

**Reverdin Nadeln  
Reverdin Needles  
Aguilles de Reverdin**



Reverdin  
278-01-25  
25 cm / 10"

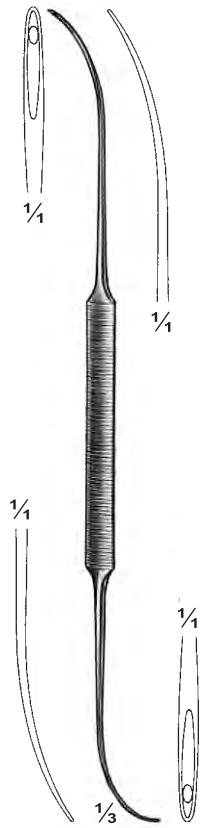
Tierny  
278-02-25  
25 cm / 10"

Tierny  
278-03-27  
27 cm / 10½"

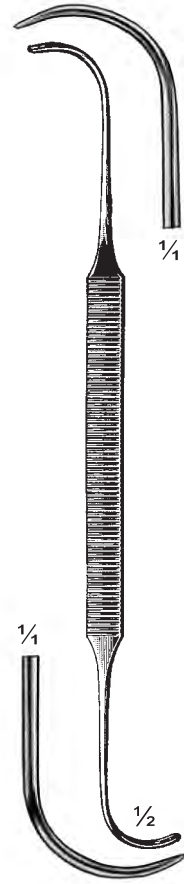
Redon  
278-04-25  
25 cm / 10"

Redon  
278-05-27  
27 cm / 10½"

# Reverdin Nadeln Reverdin Needles Aguilles de Reverdin

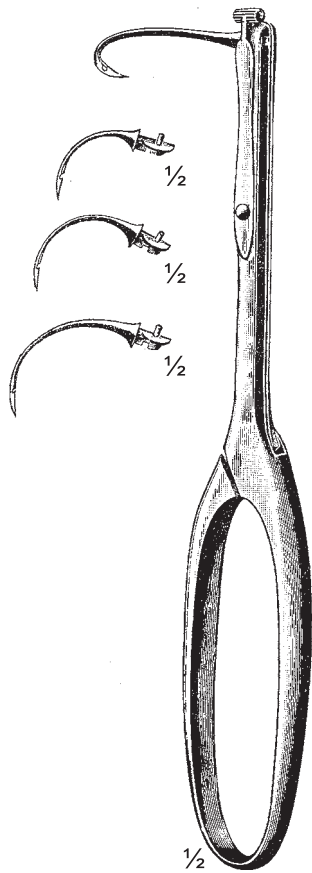


Schmieden Dick  
**279-01-32**  
32 cm / 12½"

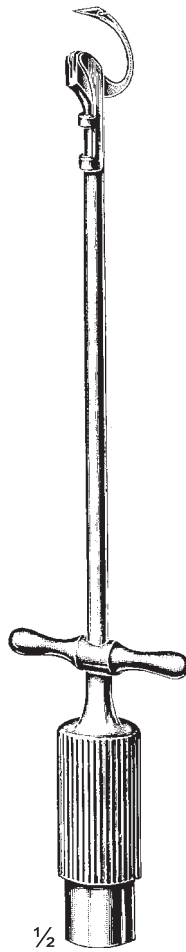


Schmieden  
**279-02-22**  
22 cm / 8¾"

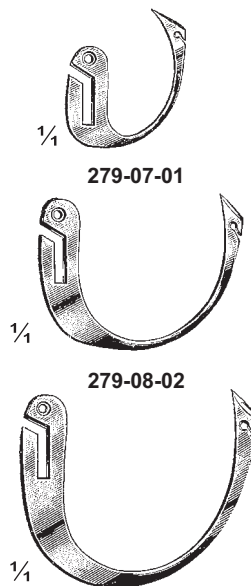
Spare needles for  
item No. 279-06-24 & 279-10-25



**279-03-22** 22 cm / 8¾"  
**279-04-24** 24 cm / 9½"  
**279-05-26** 26 cm / 10½"  
Screw Joint  
With 3 Needles



Young-Hryntschan  
**279-06-24**  
24 cm / 9½"  
For deep suturing  
With 3 Needles



**279-09-03**



Young  
**279-10-25**  
25 cm / 10"  
For deep suturing  
With 3 Needles

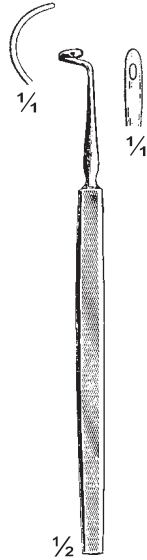
**Reverdin Nadeln  
Reverdin Needles  
Aguilles de Reverdin**



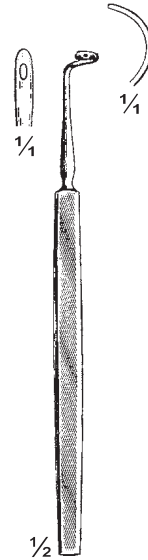
**Kronecker  
280-01-15  
15 cm / 6"**



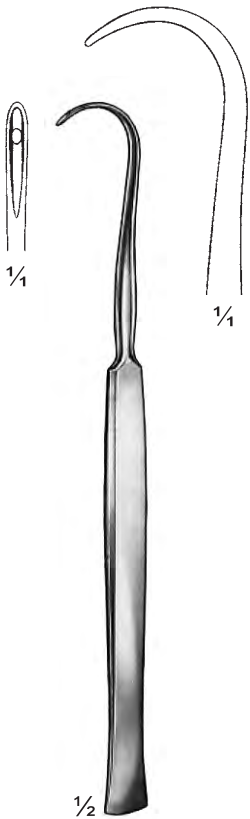
**Kronecker  
280-02-15  
15 cm / 6"**



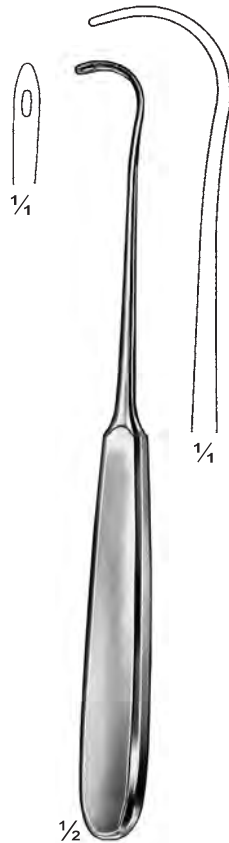
**Kronecker  
280-03-13  
13 cm / 5 1/8"**



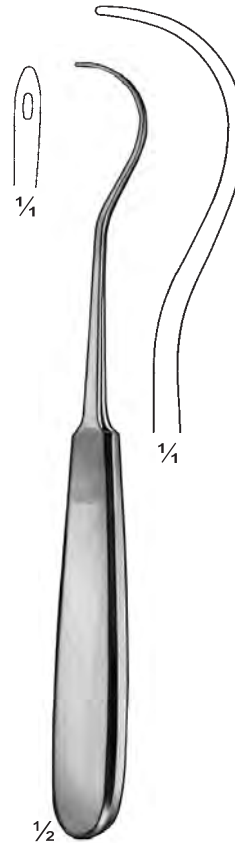
**Kronecker  
280-04-13  
13 cm / 5 1/8"**



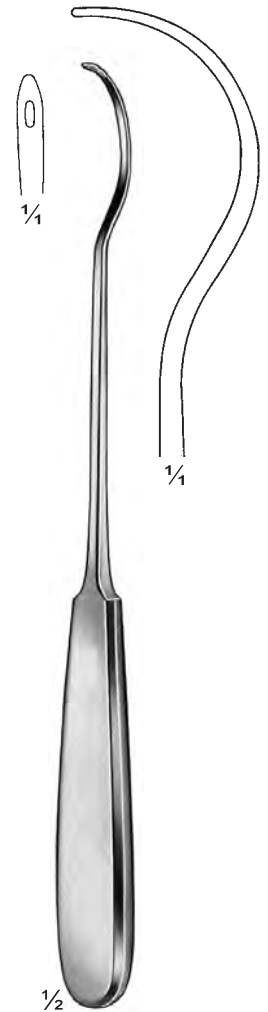
**Cooper  
280-05-19  
19 cm / 7 1/2"**



**Cooper  
280-06-20  
20 cm / 8"**



**Kocher  
280-07-20  
20 cm / 8"**



**Brunner  
280-08-24  
24 cm / 9 1/2"**



# Reverdin Nadeln Reverdin Needles Aguilles de Reverdin



**Reverdin Nadeln  
Reverdin Needles  
Aguilles de Reverdin**



**283-01-20**  
20 cm / 8"  
Sharp



**283-02-20**  
20 cm / 8"  
Sharp



**283-03-20**  
20 cm / 8"  
Blunt



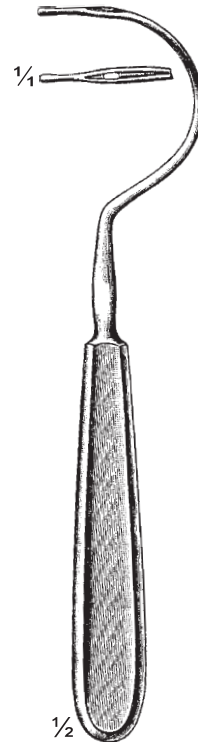
**283-04-20**  
20 cm / 8"  
Blunt



**283-05-20**  
20 cm / 8"  
Blunt



**283-06-20**  
20 cm / 8"  
Blunt

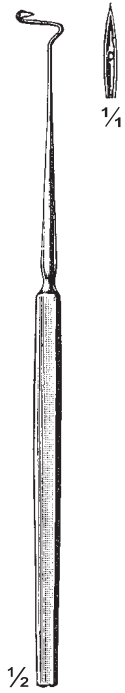


**Langenbeck**  
**283-07-19**  
19 cm / 7 1/2"

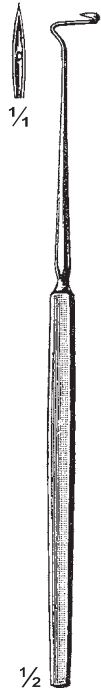


**Payer**  
**283-08-23**  
23 cm / 9"

# Reverdin Nadeln Reverdin Needles Aguilles de Reverdin



Dupuy-Weiss  
284-01-22  
22 cm / 8 3/4"



Dupuy-Weiss  
284-02-22  
22 cm / 8 3/4"



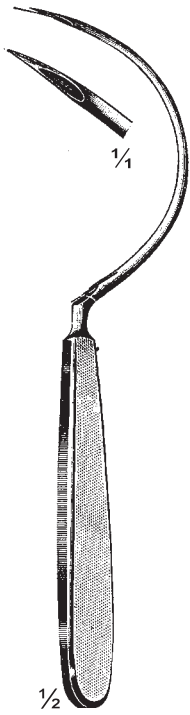
Yankauer  
284-03-16  
16 cm / 6 1/4"



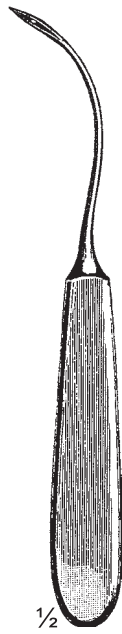
Yankauer  
284-04-16  
16 cm / 6 1/4"



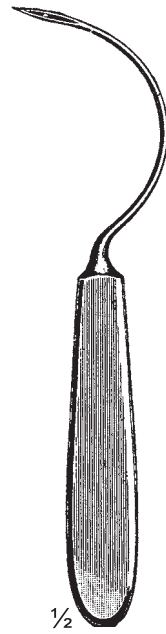
Pauchet  
284-05-27  
27 cm / 10 1/2"



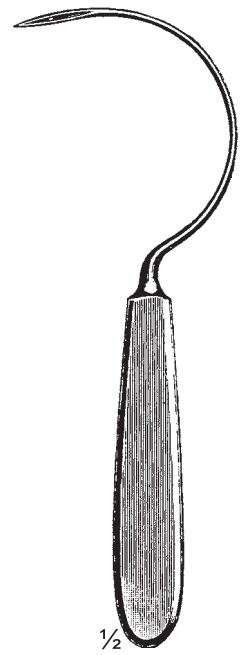
Jonesco  
284-06-18  
18.5 cm / 7 1/4"



Emmet  
284-07-19  
19.5 cm / 7 3/4"



Emmet  
284-08-19  
19.5 cm / 7 3/4"



Emmet  
284-09-19  
19.5 cm / 7 3/4"

# Reverdin Nadeln Reverdin Needles Aguilles de Reverdin





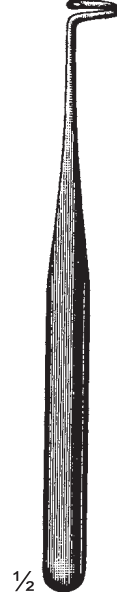
**Reverdin Nadeln  
Reverdin Needles  
Aguilles de Reverdin**



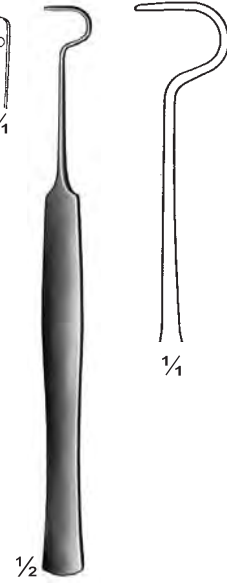
**286-01-13**  
13 cm / 5 1/8"



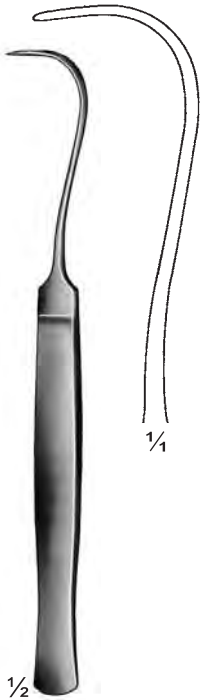
**286-02-13**  
13 cm / 5 1/8"



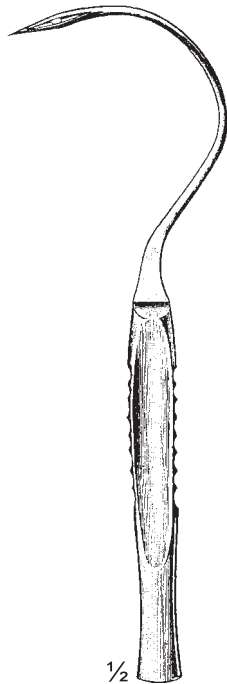
**286-03-13**  
13 cm / 5 1/8"



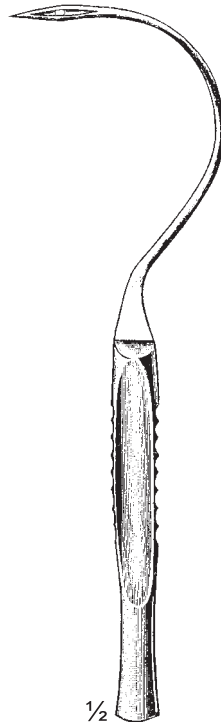
**286-04-15**  
15 cm / 6"



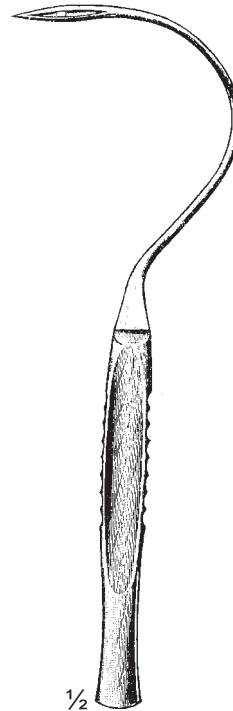
**Syme**  
**286-05-17**  
17 cm / 6 3/4"



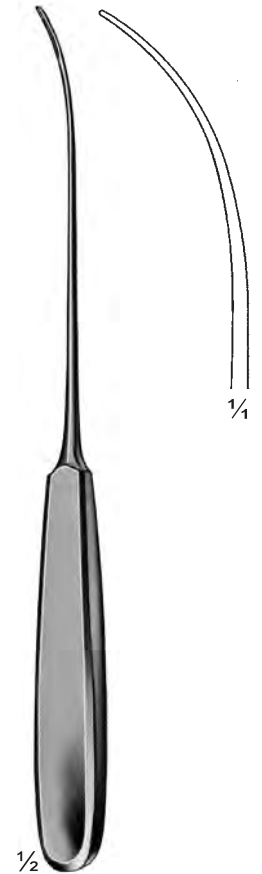
**Craft**  
**286-06-19**  
19 cm / 7 1/2"



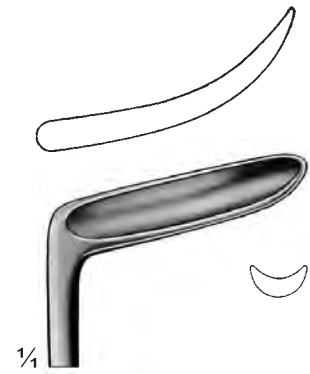
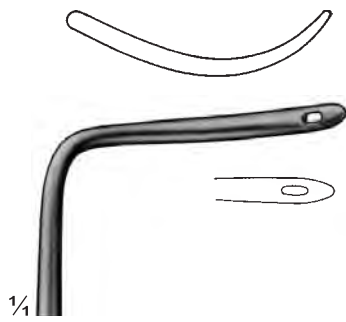
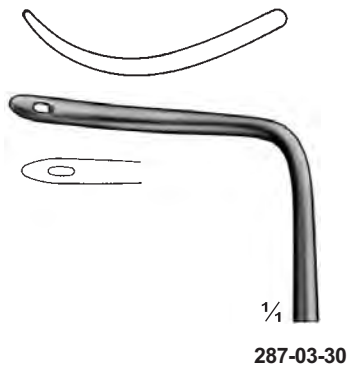
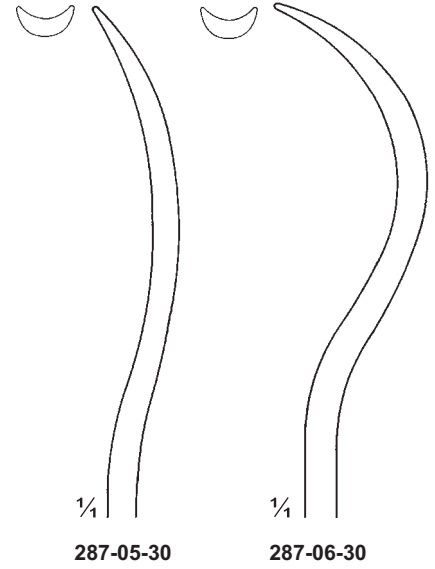
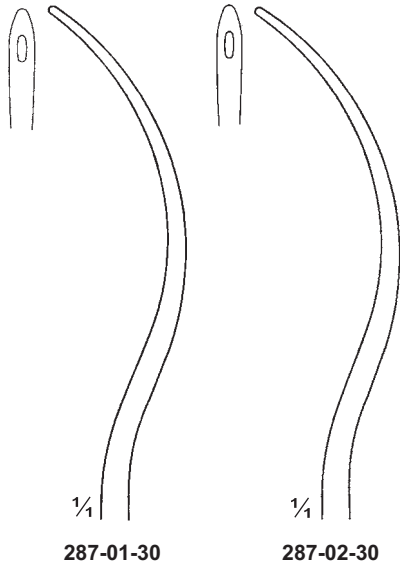
**Craft**  
**286-07-19**  
19 cm / 7 1/2"



**Craft**  
**286-08-19**  
19 cm / 7 1/2"



**286-09-23**  
23 cm / 9"

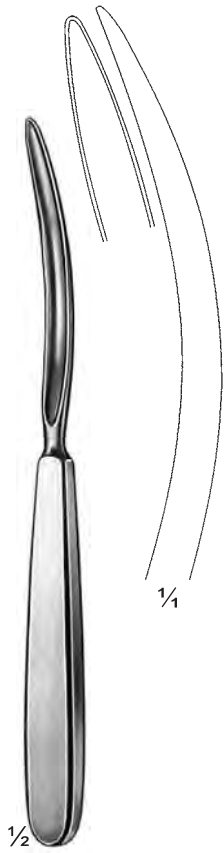


Brunner  
287-01-30 To 287-04-30  
30 cm / 12"

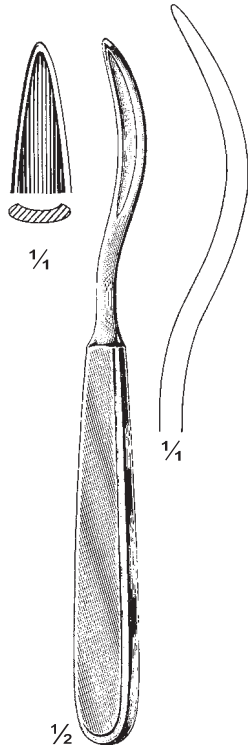
287-04-30

Brunner  
287-05-30 To 287-08-30  
30 cm / 12"  
Guiding probes

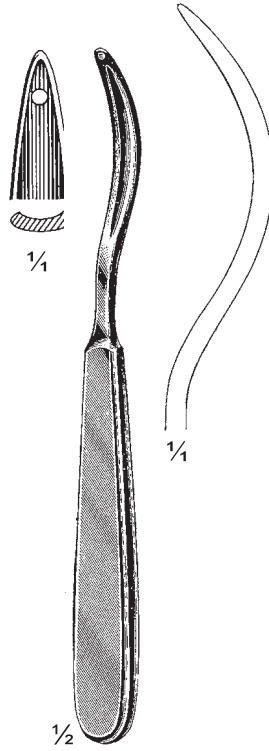
287-08-30



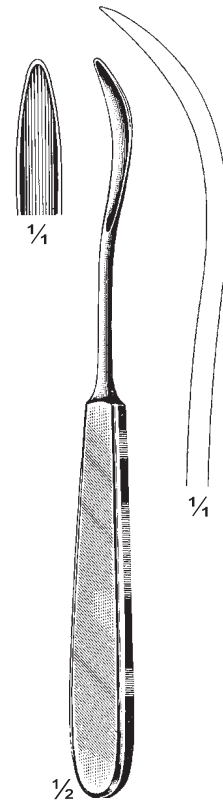
**288-01-19**  
19 cm / 7½"



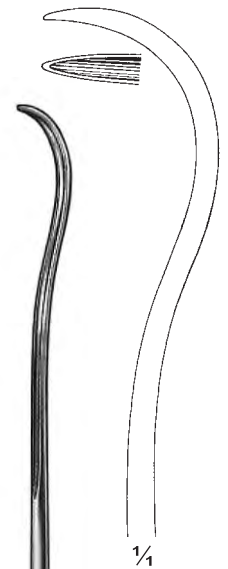
Schmieden  
**288-02-19**  
19 cm / 7½"



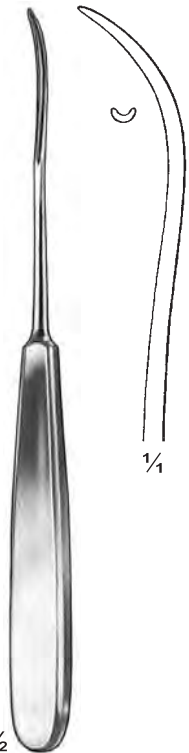
Schmieden-Payr  
**288-03-19**  
19 cm / 7½"



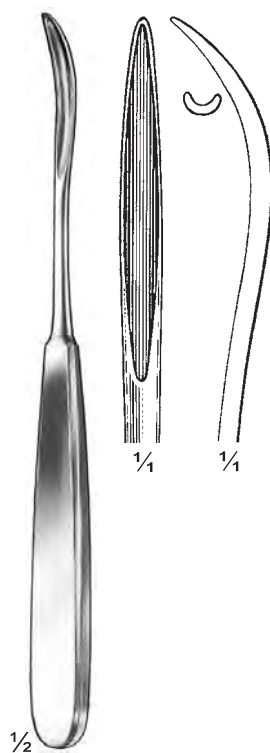
Koenig  
**288-04-20**  
20 cm / 8"



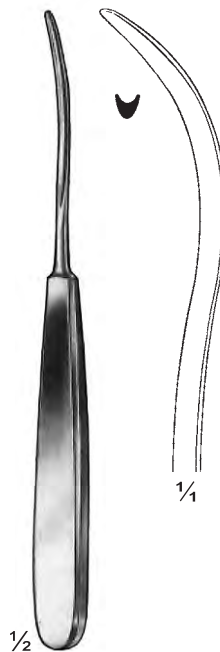
**288-09-28**  
28 cm / 11"



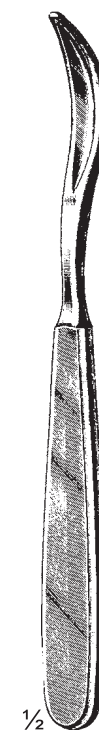
Koenig  
**288-05-19**  
19.5 cm / 7¾"



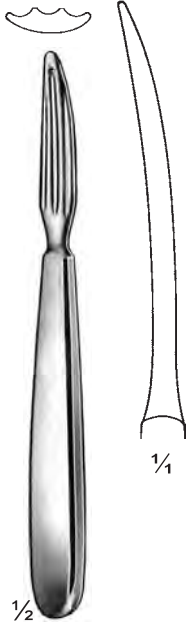
Koenig  
**288-06-19**  
19.5 cm / 7¾"



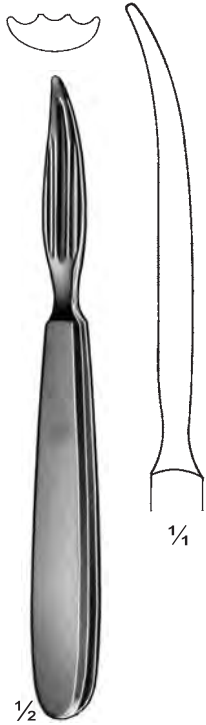
**288-07-17**  
17 cm / 6¾"



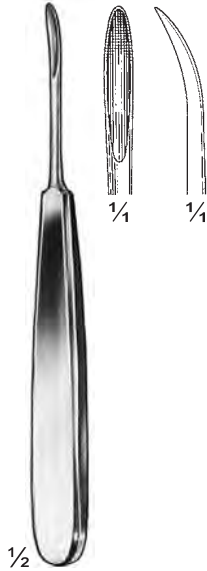
Stille  
**288-08-19**  
19 cm / 7½"



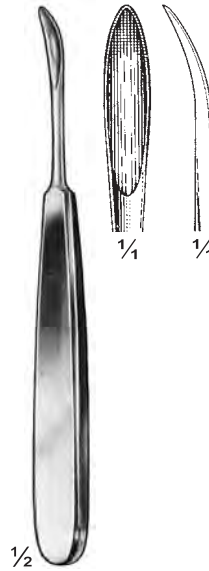
**Kocher**  
**289-01-15**  
 15 cm / 6"



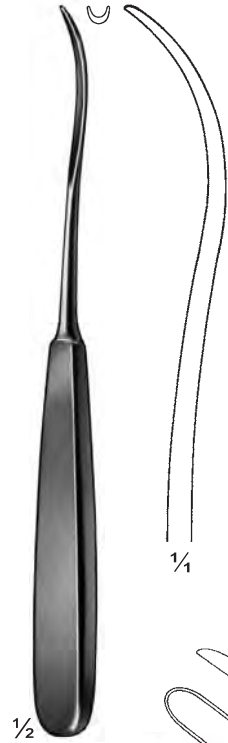
**Kocher**  
**289-02-17**  
 17 cm / 6¾"



**289-03-15**  
 15 cm / 6"



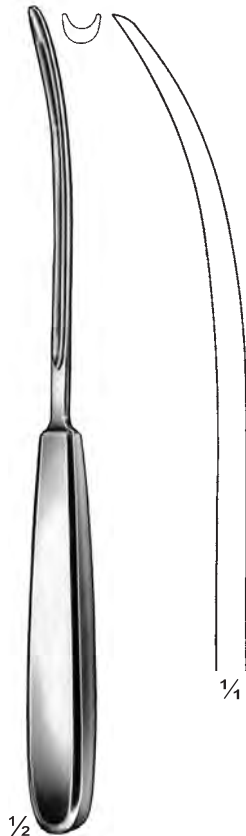
**289-04-15**  
 15 cm / 6"



**289-05-20**  
 20 cm / 8"



**Payr**  
**289-06-19**  
 19.5 cm / 7¾"



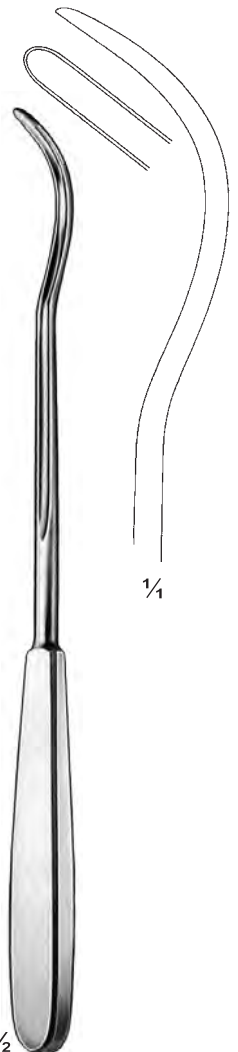
**Payr**  
**289-07-22**  
 22.5 cm / 9"



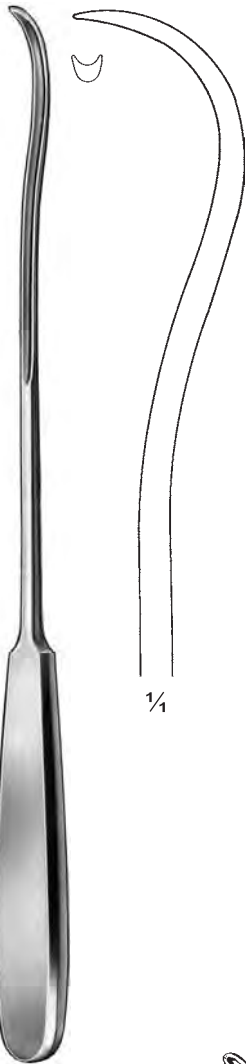
**Hofmeister**  
**289-08-21**  
 21 cm / 8¼"



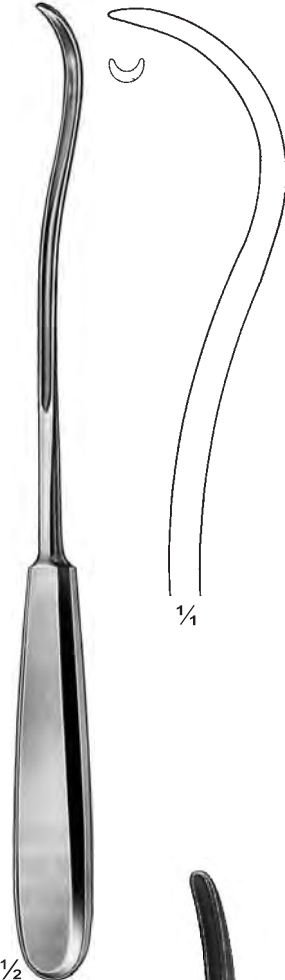
**Ferrozell**  
**289-09-24**  
 24 cm / 9½"



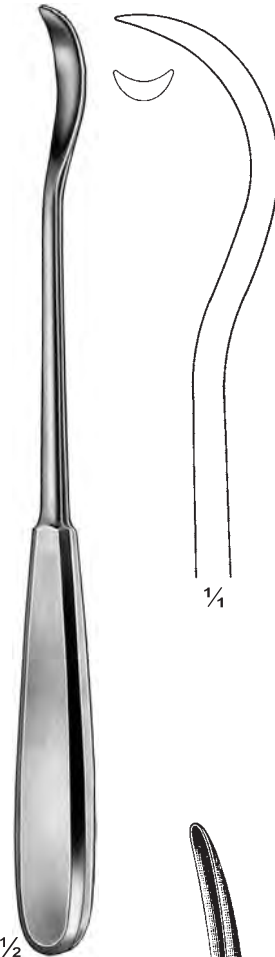
**Kirschner**  
**289-10-25**  
 25.5 cm / 10⅙"



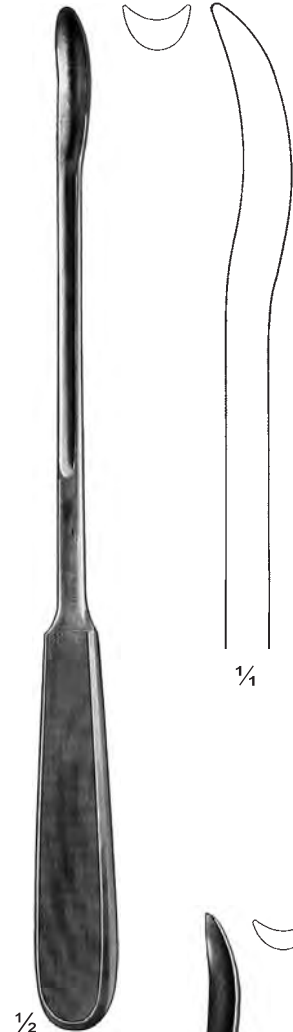
1/2  
**290-01-28**  
28 cm / 11"



1/2  
Kirschner  
**290-02-25**  
25 cm / 10"



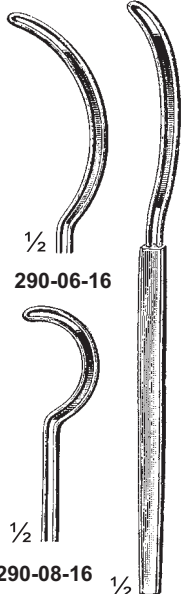
1/2  
Brunner  
**290-03-24**  
24.5 cm / 9 3/4"



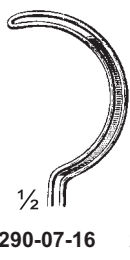
1/2  
**290-04-18**  
18.5 cm / 7 1/4"



Lebsche  
**290-05-25**  
25 cm / 10"



1/2  
**290-06-16**



1/2  
**290-07-16**



1/2  
**290-08-16**

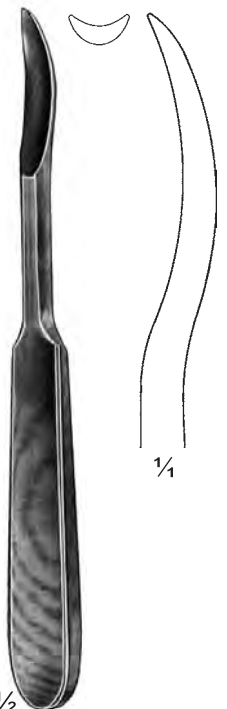
Braatz Krause  
**290-06-16 To 290-08-16**  
16 cm / 6 1/4"



1/2  
**290-09-18**  
18.5 cm / 7 1/4"



1/2  
Ferrozel  
**290-10-18** Str  
**290-11-18** Cur  
18 cm / 7"



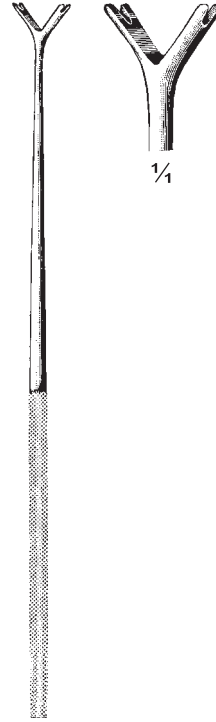
1/2  
**290-12-18**  
18.5 cm / 7 1/4"



$\frac{1}{2}$   
Wiener Modell  
**291-01-23**  
23.5 cm / 9 $\frac{1}{4}$ "  
Suture hook



$\frac{1}{2}$   
Henton  
**291-02-20**  
20 cm / 8"



La Force  
**291-03-19**  
19 cm / 7 $\frac{1}{2}$ "



$\frac{1}{2}$   
Caspar  
**291-04-23**  
23 cm / 9"  
Knot tier and  
ligature adjuster



**291-05-23**  
23 cm / 9"



$\frac{1}{2}$   
Friedrich  
**291-06-16**  
16.5 cm / 6 $\frac{1}{2}$ "  
Ligature carrier



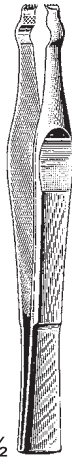
$\frac{1}{2}$   
Bozemann  
**291-07-22**  
22 cm / 8 $\frac{3}{4}$ "  
Suture hook and  
knot tier



Bozemann  
**291-08-22**  
22 cm / 8 $\frac{3}{4}$ "  
Suture hook and  
knot tier



$\frac{1}{2}$   
Michel  
292-01-12  
12 cm / 4 $\frac{3}{4}$ "



$\frac{1}{2}$   
Wachenfeldt  
292-02-12  
12.5 cm / 5"



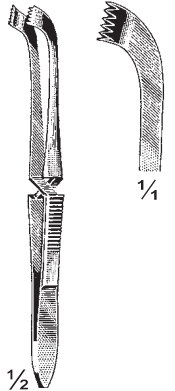
$\frac{1}{2}$   
Hegenbarth  
292-03-12  
12.5 cm / 5"



$\frac{1}{2}$   
Ochsner  
292-04-14  
14 cm / 5 $\frac{1}{2}$ "



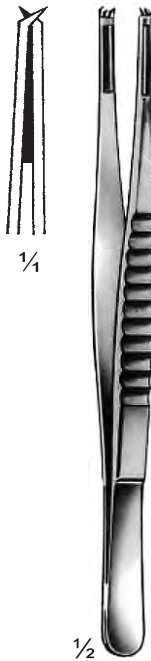
$\frac{1}{2}$   
Child  
292-05-17  
17 cm / 6 $\frac{3}{4}$ "



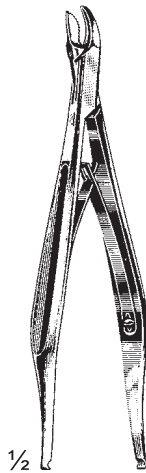
$\frac{1}{2}$   
Lange  
292-06-10  
10 cm / 4"



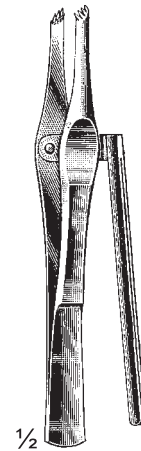
$\frac{1}{2}$   
292-07-15  
15 cm / 6"



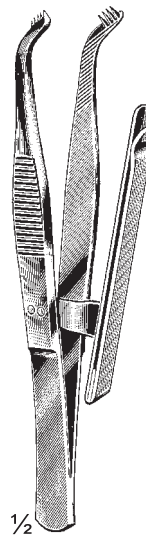
$\frac{1}{4}$   
292-08-15 15 cm / 6"  
292-09-18 18 cm / 7"



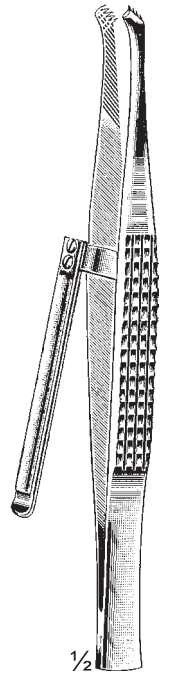
$\frac{1}{2}$   
Michel  
292-10-13  
13 cm / 5 $\frac{1}{8}$ "



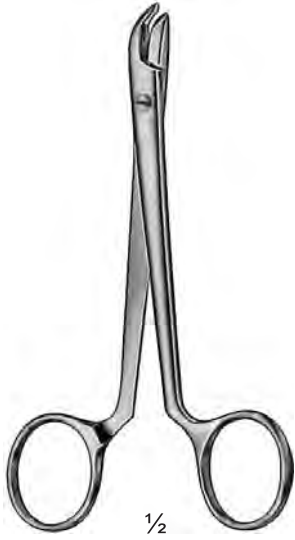
$\frac{1}{2}$   
Wachenfeldt  
292-11-12  
12 cm / 4 $\frac{3}{4}$ "  
With clip holder



$\frac{1}{2}$   
Child  
292-12-14  
14.5 cm / 5 $\frac{3}{4}$ "  
With clip holder



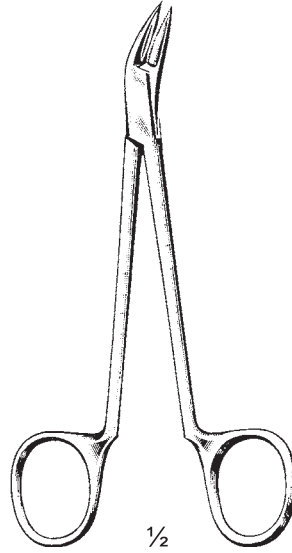
$\frac{1}{2}$   
Child  
292-13-18  
18 cm / 7"  
With clip holder



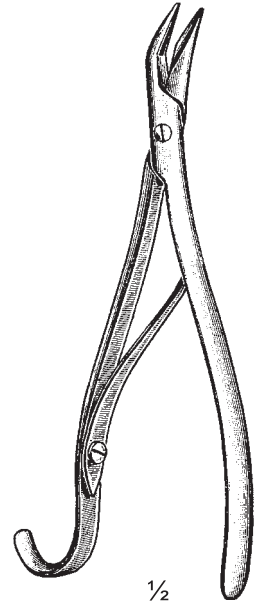
Collin  
293-01-13  
13.5 cm / 5¼"



Heath  
293-02-13  
13.5 cm / 5¼"



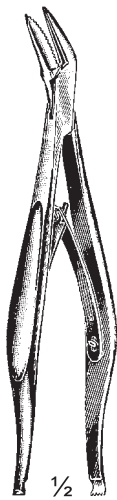
293-03-14  
14 cm / 5½"



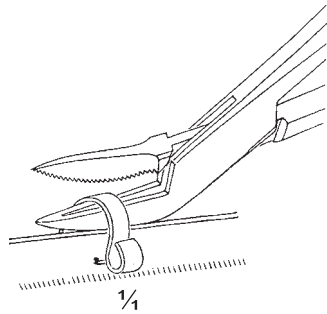
Braith-Waite  
293-04-16 16 cm / 6¼"  
293-05-17 17 cm / 6¾"



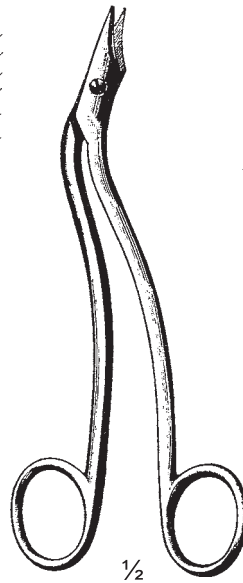
Michel  
293-06-12  
12.5 cm / 5"



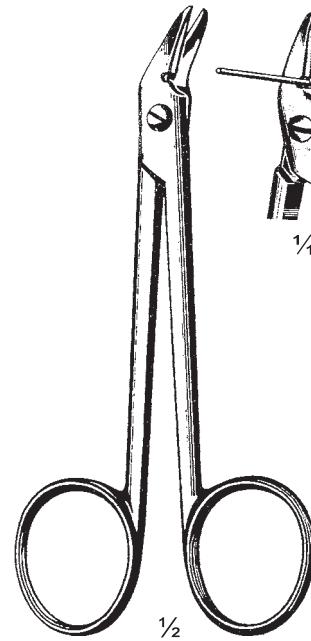
Michel Modif.  
293-07-13  
13 cm / 5⅛"  
One blade serrated



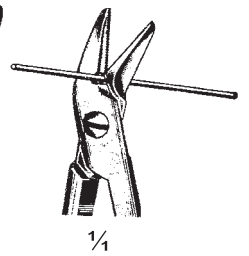
¼



Heath  
293-08-15  
15 cm / 6"  
One blade serrated

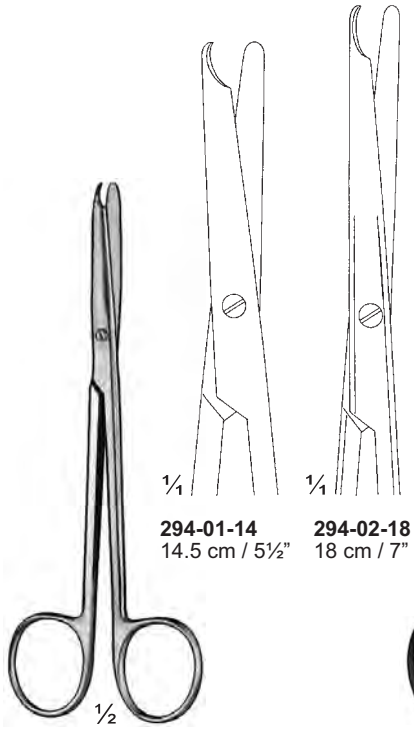


Universal  
293-09-12  
12 cm / 4¾"



¼

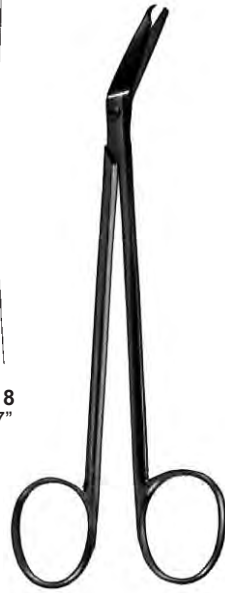




294-01-14  
14.5 cm / 5½"

294-02-18  
18 cm / 7"

Buck  
294-01-14 & 294-02-18



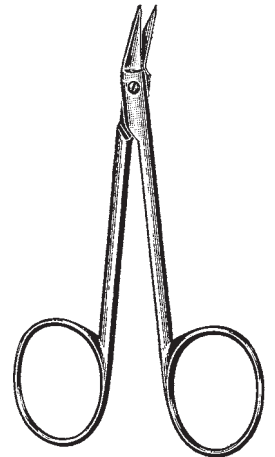
Locklin  
294-03-15  
15 cm / 6"



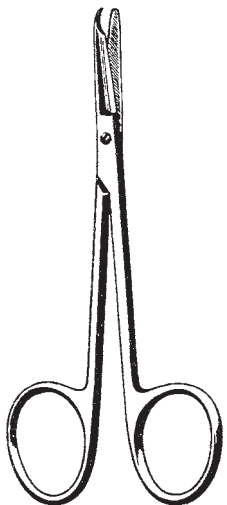
Kelly  
294-04-15  
15 cm / 6"



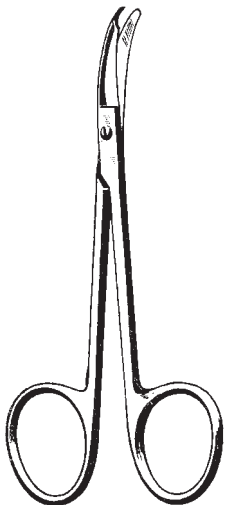
Spencer  
294-05-11  
11.5 cm / 4½"



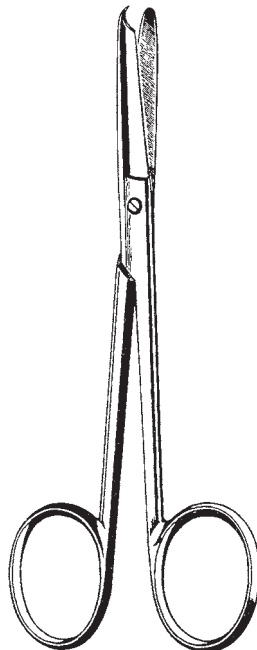
O'Brien  
294-06-09  
9 cm / 3½"



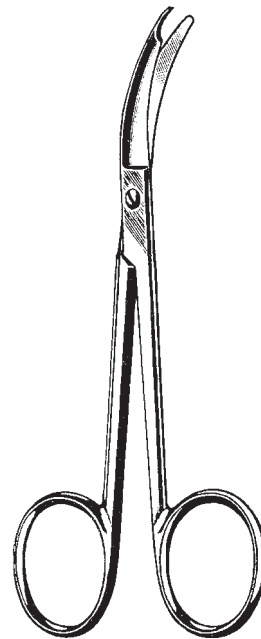
Spencer  
294-07-09  
9 cm / 3½"



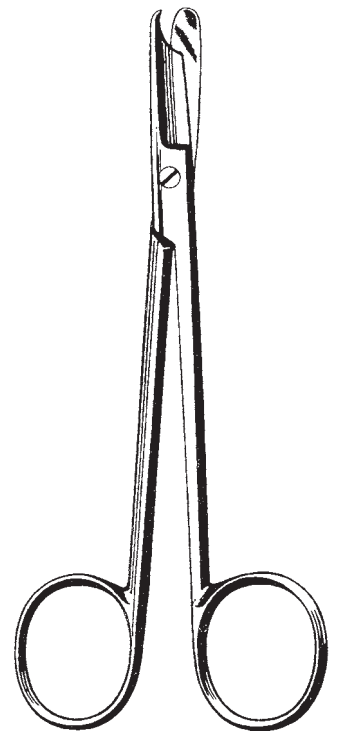
Spencer  
294-08-09  
9 cm / 3½"



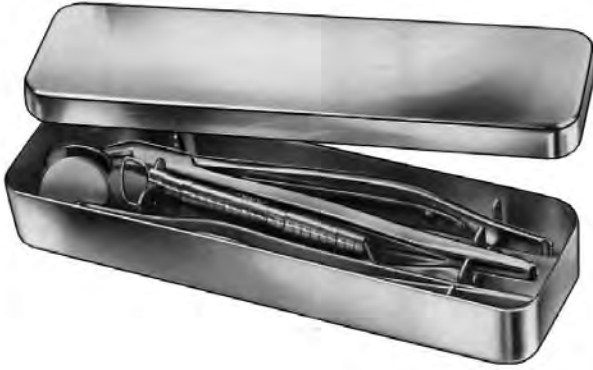
Spencer  
294-09-12  
12.5 cm / 5"



Spencer-Northbent  
294-10-12  
12.5 cm / 5"



Spencer  
294-11-15  
15 cm / 6"



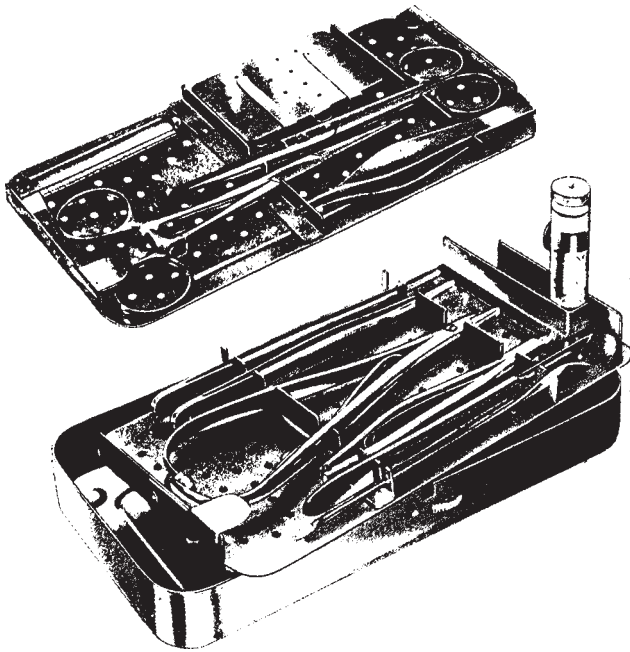
**Michel**  
**295-01-00**

Suture set in case consisting of :  
1 Clip applying forceps  
1 Clip applying and removing forceps  
1 Clip holder  
25 Michel clips



**295-02-00**

Suture set in case consisting of :  
1 Scissors, cur, sh/sh, 11.5 cm  
1 Michel clip applying and removing forceps  
25 Michel clips, 16 X 3 mm  
1 Delicate tissue forceps, 13 cm  
1 Scalpel, bellied  
1 Mathieu needle holder, 14 cm  
1 Perforated metal case, stainless  
1 Suture needle



**295-03-00**

Complete in metal case with plastic pouch and 2 removable perforated trays consisting :

- 1 Mathieu needle holder, 17 cm
- 1 Flacon with sterilized silk in alcohol
- 6 Suture needles assorted
- 1 Needle case, 65 X 42 mm, perforated
- 1 Michel suture clip forceps
- 20 Michel suture clips with clip holder
- 1 Scalpel handle with blade
- 3 Scalpel blades, interchangeable
- 1 Scissor, str, bl/sh, 14.5 cm
- 1 Dressing forceps, 14.5 cm
- 1 Tissue forceps, 1 X 2 Teeth, 14.5 cm
- 1 Feilchenfeld splinter forceps, 11.5 cm
- 1 Kocher artery forceps, 14 cm
- 1 Probe with myrtle leaf, 13 cm



**Assistent Standard**

**295-04-00**  
Complete in metal case with plastic pouch and 2 removable perforated trays consisting :

- 1 Mathieu needle holder, 14 cm
- 1 Flacon with sterilized silk in alcohol
- 6 Suture needles assorted
- 1 Needle case, 65 X 42 mm, perforated
- 1 Michel suture clip forceps
- 20 Michel suture clips with clip holder
- 1 Scalpel handle with blade
- 3 Scalpel blades, interchangeable
- 1 Scissor, str, bl/sh, 13 cm
- 1 Dressing forceps, 11.5cm
- 1 Tissue forceps, 1 X 2 Teeth, 12 cm
- 1 Hunter splinter forceps, 10.5 cm
- 1 Kocher artery forceps, str, 13 cm
- 1 Probe with myrtle leaf, 13 cm



**Vanaeseccio**

**296-01-00**

Complete in metal case 200 X 100 X 32 mm  
with 2 perforated trays of 18/8 stainless consisting :

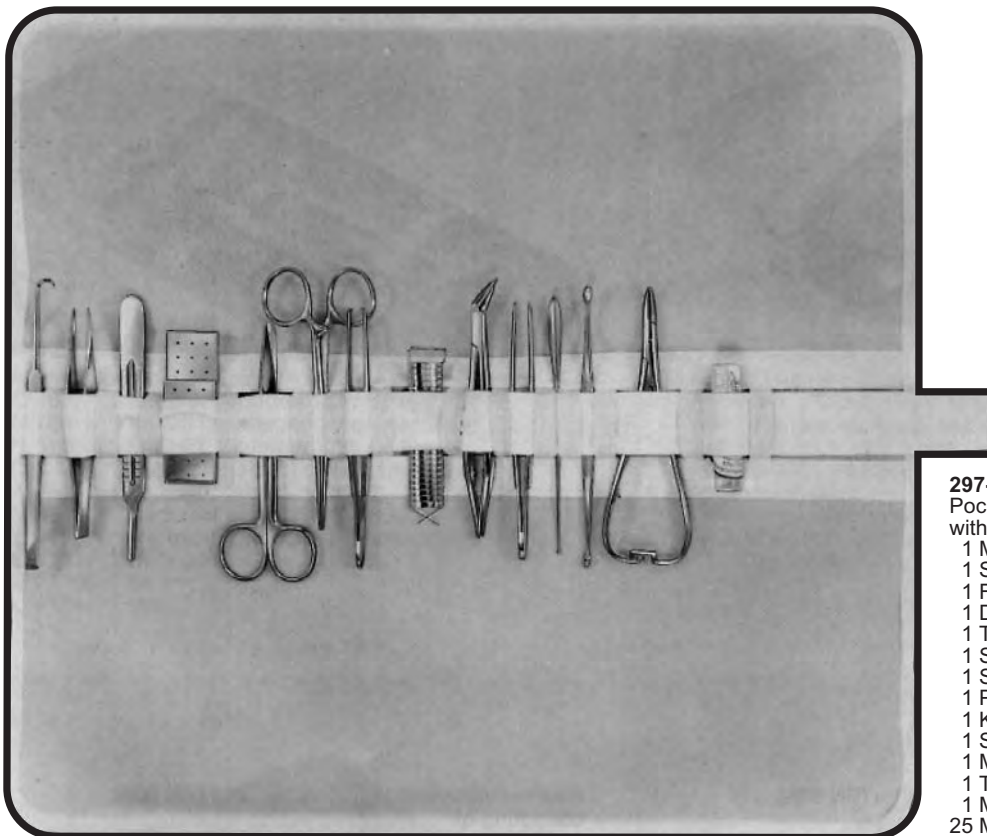
- 1 Scalpel handle No. 4
- 1 Scalpel blade No. 20 attached to handle No. 4
- 1 Scalpel blade No. 20
- 1 Scalpel blade No. 22 in small, perforated
- 1 Scalpel blade No. 23 container
- 1 Artery and vessel scissors with knob
- 1 Scissors, curv, pointed/pointed, 10.5 cm
- 1 Semken dressing forceps, serr, 12 cm
- 1 Semken dressing forceps, 1 X 2 T, 12 cm
- 2 Halstead mosquito forceps, cur, 12.5 cm
- 2 Halstead mosquito forceps, str, 1 X 2 T, 12.5 cm
- 3 Backhaus towel clamps, 8 cm
- 1 Finsen retractor, adjustable
- 1 Doyen probe/director, cur
- 1 Mathieu needle holder, 14 cm
- 3 Suture needles, assorted, in small container
- 1 Flacon suture silk, in alcohol
- 1 Lange approximation forceps, self-retaining
- 1 Michel suture clip forceps
- 20 Michel suture clips on rack
- 1 Ligature needle, fine
- 1 Perforation small container for needles and scalpel blades 65 X 42 mm
- 1 Plastic pouch only

**296-02-00**

Complete in metal case 200 X 100 X 25 mm, with 1 plastic pouch and 1 perforated trays consisting :



- 297-01-00**  
 Complete in metal case 200 X 100 X 25 mm, with plastic pouch and 1 removeable perforated tray consisting :
- 1 Perineum (Episiotomy) scissors, 14.5 cm
  - 1 Needle holder mathieu, 20 cm
  - 1 Operating scissors, str, bl/sh, 14.5 cm
  - 1 Kocher hemostatic forceps, 14.5 cm
  - 1 Dressing forceps, 16 cm
  - 1 Tissue forceps, 1 X 2 T, 16 cm
  - 6 Suture needles, assorted
  - 1 Needle case 65 X 42 mm, perforated
  - 1 Flacon suture silk in alcohol
  - 1 Flacon catgut in alcohol



- 297-02-00**  
 Pocket instrument set in metal case 170 X 90 mm, with sterilizable canvas roll consisting :
- 1 Myrtle leaf probe, 13 cm
  - 1 Sharp double curette
  - 1 Feilchenfeld splinter forceps, 11.5 cm
  - 1 Dissecting forceps, 13 cm
  - 1 Tissue forceps, 13 cm
  - 1 Straight surgical scissors, 13 cm
  - 1 Scalpel handle No. 4
  - 1 Perforated metal case, containing 6 scalpel blades
  - 1 Kocher hemostatic forceps, 13 cm
  - 1 Skin hook
  - 1 Mathieu needle holder, 14 cm
  - 1 Tube of suture silk, sterile in alcohol
  - 1 Michel clip forceps, 12 cm
  - 25 Michel clips, 16 X 3 mm
  - 1 Perforated metal case, stainless containing :
  - 1 Suture needle
  - 1 item
  - 1 item



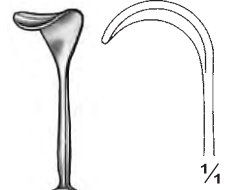
Masing  
298-01-14  
14 cm / 5 1/2"



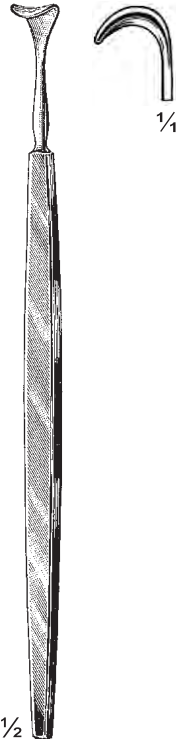
298-02-20  
298-08-24  
9 X 8 mm



298-03-20  
298-09-24  
9 X 10 mm



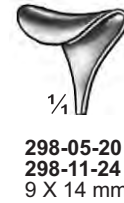
Cushing  
298-08-24 To 298-13-24  
24 cm / 9 1/2"



Cushing  
298-02-20 To 298-07-20  
20 cm / 8"



298-04-20  
298-10-24  
9 X 12 mm



298-05-20  
298-11-24  
9 X 14 mm



298-06-20  
298-12-24  
9 X 16 mm



298-07-20  
298-13-24  
9 X 18 mm



Cushing  
298-14-25 To 298-16-25  
25 cm / 10"



298-14-25  
11 X 14 mm



298-15-25  
13 X 18 mm



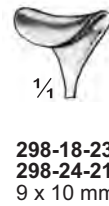
298-16-25  
15 X 22 mm



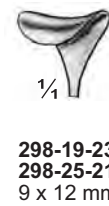
Cushing  
298-17-23 To 298-22-23  
23.5 cm / 9 1/4"



298-17-23  
298-23-21  
9 x 8 mm



298-18-23  
298-24-21  
9 x 10 mm



298-19-23  
298-25-21  
9 x 12 mm



298-20-23  
298-26-21  
9 x 14 mm



298-21-23  
298-27-21  
9 x 16 mm



298-22-23  
298-28-21  
9 x 18 mm



Cushing  
298-23-21 To 298-28-21  
21.5 cm / 8 1/4"



**299-01-24  
299-07-24**  
8 mm



**299-02-24  
299-08-24**  
11 mm



**299-03-24  
299-09-24**  
15 mm



**Gil-Vernet  
299-07-24 To 299-12-24**  
24 cm / 9 1/2"



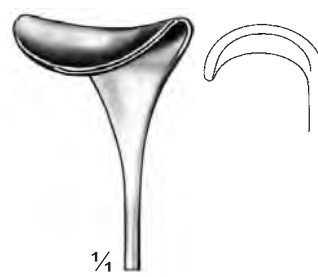
**Gil-Vernet Type  
299-01-24 To 299-06-24**  
24 cm / 9 1/2"



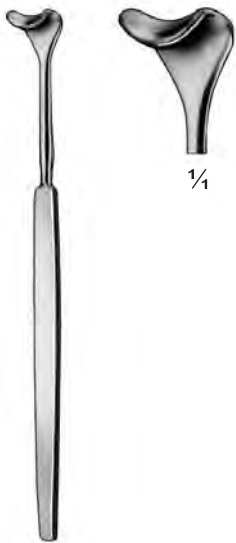
**299-04-24  
299-10-24**  
17 mm



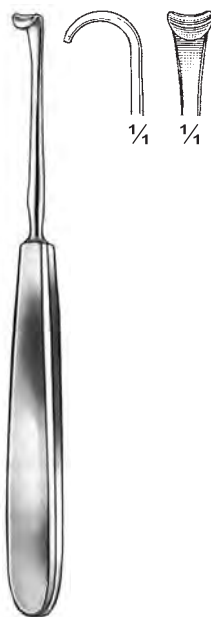
**299-05-24  
299-11-24**  
20 mm



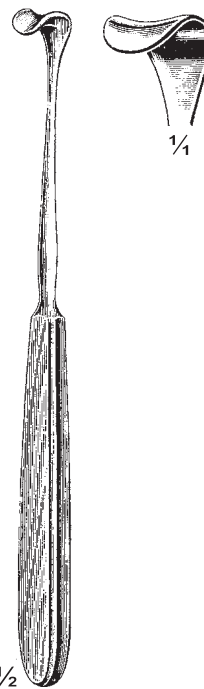
**299-06-24  
299-12-24**  
23 mm



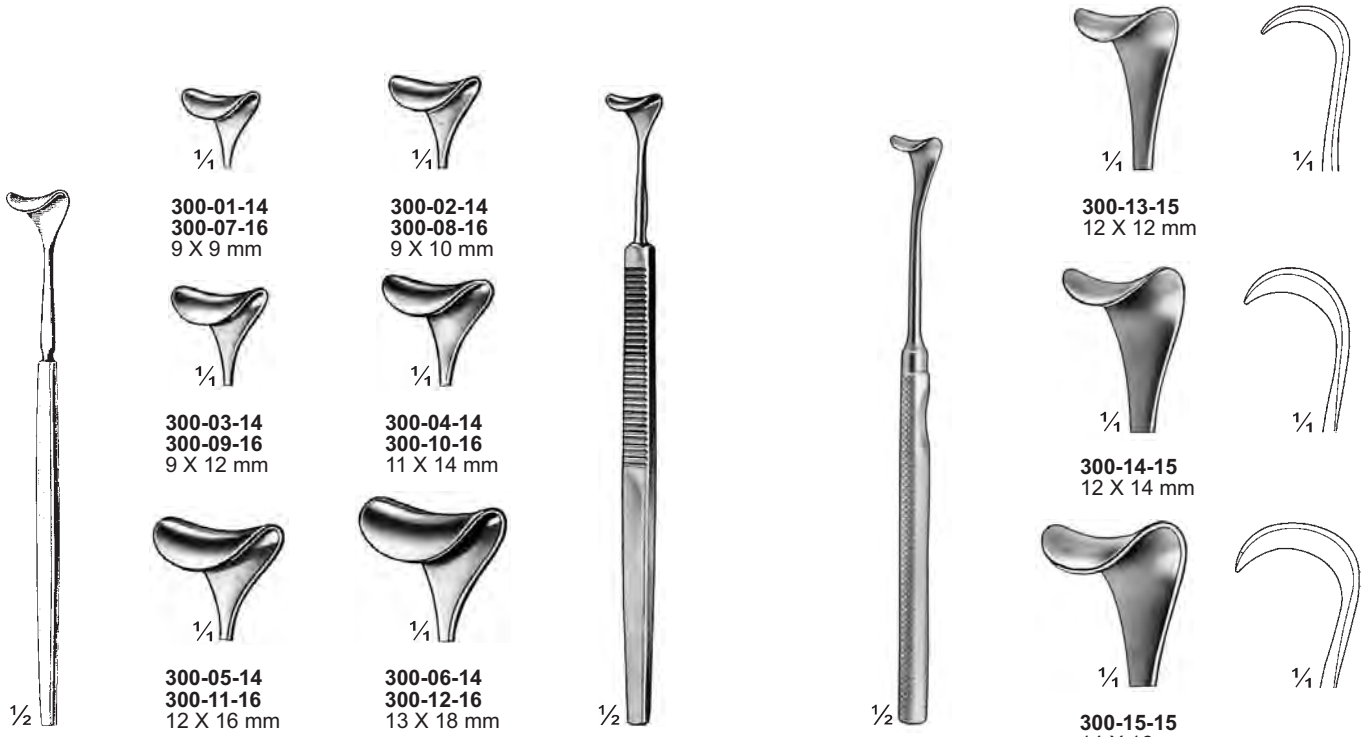
**Cottle  
299-13-14**  
14 cm / 5 1/2"



**299-14-17**  
17 cm / 6 3/4"



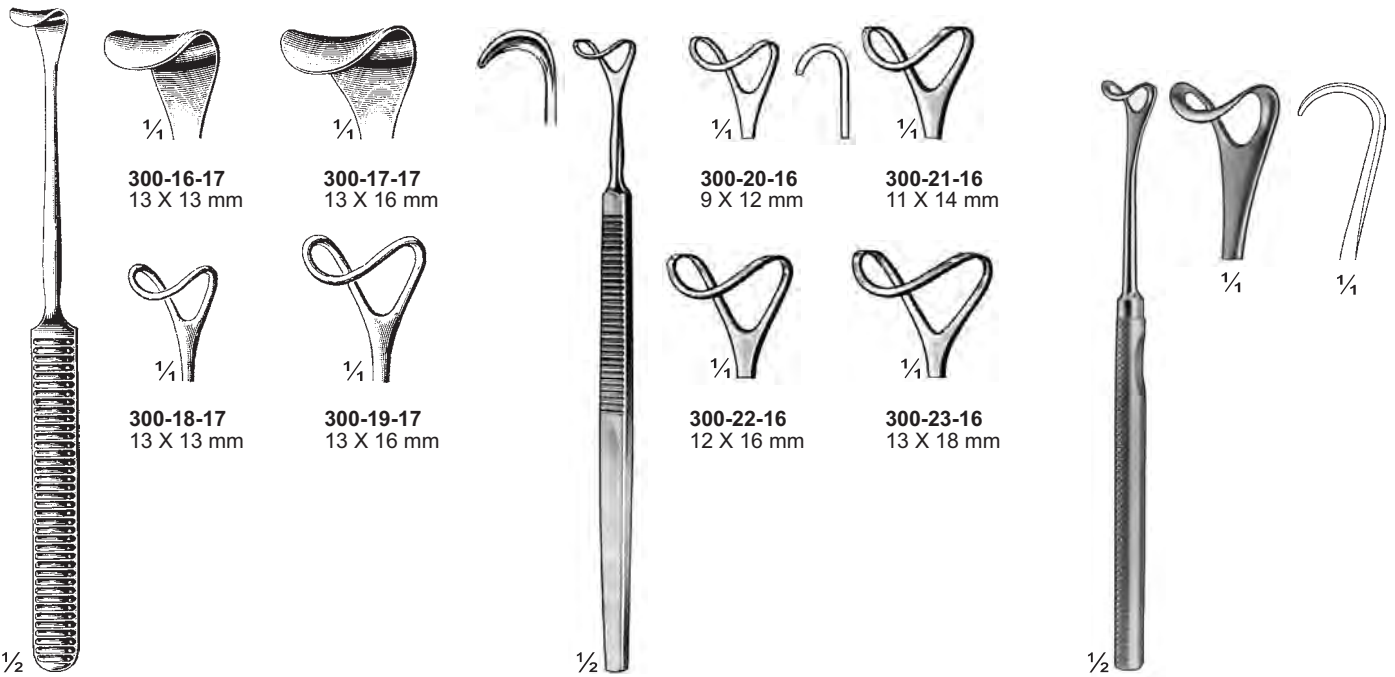
**Cushing Kocher  
299-15-18**  
18 cm / 7"



Desmarres  
300-01-14 To 300-06-14  
14 cm / 5½"

Desmarres  
300-07-16 To 300-12-16  
16 cm / 6¼"

Mannerfelt Modif.  
300-13-15 To 300-15-15  
15 cm / 6"



Koenig  
300-16-17 To 300-19-17  
17 cm / 6¾"

300-20-16 To 300-23-16  
16 cm / 6¼"

Mannerfelt Modif.  
300-24-15  
15 cm / 6"

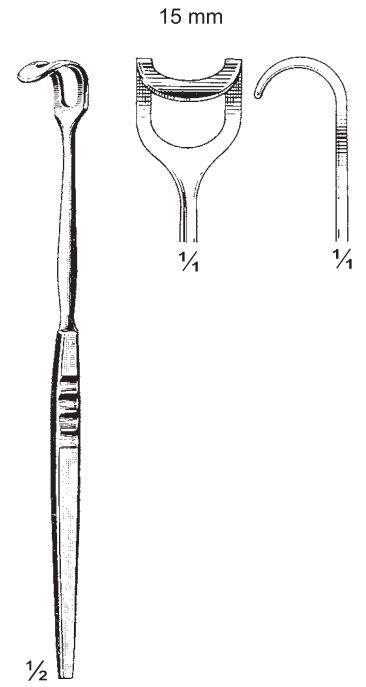
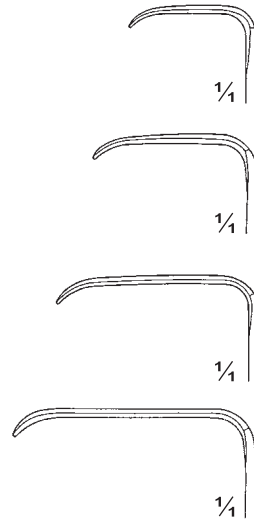
**Wundhaken  
Retractors  
Ecarteurs**



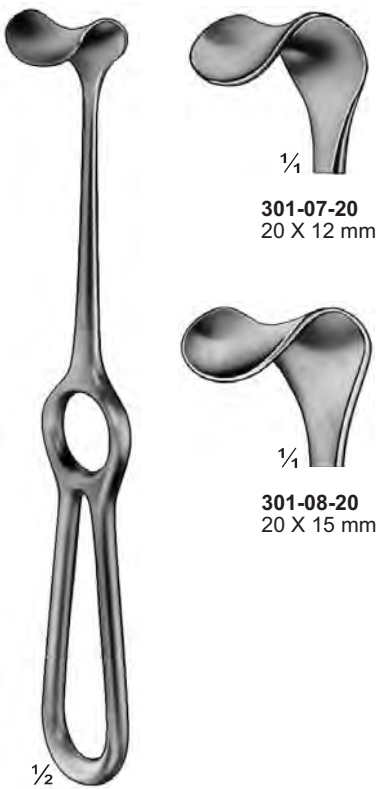
Mannerfelt Modif.  
**301-01-15**  
15 cm / 6"



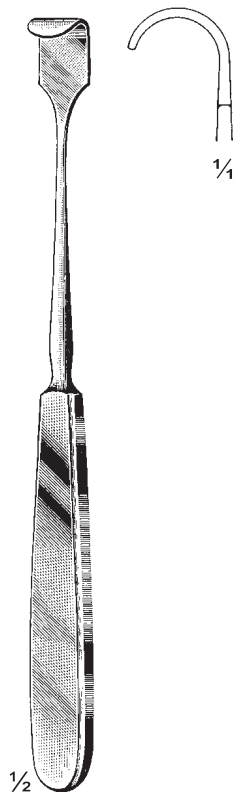
Langenbeck-  
Mannerfelt Modif.  
**301-02-15 To 301-05-15**  
15 cm / 6"



Handte  
**301-06-17**  
17 cm / 6 3/4"



Kocher  
**301-07-20 & 301-08-20**  
20 cm / 8"



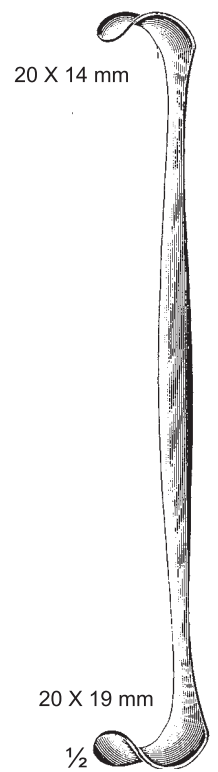
Little  
**301-09-20**  
20 cm / 8"



Schoenborn  
**301-10-20**  
20 cm / 8"  
13 X 6 mm

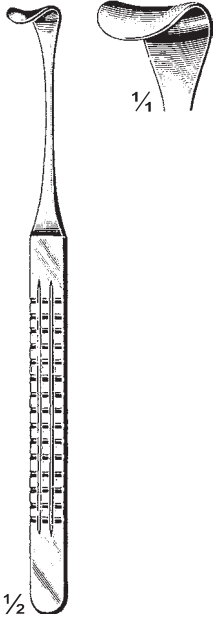


Cushing  
**301-11-20**  
20 cm / 8"

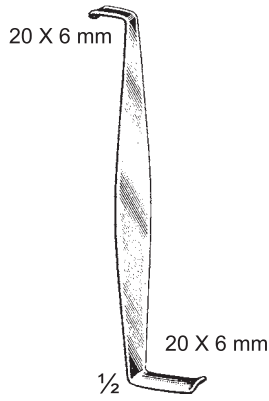


**301-12-20**  
20 cm / 8"

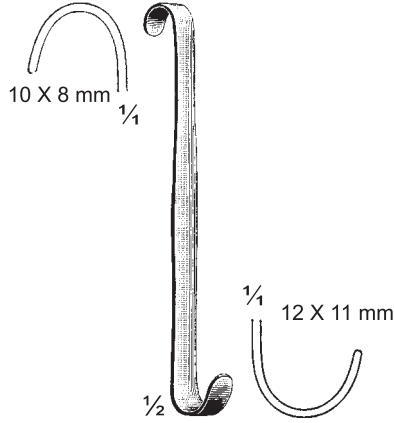




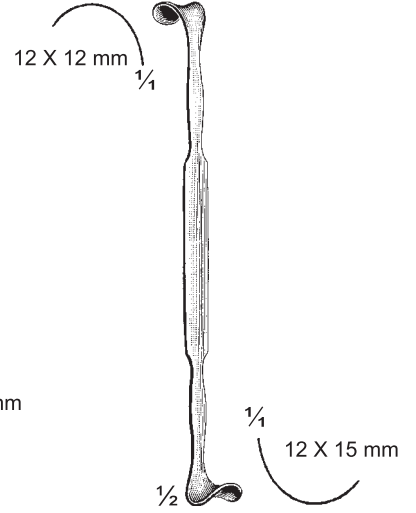
**302-01-16**  
16 cm / 6 1/4"



Crile  
**302-02-11**  
11 cm / 4 1/4"



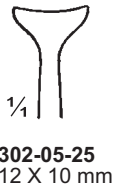
Luer  
**302-03-11**  
11 cm / 4 1/4"



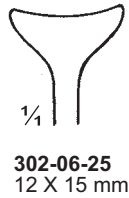
Rose  
**302-04-13**  
13 cm / 5 1/8"



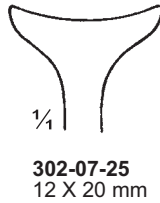
Love (Morse)  
**302-05-25 To 302-10-25**  
25 cm / 10"



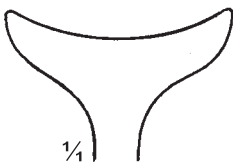
**302-05-25**  
12 X 10 mm



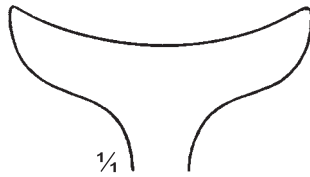
**302-06-25**  
12 X 15 mm



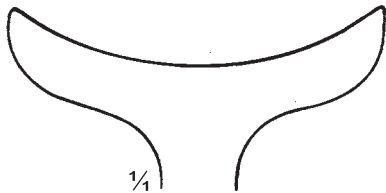
**302-07-25**  
12 X 20 mm



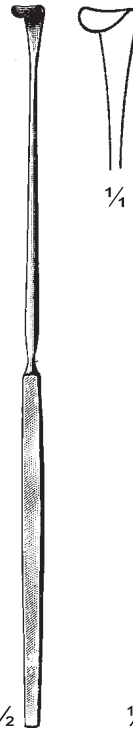
**302-08-25**  
12 X 30 mm



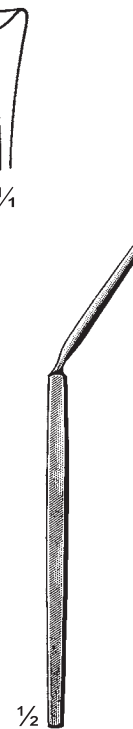
**302-09-25**  
15 X 40 mm



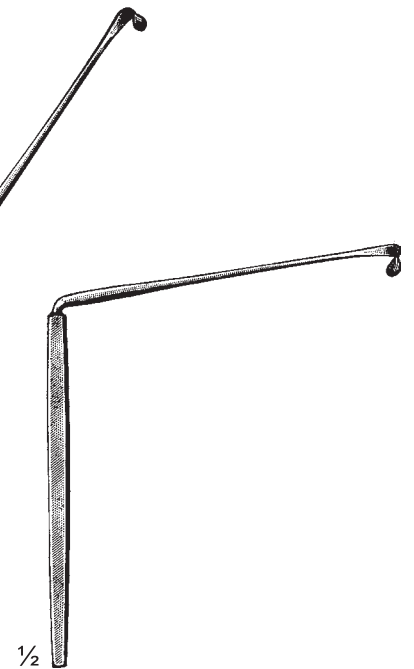
**302-10-25**  
15 X 50 mm



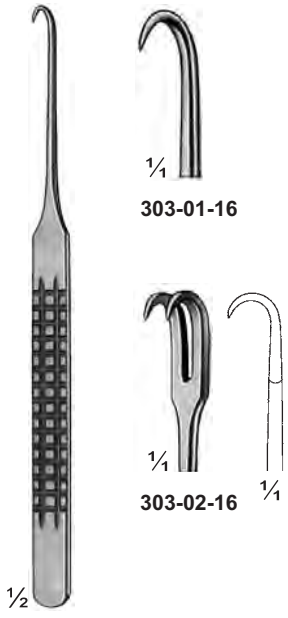
Love  
**302-11-00**  
19 cm / 7 1/2"



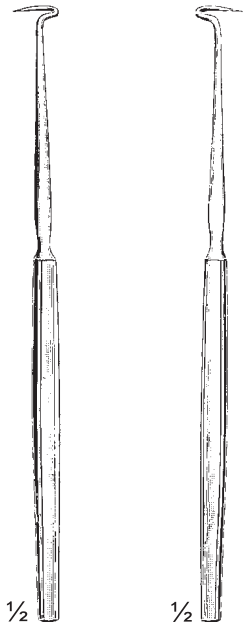
Love  
**302-12-45**  
19 cm / 7 1/2"  
45°



Love  
**302-90**  
19 cm / 7 1/2"  
90°



**303-01-16 & 303-02-16**  
16 cm / 6 1/4"

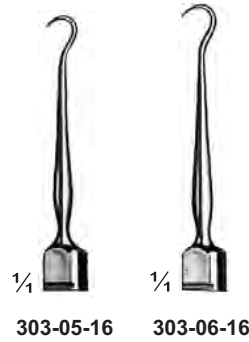


**Bose 303-03-16**  
16 cm / 6 1/4"

**Bose 303-04-16**  
16 cm / 6 1/4"

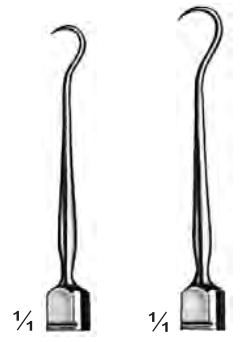


**303-05-16 To 303-08-16**  
16 cm / 6 1/4"



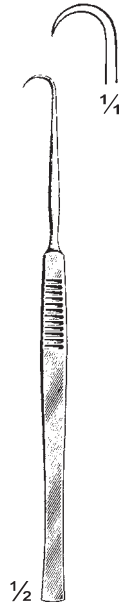
**303-05-16**

**303-06-16**

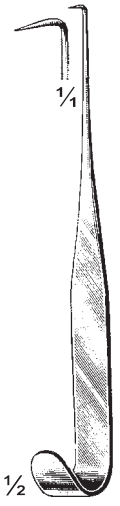


**303-07-16**

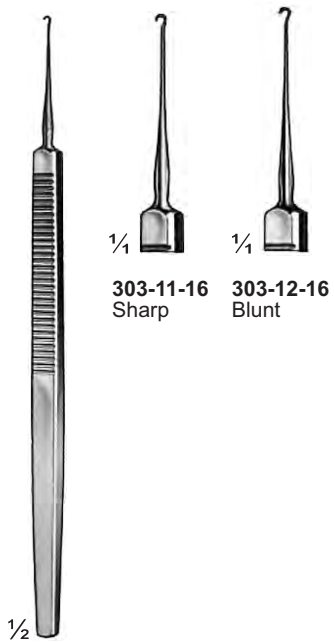
**303-08-16**



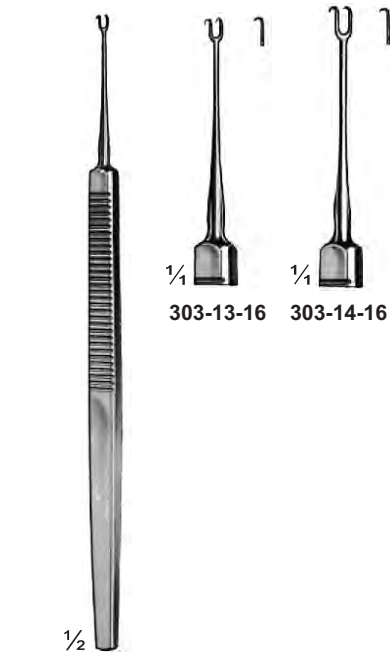
**Bergmann 303-09-14**  
14 cm / 5 1/2"



**Jackson 303-10-13**  
13 cm / 5 1/8"



**Graefe 303-11-16 & 303-12-16**  
16 cm / 6 1/4"



**Guthrie 303-13-16 & 303-14-16**  
16 cm / 6 1/4"



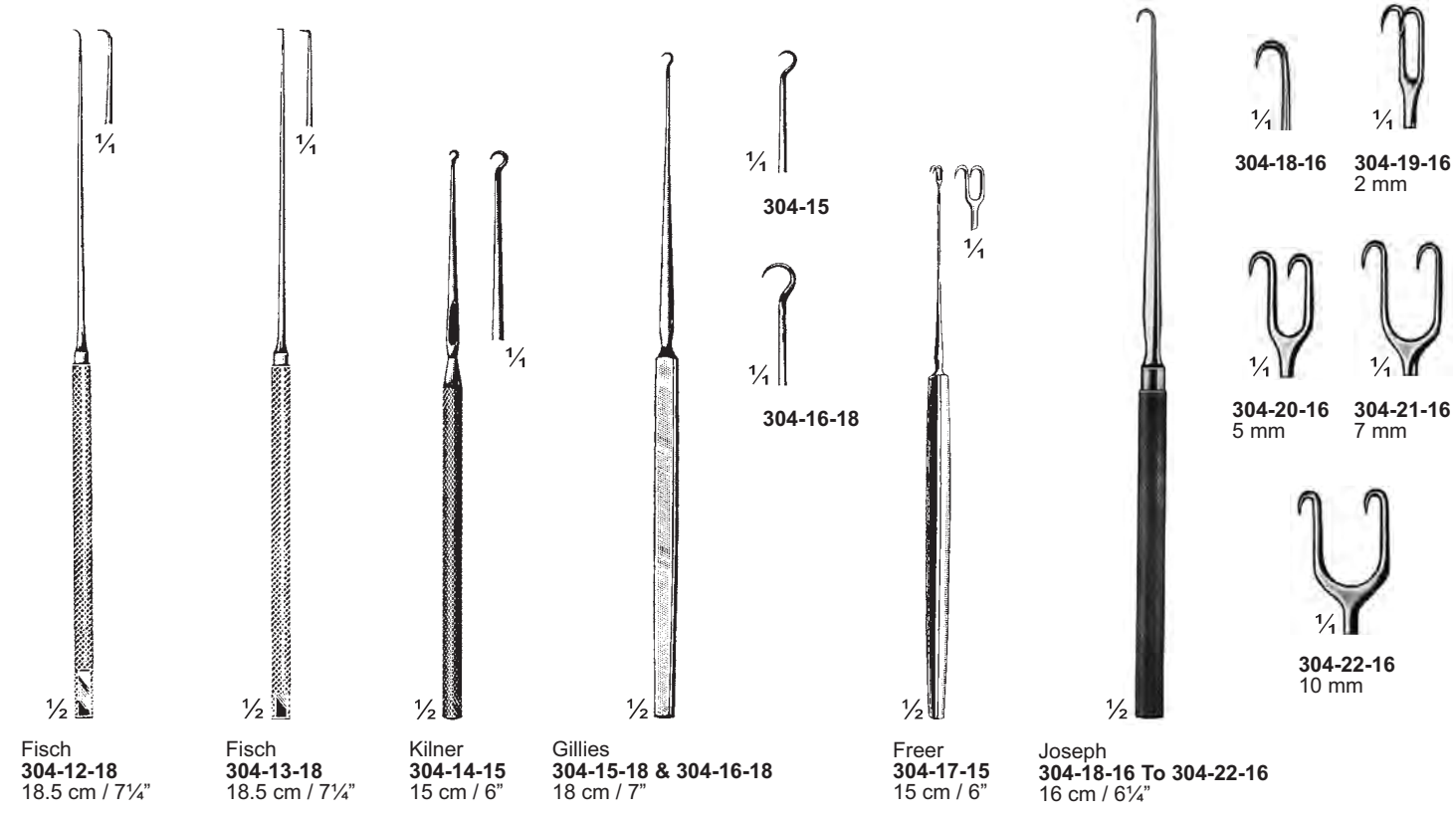
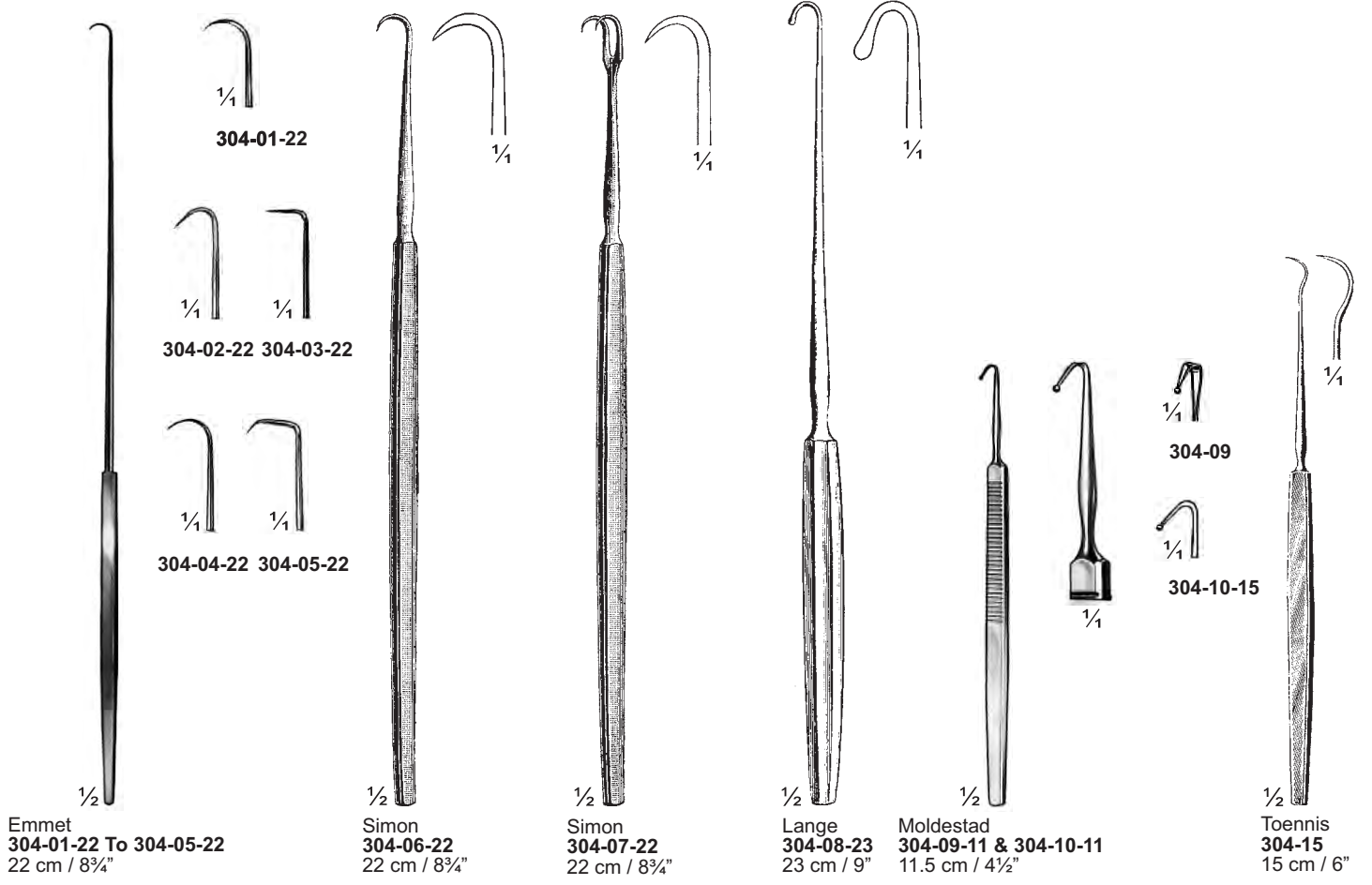
**O Conner 303-15-16**  
16 cm / 6 1/4"

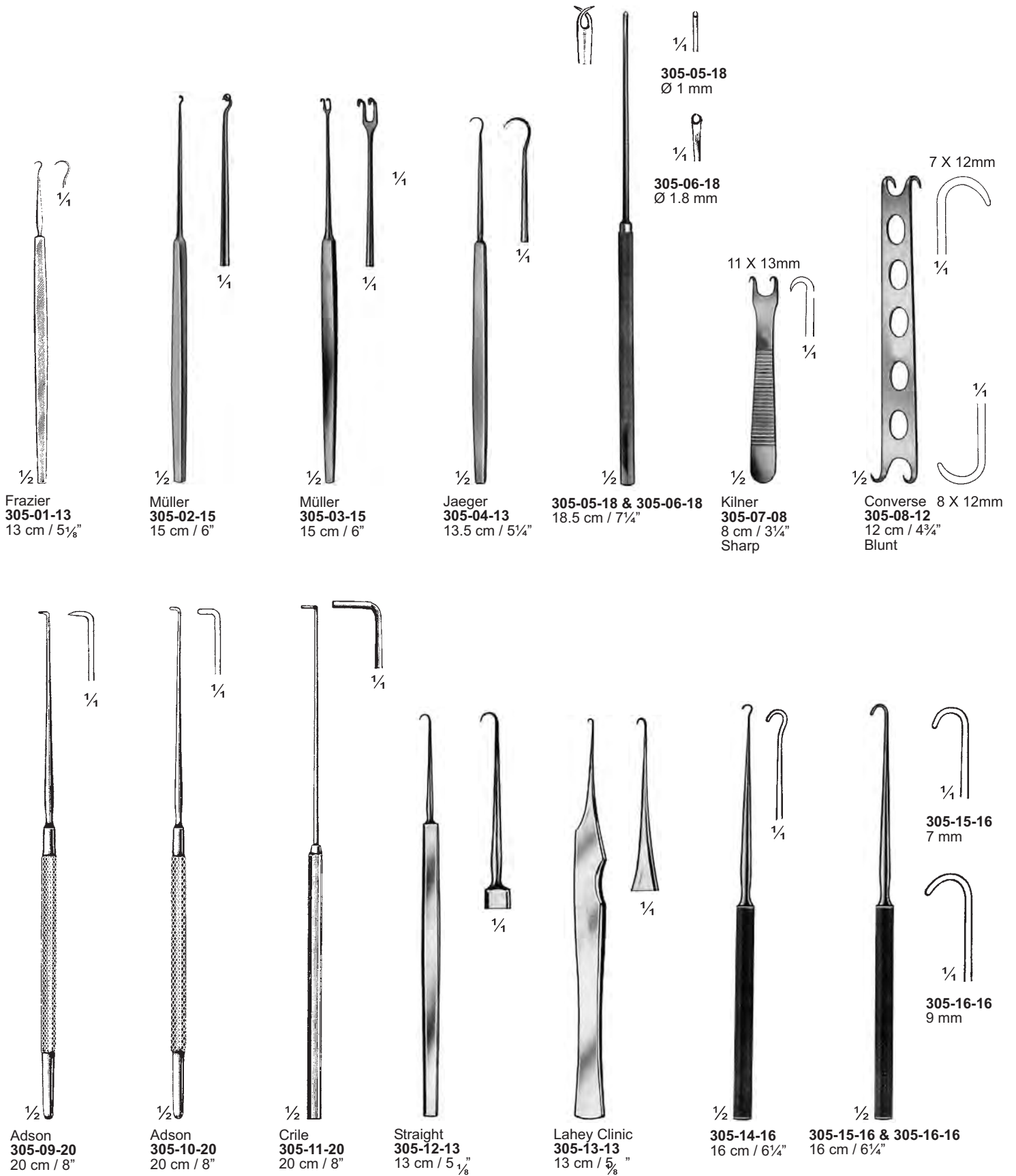


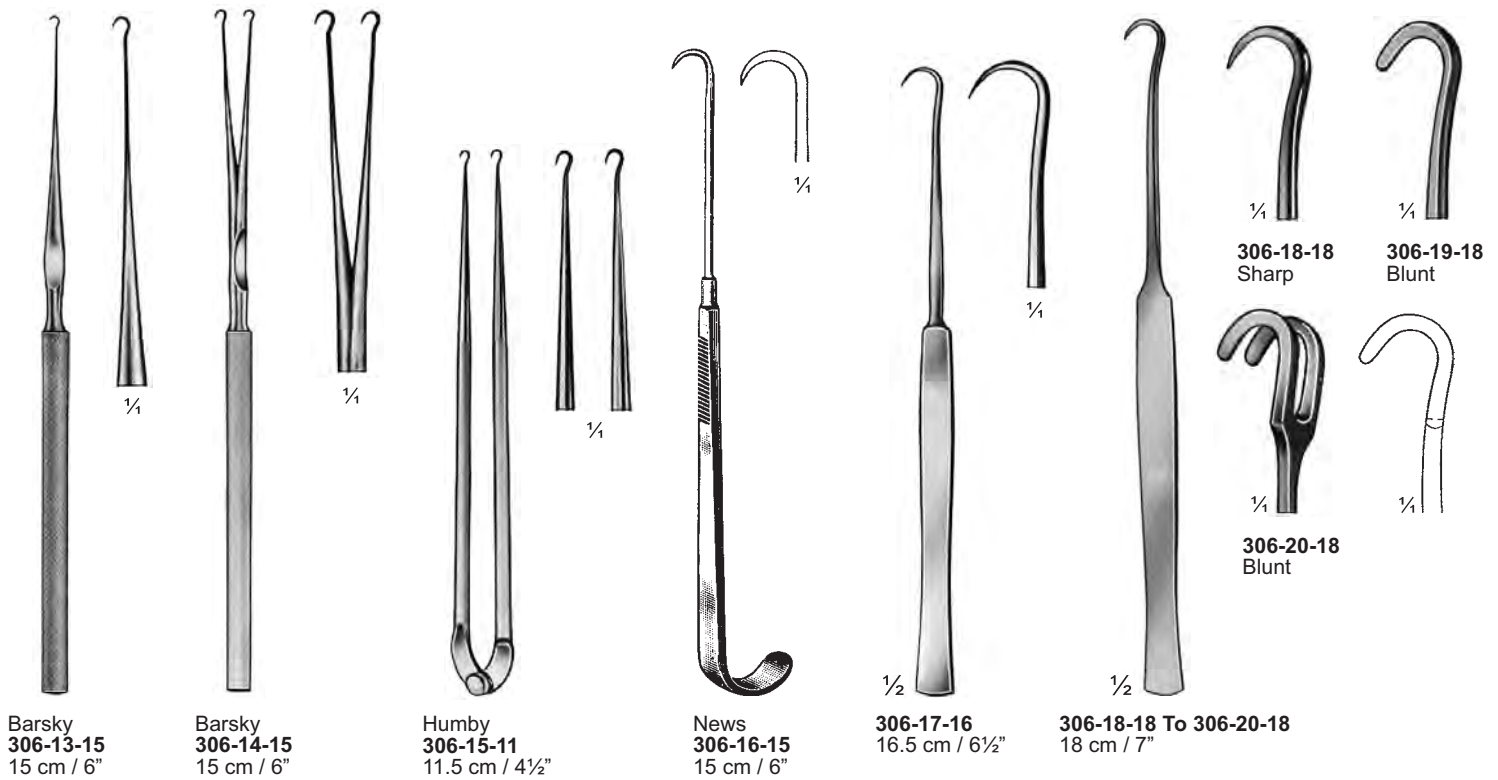
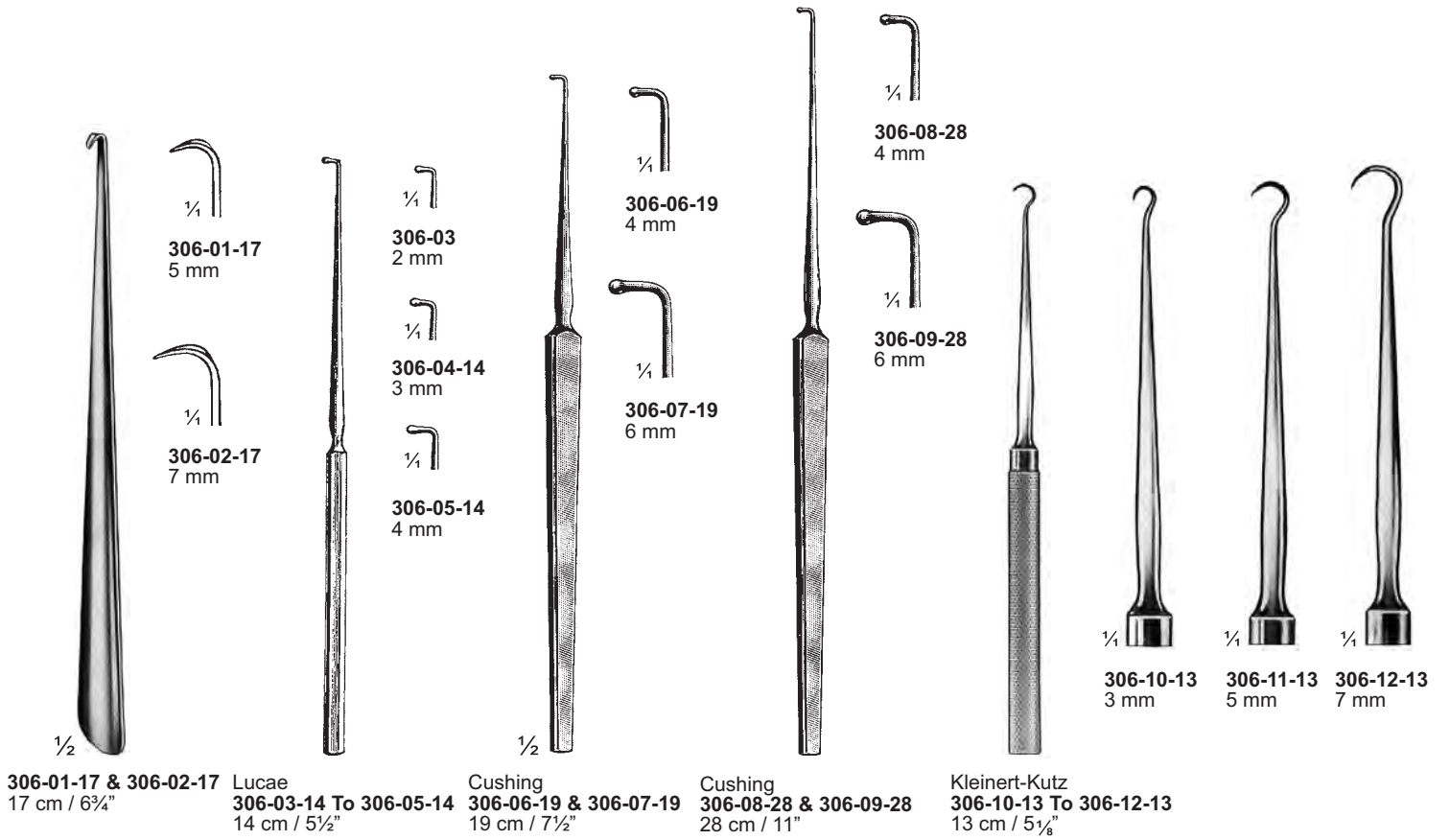
**Cottle 303-16-16**  
16 cm / 6 1/4"

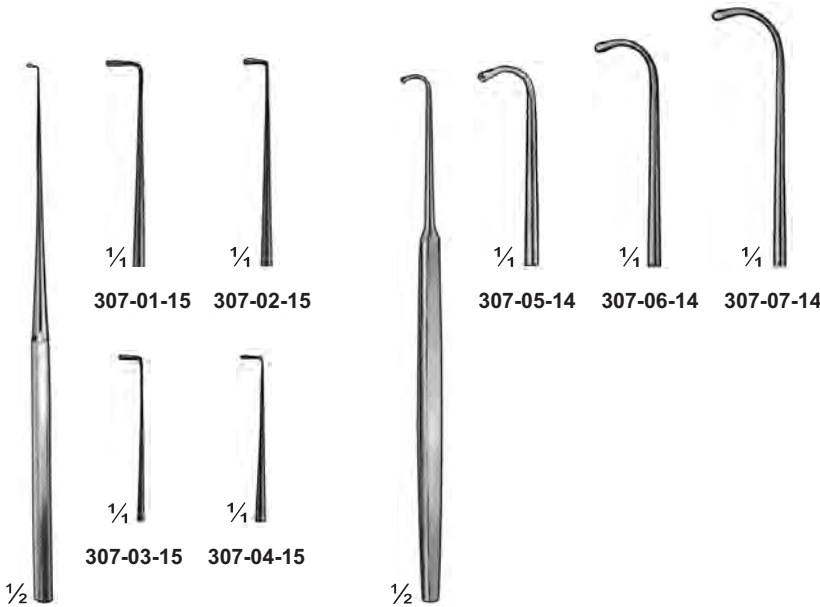


**Cottle 303-17-16**  
16 cm / 6 1/4"



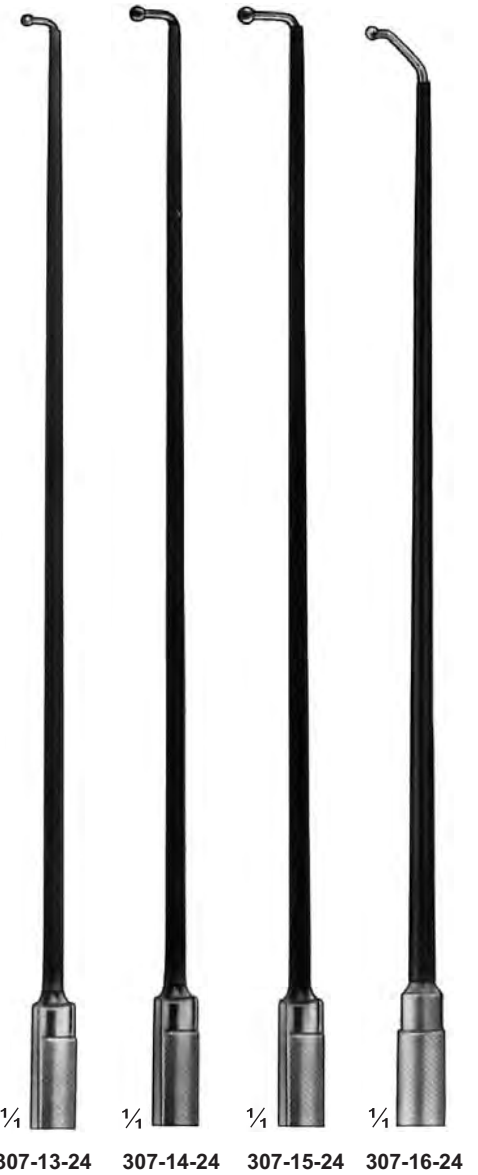




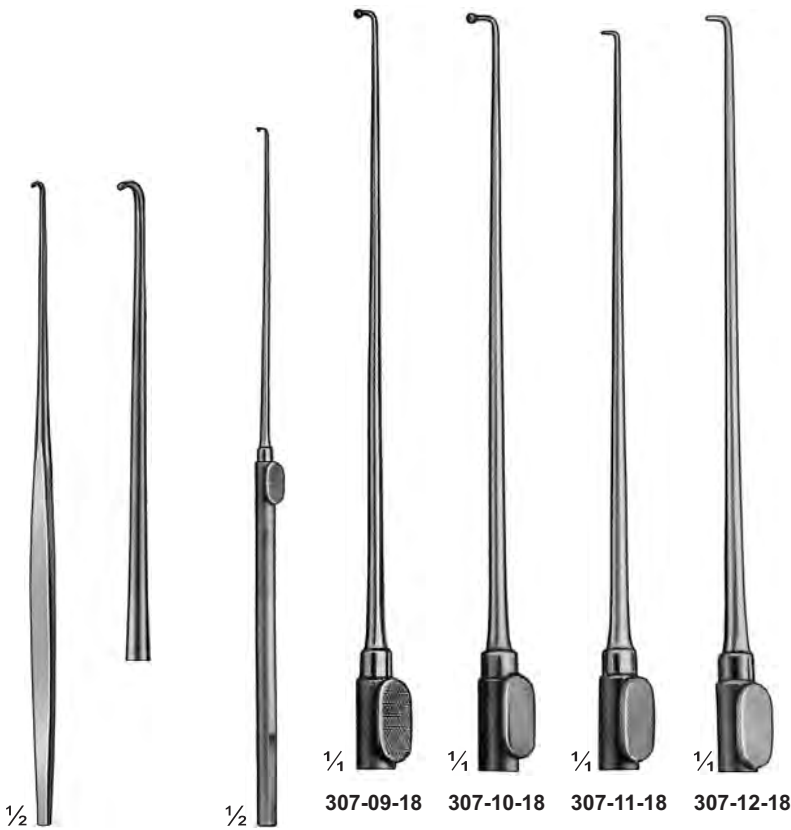


Wagener  
307-01-15 To 307-04-15  
15 cm / 6"

Graefe  
307-05-14 To 307-07-14  
14 cm / 5 1/2"



307-13-24 307-14-24 307-15-24 307-16-24



Brom  
307-08-17  
17 cm / 6 3/4"

Krayenbühl  
307-09-18 To 307-12-18  
18.5 cm / 7 1/4"

Caspar  
307-13-24 To 307-16-24  
24.5 cm / 9 3/4"



Mannerfelt Modif.  
**308-01-13**  
13.5 cm / 5¼"  
Sharp



Mannerfelt Modif.  
**308-02-15**  
15 cm / 6"  
Sharp



Mannerfelt Modif.  
**308-03-15**  
15 cm / 6"  
Sharp



Jackson  
**308-04-17**  
17 cm / 6¾"



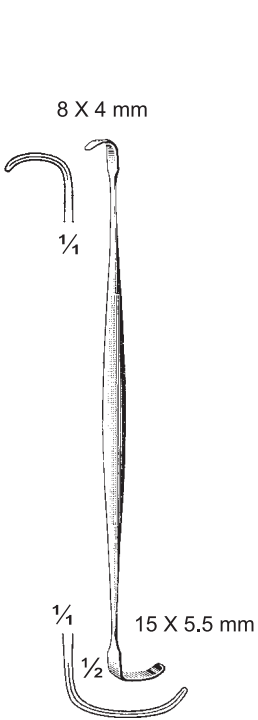
Cope  
**308-05-18**  
18 cm / 7"



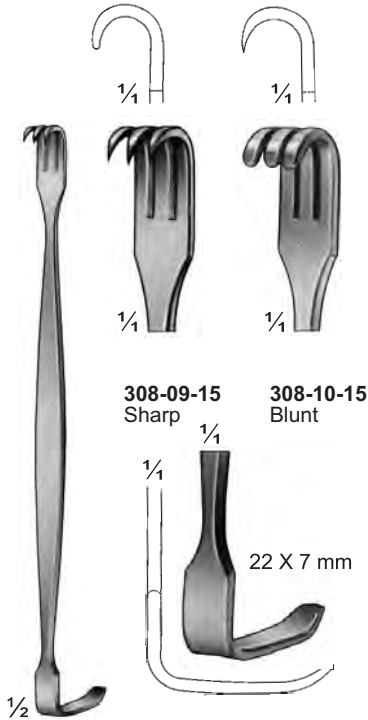
Lukens  
**308-06-17**  
17 cm / 6¾"



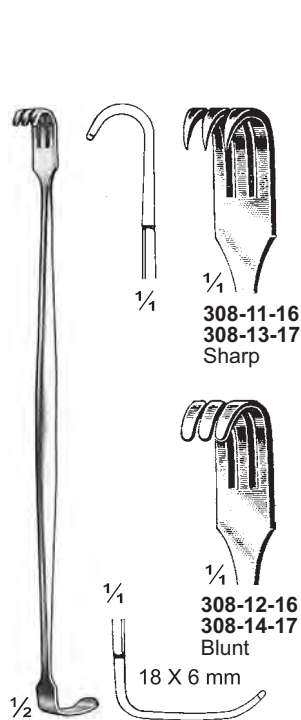
Luer  
**308-07-11**  
11 cm / 4¼"



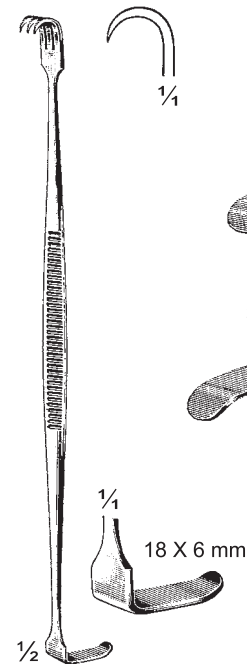
Ragnell-Davis  
**308-08-14**  
14 cm / 5½"



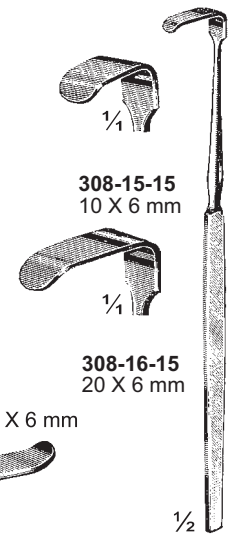
Baby-Senn-Miller  
**308-09-15 & 308-10-15**  
15 cm / 6"



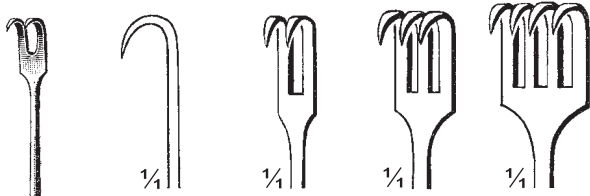
Senn-Miller  
**308-11-16 & 308-12-16**  
16 cm / 6¼"



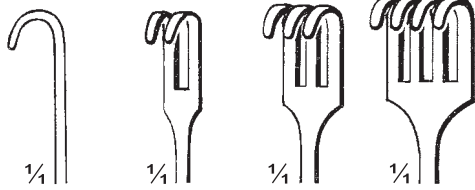
Senn-Miller  
**308-13-17 & 308-14-17**  
17 cm / 6¾"



Senn-Green  
**308-15-15 & 308-16-15**  
15 cm / 6"



309-01-17 309-02-17 309-03-17 309-04-17  
Sharp



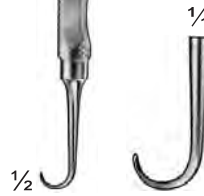
309-05-17 309-06-17 309-07-17 309-08-17  
Blunt

1/2

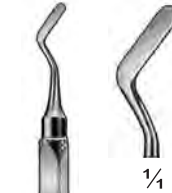
Knapp  
309-01-17 To 309-08-17  
17 cm / 6 3/4"



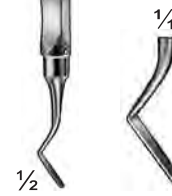
1/4



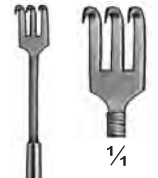
1/2  
Mannerfelt Modif.  
309-09-16  
16 cm / 6 1/4"



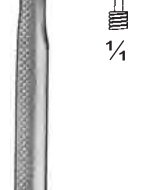
1/4



1/2  
Mannerfelt Modif.  
309-10-16  
16 cm / 6 1/4"



1/4



1/4

Mannerfelt Modif.  
309-11-15  
15 cm / 6"  
Flexible shaft  
Sharp



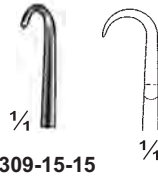
1/4 1/4  
309-12-15



1/4  
309-13-15



1/4  
309-14-15



1/4 1/4  
309-15-15



1/4  
309-16-15



1/4  
309-17-15

Mannerfelt Modif.  
309-12-15 To 309-17-15  
15 cm / 6"  
Small cur



1/4 1/4  
309-18-15



1/4  
309-19-15



1/4  
309-20-15

Mannerfelt Modif.  
309-18-15 To 309-23-15  
15 cm / 6"  
Large cur



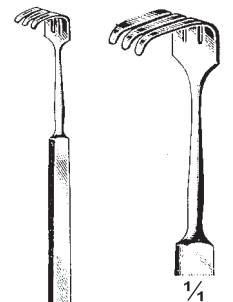
1/4 1/4  
309-21-15



1/4  
309-22-15



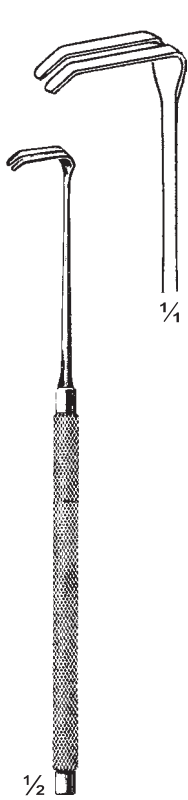
1/4  
309-23-15



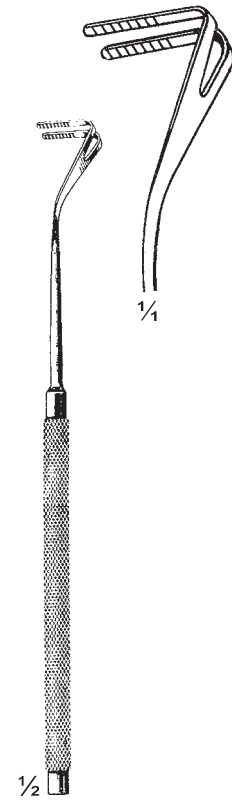
1/4

Paul  
309-24-12  
12 cm / 4 3/4"





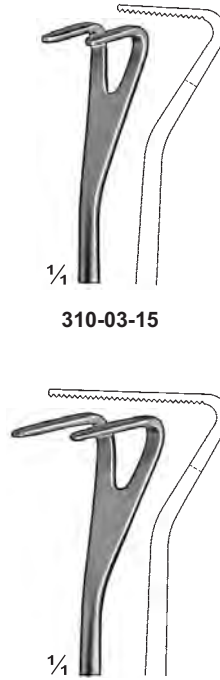
**310-01-16**  
16 cm / 6 1/4"



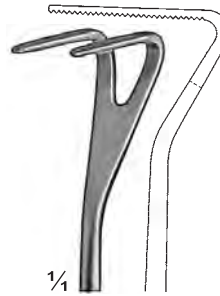
**310-02-16**  
16 cm / 6 1/4"



Mannerfelt Modif.  
**310-03-15 & 310-04-15**  
15 cm / 6"



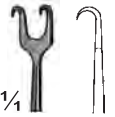
**310-03-15**



**310-04-15**



Rollet  
**310-05-13 To 310-07-13**  
15 cm / 6"



**310-05-13**  
13 cm / 5 1/8"  
Sharp



**310-06-13**  
13 cm / 5 1/8"  
Sharp



**310-07-13**  
13.5 cm / 5 1/4"  
Blunt



**310-08-16**  
16 cm / 6 1/4"



Machatt  
**310-09-16 & 310-10-16**  
16 cm / 6 1/4"



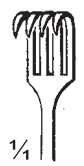
**310-09-16**  
Sharp



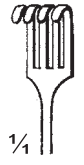
**310-10-16**  
Blunt



Knapp  
**310-11-16 & 310-12-16**  
16 cm / 6 1/4"



**310-11-16**  
**310-13-16**  
Sharp



**310-12-16**  
**310-14-16**  
Blunt



Knapp  
**310-13-16 & 310-14-16**  
16 cm / 6 1/4"



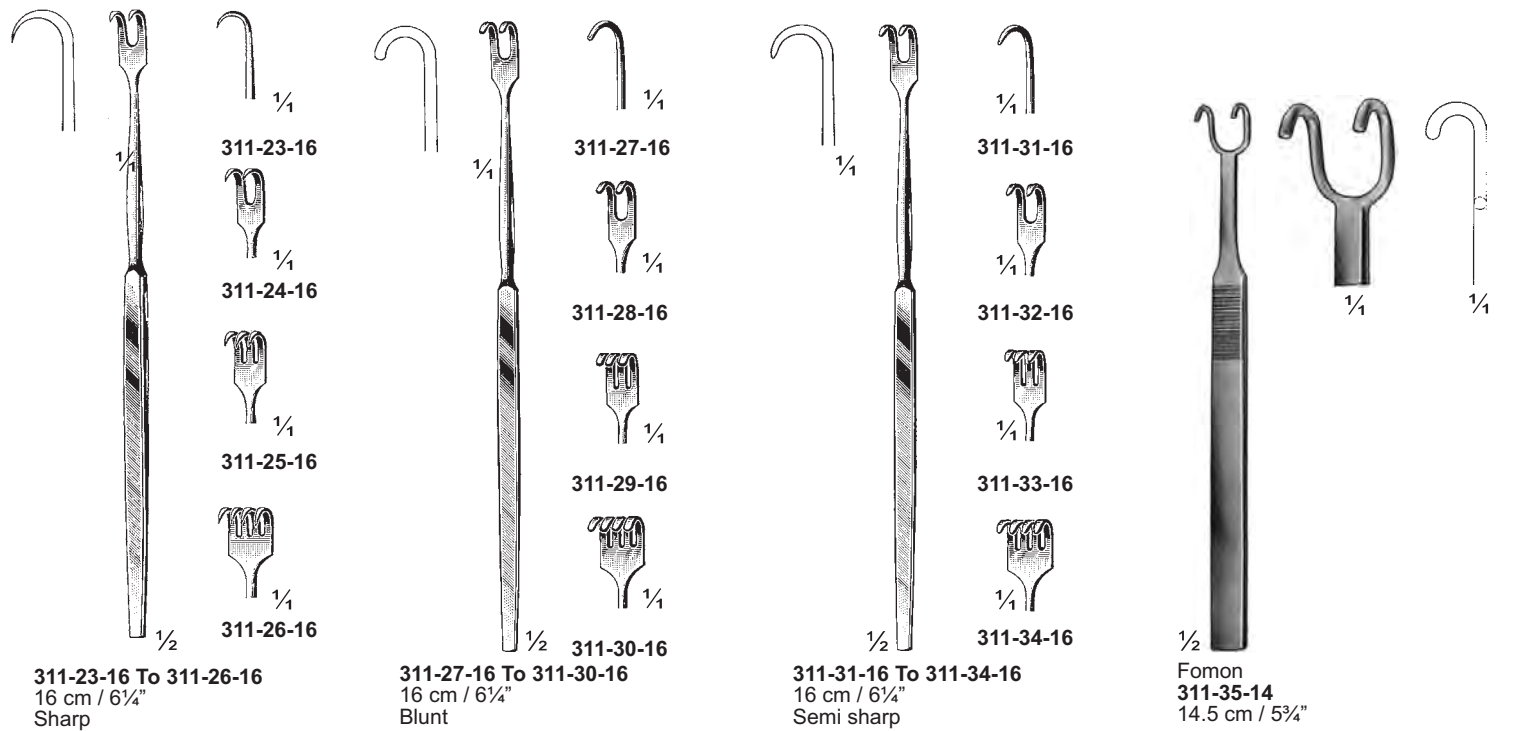
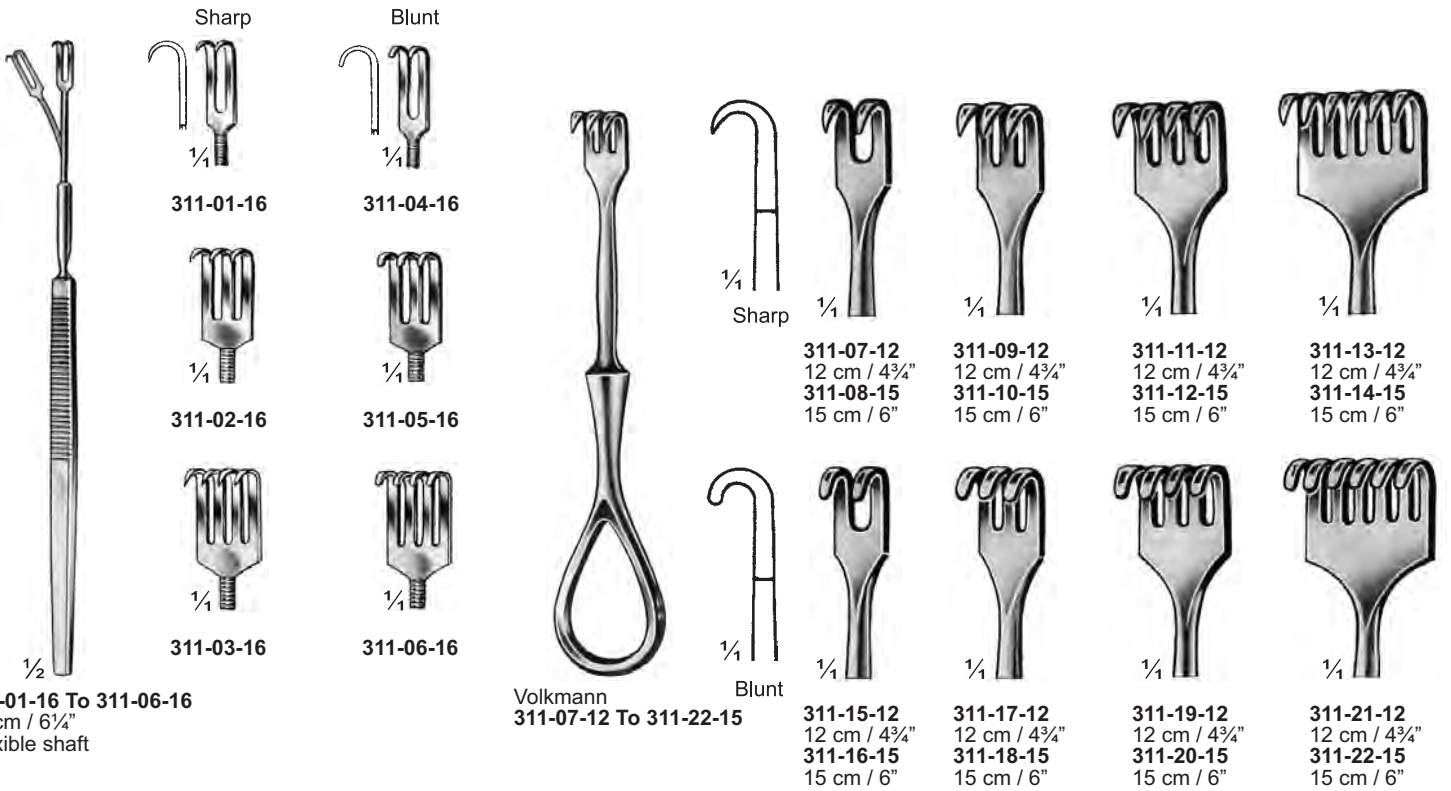
Knapp  
**310-15-16 & 310-16-16**  
16 cm / 6 1/4"  
Flexible shaft

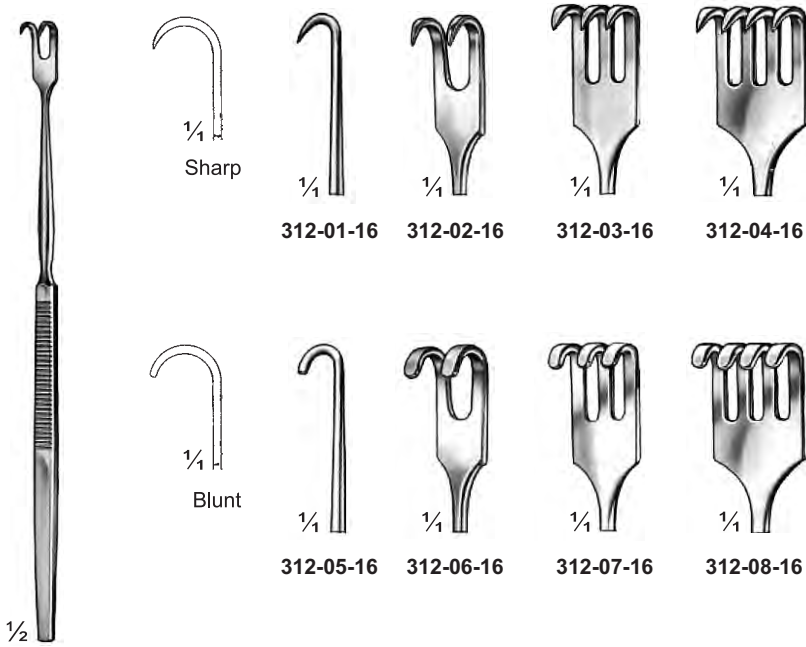


**310-15-16**  
Sharp

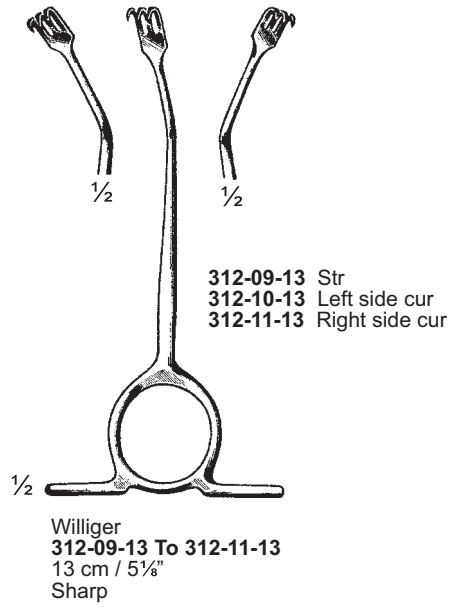


**310-16-16**  
Blunt

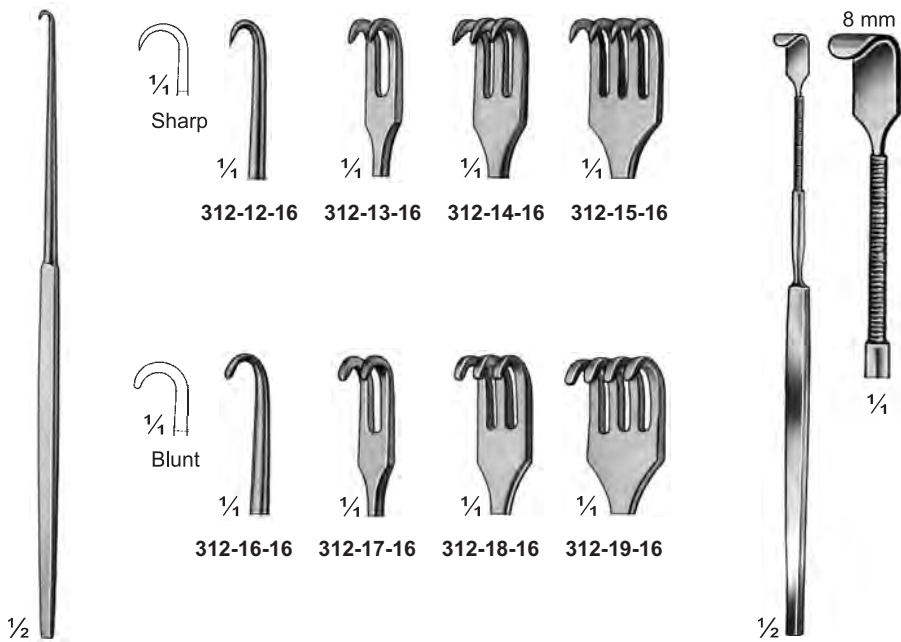




**312-01-16 To 312-08-16**  
16 cm / 6 1/4"

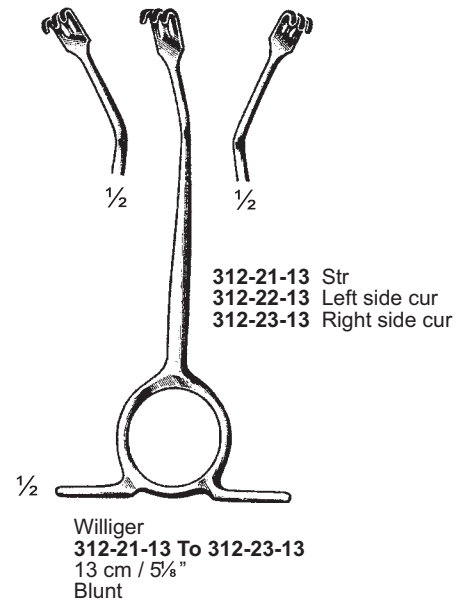


**Williger**  
**312-09-13 To 312-11-13**  
13 cm / 5 1/8"  
Sharp



**312-12-16 To 312-19-16**  
16.5 cm / 6 1/2"  
Small cur

**312-20-16**  
16 cm / 6 1/4"  
Flexible shaft



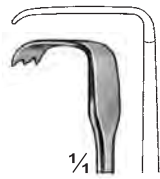
**Williger**  
**312-21-13 To 312-23-13**  
13 cm / 5 1/8"  
Blunt



Meyerding  
313-01-18 To 313-06-18  
18 cm / 7"



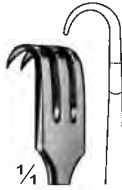
313-01-18  
18 X 7 mm



313-02-18  
16 X 5 mm



313-03-18  
7 X 4 mm



313-04-18  
5 X 10 mm



313-05-18  
11 X 4 mm



313-06-18  
6 X 4 mm



Klapp  
313-07-17  
17 cm / 6 3/4"



1/4  
15 X 9 mm



Venenhaken Brom  
313-08-19 & 313-09-19  
19 cm / 7 1/2"



313-08-19



313-09-19



Klapp  
313-10-18  
18 cm / 7"



1/4  
15 X 11 mm



1/4



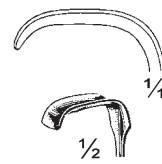
Klapp  
313-11-18 & 313-12-18  
18 cm / 7"



313-11-18  
12 X 6 mm



313-12-18  
12 X 11 mm



313-13-18  
6 X 15 mm



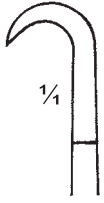
313-14-18  
6 X 15 mm  
Toothed



Strandell-Stille  
313-13-18 & 313-14-18  
18 cm / 7"



$\frac{1}{2}$   
Volkman  
314-01-20 To 314-10-20  
20 cm / 8"



314-01-20  
Sharp



$\frac{1}{4}$   
314-02-20



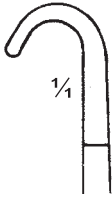
$\frac{1}{4}$   
314-03-20



$\frac{1}{4}$   
314-04-20



$\frac{1}{4}$   
314-05-20



314-06-20  
Blunt



$\frac{1}{4}$   
314-07-20



$\frac{1}{4}$   
314-08-20



$\frac{1}{4}$   
314-09-20



$\frac{1}{4}$   
314-10-20



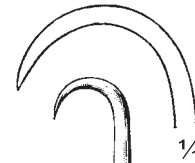
$\frac{1}{2}$   
Kocher  
314-11-20  
20 cm / 8"  
Semi-Sharp



$\frac{1}{2}$   
Kocher  
314-12-22  
22 cm / 8 $\frac{3}{4}$ "  
Sharp



$\frac{1}{2}$   
Kocher  
314-13-22  
22 cm / 8 $\frac{3}{4}$ "  
Blunt



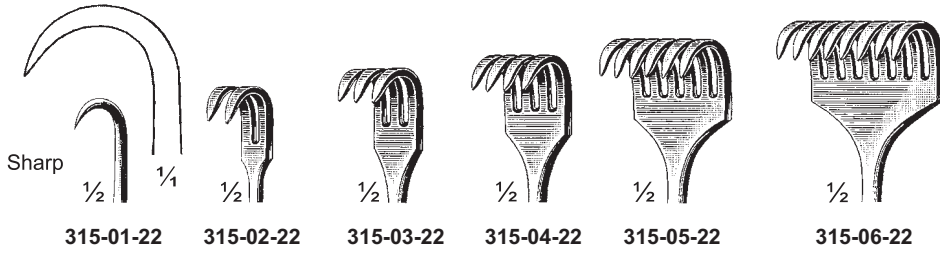
$\frac{1}{2}$   
Volkman  
314-14-22  
22 cm / 8 $\frac{3}{4}$ "  
Sharp



$\frac{1}{2}$   
Volkman  
314-15-22  
22 cm / 8 $\frac{3}{4}$ "  
Blunt



Volkmann  
315-01-22 To 315-18-22  
22 cm / 8<sup>3</sup>/<sub>4</sub>"



Sharp

$\frac{1}{2}$   $\frac{1}{4}$

315-01-22

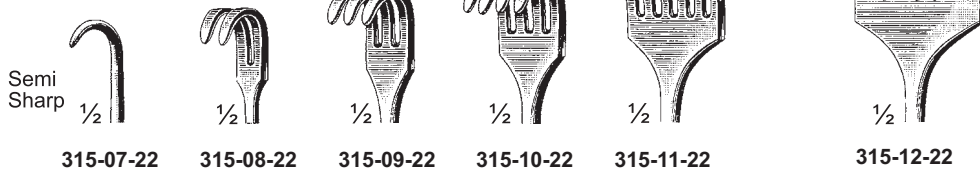
315-02-22

315-03-22

315-04-22

315-05-22

315-06-22



Semi  
Sharp

$\frac{1}{2}$

315-07-22

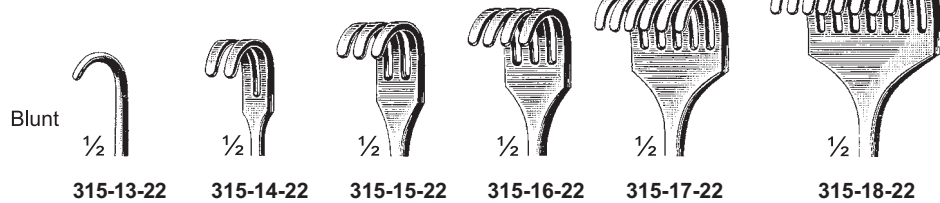
315-08-22

315-09-22

315-10-22

315-11-22

315-12-22



Blunt

$\frac{1}{2}$

315-13-22

315-14-22

315-15-22

315-16-22

315-17-22

315-18-22

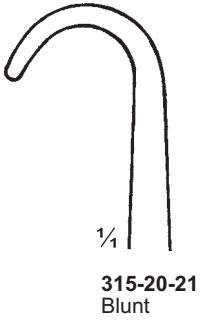


Volkmann  
315-19-21 & 315-20-21  
21 cm / 8<sup>1</sup>/<sub>4</sub>"



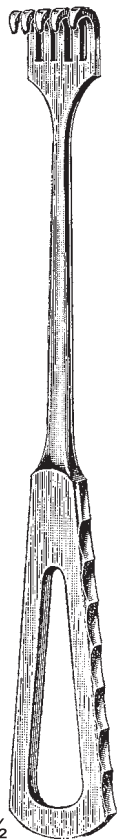
$\frac{1}{4}$

315-19-21  
Sharp



$\frac{1}{4}$

315-20-21  
Blunt



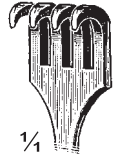
$\frac{1}{2}$

Volkmann  
315-21-22 To 315-24-22  
22 cm / 8<sup>3</sup>/<sub>4</sub>"



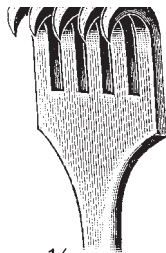
$\frac{1}{4}$

315-21-22  
Sharp



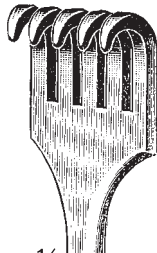
$\frac{1}{4}$

315-22-22  
Blunt



$\frac{1}{4}$

315-23-22  
Sharp



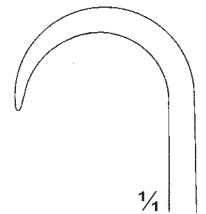
$\frac{1}{4}$

315-24-22  
Blunt



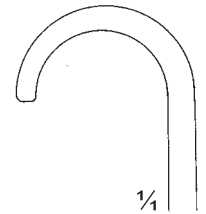
$\frac{1}{2}$

Volkmann  
315-25-23 & 315-26-23  
23 cm / 9"



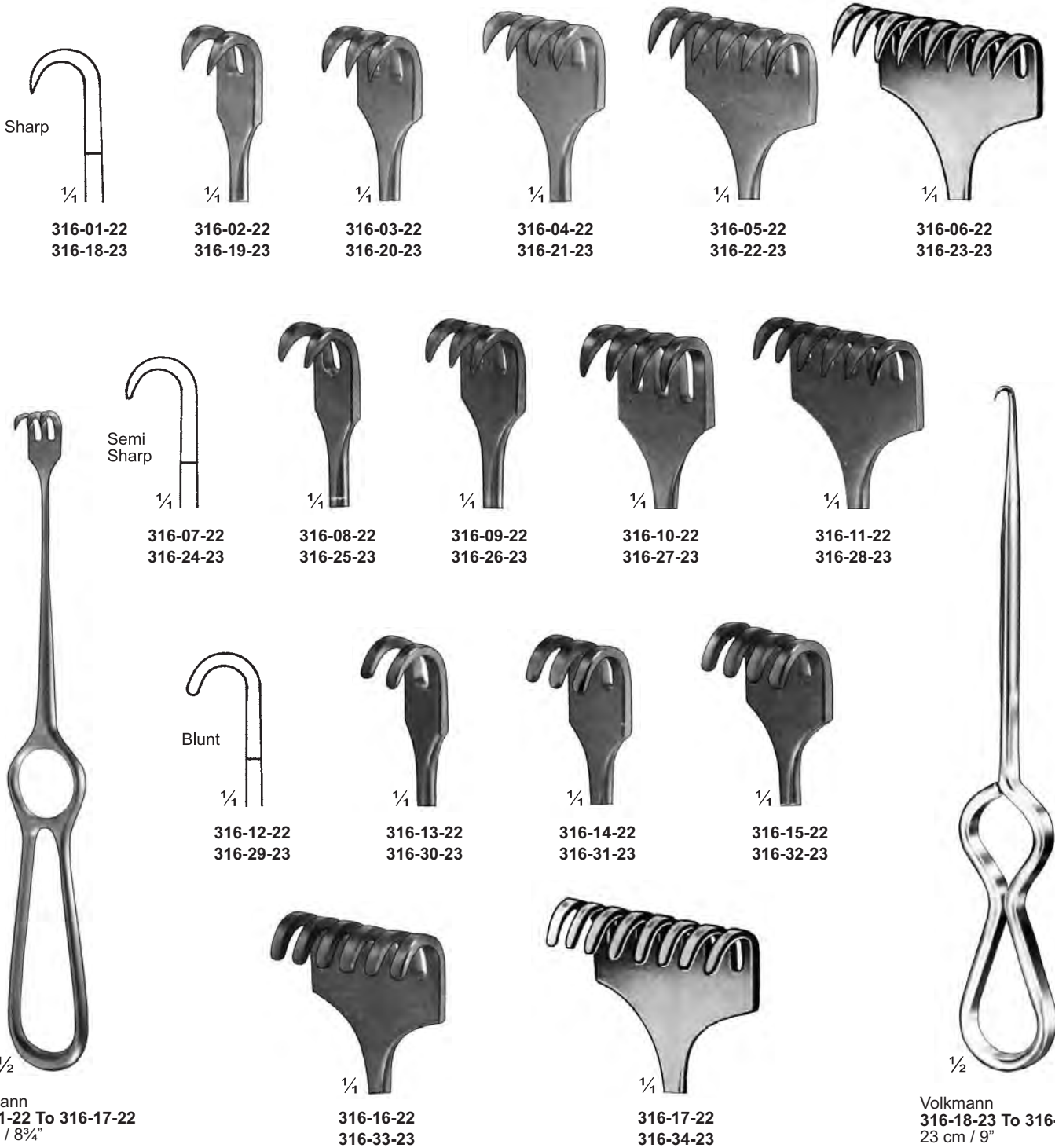
$\frac{1}{4}$

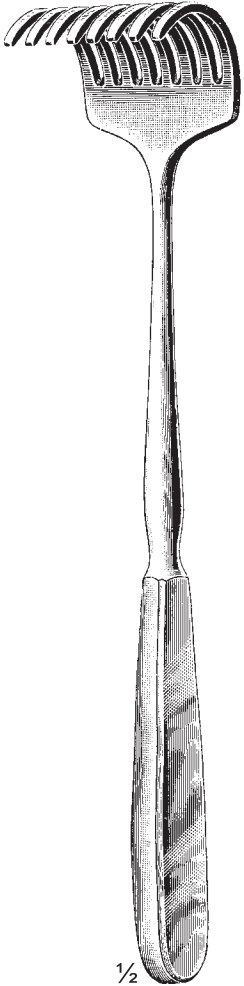
315-25-23  
Sharp



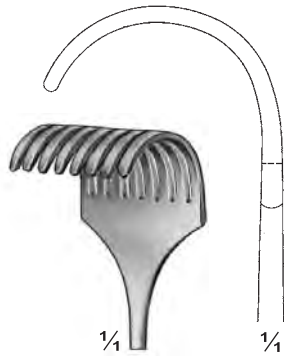
$\frac{1}{4}$

315-26-23  
Blunt





1/2  
Korte  
317-01-26 & 317-02-26  
26 cm / 10 1/4"



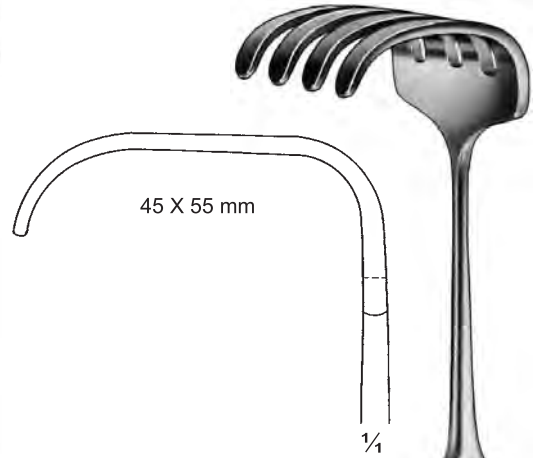
1/4  
317-01-26  
317-03-24  
26 X 40 mm  
Blunt



1/4  
317-02-26  
317-04-24  
26 X 40 mm  
Sharp



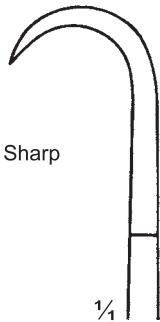
1/2  
Korte  
317-03-24 & 317-04-24  
24 cm / 9 1/2"  
Blunt



1/2  
Korte  
317-05-23  
23 cm / 9"  
Blunt

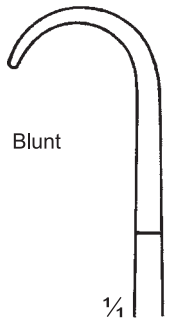


1/2  
Volkman  
317-06-22 To 317-13-22  
22 cm / 8 3/4"



Sharp

1/4  
317-06-22



Blunt

1/4  
317-10-22



1/4  
317-07-22



1/4  
317-08-22



1/4  
317-09-22



1/4  
317-11-22



1/4  
317-12-22



1/4  
317-13-22





$\frac{1}{4}$   
**318-01-22**  
**318-09-23**  
Sharp



$\frac{1}{4}$   
**318-02-22**  
**318-10-23**  
Sharp



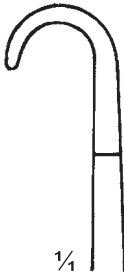
$\frac{1}{4}$   
**318-03-22**  
**318-11-23**  
Sharp



$\frac{1}{4}$   
**318-04-22**  
**318-12-23**  
Sharp



$\frac{1}{2}$



$\frac{1}{4}$   
**318-05-22**  
**318-13-23**  
Blunt



$\frac{1}{4}$   
**318-06-22**  
**318-14-23**  
Blunt



$\frac{1}{4}$   
**318-07-22**  
**318-15-23**  
Blunt

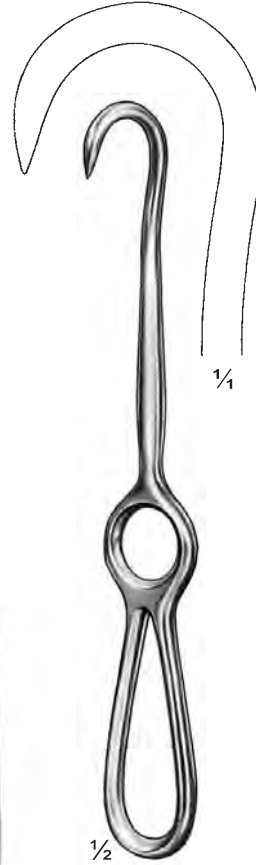


$\frac{1}{4}$   
**318-08-22**  
**318-16-23**  
Blunt



$\frac{1}{2}$

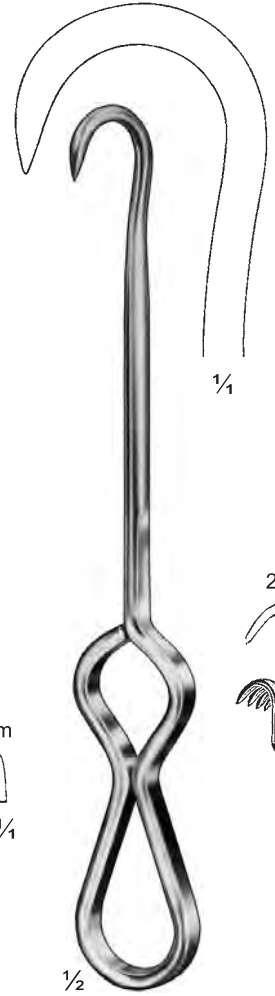
**Kocher**  
**318-09-23 To 318-16-23**  
23 cm / 9"



$\frac{1}{2}$   
**318-17-20** Sharp  
**318-18-20** Blunt  
20 cm / 8"



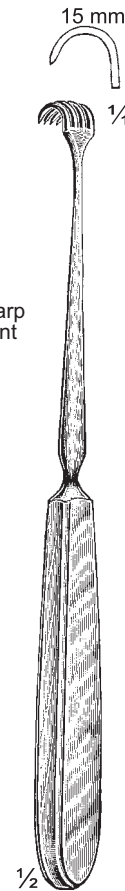
15 mm  
 $\frac{1}{4}$



$\frac{1}{2}$   
**318-19-23** Sharp  
**318-20-23** Blunt  
23 cm / 9"



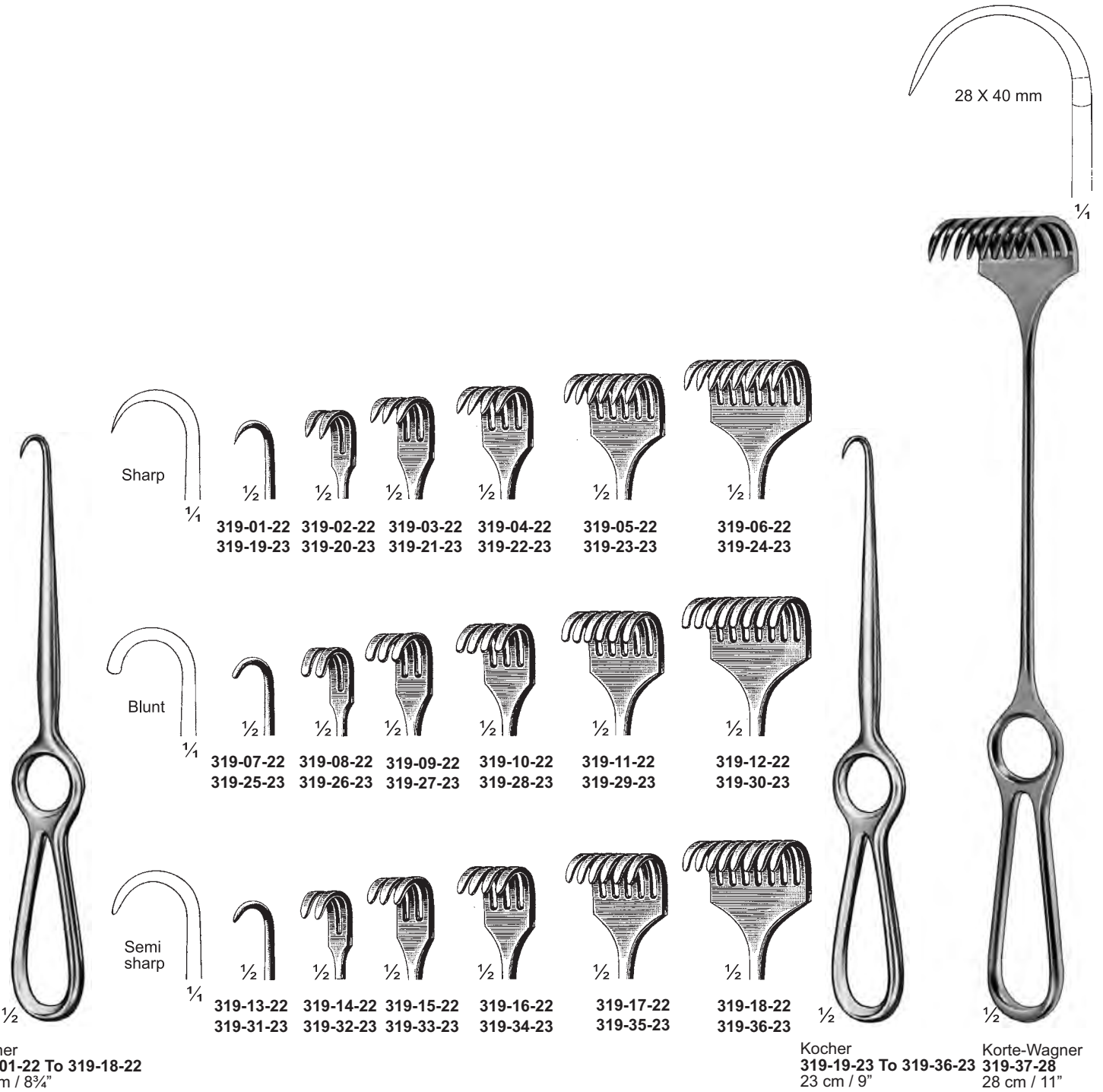
25 mm  
 $\frac{1}{4}$



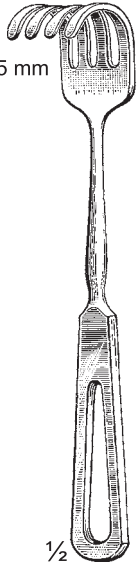
$\frac{1}{2}$   
**Lampert**  
**318-21-19**  
19.5 cm / 7 $\frac{3}{4}$ "  
**318-22-22**  
22 cm / 8 $\frac{3}{4}$ "



$\frac{1}{2}$   
**Lampert**  
**318-23-24**  
24 cm / 9 $\frac{1}{2}$ "  
**318-24-27**  
27 cm / 10 $\frac{1}{2}$ "



25 X 45 mm

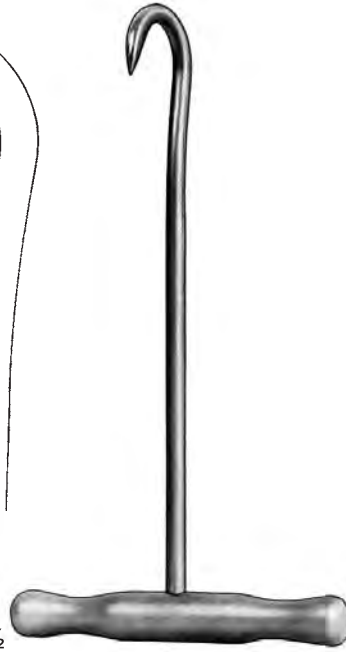


Mikulicz  
320-01-23 23 cm / 9"  
320-02-26 26 cm / 10¼"

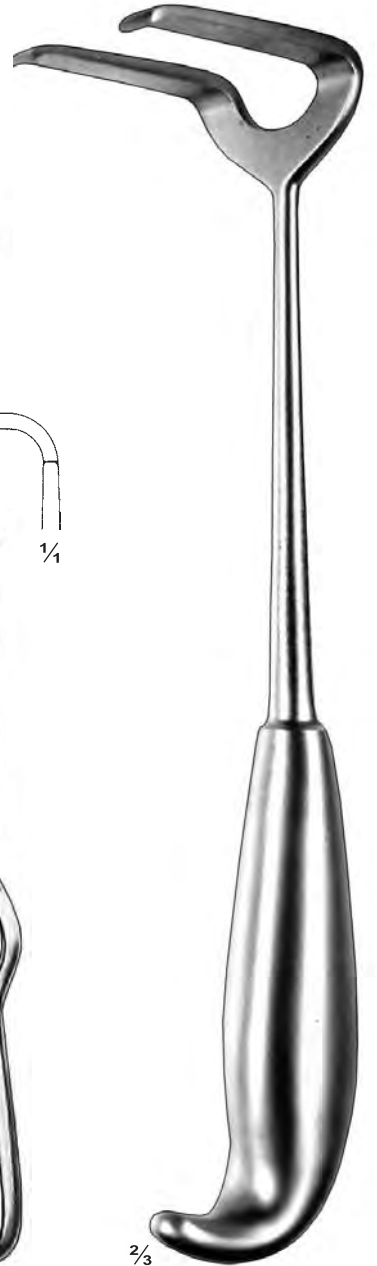


1/4

1/2



320-03-17  
17 cm / 6¾"



2/3



1/2



1/4

320-04-24  
320-10-24  
Sharp



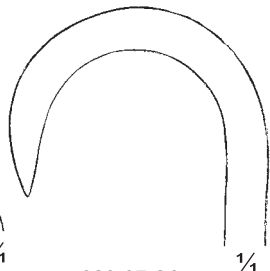
1/4

320-05-24  
320-11-24  
Sharp



1/4

320-06-24  
320-12-24  
Sharp



1/4

320-07-24  
320-13-24  
Sharp



1/4

320-08-24  
320-14-24  
Blunt



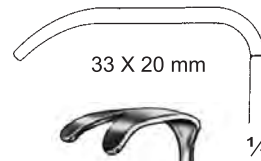
1/4

320-09-24  
320-15-24  
Blunt



1/2

320-10-24 To 320-15-24  
24 cm / 9½"



33 X 20 mm

1/4

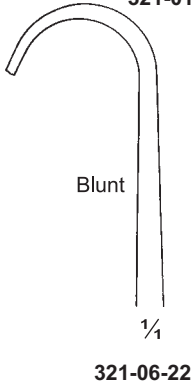
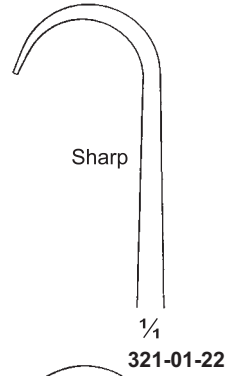


1/2

Wassmund  
320-16-20  
20 cm / 8"

Kocher  
320-04-24 To 320-09-24  
24 cm / 9½"

Ollier  
320-17-25 25 mm  
320-18-35 35 mm  
320-19-45 45 mm  
320-20-60 60 mm  
25 cm / 10"



321-02-22



321-03-22



321-04-22



321-05-22



321-07-22



321-08-22

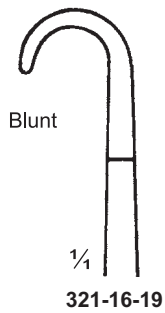
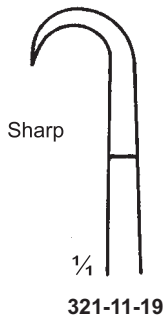


321-09-22



321-10-22

321-01-22 To 321-10-22  
22 cm / 8 3/4"



321-12-19



321-13-19



321-14-19



321-15-19



321-17-19



321-18-19

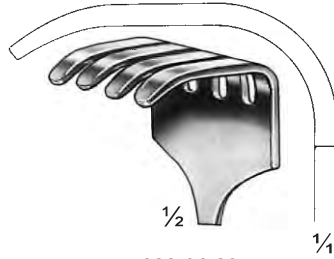


321-19-19

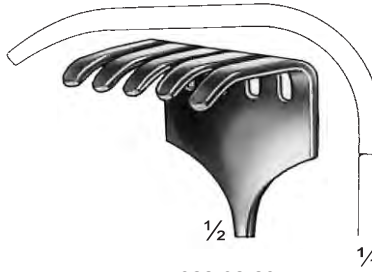


321-20-19

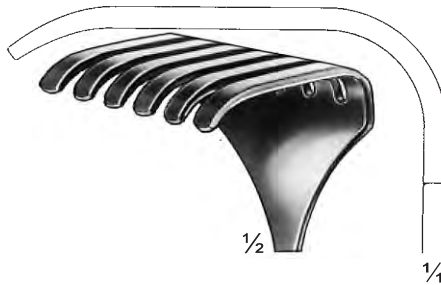
Murphy  
321-11-19 To 321-20-19  
19.5 cm / 7 3/4"



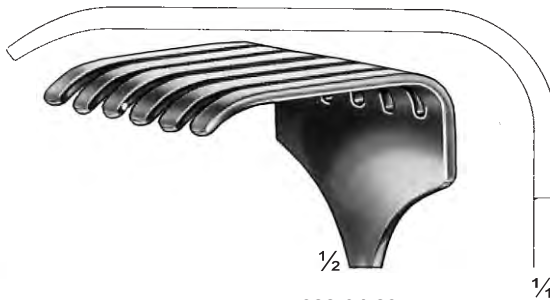
322-01-23  
322-05-24  
322-09-23  
40 X 40 mm



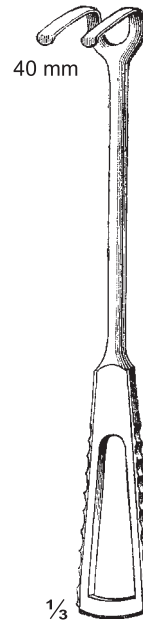
322-02-23  
322-06-24  
322-10-23  
40 X 50 mm



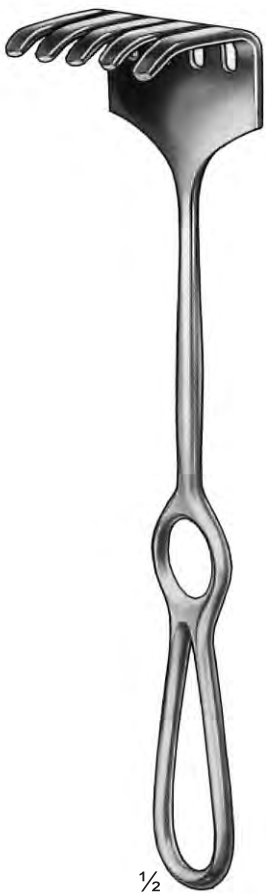
322-03-23  
322-07-24  
322-11-23  
50 X 60 mm



322-04-23  
322-08-24  
322-12-23  
70 X 70 mm



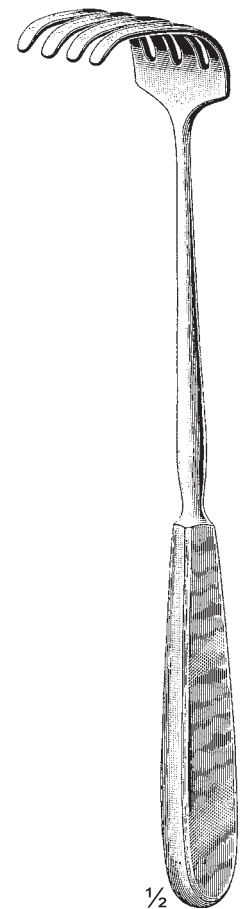
Ollier  
322-13-24  
24 cm / 9 1/2"



Israel  
322-01-23 To 322-04-23  
23 cm / 9"



Israel  
322-05-24 To 322-08-24  
24 cm / 9 1/2"



Israel  
322-09-23 To 322-12-23  
23 cm / 9"



**323-01-27**  
38 X 58 mm



**323-02-27**  
50 X 58 mm



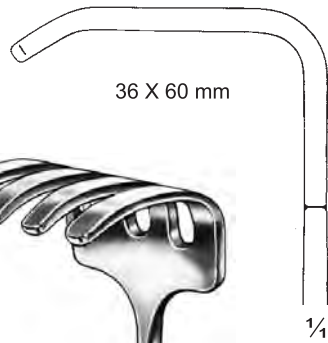
**323-03-27**  
68 X 58 mm



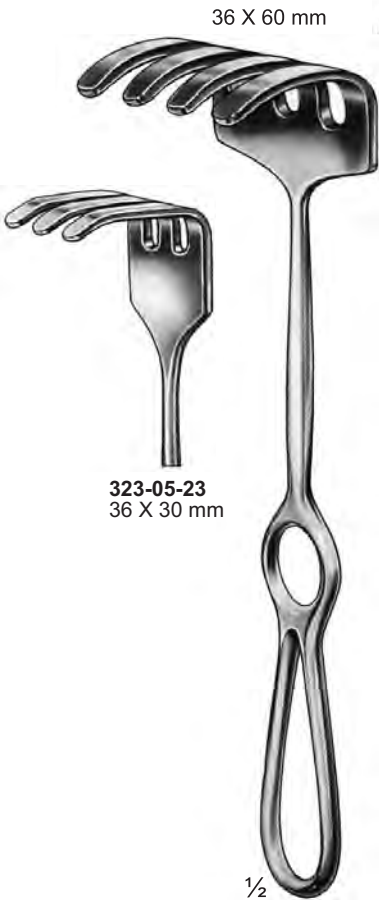
**323-04-27**  
75 X 58 mm



**323-01-27 To 323-04-27**  
27 cm / 10½"



36 X 60 mm



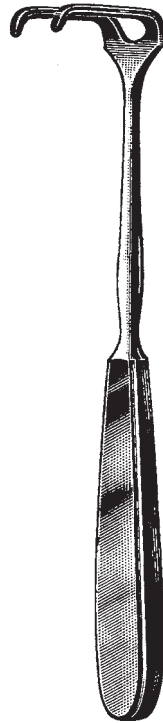
36 X 60 mm

**323-05-23**  
36 X 30 mm

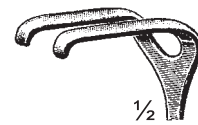
Ollier  
**323-05-23** 36 X 30 mm  
**323-06-23** 36 X 60 mm  
23 cm / 9"



Ollier  
**323-07-23** 36 X 30 mm  
**323-08-23** 36 X 60 mm  
23 cm / 9"

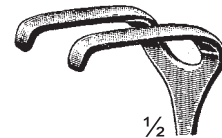


Ollier  
**323-09-22 To 323-12-22**  
22 cm / 8½"



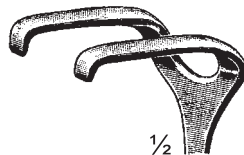
½

**323-09-22**  
**323-13-24**  
20 mm



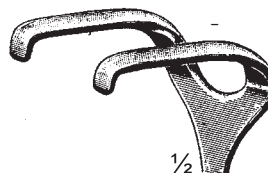
½

**323-10-22**  
**323-14-24**  
24 mm



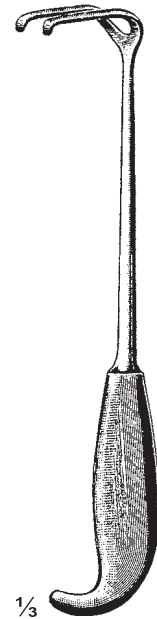
½

**323-11-22**  
**323-15-24**  
30 mm



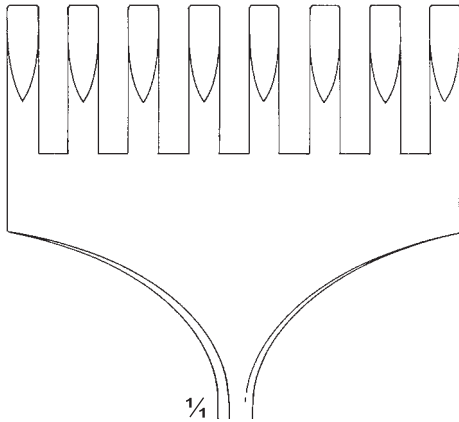
½

**323-12-22**  
**323-16-24**  
34 mm

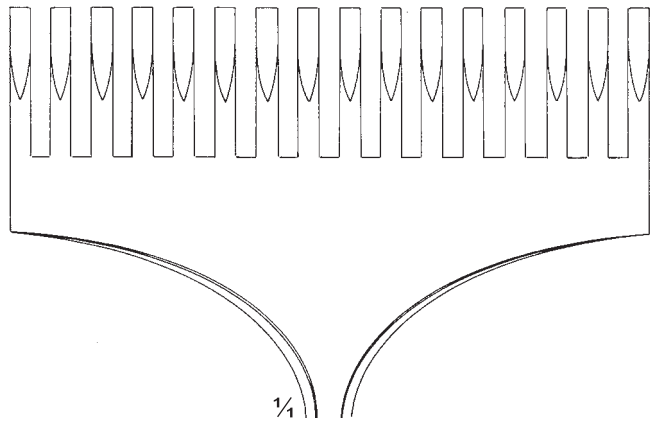


⅓

Ollier-Collin  
**323-13-24 To 323-16-24**  
24 cm / 9½"



$\frac{1}{4}$   
**324-01-25**  
**324-02-25**  
26 X 60 mm



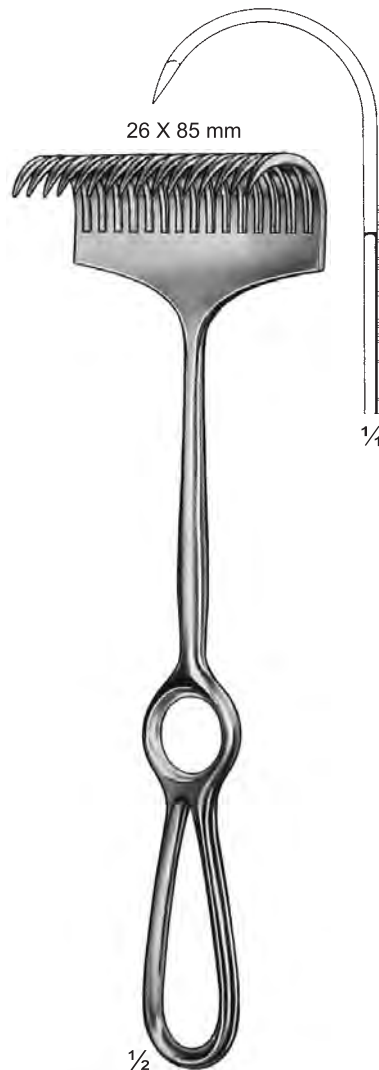
$\frac{1}{4}$   
**324-03-24**  
**324-04-24**  
25 X 85 mm



$\frac{1}{2}$   
**324-01-25**  
25 cm / 10"  
Sharp



$\frac{1}{2}$   
**324-02-25**  
25 cm / 10"  
Sharp



$\frac{1}{2}$   
**324-03-24**  
24.5 cm / 9 $\frac{3}{4}$ "  
Sharp



$\frac{1}{2}$   
**324-04-24**  
24.5 cm / 9 $\frac{3}{4}$ "  
Sharp







1/4  
326-01-16  
326-05-16  
326-09-16  
326-13-17  
10 X 6 mm



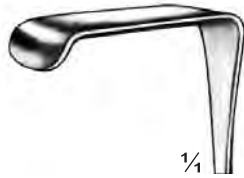
1/4  
326-02-16  
326-06-16  
326-10-16  
326-14-17  
17 X 5 mm



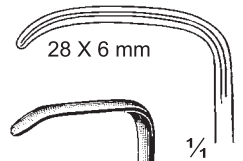
1/3  
Howell  
326-19-21 40 X 10 mm  
326-20-21 40 X 15 mm  
326-21-21 40 X 20 mm  
326-22-21 40 X 25 mm  
21 cm / 8 1/4"



1/4  
326-03-16  
326-07-16  
326-11-16  
326-15-17  
20 X 6 mm



1/4  
326-04-16  
326-08-16  
326-12-16  
326-16-17  
22 X 8 mm



1/2  
Mini-Langenbeck  
326-01-16 To 326-04-16  
16 cm / 6 1/4"



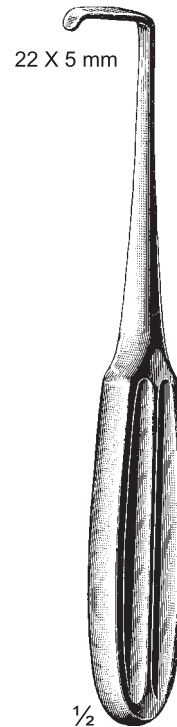
1/2  
Langenbeck-  
Mannerfelt Modif.  
326-05-16 To 326-08-16  
16 cm / 6 1/4"



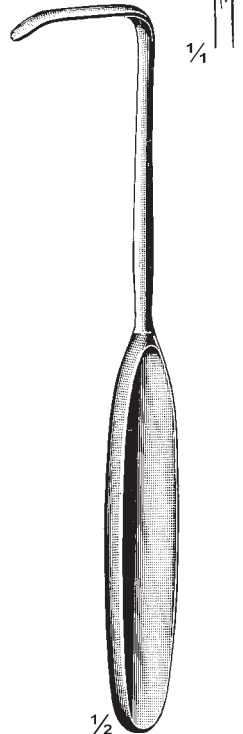
1/2  
Langenbeck-Green  
326-09-16 To 326-12-16  
16 cm / 6 1/4"



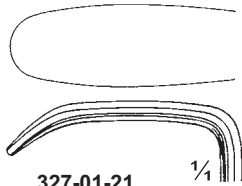
1/2  
Langenbeck-Green  
326-13-17 To 326-16-17  
17 cm / 6 3/4"



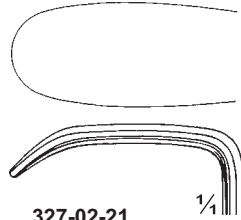
1/2  
Lahey  
326-17-18  
18 cm / 7"



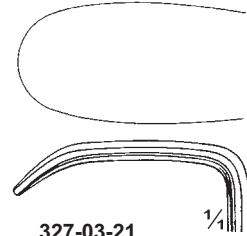
1/2  
Lahey  
326-18-18  
19 cm / 7 1/2"



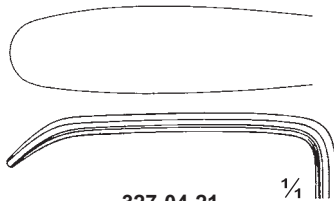
**327-01-21  
327-06-23  
327-11-22**  
30 X 11 mm



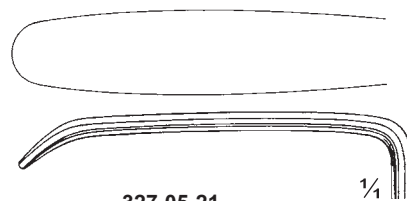
**327-02-21  
327-07-23  
327-12-22**  
30 X 14 mm



**327-03-21  
327-08-23  
327-13-22**  
30 X 16 mm



**327-04-21  
327-09-23  
327-14-22**  
40 X 11 mm



**327-05-21  
327-10-23  
327-15-22**  
50 X 11 mm



**Langenbeck  
327-01-21 To 327-05-21**  
21 cm / 8 1/4"



**Langenbeck  
327-06-23 To 327-10-23**  
23 cm / 9"



**Langenbeck  
327-11-22 To 327-15-22**  
22 cm / 8 1/2"



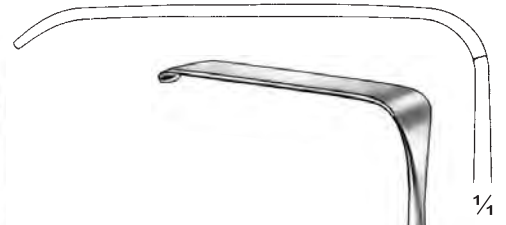
**328-01-23**  
45 X 15 mm  $\frac{1}{2}$



**328-02-23**  
60 X 23 mm  $\frac{1}{2}$



**328-03-23**  
75 X 20 mm  $\frac{1}{2}$



**Sauerbruch**  
**328-01-23 To 328-03-23**  
23 cm / 9"



**328-04-22**  
10 X 6 mm  $\frac{1}{4}$



**328-05-22**  
17 X 5 mm  $\frac{1}{4}$



**328-06-22**  
20 X 6 mm  $\frac{1}{4}$



**328-07-22**  
22 X 8 mm  $\frac{1}{4}$



**Lagenbeck**  
**328-04-22 To 328-07-22**  
22 cm / 8 $\frac{3}{4}$ "



**328-08-22**  
35 X 7 mm  $\frac{1}{2}$



**328-09-22**  
35 X 10 mm  $\frac{1}{2}$



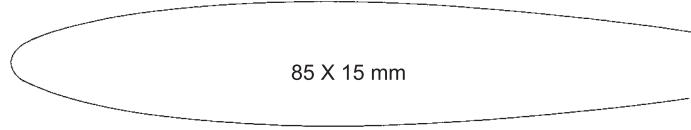
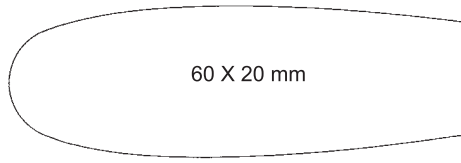
**328-10-22**  
35 X 15 mm  $\frac{1}{2}$



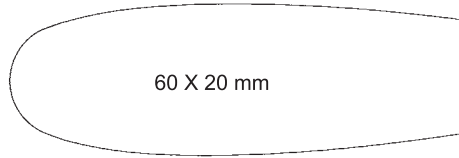
**328-11-22**  
60 X 20 mm  $\frac{1}{2}$



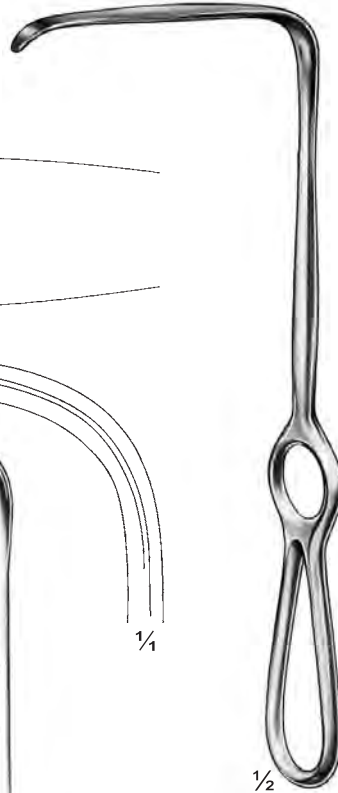
**Lagenbeck**  
**328-08-22 To 328-11-22**  
22 cm / 8 $\frac{3}{4}$ "



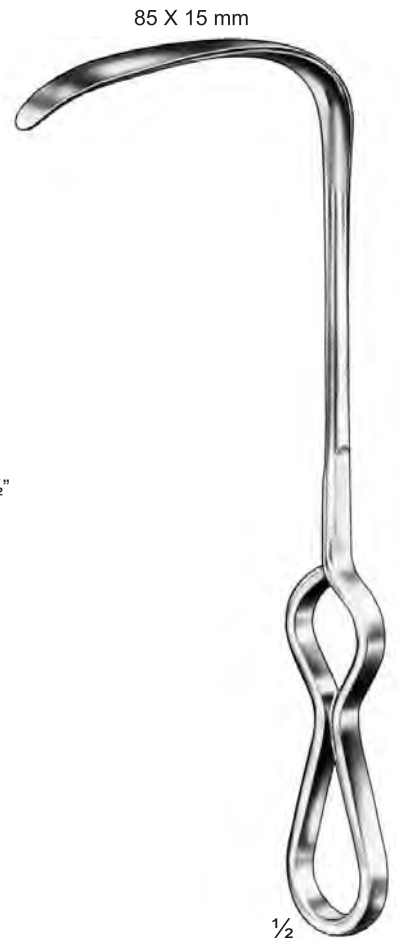
Langenbeck  
329-01-21  
21 cm / 8 1/4"



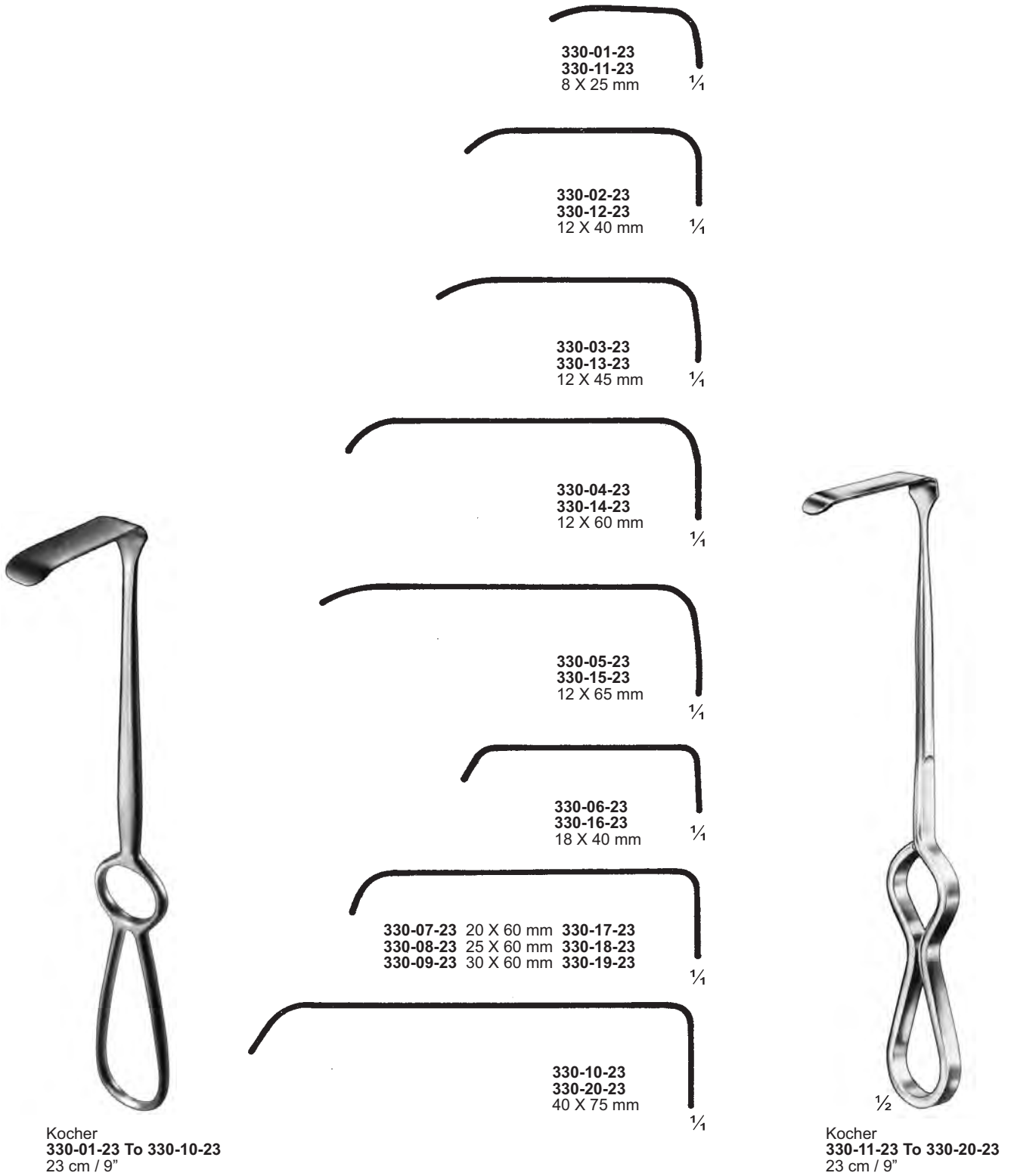
Langenbeck  
329-02-23  
23 cm / 9"

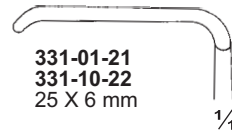


Langenbeck  
329-03-21  
21.5 cm / 8 1/2"

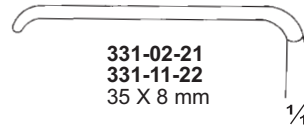


Langenbeck  
329-04-23  
23 cm / 9"

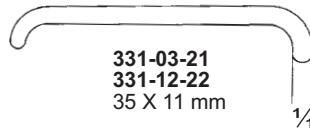




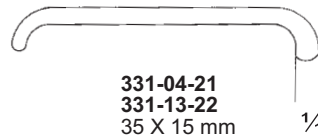
1/4



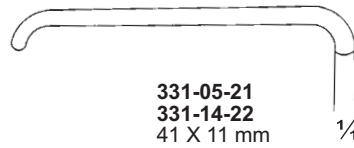
1/4



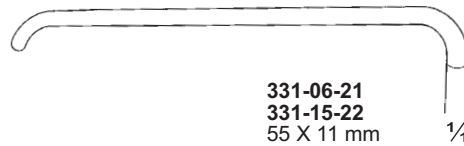
1/4



1/4



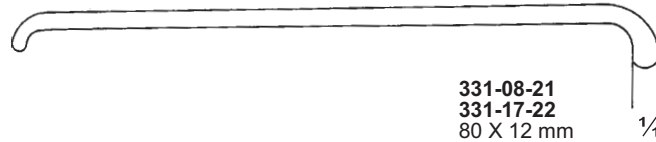
1/4



1/4



1/4



1/4



1/4



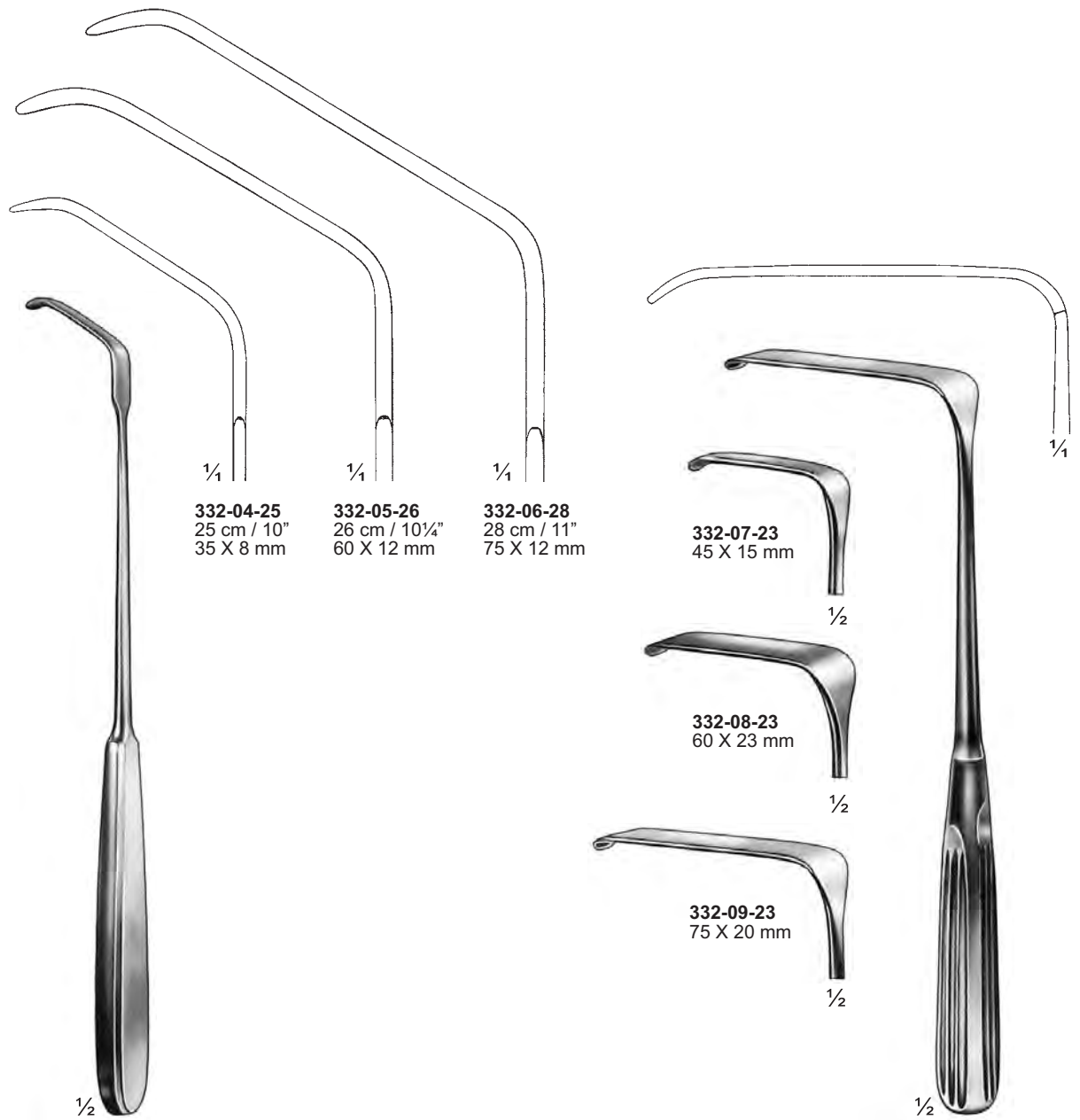
1/2

Kocher-Lagenbeck  
331-01-21 To 331-09-21  
21.5 cm / 8 1/2"



1/2

Kocher-Lagenbeck  
331-10-22 To 331-18-22  
22 cm / 8 3/4"



Langenbeck  
**332-01-21** 10 X 40 mm  
**332-02-21** 13 X 42 mm  
**332-03-21** 16 X 42 mm  
 21 cm / 8¼"

Zenker  
**332-04-25 To 332-06-28**

**332-04-25**  
 25 cm / 10"  
 35 X 8 mm

**332-05-26**  
 26 cm / 10¼"  
 60 X 12 mm

**332-06-28**  
 28 cm / 11"  
 75 X 12 mm

**332-07-23**  
 45 X 15 mm

**332-08-23**  
 60 X 23 mm

**332-09-23**  
 75 X 20 mm

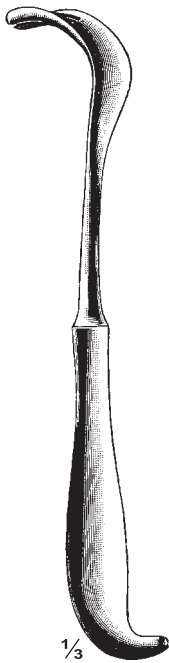
Sauerbruch  
**332-07-23 To 332-09-23**  
 23 cm / 9"



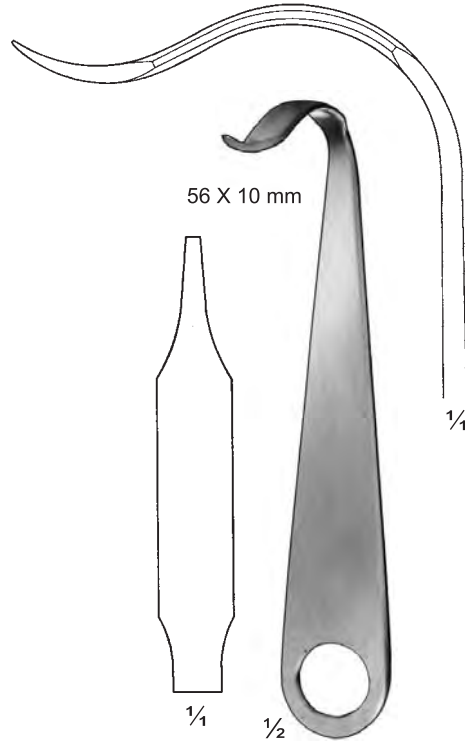
**333-01-25**  
32 X 20 mm



**333-02-25**  
48 X 24 mm

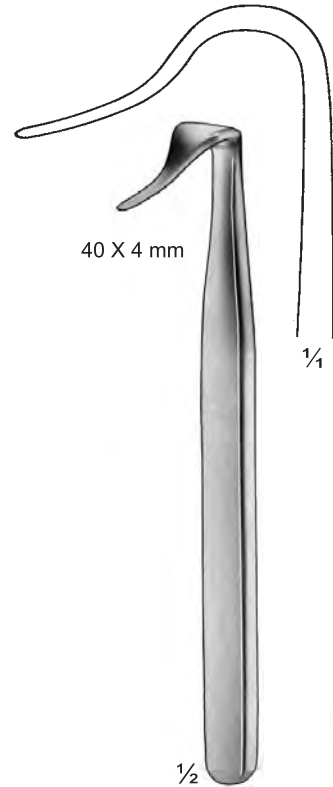


Semb  
**333-01-25 & 333-02-25**  
25 cm / 10"



56 X 10 mm

**333-03-17**  
17 cm / 6 3/4"



40 X 4 mm

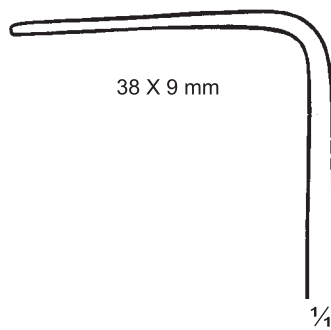
Blount  
**333-04-18**  
18 cm / 7"



36 x 36 mm

43 x 22 mm

Czerny  
**333-05-19**  
19 cm / 7 1/2"



38 X 9 mm



**333-06-21**  
21.5 cm / 8 1/2"

- 333-07-24** 26 X 6 mm
- 333-08-24** 28 X 6 mm
- 333-09-24** 28 X 10 mm
- 333-10-24** 28 X 16 mm
- 333-11-24** 32 X 14 mm
- 333-12-24** 38 X 9 mm
- 333-13-24** 38 X 12 mm
- 333-14-24** 40 X 10 mm
- 333-15-24** 40 X 15 mm
- 333-16-24** 42 X 13 mm



Lahey  
**333-07-24 To 337-16-24**  
24 cm / 9 1/2"

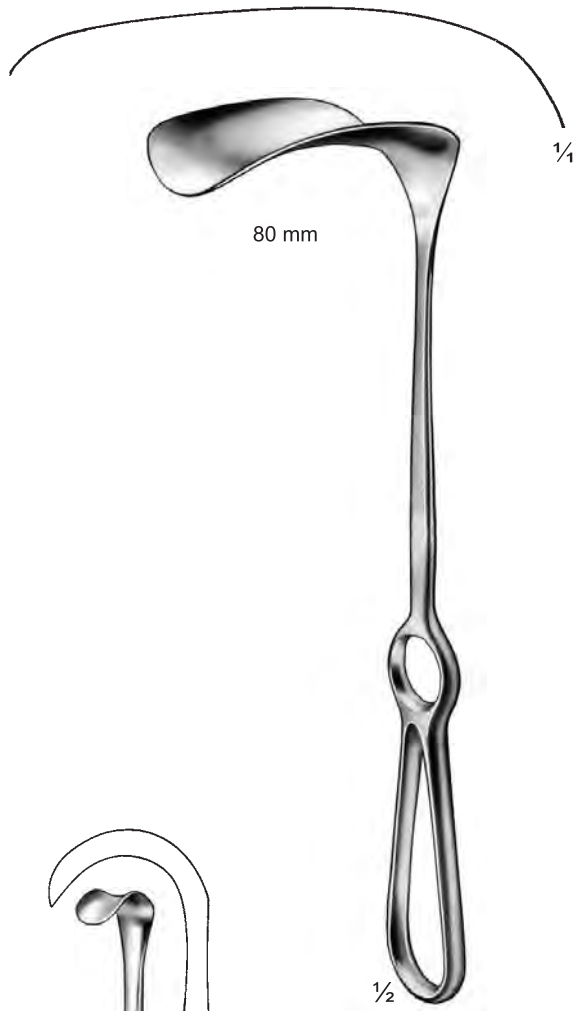




38 X 20 mm

1/2

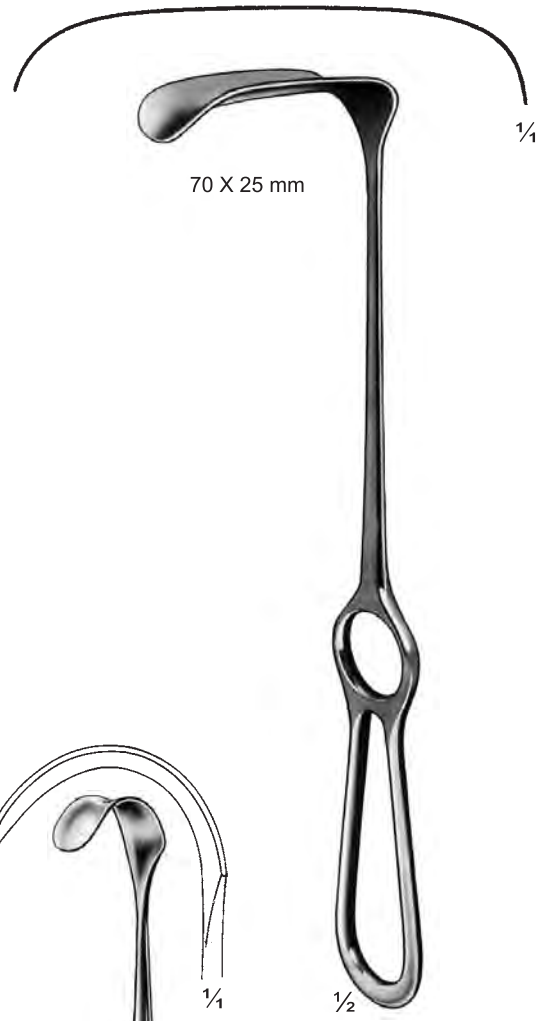
Kocher  
**334-01-23**  
23 cm / 9"



80 mm

1/2

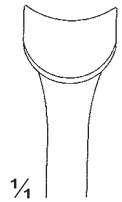
Kocher  
**334-02-24** 80 X 42 mm  
**334-03-24** 80 X 50 mm  
**334-04-24** 80 X 60 mm  
24 cm / 9 1/2"



70 X 25 mm

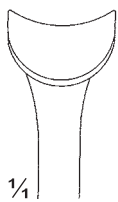
1/2

Kocher  
**334-05-25**  
25 cm / 10"



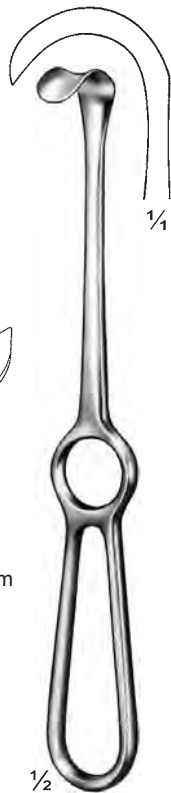
1/4

**334-06-19**  
19 X 12 mm



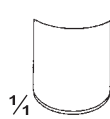
1/4

**334-07-19**  
21 X 14 mm



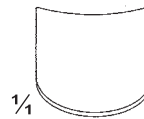
1/4

Kocher  
**334-06-19 & 334-07-19**  
19 cm / 7 1/2"



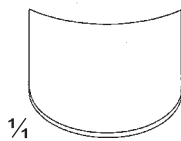
1/4

**334-08-22**  
40 X 10 mm



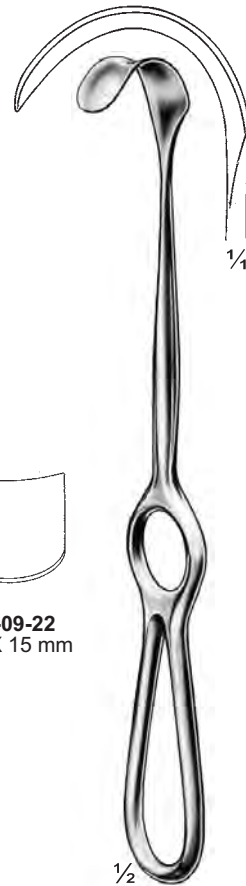
1/4

**334-09-22**  
40 X 15 mm



1/4

**334-10-22**  
40 X 20 mm



1/4

1/2

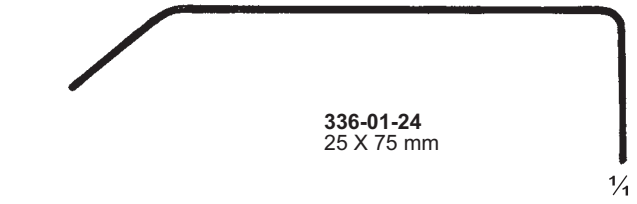
Kocher  
**334-08-22 To 334-10-22**  
22 cm / 8 3/4"





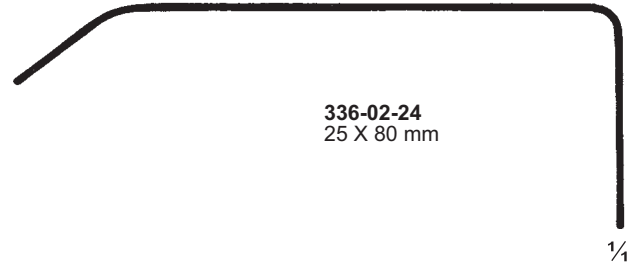
1/2

Hibbs  
336-01-24 & 336-02-24  
24 cm / 9 1/2"



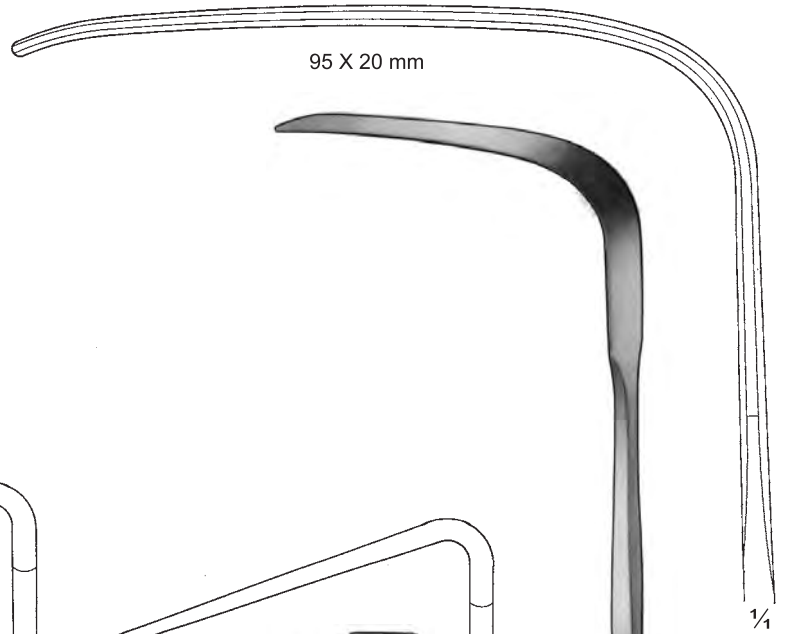
336-01-24  
25 X 75 mm

1/4



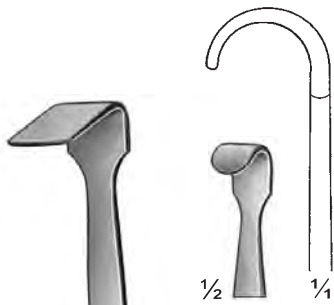
336-02-24  
25 X 80 mm

1/4



95 X 20 mm

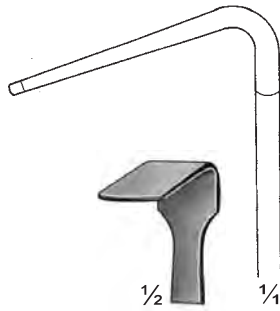
1/4



336-03-14  
12 X 13 mm

1/2

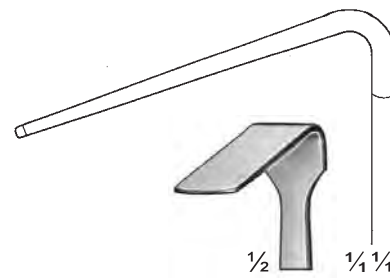
1/4



336-04-14  
32 X 19 mm

1/2

1/4

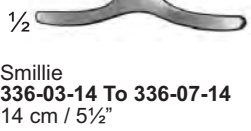


336-05-14  
48 X 19 mm

1/2

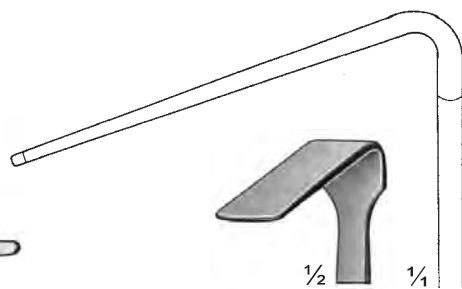
1/4

1/4



Smillie  
336-03-14 To 336-07-14  
14 cm / 5 1/2"

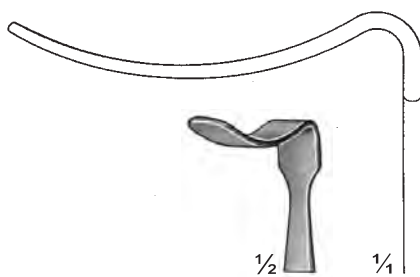
1/2



336-06-14  
57 X 19 mm

1/2

1/4



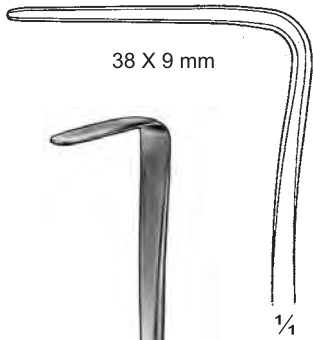
336-07-14  
52 X 13 mm

1/2

1/4

Modell Tubingen  
336-08-26  
26.5 cm / 10 1/2"

1/2



38 X 9 mm

1/4

**337-02-21  
337-14-22**  
25 X 7 mm

**337-03-21  
337-15-22**  
31 X 10 mm

**337-04-21  
337-16-22**  
42 X 11 mm

**337-05-21  
337-17-22**  
55 X 12 mm

**337-06-21  
337-18-22**  
70 X 14 mm

**337-07-21  
337-19-22**  
80 X 16 mm

**337-08-21  
337-20-22**  
25 X 7 mm

**337-09-21  
337-21-22**  
31 X 10 mm

**337-10-21  
337-22-22**  
42 X 11 mm

**337-11-21  
337-23-22**  
55 X 12 mm

**337-12-21  
337-24-22**  
70 X 14 mm

**337-13-21  
337-25-22**  
80 X 16 mm

1/2

**337-01-23**  
23 cm / 9"



Obwegeser  
**337-02-21 To 337-13-21**  
21.5 cm / 8 1/2"



1/2

Lagenbeck  
**337-14-22 To 337-25-22**  
22 cm / 8 3/4"



**338-01-20** 25 X 7 mm  
**338-02-20** 42 X 10 mm  
**338-03-20** 42 X 12 mm  
**338-04-20** 42 X 13 mm  
 20 cm / 8"



**Rasmus**  
**338-05-20** 55 X 12 mm  
**338-06-20** 60 X 12 mm  
**338-07-20** 70 X 14 mm  
**338-08-20** 80 X 16 mm  
 20 cm / 8"



**338-09-17**  
 17 cm / 6¾"



**338-10-17**  
 17 cm / 6¾"

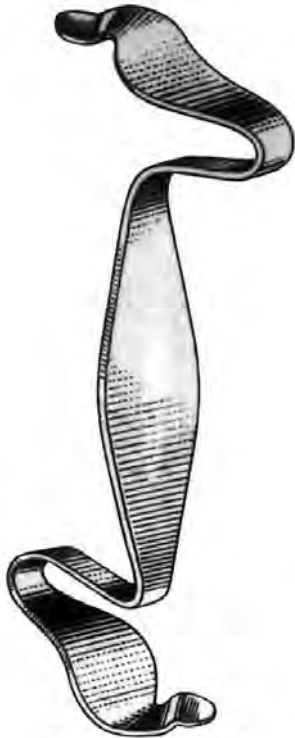


**338-16-27**  
 82 X 28 mm



**338-15-27**  
 73 X 28 mm

½



**Rowe**  
**338-11-20** 20 cm / 8"  
**338-12-23** 23 cm / 9"



**Rayne**  
**338-13-23**  
 23 cm / 9"



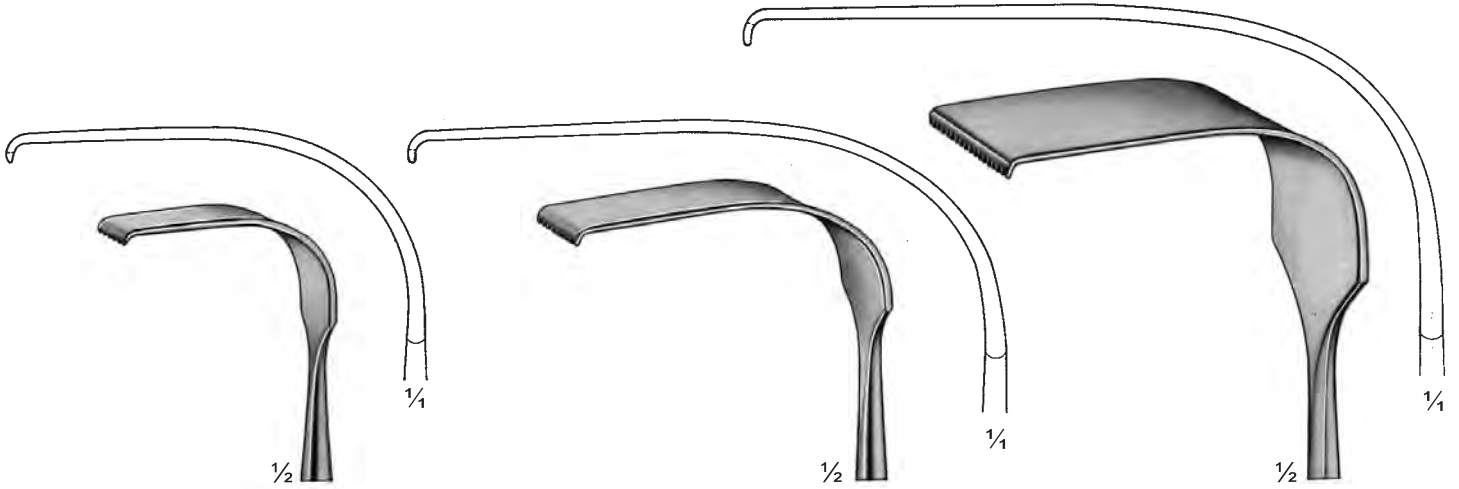
**338-14-27**  
 45 X 25 mm

½



½

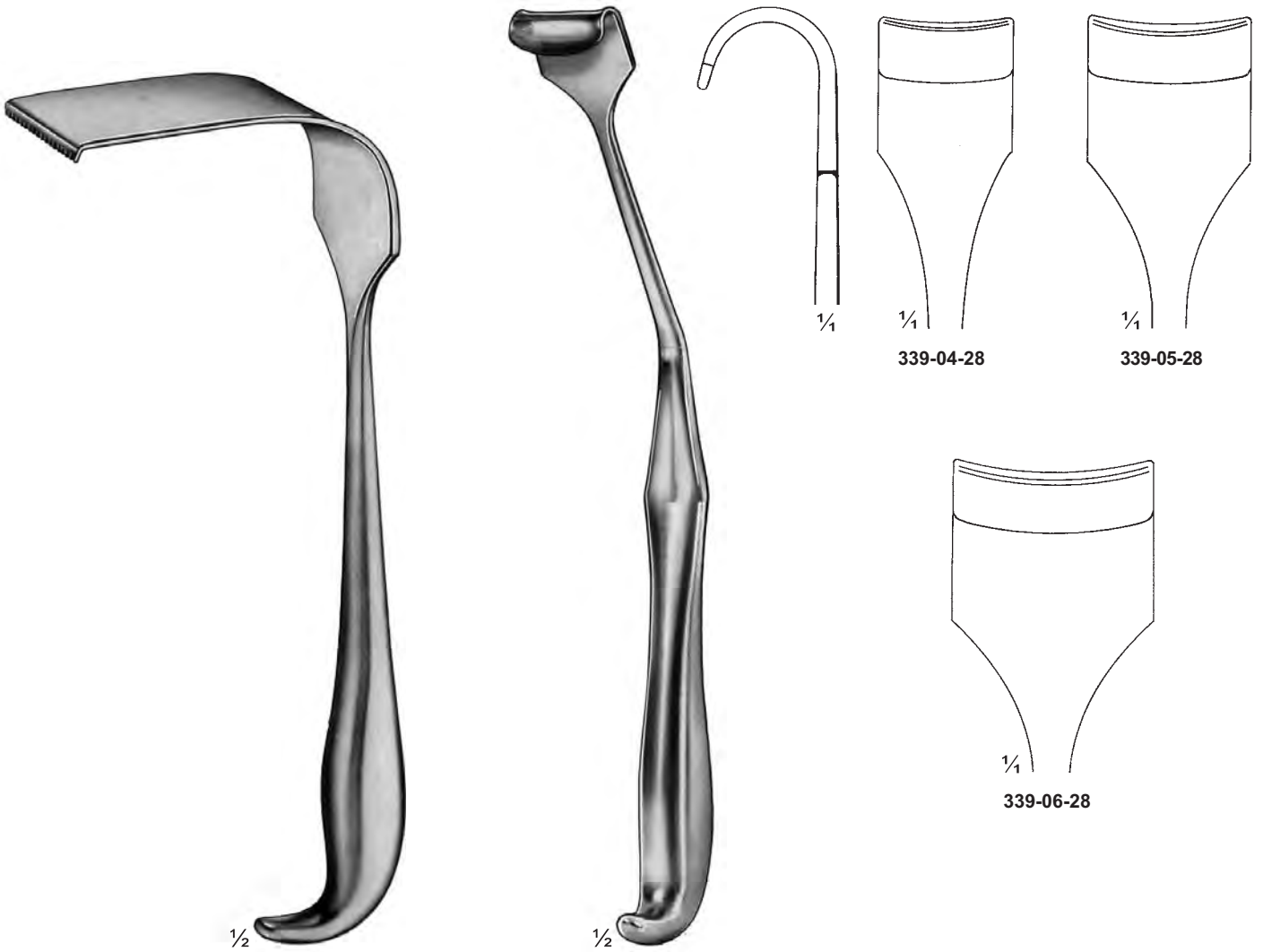
**Heaney**  
**338-14-27 To 338-16-27**  
 27 cm / 10½"



**339-01-21**  
21 cm / 8¼"  
52 X 16 mm

**339-02-23**  
23 cm / 9"  
76 X 25 mm

**339-03-25**  
25 cm / 10"  
89 X 50 mm



Meyerding  
**339-01-21 To 339-03-25**

**339-04-28 To 339-06-28**  
28 cm / 11"



**340-01-25**  
45 X 45 mm

**340-02-25**  
45 X 50 mm

**340-03-25**  
55 X 70 mm

Middelдорpf  
**340-01-25 To 340-03-25**  
25 cm / 10"

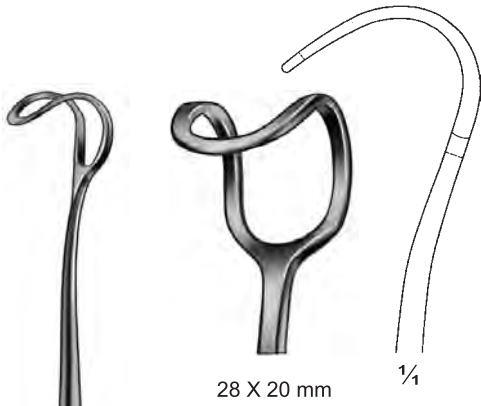
**340-04-21**  
**340-07-21**  
21.5 cm / 8 1/2"  
14 X 17 mm

**340-05-22**  
**340-08-22**  
22 cm / 8 3/4"  
20 X 22 mm

**340-06-23**  
**340-09-23**  
23.5 cm / 9 1/4"  
26 X 30 mm

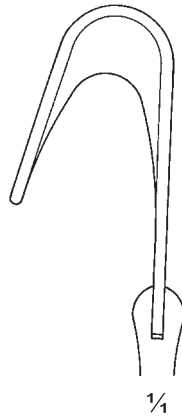
Middelдорpf  
**340-04-21 To 340-06-23**

Middelдорpf  
**340-07-21 To 340-09-23**



28 X 20 mm

1/4



1/4



1/2

**341-02-20**  
20 cm / 8"

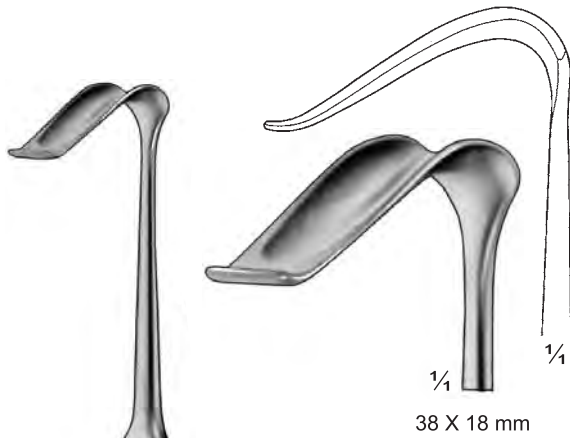


1/2

18 X 35 mm  
Moveable blade

1/2

**Greene**  
**341-01-23**  
23 cm / 9"



1/4

38 X 18 mm

1/4



1/4

1/2

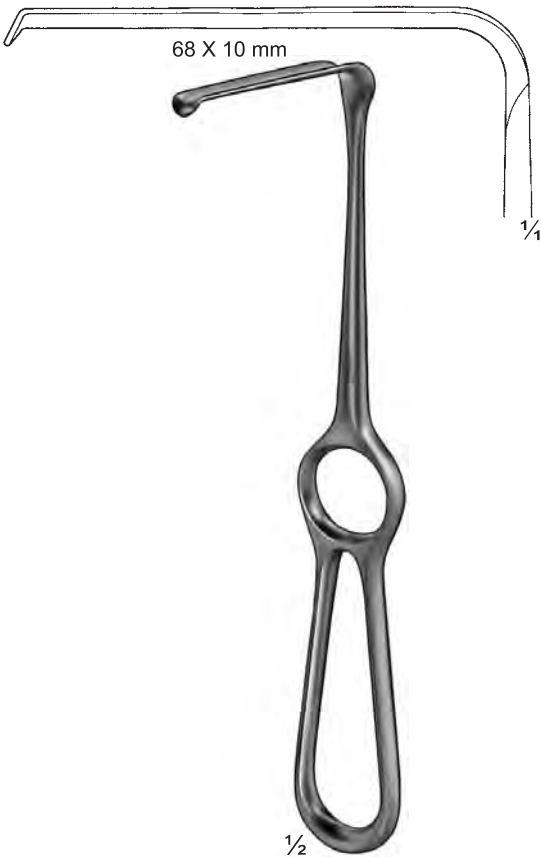
**Büchs**  
**341-03-20**  
20 cm / 8"



1/2

**341-04-19**  
19.5 cm / 7 3/4"





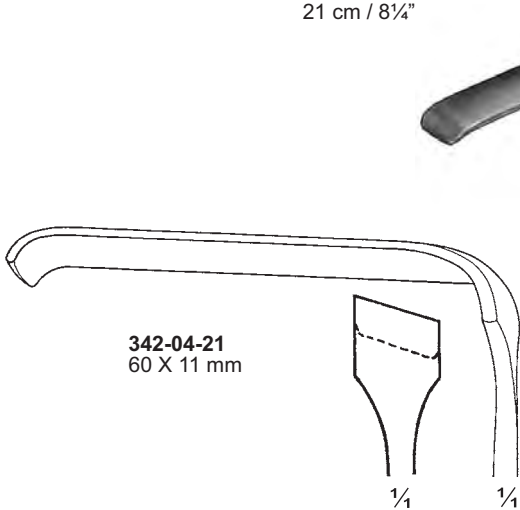
**Kramer**  
**342-01-21**  
21 cm / 8¼"



**342-02-23**  
23 cm / 9"  
53 X 15 mm

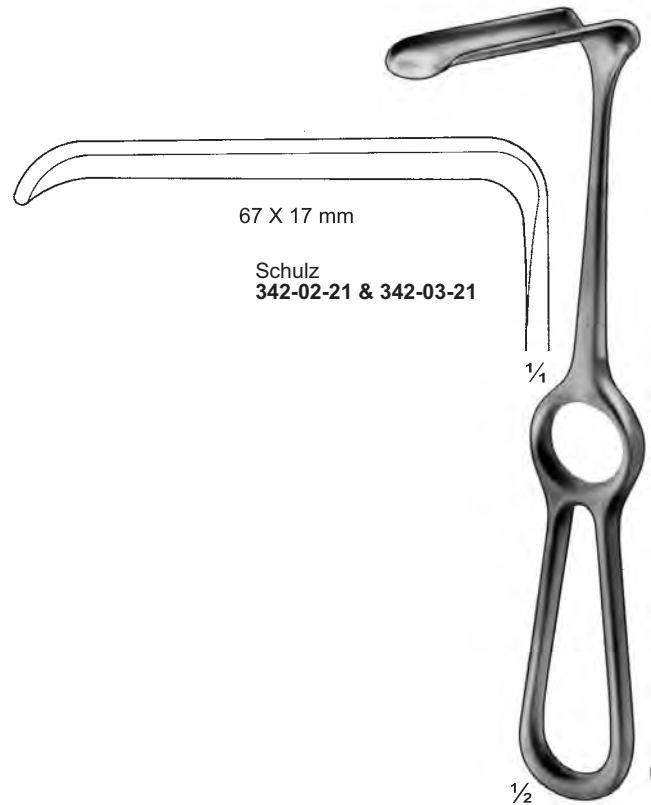
**342-03-21**  
21.5 cm / 8½"  
59 X 20 mm

With suction device



**342-04-21**  
60 X 11 mm

**342-05-21**  
60 X 11 mm

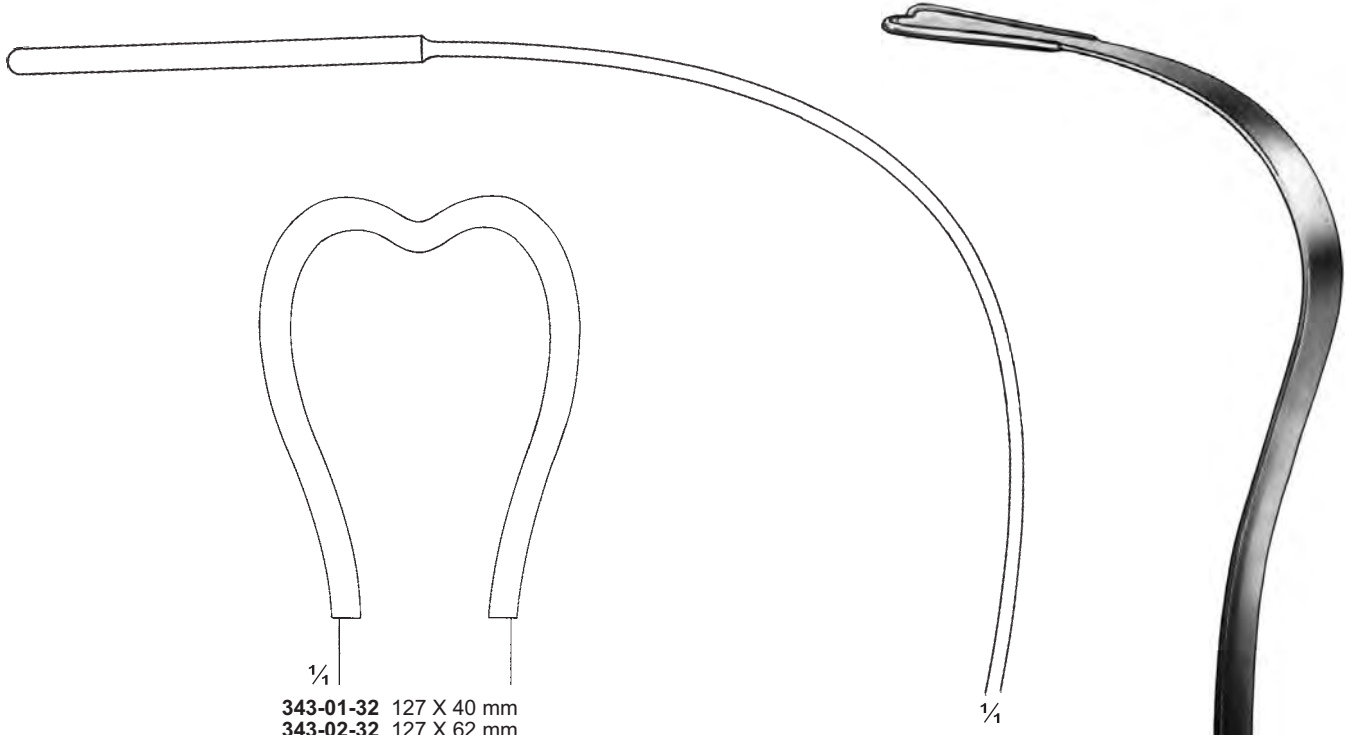


67 X 17 mm

Schulz  
**342-02-21 & 342-03-21**

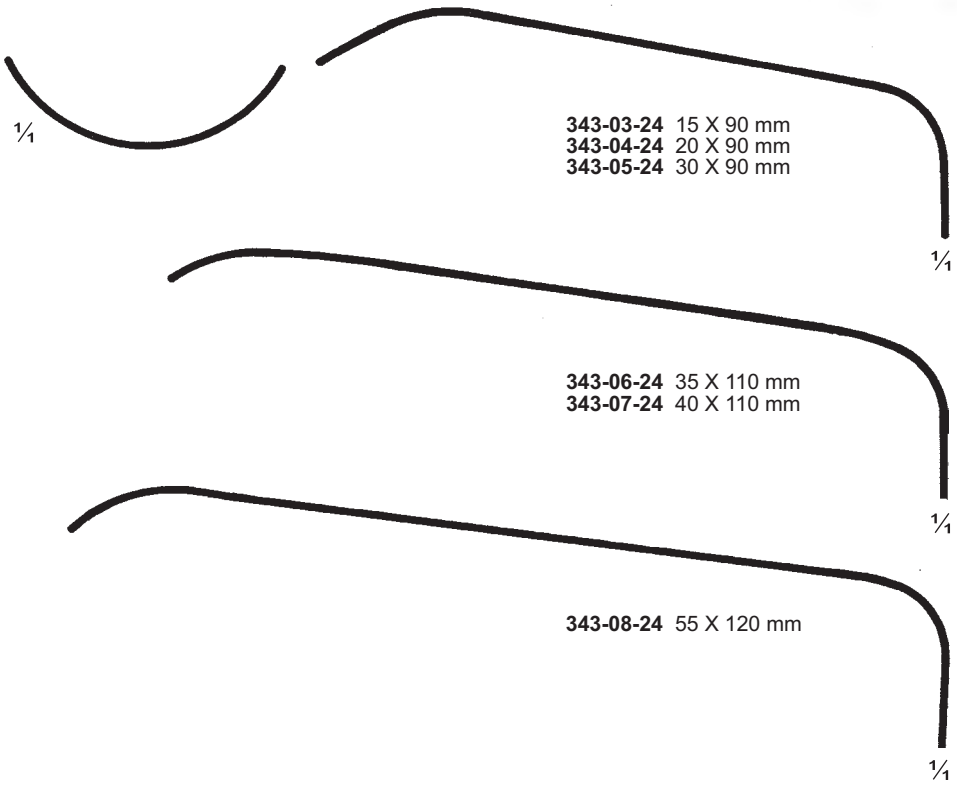
**Kirsch**  
**342-04-21 & 342-05-21**  
21 cm / 8¼"

**Caspar**  
**342-06-21**  
21 cm / 8¼"



1/4  
**343-01-32** 127 X 40 mm  
**343-02-32** 127 X 62 mm

1/4



**343-03-24** 15 X 90 mm  
**343-04-24** 20 X 90 mm  
**343-05-24** 30 X 90 mm

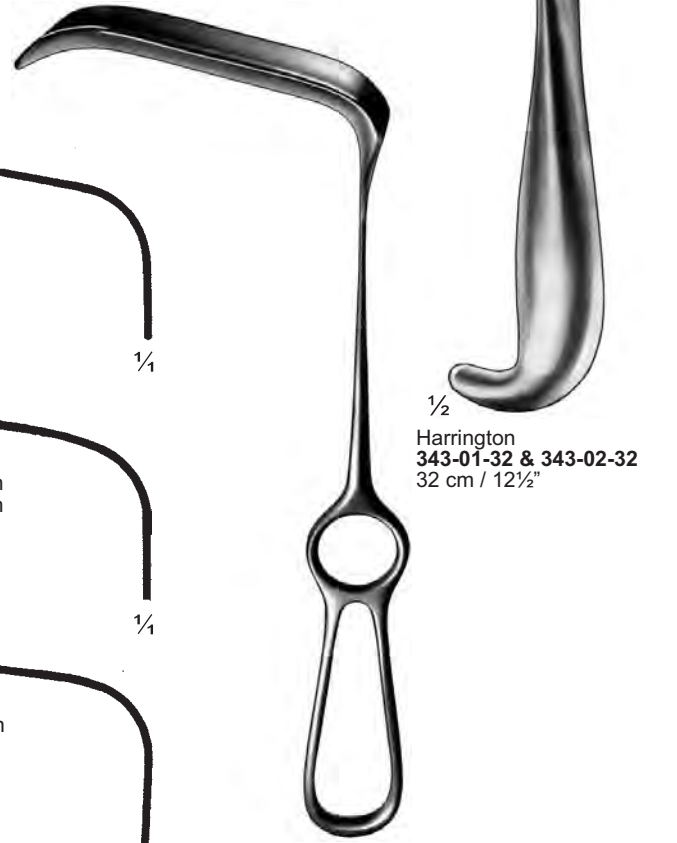
**343-06-24** 35 X 110 mm  
**343-07-24** 40 X 110 mm

**343-08-24** 55 X 120 mm

1/4

1/4

1/4



1/2  
 Harrington  
**343-01-32 & 343-02-32**  
 32 cm / 12 1/2"

Doyen-Stillé  
**343-03-24 To 343-08-24**  
 24 cm / 9 1/2"



63 X 55 mm

1/2

**Tuffier**  
**344-01-21**  
21 cm / 8 1/4"



35 mm

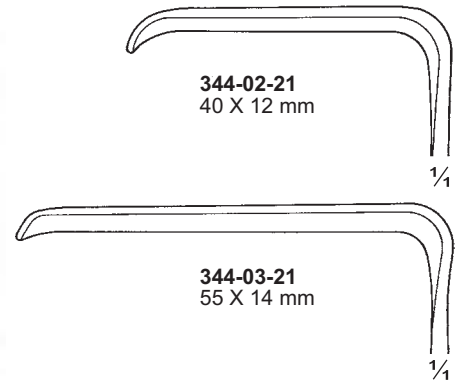
1/2

**Legueu**  
**344-04-27**  
27 cm / 10 1/2"



1/2

**Dockhorn**  
**344-02-21 & 344-03-21**  
21 cm / 8 1/4"

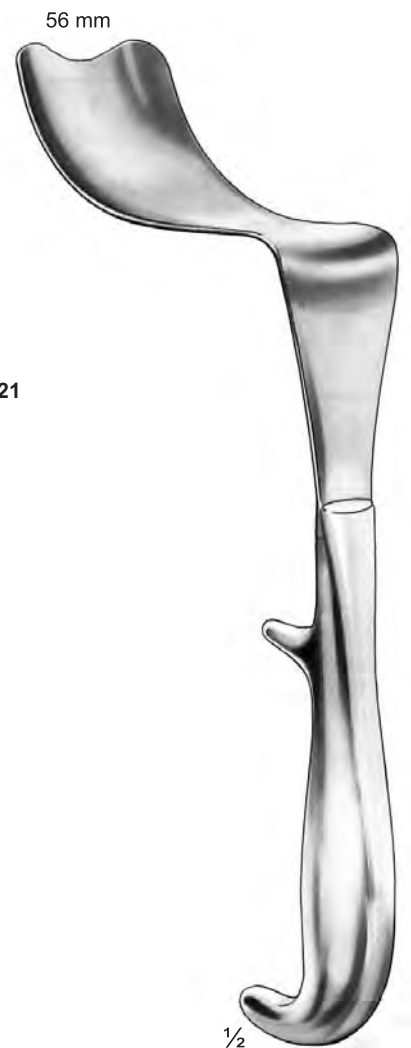


**344-02-21**  
40 X 12 mm

1/4

**344-03-21**  
55 X 14 mm

1/4



56 mm

1/2

**Kocher**  
**344-05-26**  
26 cm / 10 1/4"



1/2

Ross  
345-01-27 To 345-06-27  
27 cm / 10 1/2"  
(Aorta)



1/4

345-01-27



1/4

345-02-27



1/4

345-03-27



1/4

345-04-27



1/4

345-05-27



1/4

345-06-27



1/2

Kocher-Wagner  
345-07-28 To 345-10-28  
28 cm / 11"



1/4

345-07-28  
20 X 15 mm



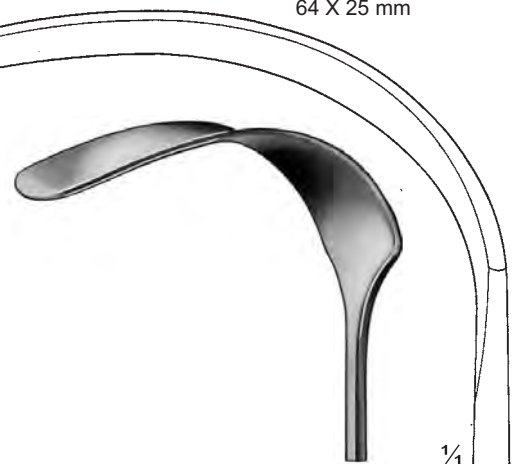
1/4

345-09-28  
64 X 25 mm



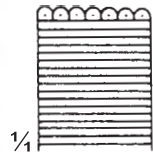
1/4

345-08-28  
36 X 20 mm

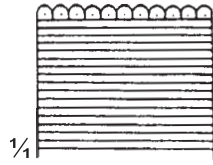


1/4

345-10-28  
94 X 36 mm



**346-01-19**  
15 X 15 mm

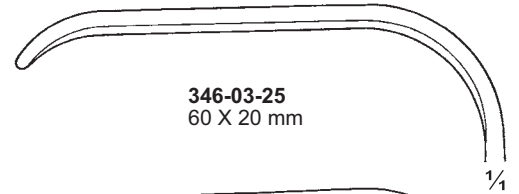


**346-02-19**  
15 X 23 mm

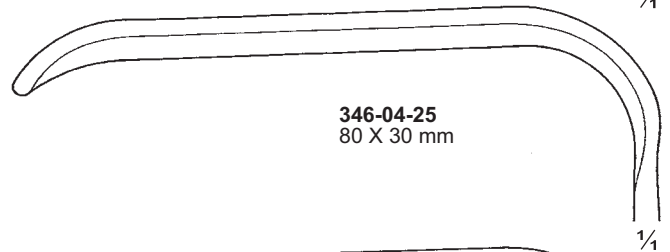
$\frac{1}{2}$   
Crawford  
**346-01-19 & 346-02-19**  
19 cm / 7½"  
(Aorta)



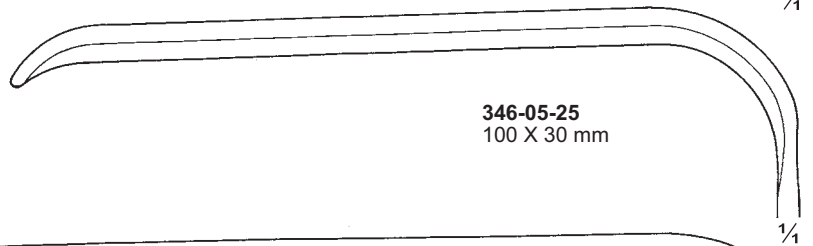
$\frac{1}{2}$   
Hoesel  
**346-03-25 To 346-08-25**  
25 cm / 10"



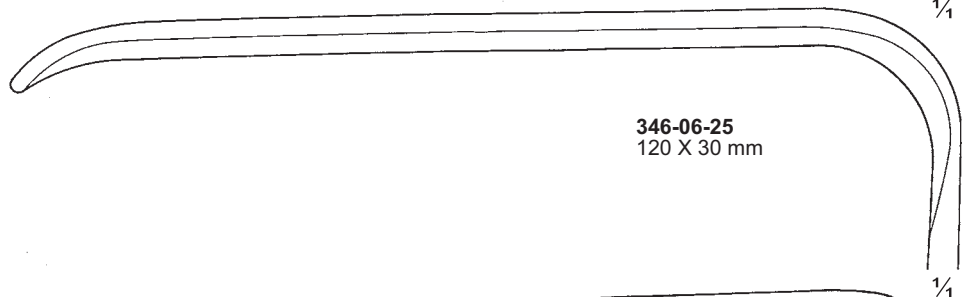
**346-03-25**  
60 X 20 mm



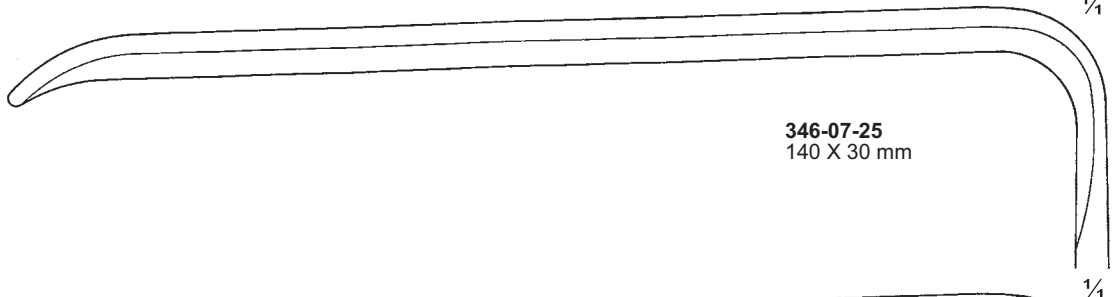
**346-04-25**  
80 X 30 mm



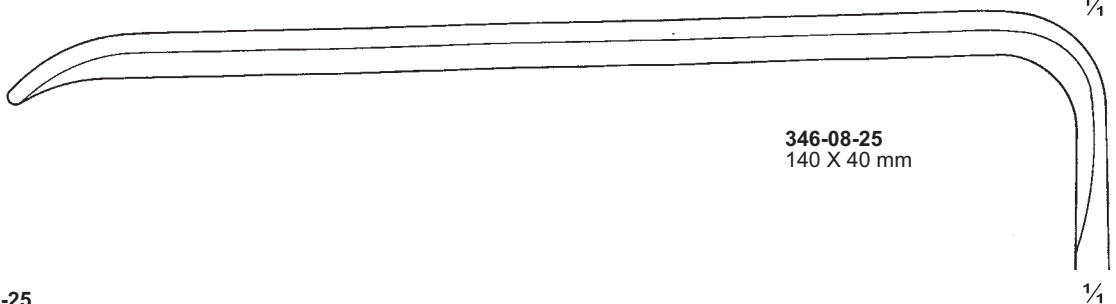
**346-05-25**  
100 X 30 mm



**346-06-25**  
120 X 30 mm



**346-07-25**  
140 X 30 mm



**346-08-25**  
140 X 40 mm



**347-01-24**  
20 X 25 mm



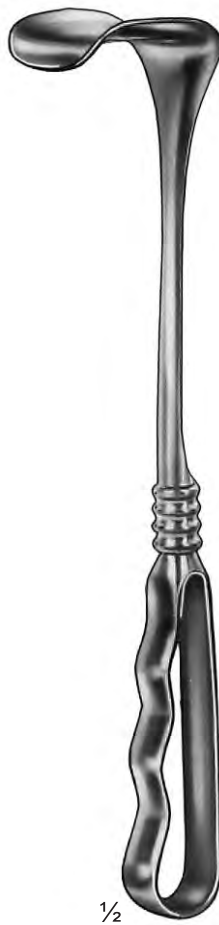
**347-02-24**  
25 X 32 mm



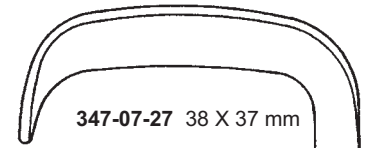
**347-03-24**  
38 X 38 mm



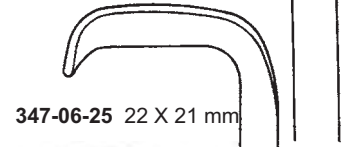
**347-04-24**  
20 X 50 mm



Richardson  
**347-01-24 To 347-04-24**  
24 cm / 9½"



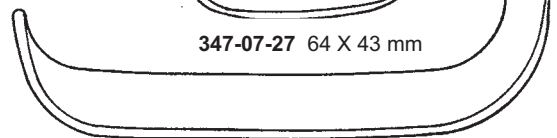
**347-07-27** 38 X 37 mm



**347-06-25** 22 X 21 mm



**347-06-25** 29 X 30 mm



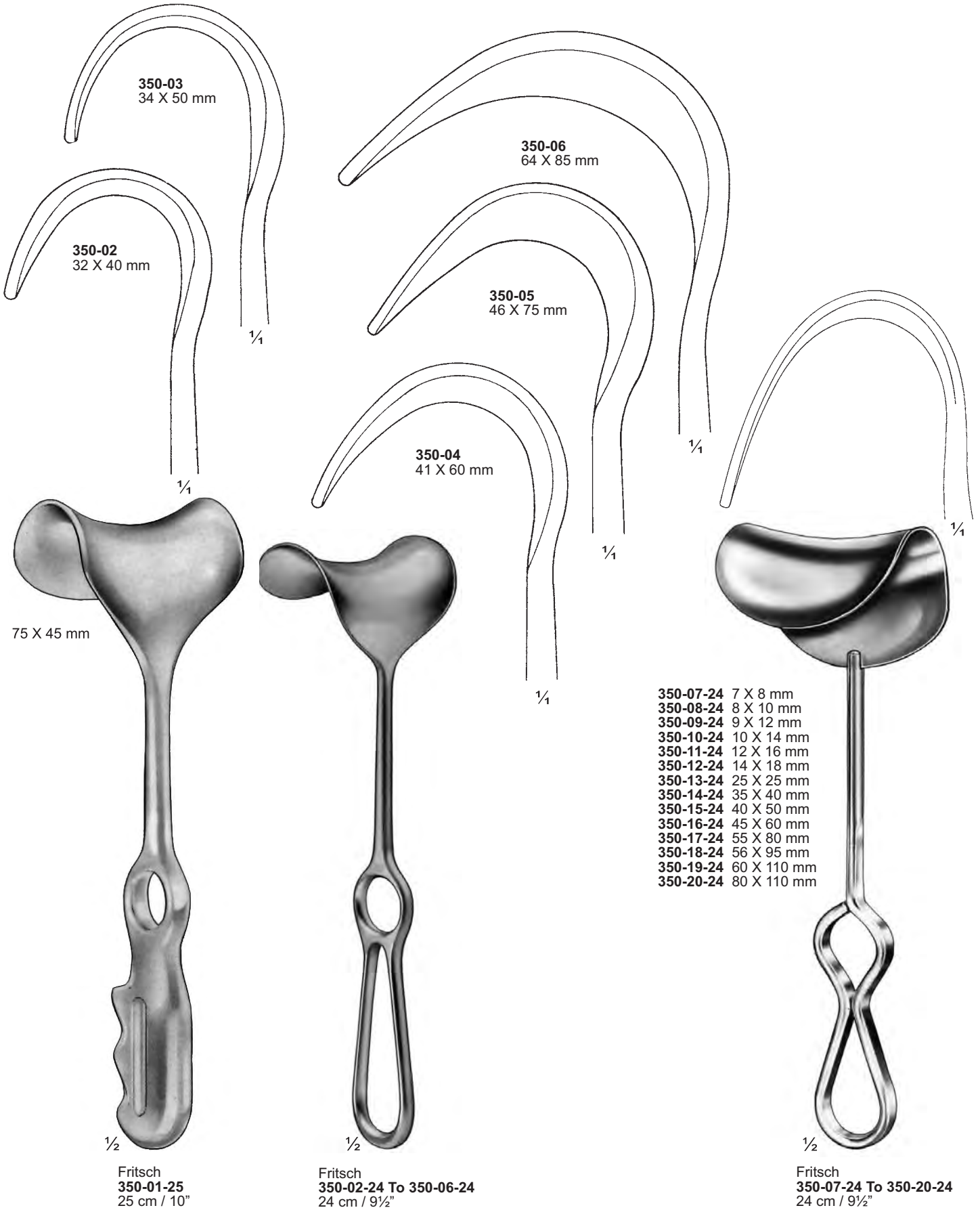
**347-07-27** 64 X 43 mm

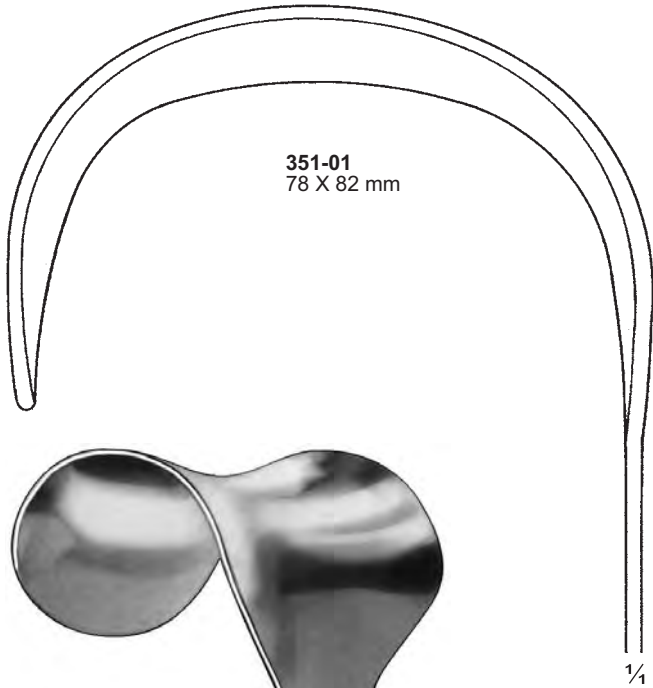
Richardson-Eastman  
**347-05-02**  
Set of 2 consisting :  
**347-06-25** 25 cm / 10"  
**347-07-27** 27 cm / 10½"











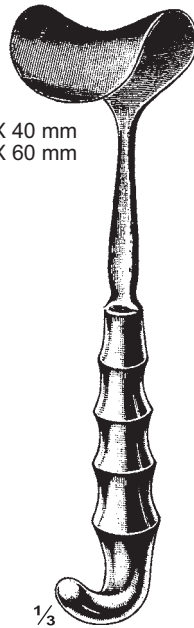
**351-01**  
78 X 82 mm

- 351-04-32** 100 X 15 mm
- 351-05-32** 100 X 25 mm
- 351-06-32** 100 X 30 mm
- 351-07-32** 100 X 35 mm
- 351-08-32** 100 X 40 mm
- 351-09-32** 130 X 20 mm
- 351-10-32** 130 X 25 mm
- 351-11-32** 130 X 30 mm
- 351-12-32** 130 X 35 mm
- 351-13-32** 130 X 40 mm
- 351-14-32** 155 X 40 mm



1/2

Doyen  
**351-01-26**  
26 cm / 10 1/4"



1/3

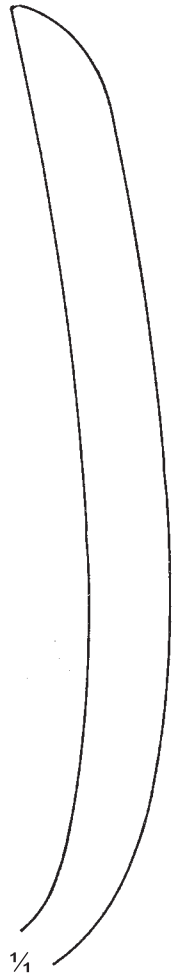
**351-02-24** 50 X 40 mm  
**351-03-24** 80 X 60 mm

Fritsch  
**351-02-24 & 351-03-24**  
24 cm / 9 1/2"

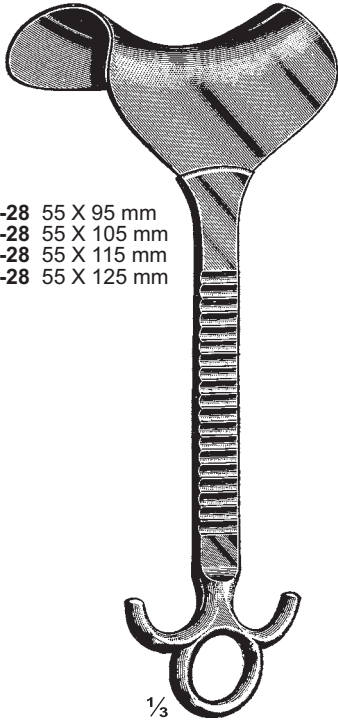


1/2

Breisky  
**351-04-32 To 351-14-32**  
32 cm / 12 3/4"

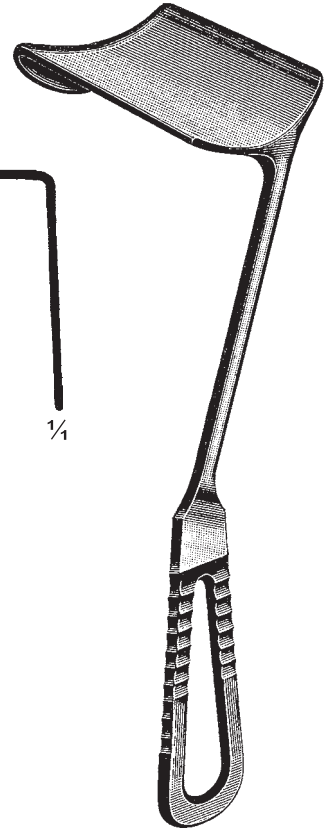
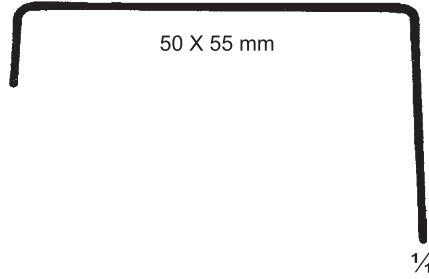


1/4

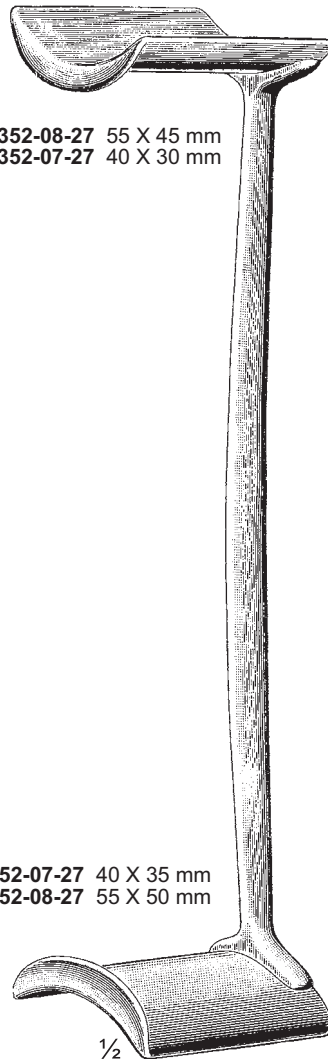


**352-01-28** 55 X 95 mm  
**352-02-28** 55 X 105 mm  
**352-03-28** 55 X 115 mm  
**352-04-28** 55 X 125 mm

Doyen  
**352-01-28 To 352-04-28**  
 28 cm / 11"



Morris  
**352-05-21**  
 21 cm / 8 1/4"



**352-08-27** 55 X 45 mm  
**352-07-27** 40 X 30 mm

**352-07-27** 40 X 35 mm  
**352-08-27** 55 X 50 mm

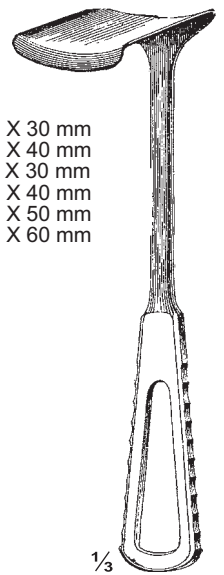
Morris  
**352-07-27 & 352-08-27**  
 27 cm / 10 1/2"



32 X 40 mm

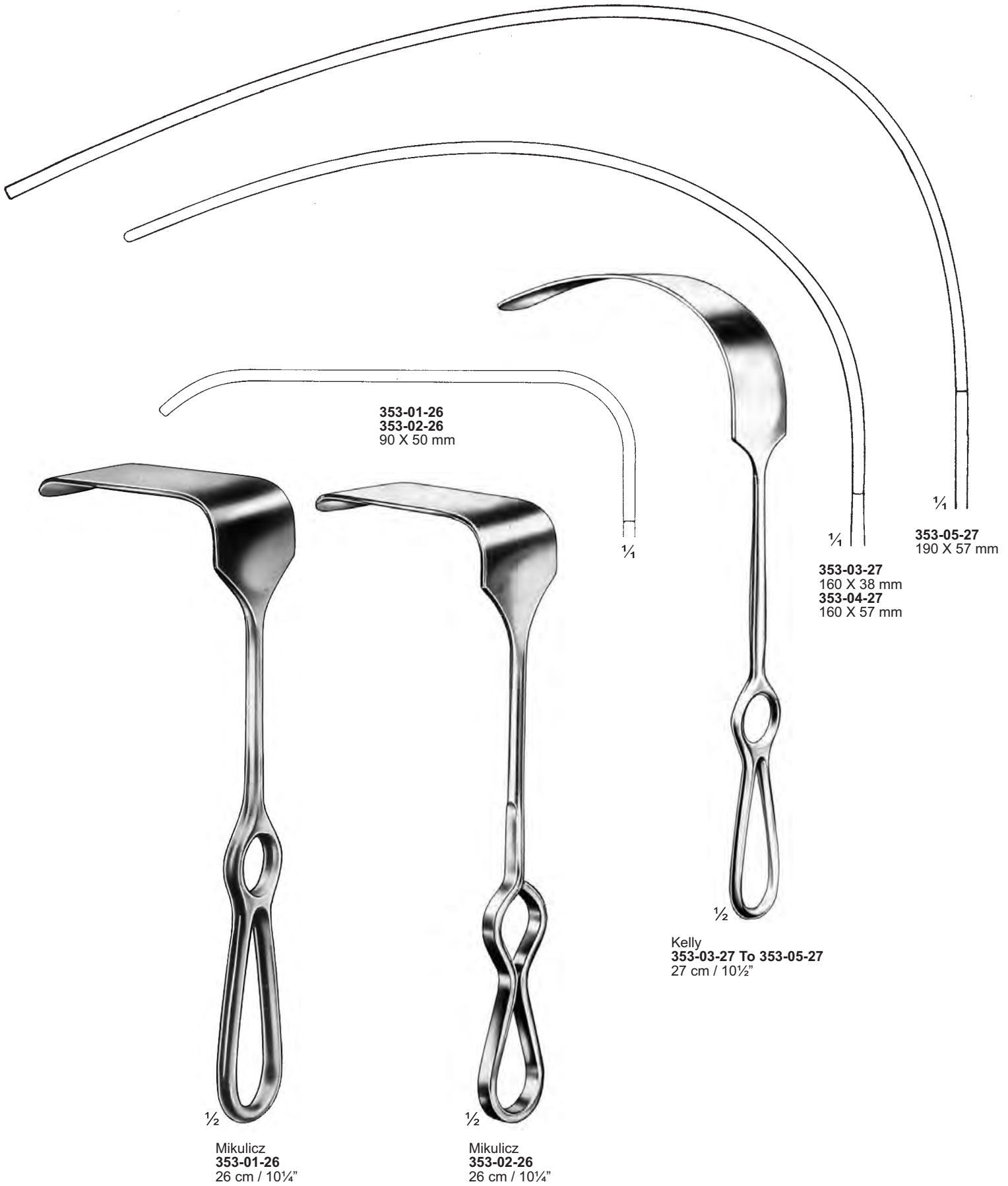
25 X 32 mm

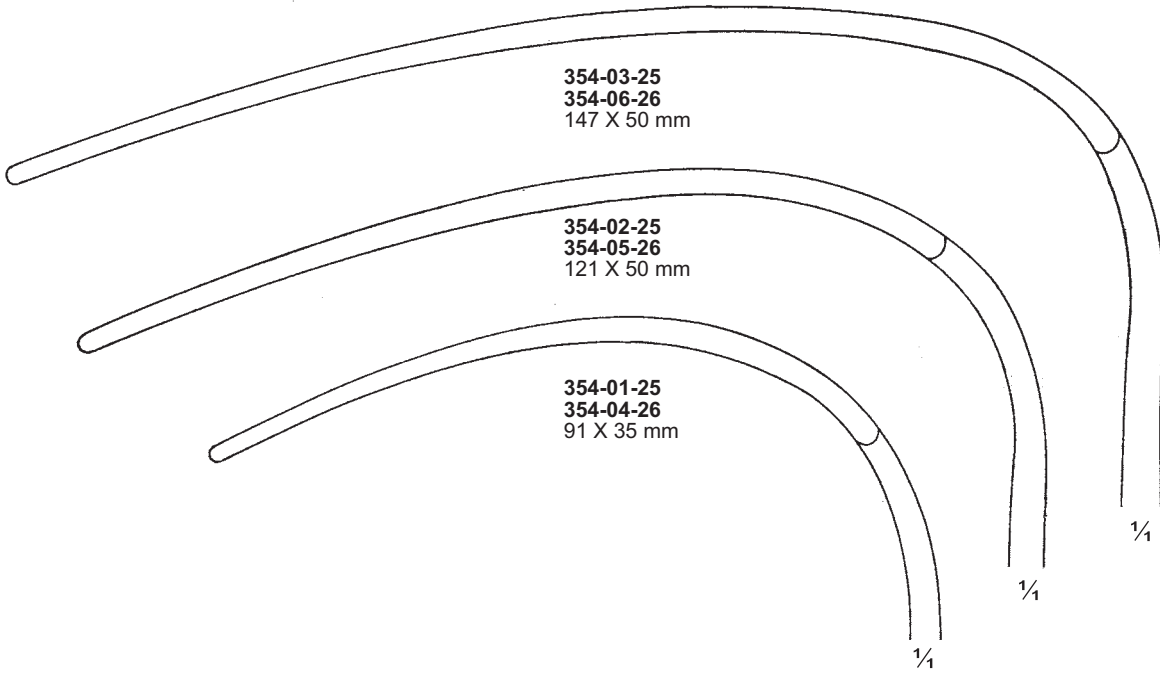
Goelet  
**352-06-19**  
 19 cm / 7 1/2"



**352-09-23** 30 X 30 mm  
**352-10-23** 40 X 40 mm  
**352-11-23** 50 X 30 mm  
**352-12-23** 50 X 40 mm  
**352-13-23** 50 X 50 mm  
**352-14-23** 50 X 60 mm

Morris  
**352-09-23 To 352-14-23**  
 23 cm / 9"

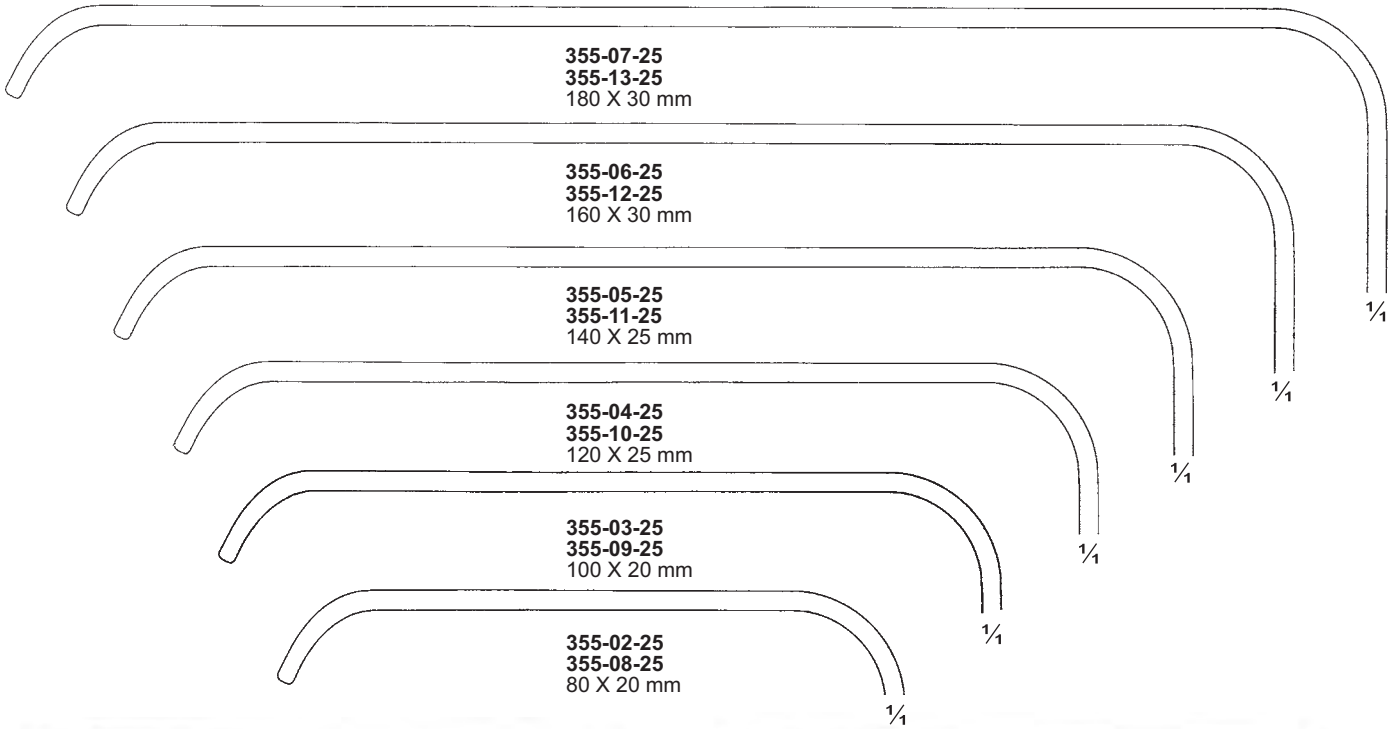




Mikulicz  
354-01-25 To 354-03-25  
25 cm / 10"



Mikulicz  
354-04-26 To 354-06-26  
26 cm / 10 1/4"



30 X 75 mm

$\frac{1}{3}$

**Morrision Davies**  
355-01-24  
24 cm / 9½"

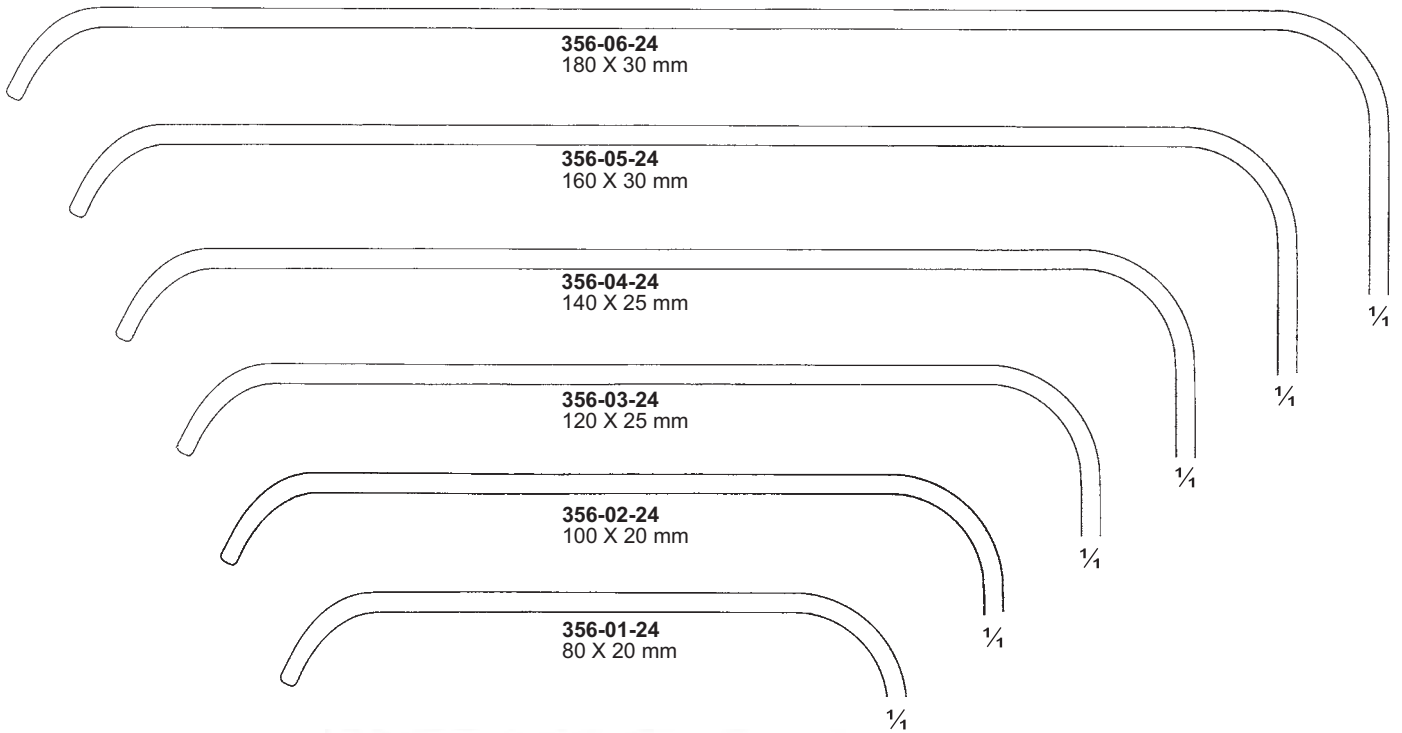


$\frac{1}{2}$

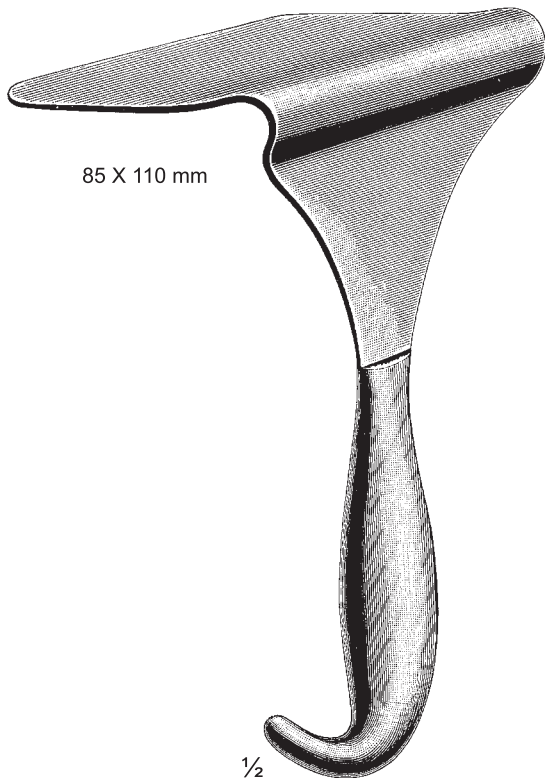
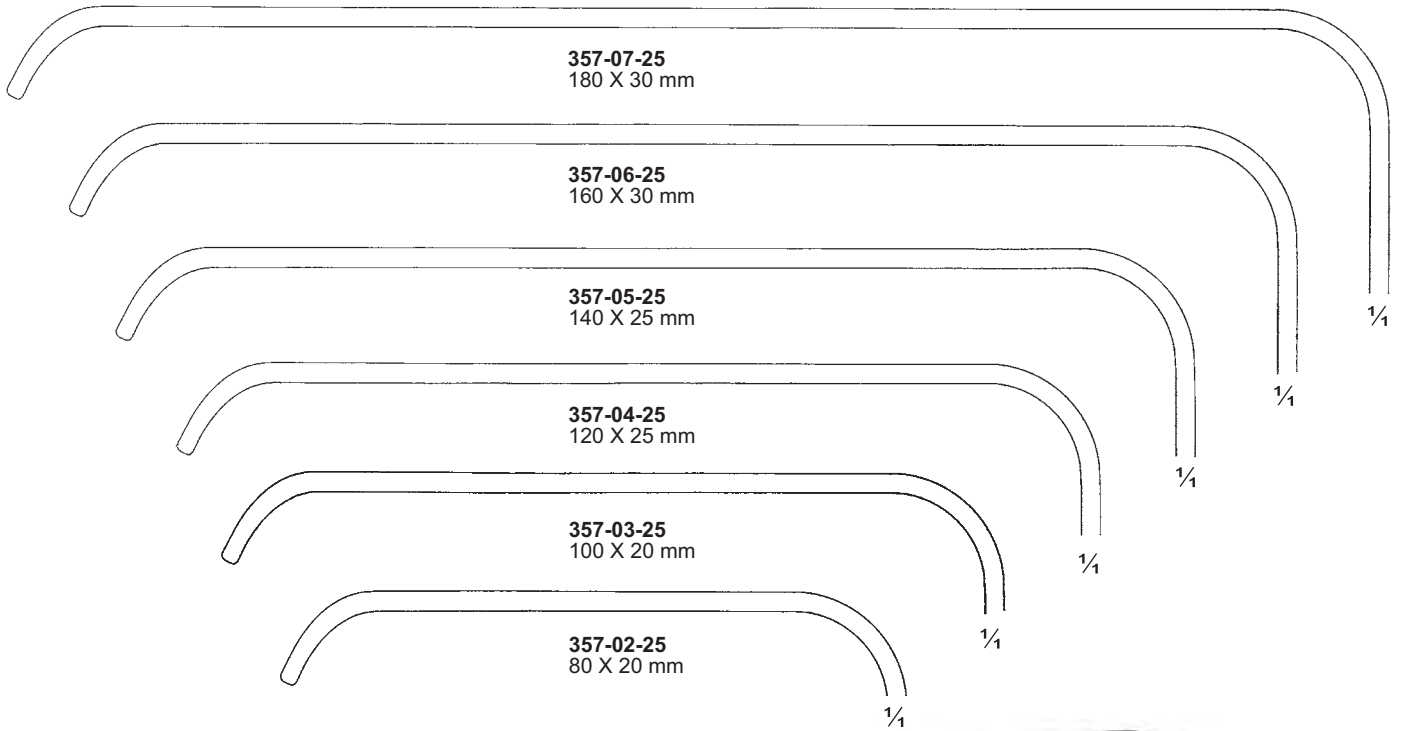
**Brunner**  
355-02-25 To 355-07-25  
25 cm / 10"

$\frac{1}{2}$

**Brunner**  
355-08-25 To 355-13-25  
25 cm / 10"



**Brunner**  
**356-01-24 To 356-06-24**  
24 cm / 9½"

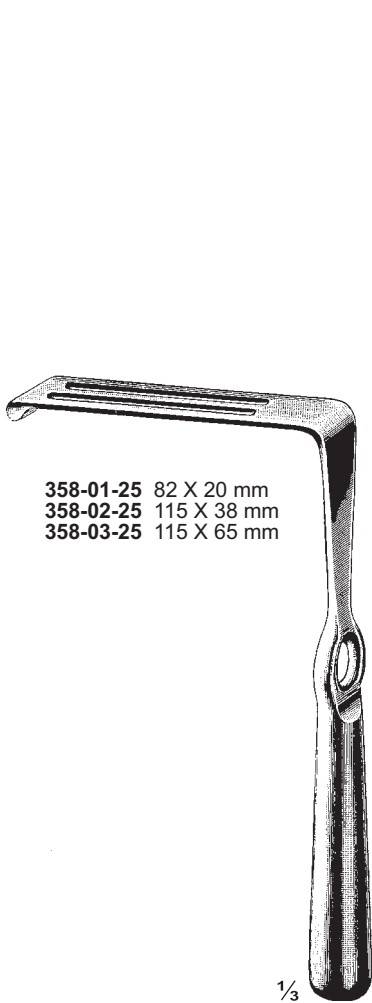
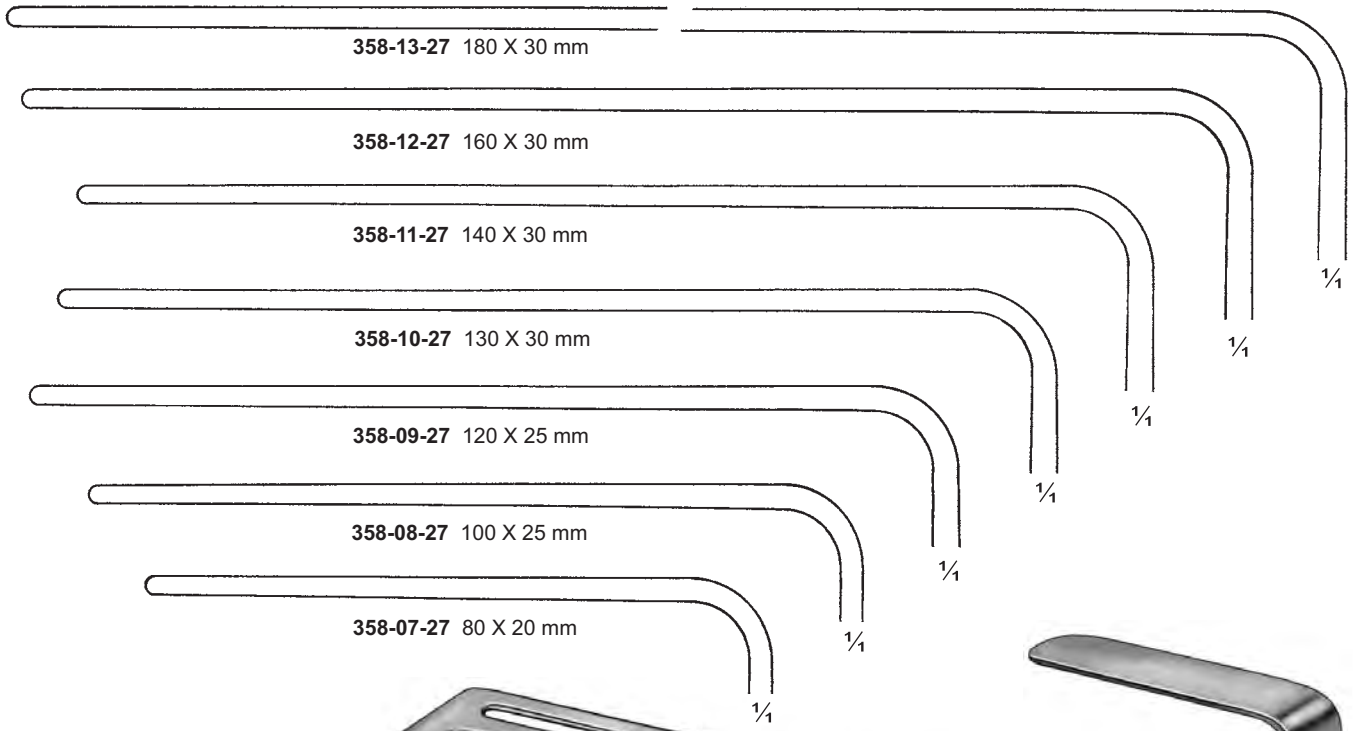


**Albarran**  
**357-01-20**  
20 cm / 8"

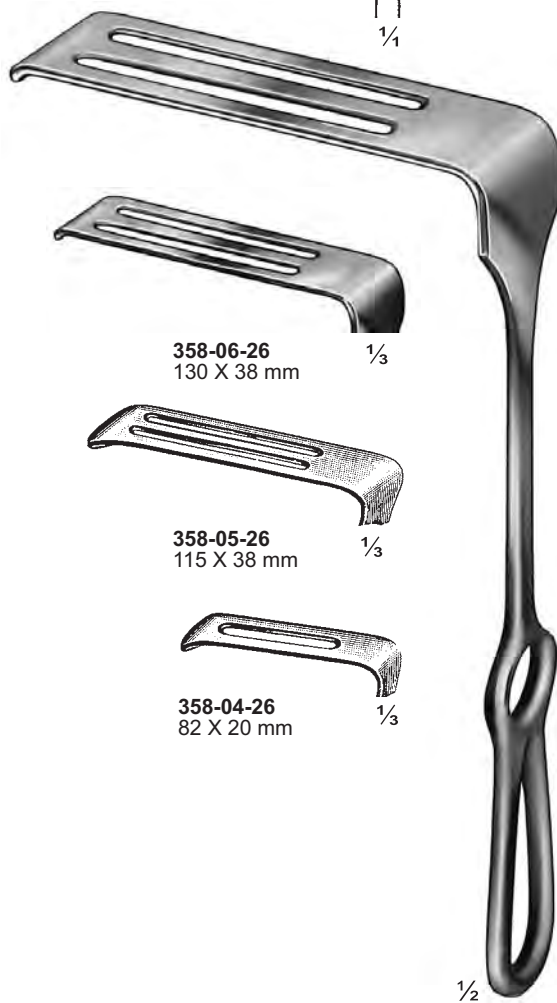


**Brunner**  
**357-02-25 To 357-07-25**  
25 cm / 10"





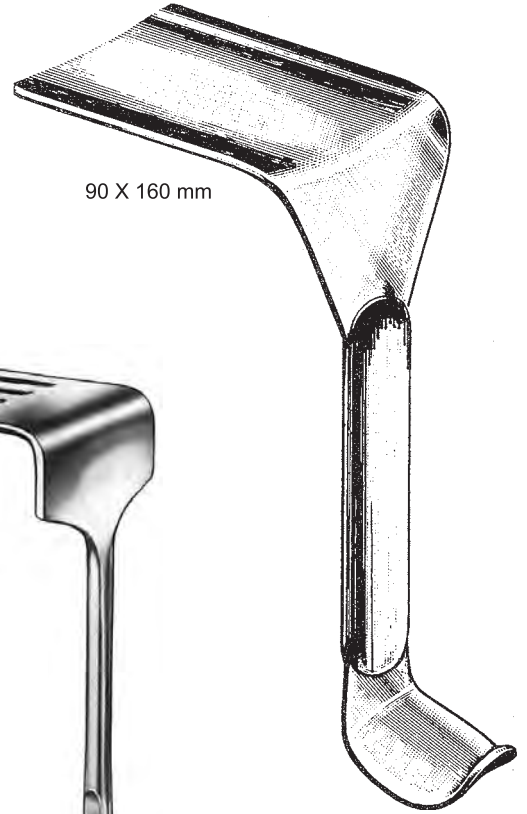
Sauerbruch  
358-01-25 To 358-03-25  
25 cm / 10"



Sauerbruch  
358-04-26 To 358-06-26  
26 cm / 10 $\frac{1}{4}$ "



Bruener  
358-07-27 To 358-13-27  
27.5 cm / 10 $\frac{3}{4}$ "



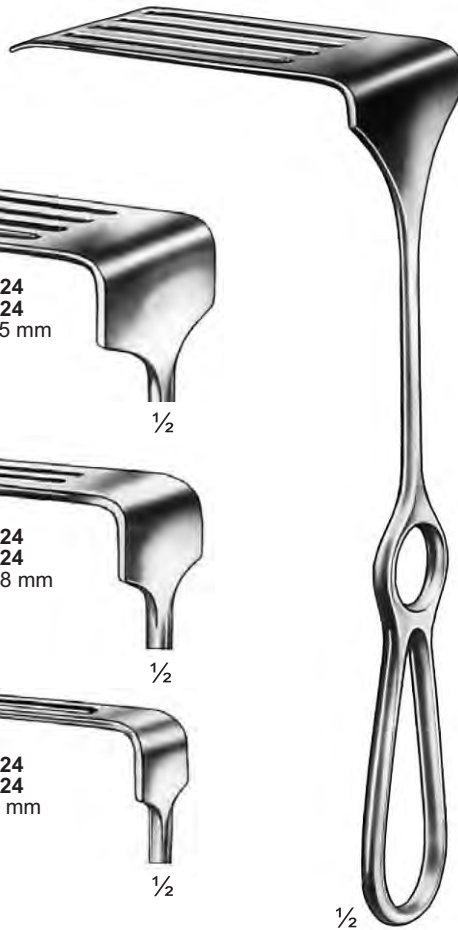
90 X 160 mm

Weinberg  
359-07-24  
24 cm / 9½"



½

Coryllos  
359-04-24 To 359-06-24  
24 cm / 9½"



½

Coryllos  
359-01-24 To 359-03-24  
24 cm / 9½"



½

359-03-24  
359-06-24  
115 X 65 mm



½

359-02-24  
359-05-24  
105 X 48 mm



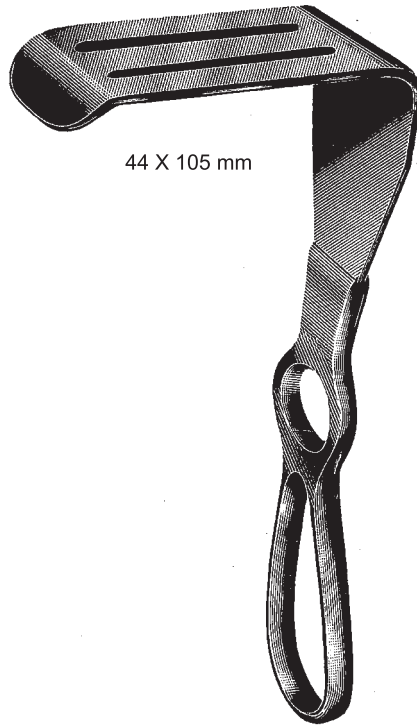
½

359-01-24  
359-04-24  
82 X 22 mm



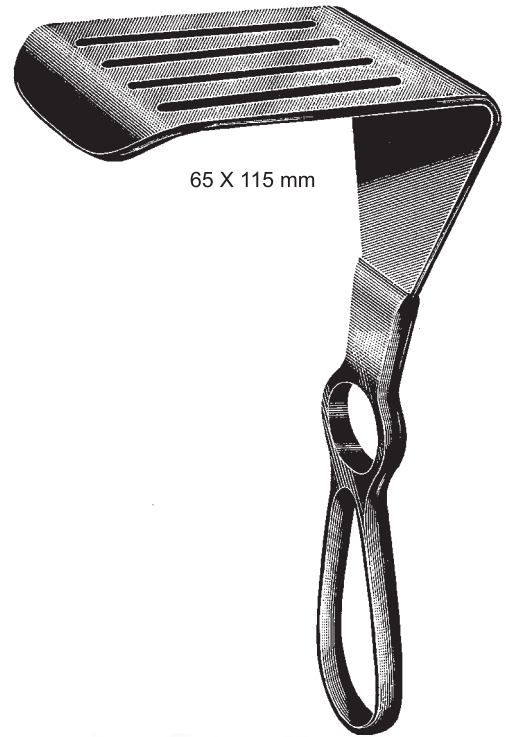
23 X 85 mm

Coryllos  
**360-01-23**  
23 cm / 9"



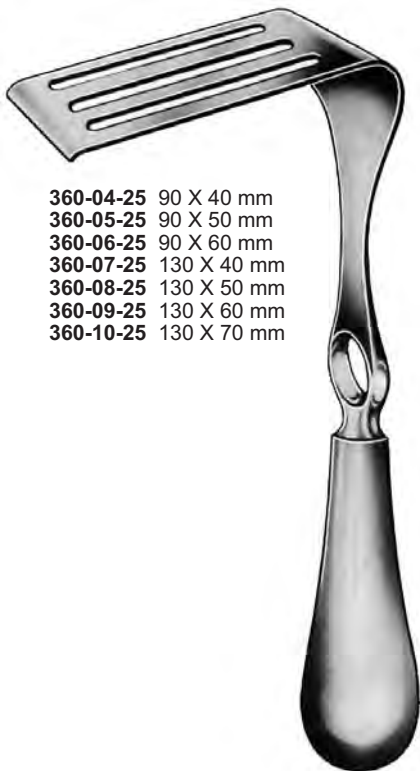
44 X 105 mm

Coryllos  
**360-02-23**  
23 cm / 9"



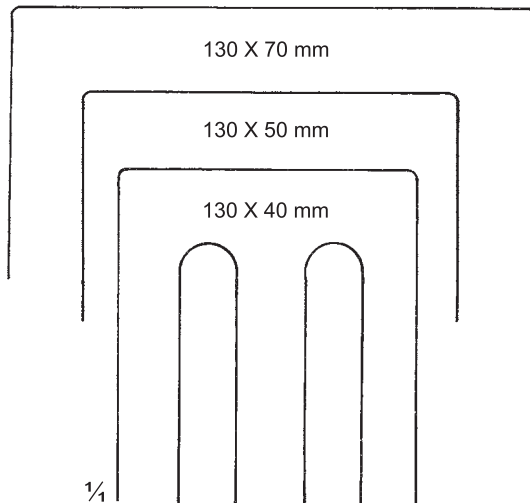
65 X 115 mm

Coryllos  
**360-03-23**  
23 cm / 9"



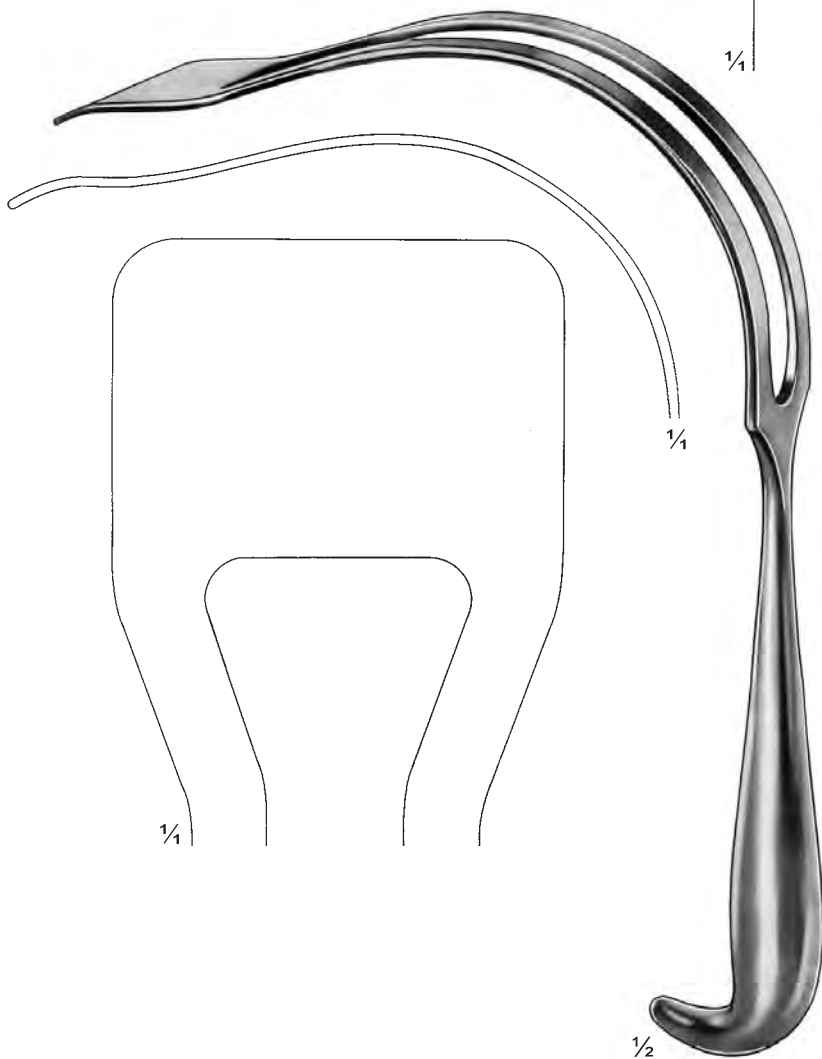
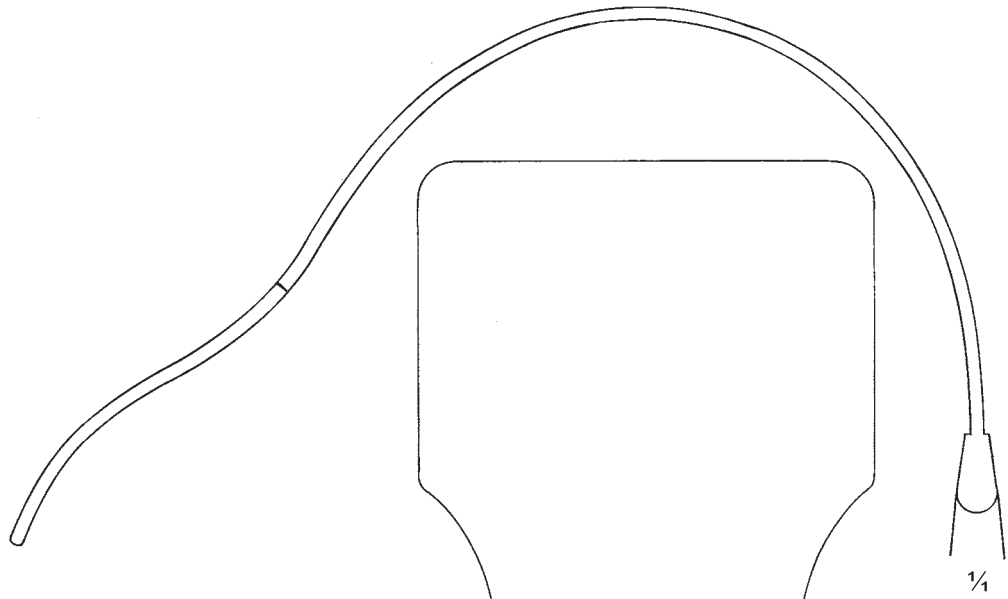
- 360-04-25** 90 X 40 mm
- 360-05-25** 90 X 50 mm
- 360-06-25** 90 X 60 mm
- 360-07-25** 130 X 40 mm
- 360-08-25** 130 X 50 mm
- 360-09-25** 130 X 60 mm
- 360-10-25** 130 X 70 mm

Rehn  
**360-04-25 To 360-10-25**  
25 cm / 10"



- 360-11-33** 90 X 40 mm
- 360-12-33** 90 X 50 mm
- 360-13-33** 90 X 60 mm
- 360-14-33** 130 X 40 mm
- 360-15-33** 130 X 50 mm
- 360-16-33** 130 X 60 mm
- 360-17-33** 130 X 70 mm

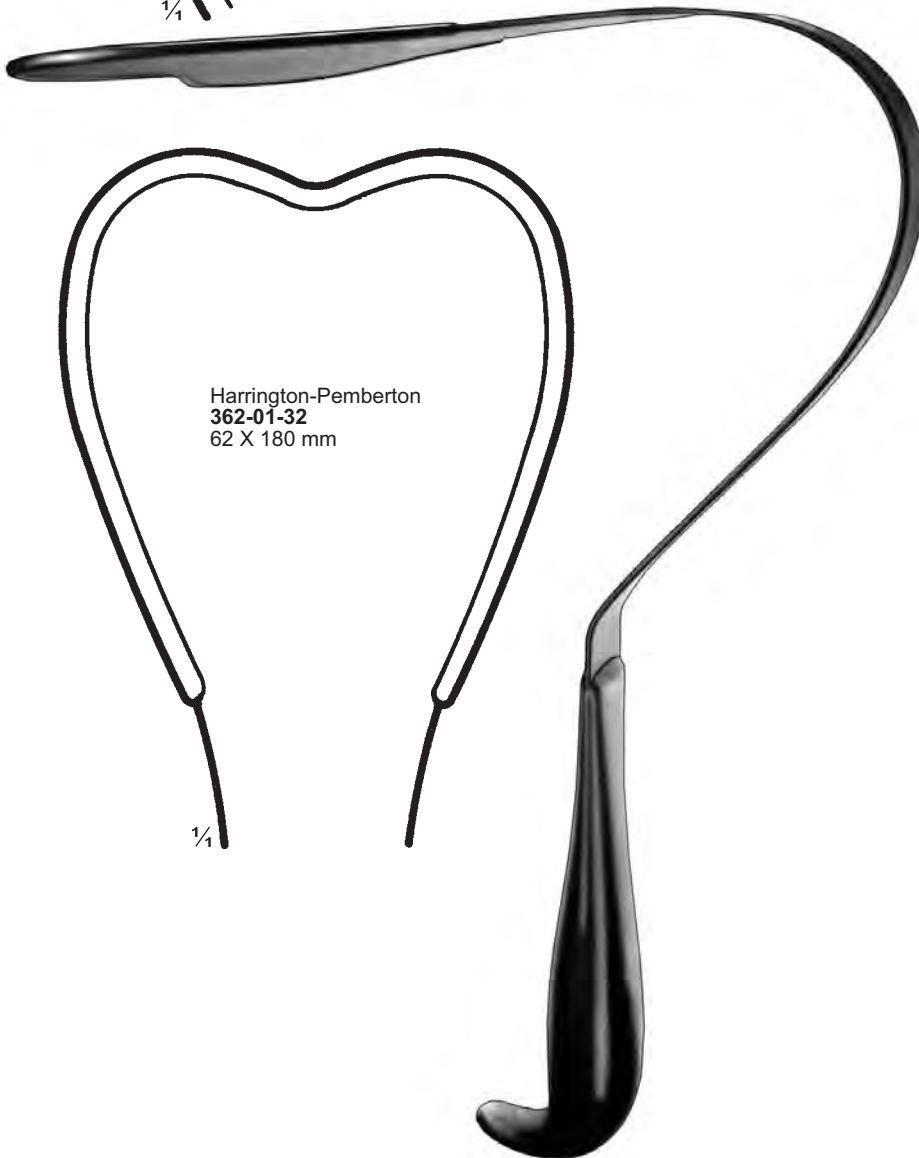
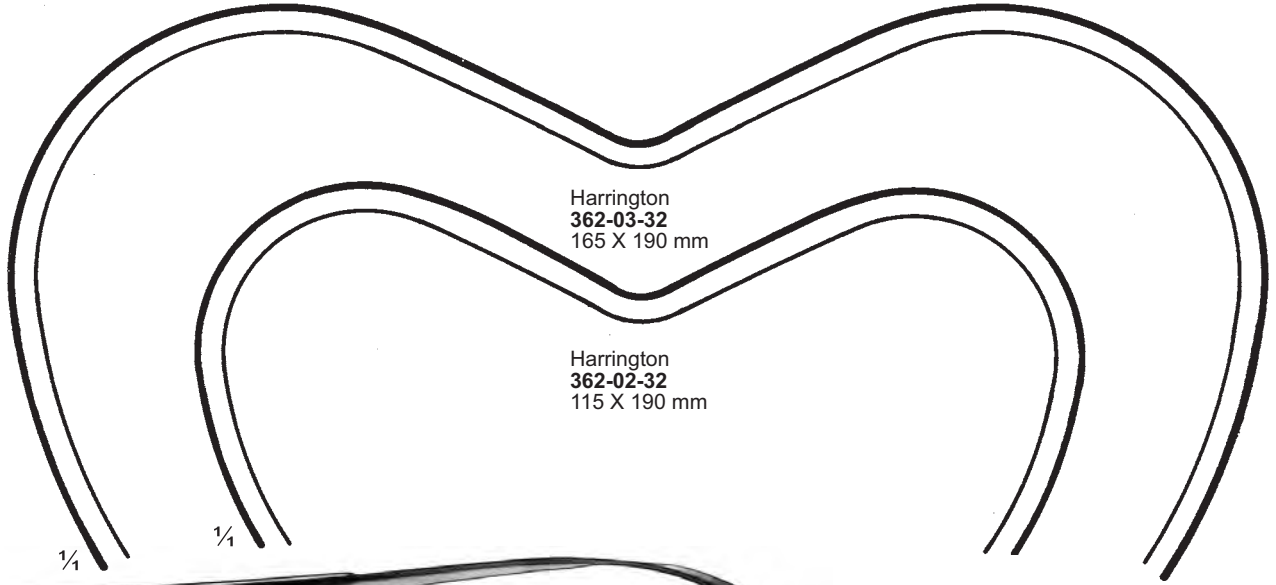
Rehn  
**360-11-33 To 360-17-33**  
33 cm / 13 1/4"



Polloson  
361-01-27  
27.5 cm / 10<sup>3</sup>/<sub>4</sub>"

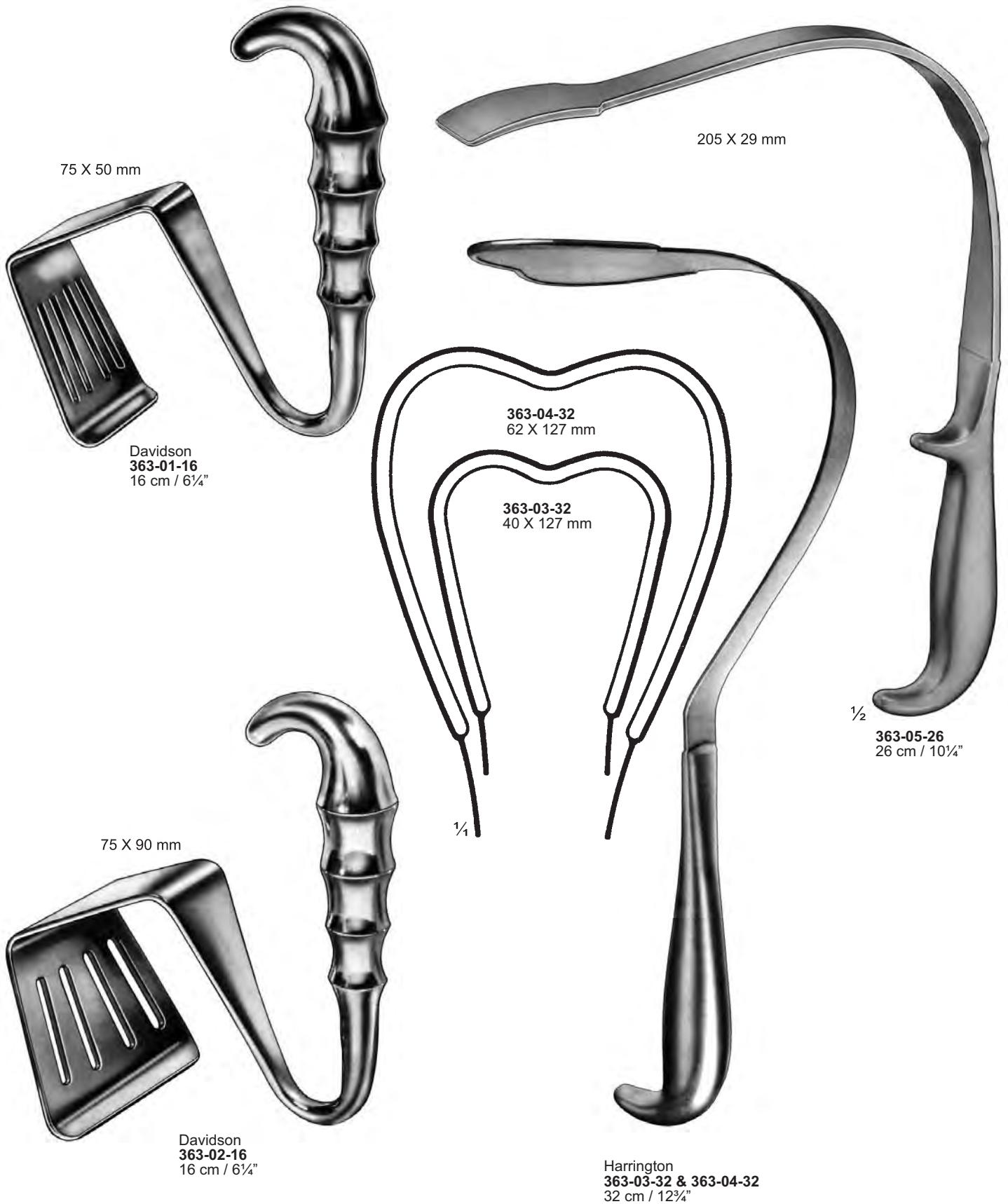


Polloson  
361-02-27  
27.5 cm / 10<sup>3</sup>/<sub>4</sub>"



**362-01-32 To 362-03-32**  
32 cm / 12 3/4"

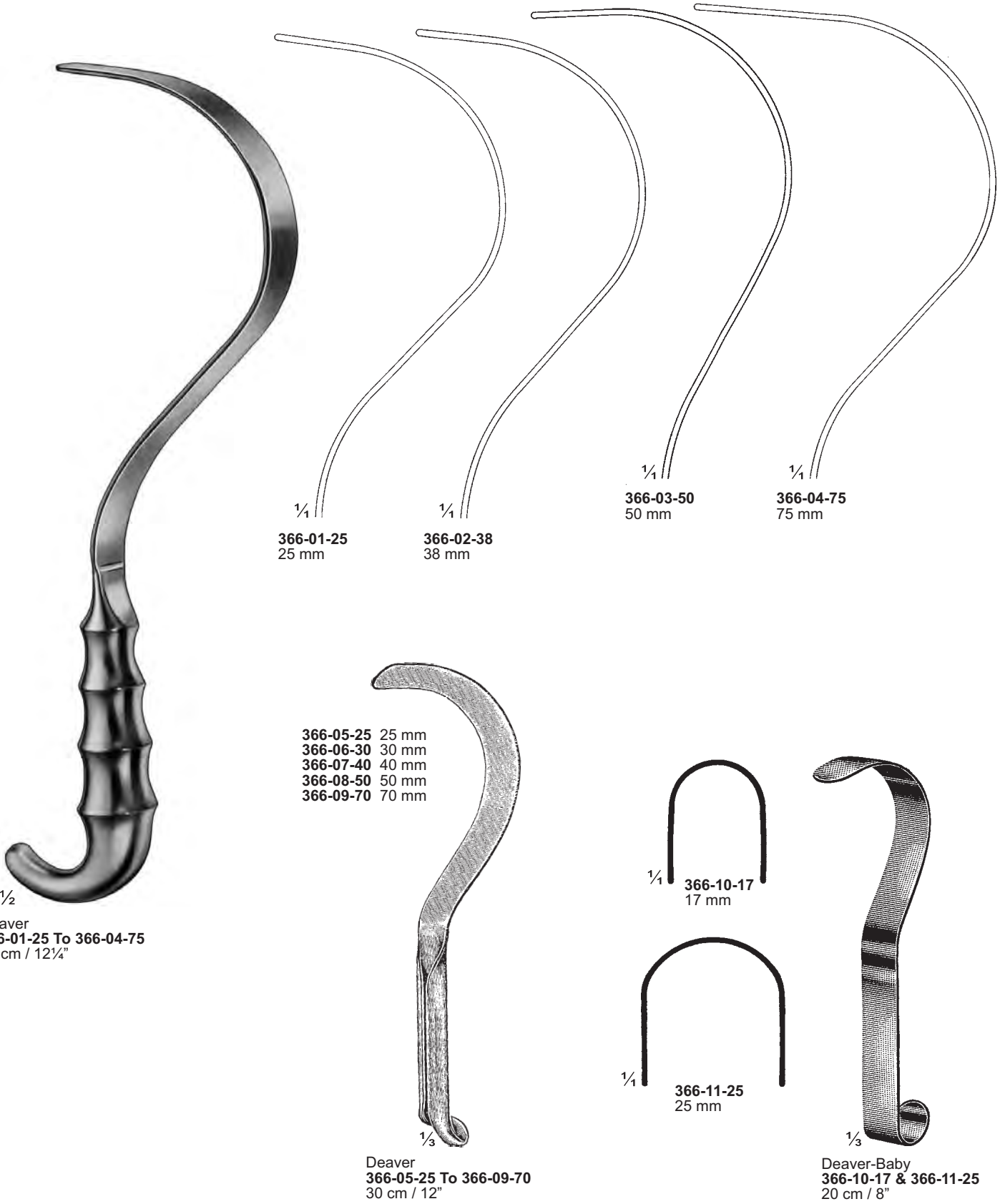
**Harrington-Baby  
362-04-25**  
25 cm / 10"

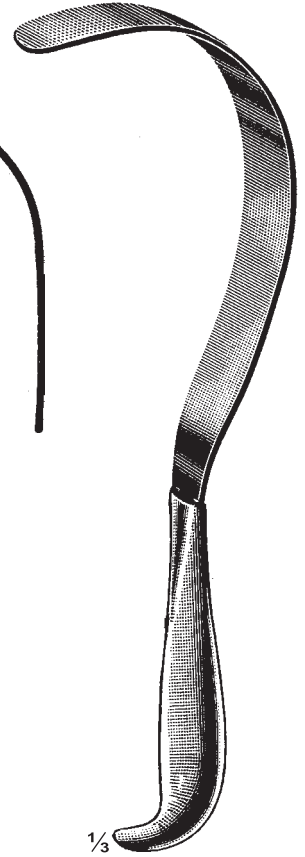
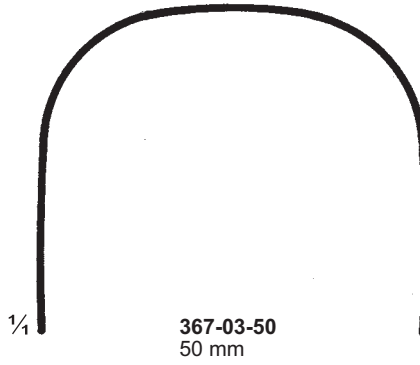
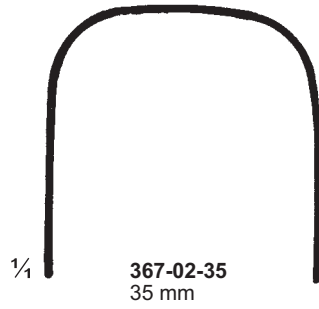
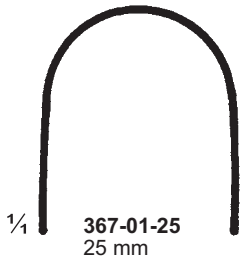












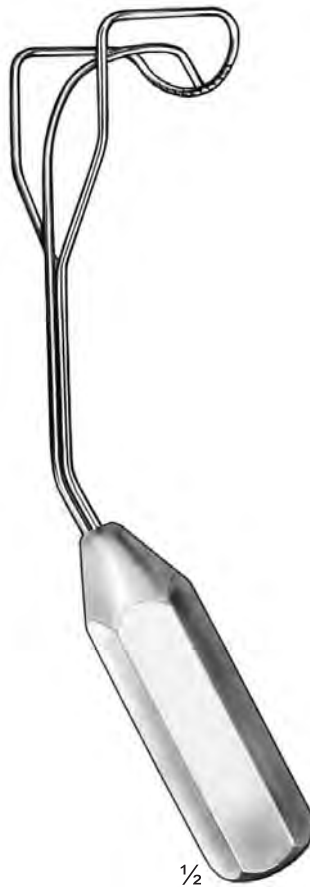
Deaver  
**367-01-25 To 367-03-50**  
32 cm / 12 $\frac{3}{4}$ "

Right  
45 mm, 1 $\frac{3}{4}$ "  
48 mm, 1 $\frac{7}{8}$ "



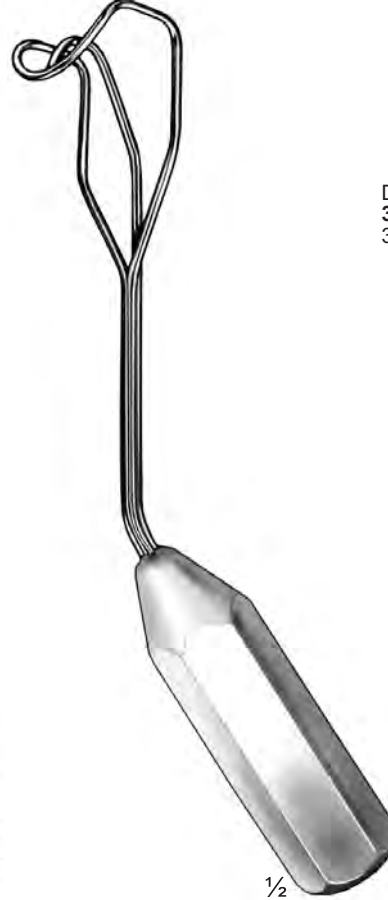
Cooley  
**367-04-21**  
21.5 cm / 8 $\frac{1}{2}$ "  
Atrium

Right, serrated  
45 mm, 1 $\frac{3}{4}$ "  
48 mm, 1 $\frac{7}{8}$ "

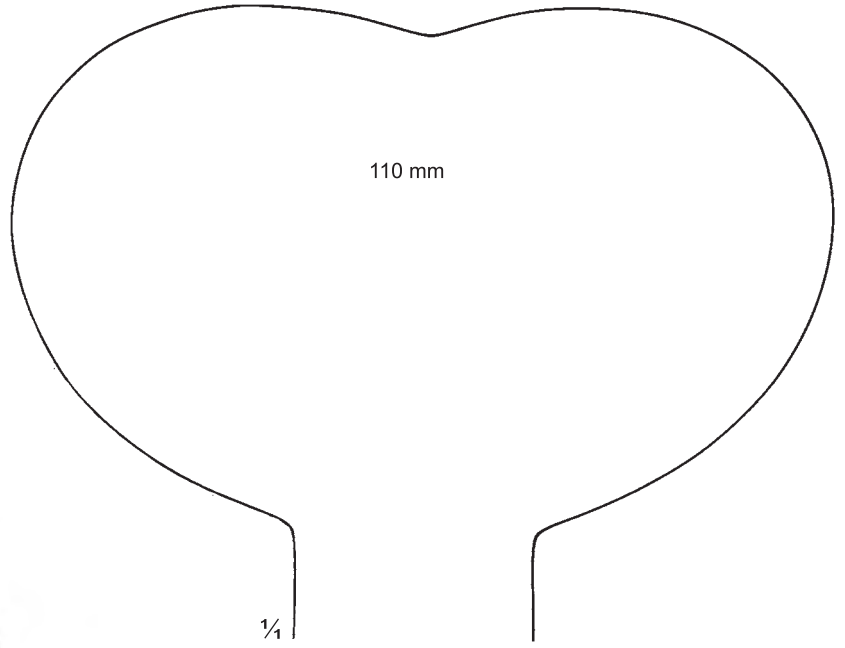


Cooley  
**367-05-21**  
21.5 cm / 8 $\frac{1}{2}$ "  
Atrium

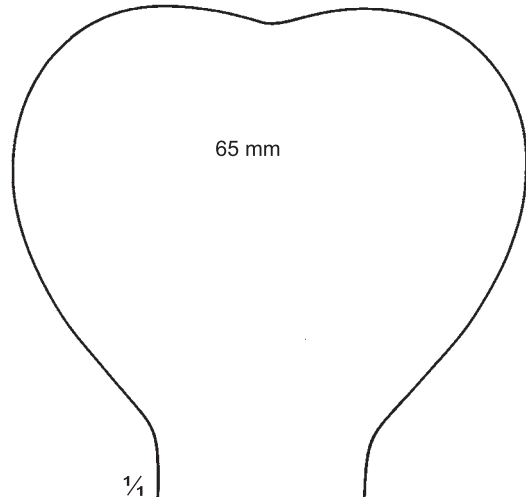
Left  
24 mm, 1"  
48 mm, 1 $\frac{7}{8}$ "



Cooley  
**367-06-23**  
23 cm / 9"  
Atrium

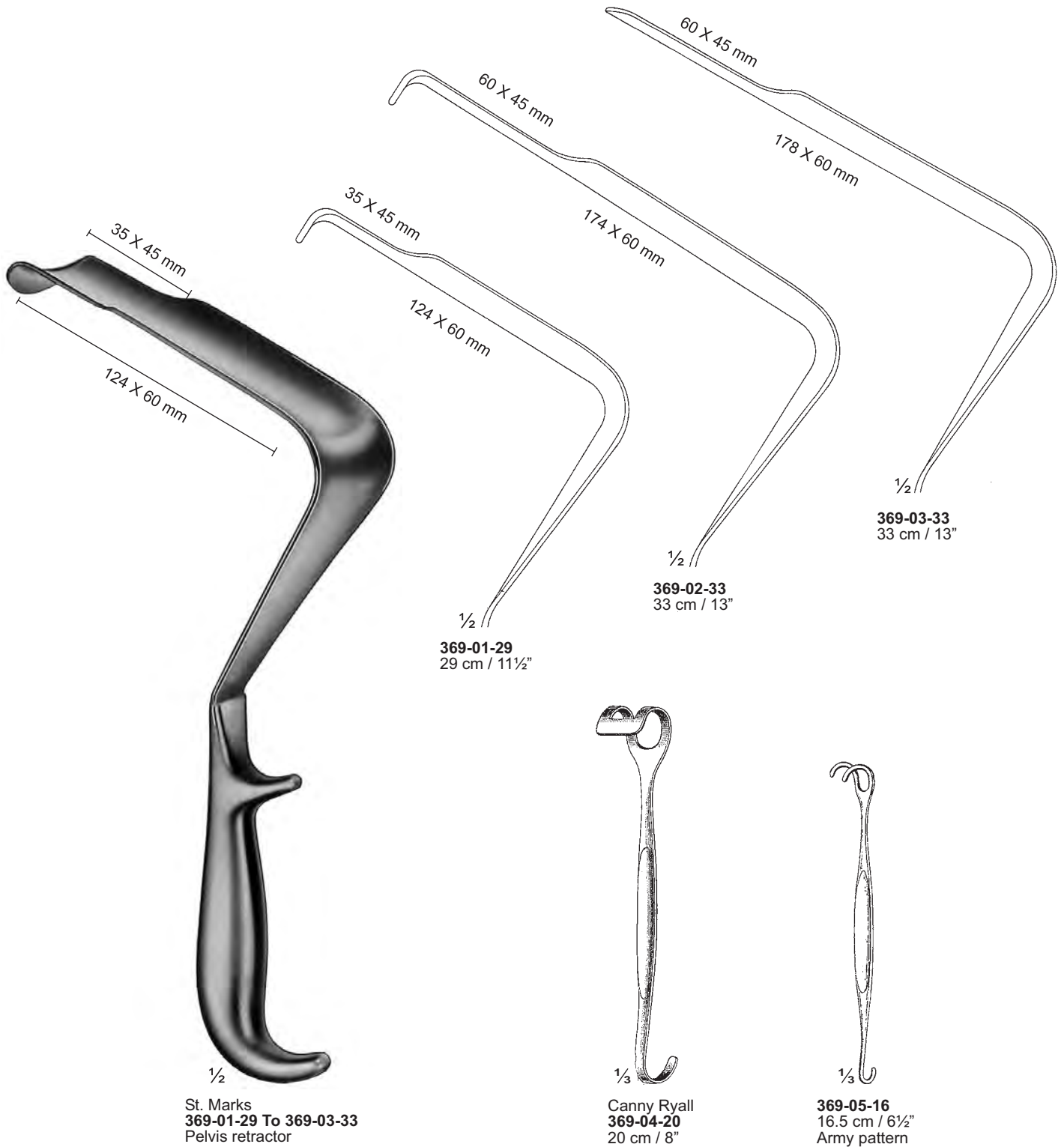


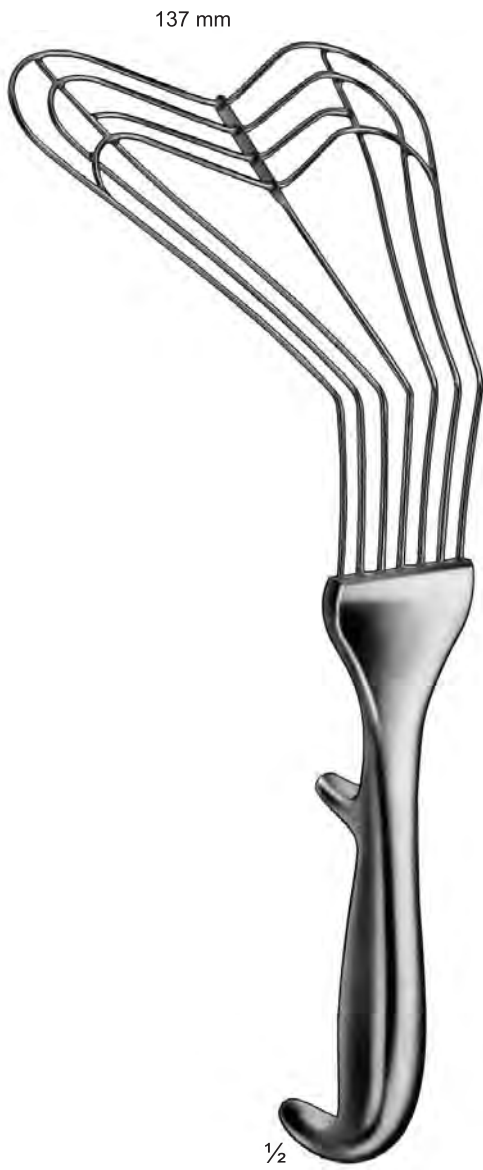
**368-02-40**  
40 cm / 16"  
Malleable,  
cooper silver-plated



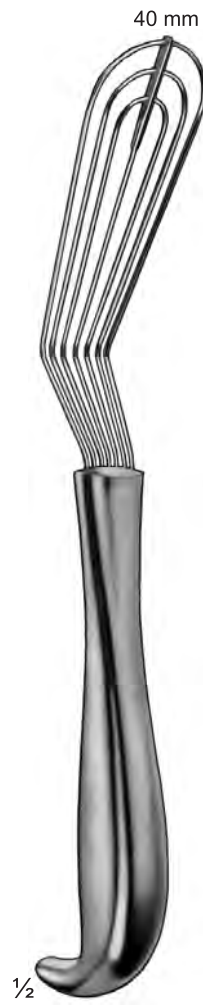
**368-01-37**  
37.5 cm / 15"  
Malleable,  
cooper silver-plated

Holmann  
**368-01-37 & 368-02-40**





**370-01-30**  
30 cm / 12"

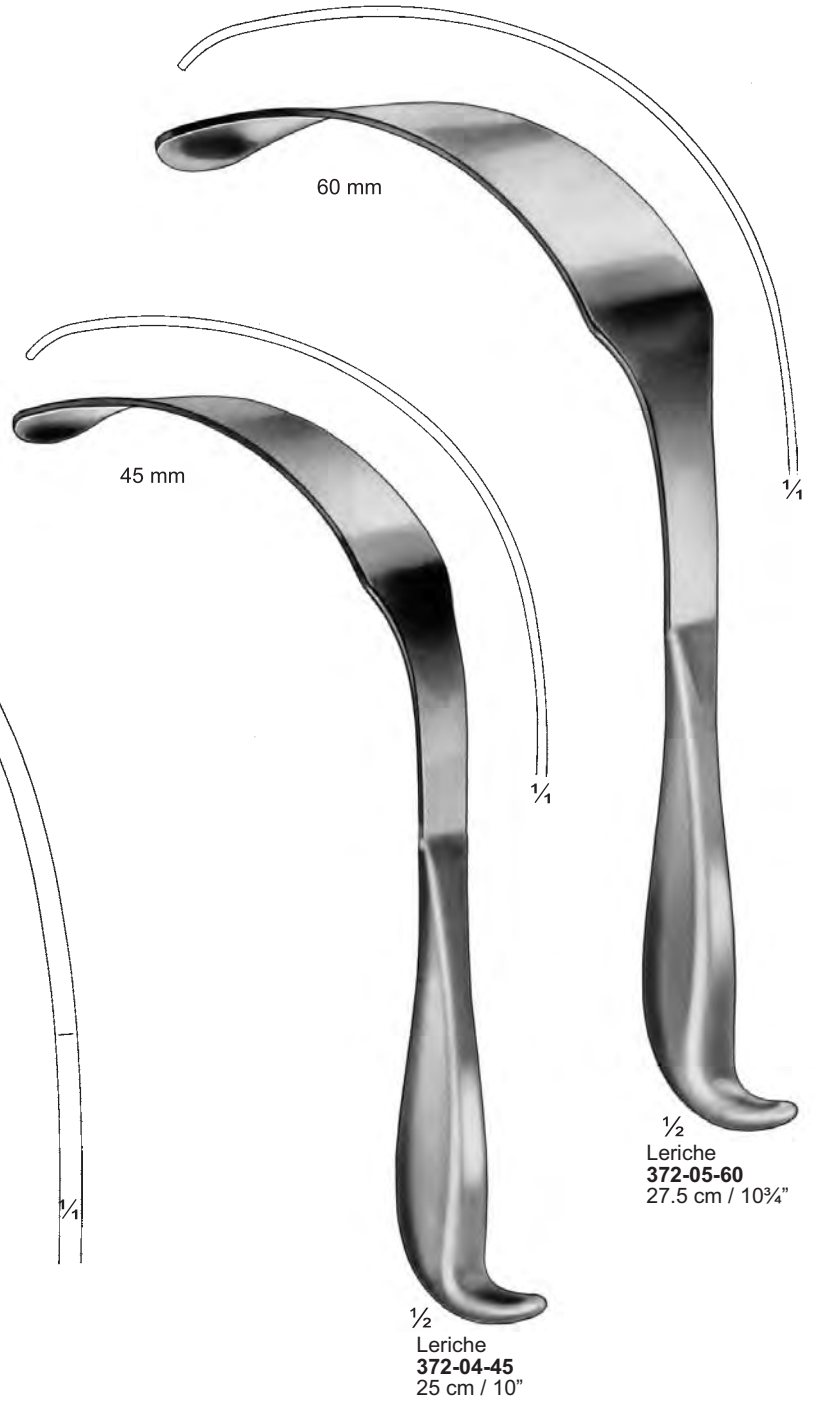
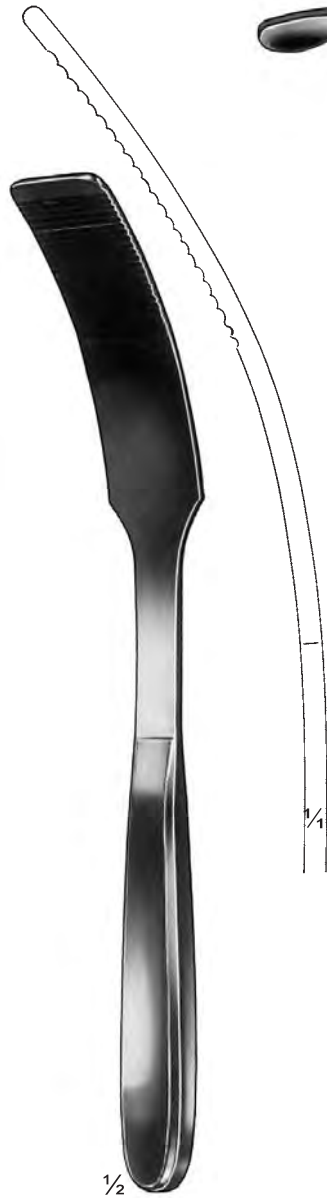
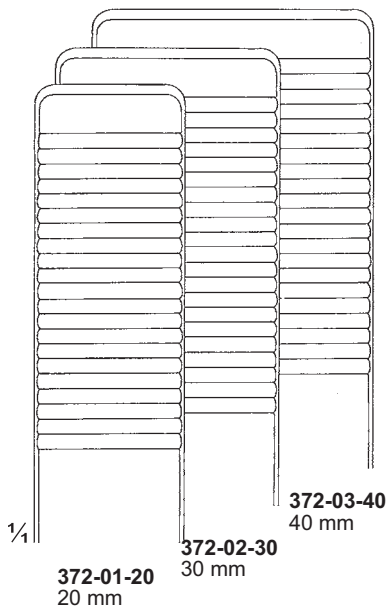


Allison  
**370-02-25**  
25 cm / 10"



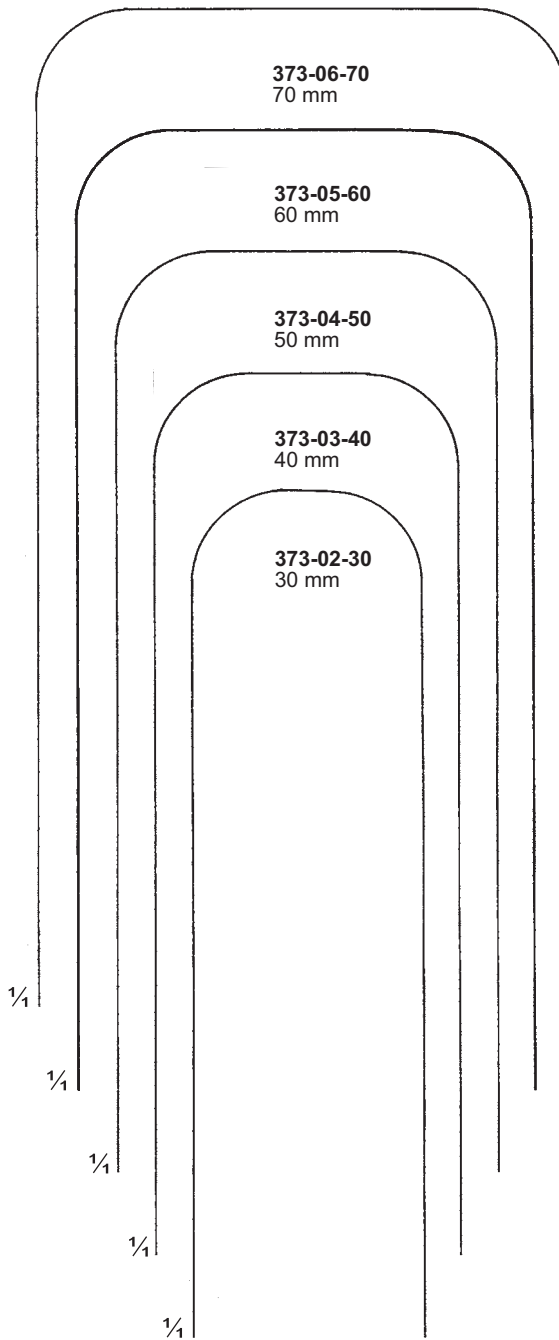
Allison  
**370-03-32**  
32 cm / 12 3/4"





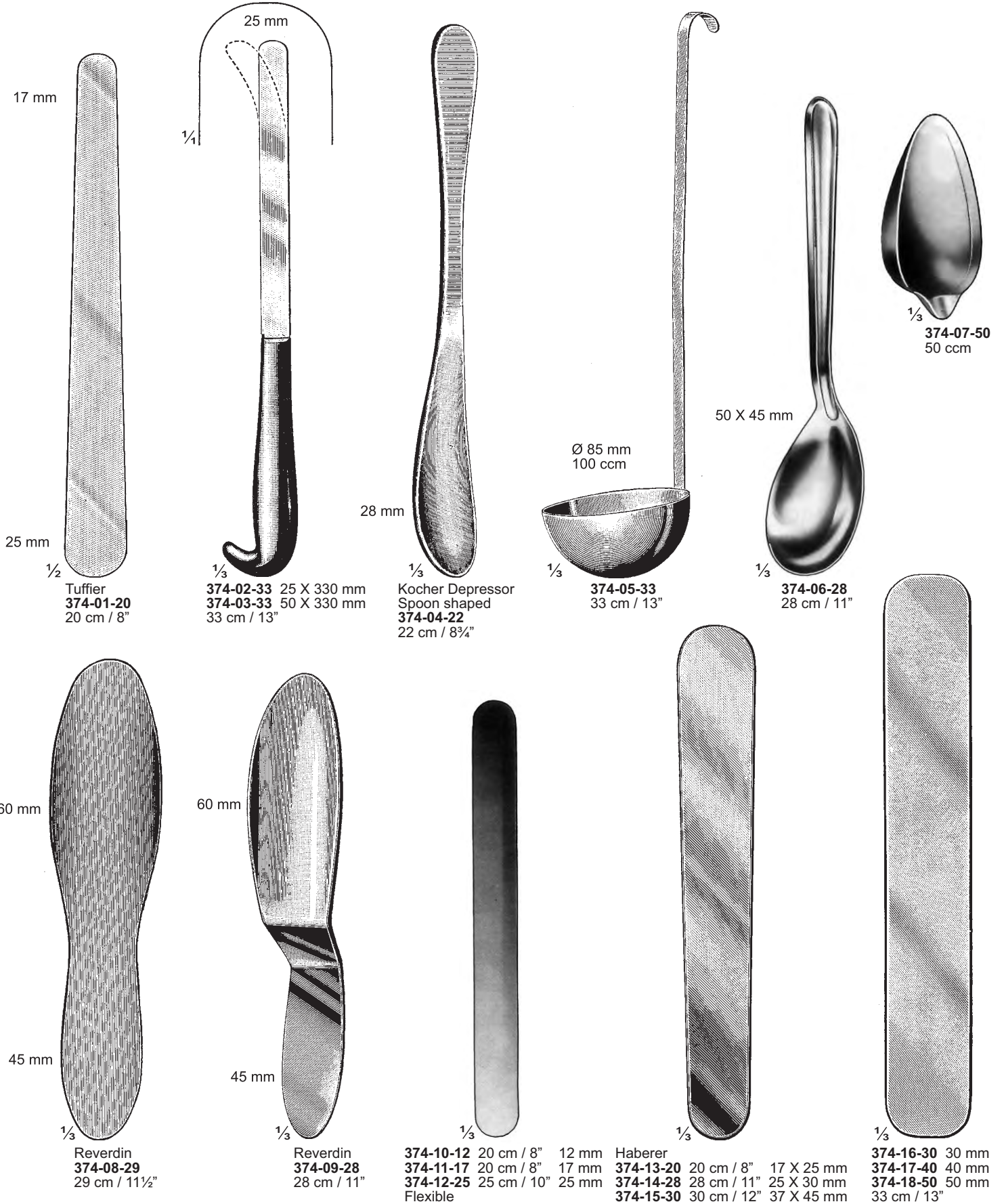


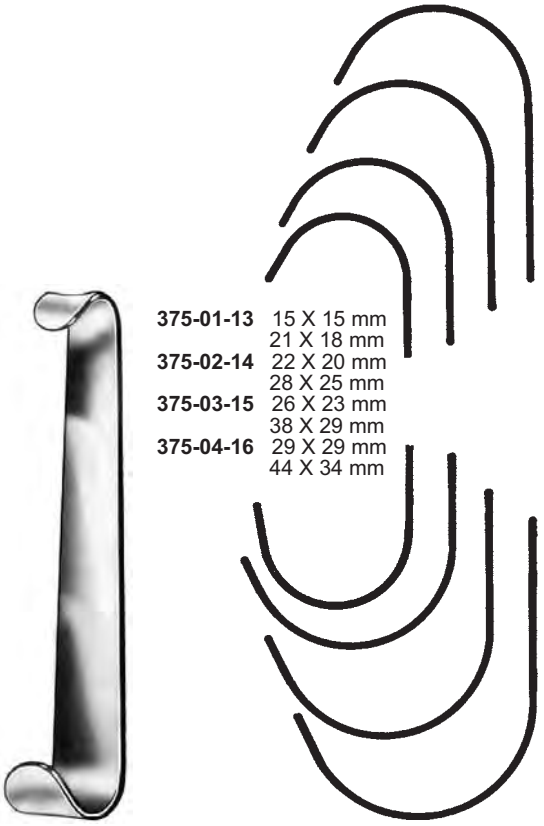
**Mikulicz**  
**373-01-29**  
25 cm / 10"



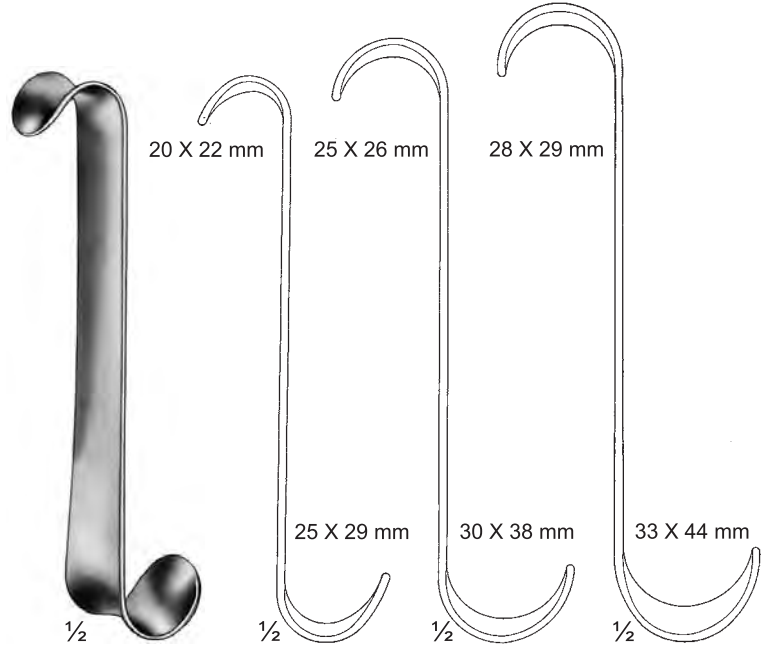
**373-02-30 To 373-06-70**  
40 cm / 16"  
Malleable of cooper







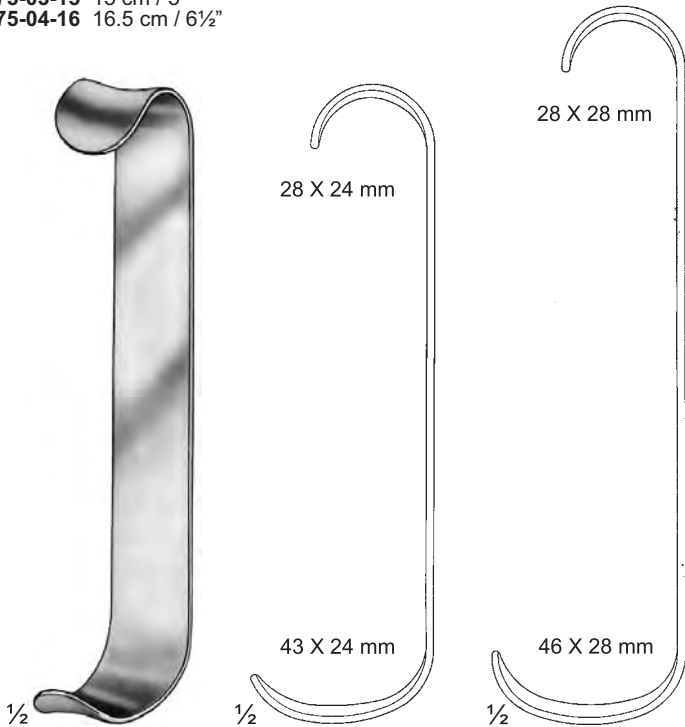
- 375-01-13** 15 X 15 mm  
21 X 18 mm
- 375-02-14** 22 X 20 mm  
28 X 25 mm
- 375-03-15** 26 X 23 mm  
38 X 29 mm
- 375-04-16** 29 X 29 mm  
44 X 34 mm



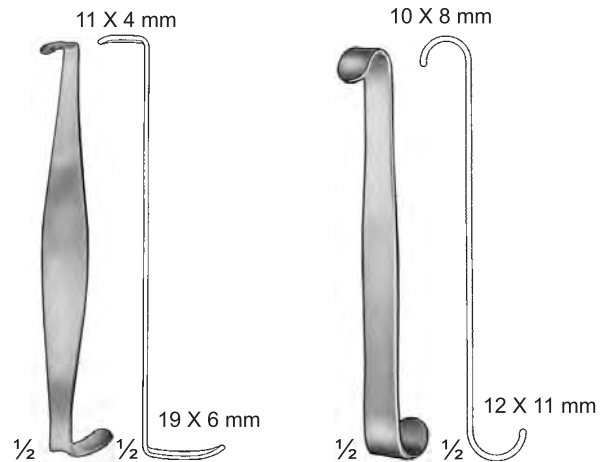
- 20 X 22 mm
- 25 X 26 mm
- 28 X 29 mm
- 25 X 29 mm
- 30 X 38 mm
- 33 X 44 mm

**Baby-Roux**  
**375-01-13** 13 cm / 5<sup>1</sup>/<sub>8</sub>"  
**375-02-14** 14 cm / 5<sup>1</sup>/<sub>2</sub>"  
**375-03-15** 15 cm / 5"  
**375-04-16** 16.5 cm / 6<sup>1</sup>/<sub>2</sub>"

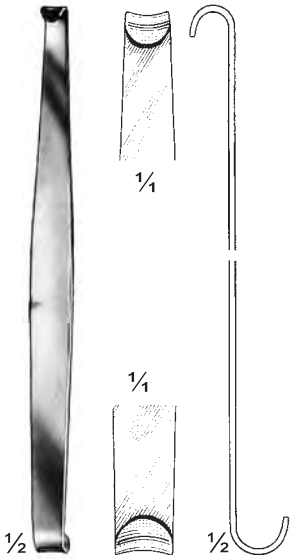
**Roux**  
**375-05-15 To 375-07-17**  
**375-05-15** 15 cm / 6"  
**375-06-16** 16 cm / 6<sup>1</sup>/<sub>4</sub>"  
**375-07-17** 17 cm / 6<sup>3</sup>/<sub>4</sub>"



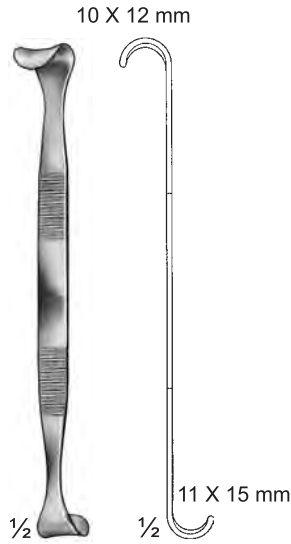
**Roux**  
**375-08-17 & 375-09-19**  
**375-08-17** 17 cm / 6<sup>3</sup>/<sub>4</sub>"  
**375-09-19** 19 cm / 7<sup>1</sup>/<sub>2</sub>"



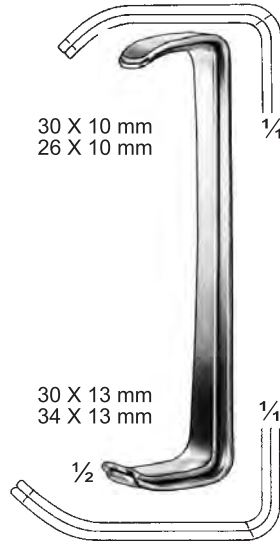
**Crile**  
**375-10-11** 11 cm / 4<sup>1</sup>/<sub>4</sub>"  
**Luer**  
**375-11-11** 11 cm / 4<sup>1</sup>/<sub>4</sub>"



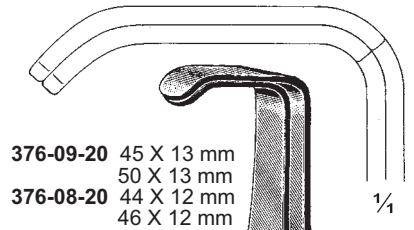
Mini Roux  
**376-01-14**  
14 cm / 5½"



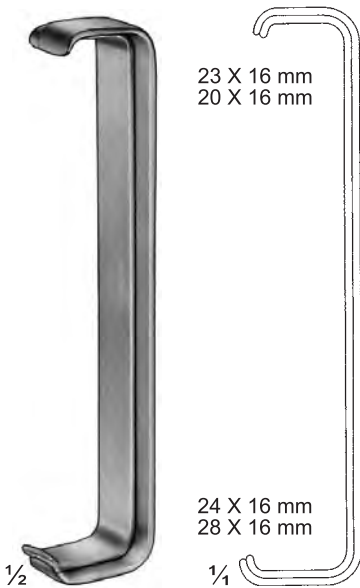
Rose  
**376-02-13**  
13 cm / 5⅛"



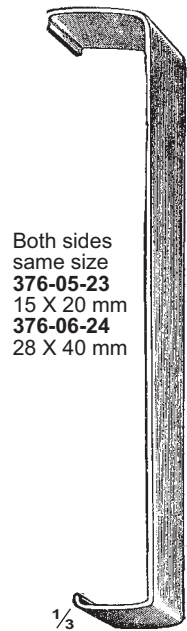
Farabeuf  
**376-03-02** Set of 2  
12 cm / 4¾"



**376-09-20** 45 X 13 mm  
50 X 13 mm  
**376-08-20** 44 X 12 mm  
46 X 12 mm

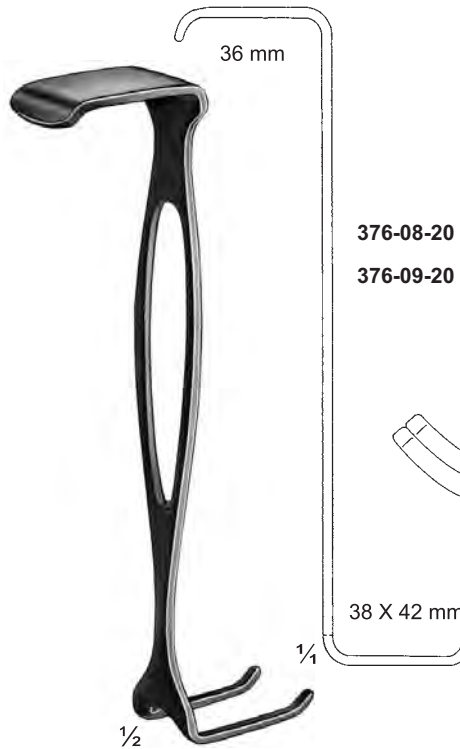


Farabeuf  
**376-04-02** Set of 2  
15 cm / 6"

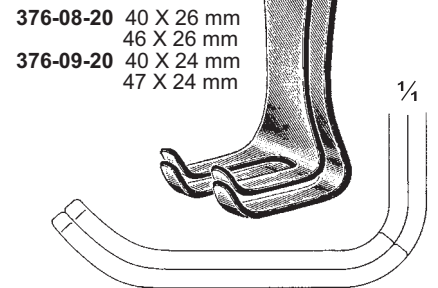


Both sides  
same size  
**376-05-23**  
15 X 20 mm  
**376-06-24**  
28 X 40 mm

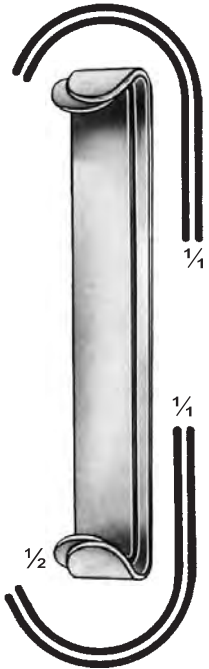
Lane  
**376-05-23** 23 cm / 9"  
**376-06-24** 24 cm / 9½"



Czerny  
**376-07-18**  
18 cm / 7"



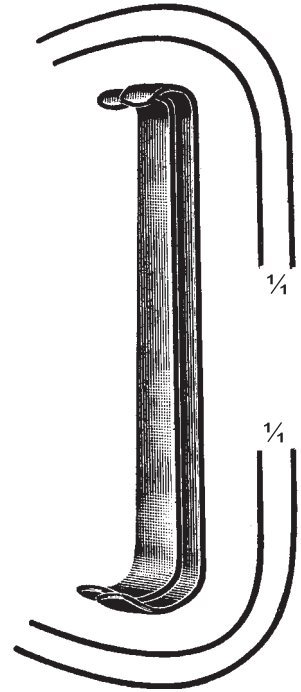
Mathieu  
**376-08-20** Set of 2  
**376-09-20** Set of 2  
20 cm / 8"



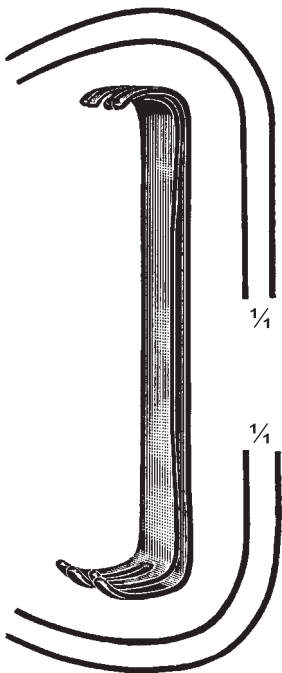
Parker  
**377-01-13** Set of 2  
13 cm / 5 1/8"



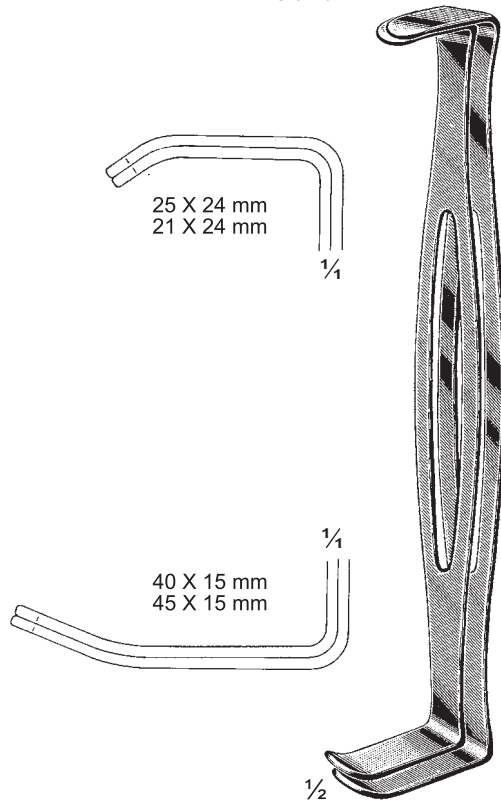
Parker  
**377-02-18** Set of 2  
18 cm / 7"



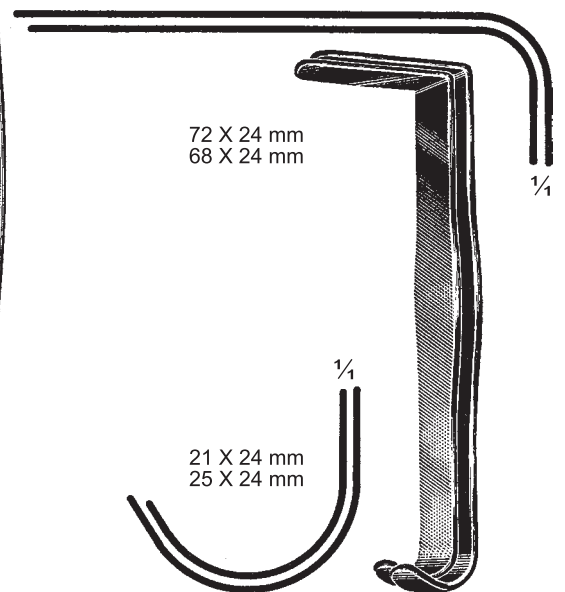
Collin  
**377-03-16** Set of 2  
16.5 cm / 6 1/2"



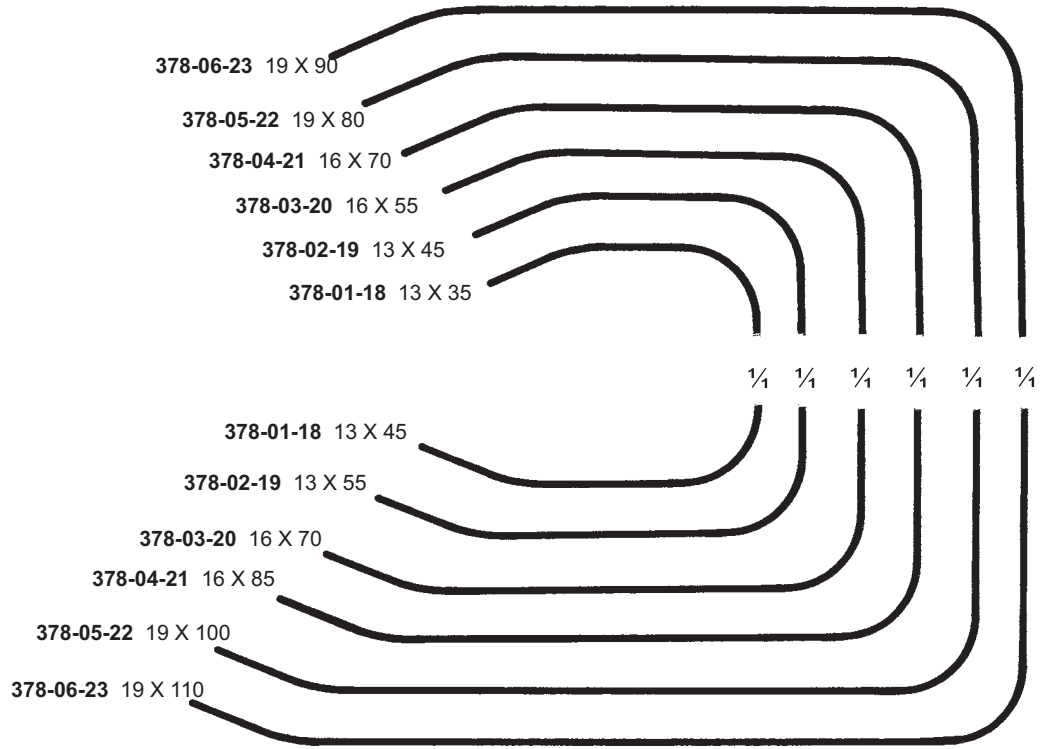
Mayo-Collin  
**377-04-15** Set of 2  
15 cm / 6"



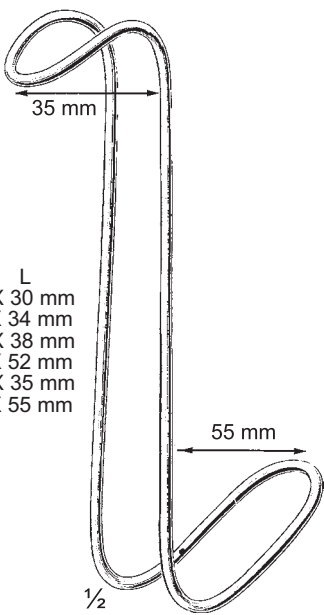
Parker-Langenbeck  
**377-05-21** Set of 2  
21 cm / 8 1/4"



Parker-Mott  
**377-06-16** Set of 2  
16.5 cm / 6 1/2"

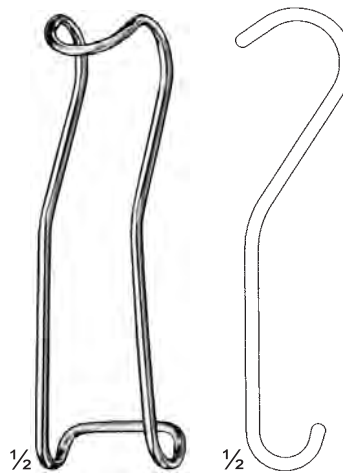


- Sofield
- 378-01-18** 18 cm / 7"
  - 378-02-19** 19 cm / 7½"
  - 378-03-20** 20 cm / 8"
  - 378-04-21** 21 cm / 8¼"
  - 378-05-22** 22 cm / 8¾"
  - 378-06-23** 23 cm / 9"



- |                  | W          | L |
|------------------|------------|---|
| <b>378-07-14</b> | 21 X 30 mm |   |
|                  | 26 X 34 mm |   |
| <b>378-08-16</b> | 30 X 38 mm |   |
|                  | 33 X 52 mm |   |
| <b>378-09-16</b> | 25 X 35 mm |   |
|                  | 38 X 55 mm |   |

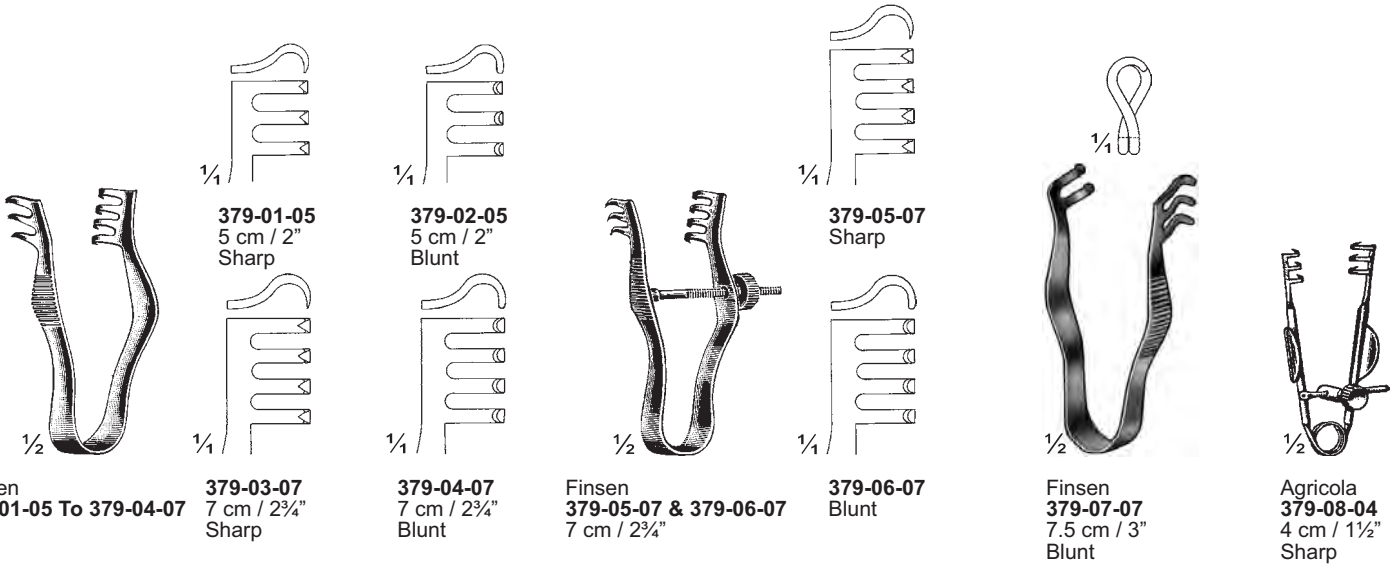
- Collin-Hartmann
- 378-07-14** 14 cm / 5½"
  - 378-08-16** 16 cm / 6¼"
  - 378-09-16** 16 cm / 6¼"



- Sternberg
- 378-10-12** 12 cm / 4¾"
  - 378-11-13** 13 cm / 5⅛"
  - 378-12-13** 13.5 cm / 5¼"



- Sofield
- 378-13-06**  
Set of 6 (378-01 To 378-06)

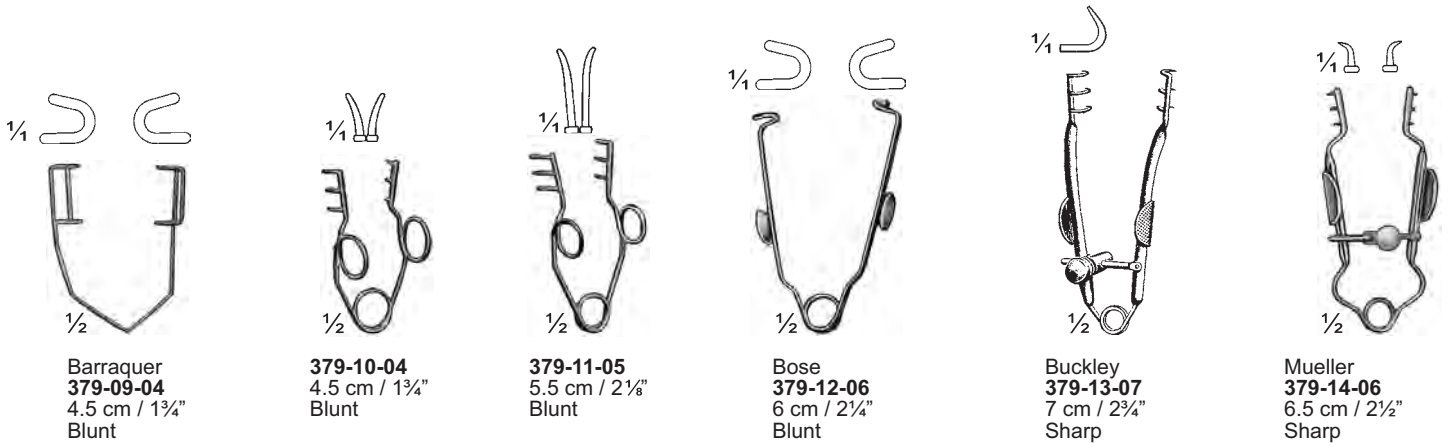


Finsen  
379-01-05 To 379-04-07

Finsen  
379-05-07 & 379-06-07

Finsen  
379-07-07

Agricola  
379-08-04



Barraquer  
379-09-04

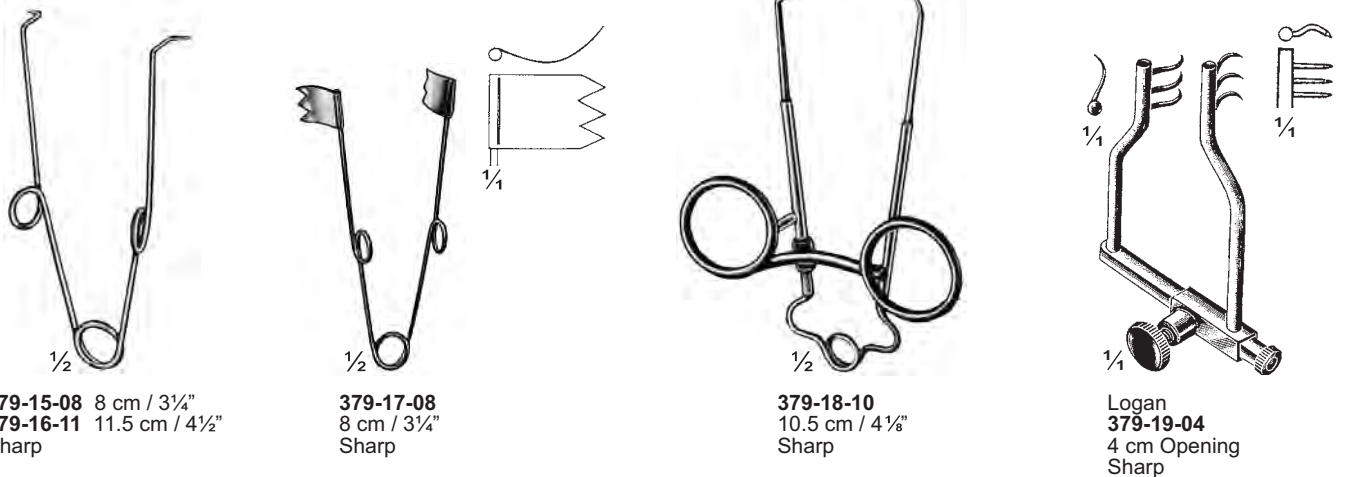
379-10-04

379-11-05

Bose  
379-12-06

Buckley  
379-13-07

Mueller  
379-14-06

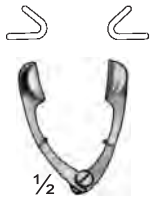


379-15-08 8 cm / 3¼"  
379-16-11 11.5 cm / 4½"  
Sharp

379-17-08  
8 cm / 3¼"  
Sharp

379-18-10  
10.5 cm / 4⅛"  
Sharp

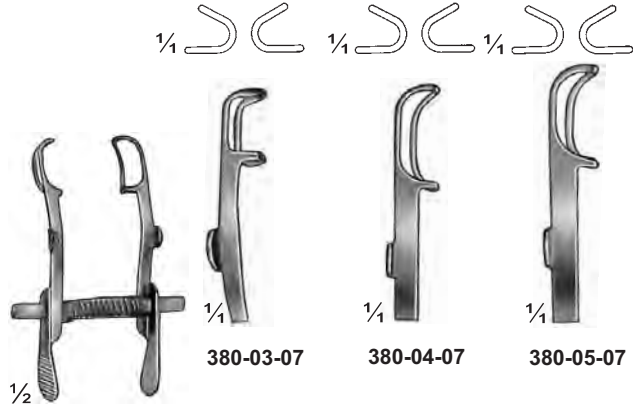
Logan  
379-19-04  
4 cm Opening  
Sharp



Sauer  
380-01-03  
3.5 cm / 1 1/8"



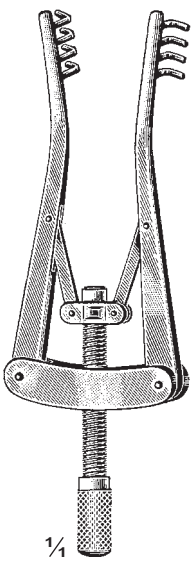
Lancaster  
380-02-08  
8 cm / 3 1/4"



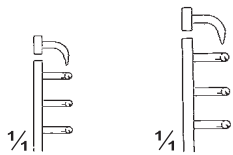
Mellinger  
380-03-07 To 380-05-07  
7 cm / 2 3/4"



Allport  
380-06-09  
9.5 cm / 3 3/4"

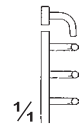


Alm  
380-07-07 To 380-11-10

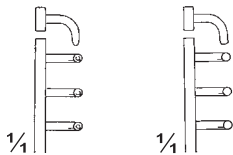


380-07-07  
7 cm / 2 3/4"  
Sharp

380-08-10  
10 cm / 4"  
Sharp



380-09-07  
7 cm / 2 3/4"  
Blunt



380-10-10  
10 cm / 4"  
Semi sharp

380-11-10  
10 cm / 4"  
Blunt

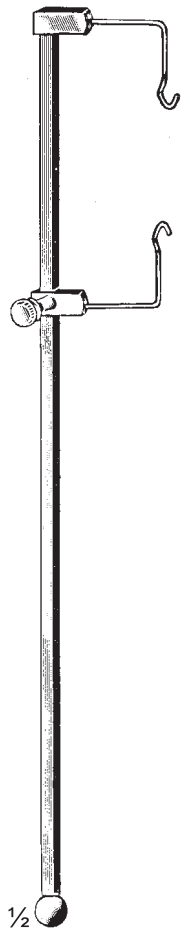


380-12-10  
Sharp

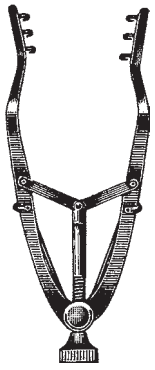


380-13-10  
Blunt

380-12-10 & 380-13-10  
10 cm / 4"



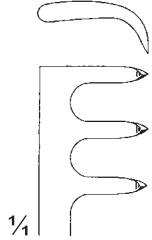
Kuttner  
380-14-24  
24 cm / 9 1/2"  
Wound stretcher



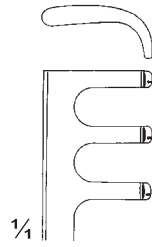
Stevenson  
381-01-07  
7.5 cm / 3"  
Sharp



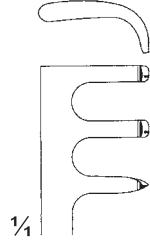
Jansen  
381-02-10 To 381-04-10  
10 cm / 4"



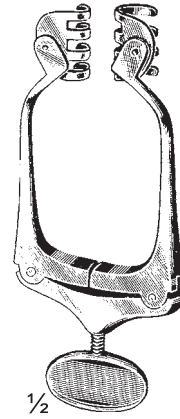
1/1  
381-02-10  
Sharp



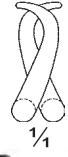
381-04-10  
Blunt



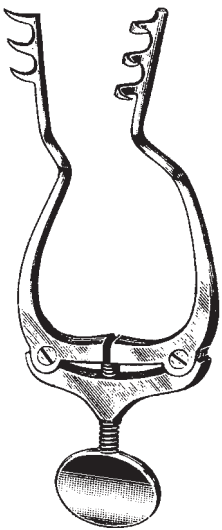
1/1  
381-03-10  
1 Sharp and  
2 blunt prongs



Wagner-Jansen  
381-05-11  
11 cm / 4 1/4"



Jansen  
381-06-10  
10 cm / 4"



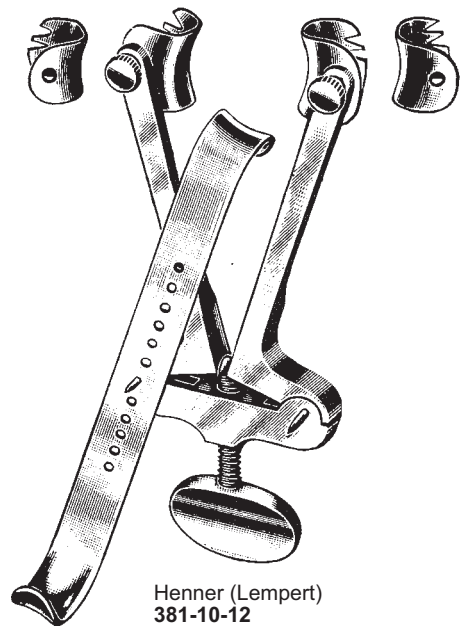
Gifford-Jansen  
381-07-10  
10 cm / 4"  
Sharp



381-08-11  
11 cm / 4 1/4"



Shambaugh  
381-09-11  
11 cm / 4 1/4"

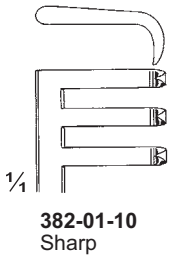


Henner (Lempert)  
381-10-12  
12 cm / 4 3/4"

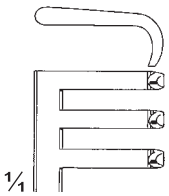




Weitlaner-Loktite  
**382-01-10 & 382-02-10**  
10.5 cm / 4 1/8"  
2 X 3 Prongs



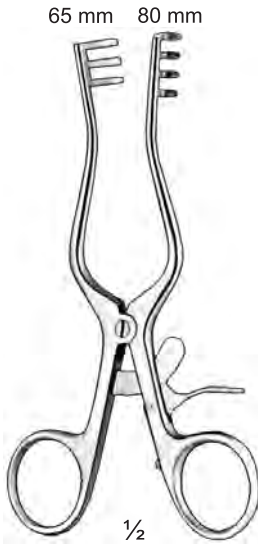
**382-01-10**  
Sharp



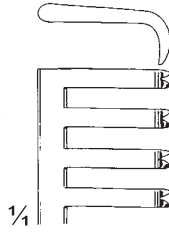
**382-02-10**  
Blunt

Weitlaner-Loktite  
**11.5cm**  
2X3 Prongs

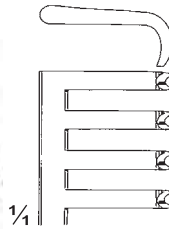
**382-02-115**  
Blunt



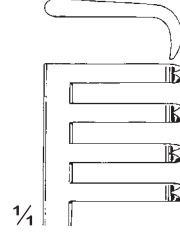
**382-03-13 To 382-06-16**  
3 X 4 Prongs



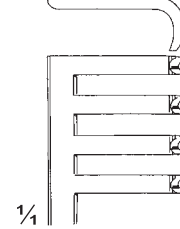
**382-03-13**  
13 cm / 5 1/8"  
Sharp



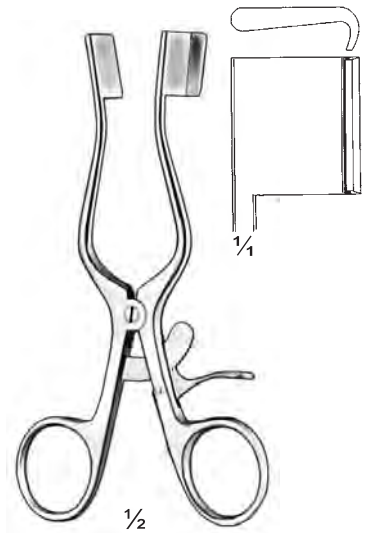
**382-05-13**  
13 cm / 5 1/8"  
Blunt



**382-04-16**  
16.5 cm / 6 1/2"  
Sharp



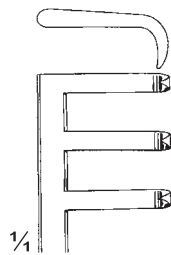
**382-06-16**  
16.5 cm / 6 1/2"  
Blunt



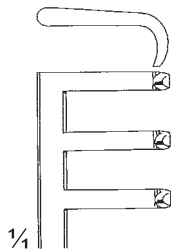
Weitlaner-Baby  
**382-07-13**  
13 cm / 5 1/8"



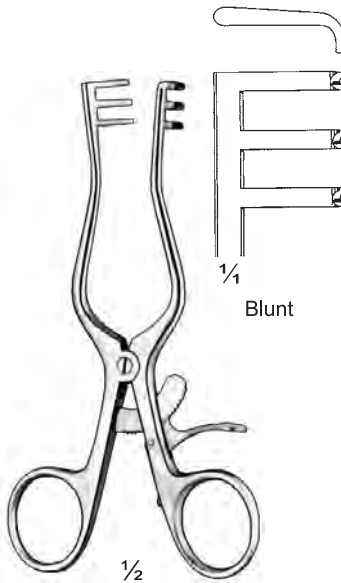
Weitlaner-Wullstein  
**382-08-13 & 382-09-13**  
13 cm / 5 1/8"  
3 X 3 Prongs



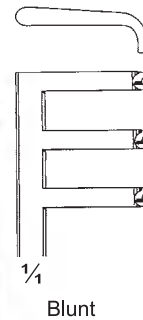
**382-08-13**  
Sharp



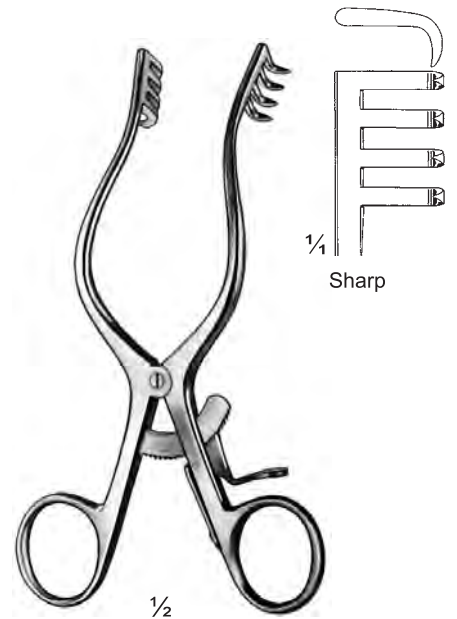
**382-09-13**  
Blunt



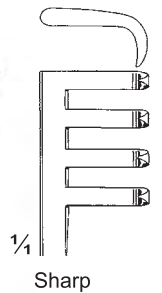
Milligan  
**382-10-13**  
13 cm / 5 1/8"  
3 X 3 Prongs



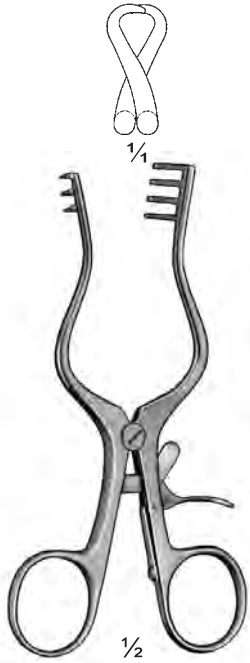
Blunt



Mollison  
**382-11-15**  
15 cm / 6"  
4 X 4 Prongs



Sharp



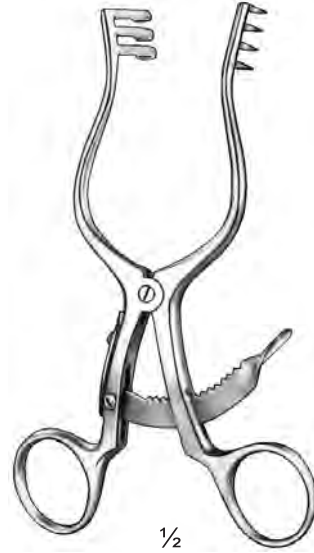
Weitlaner  
**383-01-13** 13 cm / 5 1/8"  
**383-02-16** 16.5 cm / 6 1/2"  
3 X 4 Prongs  
Semi sharp



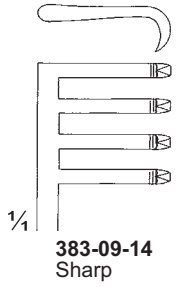
Weitlaner-Original  
**383-03-10** Sharp  
**383-04-10** Blunt  
10.5 cm / 4 1/8"  
2 X 3 Prongs



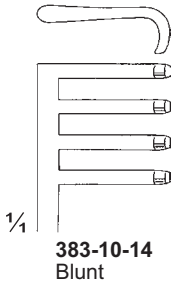
Weitlaner-Original  
**383-05-13** 13 cm / 5 1/8" Sharp  
**383-06-13** 13 cm / 5 1/8" Blunt  
**383-07-16** 16.5 cm / 6 1/2" Sharp  
**383-08-16** 16.5 cm / 6 1/2" Blunt  
3 X 4 Prongs



Scalp Contour  
**383-09-14 & 383-10-14**  
14 cm / 5 1/2"  
3 X 4 Prongs



**383-09-14**  
Sharp



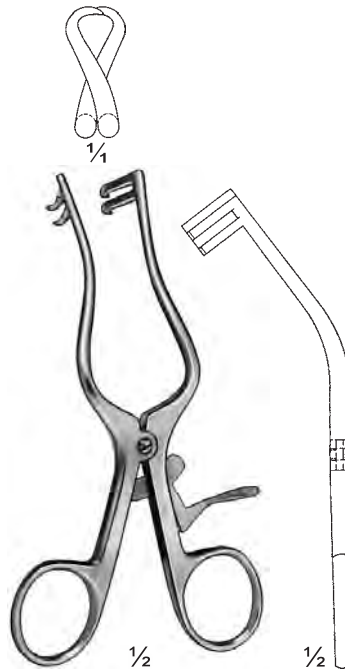
**383-10-14**  
Blunt



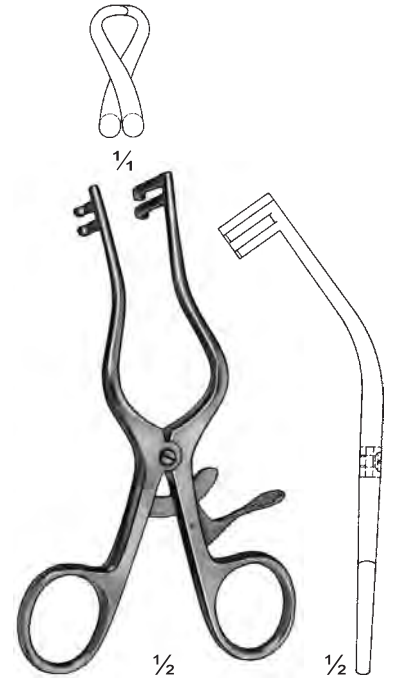
Plester  
**383-11-11**  
11 cm / 4 1/4"  
Blunt



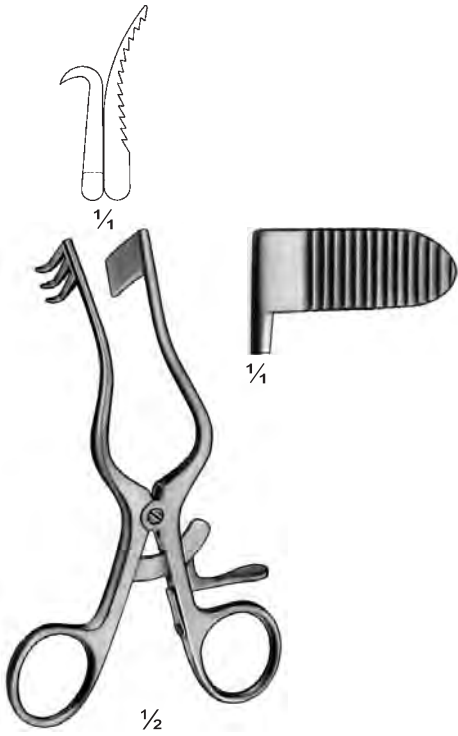
Plester  
**383-12-11**  
11 cm / 4 1/4"  
Blunt



Plester  
**383-13-13**  
13 cm / 5 1/8"  
2 X 2 Prongs  
Sharp



Plester  
**383-14-13**  
13 cm / 5 1/8"  
2 X 2 Prongs  
Blunt



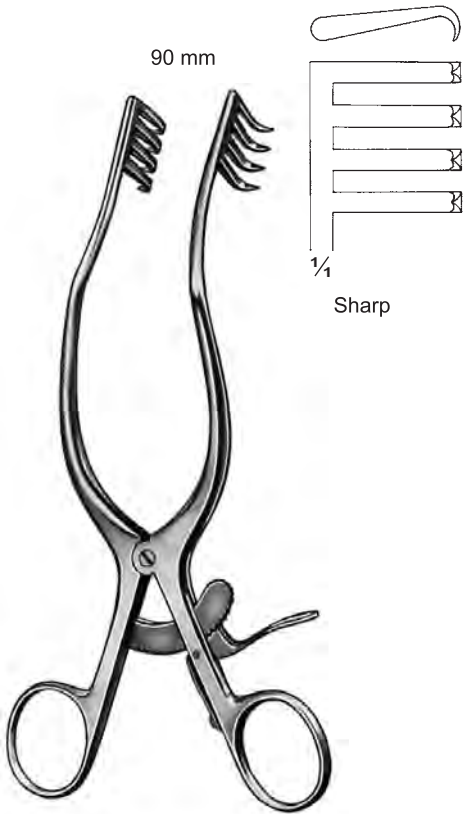
Perkins  
**384-01-13**  
13 cm / 5 1/8"



Perkins  
**384-02-13**  
13 cm / 5 1/8"



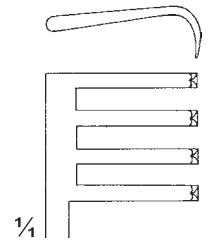
Bellucci  
**384-03-13**  
13 cm / 5 1/8"  
3 X 3 Prongs  
Sharp



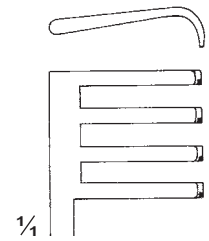
Anderson-Adson  
**384-04-20**  
20 cm / 8"  
4 X 4 Prongs



Weitlaner  
**384-05-20 & 384-06-20**  
20 cm / 8"  
3 X 4 Prongs



**384-05-20**  
Sharp



**384-06-20**  
Blunt

16 X 13 mm



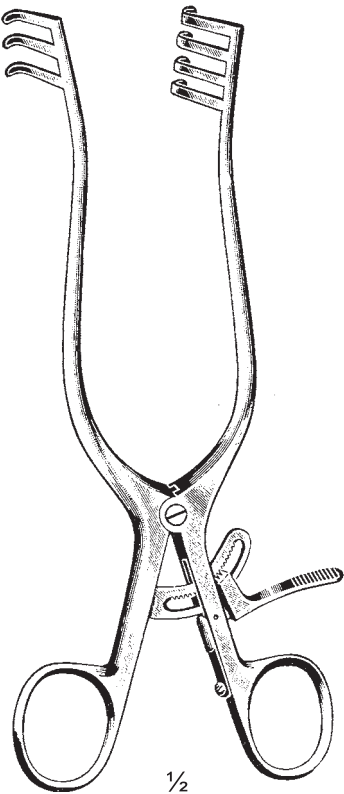
Cloward  
**385-01-16**  
16.5 cm / 6½"  
Blunt



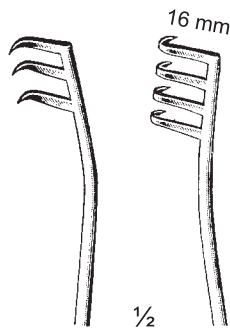
Cloward  
**385-02-16**  
16.5 cm / 6½"  
3 X 3 Prongs  
Blunt



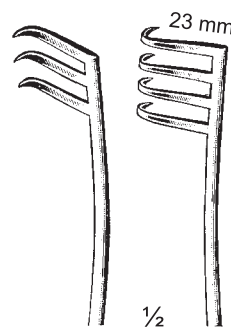
Adson-Baby  
**385-03-14**  
14 cm / 5½"  
3 X 4 Prongs  
Blunt



Weitlaner  
**385-04-20 To 385-09-25**

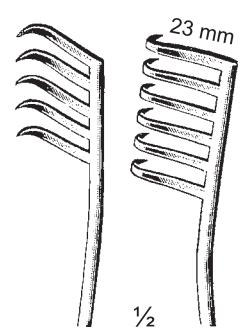


**385-04-20**  
20 cm / 8"  
3 X 4 Prongs  
Sharp

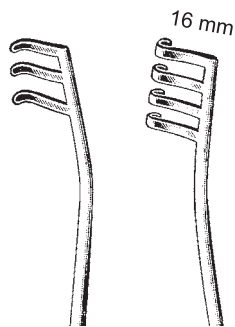


**385-05-25**  
25 cm / 10"  
3 X 4 Prongs  
Sharp

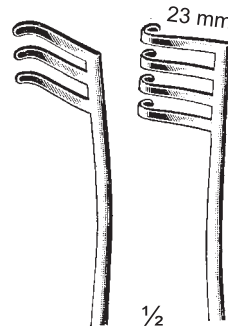
**385-05-24**  
24cm  
3x4 Prongs  
Sharpt



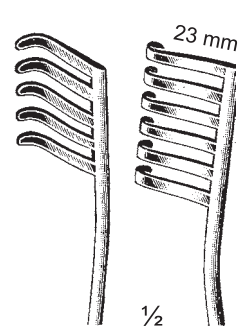
**385-06-25**  
25 cm / 10"  
5 X 6 Prongs  
Sharp



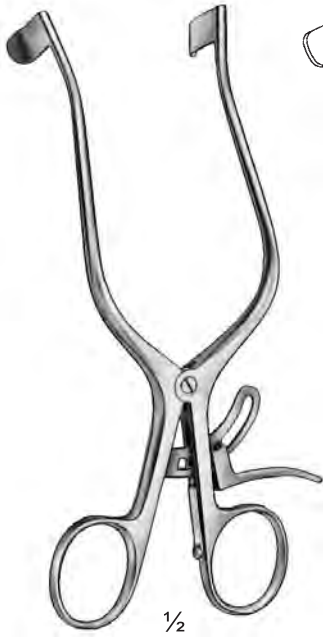
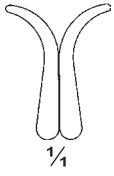
**385-07-20**  
20 cm / 8"  
3 X 4 Prongs  
Blunt



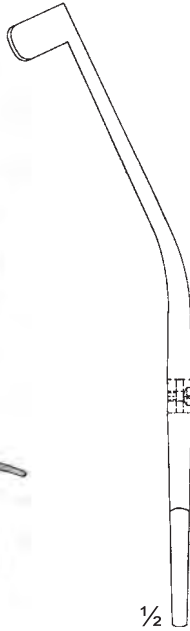
**385-08-25**  
25 cm / 10"  
3 X 4 Prongs  
Blunt



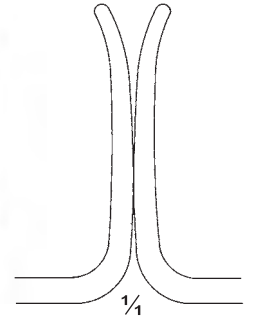
**385-09-25**  
25 cm / 10"  
5 X 6 Prongs  
Blunt



**Tübinger Mod.**  
**386-01-16**  
16.5 cm / 6½"



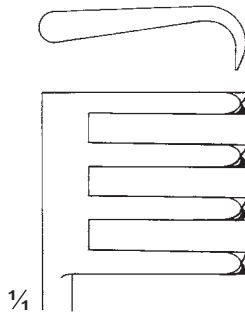
**Mayo-Adams**  
**386-02-16**  
16.5 cm / 6½"



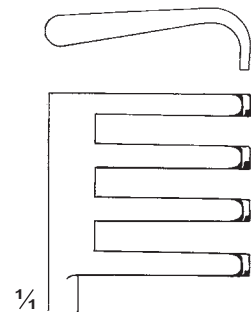
80 mm



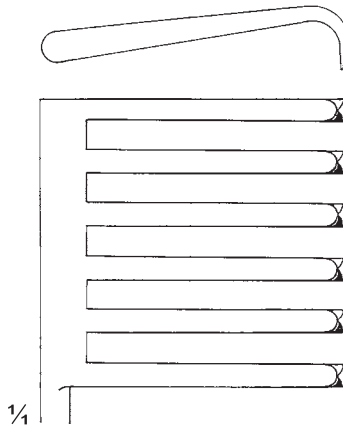
**Adson**  
**386-03-26 To 386-06-26**  
26.5 cm / 10½"



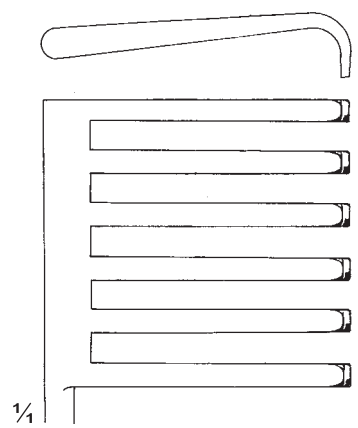
**386-03-26**  
3 X 4 Prongs  
Sharp



**386-04-26**  
3 X 4 Prongs  
Blunt

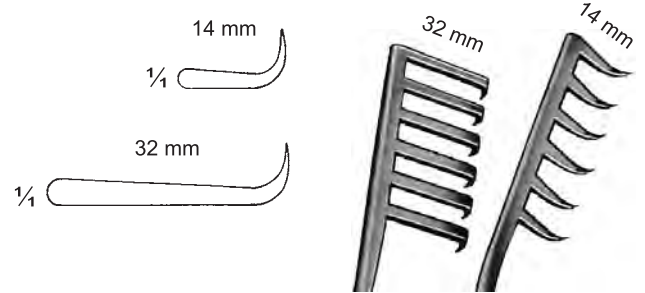


**386-05-26**  
6 X 6 Prongs  
Sharp

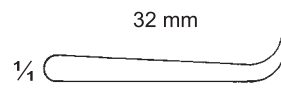
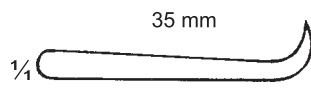
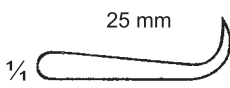


**386-06-26**  
6 X 6 Prongs  
Blunt

**Wundhaken  
Retractors  
Ecarteurs**



Adson  
**387-07-26**  
26.5 cm / 10½"  
6 X 6 Prongs  
Sharp



Adson  
**387-01-26** Sharp  
**387-02-26** Blunt  
26.5 cm / 10½"  
3 X 4 Prongs



Adson  
**387-03-26** Sharp  
**387-04-26** Blunt  
26.5 cm / 10½"  
5 X 6 Prongs



Adson  
**387-05-26**  
26.5 cm / 10½"  
6 X 6 Prongs  
Sharp



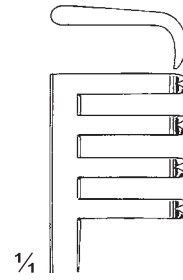
Adson  
**387-06-26**  
26.5 cm / 10½"  
6 X 6 Prongs  
Sharp



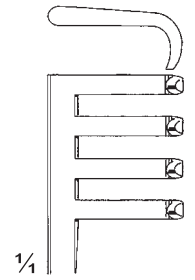
1/2  
Miskimon  
388-01-22 Sharp  
388-02-22 Blunt  
22 cm / 8 3/4"  
7 X 7 Prongs



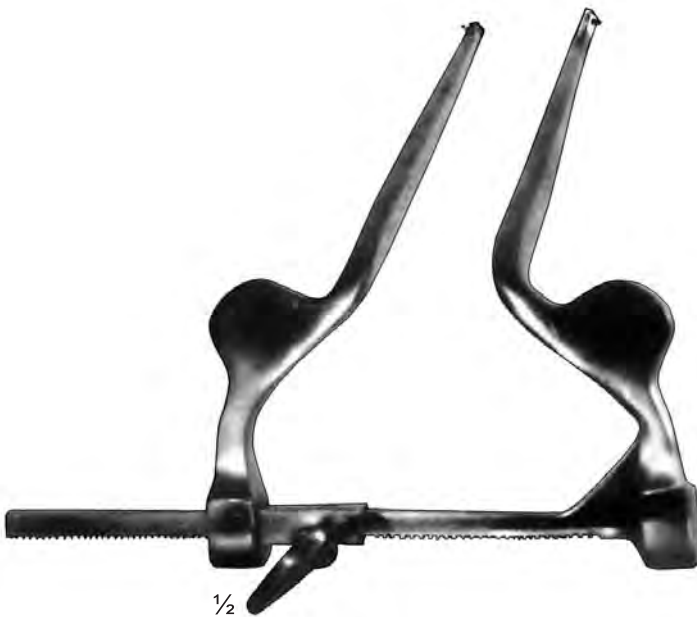
1/2  
Henley  
388-03-16 & 388-04-16  
16.5 cm / 6 1/2"  
With central blade



1/4  
388-03-16  
3 X 4 Prongs  
Sharp



1/4  
388-04-16  
3 X 4 Prongs  
Blunt



1/2  
Cloward  
388-05-18  
18 cm / 7" Opening

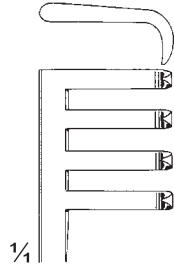


1/2  
Cloward  
388-06-16 16 cm / 6 1/4"  
388-07-18 18 cm / 7"  
388-08-23 23 cm / 9"

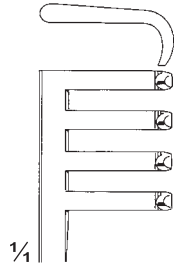


1/2

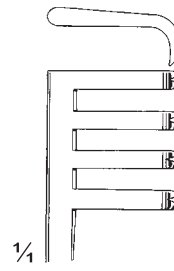
Adson  
389-01-13 To 389-08-26  
3 X 4 Prongs



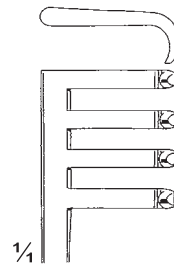
389-01-13  
13 cm / 5 1/8"  
Sharp



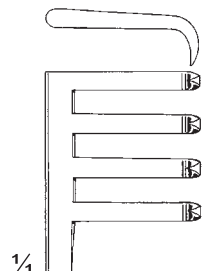
389-02-13  
13 cm / 5 1/8"  
Blunt



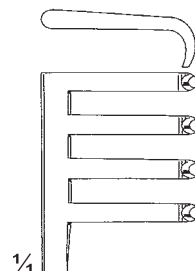
389-03-16  
16 cm / 6 1/4"  
Sharp



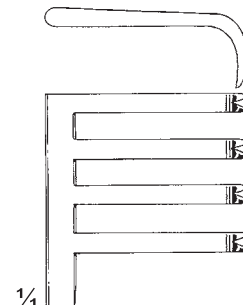
389-04-16  
16 cm / 6 1/4"  
Blunt



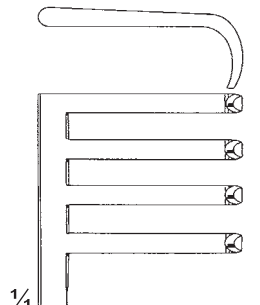
389-05-20  
20 cm / 8"  
Sharp



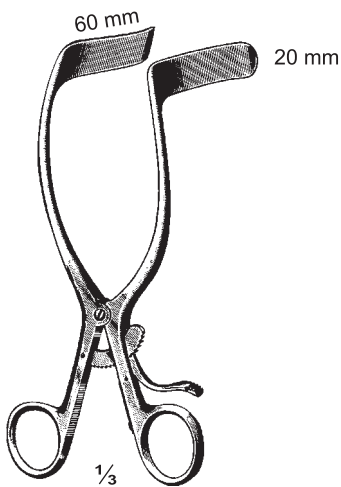
389-06-20  
20 cm / 8"  
Blunt



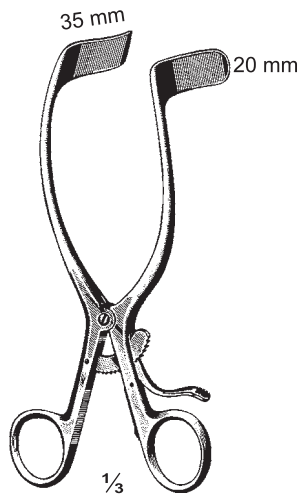
389-07-26  
26 cm / 10 1/4"  
Sharp



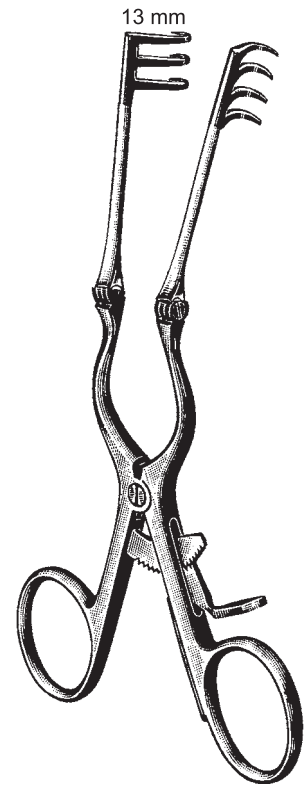
389-08-26  
26 cm / 10 1/4"  
Blunt



Rugby  
389-09-18  
18 cm / 7"

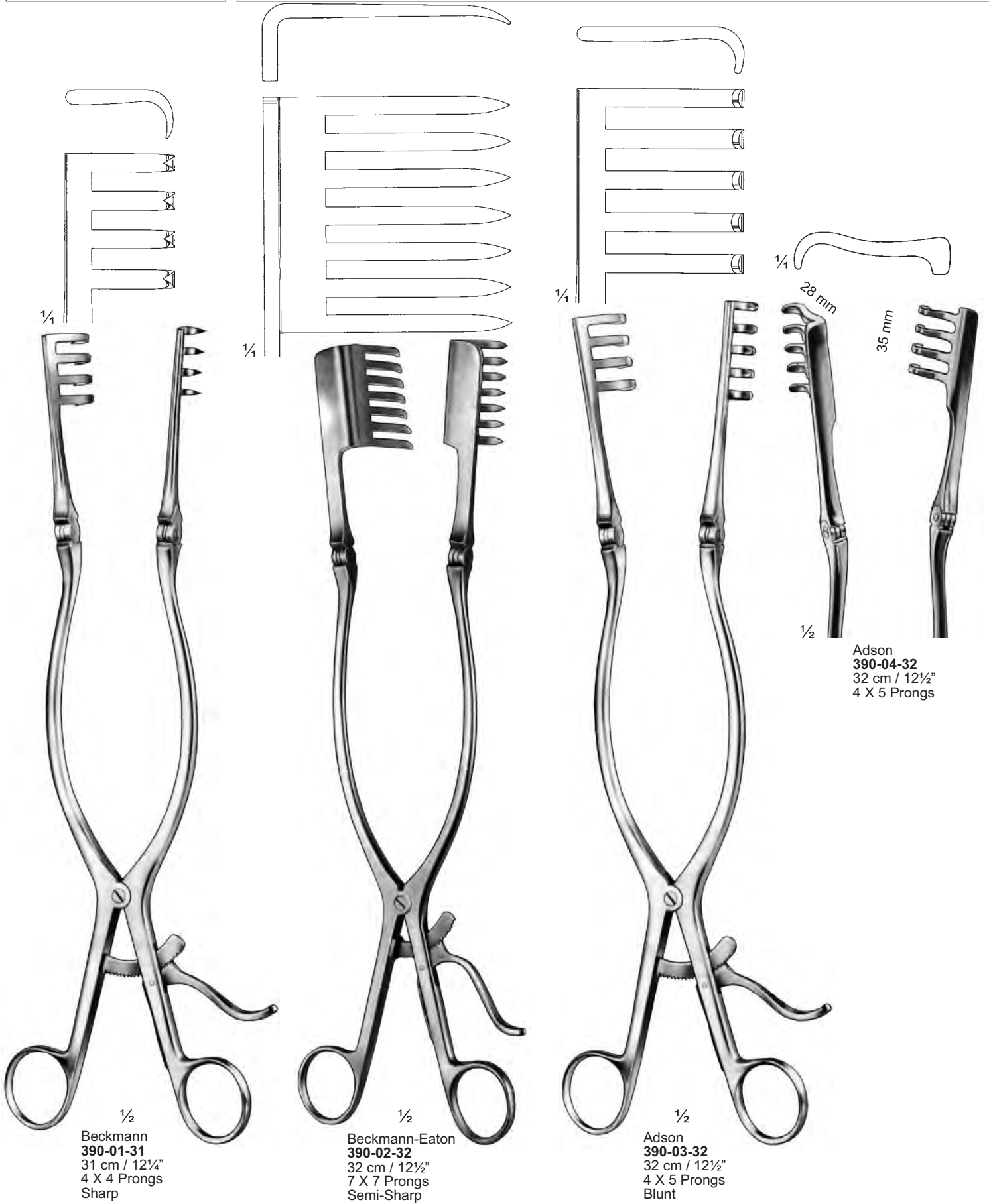


389-10-18  
18 cm / 7"



Weitlaner-Beckmann  
389-11-16 16.5 cm / 6 1/2" Sharp  
389-12-16 16.5 cm / 6 1/2" Blunt  
389-13-20 20 cm / 8" Sharp  
389-14-20 20 cm / 8" Blunt  
3 X 4 Prongs



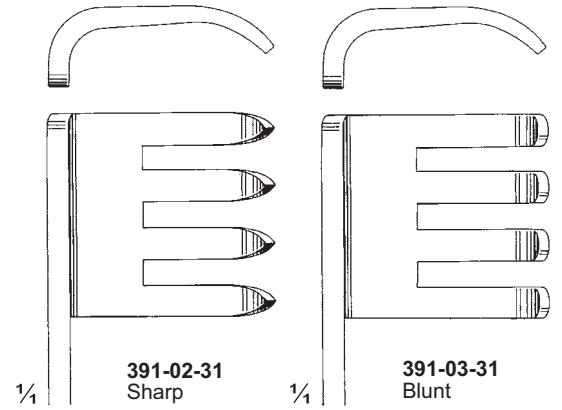
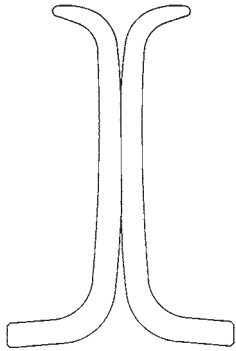


$\frac{1}{2}$   
Beckmann  
**390-01-31**  
31 cm / 12 1/4"  
4 X 4 Prongs  
Sharp

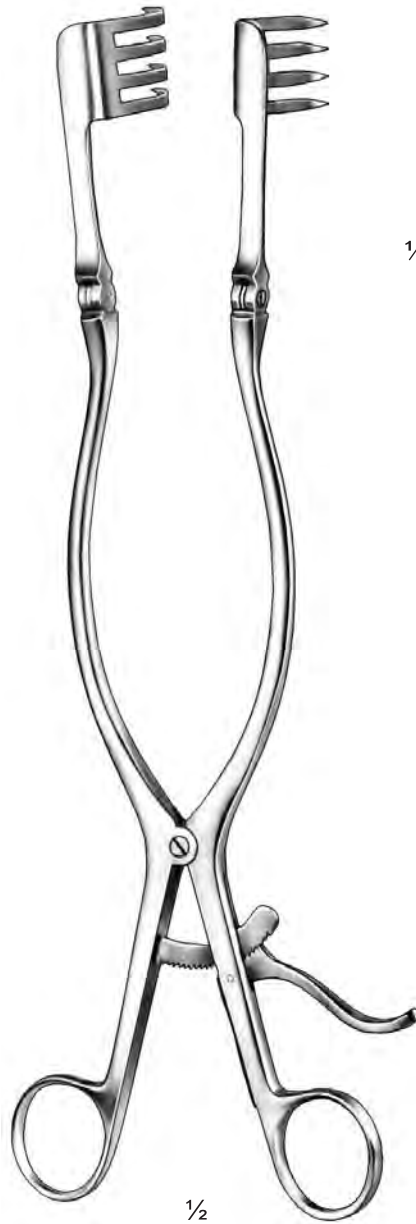
$\frac{1}{2}$   
Beckmann-Eaton  
**390-02-32**  
32 cm / 12 1/2"  
7 X 7 Prongs  
Semi-Sharp

$\frac{1}{2}$   
Adson  
**390-03-32**  
32 cm / 12 1/2"  
4 X 5 Prongs  
Blunt

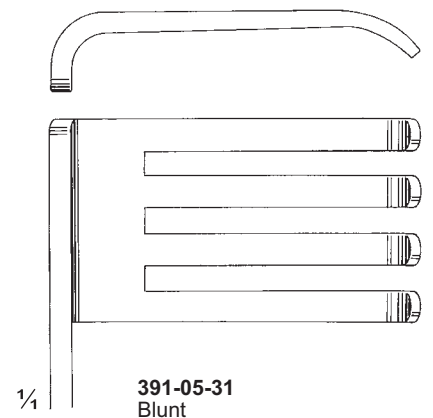
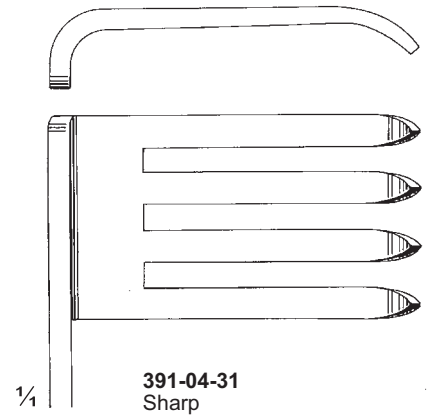
Adson  
**390-04-32**  
32 cm / 12 1/2"  
4 X 5 Prongs



Harvey Jackson  
**391-01-28**  
28 cm / 11"  
3 X 3 Prongs  
Sharp



Beckmann-Adson  
**391-02-31 To 391-05-31**  
31 cm / 12 1/4"  
4 X 4 Prongs





**392-03-16**



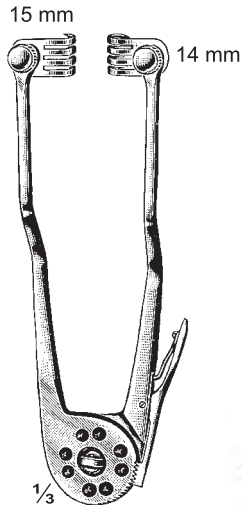
Beckmann-Bayonet  
**392-01-26** Sharp  
**392-02-26** Blunt  
26 cm / 10 $\frac{1}{4}$ "  
4 X 4 Prongs

$\frac{1}{4}$   
Courty-Fontaine  
**392-03-16**  
16 cm / 6 $\frac{1}{4}$ "  
3 X 4 Prongs  
**392-04-16**  
16.5 cm / 6 $\frac{1}{2}$ "  
4 X 5 Prongs

$\frac{1}{4}$   
Courty  
**392-05-11**  
11.5 cm / 4 $\frac{1}{2}$ "



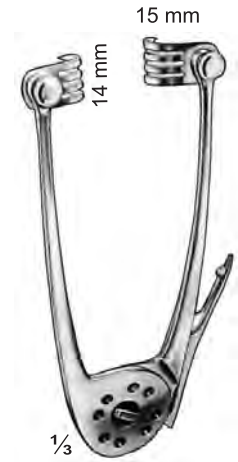
**Sexton**  
**393-03-32**  
32 cm / 12½"  
Horizontal retractor  
2 X 4 Prongs



**Crotti**  
**393-01-18**  
18.5 cm / 7¼"  
4 X 4 Prongs



$\frac{1}{2}$   
**Charnley**  
**393-04-28**  
28 cm / 11"  
Horizontal retractor



**Kocher**  
**393-02-16**  
16 cm / 6¼"  
4 X 4 Prongs



Markham-Meyerding  
**394-01-18**  
18 cm / 7"



Markham-Meyerding  
**394-02-18**  
18 cm / 7"



Meyerding  
**394-03-19** 44 X 25 mm  
**394-04-19** 54 X 25 mm  
**394-05-19** 60 X 19 mm  
**394-06-19** 60 X 25 mm  
19 cm / 7½"



Knighton  
**394-07-18**  
18 cm / 7"



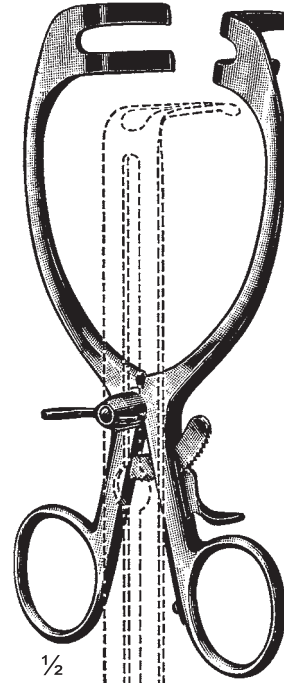
Knighton  
**394-08-18**  
18 cm / 7"



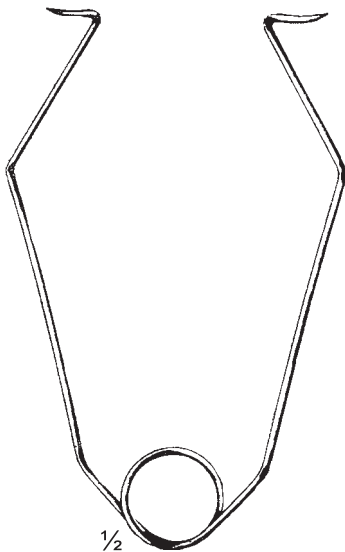
**Darling**  
**395-01-18**  
18 cm / 7"



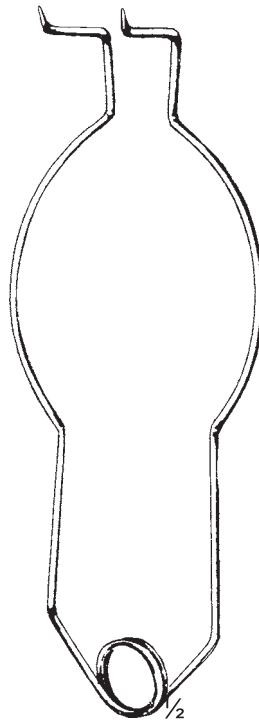
**Darling**  
**395-02-18**  
18 cm / 7"



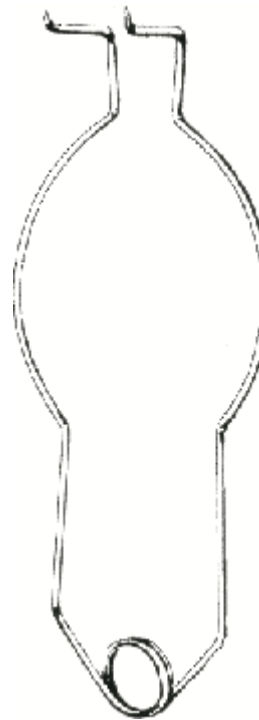
**Mayo-Adams**  
**395-03-17** With central blade  
**395-04-17** Without central blade  
17 cm / 6 3/4"



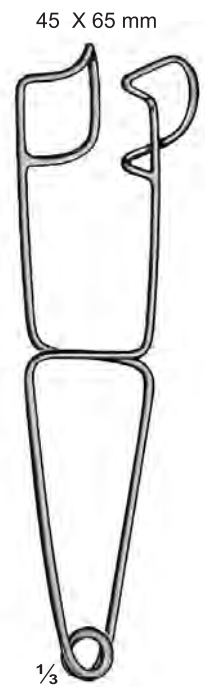
**Mayo-Adams**  
**395-05-16**  
16.5 cm / 6 1/2"



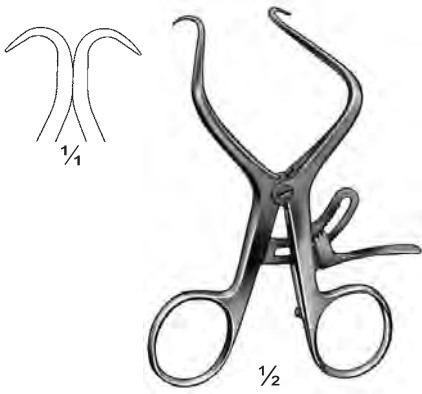
**Farr**  
**395-06-14** 19 mm  
**395-07-14** 28 mm  
14 cm / 5 1/2"



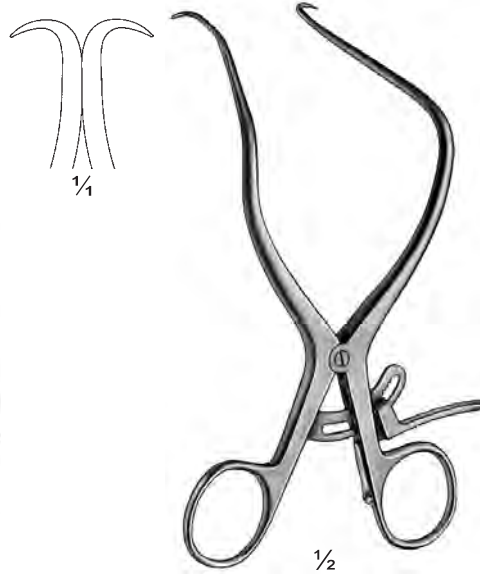
**Farr**  
**395-08-23** 22 mm  
23 cm / 9"



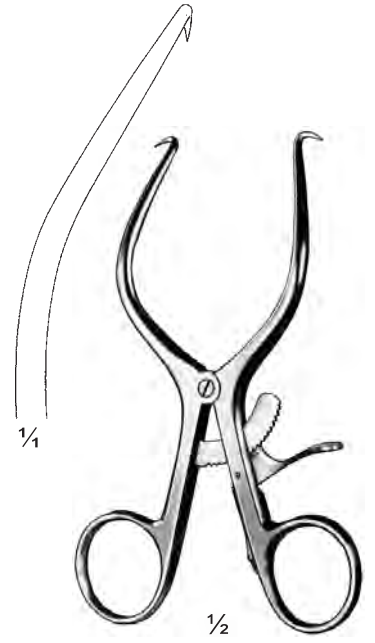
**Dartigues**  
**395-09-24**  
24 cm / 9 1/2"



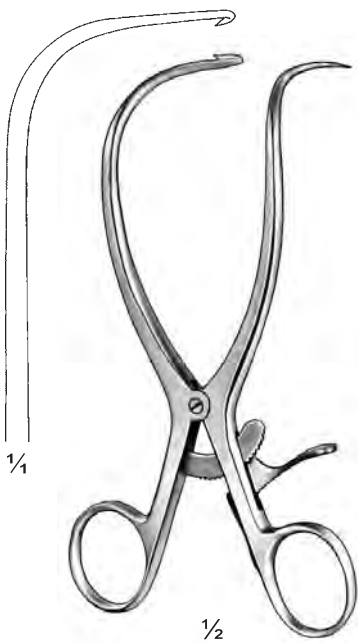
**De Bakey**  
**396-01-10**  
10 cm / 4"



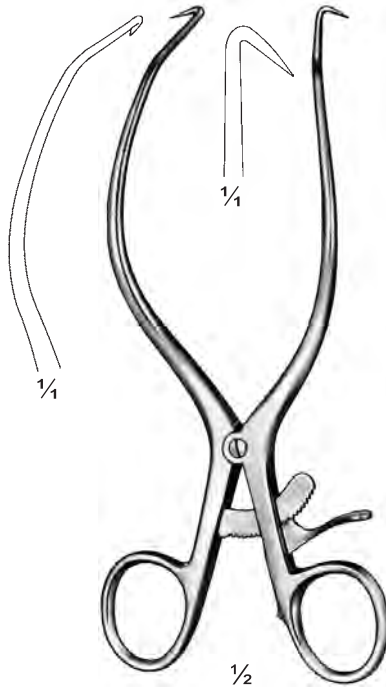
**De Bakey**  
**396-02-14**  
14.5 cm / 5 3/4"



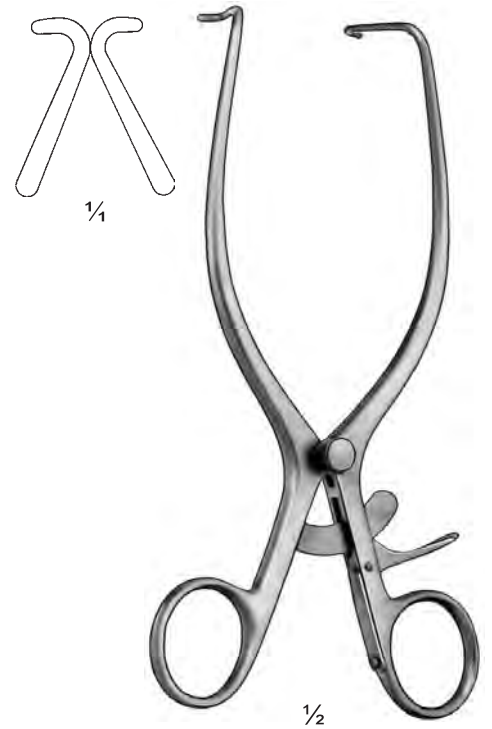
**Gelpi-Baby**  
**396-03-13**  
13 cm / 5 1/8"



**Gelpi-Seileitz**  
**396-04-15**  
15 cm / 6"



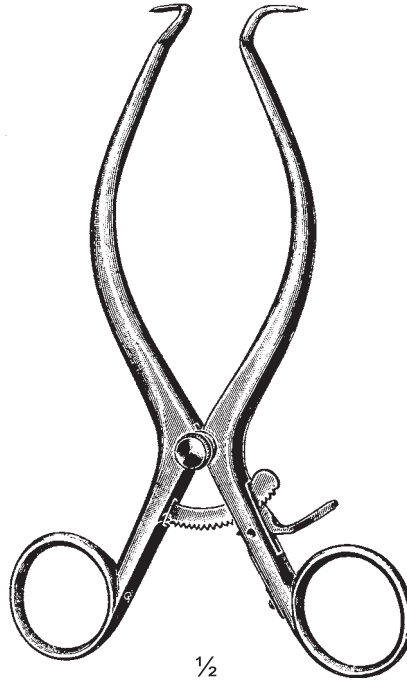
**Gelpi-Loktite**  
**396-05-18**  
18 cm / 7"



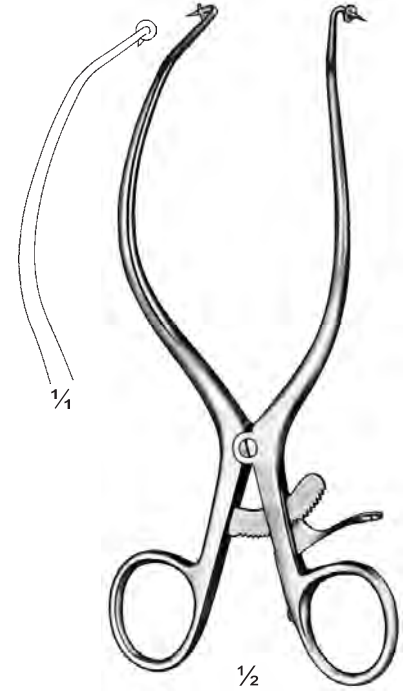
**Jackson Burrows**  
**396-06-18**  
18.5 cm / 7 1/4"



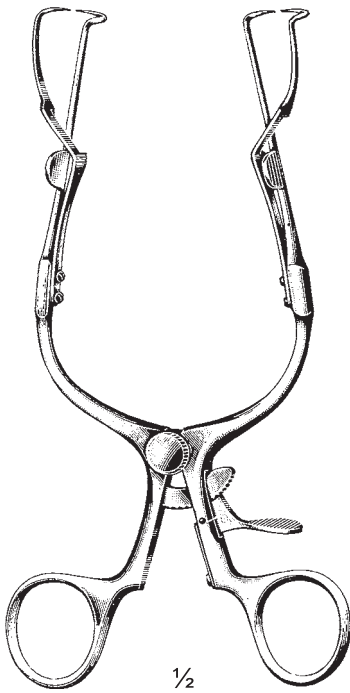
1/2  
Gelpi  
397-01-18  
18 cm / 7"



1/2  
Gelpi  
397-02-16 16.5 cm / 6 1/2"  
397-03-18 18 cm / 7"  
397-04-19 19 cm / 7 1/2"  
Strong model



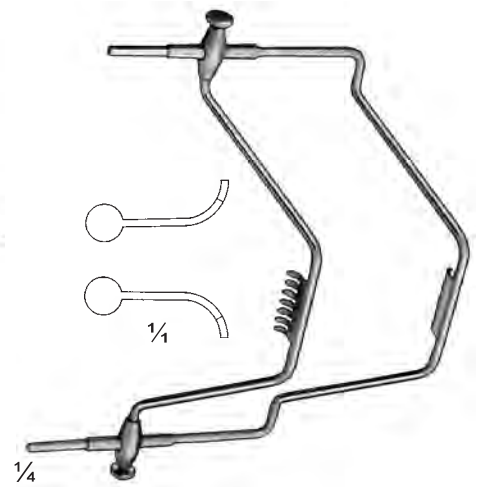
1/2  
Gelpi-Loktite  
397-05-18  
18 cm / 7"



1/2  
Richter  
397-06-16 16.5 cm / 6 1/2"  
397-07-18 18 cm / 7"  
397-08-20 20 cm / 8"



1/2  
Joll (Friedman)  
397-09-15  
15 cm / 6"



397-10-00





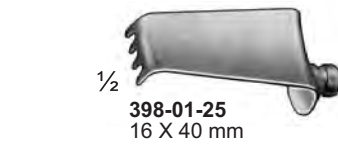
Cloward modif.  
**398-01-25 To 398-10-25**  
25 cm / 10"



**398-11-17**  
40 X 14 mm



**398-12-17**  
46 X 14 mm



$\frac{1}{2}$   
**398-01-25**  
16 X 40 mm



$\frac{1}{2}$   
**398-02-25**  
16 X 45 mm



$\frac{1}{2}$   
**398-03-25**  
16 X 50 mm



$\frac{1}{2}$   
**398-04-25**  
16 X 55 mm



$\frac{1}{2}$   
**398-05-25**  
16 X 60 mm



$\frac{1}{2}$   
**398-06-25**  
16 X 40 mm



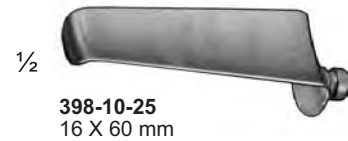
$\frac{1}{2}$   
**398-07-25**  
16 X 45 mm



$\frac{1}{2}$   
**398-08-25**  
16 X 50 mm



$\frac{1}{2}$   
**398-09-25**  
16 X 55 mm



$\frac{1}{2}$   
**398-10-25**  
16 X 60 mm



**398-13-17**  
50 X 14 mm



**398-14-17**  
55 X 14 mm



**398-15-17**  
60 X 14 mm



Cloward  
**398-11-17 To 398-15-17**  
17 cm / 6 $\frac{3}{4}$ "



$\frac{1}{2}$   
**399-01-13**  
13 cm / 5 $\frac{1}{8}$ "



$\frac{1}{2}$   
Knighton  
**399-02-19**  
19 cm / 7 $\frac{1}{2}$ "



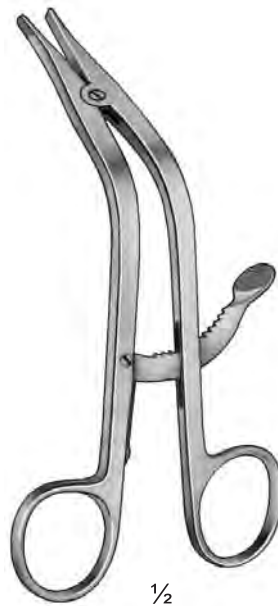
$\frac{1}{2}$   
Knighton  
**399-03-19**  
19 cm / 7 $\frac{1}{2}$ "



$\frac{1}{2}$   
Cloward  
**399-04-16**  
16 cm / 6 $\frac{1}{4}$ "



$\frac{1}{4}$



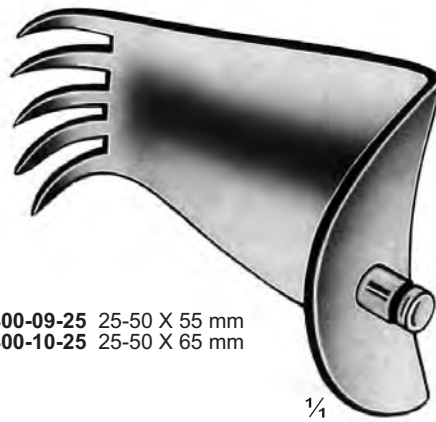
$\frac{1}{2}$   
Cloward  
**399-05-15**  
15 cm / 6"



$\frac{1}{4}$



$\frac{1}{2}$   
Cloward  
**399-06-13**  
13.5 cm / 5 $\frac{1}{4}$ "



400-09-25 25-50 X 55 mm  
400-10-25 25-50 X 65 mm

1/4



Cloward-Hoen  
400-09-25 & 400-10  
25 cm / 10"

1/2



1/4

400-01-27 45 X 35 mm 400-05-23  
400-02-27 45 X 45 mm 400-06-23



Hoen  
400-01-27 To 400-04-27  
27 cm / 10 3/4"



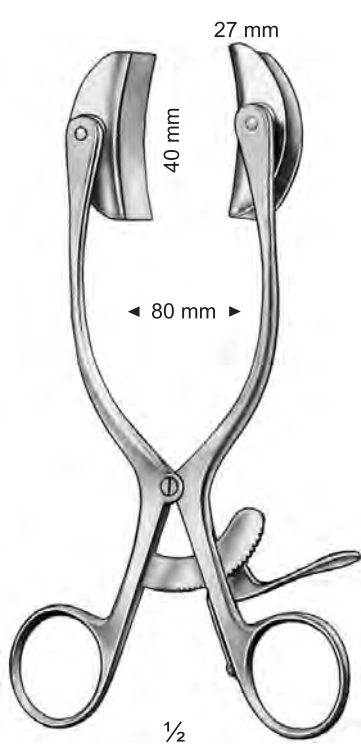
1/4

400-03-27 25 X 35 mm 400-07-23  
400-04-27 25 X 45 mm 400-08-23

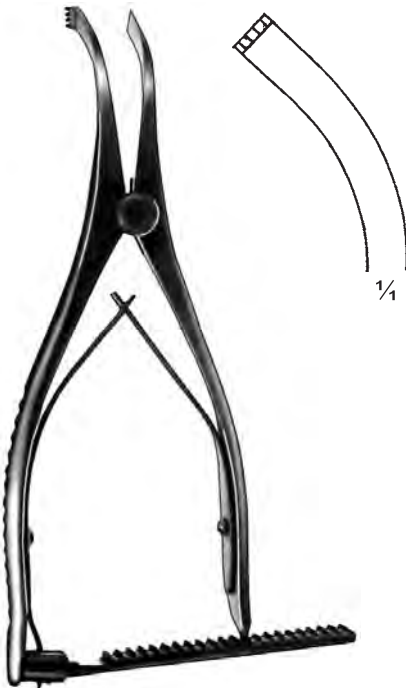
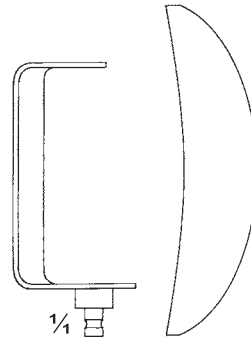
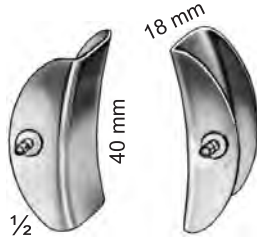


1/2

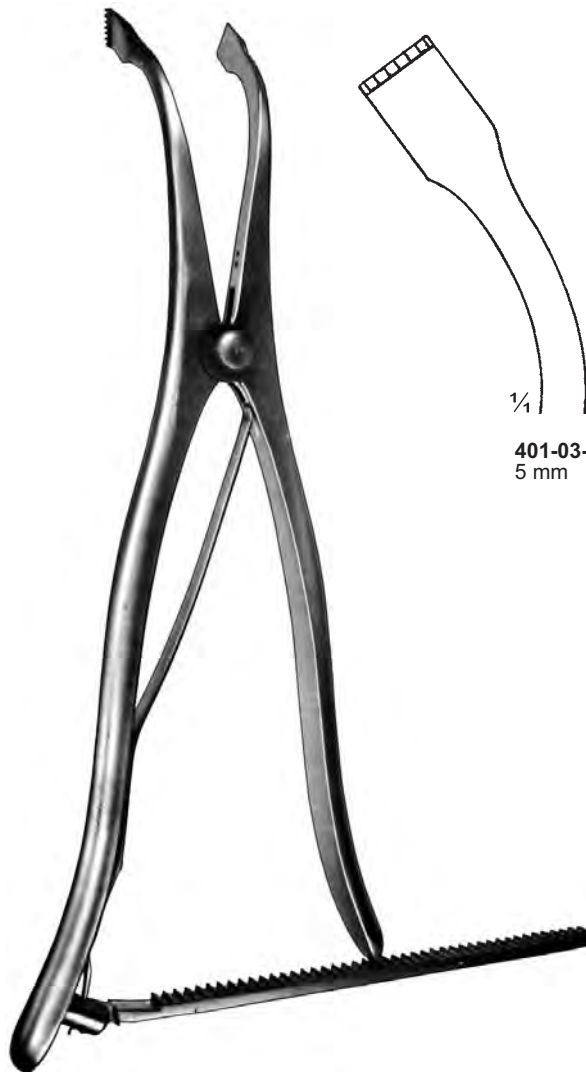
Cloward-Lumber  
400-05-23 To 400-08-23  
23 cm / 9"



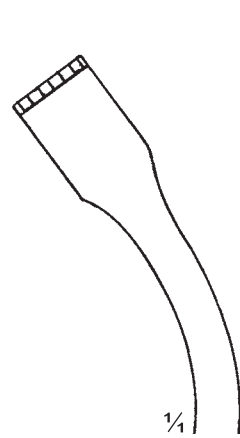
Baby-Collin  
401-01-17  
17 cm / 6 $\frac{3}{4}$ "  
Abdominal retractor complete  
with 2 pairs of blades



Inge  
401-02-16  
16 cm / 6 $\frac{1}{4}$ "



Inge  
401-03-26 & 401-04-26  
26 cm / 10 $\frac{1}{4}$ "



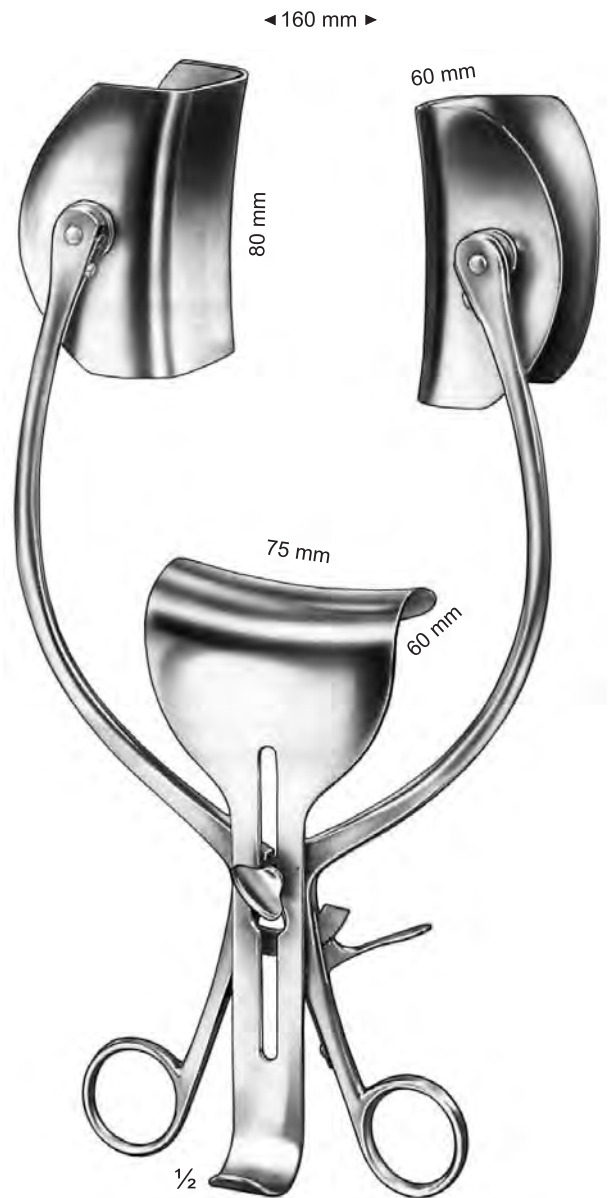
401-03-26  
5 mm



401-04-26  
10 mm



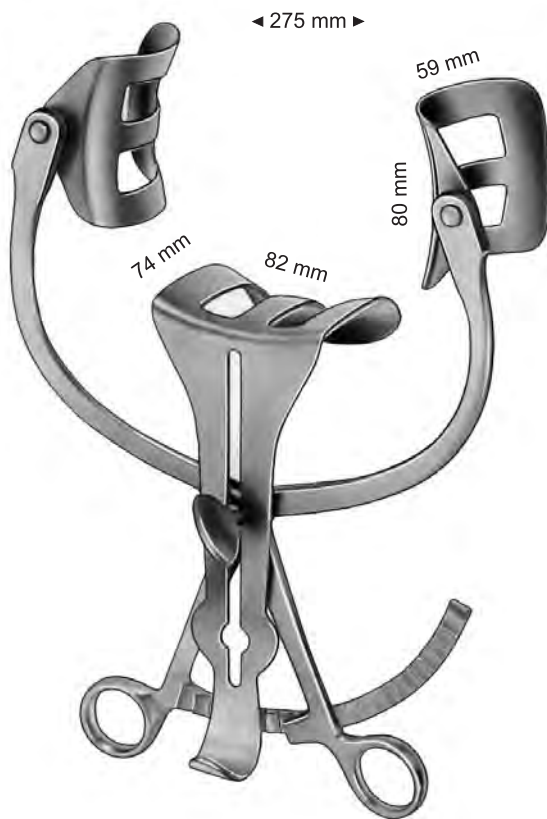
Collin  
**402-01-13**  
22 cm / 8<sup>3</sup>/<sub>4</sub>"



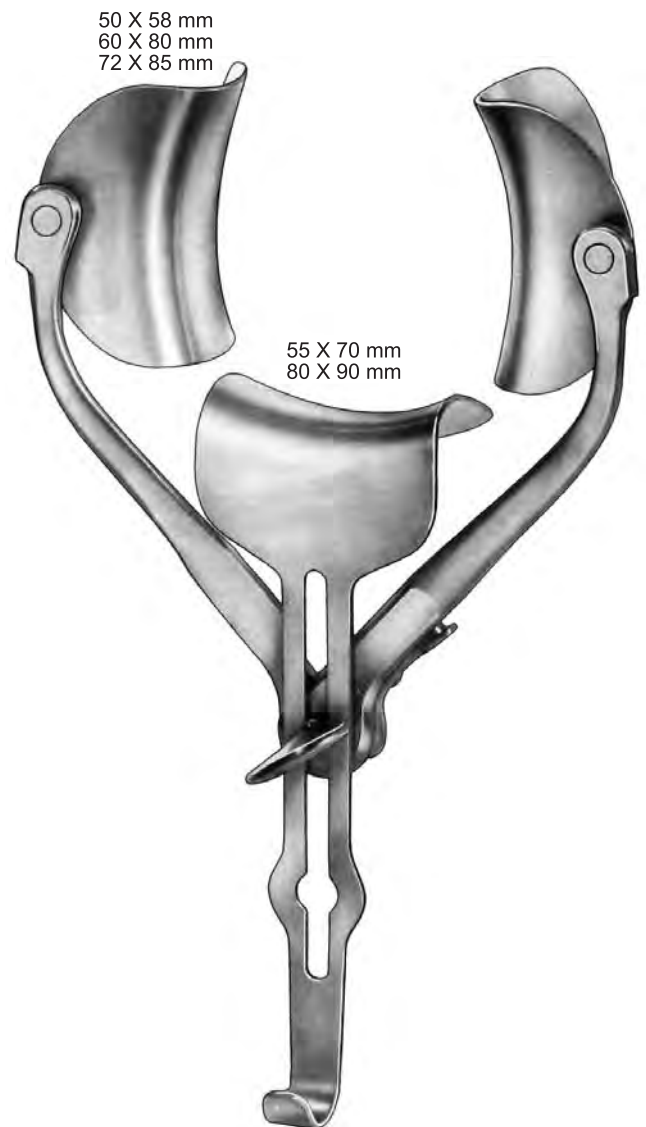
Collin-Loktite  
**402-05-16**  
26 cm / 10<sup>1</sup>/<sub>4</sub>"

Collin	Opening	Lateral Blades	Central Blade
<b>402-02-13</b>	135 mm	37 X 62 mm	54 X 55 mm
<b>402-03-16</b>	160 mm	37 X 80 mm	54 X 67 mm
<b>402-04-16</b>	160 mm	37 X 98 mm	52 X 76 mm

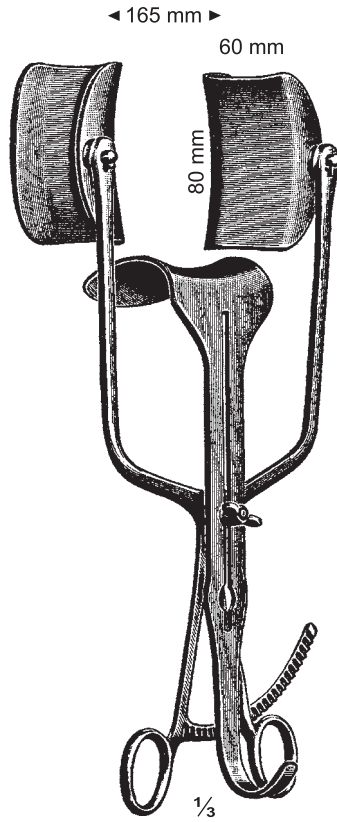
22 cm / 8<sup>3</sup>/<sub>4</sub>"



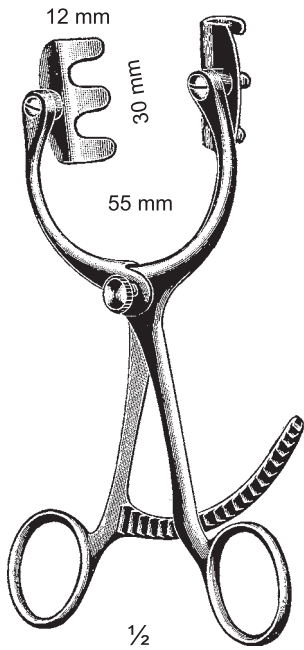
Holzbach  
403-01-27



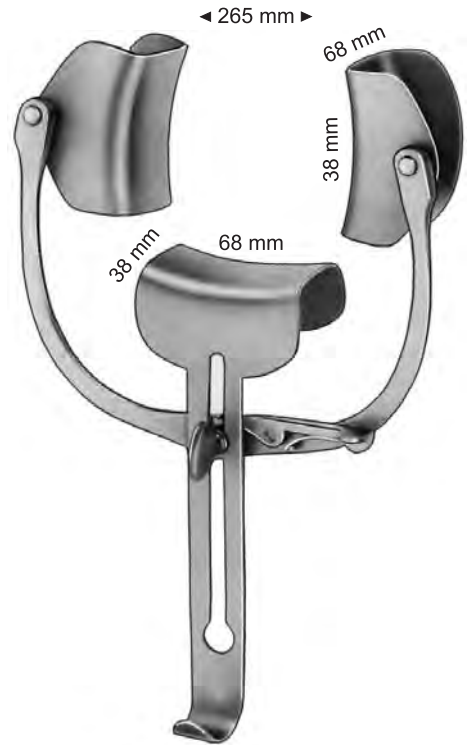
Ricard  
403-02-28 28 cm / 11"  
403-03-30 30 cm / 12"



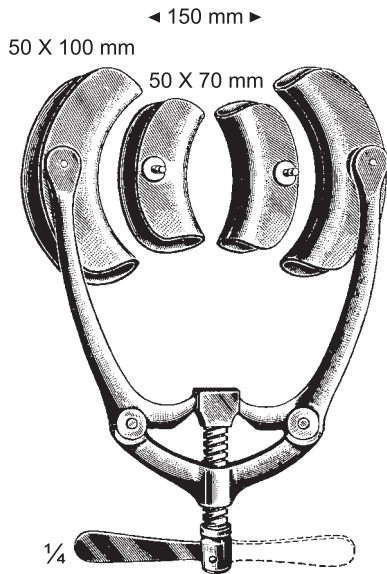
Oettingen  
404-01-16  
27 cm / 10½"  
Central blade 50 X 65 mm



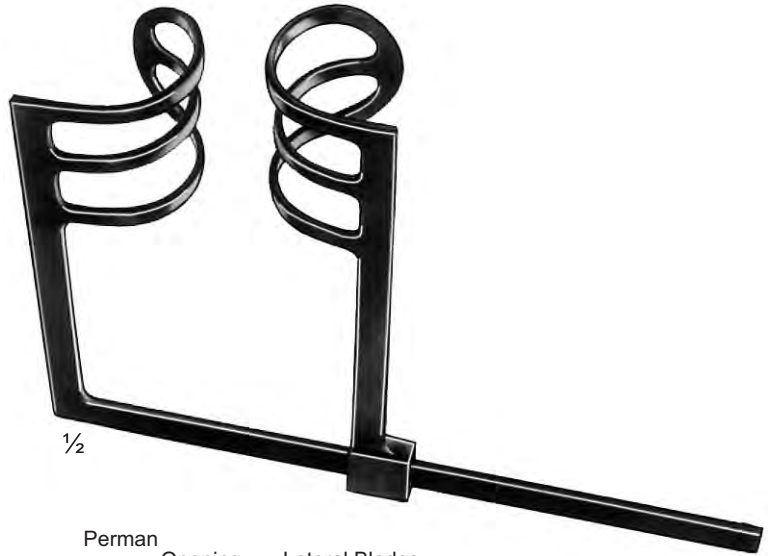
Houzel  
404-02-16  
16 cm / 6¼"



Robin-Masse  
404-03-26

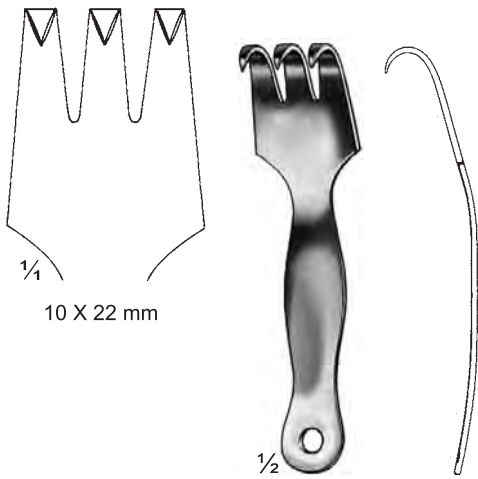


**Quervain**  
**405-01-15**  
24 cm / 9½"  
With 2 pairs of blades

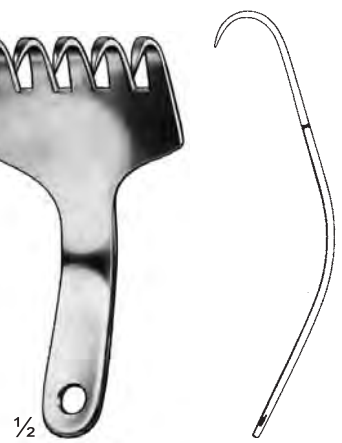
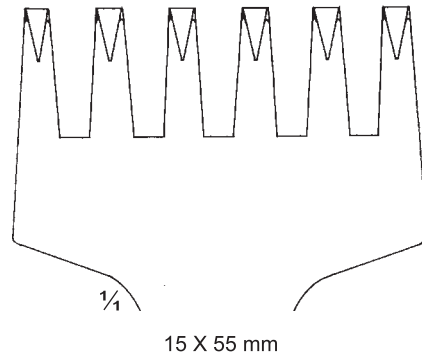


**Perman**

	Opening	Lateral Blades
<b>405-02-18</b>	18 cm / 7"	60 X 60 mm
<b>405-03-20</b>	20 cm / 8"	60 X 60 mm
<b>405-04-25</b>	25 cm / 10"	70 X 70 mm

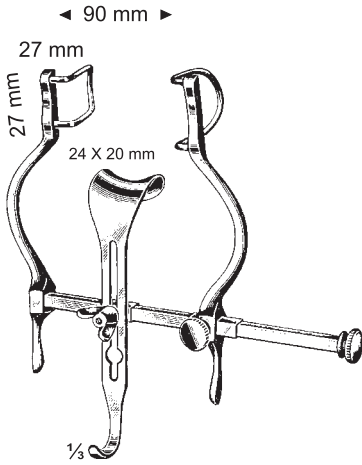


**405-05-10**  
10.5 cm / 4¼"

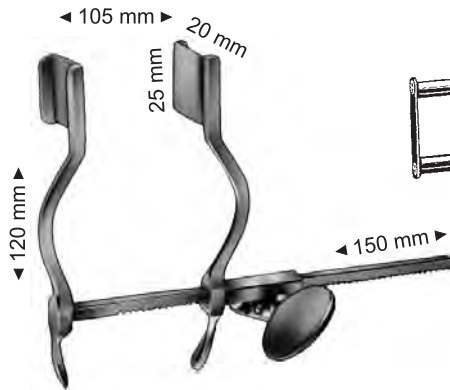


**405-06-10**  
10.5 cm / 4¼"

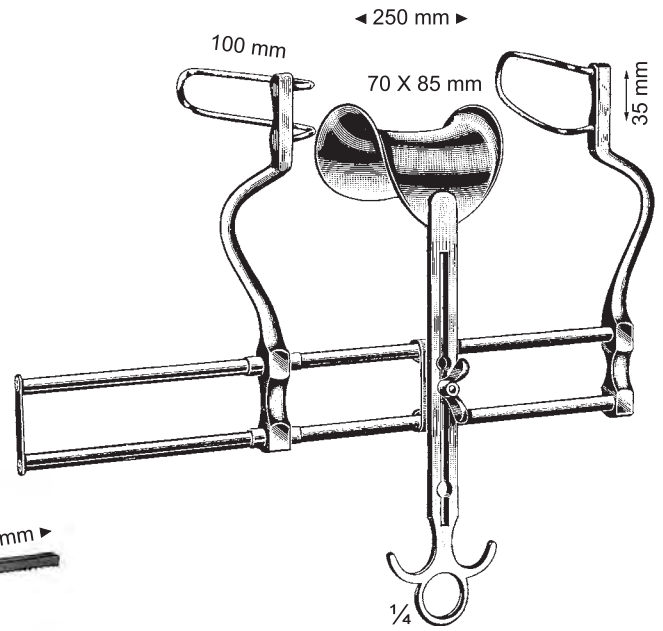




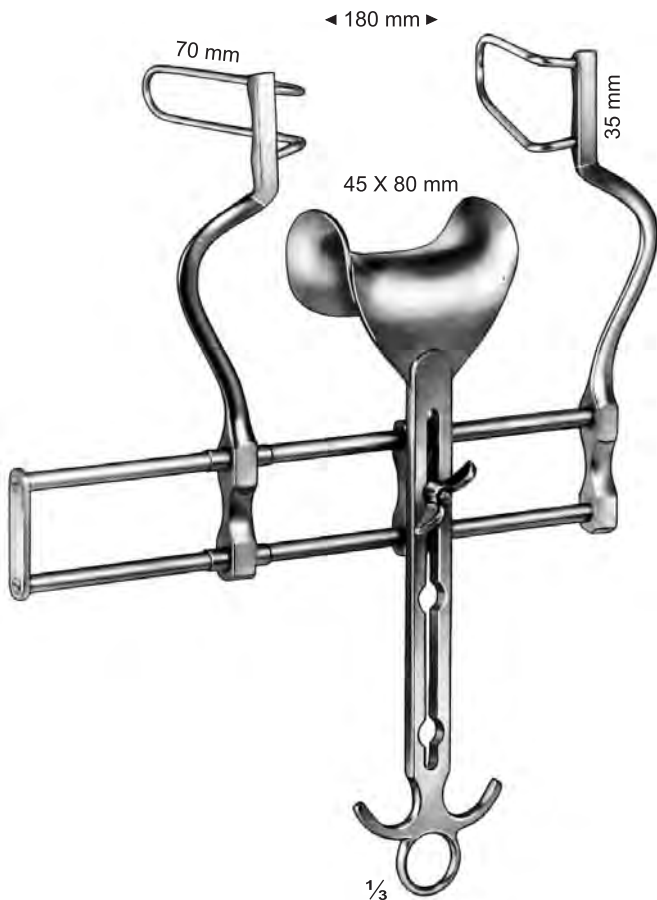
Balfour-Baby  
406-01-09



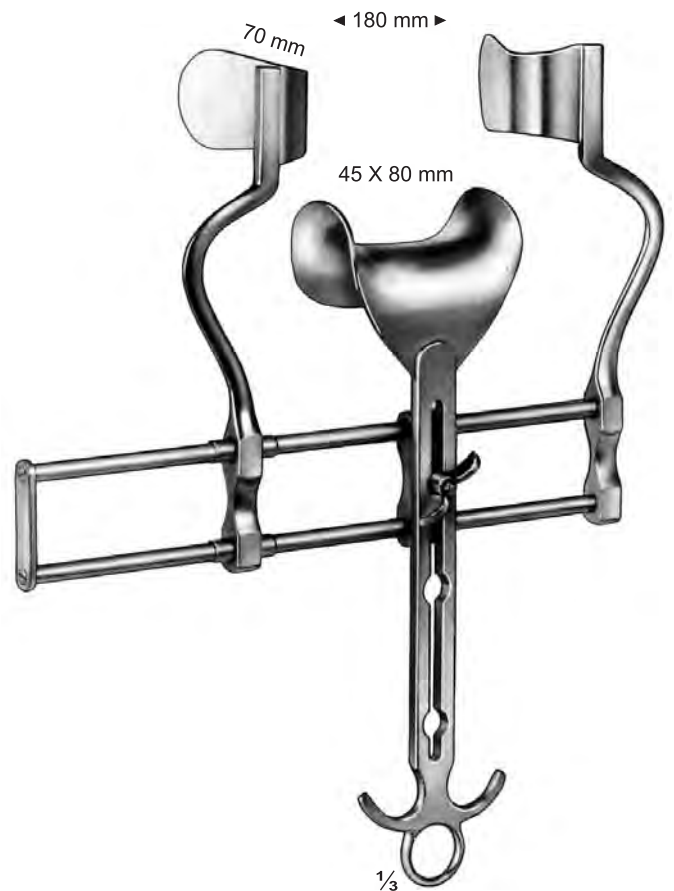
Hertzler  
406-02-10



Balfour  
Opening Wire blades  
406-03-25 250 mm 35 X 100 mm  
406-04-28 280 mm 40 X 105 mm  
406-05-30 300 mm 40 X 110 mm

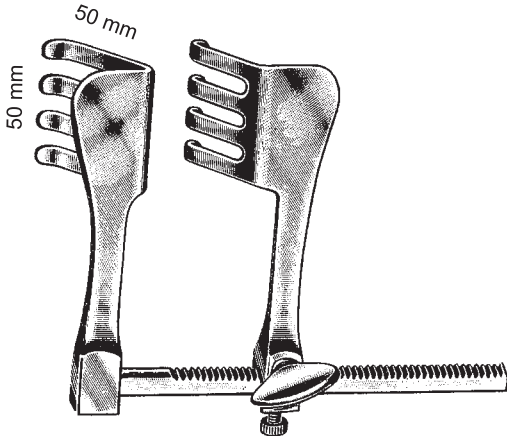


Balfour  
406-06-18 Opening 180 mm  
406-07-20 Opening 200 mm

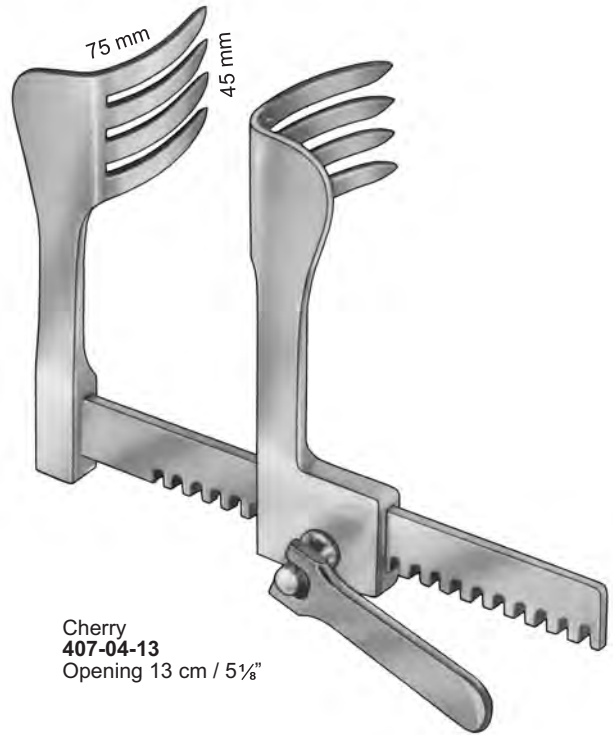


Balfour  
406-08-18 Opening 180 mm  
406-09-20 Opening 200 mm

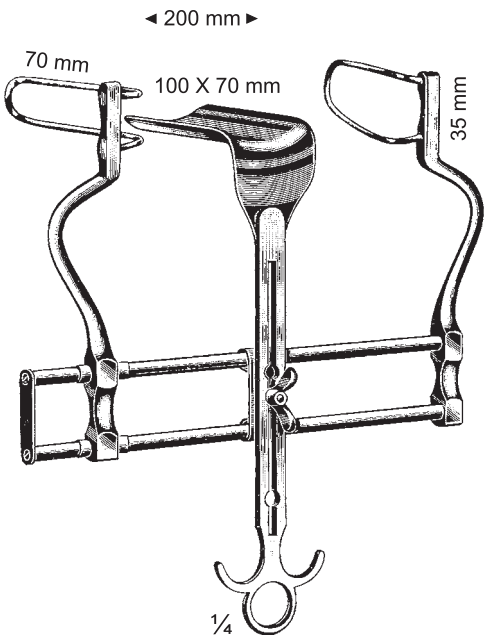
# Bauchdeckenhalter Abdominal Retractors Ecarteurs abdominaux



Badgley  
**407-01-15** Opening 15 cm / 6"  
**407-02-18** Opening 18 cm / 7"  
**407-03-20** Opening 20 cm / 8"

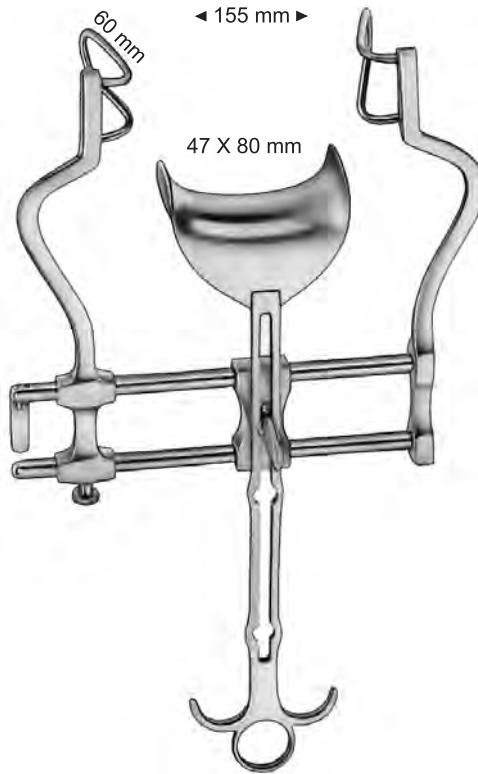


Cherry  
**407-04-13**  
 Opening 13 cm / 5 1/8"

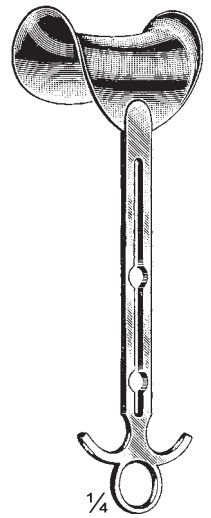


Balfour

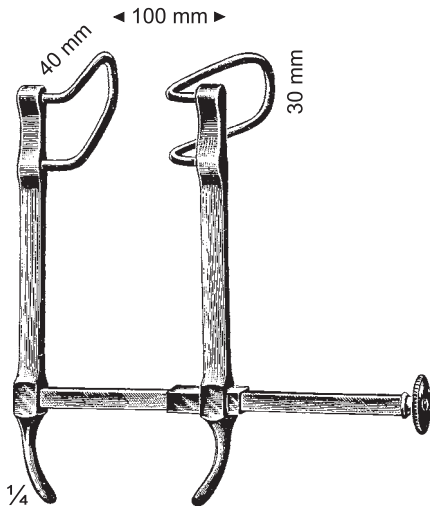
	Opening	Lateral Blades	Central Blade
<b>407-05-18</b>	180 mm	70 X 35 mm	45 X 80 mm
<b>407-06-20</b>	200 mm	100 X 35 mm	100 X 70 mm
<b>407-07-25</b>	250 mm	100 X 35 mm	70 X 85 mm



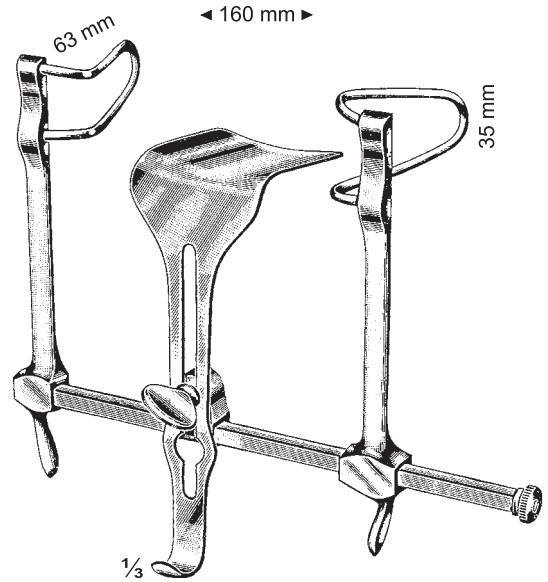
Balfour  
**407-08-12** Opening 125 mm  
**407-09-15** Opening 155 mm



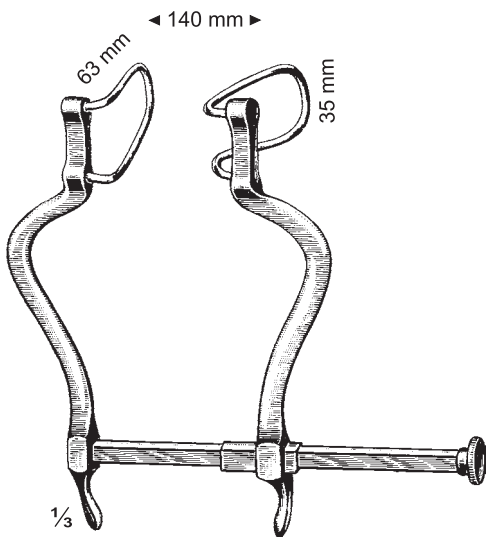
**407-10-45** 45 X 80 mm  
**407-11-70** 70 X 85 mm  
**407-12-80** 80 X 90 mm  
 28 cm / 11"  
 Center blade



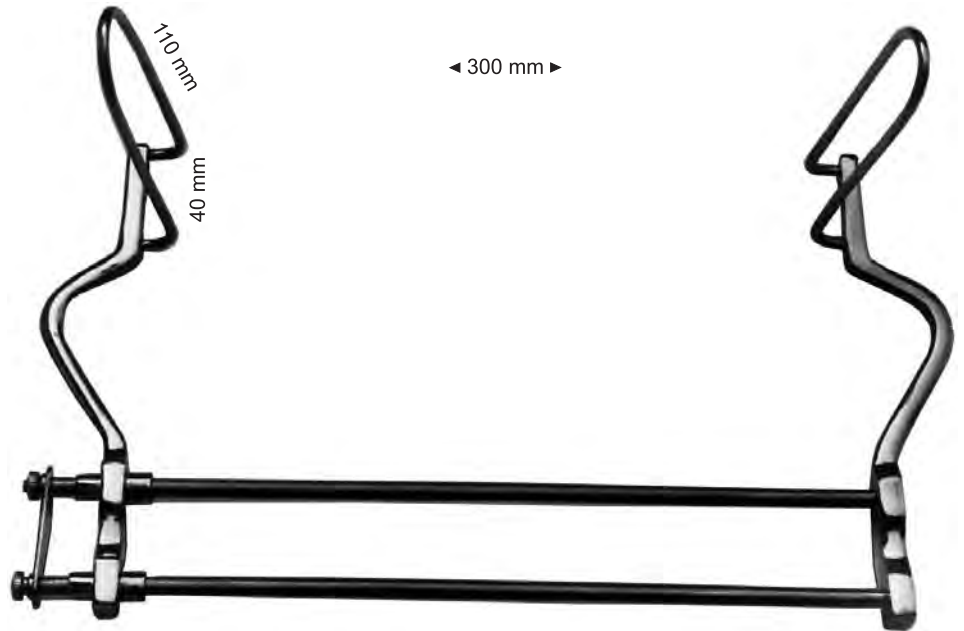
Gosset  
**408-01-10** Opening 10 cm / 4"  
**408-02-12** Opening 12 cm / 4 3/4"  
**408-03-13** Opening 13.5 cm / 5 1/4"



Gosset  
**408-04-16** Opening 16 cm / 6 1/4"  
**408-05-18** Opening 18.5 cm / 7 1/4"  
**408-06-22** Opening 22 cm / 8 3/4"



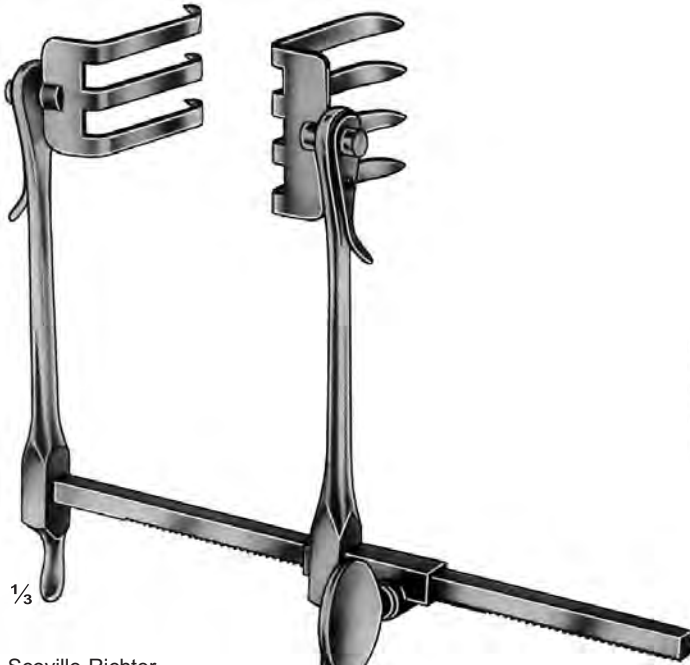
Gosset  
**408-07-14** Opening 14 cm / 5 1/2"  
**408-08-15** Opening 15 cm / 6"  
**408-09-18** Opening 18 cm / 7"



Gosset	Opening	Lateral Blades
<b>408-10-12</b>	12 cm / 4 3/4"	55 X 30 mmm
<b>408-11-16</b>	16 cm / 6 1/4"	60 X 30 mmm
<b>408-12-18</b>	18 cm / 7"	100 X 35 mmm
<b>408-13-20</b>	20 cm / 8"	100 X 35 mmm
<b>408-14-24</b>	24 cm / 9 1/2"	105 X 40 mmm
<b>408-15-30</b>	30 cm / 12"	110 X 40 mmm

Double shaft

# Bauchdeckenhalter Abdominal Retractors Ecarteurs abdominaux



1/3

Scoville-Richter

409-01-17 Opening 17 cm / 6 3/4"

409-02-21 Opening 21 cm / 8 1/4"

409-03-23 Opening 23 cm / 9"

409-04-26 Opening 26 cm / 10 1/4"

With lateral blades 409-05-35 to 409-09-62



409-05-35  
35 X 60 mm



409-06-50  
50 X 60 mm



409-07-40  
40 X 28 mm



409-08-50  
50 X 48 mm

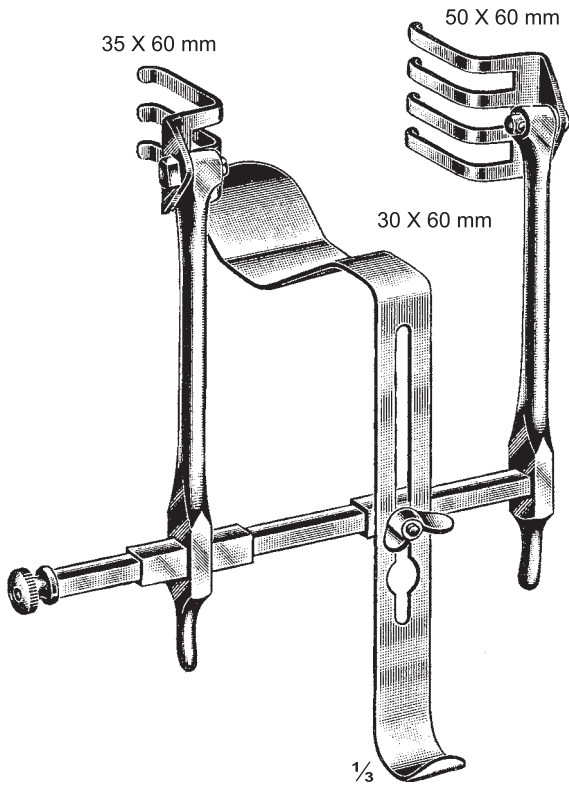


409-09-62  
62 X 38 mm

35 X 60 mm

50 X 60 mm

30 X 60 mm



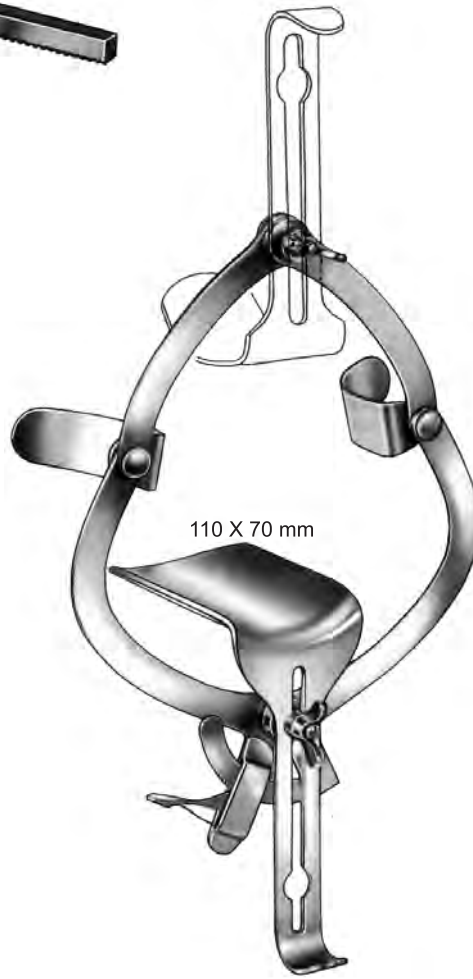
1/3

Ulrich-St. Gallen

409-10-16 Opening 16 cm / 6 1/4"

409-11-18 Opening 18 cm / 7"

409-12-21 Opening 21 cm / 8 1/4"



110 X 70 mm

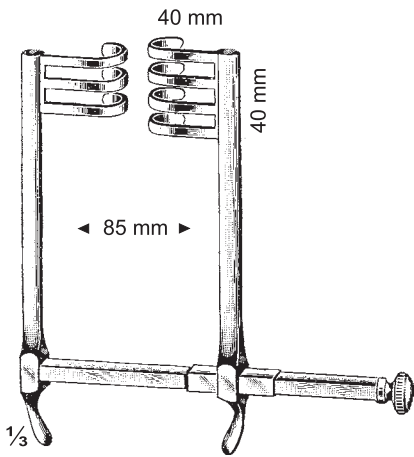
80 X 45 mm

80 X 45 mm

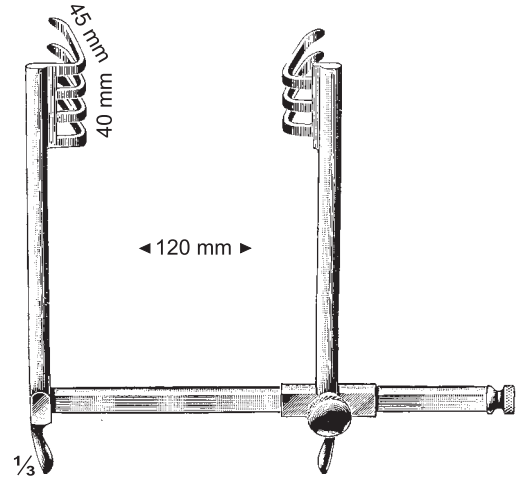
O'Sullivan-O'Conner

409-13-03

With three blades

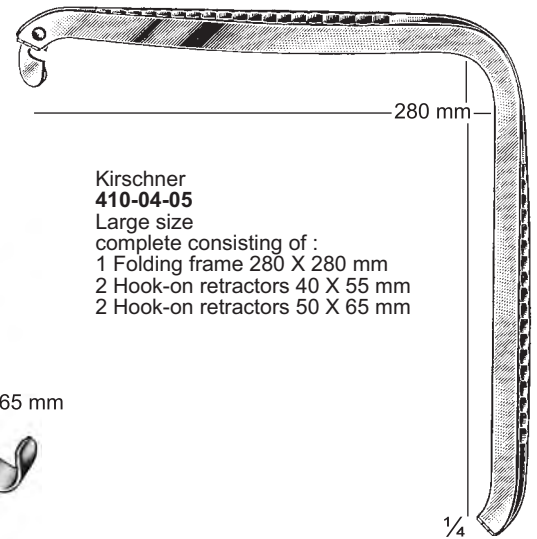
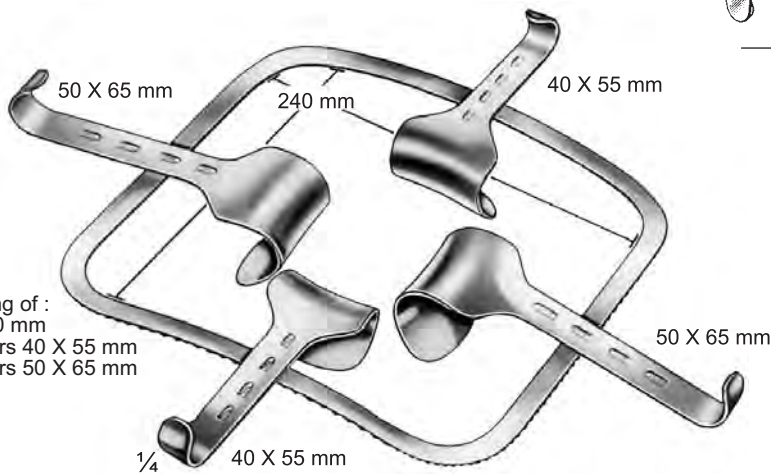


Frazier  
**410-01-08**  
Opening 8.5 cm / 3¼"



Temple Fay  
**410-02-12**  
Opening 12 cm / 4¾"

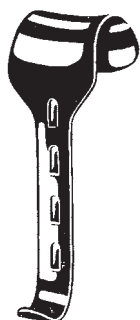
Kirschner  
**410-03-05**  
Complete consisting of :  
1 Frame 240 X 240 mm  
2 Hook-on retractors 40 X 55 mm  
2 Hook-on retractors 50 X 65 mm



Kirschner  
**410-04-05**  
Large size  
complete consisting of :  
1 Folding frame 280 X 280 mm  
2 Hook-on retractors 40 X 55 mm  
2 Hook-on retractors 50 X 65 mm



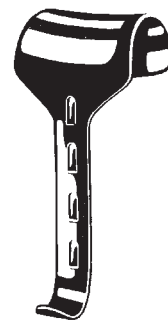
**410-05-40**  
40 X 55 mm



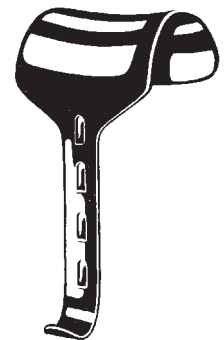
**410-06-50**  
50 X 65 mm



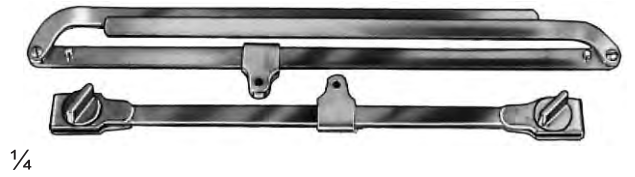
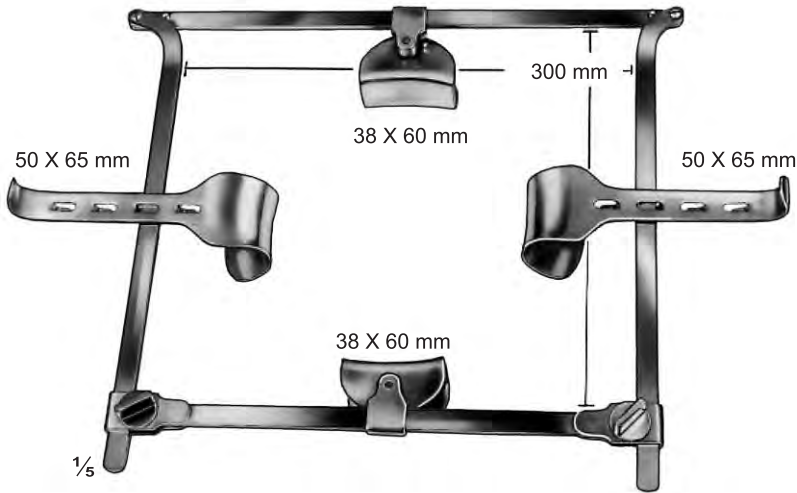
**410-07-60**  
60 X 85 mm



**410-08-78**  
78 X 65 mm

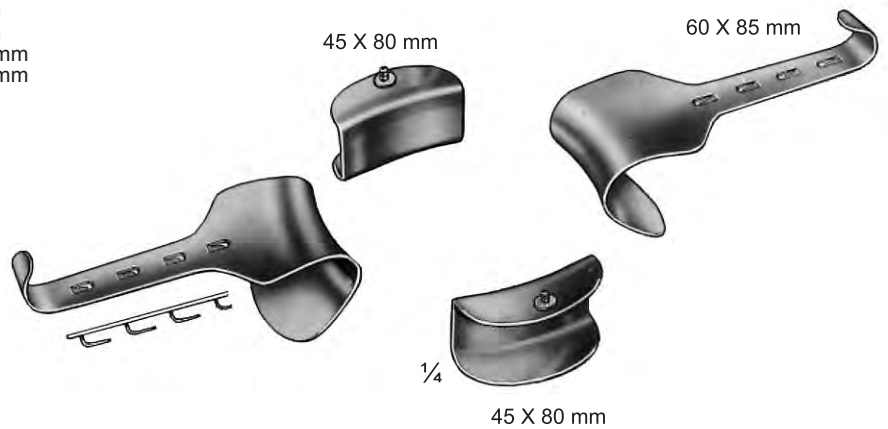


**410-09-80**  
80 X 90 mm



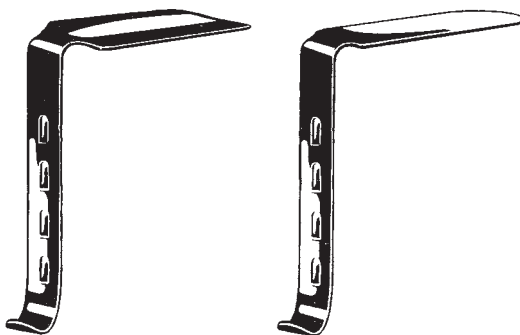
**411-03-30**  
Folding frame 300 X 300 mm

- Franz**  
**411-01-05**  
Complete consisting of :  
1 Folding frame 300 X 300 mm  
2 Hook-on retractors 50 X 65 mm  
2 Exchangeable blades 38 X 60 mm
- 411-02-09**  
Complete consisting of :  
1 Folding frame 300 X 300 mm  
2 Hook-on retractors 50 X 65 mm  
2 Hook-on retractors 60 X 85 mm  
2 Exchangeable blades 38 X 60 mm  
2 Exchangeable blades 45 X 80 mm



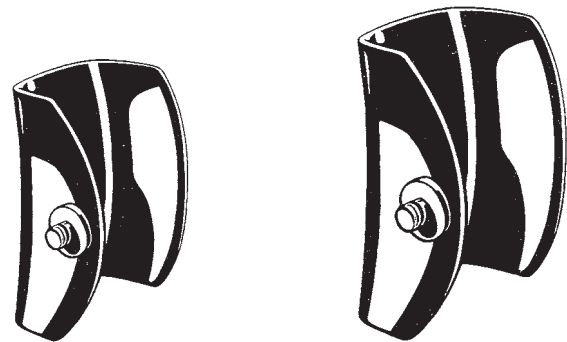
Hook-on retractors for 411-01-05 & 411-02-09

Exchangeable blades for 411-01-05 & 411-02-09



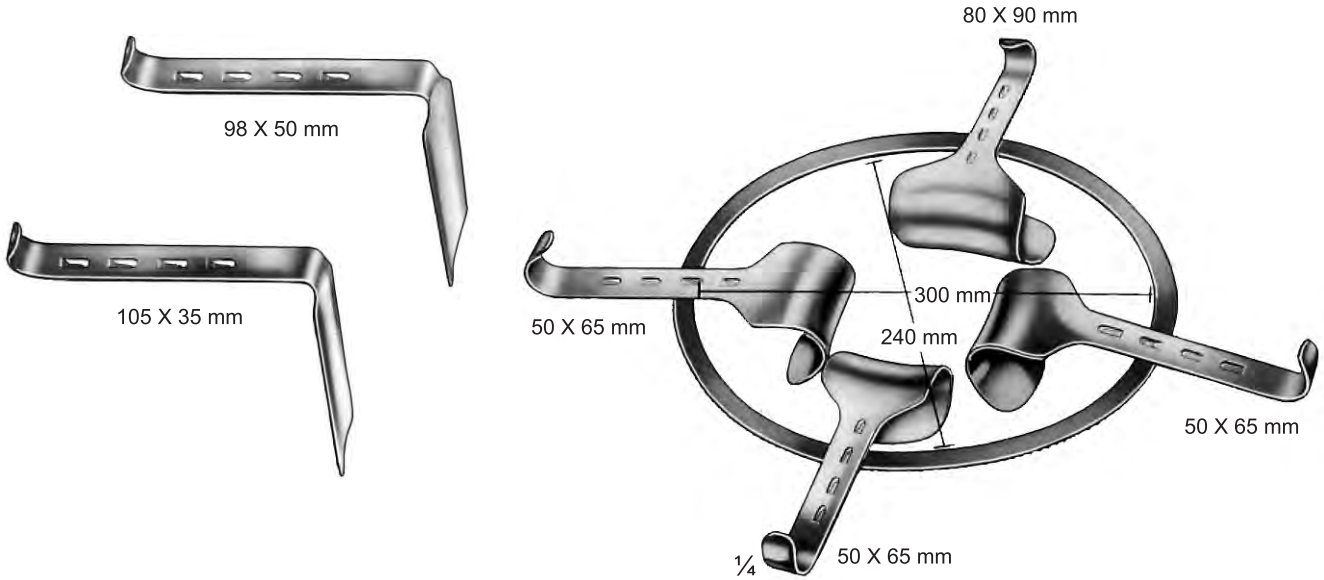
**411-05-98**  
98 X 35 mm

**411-06-105**  
105 X 35 mm

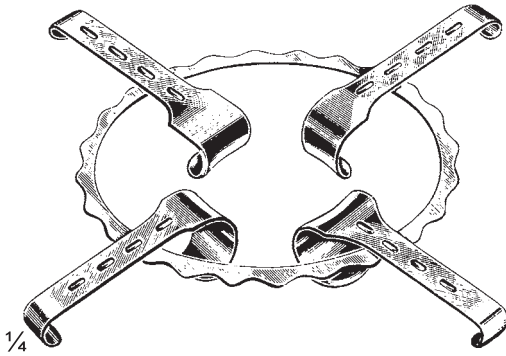


**411-07-38**  
38 X 60 mm

**411-08-45**  
45 X 80 mm



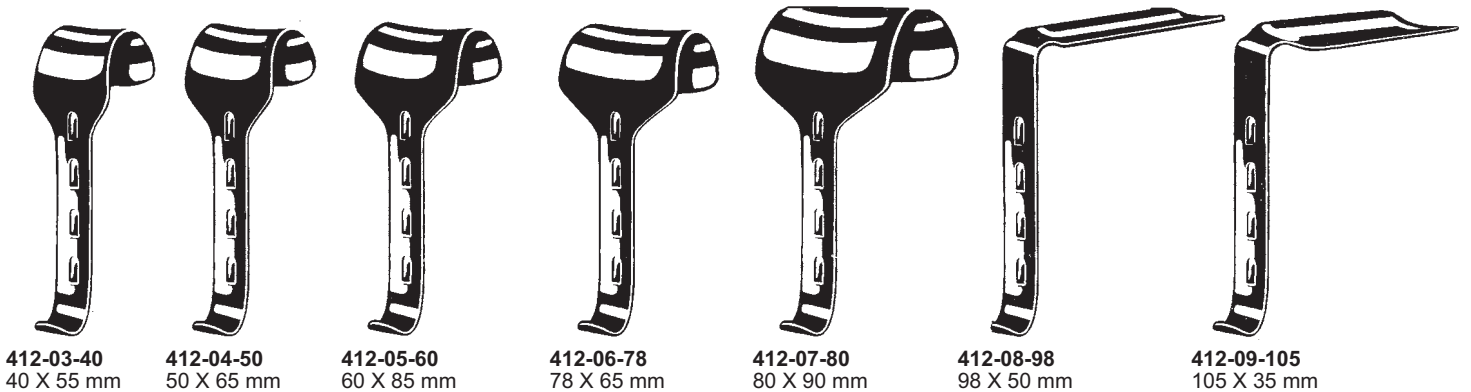
Kirschner (Semm), oval  
**412-01-07**  
Complete consisting of :  
1 Frame 300 X 240 mm  
3 Hook-on retractors 50 X 65 mm  
1 Hook-on retractor 80 X 90 mm  
1 Hook-on retractor 98 X 50 mm  
1 Hook-on retractor 105 X 35 mm



Denis-Browne  
**412-02-05**  
Complete consisting of :  
1 Frame 175 X 150 mm  
2 Hook-on retractors 40 X 30 mm  
2 Hook-on retractor 40 X 40 mm

Hook-on retractors for 412-01-07

Hook-on retractors for 412-01-07,  
Intestinal and bladder



**412-03-40**  
40 X 55 mm

**412-04-50**  
50 X 65 mm

**412-05-60**  
60 X 85 mm

**412-06-78**  
78 X 65 mm

**412-07-80**  
80 X 90 mm

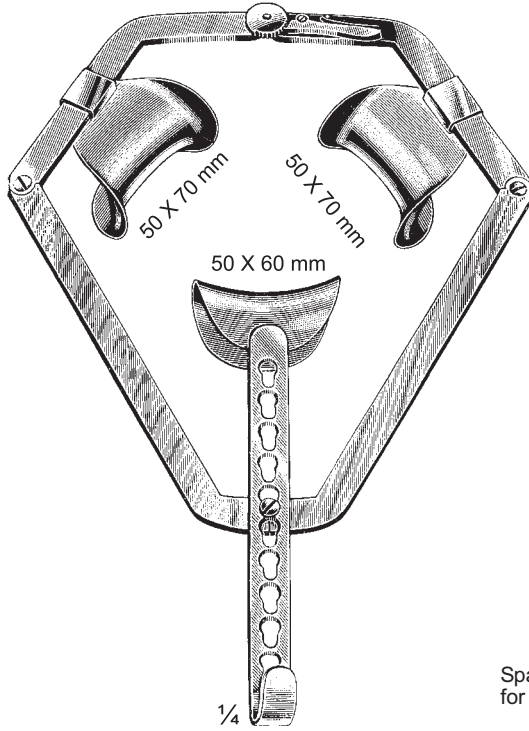
**412-08-98**  
98 X 50 mm

**412-09-105**  
105 X 35 mm



1/2

**413-01-85**  
85 cm / 34"  
Chain only  
**413-02-250** 250 grs Weight only  
**413-03-400** 400 grs Weight only



1/4

**413-04-04**  
Complete consisting of :  
1 Frame 240 X 240 mm  
1 Hook-on retractor 50 X 60 mm  
2 Blades 50 X 70 mm



1/4

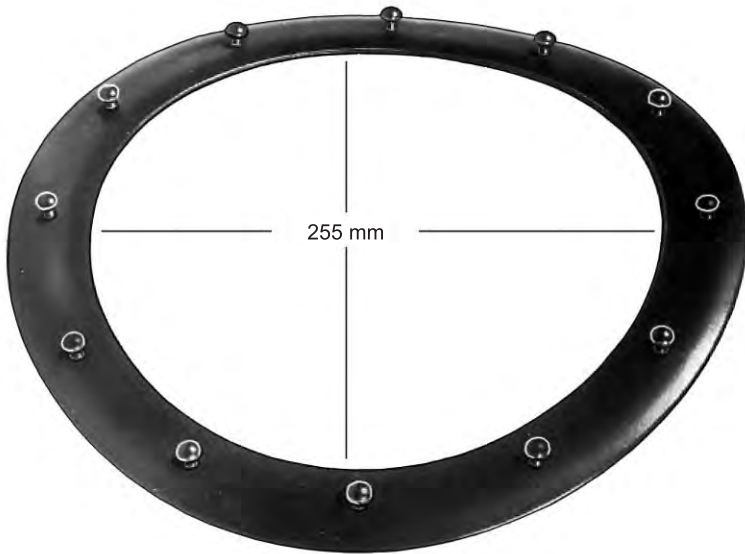
**413-08-00**  
Spare button  
for 413-05-17

Spare blades  
for 413-05-17



1/2

**413-07-75**  
75 X 65 mm



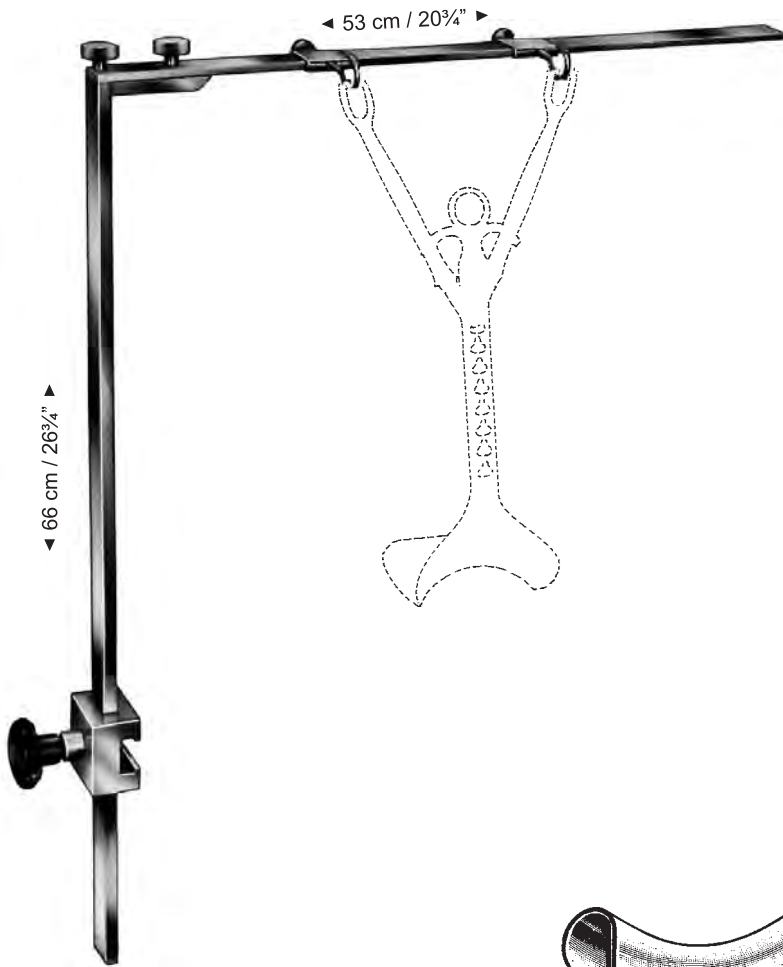
255 mm

**413-05-17**  
Complete consisting of :  
1 Frame 255 X 255 mm  
4 Blades 50 X 65 mm  
12 Buttons

1/2

**413-06-50**  
50 X 65 mm



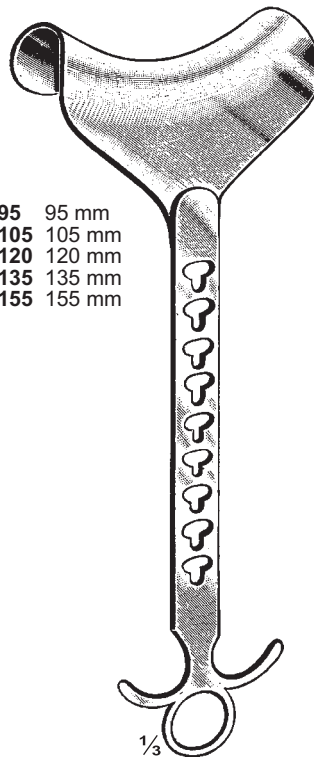


**414-01-66**  
 Mounting frame for fastening of 414-02-19 & 414-03-95 to the lateral bars of the operating tables, can be dismantled for sterilization.



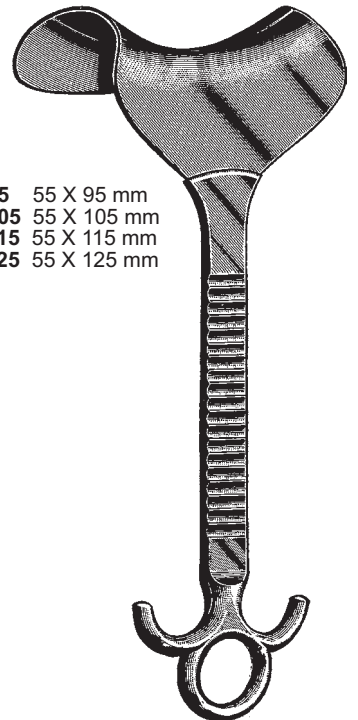
Rochard  
**414-02-19**  
 Fixation device for  
 414-03 to 414-07

- 414-03-95** 95 mm
- 414-04-105** 105 mm
- 414-05-120** 120 mm
- 414-06-135** 135 mm
- 414-07-155** 155 mm

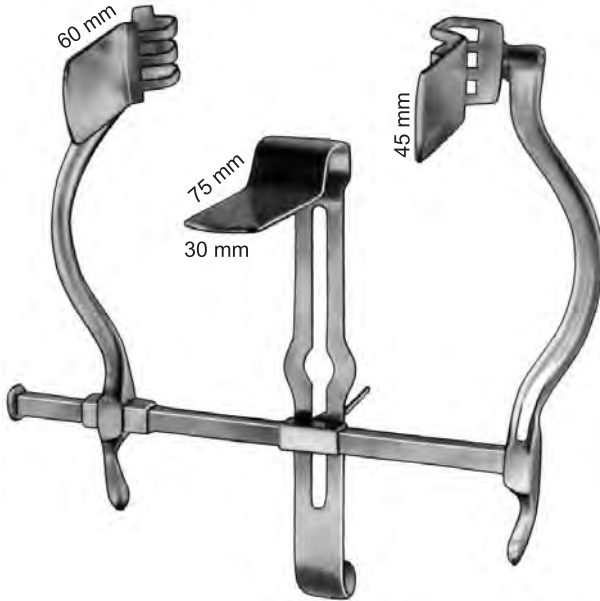


Rochard  
**414-03-95 To 414-07-155**  
 27 cm / 10 1/2"

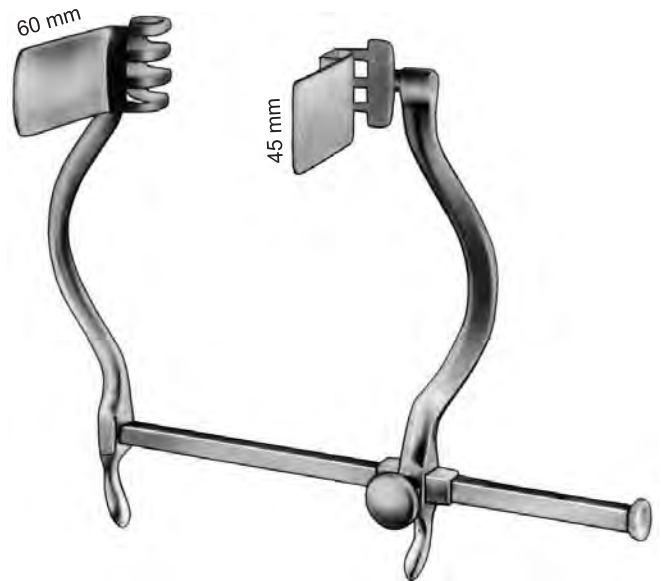
- 414-08-95** 55 X 95 mm
- 414-09-105** 55 X 105 mm
- 414-10-115** 55 X 115 mm
- 414-11-125** 55 X 125 mm



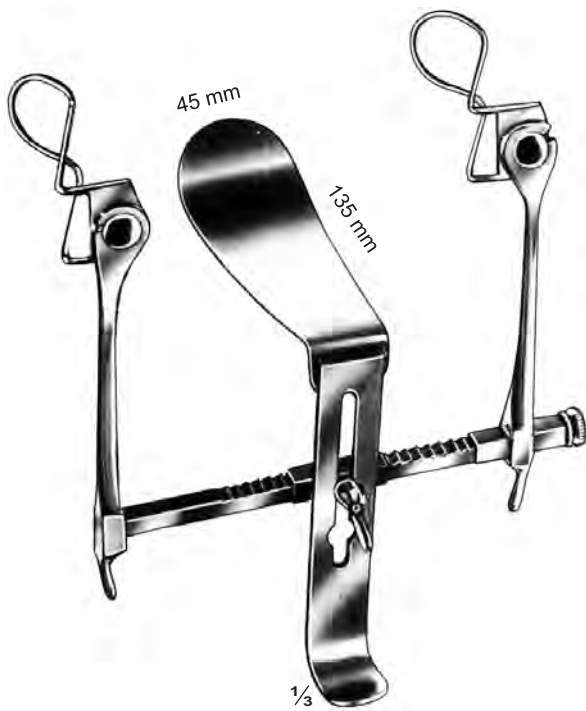
Doyen  
**414-08-95 To 414-11-125**  
 28 cm / 11"



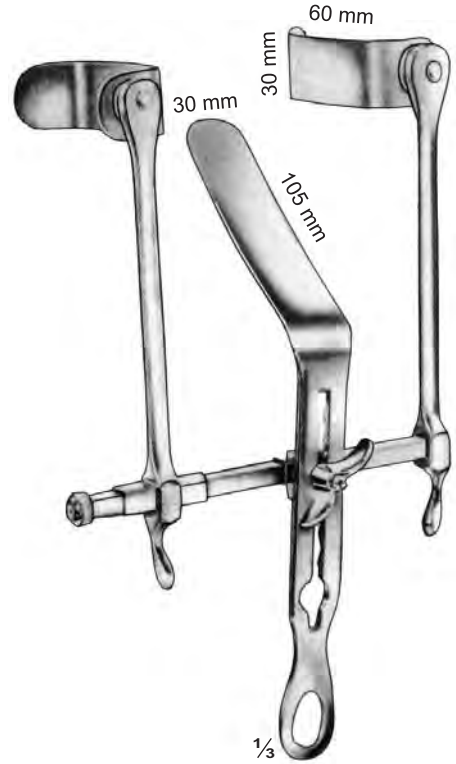
Judd-Masson  
**415-01-11** Opening 11 cm / 4¼"  
**415-02-16** Opening 16.5 cm / 6½"  
**415-03-18** Opening 18 cm / 7"  
**415-04-21** Opening 21 cm / 8¼"



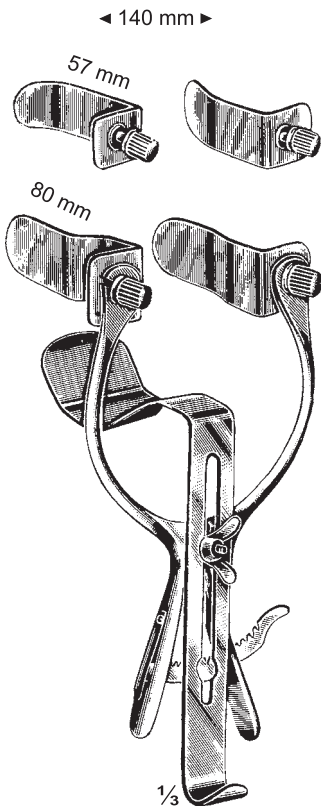
Judd-Masson  
**415-05-11** Opening 11 cm / 4¼"  
**415-06-16** Opening 16.5 cm / 6½"  
**415-07-18** Opening 18 cm / 7"  
**415-08-21** Opening 21 cm / 8¼"



Jacobson  
**415-09-03**  
 2 Lateral blades 30 X 75 mm  
 1 Central blade 45 X 90 mm  
**415-10-03**  
 2 Lateral blades 45 X 130 mm  
 1 Central blade 45 X 135 mm



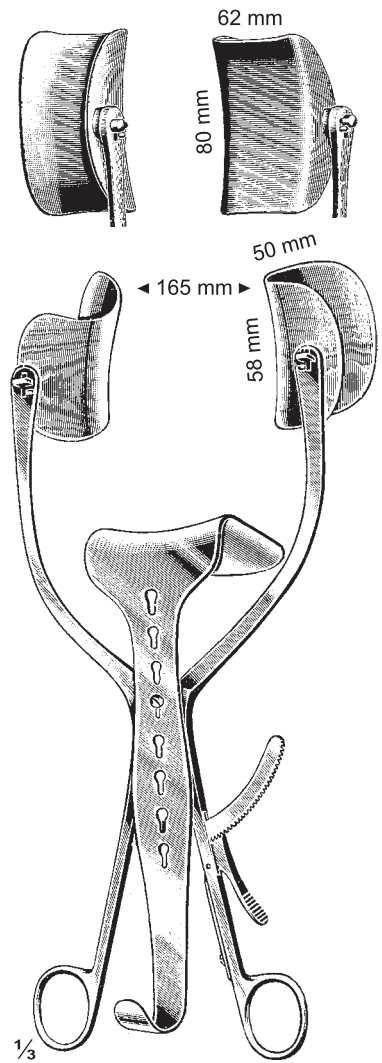
Thomsan-Walker  
**415-11-12** Opening 12 cm / 4¾"  
**415-12-14** Opening 14.5 cm / 5¾"



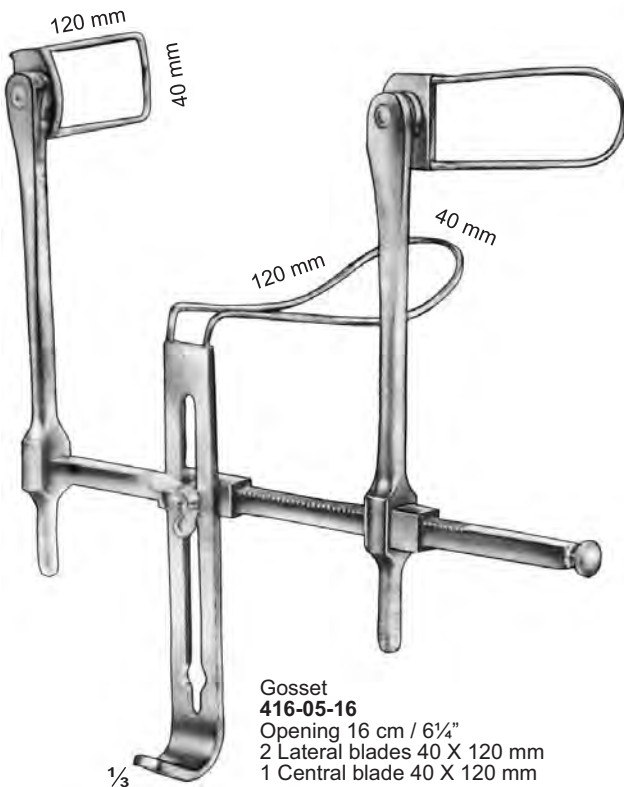
Millin  
**416-01-14**  
 19.5 cm / 7<sup>3</sup>/<sub>4</sub>"  
 2 pairs of lateral blades  
 and 1 central blade



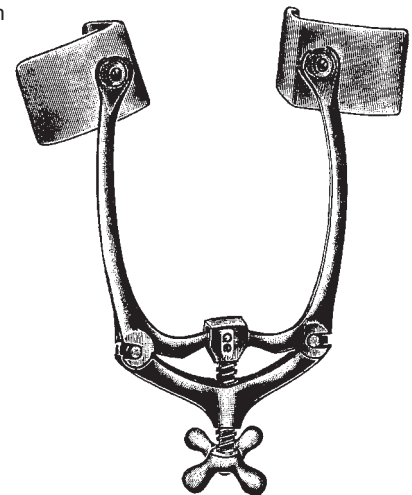
Millin  
**416-02-18**  
 18 cm / 7"  
 2 Lateral blades 57 X 25 mm  
 2 Lateral blades 80 X 25 mm  
 1 Central blade 110 X 45 mm



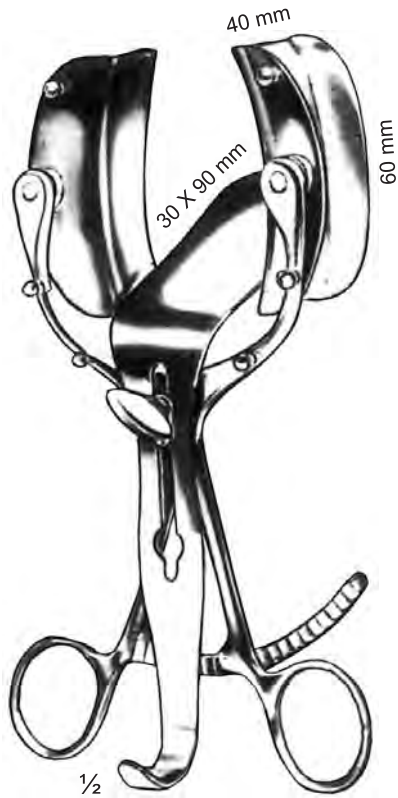
Collin  
**416-03-16** Lateral blades 50 X 58 mm Central blade 62 X 67 mm  
**416-04-16** 62 X 80 mm 62 X 80 mm  
 30 cm / 12"



Gosset  
**416-05-16**  
 Opening 16 cm / 6<sup>1</sup>/<sub>4</sub>"  
 2 Lateral blades 40 X 120 mm  
 1 Central blade 40 X 120 mm



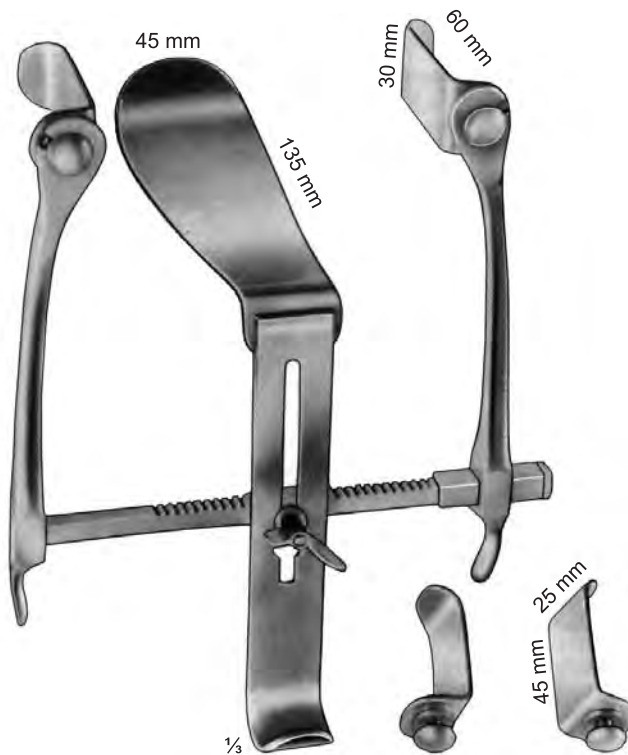
Quervain  
**416-06-24**  
 24 cm / 9<sup>1</sup>/<sub>2</sub>"  
 Lateral blades 50 X 50 mm



Legueu  
**417-01-18**  
 18 cm / 7"



Millan  
**417-03-26**  
 26 cm / 10 1/4"  
 Meatus clamp  
 (Bladder neck spreader)



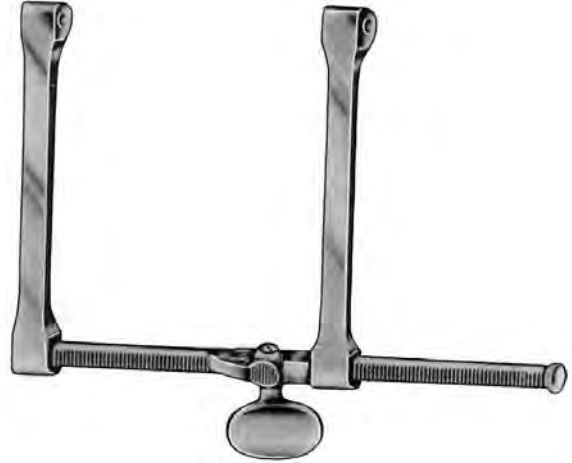
Millan-Bacon  
**417-02-15**  
 Opening 15 cm / 6"  
 2 Lateral blades 45 X 25 mm  
 2 Lateral blades 60 X 30 mm  
 1 Central blade 135 X 45 mm



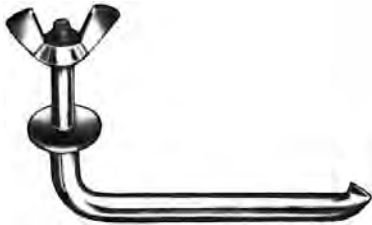
## Laminektomiesperrer Laminectomy Retractors Ecarteurs pour laminectomie



Scoville-Haverfield  
**419-01-15**  
Opening 15 cm / 6"



Scoville  
**419-02-15**  
Opening 15 cm / 6"



Scoville  
**419-03-50** 50 mm  
**419-04-75** 75 mm



Scoville  
**419-05-38** 38 mm  
**419-06-50** 50 mm  
**419-07-70** 70 mm

419-05-38 To 419-35-100 accessories  
for 419-01-15 & 419-02-15



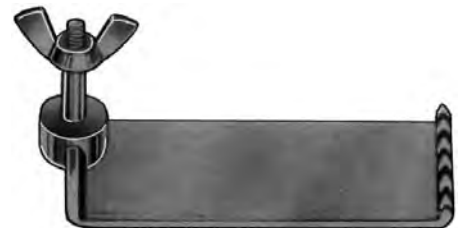
Scoville  
**419-08-40** 40 X 38 mm  
**419-09-67** 67 X 44 mm



Taylor  
**419-10-44** 44 X 38 mm



Taylor  
**419-11-48** 48 X 50 mm  
**419-12-64** 64 X 64 mm  
**419-13-80** 80 X 57 mm



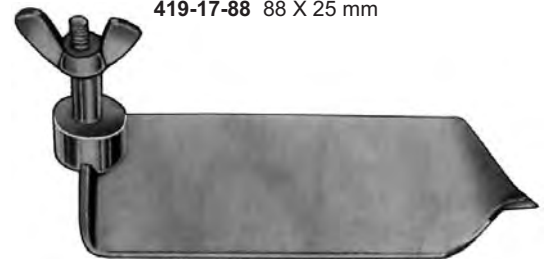
Scoville  
**419-14-64** 64 X 25 mm  
**419-15-64** 64 X 50 mm  
**419-16-67** 67 X 28 mm  
**419-17-88** 88 X 25 mm



Hibbs  
**419-18-50** 50 X 19 mm  
**419-19-50** 50 X 25 mm  
**419-20-50** 50 X 50 mm  
**419-21-64** 64 X 25 mm  
**419-22-64** 64 X 38 mm  
**419-23-75** 75 X 25 mm  
**419-24-75** 75 X 38 mm  
**419-25-75** 75 X 50 mm  
**419-26-100** 100 X 25 mm  
**419-27-100** 100 X 50 mm



Meyerding  
**419-28-50** 50 X 25 mm  
**419-29-57** 57 X 25 mm  
**419-30-70** 70 X 25 mm  
**419-31-75** 75 X 25 mm  
**419-32-83** 83 X 25 mm  
**419-33-88** 88 X 50 mm



Taylor  
**419-34-75** 75 X 32 mm  
**419-35-100** 100 X 42 mm



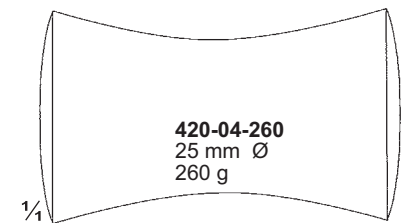
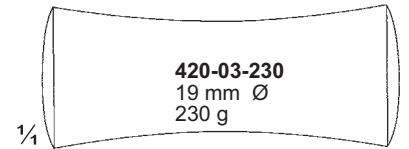
**420-01-140**  
16.5 cm / 6 1/2"



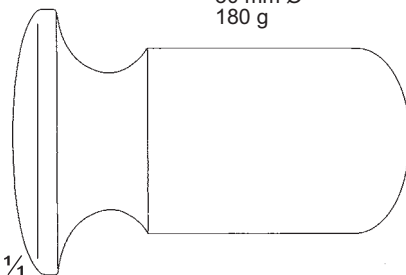
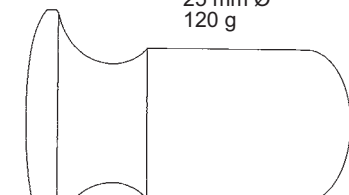
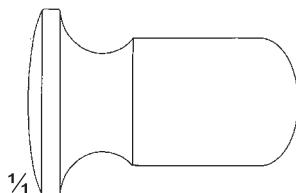
Mead  
**420-02-320**  
17 cm / 6 3/4"



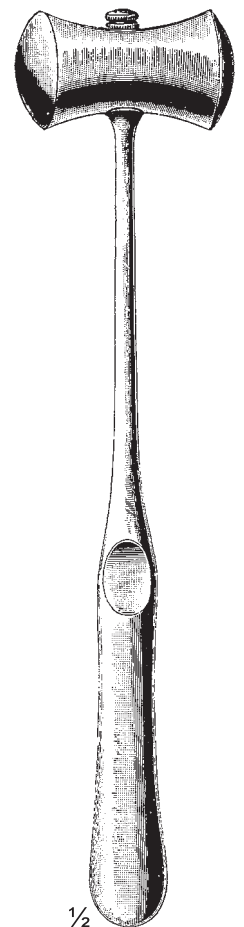
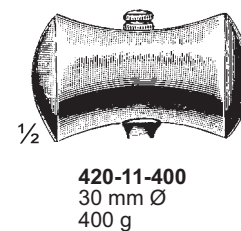
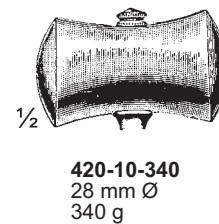
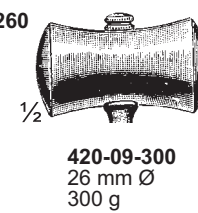
Lucae  
**420-03-230 & 420-04-260**  
19 cm / 7 1/2"



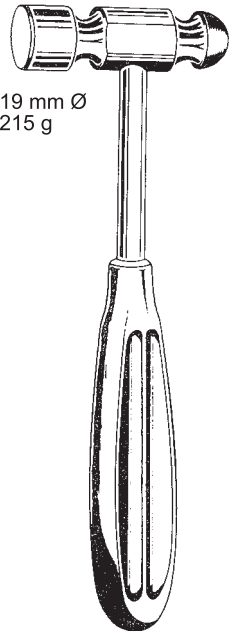
Doyen  
**420-05-120 To 420-07-260**  
21 cm / 8 1/4"



Hajek  
**420-08-140**  
21.5 cm / 8 1/2"

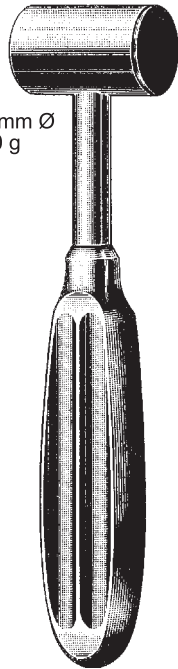


Williger  
**420-09-300 To 420-11-400**  
24 cm / 9 1/2"



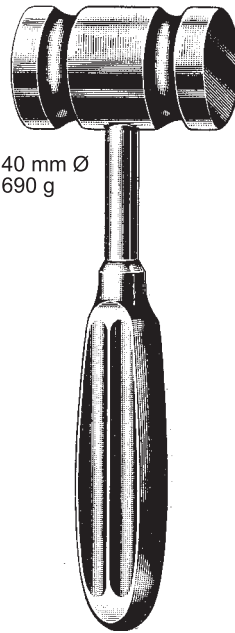
19 mm Ø  
215 g

**421-01-215**  
19 cm / 7½"



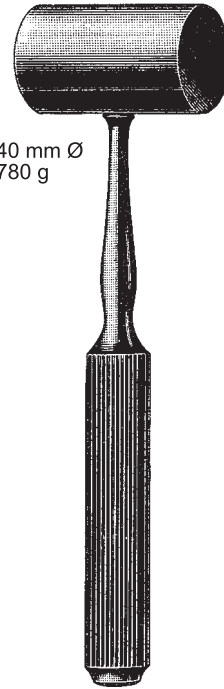
30 mm Ø  
400 g

Gerzog  
**421-02-400**  
18 cm / 7"



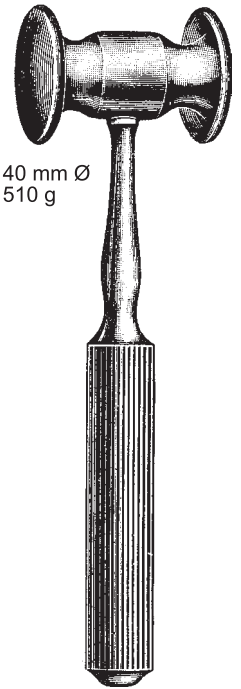
40 mm Ø  
690 g

Kirk  
**421-03-690**  
19.5 cm / 7¾"



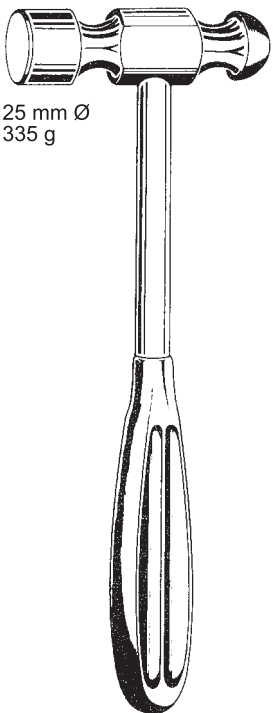
40 mm Ø  
780 g

Ombredanne  
**421-04-780**  
23 cm / 9"



40 mm Ø  
510 g

Bergmann (Hibbs)  
**421-05-510**  
23 cm / 9"



25 mm Ø  
335 g

**421-06-335**  
23 cm / 9"



30 mm Ø  
240 g  
1 Side flat  
1 Side convex

½  
Cottle  
**421-07-240**  
18.5 cm / 7¼"



300 g

½  
Bergmann  
**421-08-300**  
24 cm / 9½"



300 g

½  
Bergmann  
**421-09-300**  
24 cm / 9½"





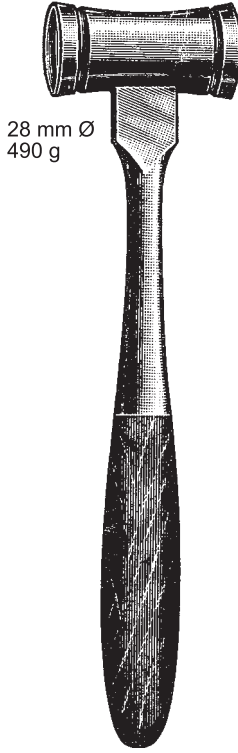
25 mm Ø  
200 g

**422-01-200**  
18.5 cm / 7¼"



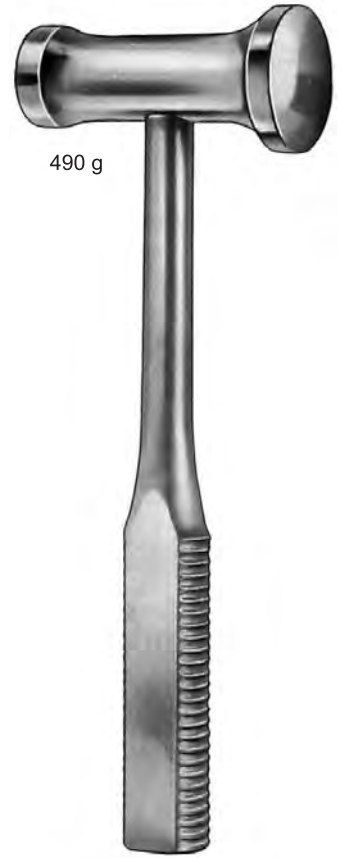
42 mm Ø  
530 g

**422-02-530**  
24 cm / 9½"



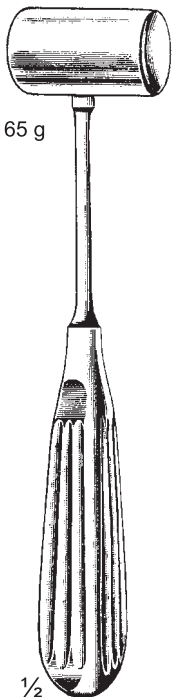
28 mm Ø  
490 g

**422-03-490**  
23 cm / 9"



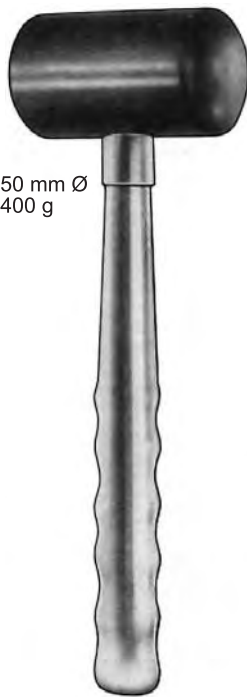
490 g

**422-04-490**  
24 cm / 9½"



165 g

½  
**422-05-165**  
19 cm / 7½"



50 mm Ø  
400 g

**422-06-400**  
26 cm / 10¼"



30 mm Ø  
215 g

**422-07-215**  
24 cm / 9½"



30 mm Ø  
220 g

½  
Collin  
**422-08-220**  
20 cm / 8"



Steinbach  
423-01-400  
24 cm / 9 1/2"



423-02-350 & 423-03-500  
23 cm / 9"



423-04-510  
26.5 cm / 10 1/2"



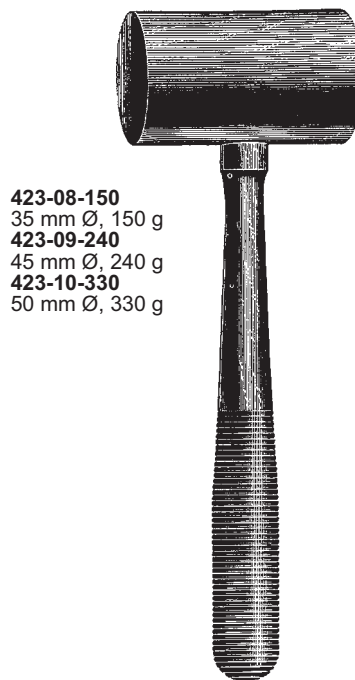
423-05-26  
26.5 cm / 10 1/2"  
Repercussion free



Heath  
423-06-800  
18 cm / 7"

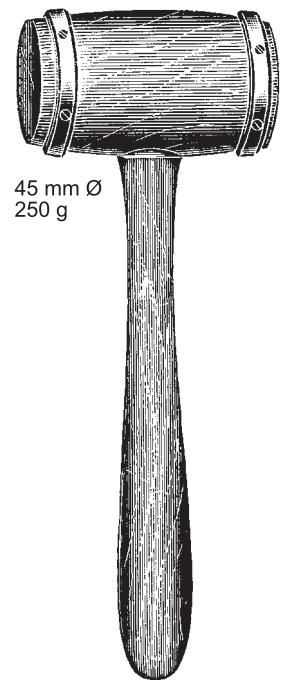


Partsch  
423-07-200  
18 cm / 7"



423-08-150  
35 mm Ø, 150 g  
423-09-240  
45 mm Ø, 240 g  
423-10-330  
50 mm Ø, 330 g

423-08-150 To 423-10-330  
26 cm / 10 1/4"



423-11-250  
23 cm / 9"



42 mm Ø  
400 g

1/2

**424-01-400**  
26 cm / 10 1/4"



42 mm Ø  
250 g  
400 g

1/2

**424-02-26**  
26 cm / 10 1/4"



30 mm Ø  
125 g

**424-07-125**  
18 cm / 7"



30 mm Ø  
215 g

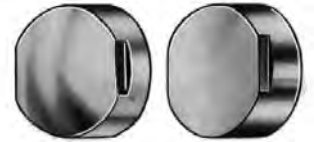
**424-08-215**  
24.5 cm / 9 3/4"



35 mm Ø  
Without disks  
130 g

1/2

Wagner  
**424-03-360**  
Complete with  
1 pair of metal disks  
**424-04-360**  
Complete with  
1 pair of metal disks  
1 wrench  
23.5 cm / 9 1/4"



**424-05-230** 230 g  
Spare metal disks  
for 424-03-360 & 424-04-360  
1 metal disk flat  
1 metal disk convex



**424-06-00**  
Wrench



42 mm Ø  
530 g

30 mm Ø

**424-09-530**  
26.5 cm / 10 1/2"



30 mm Ø  
480 g

1/2

**425-01-480**  
24 cm / 9½"



37 mm Ø  
370 g

1/2

**425-02-370**  
23 cm / 9"



450 g

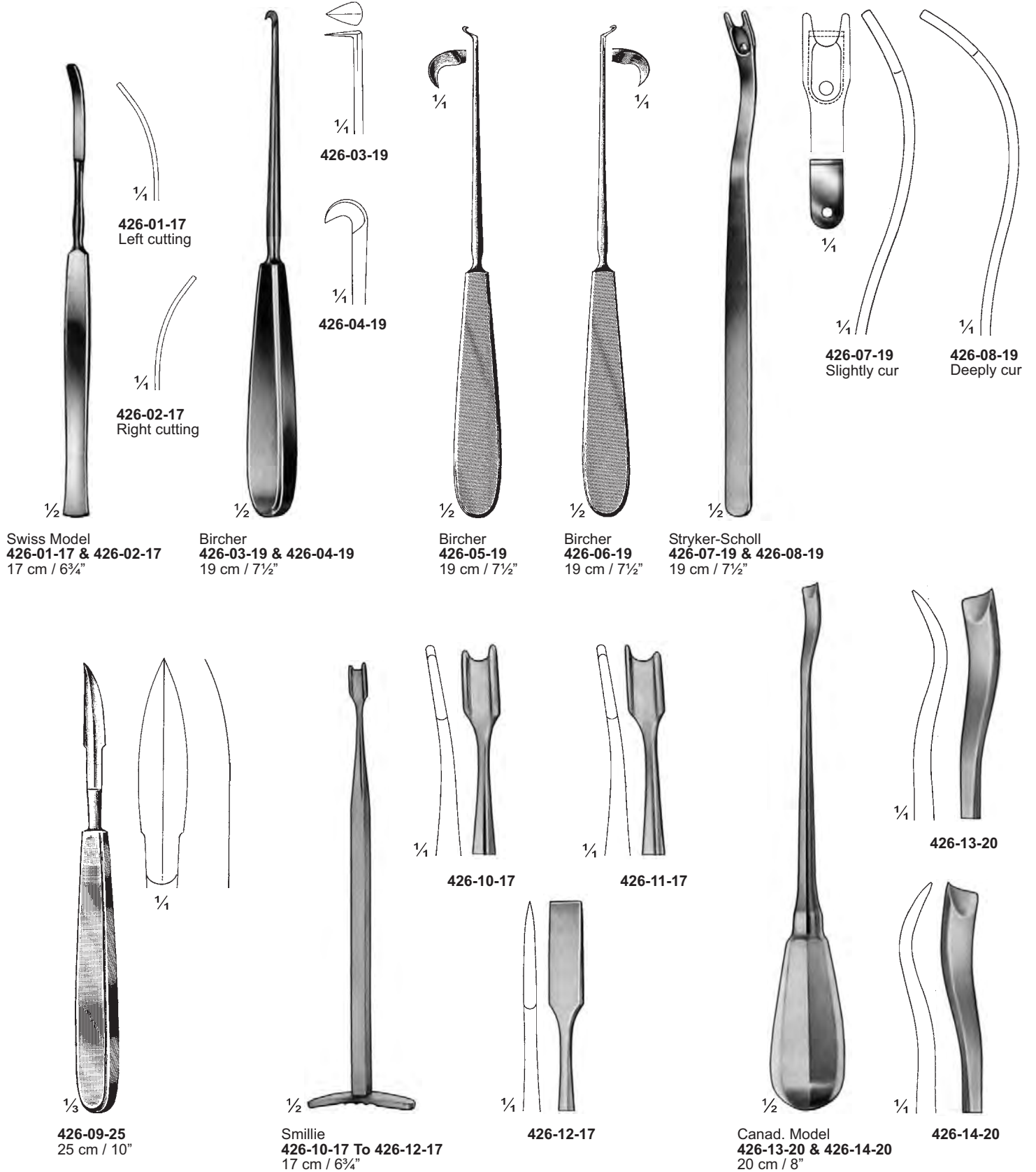
**425-03-450**  
26.5 cm / 10½"



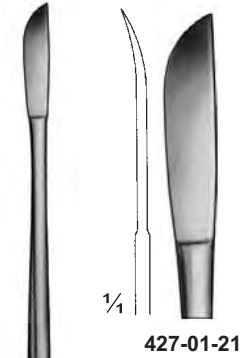
900 g

**425-04-900**  
26.5 cm / 10½"

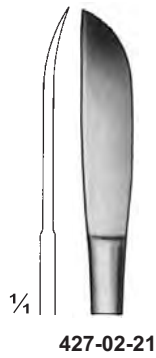
# Meniskotome, Meniskusmesser Meniscectomy Knives Bistouris à ménisque



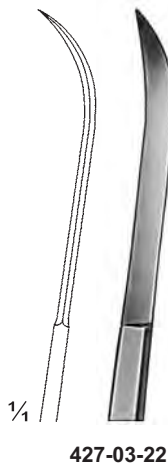
**Meniskotome, Meniskusmesser  
Meniscectomy Knives  
Bistouris à ménisque**



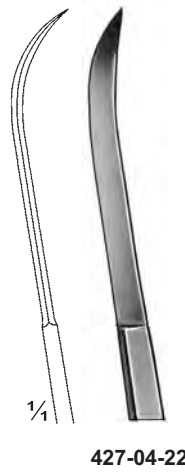
1/4  
427-01-21



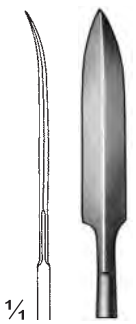
1/4  
427-02-21



1/4  
427-03-22



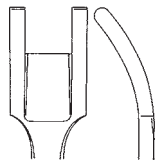
1/4  
427-04-22



1/4

1/2

Neff  
427-01-21 & 427-02-21  
21.5 cm / 8 1/2"



Lowe-Breck  
427-06-25

1/2

Salenius  
427-03-22 & 427-04-22  
22 cm / 8 3/4"

1/2

Wagner  
427-05-21  
21.5 cm / 8 1/2"

1/2

427-06-25 & 427-07-25  
25 cm / 10"

1/4

Downing  
427-07-25

1/4

1/2

427-08-25 & 427-09-25  
25 cm / 10"

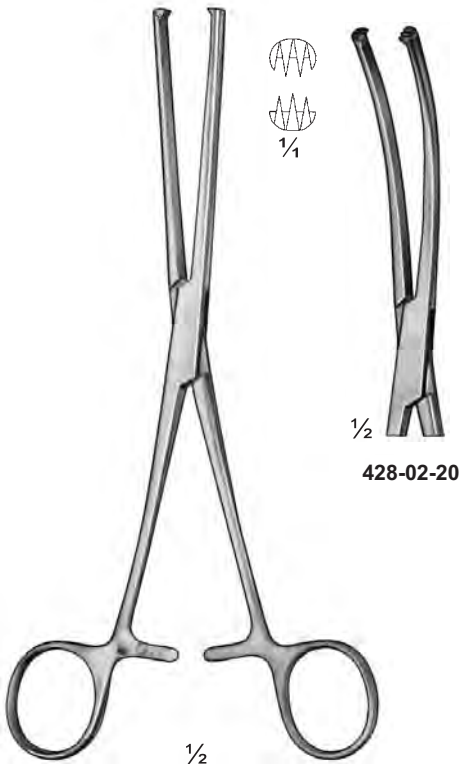
1/4

Lowe-Breck  
427-08-25

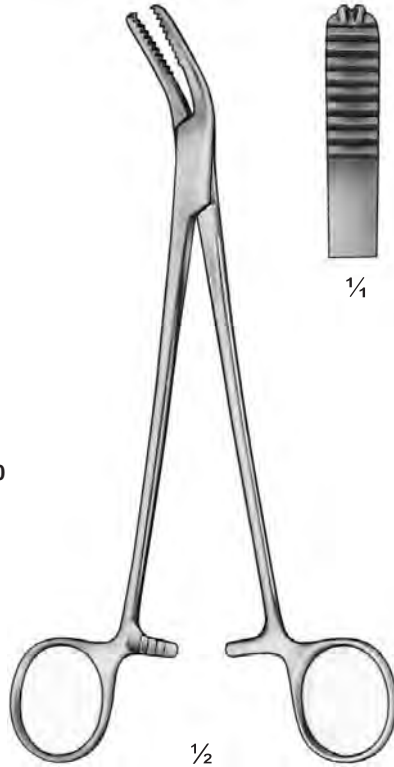
1/4

Downing  
427-09-25

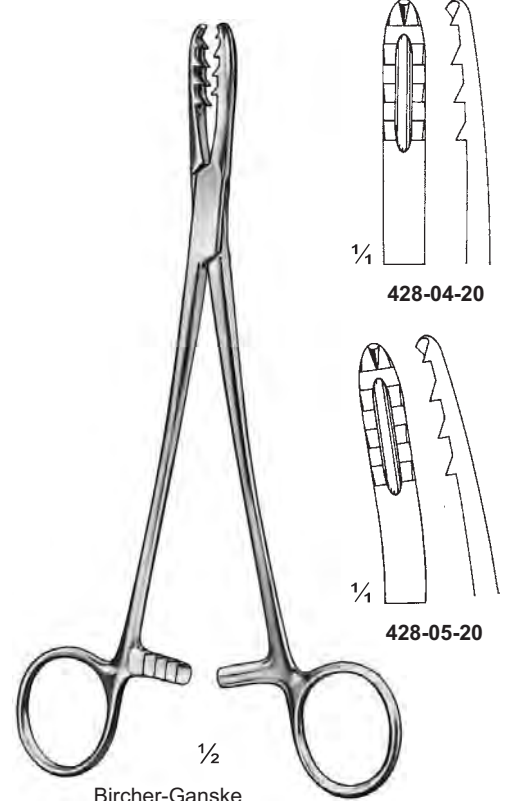
**Knorpelfasszangen  
Cartilage Seizing Forceps  
Pinces à cartilage**



Bircher  
428-01-20 Str  
428-02-20 Cur  
20 cm / 8"  
3 X 4 Teeth



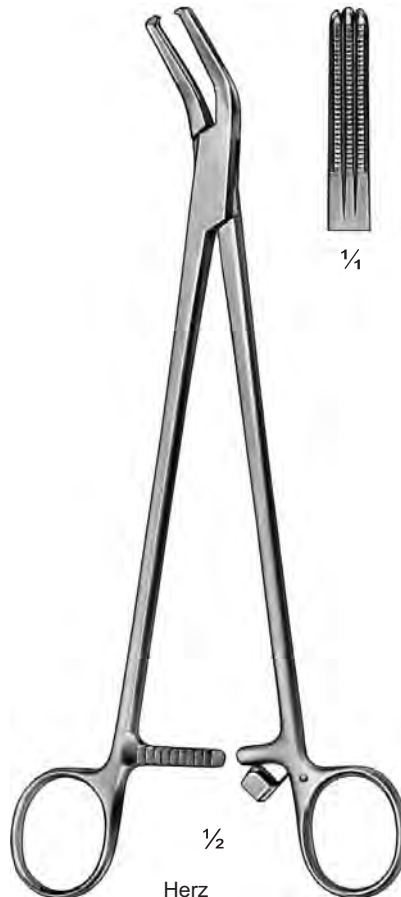
Weller  
428-03-20  
20 cm / 8"



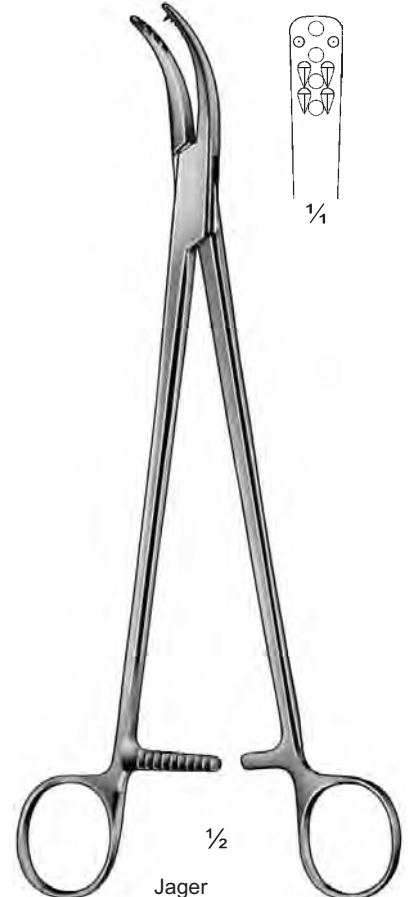
Bircher-Ganske  
428-04-20 & 428-05-20  
20 cm / 8"



428-06-20  
20 cm / 8"



Herz  
428-07-23  
23 cm / 9"

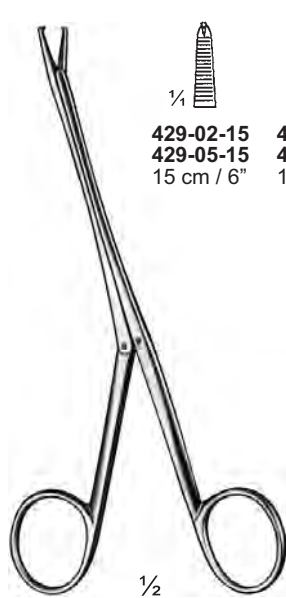


Jager  
428-08-23  
23.5 cm / 9 1/4"

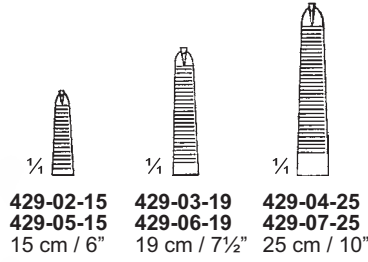
# Sehnenfazzangen Tendon Seizing Instruments Pinces pour saisir les tendons



**Steinmann**  
**429-01-16**  
16 cm / 6 1/4"



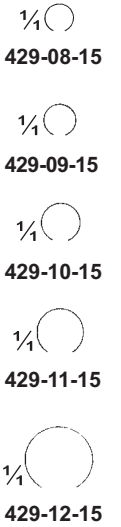
**Brand**  
**429-02-15 To 429-04-25**  
1 X 2 Teeth



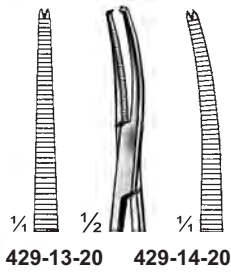
**Brand**  
**429-05-15 To 429-07-25**  
1 X 2 Teeth



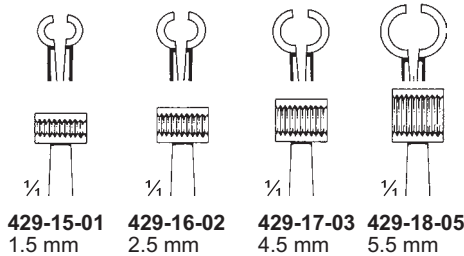
**Bunnell**  
**429-08-15 To 429-12-15**  
15 cm / 6"



**429-13-20 & 429-14-20**  
20 cm / 8"  
1 X 2 Teeth



**429-15-01 To 429-18-05**  
10 cm / 4"



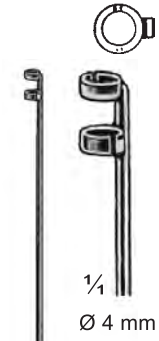
**429-19-04 To 429-21-05**  
23 cm / 9"



**429-22-04 To 429-24-05**  
23 cm / 9"



# Sehnenfazzangen Tendon Seizing Instruments Pinces pour saisir les tendons



Fischer  
430-01-31  
31 cm / 12¼"



Brand  
430-02-30 & 430-03-50



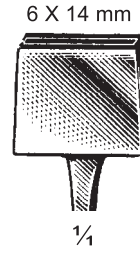
¼  
430-02-30  
30 cm / 12"  
Ø 3 mm



¼  
430-03-50  
50 cm / 20"  
Ø 6 mm

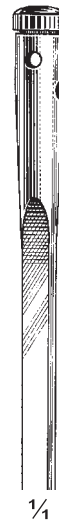


Brand  
430-04-50  
50 cm / 20"



6 X 14 mm

¼



430-05-34  
34 cm / 13½"



¼  
Ø 7 mm

½  
Fischer  
430-06-31  
31 cm / 12¼"

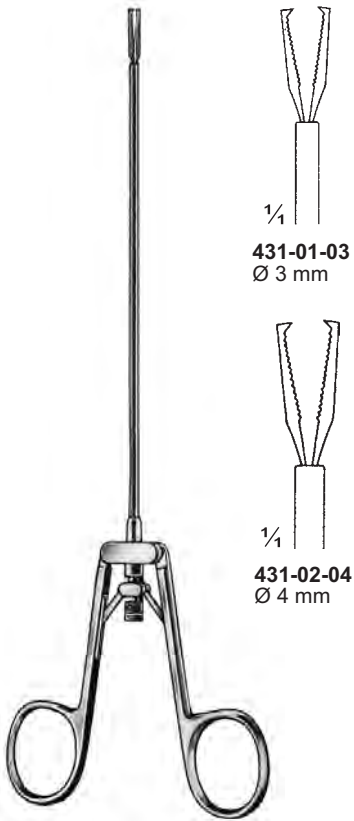


½  
430-07-28  
28.5 cm / 11¼"



½  
Bunnell  
430-08-33  
33.5 cm / 13¼"





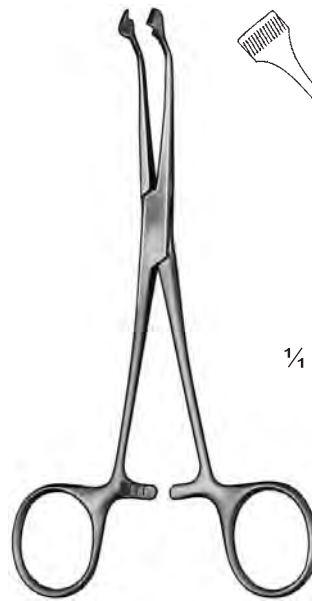
**431-01-03**  
Ø 3 mm

**431-02-04**  
Ø 4 mm

Kleinert-Kutz  
**431-01-03 & 431-02-04**  
20 cm / 8"  
Shaft length 13 cm / 5 1/8"  
1 X 2 Teeth



**431-03-20**  
1 X 2 Teeth



**431-04-15**

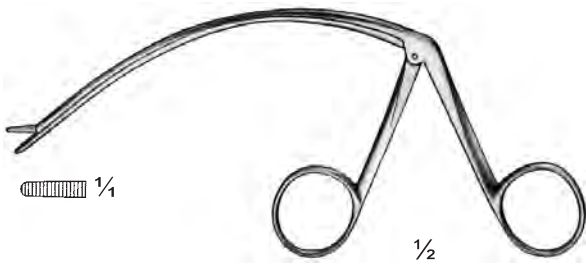
**431-05-15**

Herz  
**431-04-15 & 431-05-15**  
15 cm / 6"

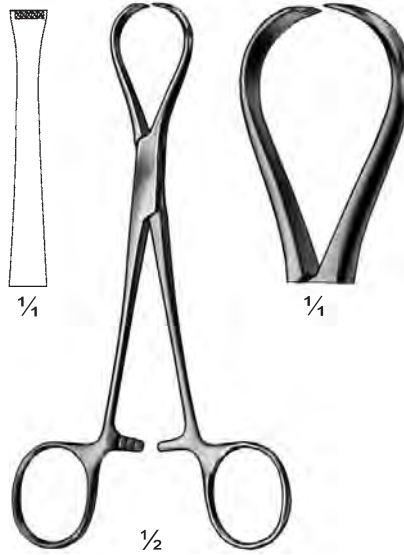


Jager  
**431-06-27**  
Flexible shaft 27.5 cm / 10 3/4"

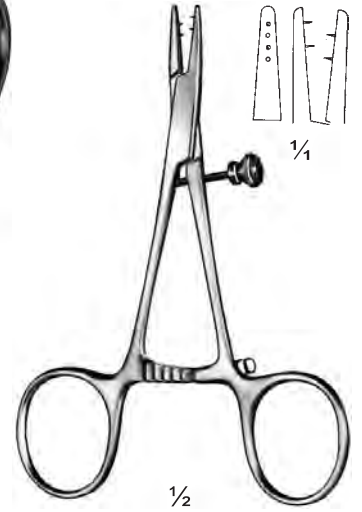
**Sehnenfazzangen**  
**Tendon Seizing Instruments**  
**Pinces pour saisir les tendons**



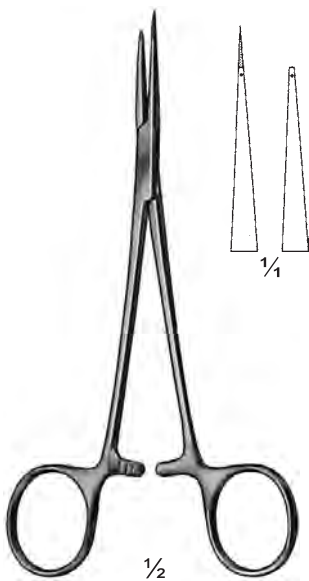
Carroll  
**432-01-11**  
 11 cm / 4 1/4"



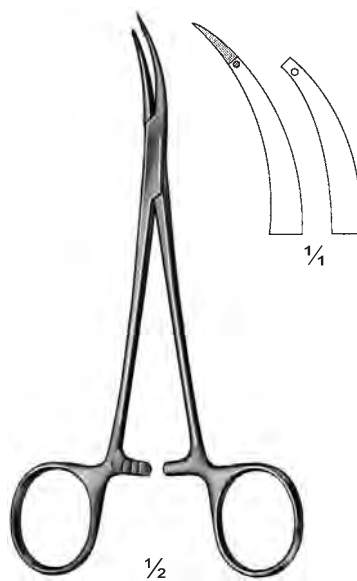
Jackson  
**432-02-15**  
 15 cm / 6"  
 4 X 5 Teeth



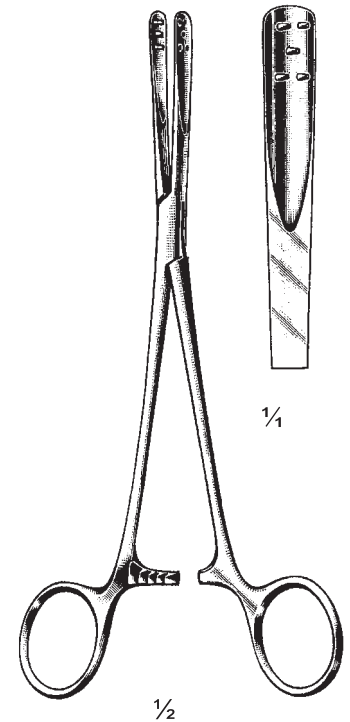
**432-03-13**  
 13 cm / 5 1/8"



**432-04-15**  
 15 cm / 6"

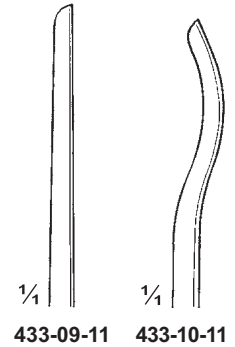
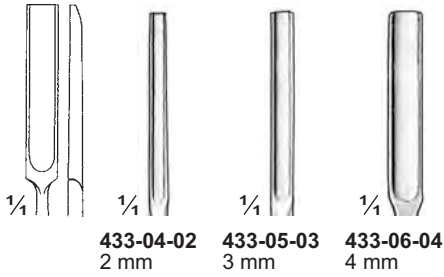
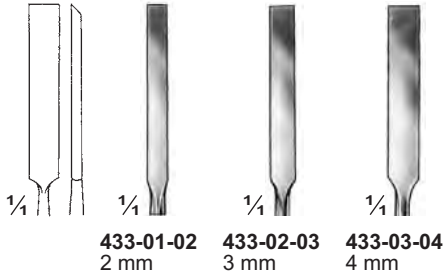


**432-05-15**  
 15 cm / 6"



Brand  
**432-06-18**  
 18 cm / 7"

# Flachmeißel, Osteotome, Hohlmeißel Bone Chisels, Gouges & Osteomes Ciseaux-burins, Ostéomes, Gouges



Buckley  
433-01-02 To 433-06-04  
16 cm / 6 1/4"

433-07-10 & 433-08-10  
10 cm / 4"

Buck-Gramcko  
433-09-11 & 433-10-11  
11 cm / 4 1/4"



433-11-13  
13.5 cm / 5 1/4"

433-12-13  
13.5 cm / 5 1/4"

Schwartz  
433-13-02 2 mm  
433-14-04 4 mm  
433-15-06 6 mm  
433-16-08 8 mm  
433-17-10 10 mm  
11 cm / 4 1/4"

Schwartz  
433-18-02 2 mm  
433-19-04 4 mm  
433-20-06 6 mm  
433-21-08 8 mm  
433-22-10 10 mm  
11 cm / 4 1/4"

Trautmann  
433-23-02 2 mm  
433-24-04 4 mm  
433-25-06 6 mm  
433-26-08 8 mm  
433-27-10 10 mm  
11 cm / 4 1/4"

Bishop  
433-28-02 2 mm  
433-29-04 4 mm  
433-30-06 6 mm  
433-31-08 8 mm  
433-32-10 10 mm  
11 cm / 4 1/4"

# Flachmeißel, Osteotome, Hohlmeißel Bone Chisels, Gouges & Osteomes Ciseaux-burins, Ostéomes, Gouges



434-01-02 2 mm  
434-02-03 3 mm  
434-03-04 4 mm  
434-04-05 5 mm  
434-05-06 6 mm  
434-06-07 7 mm  
13 cm / 5 1/8"



434-07-02 2 mm  
434-08-03 3 mm  
434-09-04 4 mm  
434-10-05 5 mm  
434-11-06 6 mm  
434-12-07 7 mm  
434-13-08 8 mm  
434-14-09 9 mm  
13 cm / 5 1/8"



Bishop  
434-15-02 2 mm  
434-16-03 3 mm  
434-17-04 4 mm  
434-18-05 5 mm  
434-19-06 6 mm  
434-20-08 8 mm  
15 cm / 6"



Bishop  
434-21-02 2 mm  
434-22-03 3 mm  
434-23-04 4 mm  
434-24-05 5 mm  
434-25-06 6 mm  
15 cm / 6"



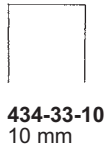
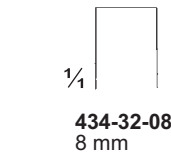
Bishop  
434-26-03 3 mm  
434-27-04 4 mm  
434-28-05 5 mm  
17 cm / 6 3/4"



Bishop  
434-29-03 3 mm  
434-30-04 4 mm  
434-31-05 5 mm  
17 cm / 6 3/4"



434-32-08 To 434-36-16  
13.5 cm / 5 1/4"



434-32-08  
8 mm

434-33-10  
10 mm

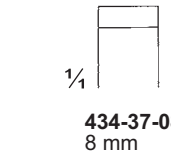
434-34-12  
12 mm

434-35-14  
14 mm

434-36-16  
16 mm



434-37-08 To 434-41-16  
13.5 cm / 5 1/4"



434-37-08  
8 mm

434-38-10  
10 mm

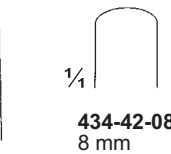
434-39-12  
12 mm

434-40-14  
14 mm

434-41-16  
16 mm



434-42-08 To 434-46-16  
13.5 cm / 5 1/4"



434-42-08  
8 mm


434-43-10  
10 mm

434-44-12  
12 mm


434-45-14  
14 mm

434-46-16  
16 mm


# Flachmeißel, Osteotome, Hohlmeißel Bone Chisels, Gouges & Osteomes Ciseaux-burins, Ostéomes, Gouges




**435-01-02**  
2 mm



**435-06-02**  
2 mm




**435-11-02**  
2 mm




**435-16**  
2 mm



**435-02-03**  
3 mm




**435-07-03**  
3 mm




**435-12-03**  
3 mm




**435-17**  
3 mm


**435-03-04**  
4 mm




**435-08-04**  
4 mm


**435-13-04**  
4 mm




**435-18-04**  
4 mm




**435-04-05**  
5 mm




**435-09-05**  
5 mm




**435-14-05**  
5 mm




**435-19-05**  
5 mm




**435-05-06**  
6 mm




**435-10-06**  
6 mm




**435-15-06**  
6 mm



**435-20-06**  
6 mm

**435-21-04**  
4 mm



**435-22-04**  
4 mm


Partsch  
**435-01-02 To 435-05-06**  
13.5 cm / 5 1/4"

Partsch  
**435-06-02 To 435-10-06**  
17 cm / 6 3/4"


**435-11-02 To 435-15-06**  
13.5 cm / 5 1/4"

**435-16-02 To 435-20-06**  
17 cm / 5 1/4"


Freer  
**435-21-04 & 435-22-04**  
16 cm / 6 1/4"


**435-23-02**  
2 mm




**435-24-03**  
3 mm



**435-25-04**  
4 mm



**435-26-06**  
6 mm

**435-27-06**  
6 mm




**435-28-04**  
4 mm




**435-31-03**  
3 mm



West  
**435-32-04**  
16 cm / 6 1/4"  
4 mm



West  
**435-33-04**  
16 cm / 6 1/4"  
4 mm

Sheehan  
**435-23-02 To 435-26-06**  
16 cm / 6 1/4"

Freer  
**435-27-06**  
15 cm / 6"

Mannerfelt modif.  
**435-28-04** 4 mm  
**435-29-06** 6 mm  
**435-30-07** 7 mm  
15 cm / 6"

Mannerfelt modif.  
**435-31-03**  
15 cm / 6"

# Flachmeißel, Osteotome, Hohlmeißel Bone Chisels, Gouges & Osteomes Ciseaux-burins, Ostéomes, Gouges



1/4  
**436-01-06**  
6 mm

1/4  
**436-02-13**  
13 mm

1/4  
**436-03-19**  
19 mm

1/4  
**436-04-25**  
25 mm

1/4  
**436-05-32**  
32 mm



1/4  
**436-06-06**  
6 mm

1/4  
**436-07-13**  
13 mm

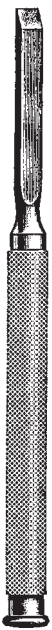
1/4  
**436-08-19**  
19 mm

1/4  
**436-09-25**  
25 mm

1/4  
**436-10-32**  
32 mm

Hibbs  
**436-01-06 To 436-05-32**  
24 cm / 9 1/2"

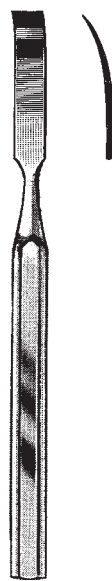
Hibbs  
**436-06-06 To 436-10-32**  
24 cm / 9 1/2"



1/2

Bruenings (Lucas)  
**436-11-04** 4 mm  
**436-12-06** 6 mm  
**436-13-08** 8 mm  
**436-14-10** 10 mm  
16 cm / 6 1/4"

Bruenings (Lucas)  
**436-15-04** 4 mm  
**436-16-06** 6 mm  
**436-17-08** 8 mm  
**436-18-10** 10 mm  
16 cm / 6 1/4"



Hoke  
**436-19-03** 3 mm  
**436-20-04** 4.5 mm  
**436-21-06** 6 mm  
**436-22-08** 8 mm  
**436-23-10** 10 mm  
**436-24-12** 12 mm  
14 cm / 5 1/2"

Hoke  
**436-25-03** 3 mm  
**436-26-04** 4.5 mm  
**436-27-06** 6 mm  
**436-28-08** 8 mm  
**436-29-10** 10 mm  
**436-30-12** 12 mm  
14 cm / 5 1/2"



1/4  
**436-31-03**  
3 mm

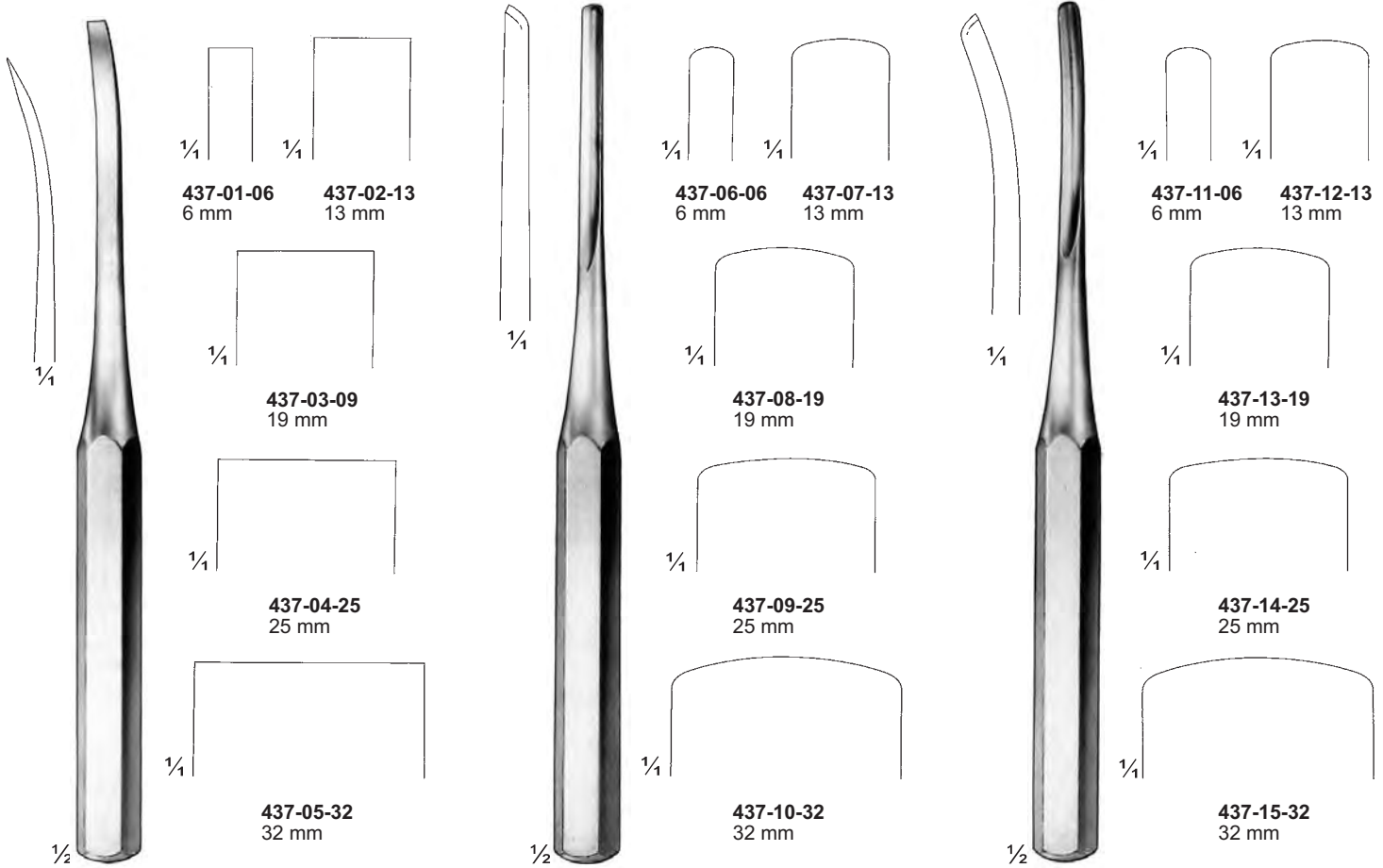
1/4  
**436-32-05**  
5 mm

1/4  
**436-33-06**  
6 mm

1/4  
**436-34-08**  
8 mm

1/4  
**436-35-09**  
9 mm

Hoke  
**436-31-03 To 436-35-09**  
17 cm / 6 3/4"



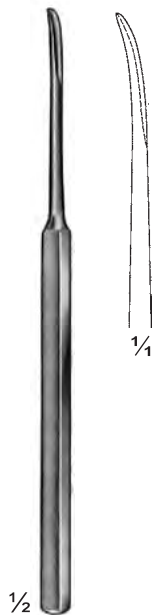
Hibbs  
437-01-06 To 437-05-32  
24 cm / 9½"

Hibbs  
437-06-06 To 437-10-32  
24 cm / 9½"

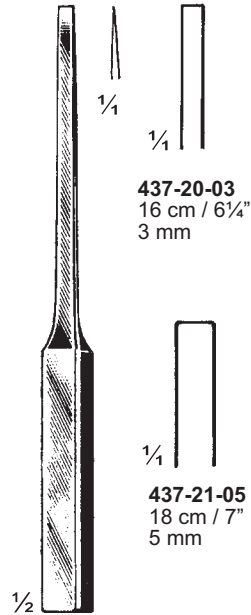
Hibbs  
437-11-06 To 437-15-32  
24 cm / 9½"



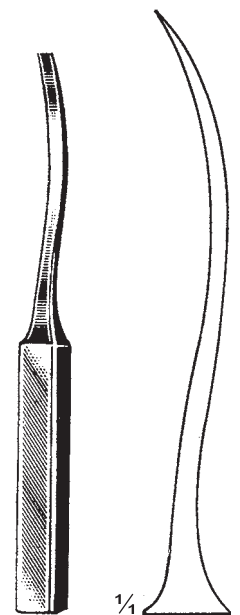
Kramer  
437-16-02  
21.5 cm / 8½"



Thies  
437-17-02 2 mm  
437-18-03 3 mm  
437-19-04 4 mm  
16 cm / 6¼"



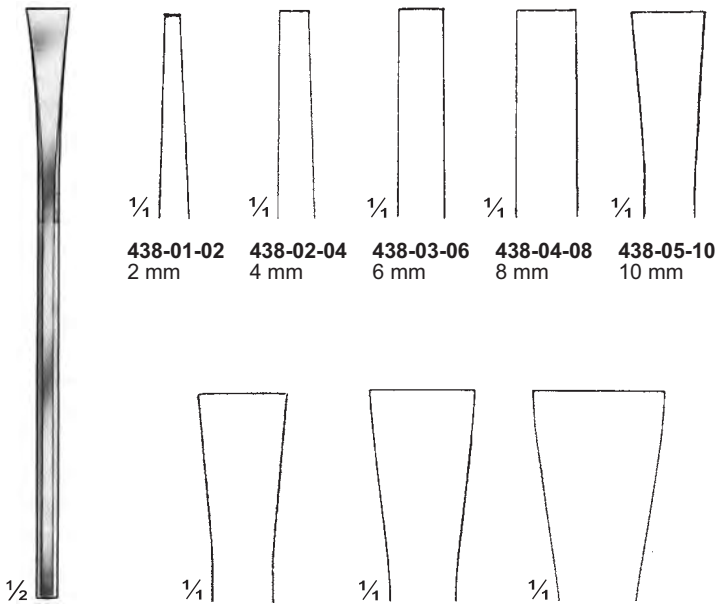
Moberg  
437-20-03 & 437-21-05



Moberg  
437-22-04  
16 cm / 6¼"

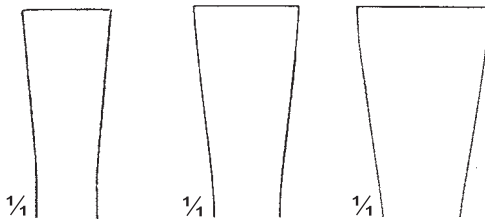


# Flachmeißel, Osteotome, Hohlmeißel Bone Chisels, Gouges & Osteomes Ciseaux-burins, Ostéomes, Gouges



438-01-02 2 mm    438-02-04 4 mm    438-03-06 6 mm    438-04-08 8 mm    438-05-10 10 mm

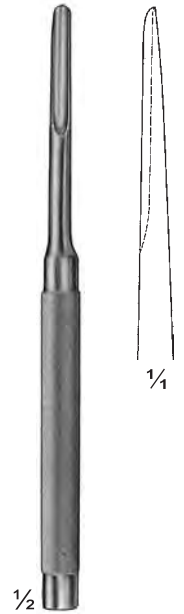
Sheehan  
438-01-02 To 438-08-18  
16 cm / 6 1/4"



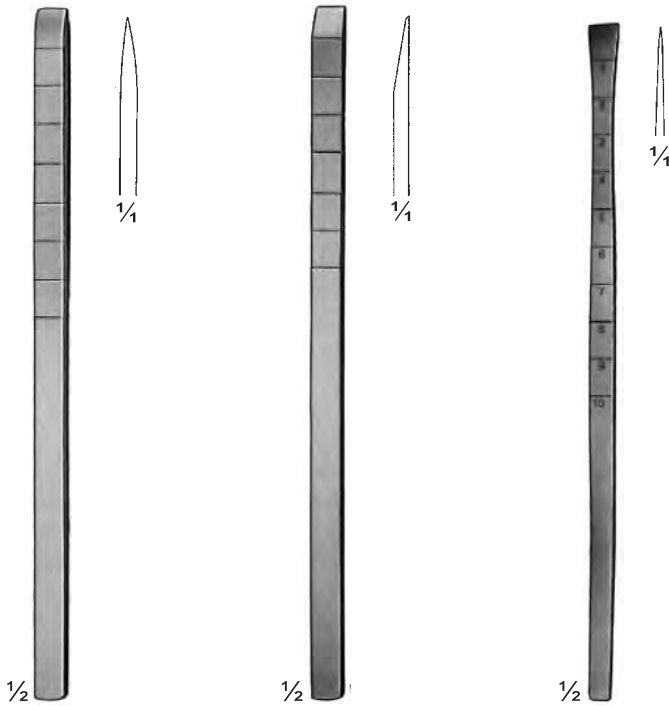
438-06-12 12 mm    438-07-15 15 mm    438-08-18 18 mm



Lucas  
438-09-04 4 mm  
438-10-06 6 mm  
16 cm / 6 1/4"



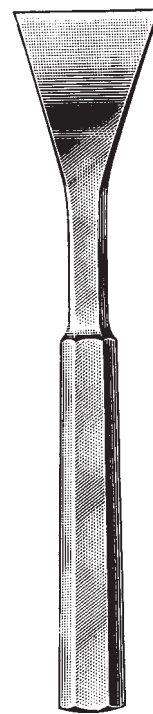
Lucas  
438-11-03 3 mm  
438-12-05 5 mm  
16 cm / 6 1/4"



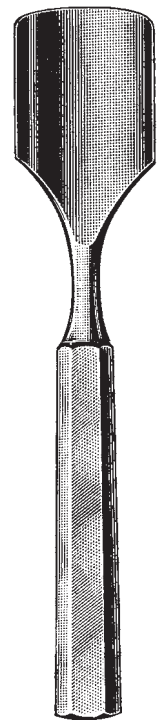
Cottle  
438-13-04 4 mm  
438-14-06 6 mm  
438-15-08 8 mm  
438-16-10 10 mm  
438-17-12 12 mm  
18 cm / 7"

Cottle  
438-18-04 4 mm  
438-19-07 7 mm  
438-20-09 9 mm  
438-21-12 12 mm  
18 cm / 7"

Cottle  
438-22-08 8 mm  
18 cm / 7"

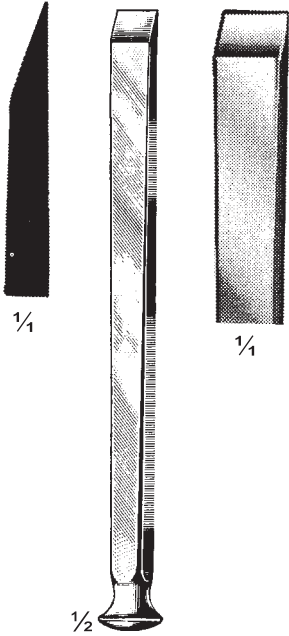


Murphy  
438-23-30 30 mm  
438-24-40 40 mm  
16 cm / 6 1/4"

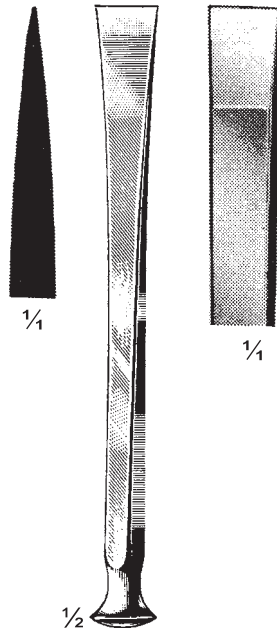


Murphy  
438-25-30 30 mm  
438-26-40 40 mm  
16 cm / 6 1/4"

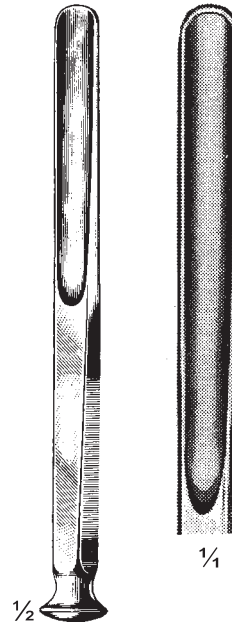
# Flachmeißel, Osteotome, Hohlmeißel Bone Chisels, Gouges & Osteomes Ciseaux-burins, Ostéomes, Gouges



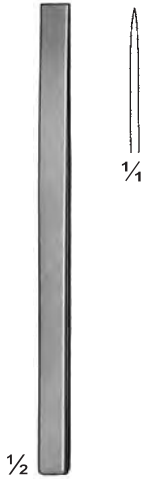
U. S. Army  
**439-01-06** 6 mm  
**439-02-12** 12 mm  
**439-03-18** 18 mm  
 16 cm / 6 1/4"



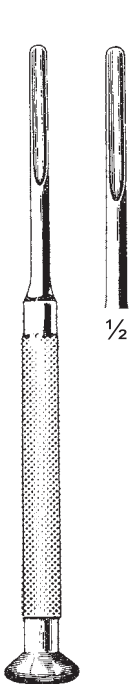
U. S. Army  
**439-04-06** 6 mm  
**439-05-12** 12 mm  
**439-06-18** 18 mm  
 16 cm / 6 1/4"



U. S. Army  
**439-07-06** 6 mm  
**439-08-12** 12 mm  
**439-09-18** 18 mm  
 16 cm / 6 1/4"



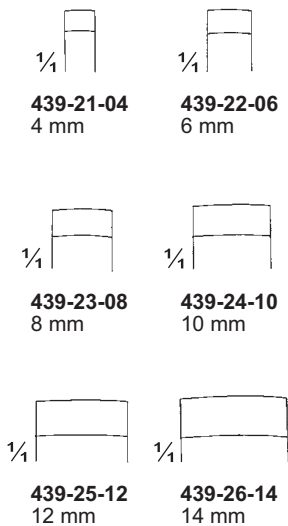
Lambotte  
**439-10-04** 4 mm  
**439-11-06** 6 mm  
**439-12-08** 8 mm  
**439-13-10** 10 mm  
**439-14-12** 12 mm  
**439-15-15** 15 mm  
 12.5 cm / 5"



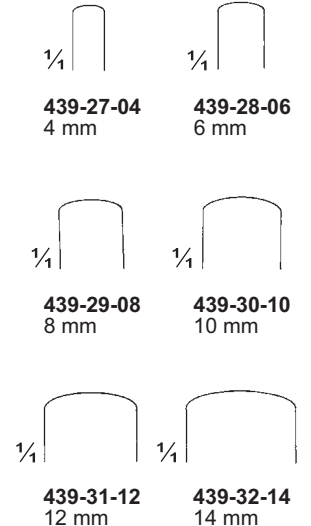
**439-16-03** 3 mm  
**439-17-04** 4 mm  
**439-18-05** 5 mm  
**439-19-06** 6 mm  
**439-20-08** 8 mm  
 16 cm / 6 1/4"



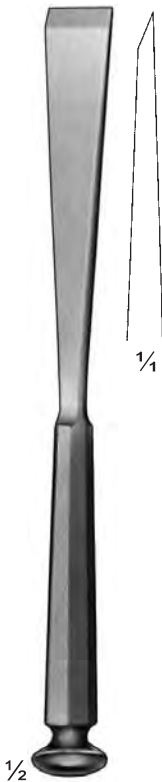
Alexander  
**439-21-04 To 439-26-14**  
 18 cm / 7"



Alexander  
**439-27-04 To 439-32-14**  
 18 cm / 7"



# Flachmeißel, Osteotome, Hohlmeißel Bone Chisels, Gouges & Osteomes Ciseaux-burins, Ostéomes, Gouges



440-01-10  
10 mm

440-02-15  
15 mm

440-03-20  
20 mm

440-04-25  
25 mm

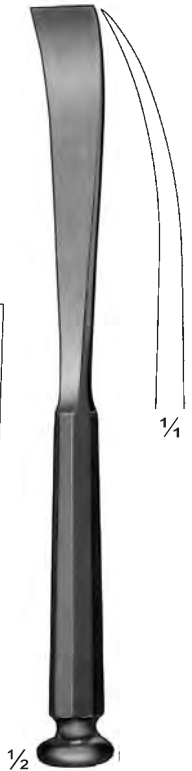


440-05-10  
440-09-10  
10 mm

440-06-15  
440-10-15  
15 mm

440-07-20  
440-11-20  
20 mm

440-08-25  
440-12-25  
25 mm



Stille  
440-01-10 To 440-04-25  
20 cm / 8"

Stille  
440-05-10 To 440-08-25  
20 cm / 8"

Stille  
440-09-10 To 440-12-25  
20 cm / 8"

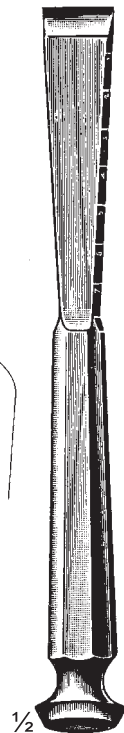


440-13-10  
10 mm

440-14-15  
15 mm

440-15-20  
20 mm

440-16-25  
25 mm



440-17-10	10 mm	440-29-10	10 mm
440-18-12	12 mm	440-30-12	12 mm
440-19-14	14 mm	440-31-14	14 mm
440-20-16	16 mm	440-32-16	16 mm
440-21-18	18 mm	440-33-18	18 mm
440-22-20	20 mm	440-34-20	20 mm
440-23-22	22 mm	440-35-22	22 mm
440-24-24	24 mm	440-36-24	24 mm
440-25-26	26 mm	440-37-26	26 mm
440-26-28	28 mm	440-38-28	28 mm
440-27-30	30 mm	440-39-30	30 mm
440-28-32	32 mm	440-40-32	32 mm



440-41-10	10 mm
440-42-12	12 mm
440-43-14	14 mm
440-44-16	16 mm
440-45-18	18 mm
440-46-20	20 mm
440-47-22	22 mm
440-48-24	24 mm
440-49-26	26 mm
440-50-28	28 mm
440-51-30	30 mm
440-52-32	32 mm



Stille  
440-13-10 To 440-16-25  
20 cm / 8"

McEwen  
440-17-10 To 440-28-32  
19 cm / 7 1/2"

McEwen  
440-29-10 To 440-40-32  
19 cm / 7 1/2"

McEwen  
440-41-10 To 440-52-32  
19 cm / 7 1/2"



- |           |       |           |
|-----------|-------|-----------|
| 441-01-06 | 6 mm  | 441-14-06 |
| 441-02-08 | 8 mm  | 441-15-08 |
| 441-03-10 | 10 mm | 441-16-10 |
| 441-04-12 | 12 mm | 441-17-12 |
| 441-05-14 | 14 mm | 441-18-14 |
| 441-06-16 | 16 mm | 441-19-16 |
| 441-07-18 | 18 mm | 441-20-18 |
| 441-08-20 | 20 mm | 441-21-20 |
| 441-09-22 | 22 mm | 441-22-22 |
| 441-10-24 | 24 mm | 441-23-24 |
| 441-11-26 | 26 mm | 441-24-26 |
| 441-12-28 | 28 mm | 441-25-28 |
| 441-13-30 | 30 mm | 441-26-30 |

Bergmann  
441-01-06 To 441-13-30  
20 cm / 8"



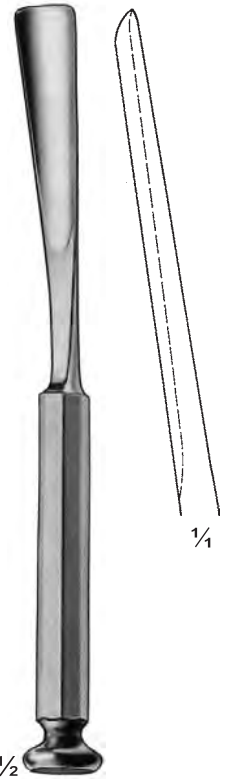
Brun's  
441-14 To 441-26  
19 cm / 7 1/2"



Brun's  
441-27-06 To 441-39-30  
19 cm / 7 1/2"



Brun's  
441-40-06 To 441-52-30  
19 cm / 7 1/2"



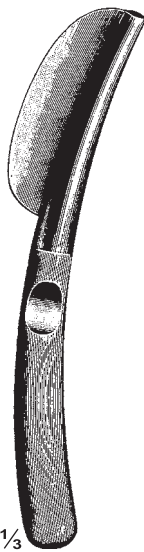
Walter  
441-53-10 10 mm  
441-54-15 15 mm  
20 cm / 8"



441-55-06 6 mm  
441-56-08 8 mm  
441-57-10 10 mm  
441-58-12 12 mm  
16 cm / 6 1/4"



441-59-06 6 mm  
441-60-08 8 mm  
441-61-10 10 mm  
441-62-12 12 mm  
16 cm / 6 1/4"



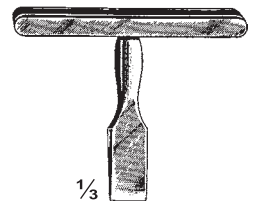
441-63-22  
22 cm / 8 3/4"



441-64-20  
20 cm / 8"



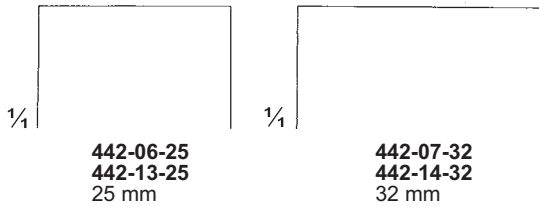
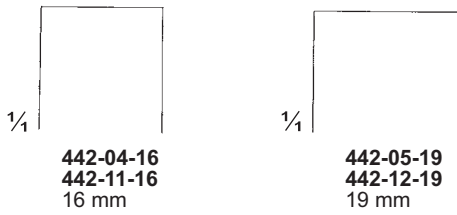
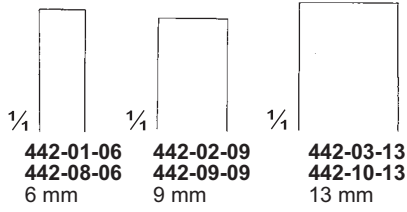
441-65-15 15 mm  
441-66-18 18 mm  
441-67-22 22 mm  
13.5 cm / 5 1/4"



Virchow  
441-68-07  
7.5 cm / 3"



1/2  
 Smith-Petersen  
 442-01-06 To 442-07-32  
 20 cm / 8"



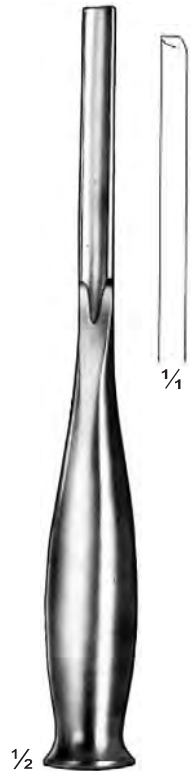
1/2  
 Smith-Petersen  
 442-08-06 To 442-14-32  
 20 cm / 8"



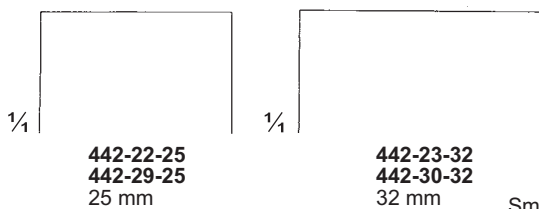
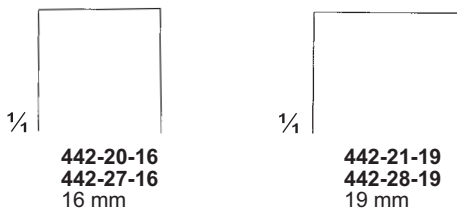
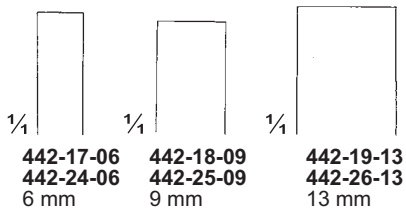
1/3  
 Brunetti  
 442-15-28  
 28 cm / 11"



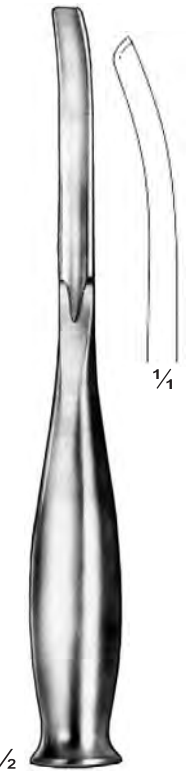
1/3  
 Brunetti  
 442-16-28  
 28 cm / 11"



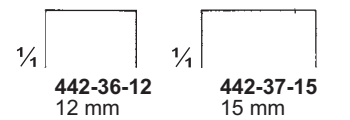
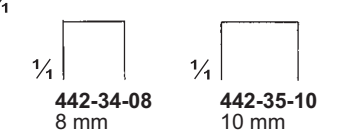
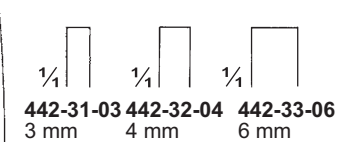
1/2  
 Smith-Petersen  
 442-17-06 To 442-23-32  
 20 cm / 8"

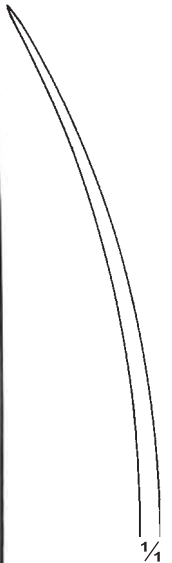
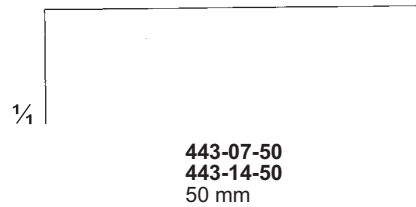
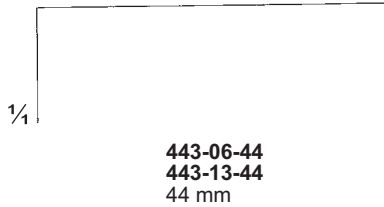
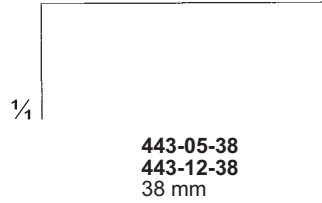
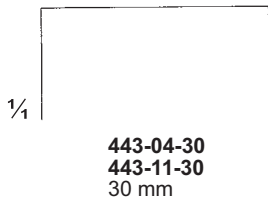
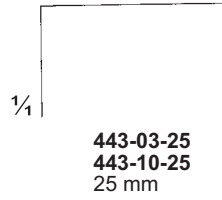
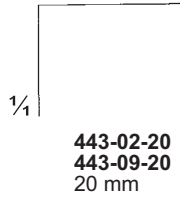
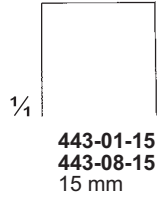


1/2  
 Smith-Petersen  
 442-24-06 To 442-30-32  
 20 cm / 8"



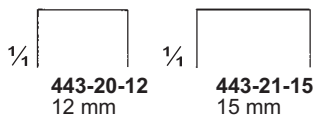
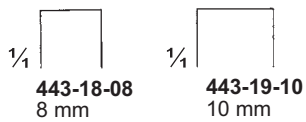
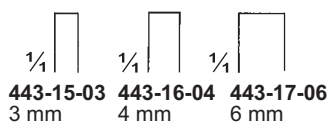
1/2  
 Mini-Lambotte  
 442-31-03 To 442-37-15  
 12.5 cm / 5"



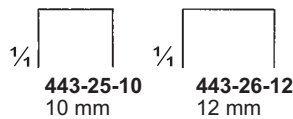
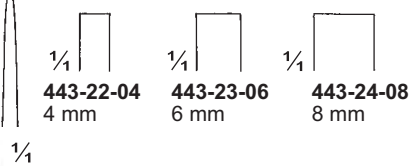


1/2  
 Lambotte  
**443-01-15 To 443-07-50**  
 24.5 cm / 9 3/4"

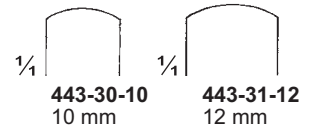
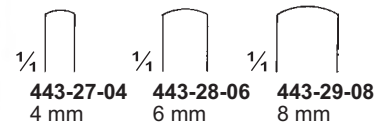
1/2  
 Lambotte  
**443-08-15 To 443-14-50**  
 24.5 cm / 9 3/4"



1/2  
 Mini-Lambotte  
**443-15-03 To 443-21-15**  
 24.5 cm / 9 3/4"

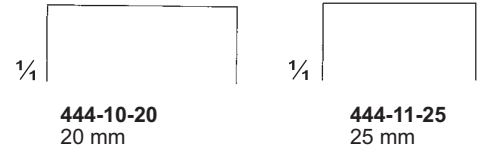
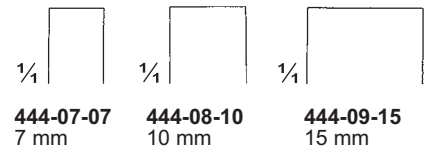
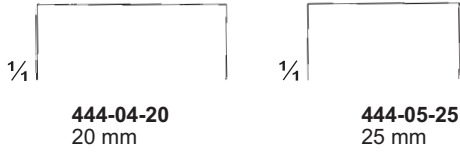
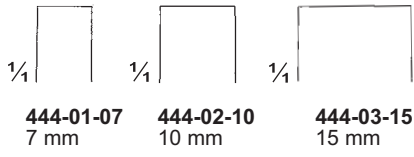


1/2  
 Mini-Lexer  
**443-22-04 To 443-26-12**  
 18 cm / 7"



1/2  
 Mini-Lexer  
**443-27-04 To 443-31-12**  
 18 cm / 7"

# Flachmeißel, Osteotome, Hohlmeißel Bone Chisels, Gouges & Osteomes Ciseaux-burins, Ostéomes, Gouges

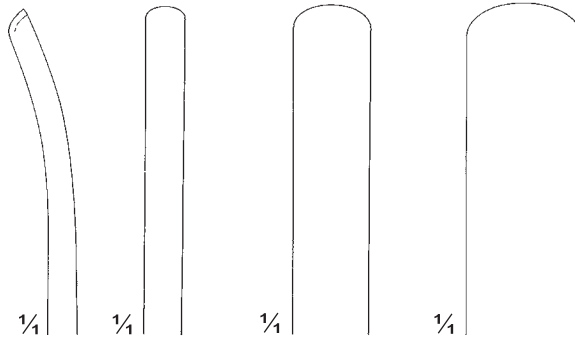
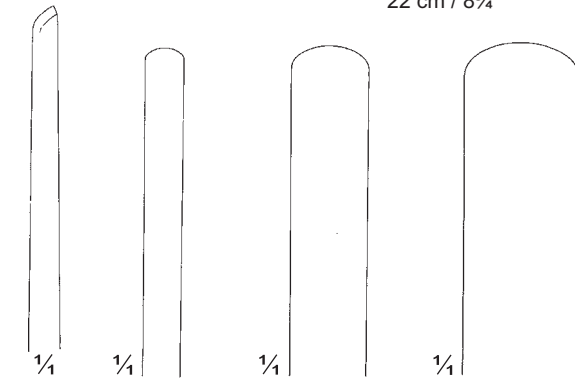


$\frac{1}{2}$

Lexer  
444-01-07 To 444-06-30  
22 cm / 8 $\frac{3}{4}$ "

$\frac{1}{2}$

Lexer  
444-07-07 To 444-12-30  
22 cm / 8 $\frac{3}{4}$ "



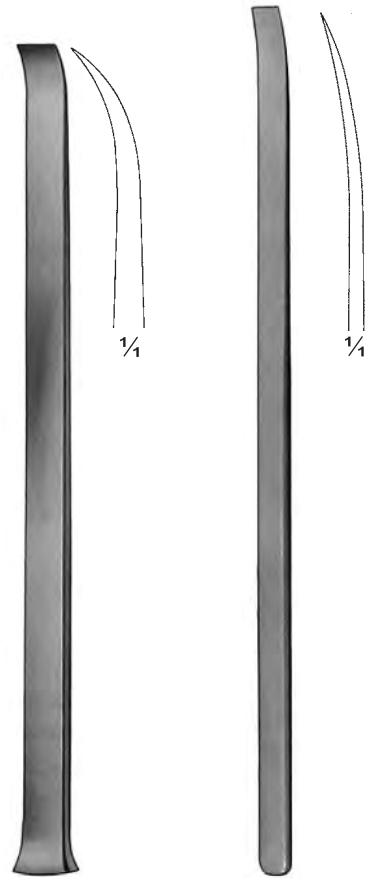
$\frac{1}{2}$

Lexer  
444-13-05 To 444-18-15  
25 cm / 10"

**444-16-05** 5 mm

**444-17-10** 10 mm

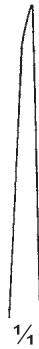
**444-18-15** 15 mm



Obwegesser  
444-19-11 11 mm  
23.5 cm / 9 $\frac{1}{4}$ "

Niederdelmann  
444-20-08 8 mm  
444-21-10 10 mm  
25 cm / 10"

# Flachmeißel, Osteotome, Hohlmeißel Bone Chisels, Gouges & Osteomes Ciseaux-burins, Ostéomes, Gouges



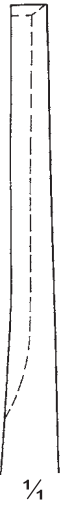
**445-01-10** 10 mm  
**445-02-15** 15 mm  
16 cm / 6¼"



**445-03-10** 10 mm  
**445-04-15** 15 mm  
**445-05-20** 20 mm  
20 cm / 8"



**445-06-10** 10 mm  
**445-07-15** 15 mm  
**445-08-20** 20 mm  
20 cm / 8"

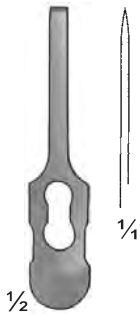
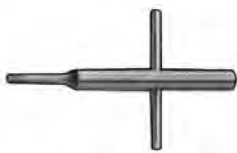


**445-09-09** 9 mm  
22 cm / 8¾"



**445-10-18**  
18 cm / 7"

Handle with key for interchangeable blades



**445-11-05** 5 mm  
**445-12-10** 10 mm  
**445-13-16** 16 mm  
**445-14-25** 25 mm  
Useable length 45 mm



**445-15-78** 25 mm  
Useable length 78 mm



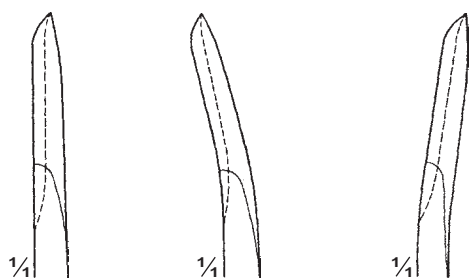
**445-16-50 To 445-18-70**

**445-16-50** 25 mm  
Useable length 50 mm

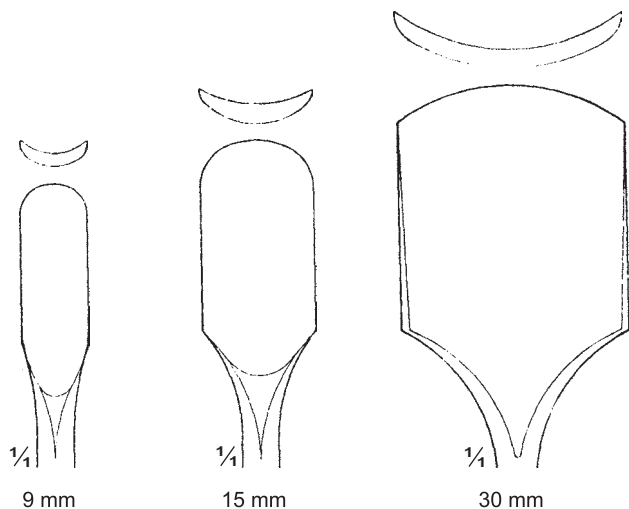
**445-17-60** 25 mm  
Useable length 60 mm

**445-18-70** 25 mm  
Useable length 70 mm





**446-04-09** 9 mm    **446-07-09** 9 mm    **446-10-09** 9 mm  
**446-05-15** 15 mm    **446-08-15** 15 mm    **446-11-15** 15 mm  
**446-06-30** 30 mm    **446-09-30** 30 mm    **446-12-30** 30 mm  
 Str                      Inclined forward                      Inclined backward



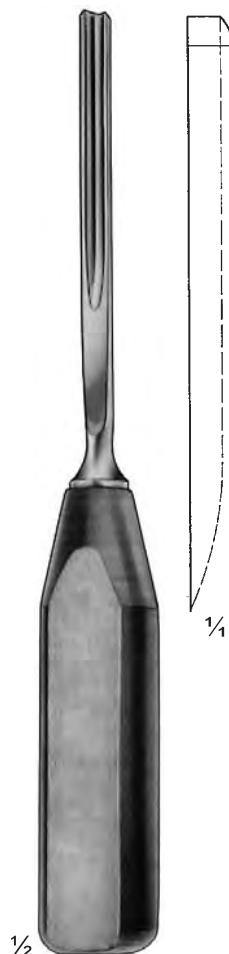
**446-01-20** 20 mm  
 24.5 cm / 9 3/4"



Zielke  
**446-02-05** 5.5 mm  
**446-03-09** 9 mm  
 23 cm / 9"



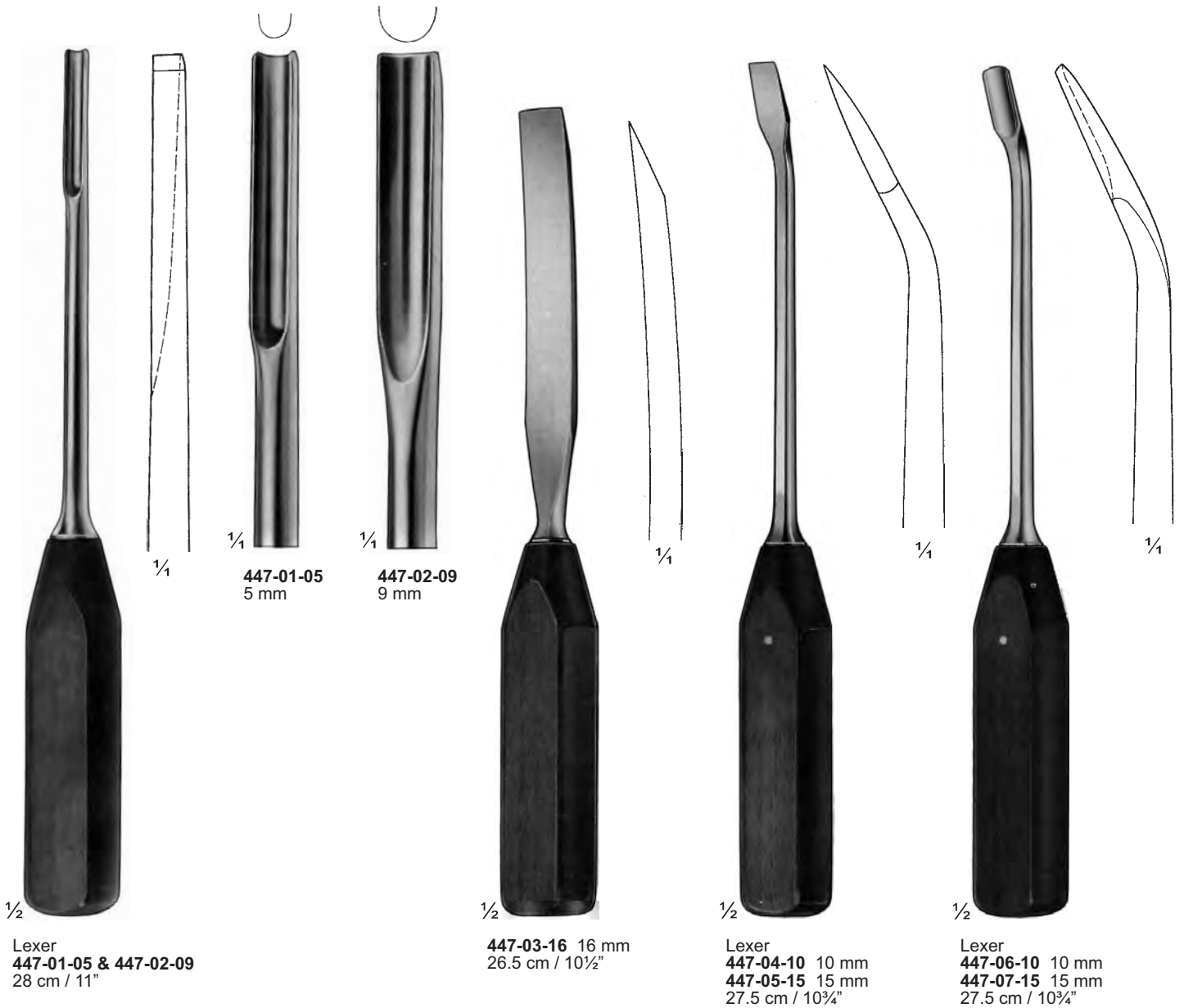
Wagner  
**446-04-09 To 446-12-30**  
 34 cm / 13 1/2"  
 Thin concave osteotome



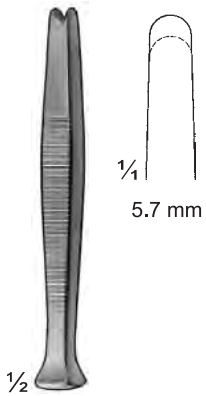
**446-13-05** 5 mm  
**446-14-10** 10 mm  
**446-15-15** 15 mm  
 25 cm / 10"



**446-16-05** 5 mm  
**446-17-10** 10 mm  
**446-18-15** 15 mm  
 25 cm / 10"



# Stößel Tampers Pilons Métalliques



Haase  
448-01-05  
10 cm / 4"



Passow  
448-02-02 & 448-03-03  
12 cm / 4¾"



448-04-02 & 448-10-10  
15 cm / 6"



448-11-03 To 448-14-09  
16 cm / 6½"



Caspar  
448-15-03 To 448-17-08  
20 cm / 8"



448-18-12 To 448-20-16  
20 cm / 8"



Sypert  
448-21-03 To 448-24-06  
29 cm / 11½"

¼ □  
448-02-02  
2.5 mm

¼ □  
448-03-03  
3.5 mm

¼ ●  
448-04-02  
Ø 2 mm

¼ ●  
448-05-03  
Ø 3 mm

¼ ●  
448-06-04  
Ø 4 mm

¼ ●  
448-07-05  
Ø 5 mm

¼ ●  
448-08-06  
Ø 6 mm

¼ ●  
448-09-08  
Ø 8 mm

¼ ●  
448-10-10  
Ø 10 mm

¼ ●  
448-21-03  
3 X 8 mm

¼ ●  
448-22-04  
4 X 10 mm

¼ ●  
448-23-05  
5 X 15 mm

¼ ●  
448-24-06  
6 X 20 mm

¼ ○  
448-11-03  
Ø 3 mm

¼ ○  
448-12-05  
Ø 5 mm

¼ ○  
448-13-07  
Ø 7 mm

¼ ○  
448-14-09  
Ø 9 mm

¼ ●  
448-15-03  
Ø 3 mm

¼ ●  
448-16-05  
Ø 5 mm

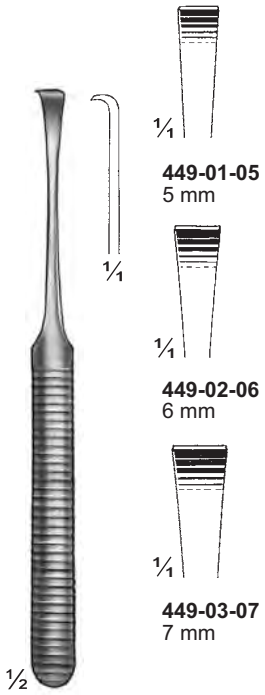
¼ ●  
448-17-08  
Ø 8 mm

¼ ●  
448-18-12  
Ø 12 mm

¼ ●  
448-19-14  
Ø 14 mm

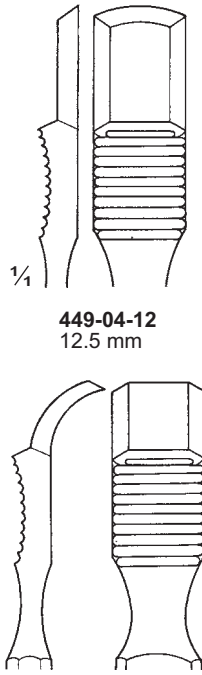
¼ ●  
448-20-16  
Ø 16 mm

# Raspatorien Periosteal Elevators Rugines- raspatoires



**449-01-05 To 449-03-07**  
16 cm / 6 1/4"

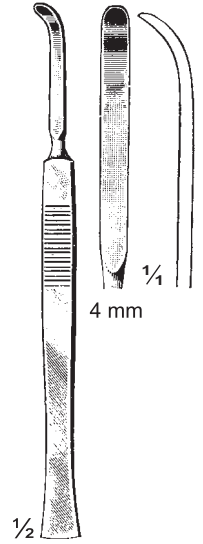
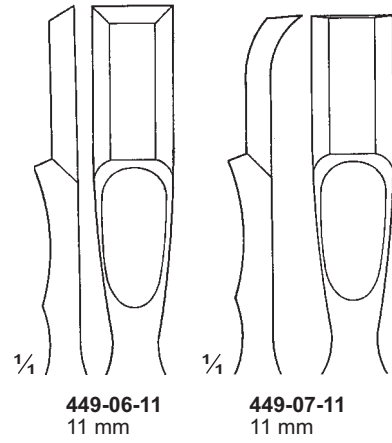
Farabeuf  
**449-04-12 & 449-05-12**  
14 cm / 5 1/2"



**449-05-12**  
12.5 mm



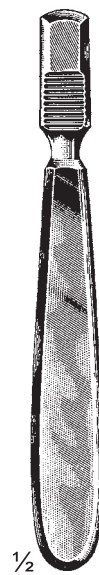
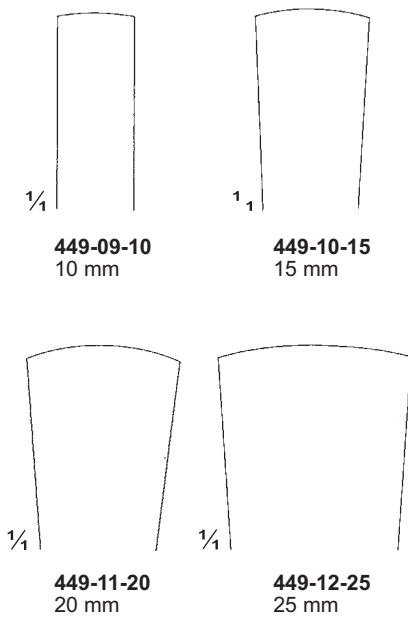
Farabeuf-Collin  
**449-06-11 & 449-07-11**  
16 cm / 6 1/4"



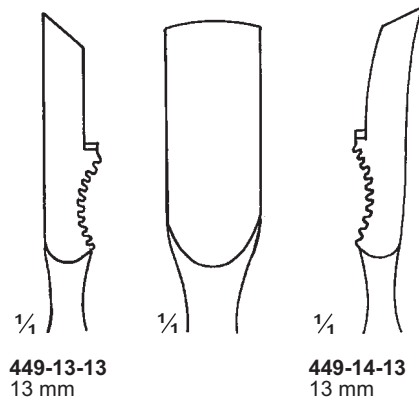
McKenty  
**449-08-04**  
15 cm / 6"



Lambotte  
**449-09-10 To 449-12-25**  
21 cm / 8 1/4"

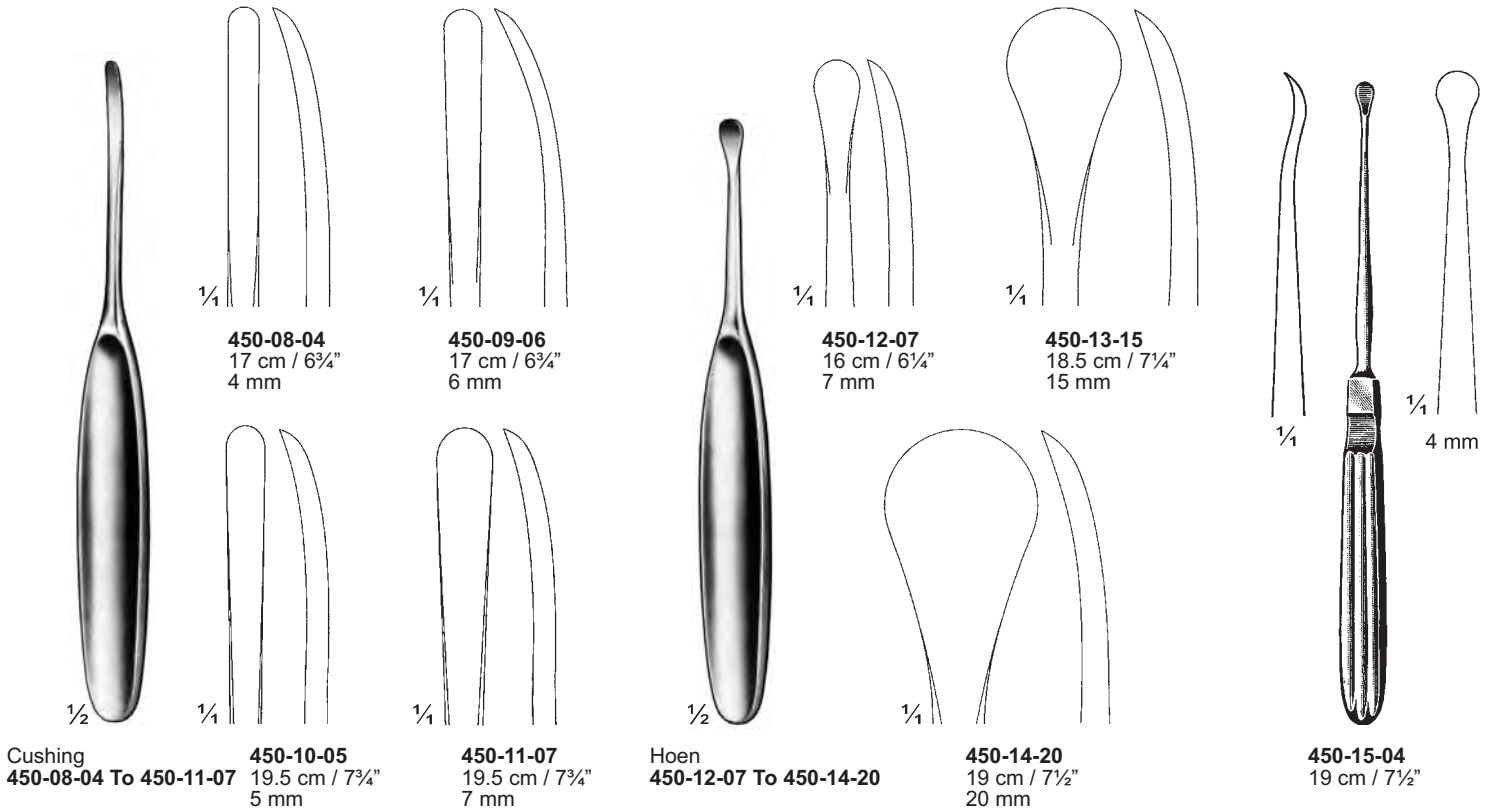
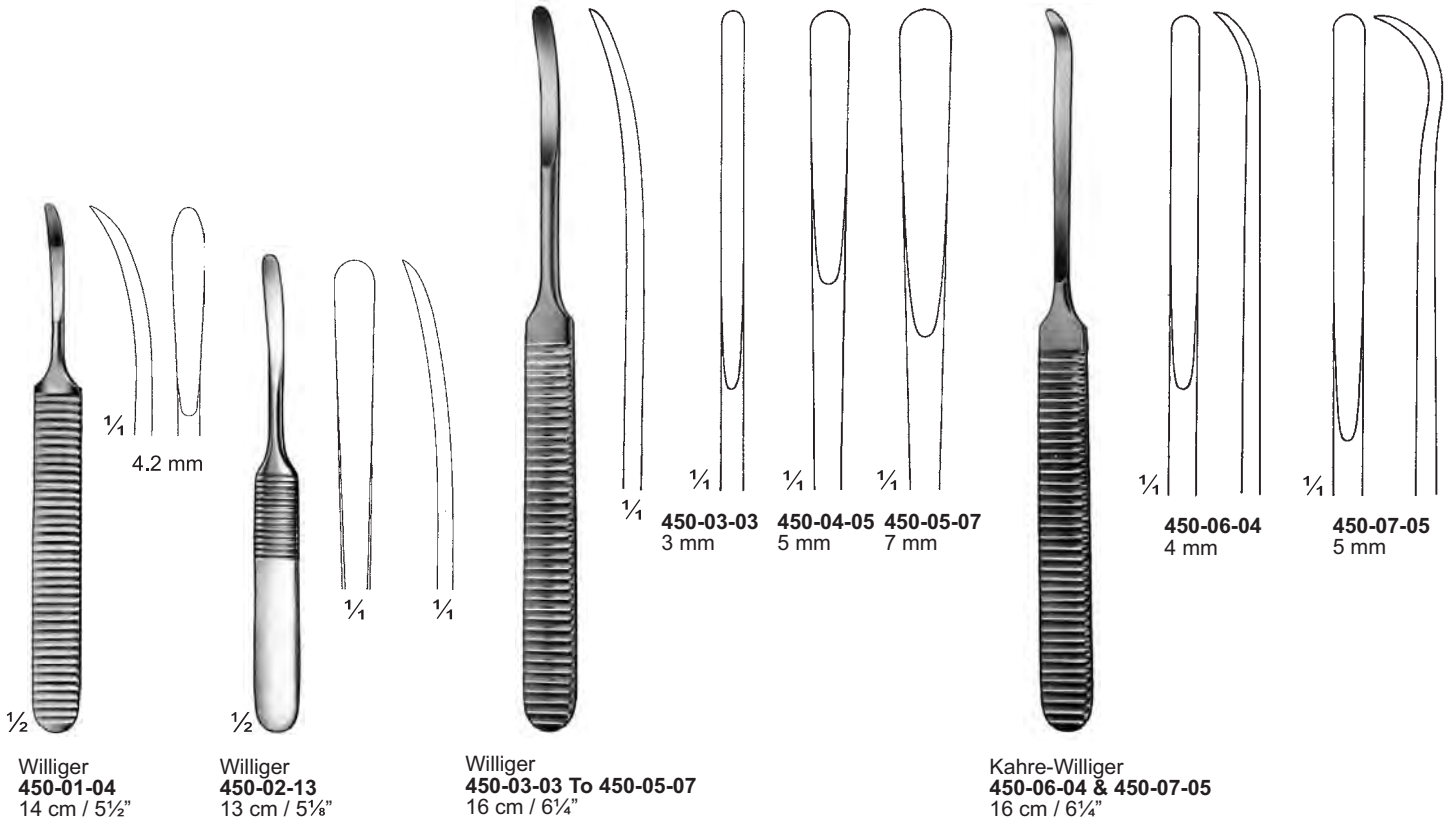


Farabeuf  
**449-13-13 & 449-14-13**  
15 cm / 6"

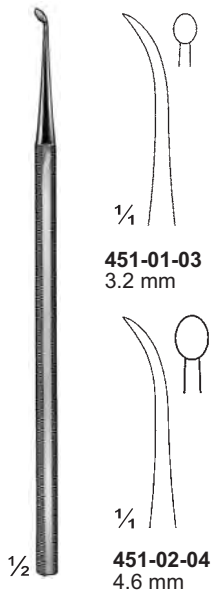


Farabeuf  
**449-15-13**  
19 cm / 7 1/2"

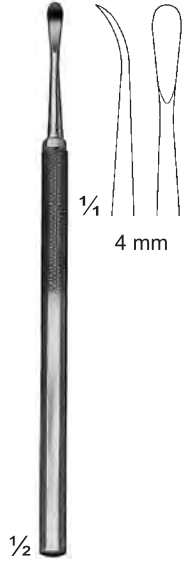
**Raspatorien  
Periosteal Elevators  
Rugines- raspatoires**



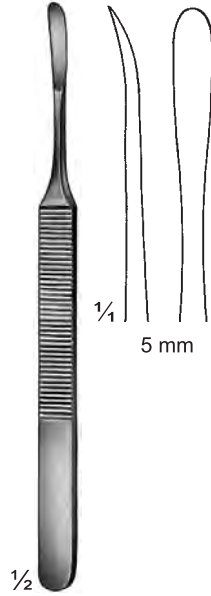
# Raspatorien Periosteal Elevators Rugines- raspatoires



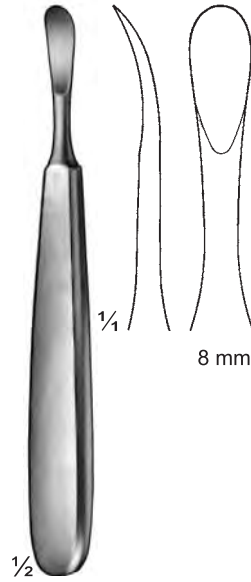
Partsch  
451-01-03 & 451-02-04  
15 cm / 6"



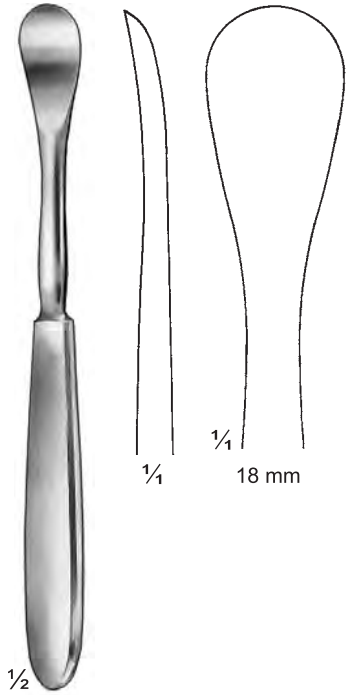
Partsch Mod. Lange  
451-03-04  
14.5 cm / 5 3/4"



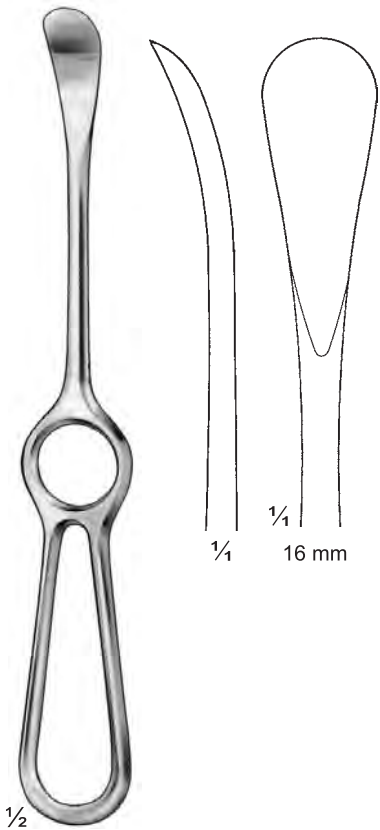
Koenig  
451-04-05  
15 cm / 6"



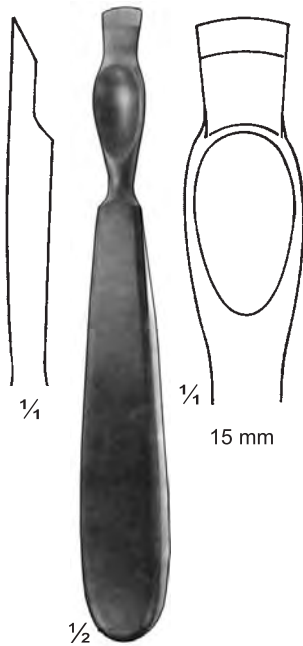
Trelat  
451-05-08  
15 cm / 6"



Sedillot  
451-06-18  
18.5 cm / 7 1/4"



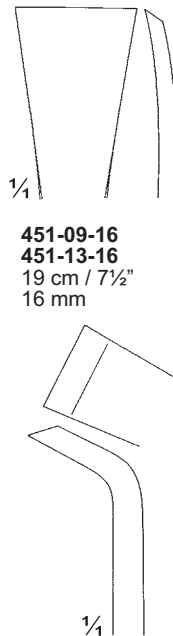
Sedillot  
451-07-16  
21.5 cm / 8 1/2"



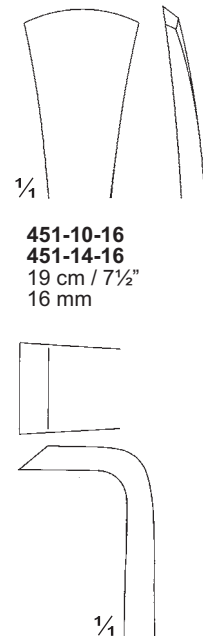
Kirmission  
451-08-15  
16.5 cm / 6 1/2"



Langenbeck  
451-09-16 To 451-12-12



451-11-12  
451-15-12  
19 cm / 7 1/2"  
12 mm

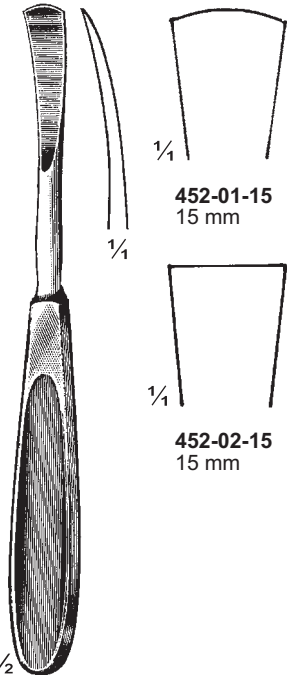


451-10-16  
451-14-16  
19 cm / 7 1/2"  
16 mm  
451-12-12  
451-16-12  
18 cm / 7"  
12 mm

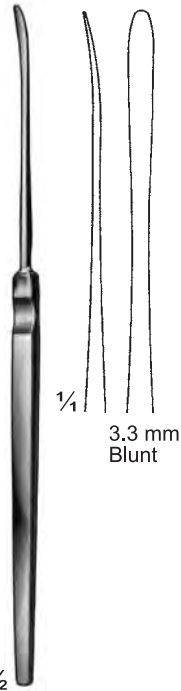


Langenbeck  
451-13-16 To 451-16-12

**Raspatorien  
Periosteal Elevators  
Rugines- raspatoires**



**Cushing**  
452-01-15 & 452-02-15  
18 cm / 7"



**Halle**  
452-03-03  
18 cm / 7"



**Sewall**  
452-04-05  
20 cm / 8"

Sharp

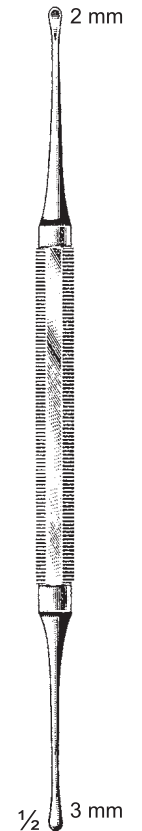


**Freer**  
452-05-04  
19 cm / 7 1/2"

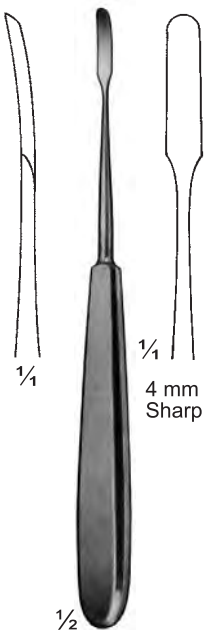
Sharp



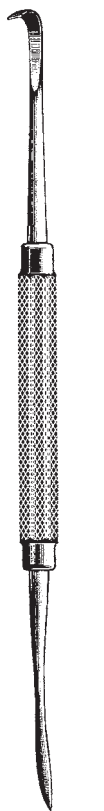
**Freer**  
452-06-04  
19 cm / 7 1/2"



**452-07-17**  
17 cm / 6 3/4"



**Joseph**  
452-08-04  
16.5 cm / 6 1/2"



**Molt**  
452-09-18  
18 cm / 7"



**Molt**  
452-10-18  
18 cm / 7"



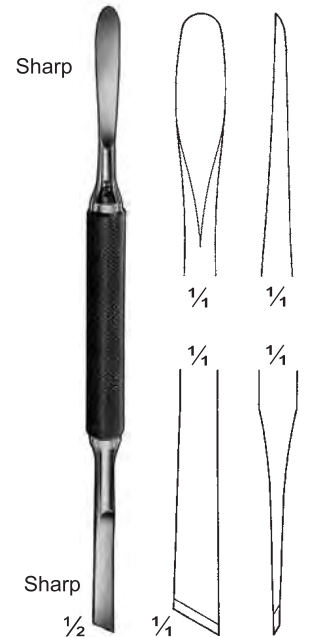
**Molt**  
452-11-18  
18 cm / 7"

Blunt



**Molt**  
452-12-18  
18 cm / 7"

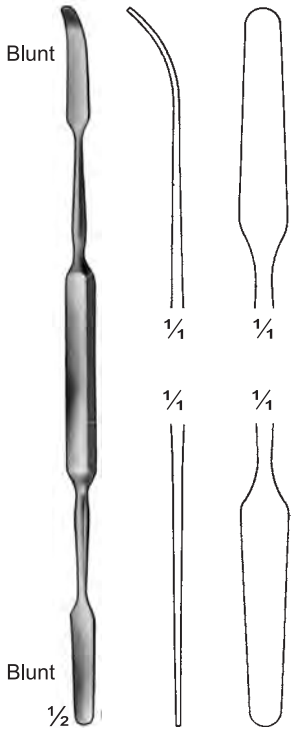
Sharp



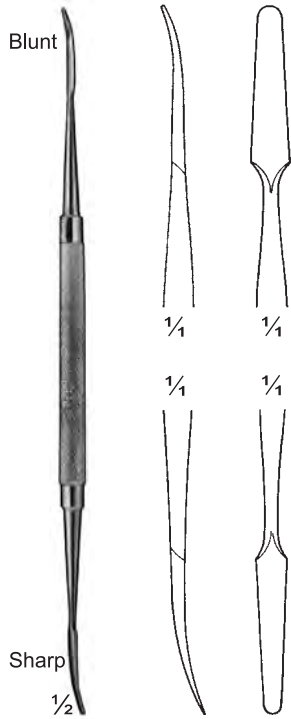
**Mead**  
452-13-16  
16.5 cm / 6 1/2"

Sharp

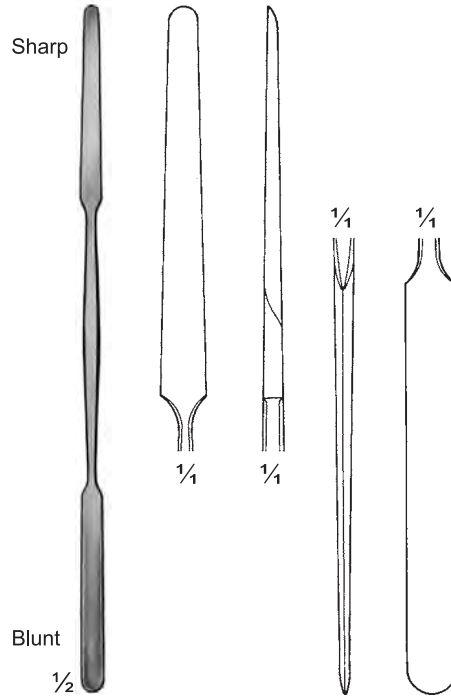
# Raspatorien Periosteal Elevators Rugines- raspatoires



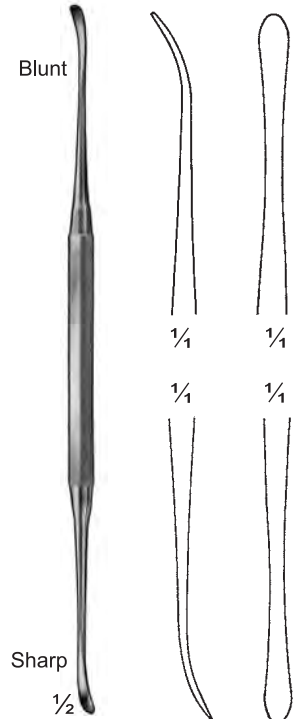
MacDonald  
453-01-19  
19 cm / 7 1/2"



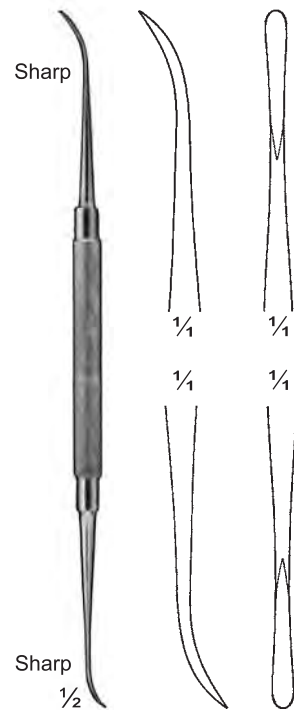
Killian  
453-02-18  
18.5 cm / 7 1/4"



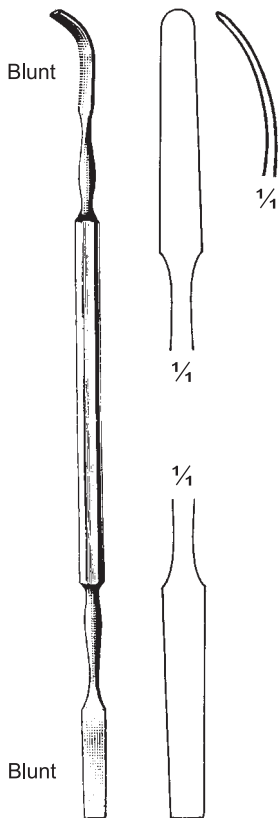
Killian  
453-03-18  
18.5 cm / 7 1/4"



Freer  
453-04-18  
18.5 cm / 7 1/4"



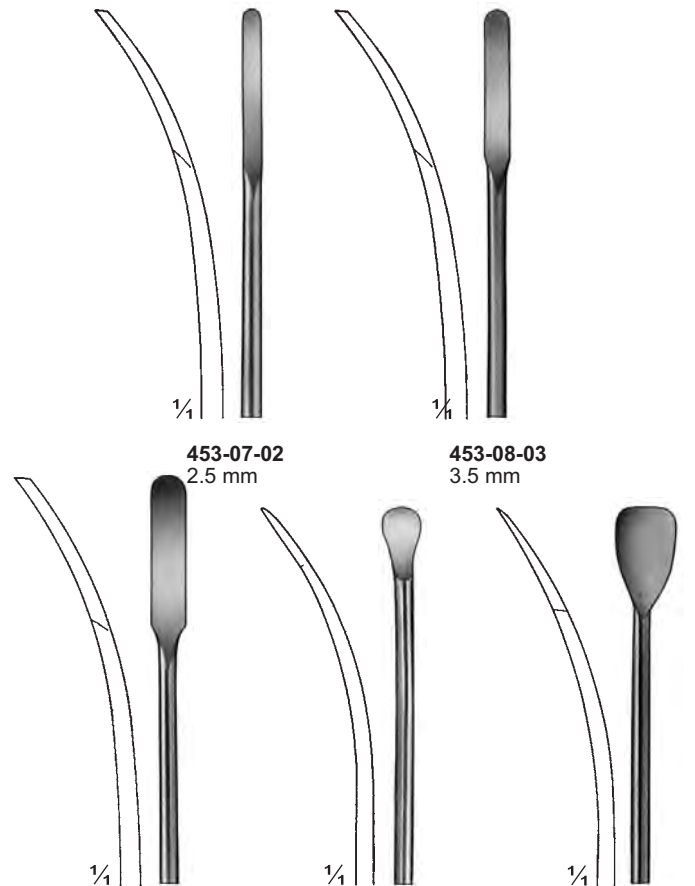
Freer-Yasargil  
453-05-18  
18.5 cm / 7 1/4"



Cohen  
453-06-24  
24 cm / 9 1/2"



Paulsen  
453-07-02 To 453-11-08  
20 cm / 8"



453-07-02  
2.5 mm

453-08-03  
3.5 mm

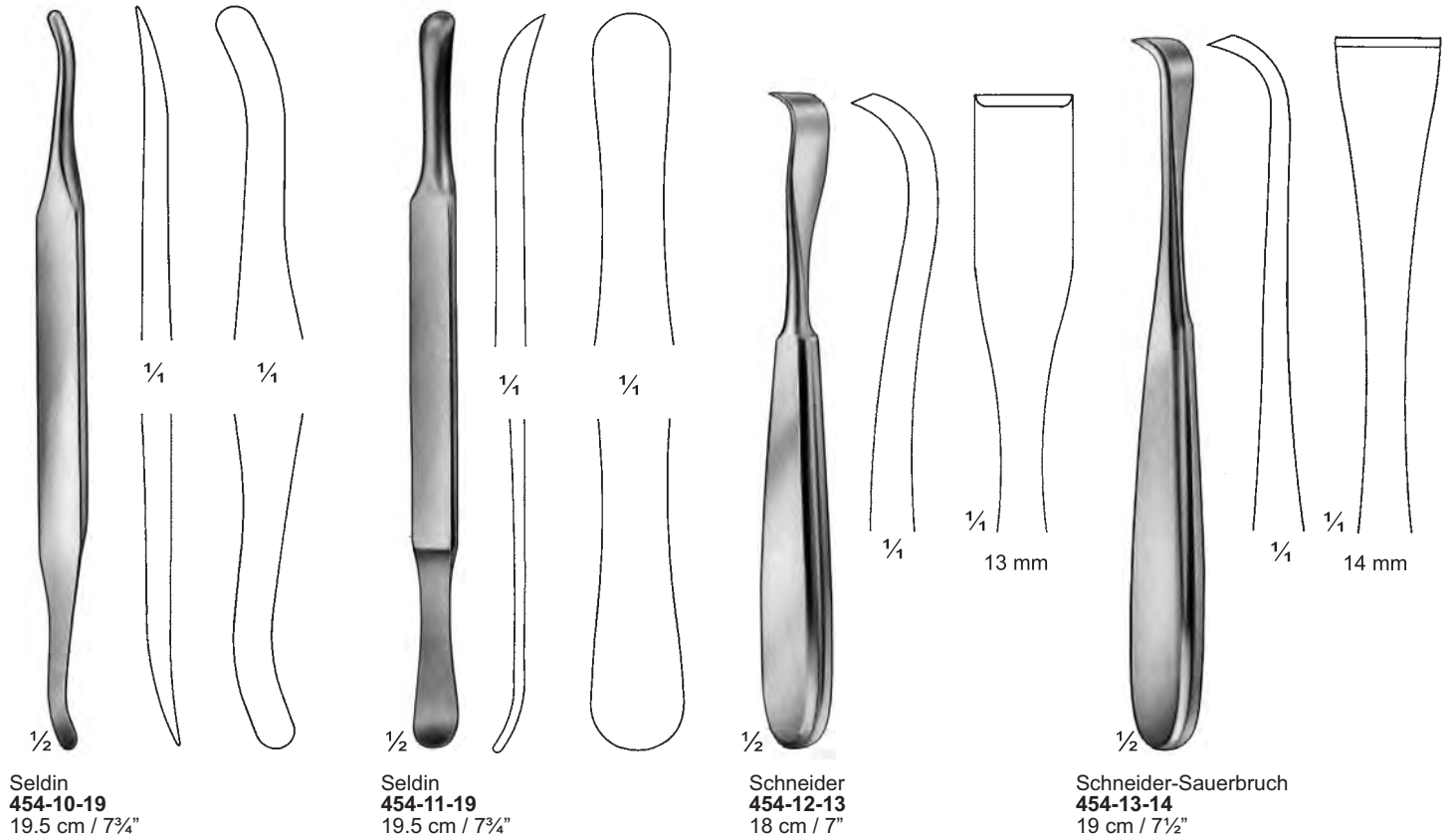
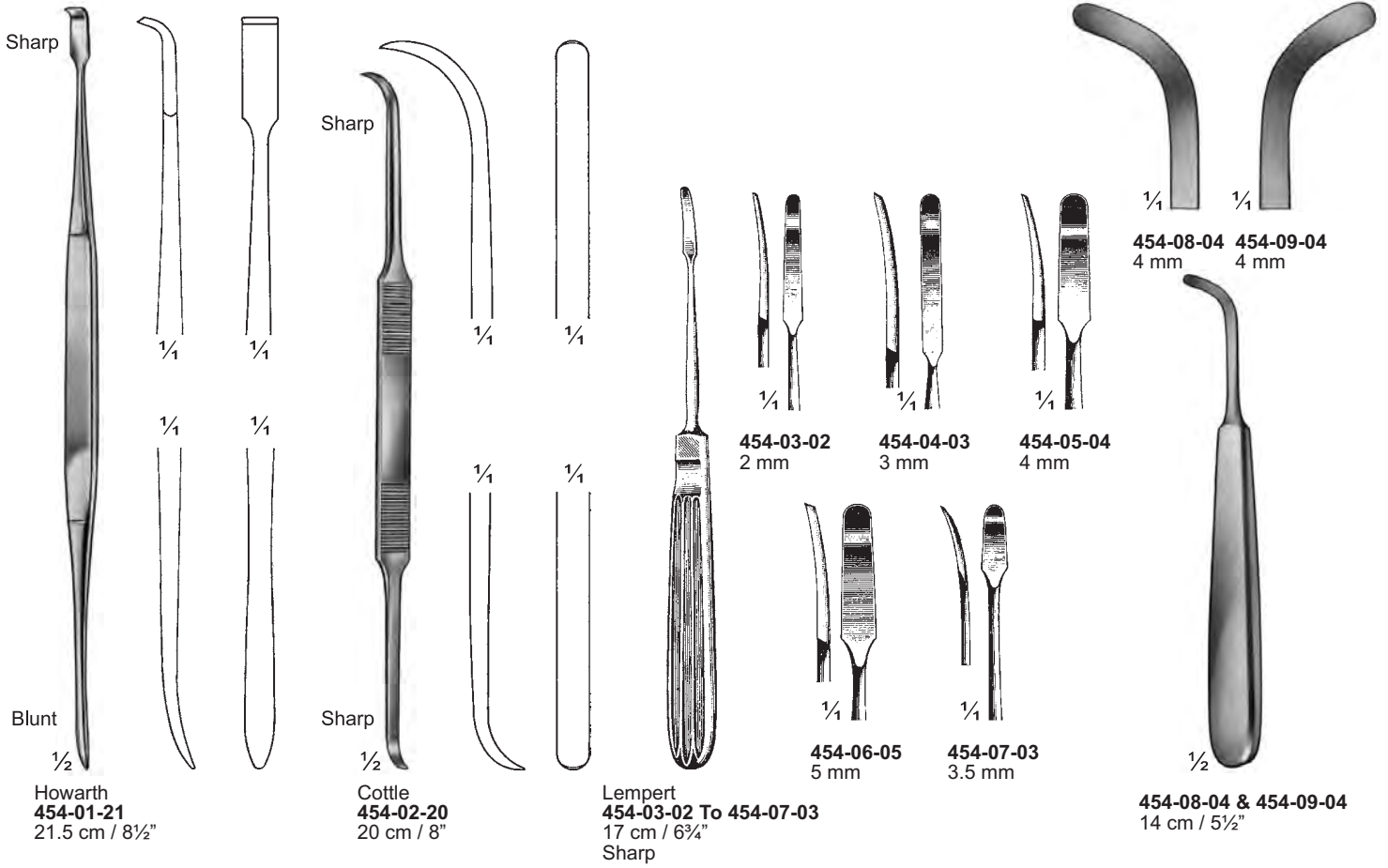
453-09-04  
4.5 mm

453-10-05  
5 mm

453-11-08  
8 mm



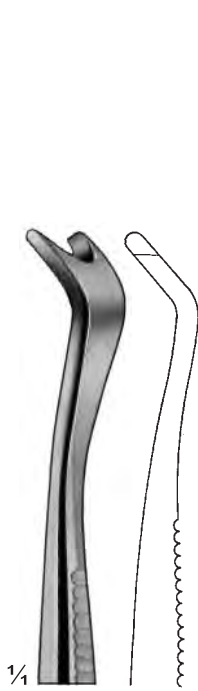
**Raspatorien  
Periosteal Elevators  
Rugines- raspatoires**



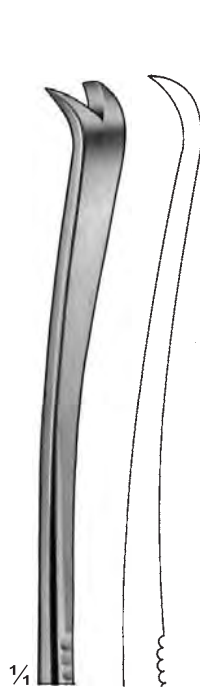
**Raspatorien  
Periosteal Elevators  
Rugines- raspatoires**



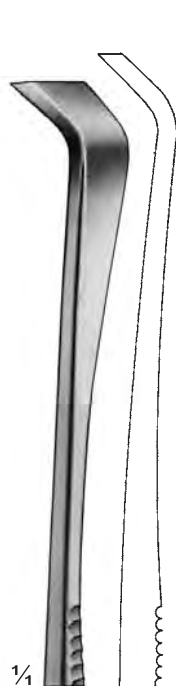
1/2



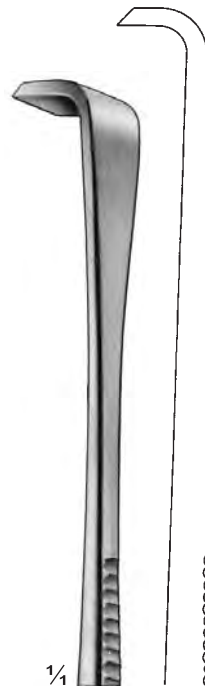
**455-01-12**  
19 cm / 7 1/2"  
12 mm



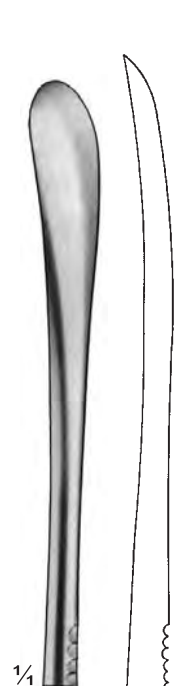
**455-02-12**  
23 cm / 9"  
12 mm



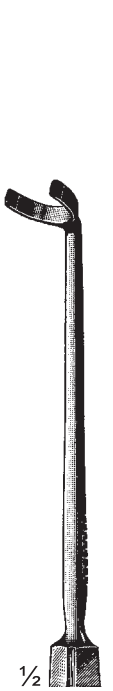
**455-03-13**  
23 cm / 9"  
13 mm



**455-04-13**  
23 cm / 9"  
13 mm



**455-05-15**  
23 cm / 9"  
15 mm

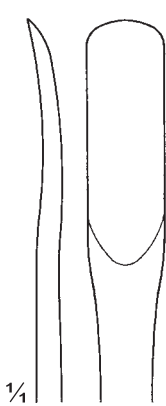


**455-06-15**  
24 cm / 9 1/2"  
15 mm

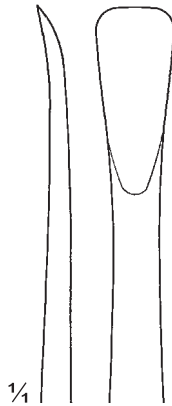
Semb  
455-01-12 To 455-06-15



1/2



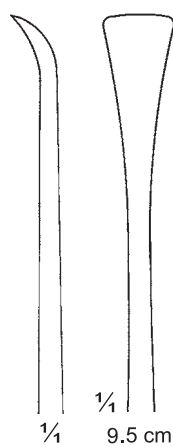
**455-07-10**  
18.5 cm / 7 1/4"  
10 mm



**455-08-10**  
19 cm / 7 1/2"  
10 mm



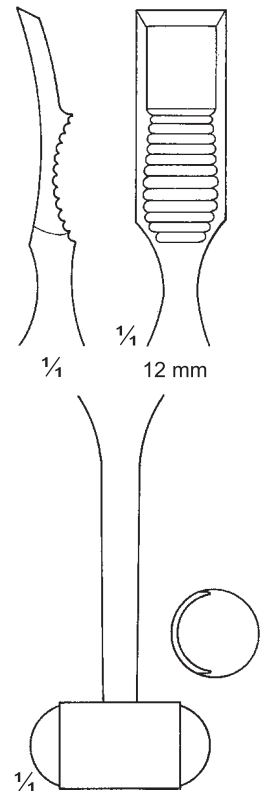
1/2



**Alexander  
455-09-09**  
20 cm / 8"



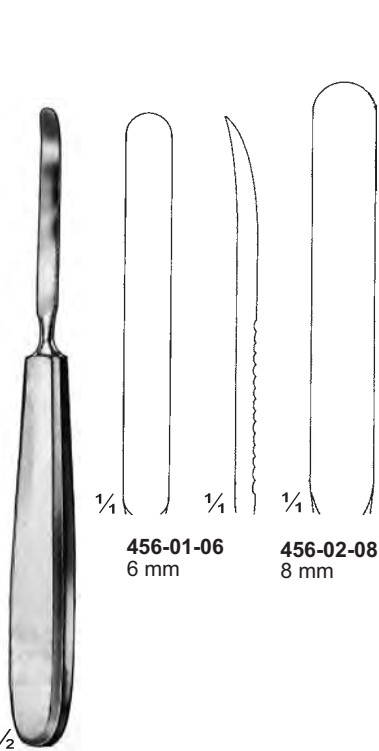
1/2



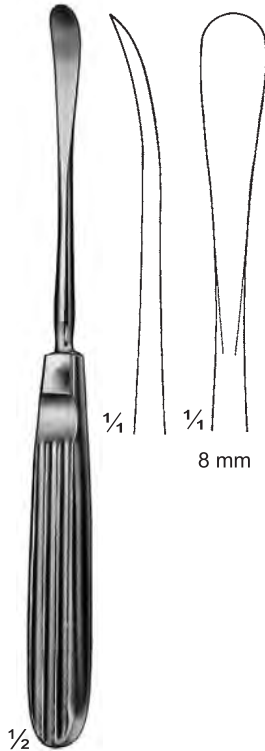
**Alexander  
455-10-12**  
21 cm / 8 1/4"

Kramer  
455-07-10 & 455-08-10

**Raspatorien  
Periosteal Elevators  
Rugines- raspatoires**

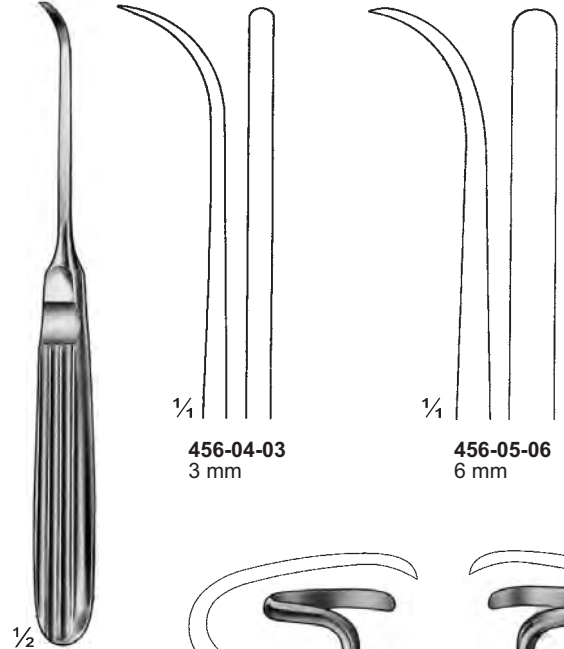


**456-01-06 & 456-02-08**  
17 cm / 6¾"



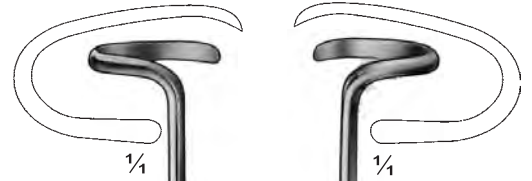
**Cottle  
456-03-08**  
19.5 cm / 7¾"

**456-04-03 & 456-05-06**  
17 cm / 6¾"



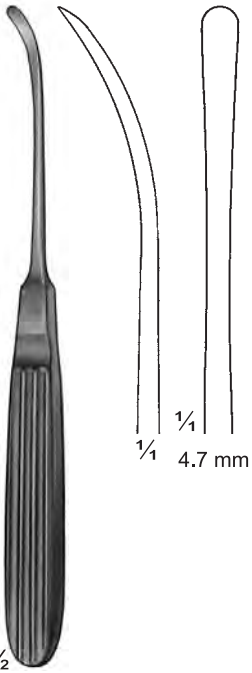
**456-04-03**  
3 mm

**456-05-06**  
6 mm



¼

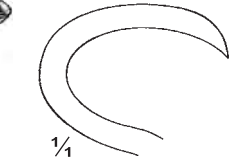
¼



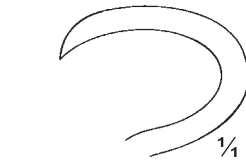
**Landolt  
456-06-04**  
18 cm / 7"



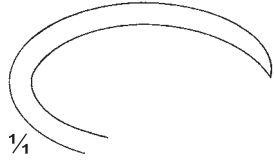
**Doyen  
456-07-17 To 456-10-17**  
17 cm / 6¾"



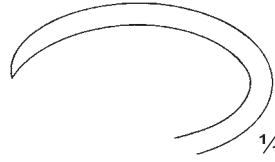
**456-07-17**



**456-08-17**



**456-09-17**



**456-10-17**

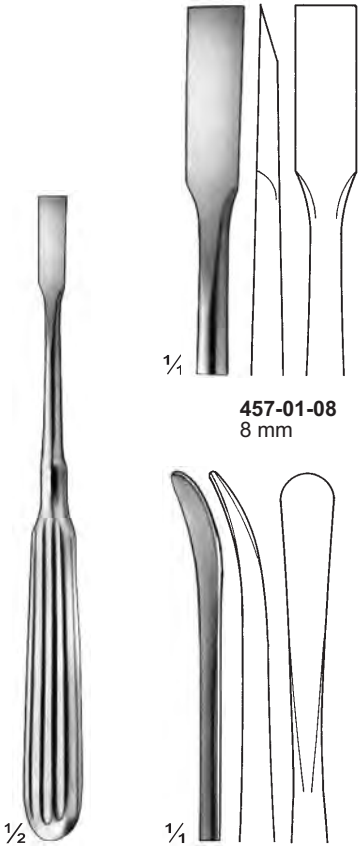


**Doyen  
456-11-24**  
24 cm / 9½"

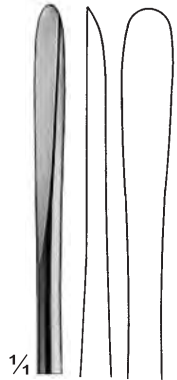


**Doyen  
456-12-24**  
24 cm / 9½"

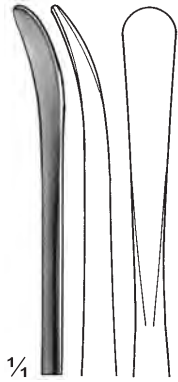
**Raspatorien  
Periosteal Elevators  
Rugines- raspatoires**



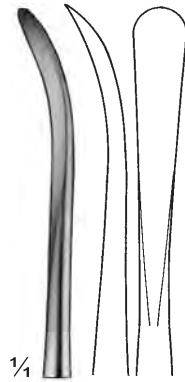
**457-01-08**  
8 mm



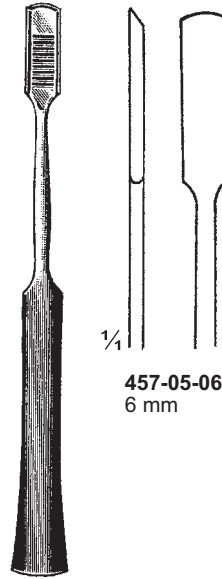
**457-02-07**  
7 mm



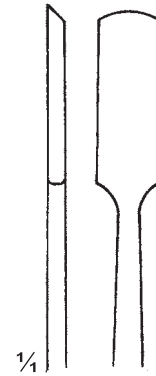
**457-03-07**  
7 mm



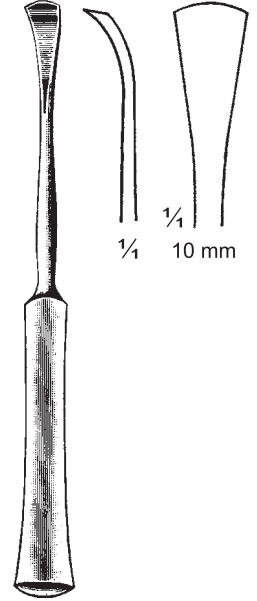
**457-04-07**  
7 mm



**457-05-06**  
6 mm



**457-06-09**  
9 mm



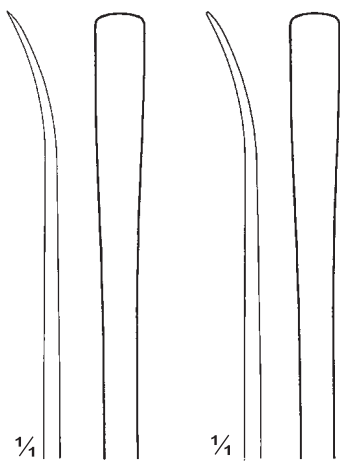
**Hylin**  
**457-07-10**  
14.5 cm / 5 3/4"

**Adson**  
**457-01-08 To 457-04-07**  
17 cm / 6 3/4"

**Mathieu**  
**457-05-06 & 457-06-09**  
14 cm / 5 1/2"



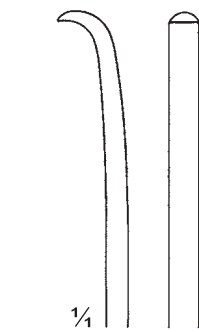
**457-08-06**  
6.2 mm



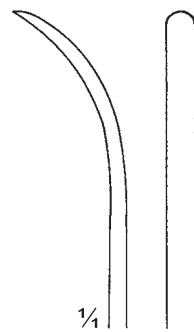
**457-09-06**  
6.2 mm



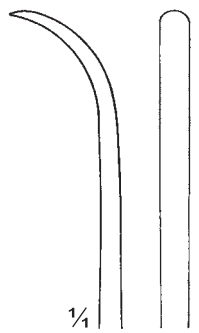
**Muhling**  
**457-10-04 To 457-13-6**  
17 cm / 6 3/4"



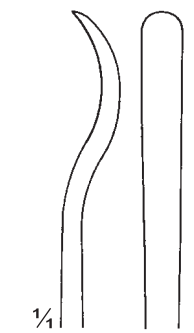
**457-10-04**  
4 mm



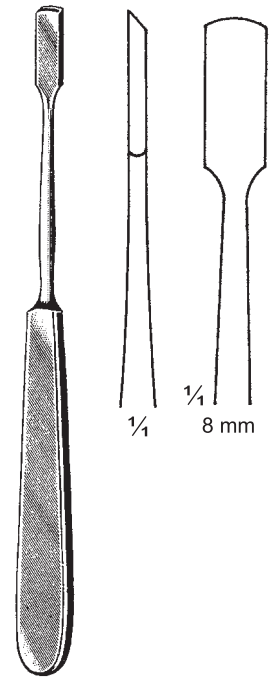
**457-11-04**  
4 mm



**457-12-04**  
4 mm



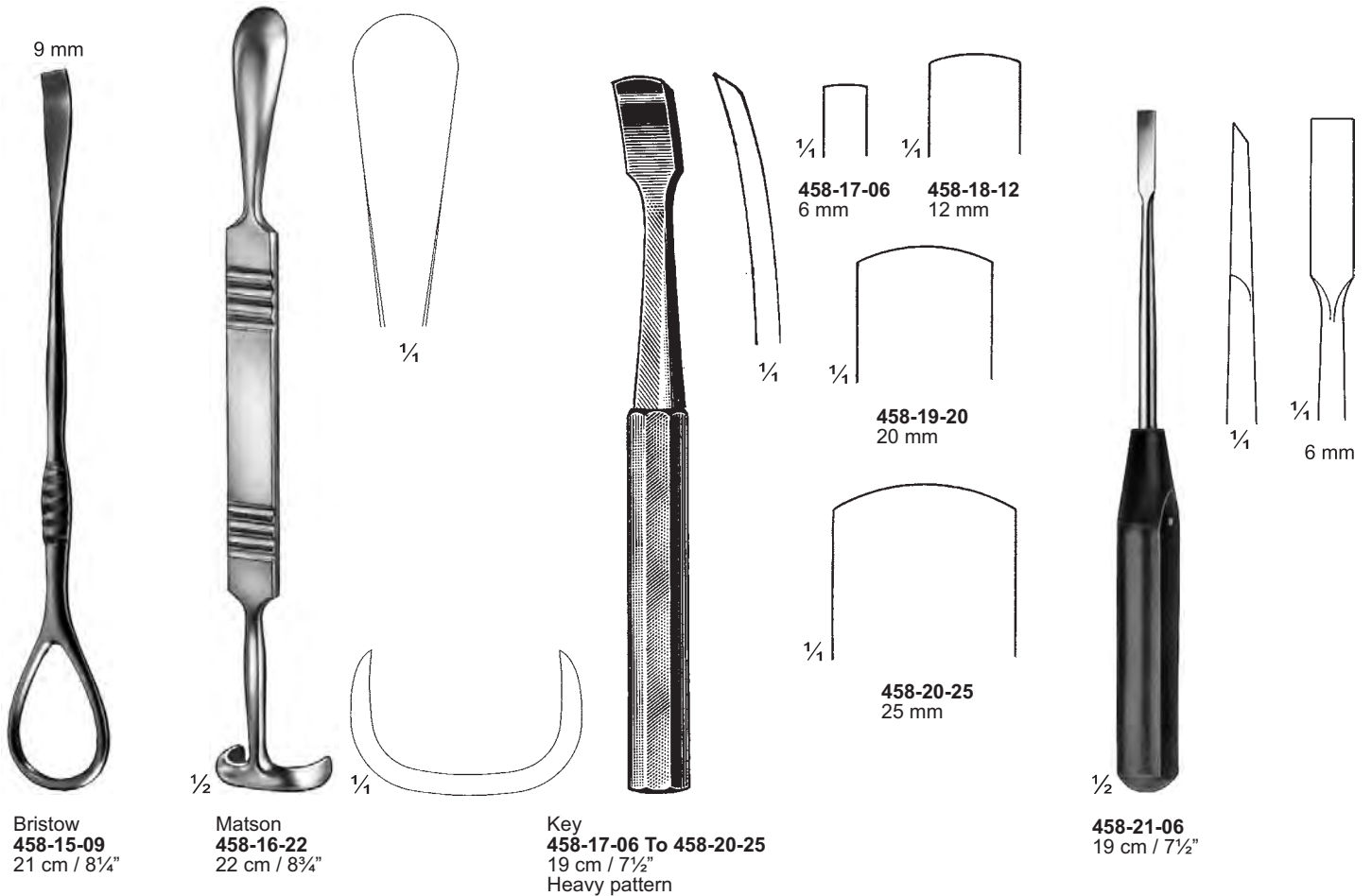
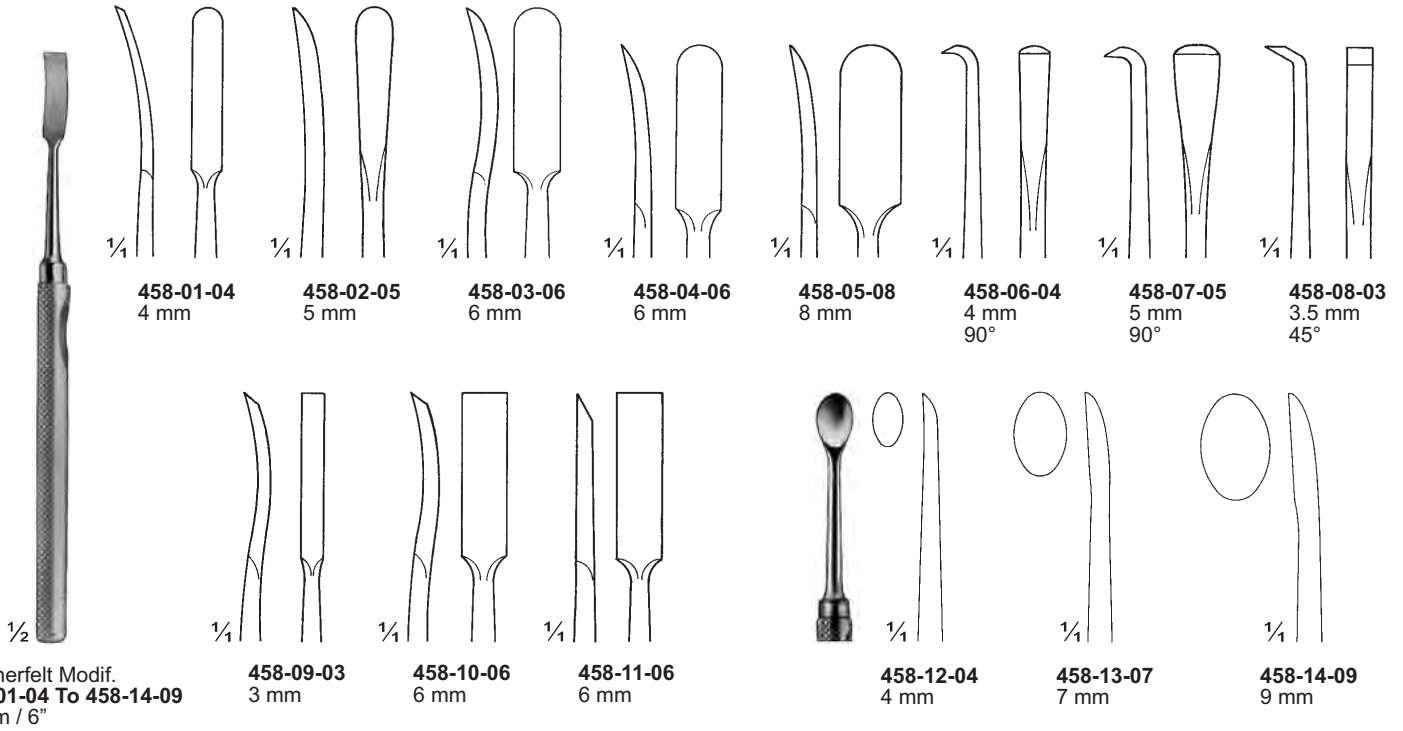
**457-13-06**  
6 mm

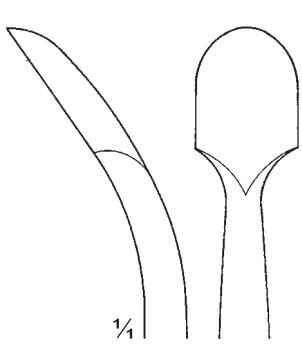


**Olivecrona**  
**457-14-08**  
18 cm / 7"

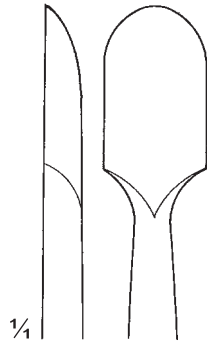
**Caspar**  
**457-08-06 & 457-09-06**  
18 cm / 7"

# Raspatorien Periosteal Elevators Rugines- raspatoires

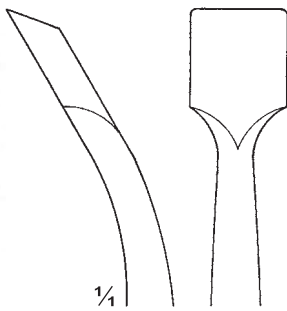




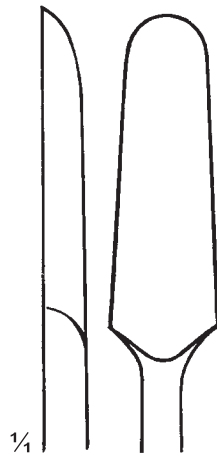
**459-01-14**  
14 mm



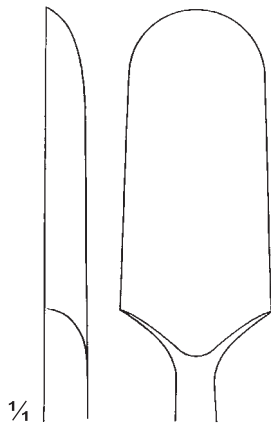
**459-02-14**  
14 mm



**459-03-13**  
13 mm



**459-04-13**  
13 mm



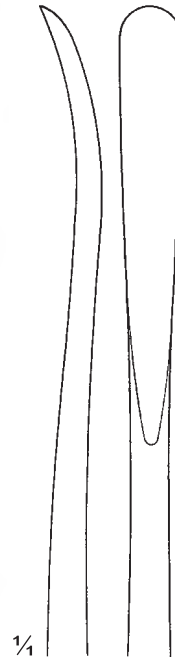
**459-05-20**  
20 mm



**459-01-14 To 459-05-20**  
20 cm / 8"



**Wagner**  
**459-06-08 & 459-07-17**  
33 cm / 13"

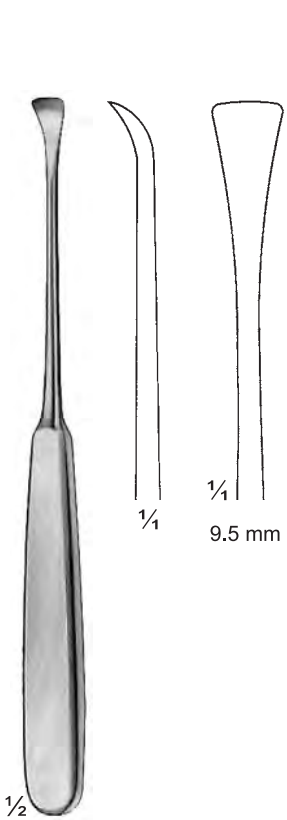


**459-06-08**  
8 mm



**459-07-17**  
17 mm

**Raspatorien  
Periosteal Elevators  
Rugines- raspatoires**



**Buchs  
460-01-09  
19 cm / 7 1/2"**



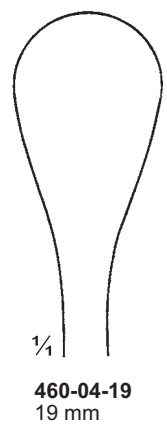
**Cobb  
460-02-10 To 460-05-25  
25 cm / 10"**



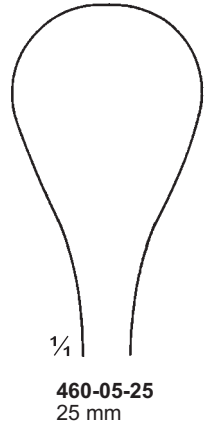
**460-02-10  
10 mm**



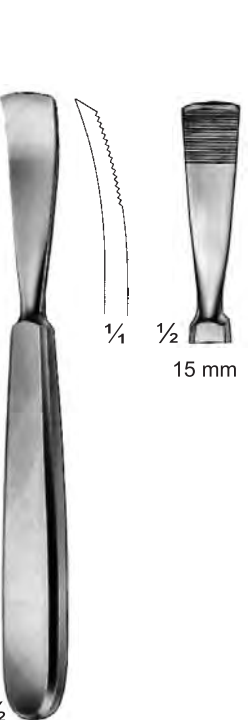
**460-03-13  
13 mm**



**460-04-19  
19 mm**



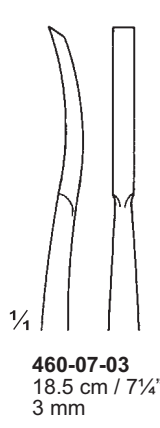
**460-05-25  
25 mm**



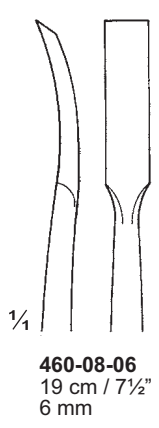
**Jansen  
460-06-15  
16.5 cm / 6 1/2"**



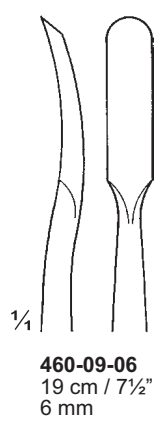
**460-07-03 To 460-09-06**



**460-07-03  
18.5 cm / 7 1/4"  
3 mm**



**460-08-06  
19 cm / 7 1/2"  
6 mm**



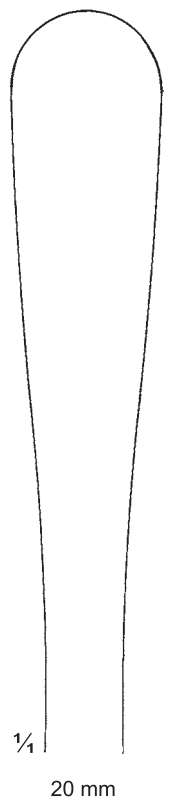
**460-09-06  
19 cm / 7 1/2"  
6 mm**



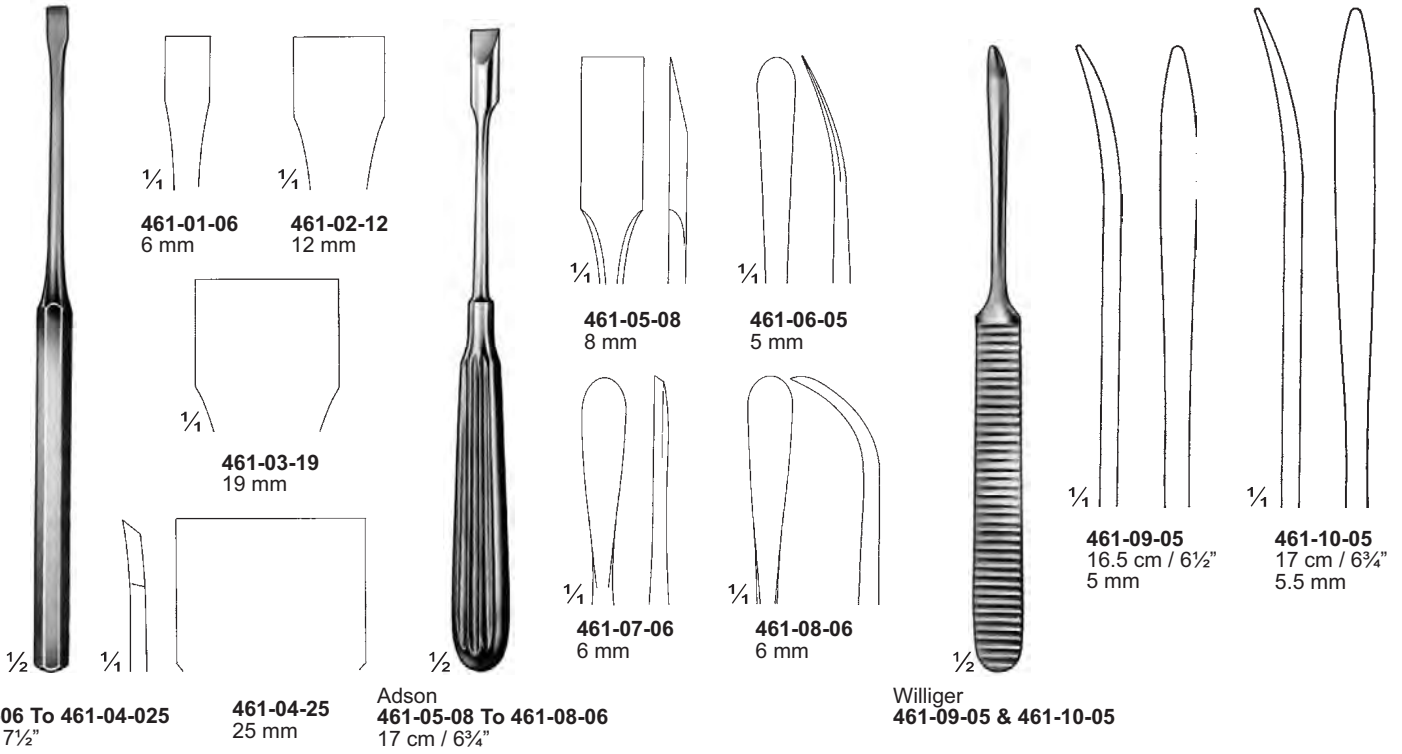
**460-10-20  
27.5 cm / 10 3/4"**



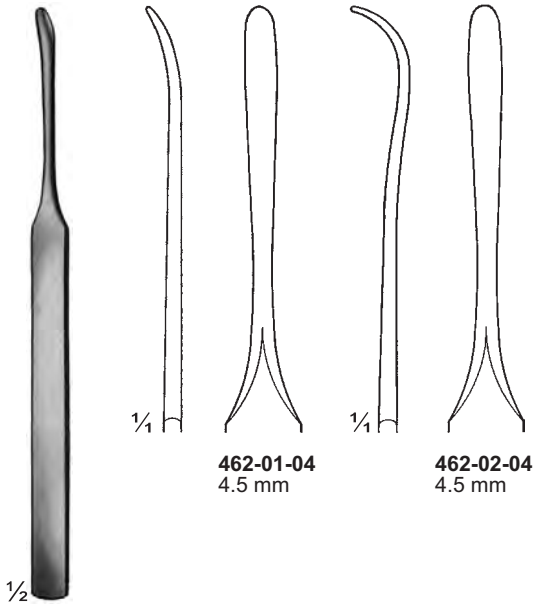
**1/4**



**1/4  
20 mm**



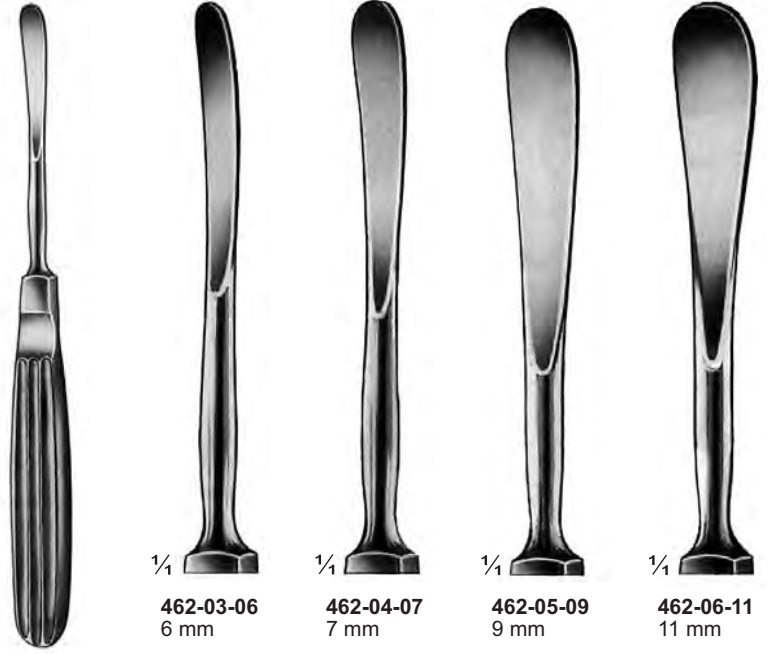




**462-01-04**  
4.5 mm

**462-02-04**  
4.5 mm

**Koenig**  
**462-01-04 & 462-02-04**  
15 cm / 6"



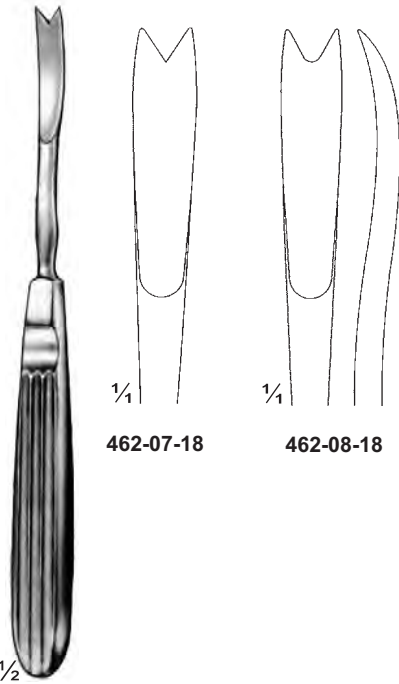
**462-03-06**  
6 mm

**462-04-07**  
7 mm

**462-05-09**  
9 mm

**462-06-11**  
11 mm

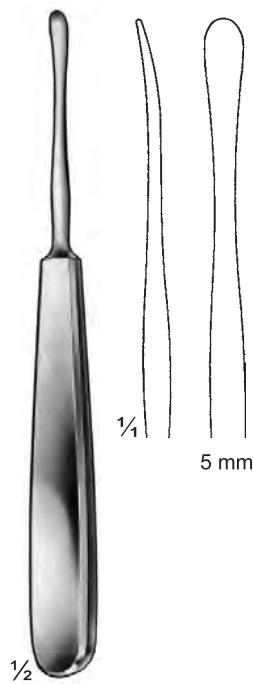
**Obwegesser**  
**462-03-06 To 462-06-11**  
18 cm / 7"



**462-07-18**

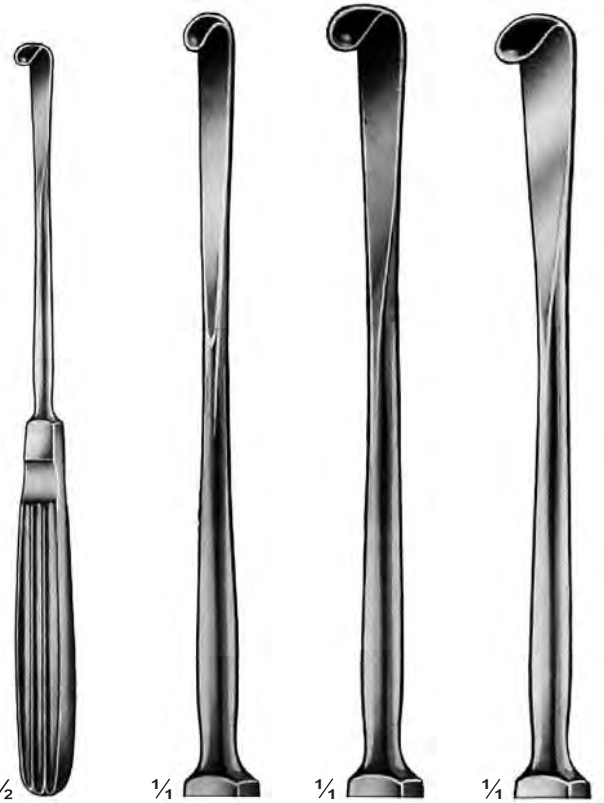
**462-08-18**

**Obwegesser**  
**462-07-18 & 462-08-18**  
18 cm / 7"



**5 mm**

**Sebileau**  
**462-09-05**  
18 cm / 7"



**Obwegesser**  
**462-10-05 To 462-12-09**  
20 cm / 8"

**462-10-05**  
5 mm

**462-11-07**  
7 mm

**462-12-09**  
9 mm



Obwegesser  
463-01-21  
21 cm / 8 1/4"



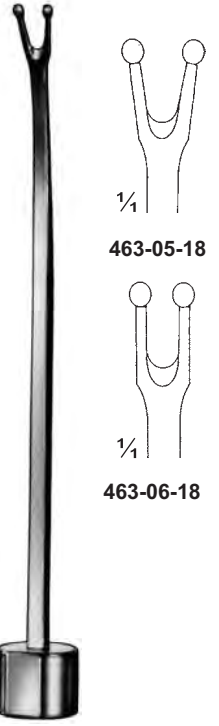
Obwegesser  
463-02-21  
21 cm / 8 1/4"



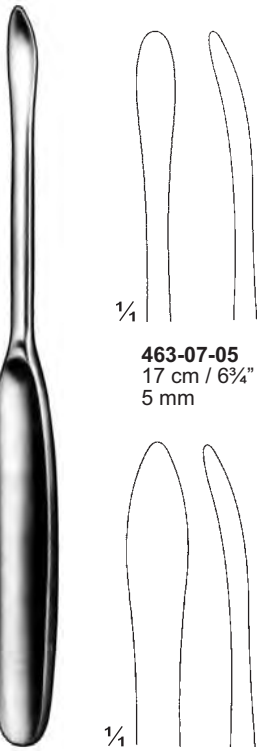
Alderdyce  
463-03-21  
21 cm / 8 1/4"



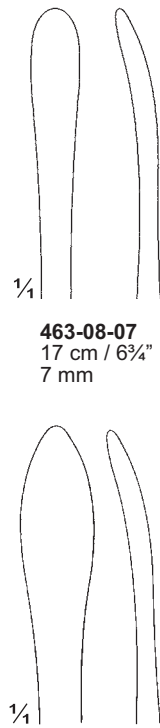
McDonald  
463-04-19  
19 cm / 7 1/2"



Obwegesser  
463-05-18 & 463-06-18  
18.5 cm / 7 1/4"



Langenbeck  
463-07-05 To 463-10-10  
20 cm / 8"  
8 mm



463-08-07  
17 cm / 6 3/4"  
7 mm



Obwegesser  
463-11-02 To 463-13-06  
15 cm / 6"



463-11-02  
2.5 mm



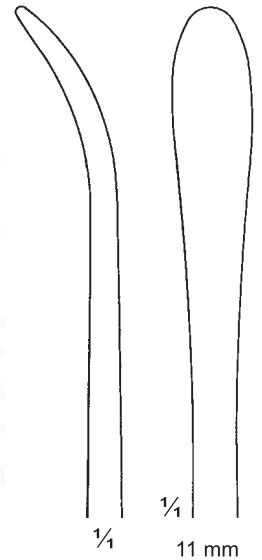
463-12-04  
4 mm

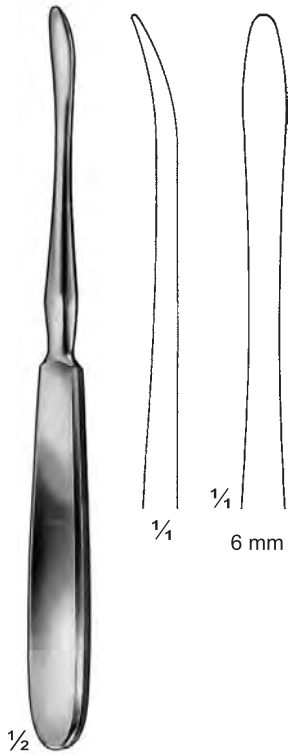


463-13-06  
6.5 mm

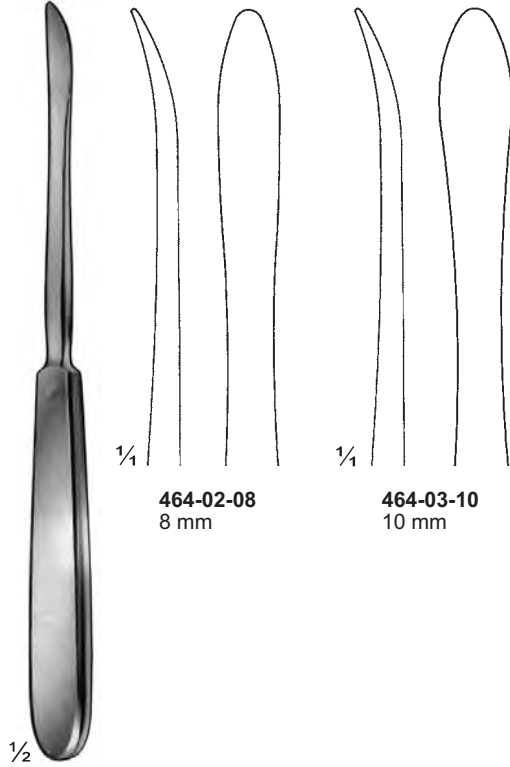


Langenbeck  
463-14-11  
23 cm / 9"

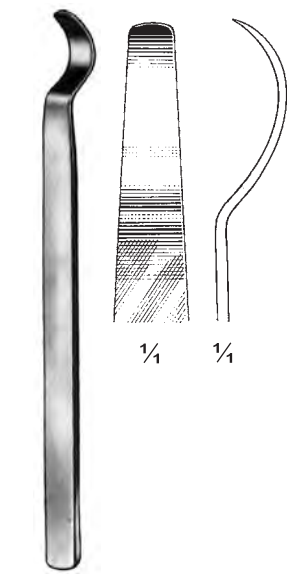




Quervain  
464-01-06  
19.5 cm / 7¾"



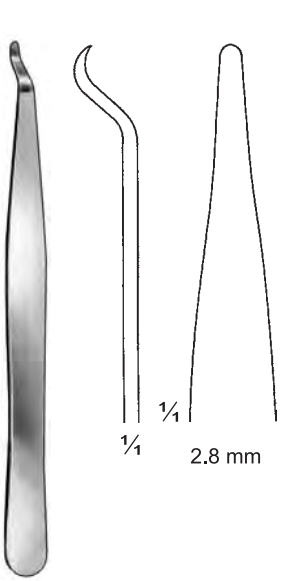
Langenbeck  
464-02-08 & 464-03-10  
19.5 cm / 7¾"



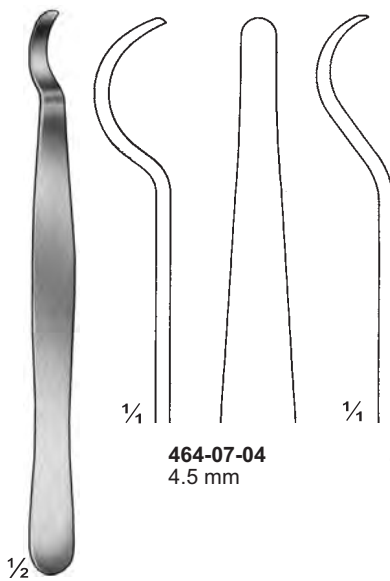
464-04-14  
14 cm / 5½"



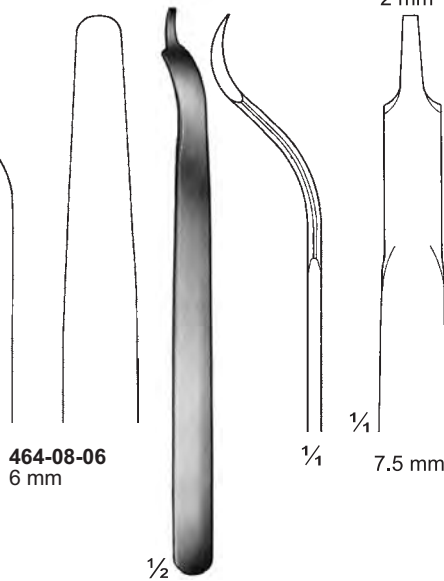
Bunnell  
464-05-14  
14 cm / 5½"



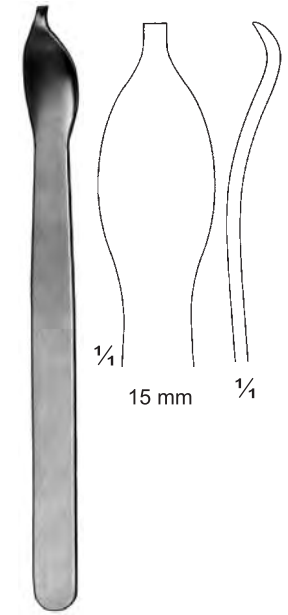
464-06-02  
15 cm / 6"



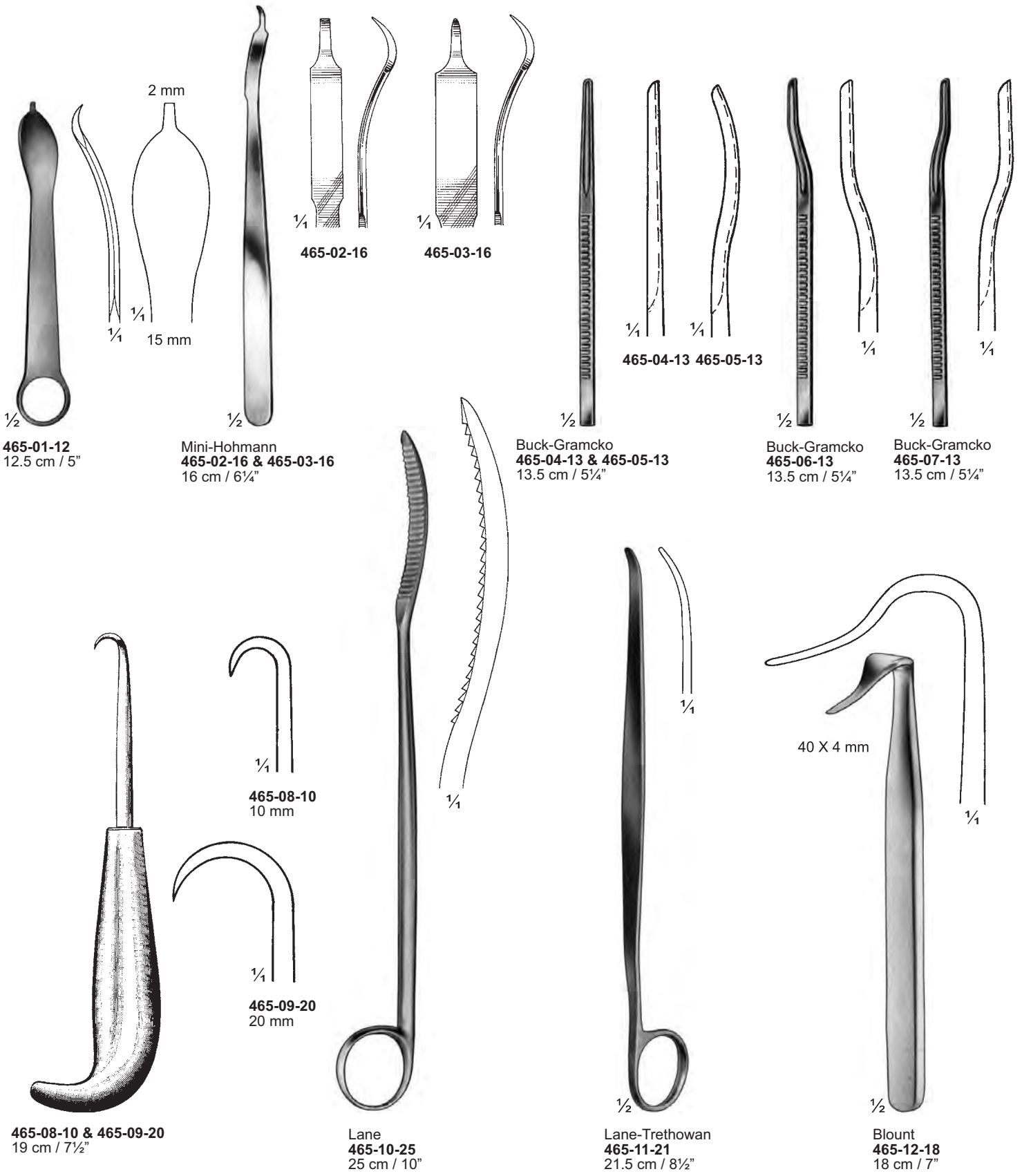
464-07-04 & 464-08-06  
15 cm / 6"



Buck-Gramcko  
464-09-07  
15 cm / 6"



464-10-15  
15 cm / 6"

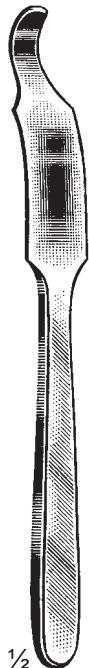




Blount  
466-01-26  
26 cm / 10¼"



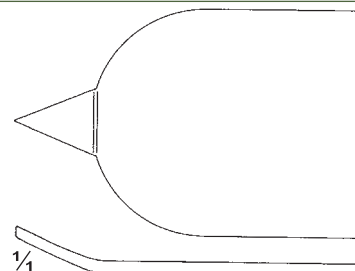
Blount  
466-02-26  
26 cm / 10¼"



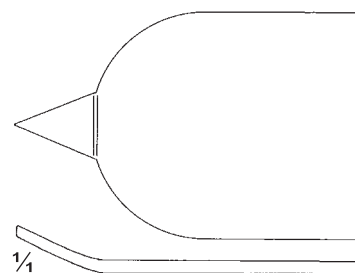
Lange-Baby  
466-03-17  
17 cm / 6¾"



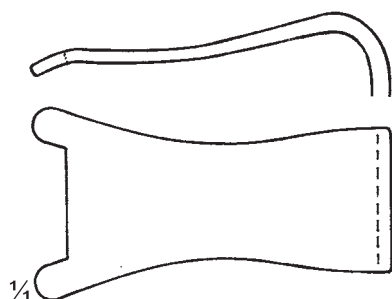
Taylor  
466-04-100 & 466-05-75  
16.5 cm / 6½"



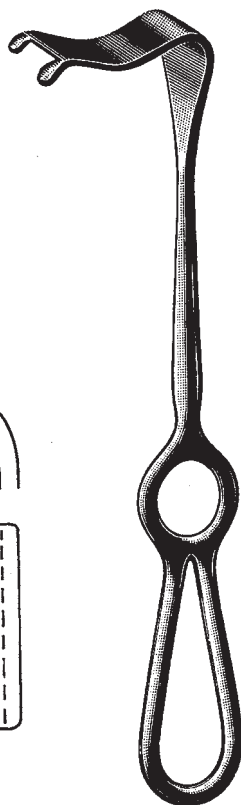
466-04-100  
100 X 30 mm



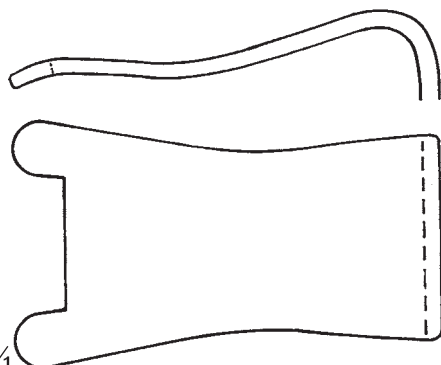
466-05-75  
75 X 30 mm



466-06  
26 X 43 mm



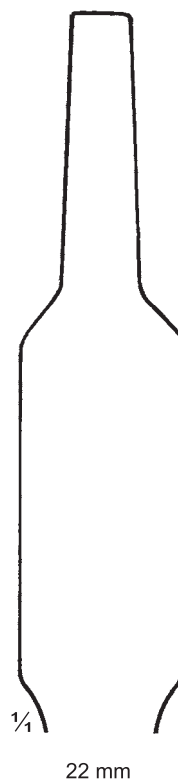
Blount  
466-06-26 & 466-07-33  
24 cm / 9½"



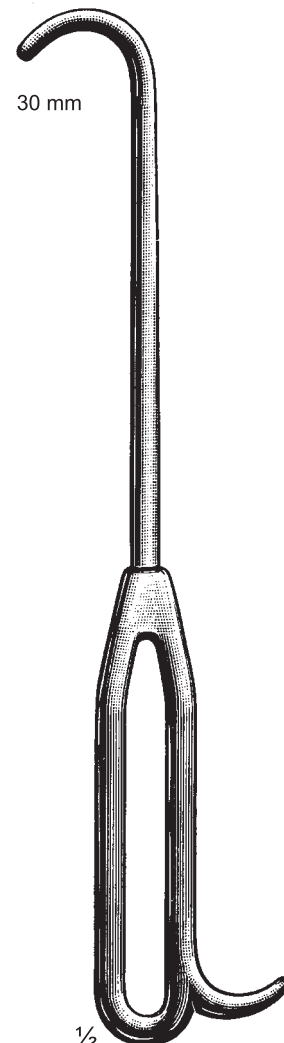
466-07  
33 X 54 mm



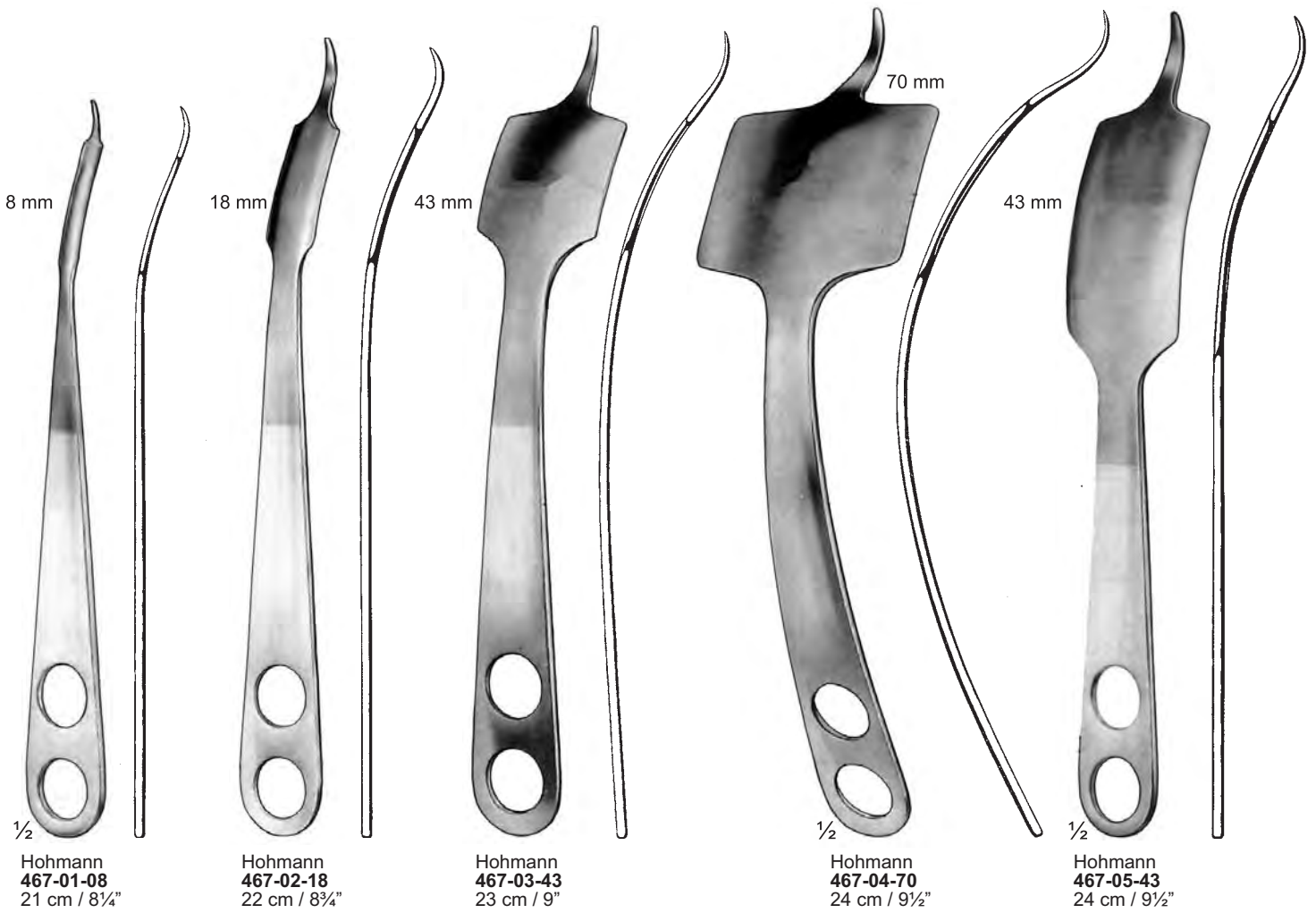
Lange  
466-08-22  
22 cm / 8¾"



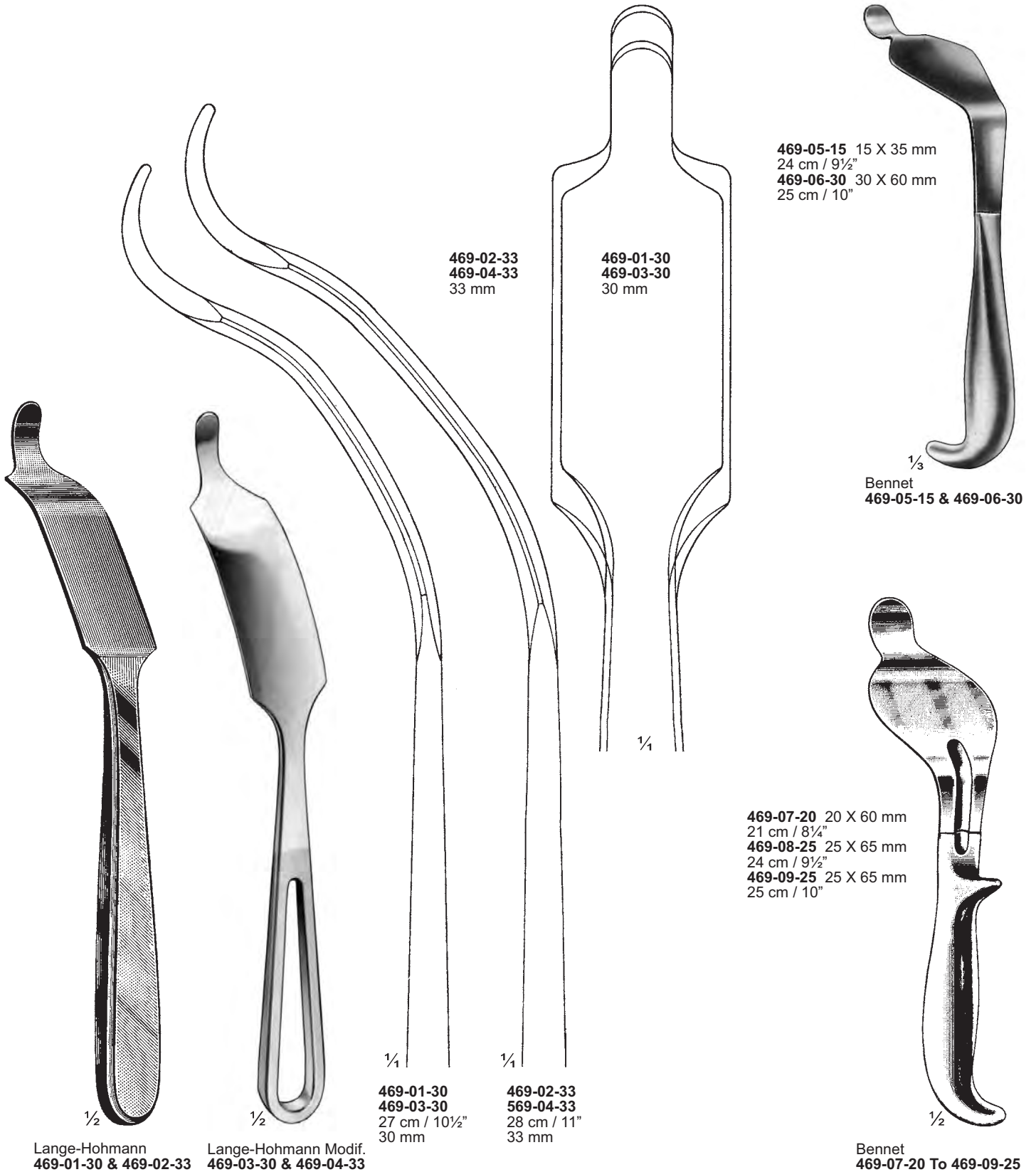
22 mm



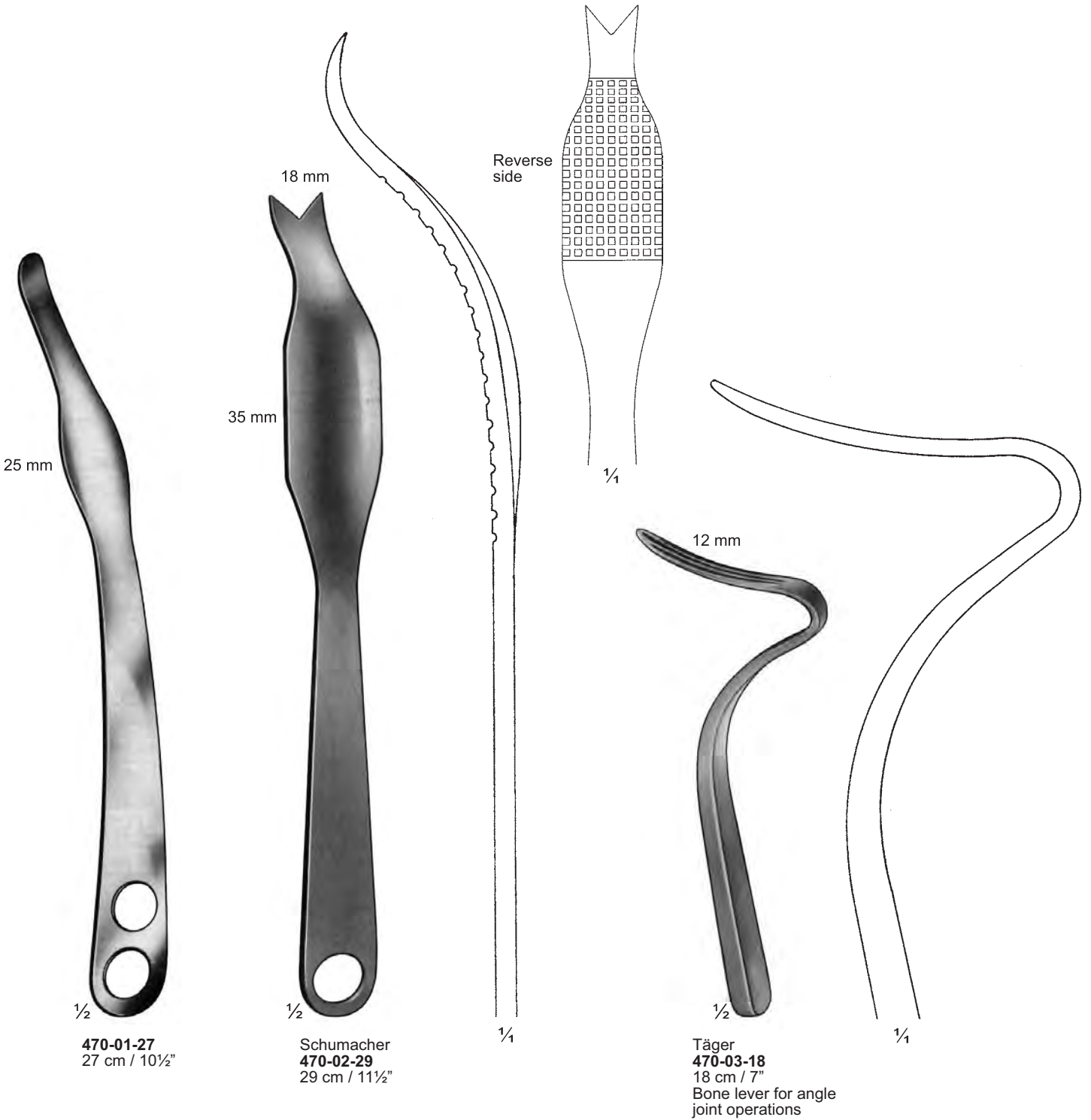
Lambotte  
466-09-30  
27 cm / 10½"

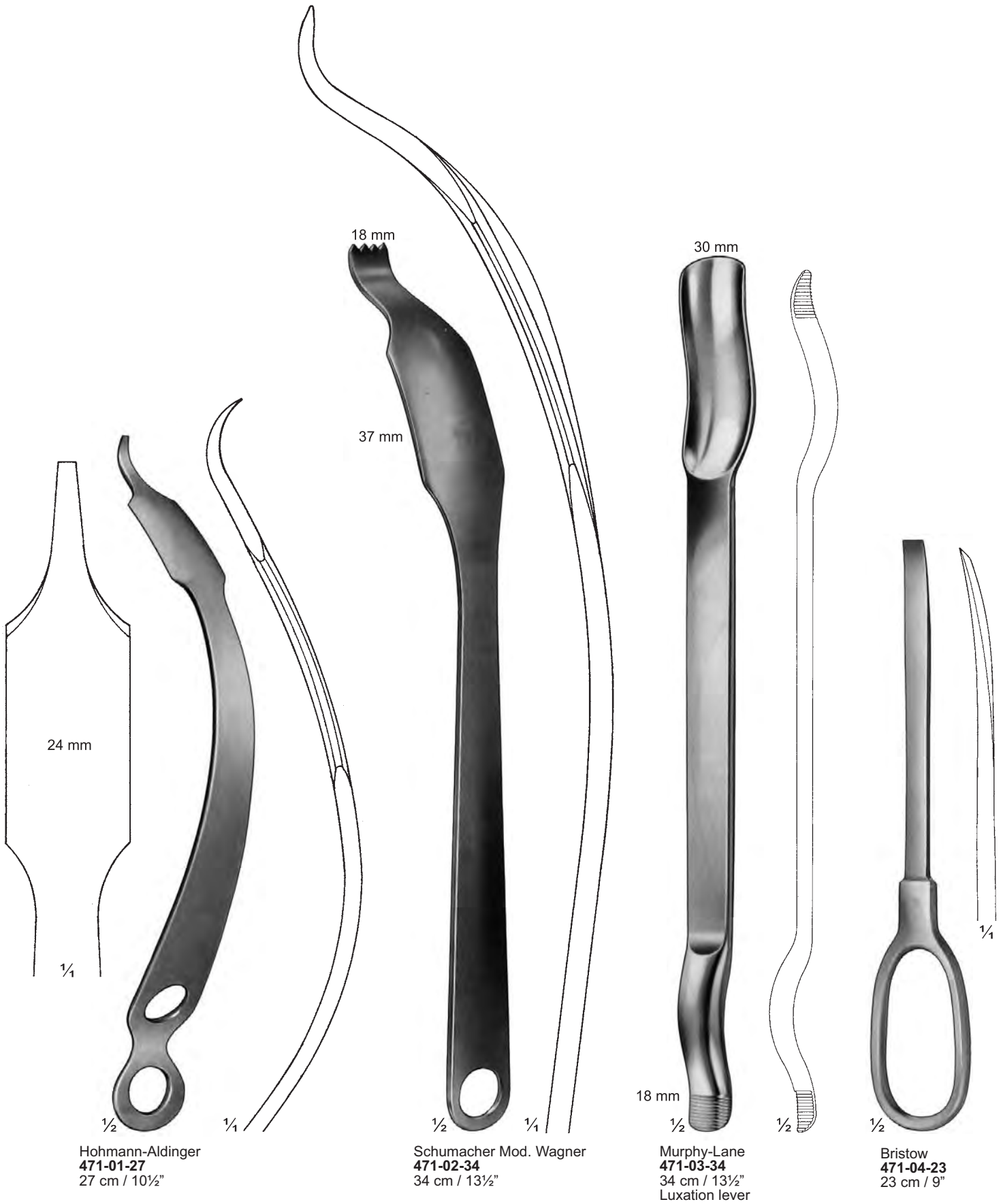






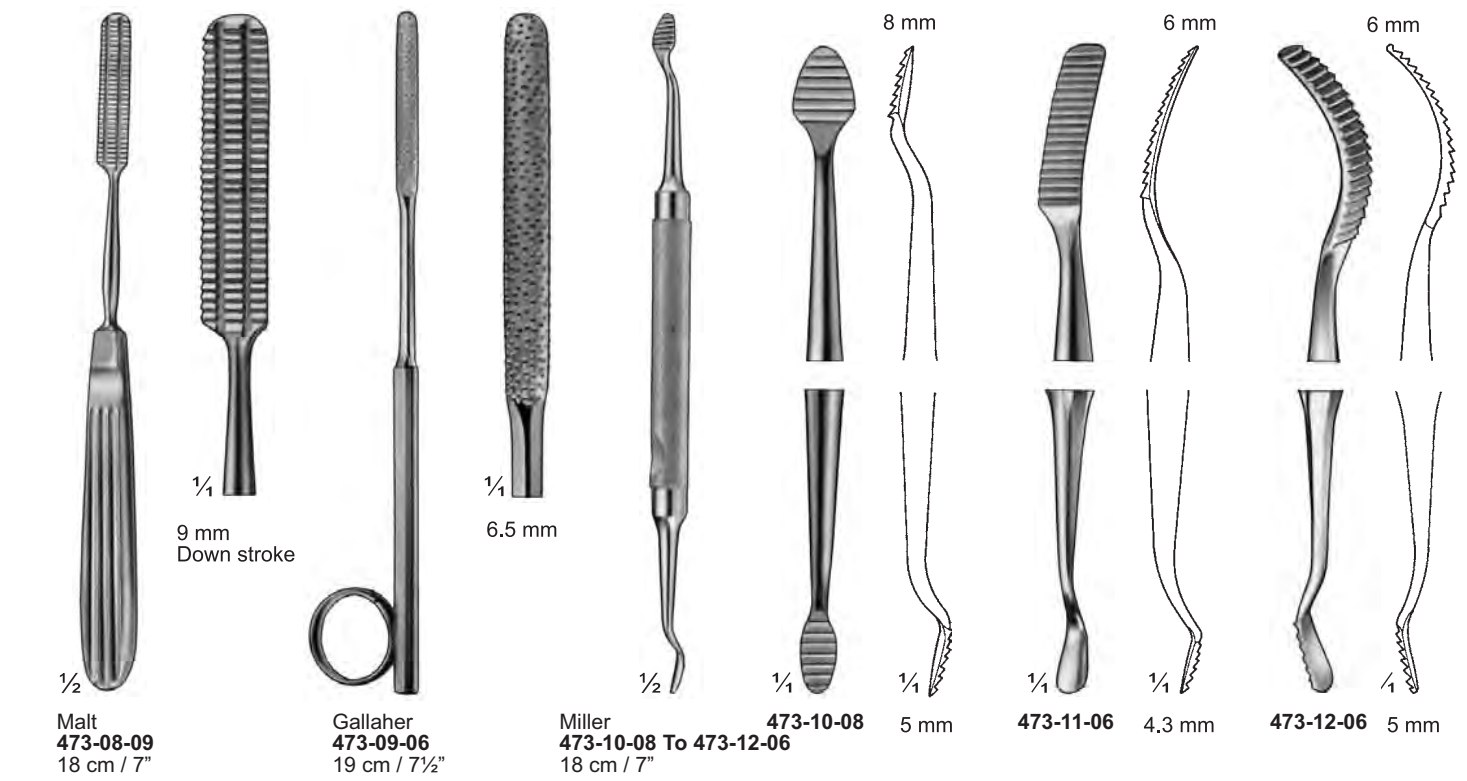
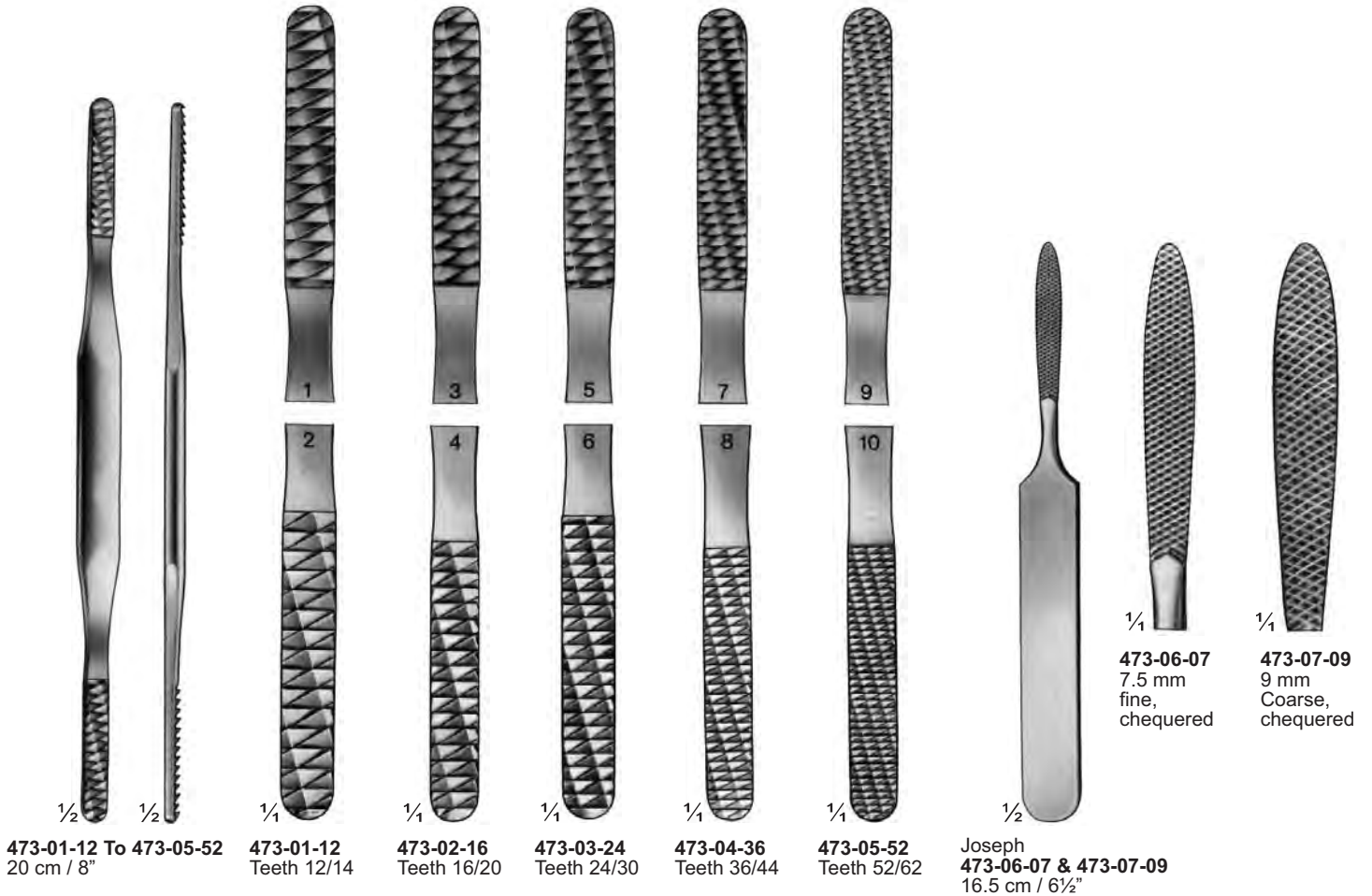




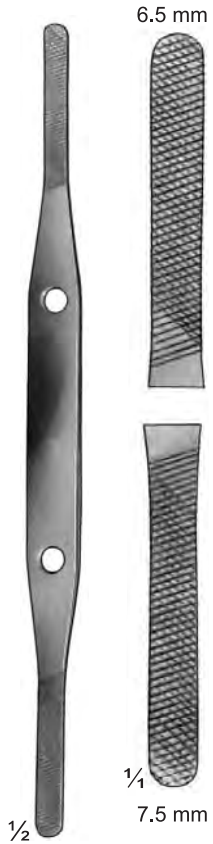




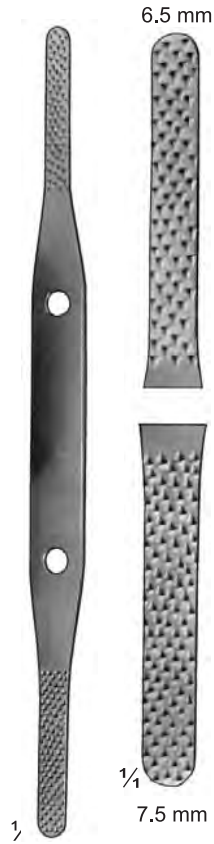
**Knochenfeilen  
Bone Files  
Limes à os**



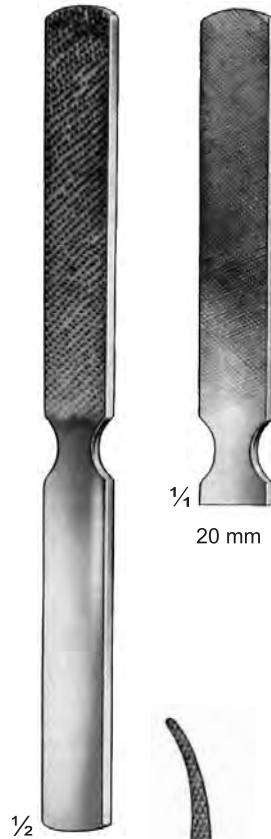
**Knochenfeilen  
Bone Files  
Limes à os**



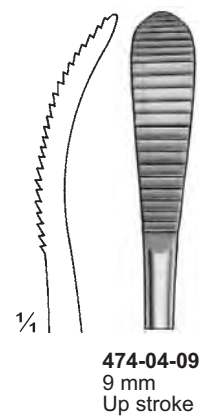
**Fomon**  
**474-01-06**  
21.5 cm / 8½"



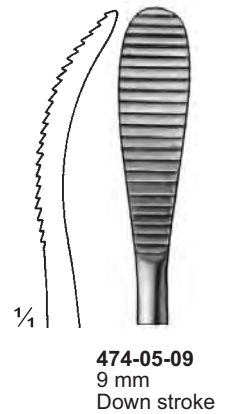
**Fomon**  
**474-02-06**  
21.5 cm / 8½"



**474-03-20**  
22 cm / 8¾"



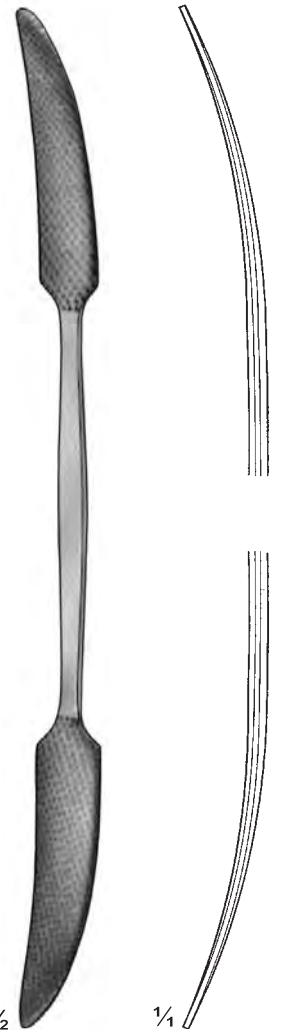
**474-04-09**  
9 mm  
Up stroke



**474-05-09**  
9 mm  
Down stroke



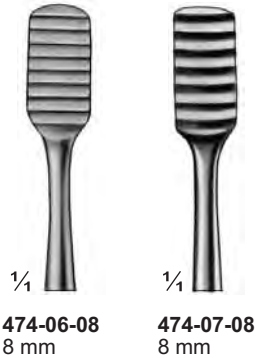
**Putti**  
**474-08-30**  
30 cm / 12"



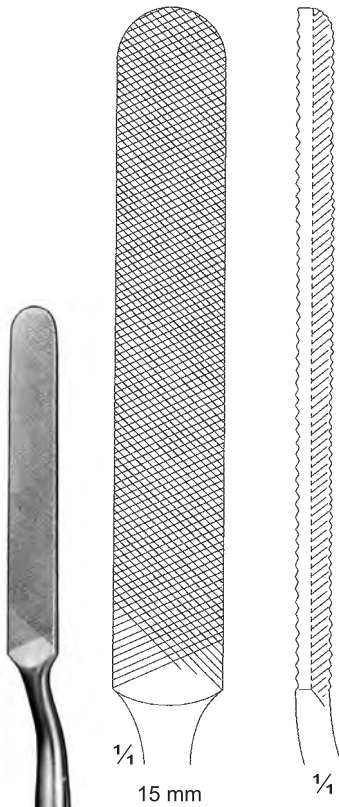
**Putti**  
**474-09-20**  
27 cm / 10½"



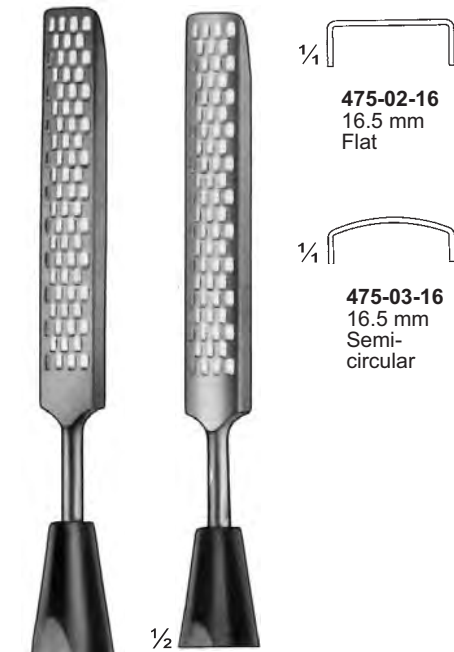
**Lewis**  
**474-06-08 & 474-07-08**  
18 cm / 7"



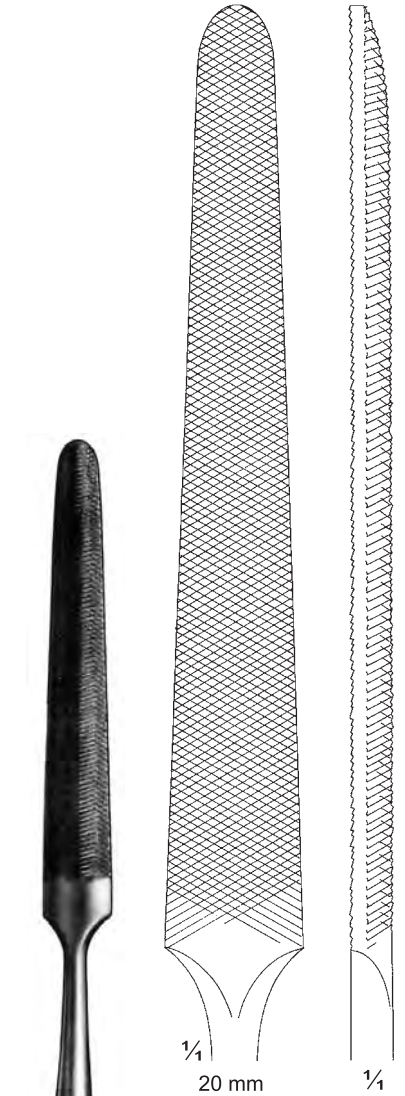
**474-07-08**  
8 mm



$\frac{1}{2}$   
**475-01-15**  
 24.5 cm / 9 $\frac{3}{4}$ "

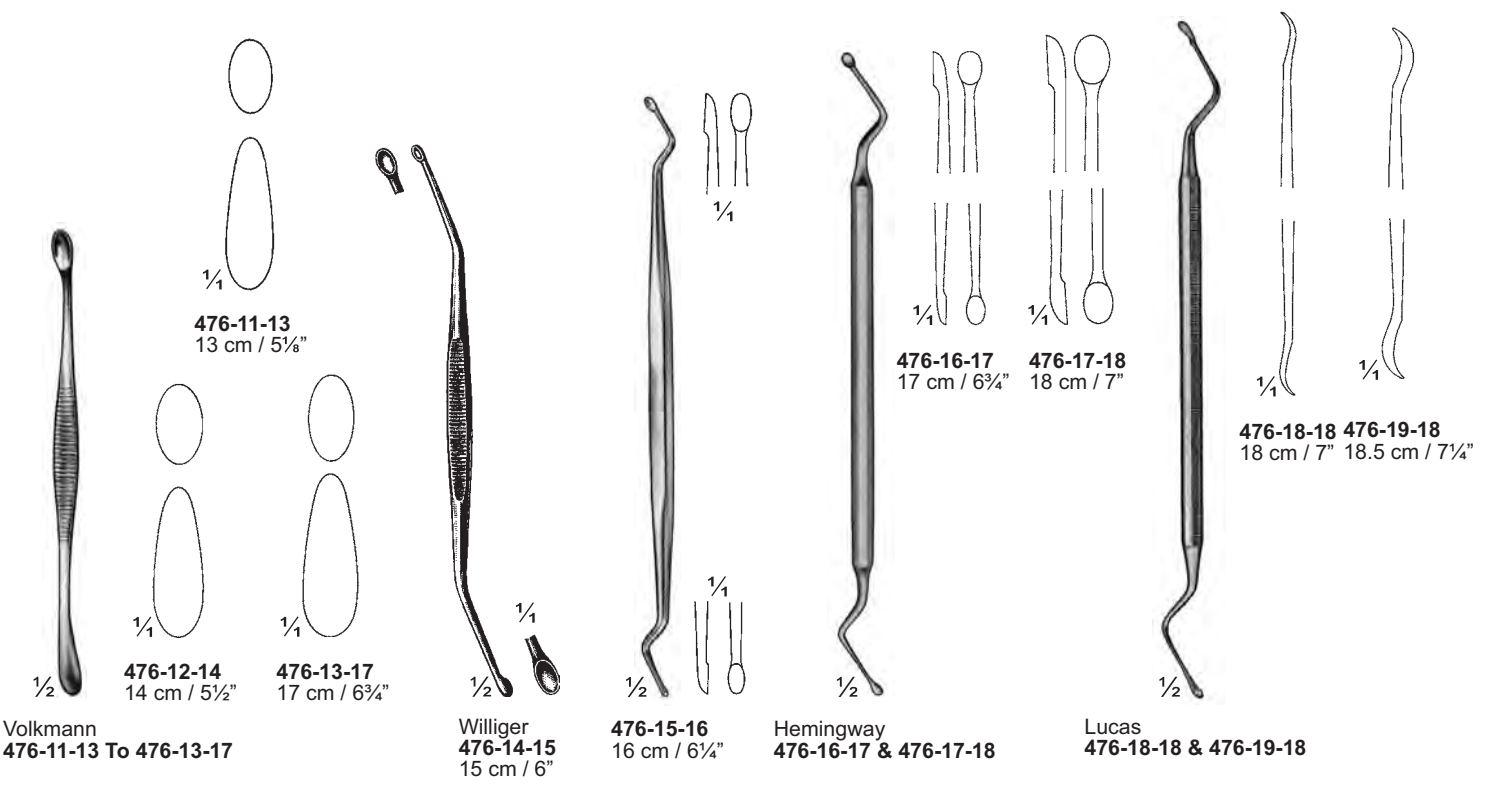
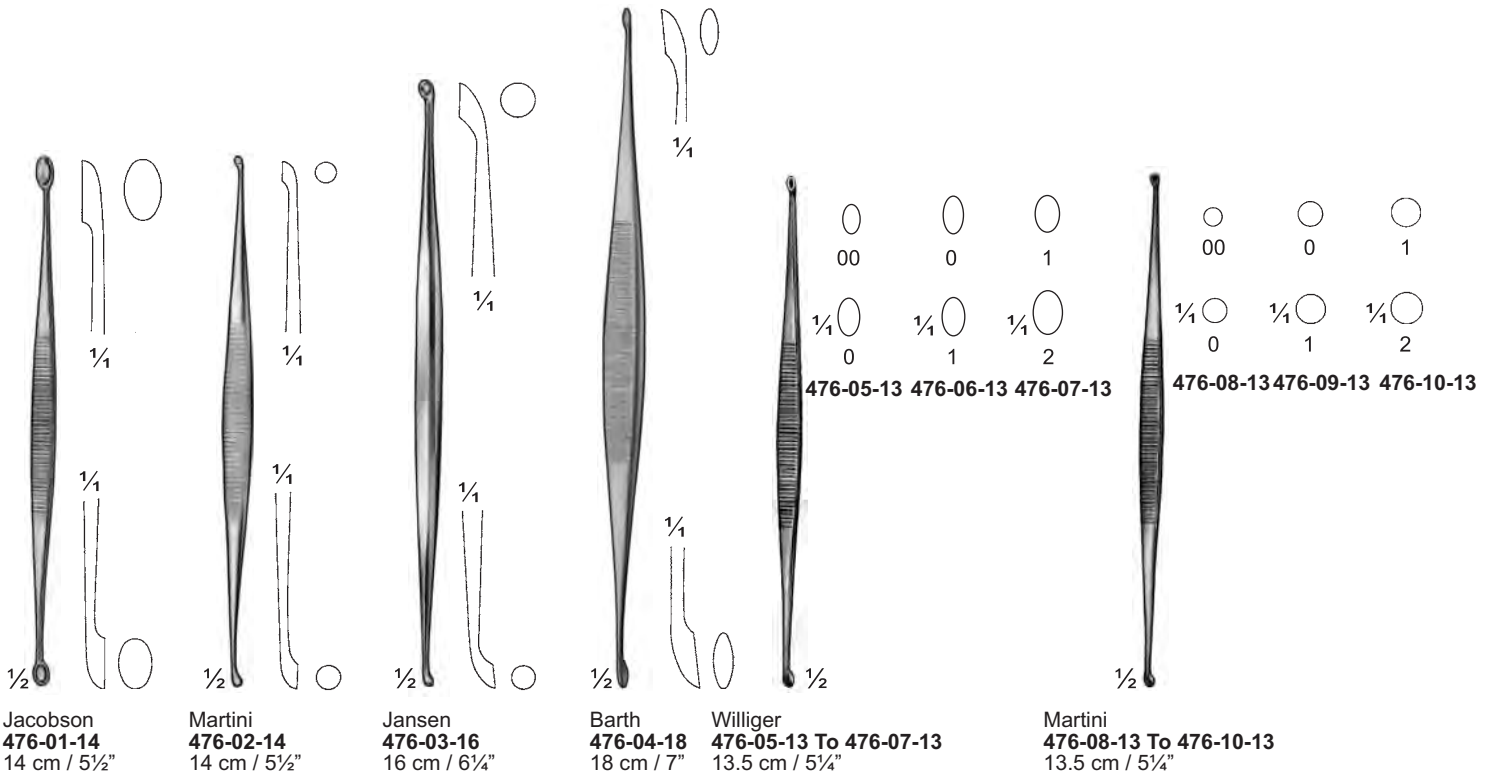


$\frac{1}{2}$   
 Eichler  
**475-02-16 & 475-03-16**  
 24.5 cm / 9 $\frac{3}{4}$ "

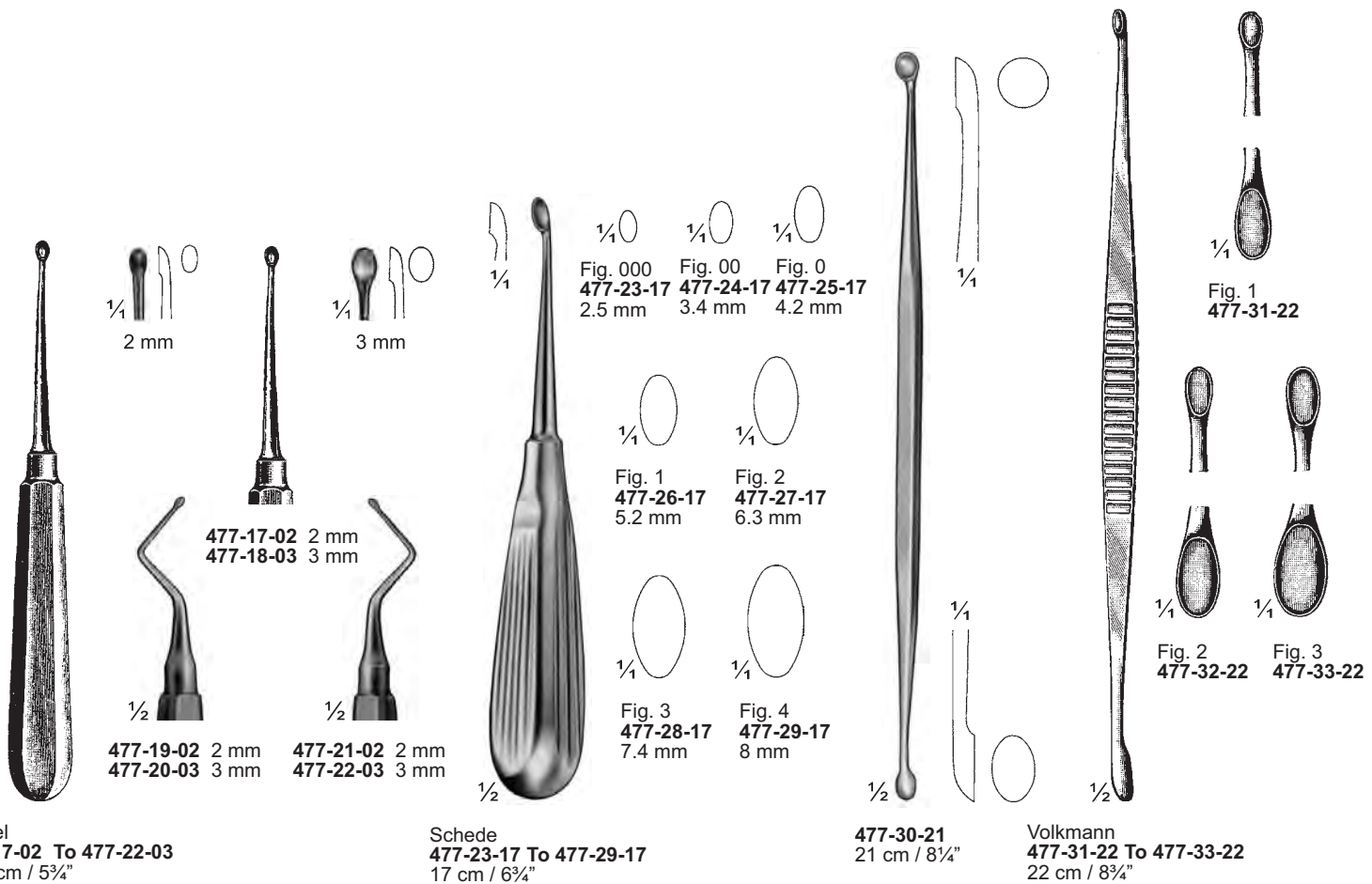
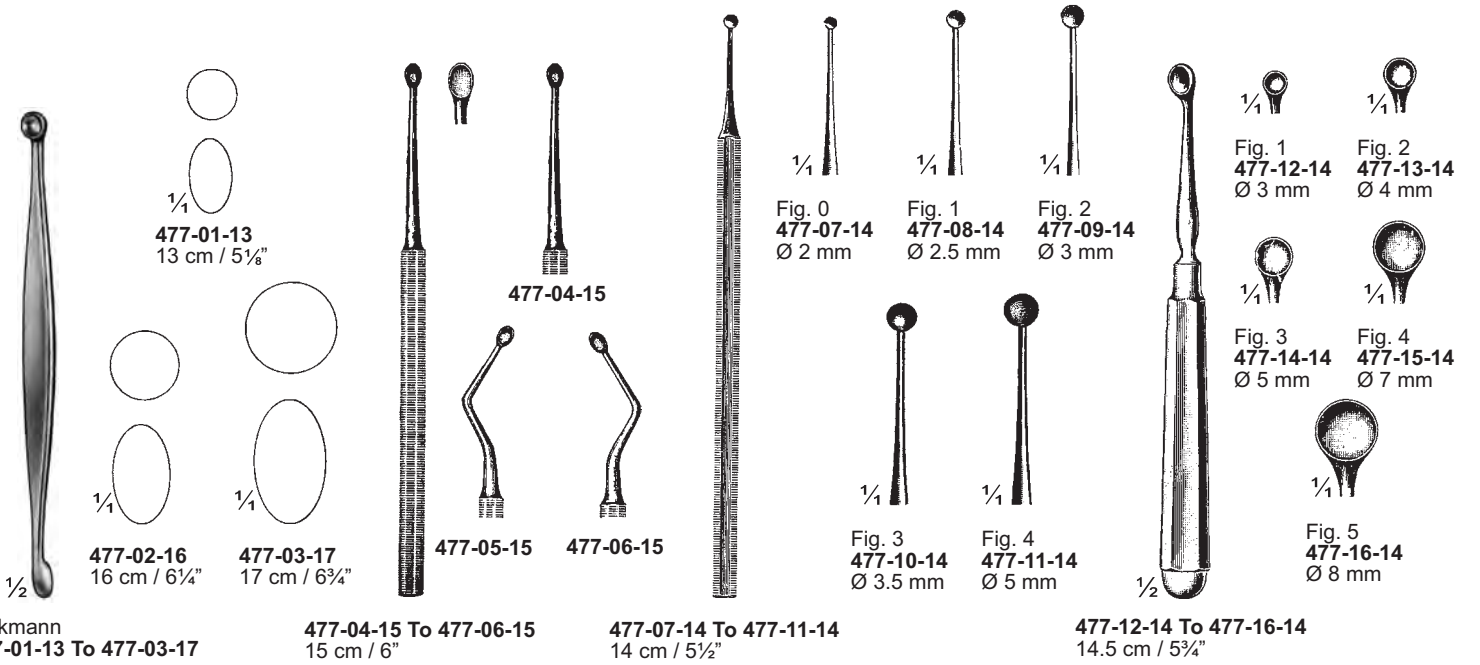


$\frac{1}{2}$   
**475-04-20**  
 28 cm / 11"

# Scharfe Löffel Bone Curettes Curettes tranchantes












# Scharfe Löffel Bone Curettes Curettes tranchantes



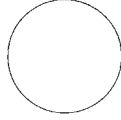


# Scharfe Löffel Bone Curettes Curettes tranchantes












- |   |  |   |
|---|--|---|
| <br>Fig. 0000<br>478-01-17 | <br>Fig. 000<br>478-02-17 | <br>Fig. 00<br>478-03-17 |
| <br>Fig. 0<br>478-04-17    | <br>Fig. 1<br>478-05-17   | <br>Fig. 2<br>478-06-17  |
| <br>Fig. 3<br>478-07-17    | <br>Fig. 4<br>478-08-17   | <br>Fig. 5<br>478-09-17  |

Bruns  
478-01-17 To 478-10-17  
17 cm / 6<sup>3</sup>/<sub>4</sub>"




-   
Fig. 6  
478-10-17



- |   |  |   |
|---|--|---|
| <br>Fig. 0000<br>478-11-17 | <br>Fig. 000<br>478-12-17 | <br>Fig. 00<br>478-13-17 |
| <br>Fig. 0<br>478-14-17    | <br>Fig. 1<br>478-15-17   | <br>Fig. 2<br>478-16-17  |
| <br>Fig. 3<br>478-17-17    | <br>Fig. 4<br>478-18-17   | <br>Fig. 5<br>478-19-17  |

Spratt  
478-11-17 To 478-19-17  
17 cm / 6<sup>3</sup>/<sub>4</sub>"

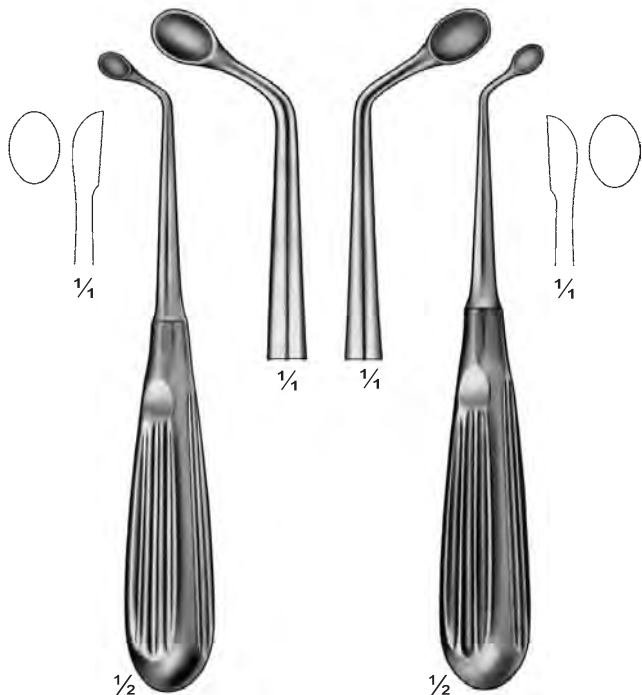


-   
Fig. 00  
478-20-21  
478-23-21
-   
Fig. 0  
478-21-21  
478-24-21
-   
Fig. 1  
478-22-21  
478-25-21

Halle  
478-20-21 To 478-22-21  
21 cm / 8<sup>1</sup>/<sub>4</sub>"



Halle  
478-23-21 To 478-25-21  
21.5 cm / 8<sup>1</sup>/<sub>2</sub>"













Uffendorde  
478-26-17  
17 cm / 6<sup>3</sup>/<sub>4</sub>"

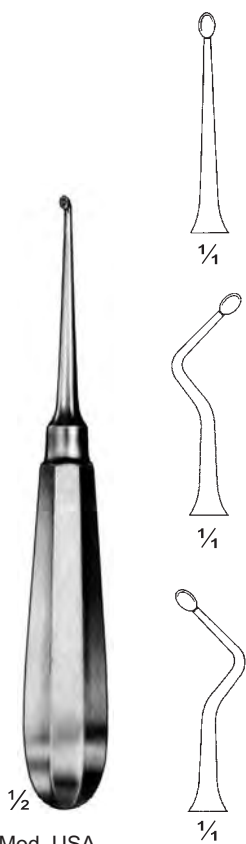
Uffendorde  
478-27-17  
17 cm / 6<sup>3</sup>/<sub>4</sub>"



478-28-02 To 478-37-14

- |   |  |   |
|---|--|---|
| <br>478-28-02<br>17 cm / 6 <sup>3</sup> / <sub>4</sub> "<br>Ø 2 mm | <br>478-29-03<br>17 cm / 6 <sup>3</sup> / <sub>4</sub> "<br>Ø 3 mm  | <br>478-30-04<br>17 cm / 6 <sup>3</sup> / <sub>4</sub> "<br>Ø 4 mm |
| <br>478-31-05<br>18 cm / 7"<br>Ø 5 mm                              | <br>478-32-06<br>18 cm / 7"<br>Ø 6 mm                               | <br>478-33-07<br>18 cm / 7"<br>Ø 7 mm                              |
| <br>478-34-08<br>18 cm / 7"<br>Ø 8 mm                              | <br>478-35-10<br>19 cm / 7 <sup>1</sup> / <sub>2</sub> "<br>Ø 10 mm |   |
| <br>478-36-20<br>20 cm / 8"<br>Ø 12 mm                             | <br>478-37-14<br>20 cm / 8"<br>Ø 14 mm                              |   |

# Scharfe Löffel Bone Curettes Curettes tranchantes



Mod. USA  
479-01-16 To 479-18-16  
16 cm / 6 1/4"

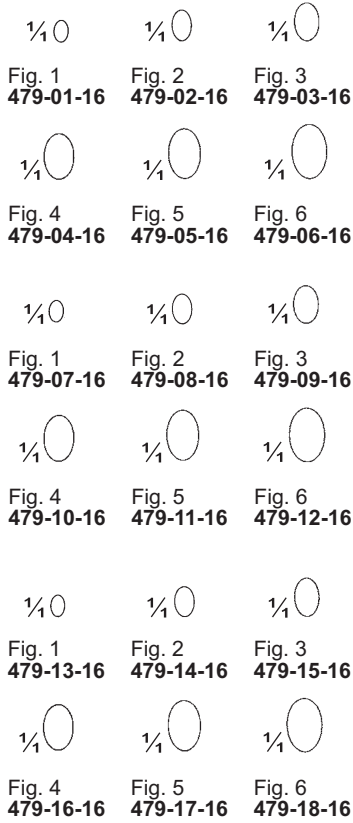


Fig. 1 479-01-16    Fig. 2 479-02-16    Fig. 3 479-03-16  
Fig. 4 479-04-16    Fig. 5 479-05-16    Fig. 6 479-06-16  
Fig. 1 479-07-16    Fig. 2 479-08-16    Fig. 3 479-09-16  
Fig. 4 479-10-16    Fig. 5 479-11-16    Fig. 6 479-12-16  
Fig. 1 479-13-16    Fig. 2 479-14-16    Fig. 3 479-15-16  
Fig. 4 479-16-16    Fig. 5 479-17-16    Fig. 6 479-18-16



Williger  
479-19-18 To 479-26-18  
18 cm / 7"

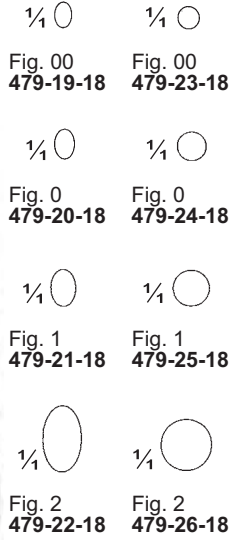


Fig. 00 479-19-18    Fig. 00 479-23-18  
Fig. 0 479-20-18    Fig. 0 479-24-18  
Fig. 1 479-21-18    Fig. 1 479-25-18  
Fig. 2 479-22-18    Fig. 2 479-26-18



Daubenspeck  
479-27-20 To 479-30-20  
20 cm / 8"

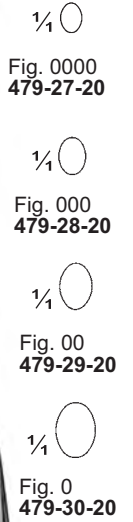
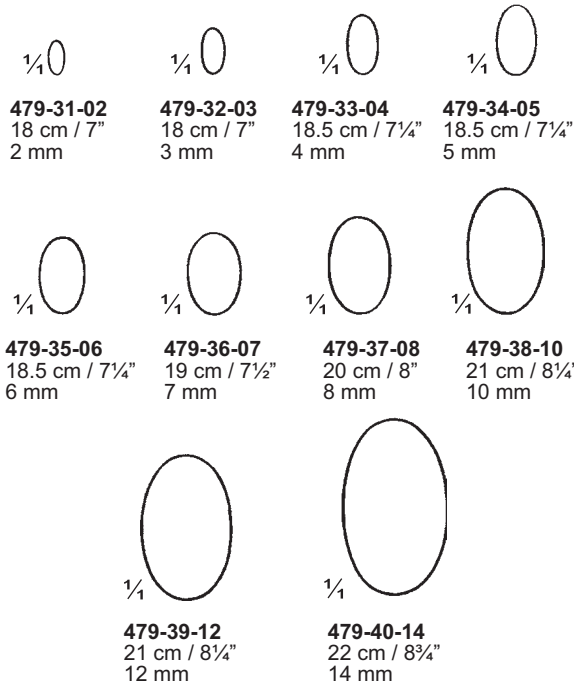


Fig. 0000 479-27-20  
Fig. 000 479-28-20  
Fig. 00 479-29-20  
Fig. 0 479-30-20



479-31-02 To 479-40-14



479-31-02 18 cm / 7" 2 mm  
479-32-03 18 cm / 7" 3 mm  
479-33-04 18.5 cm / 7 1/4" 4 mm  
479-34-05 18.5 cm / 7 1/4" 5 mm  
479-35-06 18.5 cm / 7 1/4" 6 mm  
479-36-07 19 cm / 7 1/2" 7 mm  
479-37-08 20 cm / 8" 8 mm  
479-38-10 21 cm / 8 1/4" 10 mm  
479-39-12 21 cm / 8 1/4" 12 mm  
479-40-14 22 cm / 8 3/4" 14 mm



Volkman  
479-41-17 To 479-50-17  
17 cm / 6 3/4"

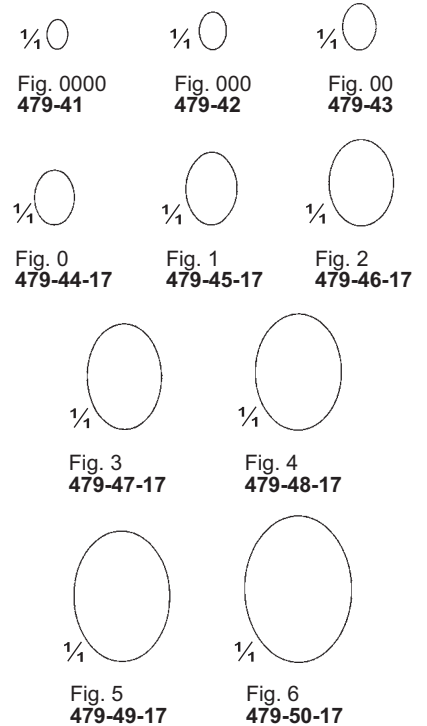


Fig. 0000 479-41  
Fig. 000 479-42  
Fig. 00 479-43  
Fig. 0 479-44-17  
Fig. 1 479-45-17  
Fig. 2 479-46-17  
Fig. 3 479-47-17  
Fig. 4 479-48-17  
Fig. 5 479-49-17  
Fig. 6 479-50-17

# Scharfe Löffel Bone Curettes Curettes tranchantes



$\frac{1}{4}$  0     $\frac{1}{4}$  0     $\frac{1}{4}$  0  
**480-01-23    480-02-23    480-03-23**  
 $\frac{1}{4}$  0     $\frac{1}{4}$  0     $\frac{1}{4}$  0  
**480-04-23    480-05-23    480-06-23**  
 $\frac{1}{4}$  0     $\frac{1}{4}$  0     $\frac{1}{4}$  0  
**480-07-23    480-08-23    480-09-23**

**Bruns**  
480-01-23 To 480-09-23  
23 cm / 9"



$\frac{1}{4}$  1     $\frac{1}{4}$  1     $\frac{1}{4}$  1     $\frac{1}{4}$  1     $\frac{1}{4}$  1  
**Fig. 0000    Fig. 000    Fig. 00    Fig. 0    Fig. 1**  
**480-10-21    480-11-21    480-12-21    480-13-21    480-14-21**  
**480-20-21    480-21-21    480-22-21    480-23-21    480-24-21**  
 $\frac{1}{4}$  1     $\frac{1}{4}$  1     $\frac{1}{4}$  1     $\frac{1}{4}$  1     $\frac{1}{4}$  1  
**Fig. 2    Fig. 3    Fig. 4    Fig. 5    Fig. 6**  
**480-15-21    480-16-21    480-17-21    480-18-21    480-19-21**  
**480-25-21    480-26-21    480-27-21    480-28-21    480-29-21**

**Bruns (Volkmann)**  
480-10-21 To 480-19-21  
21 cm / 8 $\frac{1}{4}$ "



**Bruns (Volkmann)**  
480-20-21 To 480-29-21  
21 cm / 8 $\frac{1}{4}$ "



$\frac{1}{4}$  1     $\frac{1}{4}$  1     $\frac{1}{4}$  1     $\frac{1}{4}$  1  
**Fig. 0000    Fig. 000    Fig. 00    Fig. 0**  
**480-30-17    480-31-17    480-32-17    480-33-17**  
**480-40-27    480-41-27    480-42-27    480-43-27**  
 $\frac{1}{4}$  1     $\frac{1}{4}$  1     $\frac{1}{4}$  1  
**Fig. 1    Fig. 2    Fig. 3**  
**480-34-17    480-35-17    480-36-17**  
**480-44-27    480-45-27    480-46-27**  
 $\frac{1}{4}$  1     $\frac{1}{4}$  1     $\frac{1}{4}$  1  
**Fig. 4    Fig. 5    Fig. 6**  
**480-37-17    480-38-17    480-39-17**  
**480-47-27    480-48-27    480-49-27**

**Volkmann**  
480-30-17 To 480-39-17  
17 cm / 6 $\frac{3}{4}$ "



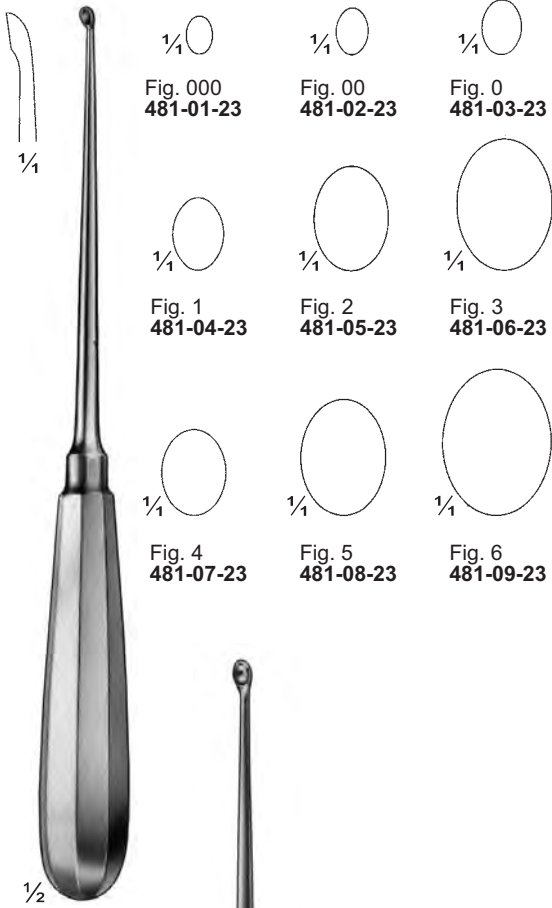
**Volkmann**  
480-40-27 To 480-49-27  
27 cm / 10 $\frac{1}{2}$ "



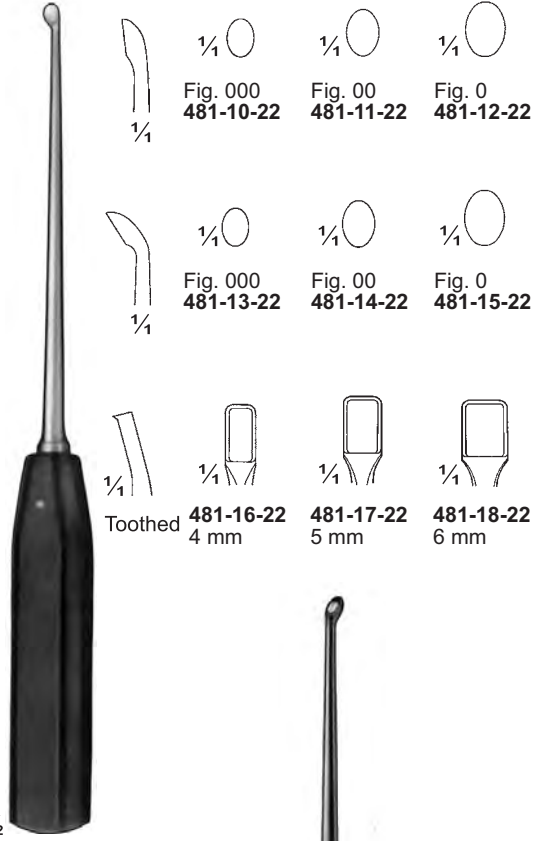
**Lempert**  
480-50-20 To 480-57-20  
20 cm / 8"

$\frac{1}{4}$  0     $\frac{1}{4}$  0  
**Fig. 000000    Fig. 00000**  
**480-50-20    480-51-20**  
 $\frac{1}{4}$  0     $\frac{1}{4}$  0  
**Fig. 0000    Fig. 000**  
**480-52-20    480-53-20**  
 $\frac{1}{4}$  0     $\frac{1}{4}$  0  
**Fig. 00    Fig. 0**  
**480-54-20    480-55-20**  
 $\frac{1}{4}$  0     $\frac{1}{4}$  0  
**Fig. 1    Fig. 2**  
**480-56-20    480-57-20**

# Scharfe Löffel Bone Curettes Curettes tranchantes



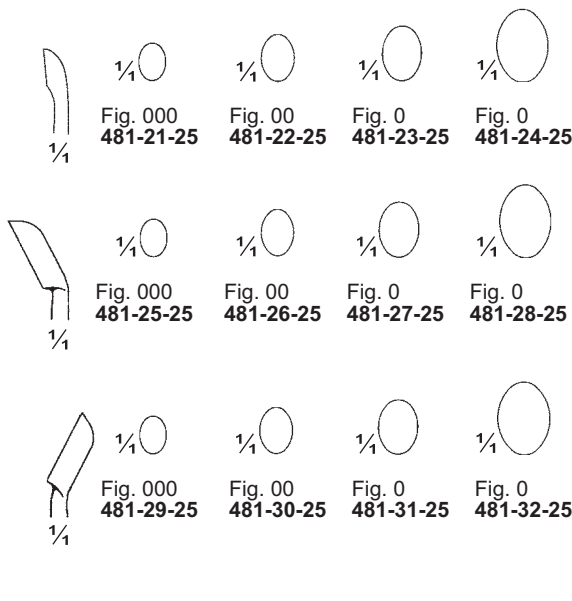
Simon  
481-01-23 To 481-09-23  
23.5 cm / 9 1/4"



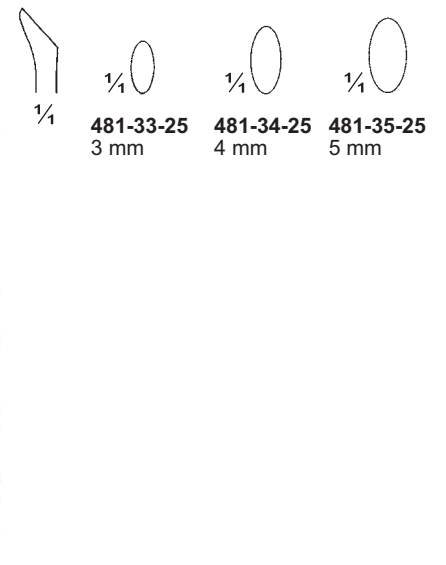
Caspar  
481-10-22 To 481-18-22  
22 cm / 8 3/4"



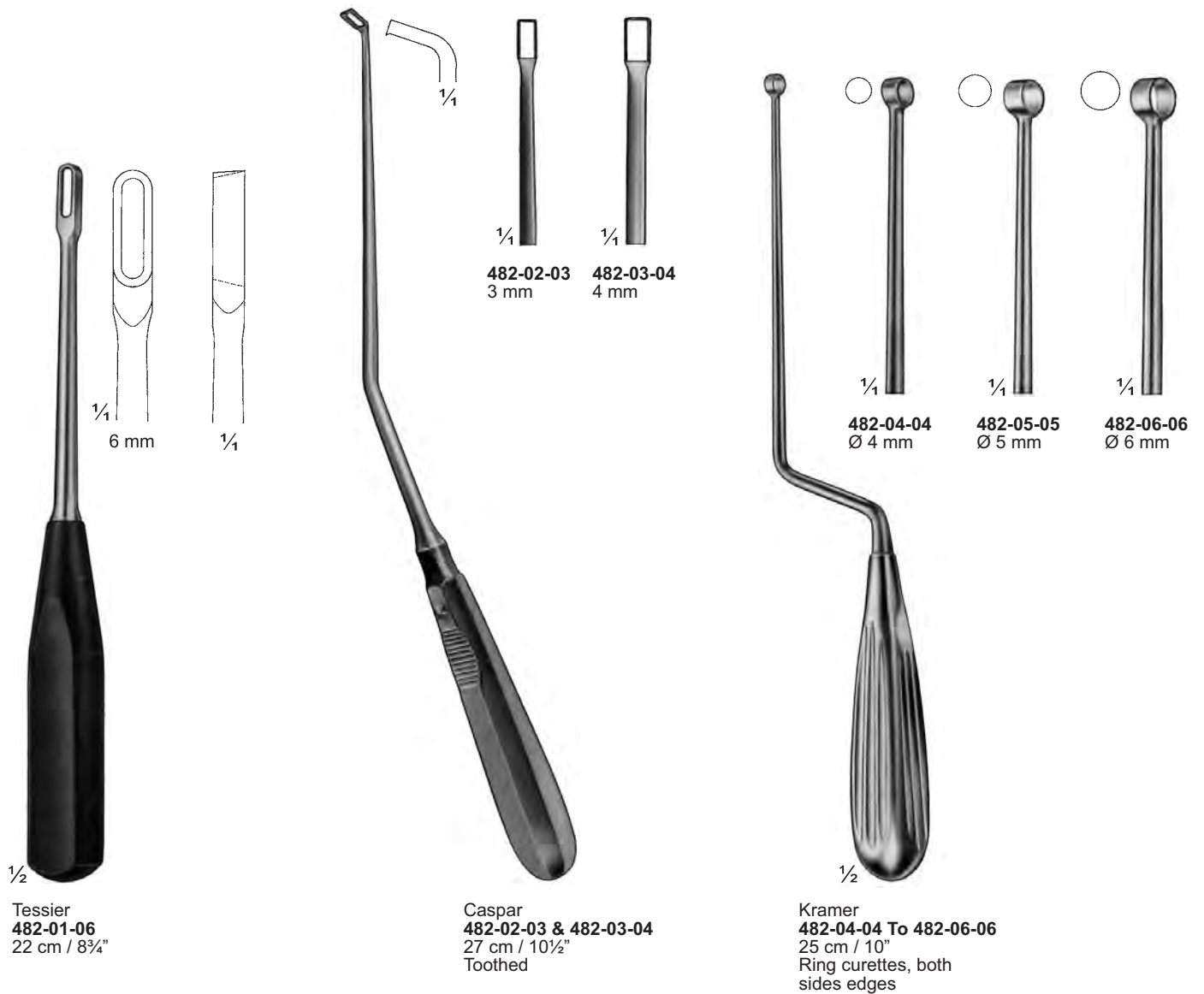
Caspar  
481-19 & 481-20  
25 cm / 10"



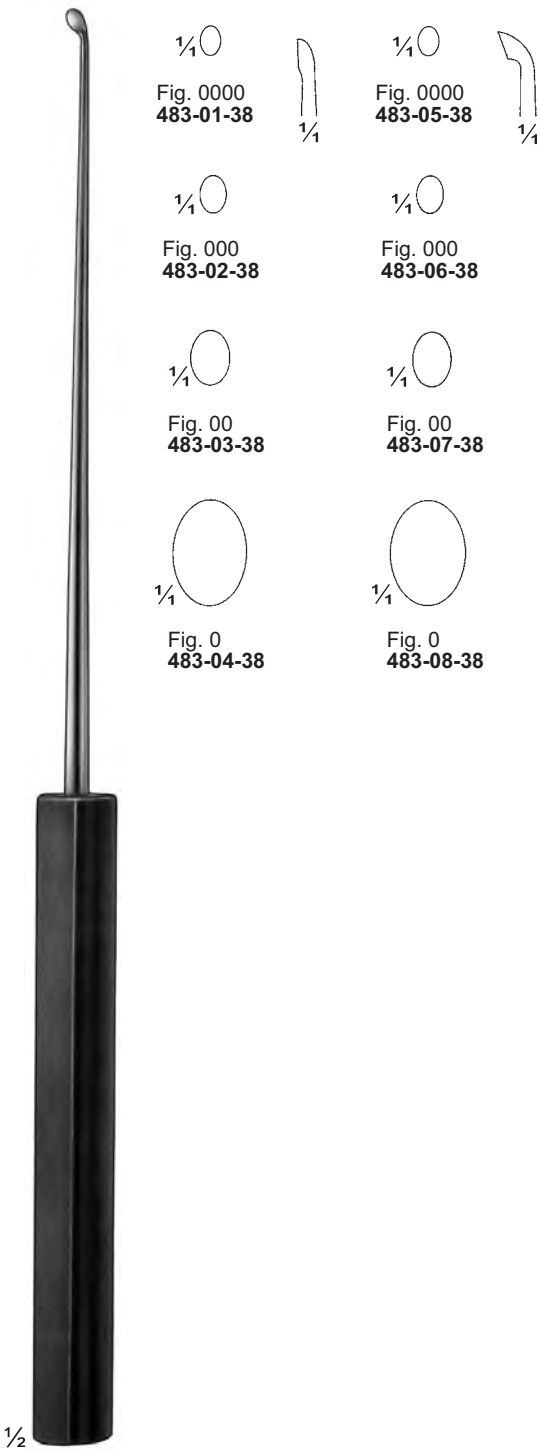
Volkmann  
481-21-25 To 481-32-25  
25 cm / 10"



Busche  
481-33-25 To 481-35-25  
25 cm / 10"



# Scharfe Löffel Bone Curettes Curettes tranchantes



Sypert  
**483-01-38 To 483-08-38**  
 38 cm / 15"



Sypert  
**483-09-42**  
 42.5 cm / 17"

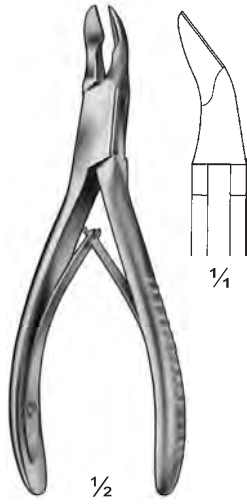


Sypert  
**483-10-42 & 483-11-42**  
 42.5 cm / 17"

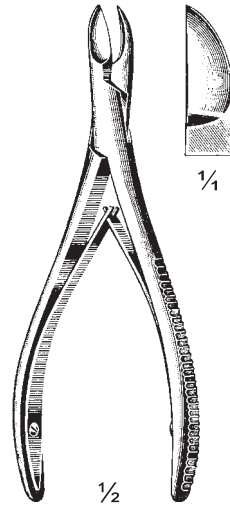
**Knochensplitterzangen**  
**Bone Cutting Forceps**  
**Pinces coupantes à os**



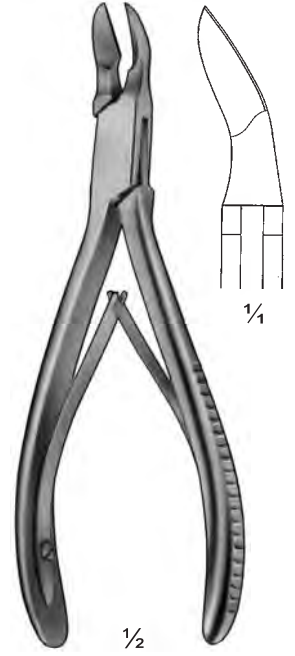
**484-01-12**  
 12 cm / 4<sup>3</sup>/<sub>4</sub>"



**484-02-13**  
 13 cm / 5<sup>1</sup>/<sub>8</sub>"



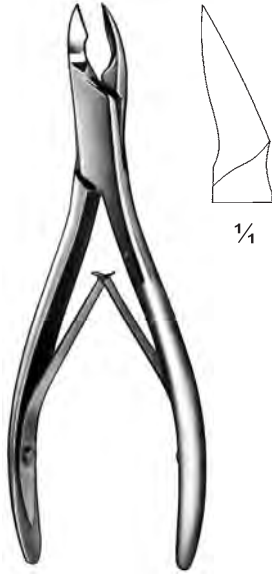
**484-03-13**  
 13.5 cm / 5<sup>1</sup>/<sub>4</sub>"



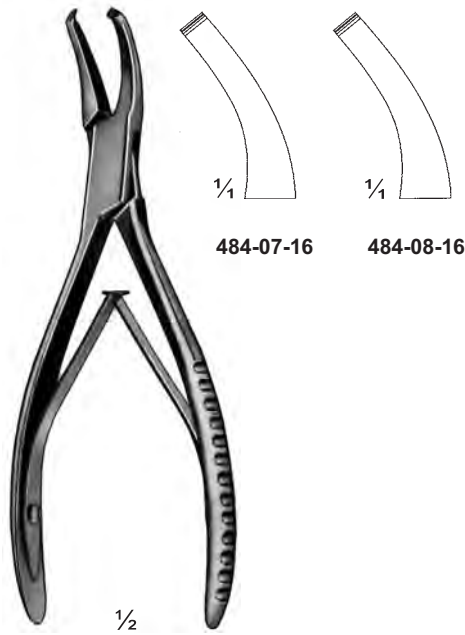
**484-04-17**  
 17 cm / 6<sup>3</sup>/<sub>4</sub>"



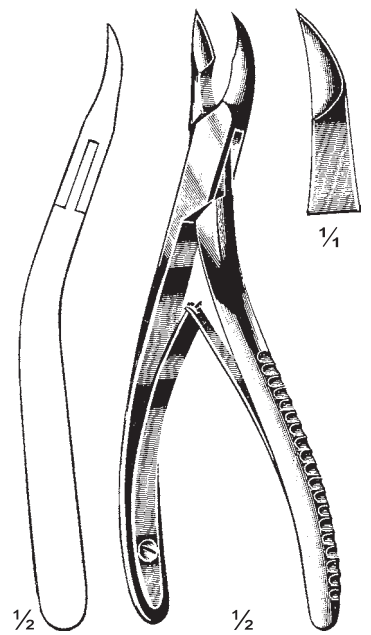
Cleveland  
**484-05-15**  
 15 cm / 6"



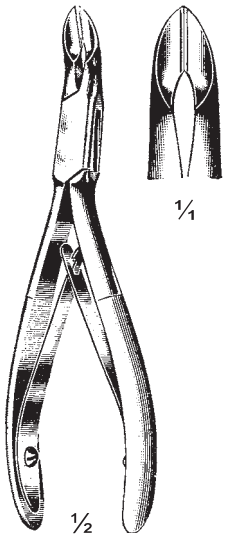
Cleveland  
**484-06-17**  
 17 cm / 6<sup>3</sup>/<sub>4</sub>"



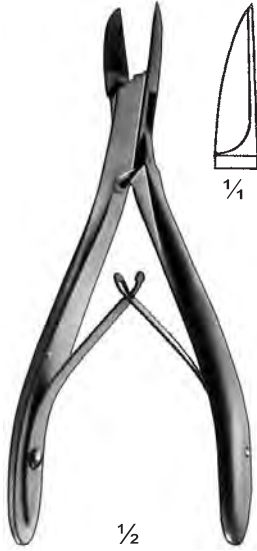
Cleveland  
**484-07-16 & 484-08-16**  
 16 cm / 6<sup>1</sup>/<sub>4</sub>"



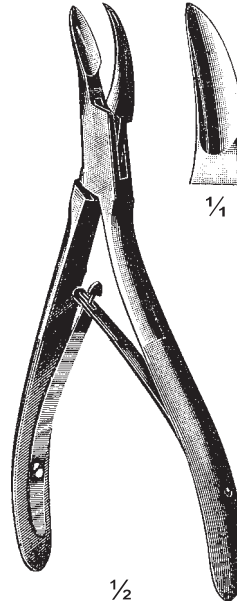
**484-09-17**  
 17 cm / 6<sup>3</sup>/<sub>4</sub>"



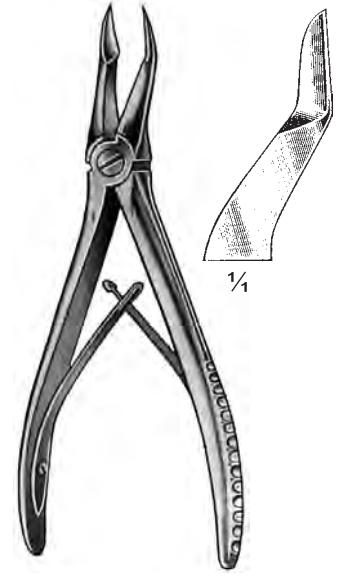
Niro  
485-01-14  
14 cm / 5½"



Littauer-Liston  
485-02-15  
15 cm / 6"



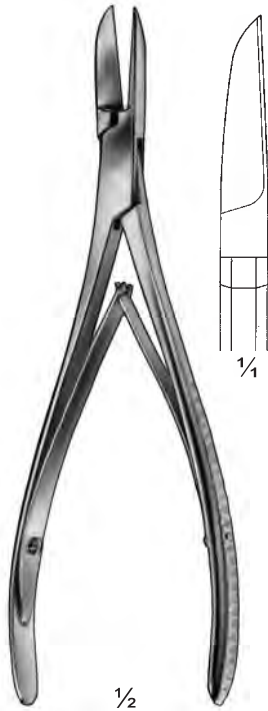
485-03-16  
16 cm / 6¼"



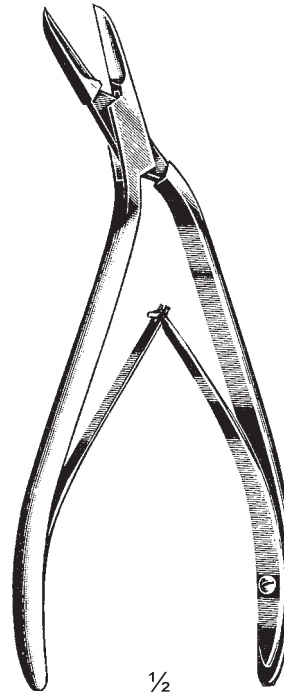
485-04-14  
14 cm / 5½"



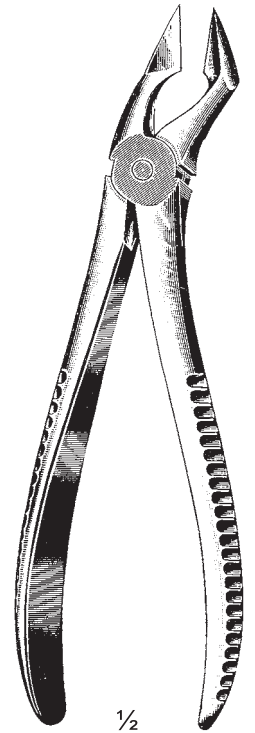
Horsley  
485-05-19  
19 cm / 7½"



Kazanjian  
485-06-18  
18.5 cm / 7¼"

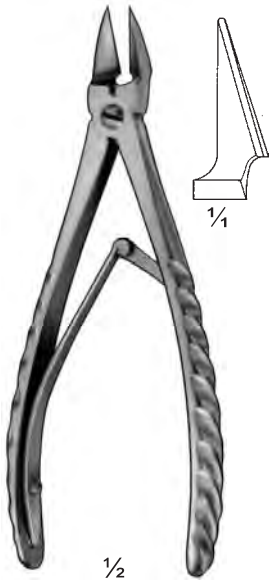


Cottle  
485-07-18  
18 cm / 7"

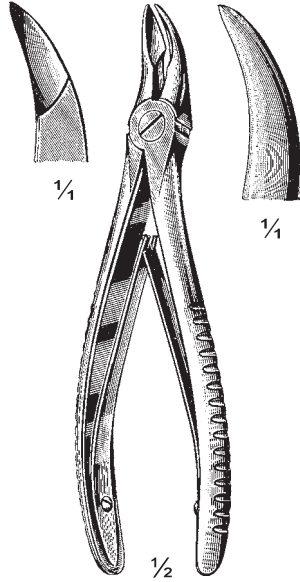


485-08-19  
19.5 cm / 7¾"





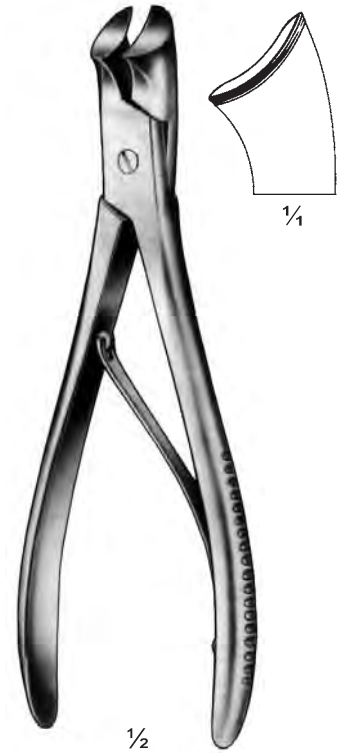
Stamm  
486-01-15  
15 cm / 6"



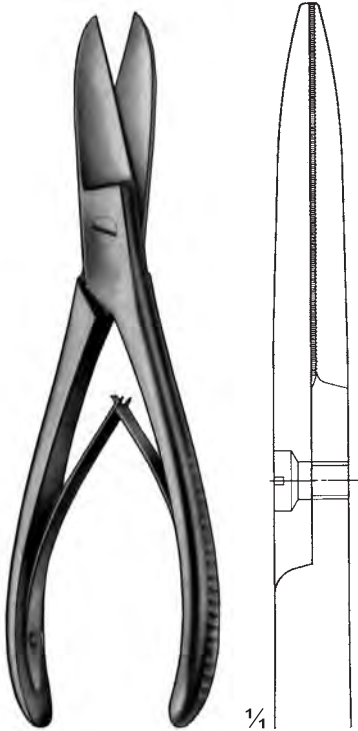
486-02-15  
15 cm / 6"



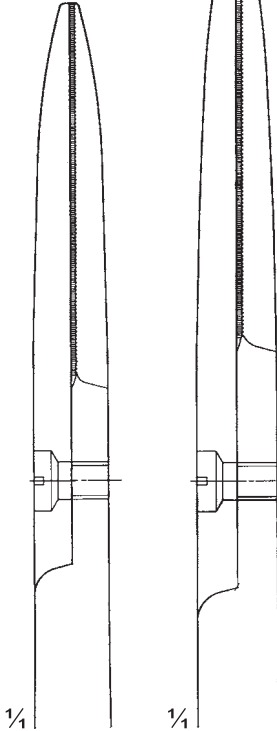
Horsley  
486-03-20  
20 cm / 8"



Markwalder  
486-04-20  
20 cm / 8"



486-05-19 & 486-06-23



486-05-19  
19.5 cm / 7 3/4"

486-06-23  
23 cm / 9"



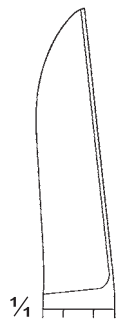
Liston  
486-07-14 To 486-10-22



486-07-14  
14 cm / 5 1/2"



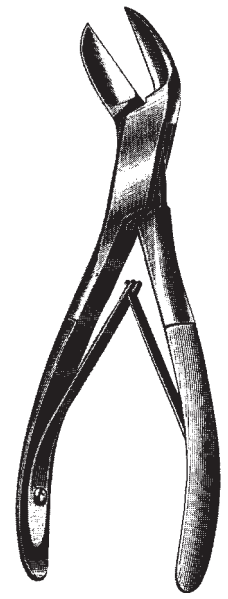
486-08-17  
17 cm / 6 3/4"



486-09-20  
20 cm / 8"



486-10-22  
22 cm / 8 3/4"



Liston  
486-11-14 14 cm / 5 1/2"  
486-12-17 17 cm / 6 3/4"  
486-13-20 20 cm / 8"  
486-14-22 22 cm / 8 3/4"

# Knochensplitterzangen Bone Cutting Forceps Pincès coupantes à os



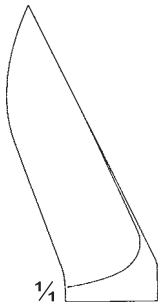
Liston  
487-01-14 To 487-04-22



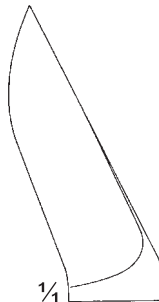
487-01-14  
14 cm / 5½"



487-02-17  
17 cm / 6¾"



487-03-20  
20 cm / 8"



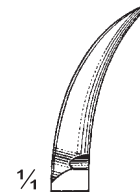
487-04-22  
22 cm / 8¾"



487-05-15 & 487-06-15



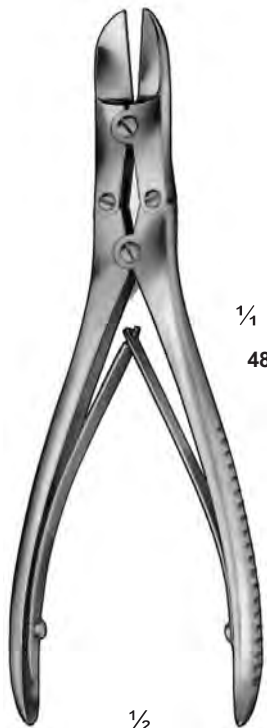
487-05-15  
15 cm / 6"



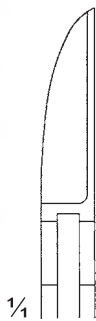
487-06-15  
15 cm / 6"



487-07-15  
15 cm / 6"



Ruskin-Liston  
487-08-19 & 487-09-19  
19 cm / 7½"



487-08-19



487-09-19

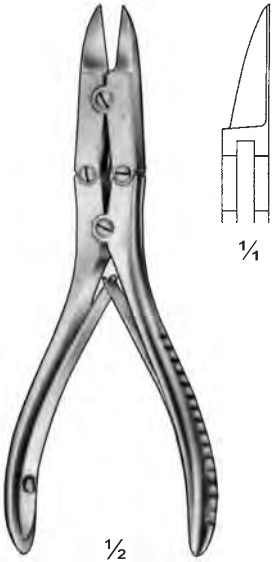


Ruskin-Rowland  
487-10-18  
18 cm / 7"

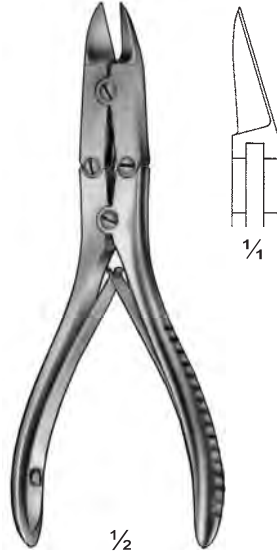


Ruskin-Rowland  
487-11-18  
18 cm / 7"

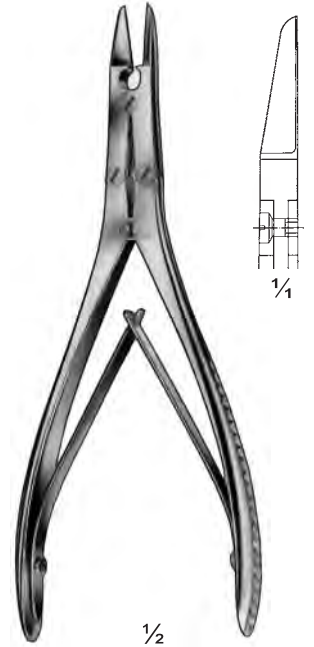
**Knochensplitterzangen  
Bone Cutting Forceps  
Pincès coupantes à os**



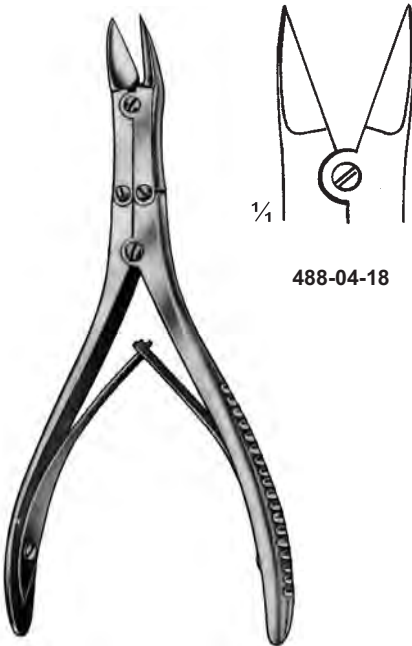
**Bohler**  
**488-01-14**  
14.5 cm / 5 3/4"



**Bohler**  
**488-02-14**  
14.5 cm / 5 3/4"



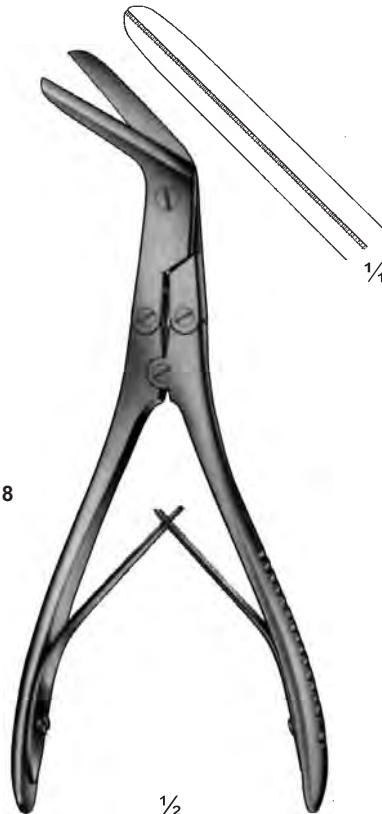
**488-03-17**  
17 cm / 6 3/4"



**McIndoe**  
**488-04-18 & 488-05-18**  
18 cm / 7"



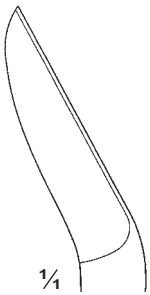
**488-05-18**



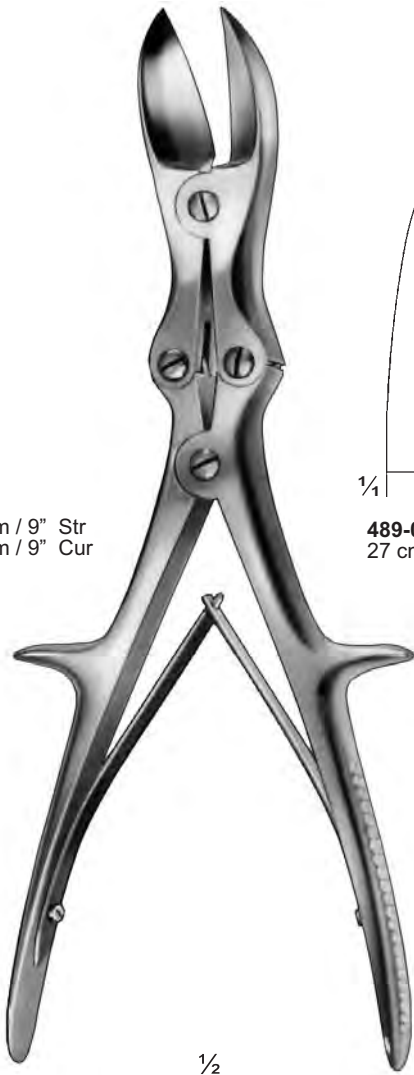
**Killian**  
**488-06-20**  
20 cm / 8"



**Muhling**  
**488-07-21**  
21 cm / 8 1/4"

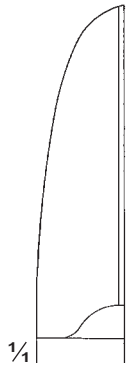


489-01-23 23 cm / 9" Str  
 489-02-23 23 cm / 9" Cur



1/2

Liston  
 489-01-23 To 489-04-27



489-03-27  
 27 cm / 10 1/2"

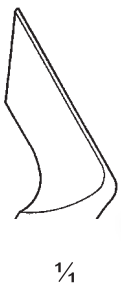


489-04-27  
 27 cm / 10 1/2"

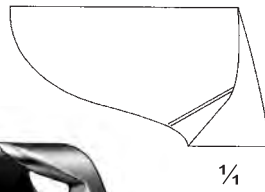


1/2

Liston-Stillé  
 489-05-27  
 27 cm / 10 1/2"



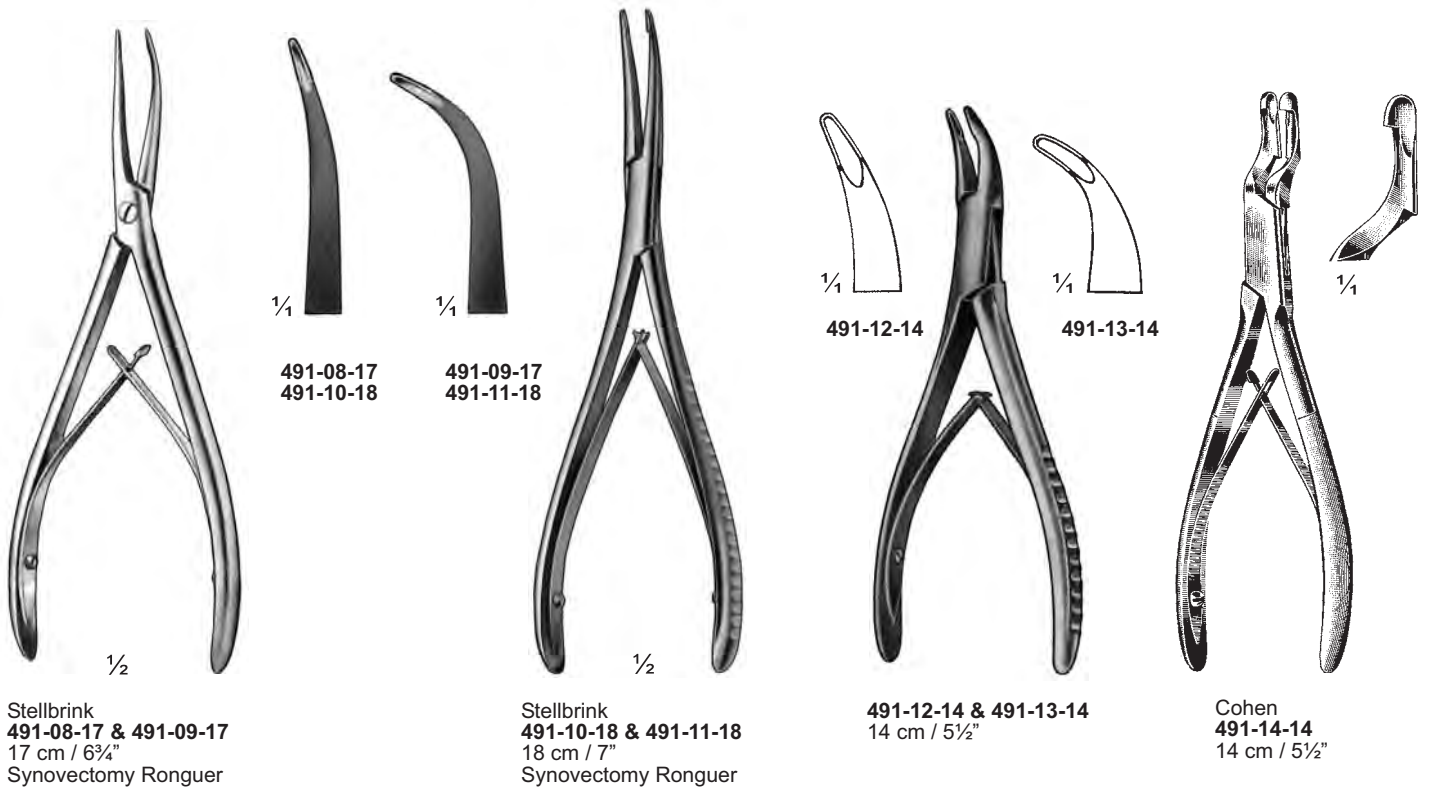
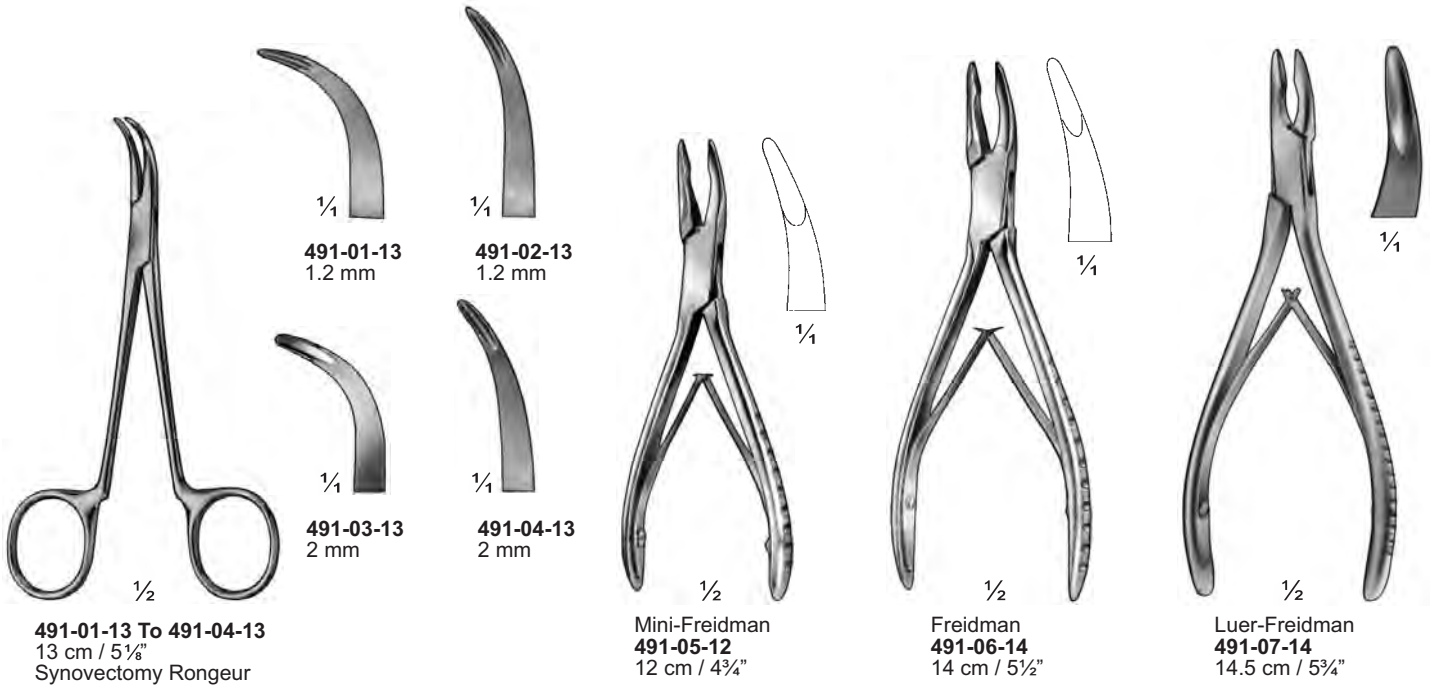
$\frac{1}{2}$   
Liston-Key-Horsley  
490-01-25  
25 cm / 10"

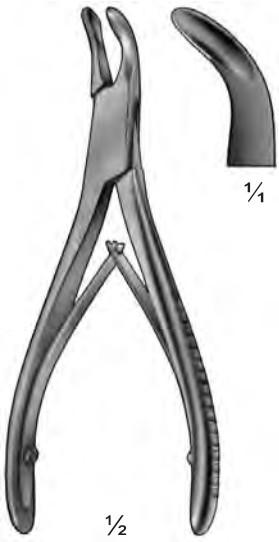


$\frac{1}{2}$   
Semb  
490-02-24  
24 cm / 9½"



Tudor-Edwards  
490-03-23  
23 cm / 9"

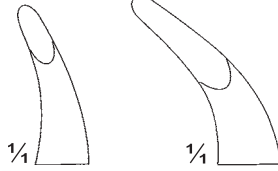




**492-01-14**  
14 cm / 5½"

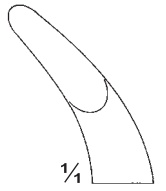


Luer  
**492-02-15 To 492-04-15**  
15 cm / 6"

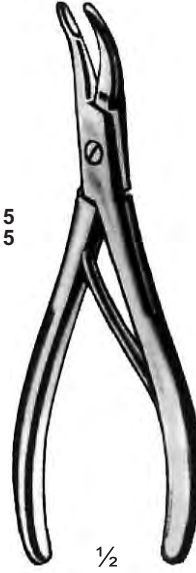


**492-02-15**  
492-05-15

**492-03-15**  
492-06-15



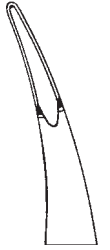
**492-04-15**  
492-07-15



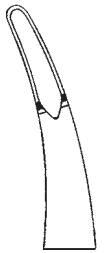
Luer  
**492-05-15 To 492-07-15**  
15 cm / 6"



Beyer  
**492-08-17 & 492-09-17**  
17 cm / 6¾"



**492-08-17**



**492-09-17**



Luer  
**492-10-18 & 492-11-18**  
18 cm / 7"



**492-10-18**



**492-11-18**



Luer  
**492-12-18 & 492-13-18**  
18 cm / 7"



**492-12-18**



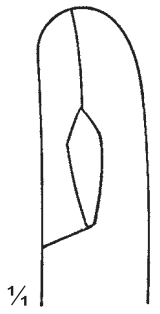
**492-13-18**



Fisch  
**492-14-17 & 492-15-17**  
17 cm / 6¾"

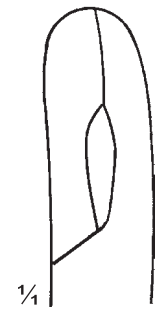


**1/4**



**1/4**

**492-14-17**



**1/4**

**492-15-17**

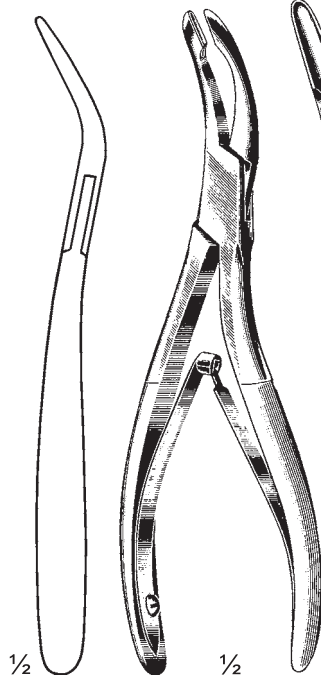


1/4  
493-01-18

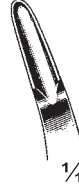


1/4  
493-02-18

Jansen  
493-01-18 & 493-02-18  
18 cm / 7"

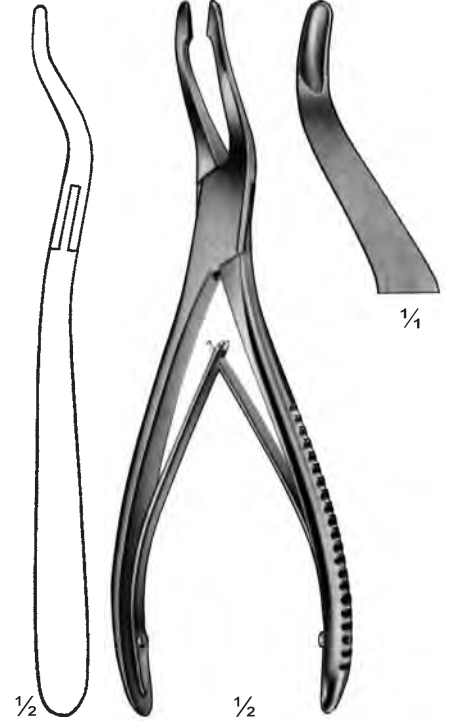


1/2



1/4

Cottle-Jansen  
493-03-18  
18 cm / 7"



1/2

Jansen  
493-04-18  
18 cm / 7"

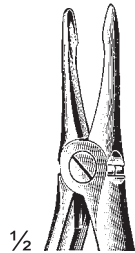


1/2

Jansen  
493-05-18 To 493-09-18  
18 cm / 7"

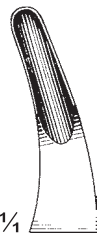


1/4

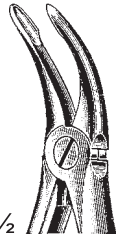


1/2

493-05-18

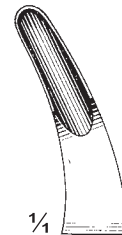


1/4

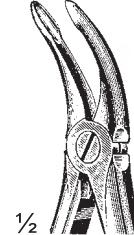


1/2

493-06-18

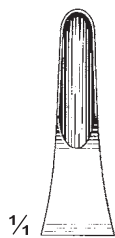


1/4



1/2

493-07

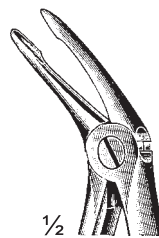


1/4



1/2

493-08-18



1/2

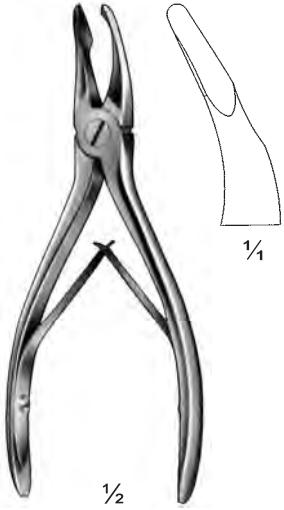
493-09-18



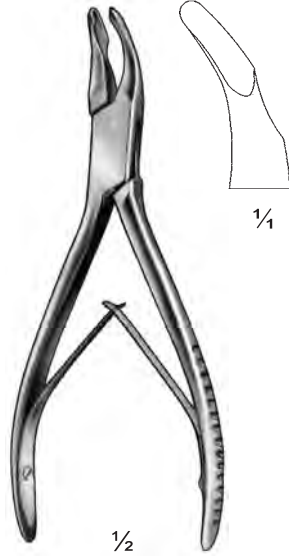
1/2

Alexander  
493-10-14  
14 cm / 5 1/2"





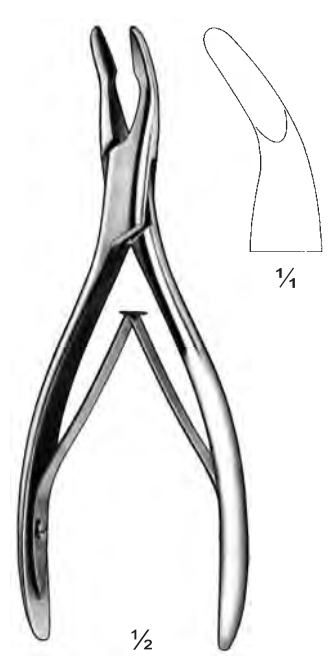
Universal  
494-01-13  
13.5 cm / 5 1/4"



Cleveland  
494-02-14  
14 cm / 5 1/2"



Cleveland  
494-03-17  
17 cm / 6 3/4"



Mead  
494-04-16  
16.5 cm / 6 1/2"



Lempert  
494-05-20 & 494-06-20  
20 cm / 8"



1/4  
494-05-20



Bacon  
494-07-20  
20 cm / 8"



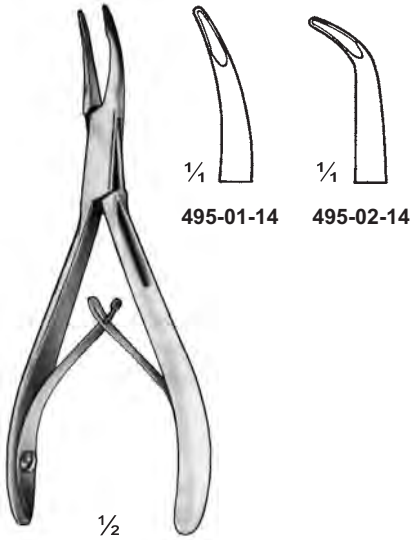
1/4



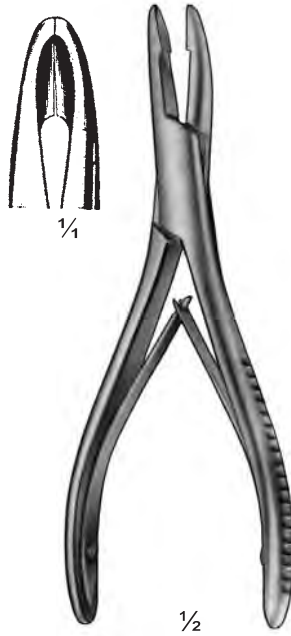
Trotter  
494-08-20  
20 cm / 8"



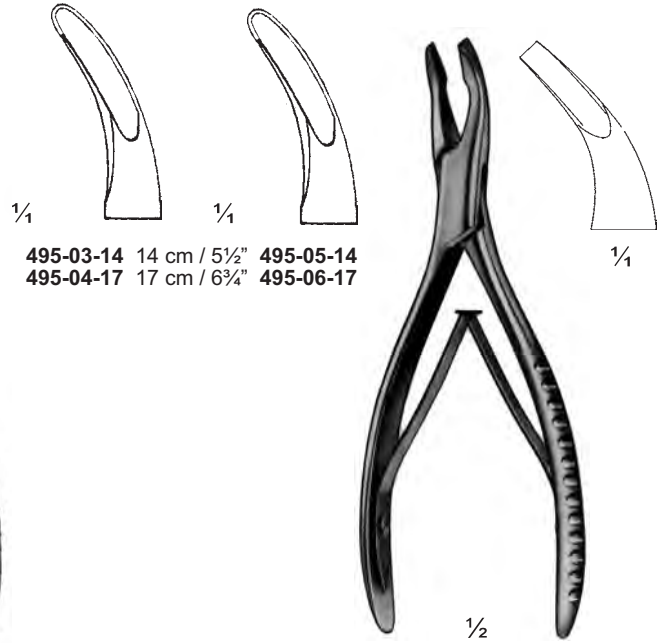
1/4



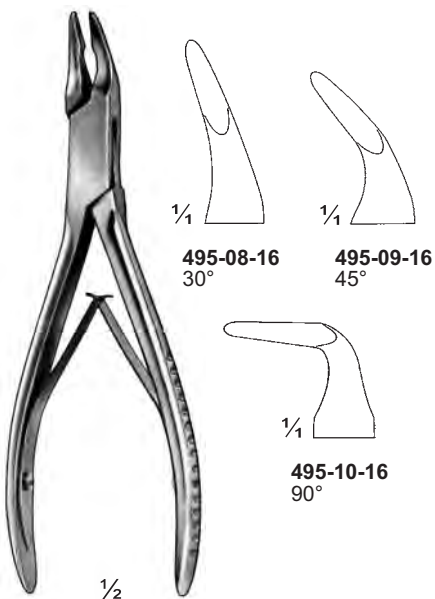
Kleinert-Kutz  
495-01-14 & 495-02-14  
14 cm / 5½"



Mead  
495-03-14 To 495-06-17



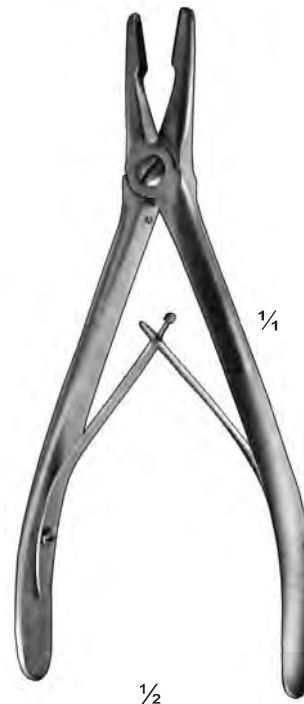
Mead  
495-07-16  
16.5 cm / 6½"



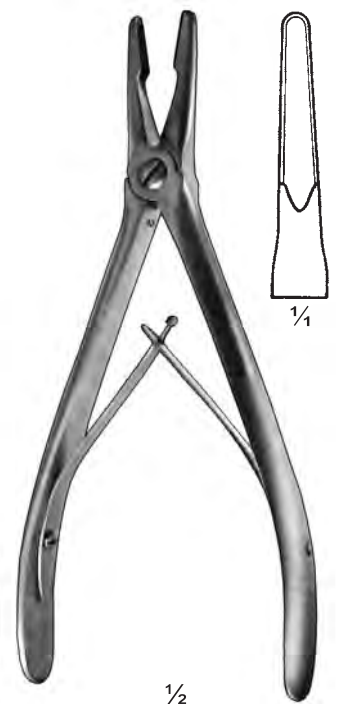
Blumenthal  
495-08-16 To 495-10-16  
16 cm / 6¼"



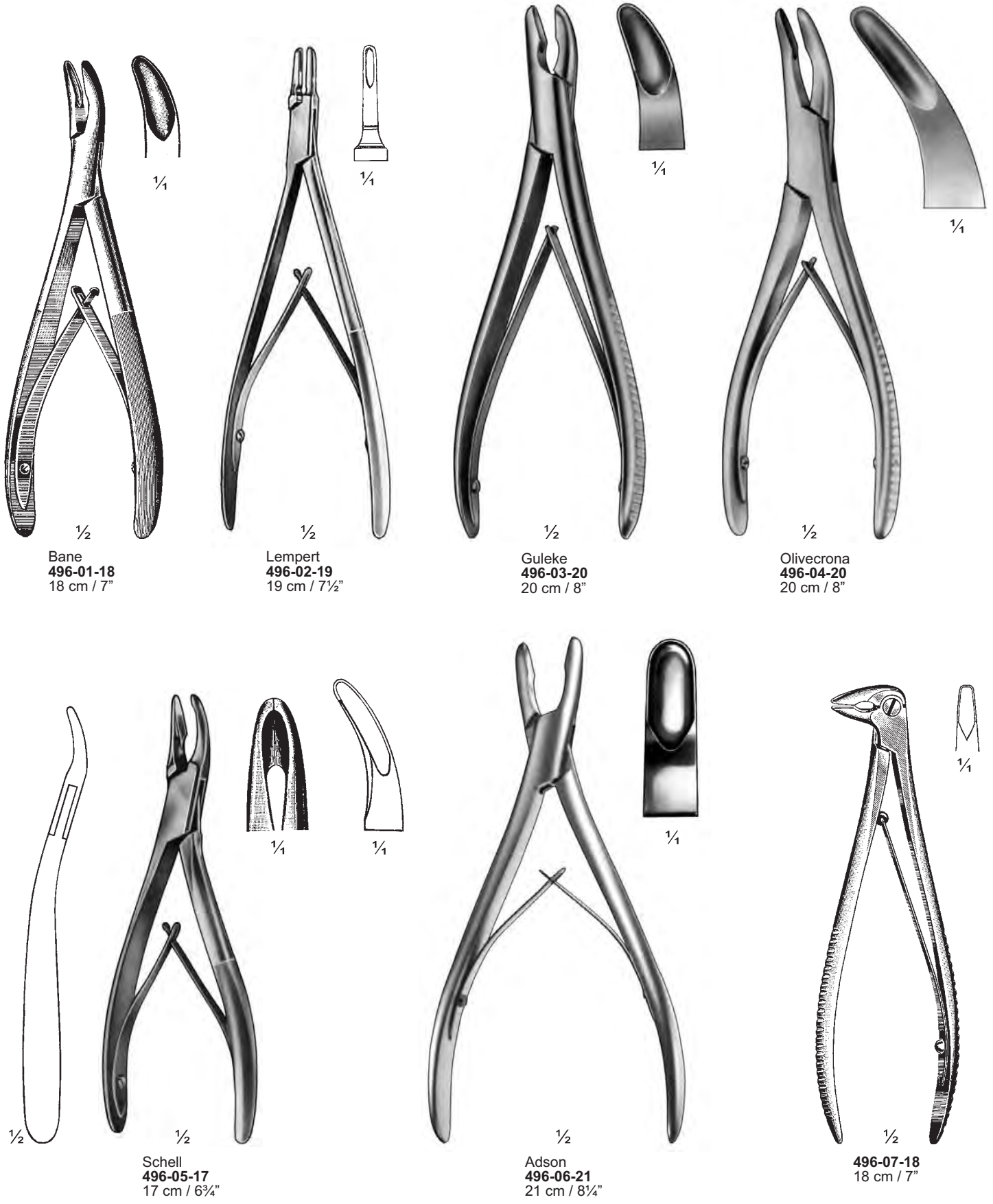
Hakansson  
495-11-17  
17 cm / 6¾"



Zaufal  
495-12-18 Str  
495-13-18 Cur  
18 cm / 7"



Zaufal  
495-14-18 Str  
495-15-18 Cur  
18 cm / 7"



**Bane**  
**496-01-18**  
 18 cm / 7"

**Lempert**  
**496-02-19**  
 19 cm / 7½"

**Guleke**  
**496-03-20**  
 20 cm / 8"

**Olivecrona**  
**496-04-20**  
 20 cm / 8"

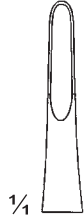
**Schell**  
**496-05-17**  
 17 cm / 6¾"

**Adson**  
**496-06-21**  
 21 cm / 8¼"

**496-07-18**  
 18 cm / 7"



Bohler  
497-01-15 To 497-04-15  
15 cm / 6"



1/4  
497-01-15



1/4  
497-02-15



1/4  
497-03-15



1/4  
497-04-15



Ruskin-Mini  
497-05-15 To 497-08-15  
15 cm / 6"



1/4  
497-05-15  
2 mm



1/4  
497-06-15  
3 mm



1/4  
497-07-15  
2 mm



1/4  
497-08-15  
3 mm



Marquardt  
497-09-20  
20 cm / 8"



1/4



Ruskin  
497-10-18 & 497-11-18  
18 cm / 7"



1/4



1/4



Ruskin  
497-12-18  
18 cm / 7"



1/4



Rottgen-Ruskin  
497-13-24 & 497-14-24  
24 cm / 9 1/2"



1/4



1/4

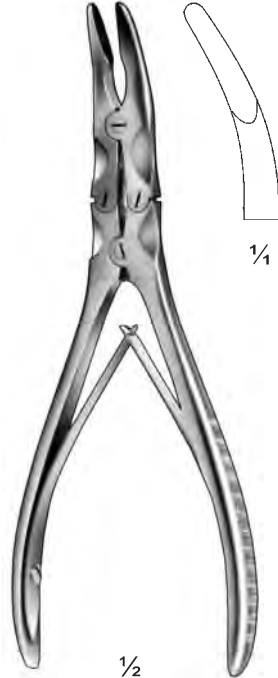
497-13-24

497-14-24

**Hohlmeißelzangen  
Bone Rongeurs  
Pincers-gouges**



Mayfield  
498-01-18  
18 cm / 7"



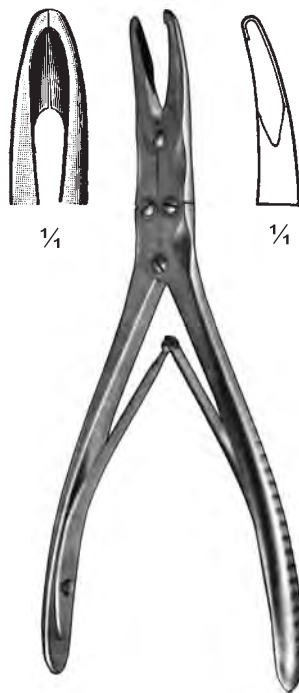
Beyer  
498-02-18  
18 cm / 7"



Zaufal-Jansen  
498-03-18  
18 cm / 7"



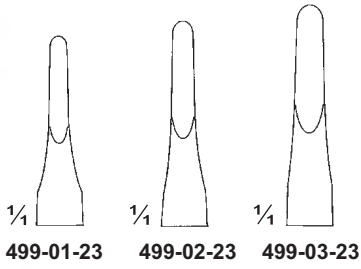
Kleinert-Kutz  
498-04-15  
15 cm / 6"



Geiger  
498-05-15  
15 cm / 6"

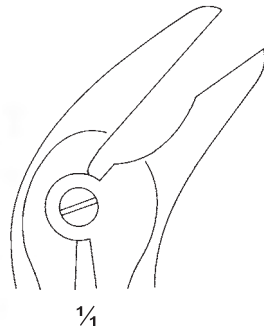


Peiper-Beyer  
498-06-18  
18 cm / 7"



499-01-23 499-02-23 499-03-23

Echlin  
 499-01-23 To 499-03-23  
 23 cm / 9"

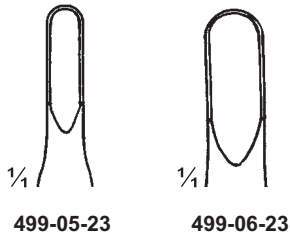


1/2



Frykholm  
 499-04-24  
 24 cm / 9 1/2"

1/2

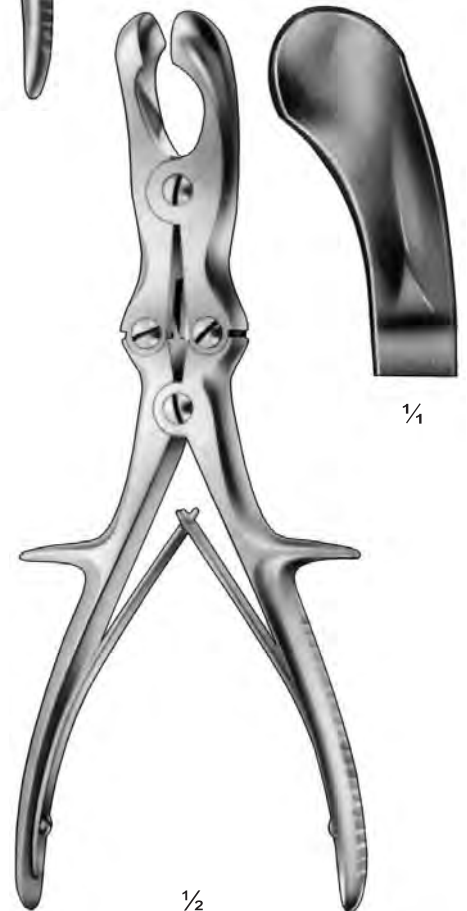


499-05-23 499-06-23



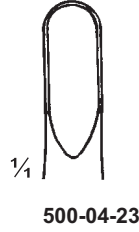
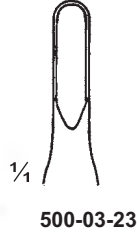
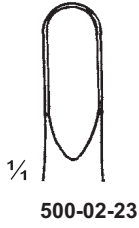
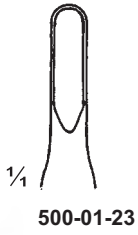
Stille-Leksell  
 499-05-23 & 499-06-23  
 23 cm / 9"

1/2



Semb  
 499-07-23 23 cm / 9"  
 499-08-27 27 cm / 10 1/2"

1/2



Leksell  
500-01-23 & 500-02-23  
23 cm / 9"

Leksell  
500-03-23 & 500-04-23  
23 cm / 9"

Smith-Petersen  
500-05-24  
24 cm / 9 1/2"



Stille  
500-06-23  
23.5 cm / 9 1/4"

Smith-Petersen  
500-07-24 & 500-08-24  
24 cm / 9 1/2"



501-01-22



501-02-22



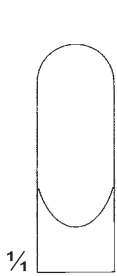
1/4



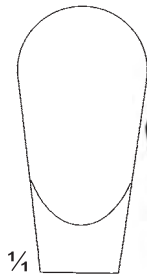
1/4

1/2  
Stille-Luer  
501-01-22 To 501-02-22  
22 cm / 8 3/4"

1/2  
Stille-Ruskin  
501-03-23  
23 cm / 9"



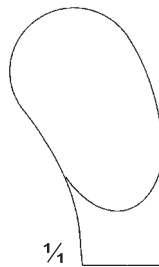
501-04-23  
23 cm / 9"



501-05-27  
27 cm / 10 1/2"



501-06-23  
23 cm / 9"



501-07-27  
27 cm / 10 1/2"

1/2  
Stille-Luer  
501-04-23 To 501-07-27



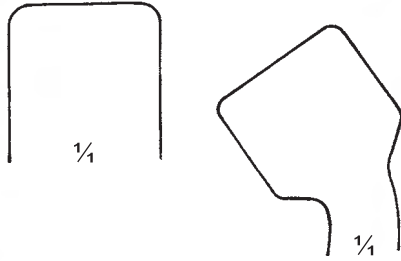
1/2  
Syvert  
501-08-36  
36 cm / 14 1/2"





1/2

Sauerbruch-Stille  
502-01-26  
26 cm / 10 1/4"



1/4

1/4



1/2

Sauerbruch-Stille  
502-02-26  
26 cm / 10 1/4"



1/4

502-04-31



1/4

502-05-31



1/2

Markwalder  
502-03-19  
19 cm / 7 1/2"



1/4

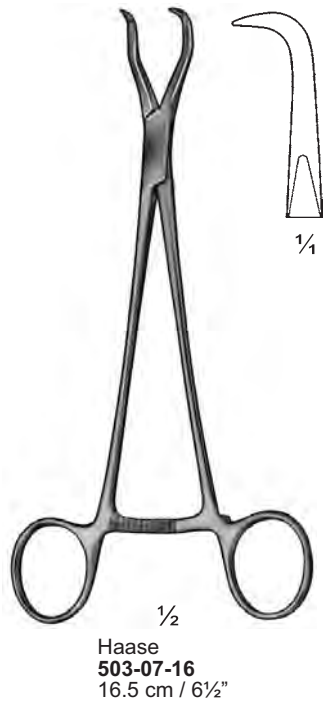
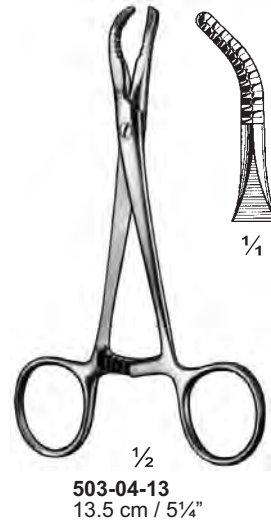
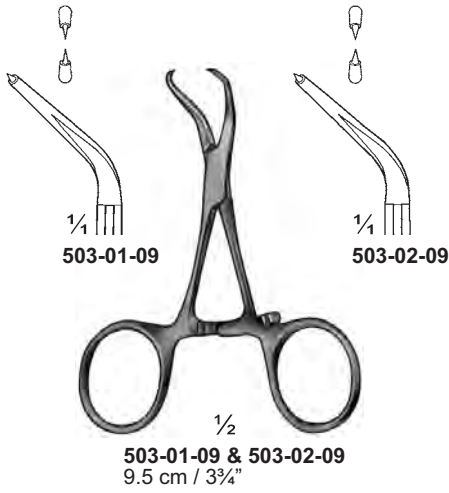
Rib rongeur



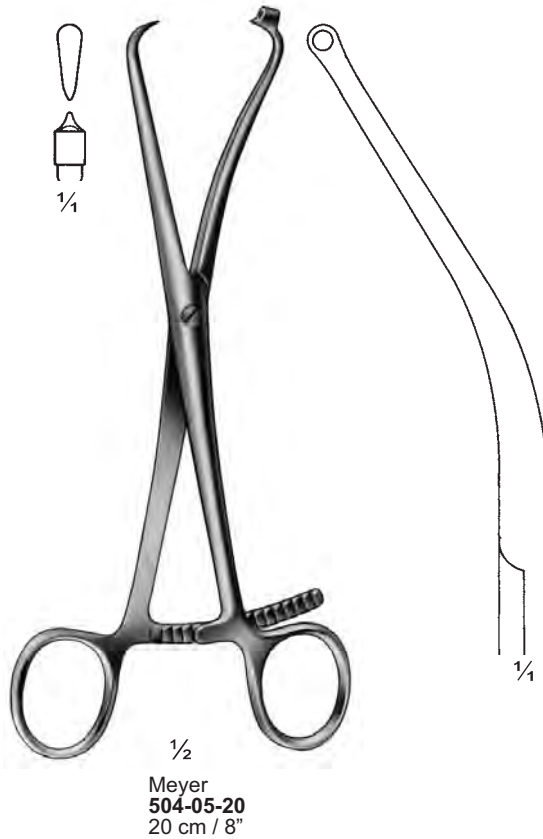
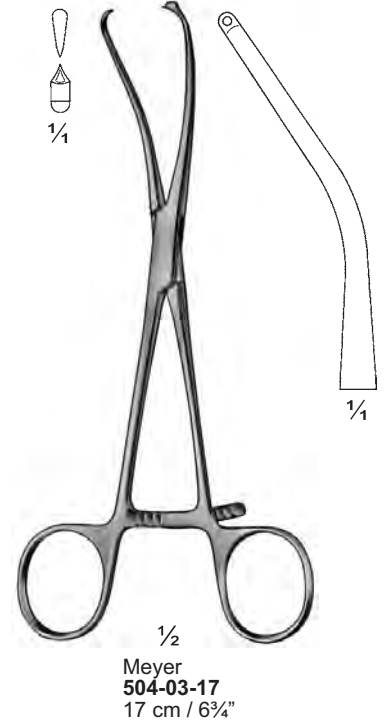
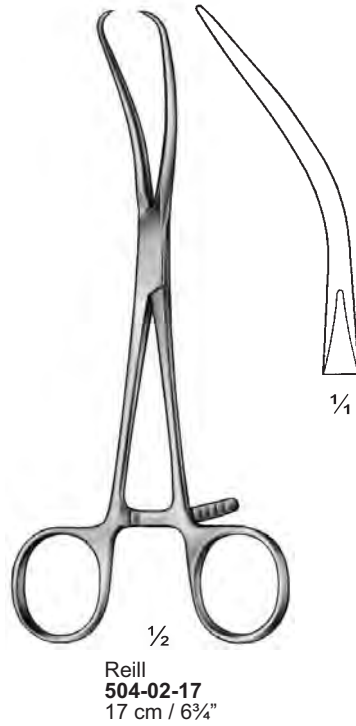
1/2

Sauerbruch-Coryllos  
502-04-31 To 502-05-31  
31 cm / 12 1/4"

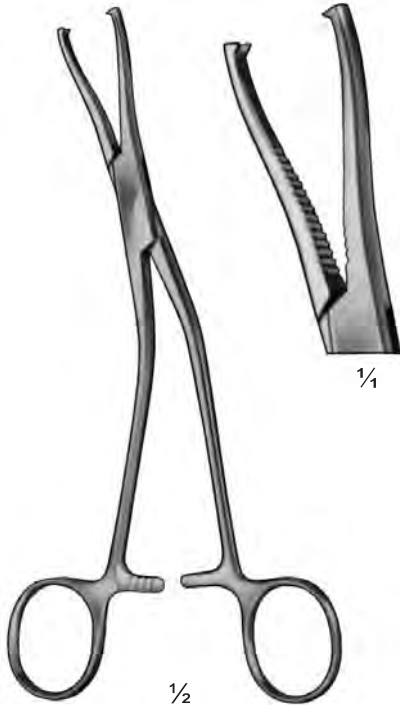
**Sehnenfazzangen  
Bone Holding Forceps  
Pincers pour saisir les tendons**



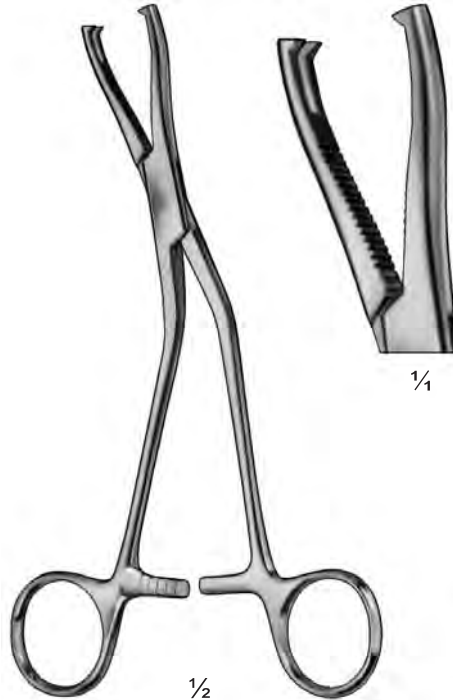
**Sehnenfazzangen**  
**Bone Holding Forceps**  
**Pinces pour saisir les tendons**



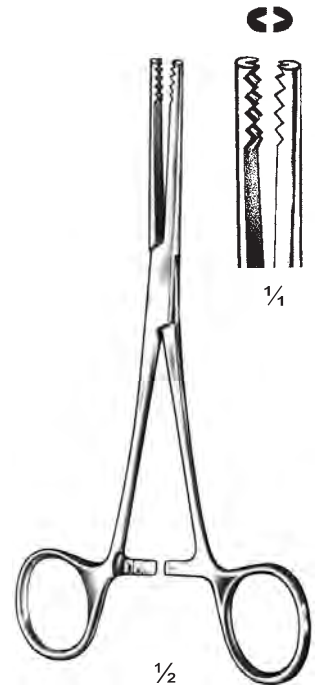
**Sehnenfazzangen**  
**Bone Holding Forceps**  
**Pinces pour saisir les tendons**



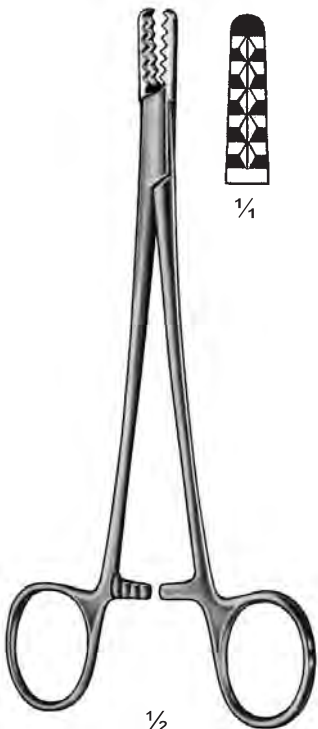
$\frac{1}{2}$   
**Dingmann**  
**505-01-18**  
 18.5 cm / 7 $\frac{1}{4}$ "



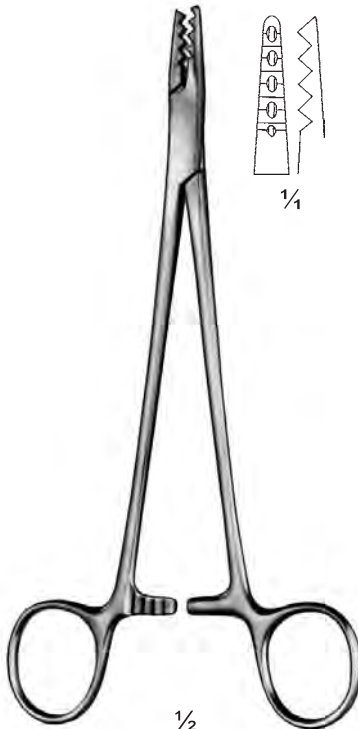
$\frac{1}{2}$   
**Dingmann**  
**505-02-18**  
 18.5 cm / 7 $\frac{1}{4}$ "



$\frac{1}{2}$   
**505-03-16**  
 16 cm / 6 $\frac{1}{4}$ "



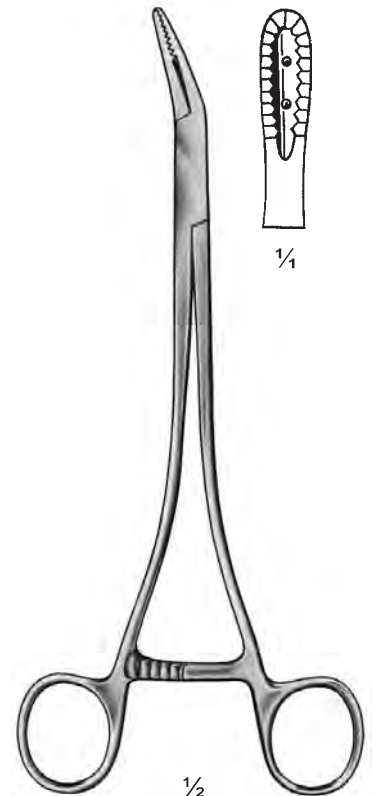
$\frac{1}{2}$   
**505-04-19**  
 19 cm / 7 $\frac{1}{2}$ "



$\frac{1}{2}$   
**505-05-19**  
 19 cm / 7 $\frac{1}{2}$ "



$\frac{1}{2}$   
**Perman**  
**505-06-21**  
 21 cm / 8 $\frac{1}{4}$ "

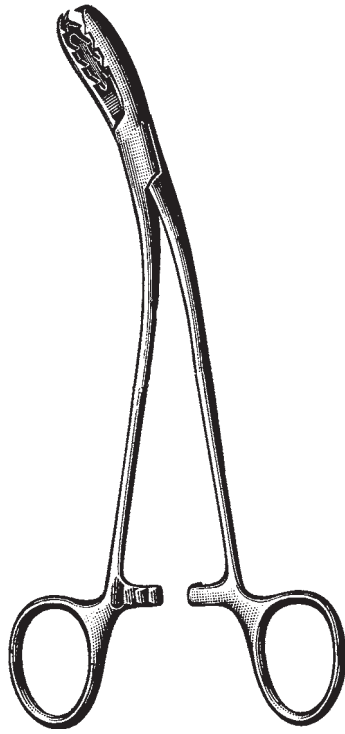


$\frac{1}{2}$   
**505-07-21**  
 21 cm / 8 $\frac{1}{4}$ "

**Sehnenfazzangen  
Bone Holding Forceps  
Pincettes pour saisir les tendons**



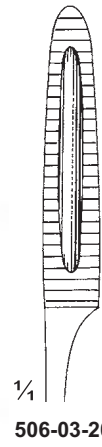
Bircher-Granske  
506-01-20  
20 cm / 8"



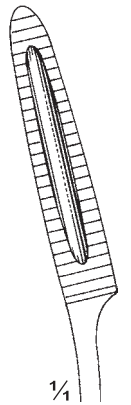
Bircher-Granske  
506-02-20  
20 cm / 8"



506-03-20 To 506-04-20  
20 cm / 8"



$\frac{1}{4}$   
506-03-20



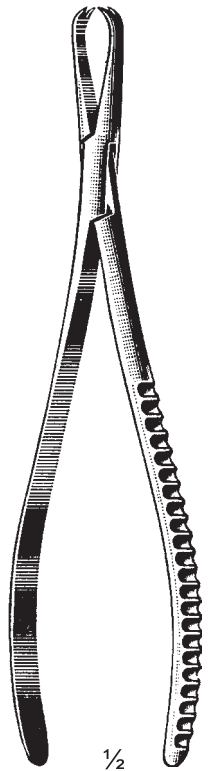
$\frac{1}{4}$   
506-04-20



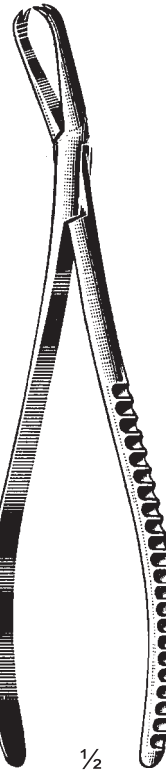
$\frac{1}{2}$   
506-05-20  
20 cm / 8"



$\frac{1}{4}$



$\frac{1}{2}$   
506-06-20  
20 cm / 8"



$\frac{1}{2}$   
506-07-20  
20 cm / 8"



$\frac{1}{4}$

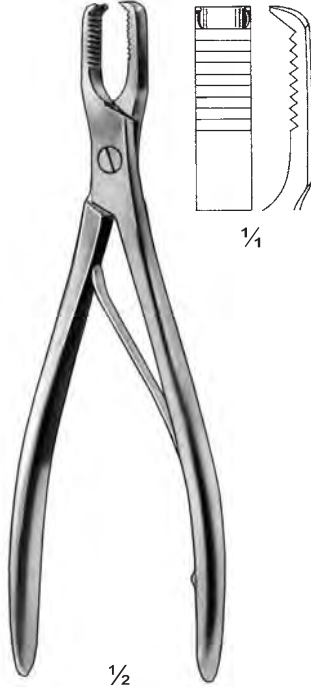


$\frac{1}{2}$   
Van Buren  
506-08-23  
23 cm / 9"

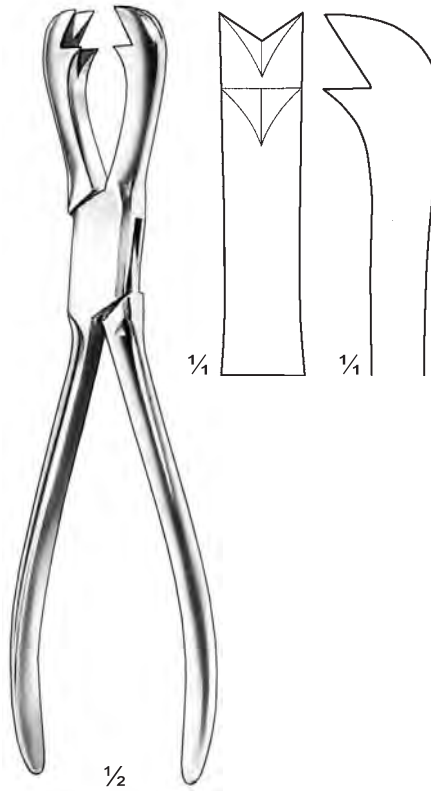
**Sehnenfazzangen**  
**Bone Holding Forceps**  
**Pinces pour saisir les tendons**



Frosch  
**507-01-14** Opening 10 mm  
 14 cm / 5½"



Frosch  
**507-02-18**  
 18 cm / 7"



Fergusson  
**507-03-21**  
 21 cm / 8¼"



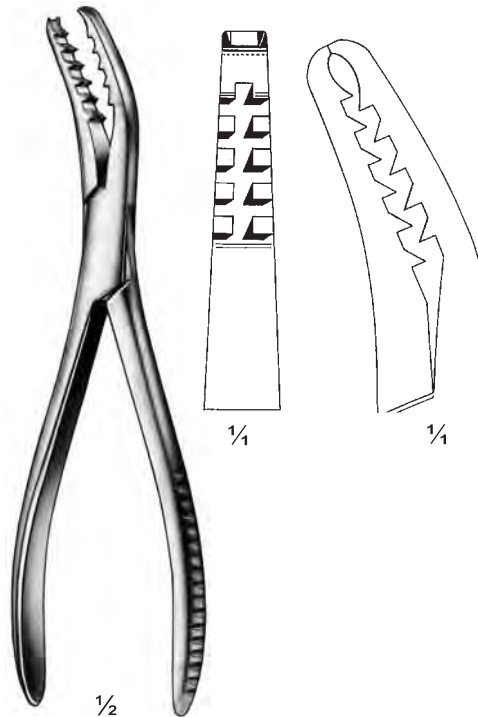
Rowe-Harrison  
**507-04-20**  
 20 cm / 8"



Semb  
**507-05-19**  
 19 cm / 7½"



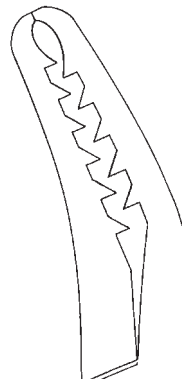
¼



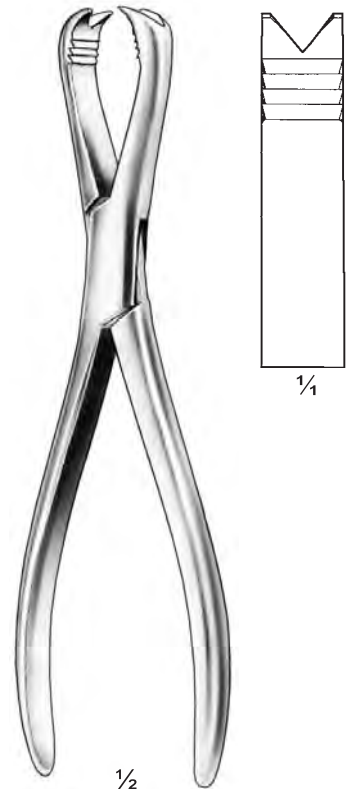
Semb  
**507-06-19**  
 19 cm / 7½"



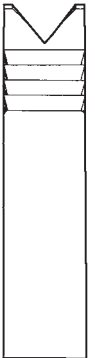
¼



¼

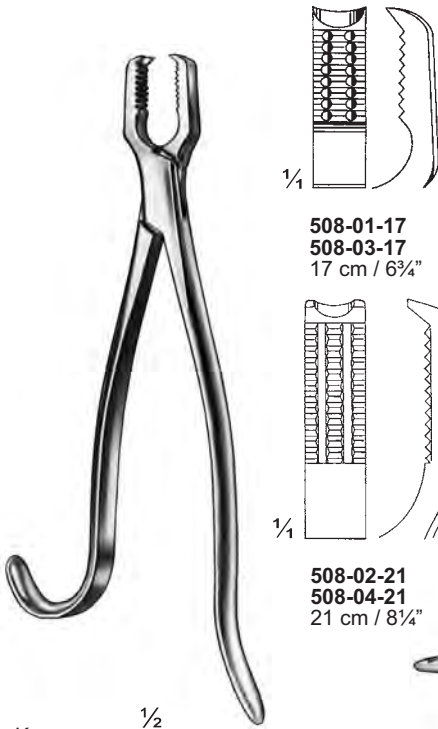


Langenbeck  
**507-07-21**  
 21 cm / 8¼"

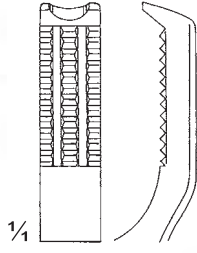


¼

**Sehnenfazzangen  
Bone Holding Forceps  
Pincés pour saisir les tendons**

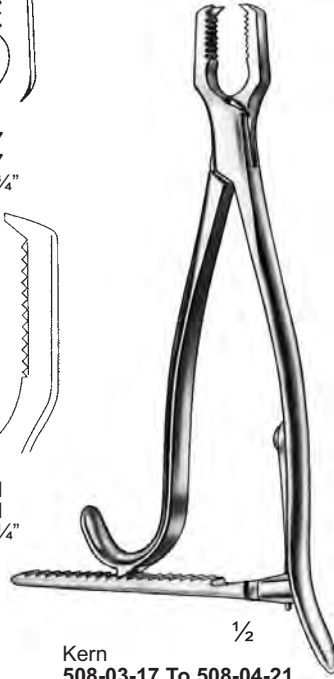


**508-01-17  
508-03-17  
17 cm / 6<sup>3</sup>/<sub>4</sub>"**



**508-02-21  
508-04-21  
21 cm / 8<sup>1</sup>/<sub>4</sub>"**

Kern  $\frac{1}{2}$   
**508-01-17 To 508-02-21**



Kern  $\frac{1}{2}$   
**508-03-17 To 508-04-21**



Kern-Mini  
**508-05-14  
14 cm / 5<sup>1</sup>/<sub>2</sub>"**



Kern-Mini  
**508-06-14  
14 cm / 5<sup>1</sup>/<sub>2</sub>"**



$\frac{1}{2}$   
Kern-Mini  
**508-07-15  
15 cm / 6"**

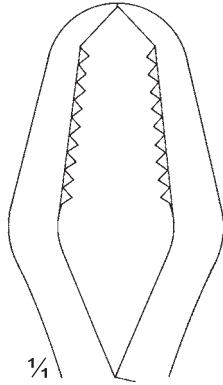
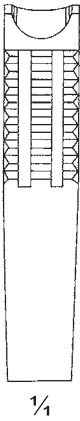


$\frac{1}{2}$   
Kern-Lane  
**508-08-24  
24 cm / 9<sup>1</sup>/<sub>2</sub>"**

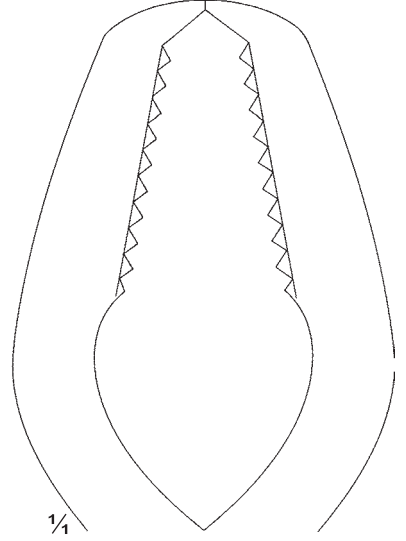
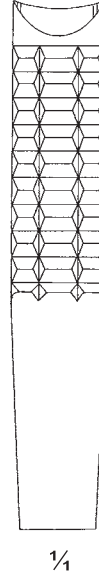
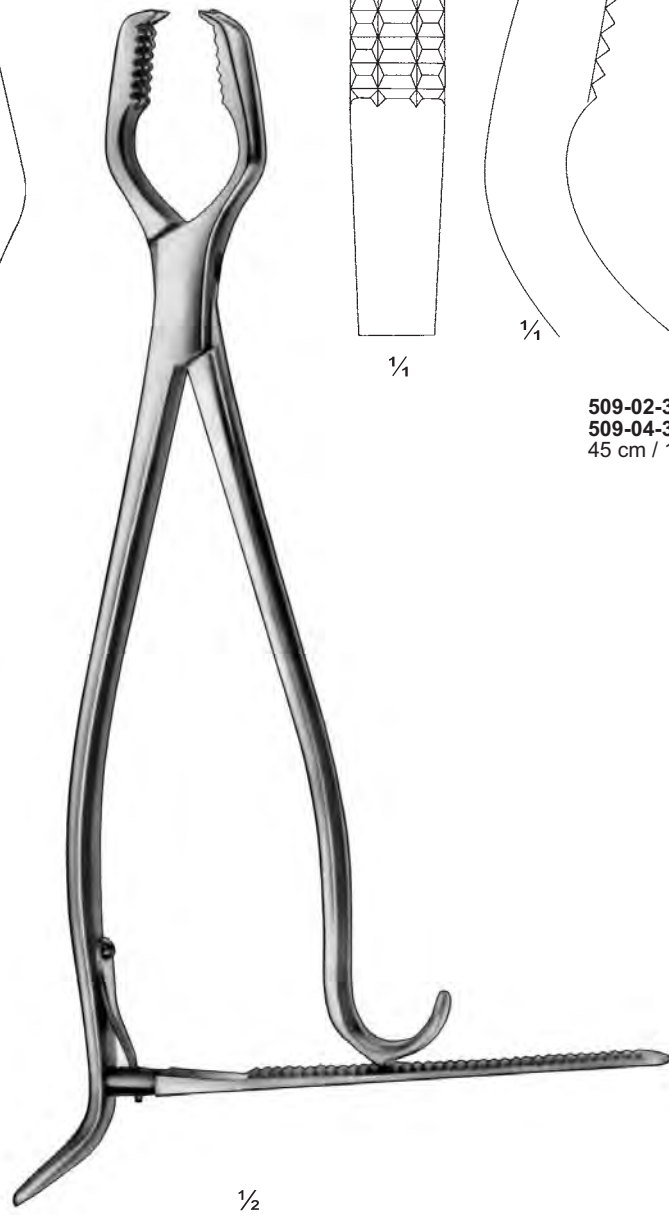


$\frac{1}{2}$   
Kern-Lane  
**508-09-24  
24 cm / 9<sup>1</sup>/<sub>2</sub>"**

**Sehnenfazzangen  
Bone Holding Forceps  
Pincés pour saisis les tendons**



**509-01-33  
509-03-33  
33 cm / 13"**



**509-02-33  
509-04-33  
45 cm / 17 3/4"**

Lane  
509-01-33 To 509-02-45

Lane  
509-03-33 To 509-04-45

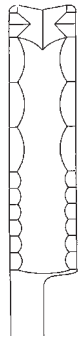


**Sehnenfazzangen  
Bone Holding Forceps  
Pincettes pour saisir les tendons**

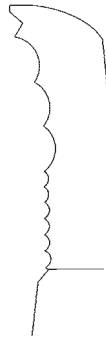


1/2

Farabeuf  
510-01-23 To 510-02-26



1/4



1/4



510-01-23  
23 cm / 9"  
9 mm

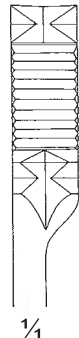


510-02-26  
26 cm / 10 1/4"  
11 mm



1/2

Tuffier  
510-03-27  
27 cm / 10 1/2"



1/4



1/4

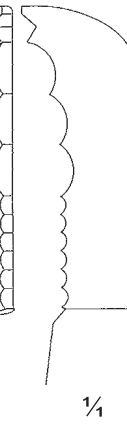


1/2

Farabeuf-Lambotte  
510-04-26  
26 cm / 10 1/4"



1/4



1/4

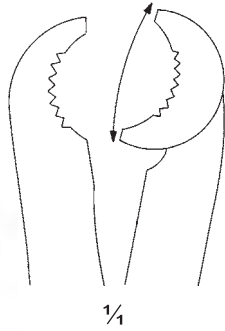


Farabeuf-Lambotte  
510-05-15  
15 cm / 6"

**Sehnenfasszangen**  
**Bone Holding Forceps**  
**Pinces pour saisir les tendons**



Lambotte  
 511-01-22 22 cm / 8<sup>3</sup>/<sub>4</sub>"  
 511-02-27 27 cm / 10<sup>1</sup>/<sub>2</sub>"  
 511-03-30 30 cm / 12"



1/4



Lambotte  
 511-04-22 To 511-06-33



1/2  
 511-04-22  
 22 cm / 8<sup>3</sup>/<sub>4</sub>"



1/2  
 511-05-26  
 26 cm / 10<sup>1</sup>/<sub>4</sub>"



1/2  
 511-06-33  
 33 cm / 13"



511-07-21 To 511-08-27



1/2  
 511-07-21  
 21.5 cm / 8<sup>1</sup>/<sub>2</sub>"



1/2  
 511-08-27  
 27.5 cm / 10<sup>3</sup>/<sub>4</sub>"

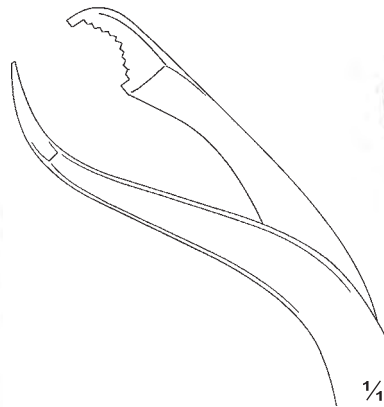
**Sehnenfazzangen  
Bone Holding Forceps  
Pinces pour saisir les tendons**



**512-01-23  
512-04-23**  
23 cm / 9"



**512-02-25  
512-05-25**  
25 cm / 10"



**512-03-28  
512-06-28**  
28 cm / 11"



**Verbrugge  
512-07-17**  
17 cm / 6 3/4"

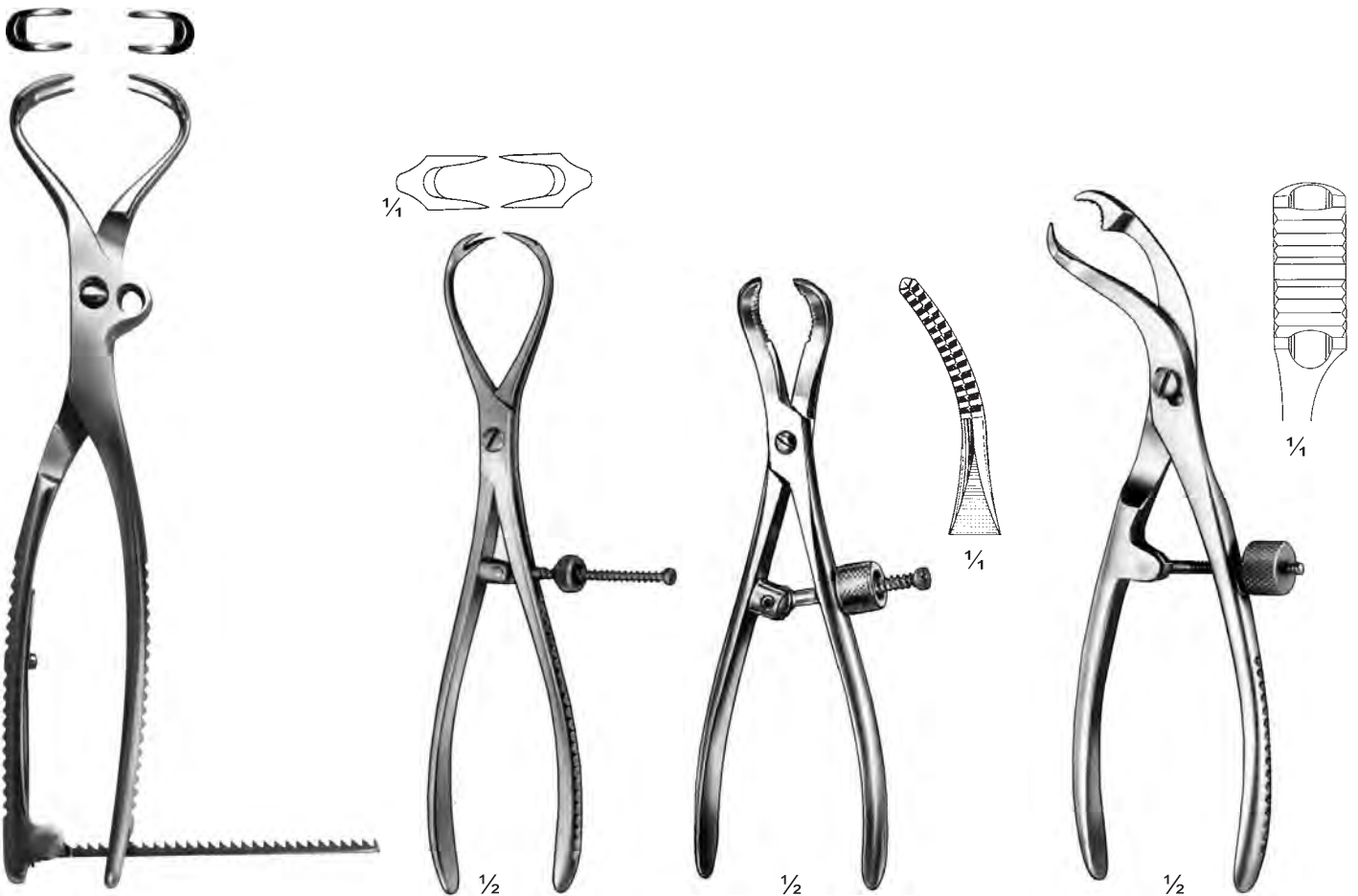
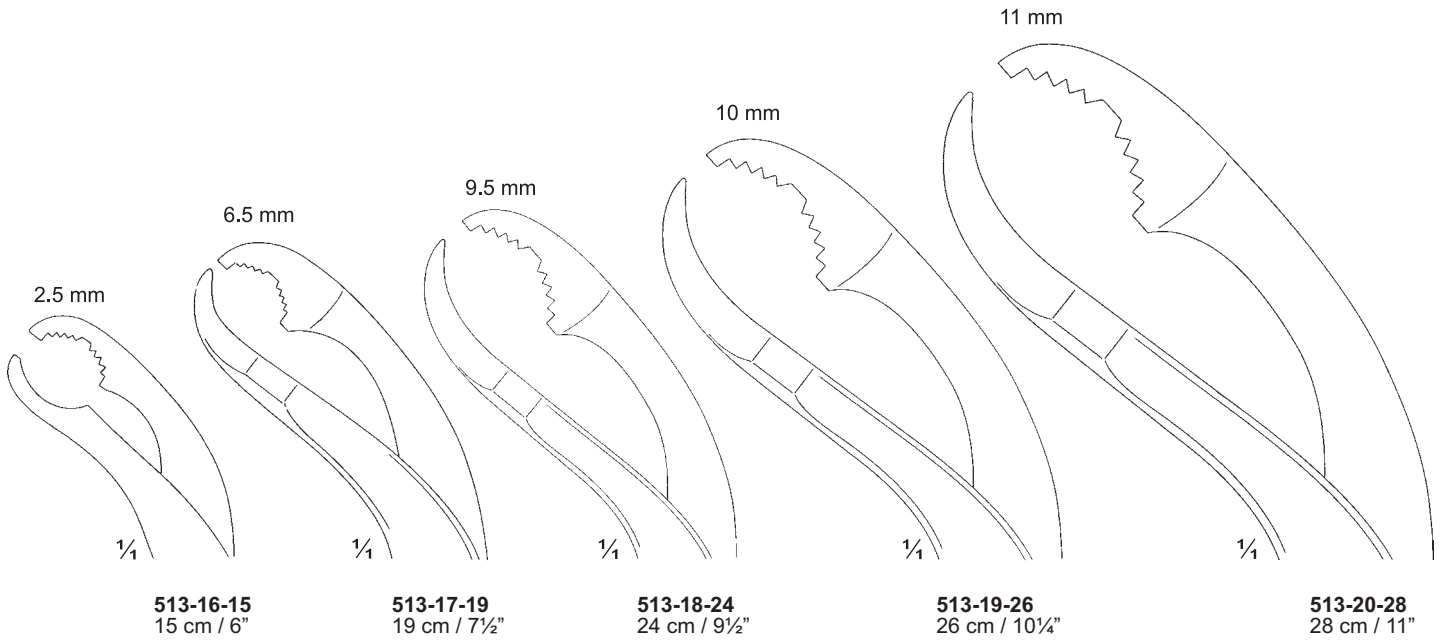


Ulrich  
**512-01-23 To 512-03-28**



Ulrich  
**512-04-23 To 512-06-28**

# Sehnenfazzangen Bone Holding Forceps Pincettes pour saisir les tendons



**513-01-16** 16 cm / 6¼"  
**513-02-18** 18 cm / 7"  
**513-03-20** 20 cm / 8"  
**513-04-22** 22 cm / 8¾"  
**513-05-24** 24 cm / 9½"

**513-06-16** 16 cm / 6¼"  
**513-07-18** 18 cm / 7"  
**513-08-20** 20 cm / 8"  
**513-09-22** 22 cm / 8¾"  
**513-10-24** 24 cm / 9½"

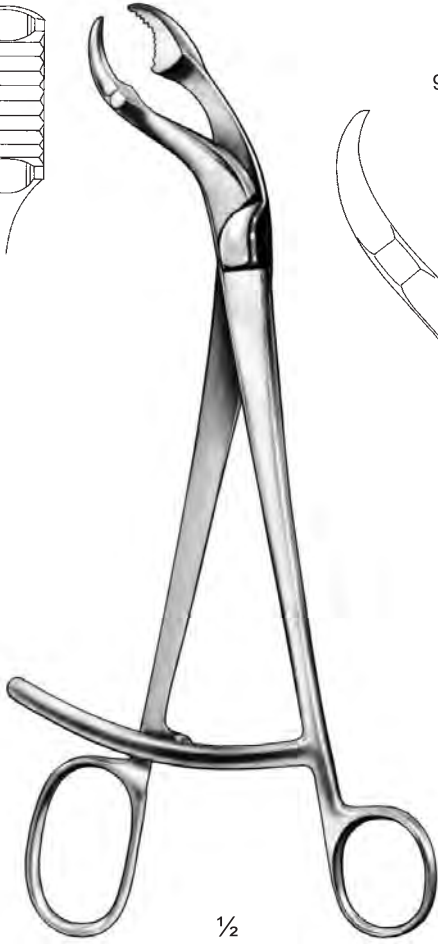
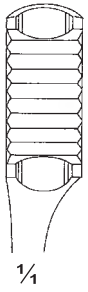
**513-11-16** 16 cm / 6¼"  
**513-12-18** 18 cm / 7"  
**513-13-20** 20 cm / 8"  
**513-14-22** 22 cm / 8¾"  
**513-15-24** 24 cm / 9½"

**513-16-15 To 513-20-28**  
 Self-Centering

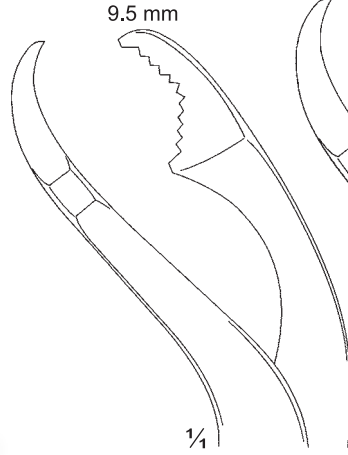
## Sehnenfazzangen Bone Holding Forceps Pinces pour saisir les tendons



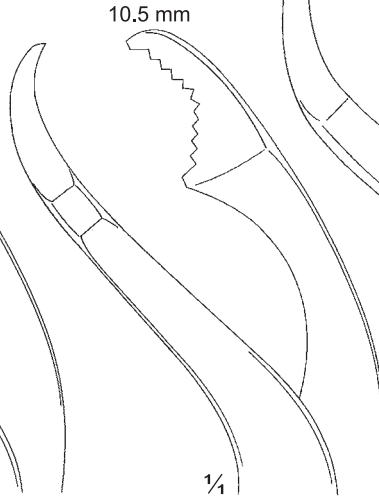
**Sehnenfazzangen**  
**Bone Holding Forceps**  
**Pinces pour saisir les tendons**



Verbrugge  
 515-01-25 To 515-03-27



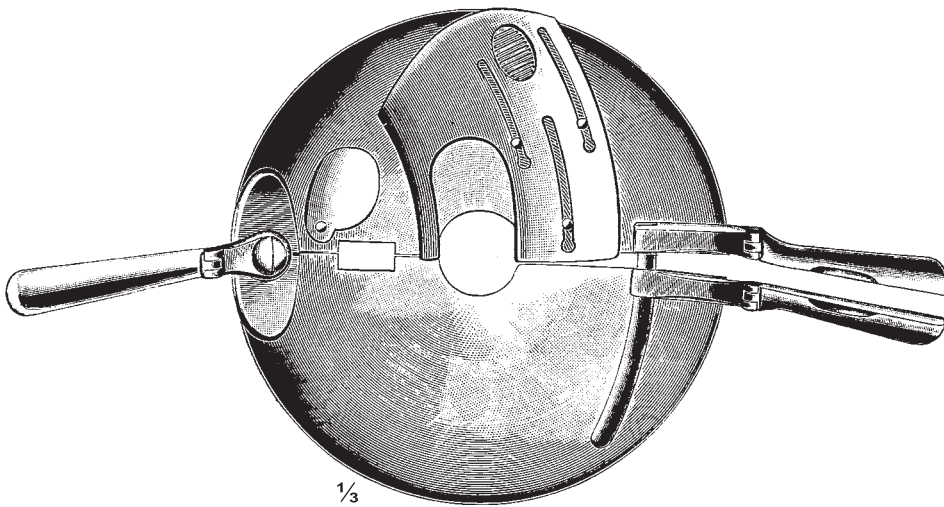
515-01-25  
 25 cm / 10"



515-02-26  
 26 cm / 10 1/4"



515-03-27  
 27 cm / 11"



Percy  
 515-04-19  
 19.5 cm / 7 3/4"  
 Reversible handles

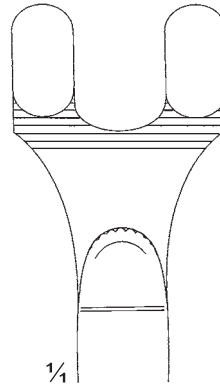
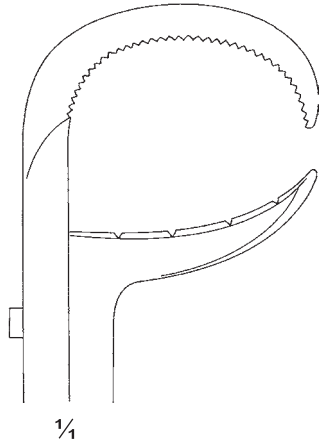


Percy  
 515-05-16  
 16.5 cm / 6 1/2"

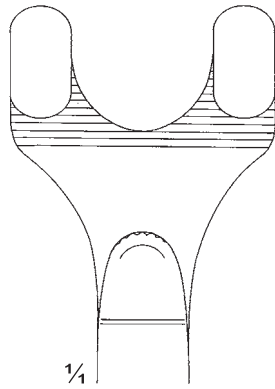
# Knochenhalteklammern Bone Holding Forceps Daviers à os



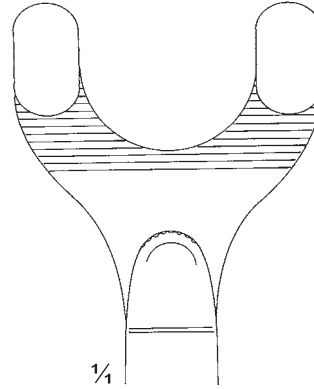
Lowmann  
516-01-18 To 516-03-22



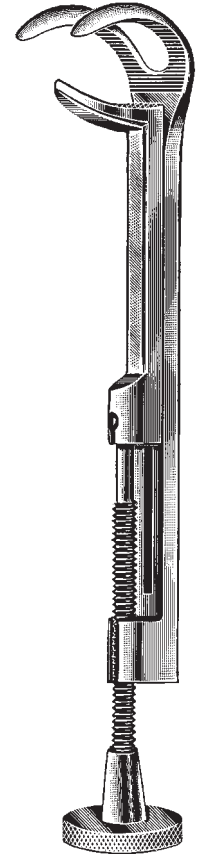
516-01-18  
516-04-18  
18 cm / 7"



516-02-20  
516-05-20  
20 cm / 8"



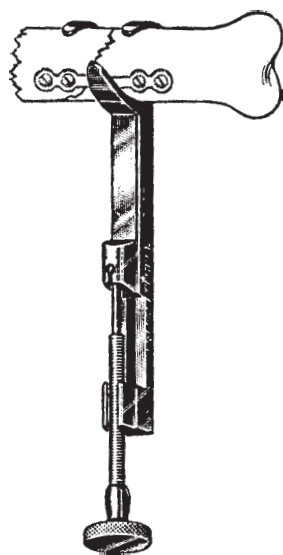
516-03-22  
516-06-22  
22 cm / 8 3/4"



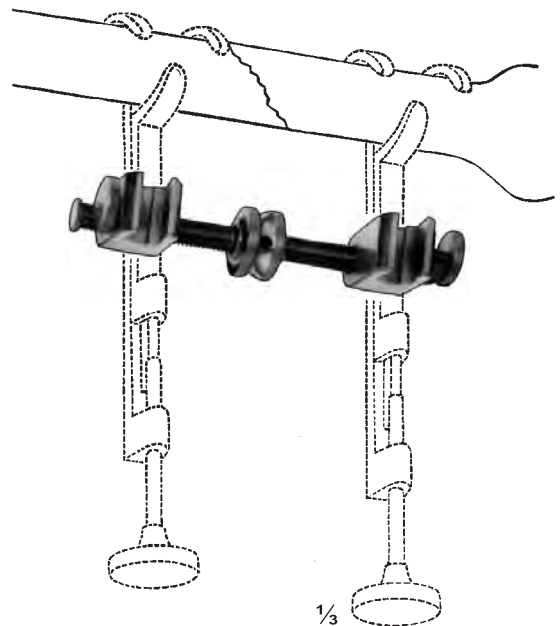
Lowmann  
516-04-18 To 516-06-22



Lowmann  
516-07-12 12 cm / 4 3/4"  
516-08-15 15 cm / 6"  
516-09-18 18 cm / 7"  
516-10-20 20 cm / 8"  
516-11-22 22 cm / 8 3/4"



Lowmann  
516-12-12 12 cm / 4 3/4"  
516-13-15 15 cm / 6"

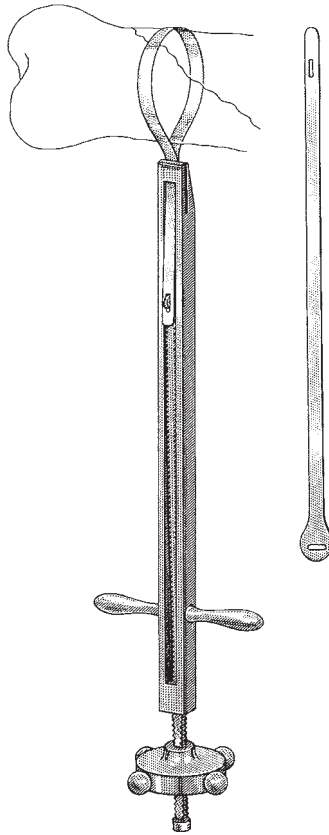


Gerster  
516-14-00  
Traction bar for Lowmann clamps



1/2

**Lowmann-Hoglund**  
**517-01-12** 12 cm / 4 3/4"  
**517-02-15** 15 cm / 6"  
**517-03-18** 18 cm / 7"  
**517-04-20** 20 cm / 8"  
**517-05-22** 22 cm / 8 3/4"

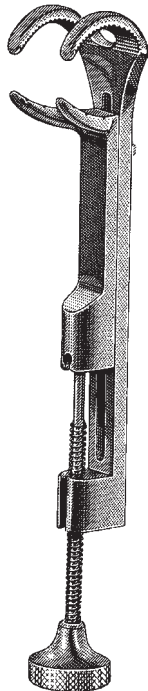


**Parham**  
**517-06-21**  
 21.5 cm / 8 1/2"  
 With 2 bands

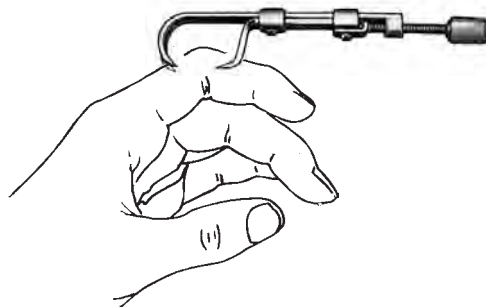


1/2

**Lowmann-Gerster**  
**517-07-12** 12 cm / 4 3/4"  
**517-08-15** 15 cm / 6"  
**517-09-18** 18 cm / 7"  
**517-10-20** 20 cm / 8"  
**517-11-22** 22 cm / 8 3/4"



**Lambert-Lowmann**  
**517-12-12** 12 cm / 4 3/4"  
**517-13-15** 15 cm / 6"  
**517-14-18** 18 cm / 7"  
**517-15-20** 20 cm / 8"  
**517-16-22** 22 cm / 8 3/4"



1/2

**Bunnell-Howard**  
**517-17-15**  
 15 cm / 6"



**Bleihände, Fingernagelbohrer, Fingerringsägen**  
**Lead Hand, Finger Nail Drill, Finger Ring Saws**  
**Manches en plomb, perforateur à ongles, scies pour couper les bagues**



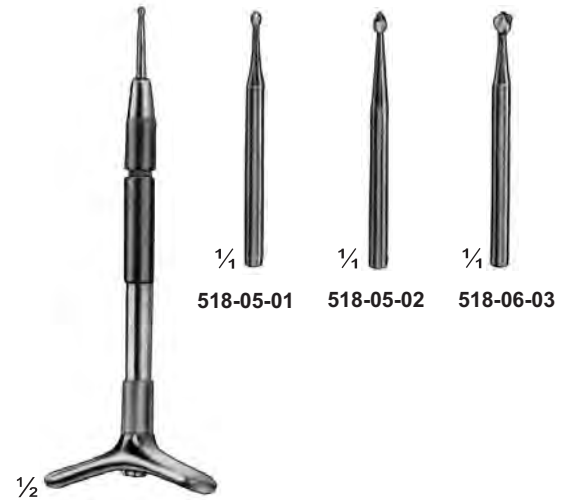
1/2

**518-01-01** Child size  
**518-02-02** Adult size



1/2

Feldheim  
**518-03-10**  
 10 cm / 4"



1/2

1/4

**518-05-01**

1/4

**518-05-02**

1/4

**518-06-03**

**518-04-01 To 518-06-03**  
 With 1 drill point  
**518-07-03**  
 With 3 drill points



1/4

**518-08-01**

1/4

**518-09-02**

1/4

**518-10-03**

**518-08-01 To 518-10-03**  
 With 1 drill point  
**518-11-03**  
 With 3 drill points



1/2

Systrunk  
**518-12-13**  
 13 cm / 5 1/8"

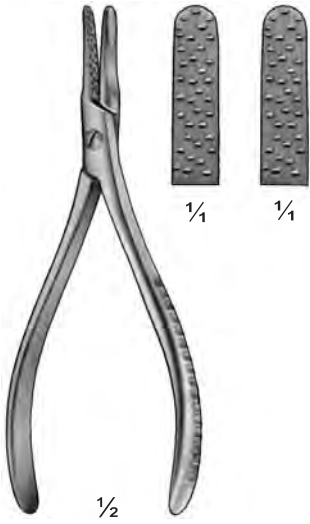


1/2

**518-13-13**  
 13.5 cm / 5 1/4"  
 Nail splitting forceps



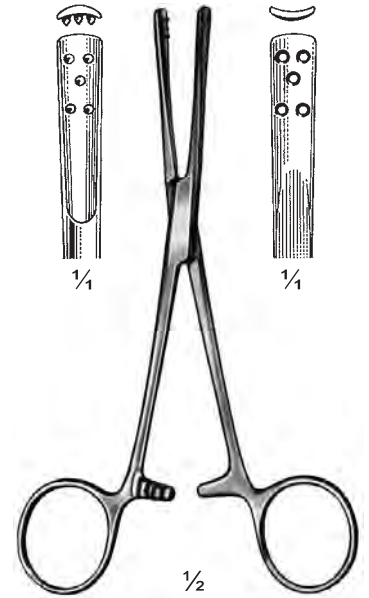
1/4



**519-01-13**  
13.5 cm / 5¼"



**519-02-14**  
14.5 cm / 5¾"



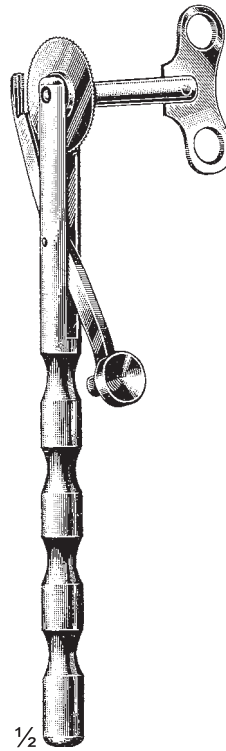
Penner  
**519-03-15**  
15.5 cm / 6⅞"



**519-04-17**  
17 cm / 6¾"



Walton  
**519-05-16**  
16 cm / 6¼"



Smith  
**519-06-19**  
19 cm / 7½"



**519-07-17**  
17 cm / 6¾"

**Rippenscheren  
Rib Shears  
Costotomes**



$\frac{1}{2}$   
**520-01-23**  
23 cm / 9"



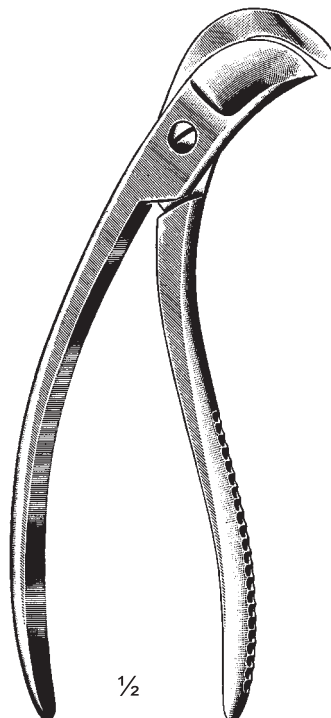
$\frac{1}{2}$   
**520-02-22**  
22 cm / 8 $\frac{3}{4}$ "



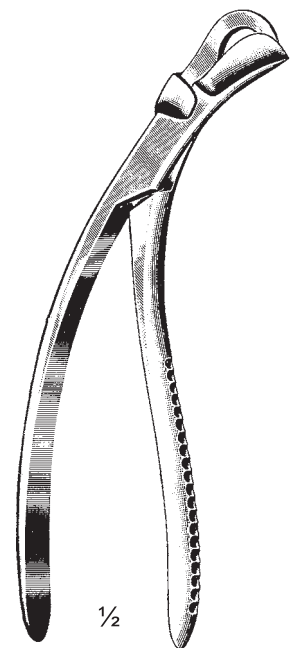
$\frac{1}{2}$   
Gluck  
**520-03-16** 16 cm / 6 $\frac{1}{4}$ "  
**520-04-18** 18 cm / 7"  
**520-05-20** 20 cm / 8"  
**520-06-23** 23 cm / 9"



$\frac{1}{2}$   
Stille  
**520-07-21**  
21 cm / 8 $\frac{1}{4}$ "



$\frac{1}{2}$   
Collin  
**520-08-19**  
19.5 cm / 7 $\frac{3}{4}$ "



$\frac{1}{2}$   
Collin  
**520-09-17**  
17 cm / 6 $\frac{3}{4}$ "



1/3

Sauerbruch  
521-01-23 23 cm / 9"  
521-02-26 26 cm / 10 1/4"



1/3

Lebsche  
521-03-25  
25 cm / 10"



1/3

Giertz-Stille  
521-04-25  
25 cm / 10"



1/3

Sauerbruch-Frey  
521-05-36  
36 cm / 14"



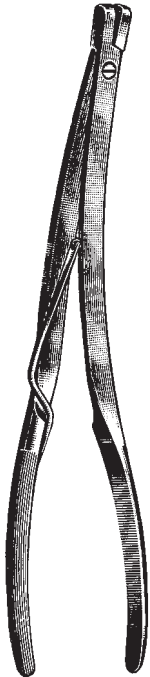
1/3

Brunner  
521-06-34  
34 cm / 13 1/2"

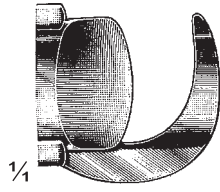


1/2

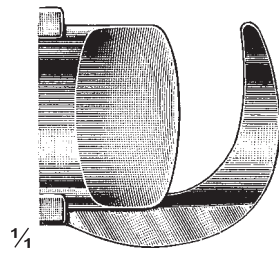
Schuchardt  
521-07-17 17 cm / 6 3/4"  
521-08-23 23 cm / 9"



Baer  
522-01-19 & 522-02-23



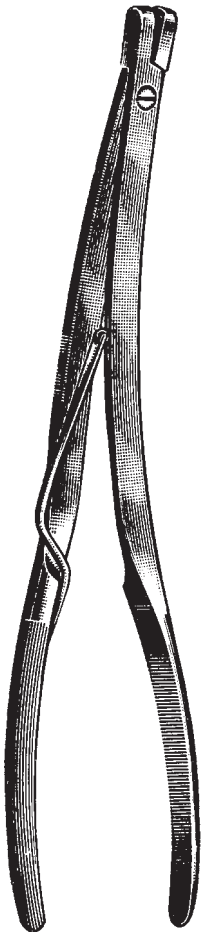
522-01-19  
19 cm / 7½"



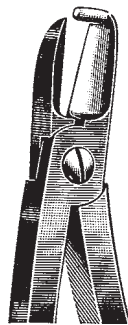
522-02-23  
23 cm / 9"



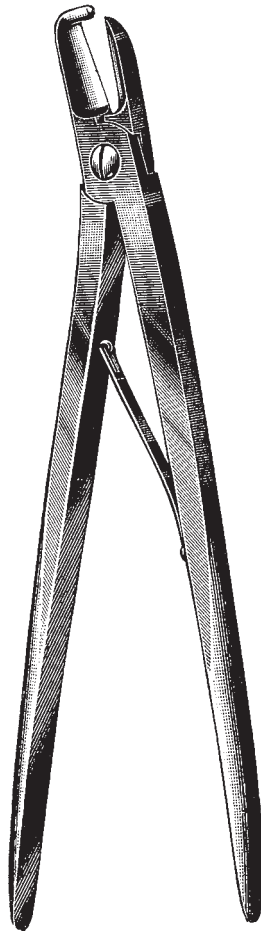
1/3  
Sauerbruch-Britsch  
522-03-30  
30 cm / 12"  
With 2 exchangeable  
cutterheads



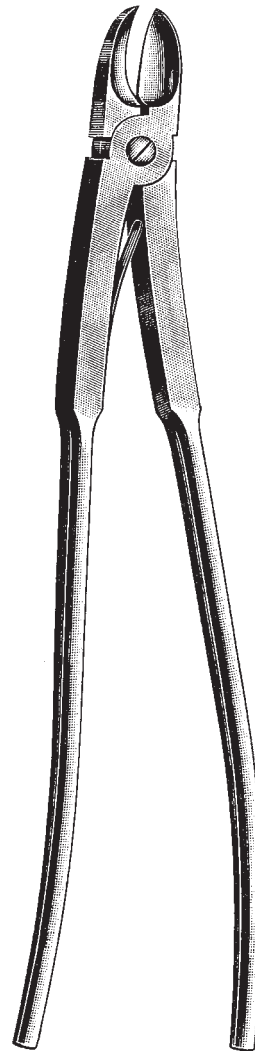
Lebsche  
522-04-33  
33 cm / 13"



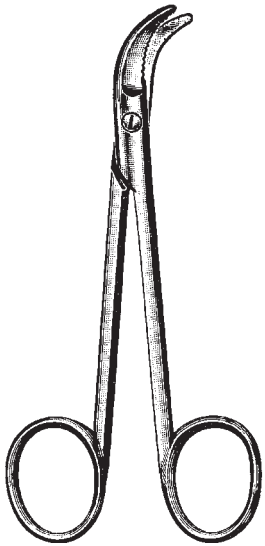
522-06-30  
Right



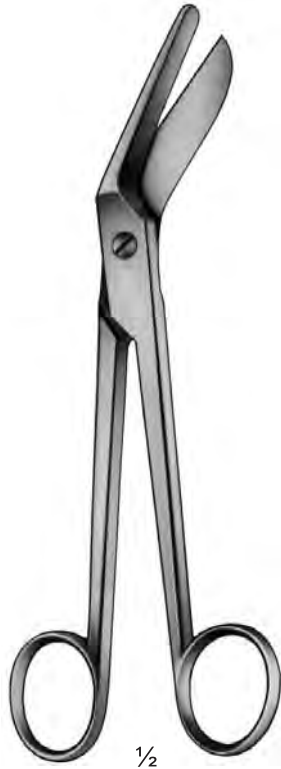
522-05-30 Left  
Coryllos-Bethune (Collin)  
522-05-30 & 522-06-30  
30 cm / 12"



Bethune  
522-07-34  
34 cm / 13½"



Potts  
523-01-15  
15 cm / 6"  
One Blade serrated



Braun-Stadler  
523-02-20  
20 cm / 8"  
One blade serrated



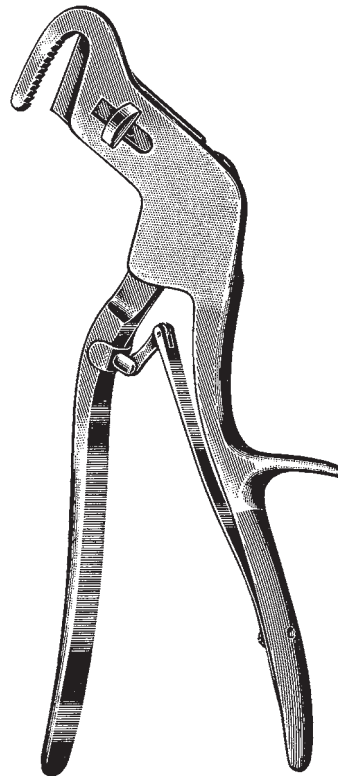
Lebsche  
523-03-20  
20 cm / 8"



Oelert  
523-06-28  
28 cm / 11"



Schumacher  
523-04-21  
21 cm / 8¼"



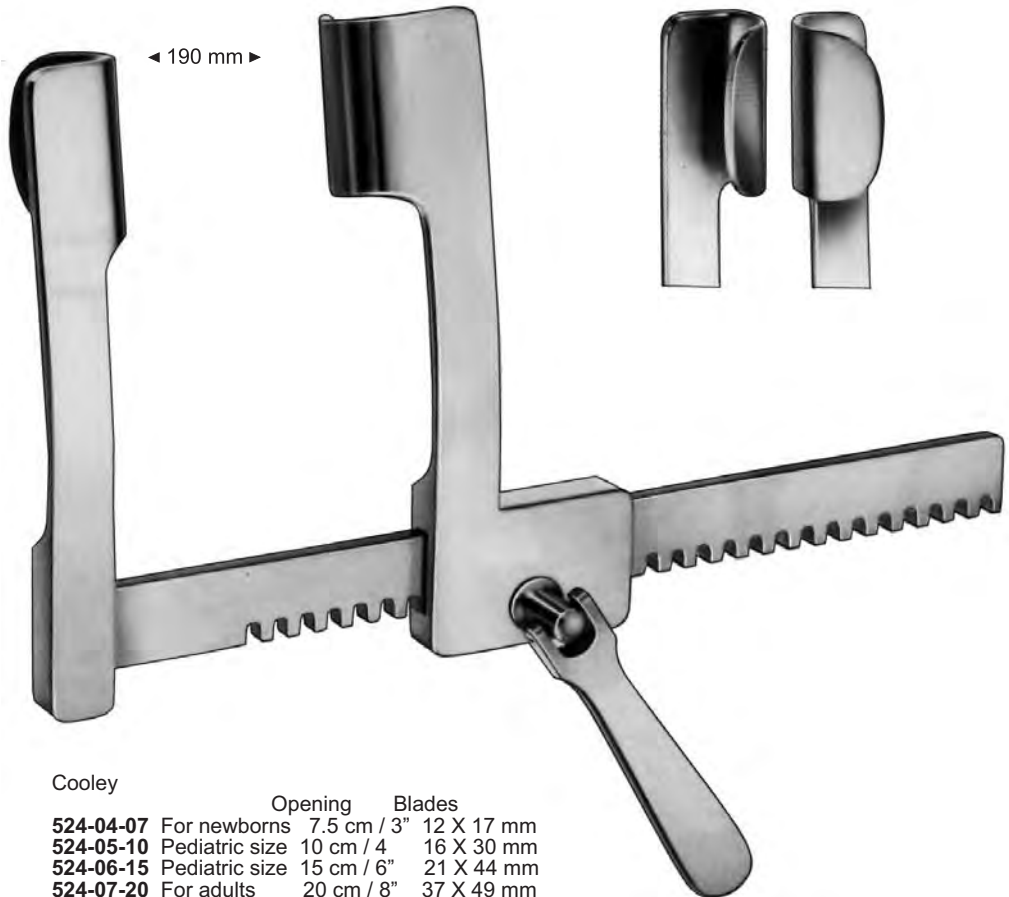
Lebsche  
523-05-25  
25 cm / 10"



**524-01-12**  
 Opening 12 cm / 4¾"  
 Blades 28 X 32 mm



Morse  
**524-02 -20** For children  
 With moveable double blades  
 Opening 20 cm / 8"  
 Blades 12 X 20 mm  
**524-03-20** For adults  
 With moveable double blades  
 Opening 20 cm / 8"  
 Blades 19 X 19 mm



Cooley

	Opening	Blades
<b>524-04-07</b> For newborns	7.5 cm / 3"	12 X 17 mm
<b>524-05-10</b> Pediatric size	10 cm / 4"	16 X 30 mm
<b>524-06-15</b> Pediatric size	15 cm / 6"	21 X 44 mm
<b>524-07-20</b> For adults	20 cm / 8"	37 X 49 mm



Struck  
525-01-07 To 525-05-07  
Opening 7.5 cm / 3"  
For infants



525-01-07  
Blades 10 X 10 mm



525-02-07  
Blades 10 X 15 mm



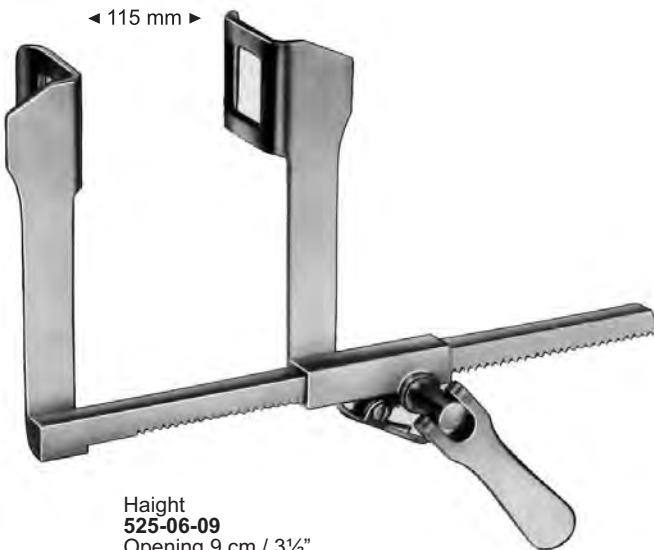
525-03-07  
Blades 10 X 20 mm



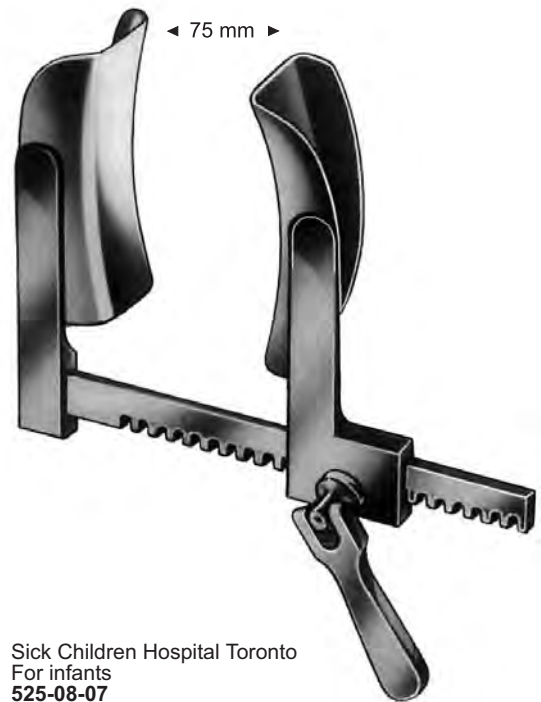
525-04-07  
Blades 15 X 20 mm



525-05-07  
Blades 20 X 20 mm



Haight  
525-06-09  
Opening 9 cm / 3½"  
Blades 30 X 30 mm  
525-07-11  
Opening 11.5 cm / 4½"  
Blades 30 X 30 mm



Sick Children Hospital Toronto  
For infants  
525-08-07  
Opening 7.5 cm / 3"  
Blades 20 X 40 mm  
525-09-07  
Opening 7.5 cm / 3"  
Blades 20 X 60 mm

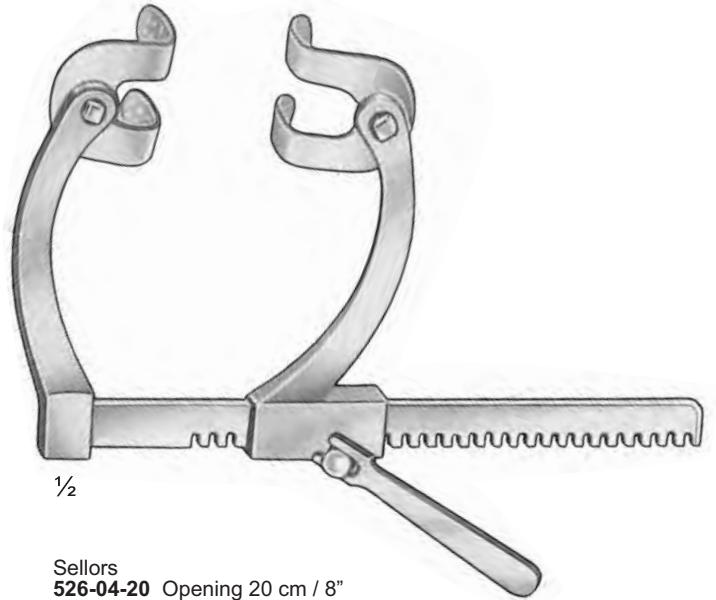


◀ 165 mm ▶



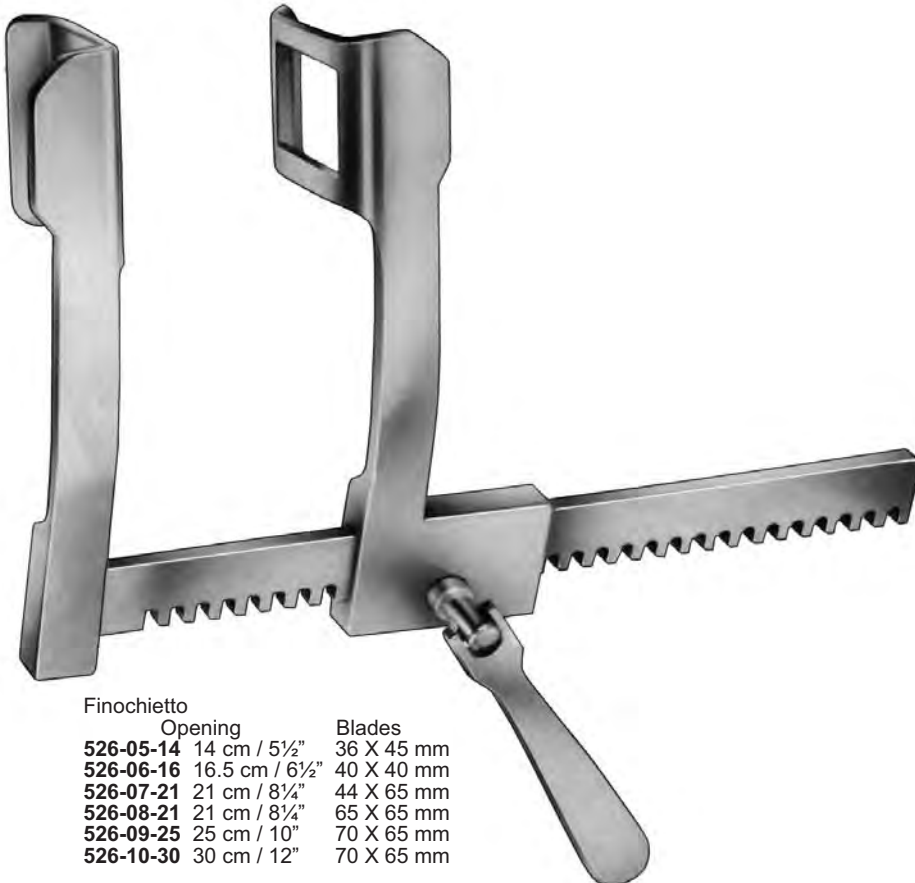
**Tuffier**  
**526-01-13** Opening 13 cm / 5 1/8"  
**526-02-15** Opening 15 cm / 6"  
**526-03-16** Opening 16.5 cm / 6 1/2"  
 Blades 50 X 45 mm

◀ 200 mm ▶



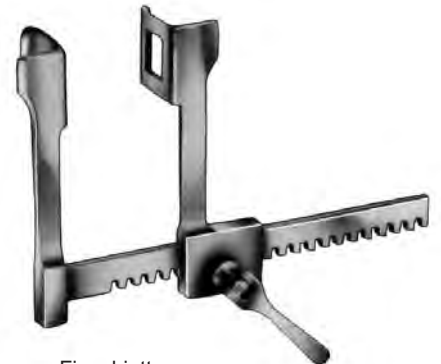
**Sellors**  
**526-04-20** Opening 20 cm / 8"  
 Blades 38 X 50 mm

◀ 210 mm ▶

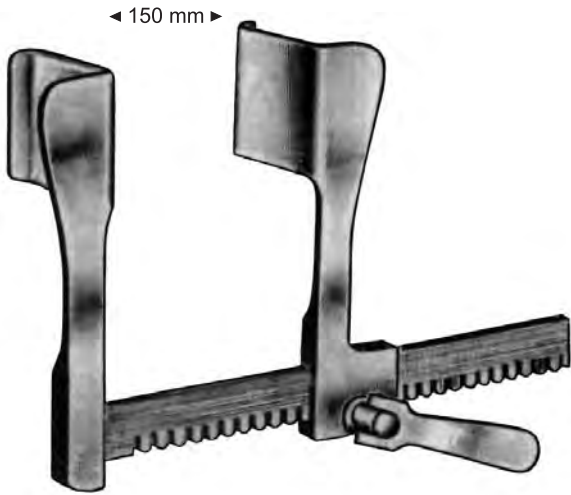


**Finochietto**  
 Opening                      Blades  
**526-05-14** 14 cm / 5 1/2"      36 X 45 mm  
**526-06-16** 16.5 cm / 6 1/2"      40 X 40 mm  
**526-07-21** 21 cm / 8 1/4"      44 X 65 mm  
**526-08-21** 21 cm / 8 1/4"      65 X 65 mm  
**526-09-25** 25 cm / 10"      70 X 65 mm  
**526-10-30** 30 cm / 12"      70 X 65 mm

◀ 75 mm ▶



**Finochietto**  
**526-11-07**  
 Opening 7.5 cm / 3"  
 Blades 18 X 21 mm



Reinhoff-Finochietto  
Opening 15 cm / 6"  
Blades 25 X 20 mm  
527-01-15 15 cm / 6" 38 X 32 mm  
527-02-15 15 cm / 6" 48 X 45 mm



Hertzler  
Opening 7.5 cm / 3"  
Blades 25 X 20 mm  
527-04-07 7.5 cm / 3" 38 X 32 mm  
527-05-09 9.5 cm / 3 3/4" 48 X 45 mm  
527-06-10 10.5 cm / 4" 48 X 45 mm



De Bakey  
527-07-15 To 527-09-15  
Opening 15 cm / 6"  
527-10-03  
With 3 pairs of interchangeable  
blades 527-07-15 To 527-09-15



527-07-15  
Blades 30 X 30 mm



527-08-15  
Blades 40 X 40 mm



527-09-15  
Blades 50 X 50 mm



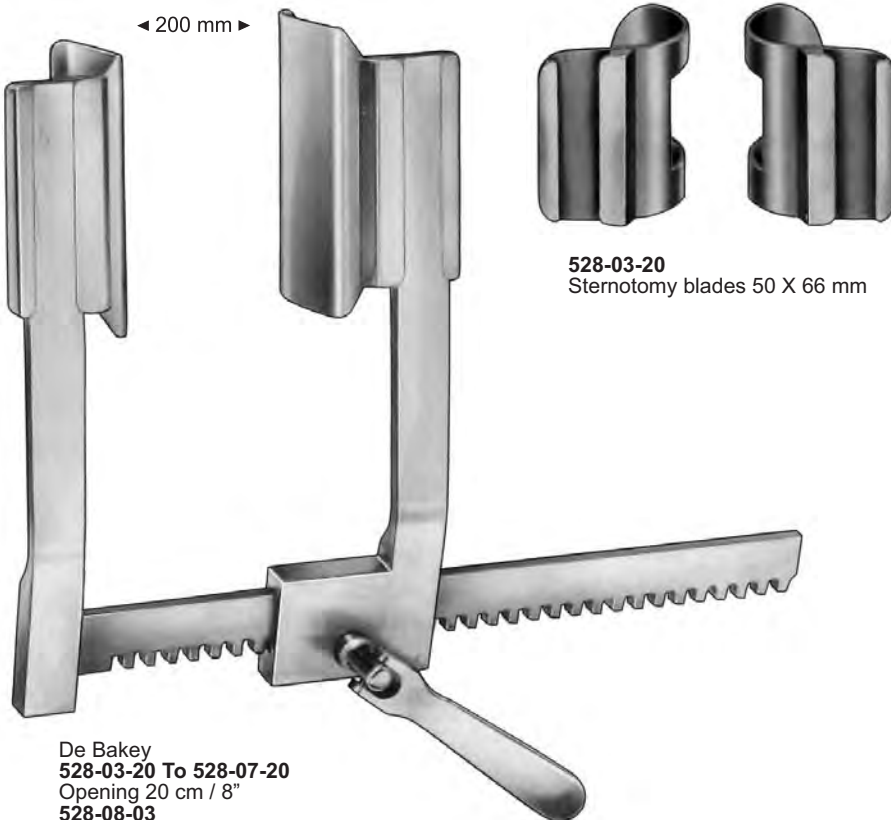
Nissen  
**528-01-23** Opening 23 cm / 9"  
 Blades 25 X 75 mm  
 Blades 40 X 53 mm  
**528-02-25** Opening 25 cm / 10"  
 Blades 25 X 75 mm  
 Blades 40 X 53 mm



**528-04-20**  
 Blades 80 X 60 mm



**528-05-20**  
 Blades 60 X 60 mm



**528-03-20**  
 Sternotomy blades 50 X 66 mm

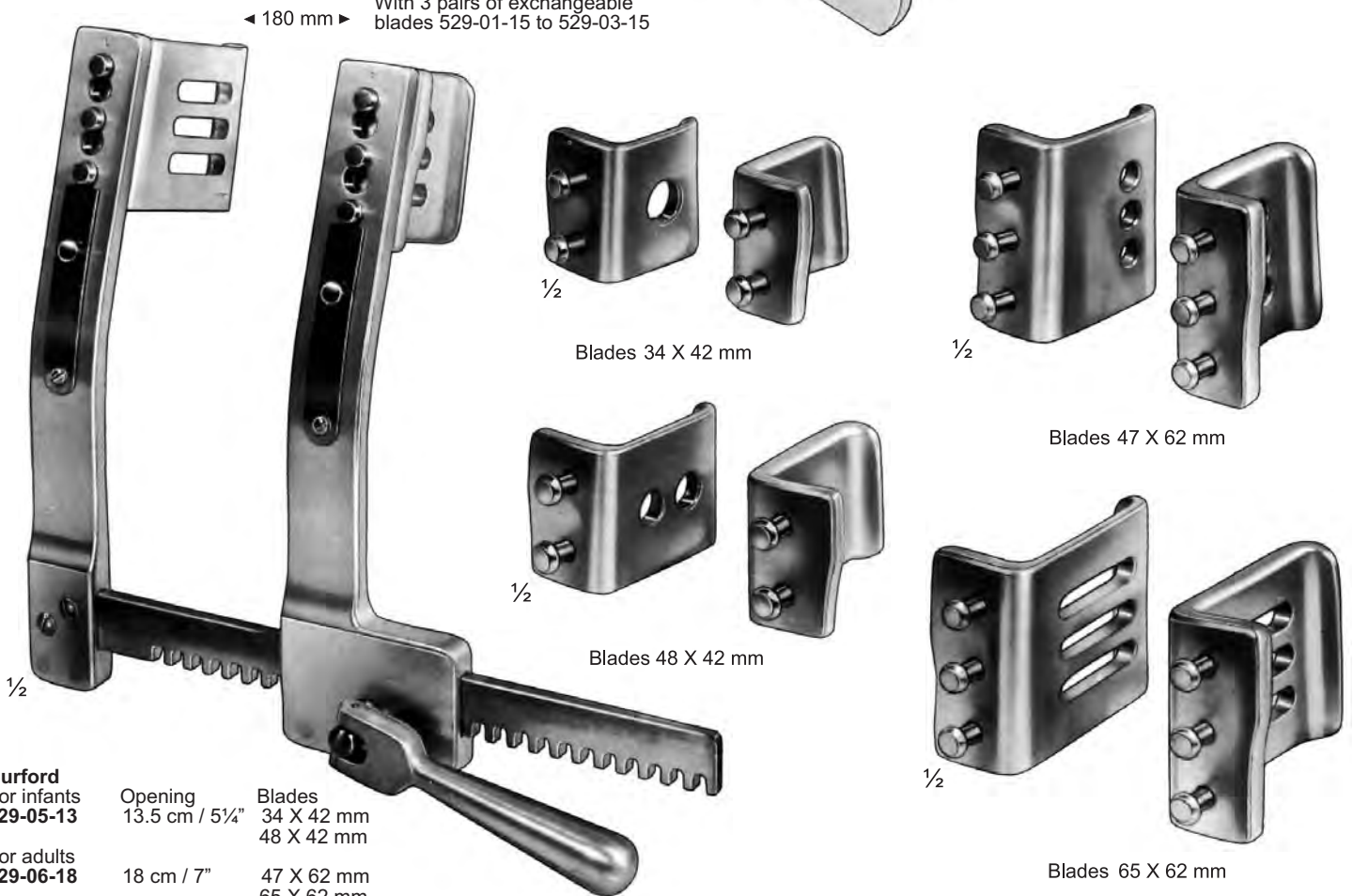
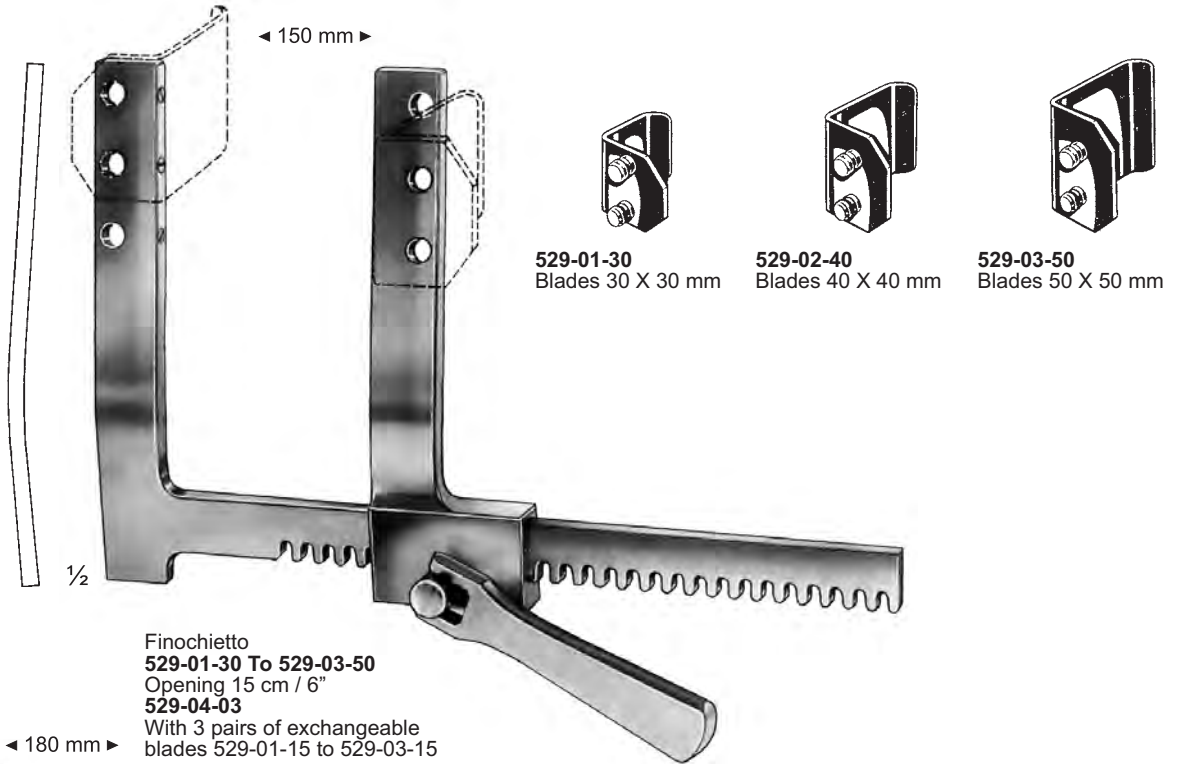


**528-06-20**  
 Blades 50 X 80 mm

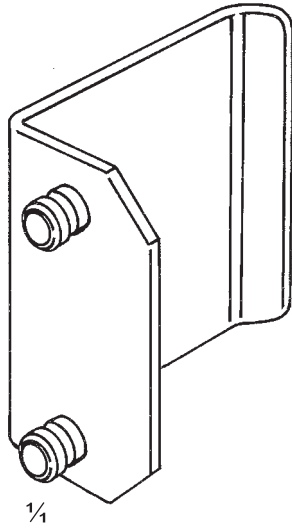
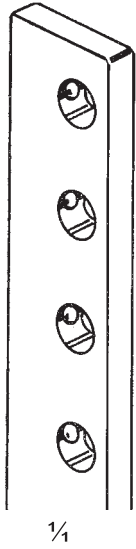


**528-07-20**  
 Blades 40 X 100 mm

De Bakey  
**528-03-20 To 528-07-20**  
 Opening 20 cm / 8"  
**528-08-03**  
 With 3 pairs of interchangeable  
 blades 528-05-20 To 528-07-20



<b>Burford</b>		
For infants		
<b>529-05-13</b>	Opening 13.5 cm / 5 1/4"	Blades 34 X 42 mm 48 X 42 mm
For adults		
<b>529-06-18</b>	18 cm / 7"	47 X 62 mm 65 X 62 mm
<b>529-07-26</b>	26 cm / 10 1/4"	47 X 62 mm 65 X 62 mm
<b>529-08-30</b>	30 cm / 12"	47 X 62 mm 65 X 62 mm



**530-01-25**  
Blades 60 X 60 mm



**530-02-25**  
Blades 50 X 80 mm



**530-03-25**  
Blades 40 X 100 mm

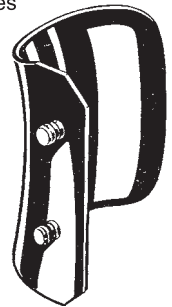
Complementary Exchangeable Blades



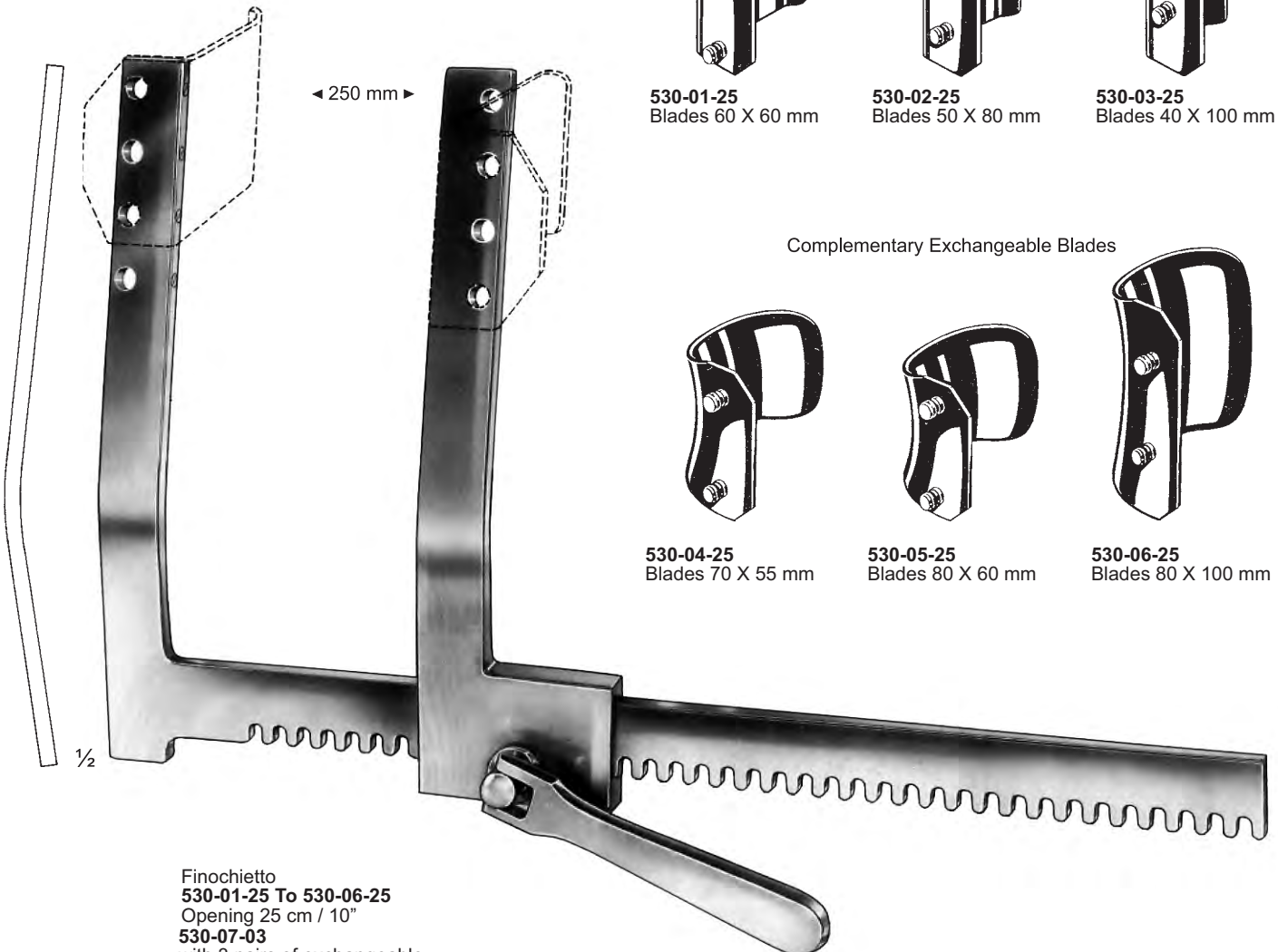
**530-04-25**  
Blades 70 X 55 mm



**530-05-25**  
Blades 80 X 60 mm



**530-06-25**  
Blades 80 X 100 mm

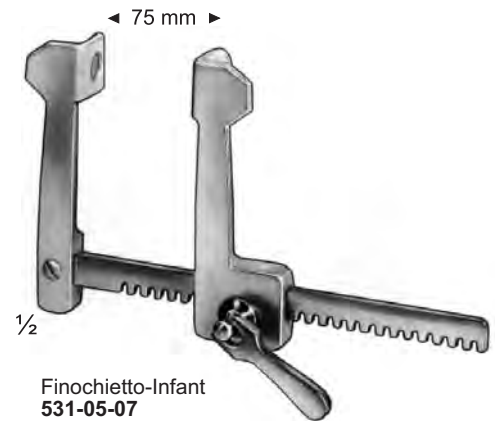


**Finochietto**  
**530-01-25 To 530-06-25**  
 Opening 25 cm / 10"  
**530-07-03**  
 with 3 pairs of exchangeable  
 blades 530-01-25 To 530-03-25



Cooley

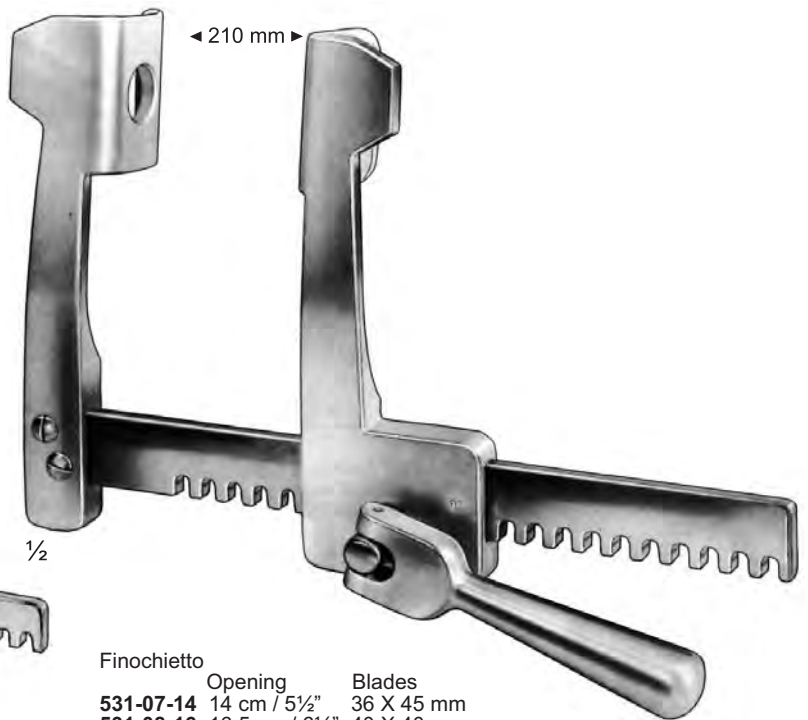
	Opening	Blades
<b>531-01-07</b> For newborns	7.5 cm / 3"	12 X 17 mm
<b>531-02-10</b> Pediatric size	10 cm / 4"	16 X 30 mm
<b>531-03-15</b> Pediatric size	15 cm / 6"	21 X 44 mm
<b>531-04-20</b> For adults	20 cm / 8"	37 X 49 mm



Finochietto-Infant  
**531-05-07**  
Opening 7.5 cm / 3"  
Blades 15 X 15 mm  
For infants

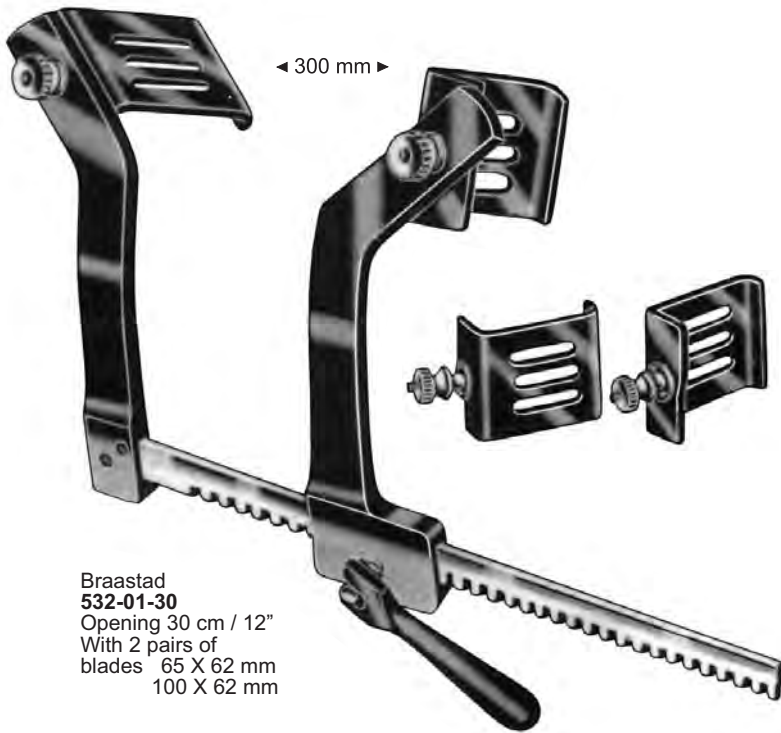


Finochietto-Baby-Haight  
**531-06-10**  
Opening 10 cm / 4"  
Blades 31 X 31 mm  
For children

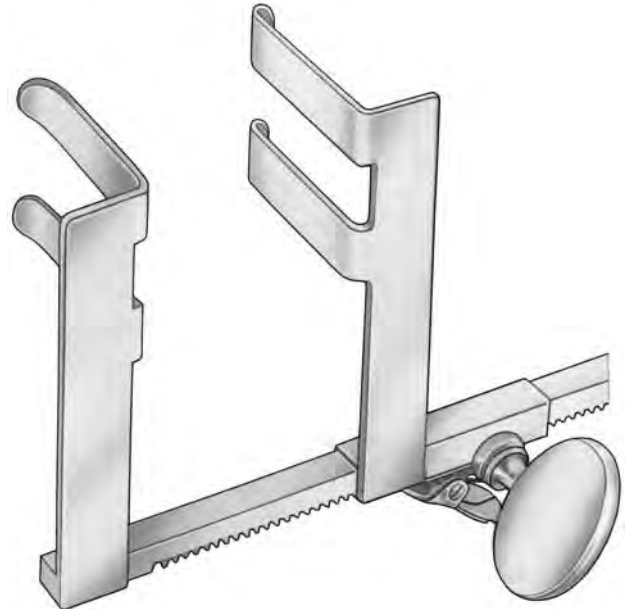


Finochietto

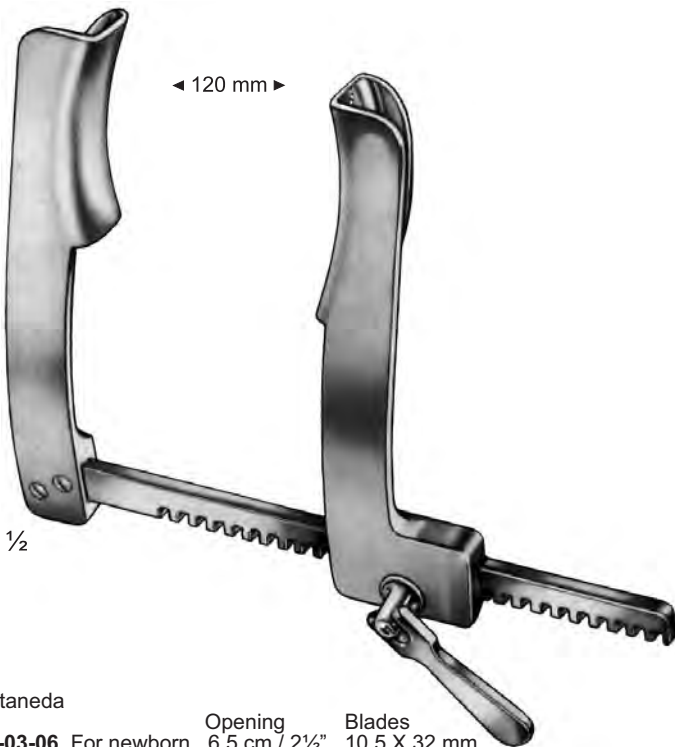
	Opening	Blades
<b>531-07-14</b>	14 cm / 5½"	36 X 45 mm
<b>531-08-16</b>	16.5 cm / 6½"	40 X 40 mm
<b>531-09-21</b>	21 cm / 8¼"	44 X 65 mm
<b>531-10-21</b>	21 cm / 8¼"	65 X 65 mm
<b>531-11-25</b>	25 cm / 10"	70 X 65 mm
<b>531-12-30</b>	30 cm / 12"	70 X 65 mm



**Braastad**  
**532-01-30**  
 Opening 30 cm / 12"  
 With 2 pairs of  
 blades 65 X 62 mm  
 100 X 62 mm



**Mini Thoracotomy**  
**532-02-07**  
 Opening 7 cm / 3 $\frac{3}{4}$ "  
 Blades 38 X 12 mm



**Castaneda**

	Opening	Blades
<b>532-03-06</b> For newborn	6.5 cm / 2 $\frac{1}{2}$ "	10.5 X 32 mm
<b>532-04-07</b> For infants	7 cm / 2 $\frac{3}{4}$ "	12 X 45 mm
<b>532-05-12</b> For children	12 cm / 4 $\frac{3}{4}$ "	15 X 60 mm



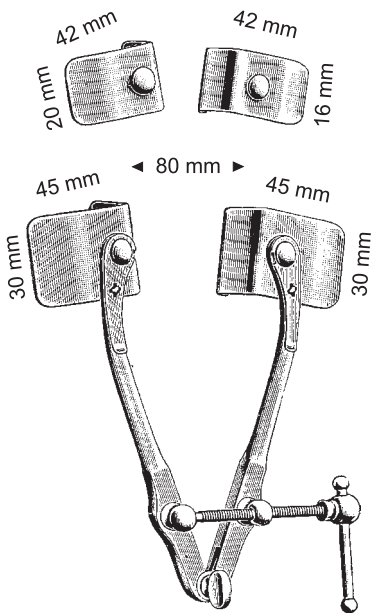
**Finochietto**  
**532-06-12**  
 Opening 12 cm / 4 $\frac{3}{4}$ "  
 Blades 14 X 14 mm



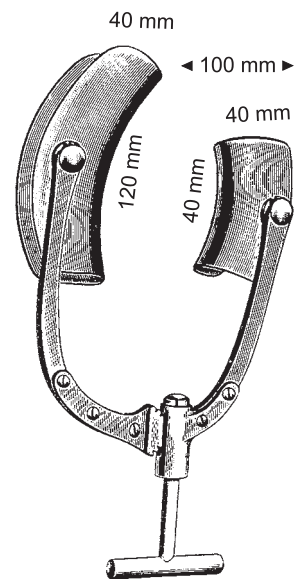
**Ankeney**  
**533-01-18**  
Opening 18 cm / 7"  
Blades 33 X 35 mm



**Quervain**  
**533-02-18**  
Opening 18 cm / 7"  
Blades 35 X 50 mm



**Lillianthal**  
**533-03-08**  
Opening 8 cm / 3 "  
With 2 pairs of blades

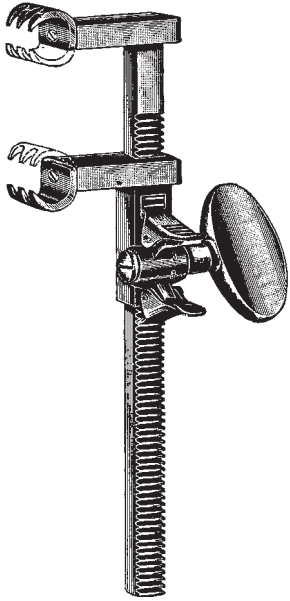


**Sauerbruch**  
**533-04-10**  
Opening 10 cm / 4"

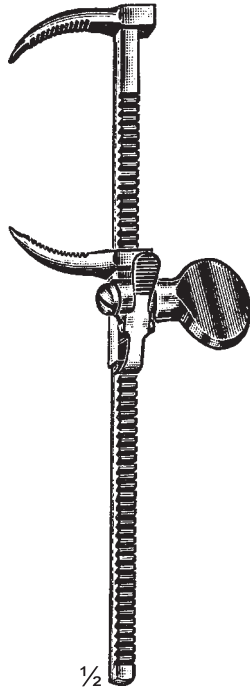




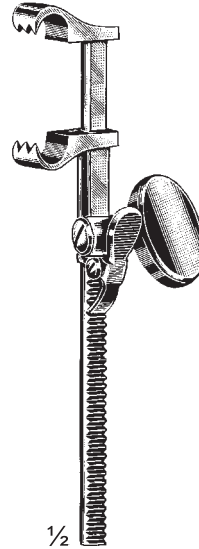
**534-01-24**  
Thoracic retractor (Mercedes-Retractor)  
Complete consisting :  
1 Retractor Opening 24 cm / 9½"  
1 Pair of blades 42 X 65 mm  
1 Pair of blades 75 X 75 mm



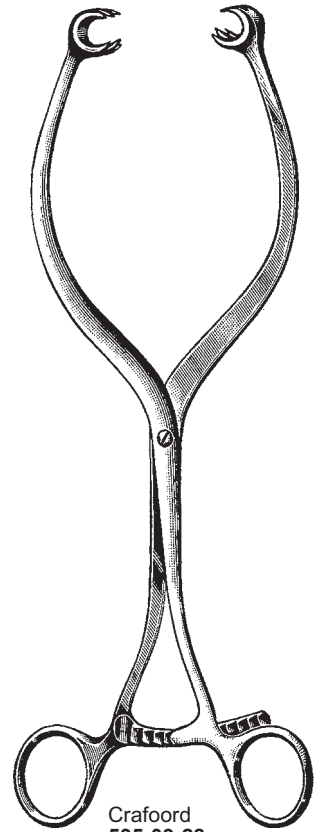
**535-01-17**  
17 cm / 6 $\frac{3}{4}$ "



Lemmon  
**535-02-14** 14.5 cm / 5 $\frac{3}{4}$ "  
**535-03-18** 18 cm / 7"



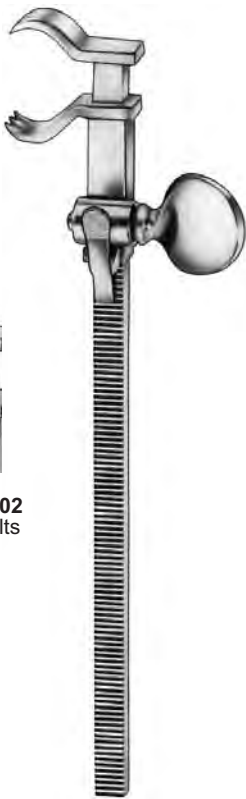
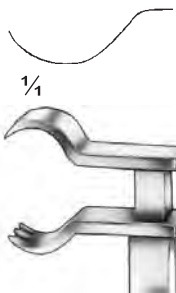
Bailey-Baby  
**535-04-14**  
14 cm / 5 $\frac{1}{2}$ "



Crafoord  
**535-09-28**  
28 cm / 11"



**535-05-01**  
For children

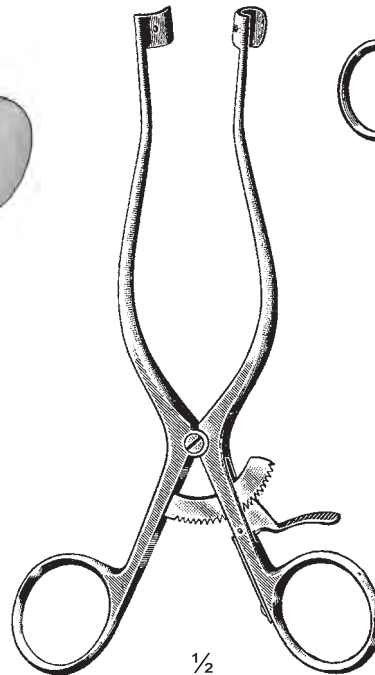


**535-06-02**  
For adults

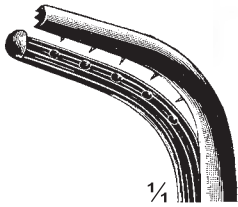
Bailey  
**535-05-01 To 535-06-02**  
20 cm / 8"



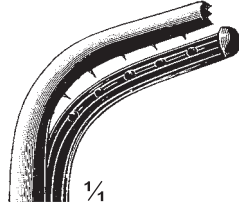
Sellors  
**535-07-20**  
20 cm / 8"



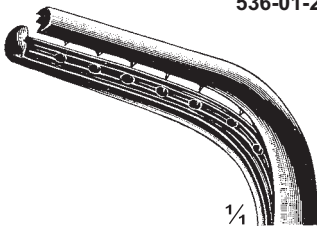
Rehbein (Mod. Bremen)  
**535-08-17**  
17 cm / 6 $\frac{3}{4}$ "



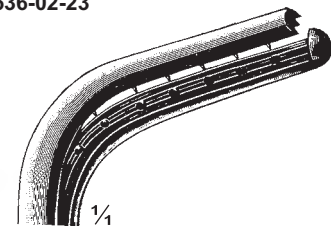
$\frac{1}{4}$   
**536-01-23**



$\frac{1}{4}$   
**536-02-23**



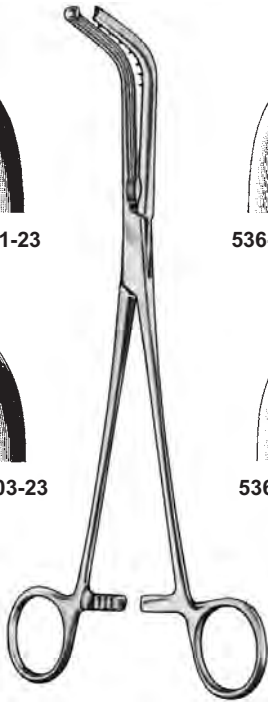
$\frac{1}{4}$   
**536-03-23**



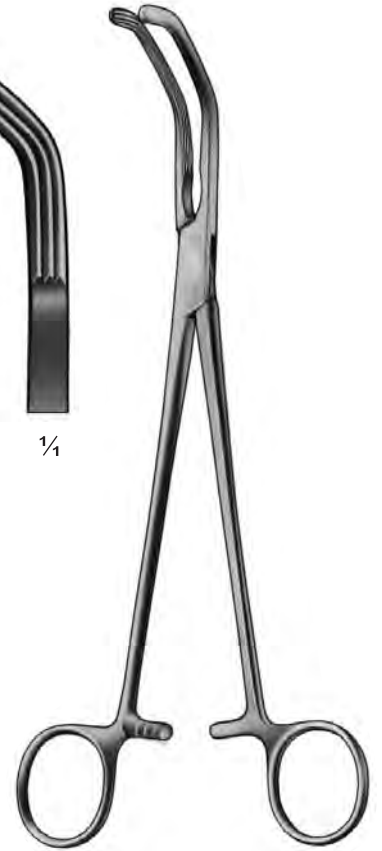
$\frac{1}{4}$   
**536-04-23**



$\frac{1}{4}$



Sarot  
**536-01-23 To 536-04-23**  
 23 cm / 9"



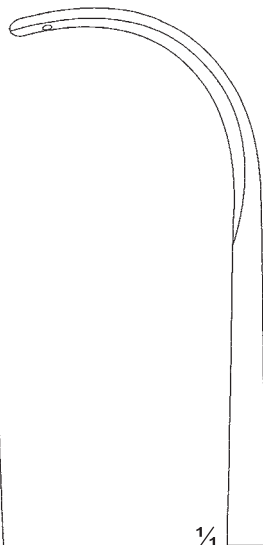
Price Thomas  
**536-05-23**  
 23 cm / 9"



Semb  
**536-06-24 & 536-07-24**  
 24 cm / 9½"



$\frac{1}{4}$   
**536-07-24**



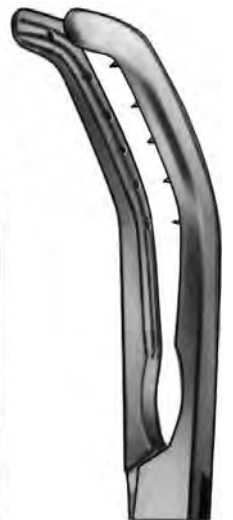
$\frac{1}{4}$   
**536-06-24**



Price Thomas  
**536-08-23 & 536-09-23**  
 23 cm / 9"



$\frac{1}{4}$   
**536-08-23**



**536-09-23**

**Lungenfasszangen  
Lung Grasping Forceps  
Pince-clamps au poumon**



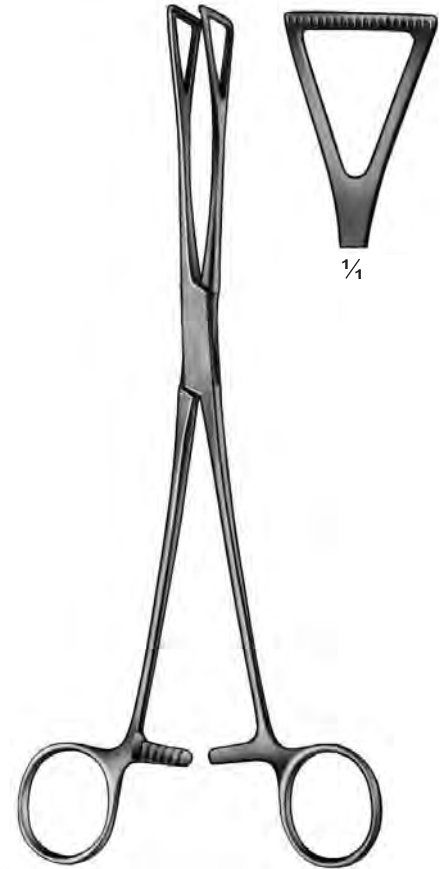
$\frac{1}{2}$   
**537-01-60 & 537-02-80**  
23 cm / 9"



$\frac{1}{4}$   
**537-01-60**  
60 mm

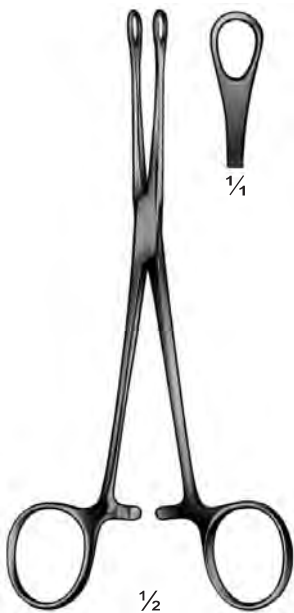


$\frac{1}{4}$   
**537-02-80**  
80 mm



**Duval**  
**537-03-23**  
23 cm / 9"

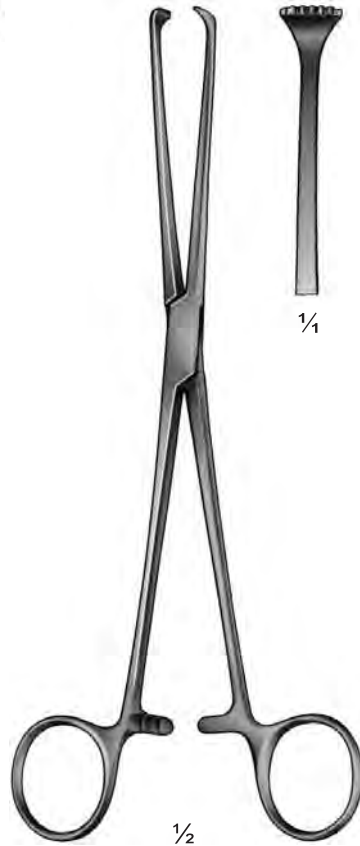
$\frac{1}{4}$



$\frac{1}{2}$   
**Williams**  
**537-04-16**  
16 cm / 6 $\frac{1}{4}$ "



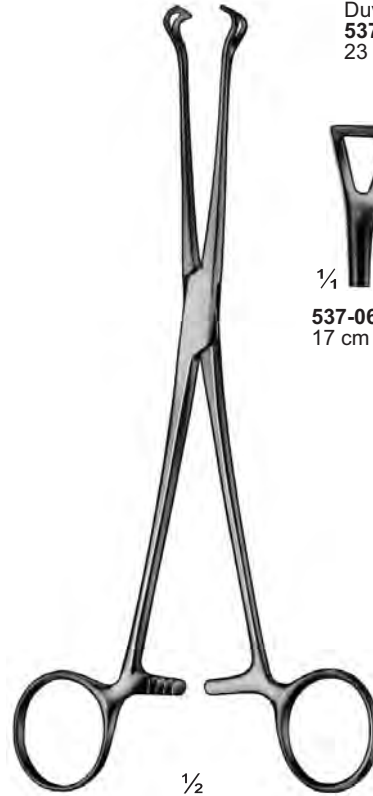
$\frac{1}{4}$



$\frac{1}{2}$   
**Allis**  
**537-05-22**  
22 cm / 8 $\frac{3}{4}$ "



$\frac{1}{4}$



$\frac{1}{2}$   
**Babcock**  
**537-06-17 To 537-08-22**



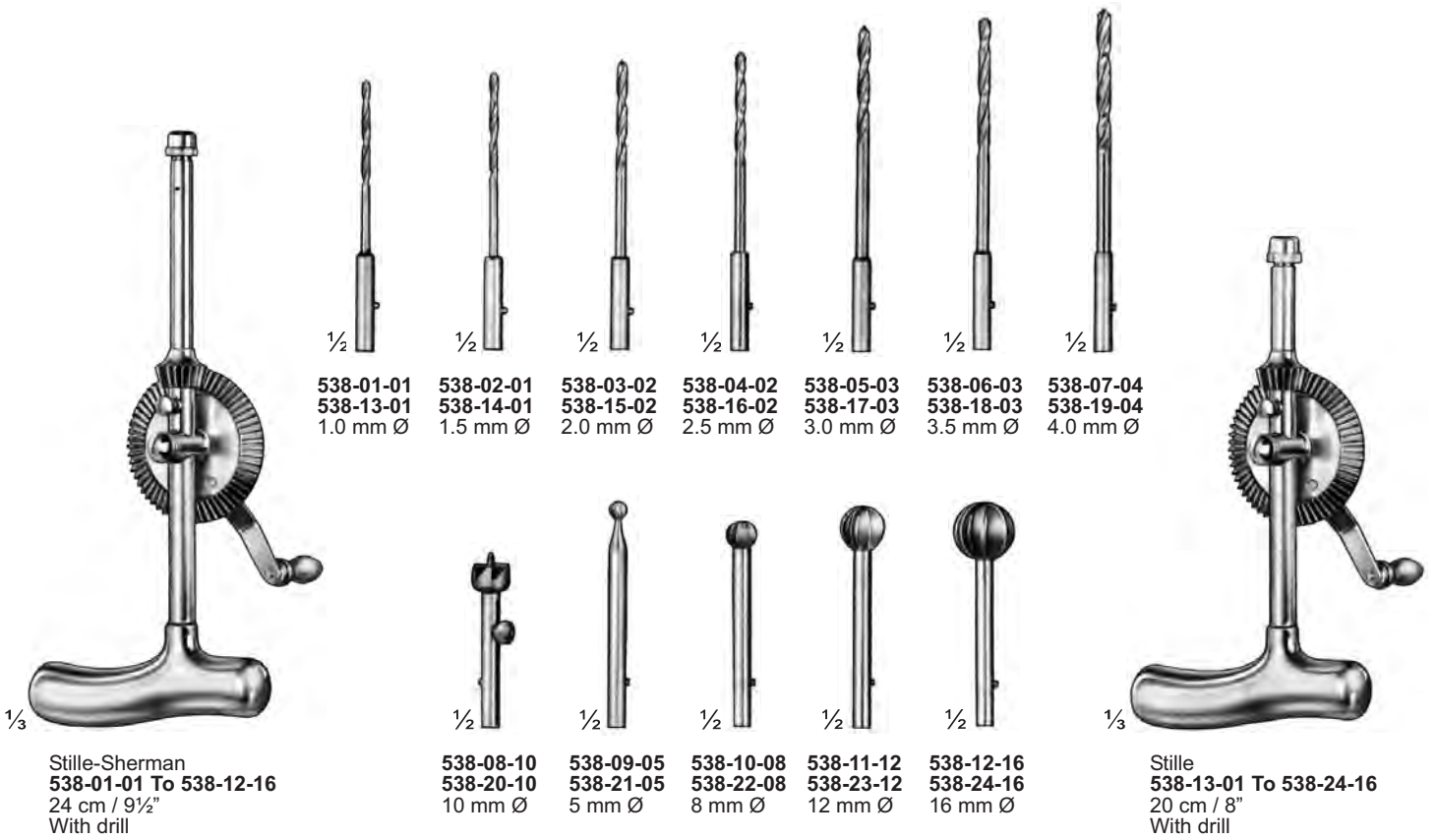
$\frac{1}{4}$   
**537-06-17**  
17 cm / 6 $\frac{3}{4}$ "



$\frac{1}{4}$   
**537-07-21**  
21.5 cm / 8 $\frac{1}{2}$ "



**537-08-22**  
22 cm / 8 $\frac{3}{4}$ "

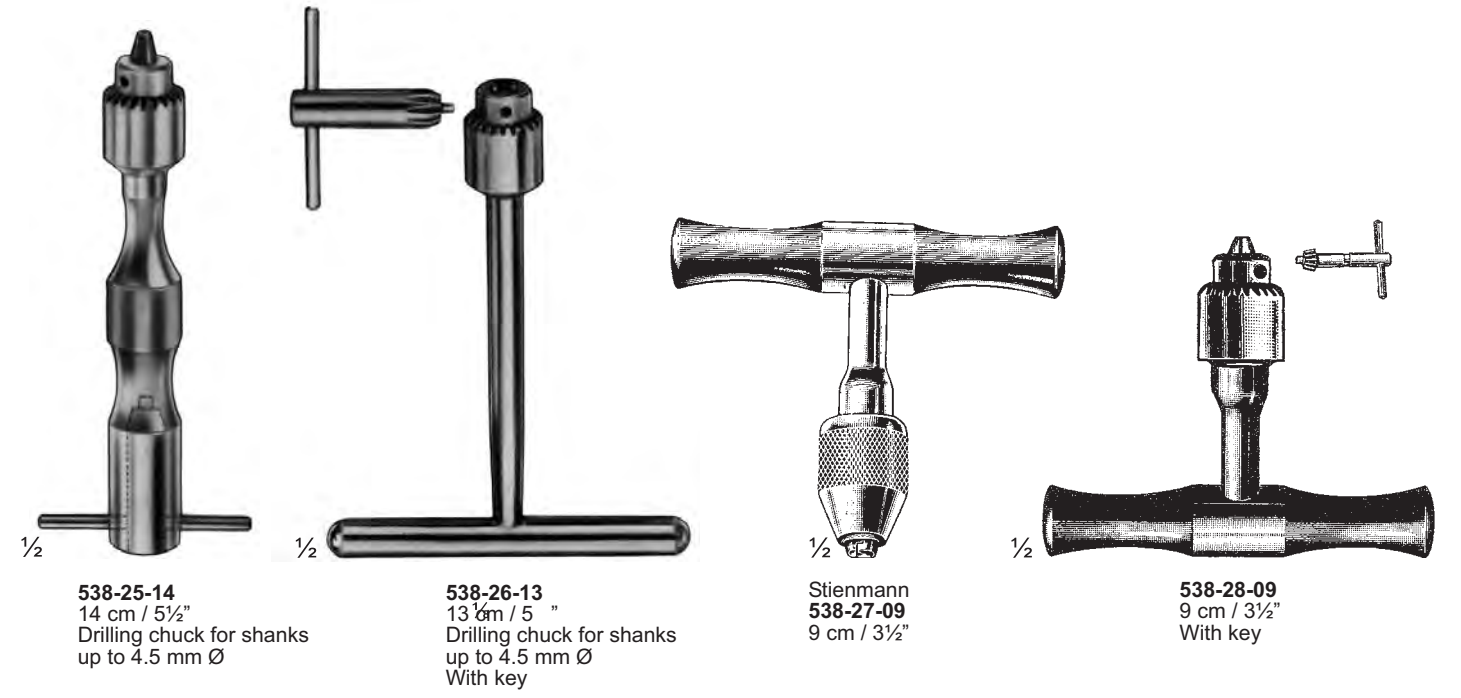


$\frac{1}{3}$   
Stille-Sherman  
538-01-01 To 538-12-16  
24 cm / 9½"  
With drill

$\frac{1}{2}$        $\frac{1}{2}$        $\frac{1}{2}$        $\frac{1}{2}$        $\frac{1}{2}$        $\frac{1}{2}$        $\frac{1}{2}$   
538-01-01   538-02-01   538-03-02   538-04-02   538-05-03   538-06-03   538-07-04  
538-13-01   538-14-01   538-15-02   538-16-02   538-17-03   538-18-03   538-19-04  
1.0 mm Ø    1.5 mm Ø    2.0 mm Ø    2.5 mm Ø    3.0 mm Ø    3.5 mm Ø    4.0 mm Ø

$\frac{1}{2}$        $\frac{1}{2}$        $\frac{1}{2}$        $\frac{1}{2}$        $\frac{1}{2}$        $\frac{1}{2}$   
538-08-10   538-09-05   538-10-08   538-11-12   538-12-16  
538-20-10   538-21-05   538-22-08   538-23-12   538-24-16  
10 mm Ø    5 mm Ø      8 mm Ø      12 mm Ø    16 mm Ø

$\frac{1}{3}$   
Stille  
538-13-01 To 538-24-16  
20 cm / 8"  
With drill



$\frac{1}{2}$   
538-25-14  
14 cm / 5½"  
Drilling chuck for shanks  
up to 4.5 mm Ø

$\frac{1}{2}$   
538-26-13  
13 cm / 5 "  
Drilling chuck for shanks  
up to 4.5 mm Ø  
With key

$\frac{1}{2}$   
Stienmann  
538-27-09  
9 cm / 3½"

$\frac{1}{2}$   
538-28-09  
9 cm / 3½"  
With key



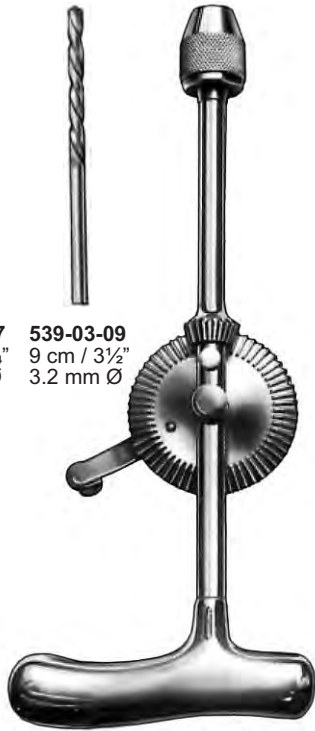
**539-01-07**  
7 cm / 2¾"  
3.2 mm Ø



**539-02-07**  
7 cm / 2¾"  
3.2 mm Ø



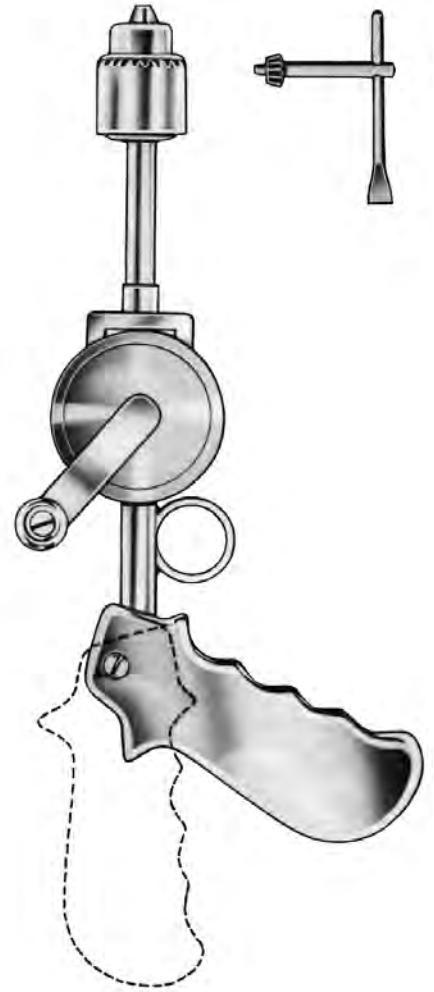
**539-03-09**  
9 cm / 3½"  
3.2 mm Ø



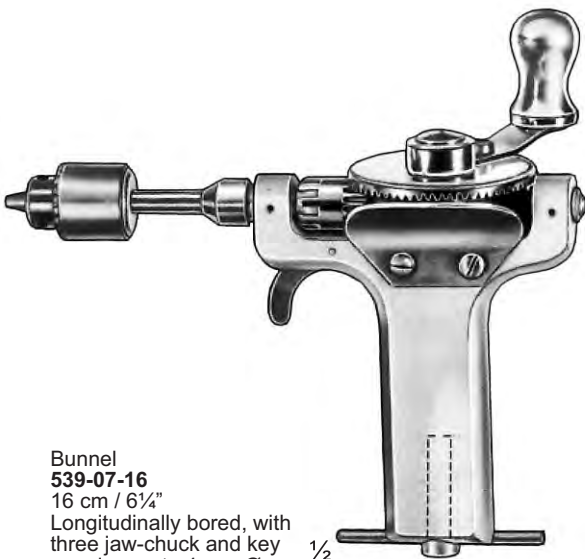
Moore  
**539-01-07 To 539-03-09**  
With 1 drill  
28.5 cm / 11¼"  
**539-04-03**  
With 3 drills



**539-05-28**  
28 cm / 11"



**539-06-00**  
With key



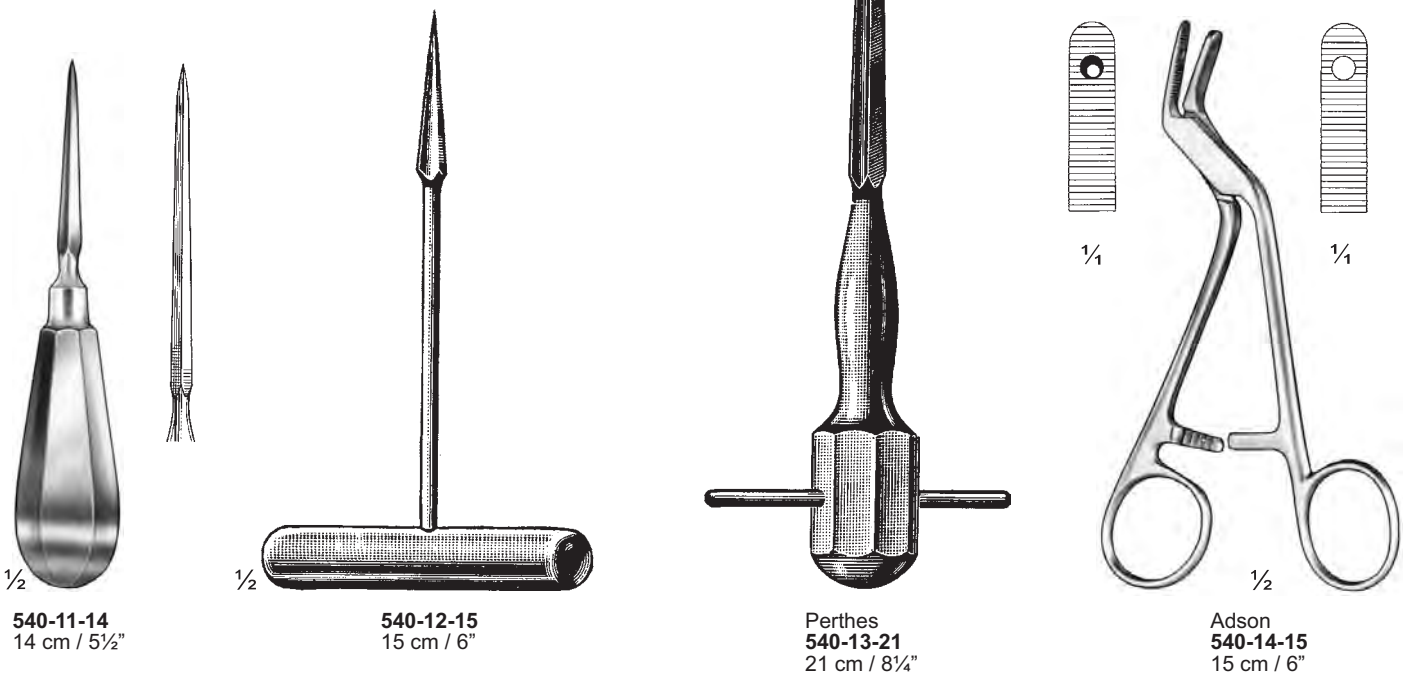
Bunel  
**539-07-16**  
16 cm / 6¼"  
Longitudinally bored, with  
three jaw-chuck and key  
opening up to 4 mm Ø

1/2



Ralk  
**539-08-16**  
16 cm / 6¼"  
With three jaw-chuck and key  
opening up to 6.35 mm Ø

1/2





1/4  
541-01-07  
7 cm / 2 3/4"



1/4  
541-02-07  
7 cm / 2 3/4"



1/4  
541-03-07  
7 cm / 2 3/4"



1/4  
541-04-07  
7 cm / 2 3/4"



1/4  
541-05-07  
7 cm / 2 3/4"



1/4  
541-06-07  
7 cm / 2 3/4"



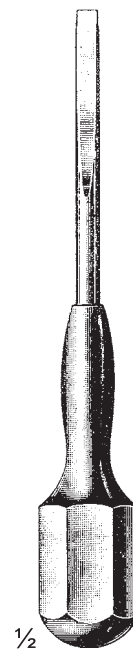
1/2  
541-07-16  
16 cm / 6 1/4"  
Handle only with  
rapid chuck



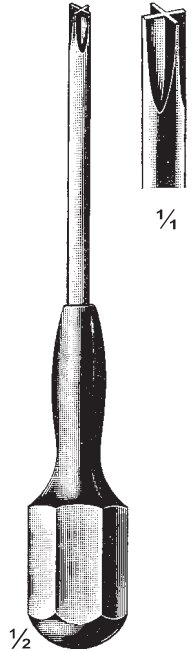
1/4  
541-08-05  
5.5 cm / 2 1/4"  
Chuck only



541-09-00  
Stainless case only  
541-10-00  
Complete set consisting  
541-01-07 To 541-08-05 packed  
in stainless case

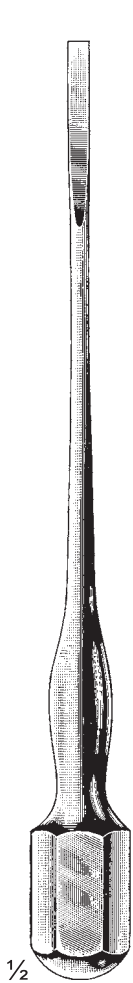


1/2  
541-11-17  
17 cm / 6 3/4"

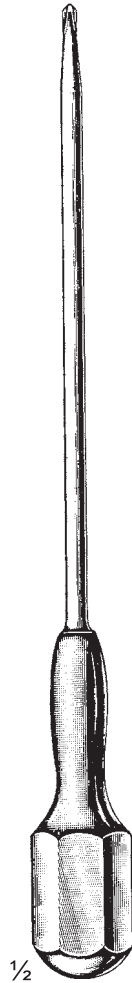


1/2  
541-12-17  
17 cm / 6 3/4"

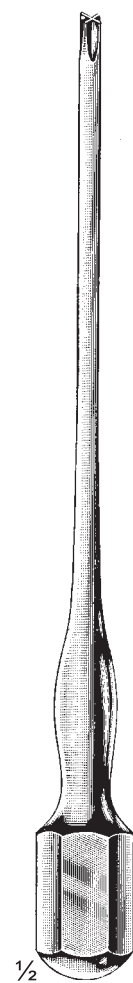




$\frac{1}{2}$   
Lane-25  
542-01-25  
25 cm / 10"



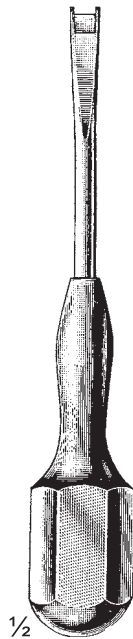
$\frac{1}{2}$   
Phillips  
542-02-26  
26 cm / 10 $\frac{1}{4}$ "



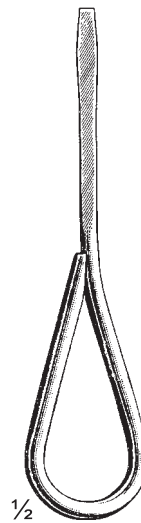
$\frac{1}{2}$   
542-03-25  
25 cm / 10"



$\frac{1}{2}$   
Phillips  
542-04-17  
17 cm / 6 $\frac{3}{4}$ "



$\frac{1}{2}$   
542-05-16  
16.5 cm / 6 $\frac{1}{2}$ "

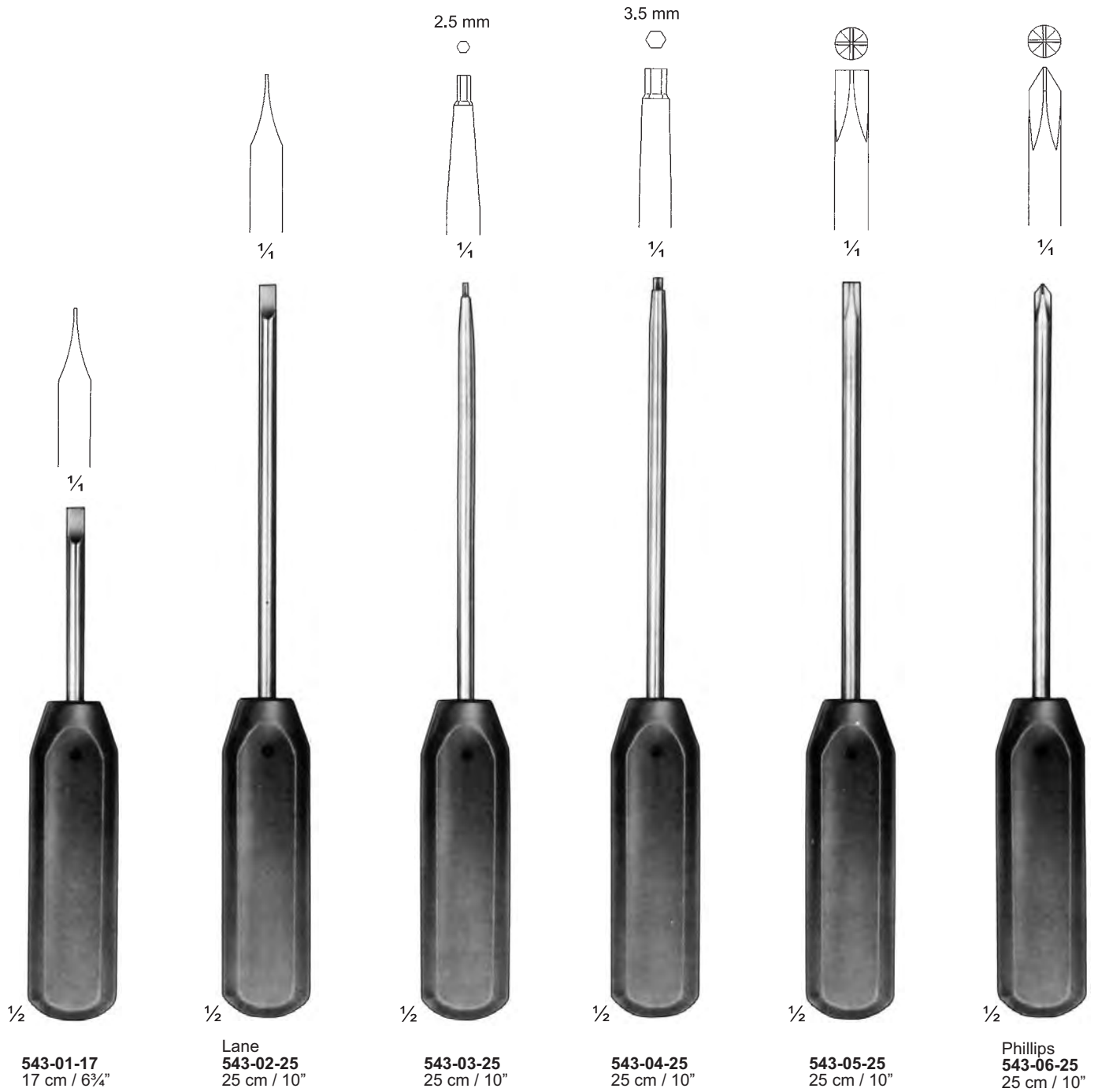


$\frac{1}{2}$   
542-06-13  
13 cm / 5 $\frac{1}{8}$ "

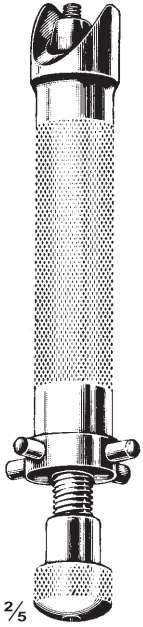


$\frac{1}{2}$   
542-07-14  
14 cm / 5 $\frac{1}{2}$ "

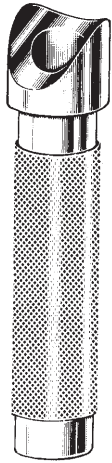




Beinen Sie Instruments Aus  
Bone Instruments  
Desosser Des Instruments



3/5



3/5



Lloyd  
544-01-20  
20 cm / 8"  
impactor and extractor



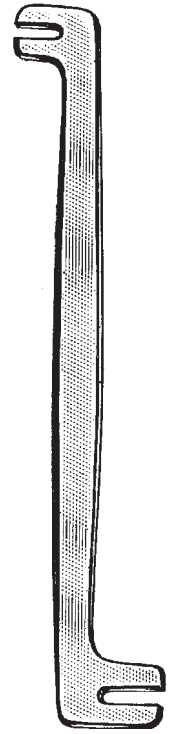
1/2

Jewett  
544-02-20  
20 cm / 8"



1/2

Jewett  
544-03-20  
20 cm / 8"

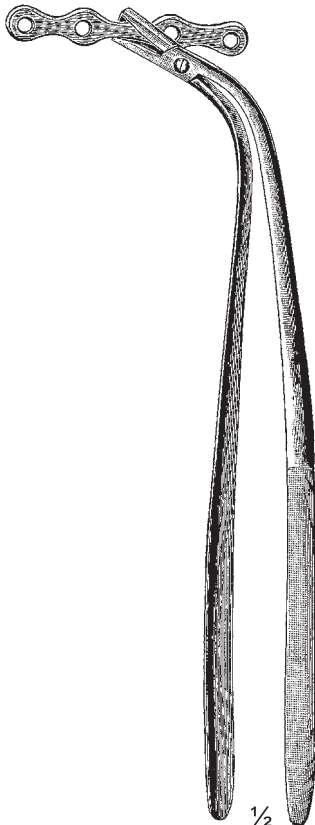


Lane  
544-04-18  
18 cm / 7"



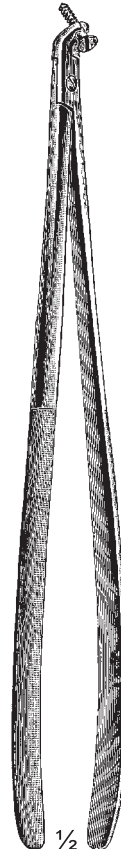
1/2

544-05-24  
24 cm / 9 1/2"



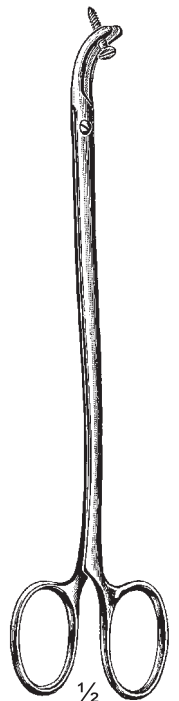
1/2

Lane  
544-06-22  
22 cm / 8 3/4"



1/2

Lane  
544-07-23  
23 cm / 9"



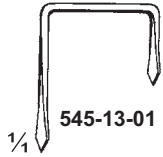
1/2

Lane  
544-08-18  
18 cm / 7"

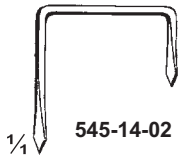


- 545-01-15 15 mm
- 545-02-20 20 mm
- 545-03-25 25 mm
- 545-04-30 30 mm
- 545-05-35 35 mm
- 545-06-40 40 mm
- 545-07-45 45 mm
- 545-08-50 50 mm
- 545-09-55 55 mm
- 545-10-60 60 mm
- 545-11-65 65 mm
- 545-12-70 70 mm

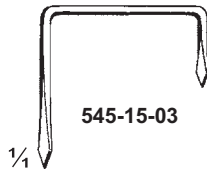
Palmer  
545-01-15 To 545-12-70  
1.5 mm Ø



545-13-01



545-14-02

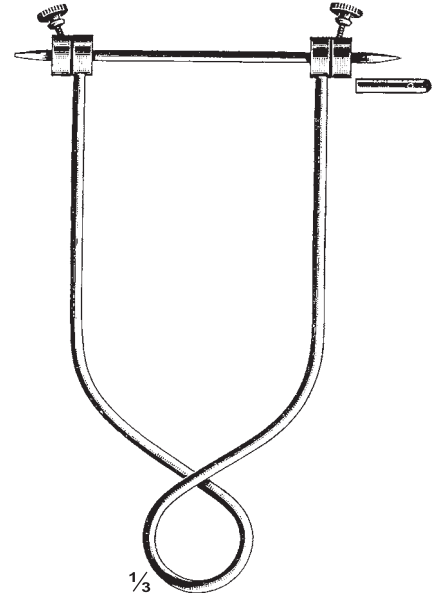


545-15-03

Wilberg  
545-13-01 To 545-15-03  
Clips



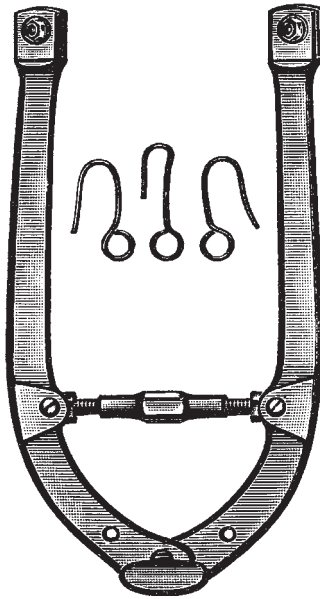
Kirschner  
545-16-03  
6 X 6 cm / 2 1/2 X 2 1/2"  
With 3 traction hooks



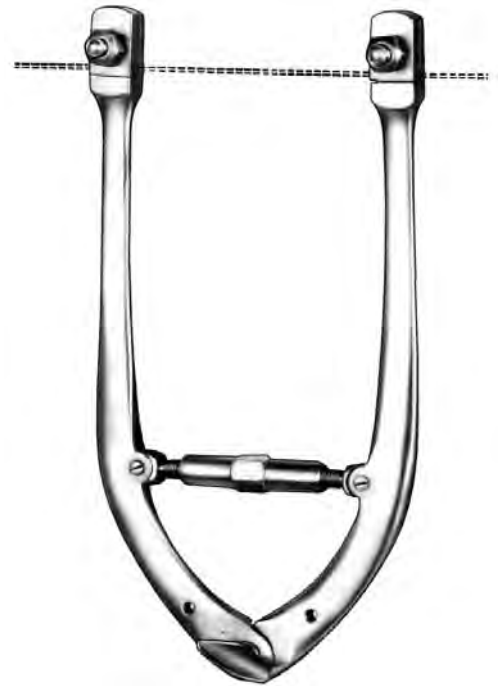
Bohler  
545-17-16 16 X 9 cm / 6 1/4 X 3 1/2"  
For arm, With 1 pin  
545-18-21 21 X 11 cm / 8 1/4 X 4 1/2"  
For thigh and knee, With 1 pin  
545-19-21 21 X 15 cm / 8 1/4 X 6"  
For femur and knee, With 1 pin



Schwarz  
545-20-01  
For finger wires  
up to 1.6mm Ø



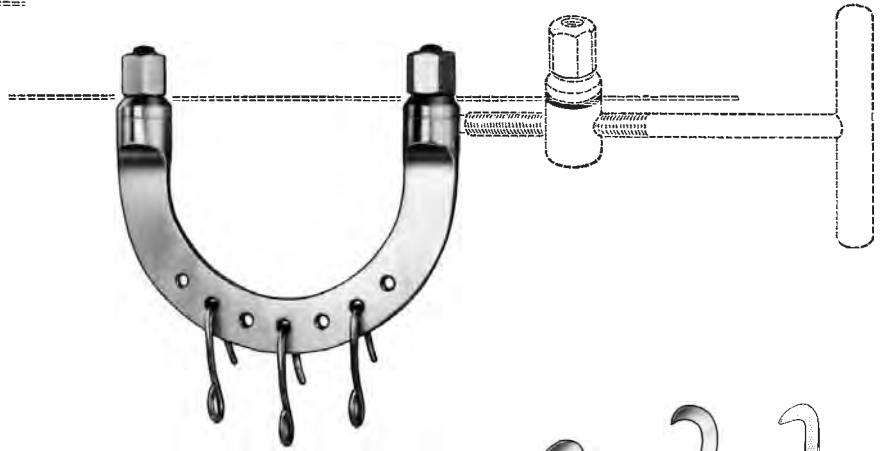
Kirschner  
545-21-03 4-14 X 11.5 cm / 1 1/2-5 1/2 X 4 1/2"  
545-22-03 6.5-15 X 11 cm / 2 1/2-6 X 4 1/4"  
545-23-03 6-22 X 18 cm / 2 1/4-8 3/4 X 7"  
With 3 traction hooks



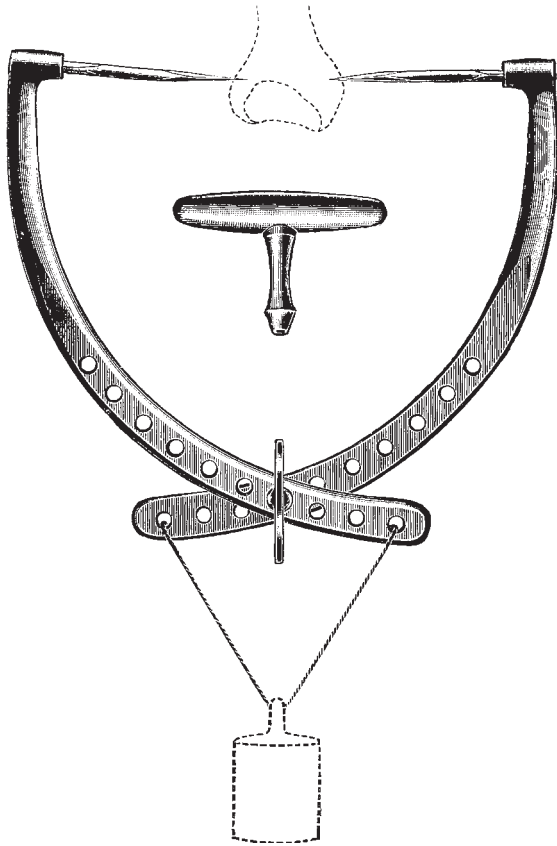
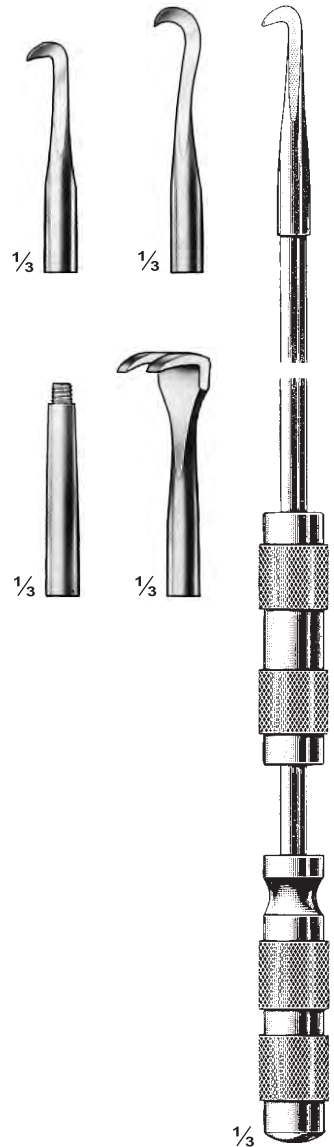
545-24-18  
18 X 10 cm / 7 X 4"  
545-25-27  
27 X 27 cm / 10 1/2 X 10 1/2"



Kirschner  
**546-01-03**  
 0-40 mm X 18.5 cm / 7 1/4"  
**546-02-03**  
 35-200 mm X 27 cm / 10 1/2"  
 With 3 traction pins



Kirschner  
**546-03-03** 9.5 X 7 cm / 3 3/4 X 2 3/4"  
**546-04-03** 10.5 X 10.5 cm / 4 1/4 X 4 1/4"  
**546-05-03** 12 X 12 cm / 4 3/4 X 4 3/4"  
**546-06-03** 15 X 15 cm / 6 X 6"  
**546-07-03** 20 X 15 cm / 8 X 6"  
 With 3 traction pins



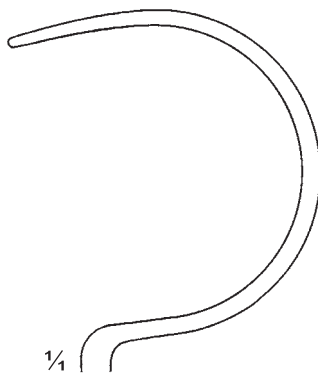
Steinmann  
**546-08-00**  
 Complete consisting :  
 1 Key, 2 Pins 8mm, 2 Pins 10 mm,  
 2 Pins 12 mm, 2 Pins 14mm,  
 2 Pins 16 mm, 2 Pins 20 mm

Kuntscher  
**546-09-45**  
 45 cm / 17 3/4"  
 With 4 tips



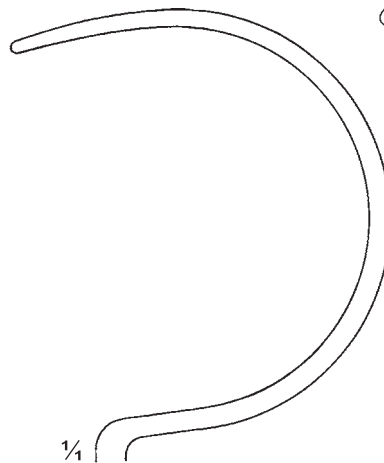
$\frac{1}{3}$

Demel  
547-01-27 To 547-03-30



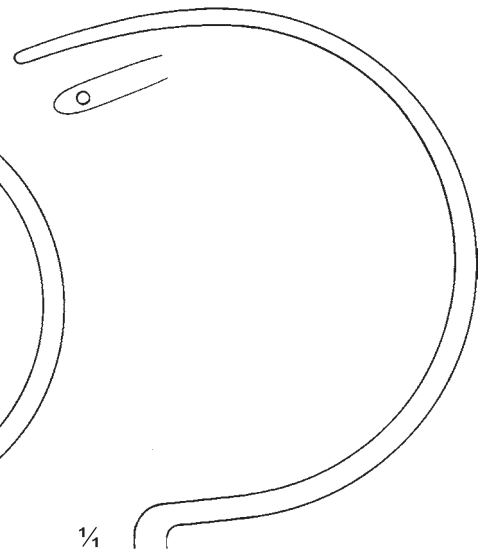
$\frac{1}{4}$

**547-01-27**  
27.5 cm / 10 $\frac{3}{4}$ "



$\frac{1}{4}$

**547-02-28**  
28.5 cm / 11 $\frac{1}{4}$ "

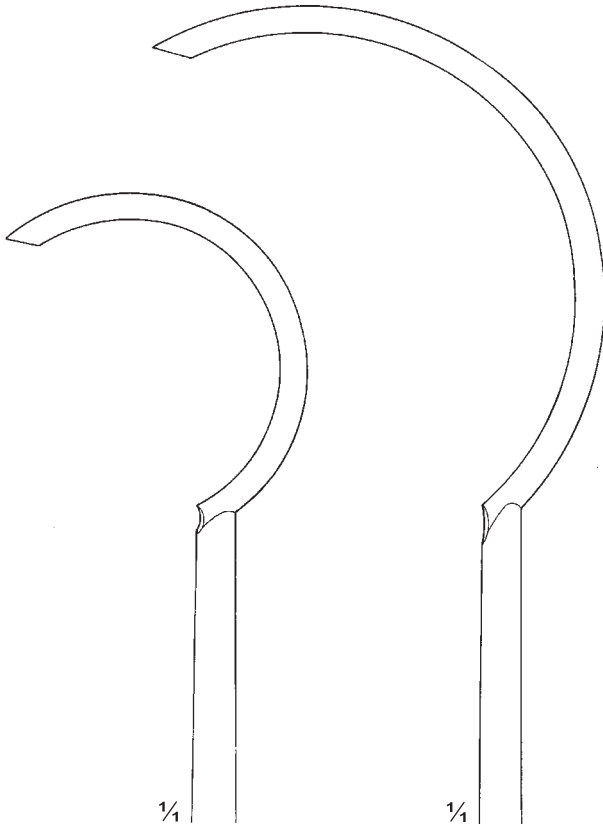


$\frac{1}{4}$

**547-03-30**  
30 cm / 12"

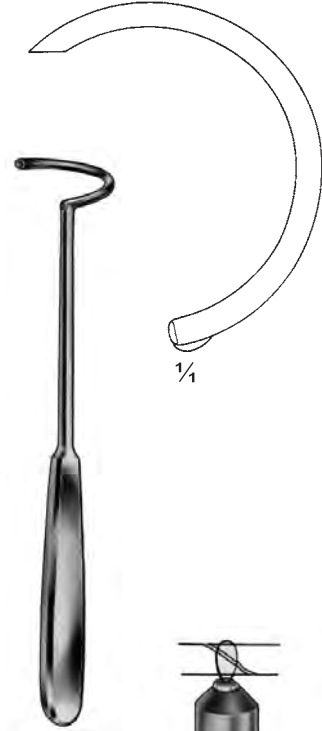


**548-01-24 & 548-02-27**

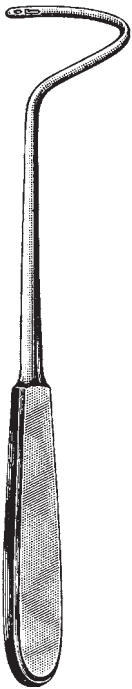


**548-01-24**  
 24 cm / 9½"

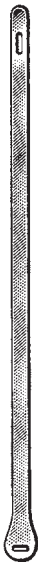
**548-02-27**  
 27 cm / 10½"



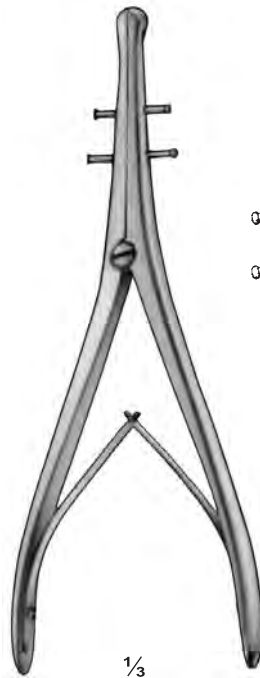
**548-03-23**  
 23 cm / 9"



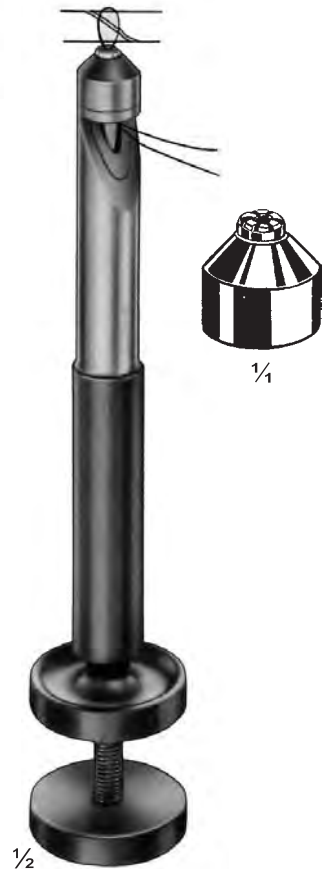
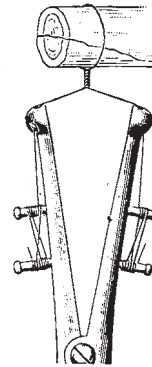
**Parham**  
**548-04-23**  
 23 cm / 9"



**Parham**  
**548-05-18** 18 cm / 7" X 5 mm  
**548-06-20** 20 cm / 8" X 5 mm  
**548-07-25** 25 cm / 10" X 3 mm  
**548-08-25** 25 cm / 10" X 5 mm  
**548-09-30** 30 cm / 12" X 5 mm

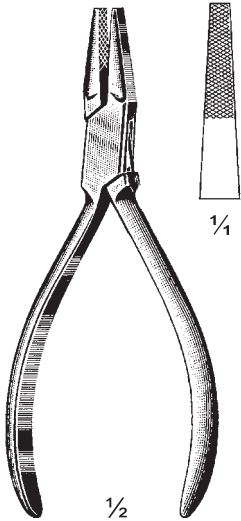


**Demel**  
**548-10-27**  
 27 cm / 10½"

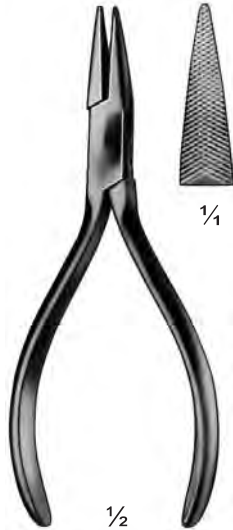


**Loute**  
**548-11-22**  
 22 cm / 8¾"

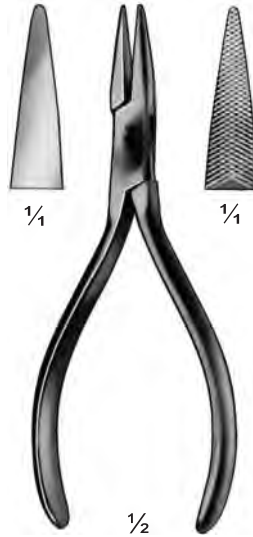
**Flachzangen  
Flat Nose Pliers  
Pincès Plates**



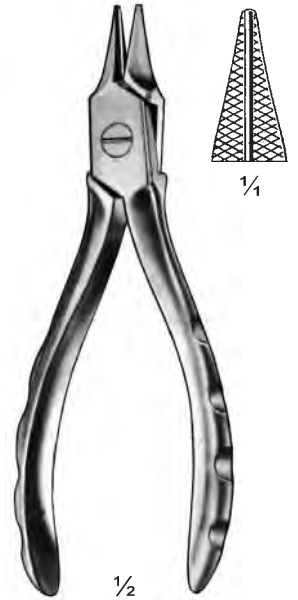
$\frac{1}{2}$   
**549-01-14**  
14 cm / 5½"



$\frac{1}{2}$   
**549-02-14**  
14 cm / 5½"



$\frac{1}{2}$   
**549-03-14**  
14 cm / 5½"



$\frac{1}{2}$   
**549-04-16**  
16 cm / 6¼"



$\frac{1}{2}$   
**549-05-16**  
16 cm / 6¼"



$\frac{1}{2}$   
**549-06-16**  
16.5 cm / 6½"



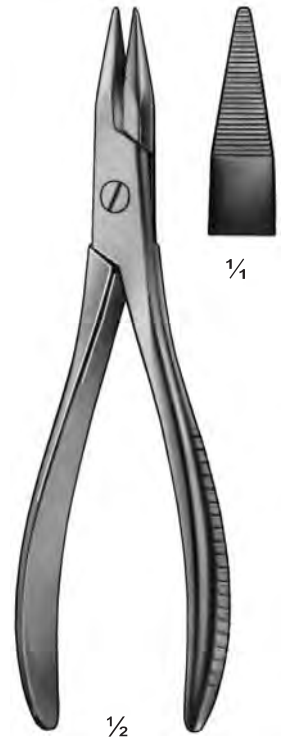
$\frac{1}{4}$   
**549-07-17**



$\frac{1}{2}$   
**549-07-17 & 549-08-17**  
17 cm / 6¾"



$\frac{1}{4}$   
**549-08-17**



$\frac{1}{2}$   
**549-09-19**  
19 cm / 7½"





1/4



1/2

**550-01-17**  
17 cm / 6 3/4"



1/4



1/2

**550-02-18 & 550-03-18**  
18 cm / 7"



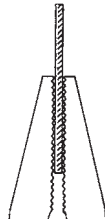
1/4

**550-02-18**



1/4

**550-03-18**

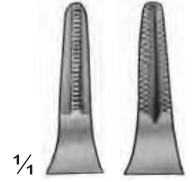


Parallel  
action



1/2

**550-04-13 & 550-05-18**



1/4

**550-04-13**  
13 cm / 5 1/8"



1/4

**550-05-18**  
18 cm / 7"



1/2

**550-06-14 To 550-09-18**



1/4

**550-06-14**  
14.5 cm / 5 3/4"



1/4

**550-07-18**  
18 cm / 7"



1/4

**550-08-18**  
18 cm / 7"

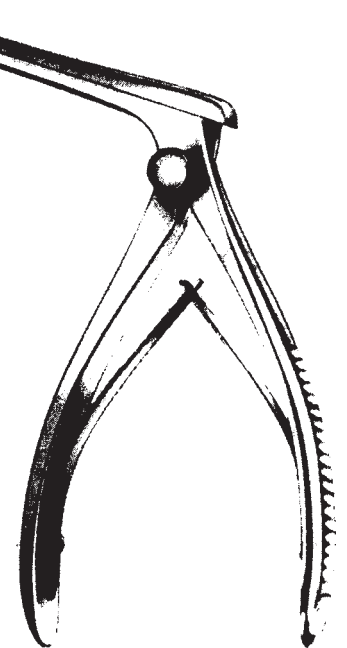


1/4

**550-09-18**  
18 cm / 7"



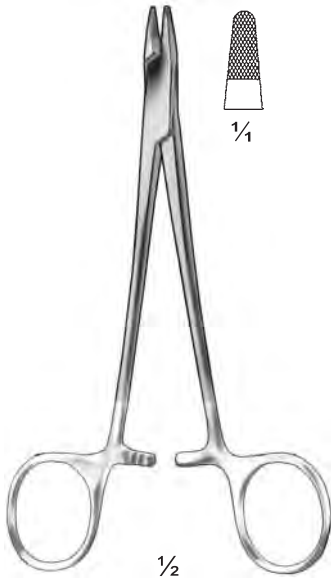
1/4



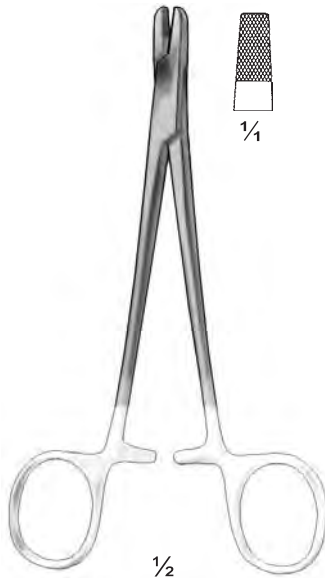
1/2

**550-10-17**  
17 cm / 6 3/4"

**Flachzangen  
Flat Nose Pliers  
Pincers Plates**



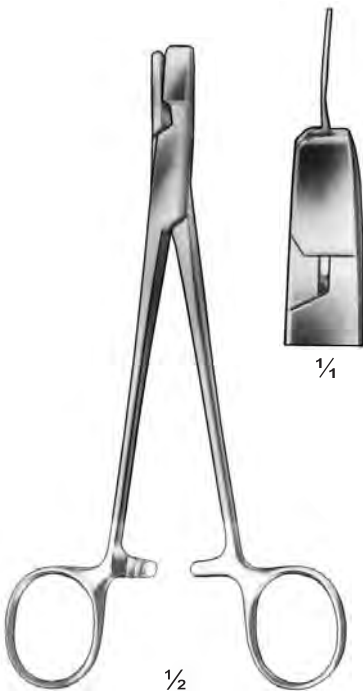
$\frac{1}{2}$   
**551-01-15**  
15 cm / 6"



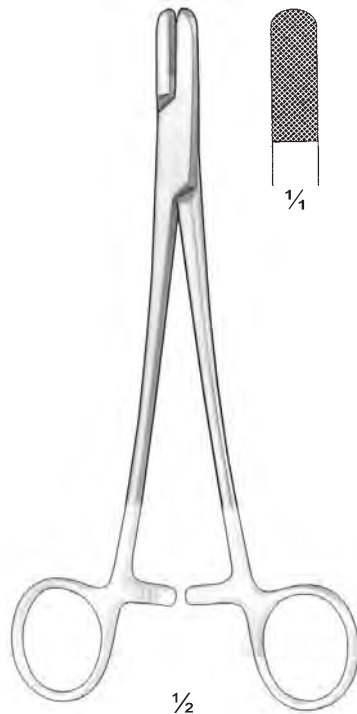
$\frac{1}{2}$   
**551-02-15**  
15 cm / 6"



$\frac{1}{2}$   
**551-03-20**  
20 cm / 8"



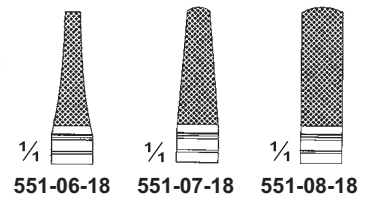
$\frac{1}{2}$   
**551-04-17**  
17 cm / 6 $\frac{3}{4}$ "



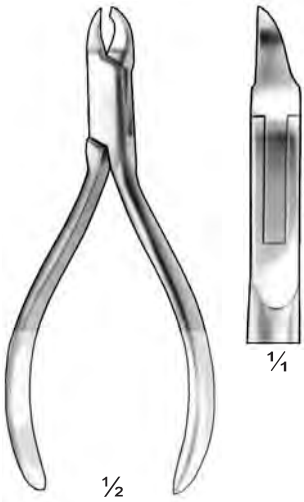
$\frac{1}{2}$   
**551-05-18**  
18.5 cm / 7 $\frac{1}{4}$ "



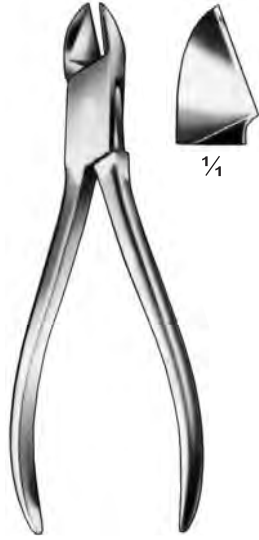
$\frac{1}{2}$   
**551-06-18 To 551-08-18**  
18 cm / 7"



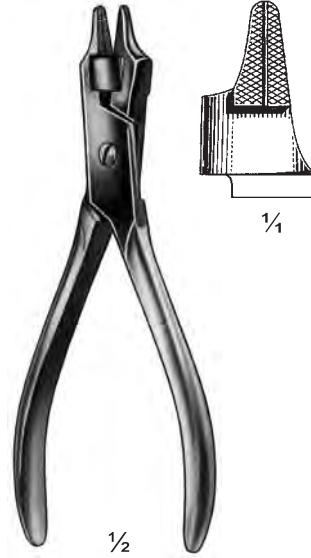
**Drahtkneifzangen**  
**Wire Cutting Pliers**  
**Pinces à couper le fil**



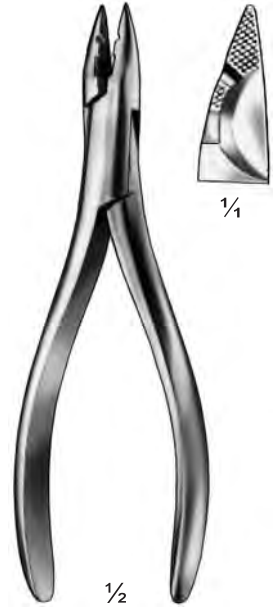
Angle  
**552-01-13**  
 13 cm / 5 1/4"



**552-02-14**  
 14 cm / 5 1/2"



**552-03-15**  
 15 cm / 6"



**552-04-16**  
 16 cm / 6 1/4"



**552-05-16**  
 16 cm / 6 1/4"



**552-06-16**  
 16 cm / 6 1/4"



**552-07-14**  
 14.5 cm / 5 3/4"



**552-08-14**  
 14.5 cm / 5 3/4"



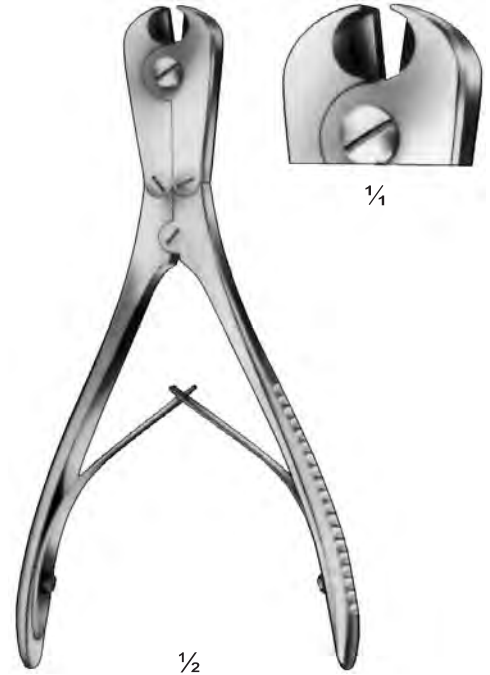
1/2

**553-01-14**  
14 cm / 5 1/2"



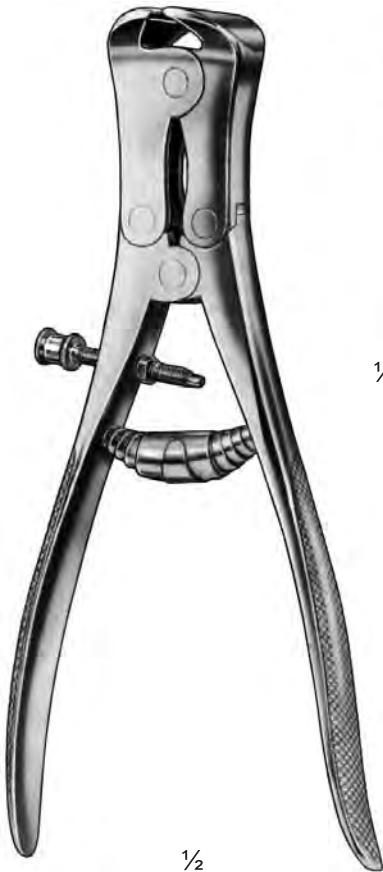
1/4

Reill  
**553-02-18**  
18 cm / 7"



1/4

**553-03-18**  
18 cm / 7"



1/2

**553-04-23**  
23 cm / 9"  
**553-04-23 & 553-05-25**



1/2

**553-05-25**  
25cm / 10"

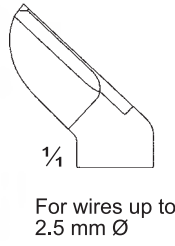
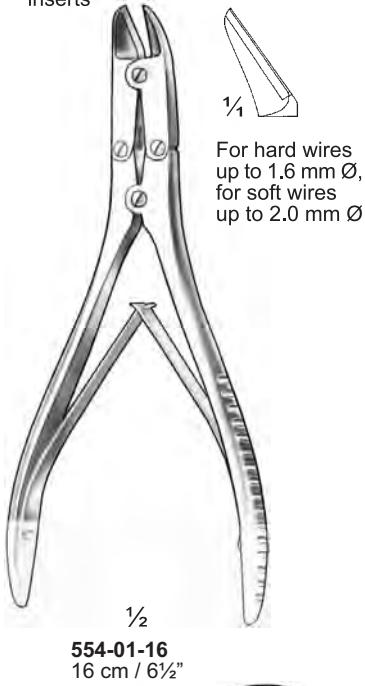


1/2

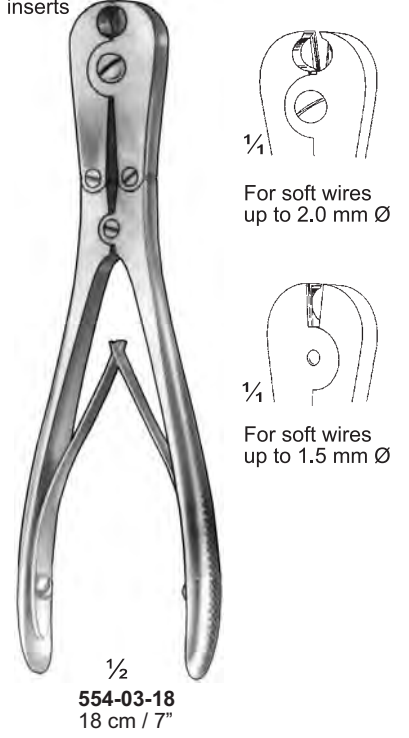
1/2  
**553-06-22**  
22 cm / 8 3/4"

**Drahtkneifzangen**  
**Wire Cutting Pliers**  
**Pinces à couper le fil**

With tungsten carbide inserts



With tungsten carbide inserts



For cutting off Kirschner wires, tibia head screw, bolts, pins, up to 3mm Ø





**555-02-47**  
47 cm / 18½"  
For cutting off Kirschner wires  
up to 6 mm Ø



½  
**555-01-24**  
24 cm / 9½"



⅔  
**555-03-30** 30 cm / 12"  
**555-04-40** 40 cm / 16"  
With Tungsten carbide inserts



**556-01-13**  
13 cm / 5 1/8"  
19 mm Ø



**556-02-15**  
15 cm / 6"  
18 mm Ø



**556-03-15**  
15 cm / 6"  
30 mm Ø



**556-04-15**  
15 cm / 6"  
30 mm Ø



**556-05-15**  
15 cm / 6"  
18 mm Ø



**557-01-11**  
11 cm / 4¼"  
24 mm Ø



**557-02-14**  
14 cm / 5½"  
28 mm Ø

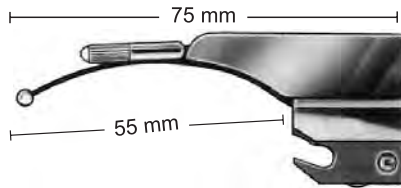


**557-03-16**  
16 cm / 6¼"  
37 mm Ø

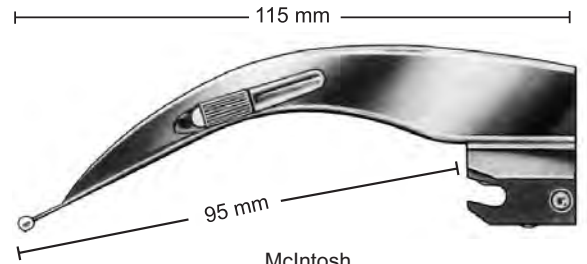


**557-04-14**  
14 cm / 5½"  
30 mm Ø

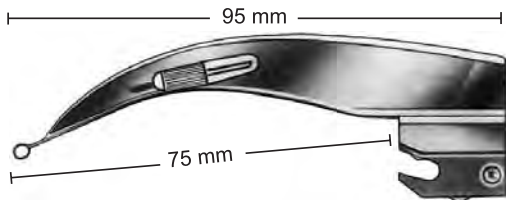




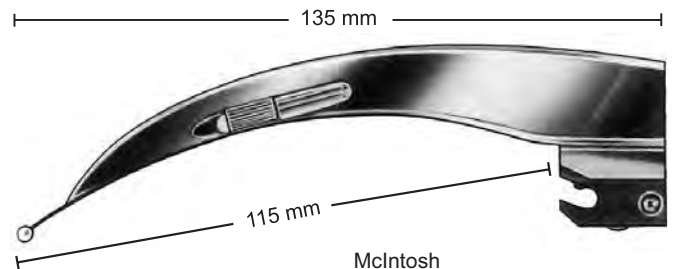
McIntosh  
**558-01-00**  
No. 0, 75 mm



McIntosh  
**558-03-02**  
No. 2, 115 mm



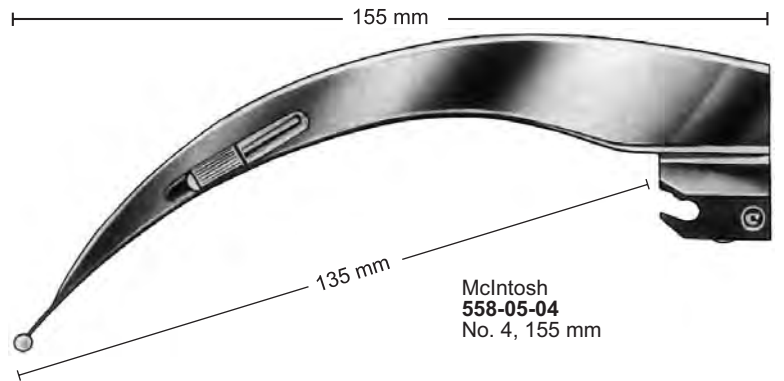
McIntosh  
**558-02-01**  
No. 1, 95 mm



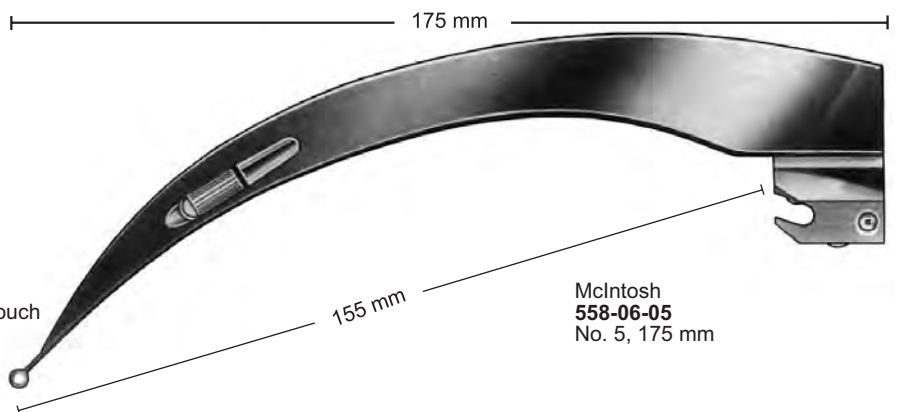
McIntosh  
**558-04-03**  
No. 3, 135 mm



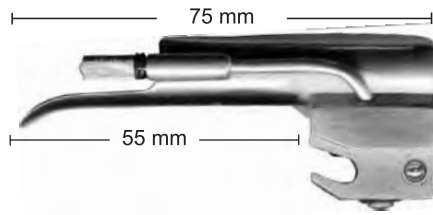
McIntosh  
**558-07-03** With handle and 3 blades No. 1, 2, 3  
**558-08-04** With handle and 4 blades No. 1, 2, 3, 4  
**558-09-05** With handle and 5 blades No. 0, 1, 2, 3, 4  
**558-10-06** With handle and 6 blades No. 0, 1, 2, 3, 4, 5  
Available in Plastic, wooden case, leather and canvas pouch



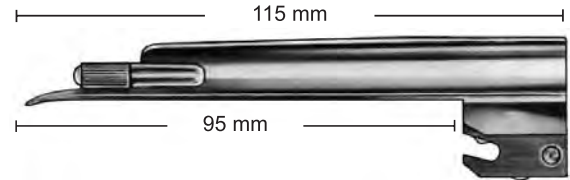
McIntosh  
**558-05-04**  
No. 4, 155 mm



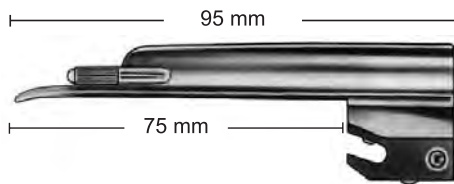
McIntosh  
**558-06-05**  
No. 5, 175 mm



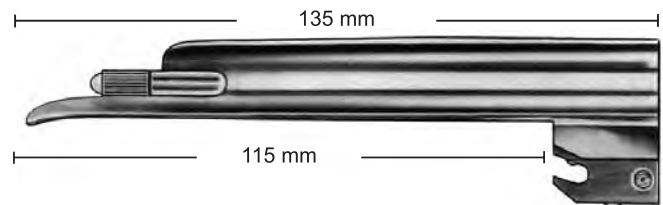
Negus  
**559-01-00**  
No. 0, 75 mm



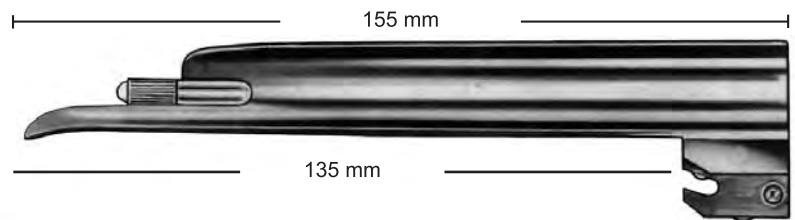
Negus  
**559-03-02**  
No. 2, 115 mm



Negus  
**559-02-01**  
No. 1, 95 mm



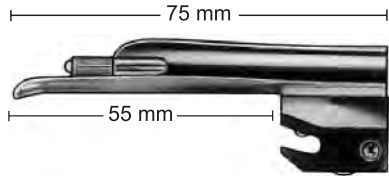
Negus  
**559-04-03**  
No. 3, 135 mm



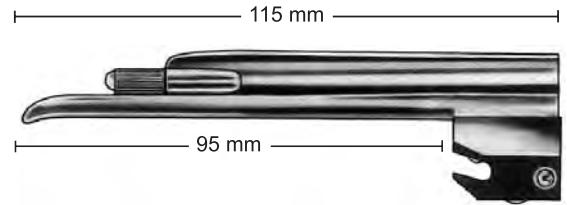
Negus  
**559-05-04**  
No. 4, 155 mm



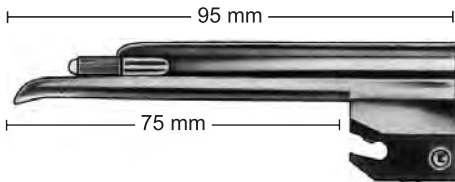
Negus  
**559-06-03** With handle and 3 blades No. 1, 2, 3  
**559-07-04** With handle and 4 blades No. 1, 2, 3, 4  
**559-08-05** With handle and 5 blades No. 0, 1, 2, 3, 4  
Available in Plastic, wooden case, leather and canvas pouch



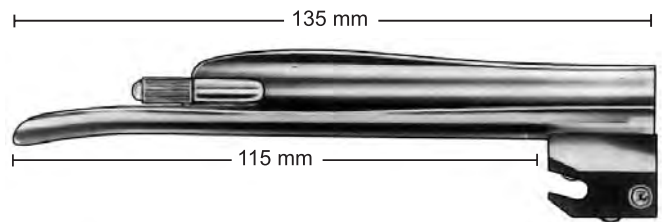
Foregger  
**560-01-00**  
No. 0, 75 mm



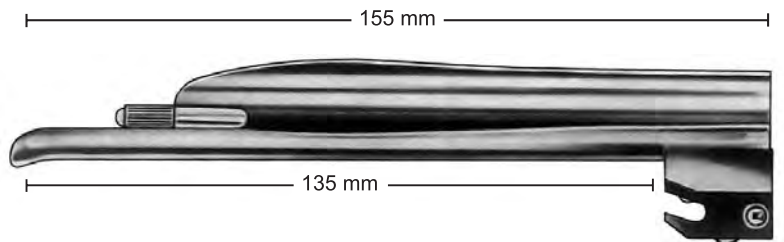
Foregger  
**560-03-02**  
No. 2, 115 mm



Foregger  
**560-02-01**  
No. 1, 95 mm



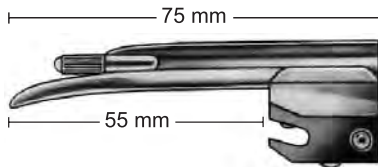
Foregger  
**560-04-03**  
No. 3, 135 mm



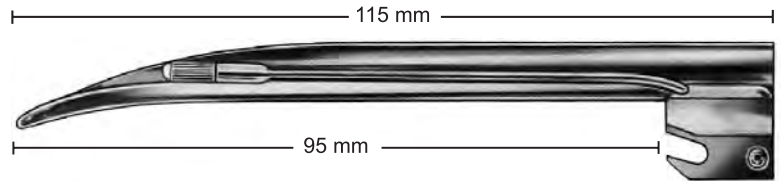
Foregger  
**560-05-04**  
No. 4, 155 mm



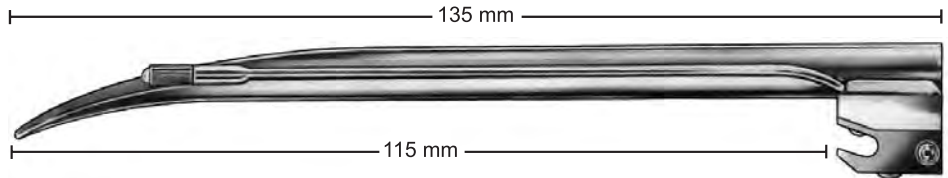
Foregger  
**560-06-03** With handle and 3 blades No. 1, 2, 3  
**560-07-04** With handle and 4 blades No. 1, 2, 3, 4  
**560-08-05** With handle and 5 blades No. 0, 1, 2, 3, 4  
Available in Plastic, wooden case, leather and canvas pouch



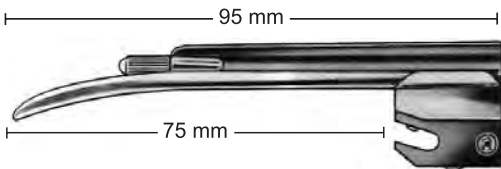
Miller  
**561-01-00**  
 No. 0, 77 mm



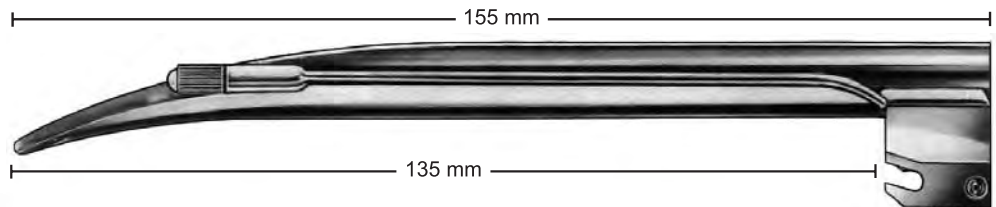
Miller  
**561-03-02**  
 No. 2, 155 mm



Miller  
**561-04-03**  
 No. 3, 197 mm



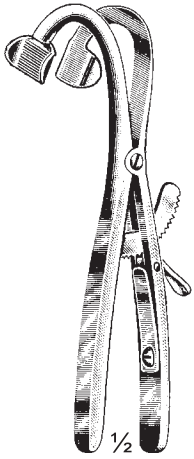
Miller  
**561-02-01**  
 No. 1, 100 mm



Miller  
**561-05-04**  
 No. 4, 203 mm



Miller  
**561-06-03** With handle and 3 blades No. 1, 2, 3  
**561-07-04** With handle and 4 blades No. 1, 2, 3, 4  
**561-08-05** With handle and 5 blades No. 0, 1, 2, 3, 4  
 Available in Plastic, wooden case, leather and canvas pouch



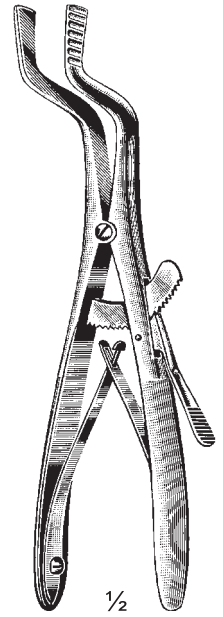
Denhardt  
562-01-12  
12 cm / 4¾"



Denhardt  
562-02-12  
12.5 cm / 5"



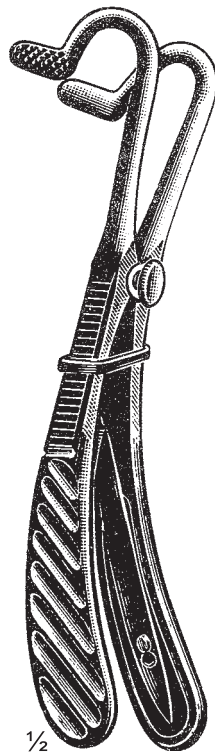
Fergusson-Ackland  
562-03-14  
14.5 cm / 5¾"



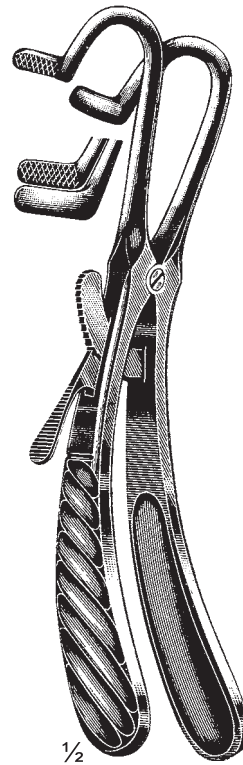
Roser-Koenig  
562-04-16 16 cm / 6¼"  
562-05-19 19 cm / 7½"



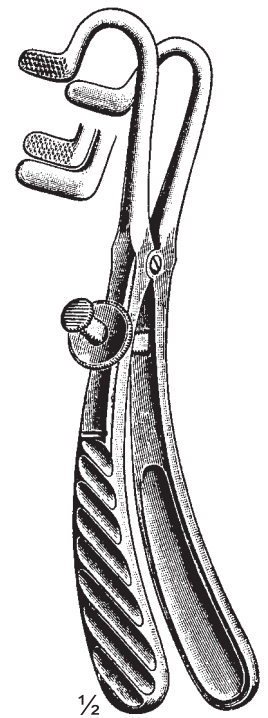
Roser-Koenig  
562-06-16 16 cm / 6¼"  
562-07-19 19 cm / 7½"



Mason-Ackland  
562-08-14 14 cm / 5½"  
562-09-16 16 cm / 6¼"  
562-10-18 18 cm / 7"  
562-11-20 20 cm / 8"



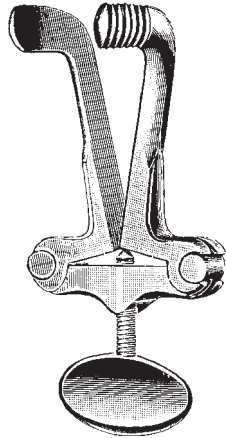
Mason-Ackland  
562-12-16 16 cm / 6¼"  
562-13-18 18 cm / 7"  
562-14-20 20 cm / 8"



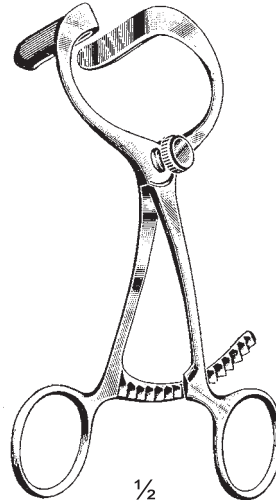
Mason  
562-15-14 14 cm / 5½"  
562-16-16 16 cm / 6¼"  
562-17-18 18 cm / 7"  
562-18-20 20 cm / 8"



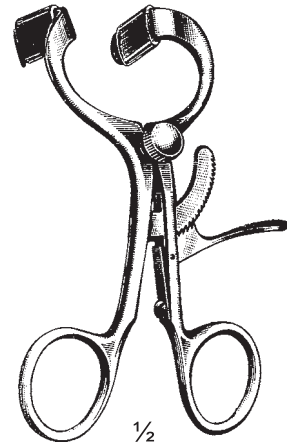
$\frac{1}{2}$   
Heister  
563-01-13  
13 cm / 5 $\frac{1}{8}$ "



Heister  
563-02-13  
13 cm / 5 $\frac{1}{8}$ "



$\frac{1}{2}$   
Doyen-Collin  
563-03-13 13 cm / 5 $\frac{1}{8}$ "  
563-04-15 15 cm / 6"



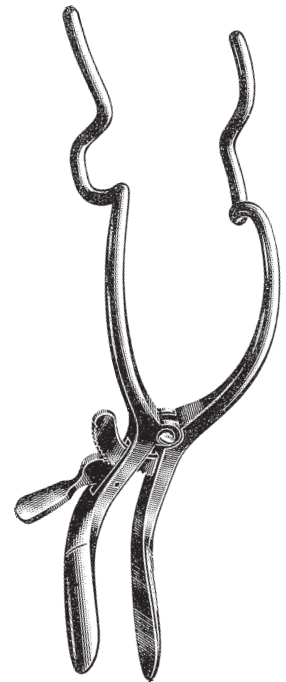
$\frac{1}{2}$   
Molt  
563-05-11 11 cm / 4 $\frac{1}{4}$ "  
563-06-14 14 cm / 5 $\frac{1}{2}$ "



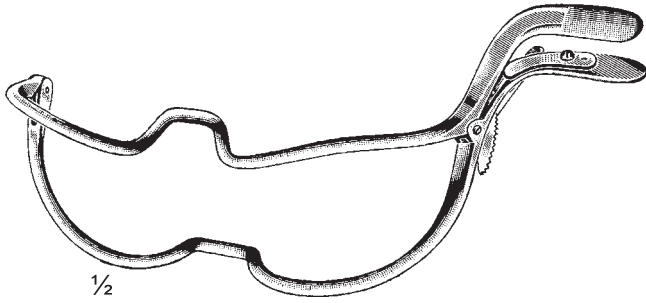
$\frac{1}{2}$   
Doyen-Jansen  
563-07-10 10 cm / 4"  
563-08-15 15 cm / 6"



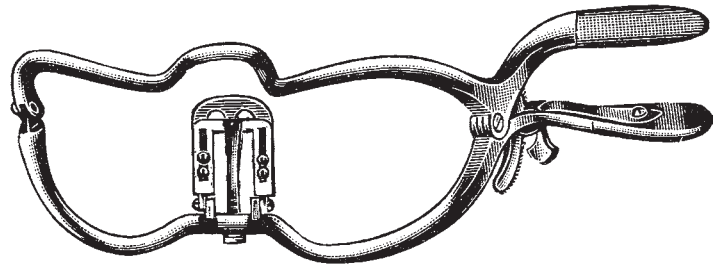
Featherstone  
563-09-16  
16.5 cm / 6 $\frac{1}{2}$ "



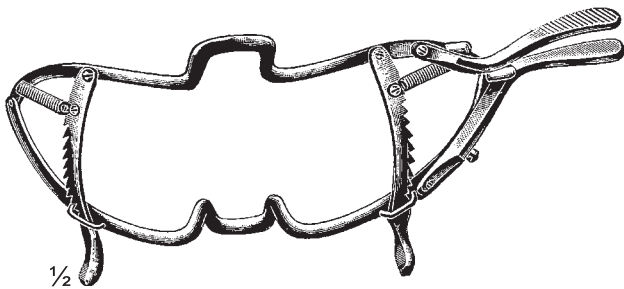
Jenning  
563-10-11 11 cm / 4 $\frac{1}{4}$ "  
563-11-13 13 cm / 5"



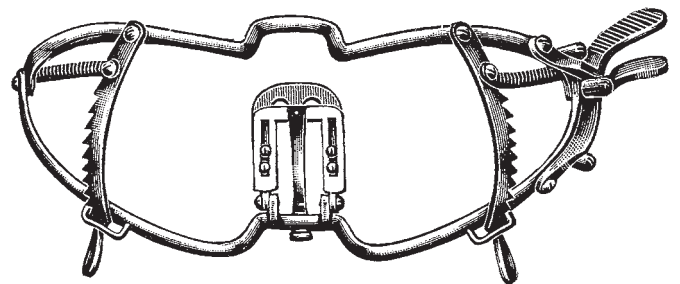
Jennings  
**564-01-09** 9 cm / 3 1/2"  
**564-02-11** 11 cm / 4 1/4"  
**564-03-13** 13 cm / 5 1/8"  
**564-04-15** 15 cm / 6"



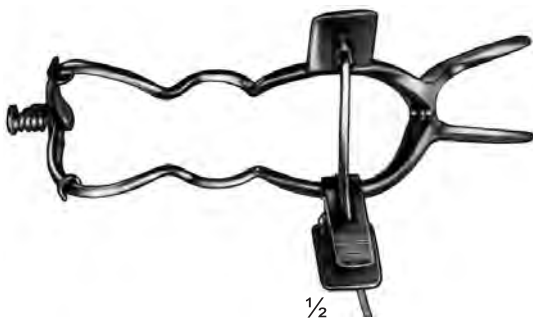
Jennings  
**564-05-09** 9 cm / 3 1/2"  
**564-06-11** 11 cm / 4 1/4"  
**564-07-13** 13 cm / 5 1/8"  
**564-08-15** 15 cm / 6"



Whitehead  
**564-09-09** 9 cm / 3 1/2"  
**564-10-11** 11 cm / 4 1/4"  
**564-11-13** 13 cm / 5 1/8"  
**564-12-15** 15 cm / 6"



Whitehead  
**564-13-09** 9 cm / 3 1/2"  
**564-14-11** 11 cm / 4 1/4"  
**564-15-13** 13 cm / 5 1/8"  
**564-16-15** 15 cm / 6"



Seemann-Seiffert (Seft-retaining)  
**564-17-09** 9 cm / 3 1/2"  
**564-18-11** 11 cm / 4 1/4"  
**564-19-13** 13 cm / 5 1/8"  
**564-20-15** 15 cm / 6"



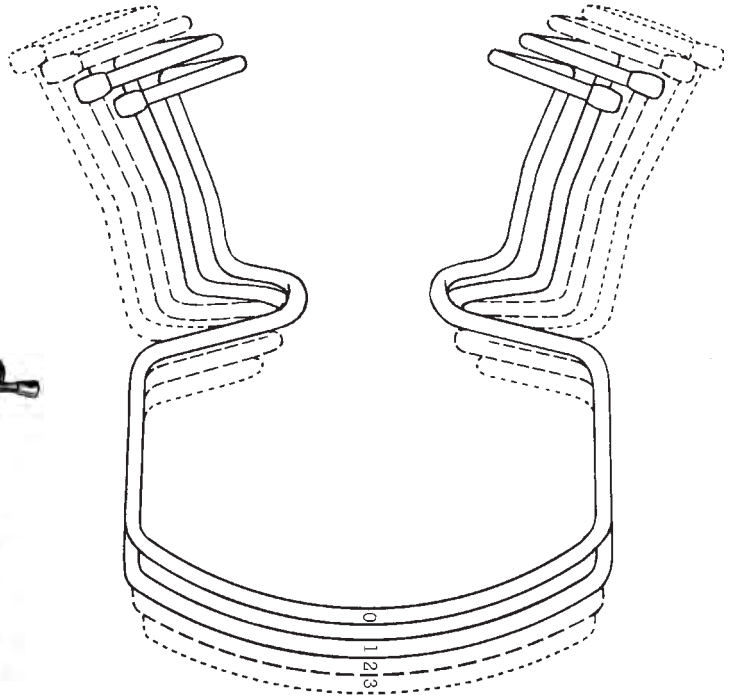
Seemann-Seiffert  
**564-21-11** 11 cm / 4 1/4"  
**564-22-13** 13 cm / 5 1/8"



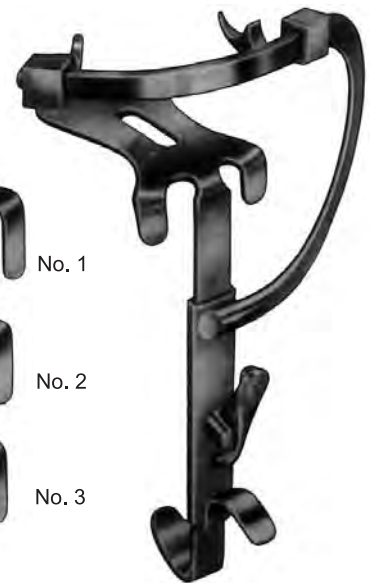
**Jennings**  
**565-01-09** 9 cm / 3½"  
**565-02-11** 11 cm / 4¼"  
**565-03-13** 13 cm / 5" ⅛  
**565-04-15** 15 cm / 6"



**Oringer**  
**565-05-00** No. 0, For children  
**565-06-01** No. 1  
**565-07-02** No. 2  
**565-08-03** No. 3  
**565-09-00** Complete set No. 0-3

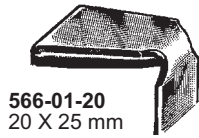


**Kilner-Dott**  
**565-10-00**  
 Complete consisting :  
 1 Frame  
 3 Blades No. 1, 2, 3

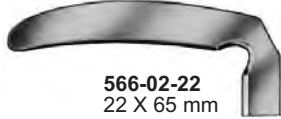


**Kilner-Russel**  
**565-11-00**  
 Complete consisting :  
 1 Frame  
 3 Blades No. 1, 2, 3





**566-01-20**  
20 X 25 mm



**566-02-22**  
22 X 65 mm



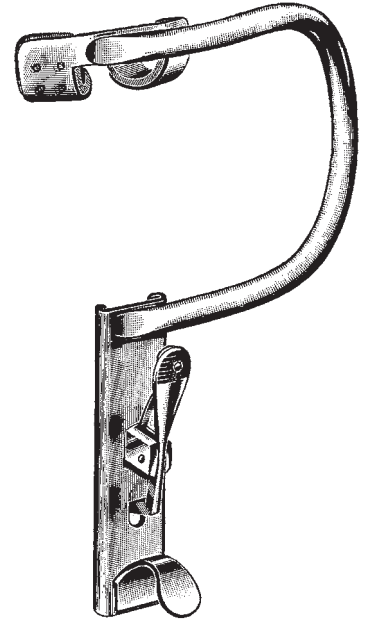
**566-03-24**  
24 X 75 mm



**566-04-25**  
25 X 90 mm

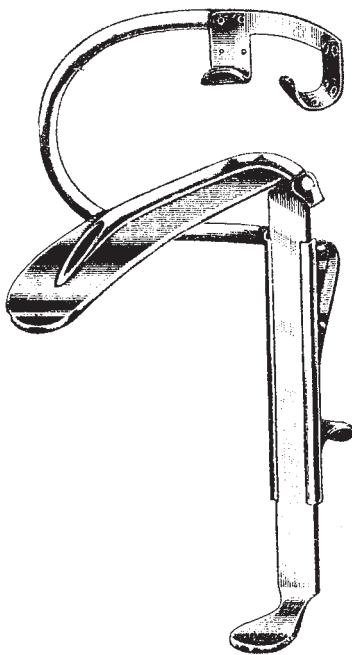


**566-05-26**  
26 X 110 mm

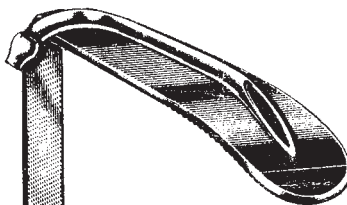


Davis-Boyle  
**566-01-20 To 566-05-26**  
Blades only  
**566-06-00**  
Complete consisting :  
1 Frame 566-07-00  
5 Blades

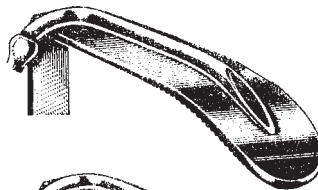
Davis-Boyle  
**566-07-00**  
Frame only



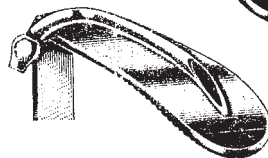
Davis-Boyle, Left  
**566-08-26 To 566-12-20**  
Blades with suction device  
**566-13-00**  
Complete consisting :  
1 Frame  
5 Blades



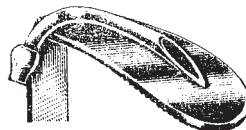
**566-08-26**  
**566-14-26**  
26 X 110 mm



**566-09-25**  
**566-15-25**  
25 X 90 mm



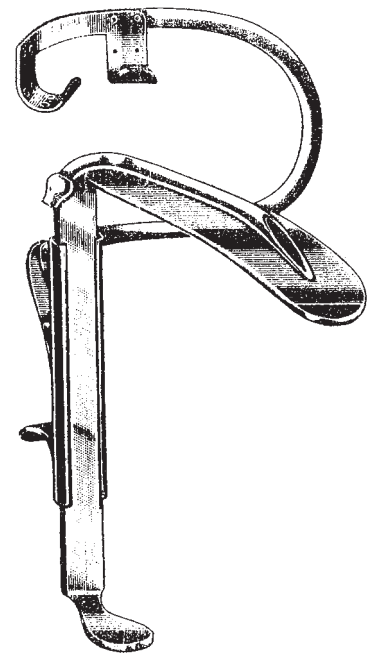
**566-10-24**  
**566-16-24**  
24 X 75 mm



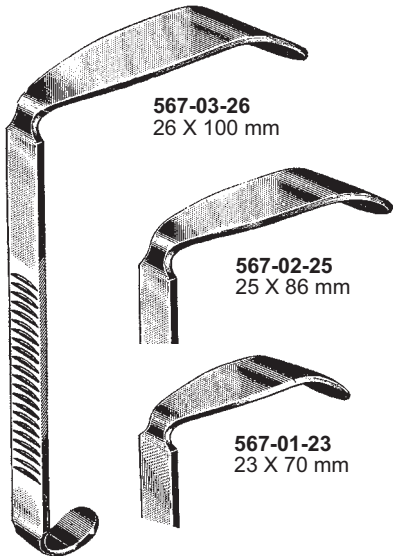
**566-11-22**  
**566-17-22**  
22 X 65 mm



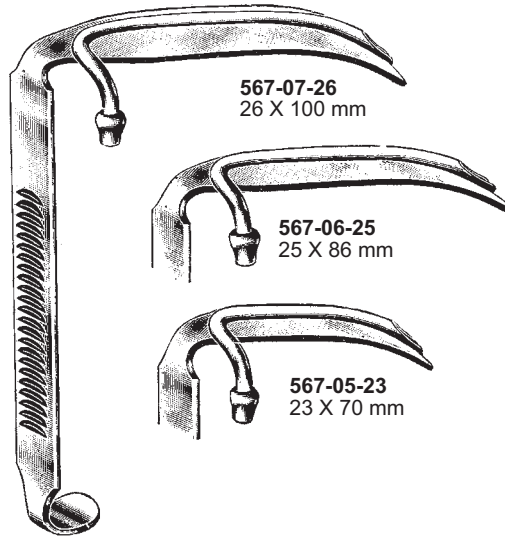
**566-12-20**  
**566-18-20**  
20 X 25 mm



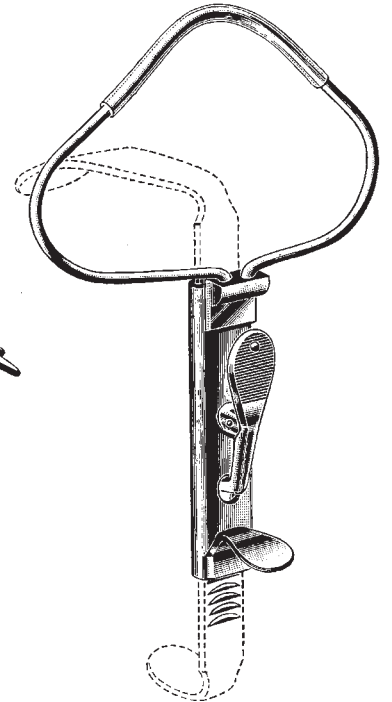
Davis-Boyle, Right  
**566-14-26 To 566-18-20**  
Blades with suction device  
**566-19-00**  
Complete consisting :  
1 Frame  
5 Blades



Mclvor  
567-01-26 To 567-03-23  
Blades only  
567-04-00  
Complete consisting :  
1 Frame 567-09-00  
3 Blades



Mclvor  
567-05-26 To 567-07-23  
Blades with suction device  
567-08-00  
Complete consisting :  
1 Frame 567-09-00  
3 Blades



Mclvor  
567-09-00  
Frame only



Dingman  
567-10-01 To 567-12-03  
Blades only  
567-13-00  
Complete consisting :  
1 Frame  
3 Blades  
2 Retractors



567-10-01



567-11-02



567-12-03



1/2  
Kilner-Doughty  
**568-01-01 To 568-03-03**  
Blades only  
**568-04-00**  
Complete consisting :  
1 Frame  
3 Blades  
2 Adjustable tooth plates  
1 Palatal support toothless



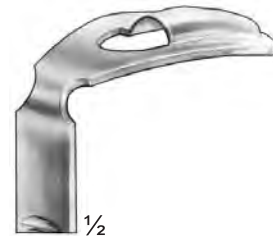
1/2  
**568-01-01**



1/2  
**568-02-02**



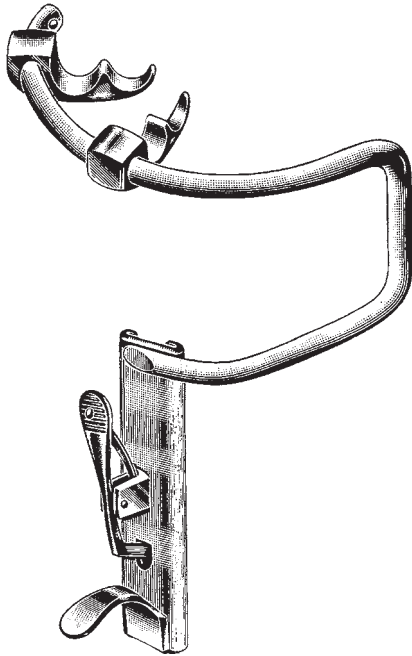
1/2  
**568-03-03**



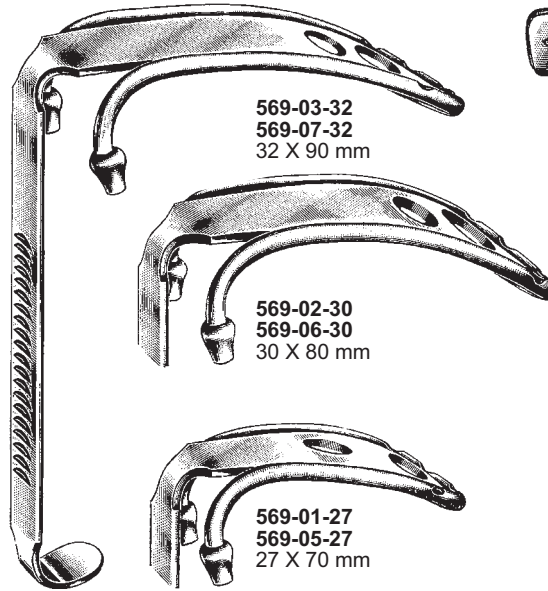
1/2



1/2  
**568-05-00**  
Chest support for mouth gag



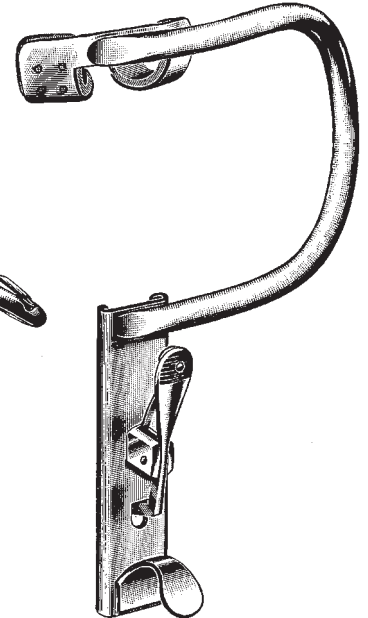
Negus  
**569-01-32 To 569-03-27**  
 Blades with suction device  
**569-04-00**  
 Complete consisting :  
 1 Frame  
 3 Blades  
 2 Adjustable tooth plates



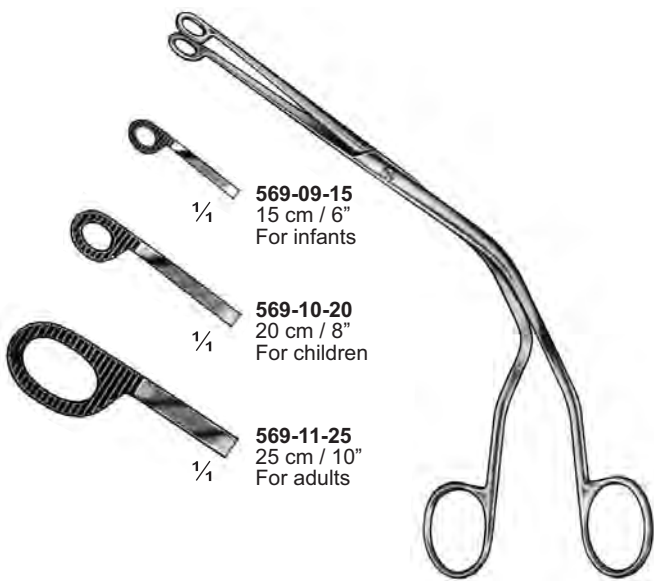
**569-03-32**  
**569-07-32**  
 32 X 90 mm

**569-02-30**  
**569-06-30**  
 30 X 80 mm

**569-01-27**  
**569-05-27**  
 27 X 70 mm



Negus  
**569-05-32 To 569-07-27**  
 Blades with suction device  
**569-08-00**  
 Complete consisting :  
 1 Frame, Standard  
 3 Blades

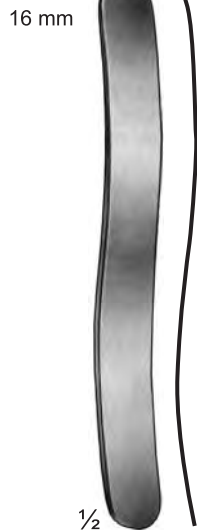


**569-09-15**  
 15 cm / 6"  
 For infants

**569-10-20**  
 20 cm / 8"  
 For children

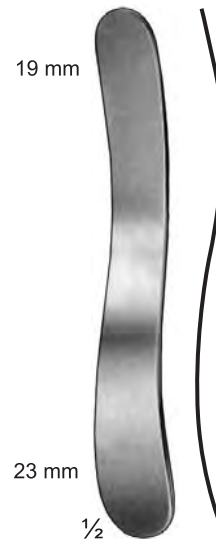
**569-11-25**  
 25 cm / 10"  
 For adults

Magil  
**569-09-15 To 569-11-25**



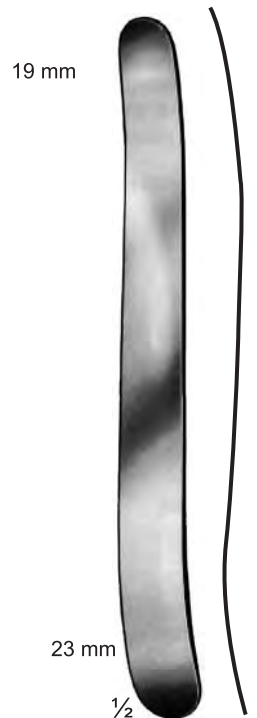
16 mm

**569-12-14**  
 14.5 cm / 5 7/8"



19 mm

**569-13-14**  
 14 cm / 5 1/2"



19 mm

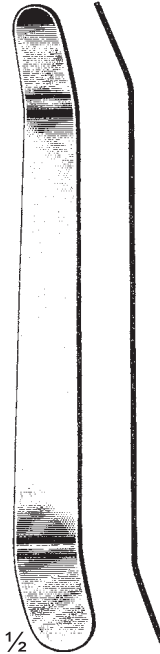
**569-14-18**  
 18 cm / 7"



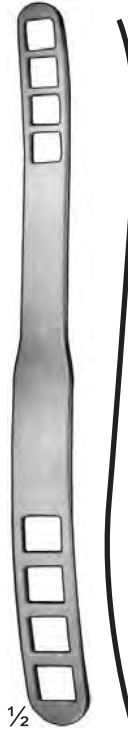
1/2  
**570-01-14**  
 14.5 cm / 5 3/4"



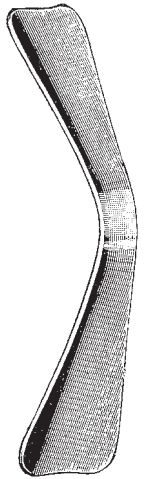
1/2  
 Mayo  
**570-02-17**  
 17 cm / 6 3/4"



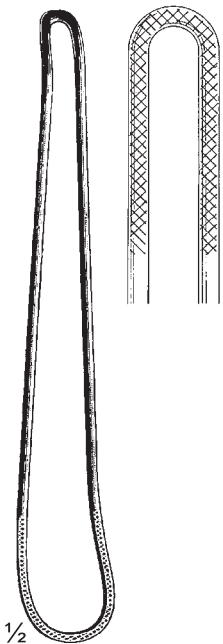
1/2  
**570-03-16**  
 16.5 cm / 6 1/2"



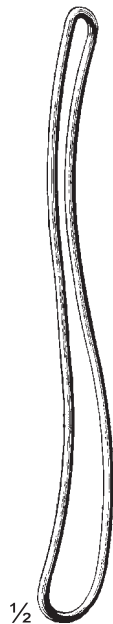
1/2  
 Bruenings  
**570-04-19**  
 19 cm / 7 1/2"



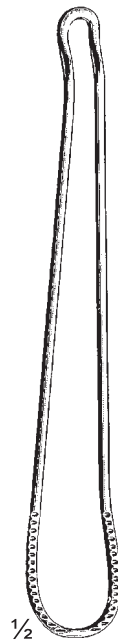
Doyen  
**570-05** 13 cm / 5 1/8"  
**570-06** 16 cm / 6 1/4"



1/2  
 Frenzel  
**570-07-16**  
 16.5 cm / 6 1/2"



1/2  
 Collin  
**570-08-16**  
 16.5 cm / 6 1/2"



1/2  
**570-09-16**  
 16.5 cm / 6 1/2"



Tobold  
**570-10-12**  
 12 cm / 4 3/4"



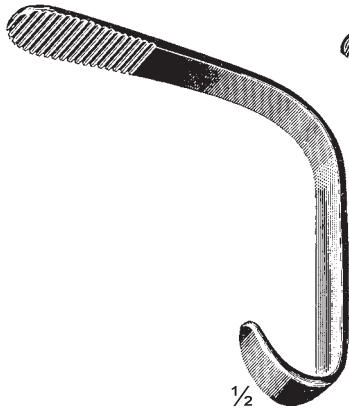
Hartmann  
**570-11-15** 15 cm / 6"  
**570-12-18** 18 cm / 7"

**Mundsperrer  
Mouth Gag  
Ouvre-bouche**



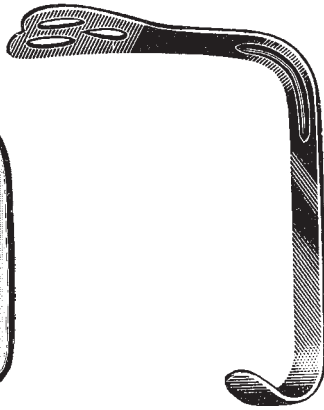
1/2

Baginski  
571-01-15  
15 cm / 6"

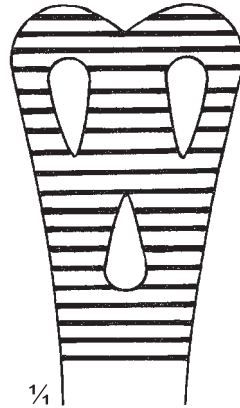


1/2

Andrew  
571-02-11 11 cm / 4 1/4"  
571-03-13 13 cm / 5 1/8"  
571-04-15 15 cm / 6"

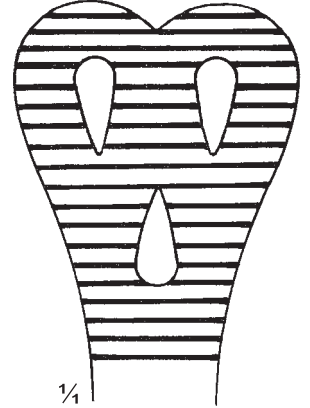


Weder  
571-05-14 & 571-06-15



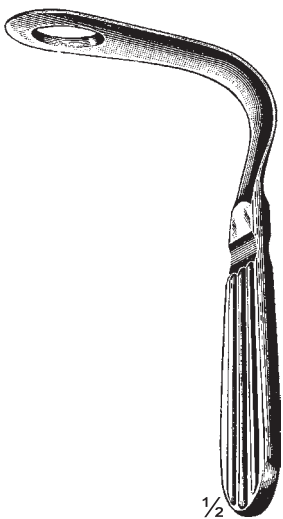
1/4

571-05-14  
14 cm / 5 1/2"  
28 mm



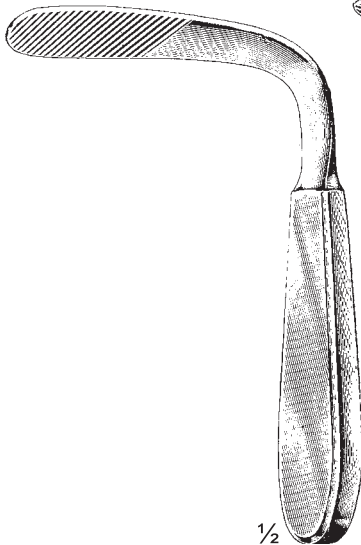
1/4

571-06-15  
15 cm / 6"  
32 mm



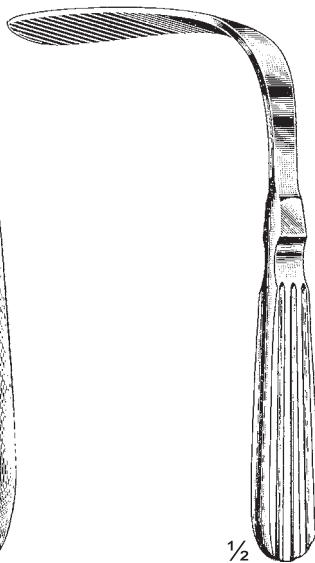
1/2

Bosworth  
571-07-12  
12 cm / 4 3/4"



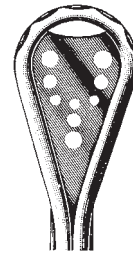
1/2

Tobold  
571-08-14 14.5 cm / 5 3/4"  
571-09-15 15 cm / 6"  
571-10-16 16.5 cm / 6 1/2"

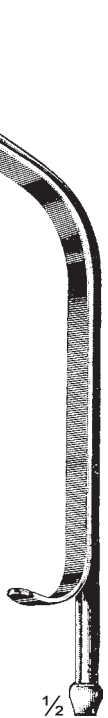


1/2

Tobold  
571-11-14 14.5 cm / 5 3/4"  
571-12-15 15 cm / 6"  
571-13-16 16.5 cm / 6 1/2"



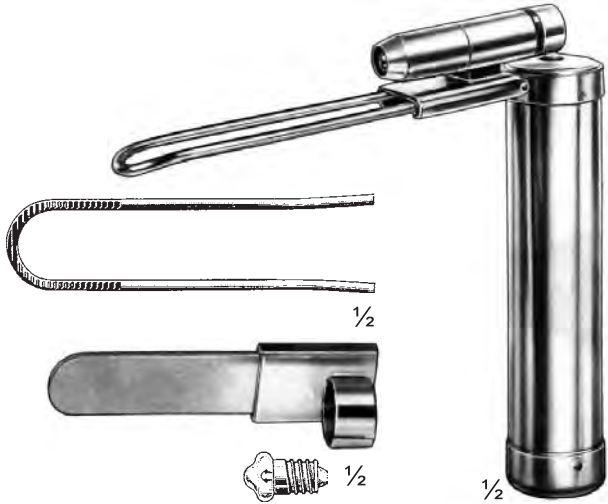
1/4



1/2

Le Mee  
571-14-21  
21 cm / 8 1/4"

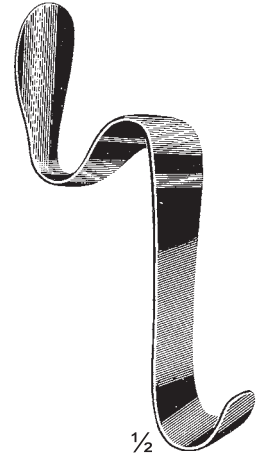
# Lippen- u WWangenhalter Lip and Cheek Retractors Ecarteurs des lèvres et joues



Mulux  
**572-01-00**  
complete consisting :  
1 Battery handle  
1 Interchangeable wire depressor  
2 Wooden depressors  
2 Lenticular bulbs  
Packed in pouch



University of Minnesota  
**572-02-14**  
14 cm / 5½"



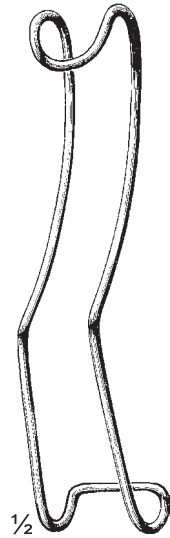
Bishop  
**572-03-13** 13 cm / 5⅛"  
**572-04-15** 15 cm / 6"



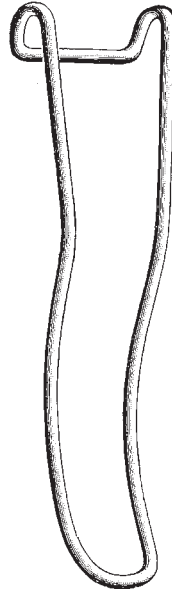
Tapia  
**572-05-19**  
19 cm / 7½"



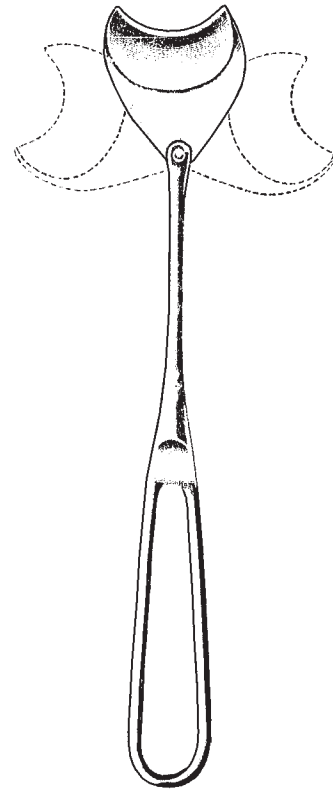
Moritz-Schmidt  
**572-06-19**  
19 cm / 7½"



Sternberg  
**572-07-12** 12 cm / 4¾"  
**572-08-14** 14 cm / 5½"  
**572-09-16** 16 cm / 6¼"  
**572-10-18** 18 cm / 7"



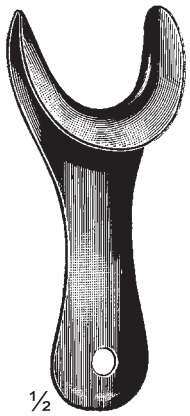
Sternberg  
**572-11-12** 12 cm / 4¾"  
**572-12-14** 14 cm / 5½"  
**572-13-16** 16 cm / 6¼"  
**572-14-18** 18 cm / 7"



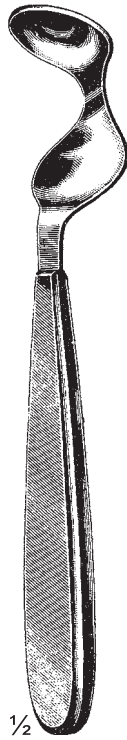
**572-15-19**  
19 cm / 7½"



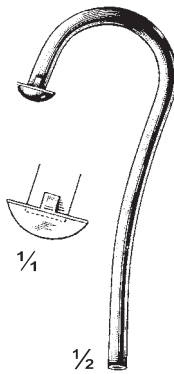
**572-16-21**  
21 cm / 8¼"



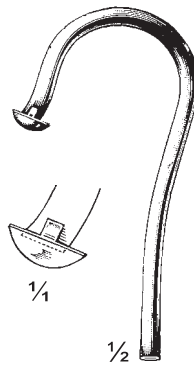
$\frac{1}{2}$   
**573-01-11**  
 11 cm / 4 $\frac{1}{4}$ "



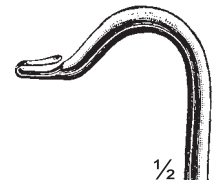
$\frac{1}{2}$   
**Shuman**  
**573-02-19**  
 19 cm / 7 $\frac{1}{2}$ "



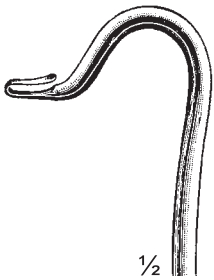
$\frac{1}{4}$   
 $\frac{1}{2}$   
**Hartmann**  
**573-03-10**  
 10 cm / 4"



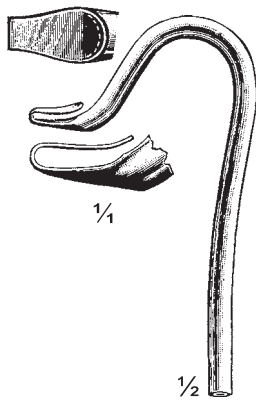
$\frac{1}{4}$   
 $\frac{1}{2}$   
**Hartmann**  
**573-04-09**  
 9 cm / 3 $\frac{1}{2}$ "



$\frac{1}{2}$   
**573-05-05**  
 5 cm / 2"



$\frac{1}{2}$   
**573-06-07**  
 7 cm / 3"



$\frac{1}{4}$   
 $\frac{1}{2}$   
**573-07-10**  
 10 cm / 4"



$\frac{1}{2}$   
**Langenbeck**  
**573-08-00**

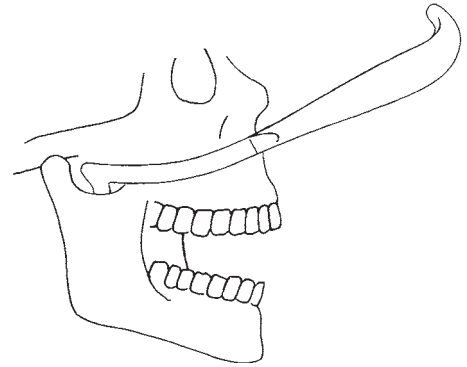
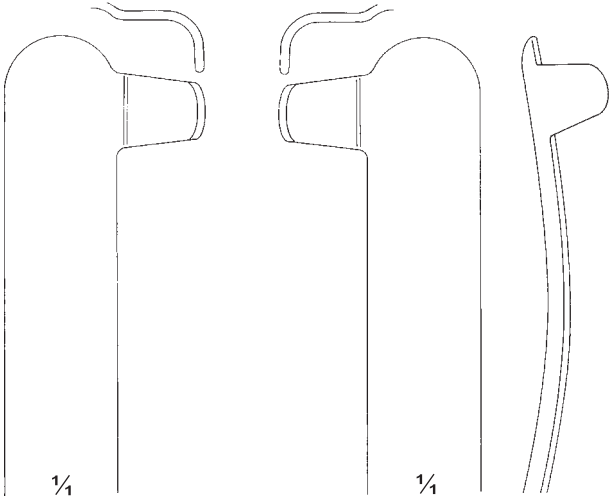


$\frac{1}{2}$   
**Langenbeck**  
**573-09-00**



$\frac{1}{2}$   
**Langenbeck**  
**573-10-00**





$\frac{1}{2}$   
**574-01-21**  
 21.5 cm / 8½"  
 Right



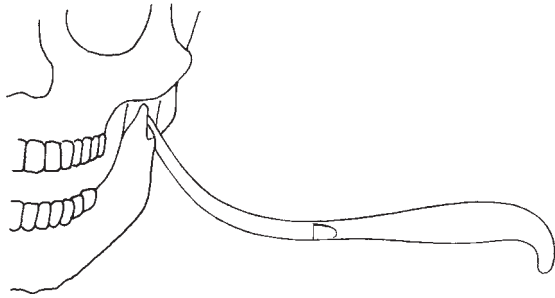
$\frac{1}{2}$   
**574-02-21**  
 21.5 cm / 8½"  
 Left



$\frac{1}{2}$   
**574-03-21**  
 21.5 cm / 8½"  
 Right  
 With fiber optic

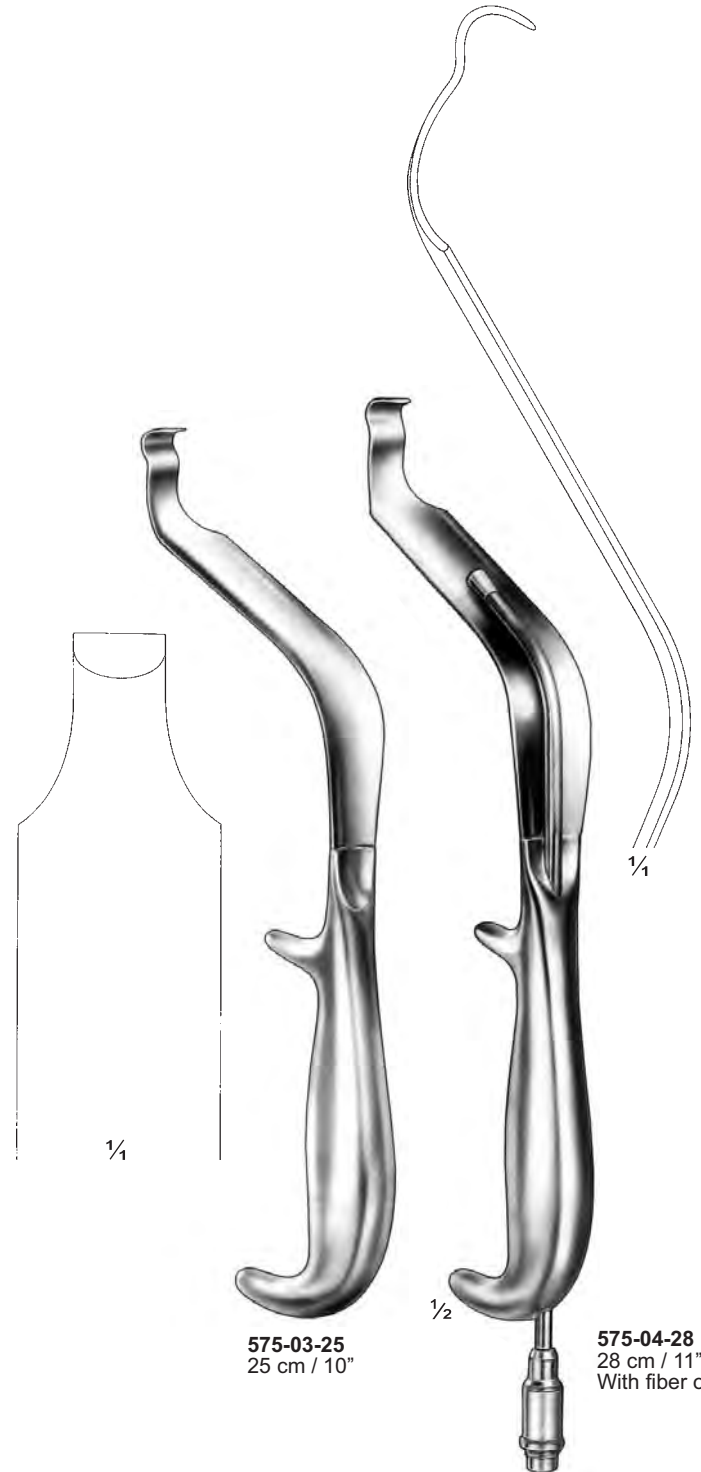


$\frac{1}{2}$   
**574-04-21**  
 21.5 cm / 8½"  
 Left  
 With fiber optic



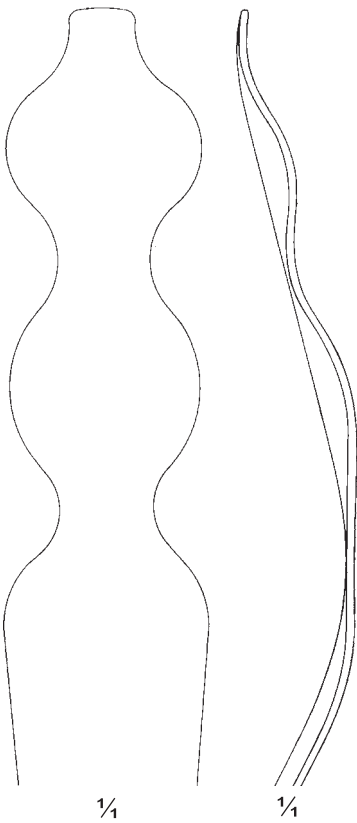
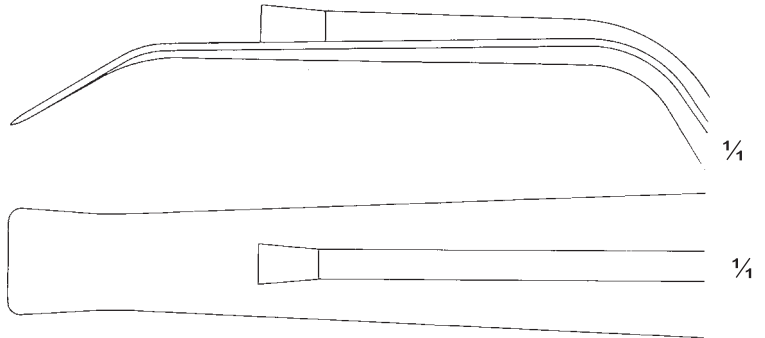
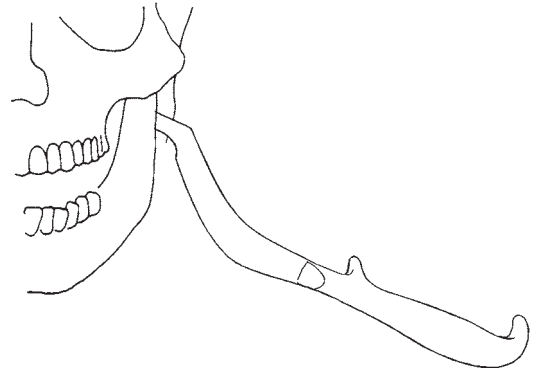
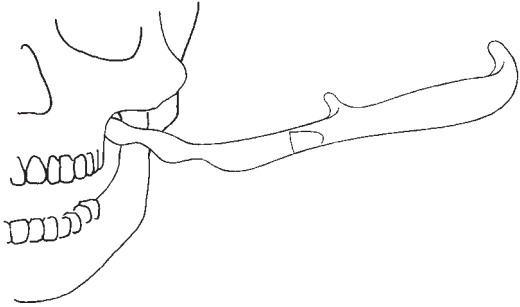
**575-01-24**  
 24 cm / 9½"

**575-02-24**  
 24 cm / 9½"  
 With fiber optic



**575-03-25**  
 25 cm / 10"

**575-04-28**  
 28 cm / 11"  
 With fiber optic



**576-01-24**  
 24 cm / 9½"



**576-02-27**  
 27 cm / 10½"  
 With fiber optic



**576-03-24**  
 24 cm / 9½"  
 With fiber optic

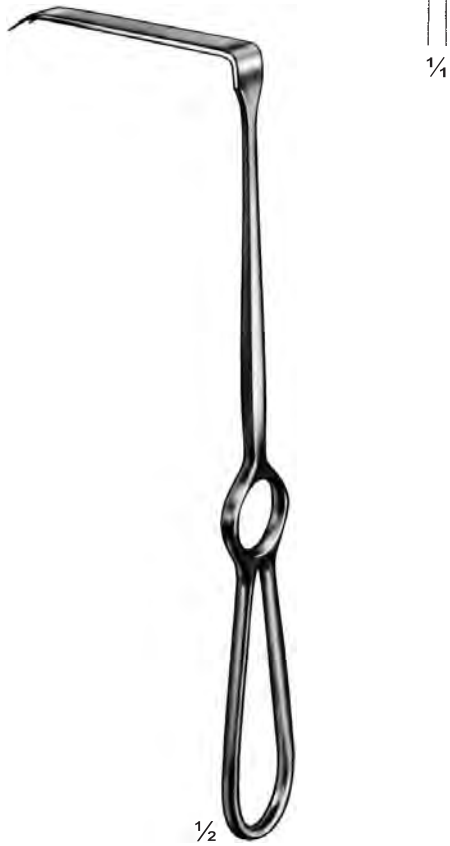
**Ramushaken  
Ranis Retractors  
Ecarteurs pour ramus**

10 X 42 mm

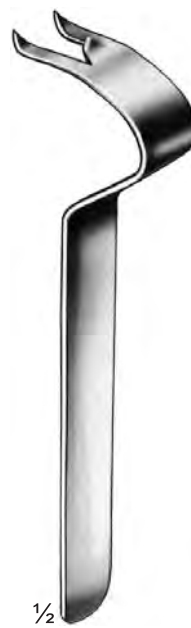
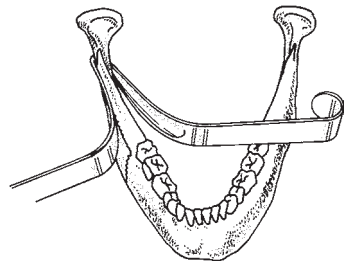


Obwegeser  
**577-01-22**  
22 cm / 8<sup>3</sup>/<sub>4</sub>"

11 X 70 mm



Obwegeser  
**577-02-22**  
22 cm / 8<sup>3</sup>/<sub>4</sub>"



Obwegeser  
**577-03-16**  
16.5 cm / 6<sup>1</sup>/<sub>2</sub>"



Obwegeser  
**577-04-08** 8 mm  
**577-05-10** 10 mm  
16.5 cm / 6<sup>1</sup>/<sub>2</sub>"

**Zungenzangen  
Tongue Holding Forceps  
Pincers tire-langue**



$\frac{1}{4}$   
578-01-17  
578-07-17  
578-13-17  
17 cm / 6 $\frac{3}{4}$ "



$\frac{1}{4}$   
578-02-17  
578-08-17  
578-14-17  
17 cm / 6 $\frac{3}{4}$ "



$\frac{1}{4}$   
578-03-16  
578-09-16  
578-15-16  
16 cm / 6 $\frac{1}{4}$ "



$\frac{1}{2}$

Collin  
578-01-17 To 578-06-19



$\frac{1}{2}$

Collin  
578-07-17 To 578-12-19



$\frac{1}{2}$

Collin  
578-14-17 To 578-18-19

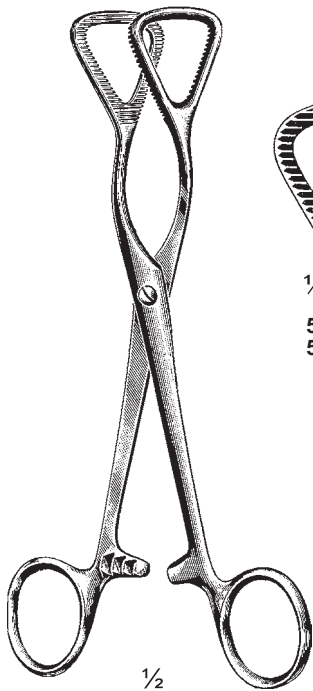


$\frac{1}{4}$   
578-04-17  
578-10-17  
578-16-17  
17 cm / 6 $\frac{3}{4}$ "



$\frac{1}{4}$   
578-05-17  
578-11-17  
578-17-17  
17 cm / 6 $\frac{3}{4}$ "

578-06-19  
578-12-19  
578-18-19  
19 cm / 7 $\frac{1}{2}$ "



$\frac{1}{2}$

Guy  
578-19-19 & 578-20-19  
19 cm / 7 $\frac{1}{2}$ "



$\frac{1}{4}$   
578-19-19  
578-21-19



$\frac{1}{4}$   
578-20-19  
578-22-19



$\frac{1}{2}$

Guy  
578-21-19 & 578-22-19  
19 cm / 7 $\frac{1}{2}$ "