                                                                   | 19-010-001<br>1 mm                                                                    |
|  |  |  |  |
| 19-007-002<br>2 mm                                                                  | 19-008-002<br>2 mm                                                                  | 19-009-002<br>2 mm                                                                   | 19-010-002<br>2 mm                                                                    |
|  |  |  |  |
| 19-007-003<br>3 mm                                                                  | 19-008-003<br>3 mm                                                                  | 19-009-003<br>3 mm                                                                   | 19-010-003<br>3 mm                                                                    |
|  |  |  |  |
| 19-007-004<br>4 mm                                                                  | 19-008-004<br>4 mm                                                                  | 19-009-004<br>4 mm                                                                   | 19-010-004<br>4 mm                                                                    |
|  |  |  |  |
| 19-007-005<br>5 mm                                                                  | 19-008-005<br>5 mm                                                                  | 19-009-005<br>5 mm                                                                   | 19-010-005<br>5 mm                                                                    |
|  |  |  |  |
| 19-007-006<br>6 mm                                                                  | 19-009-006<br>6 mm                                                                  | 19-009-006<br>6 mm                                                                   | 19-010-006<br>6 mm                                                                    |

## Antrum Punch Forceps

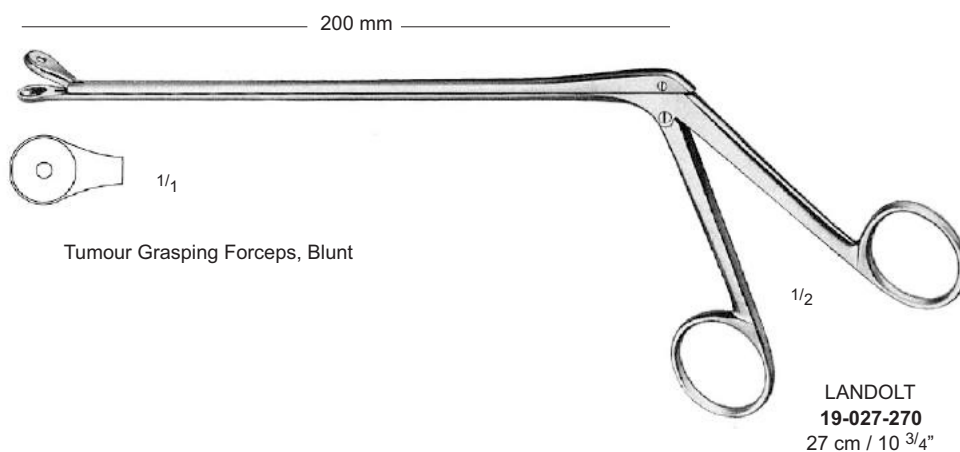
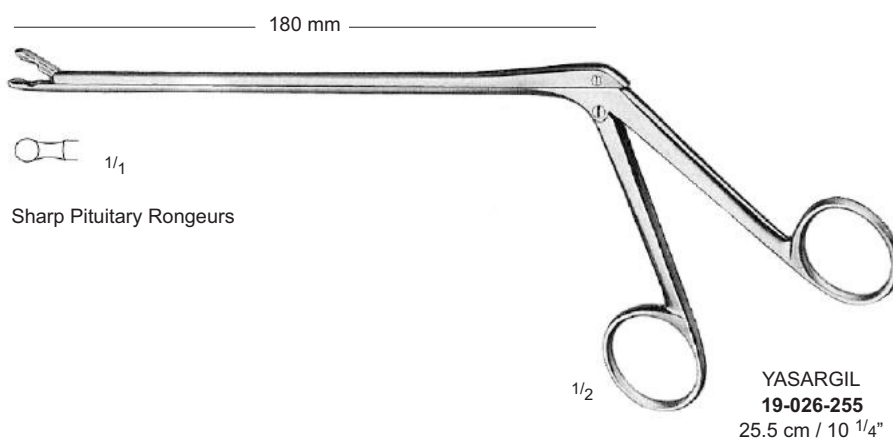
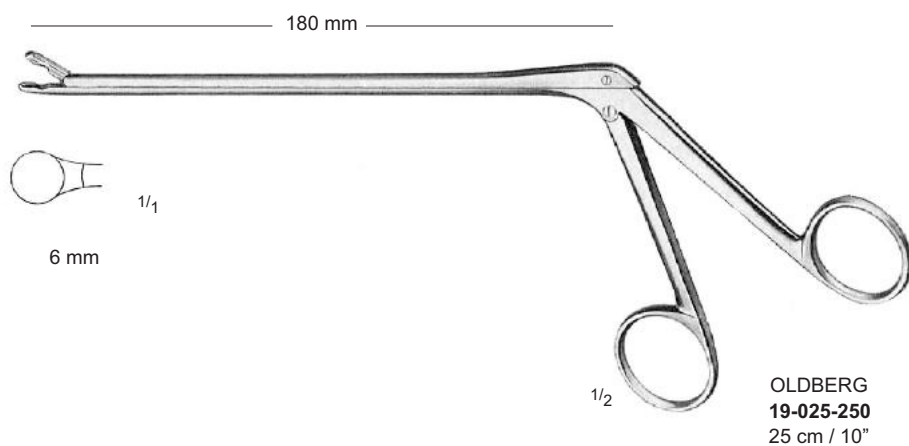


## Laminectomy Rongeurs



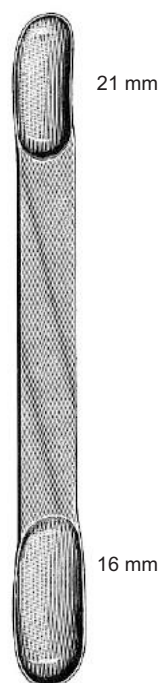
|                                                                                                                           | Shaft Size                                   | Straight                                                    | Upward                                                      | Downwards                                                   |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| <b>CUSHING</b><br>2 x 10 mm<br>        | 13.0 cm / 5"<br>15.0 cm / 6"<br>18.0 cm / 7" | <b>19-016-130</b><br><b>19-016-150</b><br><b>19-016-180</b> | <b>19-019-130</b><br><b>19-019-150</b><br><b>19-019-180</b> | <b>19-022-130</b><br><b>19-022-150</b><br><b>19-022-180</b> |
| <b>LOVE-GRUENWALD</b><br>3 x 10 mm<br> | 13.0 cm / 5"<br>15.0 cm / 6"<br>18.0 cm / 7" | <b>19-017-130</b><br><b>19-017-150</b><br><b>19-017-180</b> | <b>19-020-130</b><br><b>19-020-150</b><br><b>19-020-180</b> | <b>19-023-130</b><br><b>19-023-150</b><br><b>19-023-180</b> |
| <b>SPURLING</b><br>4 x 10 mm<br>       | 13.0 cm / 5"<br>15.0 cm / 6"<br>18.0 cm / 7" | <b>19-018-130</b><br><b>19-018-150</b><br><b>19-018-180</b> | <b>19-021-130</b><br><b>19-021-150</b><br><b>19-021-180</b> | <b>19-024-130</b><br><b>19-024-150</b><br><b>19-024-180</b> |

## Laminectomy Rongeurs

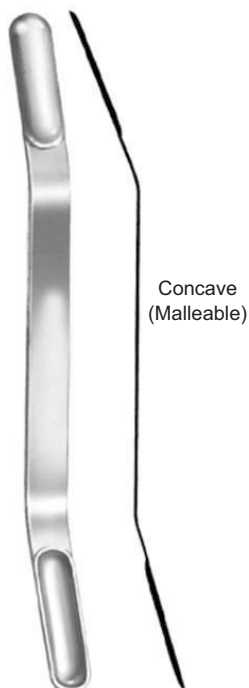




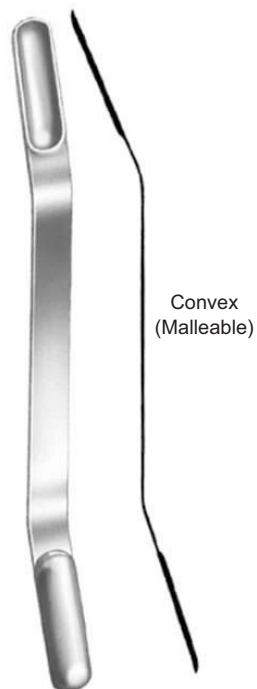
Brain Spatulas, Dura Dissectors



**CUSHING**  
19-028-170 – 17 cm / 6<sup>3</sup>/<sub>4</sub>"  
19-028-200 – 20 cm / 8"



**OILVECRONA**  
18 cm (7 1/8")  
19-029-001 – 7 + 9 mm  
19-029-002 – 11 + 13 mm  
19-029-003 – 15 + 18 mm  
19-029-004 – 18 + 22 mm



**OILVECRONA**  
18 cm (7 1/8")  
19-030-001 – 7 + 9 mm  
19-030-002 – 11 + 13 mm  
19-030-003 – 15 + 18 mm  
19-030-004 – 18 + 22 mm



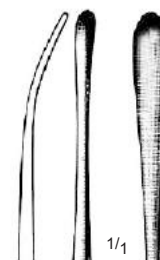
**FRAZIER**  
19-031-150  
15 cm / 6"



**HOEN**  
19-032-150  
15 cm / 6"

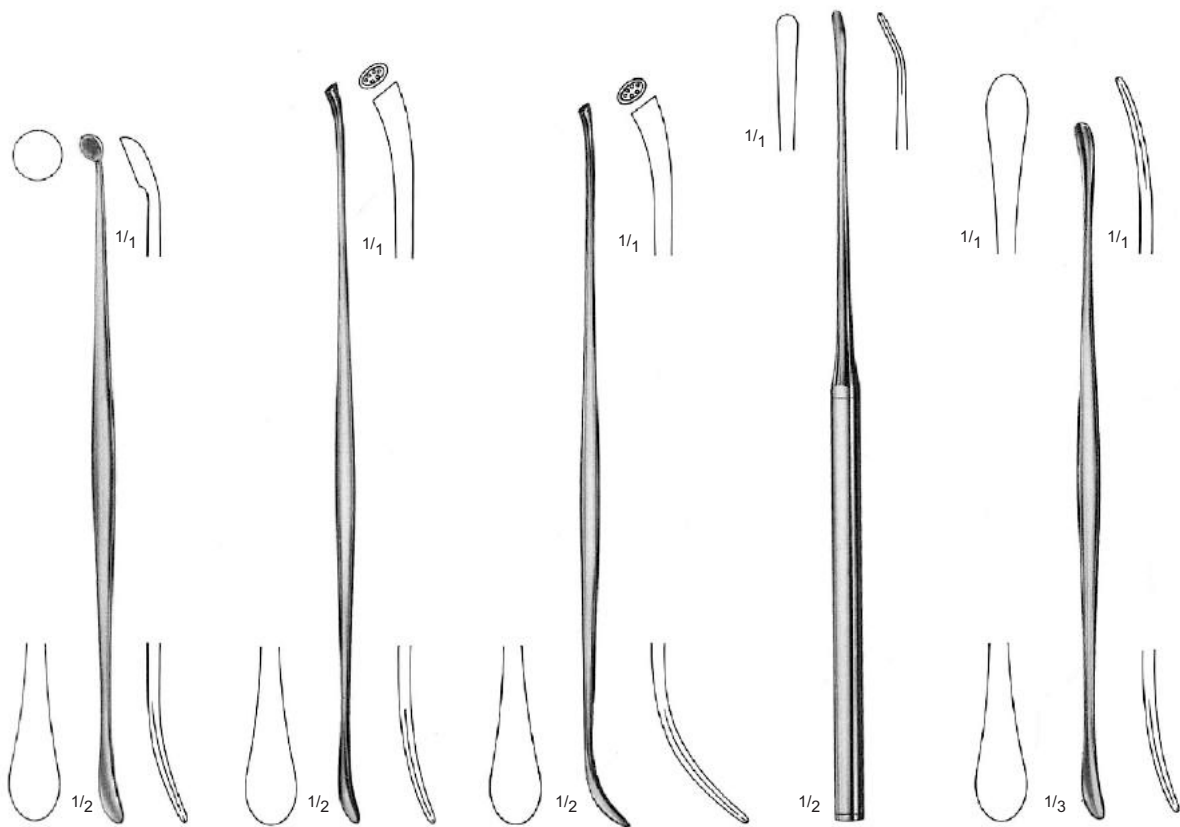


**HOEN**  
19-033-150  
15 cm / 6"



**DAVIS**  
19-034-245  
24.5 cm / 9 3/4"

## Dura Dissectors



PENFIELD  
**19-035-175**  
Fig. 1  
17.5 cm / 7"

PENFIELD  
**19-036-195**  
Fig. 2  
19.5 cm / 7 3/4"

PENFIELD  
**19-037-195**  
Fig. 3  
19.5 cm / 7 3/4"

PENFIELD  
**19-038-215**  
Fig. 4  
21.5 cm / 8 1/2"

PENFIELD  
**19-039-290**  
Fig. 5  
29 cm / 11 1/2"

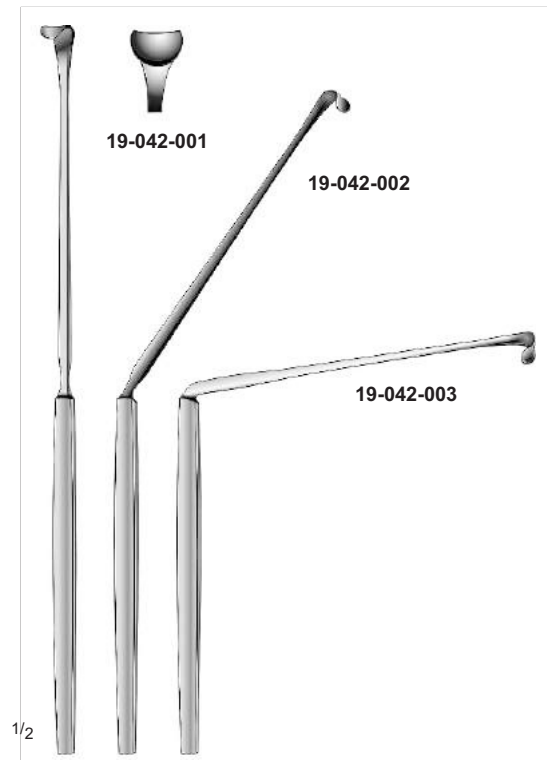
Nerve Root Retractors



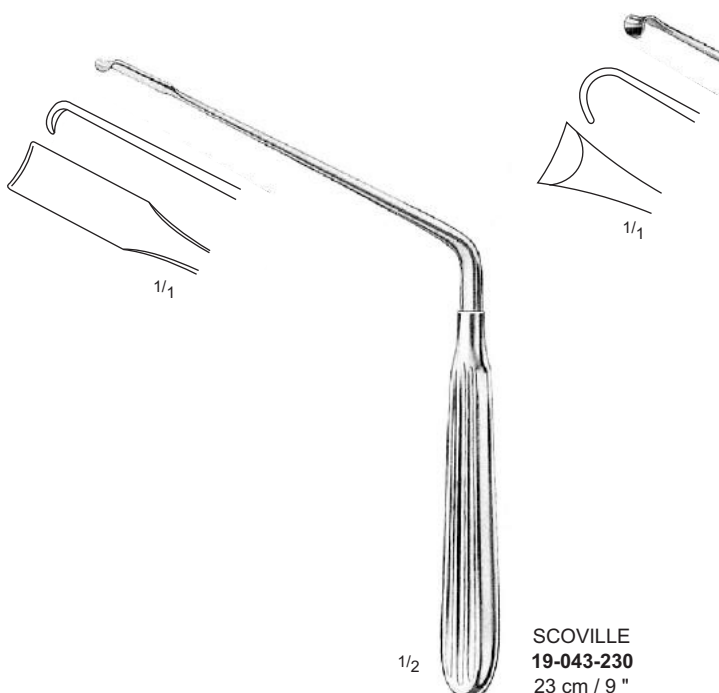
SCOVILLE  
19-040-230  
23 cm / 9"



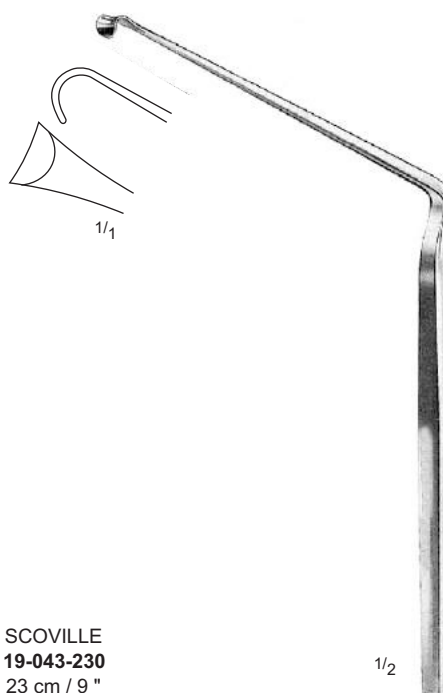
HOLSHER  
19-041-240  
24 cm / 9 1/2"



LOVE



SCOVILLE  
19-043-230  
23 cm / 9"

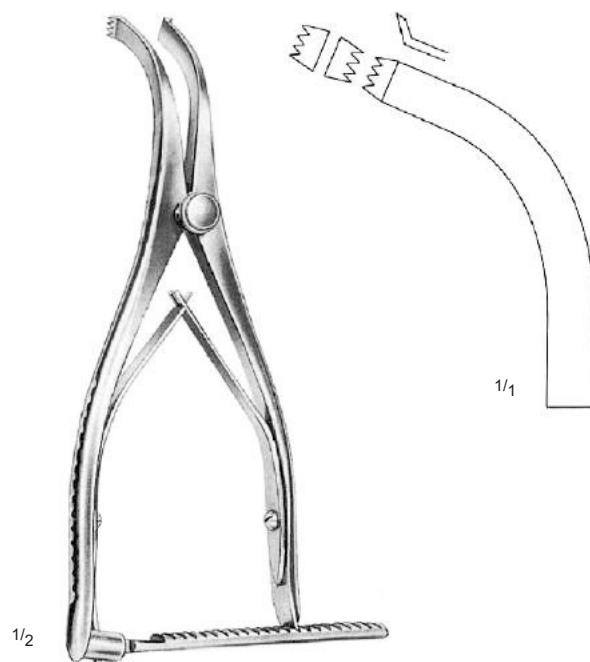


PROFESSIONAL  
19-044-210  
21 cm / 8 1/4"

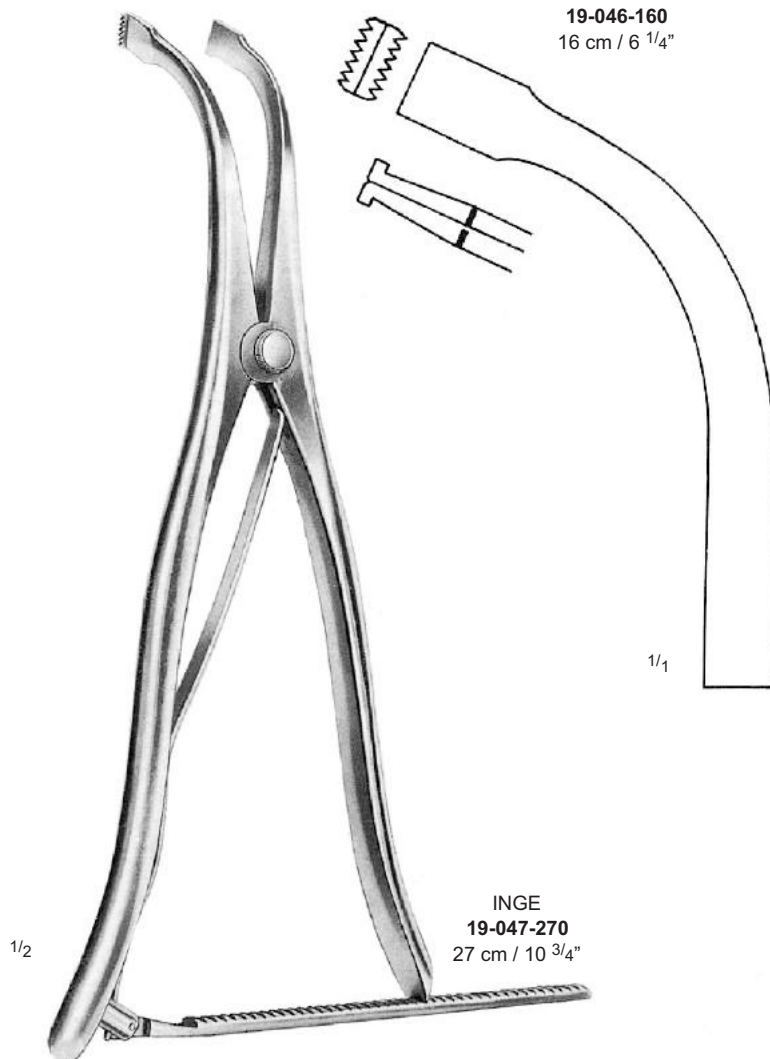
## Lamina Spreaders



CLOWARD  
19-045-160  
16 cm / 6 1/4"



INGE  
19-046-160  
16 cm / 6 1/4"



INGE  
19-047-270  
27 cm / 10 3/4"

Traction Tongs, Cranial Drills



CRUTCHFIELD  
19-048-000



CRUTCHFIELD  
19-049-000



19-050-035  
ø 3.5 mm



19-051-005  
ø 5 mm

EXTENSION PIECE  
ONLY  
19-052-000



19-053-009  
ø 9 mm



19-053-014  
ø 14 mm



19-053-016  
ø 16 mm



19-053-022  
ø 22 mm



BRACE ONLY  
19-054-000

HUDSON  
Cranial Drill  
Complete with 4  
burs No.,



CUSHING  
19-055-013  
ø 13 mm

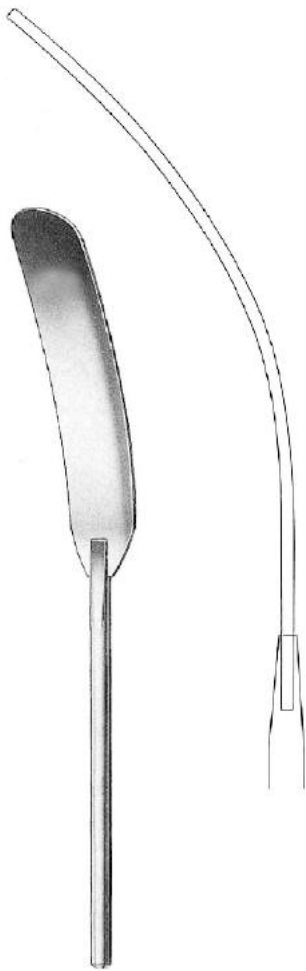


McKENZIE  
19-056-013  
ø 13 mm



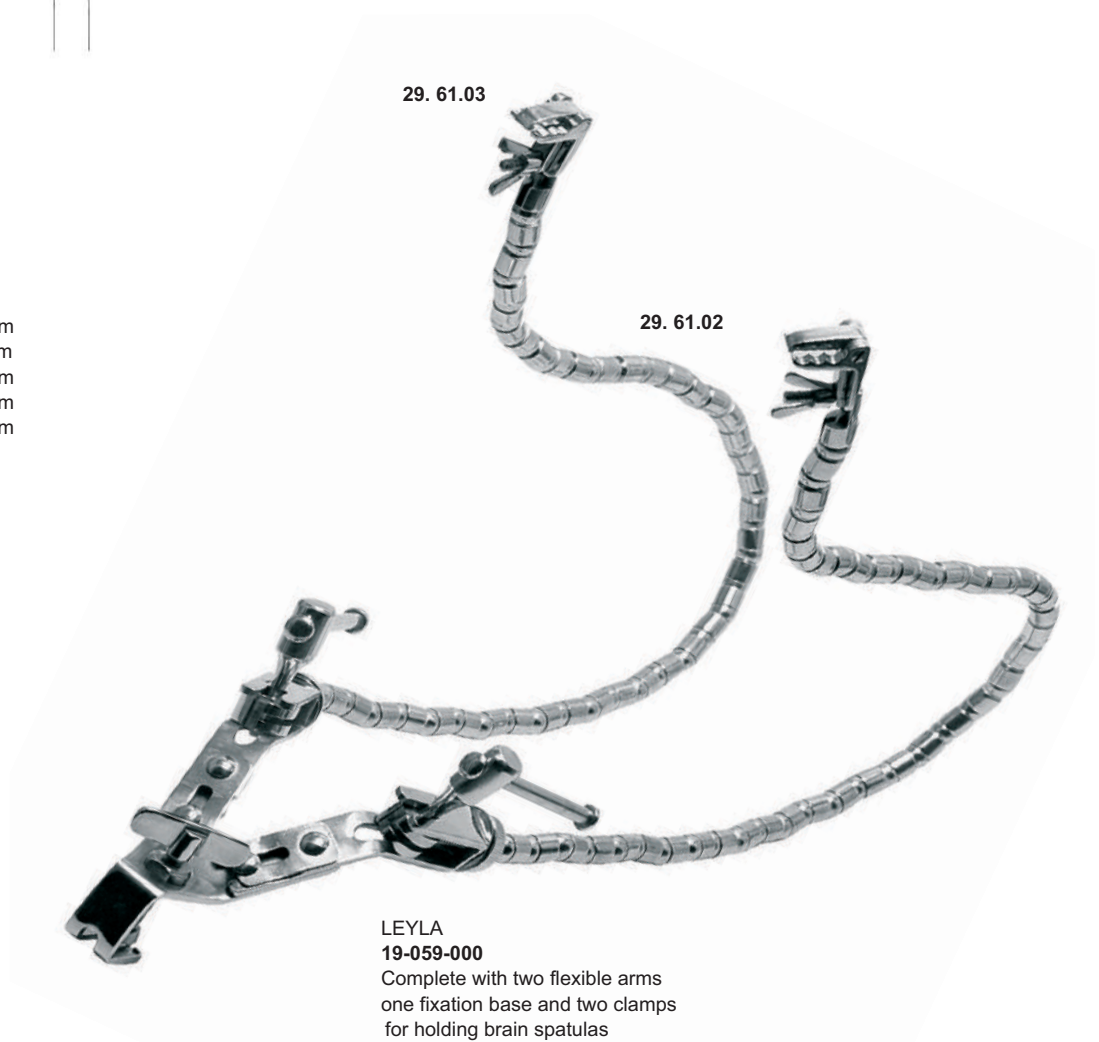
D'ERRICO  
19-057-016  
ø 16 mm

## Brain Retractors, Spatulas



**HEIFETZ**  
20 cm / 8"

**19-058-008** 8 mm  
**19-058-011** 11 mm  
**19-058-014** 14 mm  
**19-058-017** 17 mm  
**19-058-020** 20 mm



**29. 61.03**

**29. 61.02**

**LEYLA**  
**19-059-000**  
Complete with two flexible arms  
one fixation base and two clamps  
for holding brain spatulas

# UROLOGY Instruments



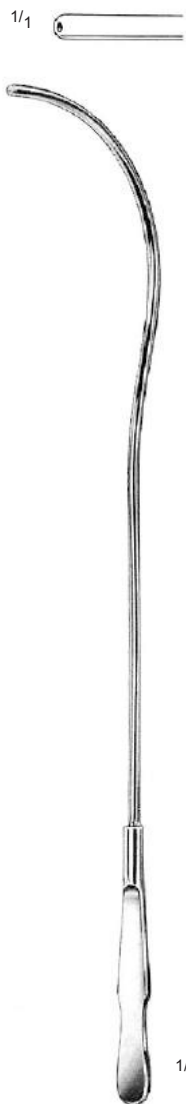
20

Urethral Sounds, Metal Catheters



VAN BUREN  
27.5 cm / 11"  
Charrier (French)  
No. (8-30)

| CHARRIERE<br>(French) |               |            |
|-----------------------|---------------|------------|
| VAN BUREN             | GUYON         |            |
| 20-001-008            | 8             | —          |
| 20-001-010            | 10            | 20-002-010 |
|                       | 11            | 20-002-011 |
| 20-001-012            | 12            | 20-002-012 |
|                       | 13            | 20-002-013 |
| 20-001-014            | 14            | 20-002-014 |
|                       | 15            | 20-002-015 |
| 20-001-016            | 16            | 20-002-016 |
|                       | 17            | 20-002-017 |
| 20-001-018            | 18            | 20-002-018 |
|                       | 19            | 20-002-019 |
| 20-001-020            | 20            | 20-002-020 |
|                       | 21            | 20-002-021 |
| 20-001-022            | 22            | 20-002-022 |
|                       | 23            | 20-002-023 |
| 20-001-024            | 24            | 20-002-024 |
|                       | 25            | 20-002-025 |
| 20-001-026            | 26            | 20-002-026 |
|                       | 27            | 20-002-027 |
| 20-001-028            | 28            | 20-002-028 |
|                       | 29            | 20-002-029 |
| 20-001-030            | 30            | 20-002-030 |
| 20-003-000            | 20-004-000    |            |
| (Set of 12, pcs)      | (Set 21, pcs) |            |



GUYON  
27.5 cm / 11"  
Charrier (French)  
No. (14. 30)



Charrier (French)  
No. 6-16,  
16 cm / 6 1/4"

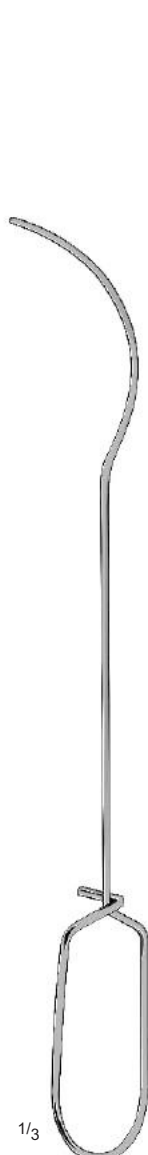
| Charriere<br>(French) |      |
|-----------------------|------|
| 20-005-006            | — 6  |
| 20-005-008            | — 8  |
| 20-005-010            | — 10 |
| 20-005-012            | — 12 |
| 20-005-013            | — 13 |
| 20-005-014            | — 14 |
| 20-005-015            | — 15 |
| 20-005-016            | — 16 |



Catheter Guides



GUYON  
20-006-360  
36 cm / 14 1/4"



GUYON  
20-007-360  
36 cm / 14 1/4"



DITTEL  
20-008-390  
39 cm / 15 1/2"

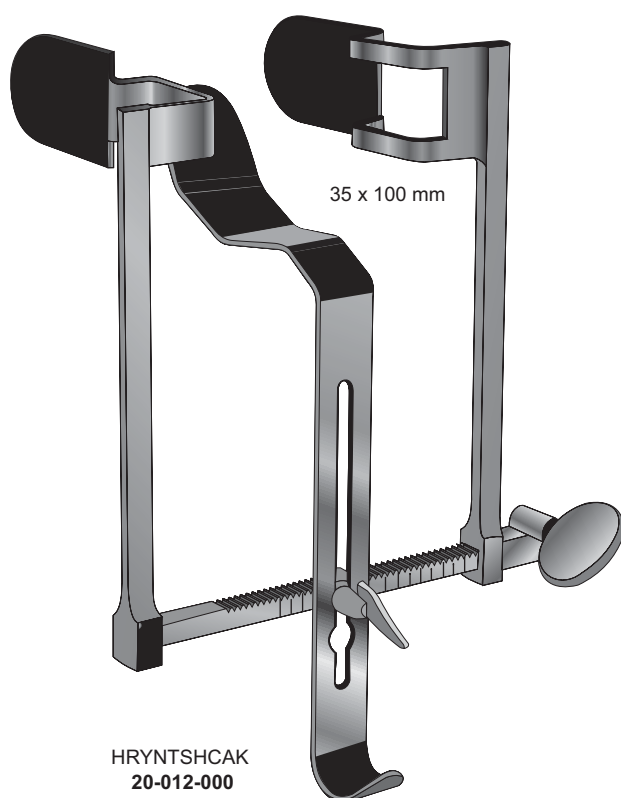
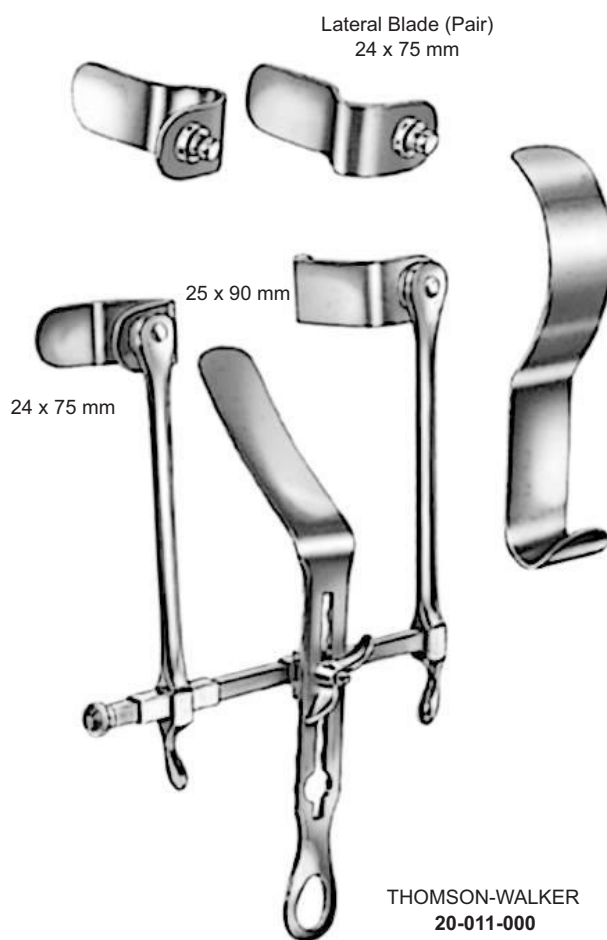


20-009-390  
39 cm / 15 1/2"

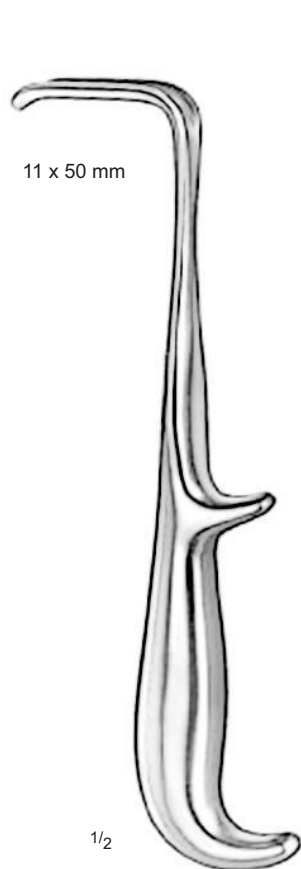
## Bladder Spatula & Retractors



LEGUEU  
20-010-270  
27 cm / 10 1/2"



Prostatic Retractors, Prostatic Instruments



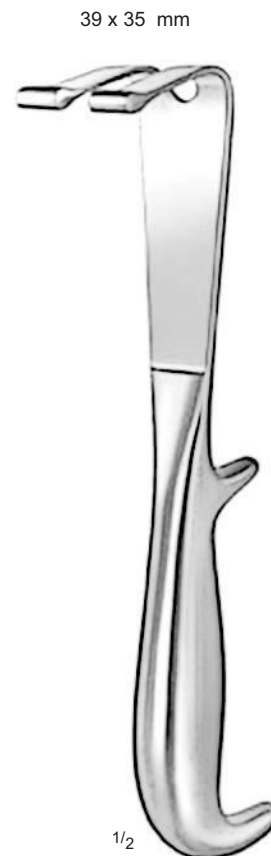
YOUNG  
20-013-210  
21 cm / 8 1/4"



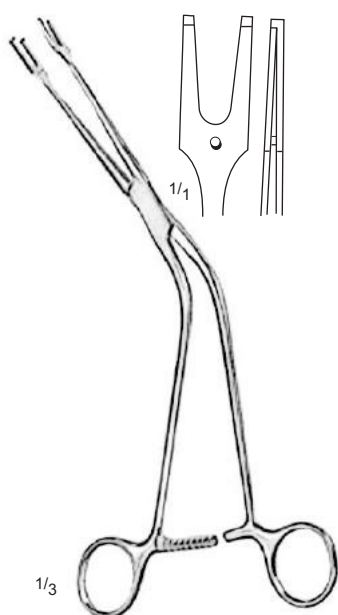
YOUNG  
20-014-220  
22 cm / 8 3/4"



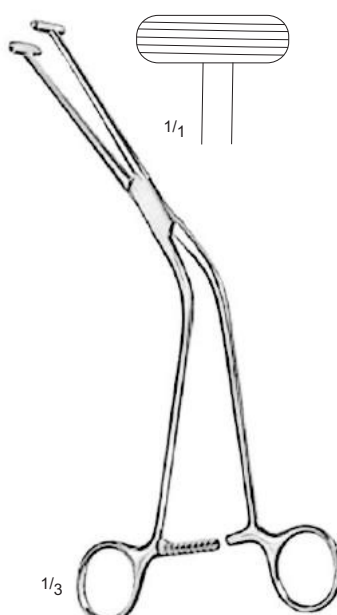
YOUNG  
20-015-210  
21 cm / 8 1/4"



YOUNG  
20-016-220  
22 cm / 8 3/4"



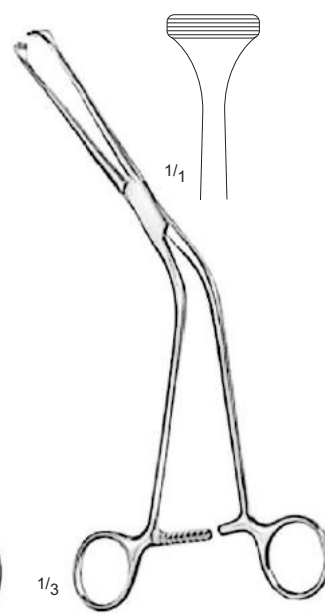
MILLIN  
20-017-240  
24 cm / 9 1/2"



MILLIN  
20-018-230  
23 cm / 9"



MILLIN  
20-019-230  
23 cm / 9"



MILLIN  
20-020-230  
23 cm / 9"

Bladder Neck Spreader, Meatus Clamps, Foreign Body Forceps



1/2

**MILLIN**  
**20-021-280**  
28 cm / 11"



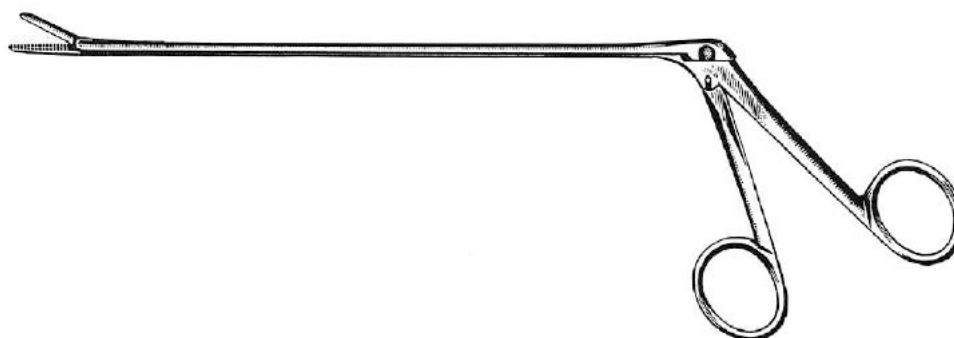
1/2

**STRAUSS**  
**20-022-120**  
12 cm / 4 3/4"



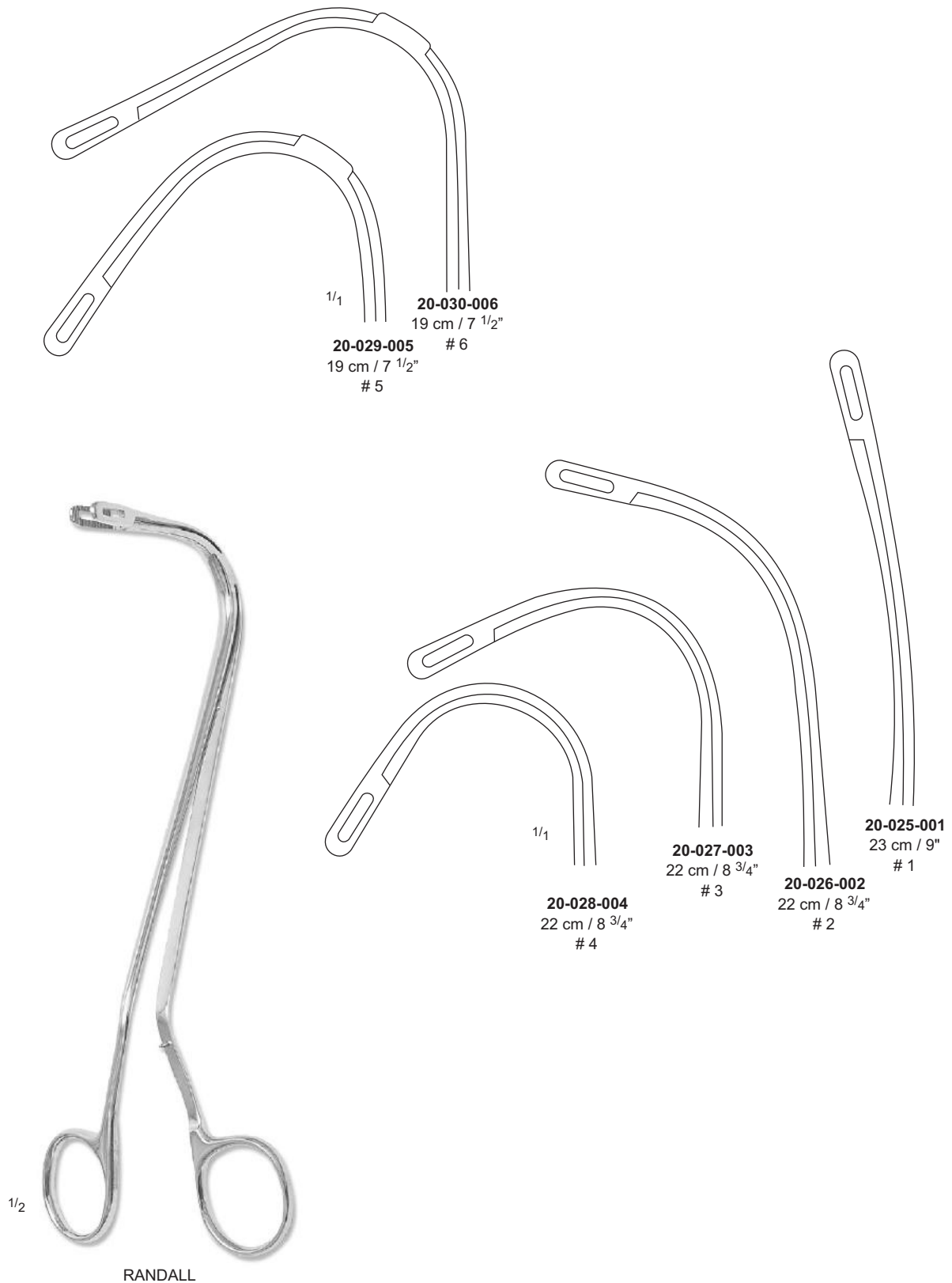
1/2

**STOCKMANN**  
**20-023-080**  
8 cm / 3 1/8"

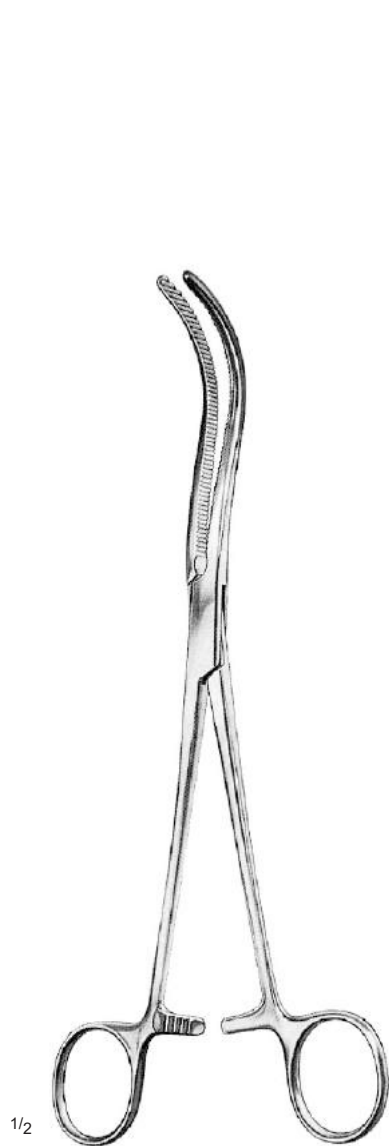


**MATHIEU**  
**20-024-200** – 20 cm / 8"  
**20-025-280** – 28 cm / 11"

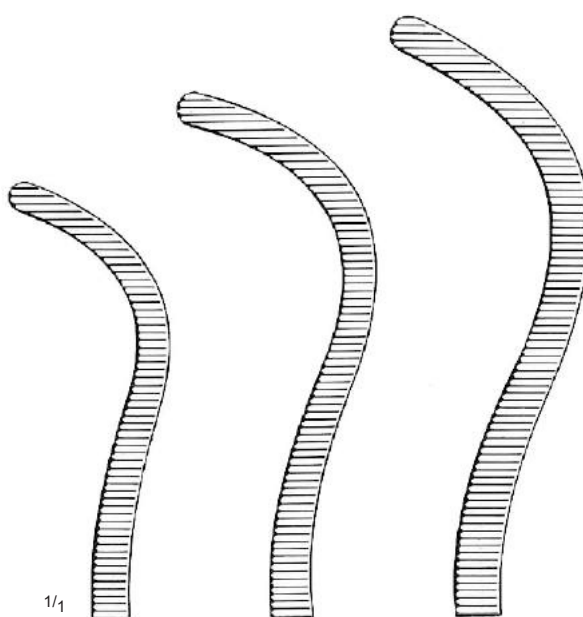
Kidney Stone Forceps



Kidney Pedicle Clamps, Vaginal Forceps



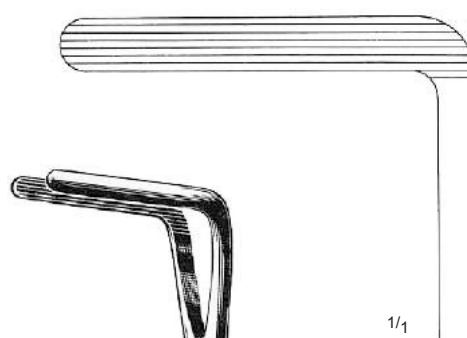
GUYON



**20-031-220**  
20 cm / 8"

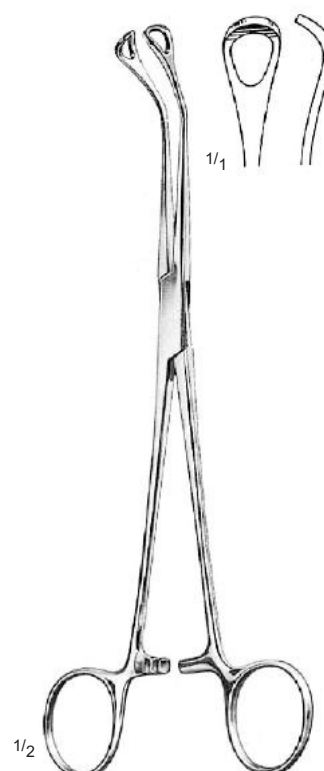
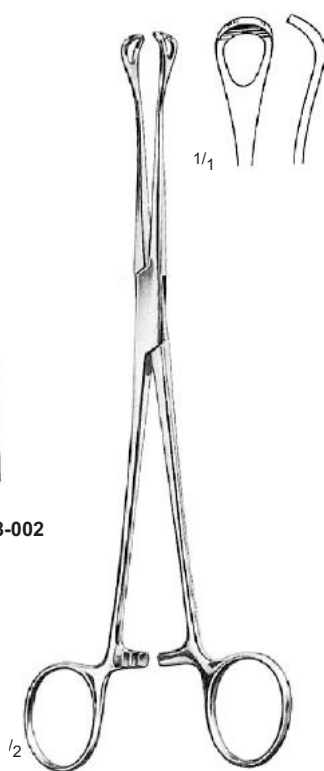
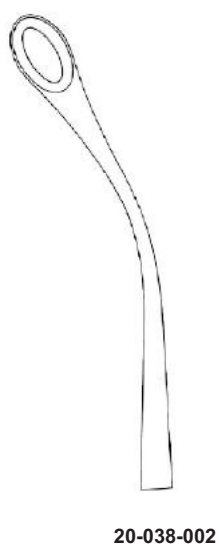
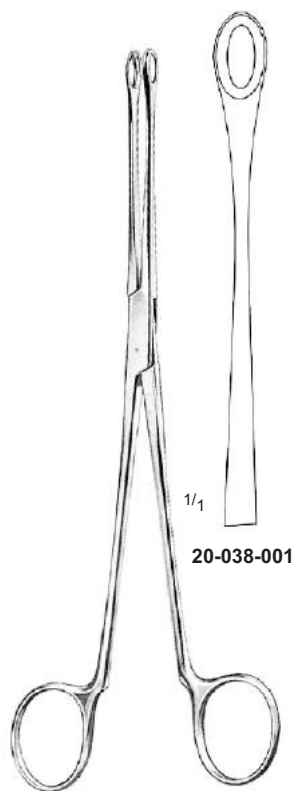
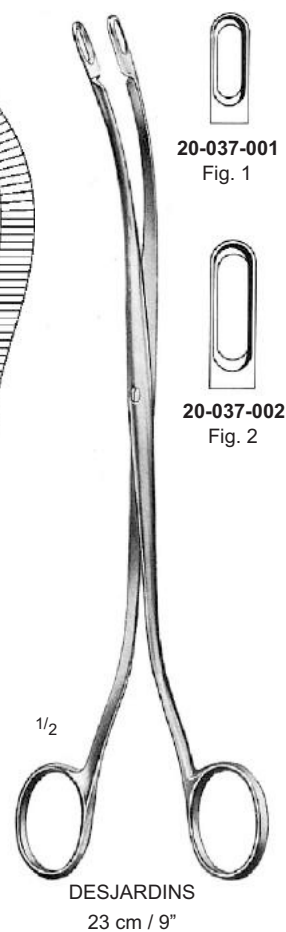
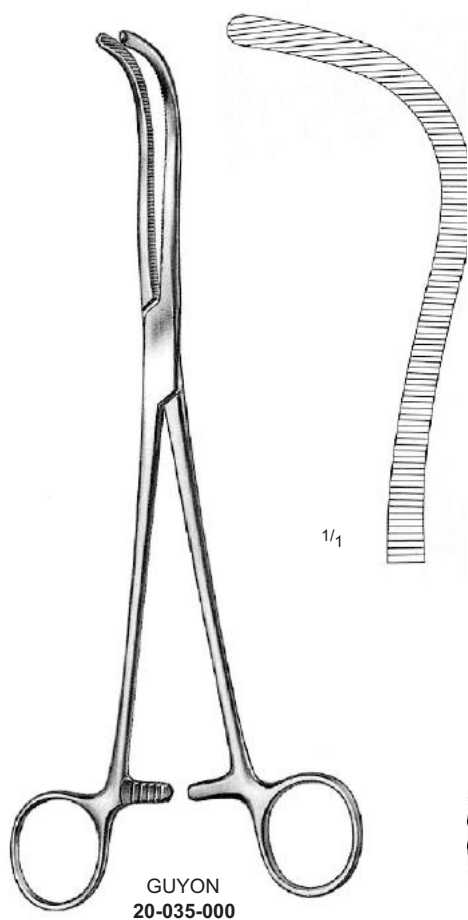
**20-032-220**  
22 cm / 8 3/4"

**20-033-240**  
24 cm / 9 1/2"



WERTHEIM-CULLEN  
**20-034-230**  
23 cm / 9"

Kidney Pedicle Clamps

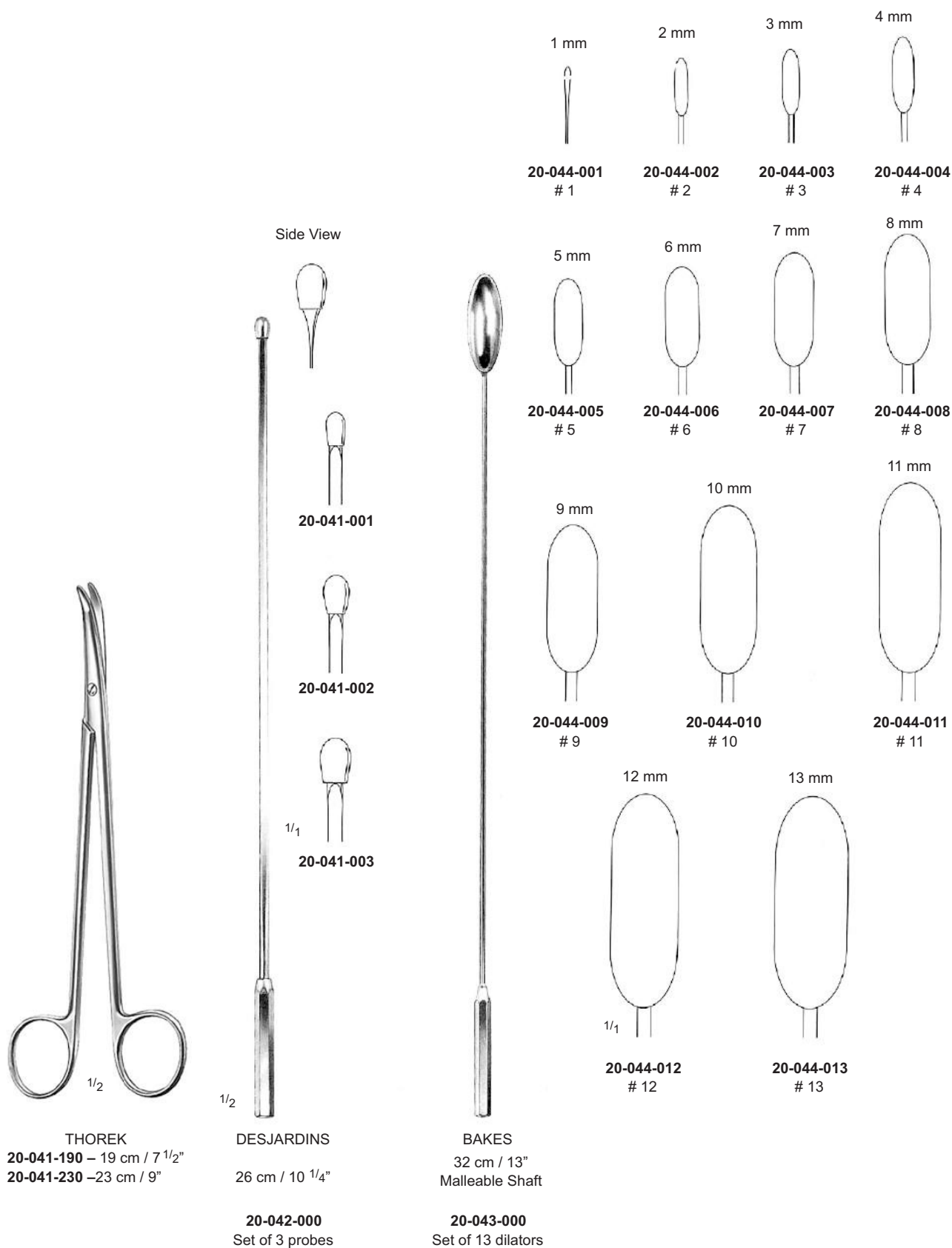


BLAKE  
20 cm / 8"

MAYO-BLAKE  
20-039-200  
20 cm / 8"

MAYO-BLAKE  
20-040-200  
20 cm / 8"

Gall Bladder Scissors, Probes, Dilators





# NASAL Instruments



Sinus Wash Canulae, Nasal Snares



**KRAUS**  
**21-001-260**  
26 cm / 10 1/4"

**KRAUS VOSS**  
**21-002-260**  
26 cm / 10 1/4"



**EICKEN-KILLIAN**  
**21-004-140**  
14 cm / 5 1/2"

**SIEBENMANN**  
**21-005-001** = ø 1.5 mm  
**21-005-002** = ø 1.7 mm  
**21-005-003** = ø 2.0 mm  
**21-005-004** = ø 2.5 mm  
**21-005-005** = ø 3.0 mm

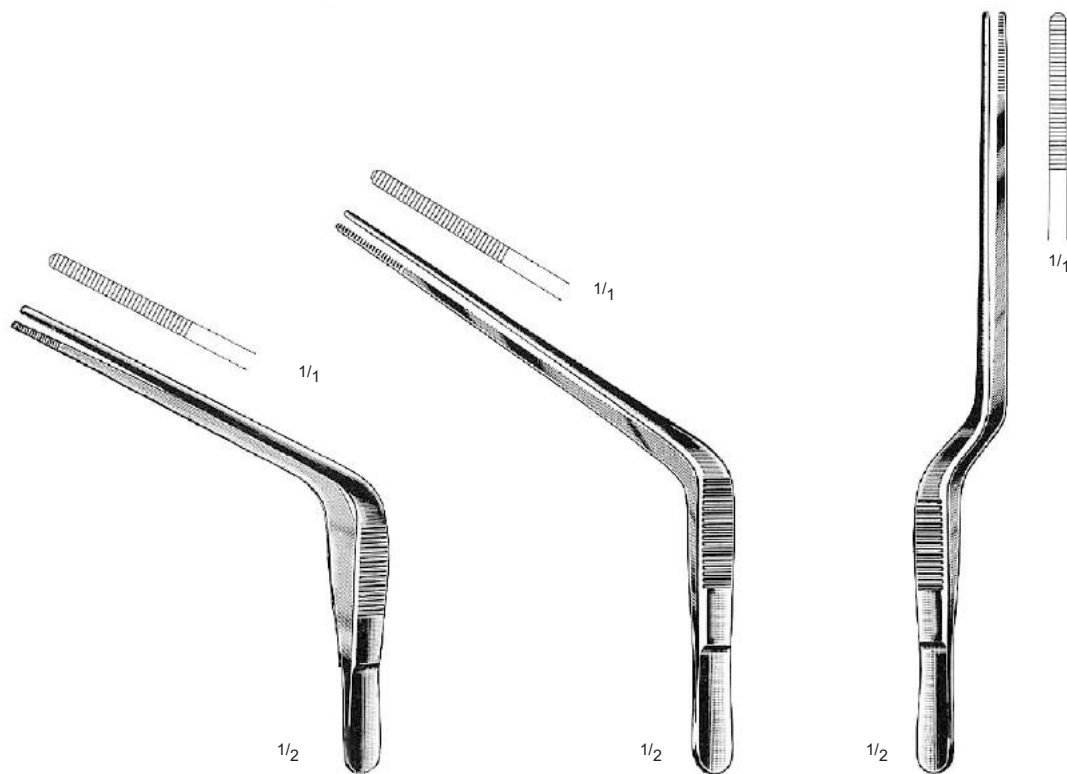


**21-003-003** – 0.3 mm ø  
**21-003-004** – 0.4 mm ø  
Coil / 10 metre



**21-004-000**  
0.3 mm ø  
Package / 100

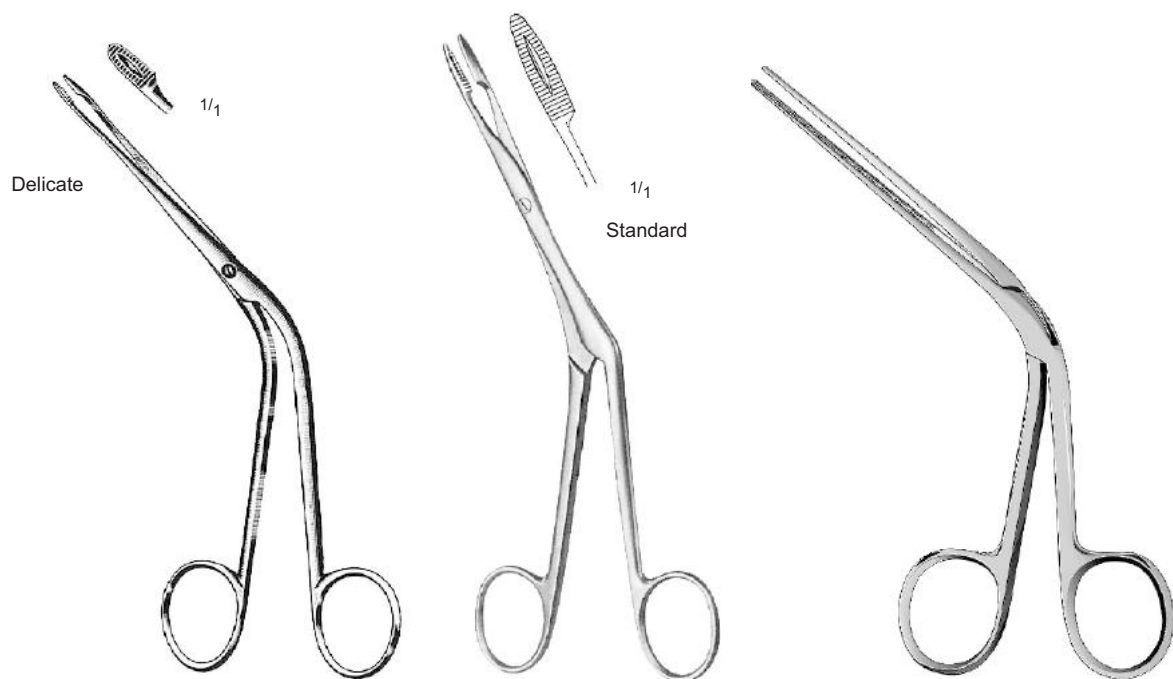
Dressing and Polypus Forceps



**TROELTSCH**  
**21-006-150**  
15 cm / 6"

**TROELTSCH**  
**21-007-180**  
18 cm / 7"

**GRUENWALD (JANSEN)**  
**21-008-200**  
20 cm / 8"

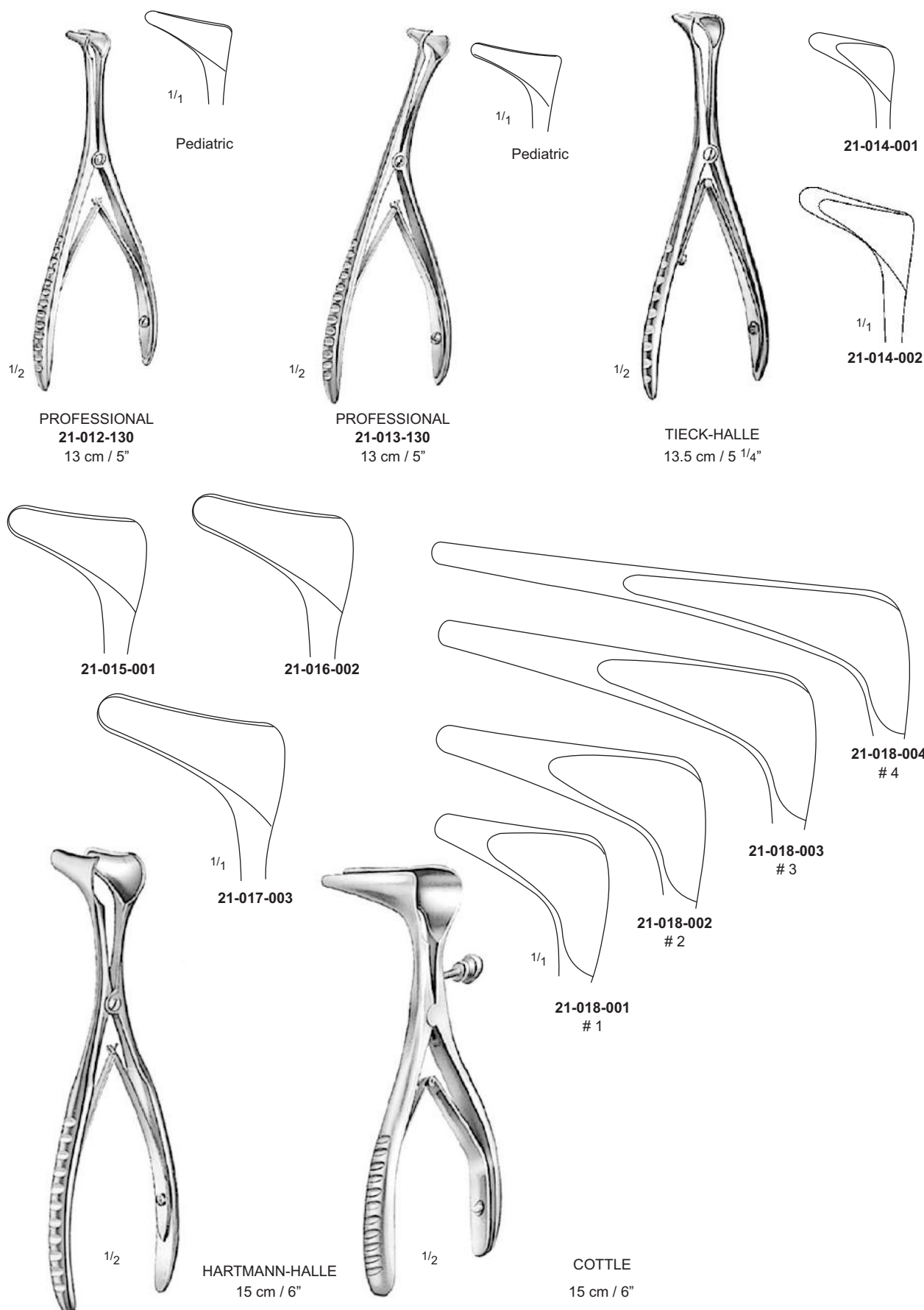


**HARTMANN**  
**21-009-160**  
16 cm / 6 1/4"

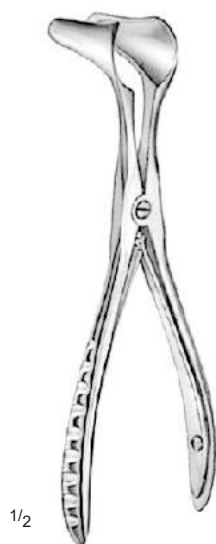
**HARTMANN**  
**21-010-200**  
20 cm / 8"

**TILLEY**  
**21-011-170**  
17 cm / 6 3/4"

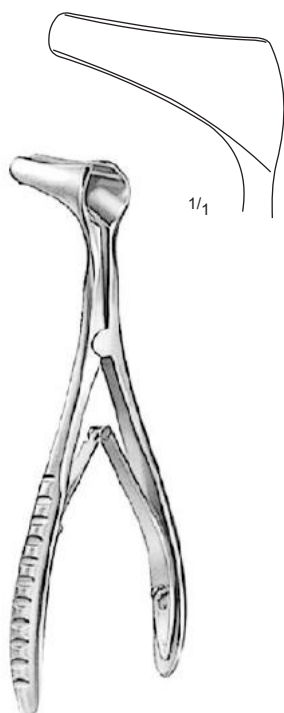
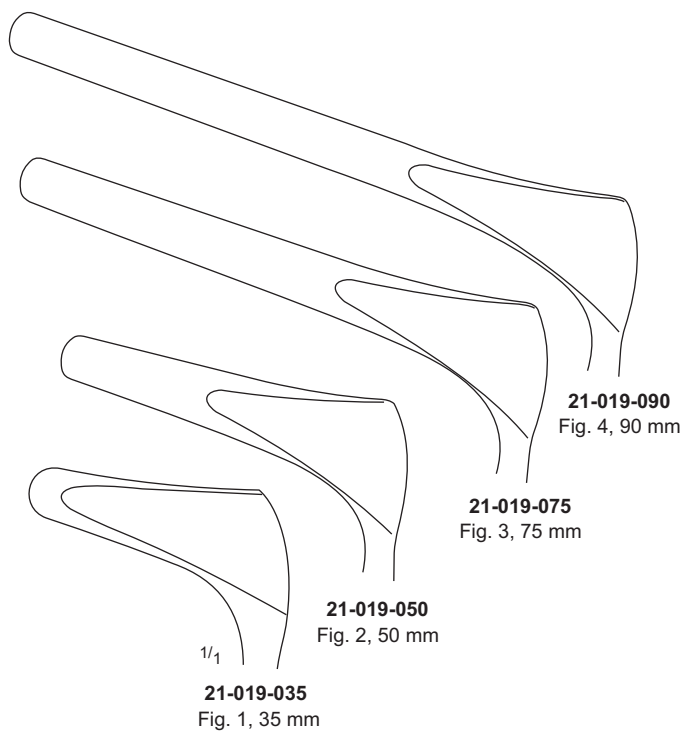
## Nasal Specula



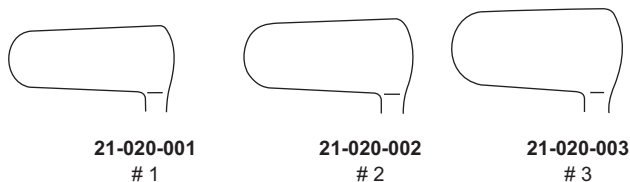
Nasal Specula



KILLIAN  
14 cm / 5 1/2"

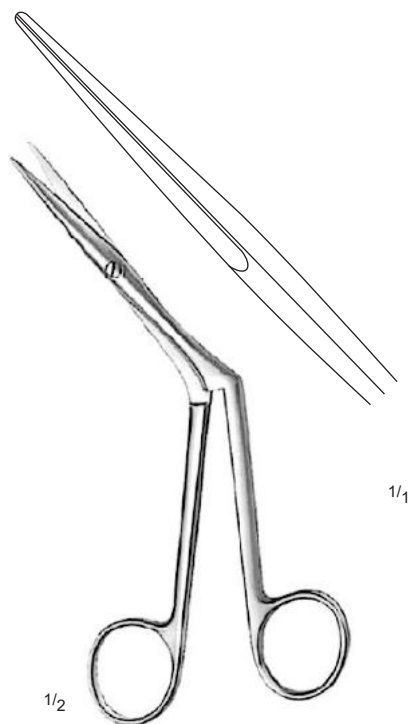


VIENNA PATTERN  
21-021-150  
15 cm / 6"

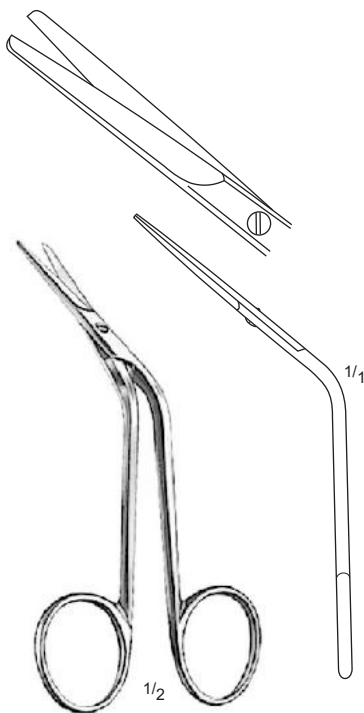


GOLDSMITH (THUDICUM)  
6.5 cm / 2 1/2"

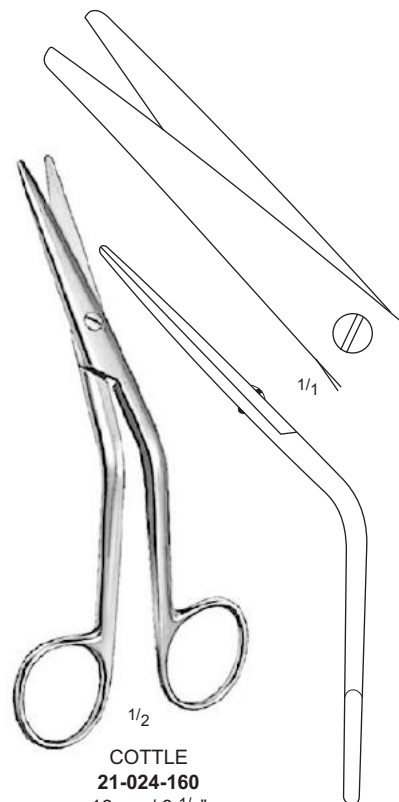
Nasal Scissors, Septum Knives, Septum Elevators



**HEYMANN-KNIGHT**  
**21-022-180**  
18 cm / 7"



**FOMON**  
**21-023-150**  
15 cm / 6"



**COTTLE**  
**21-024-160**  
16 cm / 6 1/4"



**BLALENGER**  
20 cm / 8"



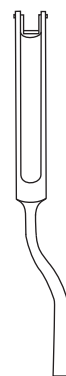
**21-025-003**  
3.0 mm



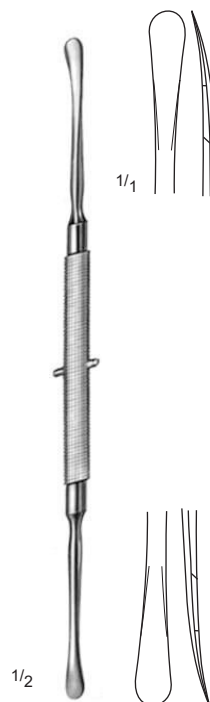
**21-025-004**  
4.0 mm



**21-025-005**  
5.0 mm

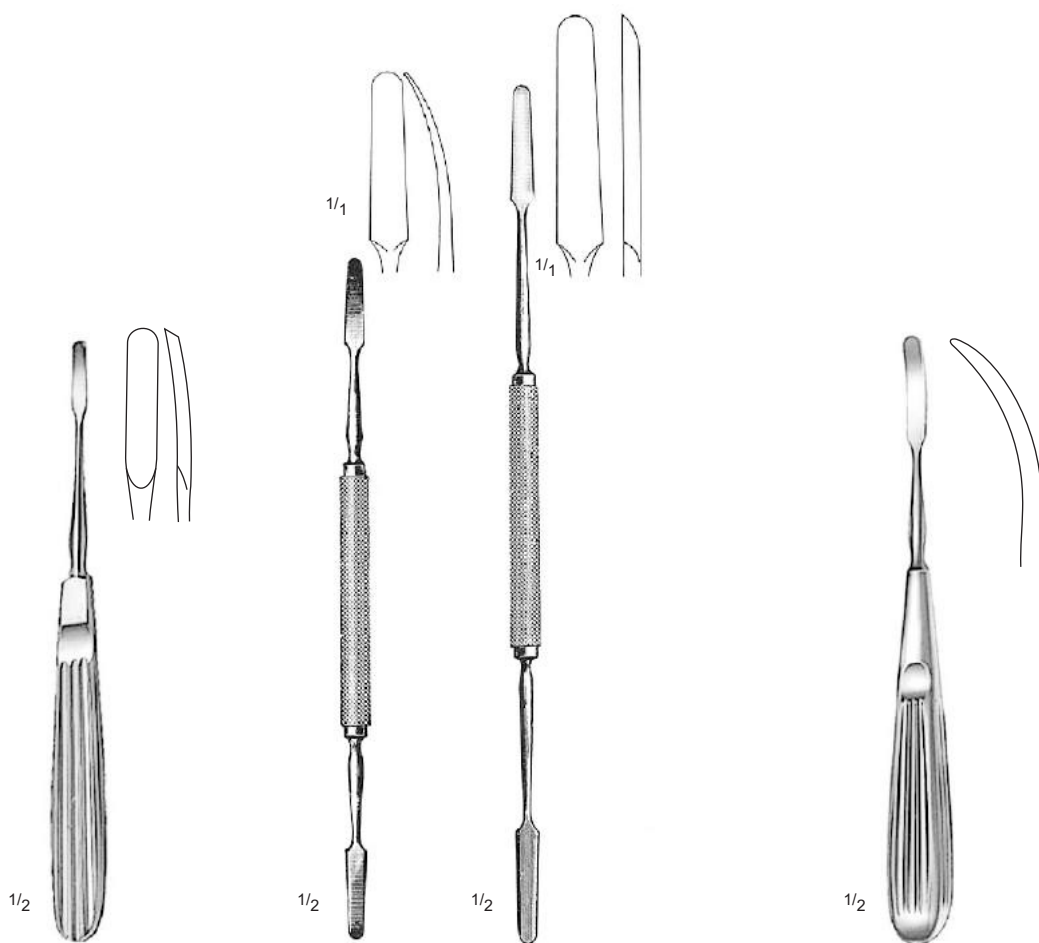


**BLALENGER**  
Bayonet Shape  
**21-026-200**  
20 cm / 8"



**FREER**  
**21-027-210**  
21 cm / 8 1/4"

Septum Elevators, Compression Forceps

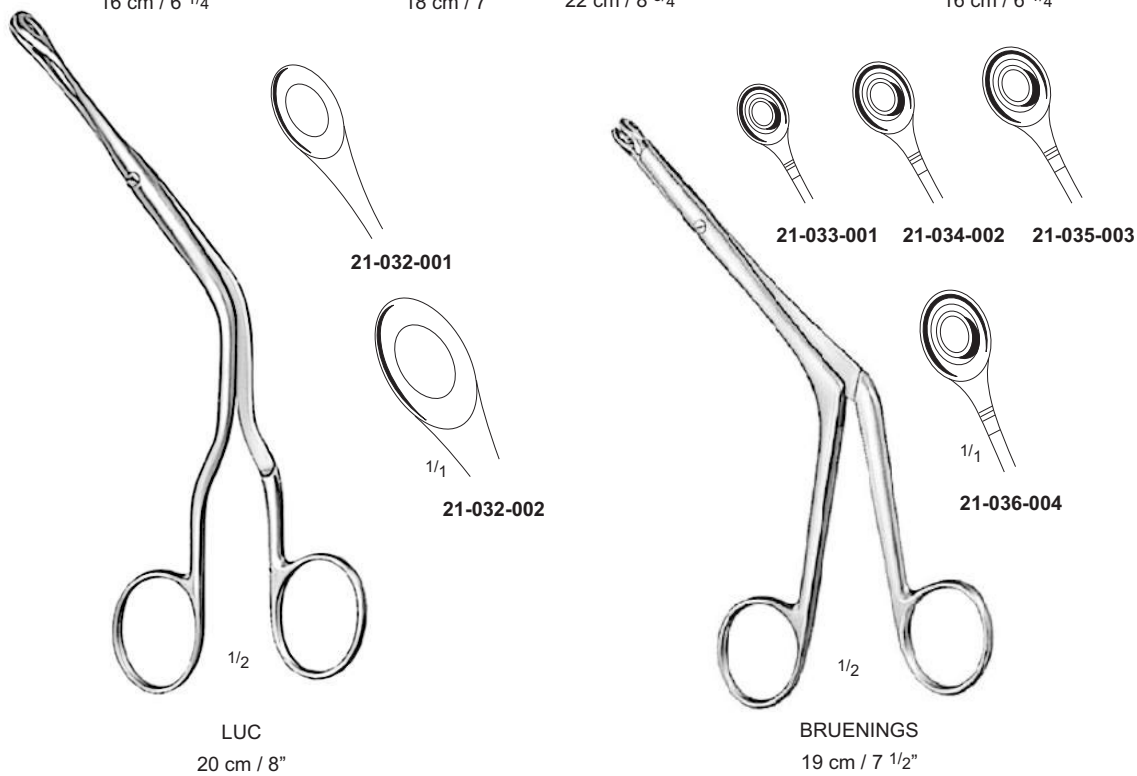


JOSEPH  
21-028-160  
16 cm / 6 1/4"

KILLIAN  
21-029-180  
18 cm / 7"

KILLIAN  
21-030-220  
22 cm / 8 3/4"

JOSEPH  
21-031-160  
16 cm / 6 1/4"



LUC  
20 cm / 8"

BRUENINGS  
19 cm / 7 1/2"

## Nasal Cutting Forceps



21-037-001



21-037-002



21-037-003



21-037-004



21-037-005



21-038-001



21-038-002



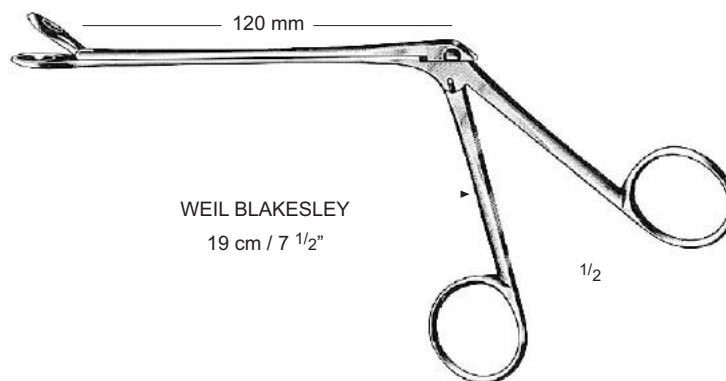
21-038-003



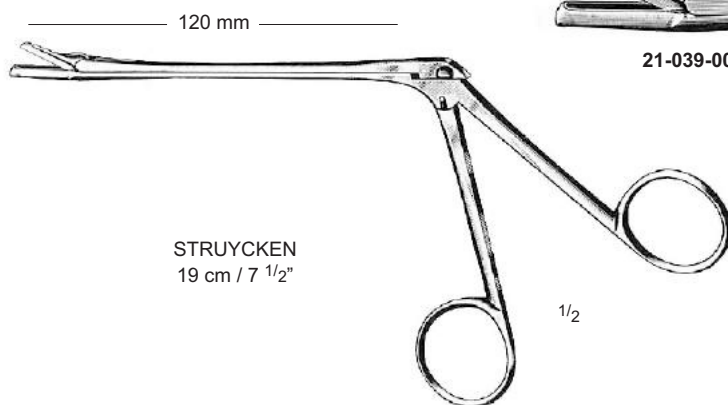
21-038-004



21-038-005



WEIL BLAKESLEY  
19 cm / 7 1/2"



STRUYCKEN  
19 cm / 7 1/2"



21-039-001



21-039-002



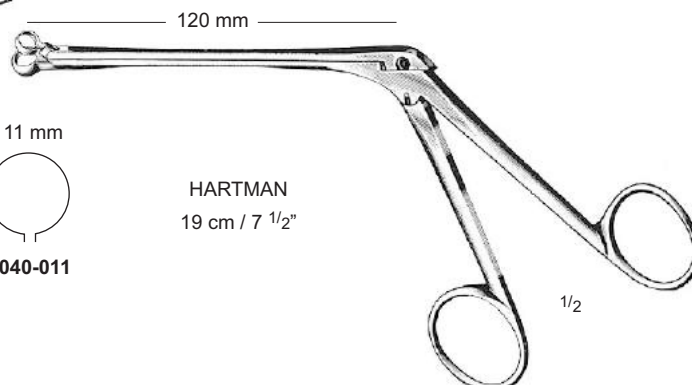
1/1

21-040-005

21-040-007

21-040-009

21-040-011



HARTMAN  
19 cm / 7 1/2"



Septum Compression Forceps, Punch Forceps, Rhinoplastic Instruments



**JANSEN MIDDLETON**  
**21-042-190**  
19 cm / 7 1/2"

- 3 mm  
21-043-003
- 4 mm  
21-043-004
- 5 mm  
21-043-005
- 6 mm  
21-043-006



**KERRISON**  
20 cm / 8"



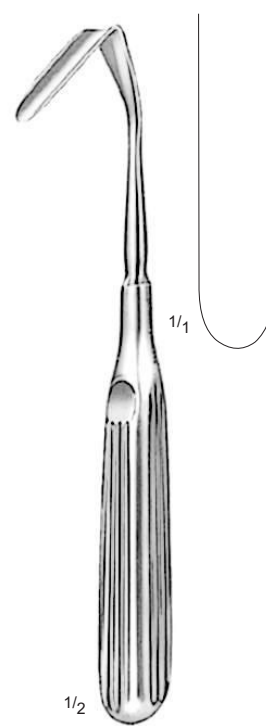
**FOMON**  
**21-044-150**  
15 cm / 6"



**JOSEPH**  
**21-045-150**  
15 cm / 6"

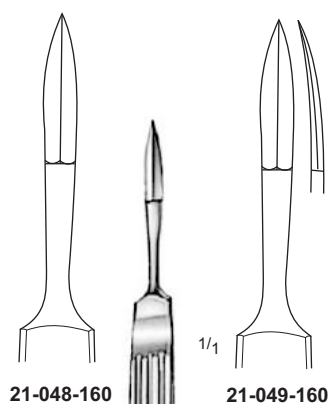


**CONVERSE**  
**21-046-120**  
12 cm / 4 3/4"



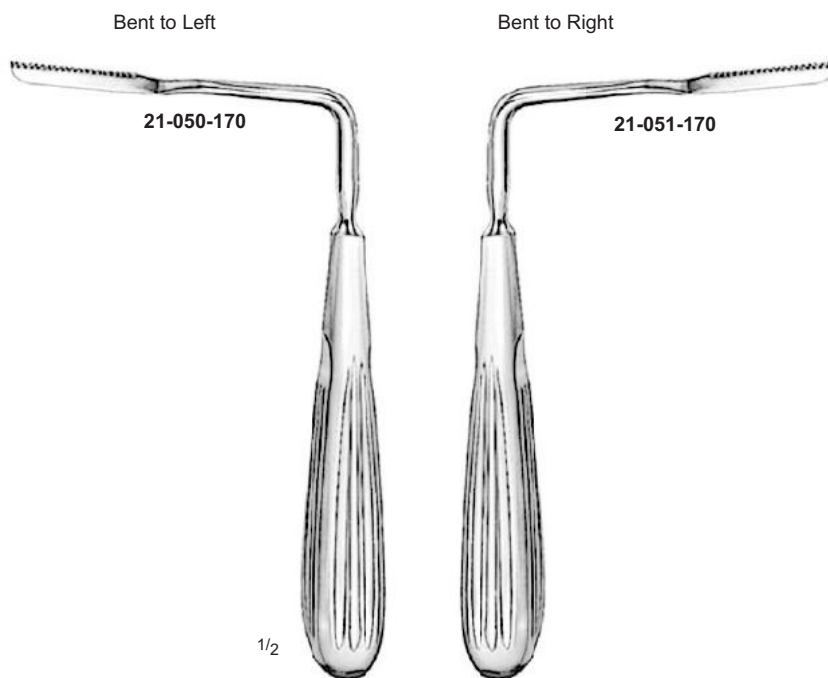
**AUFRICHT**  
**21-047-190**  
19 cm / 7 1/2"

## Rhinoplastic Instruments

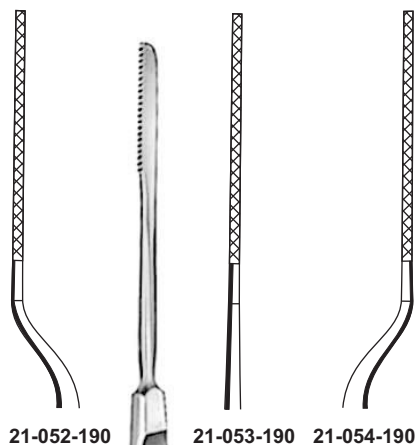


1/2

JOSEPH  
16 cm / 6 1/4"



JOSEPH  
17 cm / 6 3/4"

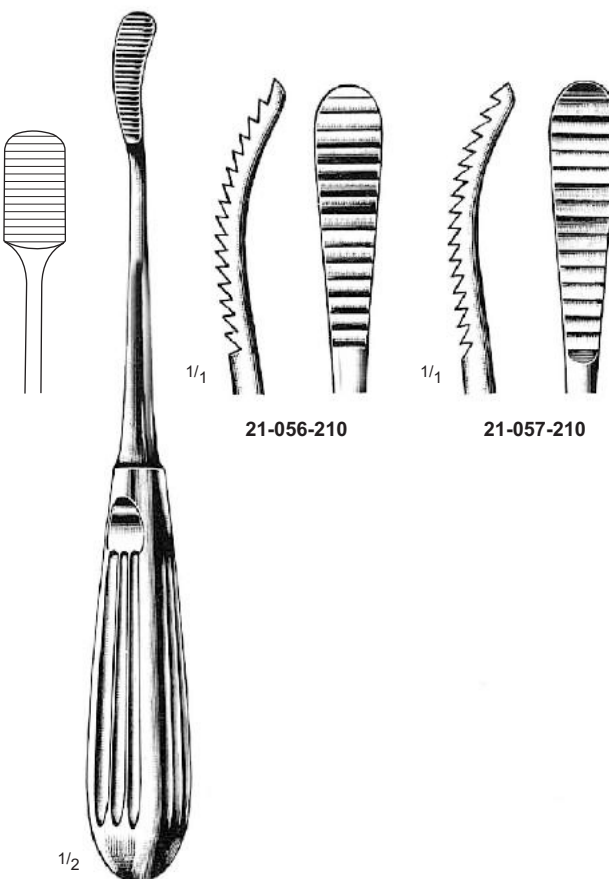


1/2

JOSEPH  
19 cm / 7 1/2"

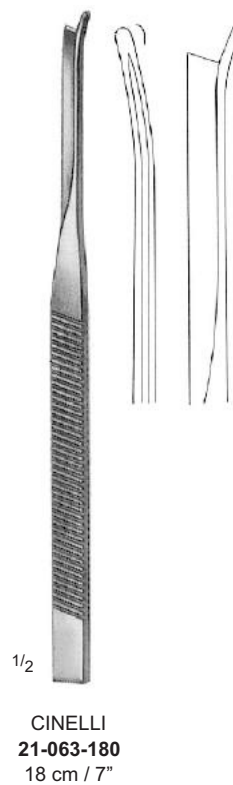
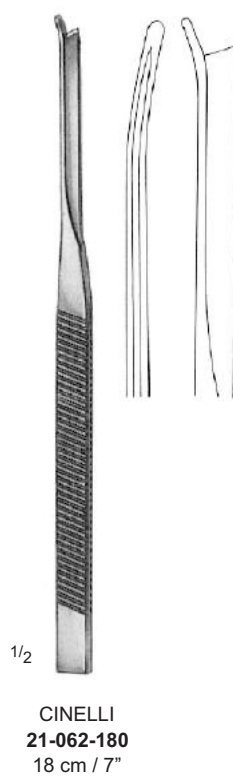
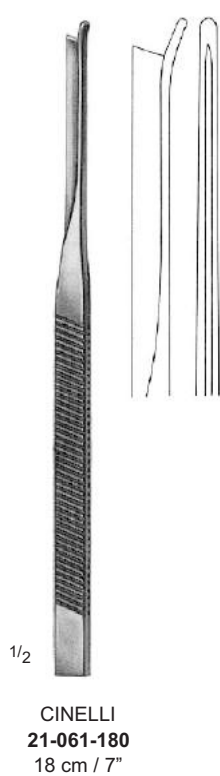
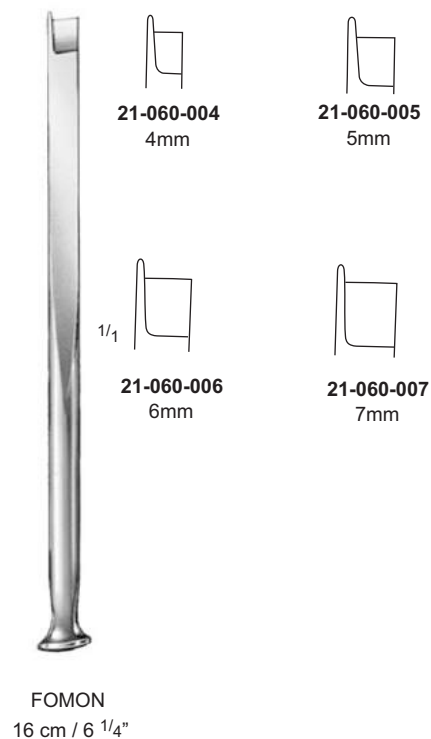
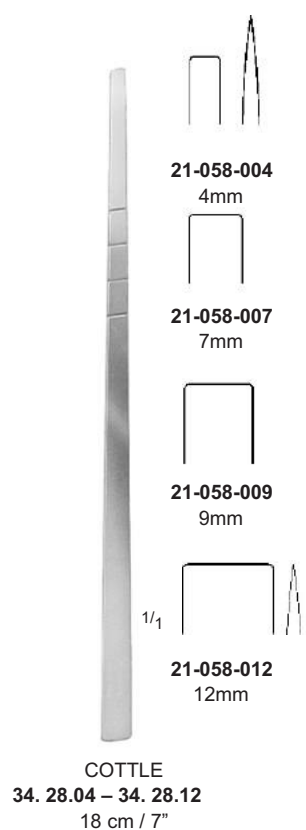


LEWIS  
21-055-180  
18 cm / 7"

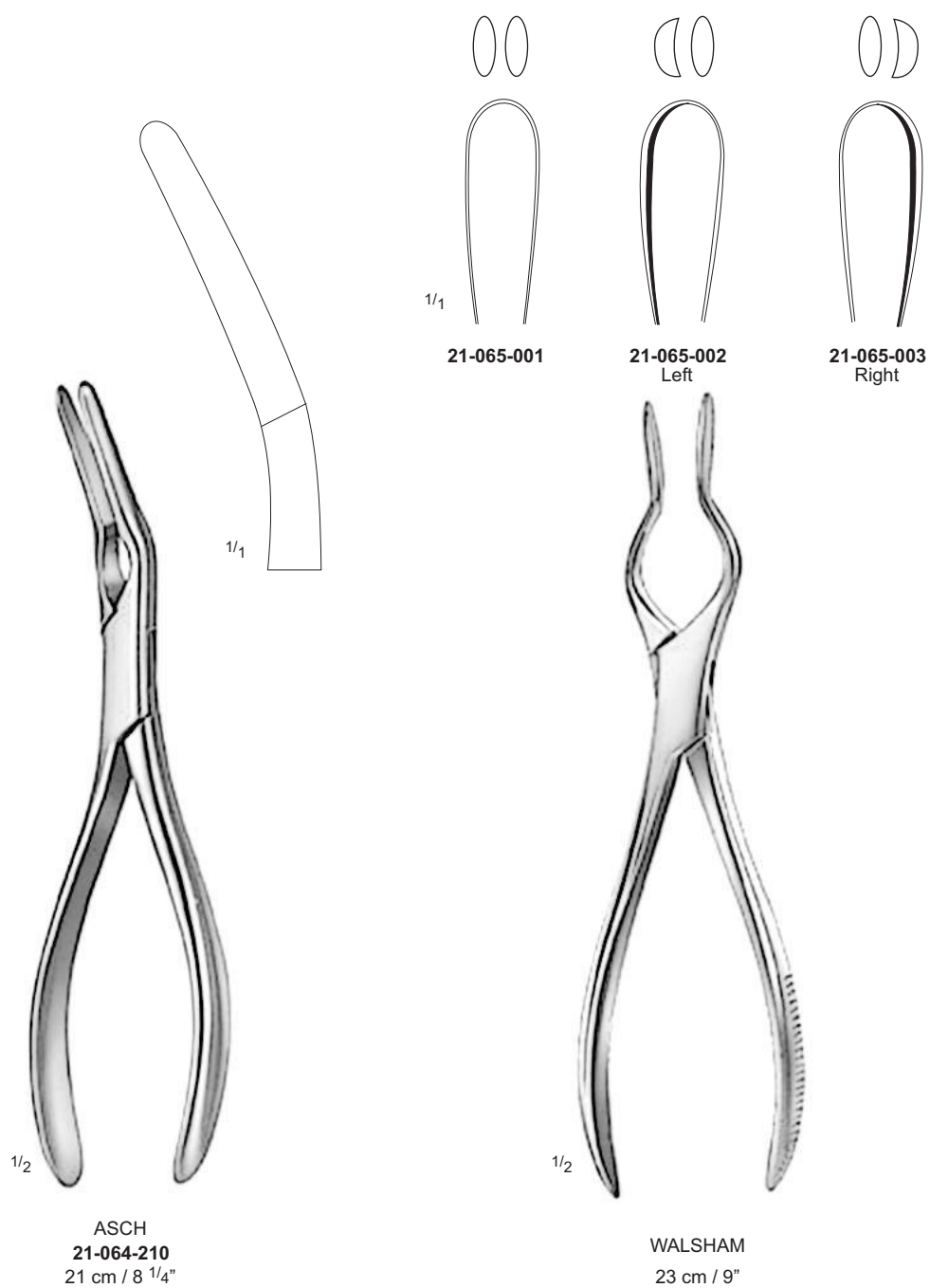


AUFRICHT  
21 cm / 8 1/4"

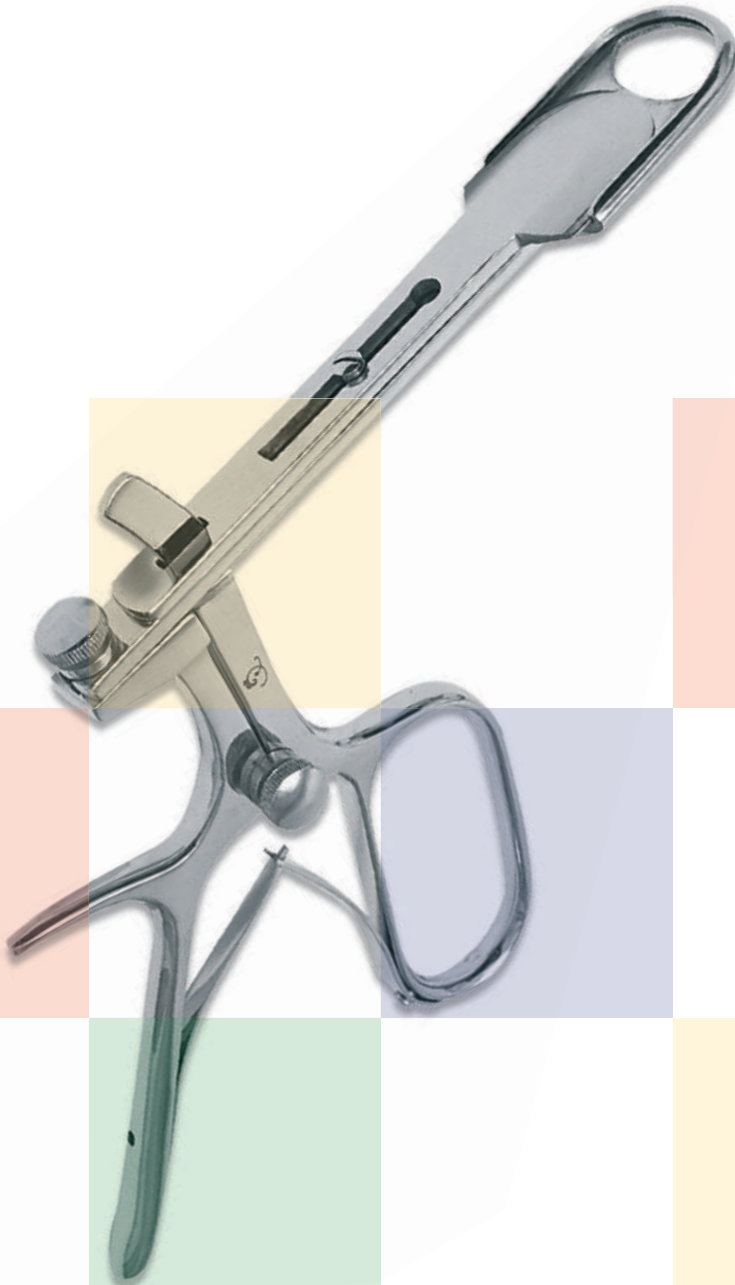
Rhinoplastic Instruments



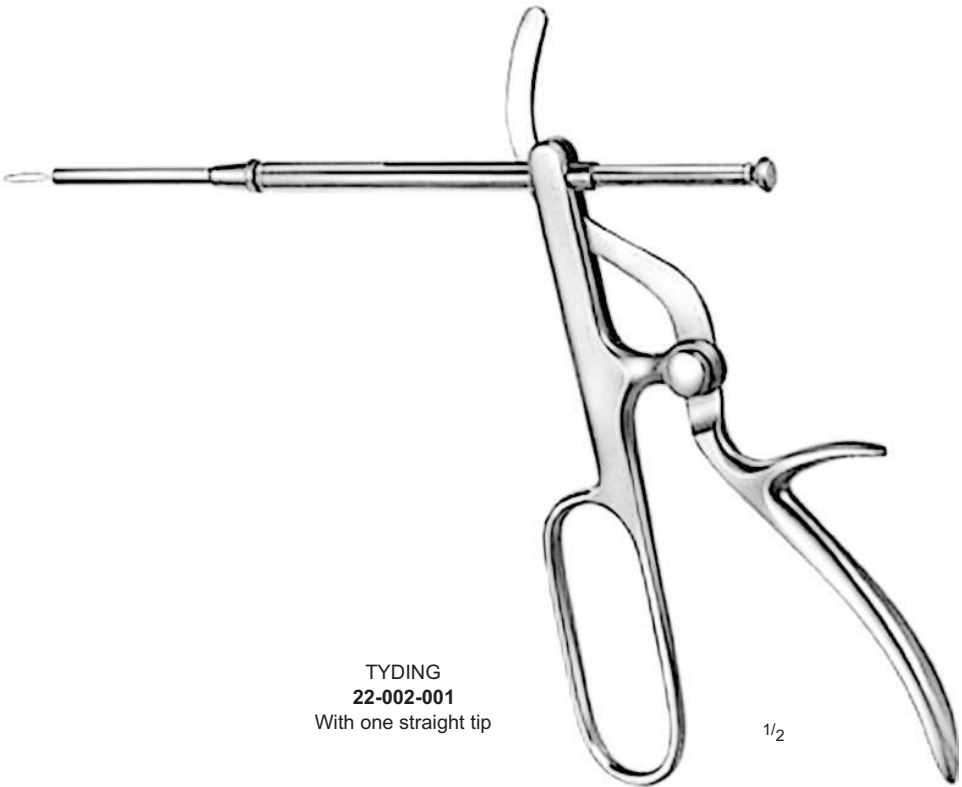
## Septum Forceps



# MOUTH & THROAT



Tonsil Snares, Punch Forceps



TYDING  
22-002-001  
With one straight tip

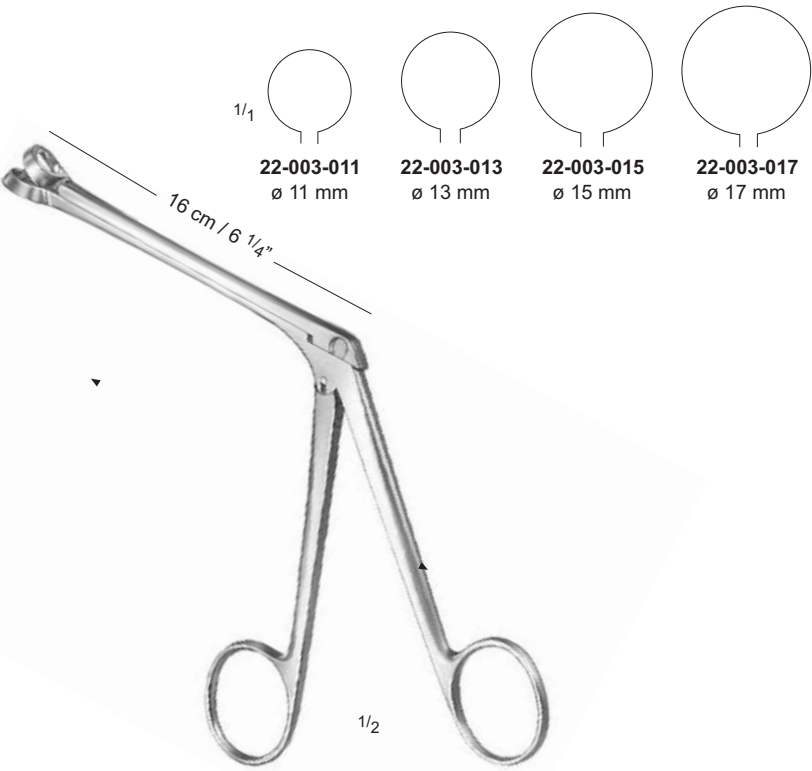
1/2



1/1

1/2

EVES  
22-001-280  
28 cm / 11"



1/1

22-003-011  
ø 11 mm

22-003-013  
ø 13 mm

22-003-015  
ø 15 mm

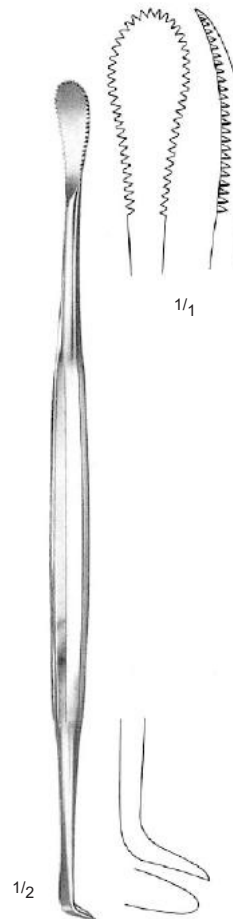
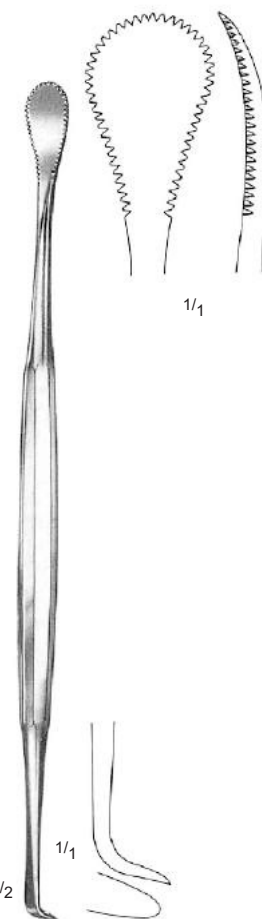
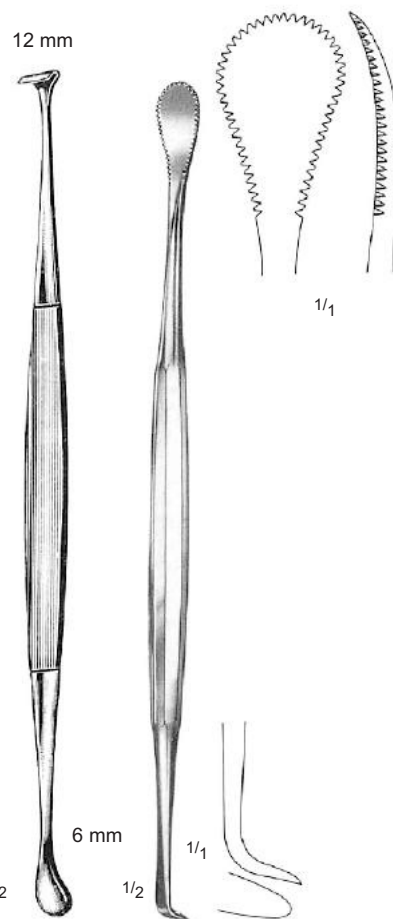
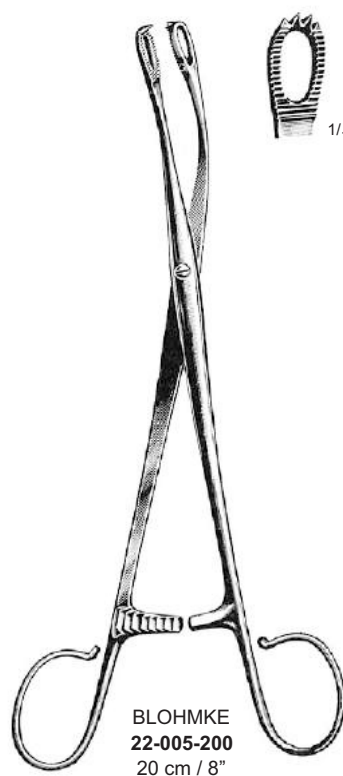
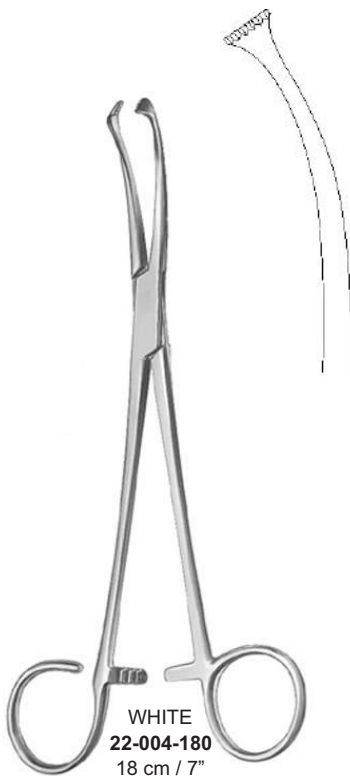
22-003-017  
ø 17 mm

16 cm / 6 1/4"

1/2

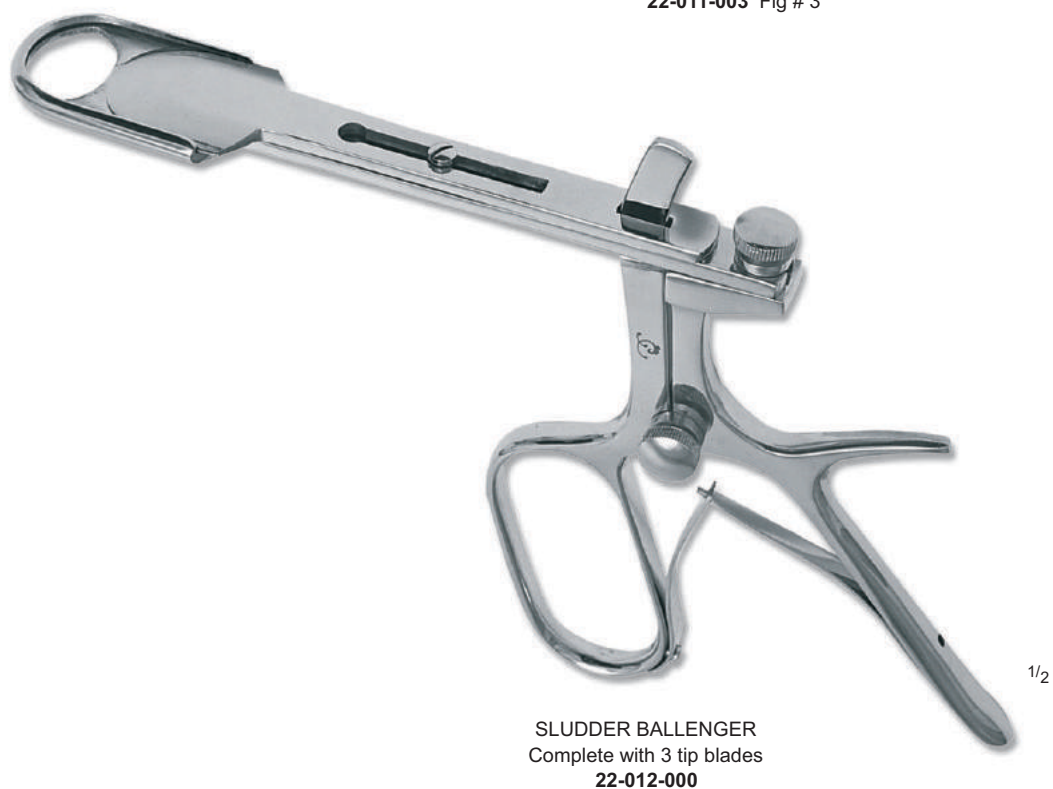
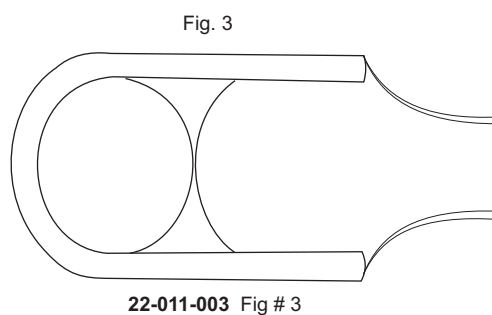
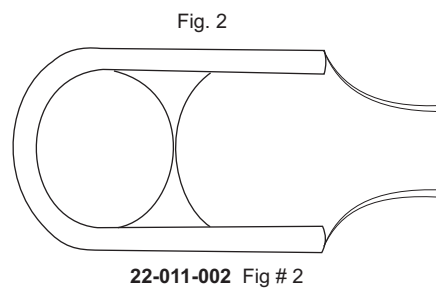
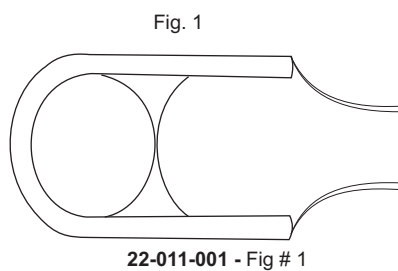
HARTMANN

Tonsil Seizing Forceps, Scissors, Enucleators, Retractors



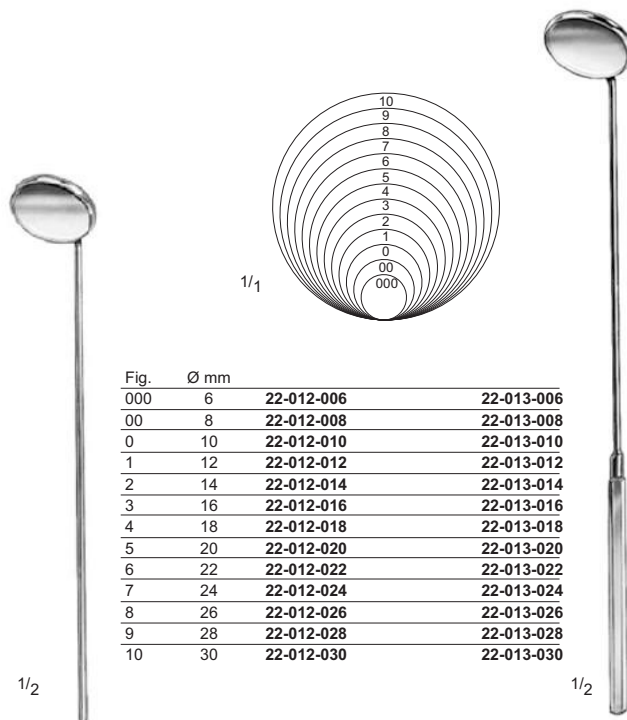
For Tonsil siezing  
Forceps, please see  
page no. 59

Tonsillectomy Forceps





Laryngeal Mirrors, Adenoid Currettes



Laryngeal Mirror without Handle

12 cm / 4 3/4"

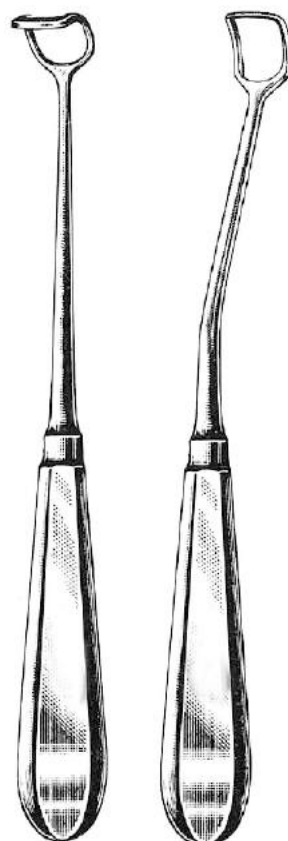
Laryngeal Mirror with Handle

22 cm / 8 3/4"



22-014-000

Handle for Laryngeal Mirror  
with adjustable Screw



BECKMAN  
22-015-001 - 22-015-006 22-016-001 - 22-016-006  
22 cm / 8 3/4" 22 cm / 8 3/4"



22-015-001  
22-016-001  
# 1



22-015-002  
22-016-002  
# 2



22-015-003  
22-016-003  
# 3



22-015-004  
22-016-004  
# 4



22-015-005  
22-016-005  
# 5

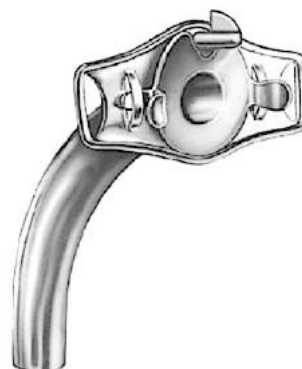


22-015-006  
22-016-006  
# 6

**Tracheal Tubes, Dilators, Retractors**

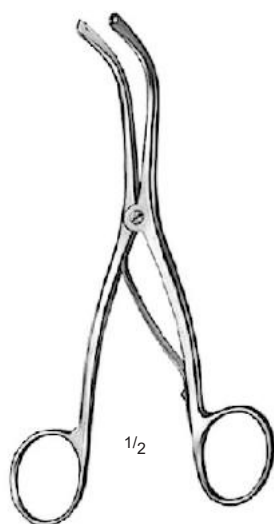


**CHEVALIER-JACKSON**  
**36. 33.50 – 36. 33.69**



**LUER**  
**36. 33.80 – 36. 33.99**

| Fig | mm ø | German Silver | Silver Plated | German Silver | Silver Plated |
|-----|------|---------------|---------------|---------------|---------------|
| 0   | 4    | 22-017-004    | 22-018-004    | 22-019-004    | 22-020-004    |
| 1   | 5    | 22-017-005    | 22-018-005    | 22-019-005    | 22-020-005    |
| 2   | 6    | 22-017-006    | 22-018-006    | 22-019-006    | 22-020-006    |
| 3   | 7    | 22-017-007    | 22-018-007    | 22-019-007    | 22-020-007    |
| 4   | 8    | 22-017-008    | 22-018-008    | 22-019-008    | 22-020-008    |
| 5   | 9    | 22-017-009    | 22-018-009    | 22-019-009    | 22-020-009    |
| 6   | 10   | 22-017-010    | 22-018-010    | 22-019-010    | 22-020-010    |
| 7   | 11   | 22-017-011    | 22-018-011    | 22-019-011    | 22-020-011    |
| 8   | 12   | 22-017-012    | 22-018-012    | 22-019-012    | 22-020-012    |
| 9   | 13   | 22-017-013    | 22-018-013    | 22-019-013    | 22-020-013    |



**TROUSSEAU**  
**22-021-140**  
**14 cm / 5 1/2"**



**LABORDE**  
**22-022-140**  
**14 cm / 5 1/2"**

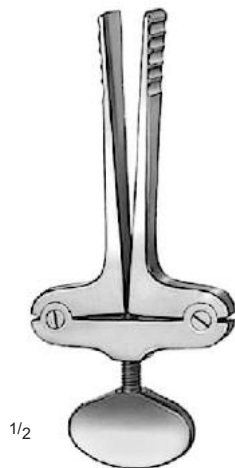


**LUKENS**  
**22-023-170**  
**17 cm / 6 3/4"**

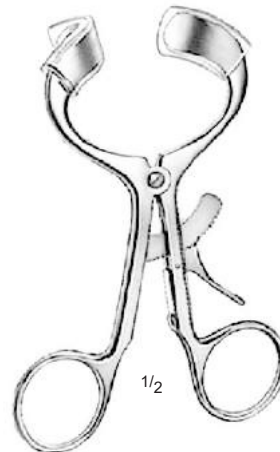


**JACKSON**  
**22-024-170**  
**17 cm / 6 3/4"**

Mouth Gags



**HEISTER**  
**22-025-130**  
13 cm / 5"

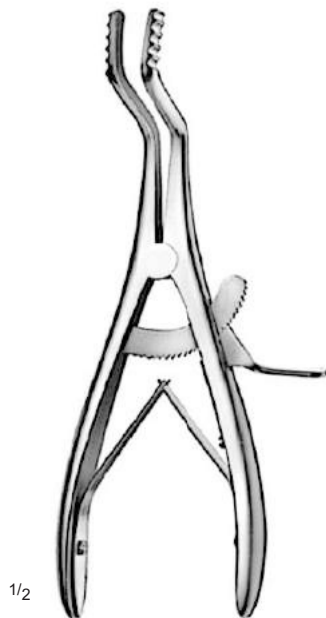


**MOLT**  
**22-026-100** – 10 cm / 4"  
**22-026-130** – 13 cm / 5"  
**22-026-150** – 15 cm / 6"



**JENNINGS**  
**22-027-090** – 9 cm / 3 1/2"  
**22-027-110** – 11 cm / 4 1/2"  
**22-027-130** – 13 cm / 5"  
**22-027-150** – 15 cm / 6"

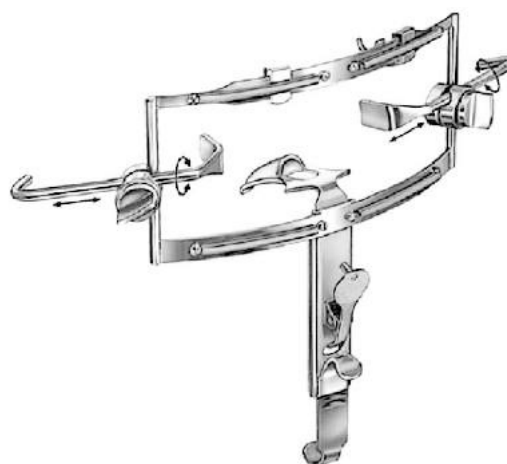
**Mouth Gags**



**ROSER - KONIG**  
**22-028-160** – 16 cm / 6 1/4"  
**22-028-200** - 20 cm / 8"



**DENHART**  
**22-029-130**  
 13 cm / 5"



**DINGMAN**  
**22-030-000**  
 (Complete)

Tongue Depressors



**TOBOLD**  
**22-033-140**  
14 cm / 5 1/2"



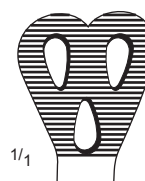
**HARTMANN**  
**22-034-150**  
15 cm / 6"



**WIEDER**  
**38. 02.21 – 38. 02.22**



**22-035-140**  
14 cm / 5 1/2"



**22-035-150**  
15 cm / 6"



**22-036-140** – 14 cm / 5 1/2"  
Stainless Steel

**22-036-160** – 16 cm / 6 1/4"  
Wood

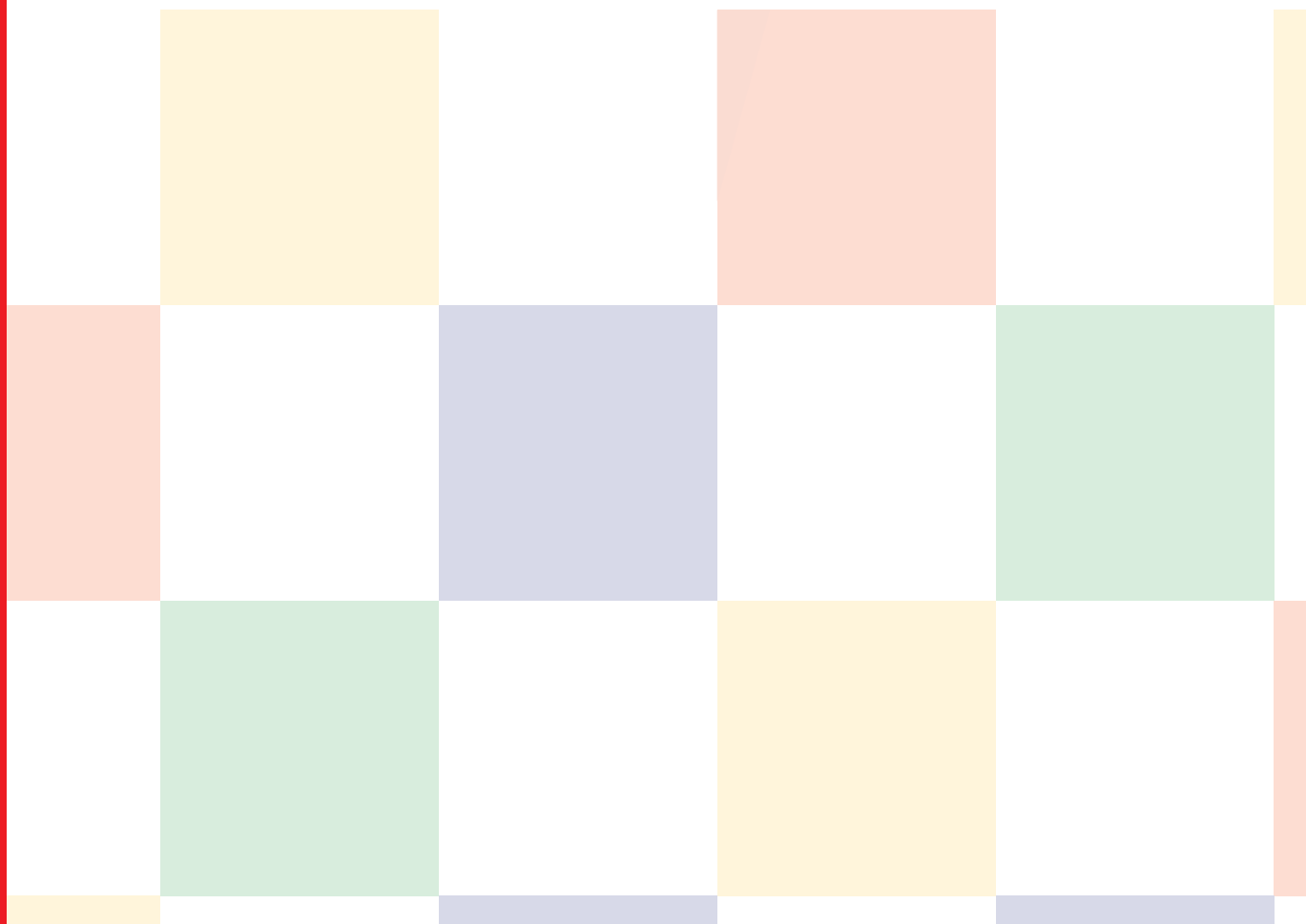


**STERNBERG**  
**22-037-145**  
14.5 cm / 5 3/4"



**BRUENING**  
**22-038-190**  
19 cm / 7 1/2"

# ORAL SURGERY



## Extraction Forceps

### EXTRACTION FORCEPS

Used to remove teeth from alveolar bone



FX1S  
FX1P  
FX1E

1  
Upper Anteriors



FX7S  
FX7P  
FX7E

7  
Upper Premolars



FX17S  
FX17P  
FX17E

17  
Upper Molars Right



FX18S  
FX18P  
FX18E

18  
Upper Molars Left



FX18AS

18A  
Upper Molars



FX29S  
FX29P

29  
Upper Roots



FX29NS  
FX29NP

29N  
Upper Roots Narrow



FX30S

30  
Upper Roots



FX55S

55  
Separating Upper Molars

## Extraction Forceps

### EXTRACTION FORCEPS



FX41S

41  
Upper Roots



FX44S

44  
Upper Roots



FX51S

51  
Upper Roots



FX51AS  
FX51AP  
FX51AE

51A  
Upper Roots



FX67AS  
FX67AP  
FX67AE

67A  
Upper Third Molars



FX76NS

76N  
Upper Roots



FX89S  
FX89P  
FX89E

89  
Upper Molars Right



FX90S  
FX90P  
FX90E

90  
Upper Molars Left



FX56S

56  
Separating Lower  
Molars



Extraction Forceps

**EXTRACTION FORCEPS**



FX13S  
FX13P  
FX13E

13  
*Lower Premolars*



FX22S

22  
*Lower Molars*



FX33S

33  
*Lower Roots*



FX33AS

33A  
*Lower Roots*



FX33LS

33L  
*Lower Roots*



FX73S  
FX73P  
FX73E

73  
*Lower Molars*



FX74S

74  
*Lower Anteriors and Roots*



FX74NS  
FX74NP  
FX74NE

74N  
*Lower Roots*



FX75S

75  
*Lower Premolars*

## Extraction Forceps

### EXTRACTION FORCEPS



FX31S

31  
Lower Roots



FX79S  
FX79P  
FX79E

79  
Lower Third Molars



FX45S

45  
Lower Roots



FX86S  
FX86P  
FX86E

86  
Lower Molars



FX86AS

86A  
Lower Molars



FX86BS

86B  
Lower Molars



FX86CS

86C  
Lower Molars



FX87S

87  
Lower Molars

Extraction Forceps

**EXTRACTION FORCEPS**



FX22 1/2LS  
FX22 1/2LP  
*22 1/2L*  
*Lower Molars & Wisdoms Left*



FX22 1/2RS  
FX22 1/2RP  
*22 1/2R*  
*Lower Molars & Wisdoms Right*

**Special Wisdom Routurier Extraction Forceps**

Their offset design will allow you to reach around obstacles and protect the corners of patient's mouth whenever their mouth openings are restricted or their jaws have been firmly clamped in position. Their slim compact design allows readily accessing molar areas.



*Universal for Upper Roots*  
FX221



*Universal for Lower Roots*  
FX223

*Albrecht*



FXA1

FXA2

## Extraction Forceps

### EXTRACTION FORCEPS # ATRAUMATIC

#### Forceps "Blade Beaks"

1. "Blade Beaks" smoothly penetrate in contact with the root.
2. They has large contact surface for a secure grip.
3. They take care of the tissues and assure tooth fracture risk reduction.
4. They give better control over the root during the extraction operations.



AFX1

1  
Upper Centrals & Canines



AFX7

7  
Upper Premolars



AFX13

13  
Lower Premolars



AFX51A

51A  
Upper Roots



AFX74N

74N  
Lower Roots



AFX79

79  
Lower Third Molars

## Extraction Forceps

### EXTRACTION FORCEPS # SECURE

#### Secure-Line Extraction Forceps

These forceps will allow you to complete any extraction and work more efficiently even if complications arise. If teeth break during extraction, these are the tools you need to rapidly, safely solve your problems. These forceps have special, all-purpose, jaws designed to cover a broad range of applications and have sharp pointed tips that allow separating the tips of roots from surrounding tissues by lightly twisting them and then securely trapping the extracted roots in the gaps between their jaws.



SFX845.00

845.00  
Lower Roots



SFX945.00

945.00  
Lower Roots



SFX959.01

959.01  
Lower Roots



SFX974.00

974.00  
Lower Roots



SFX849.00

849.00  
Upper Roots



SFX944.01

944.01  
Upper Roots



SFX944.00

944.00  
Upper Roots



## Extraction Forceps

### ROOT ELEVATORS



**E34S**  
Seldin



**E34**  
Seldin



**E2S**  
Seldin



**E3S**  
Seldin



**E301W**  
Seldin



**E304W**  
Seldin



**E1L**  
Seldin



**E1R**  
Seldin



**E4L**  
Seldin



**E4R**  
Seldin



**E31**  
Seldin



**E32**  
Seldin



**E31P**



**E32P**



**EA30**  
Cryer



**EA31**  
Cryer



**E71**  
Miller  
Apexo



**E72**  
Miller  
Apexo



**E73**  
Miller  
Apexo



**E74**  
Miller  
Apexo

Extraction Forceps

ROOT ELEVATORS

Standard 

Premium 



**EB1**  
Bein



**EB2**  
Bein



**EB3**  
Bein



**EB4**  
Bein



**EB5**  
Bein



**EB6**  
Bein



**E1**  
Heidbrink  
Straight



**E2**  
Heidbrink  
Straight



**E44C**  
Bradley



**EA**  
Cogswell



**E301**  
Apexo



**E302**  
Apexo



**EA1C**  
**EC1P**  
Coupland



**EA2C**  
Coupland



**EA3C**  
Coupland



**E1C**  
Coupland



**E2C**  
Coupland



**E3C**  
Coupland

## Extraction Forceps

### PERIOSTEAL ELEVATOR

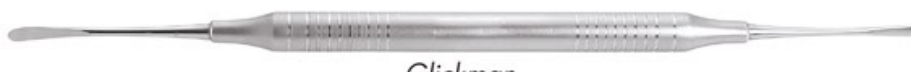
For reflecting and retracting the mucoperiosteum after incisions of the gingival tissue.

**P20**  
#6



*Hirschfeld*

**P24G**  
#6



*Glickman*

**PKN1**  
#6



*Kramer-Nevins*

**PPR3**  
#6



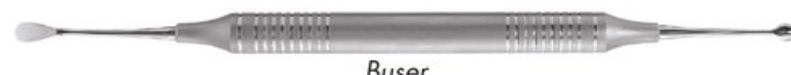
*Prichard*

**PBQ1**  
#6



*Benque*

**PPBUSER**  
#6



*Buser*

**P14**  
#6



*Goldman Fox*

**P149**  
#6



**P8D**  
#6



**P23**



*Seldin*

**PH**



*Howarth*



## Extraction Forceps

### PROBES



## Extraction Forceps

### MICRO SURGICAL MIRRORS

Double-sided-mirrors are manufactured from highly polished stainless steel and come in rounded or rectangular shapes.

#### RECTANGULAR MIRRORS



#### ROUND MIRRORS



#### PLAIN



#### MAGNIFIED



## Extraction Forceps

### TWEEZER

Used to grasp or transfer materials in and out of the oral cavity. All dressing pliers are made of heavy-gauge, heat-treated stainless steel to prevent tip bending and misalignment.



**DPU17**



**DP318**



**DP2**



**DP3**



**DP18L  
DP18LS**

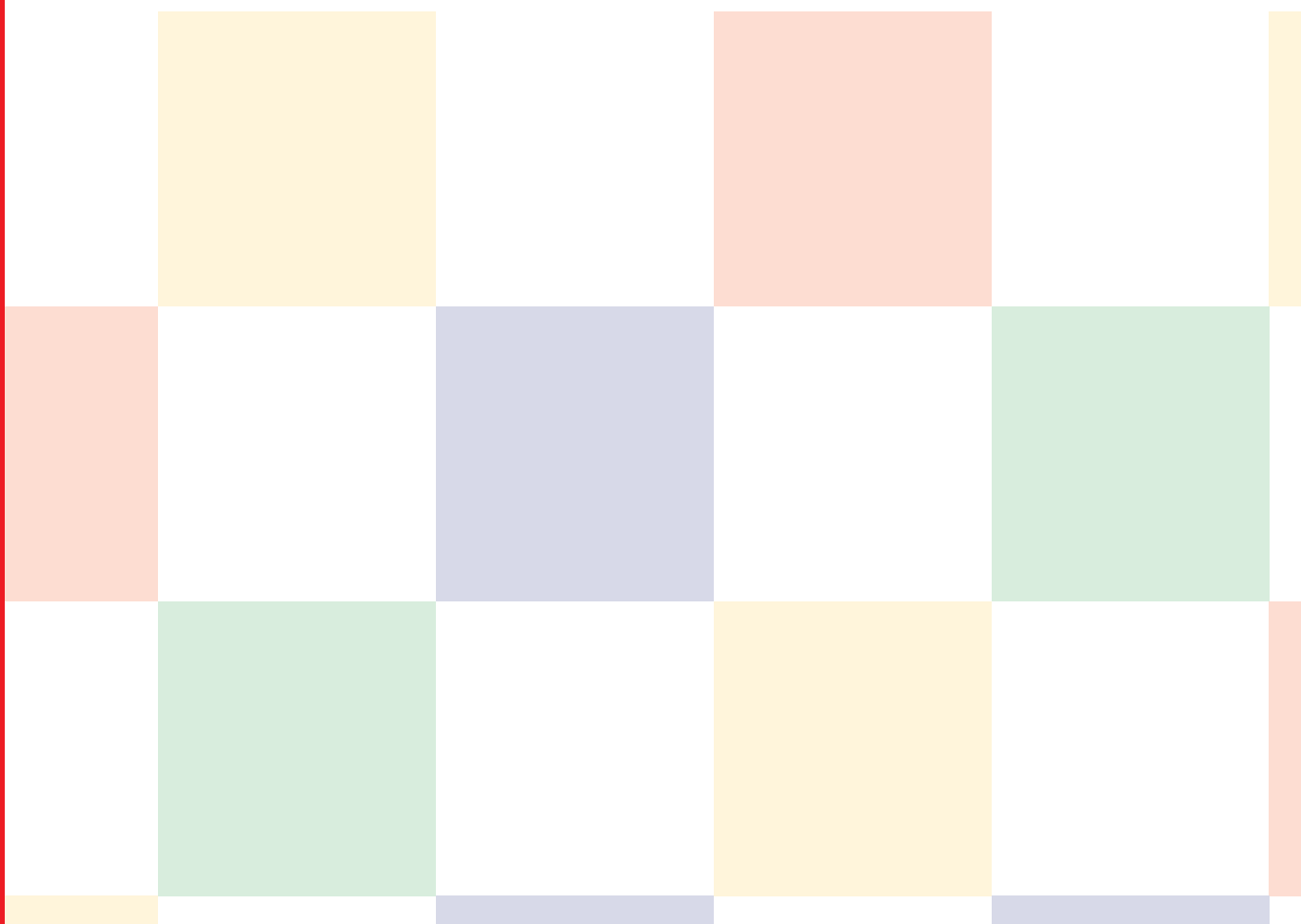


**EPL1  
EPL1S**



**BHT5**

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## CARE & MAINTENANCE OF SURGICAL INSTRUMENTS

- Ensure Instruments are only used for the purpose for which they were designed.
- Clean and decontaminate all instruments in cold or warm water as soon as possible after use. Failure to do so may result in the instrument becoming stained and the joints stiff.
- Ensure all instruments are thoroughly dried before being stored.
- Check the hardness of the water used in the autoclave. Too hard water will leave a deposit on the instruments.
- Check that a water softener, if used, is at the recommended level. Too much may cause discoloration or pitting.



Manufacturers & Suppliers of :

Hand Tools, Surgical Instruments such as FORCEPS, SCISSORS & RETRACTORS and Hospital Equipments (S.S Trays & S.S. Drums).

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