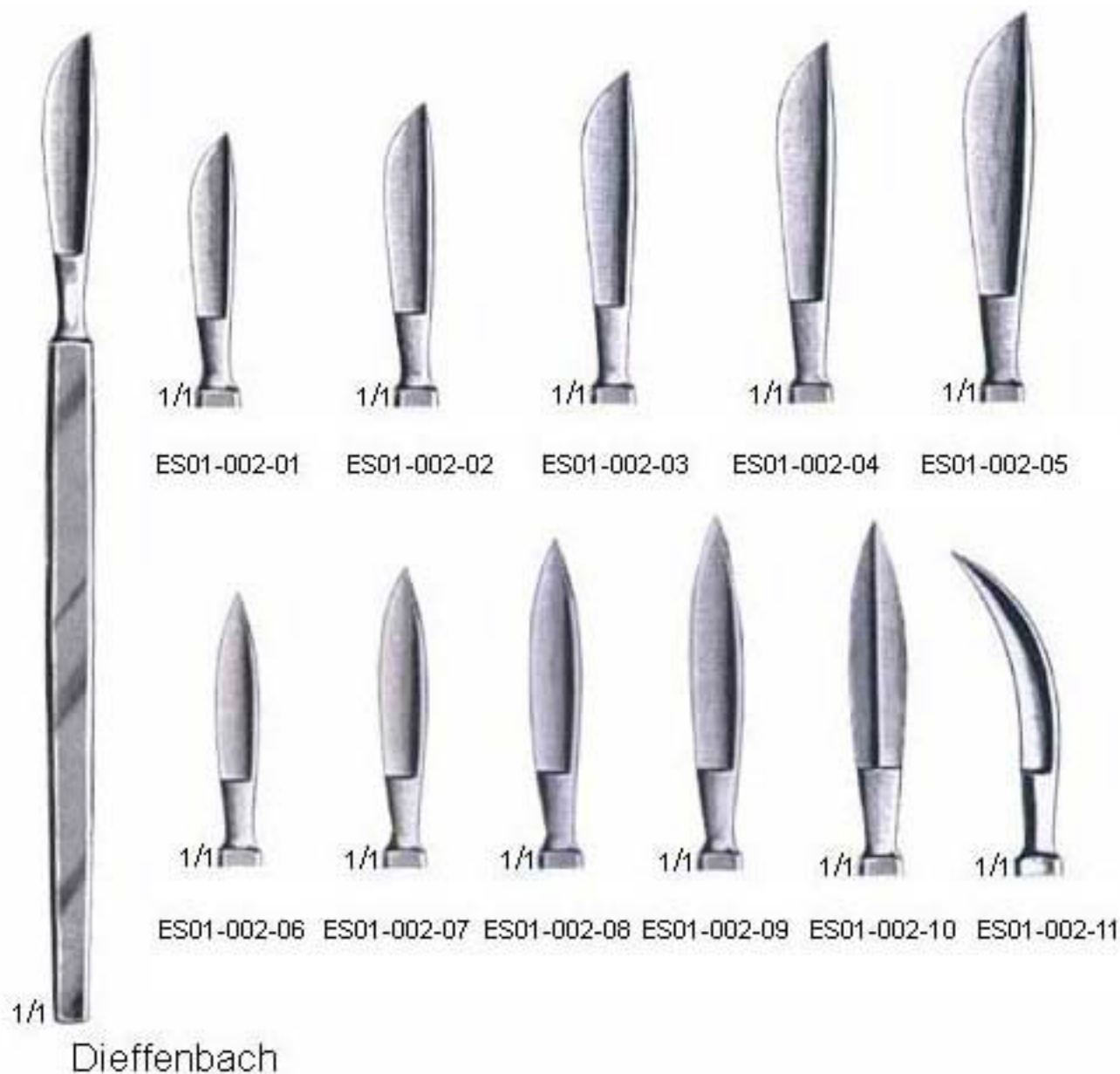






1/1

Adams



1/1

ES01-003-01



1/1

ES01-003-02



1/1

ES01-003-03



1/1

ES01-003-04



1/1

Parker



1/1

ES01-004-01



1/1

ES01-004-02



1/1

ES01-004-03



1/1  
17cm/6 3/4"  
Solid



1/1

ES01-001-01



1/1

ES01-001-02



1/1

ES01-001-03



1/1

ES01-001-04



1/1

ES01-001-05



1/1

ES01-001-06



1/1

ES01-001-07



1/1

ES01-001-08



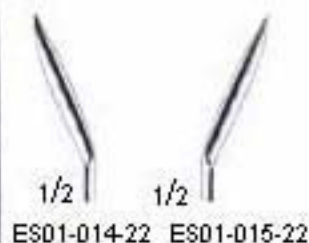
1/1

ES01-001-09



1/1

ES01-001-10



1/3  
Ulrich  
22.5 cm/9"  
ES01-016-22







ES01-023  
Solid



ES01-024  
Solid



ES01-025  
Solid



ES01-026  
Solid



ES01-027  
Solid



ES01-028  
Solid



1/1  
ES01-029



1/1  
ES01-030



1/1  
Collin  
ES01-031



1/1  
Collin  
ES01-032



1/1  
Super  
ES01-033



1/1  
Troutman-Chris  
9cm/3 1/2"  
ES01-034-09  
Ø 5.5mm



1/1  
Troutman-Chris  
9cm/3 1/2"  
ES01-035-09  
Ø 5.5mm



1/1  
11 cm/4 1/2"  
ES01-036-09



1/1  
Castroviejo  
9cm/3 1/2"  
ES01-037-09  
Ø 8mm



Hopkins  
20cm/8"  
ES10-006-20



Esmarch  
18cm/7"  
ES10-007-18



Reiner  
18.5cm/7 3/4"  
ES10-008-18



Wigmore  
19cm/7 1/2"  
ES10-009-19



Engel  
ES10-010-14



Bergmann  
ES10-011-18



Knorr  
30cm/12"  
ES10-013-30

1/3



Haglund-Stille  
28cm/11"  
ES 10-014-28

1/3



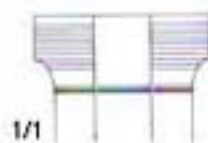
Beeson  
30cm/12"  
ES 10-015-30

1/3

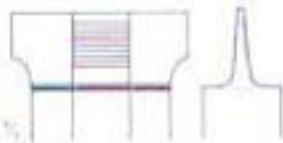


Henning  
28cm/11"  
ES10-016-28

1/3



1/1

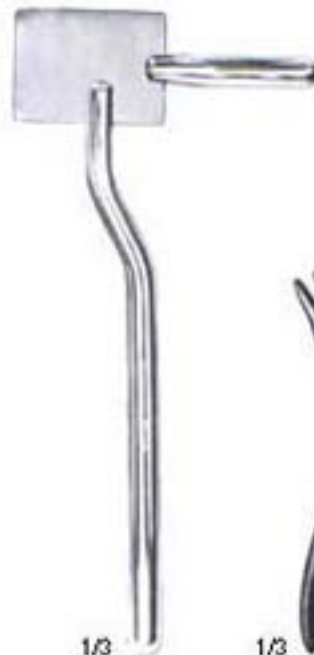


1/1



1/2

ES10-017-32



1/3

ES 10-018-32



1/3

Wolff  
18cm/7"  
ES10-019-18



1/3

Wolff  
24cm/9 1/2"  
ES 10-020-24



**Neuro-Duoflex**  
22cm/8 3/4"  
ES11-001-22

1/2



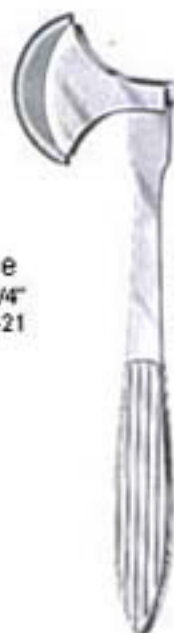
**Dejerine**  
20cm/8"  
ES11-002-20

1/2



**Dejerine**  
21cm/8 3/4"  
ES11-003-21

1/2



**Berliner**  
17cm/6 3/4"  
ES11-004-17



1/2

**Troemner**  
24cm/9 1/2"  
ES11-005-24



1/2

**Troemner-Simplex**  
21cm/8 3/4"  
ES11-006-21



**Taylor Mod.USA**  
18cm/7"  
ES11-007-18



**Taylor**  
18cm/7"  
ES11-008-18





1/2

**Traube**  
16cm/6 3/4"  
ES11-009-16



1/2

**Wartenberg**  
19cm/7 1/2"  
ES11-010-19



1/2

**Babinsky**  
22cm/8 3/4"  
ES11-011-22



**Babinsky**  
22cm/8 3/4"  
ES11-012-22



**Rabiner**  
23cm/9"  
ES11-013-23  
40mm



1/2

**Buck**  
18cm/7"  
ES11-014-18





ES11-016-00

Miller-Baby  
ES11-015-00



ES11-019-00

**ES11-015-00**

Laryngoscope set, Baby and infant Consisting of

ES11-030-00 Battery Handle, without Battery

ES11-016-00 Miller Baby Blade (working length 55 mm)

ES11-016-01 Ditto, (working length 80 mm)

**ES11-019-00**

Miller Laryngoscope set,

ES11-030-00 Battery Handle, without Battery

ES11-016-01 Blade (working length 80 mm)

ES11-016-02 Ditto, (working length 130 mm)

ES11-016-03 Ditto, (working length 170 mm)

**Miller Laryngoscope Blades**

ES11-016-00 working length 55 mm

ES11-016-01 working length 80 mm

ES11-016-02 working length 130 mm

ES11-017-03 working length 170 mm

ES11-017-04 working length 180 mm

ES11-016-00

ES11-016-01

ES11-016-02

ES11-016-03

ES11-016-04



McIntosh  
ES11-021-00



ES11-023-00



ES11-023-01



ES11-023-02



ES11-023-03



ES11-023-04

#### ES11-021-00

McIntosh Larygoscope set,  
ES11-023-00 Batter Handle, without Battery  
ES11-023-01 Blade (working length 70 mm)  
ES11-023-02 Ditto, (working length 90 mm)  
ES11-023-03 Ditto, (working length 110 mm)

#### McIntosh Larygoscope Blades

ES11-023-00 working length 55 mm  
ES11-023-01 working length 75 mm  
ES11-023-02 working length 90 mm  
ES11-023-03 working length 110 mm  
ES11-023-04 working length 135 mm



ES11-025-00

McIntosh Larygoscope set,

ES11-030-00 Batter Handle, without Battery

ES11-023-01 Blade (working length 70 mm)

ES11-023-02 Ditto, (working length 90 mm)

ES11-023-03 Ditto, (working length 110 mm)

ES11-023-04 Ditto, (working length 135 mm)



ES11-026-00



ES11-027-00



ES11-030-00

ES11-026-00

Larygoscope Blades, Mod. Wiemers,  
(working length 100 mm strong/curve

ES11-027-00

Larygoscope Blades, Mod. Wiemers,  
(working length 100 mm strong/curve



Guedel-Negus  
ES11-033-00



ES11-035-01



ES11-035-02



ES11-035-03



ES11-035-04

ES11-033-00

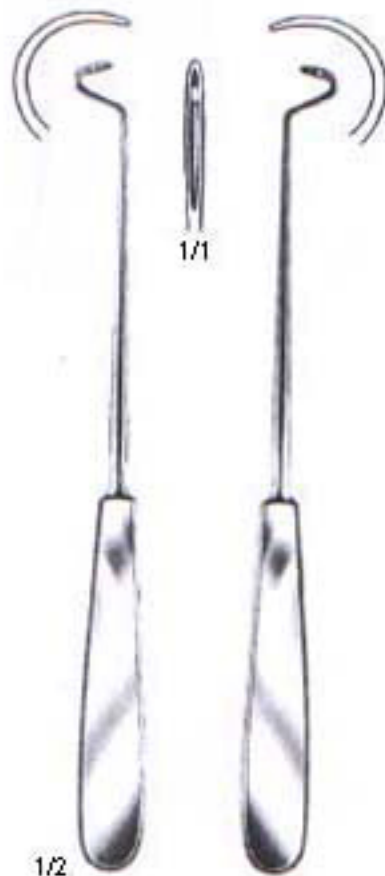
Guedel-Negus Laryngoscope set,  
ES11-030-00 Batter Handle, without Battery  
ES11-035-01 Blade (working length 70 mm)  
ES11-035-02 Ditto, (working length 90 mm)  
ES11-035-03 Ditto, (working length 110 mm)  
ES11-035-04 Ditto, (working length 135 mm)

Guedel-Negus Laryngoscope Blades  
ES11-035-01 working length 70 mm  
ES11-035-02 working length 90 mm  
ES11-035-03 working length 110 mm  
ES11-035-04 working length 135 mm

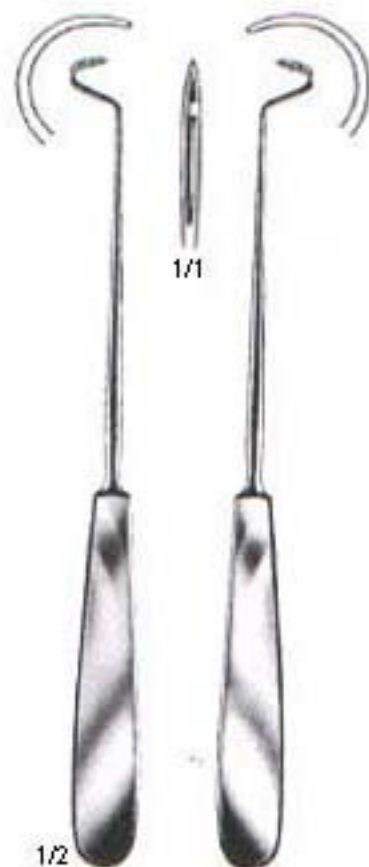




Kronecker Kronecker  
14cm/5 1/2" 14cm/5 1/2"  
ES12-001-01 ES12-001-02  
Blunt Blunt



Deschamps Deschamps  
20cm/8" 20cm/8"  
ES12-002-01 ES12-002-02  
Blunt Blunt



Deschamps Deschamps  
20cm/8" 20cm/8"  
ES12-003-01 ES12-003-02  
Sharp Sharp

Reverdin  
15cm/6"

1/2



1/1



ES12-004-01

ES12-004-02

ES12-004-03

ES12-004-04

1/2

Reverdin  
19.5cm/7 3/4"



1/1



19.5cm/7 3/4"

22.5cm/8 3/4"

ES12-005-01

ES12-005-02

ES12-005-03

ES12-005-04

ES12-006-01

ES12-006-02

ES12-006-03

ES12-006-04

1/2

Reverdin  
22.5cm/8 3/4"

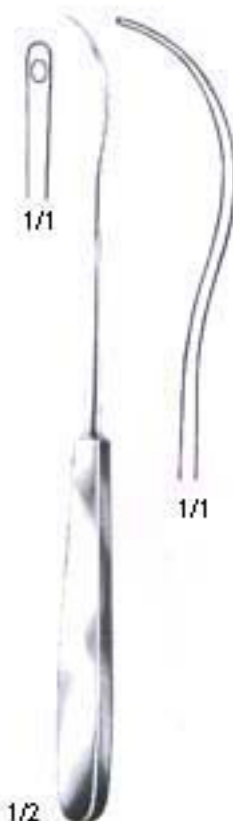




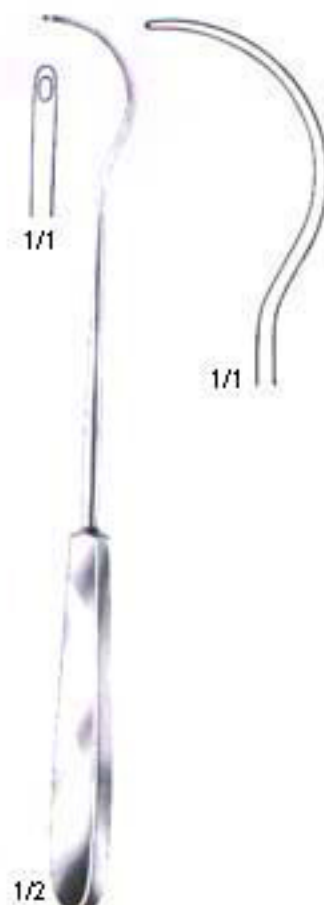


ES12-018-03

ES12-018-04



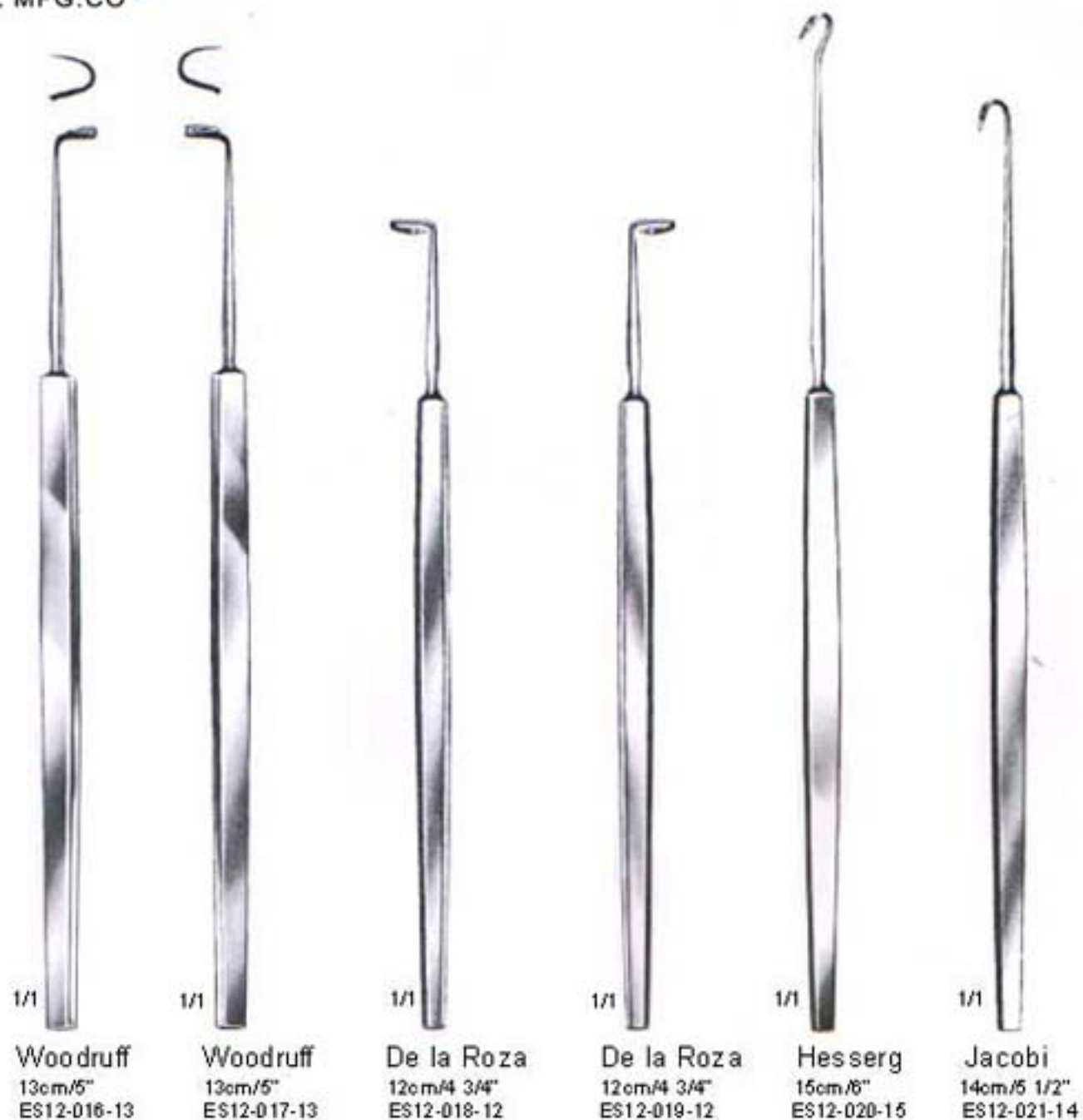
Deschamps  
23cm/9"  
ES12-013-23



Brunner  
25cm/10"  
ES12-014-25



Brunner  
30cm/12"  
ES12-015-02





Eicken  
17cm/6 3/4"  
ES12-022-17

Walker  
22cm/8 3/4"  
ES12-023-22

Dupuy  
22cm/8 3/4"  
ES12-024-22

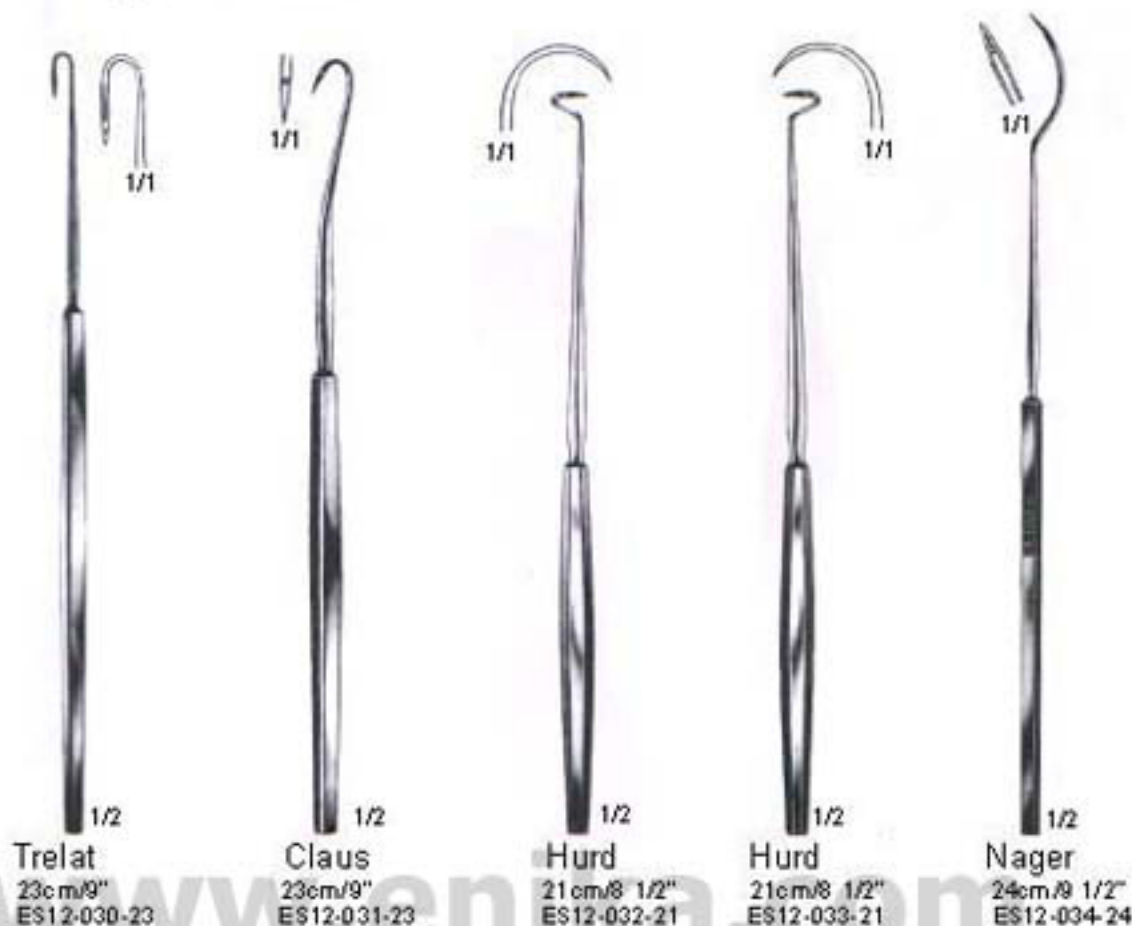
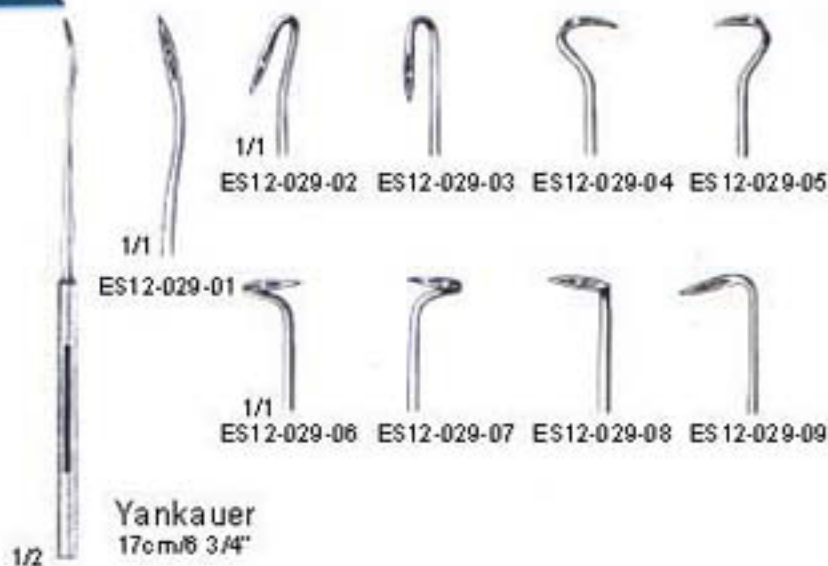
Dupuy-Weiss  
22cm/8 3/4"  
ES12-025-22

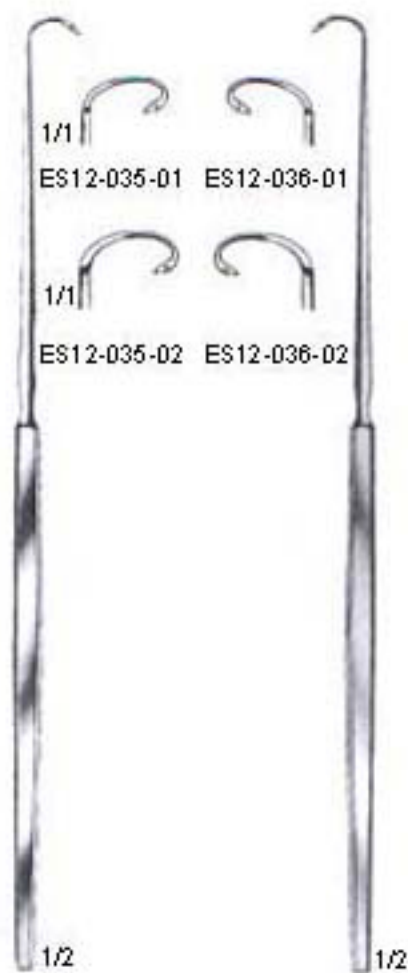
Falk  
24cm/9 1/2"  
ES12-026-24

Falk  
24cm/9 1/2"  
ES12-027-24

Claus-Eicken  
23cm/9"  
ES12-028-23

# Suture





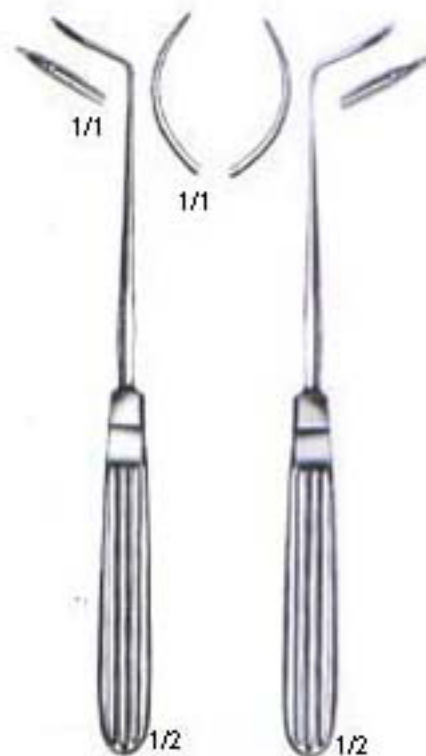
Rotter  
26cm/10 3/4"

Rotter  
16cm/10 3/4"



Durham  
25cm/10"  
ES12-037-25

Durham  
25cm/10"  
ES12-038-25



Alexander  
20cm/8"  
ES12-039-20

Alexander  
20cm/8"  
ES12-040-20



Michel  
12cm/4 3/4"  
ES12-041-12

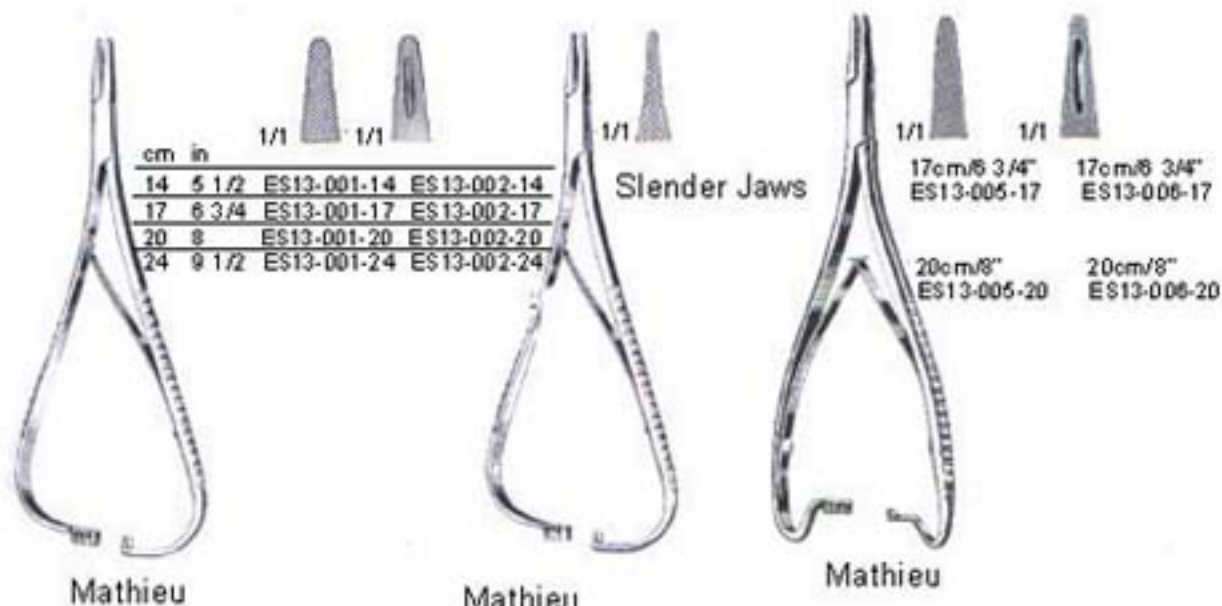


Collin  
13cm/5"  
ES12-042-13



Richter-Health  
14cm/5 1/2"  
ES12-043-14





Mathieu

Mathieu

Mathieu

14cm/5 1/2" ES13-003-14  
17cm/6 3/4" ES13-003-17



**Hosel**  
25cm/10"  
ES13-008-25



20cm/8" = ES13-009-20  
25cm/10" = ES13-009-25



M.G.H.  
17cm/8 3/4"  
ES13-010-17



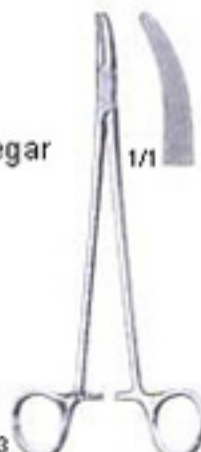
Mayo-Hegar



| cm | in     | Straight    | Curved      |
|----|--------|-------------|-------------|
| 14 | 5 1/2  | ES13-011-14 |             |
| 16 | 6 1/4  | ES13-011-16 | ES13-012-16 |
| 18 | 7      | ES13-011-18 | ES13-012-18 |
| 20 | 8      | ES13-011-20 | ES13-012-20 |
| 24 | 9 1/2  | ES13-011-24 | ES13-012-24 |
| 26 | 10 1/4 | ES13-011-26 | ES13-012-26 |
| 30 | 12     | ES13-011-30 |             |



Mayo-Hegar



Heaney  
21cm/8 3/4"  
ES13-015-21



Jamison  
23.5cm/9 3/4"  
ES13-016-23



Masson  
27cm/10 1/2"  
ES13-017-27

| cm | in    |             |
|----|-------|-------------|
| 14 | 5 1/2 | ES13-014-14 |
| 16 | 6 1/4 | ES13-014-16 |
| 18 | 7     | ES13-014-18 |
| 20 | 8     | ES13-014-20 |



**Finocchietto**  
27cm/10 1/2"  
ES13-018-27



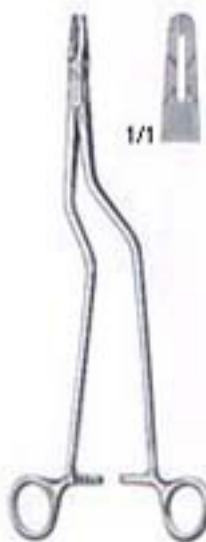
**Wangenstein**  
27cm/10 1/2"  
ES13-019-27



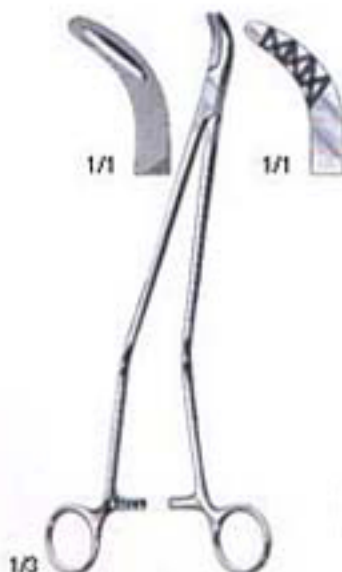
18cm/7"  
ES13-021-18



**Wangenstein**  
27cm/10 1/2"  
ES13-023-27



**Masson-Luethy**  
26cm/10 1/4"  
ES13-025-26



**Johnson**  
27cm/10 1/2"  
ES13-027-27



**Wertheim**  
20cm/8" ES13-029-20  
24cm/9 1/2" ES13-029-24



**Stratte**  
23cm/9"  
ES13-033-23



Olsen-Hegar  
17cm/6 3/4"  
ES13-35-17



Olsen-Hegar  
14cm/5 1/2" ES13-036-14  
18cm/7" ES13-036-18



Olsen-Hegar  
14cm/5 1/2"  
ES13-038-14



Gillies  
16cm/6 1/4"  
ES13-040-16



Crile  
15cm/6"  
ES13-042-15



Kirschner



18cm/7"  
ES13-045-18



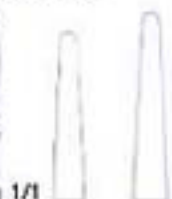
20cm/8"  
ES13-045-20



23cm/9"  
ES13-045-23



Langenbeck  
16cm/6 1/4" ES13-048-16  
20cm/8" ES13-048-20



smooth Jaws



**Brown**  
13cm/5" = ES13-050-13  
18cm/5" = ES13-050-18



**Crile-Murray**  
15cm/6" = ES13-052-15



**Crile-Wood**  
15cm/6" = ES13-054-15



**Sarot**  
18cm/7" = ES13-056-18  
26cm/10 1/4" = ES13-056-26



**Adson**

18cm/7" = ES13-058-18



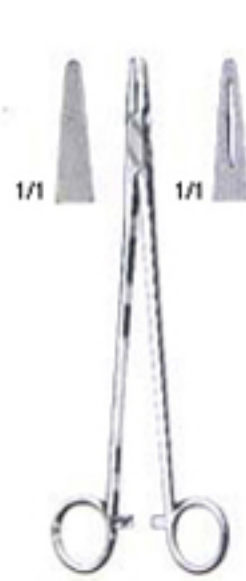
**Metzenbaum**

18cm/7" = ES13-060-18



**Hodlick**

18cm/7" = ES13-062-18  
ES13-064-20  
ES13-064-24



**Hegar**

cm in  
20 8 ES13-065-20  
24 9 1/2 ES13-065-24





**Derf**  
12cm/4 3/4"  
ES13-066-12



**Derf**  
12.5cm/5"  
ES13-068-12



**Collier**  
12.5cm/5"  
ES13-070-12



**Webster**  
13cm/5"  
ES13-072-13



**Halsey**  
13cm/5"  
ES13-074-13



**Neivert**  
13cm/5"  
ES13-076-13



**Hegar-Baumgartner**  
14cm/5 1/2"  
ES13-078-14



14cm/5 3/4" = ES13-080-14  
17cm/6 3/4" = ES13-080-17





Multiple  
21cm/8 1/4"

With double articulation



Wagner  
20cm/8"  
ES13-086-20



Toennis  
18cm/7"  
ES13-088-18



Lichtenberg  
20cm/8" = ES13-090-20  
25cm/10" = ES13-090-25



Zweifel  
20cm/8" = ES13-092-20  
20cm/9" = ES13-092-23



Castroviejo  
13cm/5 1/4"  
ES13-094-13



Castroviejo-Barraquer  
12cm/4 3/4"  
ES13-096-12



Castroviejo  
12cm/4 3/4"  
ES13-098-12



Castroviejo  
14cm/5 1/2"  
ES13-100-14



Castroviejo  
14cm/5 1/2"  
ES13-103-14



Castroviejo  
14cm/5 1/2"  
ES13-105-14



Boynton  
12cm/4 3/4"  
ES13-107-12



Castroviejo  
14cm/5 1/4"  
ES13-111-14



Castroviejo  
14cm/5 1/2"  
ES13-114-14



Arruga

Castroviejo  
14cm/5 1/4"  
ES13-109-14

Castroviejo  
14cm/5 1/2"  
ES13-113-14

| cm | in     | Straight    | Curved      |
|----|--------|-------------|-------------|
| 16 | 16 1/4 | ES13-115-16 | ES13-117-16 |



Barraquer  
14cm/5 1/2"  
ES13-119-14



Barraquer  
13cm/5"  
ES13-121-13



Castroviejo  
9cm/3 1/2"  
ES13-123-09



Castroviejo  
9cm/3 1/2"  
ES13-124-09



Castroviejo  
9cm/3 1/2"  
ES13-125-09



Castroviejo  
9cm/3 1/2"  
ES13-127-09



Barraquer  
14cm/5 1/4"  
ES13-131-14

Castroviejo  
14cm/5 1/2"  
ES13-129-14



1/2  
Stevens

13cm/5" = ES 13-135-13  
15cm/6" = ES 13-135-15



1/2

Berens

14cm/5 1/2"  
ES 13-137-14



1/1

1/2

Barraquer

14cm/5 1/2"  
ES 13-139-14



1/1

1/2

Kalt

14cm/5 1/2  
ES 13-141-14



1/1

1/2

Castroviejo-Kalt

13.5cm/5 1/4  
ES 13-143-13



1/1

1/2

Barraquer-  
Troutman

10cm/4"  
ES 13-145-10



1/1

1/2

Barraquer-  
Troutman

10cm/4"  
ES 13-147-10



2/3  
**Arruga**

| cm | in    | Straight    | Curved      |
|----|-------|-------------|-------------|
| 14 | 5 1/2 | ES13-149-14 | ES13-151-14 |



2/3  
**Paton**

| cm | in    | Straight    | Curved      |
|----|-------|-------------|-------------|
| 11 | 4 1/2 | ES13-155-11 | ES13-157-11 |



1/1  
**Barraquer-Troutman**  
10cm/4"  
ES13-159-10



1/1  
**Barraquer-Troutman**  
10cm/4"  
ES13-161-10



1/2  
**Barraquer**  
11cm/4 1/4"  
ES13-163-11



1/2  
**Barraquer**  
13cm/5"  
ES13-165-13





1/2  
Johns-Hopkins  
ES14-001



1/2  
Kronecker  
ES14-002



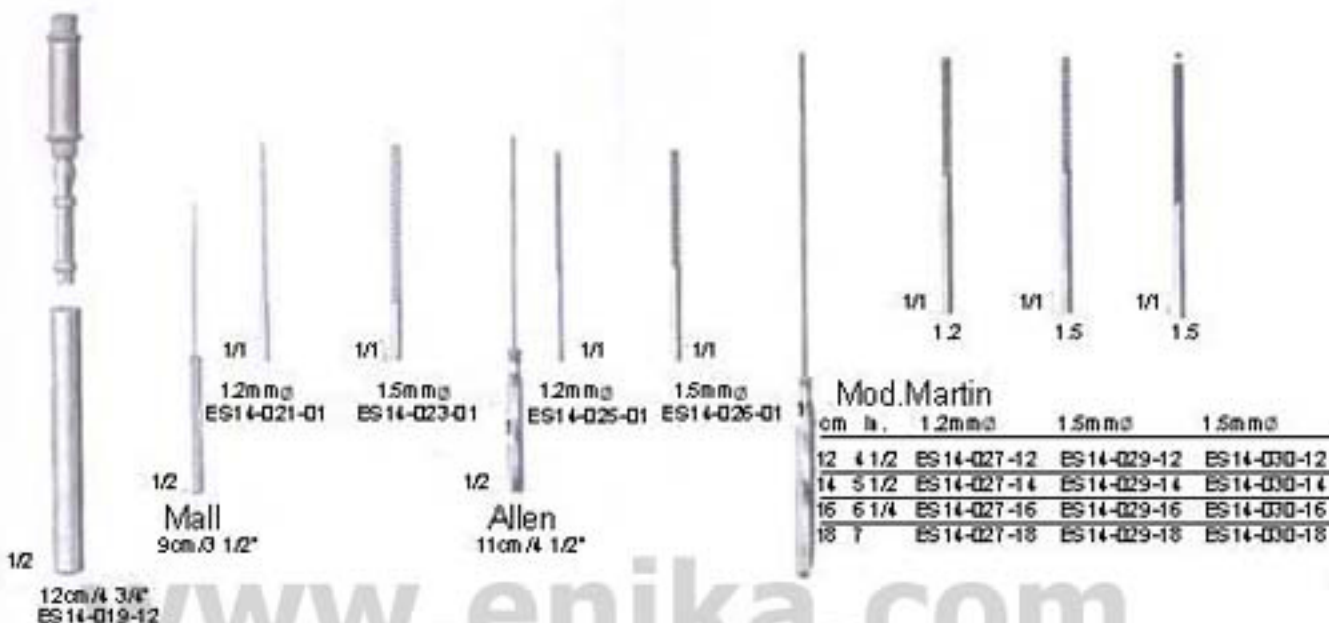
Johns-Hopkins



| cm   | in.   | 2mm Ø       | 1mm Ø       | 2mm Ø       |
|------|-------|-------------|-------------|-------------|
| 11.5 | 4 1/2 | ES14-003-11 | ES14-005-11 | ES14-007-11 |
| 13.0 | 5     | ES14-003-13 | ES14-005-13 | ES14-007-13 |
| 14.5 | 5     | ES14-003-16 | ES14-005-14 | ES14-007-14 |
| 16.0 | 6 1/4 | ES14-003-16 | ES14-005-16 | ES14-007-16 |
| 18.0 | 7     | ES14-003-18 | ES14-005-18 | ES14-007-18 |
| 20.0 | 8     | ES14-003-20 | ES14-005-20 | ES14-007-20 |
| 25.0 | 10    | ES14-003-25 | ES14-005-25 | ES14-007-25 |



|      |       |             |             |             |             |
|------|-------|-------------|-------------|-------------|-------------|
| 10.5 | 4 3/4 |             |             |             |             |
| 11.5 | 4 1/2 | ES14-011-11 |             |             |             |
| 13.0 | 5     | ES14-011-13 |             | ES14-014-13 |             |
| 14.0 | 5 1/2 |             |             |             |             |
| 14.5 | 5 1/2 | ES14-009-14 | ES14-011-14 | ES14-014-14 | ES14-016-14 |
| 16.0 | 6 1/4 | ES14-009-16 | ES14-011-16 | ES14-014-16 |             |
| 18.0 | 7     |             | ES14-011-18 | ES14-014-18 | ES14-016-16 |
| 20.0 | 8     |             | ES14-011-20 |             |             |

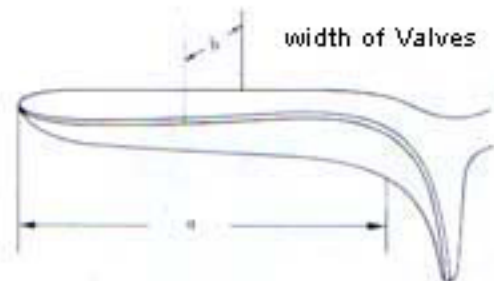




1/2

Pederson

| b   | a  |             |
|-----|----|-------------|
| mm  | mm |             |
| 75  | 13 | ES16-001-01 |
| 100 | 22 | ES16-001-02 |
| 120 | 25 | ES16-001-03 |



Length of Valves

For Children



1/2

Colin

ES16-003-01

85 x 10 mm



1/2

Cusco

| a   | b  |             |
|-----|----|-------------|
| mm  | mm |             |
| 75  | 32 | ES16-005-01 |
| 85  | 35 | ES16-005-02 |
| 100 | 35 | ES16-005-03 |



1/2

Cusco

| a  | b  |             |
|----|----|-------------|
| mm | mm |             |
| 75 | 17 | ES16-007-01 |



Cusco  

| a   | b  |             |
|-----|----|-------------|
| mm  | mm |             |
| 80  | 22 | ES16-009-01 |
| 100 | 25 | ES16-009-02 |
| 105 | 27 | ES16-009-03 |

1/2



Cusco  

| a   | b  |             |
|-----|----|-------------|
| mm  | mm |             |
| 75  | 32 | ES16-011-01 |
| 85  | 32 | ES16-011-02 |
| 100 | 37 | ES16-011-03 |

1/2



1/2

Colin  

| a  | b  |             |
|----|----|-------------|
| mm | mm |             |
| 65 | 20 | ES16-013-01 |



1/2

Colin  

| a   | b  |             |
|-----|----|-------------|
| mm  | mm |             |
| 35  | 35 | ES16-015-01 |
| 100 | 35 | ES16-015-02 |
| 110 | 35 | ES16-015-03 |



1/2

Colin-Landau  

| a   | b  |             |
|-----|----|-------------|
| mm  | mm |             |
| 100 | 35 | ES16-017-02 |



1/2

Grave  

| a   | b  |             |
|-----|----|-------------|
| mm  | mm |             |
| 75  | 20 | ES16-019-01 |
| 95  | 35 | ES16-019-02 |
| 115 | 35 | ES16-019-03 |



1/3

Guttman

| a<br>mm | b<br>mm |             |
|---------|---------|-------------|
| 90      | 35      | ES16-021-01 |



1/3

Guttman

| a<br>mm | b<br>mm |              |
|---------|---------|--------------|
| 80      | 45      | ES 16-023-01 |



1

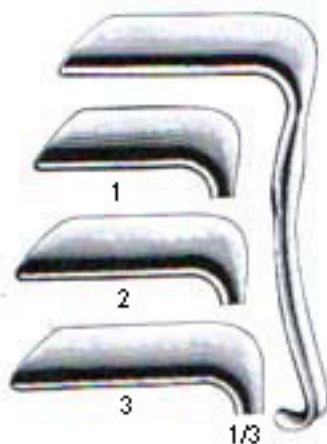
2

3

1/3

Sims

| a<br>mm | b<br>mm |             |
|---------|---------|-------------|
| 1       | 60      | ES16-025-01 |
| 2       | 70      | ES16-025-02 |
| 3       | 80      | ES16-025-03 |



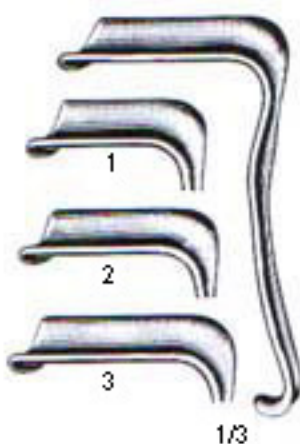
1

2

3

1/3

Jackson



1

2

3

1/3

Eastman



1/3

Auvar

| b = 35mm    | b = 40mm    | Fig. | a<br>mm | b = 35mm     | b = 40mm    |
|-------------|-------------|------|---------|--------------|-------------|
| ES16-027-01 | ES16-029-01 | 1    | 75      | ES 16-031-01 | ES16-033-01 |
| ES16-027-02 | ES16-029-02 | 2    | 90      | ES 16-031-02 | ES16-033-02 |
| ES16-027-03 | ES16-029-03 | 3    | 100     | ES 16-031-03 | ES16-033-03 |

| a<br>mm | b<br>mm | set         |
|---------|---------|-------------|
| 75      | 40      | ES16-035-00 |
| 90      | 45      |             |





Fig. 1



Fig. 2

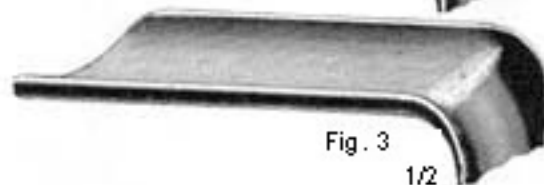
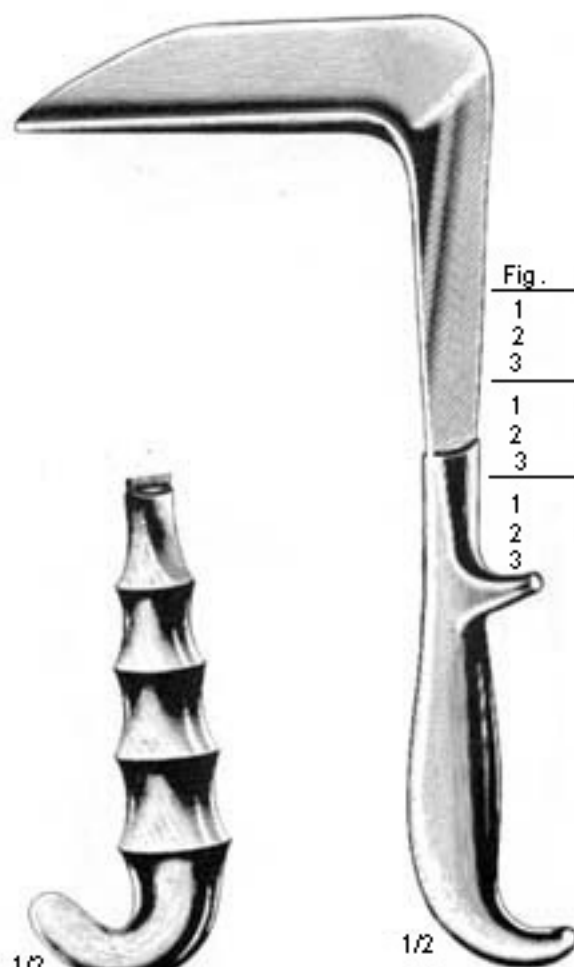


Fig. 3

1/2



1/2

1/2

| Fig. | a<br>mm | b<br>mm | Slightly-concave | Slightly-concave | medium-concave<br>semi-concave |
|------|---------|---------|------------------|------------------|--------------------------------|
| 1    | 55      | 35      | ES16-037-01      |                  | ES16-047-01                    |
| 2    | 85      | 35      | ES16-037-02      |                  | ES16-047-02                    |
| 3    | 115     | 35      | ES16-037-03      |                  | ES16-047-03                    |
| 1    | 55      | 35      | ES16-039-01      | ES16-043-01      | ES16-049-01                    |
| 2    | 85      | 35      | ES16-039-02      | ES16-043-02      | ES16-049-02                    |
| 3    | 115     | 35      | ES16-039-03      | ES16-043-03      | ES16-049-03                    |
| 1    | 55      | 35      | ES16-041-01      | ES16-045-01      | ES16-051-01                    |
| 2    | 85      | 35      | ES16-041-02      | ES16-045-02      | ES16-051-02                    |
| 3    | 115     | 35      | ES16-041-03      | ES16-045-03      | ES16-051-03                    |

Doyen MFP

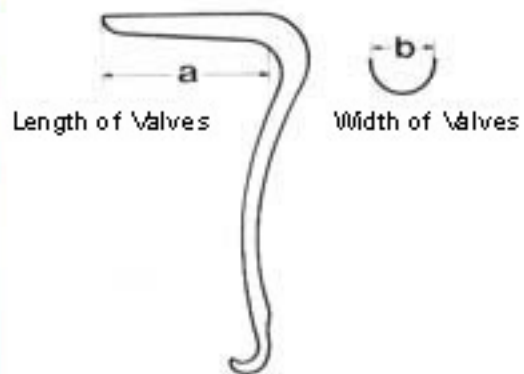
ES16-043-01 = ES16-045-03

Doyen

ES16-037-01 = ES16-041-03

ES16-047-01 = ES16-051-03





Doyen



| Fig. | a<br>mm | b<br>mm |             |
|------|---------|---------|-------------|
| 1    | 55      | 45      | ES16-053-01 |
| 2    | 85      | 45      | ES16-053-02 |
| 3    | 115     | 45      | ES16-053-03 |



1/2

Kristeller

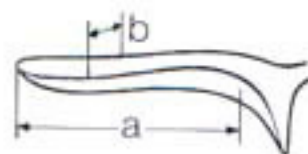
| a<br>mm | b<br>mm | Specula      |
|---------|---------|--------------|
| 70      | 27      | ES 16-055-01 |
| 75      | 30      | ES 16-055-02 |
| 90      | 36      | ES 16-055-03 |



1/2

Kristeller

| a<br>mm | b<br>mm | Retractor    |
|---------|---------|--------------|
| 75      | 23      | ES 16-057-01 |
| 80      | 26      | ES 16-057-02 |
| 59      | 32      | ES 16-057-03 |



1/2

Kristeller  
set of speculum  
and 1 Retractor  
each

|             |
|-------------|
| ES16-059-01 |
| ES16-059-02 |
| ES16-059-03 |



Kristeller 1/2

| a<br>mm | b<br>mm | Specula     |
|---------|---------|-------------|
| 110     | 18      | ES16-061-01 |
| 110     | 21      | ES16-061-02 |
| 110     | 27      | ES16-061-03 |
| 110     | 30      | ES16-061-04 |
| 110     | 36      | ES16-061-05 |



Kristeller 1/2

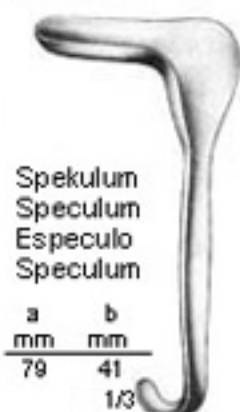
| a<br>mm | b<br>mm | Retractor   |
|---------|---------|-------------|
| 115     | 14      | ES16-063-01 |
| 115     | 17      | ES16-063-02 |
| 115     | 23      | ES16-063-03 |
| 115     | 26      | ES16-063-04 |
| 115     | 32      | ES16-063-05 |



Kristeller  
set of speculum  
and 1 Retractor  
each

1/2

|             |
|-------------|
| ES16-065-01 |
| ES16-065-02 |
| ES16-065-03 |
| ES16-065-04 |
| ES16-065-05 |



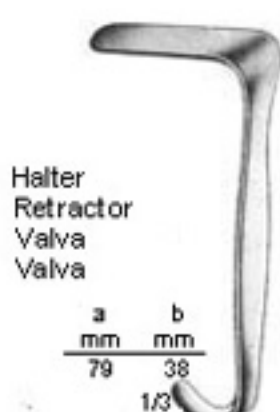
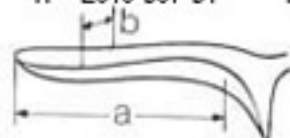
Spekulum  
Speculum  
Especulo  
Speculum

| a<br>mm | b<br>mm |
|---------|---------|
| 79      | 41      |

1/3

Kallmorgen

| a<br>mm | b<br>mm | Speculum    |
|---------|---------|-------------|
| 79      | 41      | ES16-067-01 |



Halter  
Retractor  
Valva  
Valva

| a<br>mm | b<br>mm |
|---------|---------|
| 79      | 38      |

1/3

Kallmorgen

| a<br>mm | b<br>mm | Retractor   |
|---------|---------|-------------|
| 70      | 38      | ES16-068-01 |

| Fig. | a<br>mm | b<br>mm |             |
|------|---------|---------|-------------|
| 1    | 70      | 27      | ES16-070-01 |
| 2    | 75      | 30      | ES16-070-02 |
| 3    | 90      | 36      | ES16-070-03 |

Satz  
Set  
Juego  
Jeu

Kallmorgen  
ES16-069-01  
set



1/3 1 2 3

Sims  
18.5cm/7 1/4"

with fixed weight

with detachable weight of 2,3 lbs



1/3

Sims



1/3

Auvard



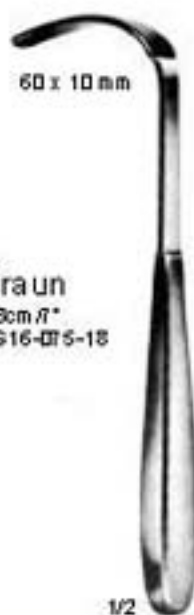
1/3

Auvard

| Fig. | a<br>mm | b<br>mm |                 |
|------|---------|---------|-----------------|
| 1    | 60      | 25+30   | ES16-071-01     |
| 2    | 70      | 30+35   | ES16-071-02     |
| 3    | 80      | 35+40   | ES16-071-03     |
|      |         |         | Set ES16-071-00 |

| a<br>mm | b<br>mm |             |
|---------|---------|-------------|
| 75      | 40      | ES16-072-00 |

| a<br>mm | b<br>mm |             |
|---------|---------|-------------|
| 83      | 38      | ES16-073-00 |



Braun  
18cm / 7"  
ES16-075-18

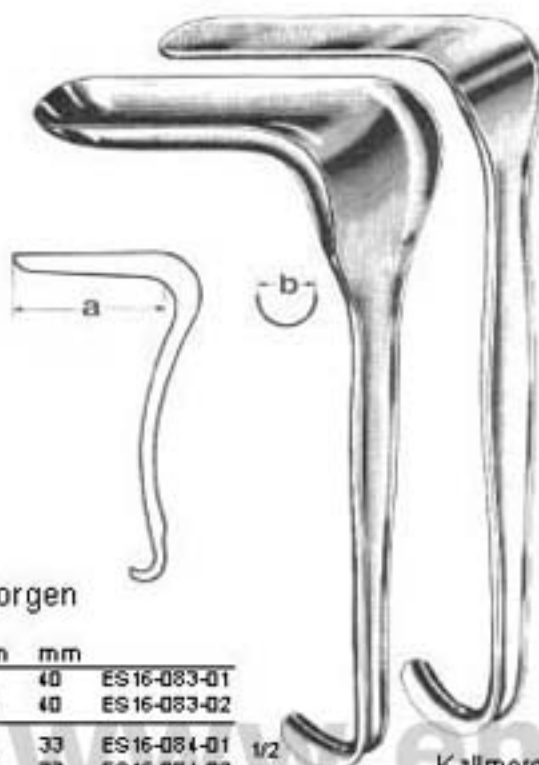


Braun  
18cm / 7"  
ES16-077-18



Ulrich  
19.5cm / 7 1/2"  
ES16-079-19

19.5cm / 7 1/2"  
ES16-081-19



Kallmorgen

| Fig. | mm | mm |             |
|------|----|----|-------------|
| 1    | 70 | 40 | ES16-083-01 |
| 2    | 90 | 40 | ES16-083-02 |
| 1    | 70 | 33 | ES16-084-01 |
| 2    | 90 | 33 | ES16-084-02 |

1/2

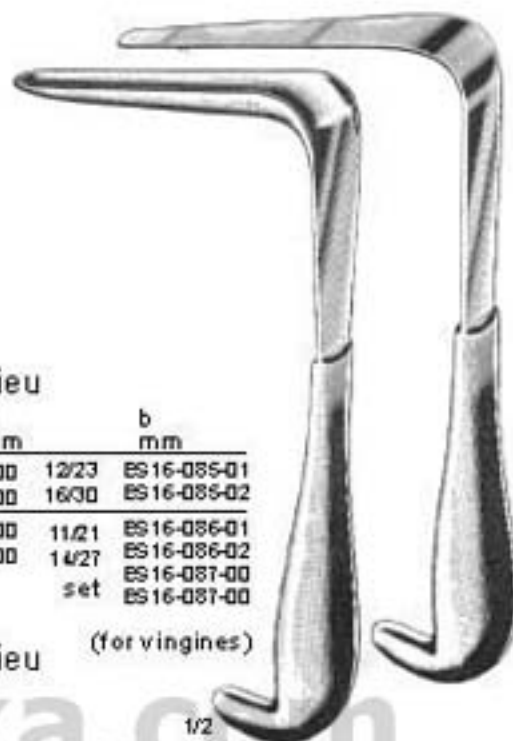
Kallmorgen

Mathieu

| Fig. | a mm | b mm  |                 |
|------|------|-------|-----------------|
| 1*   | 100  | 12/23 | ES16-085-01     |
| 2    | 100  | 16/30 | ES16-085-02     |
| 1*   | 100  | 11/21 | ES16-086-01     |
| 2    | 100  | 14/27 | ES16-086-02     |
|      |      |       | ES16-087-00     |
|      |      |       | set ES16-087-00 |

Mathieu

(for vininges)



1/2



Breisky

| a<br>mm | b<br>mm |             |
|---------|---------|-------------|
| 100     | 20      | ES16-088-20 |
| 100     | 25      | ES16-088-25 |
| 100     | 30      | ES16-088-30 |
| 100     | 35      | ES16-088-35 |
| 100     | 40      | ES16-088-40 |
| 100     | 20      | ES16-089-20 |
| 100     | 25      | ES16-089-25 |
| 100     | 30      | ES16-089-30 |
| 100     | 35      | ES16-089-35 |
| 100     | 40      | ES16-089-40 |
| 100     | 40      | ES16-090-40 |

1/2



Landau

| a<br>mm | b<br>mm |             |
|---------|---------|-------------|
| 100     | 28      | ES16-091-01 |
| 100     | 38      | ES16-091-01 |

85 x 32mm



1/2

Olshauesn

21cm / 8 1/4"  
ES16-097-21.



95 x 45mm

1/2

Dunkel

ES16-093-22



70 x 30mm

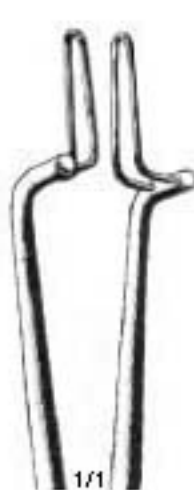
1/2

Doyen

24cm / 9 3/4"  
ES16-095-24



Friedman  
10cm / 4"  
ES16-101-10



1/1

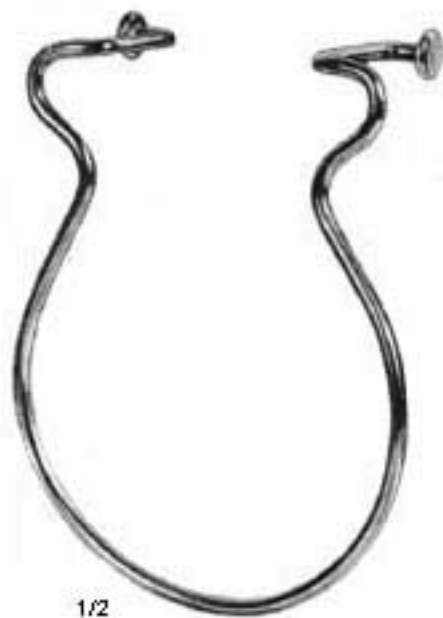
1/2



1/2



Kogan  
24cm / 9 1/2"  
ES16-107-24

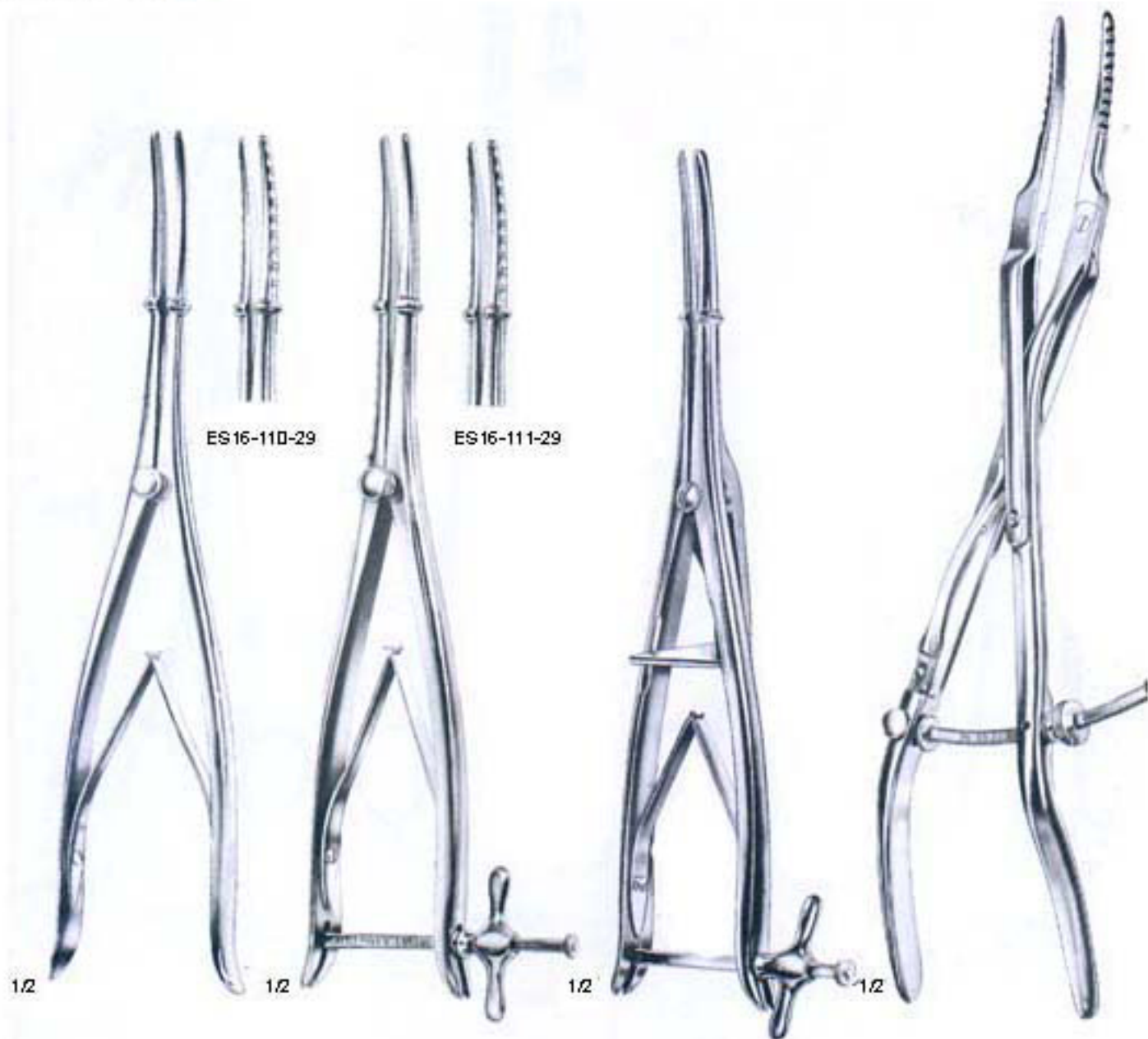


1/2

Stieglitz  
ES16-103-12-12x12 cm / 4 3/4 x 4 3/4  
ES16-103-14-14x14 cm / 4 1/2 x 4 1/2

Kogan  
24cm / 9 1/2"  
ES16-105-24





ES 16-110-29

ES 16-111-29

1/2

1/2

1/2

1/2

Wylie

29cm / 11 1/2"  
ES 16-109-29

Wylie

29cm / 11 1/2"  
ES 16-115-29

Sims

29cm / 11 1/2"  
ES 16-117-29

Goodell

34cm / 13 1/2"  
ES 16-119-24





Thoms-Gaylor

ES 16-129-22 - 22cm/8 1/2"

ES 16-129-24 - 24cm/9 1/2"



Schubert

26cm/10 1/4"

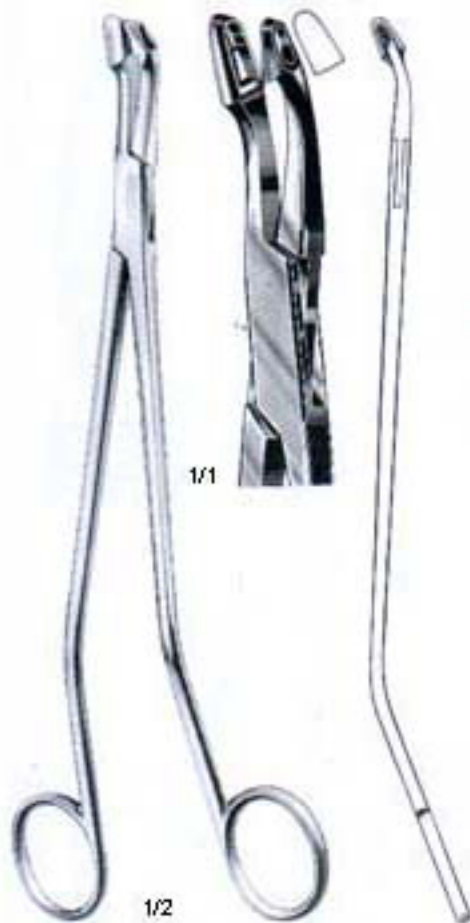
ES 16-131-26



Van Doren

25cm/10"

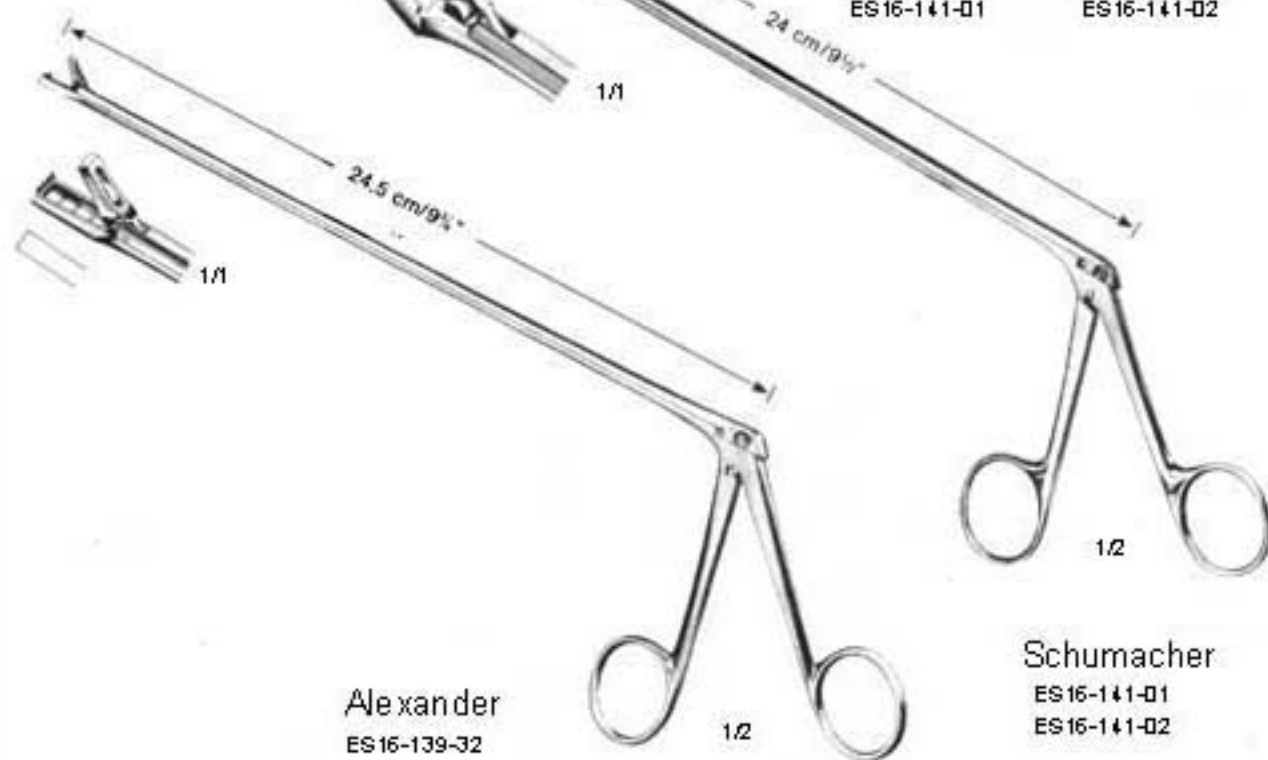
ES 16-133-25

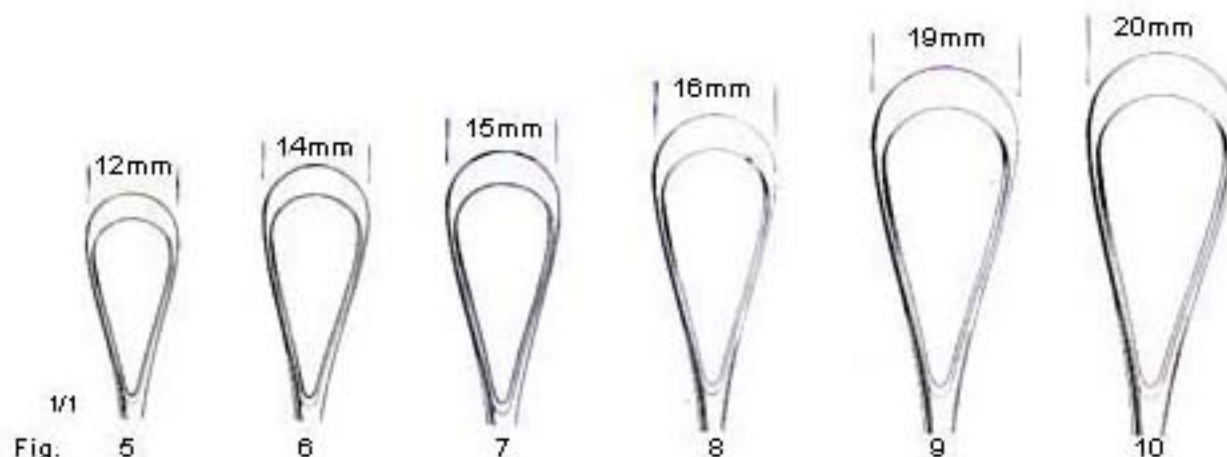
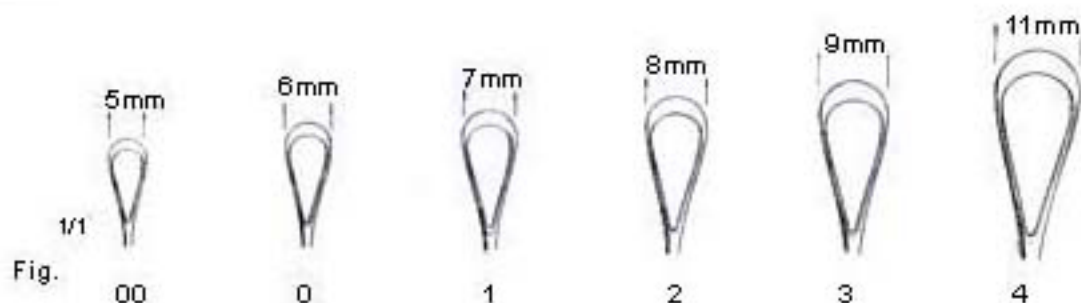


Van Doren  
25cm / 10"  
ES16-135-25



Alexander  
28cm / 11"  
ES16-137-28





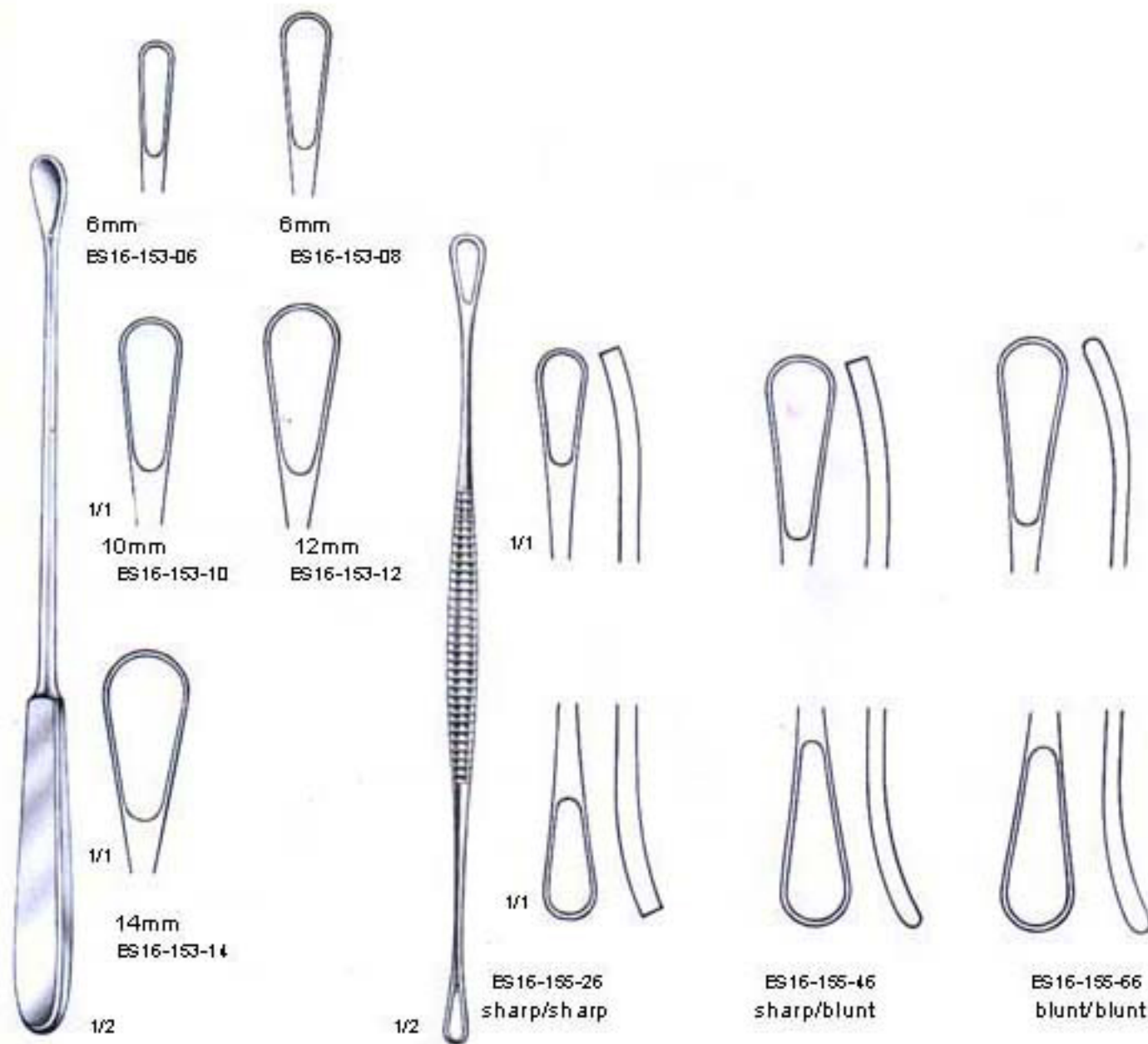
**Recamier**  
max 31cm / 12 1/2"

| rigid       | Malleable   | Fig. | rigid       | Malleable   |
|-------------|-------------|------|-------------|-------------|
| ES16-145-05 | ES16-147-05 | 00   | ES16-149-05 | ES16-151-05 |
| ES16-145-06 | ES16-147-06 | 0    | ES16-149-06 | ES16-151-06 |
| ES16-145-07 | ES16-147-07 | 1    | ES16-149-07 | ES16-151-07 |
| ES16-145-08 | ES16-147-08 | 2    | ES16-149-08 | ES16-151-08 |
| ES16-145-09 | ES16-147-09 | 3    | ES16-149-09 | ES16-151-09 |
| ES16-145-11 | ES16-147-11 | 4    | ES16-149-11 | ES16-151-11 |
| ES16-145-12 | ES16-147-12 | 5    | ES16-149-12 | ES16-151-12 |
| ES16-145-14 | ES16-147-14 | 6    | ES16-149-14 | ES16-151-14 |
| ES16-145-15 | ES16-147-15 | 7    | ES16-149-15 | ES16-151-15 |
| ES16-145-16 | ES16-147-16 | 8    | ES16-149-16 | ES16-151-16 |
| ES16-145-19 | ES16-147-19 | 9    | ES16-149-19 | ES16-151-19 |
| ES16-145-20 | ES16-147-20 | 10   | ES16-149-20 | ES16-151-20 |

Sharp

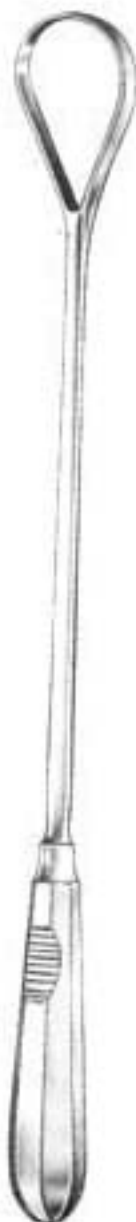
blunt





Gourdet  
28cm/11"

Blake(Zeweifel)  
25cm/10 1/4"



Recamier-Bumm

1/1

Fig.11  
21mm

Fig.12  
23mm

Fig.13  
25mm

1/1

Fig.14  
30mm

Fig.15  
35mm

Fig.16  
40mm

31cm / 12 1/2"

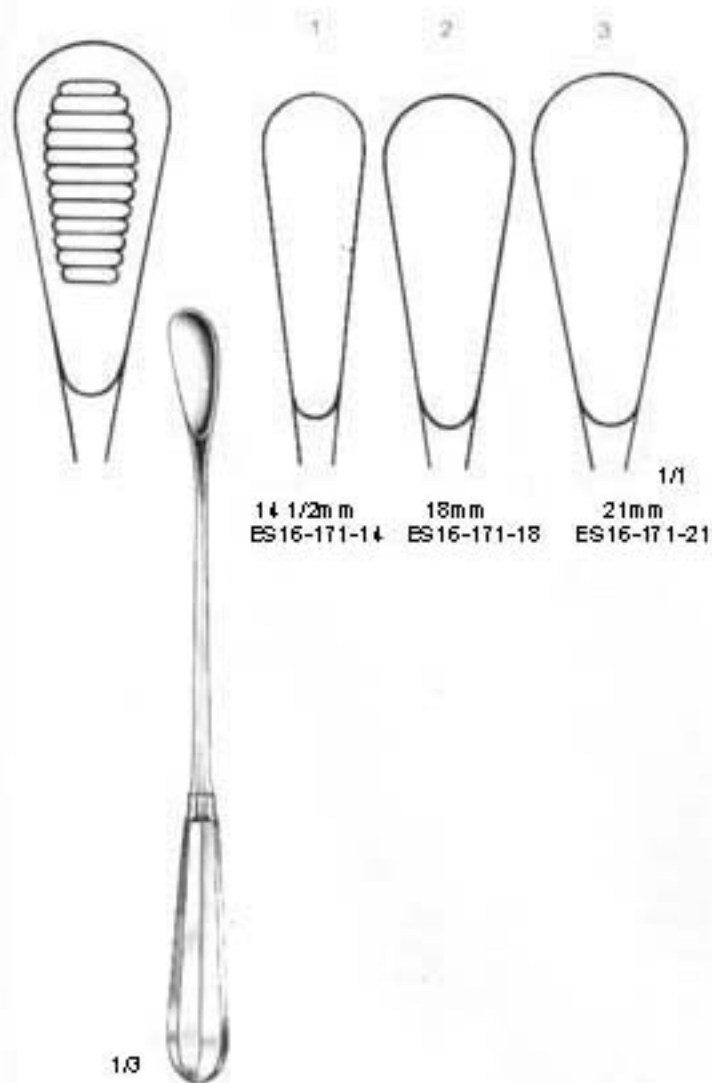
| reg'd       | maleable    |    | reg'd       | maleable    |
|-------------|-------------|----|-------------|-------------|
| ES16-157-21 | ES16-159-21 | 11 | ES16-159-21 | ES16-161-21 |
| ES16-157-23 | ES16-159-23 | 12 | ES16-159-23 | ES16-161-23 |

34cm / 13 1/2"

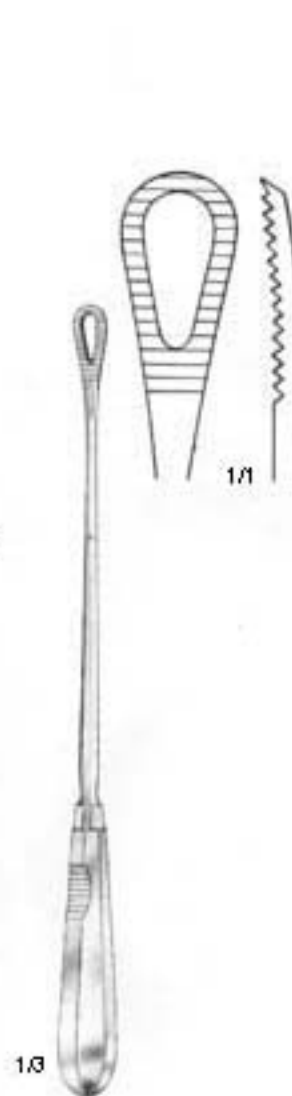
| Fig         |             |    |             |
|-------------|-------------|----|-------------|
| ES16-163-25 | ES16-166-25 | 13 | ES16-167-25 |
| ES16-163-30 | ES16-166-30 | 14 | ES16-167-30 |
| ES16-163-35 | ES16-166-35 | 15 | ES16-167-35 |
| ES16-163-40 | ES16-166-40 | 16 | ES16-167-40 |

Sharp

blunt



Cuzzi  
30cm/12"



Pestalozza  
30cm/12"  
ES16-173-20



Walilich  
42cm/16 1/2"  
ES16-175-42



1/2



Fig.1



Fig.2



Fig.3



Fig.4



Fig.5



Fig.6

Sims  
26cm/10 1/4"

| rigid        | malleable   | Fig. | rigid        | malleable   |
|--------------|-------------|------|--------------|-------------|
| ES16-177-51  | ES16-179-51 | 1    | ES16-181-51  | ES16-183-51 |
| ES16-177-52  | ES16-179-52 | 2    | ES16-181-52  | ES16-183-52 |
| ES16-177-53  | ES16-179-53 | 3    | ES16-181-53  | ES16-183-53 |
| ES16-177-54  | ES16-179-54 | 4    | ES16-181-54  | ES16-183-54 |
| ES16-177-55  | ES16-179-55 | 5    | ES16-181-55  | ES16-183-55 |
| ES16-177-56  | ES16-179-56 | 6    | ES16-181-56  | ES16-183-56 |
| <u>sharp</u> |             |      | <u>blunt</u> |             |



1/3

Simon  
25cm/10"

| Fig. | Sharp, rigid |
|------|--------------|
| 1    | ES16-205-01  |
| 2    | ES16-205-02  |
| 3    | ES16-205-03  |
| 4    | ES16-205-04  |
| 5    | ES16-205-05  |
| 6    | ES16-205-06  |



1/3

Schroeder  
30cm/12"

| Fig. | Sharp, rigid |
|------|--------------|
| 1    | ES16-207-01  |
| 2    | ES16-207-02  |
| 3    | ES16-207-03  |
| 4    | ES16-207-04  |
| 5    | ES16-207-05  |
| 6    | ES16-207-06  |



Randall  
24cm/9 1/2"  
ES 16-209-24  
4mm



Novak  
23cm/9"  
ES 16-211-23  
4mm



Kevorkian  
30cm/12"  
ES 16-213-30



Mod. Muenchen  
27cm/10 1/2"  
ES 16-215-27





1/1

1/1

**Blake**  
27cm / 10 1/2"  
ES16-217-27

1/2

**Bozemann-Fritsch**

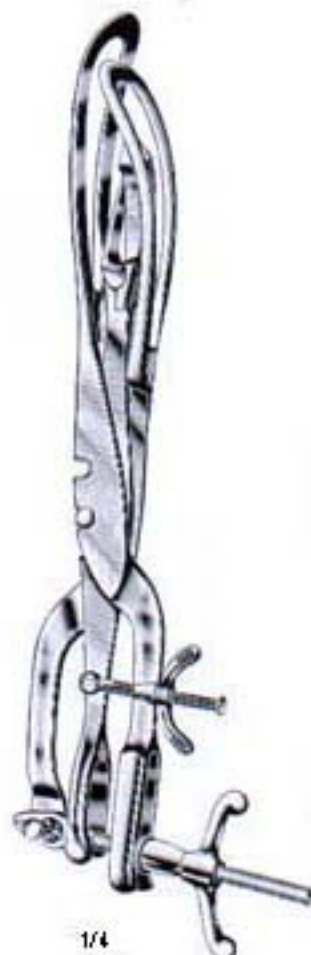
| mm |             |
|----|-------------|
| 8  | ES16-219-08 |
| 10 | ES16-219-10 |
| 12 | ES16-219-12 |



1/4



**Braun**  
30cm / 12"  
ES16-221-30



1/4

**Braun**  
42cm / 16 1/2"  
ES16-221-24



1/2

**Kane**

8.5cm/3 1/2"  
ES 16-223-08



1/2

**Collin**

9cm/3 1/2"  
ES 16-225-09



1/2

**Beacham**

26cm/10 1/4"  
ES 16-227-26



1/3

**Corey (Greenhalg)**

24cm/9 1/2"  
ES 16-229-24



1/3

**Naegele**

25cm/10"  
ES 16-231-25



1/3

**Smellie**

25cm/10"  
ES 16-235-25



**Barraquer (Colibri)**

| Children     | Adults       |
|--------------|--------------|
| 3cm / 1 1/2" | 4cm / 1 1/2" |
| ES 17-001-03 | ES 17-001-04 |



1/2  
**Bowman**

|              |
|--------------|
| 7cm / 2 3/4" |
| ES 17-003-07 |



1/2  
**Critchett**

|              |
|--------------|
| 7cm / 2 3/4" |
| ES 17-005-07 |



**Graefe**

| Children     | Adults       |
|--------------|--------------|
| 7cm / 2 3/4" | 9cm / 3 1/2" |
| ES 17-007-07 | ES 17-007-09 |



1/2  
**Pley**

|              |
|--------------|
| 6cm / 2 1/2" |
| ES 17-009-06 |



1/2  
**Knapp-Clark**

|              |
|--------------|
| 8cm / 3 1/4" |
| ES 17-011-08 |



**Weiss**

| Children     | Adults       |
|--------------|--------------|
| 7cm / 2 3/4" | 9cm / 2 2/3" |
| ES 17-013-07 | ES 17-013-09 |



**Weiss**

| Children     | Adults       |
|--------------|--------------|
| 7cm / 2 3/4" | 9cm / 3 1/2" |
| ES 17-015-07 | ES 17-015-09 |



1/2  
**Weiss**

|              |
|--------------|
| 8cm / 3 1/4" |
| ES 17-017-08 |



**Williams**

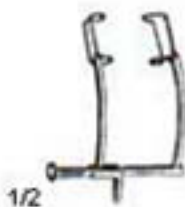
| Children     | Adults       |
|--------------|--------------|
| 7cm / 2 3/4" | 8cm / 3 1/4" |
| ES 17-019-07 | ES 17-019-08 |



1/2

**Lister-Burch**

|              |
|--------------|
| 8cm / 3 1/4" |
| ES 17-021-08 |



1/2

**Murdock**

|              |
|--------------|
| 5cm / 2"     |
| ES 17-023-05 |



1/2

**Cook**

| Children     | Adults       |
|--------------|--------------|
| 4cm / 1 1/2" | 5cm / 2"     |
| ES 17-025-04 | ES 17-025-05 |



1/2

**Mellinger**

| Children     | Adults       |
|--------------|--------------|
| 5cm / 2"     | 7cm / 2 3/4" |
| ES 17-027-05 | ES 17-027-07 |



**Mellinger-Axenfeld**

7cm/2 3/4"

ES17-029-07



**Mellinger-Axenfeld**

7cm/2 3/4"

ES17-031-07



**Mellinger Beard**

Children

Adults

5cm/2"

7cm/2 3/4"

ES17-033-05

ES17-033-07



**Castroviejo**

8cm/3 1/4"

ES17-035-08

Long Loops, Left Expressor



**Hess**

13cm/5"

ES17-037-13



**Troutman**

13cm/5"

ES17-039-13



**Lewis**

14cm/5 1/2"

ES17-041-14



**Lewis**

14cm/5 1/2"

ES17-043-14



**Weber**

13cm/5"

ES17-045-13



**Snellen**

13cm/5"

ES17-047-13



**Ait**

13cm/5"

ES17-051-1

Smooth  
ES17-049-13



**Graefe**

13cm/5"

ES17-053-13



**Graefe**

13.5cm/5 1/4"

ES17-055-13



**Daviel**

12.5cm/5"

ES17-057-12



**Daviel**

12.5cm/5 1/2"

ES17-059-12



**Knapp**

14.5cm/5 1/2"

ES17-061-14



**Wells**

20cm/8"

ES17-063-20

Protector

1/2

1/2

## Various Spatulas



1/1

## Iris Spatulas



1/1

**Wecker**  
13cm/5"  
ES 17-065-13



**Wecker**  
13cm/5"  
ES 17-067-13



**Stock**  
13cm/5"  
ES 17-069-13



**Culler**  
13cm/5"  
ES 17-071-13



**Suker**  
14cm/5 1/2"  
ES 17-073-13

## Cyclodialysis Spatulas

### Width of spatula

0.5 mm

1.0 mm

ES 17-081-08

ES 17-083-08

8 mm

ES 17-081-10

ES 17-083-10

10 mm

ES 17-081-12

ES 17-083-12

12 mm

ES 17-081-13

ES 17-083-13

14 mm

ES 17-081-14

ES 17-083-14

16 mm

ES 17-081-15

ES 17-083-15

18 mm

1.2x12 mm



1/1

**Elsching**  
13cm/5"  
ES 17-075-13

1.2x10 mm



**Castroviejo**  
13cm/5"  
ES 17-077-13

1.5x15 mm



**Castroviejo**  
14cm/5 1/2"  
ES 17-079-14



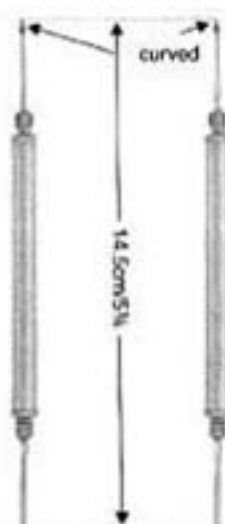
1/1

**Castroviejo-Barraquer**



1/1

**Castroviejo-Barraquer**



Dix

12cm / 5 3/4"  
ES 17-088-12

Dix

12cm / 5 3/4"  
ES 17-088-12

curved



ES 17-088-76  
Needle, only



ES 17-088-86  
Spud, only



ES 17-088-96  
Gouge, only



Cystotomes

1/1

Graefe

13cm / 5"  
ES 17-089-01

left



Graefe

13cm / 5"  
ES 17-089-02

right



Graefe

13cm / 5"  
ES 17-089-03

maleable



Becker

13cm / 5"  
ES 17-089-63



Chalazion Curettes,



**Meyhoefer**  
 0.5 mm ES17-113-05   1.0 mm ES17-113-10   1.5 mm ES17-113-15   1.8 mm ES17-113-18   2.0 mm ES17-113-20   2.5 mm ES17-113-25   3.5 mm ES17-113-35   4.0 mm ES17-113-40   4.5 mm ES17-113-45



**Hebra**  
 1.0 mm ES17-115-10   2.0 mm ES17-115-20   2.5 mm ES17-115-25   3.0 mm ES17-115-30   3.5 mm ES17-115-35



**Bunge**  
 ES17-117-01   ES17-117-02   ES17-117-03   ES17-117-04   ES17-117-05



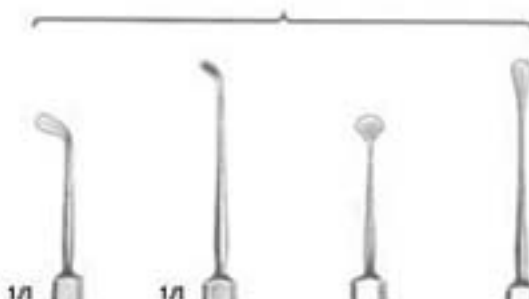
**Azenfeld** 13cm.6" ES17-119-03  
**Lang** 13cm.6" ES17-121-13

## Corneal Dissector



Green  
13cm/5"  
ES 17-123-13

## Corneal Scarifiers



Kuhnt  
12m/4 3/4"  
ES 17-125-12

Kuhnt  
13cm/5"  
ES 17-127-13

Kuhnt  
12m/4 3/4"  
ES 17-129-12

Kuhnt  
13cm/5"  
ES 17-131-13

## Corneal Knife



Kuhnt  
12m/4 3/4"  
ES 17-133-12

## Foreign Body Instruments



12m/4 3/4"  
ES 17-136-12



12m/4 3/4"  
ES 17-137-12

## Paracentesis Needle



Desamrres  
13cm/5"  
ES 17-139-13



Desamrres  
13cm/5"  
ES 17-141-13

## Cataract Needle



13cm/5"  
ES 17-143-13



13cm/5"  
ES 17-145-13

## Discission Needle

## Discisio



Schweiz.mod.  
13cm/5"  
ES 17-147-13



La Force  
12m/4 3/4"  
ES 17-149-12



Meyer  
12m/4 3/4"  
ES 17-151-12



Nicati  
12m/4 3/4"  
ES 17-153-12



Bowman  
12m/4 3/4"  
ES 17-155-12



Bowman  
12m/4 3/4"  
ES 17-157-12



Schweigger  
12m/4 3/4"  
ES 17-159-12

Hooks for excision of the lachrymal gland



1/1

**Fink**  
13m.6"  
ES17-161-13



1/1

**Knap-Rollet**  
13m.6"  
ES17-163-12

Flexible



1/1

**Knap-Rollet**  
13m.6"  
ES17-163-03



1/1

**Knap-Rollet**  
13m.6"  
ES17-163-04



Sharp  
Blunt

**Axenfeld**  
14m.6 1/2"  
ES17-169-01  
ES17-169-02



Sharp  
Blunt

**Axenfeld**  
14m.6 1/2"  
ES17-171-01  
ES17-171-02



Strabismus Hooks



1/1

**Stevens**  
ES17-175-14



1/1

**Stevens**  
12m.4 1/2"  
ES17-175-12



1/1

**Jameson**  
13m.6"  
ES17-177-13



1/1

**Graefe**  
13m.6"  
ES17-179-13



1/1

**Graefe**  
12m.6 1/2"  
ES17-181-14



1/1

**Graefe**  
15m.6"  
ES17-181-15

Extraction Hook for intracapsular cataracts



1/1

**Jaeger**  
13m.6"  
ES17-183-01



1/1

**Jaeger**  
13m.6"  
ES17-183-02



left



1/1

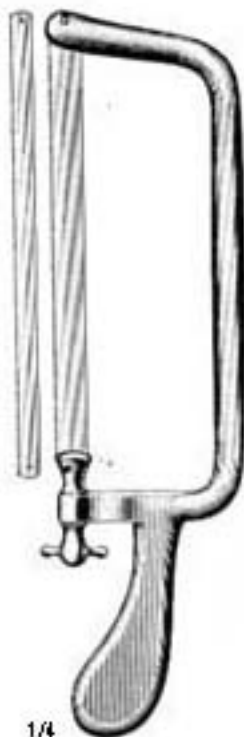
**Arruga**  
13.5m.6 1/4"  
ES17-187-01



right

1/1

**Arruga**  
13.5m.6 1/4"  
ES17-187-02



Charrire  
35cm / 14"  
ES18-101-35

1/4



1/8

Langenbeck  
23cm / 9"  
ES18-101-23



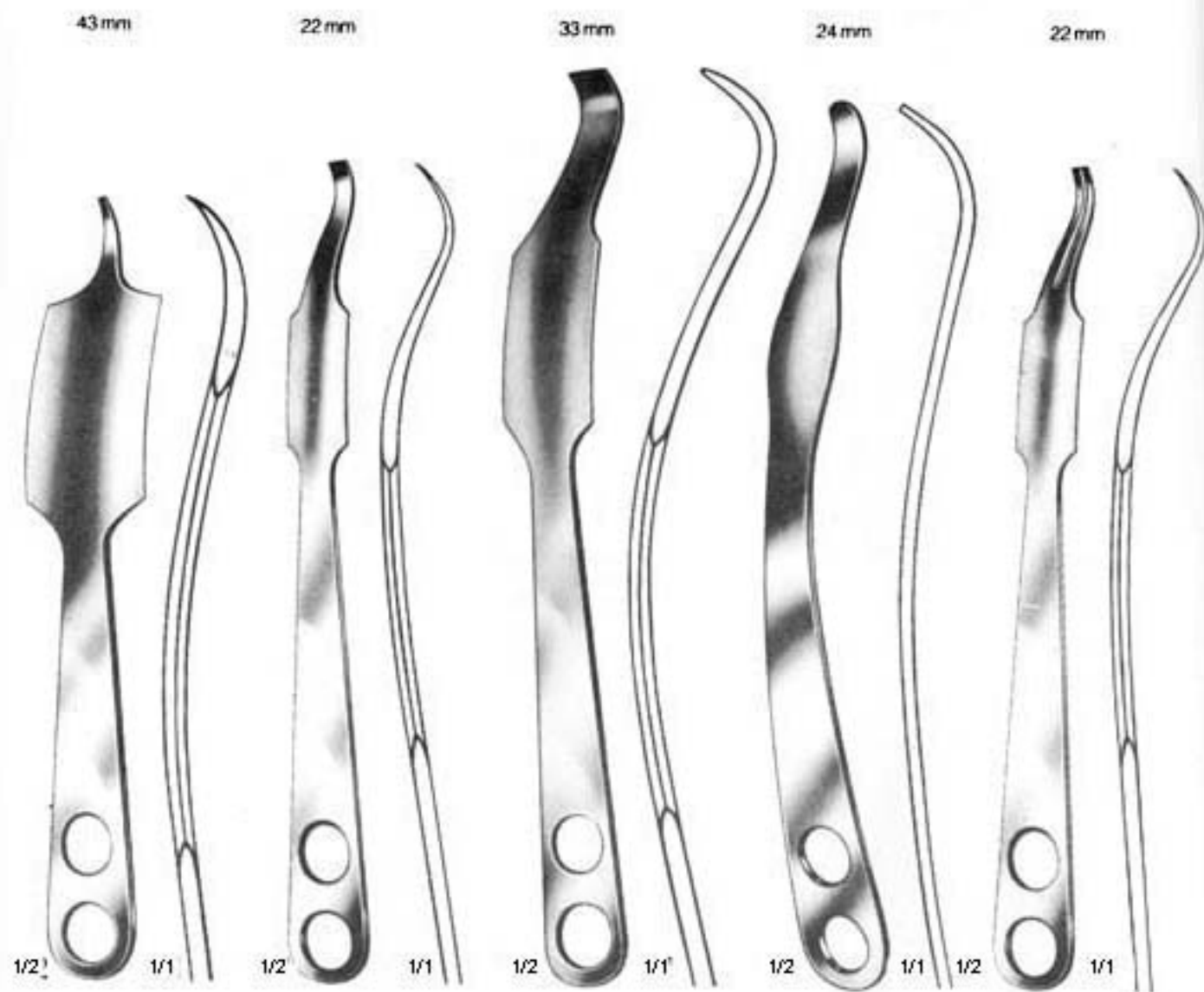
Charrire

| cm | in     |             |
|----|--------|-------------|
| 27 | 10 1/2 | ES18-107-27 |
| 30 | 12     | ES18-107-12 |



Satterlee  
31cm / 12 1/4"  
ES18-109-31

1/4



Hohmann  
24.5cm / 9 1/4"  
ES 18-111-24

Hohmann  
26cm / 10 1/4"  
ES 18-113-25

Hohmann  
28cm / 11"  
ES 18-113-28

Hohmann  
26.5cm / 10 1/2"  
ES 18-115-26

Lange-Hohmann  
26cm / 10 1/4"  
ES 18-117-25

8mm

18mm

43mm

70mm



Hohmann  
22cm / 1/2"  
ES18-119-26

Hohmann  
24cm / 9 1/2"  
ES18-121-24

Hohmann  
24cm / 9 1/2"  
ES18-123-24

Hohmann  
24cm / 9 1/2"  
ES18-125-24



4.5mm



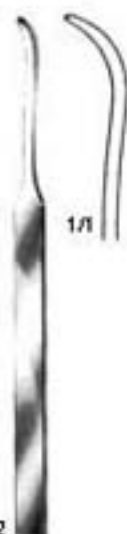
1/2

Koing

15cm / 6"

ES 18-129-15

4.5mm



1/2

Koing

15cm / 6"

ES 18-131-15

2.8mm



1/2

14cm / 5 1/2"

ES 18-133-14

9mm



1/2

15cm / 6"

ES 18-135-15

7mm

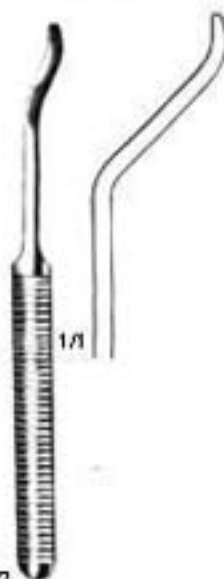


1/2

15cm / 6"

ES 18-137-15

5.5mm



1/2

16cm / 6 1/4"

ES 18-139-16

7.5mm



1/2

15cm / 6"

ES 18-141-15

6mm

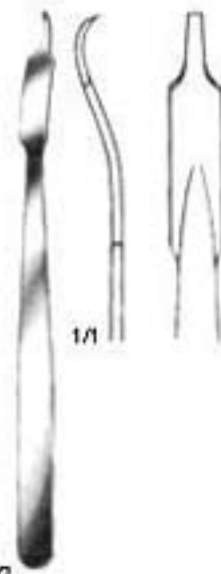


1/2

16cm / 6 1/4"

ES 18-143-16

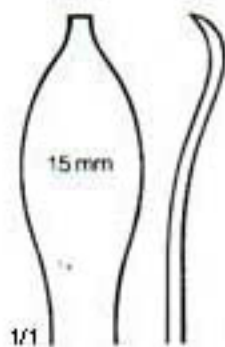
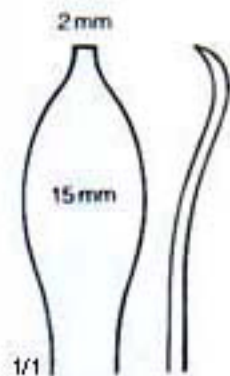
8mm



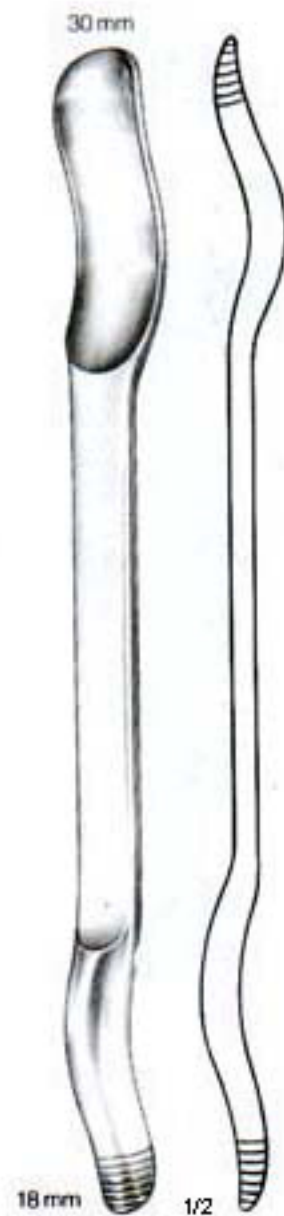
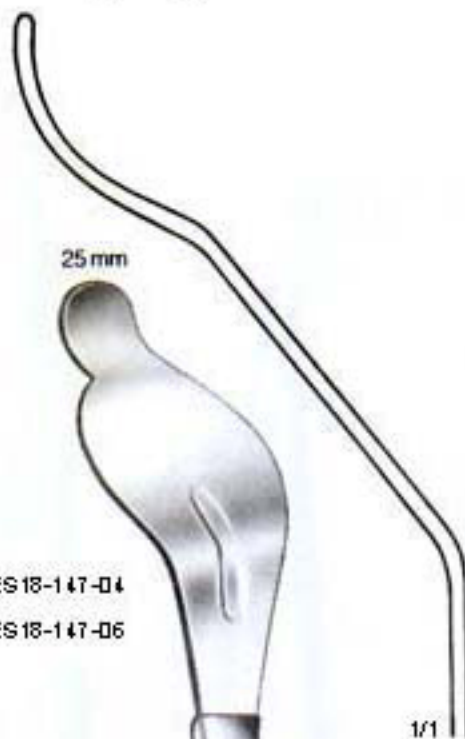
1/2

16cm / 6 1/4"

ES 18-145-16



25mm  
ES18-147-04  
ES18-147-06

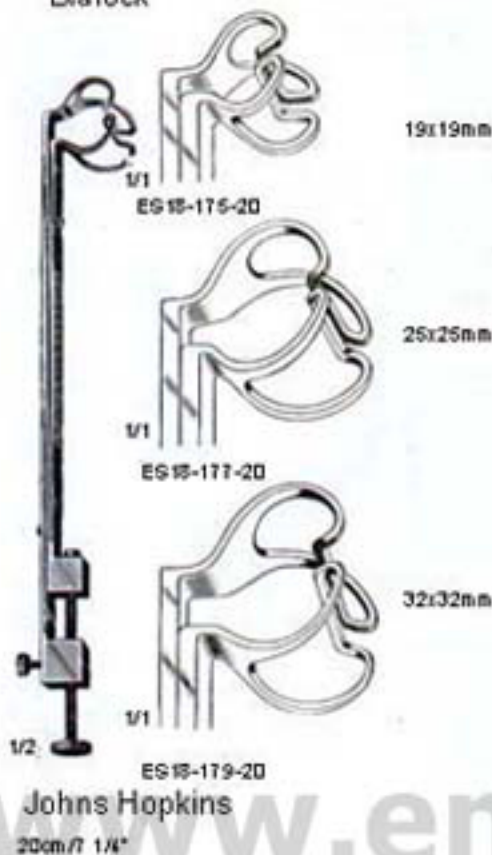
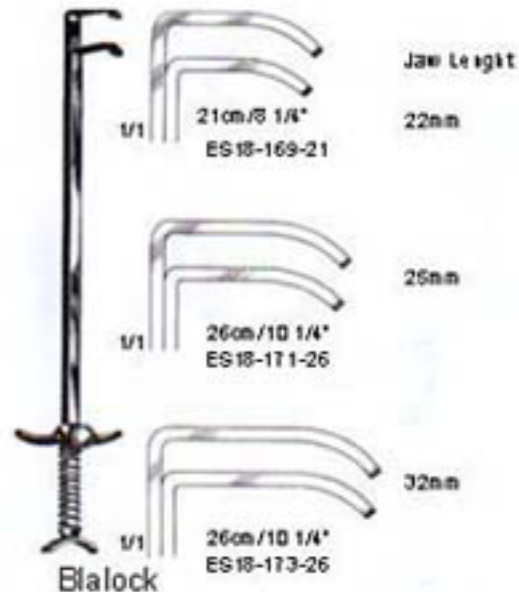


Bonnett(Tibba)  
24.5cm / 9 3/4"

Murphy-Lane  
29.5cm / 11 1/2"  
ES18-153-29

12cm / 4 3/4"  
ES18-149-12

16cm / 6 1/4"  
ES18-151-16

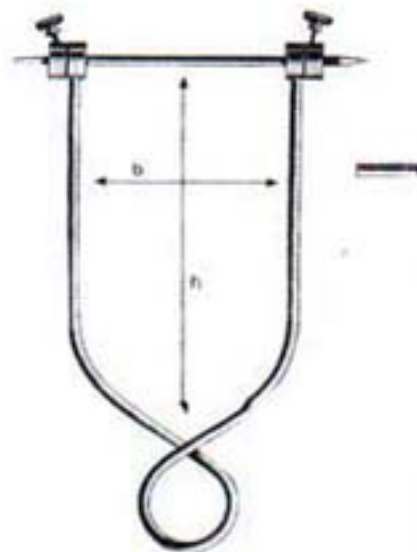


20cm/7 1/4"

20cm/7 1/4"



|             | cm    | in             |
|-------------|-------|----------------|
| ES18-190-18 | 18x10 | 7x4            |
| ES18-190-27 | 27x10 | 10 1/2"x6 1/4" |



|             | cm l x b | in          |
|-------------|----------|-------------|
| ES18-192-09 | 16x09    | 6 1/4x3 1/2 |
| ES18-192-11 | 21x11    | 8 1/4x3 1/2 |
| ES18-192-15 | 21x15    | 8x6         |



ES18-195-18



Kirschner

|             | cm        | in          |
|-------------|-----------|-------------|
| ES18-197-01 | 9.5x7     | 3 3/4x2 3/4 |
| ES18-197-02 | 10.5x10.5 | 4 1/4x4 1/4 |
| ES18-197-03 | 12x12     | 4 3/4x4 3/4 |
| ES18-197-04 | 15.5x15.5 | 6x6         |
| ES18-197-05 | 20x15.5   | 8x6         |



Kirschner

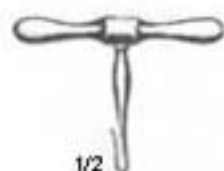
|                                      |
|--------------------------------------|
| ES18-199-01=18.5cm x 7 1/4" (Ø=40mm) |
| ES18-199-02=27cm x 10 1/2" (Ø=20mm)  |



1/2

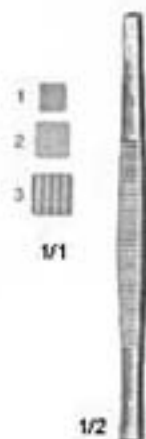
**Martel**  
33cm/13"

ES19-001-33



1/2

ES19-002-01



1  
2  
3  
1/1

1/2

**Passow**  
12cm/4 3/4"

ES19-003-12 Fig. 1  
ES19-004-12 Fig. 1  
ES19-005-12 Fig. 1



1/2

**De Vibiss**

21cm/8 1/2"

ES19-006-21



1/2

**Dahlgren**

20cm/8"

ES19-007-20



1/2  
Crutchfield  
ES19-008-01



1/2  
Crutchfield  
ES19-009-02



ES19-010-04 ES19-010-05  
Cervical Traction Tong, drill point

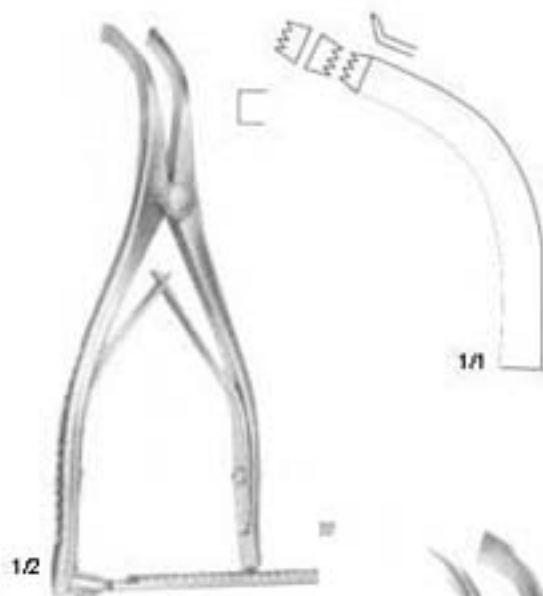
ES19-008-01 Cervical Traction Tong, small size  
ES19-009-02 Cervical Traction Tong, medium size



Cervical Traction Tong, for extension of the  
Neck vertebrae, Large size

1/2  
ES19-011-01

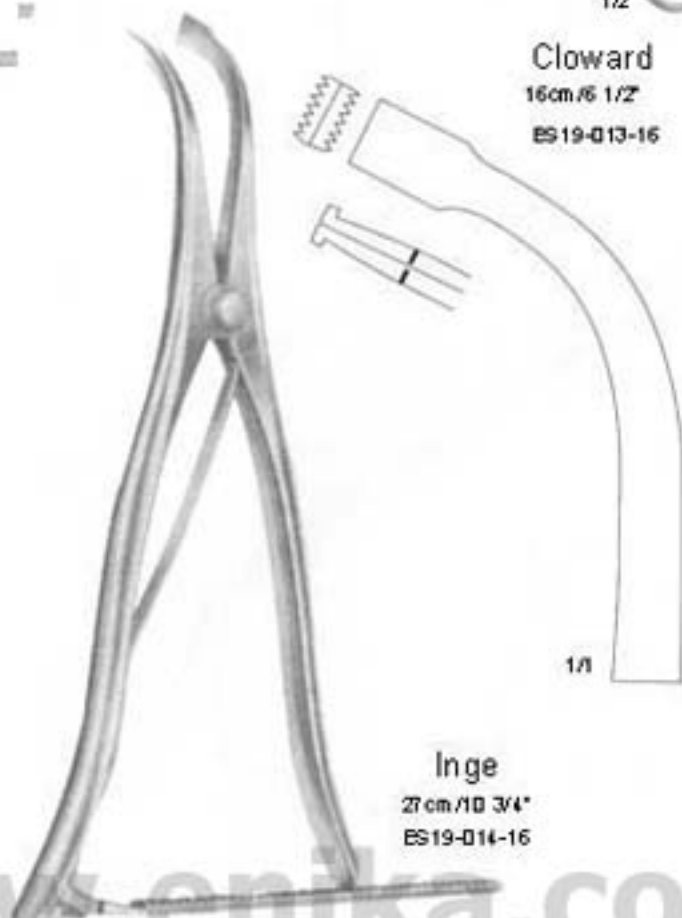




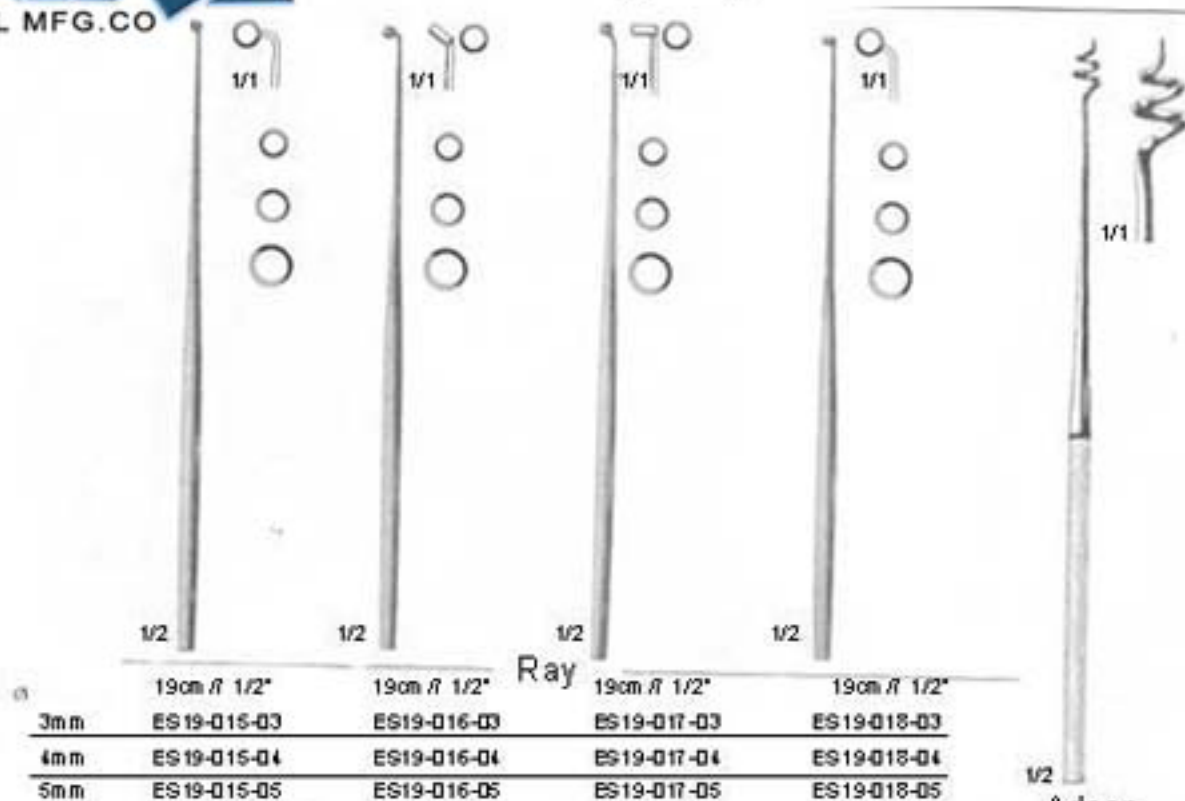
**Inge**  
16.5cm / 6 1/2"  
ES19-021-16



**Cloward**  
16cm / 6 1/2"  
ES19-013-16



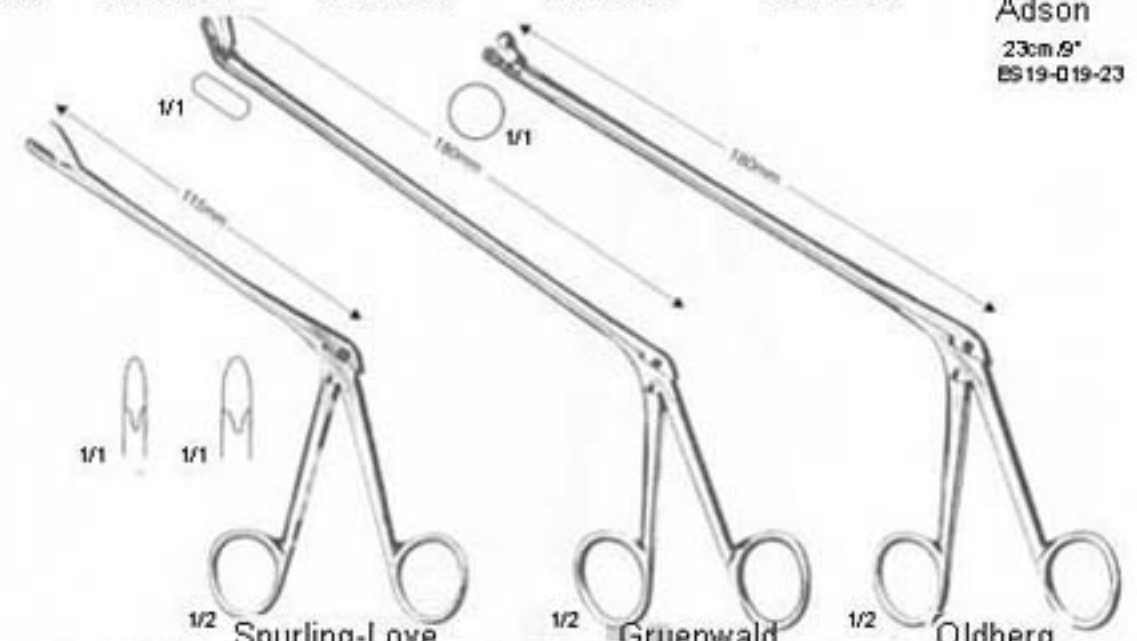
**Inge**  
27cm / 10 3/4"  
ES19-014-16



|     | 19cm / 7 1/2" | 19cm / 7 1/2" | 19cm / 7 1/2" | 19cm / 7 1/2" |
|-----|---------------|---------------|---------------|---------------|
| 3mm | ES19-015-03   | ES19-016-03   | ES19-017-03   | ES19-018-03   |
| 4mm | ES19-015-04   | ES19-016-04   | ES19-017-04   | ES19-018-04   |
| 5mm | ES19-015-05   | ES19-016-05   | ES19-017-05   | ES19-018-05   |



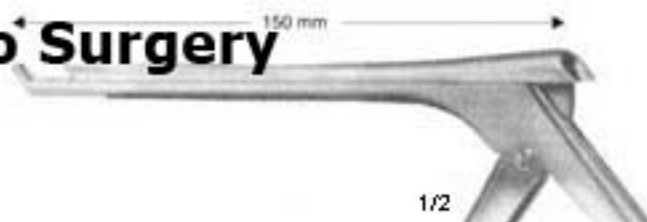
**Adson**  
23cm / 9"  
ES19-019-23



**Spurling-Love**  
19.5cm / 7 1/2"  
ES19-020-25

**Gruenwald**  
25cm / 10"  
ES19-021-19

**Oldberg**  
25cm / 10"  
ES19-022-25



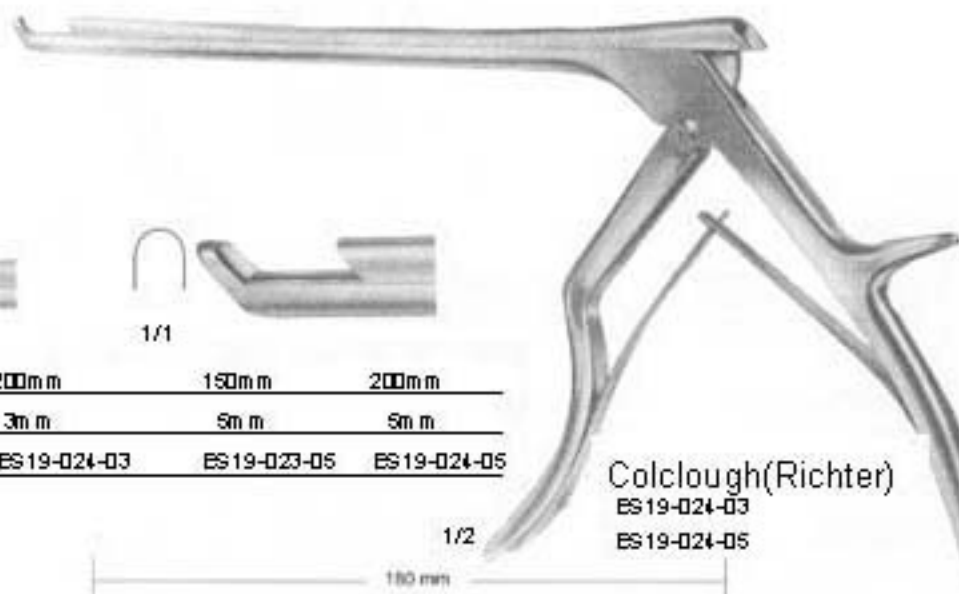
1/2

Colclough(Richter)

ES19-023-03

ES19-023-05

200 mm



1/2

Colclough(Richter)

ES19-024-03

ES19-024-05

150 mm

|                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                 |  |  |  |  |
|                 | 1/1                                                                               |                                                                                   | 1/1                                                                               |                                                                                   |
| Length of shaft | 150mm                                                                             | 200mm                                                                             | 150mm                                                                             | 200mm                                                                             |
| Width of bit    | 3mm                                                                               | 3mm                                                                               | 5mm                                                                               | 5mm                                                                               |
| Number          | ES19-023-03                                                                       | ES19-024-03                                                                       | ES19-023-05                                                                       | ES19-024-05                                                                       |

|              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1/1          |  |  |  |  |
|              | 1/1                                                                                 | 1/1                                                                                 | 1/1                                                                                 |                                                                                     |
| Width of bit | 2mm                                                                                 | 3mm                                                                                 | 5mm                                                                                 |                                                                                     |
|              | ES19-025-02                                                                         | ES19-025-03                                                                         | ES19-025-05                                                                         |                                                                                     |

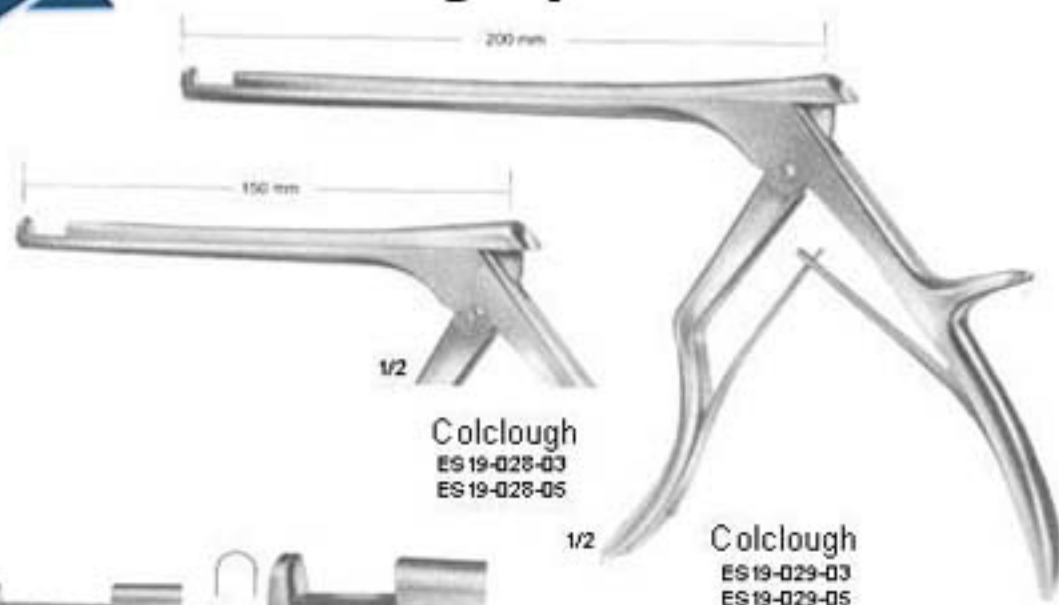
|              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1/1          |  |  |  |  |
|              | 1/1                                                                                 | 1/1                                                                                 | 1/1                                                                                 |                                                                                     |
| Width of bit | 2mm                                                                                 | 3mm                                                                                 | 5mm                                                                                 |                                                                                     |
|              | ES19-026-02                                                                         | ES19-026-03                                                                         | ES19-026-05                                                                         |                                                                                     |

|              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1/1          |  |  |  |  |
|              | 1/1                                                                                 | 1/1                                                                                 | 1/1                                                                                 |                                                                                     |
| Width of bit | 2mm                                                                                 | 3mm                                                                                 | 5mm                                                                                 |                                                                                     |
|              | ES19-027-02                                                                         | ES19-027-03                                                                         | ES19-027-05                                                                         |                                                                                     |

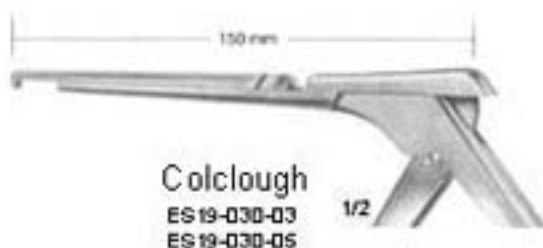
Cutting 40" Farward

1/2

Ferris-Smith-Kerrison



|                 |              |              |              |              |
|-----------------|--------------|--------------|--------------|--------------|
| Length of shaft | 150mm        | 200mm        | 150mm        | 200mm        |
| Width of bit    | 3mm          | 3mm          | 5mm          | 5mm          |
| Number          | ES 19-028-03 | ES 19-029-03 | ES 19-028-05 | ES 19-029-05 |



|                 |              |              |              |              |
|-----------------|--------------|--------------|--------------|--------------|
| Length of shaft | 150mm        | 200mm        | 150mm        | 200mm        |
| Width of bit    | 3mm          | 3mm          | 5mm          | 5mm          |
| Number          | ES 19-030-03 | ES 19-031-03 | ES 19-030-05 | ES 19-031-05 |

Colclough  
ES 19-031-03  
ES 19-031-05



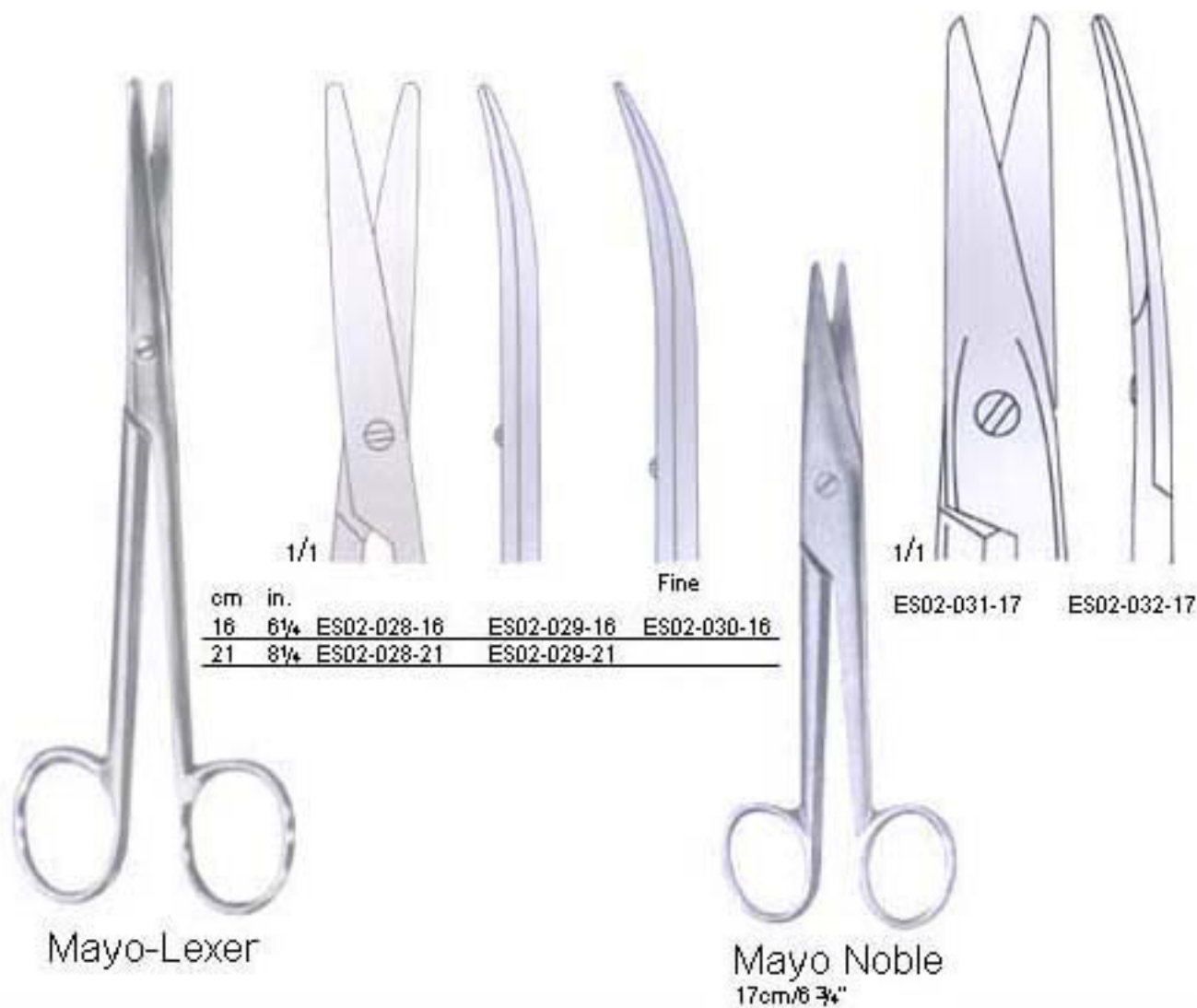
Mayo



| cm   | in.   |             |             |
|------|-------|-------------|-------------|
| 13   | 5 1/2 | ES02-021-14 | ES02-022-14 |
| 15.5 | 6     | ES02-021-15 | ES02-022-15 |
| 17   | 6 3/4 | ES02-021-17 | ES02-022-17 |
| 21   | 8     | ES02-021-21 | ES02-022-21 |
| 23   | 9 1/4 | ES02-021-23 | ES02-022-23 |









Mayo-Stille



Straight



Curved

| cm | inch  |             |             |
|----|-------|-------------|-------------|
| 15 | 6     | ES02-033-15 | ES02-034-15 |
| 17 | 6 3/4 | ES02-033-17 | ES02-034-17 |

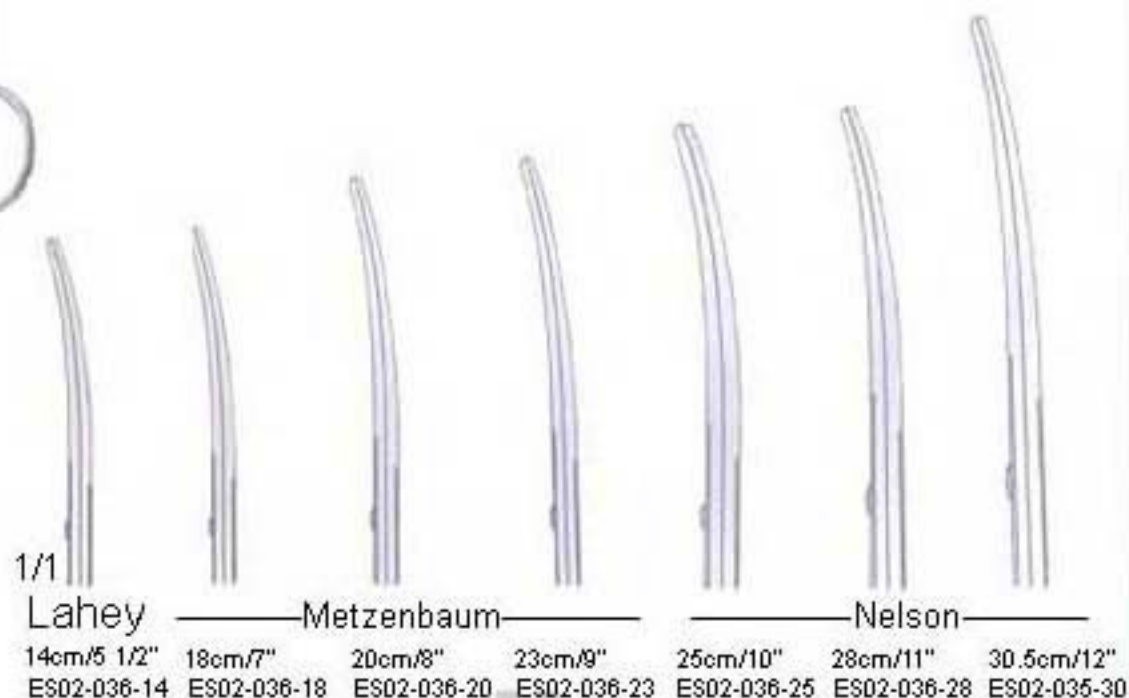
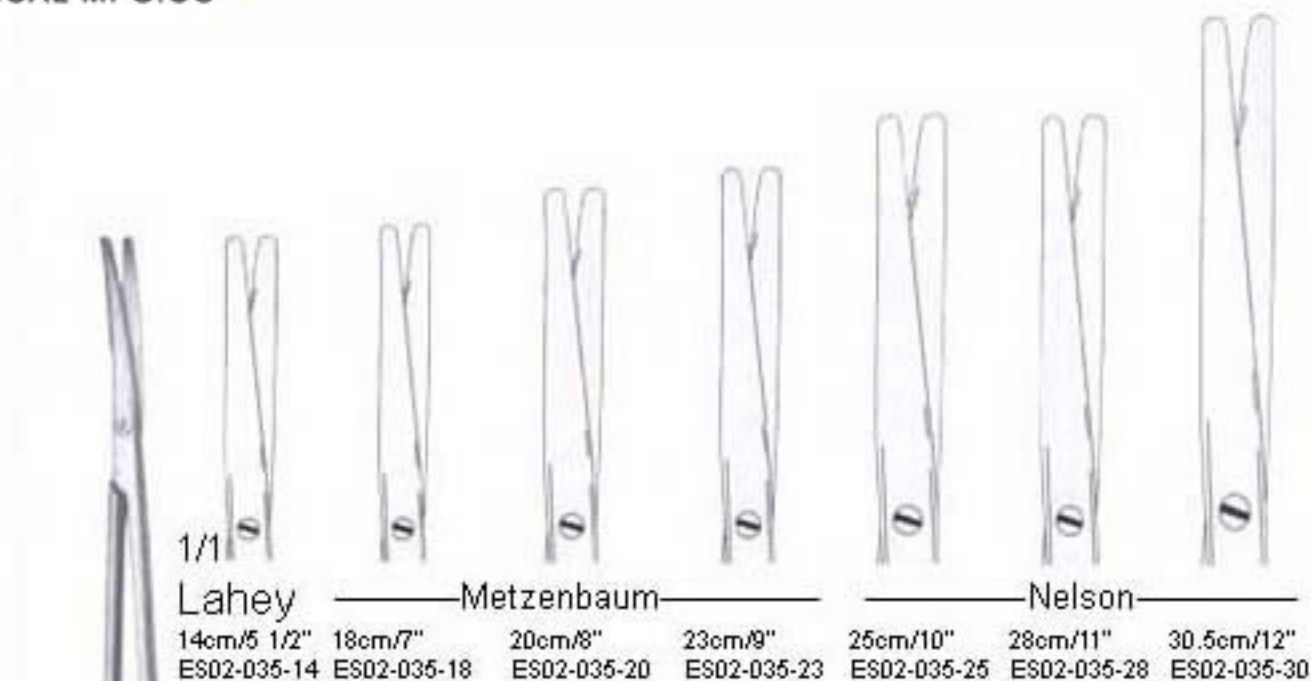




Fig.1



Fig.2



Fig.3

| cm   | inch  |             |             |             |
|------|-------|-------------|-------------|-------------|
| 11.5 | 4 1/2 | ES01-001-11 | ES01-002-11 | ES01-003-11 |
| 13   | 5     | ES01-001-13 | ES01-002-13 | ES01-003-13 |
| 14.5 | 5 3/4 | ES01-001-14 | ES01-002-14 | ES01-003-14 |
| 16.5 | 6 1/2 | ES01-001-16 | ES01-002-16 | ES01-003-16 |
| 18.5 | 7 1/4 | ES01-001-18 | ES01-002-18 | ES01-003-18 |



Fig.1



Fig.2

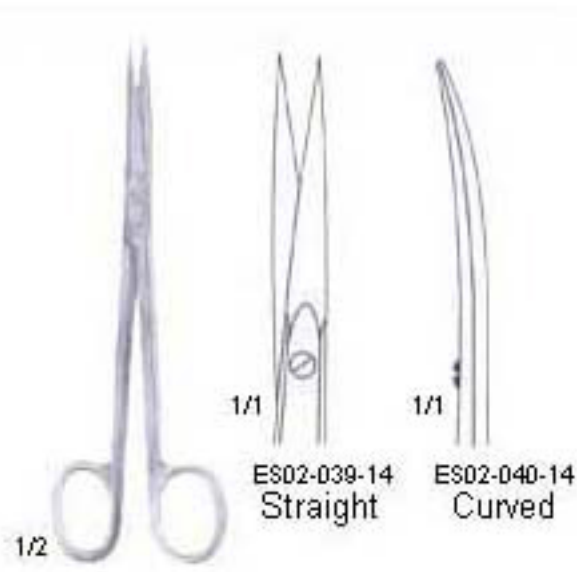


Fig.3

| cm   | inch  |             |             |             |
|------|-------|-------------|-------------|-------------|
| 11.5 | 4 1/2 | ES01-004-11 | ES01-005-11 | ES01-006-11 |
| 13   | 5     | ES01-004-13 | ES01-005-13 | ES01-006-13 |
| 14.5 | 5 3/4 | ES01-004-14 | ES01-005-14 | ES01-006-14 |
| 16.5 | 6 1/2 | ES01-004-16 | ES01-005-16 | ES01-006-16 |
| 18.5 | 7 1/4 | ES01-004-18 | ES01-005-18 | ES01-006-18 |

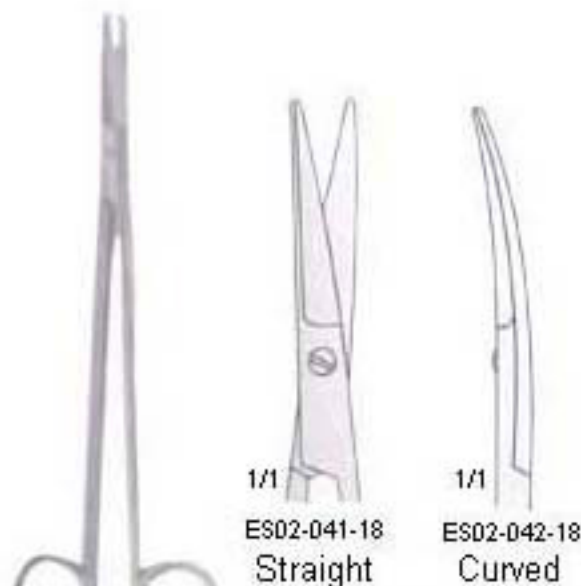


Kilner

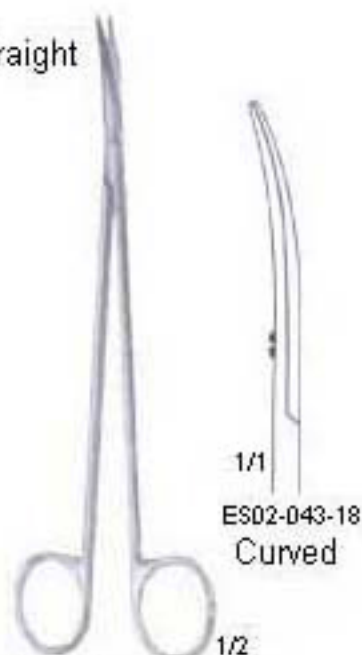


Brophy(Sullivan)  
14.5cm/5 1/2"

Straight



Tonnis(House)  
18cm/7"



Tonnis-Adson  
17.5cm/7"



Grazi



Fig. 1



Fig. 2



Fig. 3

| cm   | inch  |             |             |             |
|------|-------|-------------|-------------|-------------|
| 13   | 5     | ES02-007-13 | ES02-008-13 | ES02-009-13 |
| 14.5 | 5 3/4 | ES02-007-14 | ES02-008-14 | ES02-009-14 |



Fig. 1



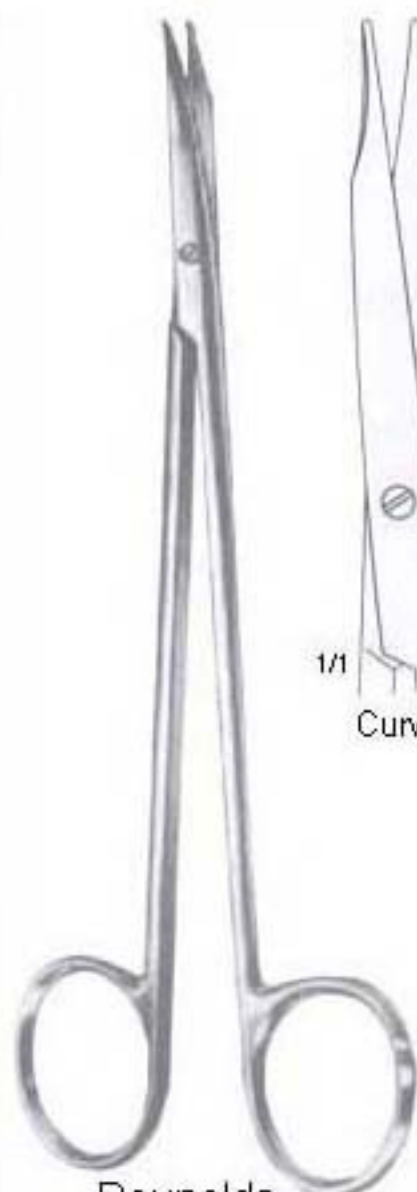
Fig. 2



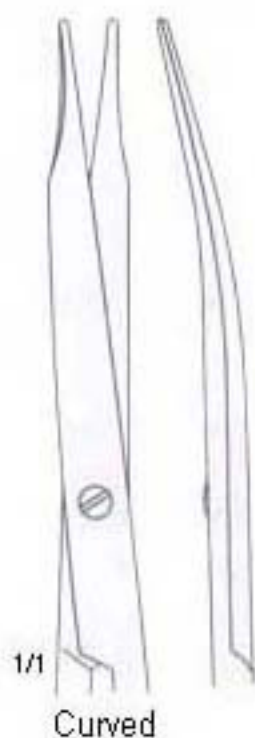
Fig. 3

| cm   | inch  |             |             |             |
|------|-------|-------------|-------------|-------------|
| 13   | 5     | ES02-010-13 | ES02-011-13 | ES02-012-13 |
| 14.5 | 5 3/4 | ES02-010-14 | ES02-011-14 | ES02-012-14 |

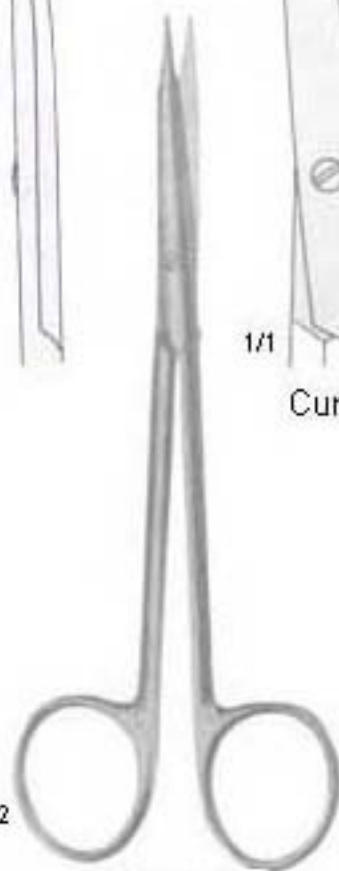




Reynolds

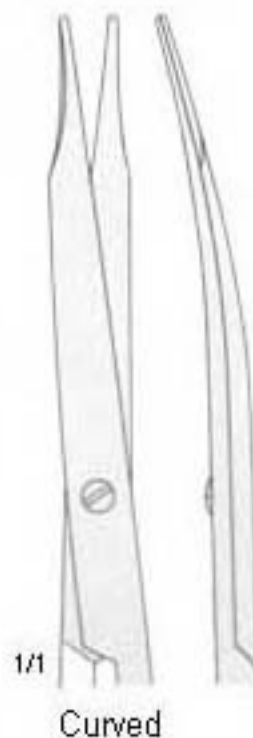


1/2

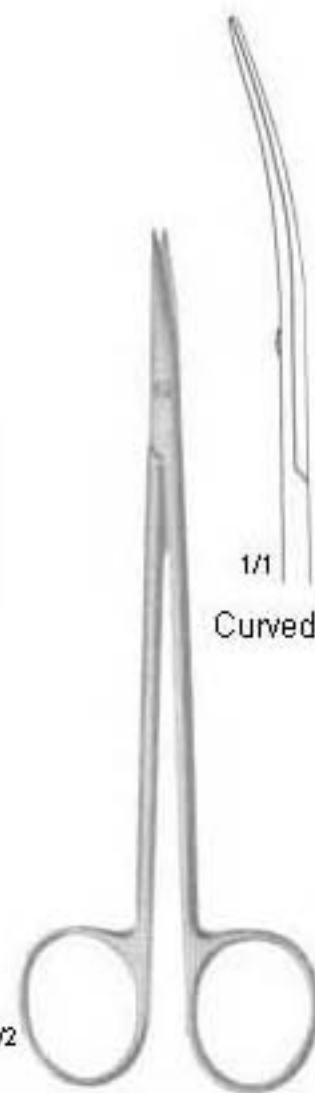


Jamison

15.5cm/6"  
ES02-045-15



1/2



15cm/6"  
ES02-046-15

1/1  
Curved

| cm   | in.   |             |
|------|-------|-------------|
| 13.5 | 5 1/4 | ES02-044-13 |
| 15   | 6     | ES02-044-15 |
| 18   | 7     | ES02-044-18 |
| 20   | 8     | ES02-044-20 |
| 23   | 9     | ES02-044-23 |



Deaver  
14.5cm/5 1/2"



ES02-013-14  
Straight



ES02-014-14  
Curved



Mixer  
15.5cm/6"



ES02-015-15  
Straight



ES02-016-15  
Curved



Incision Scissors



Iris  
12.5cm/4 3/4"



ES02-018-12  
Straight



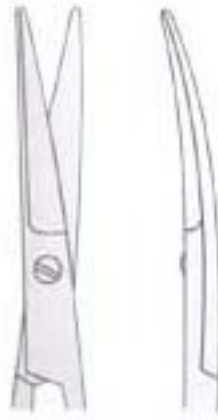
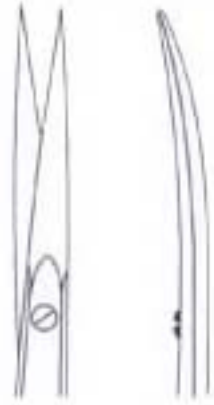
ES02-019-12  
Curved



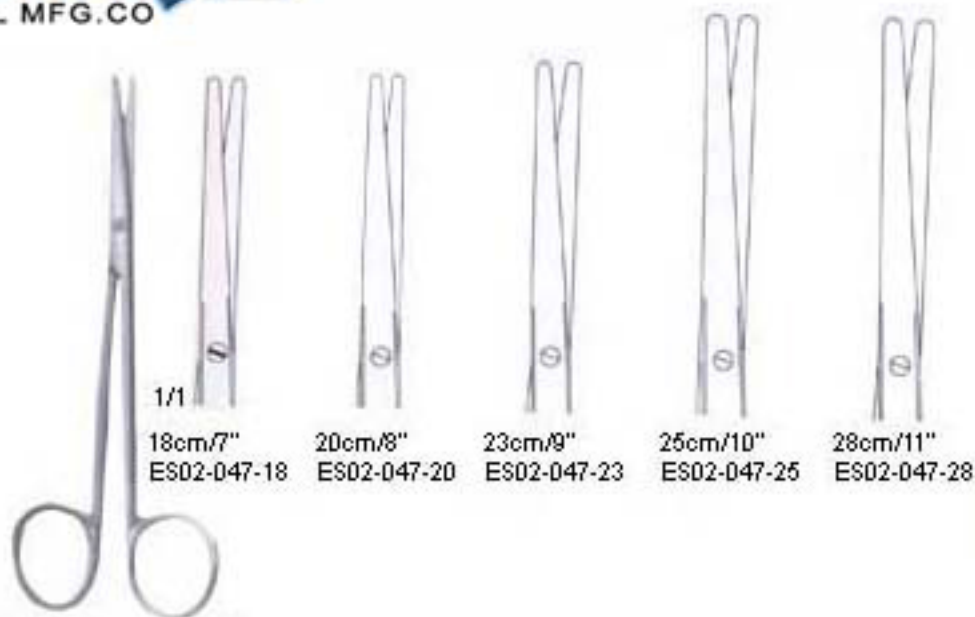
ES02-020-11  
Angular

Ligature Scissors

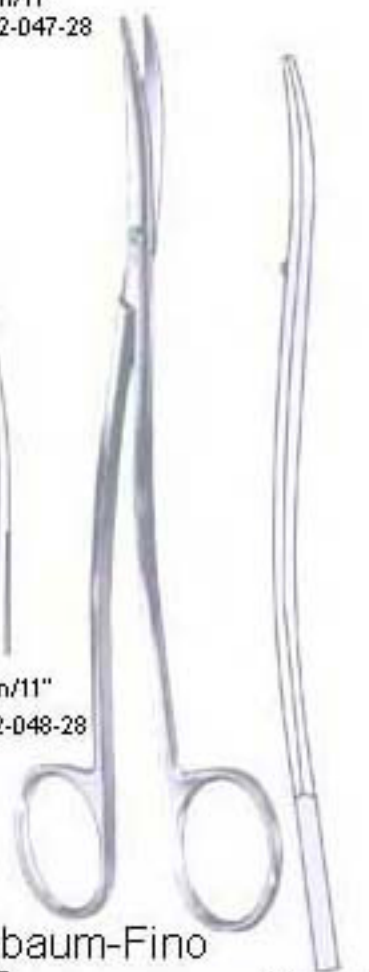
| cm   | in.   |             |
|------|-------|-------------|
| 13   | 5     | ES02-014-14 |
| 14.5 | 5 3/4 | ES02-014-14 |
| 15.3 | 6     | ES02-014-14 |







Metzenbaum-Fino



Metzenbaum-Fino  
ES02-049

Curved



3/4

Metzenbaum(Lahey)  
14.5cm/5 3/4 "

Stright 1/2

ES02-050-14

ES02-051-14

ES02-052-14

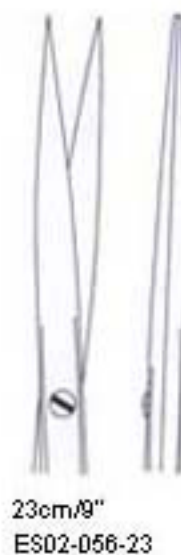
1/1  
Curved

ES02-053-14

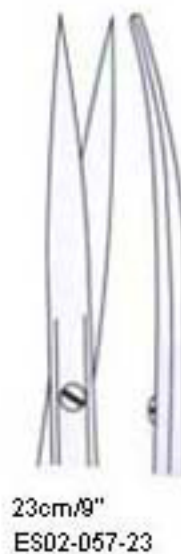
ES02-054-14

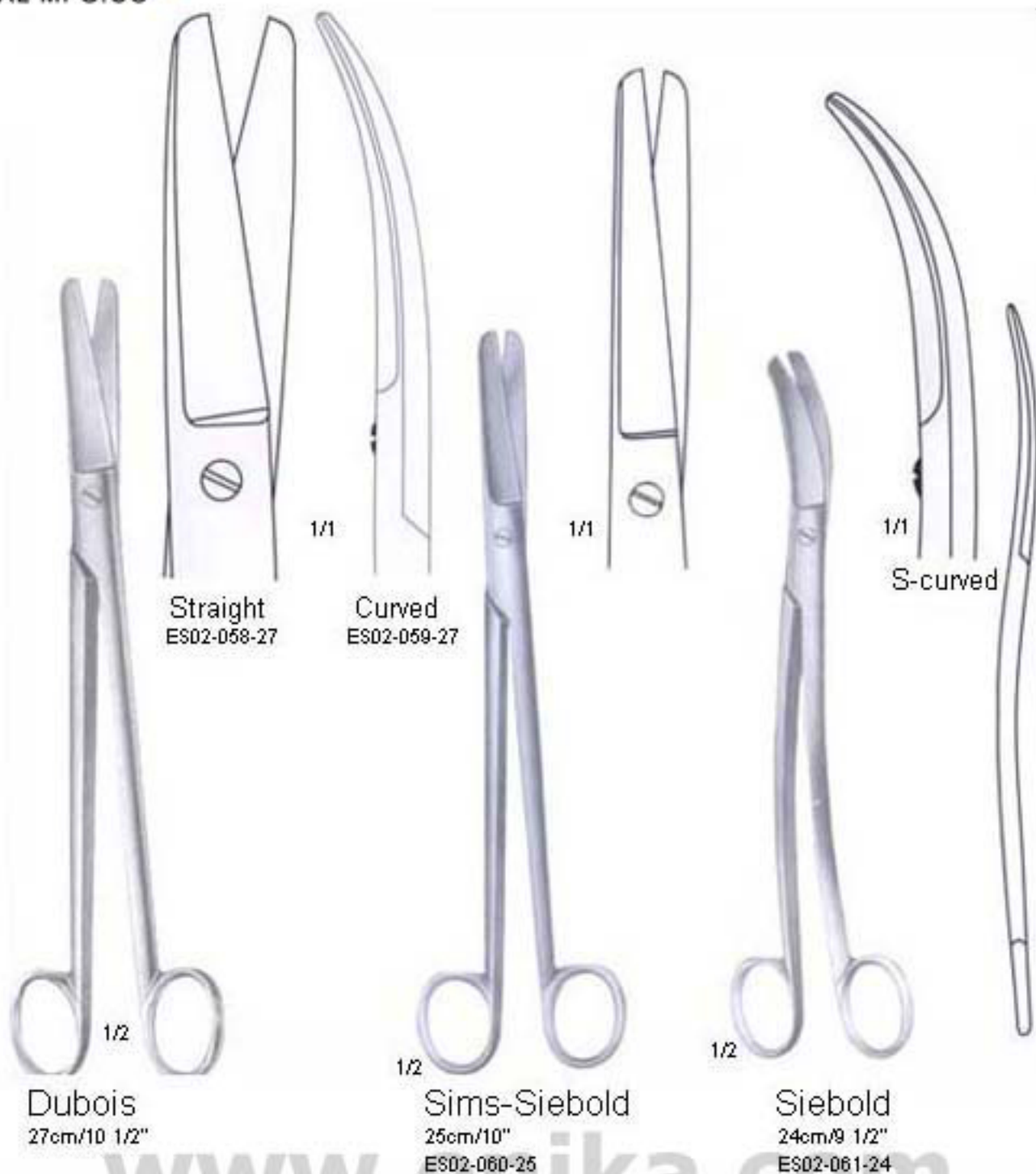
ES02-055-14





Metzenbaum-Fino







Sims

1/1



Stright

20cm/8"  
ES02-062-20



23cm/9"  
ES02-062-23



1/1

Curved

20cm/8"  
ES02-063-20



23cm/9"  
ES02-063-23



Doyen

1/1



Stright

16cm/6 1/4"  
ES02-064-16



18cm/7"  
ES02-064-18



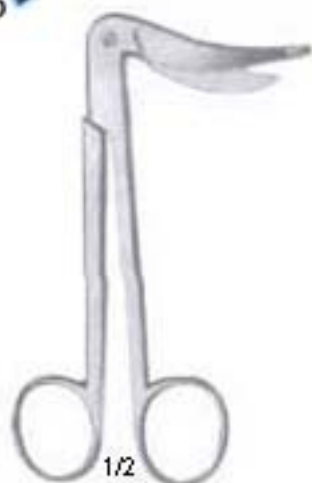
1/1

Curved

16cm/6 1/4"  
ES02-065-16

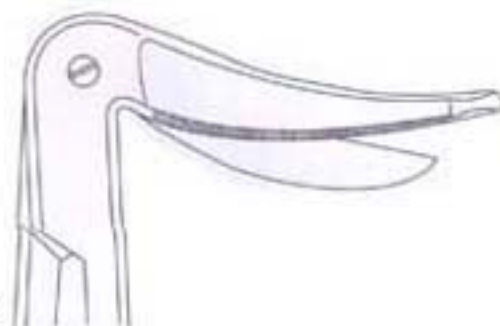


18cm/7"  
ES02-065-18

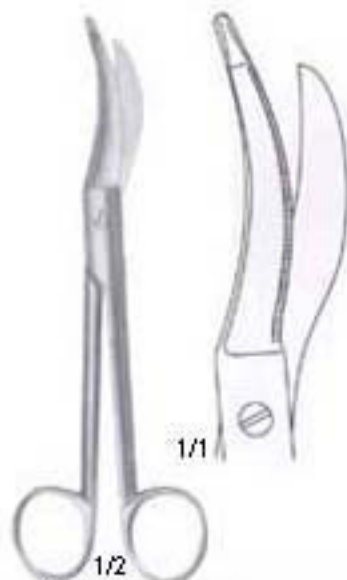


1/2  
Marbach  
15.5cm/6"  
ES02-066-15

1/1

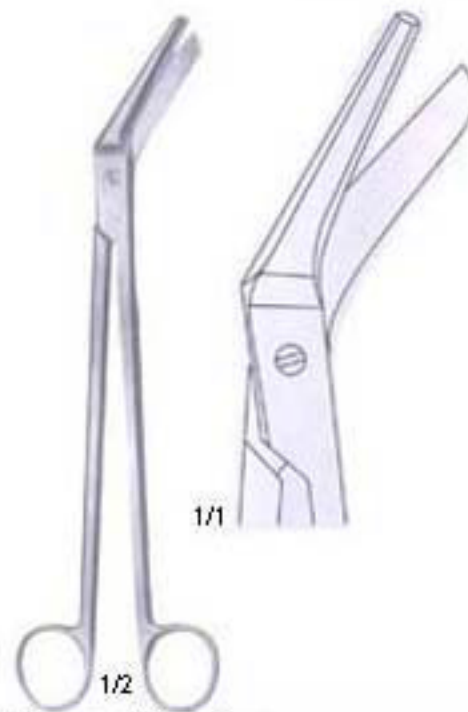


1/2  
Braun-Stadler  
14cm/5 1/2"  
ES02-067-14



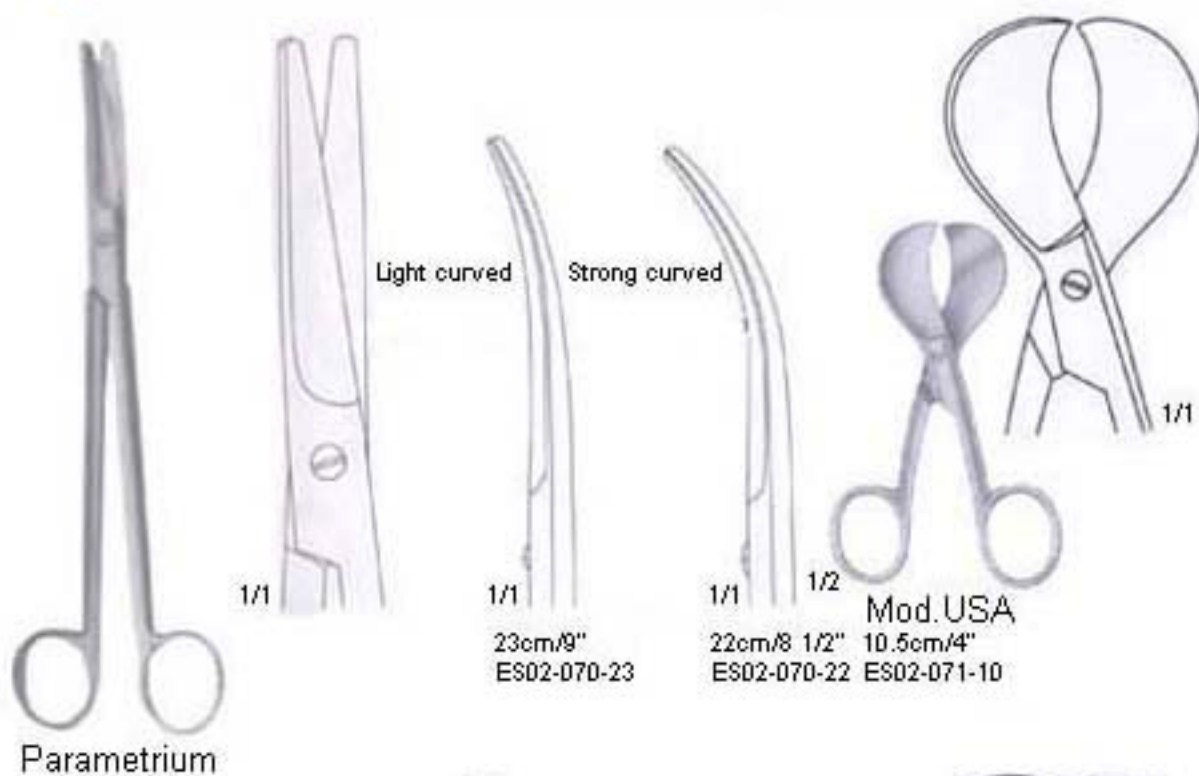
1/2  
Waldmann  
18cm/7"  
ES02-068-18

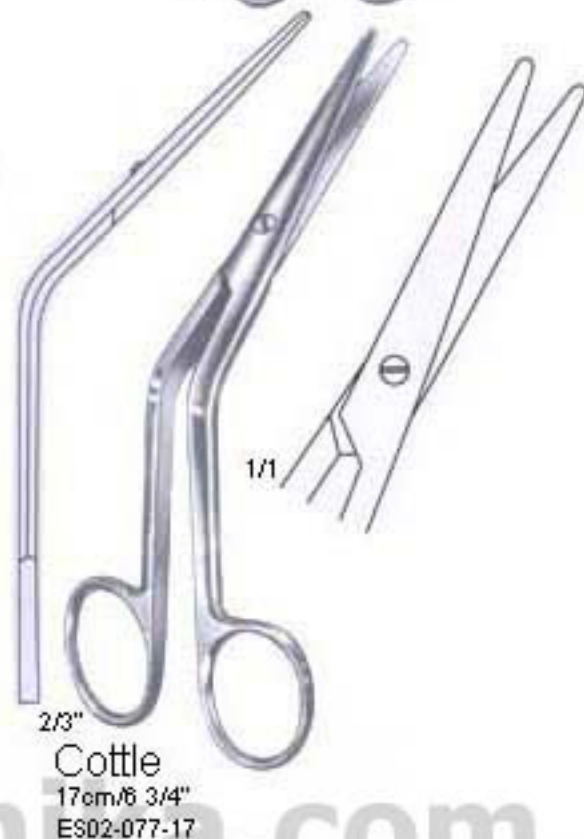
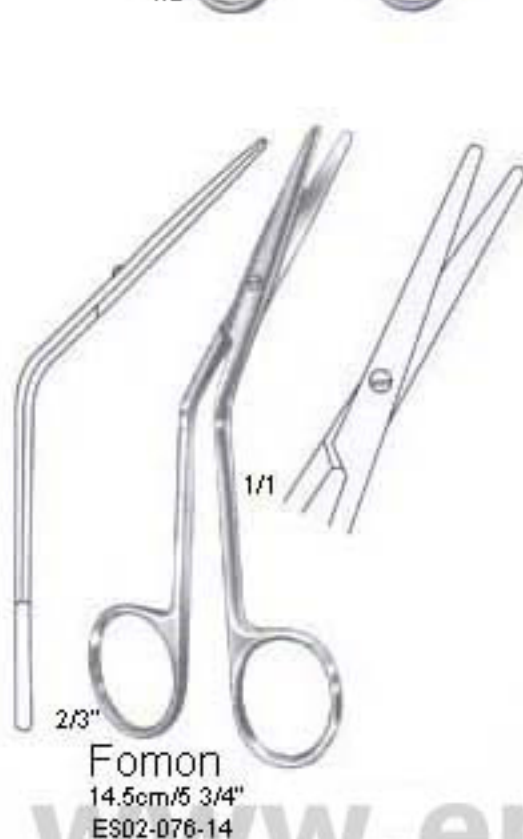
1/1



1/2  
Braun-Stadler  
22cm/8 3/4"  
ES02-069-22

1/1









Blade serrated



Caplan  
20cm/8"  
ES02-078-20



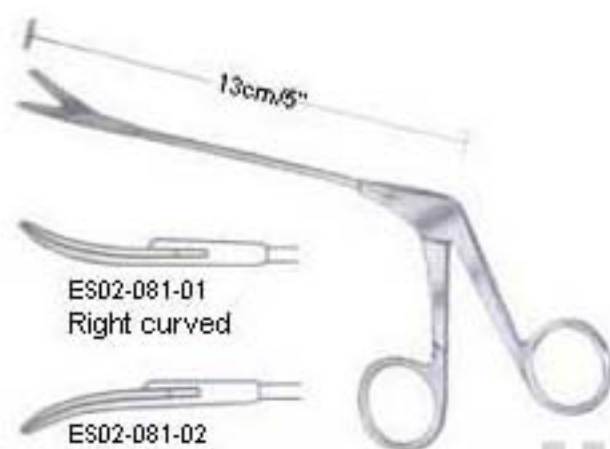
1/1  
ES02-079-13

Fomon "Saber Back"  
13.5cm/5 1/4"



1/1  
ES02-080-13

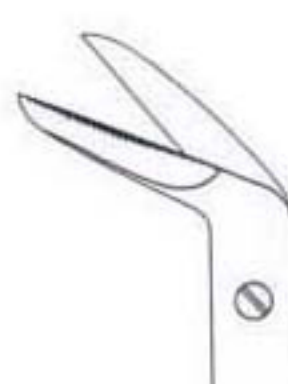
Fomon "Upper Lateral"  
13.5cm/5 1/4"



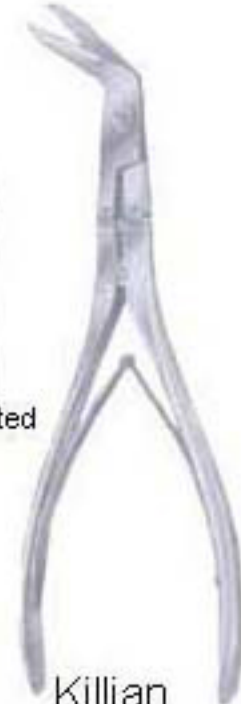
13cm/5"

ES02-081-01  
Right curved

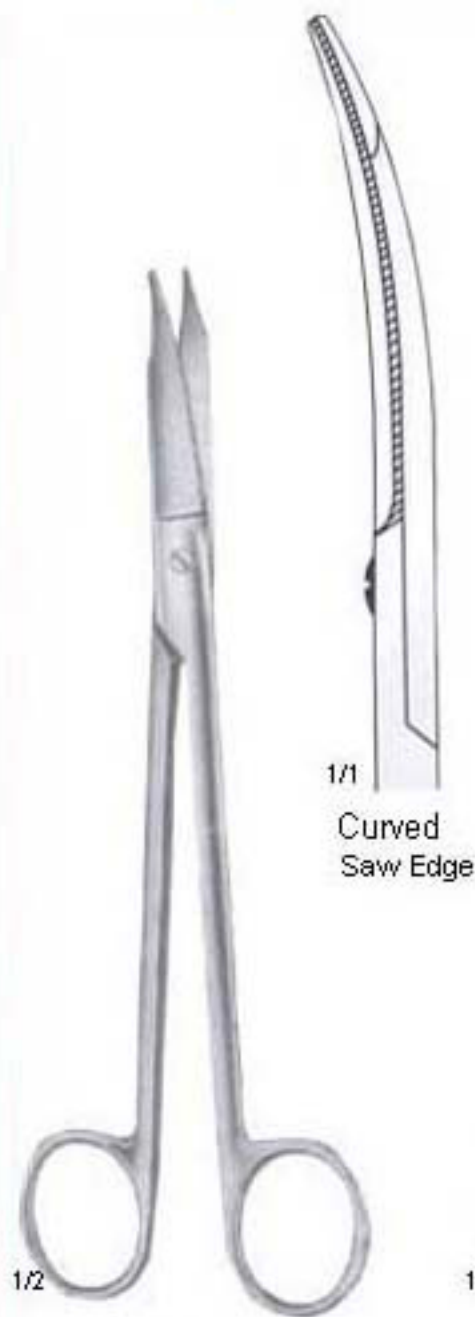
ES02-081-02  
Left curved



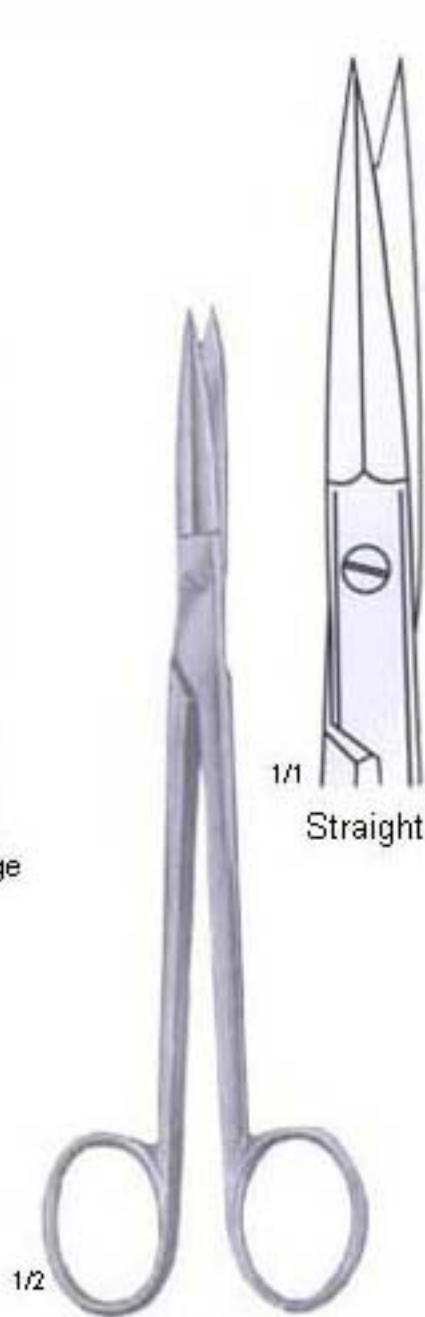
Blade serrated



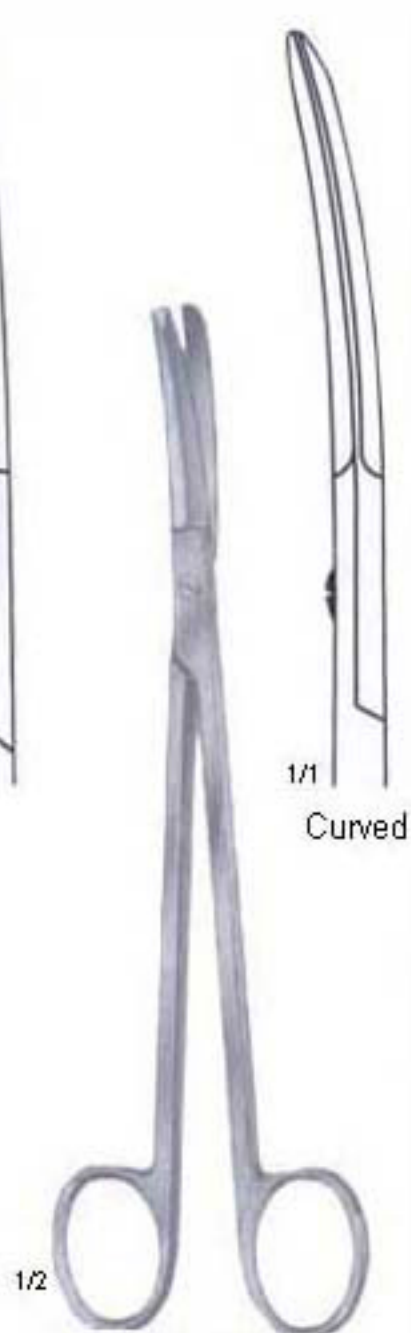
Killian  
21cm/8 1/2"  
ES02-082-21



Martin  
20cm/8"  
ES02-083-20



McIndoe  
19cm/7 1/2"  
ES02-084-19



Potts-Smith  
19cm/7 1/2"  
ES02-085-19



Kelly



1/1

16cm/6 1/2"

ES02-086-16



Straight

18cm/7"

ES02-087-18



1/1

16cm/6 1/2"

ES02-088-16



Curved

18cm/7"

ES02-089-18



1/2

Joseph  
14cm/5 1/2"



Straight

ES02-090-14



Curved

ES02-091-14



1/2

Sanvenero  
14cm/5 1/2"



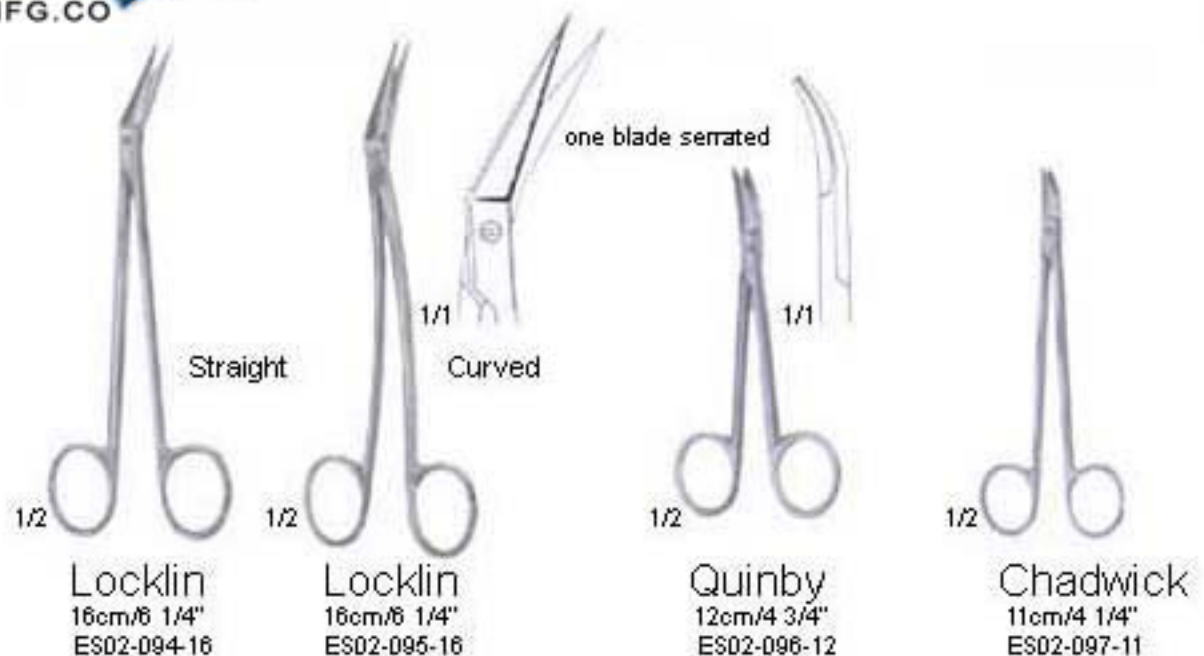
Straight

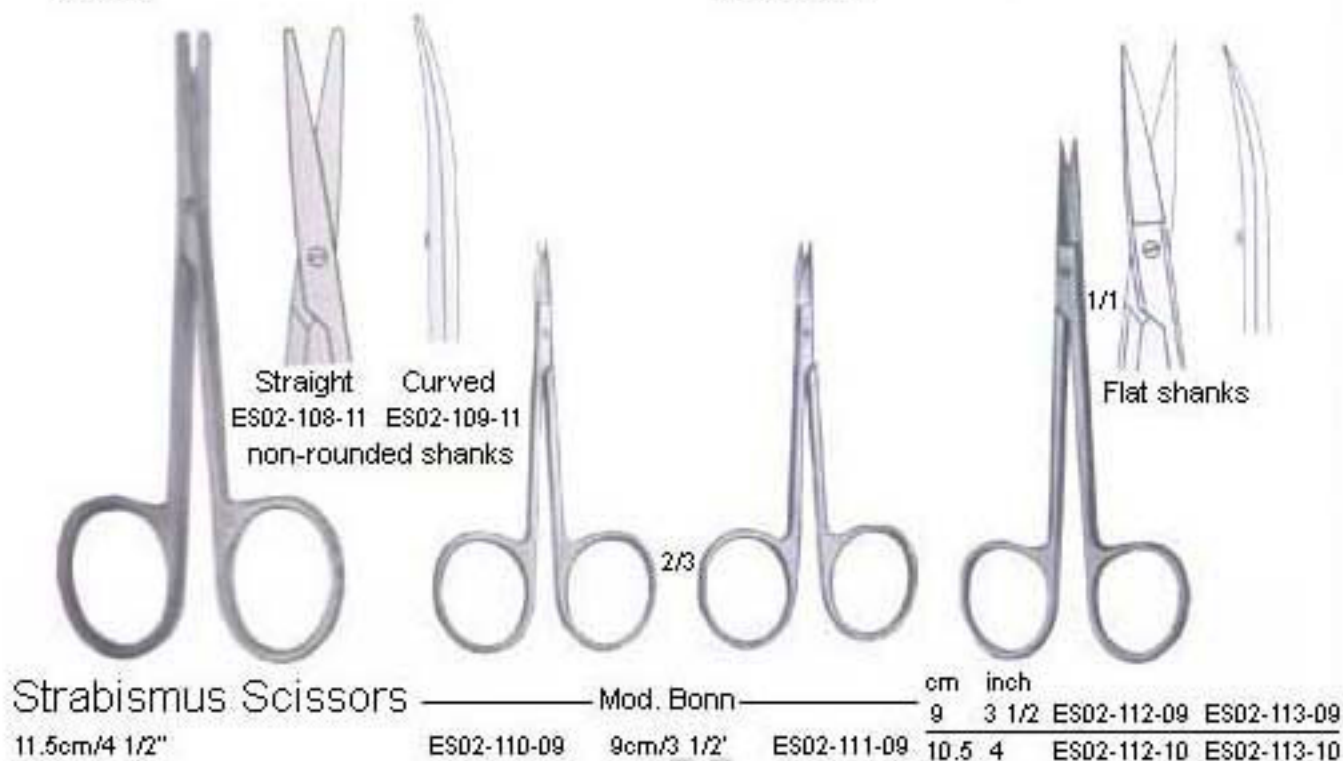
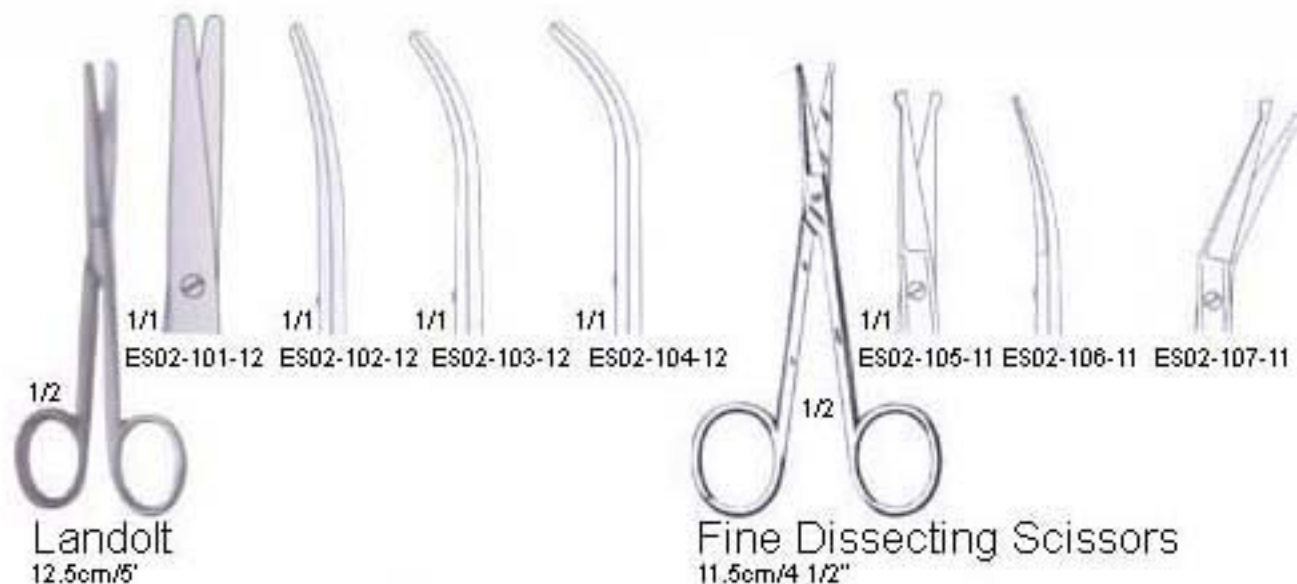
ES02-092-14



Curved

ES02-093-14









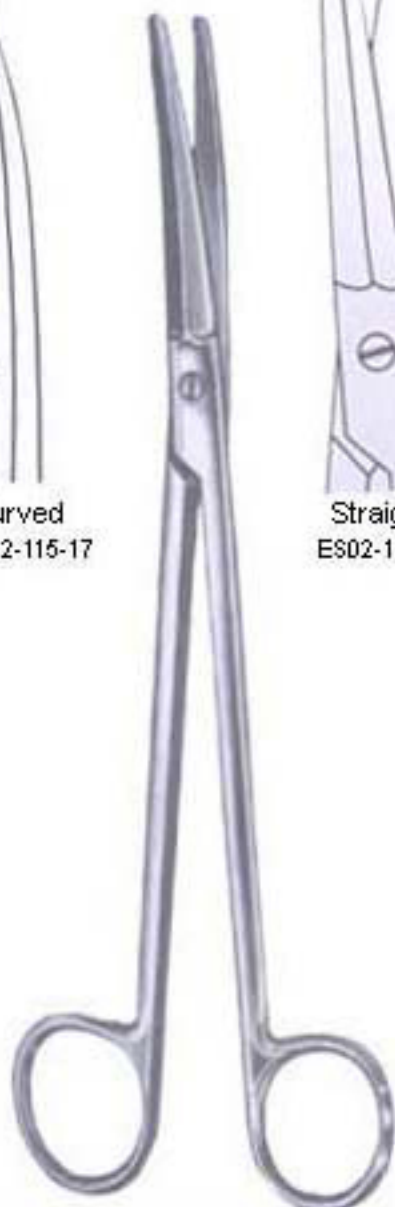
Rees(Face Lifting)  
17cm/6 3/4"



Straight  
ES02-114-17



Curved  
ES02-115-17



Gorney  
20cm/8"

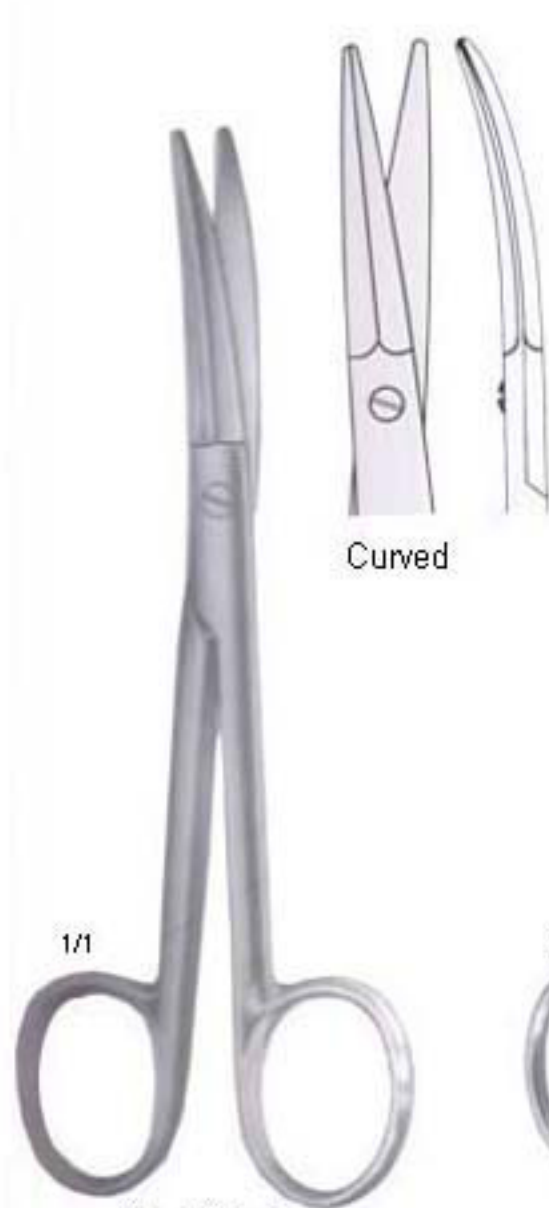


Straight  
ES02-116-20



Curved  
ES02-117-20

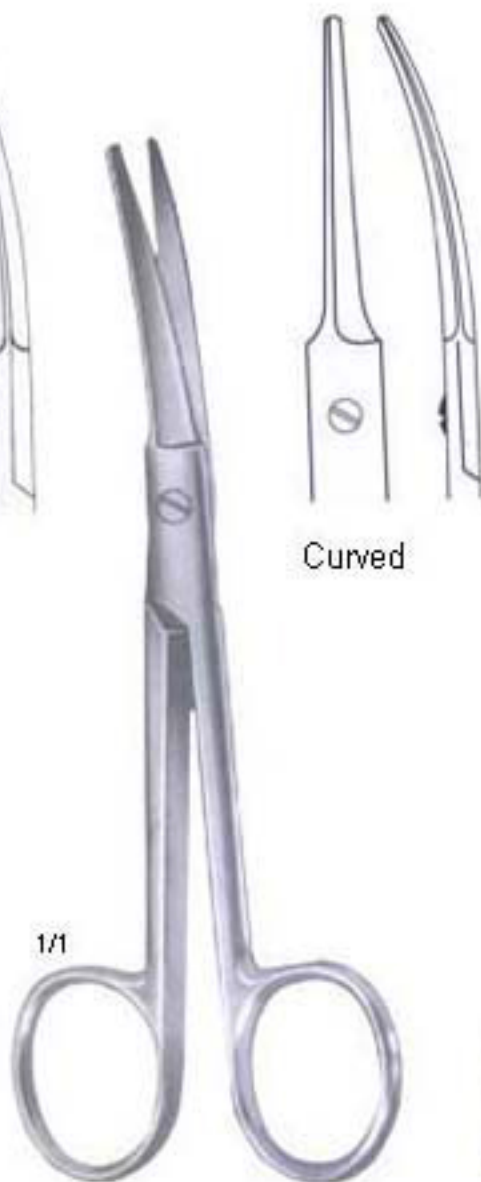




Curved

1/1

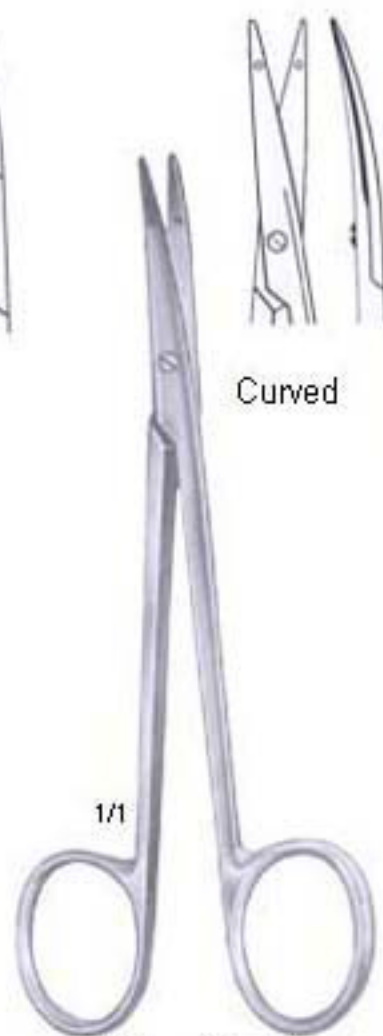
Aufricht  
14.5cm/5 3/4"  
ES02-118-14



Curved

1/1

Brown(mod)  
14.5cm/5 3/4"  
ES02-119-14



Curved

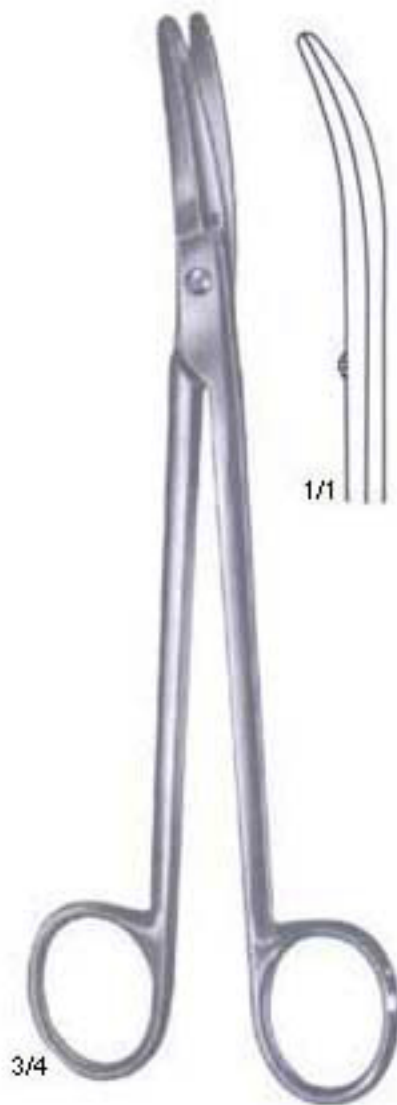
1/1

Littler Plastic  
12cm/4 3/4"  
ES02-120-12





Bottcher  
18cm/7"  
ES02-124-18



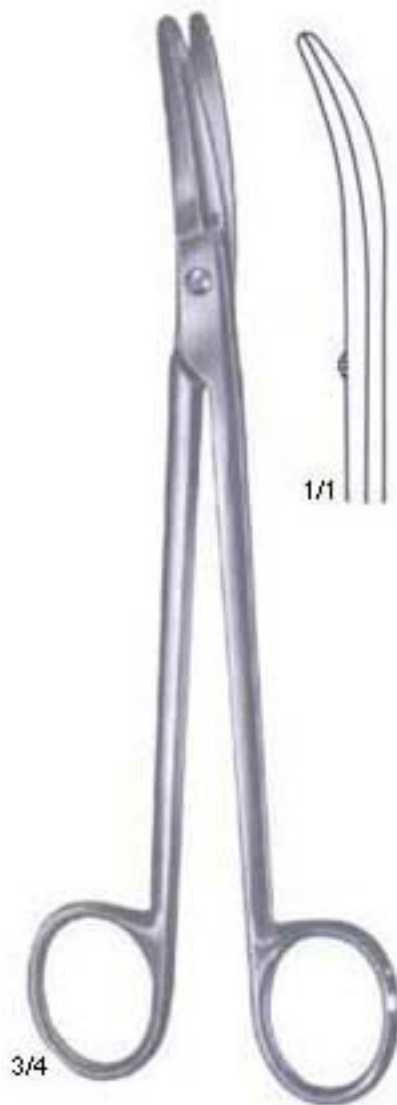
Prince  
17.5cm/6 3/4"  
ES02-125-17



Dean  
17cm/6 3/4"  
ES02-126-17



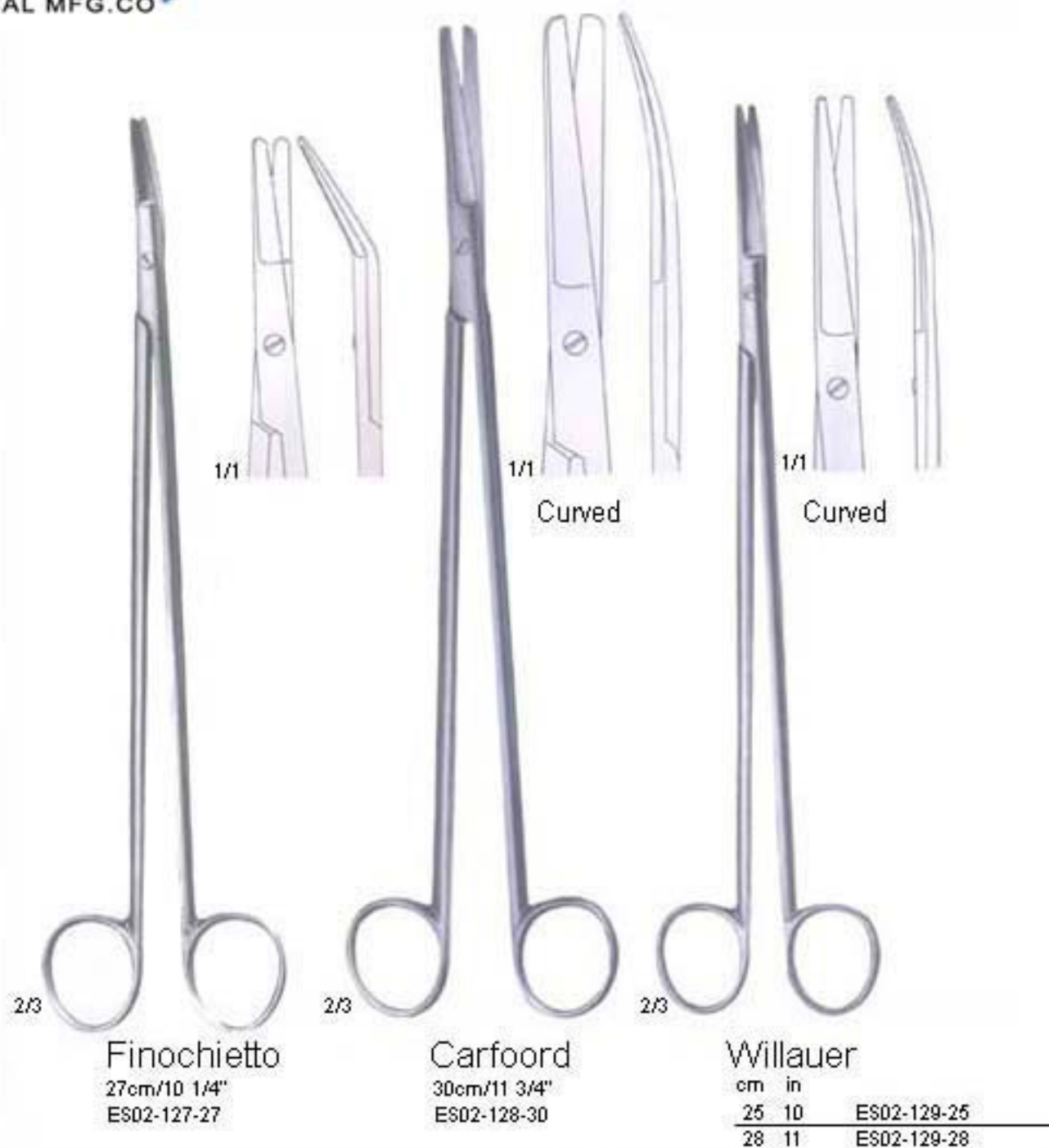
Bottcher  
18cm/7"  
ES02-124-18



Prince  
17.5cm/6 3/4"  
ES02-125-17

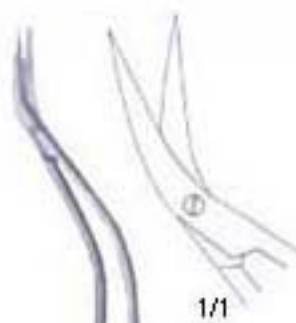


Dean  
17cm/6 3/4"  
ES02-126-17





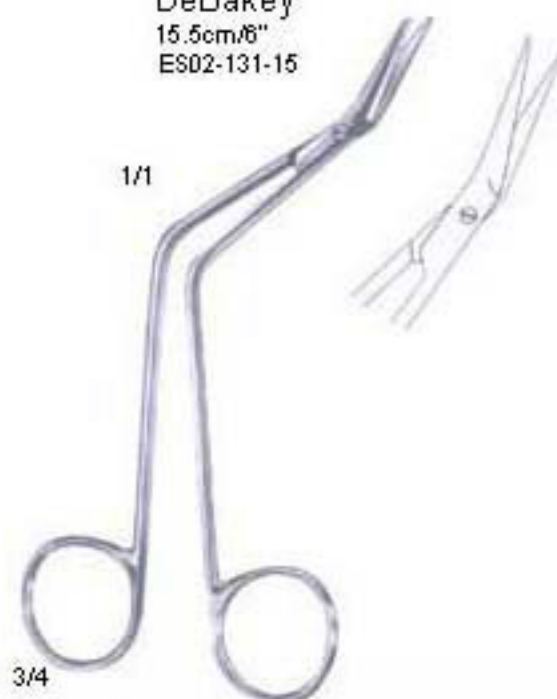
DeBakey  
15.5cm/6"  
ES02-130-15



DeBakey  
15.5cm/6"  
ES02-131-15



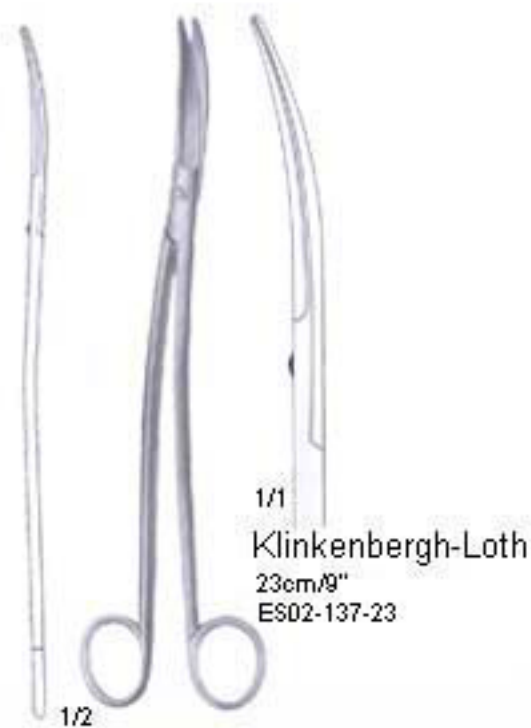
Favoloro  
22.5cm/8 3/4"



Coronary  
17cm/6 3/4"  
ES02-133-17

| cm | in.   | °   |             |
|----|-------|-----|-------------|
| 17 | 6 3/4 | 60° | ES02-132-17 |
| 23 | 9     | 60° | ES02-132-23 |







14.5cm/5 1/2"  
ES02-138-14



1/1



12cm/4 3/4"  
ES02-139-12



1/1



Potts-Smith(de Martel)  
19.5cm/7 3/4"  
ES02-140-19



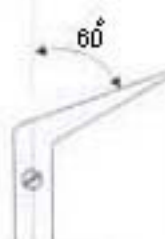
DeBakey



16cm/6 1/4"  
ES02-141-16/25



16cm/6 1/4"  
ES02-141-16/45



16cm/6 1/4"  
ES02-141-16/60

23cm/9"  
ES02-142-23/25

23cm/9"  
ES02-142-23/45

23cm/9"  
ES02-142-23/60

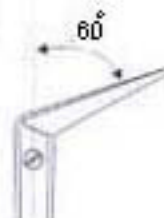
28cm/11"  
ES02-143-28/25

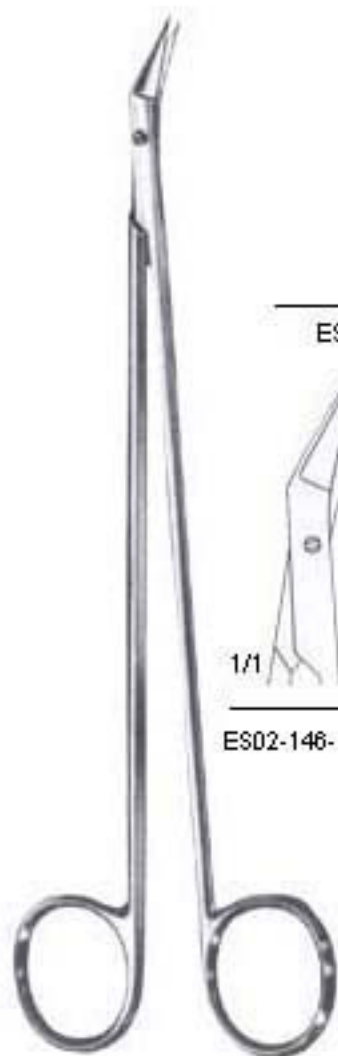
28cm/11"  
ES02-143-28/45

28cm/11"  
ES02-143-28/60

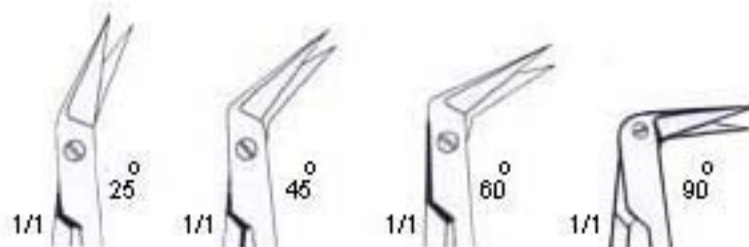


Potts-smith



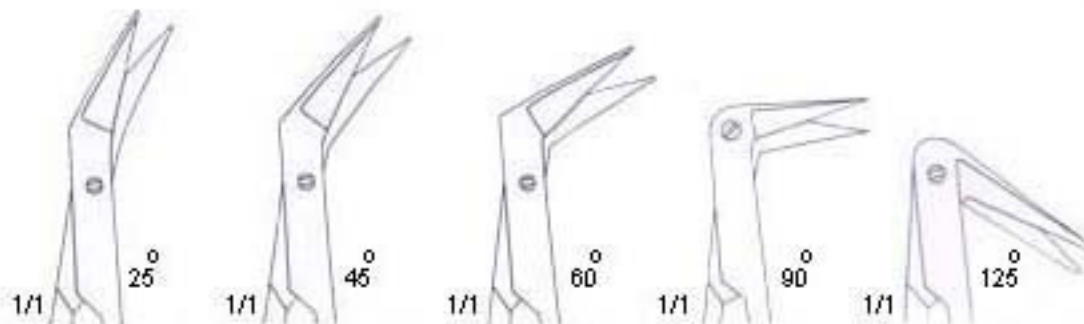


Diethrich



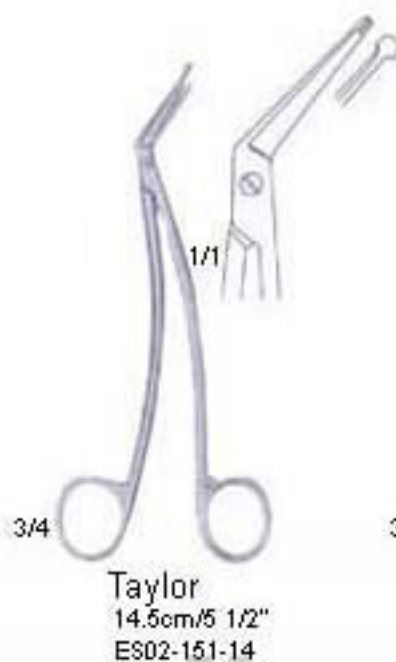
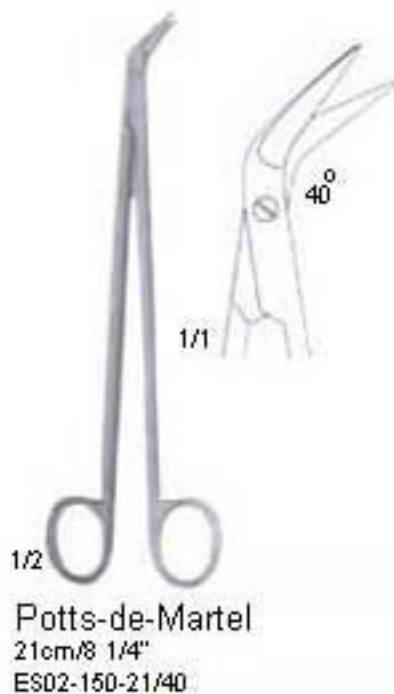
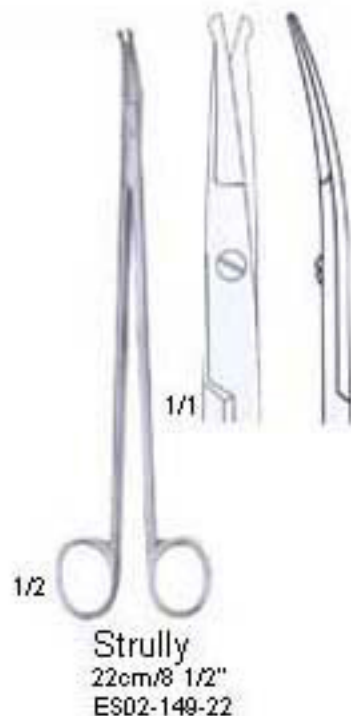
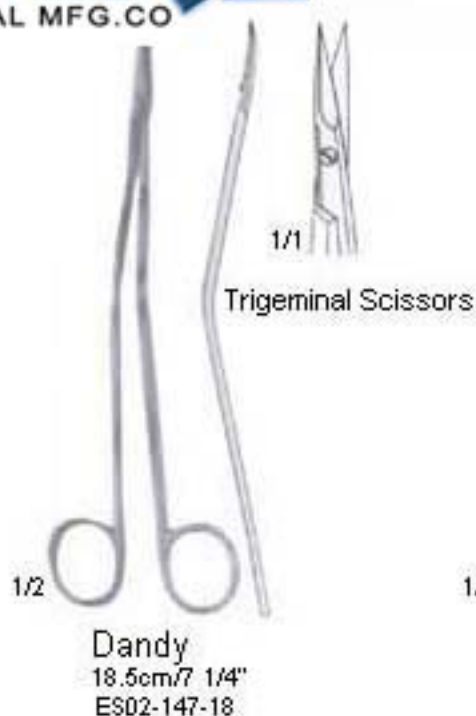
13cm/5"

ES02-145-13/25 ES02-145-13/45 ES02-145-13/60 ES02-145-13/90



18cm/7"

ES02-146-18/25 ES02-146-18/45 ES02-146-18/60 ES02-146-18/90 ES02-146-18/125





Universal  
19cm/7 1/2"  
ES02-153-19  
ES02-153-17  
ES02-153-14



1/2  
Knowles  
14cm/5 1/2"  
ES02-154-14



1/2  
Knowles(Bantam)  
14cm/5 1/2"  
ES02-155-14



1/2  
Knowles(Hi-Level)  
14cm/5 1/2"  
ES02-156-14



Lister

| cm | in.   |             |
|----|-------|-------------|
| 9  | 3 1/2 | ES02-157-09 |
| 11 | 4 1/2 | ES02-157-11 |
| 14 | 5 1/2 | ES02-157-14 |
| 18 | 7     | ES02-157-18 |
| 20 | 8     | ES02-157-20 |



Esmarch



1/2  
Bergmann  
23cm/9"  
ES02-159-23



Smith (Mod.USA)

| cm | in.   |             |
|----|-------|-------------|
| 16 | 6 1/4 | ES02-161-16 |
| 18 | 7     | ES02-161-18 |
| 20 | 8     | ES02-161-20 |
| 23 | 9     | ES02-161-23 |

Heavy Pattern



1/2

Schweizer  
18cm/7"  
ES02-162-18



1/2

23.5cm/9 1/4"  
ES02-163-23



1/3

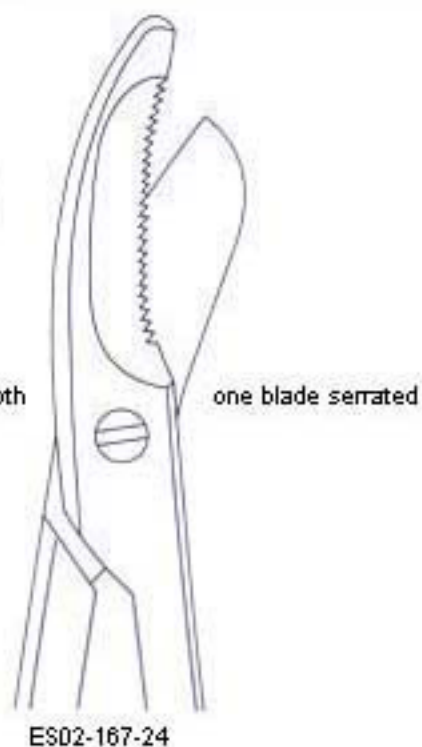
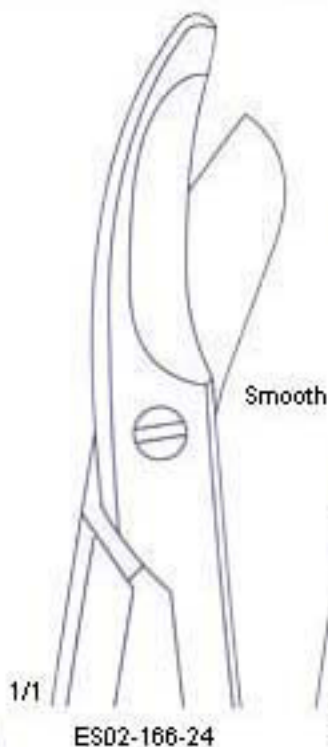
Lorenz  
23cm/9"  
ES02-164-23



1/2

Lange  
18cm/7"  
ES02-165-18







O'Brien  
9.5cm/3 3/4"  
ES02-170-09



Eiselsberg  
11cm/4 1/4"  
ES02-171-11



Schoemaker-Loth  
12.5cm/5"  
ES02-172-12



Shortbent  
9cm/3 1/2"  
ES02-173-09



9cm/3 1/2"  
ES02-174-09



Northbent  
12.5cm/5"  
ES02-175-12



Spencer  
9cm/3 1/2"  
ES02-176-09

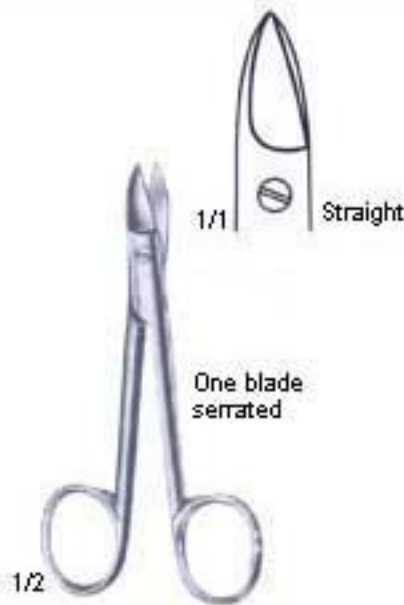


Littauer  
14cm/5 1/2"  
ES02-177-14



One blade  
serrated

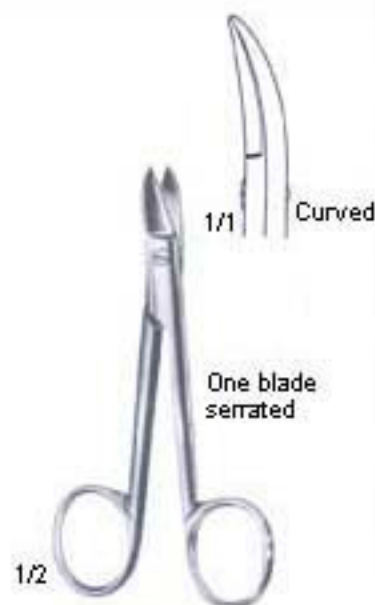
Smith  
17cm/6 3/4"  
ES02-180-17



1/1 Straight

One blade  
serrated

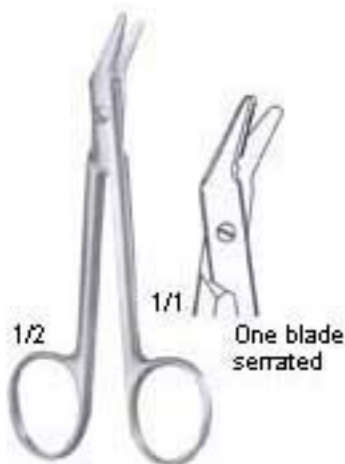
Beebe  
12cm/4 3/4"  
ES02-181-12



1/1 Curved

One blade  
serrated

Beebe  
12cm/4 3/4"  
ES02-182-12



1/1 One blade  
serrated

Universal  
12cm/4 3/4"  
ES02-183-12



1/1 One blade  
serrated

Harvey  
12.5cm/5"  
ES02-184-12



1/1 One blade  
serrated

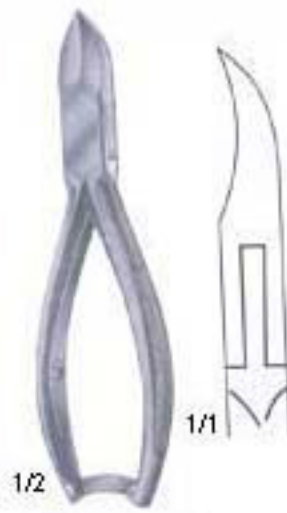
Schuknecht  
10cm/4"  
ES02-185-10



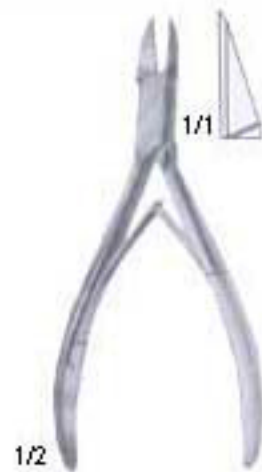
11.5cm/4 1/2"  
ES02-190-11



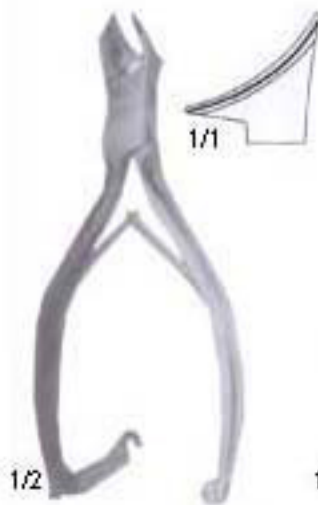
10.5cm/4 1/4"  
ES02-191-10



Nail Nipper  
14cm/5 1/2"  
ES02-192-14



13cm/5 1/4" ES02-195-13  
15cm/6" ES02-195-15



14cm/5 1/2"  
ES02-196-14

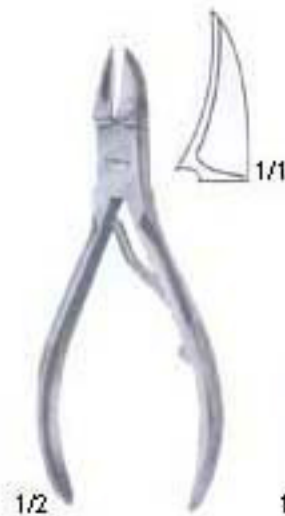


14cm/5 1/2"  
ES02-197-14

16cm/6 1/4"  
ES02-197-16



Turnbull  
11.5cm/4 1/2"  
ES02-198-11



13cm/5"  
ES02-199-13



Turnbull  
12cm/4 3/4"  
ES02-200-12



10cm/4"  
ES02-202-10



10cm/4"  
ES02-203-10



10.5cm/4 1/4"  
ES02-204-10



10.5cm/4 1/4"  
ES02-205-10



13cm/5"  
15cm/6"  
ES02-206-13  
ES02-206-15



21cm/8 1/4"  
ES02-207-21



21cm/8 1/4"  
ES02-208-21

Enterotomy Scissors



23cm/9"  
ES02-209-23

Bone and Rib Shears



Plain  
23cm/9"  
ES02-210-23





11cm/4 1/3"



1/1

Straight  
ES02-212-11



Curved  
ES02-213-11



1/1

Lexer-Baby  
10.5cm/4"



1/1

ES02-214-11



ES02-215-11



1/1

ES02-216-01



ES02-216-02

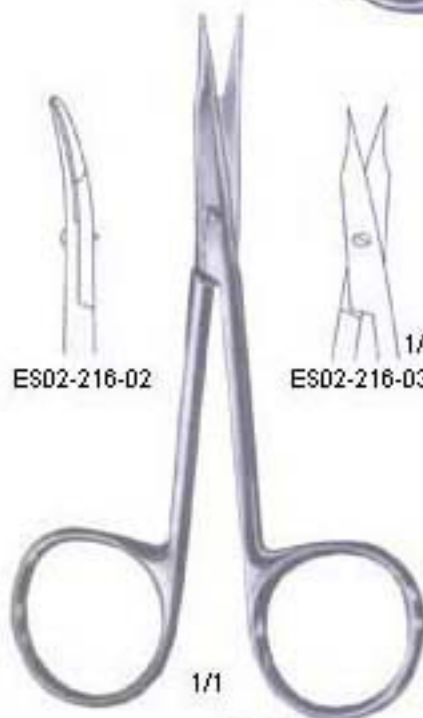


1/1

ES02-216-03



ES02-216-04



1/1

Stevens  
11.5cm/4 1/2"





1/2  
18.5cm/7 1/2"



1/1  
ES02-218-18



1/1  
ES02-219-18



1/1  
ES02-220-18



1/1  
Noyes  
12cm/4 3/4"

Fig. 1 ES02-221-12  
Fig. 2 ES02-221-12  
Fig. 3 ES02-221-12



1



2



3

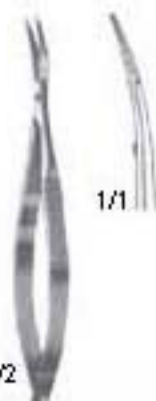


Noyes  
12cm/4 3/4"

Fig. 1 ES02-224-12  
Fig. 2 ES02-225-12  
Fig. 3 ES02-226-12



1/2  
Westcot  
11.5cm/4 1/2"  
ES02-227-11



1/2  
Westcot  
11.5cm/4 1/2"  
ES02-228-11

1/1

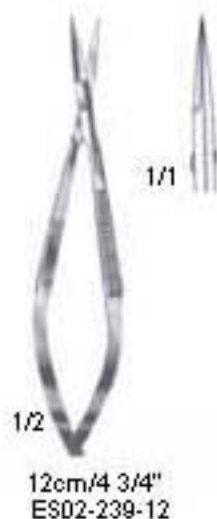
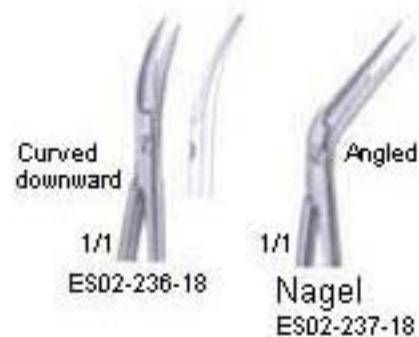
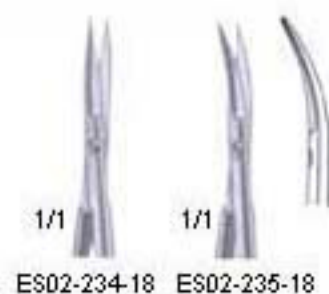


1/2  
Mathieu  
11.5cm/4 1/2"  
ES02-229-11



ES02-230-11

1/1





1/2  
14cm/5 1/2"  
ES02-243-14



1/2  
15.5cm/6"  
ES02-244-15



Reill  
15.5cm/6"  
ES02-245-15



1/2  
15.5cm/6"  
ES02-246-15



1/2  
15.5cm/6"  
ES02-247-15



1/2  
9cm/3 1/2"  
ES02-248-09



1/2  
9cm/3 1/2"  
ES02-249-09



1/2  
9cm/3 1/2"  
ES02-250-09



1/2  
9cm/3 1/2"  
ES02-251-09



1/2  
12cm/4 3/4"  
ES02-252-09



1/1

10cm/4"  
ES02-255-10



1/1

10cm/4"  
ES02-256-10



1/1

Troutman  
10cm/4"  
ES02-257-10



1/1

Troutman  
10cm/4"  
ES02-258-10



1/1

Castroviejo  
10cm/4"  
ES02-259-10



1/1

Castroviejo  
10cm/4"  
ES02-260-10



1/1

Aedli  
10cm/4"  
ES02-261-10



1/1  
Westcott  
11cm/4 1/2"  
ES02-264-11



1/1  
Westcott  
11cm/4 1/2"  
ES02-265-11



1/1  
Castroviejo  
9cm/3 1/2"  
ES02-266-09



1/1  
McPherson-Westcott  
10cm/4"  
ES02-267-10



1/1  
McPherson-Westcott  
10cm/4"  
ES02-268-10



1/1  
Scheie-Westcott  
12cm/4 3/4"  
ES02-269-12



1/1  
Scheie-Westcott  
12cm/4 3/4"  
ES02-270-12



1/1  
Castroviejo  
10cm/4"  
ES02-272-10



1/1  
Castroviejo  
10cm/4"  
ES02-273-10



1/1  
Castroviejo  
10cm/4"  
ES02-274-10



1/1  
Barraquer  
5.5cm/2 1/4"  
ES02-275-05

Cutting Blades

5 mm ES02-275-05  
7 mm ES02-275-07  
10 mm ES02-275-10



1/1  
8.5cm/3 1/2"  
ES02-280-08



1/1  
8.5cm/3 1/2"  
ES02-281-08



1/1  
8.5cm/3 1/2"  
ES02-282-08



1/1  
Vannas  
8cm/3 1/4"  
ES02-283-08

ES02-284-08

Vannas Mod. Tubingen

8.5cm/3 1/2"  
ES02-280-08

8.5cm/3 1/2"  
ES02-281-08

8.5cm/3 1/2"  
ES02-282-08

Vannas  
8cm/3 1/4"  
ES02-283-08





1/1  
Castroviejo  
10cm/4"  
ES02-285-10



1/1  
Castroviejo  
10cm/4"  
ES02-286-10



1/1  
Castroviejo  
11cm/4 1/2"  
ES02-287-11



1/1  
Castroviejo  
11cm/4 1/2"  
ES02-288-11



1/1  
Castroviejo  
11cm/4 1/2"  
ES02-289-11



1/1  
Noyes  
15cm/6"  
ES02-290-15



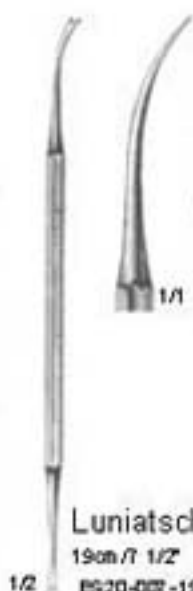
**Reichert**  
24cm / 9 1/2"  
ES20-001-24



**Jackson**  
22cm / 8 3/4"

1/1  
ES20-003-22

1/1  
ES20-005-22



**Luniatschek**  
19cm / 7 1/2"  
ES20-007-19



**Hartmann**

ES20-009-13=13mm  
ES20-009-15=15mm  
ES20-009-17=17mm



**LOVE**  
15cm / 6"  
ES20-011-15 18mm  
ES20-013-15 20mm  
ES20-015-15 22mm



**Fraenkel**  
18cm / 7"  
ES20-017-18



**Fraenkel**  
19cm / 7 1/2"  
ES20-019-19

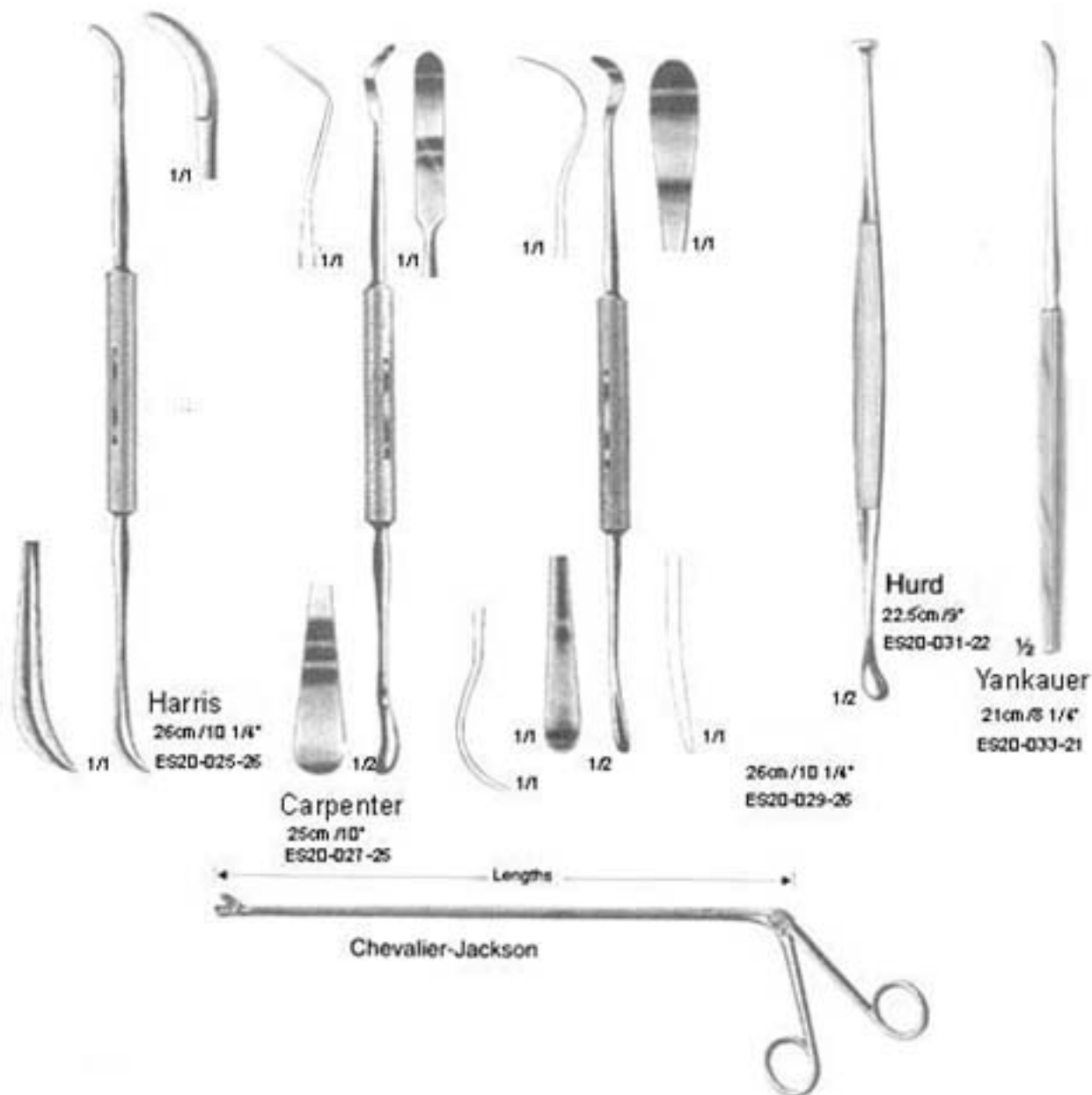


**Marschik**  
22cm / 8 3/4"  
ES20-021-2



**Nager**  
23cm / 9"

ES20-023-23



| Length |    |             |             |             |             |             |             |             |
|--------|----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| cm     | in |             |             |             |             |             |             |             |
| 30     | 12 | ES20-039-30 | ES20-041-30 | ES20-043-30 | ES20-045-30 | ES20-047-30 | ES20-049-30 | ES20-051-30 |
| 40     | 16 | ES20-039-40 | ES20-041-40 | ES20-043-40 | ES20-045-40 | ES20-047-40 | ES20-049-40 | ES20-051-40 |
| 50     | 20 | ES20-039-50 | ES20-041-50 | ES20-043-50 | ES20-045-50 | ES20-047-50 | ES20-049-50 | ES20-051-50 |
| 60     | 24 | ES20-039-60 | ES20-041-60 | ES20-043-60 | ES20-045-60 | ES20-047-60 | ES20-049-60 | ES20-051-60 |



|             | mirror | Ø |             |
|-------------|--------|---|-------------|
| ES20-053-08 | 8mm    | Ø | ES20-055-08 |
| ES20-053-10 | 10mm   | Ø | ES20-055-10 |
| ES20-053-12 | 12mm   | Ø | ES20-055-12 |
| ES20-053-14 | 14mm   | Ø | ES20-055-14 |
| ES20-053-16 | 16mm   | Ø | ES20-055-16 |
| ES20-053-18 | 18mm   | Ø | ES20-055-18 |
| ES20-053-20 | 20mm   | Ø | ES20-055-20 |
| ES20-053-22 | 22mm   | Ø | ES20-055-22 |
| ES20-053-24 | 24mm   | Ø | ES20-055-24 |
| ES20-053-26 | 26mm   | Ø | ES20-055-26 |
| ES20-053-28 | 28mm   | Ø | ES20-055-28 |
| ES20-053-30 | 30mm   | Ø | ES20-055-30 |

ES20-053-08  
ES20-053-30

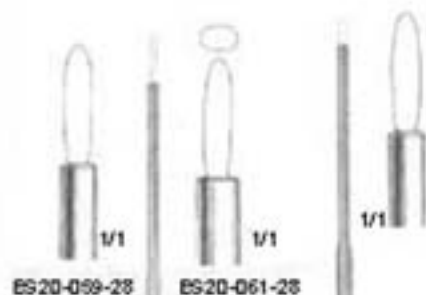
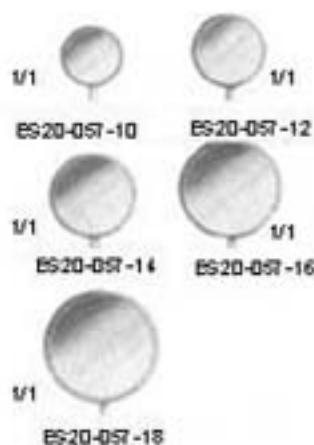
ES20-055-08  
ES20-055-30



**Michel**

25cm/10"

ES20-057-10  
ES20-057-18



ES20-059-28

ES20-061-28

1/1

1/1

1/3

1/3

1/3

1/2

1/2

1/2

1/2

**Eves**  
28cm/11"

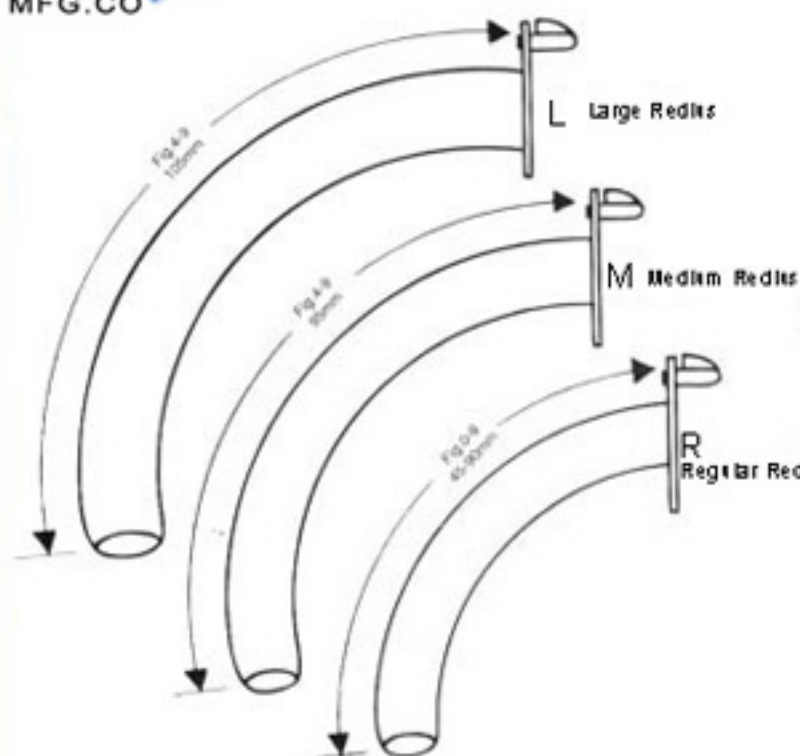
**Eves**  
28cm/11"  
ES20-063-28

**Bidenings**  
28cm/11"  
ES20-065-28

ES20-067-11

ES20-069-10

ES20-071-11

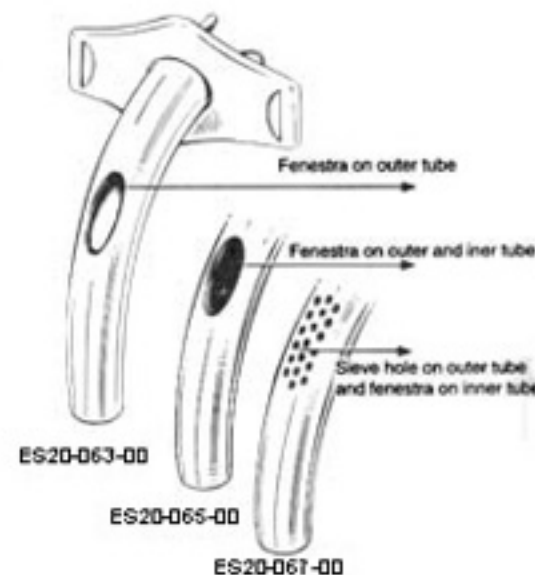


| Fig.1 | mm Ø | 45-90mm     | M 95mm      | R 105mm     |
|-------|------|-------------|-------------|-------------|
| 0     | 4    | ES20-075-04 |             |             |
| 1     | 5    | ES20-075-05 |             |             |
| 2     | 6    | ES20-075-06 |             |             |
| 3     | 7    | ES20-075-07 |             |             |
| 4     | 8    | ES20-075-08 | ES20-077-08 | ES20-079-08 |
| 5     | 9    | ES20-075-09 | ES20-077-09 | ES20-079-09 |
| 6     | 10   | ES20-075-10 | ES20-077-10 | ES20-079-10 |
| 7     | 11   | ES20-075-11 | ES20-077-11 | ES20-079-11 |
| 8     | 12   | ES20-075-12 | ES20-077-12 | ES20-079-12 |
| 9     | 13   | ES20-075-13 | ES20-077-13 | ES20-079-13 |



Chevalier-Jackson

| Fig.1 | mm Ø | 45-90mm     |
|-------|------|-------------|
| 0     | 4    | ES20-061-04 |
| 1     | 5    | ES20-061-05 |
| 2     | 6    | ES20-061-06 |
| 3     | 7    | ES20-061-07 |
| 4     | 8    | ES20-061-08 |
| 5     | 9    | ES20-061-09 |
| 6     | 10   | ES20-061-10 |
| 7     | 11   | ES20-061-11 |
| 8     | 12   | ES20-061-12 |
| 9     | 13   | ES20-061-13 |







ES20-087-00



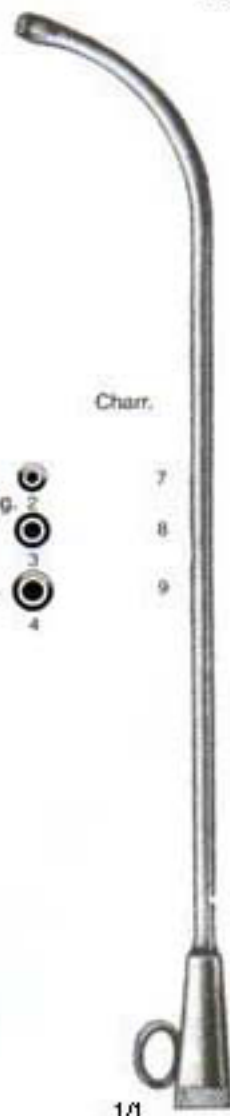
1/1



1/1



1/1



1/1

| Fig.1 | Hartmann    | Troeltsch   |
|-------|-------------|-------------|
| 0     | ES20-089-00 | ES20-091-00 |
| 1     | ES20-089-01 | ES20-091-01 |
| 2     | ES20-089-02 | ES20-091-02 |
| 3     | ES20-089-03 | ES20-091-03 |
| 4     | ES20-089-04 | ES20-091-04 |
| 5     | ES20-089-05 | ES20-091-05 |



| Fig.1 | Itard       | Hartmann      |
|-------|-------------|---------------|
| 1     | ES20-093-01 |               |
| 2     | ES20-093-02 | Charr.        |
| 3     | ES20-093-03 | ES20-095-02 7 |
| 4     | ES20-093-04 | ES20-095-03 8 |
| 5     | ES20-093-05 | ES20-095-05 9 |

Charr.

7

8

9



1/1







Roser  
14cm / 5 1/2"  
ES20-231-14

Blunt



Gross  
12cm / 4 3/4"  
ES20-233-12

Blunt-Sharp



Gross  
12cm / 4 3/4"  
ES20-235-12

Blunt



Gross  
12cm / 4 3/4"  
ES20-237-12

Blunt



Gross  
12cm / 4 3/4"  
ES20-239-12

Blunt-Sharp



Gross  
12cm / 4 3/4"  
ES20-241-12



16cm / 5 1/2"  
ES20-243-01  
ES20-245-02

Blunt



Billeau  
16.5cm / 5 1/2"

Blunt



Moldenhuer  
16.5cm / 5 1/2"  
ES20-257-16

Blunt



Zaufal  
16.5cm / 5 1/2"  
ES20-259-16

Blunt



Hartman  
16.5cm / 5 1/2"  
ES20-261-16

Blunt

Loops

Foreign Body Levers

Hooklet Sharp



1/2

**Yankauer**  
16cm / 6 1/2"  
ES20-263-16



1/2

**Lucae**  
19cm / 7 1/2"  
ES20-265-19



1/2

**Muck**  
13.5cm / 5 1/2"  
ES20-267-13



1/2

**Politzer**  
13.5cm / 5 1/2"  
ES20-269-13



1/2

**Lempert**  
15cm / 6"  
ES20-271-15



1/1  
ES20-273-15  
1/1  
ES20-275-15

1/2  
15cm / 6"

**Lempert**  
15cm / 6"



**Voltolini**  
ES20-277-01 ES20-277-03



1/1

ES20-277-01



1/1

ES20-277-02



1/1

ES20-277-03



1/1

6.5cm / 2 3/4"  
ES20-279-01



1/1

6.5cm / 2 3/4"  
ES20-285-01



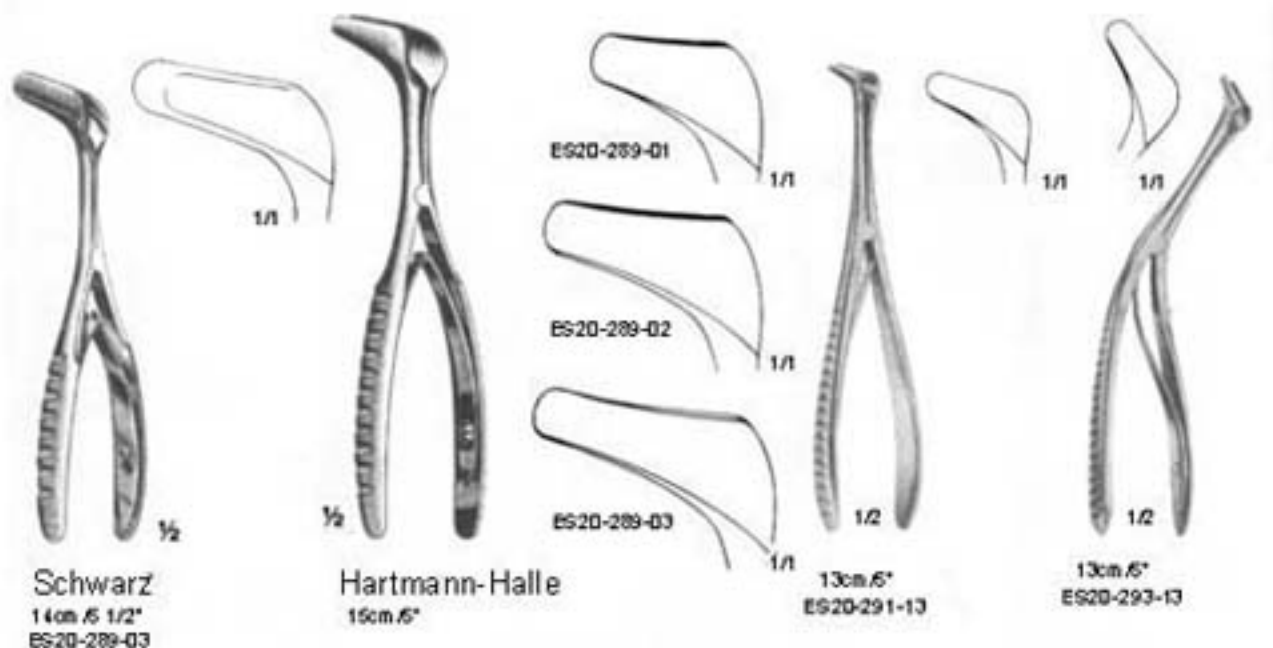
1/1

6.5cm / 2 3/4"  
ES20-285-02



1/1

6.5cm / 2 3/4"  
ES20-285-03



Straight

Curved





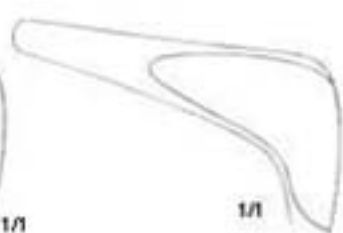
**Mod. Wien**  
14.5cm / 5 1/4"  
ES20-311-14



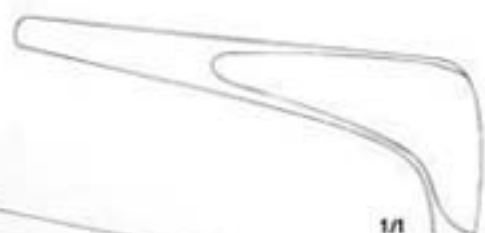
**Cottle**  
15cm / 5"  
ES20-313-35-90



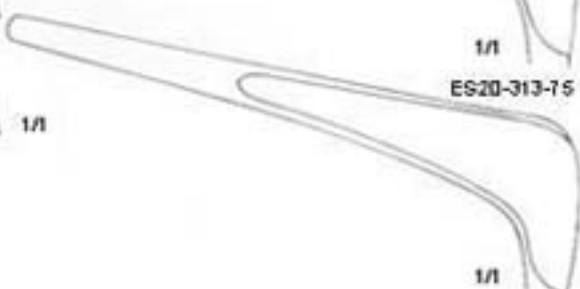
ES20-313-35



ES20-313-60



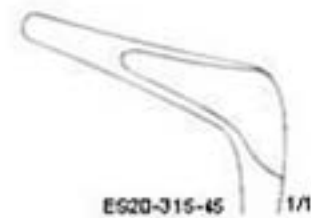
ES20-313-75



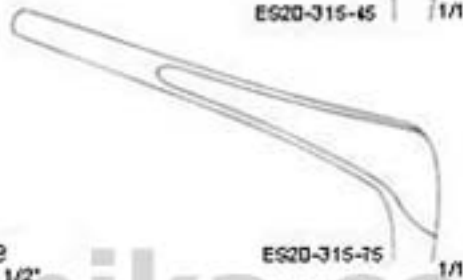
ES20-313-90



**Cottle**  
14cm / 5 1/2"  
ES20-315-45-75



ES20-315-45



ES20-315-75





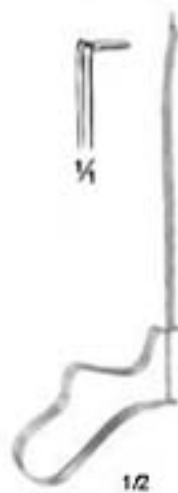
**Hartmann**  
20cm/8"  
ES20-327-00



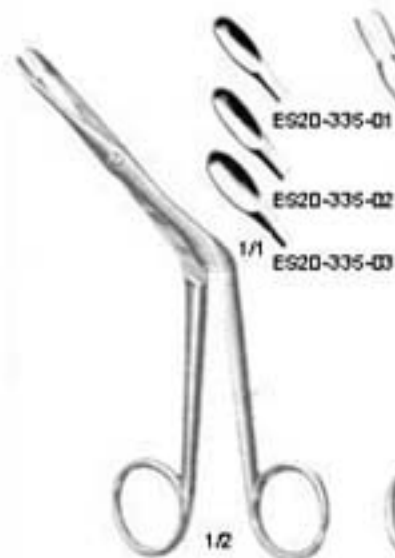
**Littauer**  
18cm/7"  
ES20-329-15



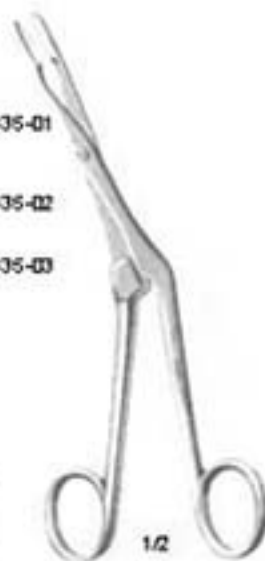
**Killian**  
17cm/6 3/4"  
ES20-331-17



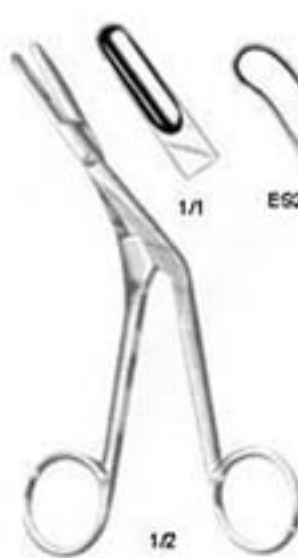
**Quire**  
12cm/4 3/4"  
ES20-333-12



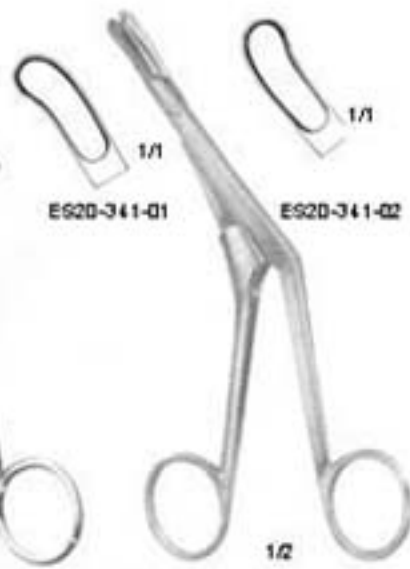
**Heymann**  
18cm/7"



**Knight**  
18cm/7"  
ES20-337-15

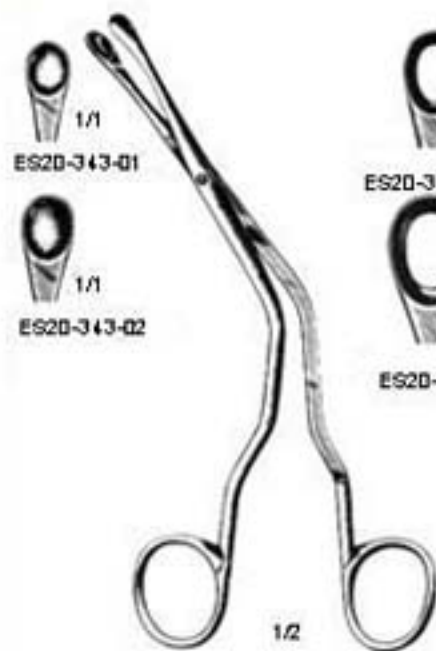


**Craig**  
18cm/7"  
ES20-339-15

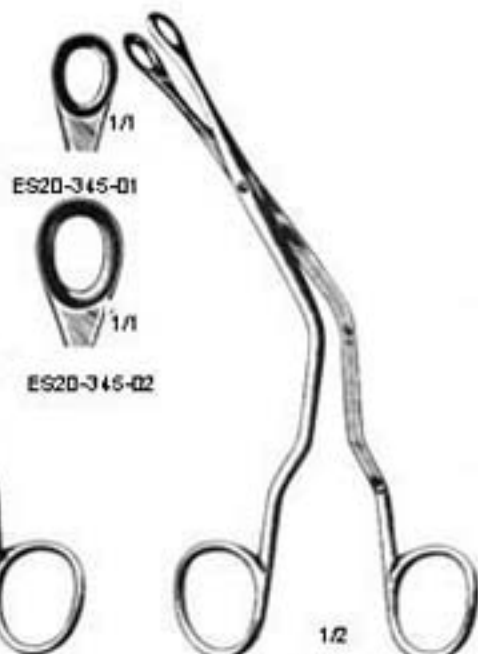


**ES20-341-01 ES20-341-02**  
18cm/7"

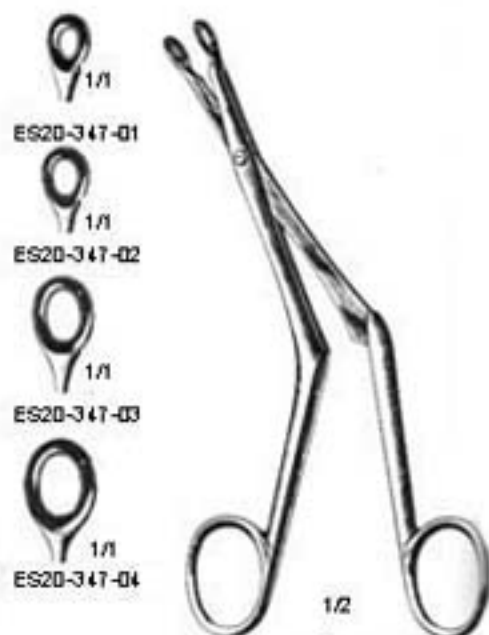




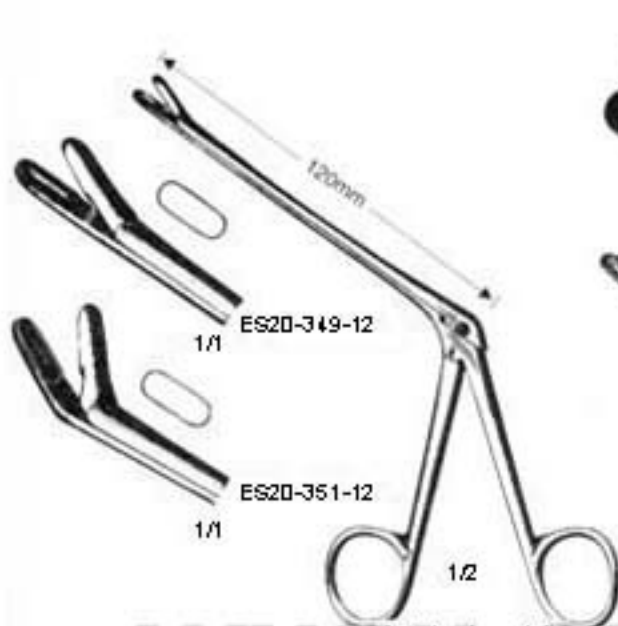
Luc  
20cm/8"



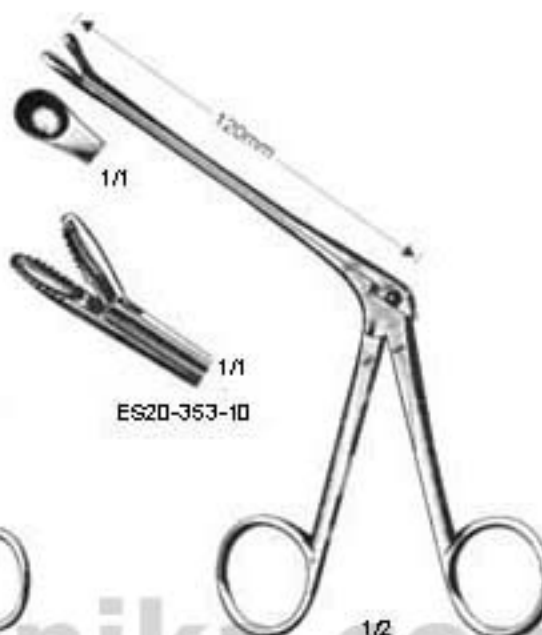
Luc  
20cm/8"



Bruenings  
19cm/7 1/2"



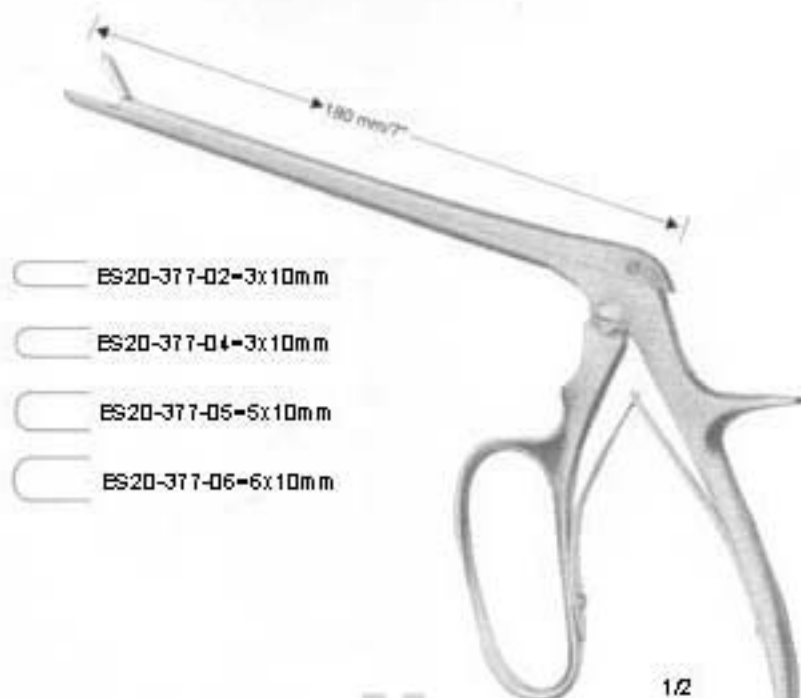
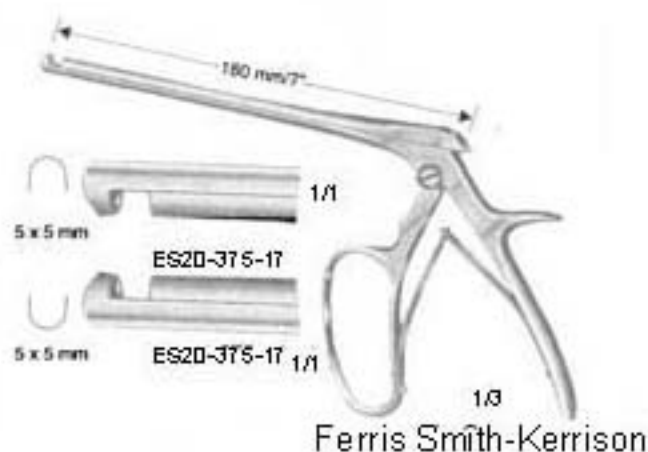
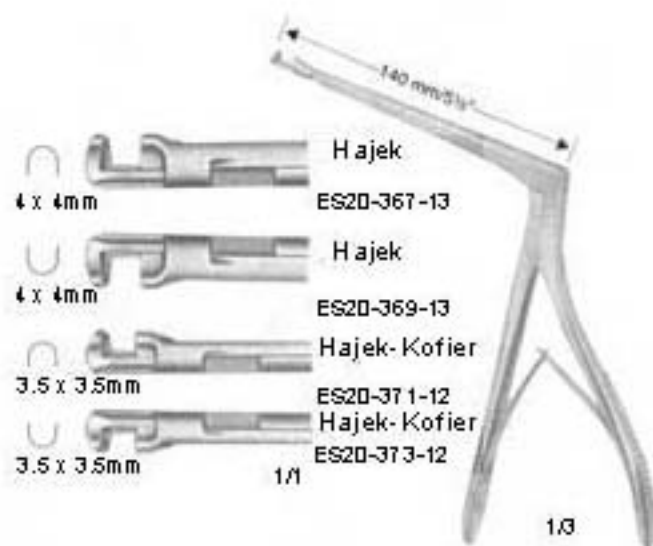
Takahashi  
19cm/7 1/2"



Watson Williams  
19cm/7 1/2"



Weil  
19cm/7 1/2"



Ferris Smith-Cushing



Chalellier  
22cm 8 1/4"



ES20-379-01



ES20-379-02



ES20-379-03



ES20-381-01

4 x 4 mm

4m m

5 x 5 mm

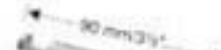
ES20-381-02

5m m

6 x 6 mm

ES20-381-03

6m m



Kerrison  
20cm 8"

1/3



1/2

Ballenger  
ES20-383-03  
ES20-383-05



1/1

ES20-383-03  
ES20-385-03  
3mm



1/1

ES20-383-04  
ES20-385-04  
4mm



1/1

ES20-383-05  
ES20-385-05  
5mm



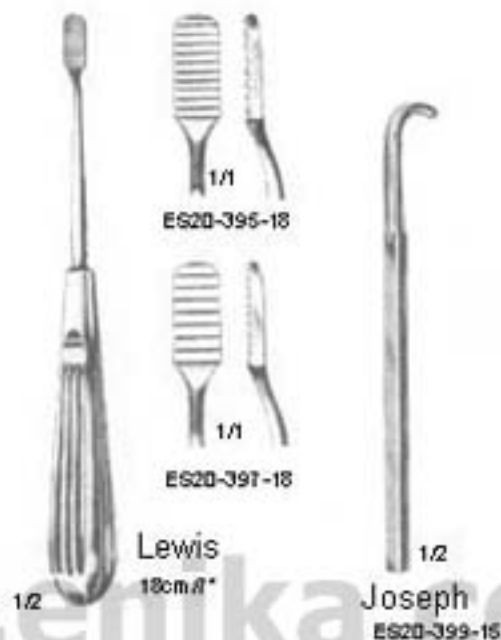
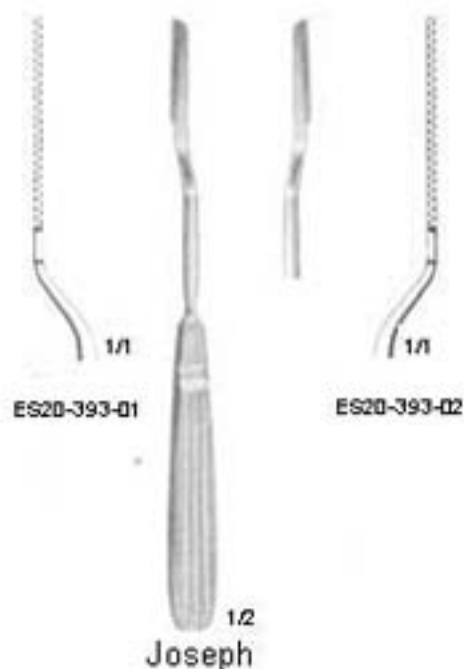
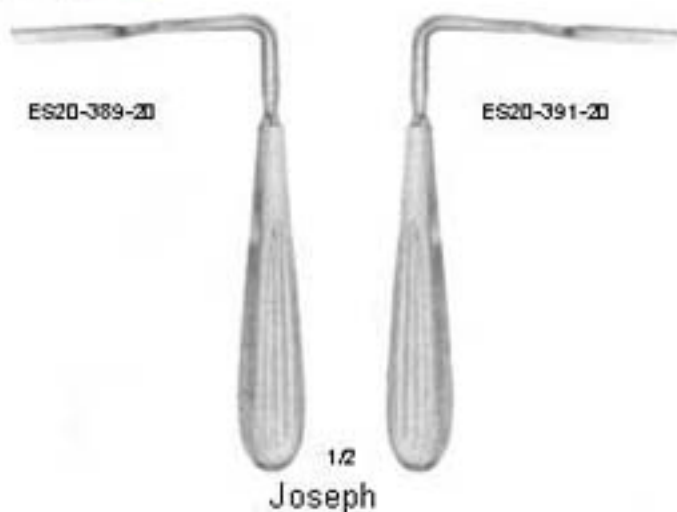
1/2

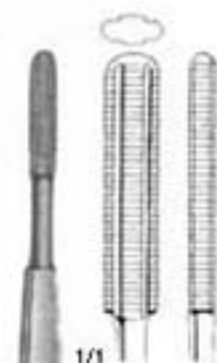
Ballenger  
ES20-385-03  
ES20-385-05



1/2

Killian  
ES20-387-03





1/1

1/2

**Maltz**

18cm / 7"

ES20-401-18



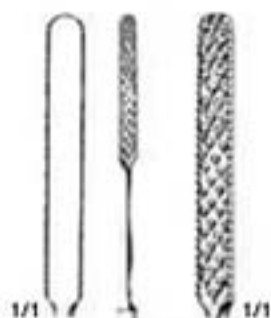
1/1

1/2

**Joseph**

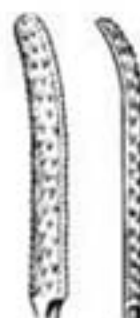
16cm / 6 1/4"

ES20-403-01

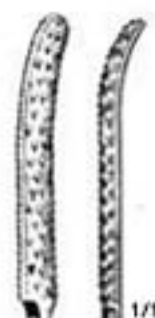


1/1

ES20-405-01



ES20-405-02



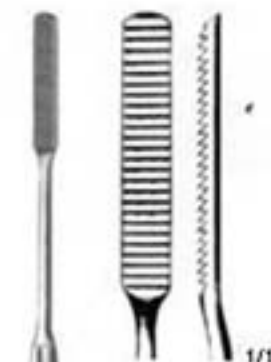
ES20-405-03



1/2

**Gallaher**

16cm / 6 1/4"



1/1

**Cottle**

21cm / 8 1/4"

ES20-407-21



1/1

ES20-409-21



1/1

ES20-411-21

**Aufricht**

21cm / 8 1/4"



**Vogel**  
21cm. 8 1/4"  
ES20-423-21



**Beckmann**  
21cm. 8 3/4"  
ES20-425-01 ES20-426-05



**Beckmann**  
21cm. 8 3/4"  
ES20-426-01  
ES20-426-06



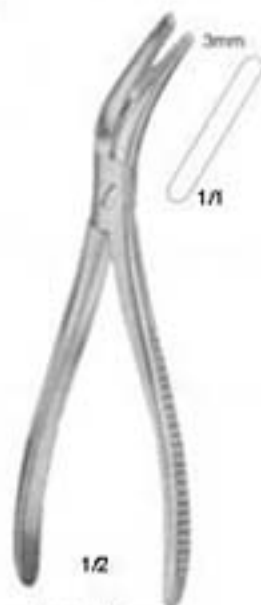
**Beckmann**  
21cm. 8 3/4"  
ES20-431-03



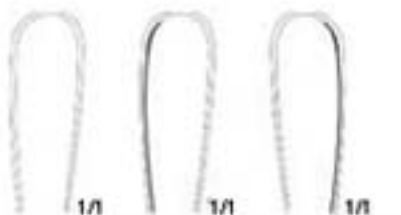




1/2  
**Kressner**  
20cm/8"  
ES20-435-22



1/2  
**Joseph**  
18cm/7"  
ES20-437-18



ES20-439-01 ES20-439-02 ES20-439-03

1/2  
**Cottle-Walsham**  
23cm/9"  
ES20-439-01 ES20-439-03



**Bruenings-Brunk**  
19cm/7 1/2"  
ES20-441-19 1/2



1/2  
**Asch**  
23cm/9"  
ES20-443-23



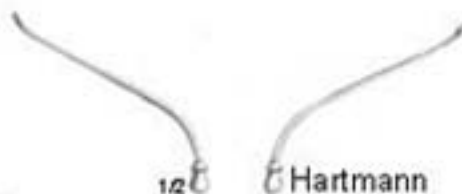
1/2  
**Hajek**  
ES20-445-15-1.5m mD  
ES20-445-20-2.0m mD



1/2  
**Hartmann**  
ES20-447-20-2.0m mD  
ES20-447-25-3.0m mD  
ES20-447-30-3.0m mD



**Myles**  
1.8 mm



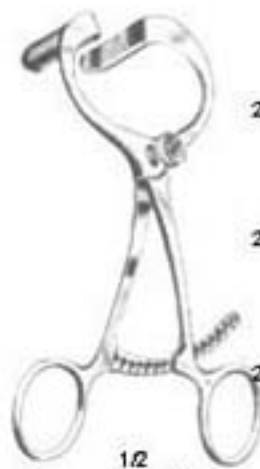
**Hartmann**

Fig.1 mm Fig.2

ES20-449-09-9cm/3 1/2" ES20-451-20 3.0 ES20-453-20  
ES20-449-10-10cm/4" ES20-451-25 3.5 ES20-453-25  
ES20-449-11-11.5cm/4 1/2" ES20-451-30 3.0 ES20-453-30



1/2  
**Heister**  
13cm/5"  
ES20-455-13



1/2  
**Doyen-Collin**  
13cm/5"  
ES20-457-13

22 x 85 mm ES20-459-01

22 x 85 mm ES20-459-02

22 x 85 mm ES20-459-03



1/2  
**McIvor**  
ES20-459-00



ES20-459-10



1/2  
**Molt**  
11cm/4 1/2"  
ES20-461-11



1/2  
**Molt**  
14cm/5 1/2"  
ES20-463-14



1/2  
**Denhart**  
12cm/4 3/4"  
ES20-465-12



1/2  
**Roser-Konig**  
ES20-467-16=16cm/6 1/4"  
ES20-467-19=19cm/7 1/2"



Kilner-Doughty  
ES20-469-00

1/2  
ES20-469-01  
Fig.1



1/2  
ES20-469-02  
Fig.2



1/2  
ES20-469-03  
Fig.3



1/2  
Kroenig  
15cm/6"  
ES20-471-15



1/2  
Mayo  
17.5cm/6 1/4"  
ES20-473-17



1/2  
Bruenings  
19cm/7 1/2"  
ES20-475-19



1/2  
Collin  
16.5cm/6 1/2"  
ES20-477-16



1/2  
16.5cm/6 1/2"  
ES20-479-16



1/2  
Frenzel  
16.5cm/6 1/2"  
ES20-481-16



1/1



Simplex  
11cm / 4 1/2"  
ES20-483-11



Stemberg



Stemberg

|             | cm | in     |             |
|-------------|----|--------|-------------|
| ES20-485-14 | 12 | 4 1/4" | ES20-487-12 |
| ES20-485-16 | 14 | 5 1/2" | ES20-487-14 |
| ES20-485-18 | 16 | 6 1/4" | ES20-487-16 |
|             | 18 | 7"     |             |



1/2  
19cm / 7 1/2"  
ES20-489-19



1/2  
21cm / 8 1/4"  
ES20-491-21



Bishop  
13cm / 5"  
ES20-493-13



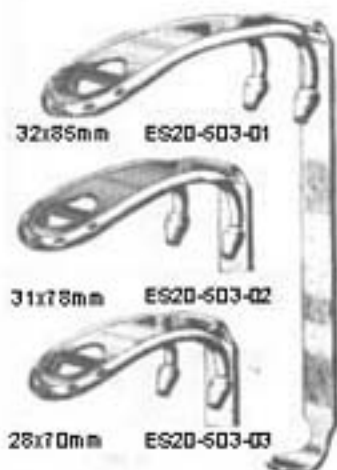
Moritz-Schmidt  
19cm / 7 1/2"  
ES20-495-19



Tobold  
14.5cm / 5 1/2"  
ES20-497-14



Hartmann  
15cm / 6"  
ES20-499-15



32x85mm ES20-503-01

31x78mm ES20-503-02

28x70mm ES20-503-03

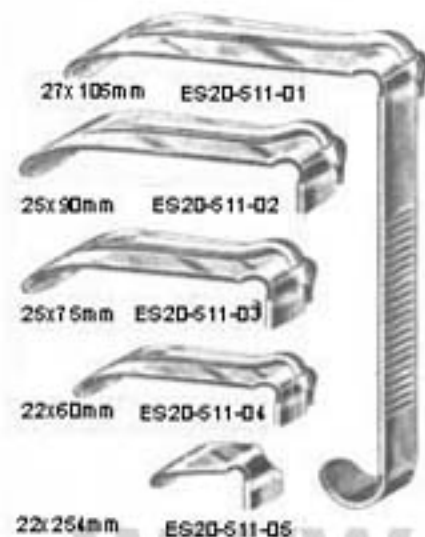
Negus

ES20-501-00



ES20-503-10

1/2



27x105mm ES20-511-01

25x90mm ES20-511-02

25x75mm ES20-511-03

22x60mm ES20-511-04

22x54mm ES20-511-05



1/2

Davis Boyle

ES20-511-00

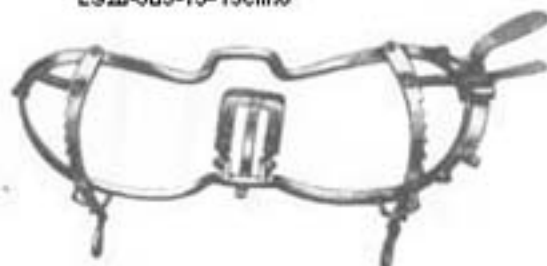


Whitehead

ES20-505-11-11cm/4 1/4"

ES20-505-13-15cm/6"

ES20-505-15-15cm/6"



Whitehead

ES20-507-13-13cm/5"



Jennings

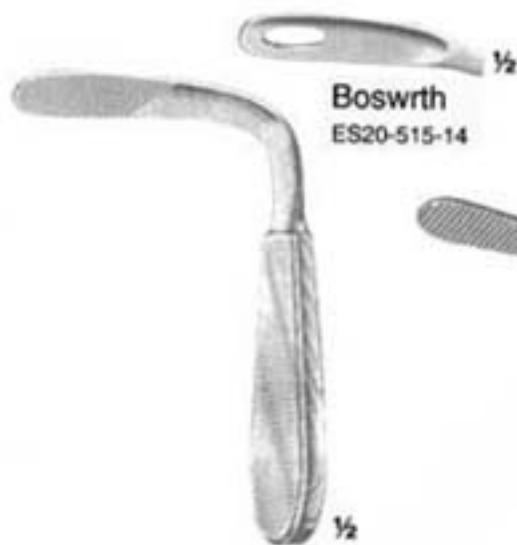
ES20-509-09-9cm/3 1/2"

ES20-509-11-11cm/4 1/2"

ES20-509-13-13cm/5"

ES20-509-16-16cm/6"





**Tobold**  
14.5cm/5 1/2"  
ES20-513-14



**Andrew**  
11cm/4 1/2"  
ES20-517-11



**Wieder**



**Tobold**  
12cm/4 3/4"  
ES20-521-12



**Martin-Zuwalix**  
ES20-523-00



14.5 cm/5 3/4"  
ES20-525-14



14.5 cm/5 3/4"  
ES20-527-14



**Doyen**  
ES20-529-13 - 13cm/5"  
ES20-529-16 - 16cm/6 1/4"





May-Hegar

|                                                                                   |                                                                                   |                                                                                  |                                                                                   |                                                                                    |                                                                                    |                                                                                    |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| 1/1                                                                               |                                                                                   |                                                                                  |                                                                                   |                                                                                    |                                                                                    |                                                                                    |
| 14cm / 5 1/2"                                                                     | 16cm / 6 1/4"                                                                     | 18cm / 7"                                                                        | 20cm / 8"                                                                         | 23cm / 9"                                                                          | 26cm / 10 1/2"                                                                     | 30cm / 10 1/2"                                                                     |
| ES21-001-14                                                                       | ES21-001-16                                                                       | ES21-001-18                                                                      | ES21-001-20                                                                       | ES21-001-23                                                                        | ES21-001-26                                                                        | ES21-001-30                                                                        |



Crile-Wood(Newman)

|                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |
|                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
| 15cm / 6"                                                                         | 18cm / 7"                                                                         | 20cm / 8"                                                                          | 23cm / 9"                                                                           | 26cm / 10 1/4"                                                                      |
| ES21-002-15                                                                       | ES21-002-18                                                                       | ES21-002-20                                                                        | ES21-002-23                                                                         | ES21-002-26                                                                         |



17 cm  $\phi$  1/4"  
ES21-005-17



19 cm  $\phi$  1/4"  
ES21-005-19



17 cm  $\phi$  1/4"  
ES21-006-17



19 cm  $\phi$  1/4"  
ES21-006-19



Mathieu-Stille



Metzenbaum



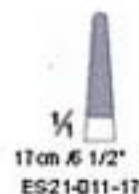
Mathieu



Mathieu



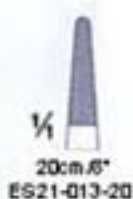
Mathieu



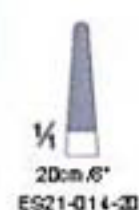
Langenbeck



Langenbeck

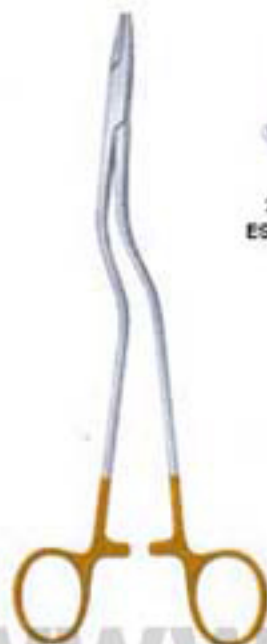
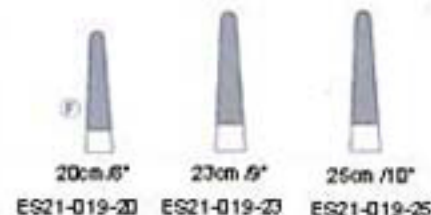


Zweifel

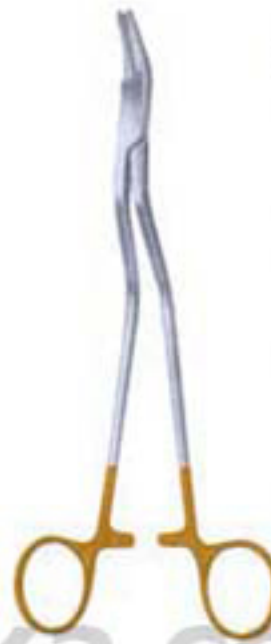
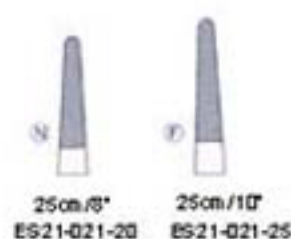




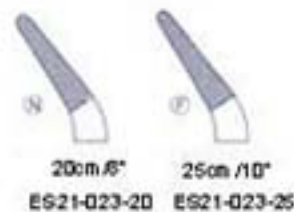
Luthy-Beck



Masson-Luthy



Bozemann-finochietto





Kilner



Olsen-Hegar(mini)



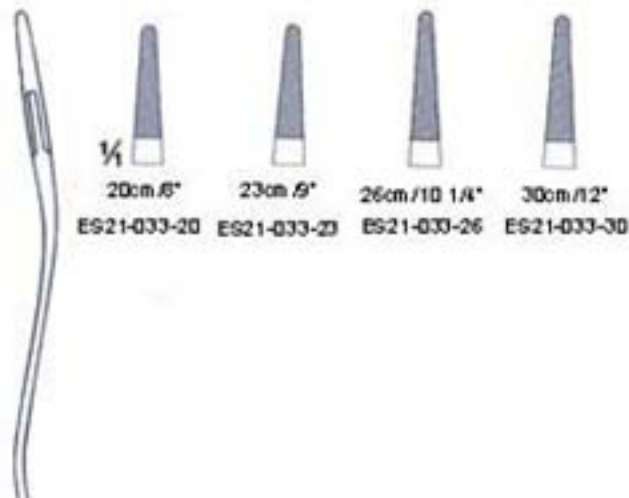
Gillies(mini)



Hegar



Bozemann





Deft (Halsey)



Deft (Halsey)

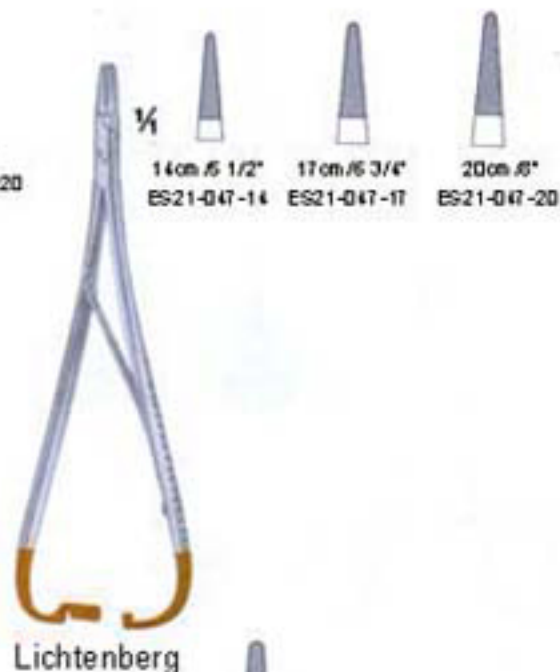
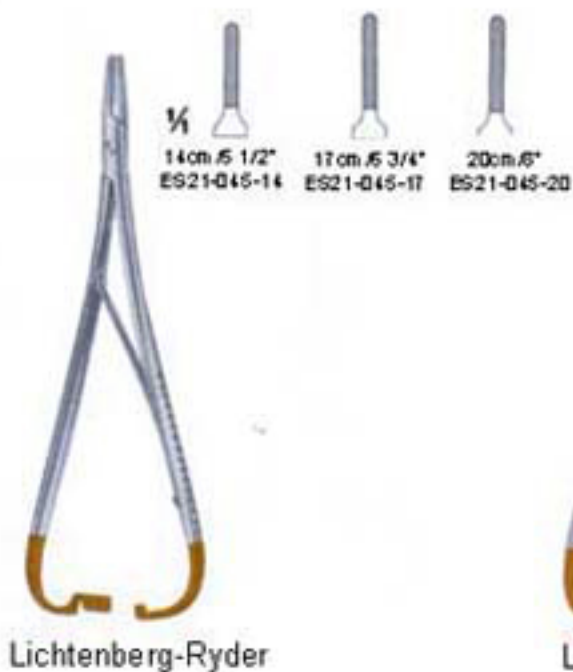


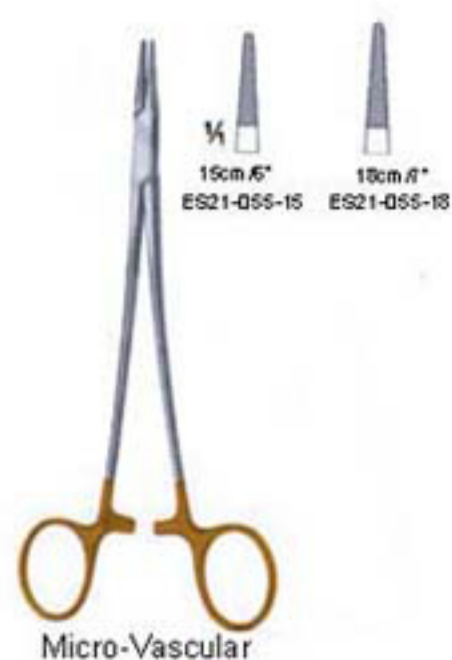
Webster



Baumgartner





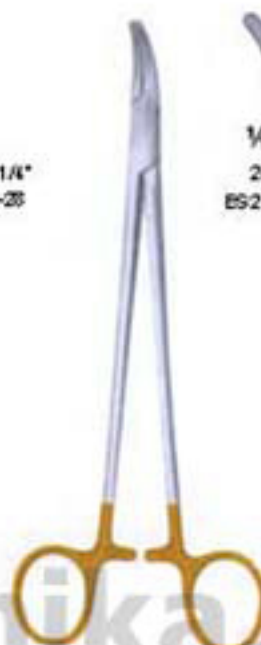
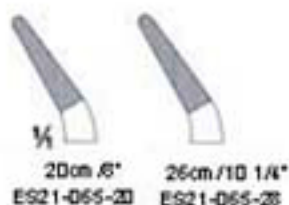




Crile-wood



Finochietto



Heaney







Stratte



$\frac{1}{4}$

20cm/8"

ES21-007-20



23cm/9"

ES21-007-23



$\frac{1}{4}$

23cm/9"

ES21-009-23

Stratte reverse



Gillies



$\frac{1}{4}$

16cm/6 1/4"

ES21-081-16



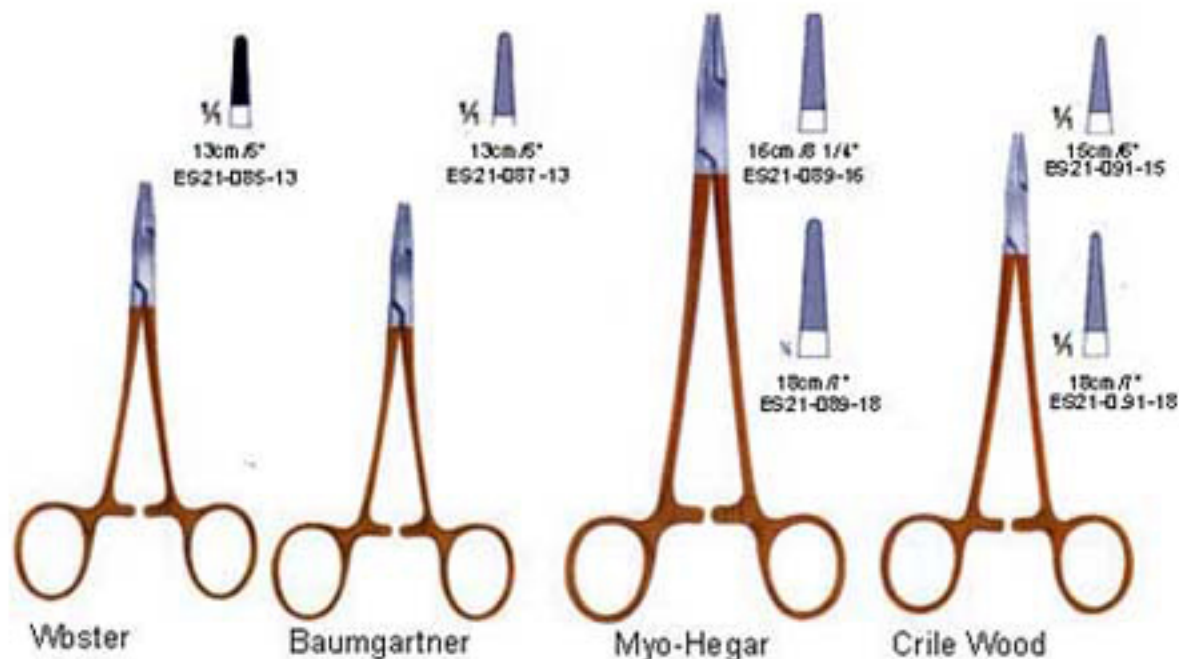
Neivert  
(offset Ring)



$\frac{1}{4}$

13cm/5"

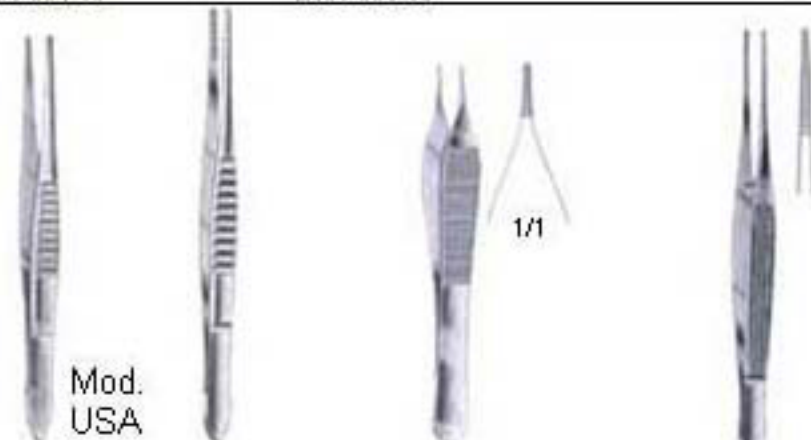
ES21-083-13







| cm   | in.   | Standard    | Standard    | Narrow      |             |             | 1/2 | 1/1         | Mod.Martin  |
|------|-------|-------------|-------------|-------------|-------------|-------------|-----|-------------|-------------|
| 10.5 | 4 1/4 | ES03-001-10 |             |             |             |             |     |             |             |
| 11.5 | 4 1/2 | ES03-001-11 | ES03-002-11 | ES03-003-11 |             |             |     |             |             |
| 13   | 5     | ES03-001-13 | ES03-002-13 | ES03-003-13 | ES03-004-13 | ES03-005-13 |     |             | ES03-007-13 |
| 14.5 | 5 1/2 | ES03-001-14 | ES03-002-14 | ES03-003-14 | ES03-004-14 | ES03-005-14 |     |             | ES03-007-14 |
| 15   | 6     |             |             |             |             |             |     | ES03-006-15 |             |
| 16   | 6 1/4 | ES03-001-16 | ES03-002-16 | ES03-003-16 | ES03-004-16 |             |     |             |             |
| 18   | 7     | ES03-001-18 | ES03-002-18 | ES03-003-18 |             |             |     |             |             |
| 20   | 8     | ES03-001-20 | ES03-002-20 | ES03-003-20 |             |             |     |             |             |
| 25   | 10    | ES03-001-25 |             | ES03-003-25 |             |             |     |             |             |
| 30   | 12    | ES03-001-30 |             | ES03-003-30 |             |             |     |             |             |

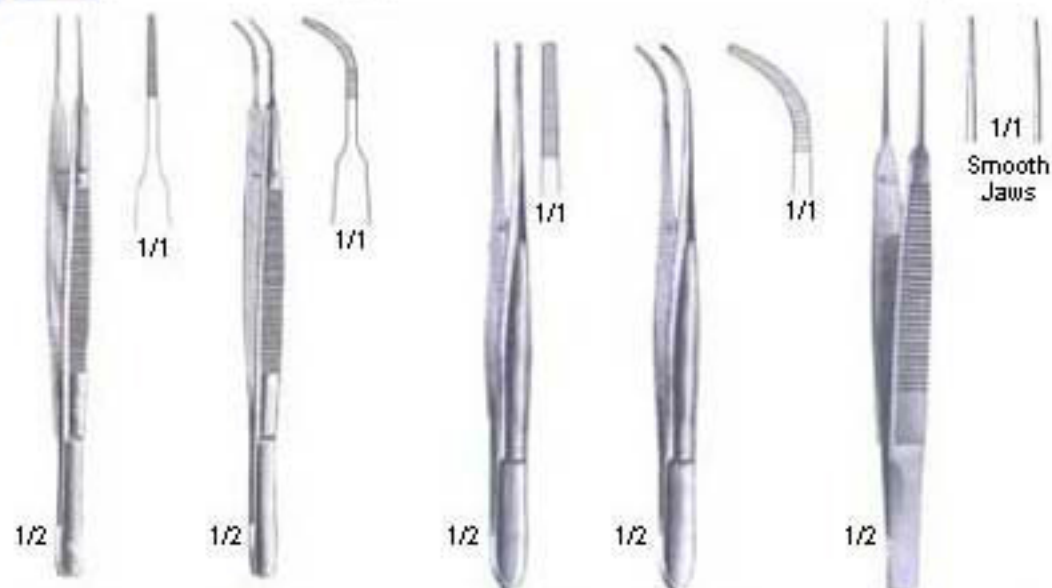


Standard

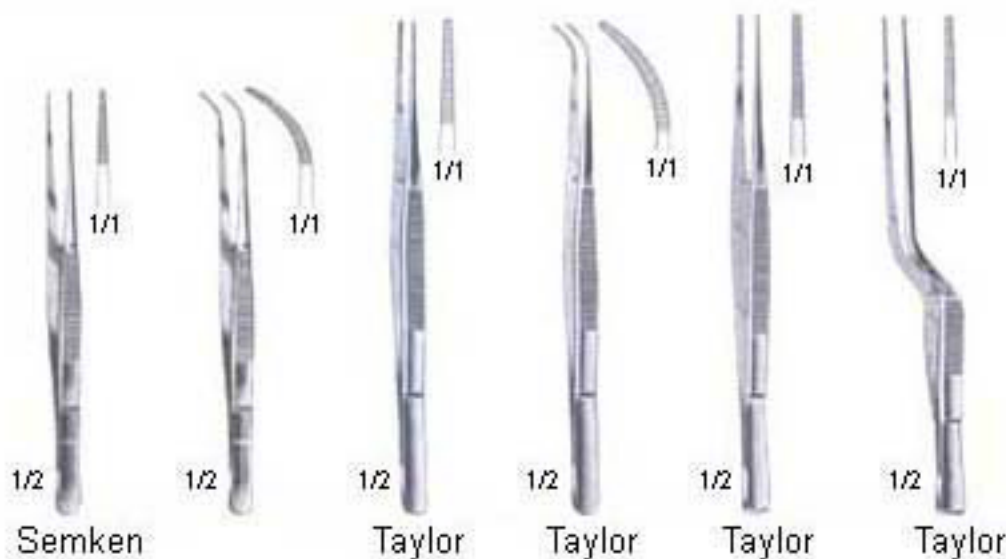
Adson

1/2  
McIndoe  
15cm/6"  
ES03-011-15

# Dressing and Tissue Forceps



| cm   | in. | Gerald        | Gerald        | Cushing     | Cushing     |             |
|------|-----|---------------|---------------|-------------|-------------|-------------|
| 14   | 5   |               |               |             |             | ES03-016-14 |
| 17.5 | 7   |               |               | ES03-014-17 | ES03-015-17 |             |
| 18   | 7   | ES03-1-012-18 | ES03-1-013-18 |             |             | ES03-016-18 |



| cm   | in. | Semken      | Taylor      | Taylor      | Taylor      | Taylor      |
|------|-----|-------------|-------------|-------------|-------------|-------------|
| 12.5 | 5   | ES03-017-12 | ES03-018-12 |             |             |             |
| 15.5 | 6   | ES03-017-15 | ES03-018-15 |             |             |             |
| 17.5 | 7   |             | ES03-019-17 | ES03-020-17 | ES03-021-17 | ES03-022-17 |



Potts-Smith



1/1



1/2

Brophy



1/1

1/2

Brophy



1/2

Duehrssen



1/2

Wangensteer

1/1



cm in.

18 7 ES02-028-18 ES02-024-18

20 8 ES02-025-20

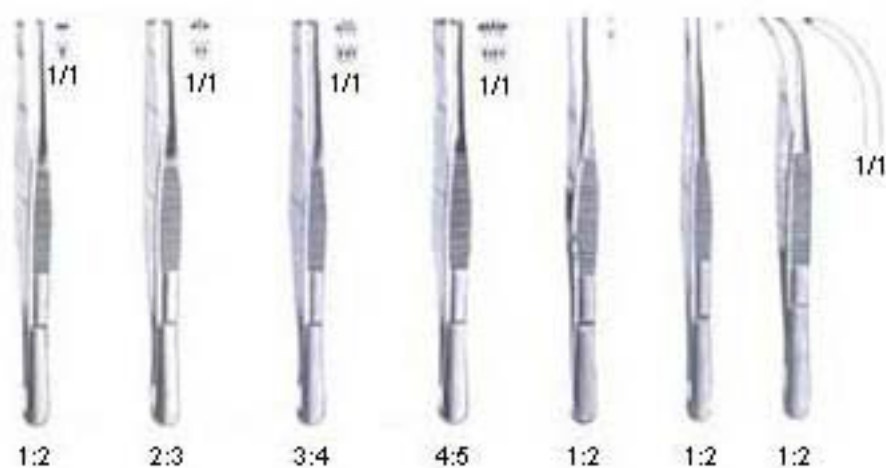
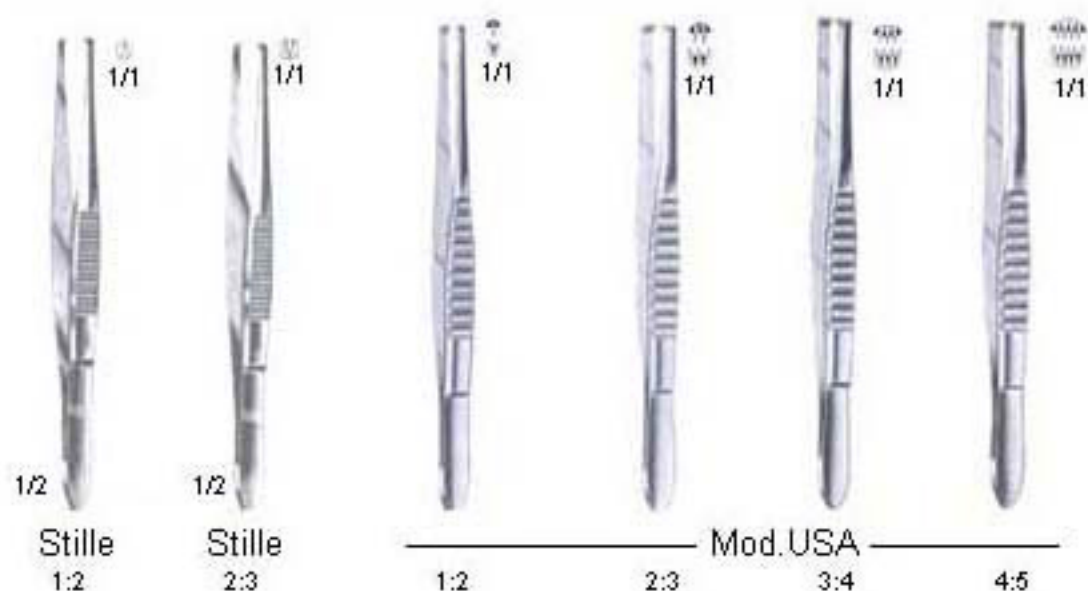
ES02-026-20

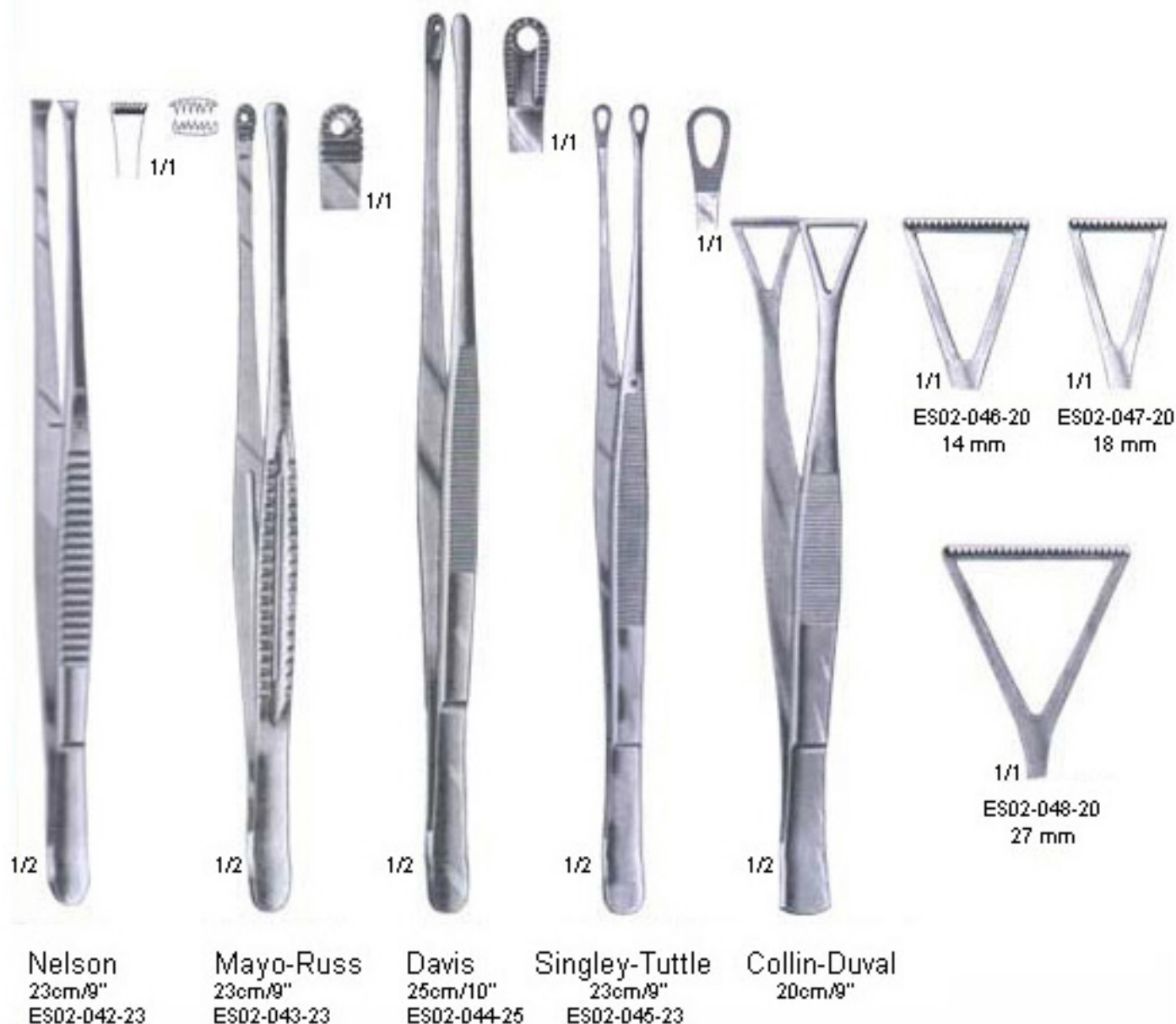
ES02-027-20

21 8 1/4 ES02-028-21 ES02-024-21

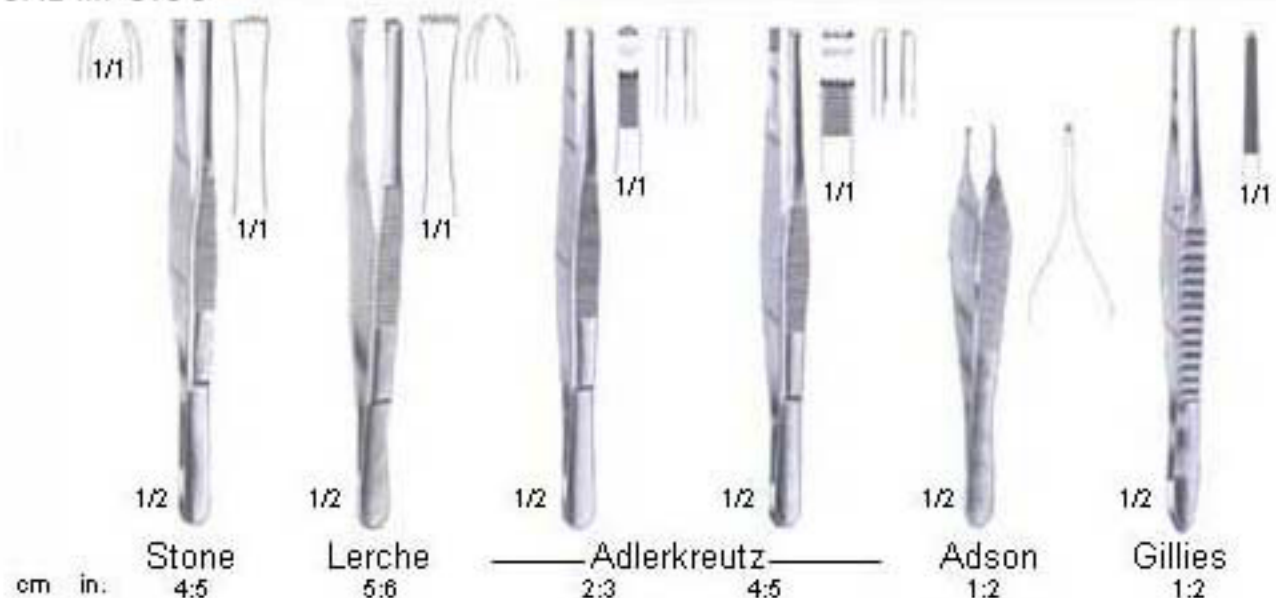
25 10 ES02-028-25 ES02-024-25

23cm/9"  
ES02-028-23

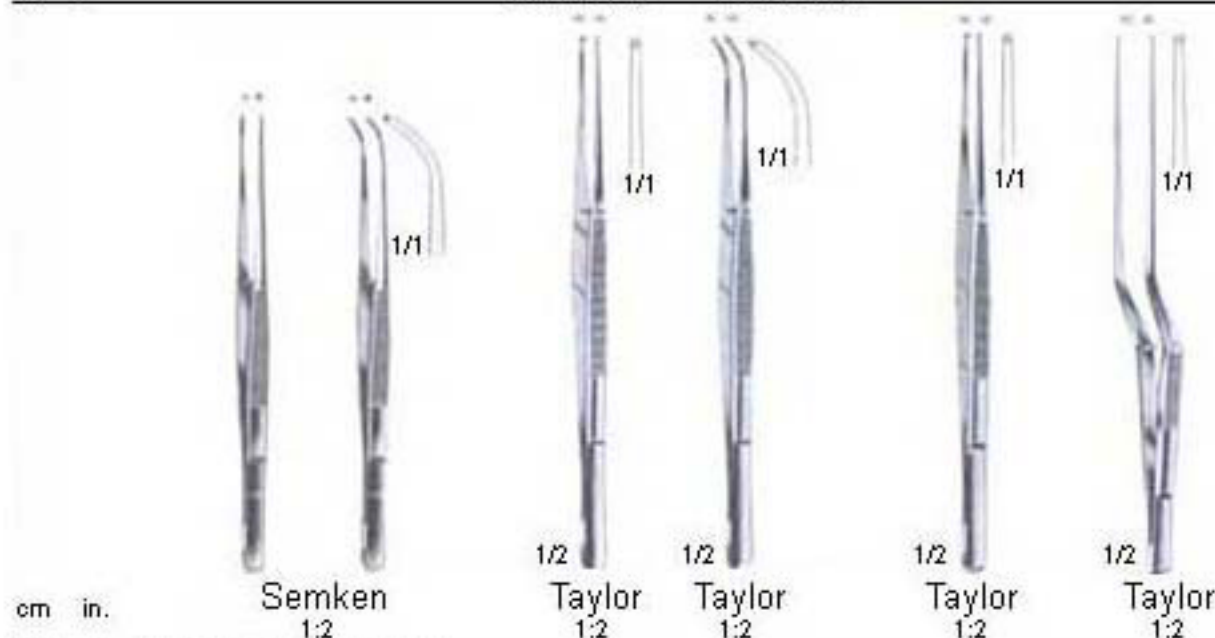








|    |       |             |             |             |             |             |             |
|----|-------|-------------|-------------|-------------|-------------|-------------|-------------|
| 12 | 4 3/4 |             |             |             |             | ES03-053-12 |             |
| 15 | 6     | ES03-049-15 | ES03-050-15 | ES03-051-15 | ES03-052-15 | ES03-053-15 | ES03-054-15 |
| 20 | 8     |             |             | ES03-051-20 | ES03-052-20 |             |             |



|      |   |             |             |             |             |             |             |
|------|---|-------------|-------------|-------------|-------------|-------------|-------------|
| 12.5 | 5 | ES03-055-12 | ES03-056-12 |             |             |             |             |
| 15   | 6 | ES03-055-15 | ES03-056-15 |             |             |             |             |
| 17.5 | 7 |             |             | ES03-057-17 | ES03-058-17 | ES03-059-17 | ES03-060-17 |





1/2  
Duehrssen  
20cm/8"



1/2  
Duval  
14cm/5 1/2"



Russ.  
Modell



Durante

| cm   | in.   |             |
|------|-------|-------------|
| 14.5 | 5 1/2 | ES03-064-14 |
| 15   | 6     | ES03-063-15 |
| 16   | 6 1/4 | ES03-064-16 |
| 20   | 8     | ES03-063-20 |
| 25   | 10    | ES03-063-25 |



1/2  
Ferris-Smith  
18cm/7"

ES03065-18 ES03066-18



1/2



Stille-Barraya

1/1

ES03-067-18 18cm/7"  
ES03-067-20 20cm/8"  
ES03-067-25 25cm/10"



1/2  
Bonney  
18cm/7"  
ES03068-18



1/2  
Bonney  
18cm/7"  
ES03069-18



1/1

38mm/1 1/2"  
ES04-001-3



38mm/1 1/2"  
ES04-002-3



51mm/2"  
ES04-003-5



60mm/2 1/2"  
ES04-004-6



60mm/2 1/2"  
ES04-005-6



60mm/2 1/2"  
ES04-006-6

Dieffenbach



1/1

ES04-007-49

ES04-008-53

ES04-008-53

ES04-010-43

ES04-011-45

ES04-012-50

|        | ES04-007-49 | ES04-008-53 | ES04-008-53 | ES04-010-43 | ES04-011-45 | ES04-012-50 |
|--------|-------------|-------------|-------------|-------------|-------------|-------------|
| Length | 49 mm       | 53 mm       | 59 mm       | 43 mm       | 45 mm       | 50 mm       |
| Jaws   | 8 mm        | 12 mm       | 20 mm       | 8 mm        | 12 mm       | 20 mm       |

Diethrich



1/1

ES04-013-54

ES04-014-53

ES04-015-49

|        | ES04-013-54 | ES04-014-53 | ES04-015-49 |
|--------|-------------|-------------|-------------|
| Length | 54 mm       | 43 mm       | 49 mm       |
| Jaws   | 20 mm       | 13 mm       | 18 mm       |

Diethrich



Wickham Mini

|        | ES04-024-49 | ES04-025-54 | ES04-026-61 |
|--------|-------------|-------------|-------------|
| Length | 49 mm       | 54 mm       | 61 mm       |
| Jaws   | 13 mm       | 18 mm       | 25 mm       |



|        | ES04-027-47 | ES04-028-51 | ES04-029-55 |
|--------|-------------|-------------|-------------|
| Length | 47 mm       | 51 mm       | 55 mm       |
| Jaws   | 13 mm       | 18 mm       | 25 mm       |



ES04-031-35



ES04-032-35



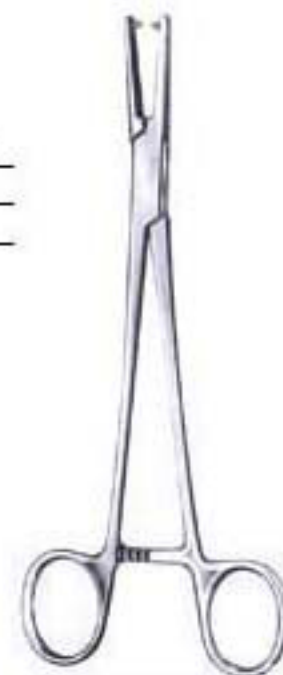
ES04-033-35



ES04-034-35

Mini Glover (Weldon)

|        |       |
|--------|-------|
| Length | 35 mm |
| Jaws   | 14 mm |



Wickham  
24cm/9 1/2"  
ES04-030-24



DeBakey

1/1



|        | ES04-035-08 | ES04-036-09 | ES04-037-10 | ES04-038-12 |
|--------|-------------|-------------|-------------|-------------|
| Length | 80 mm       | 90 mm       | 105 mm      | 125 mm      |
| Jaws   | 20 mm       | 30 mm       | 45 mm       | 68 mm       |

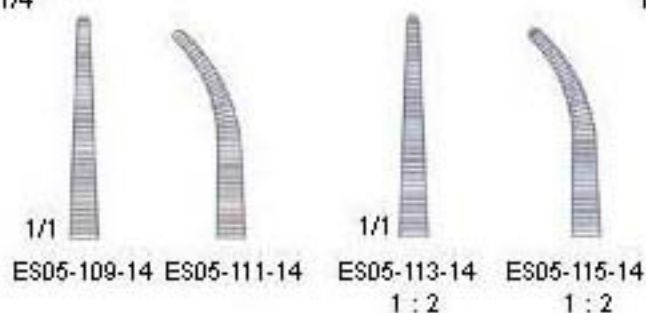
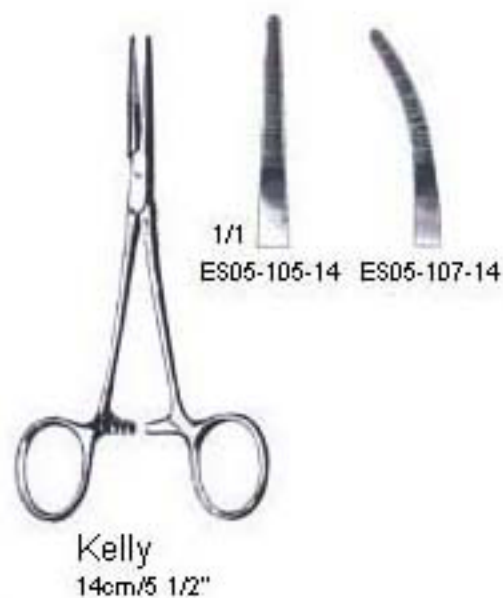
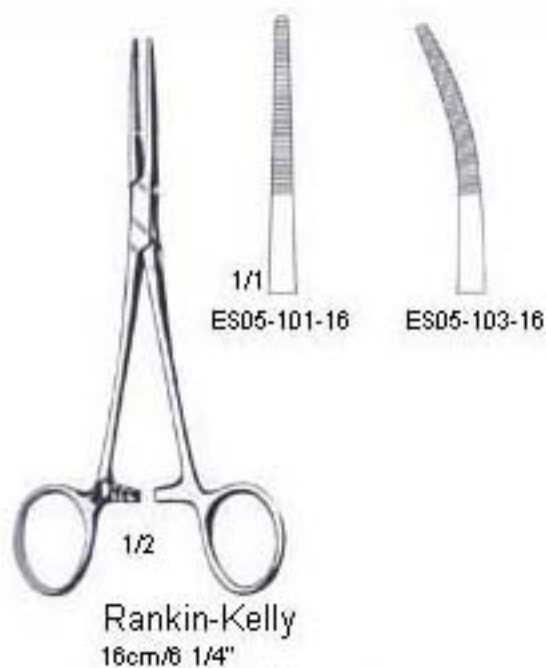


DeBakey

1/1



|        | ES04-043-18 | ES04-044-09 | ES04-045-10 | ES04-046-72 |
|--------|-------------|-------------|-------------|-------------|
| Length | 75 mm       | 85 mm       | 95 mm       | 115 mm      |
| Jaws   | 20 mm       | 30 mm       | 45 mm       | 68 mm       |



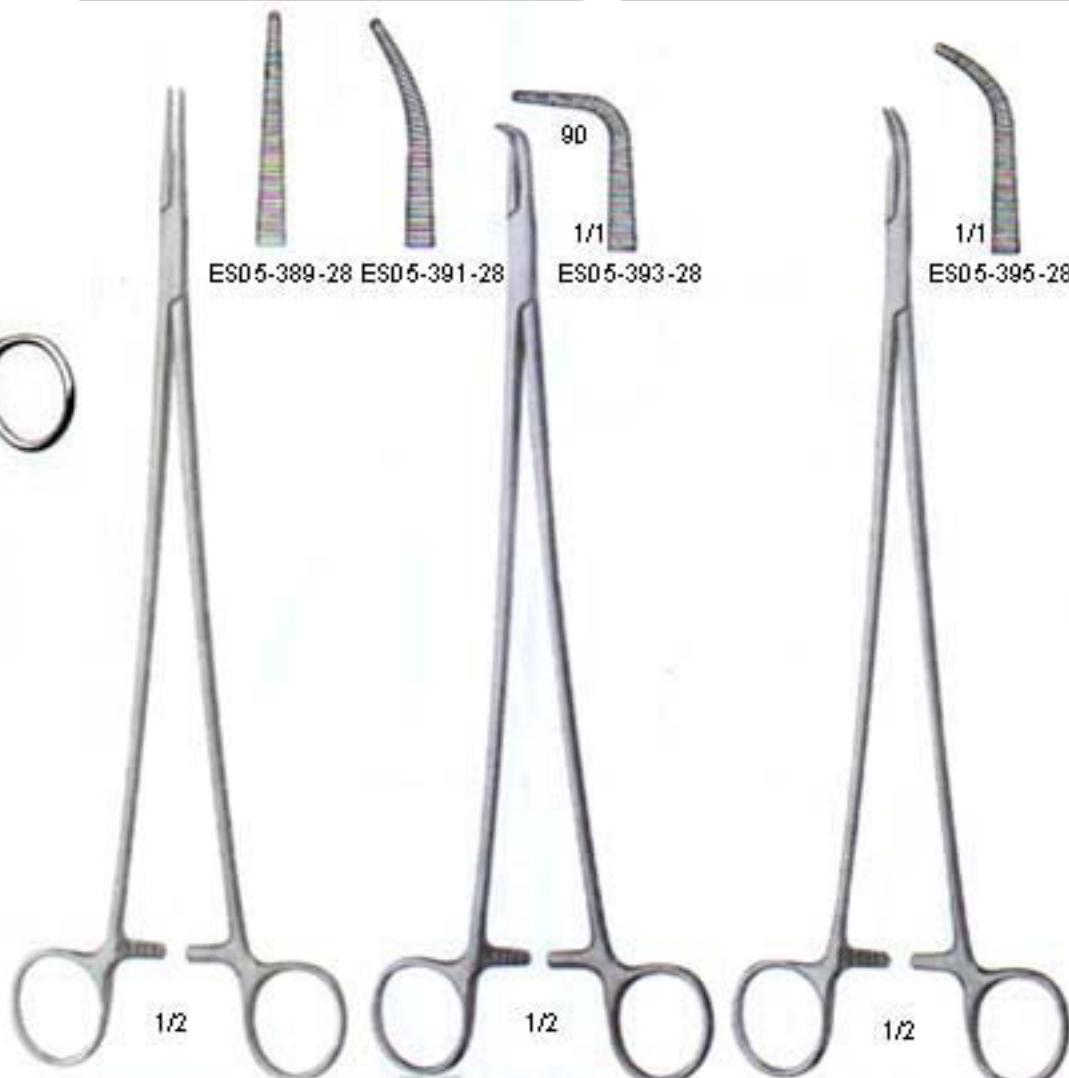


Toennis

| cm | in.    | 1/1         |             |  |
|----|--------|-------------|-------------|--|
| 21 | 8 1/4  | ES05-381-21 | ES02-383-21 |  |
| 26 | 10 1/4 | ES05-381-26 | ES05-383-26 |  |

| cm | in.    | 1/1         | 1 : 2       |  |
|----|--------|-------------|-------------|--|
| 21 | 8 1/4  | ES05-385-21 | ES05-387-21 |  |
| 26 | 10 1/4 | ES05-385-26 | ES05-387-26 |  |

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ES05-389-28 | ES05-391-28 | ES05-393-28 | ES05-395-28 |
|-------------|-------------|-------------|-------------|



Bridge  
28cm/11"

Meeker  
28cm/11"

Lawrence  
28cm/11"





Toennis

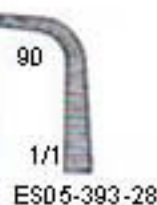
| cm | in.    | 1/1         |             |
|----|--------|-------------|-------------|
| 21 | 8 1/4  | ES05-381-21 | ES02-383-21 |
| 26 | 10 1/4 | ES05-381-26 | ES05-383-26 |

| cm | in.    | 1/1         | 1 : 2       |
|----|--------|-------------|-------------|
| 21 | 8 1/4  | ES05-385-21 | ES05-387-21 |
| 26 | 10 1/4 | ES05-385-26 | ES05-387-26 |

cm  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12



ES05-389-28 ES05-391-28



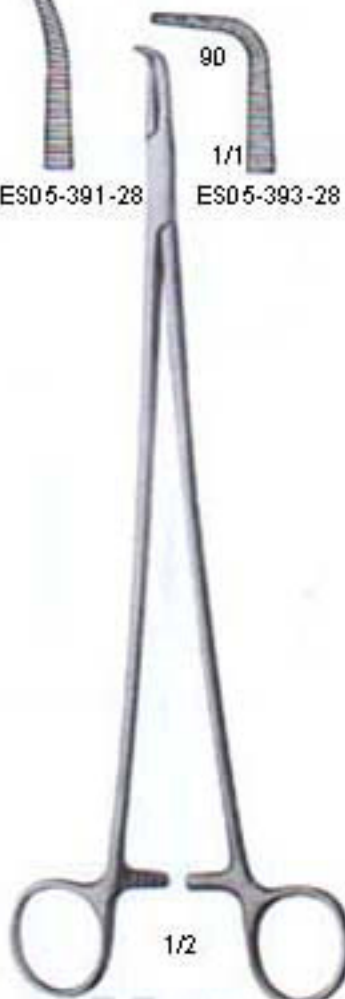
ES05-393-28



ES05-395-28



Bridge  
28cm/11"



Meeker  
28cm/11"



Lawrence  
28cm/11"



DeBakey-Bainbridge

1/1

17cm/6 3/4"  
ES05-397-17

18cm/7 1/4"  
ES05-399-18

17cm/6 3/4"  
ES05-402-17

18.5cm/7 1/4"  
ES05-403-18



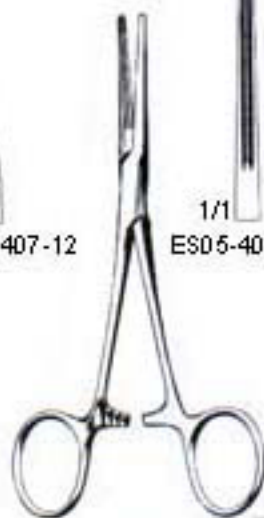
DeBakey-Mosquito  
12cm/4 3/4"

1/1

ES05-405-12



ES05-407-12



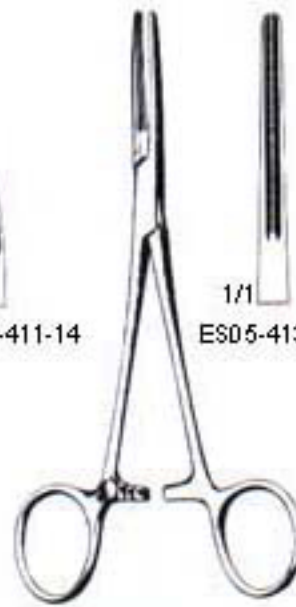
DeBakey-Kelly  
14cm/5 1/2"

1/1

ES05-409-14



ES05-411-14



DeBakey-Rankin  
16cm/6 1/4"

1/1

ES05-413-16



ES05-415-16



DeBakey-Pean

1/1

14cm/5 1/2"

ES05-417-14

16cm/16 1/4"

ES05-417-16

18cm/7"

ES05-417-18

20cm/8"

ES05-417-20

26cm/10 1/4"

ES05-417-26

28cm/11"

ES05-417-28

1/1

14cm/5 1/2"

ES05-419-16

16cm/6 1/4"

ES05-419-16

18cm/7"

ES05-419-16

20cm/8"

ES05-419-16

26cm/10 1/4"

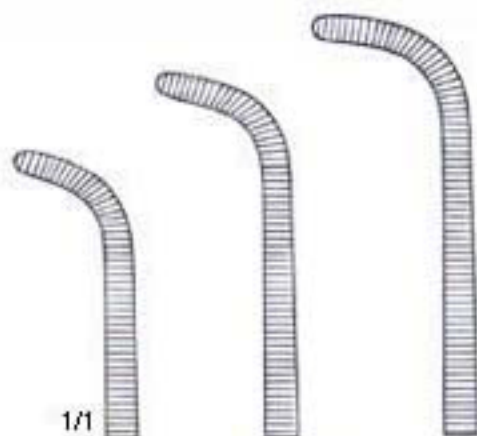
ES05-419-16

28cm/11"

ES05-419-16



Mixer



1/1

16cm/8 1/4"  
ES05-421-16

19.5cm/7 3/4"  
ES05-421-19

21.5cm/8 1/2"  
ES05-421-21

Mixer-O'Shaugnessy  
19cm/7 1/2"  
ES05-423-19



1/2

1/1



Baby-Mixer  
14cm/5 1/2"

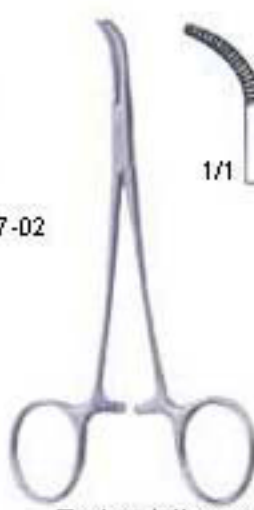


1/1

ES05-425-01



ES05-427-02



Baby-Mixer  
14cm/5 1/2"  
ES05-429-14



1/1



Baby-Mixer  
18cm/7"  
ES05-431-18



1/1

1/2

1/2

14cm/5 1/2"

14cm/5 1/2"

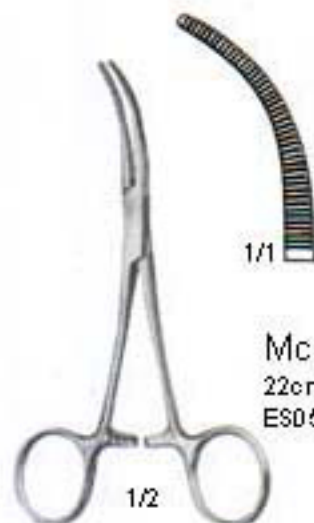
18cm/7"

ES05-431-18

Baby-Mixer

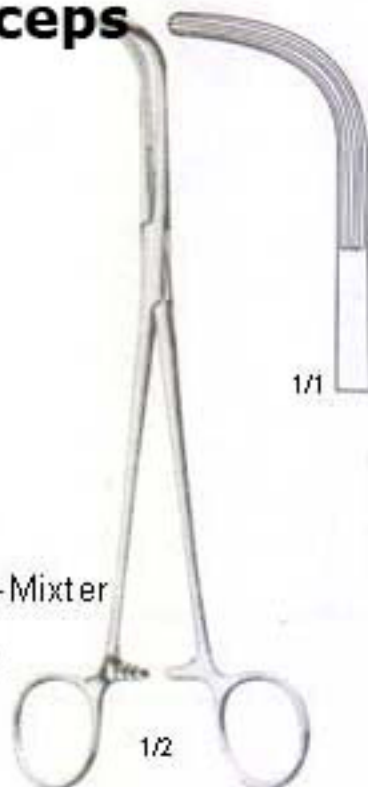
Baby-Mixer

Baby-Mixer

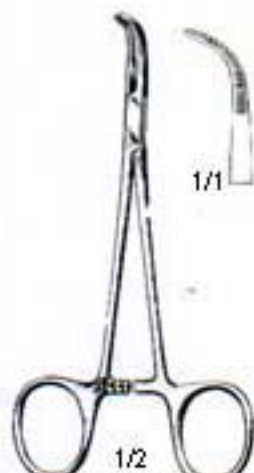


**Baby-Overholt**  
13.5cm/5 1/4"  
ES05-433-13

**McQuigg-Mixer**  
22cm/8 3/4"  
ES05-435-22



**Overholt-Mixer**  
21cm/8 1/4"  
ES05-437-21



**Micor-Adson**  
14cm/5 1/2"  
ES05-439-14

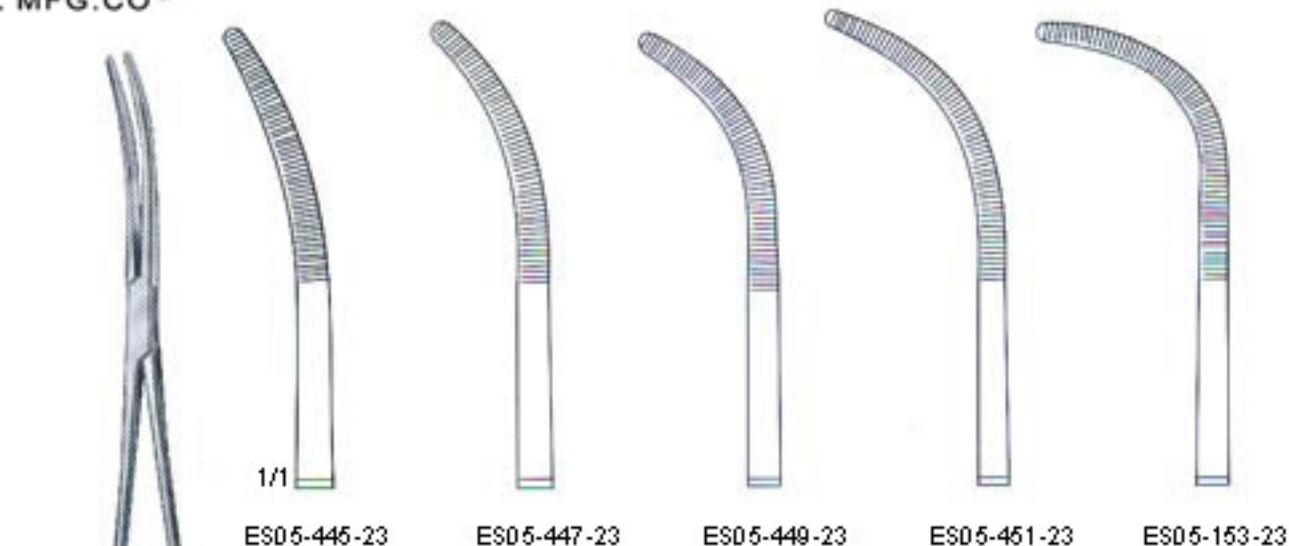


**Baby-Adson**  
18cm/7"  
ES05-441-18



**Baby-Adson**  
14cm/5 1/2"  
ES05-443-14





Rumel  
23cm/9"



Kantrowitz





|               |             |             |
|---------------|-------------|-------------|
| 19.5cm/7 1/4" | 21cm/8 1/4" | 22cm/8 1/2" |
| ES05-461-19   | ES05-461-21 | ES05-461-22 |

|              |              |             |
|--------------|--------------|-------------|
| 26cm/10 1/4" | 27cm/10 1/2" | 28cm/11"    |
| ES05-463-26  | ES05-463-27  | ES05-463-28 |

Overholt-Geissendoerfer  
ES05-320-##



|               |             |             |             |
|---------------|-------------|-------------|-------------|
| 21.5cm/8 1/2" | 20.5cm/8"   | 22cm/8 1/4" | 22cm/8 1/4" |
| ES05-465-21   | ES05-465-20 | ES05-465-22 | ES05-465-23 |

|             |                |             |
|-------------|----------------|-------------|
| 23cm/9"     | 29.5cm/11 1/2" | 30cm/12"    |
| ES05-465-23 | ES05-467-29    | ES05-467-30 |



Overholt



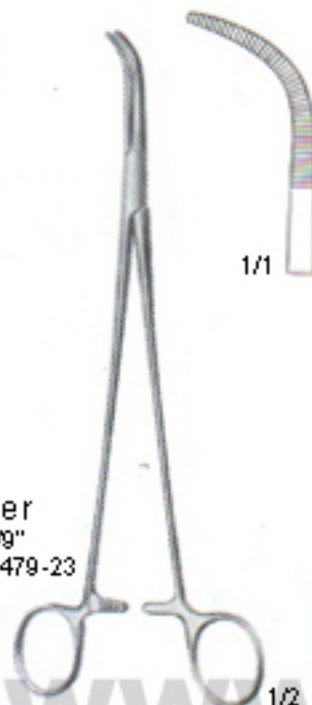
Lahey

1/1  
19cm/7 1/2" ES05-469-19  
23cm/9" ES05-471-23



Mixer

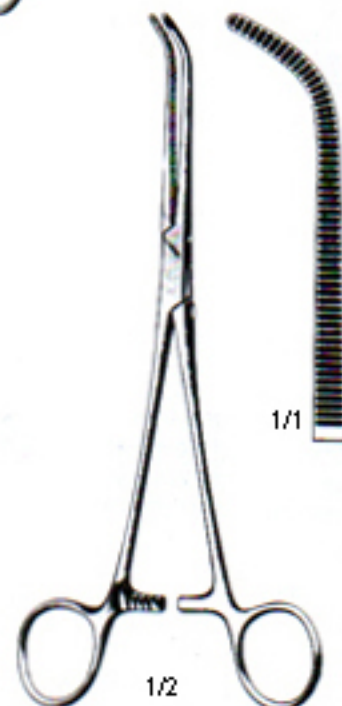
1/1  
22cm/8 3/4" ES05-473-22  
25cm/10" ES05-475-25  
18cm/11" ES05-477-28



Mixer  
23cm/9"  
ES05-479-23

1/1

1/2



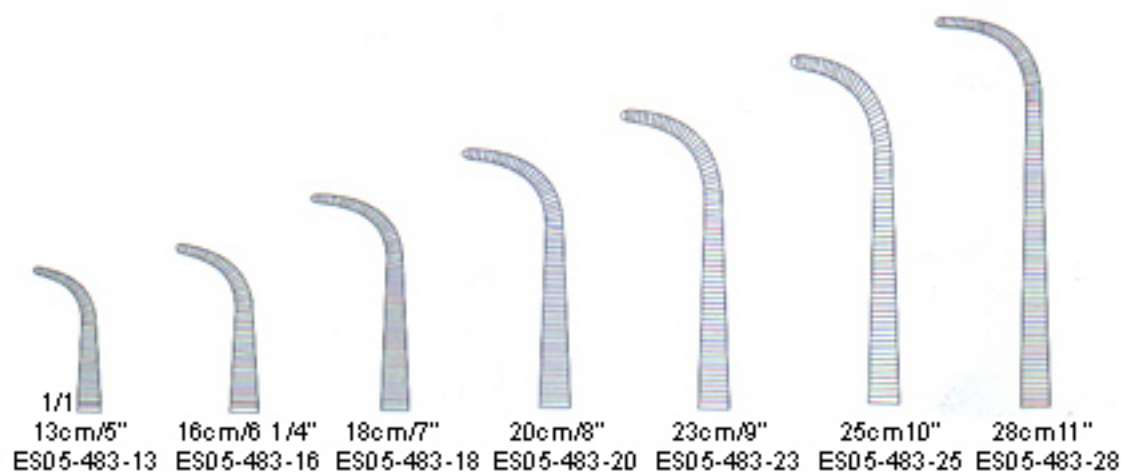
Johns-Hopkins  
20cm/8"  
ES05-481-20

1/1

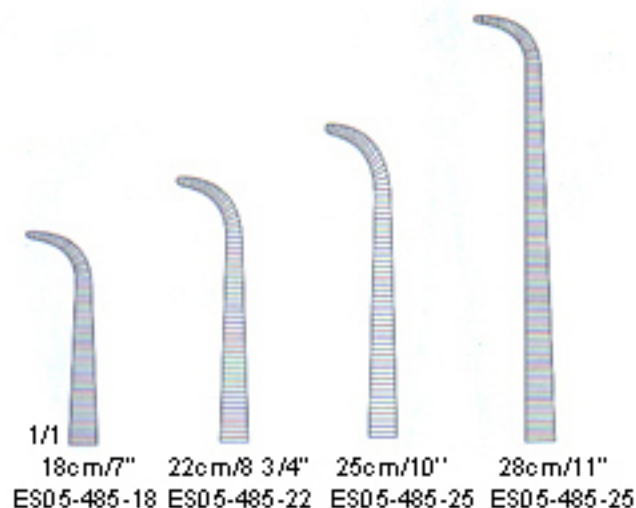
1/2

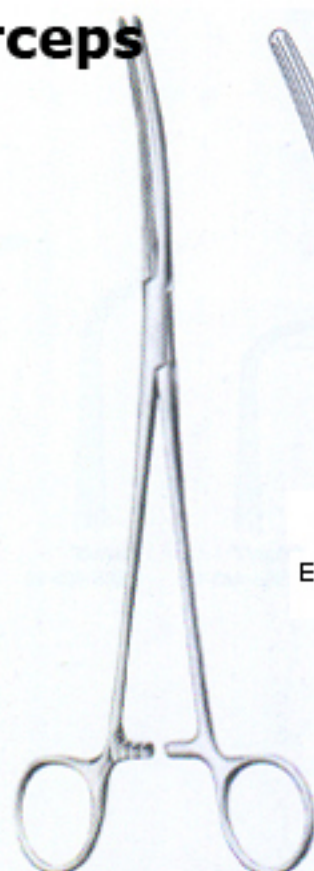


Gemini(DeBakey-Mixter)

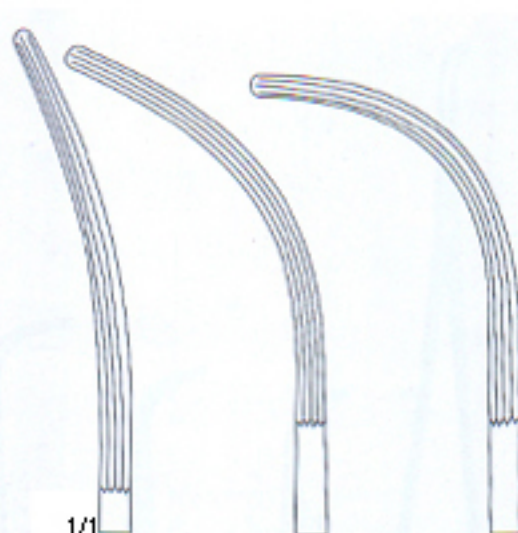


Gemini-Mini(Mixter)





Crafoord-Sellors  
24cm/9 1/2"

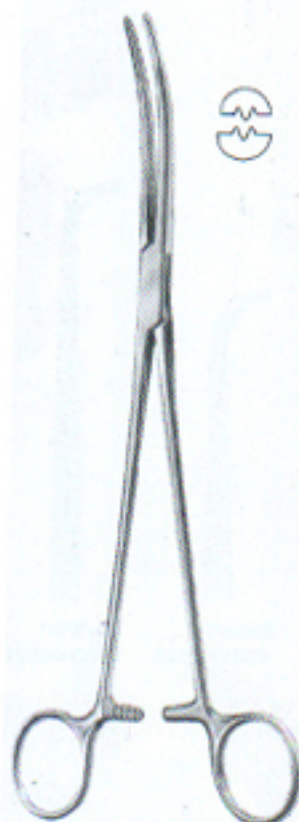


1/1

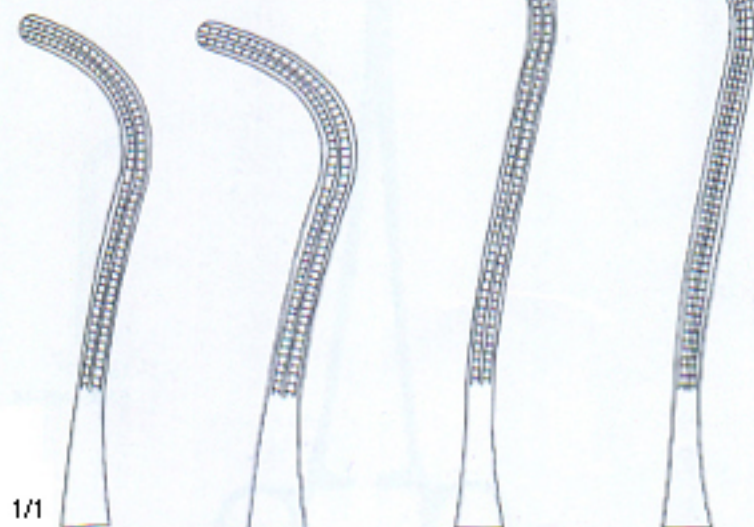
ES05-487-24

ES05-487-23

ES05-487-22



DeBakey-Rumel  
23cm/9"



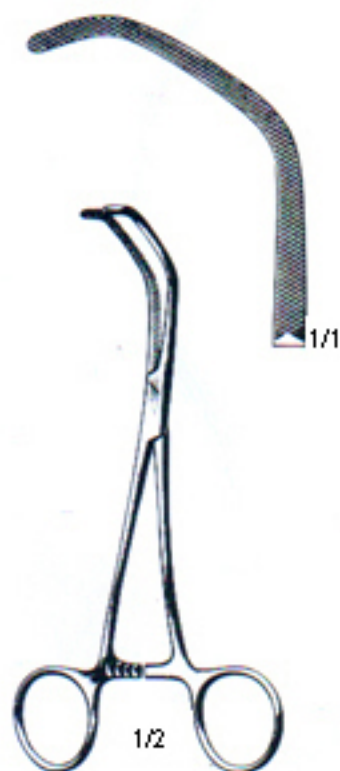
1/1

ES05-489-01

ES05-489-02

ES05-489-03

ES05-489-04



Baby-Satinsky  
15cm/6"  
ES05-491-15



Satinsky  
26.5cm/10 1/2"



Harken  
24cm/9 1/2"  
ES05-495-24





DeBakey-Glover

21cm/8 1/2"  
ES05-497-21



24cm/9 1/2"  
ES05-499-24



1/1

21cm/8 1/4"  
ES05-500-21

26cm/10 1/4"  
ES05-503-26



18.5cm/7 1/4"  
ES05-505-18



22cm/8 1/4"  
ES05-507-22





Ochsner  
23.5cm/9 1/4"  
ES05-509-23



Liddle  
27cm/10 1/4"  
ES05-511-27



Diethrich  
21cm/8 1/4"  
ES05-513-21

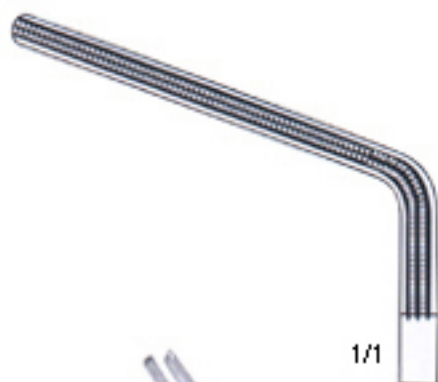


20cm/8"  
ES05-515-20



26.5cm/10 1/2"  
ES05-517-26

1/1



1/1



DeBakey-Morris



DeBakey  
27cm/10 1/4"  
ES05-519-27



Kay  
ES05-521-20



Lambert-Kay  
ES05-523-21

1/1



1/1



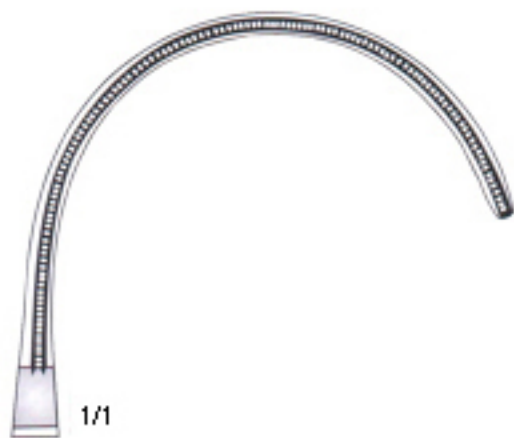
1/2

Key/Lambert-Kay  
20cm/8"

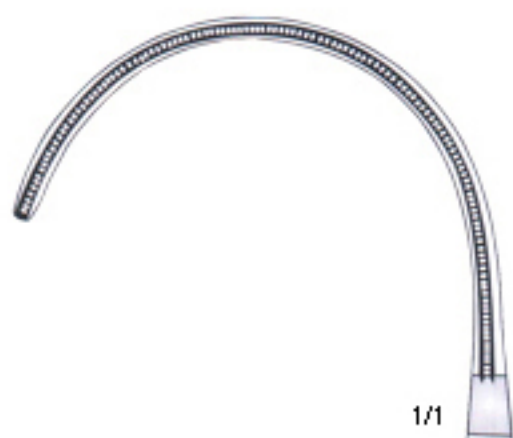


1/2

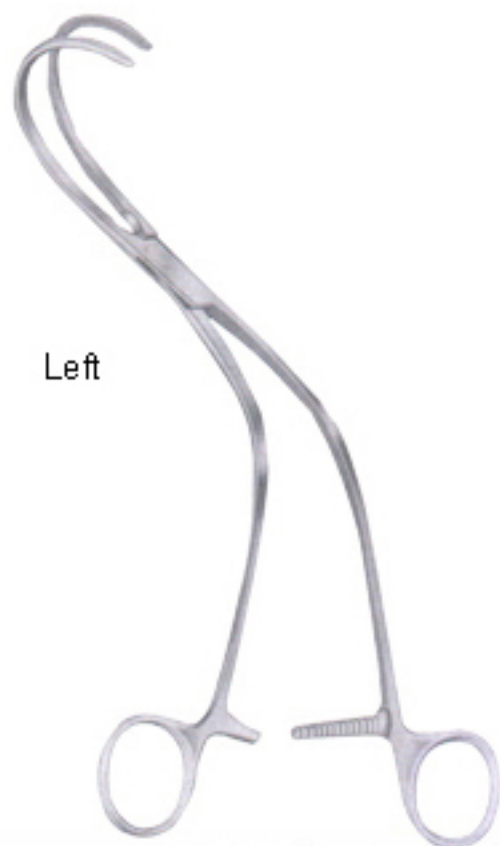
DeBakey  
26.5cm/10 1/2"  
ES05-524-26



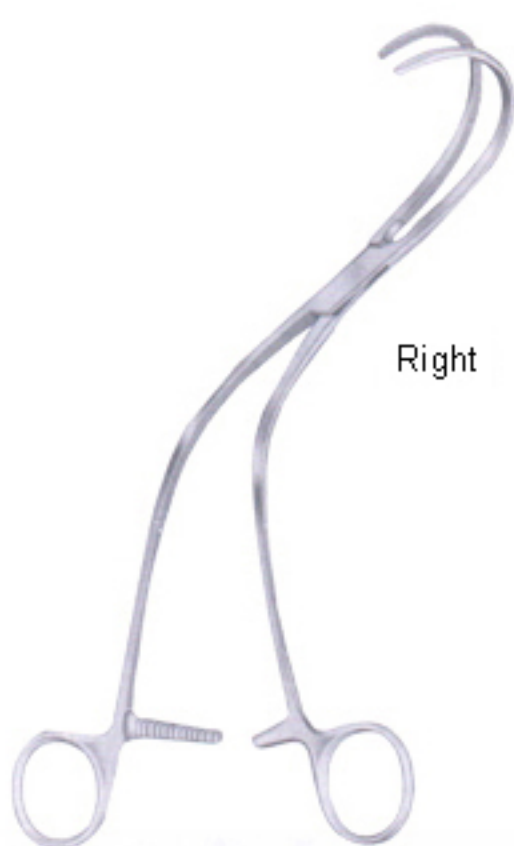
1/1



1/1



Left



Right

ES05-525-26

Weber  
26cm/10 1/4"

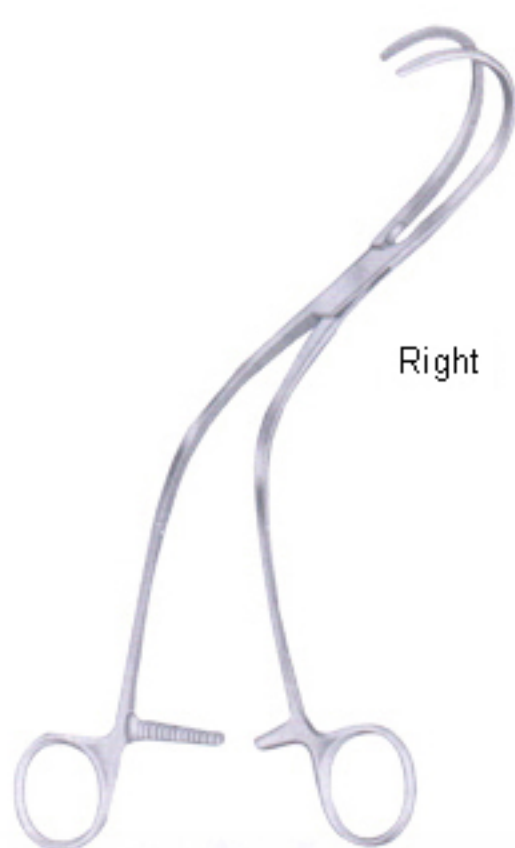
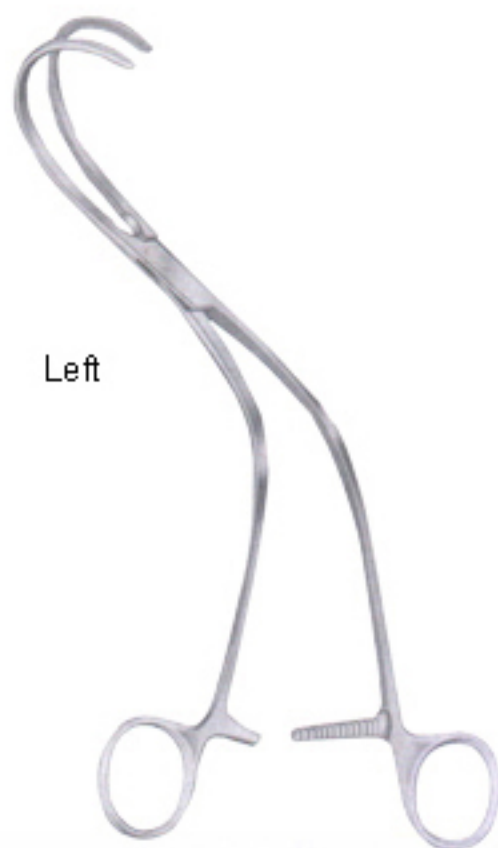
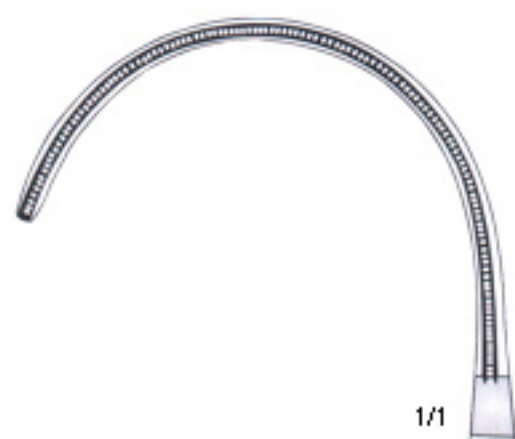
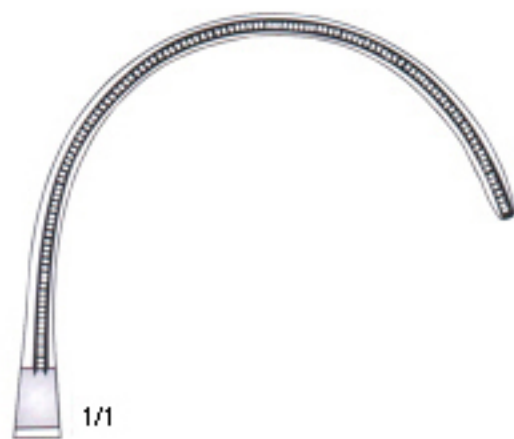
ES05-527-26





DeBakey-Bahnson





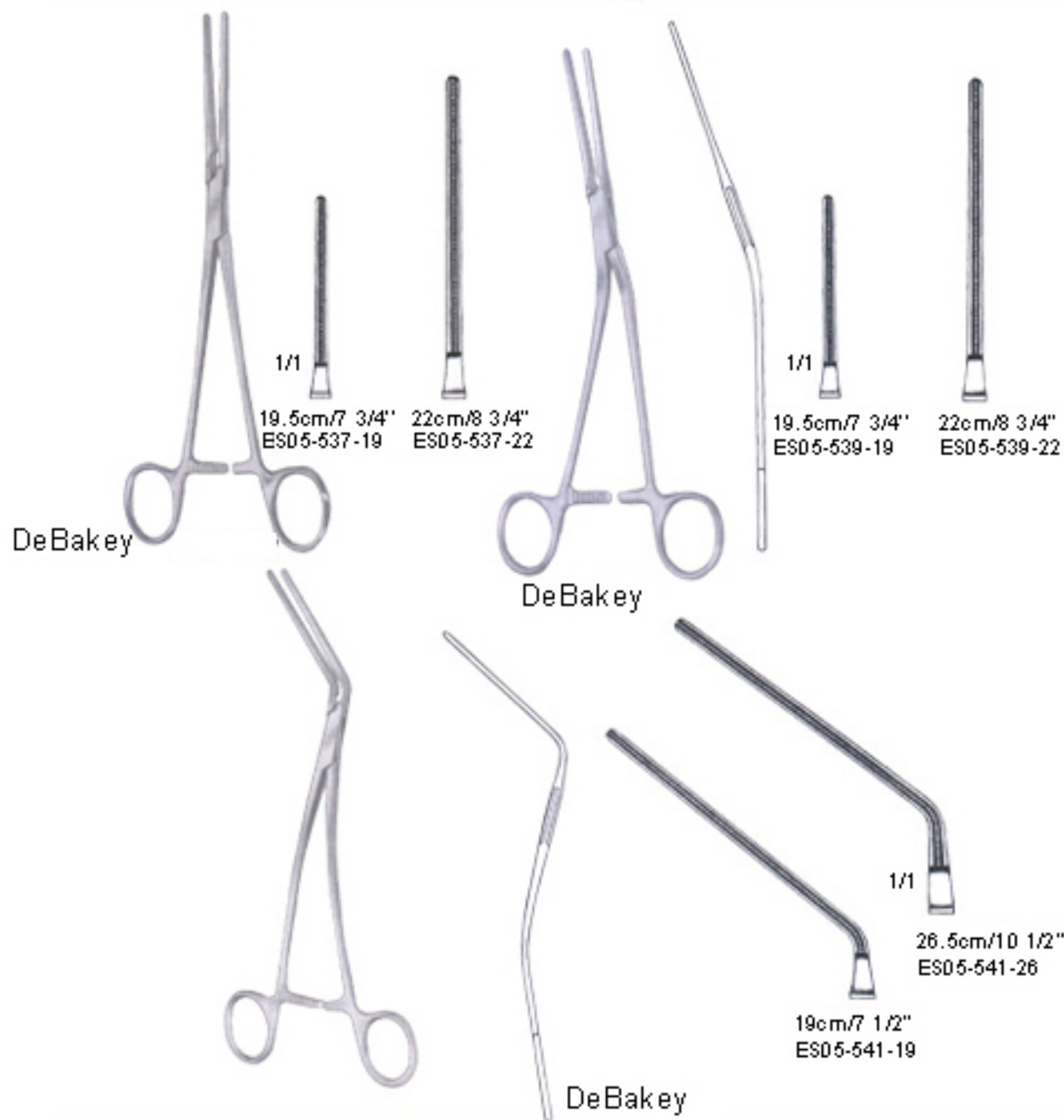
ES05-525-26

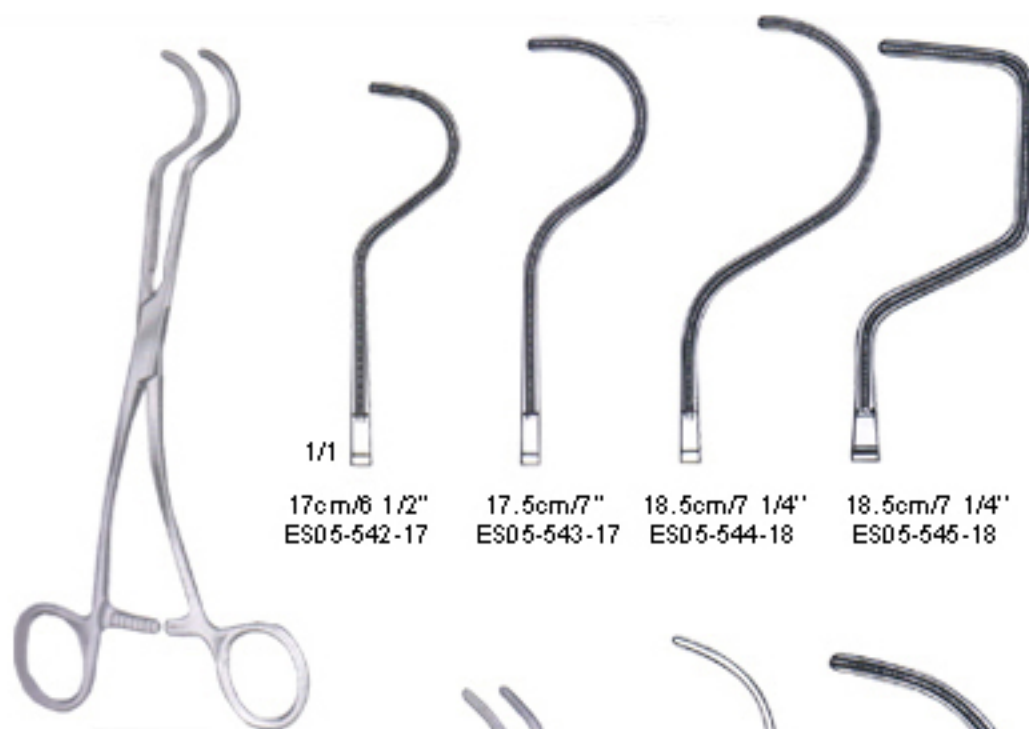
Weber  
26cm/10 1/4"

ES05-527-26









1/1

17cm/6 1/2"  
ES05-542-17

17.5cm/7"  
ES05-543-17

18.5cm/7 1/4"  
ES05-544-18

18.5cm/7 1/4"  
ES05-545-18

Dale



1/1

DeBakey  
16cm/6 1/4"  
ES05-546-16



1/1

19cm/7 1/2"  
ES05-547-19

20cm/8"  
ES05-549-20



1/1

19.5cm/7 3/4"  
ES05-551-19

19.5cm/7 3/4"  
ES05-553-19

19.5cm/7 3/4"  
ES05-555-19

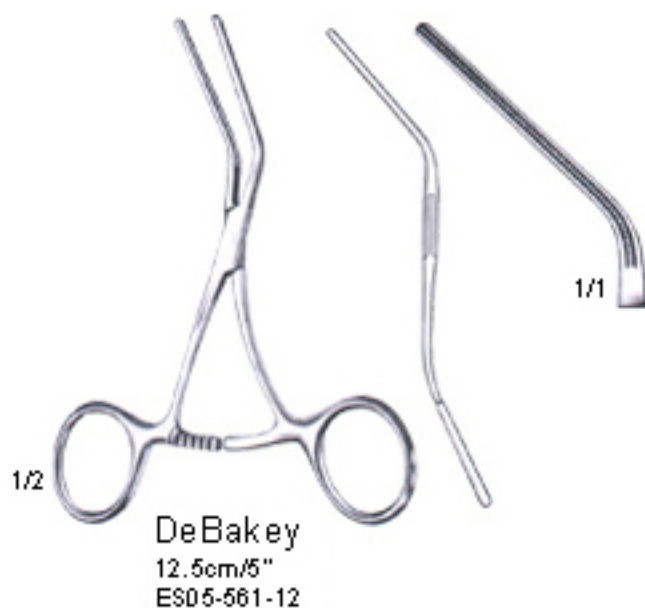
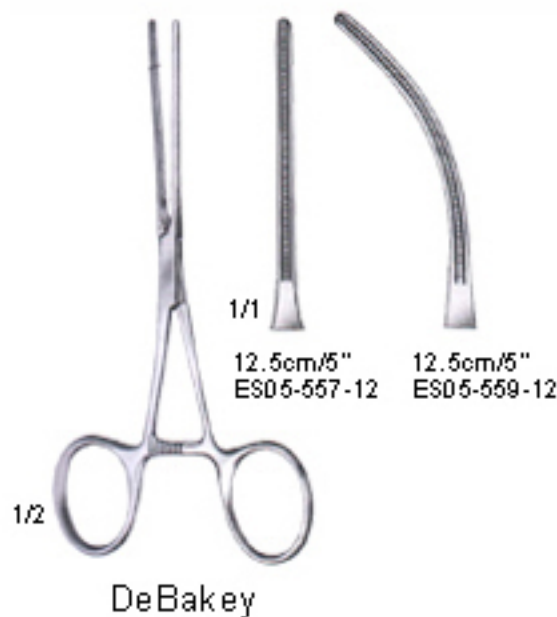


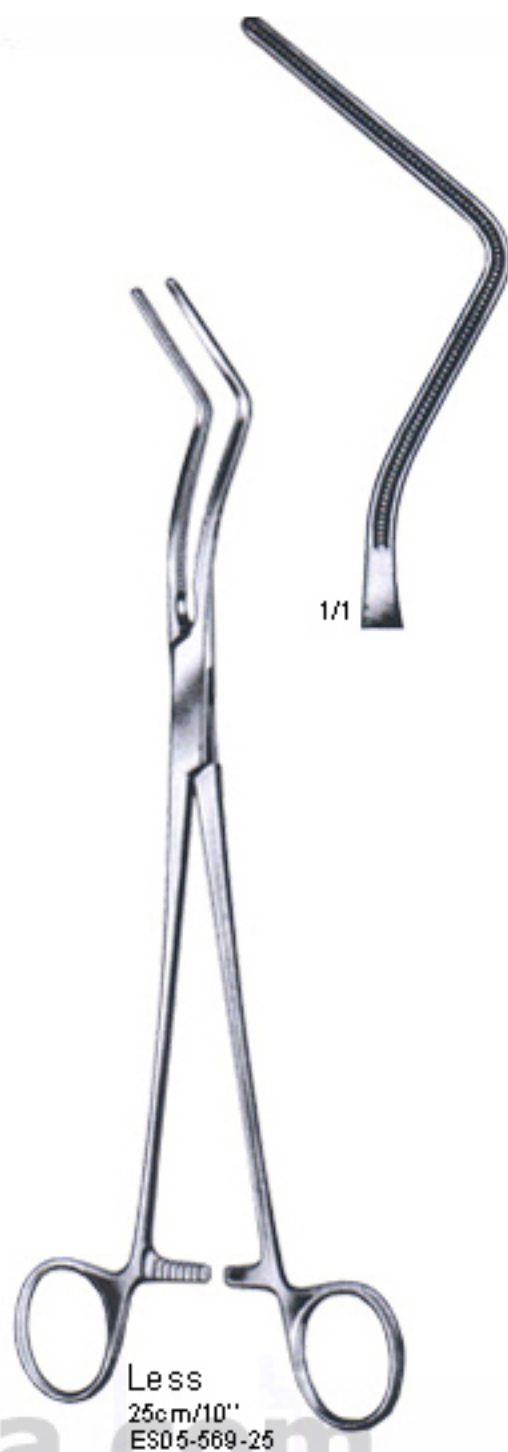
DeBakey

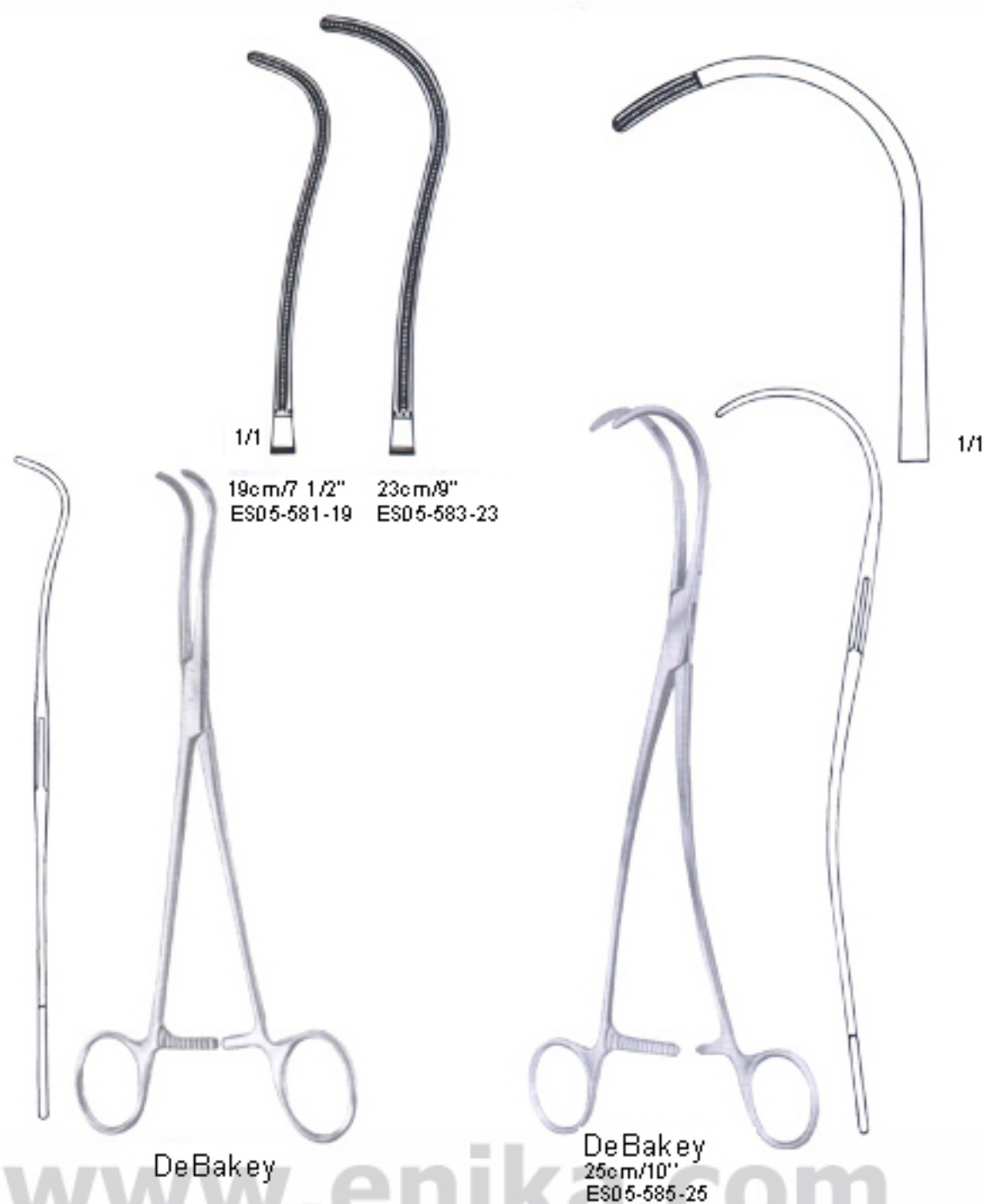


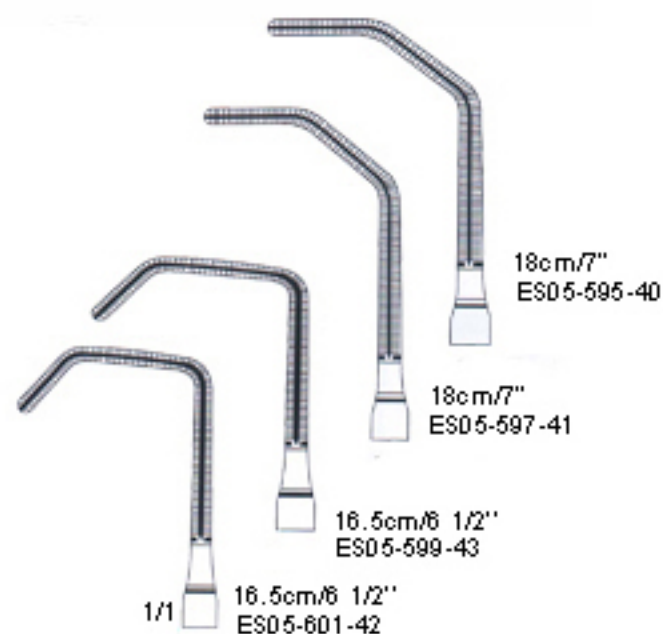
Leland-Jones

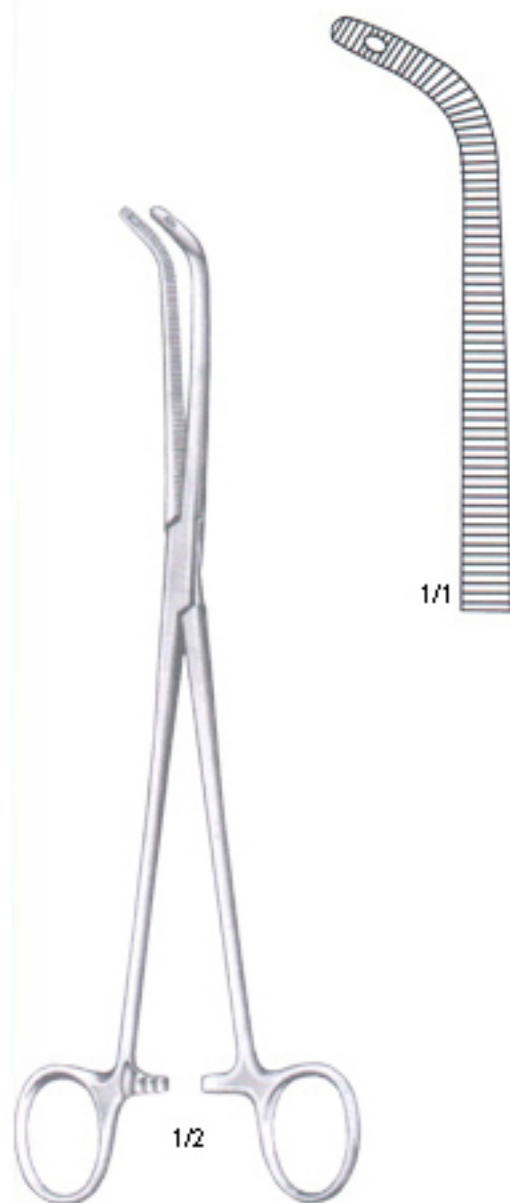




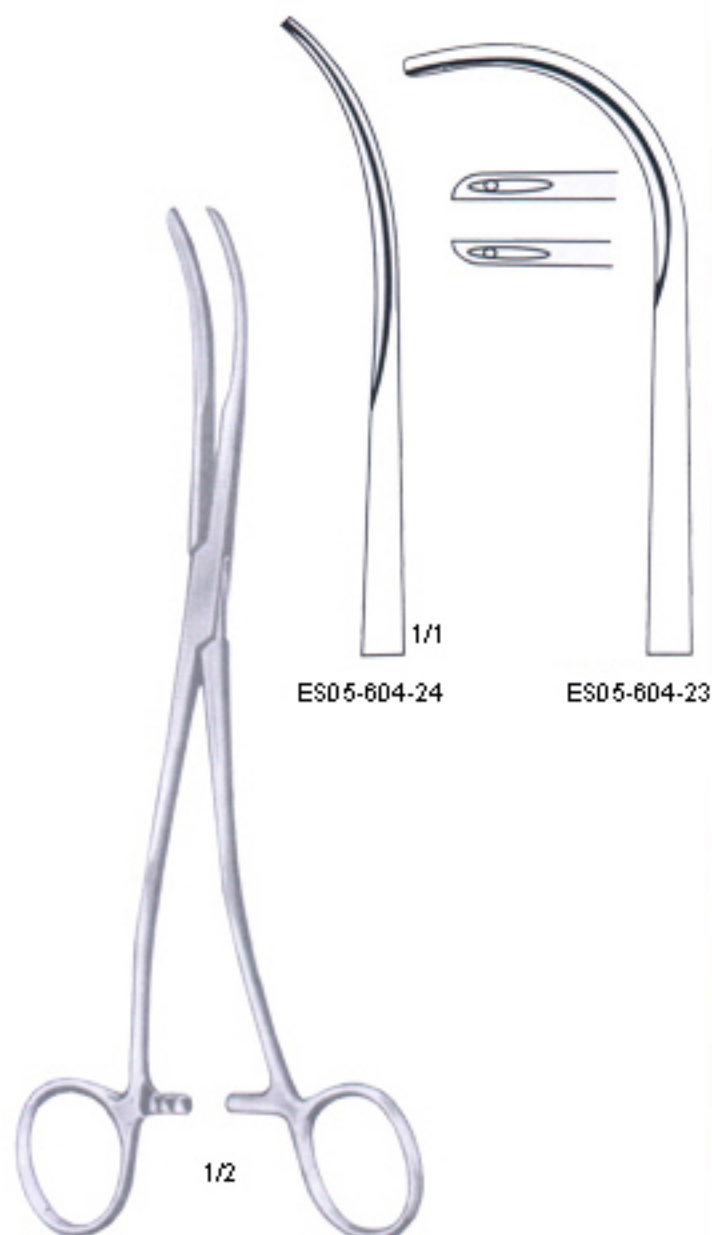








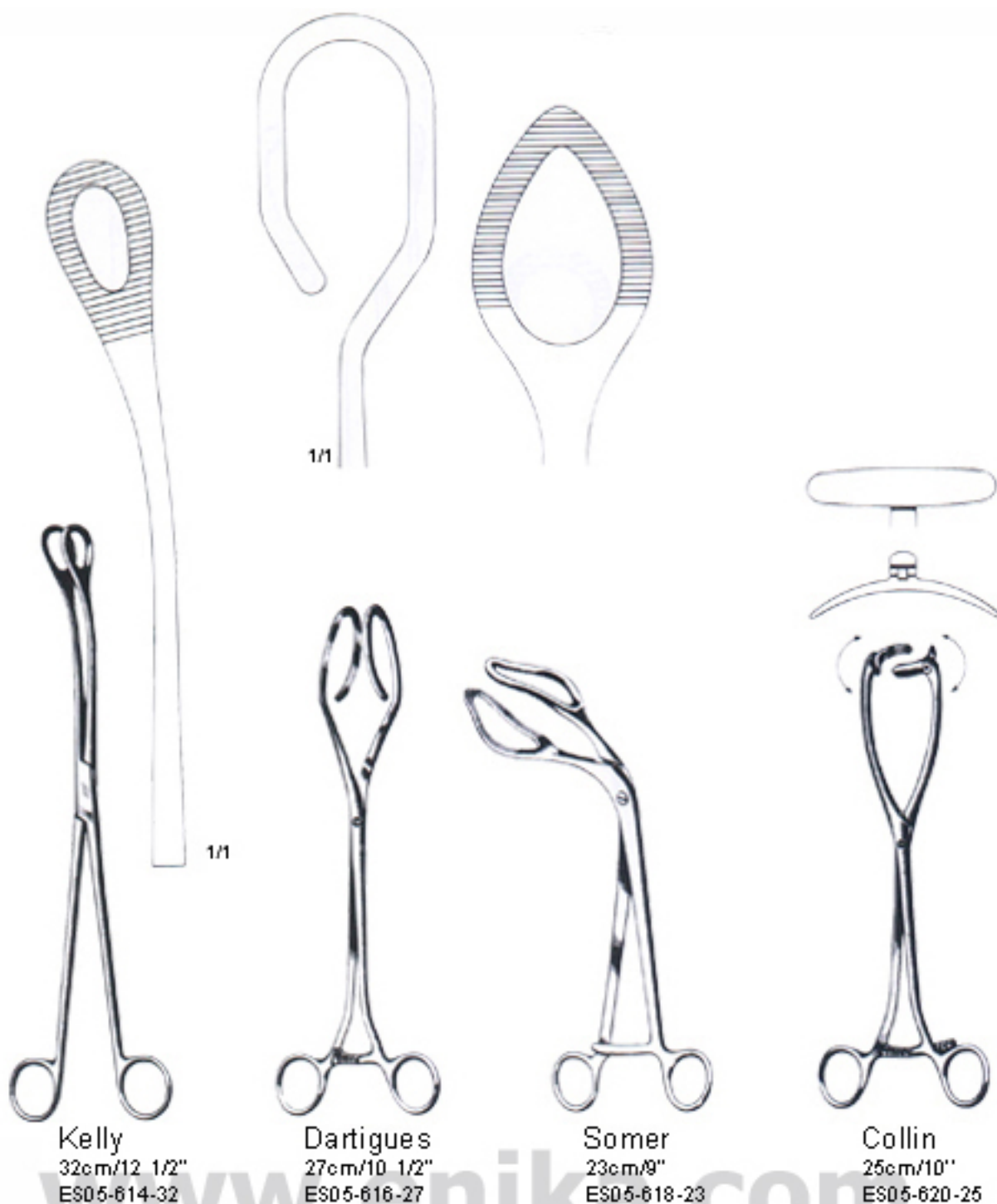
Finocchietto  
24cm/9 1/2"  
ES05-602-25

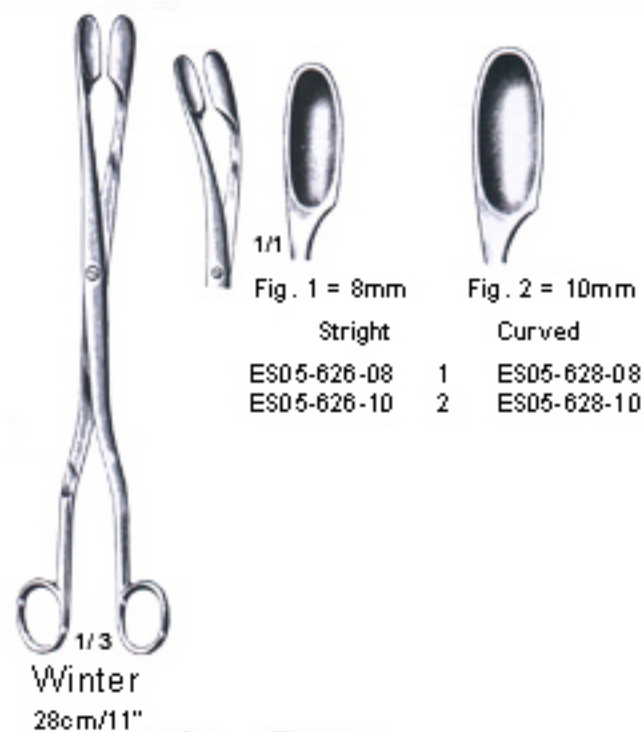
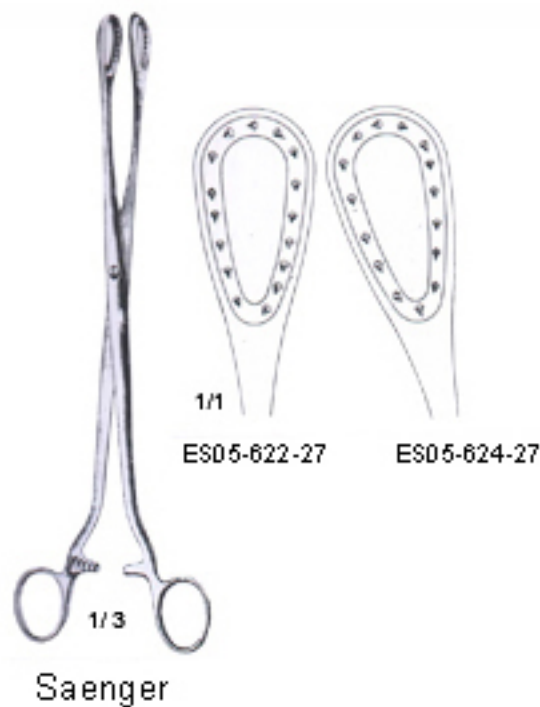


Semb  
24cm/9 1/2"



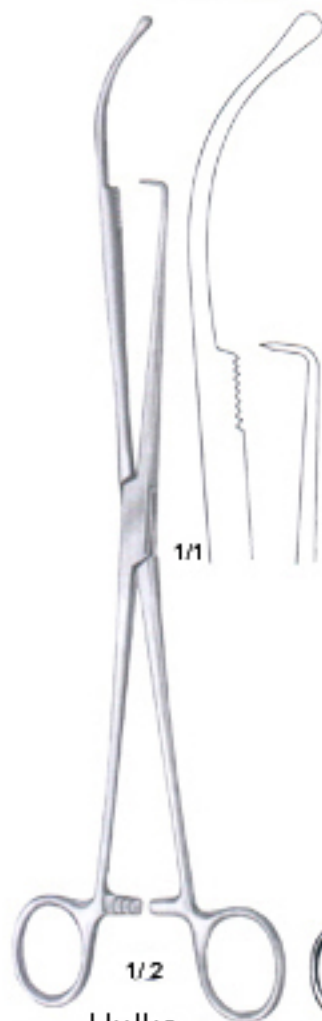




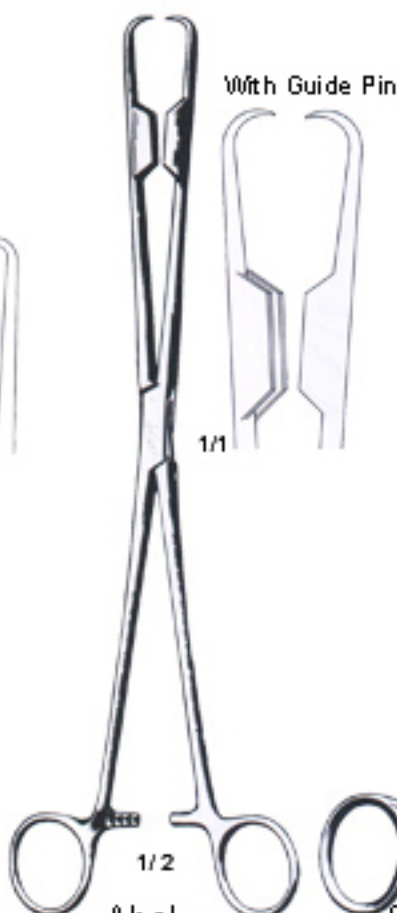




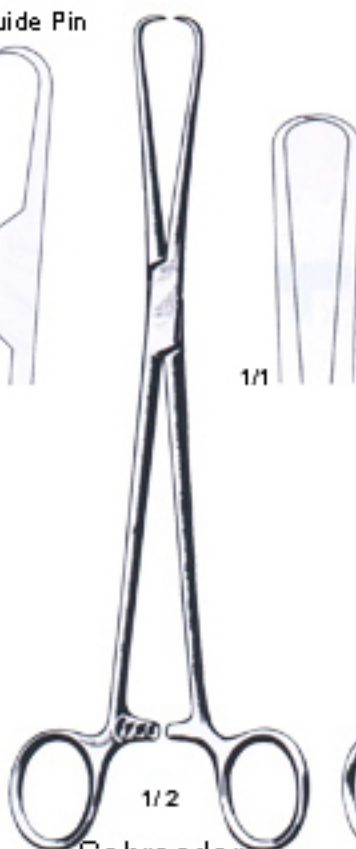
Malleable



**Hulka**  
30cm/12"  
ES05-634-30



**Abel**  
27cm/10 1/2"  
ES05-636-27



**Schroeder**  
25cm/10"  
ES05-638-25



**Pratt**  
28cm/11"  
ES05-640-28



1/2  
Pozzi  
25.5cm/10 1/4"  
ES05-642-20



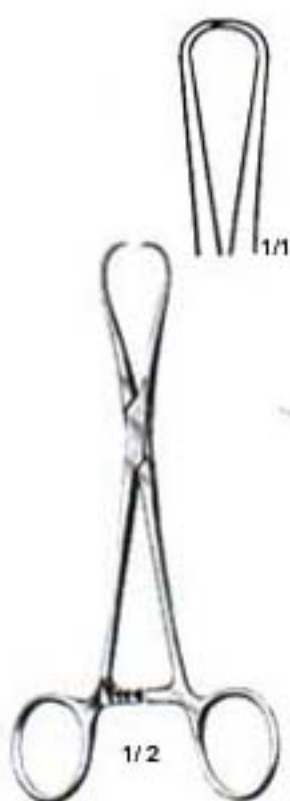
1/2  
Skene  
24cm/9 1/2"



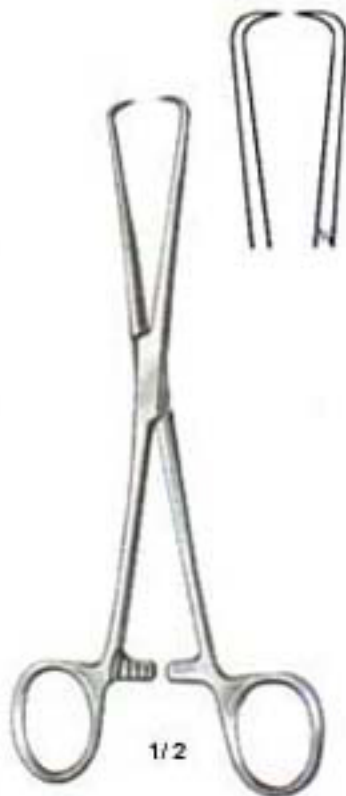
1/2  
Duplay  
28cm/11"  
ES05-646-28



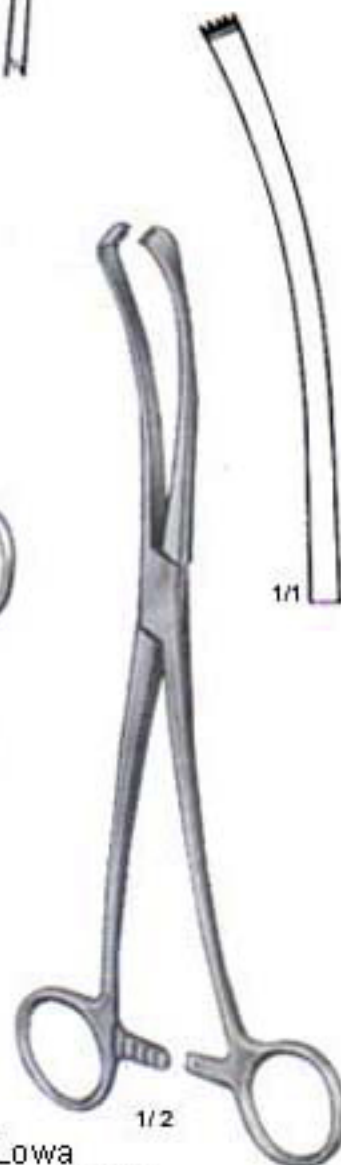
1/2  
Collin-Pozzi  
25cm/10"  
ES05-648-25



Staude-Moore (Bernhard)  
17cm/6 3/4"  
ES05-650-17

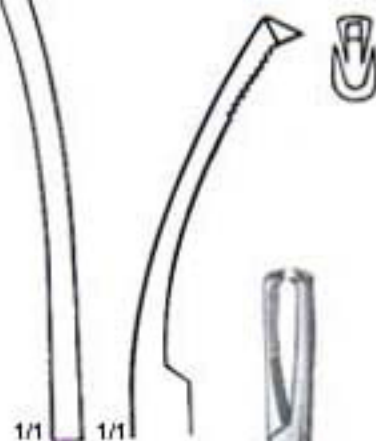


Barrett  
18cm/7"  
ES05-652-18



Iowa  
26cm/10 1/4"  
ES05-656-26

ES05-654-21



Jacobs  
21cm/8 1/4"  
ES05-658-21

# Forceps



1/1

ES05-662-24



1/2

Museux  
24cm/9 1/2"  
ES05-660-24



1/2

Museux  
24cm/9 1/2"  
ES05-664-06= 6mm  
ES05-664-08= 8mm  
ES05-664-10= 10mm



6mm

8mm

1/1

10mm



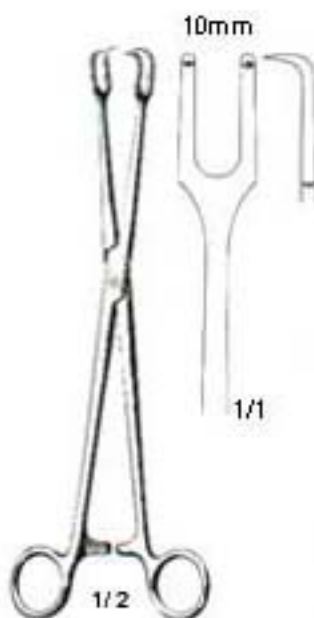
1/2

Museux  
24cm/9 1/2"  
ES05-666-06= 6mm  
ES05-666-08= 8mm  
ES05-666-10= 10mm



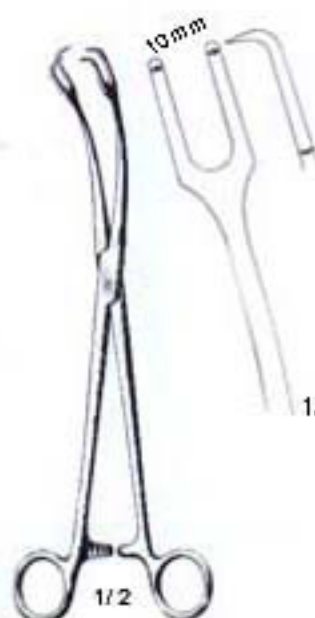
1/2

Teale  
23cm/9"  
ES05-668-23



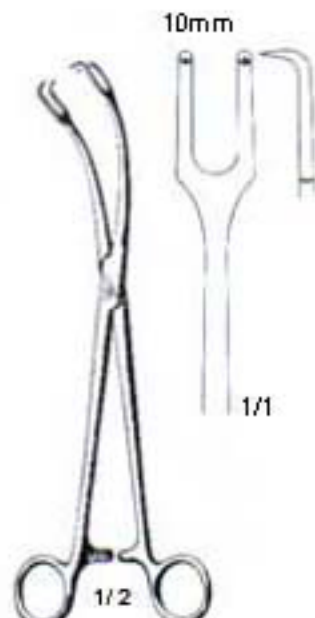
1/2

Schroeder  
24cm/9 1/2"  
ES05-670-24



1/2

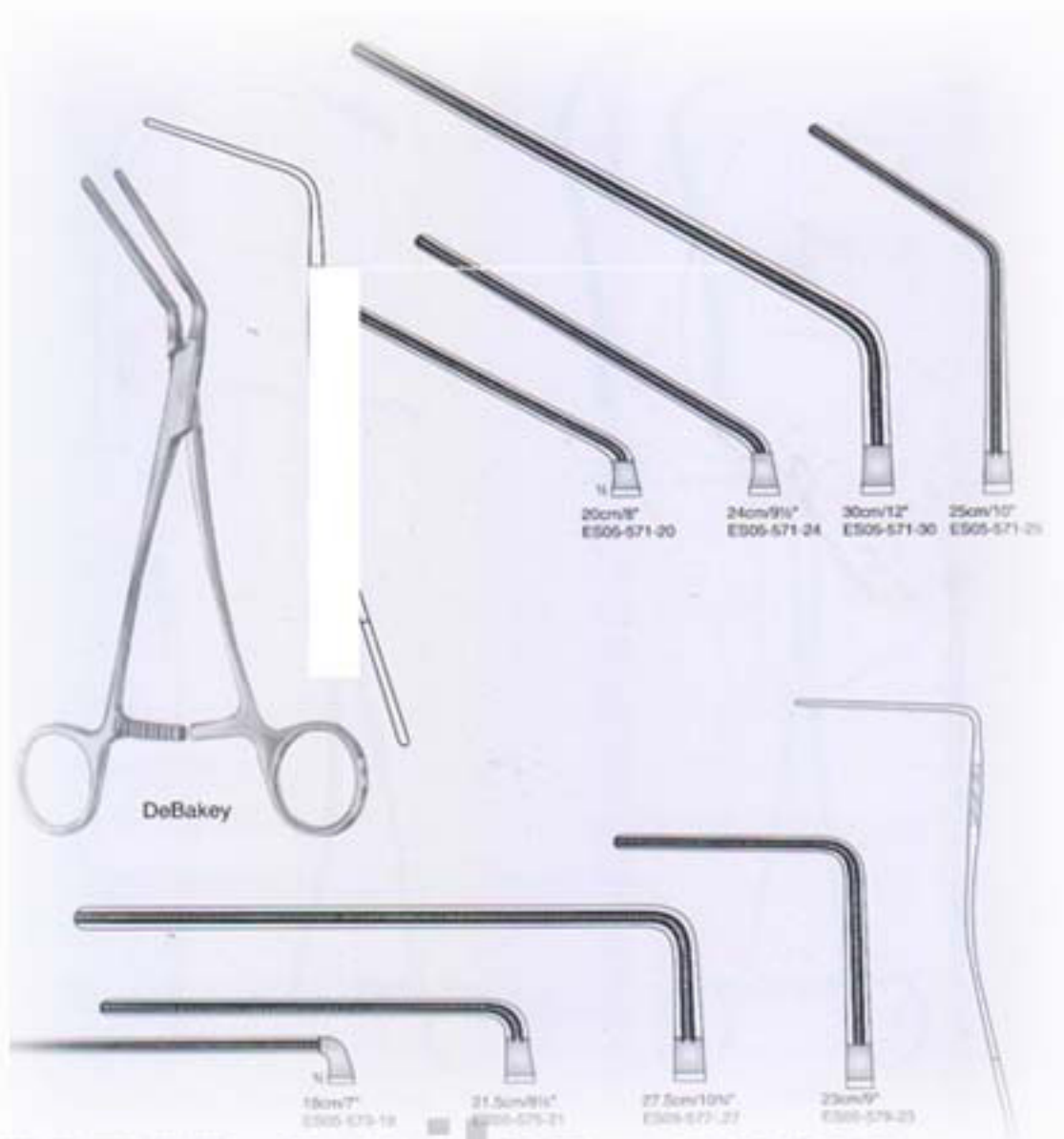
Schroeder  
24cm/9 1/2"  
ES05-672-24



1/2

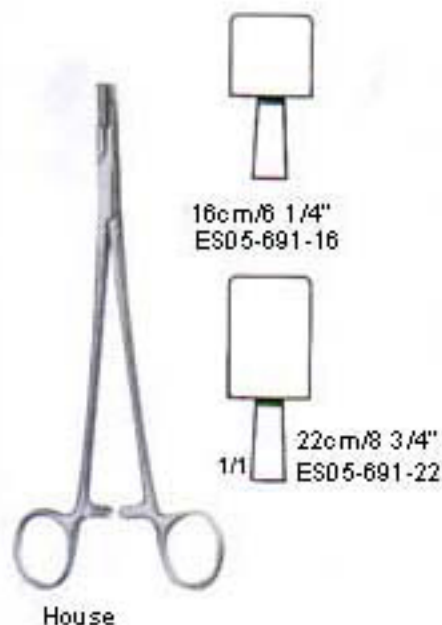
Schroeder  
24cm/9 1/2"  
ES05-674-24







Young  
17cm/6 1/4"  
ES05-687-17



Schnidt  
19cm/7 1/2"  
ES05-693-19



Schnidt  
(Boettcher)  
19cm/7 1/2"  
ES05-695-19

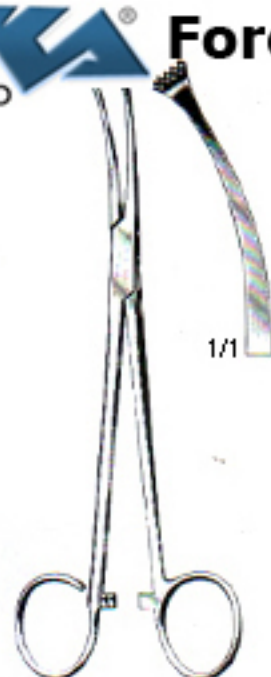


Schnidt  
(Sawtell)  
18.5cm/7 1/4"  
ES05-697-18



Negus  
19cm/7 1/2"





White  
18cm/7"  
ES05-703-18

1/1



Allis-Coakley  
19cm/7 1/2"  
ES05-709-19

1/2



Allis-Coakley  
18.5cm/7 1/4"  
ES05-711-18

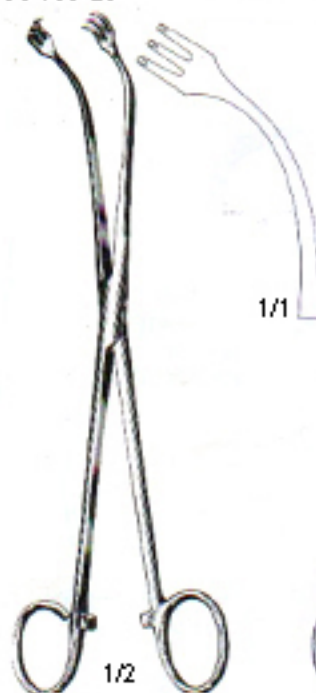
1/1

Allis-Coakley  
19cm/7 1/2"  
ES05-707-19



Allis  
20cm/8"  
ES05-713-20

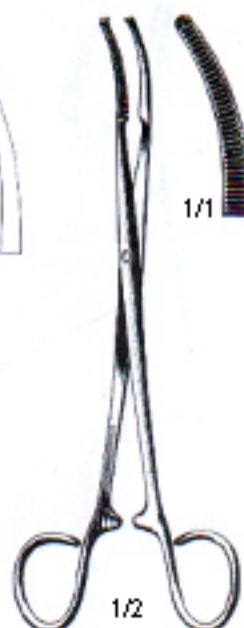
1/2



Ballenger  
21.5cm/8 1/2"  
ES05-715-21

1/2

1/1



Mikulicz  
18cm/7"  
ES05-717-18

1/2

1/1



Blohmke  
20cm/8"  
ES05-719-20

1/2

1/1



1/2

Jones  
9cm/3 1/2"  
ES05-720-09



1/2

Schaedel  
9cm/3 1/2"  
ES05-721-09



1/2

Doyen  
18cm/7"  
ES05-723-09



Lane

| cm | in |             |
|----|----|-------------|
| 15 | 6  | ES05-725-15 |
| 20 | 8  | ES05-725-20 |



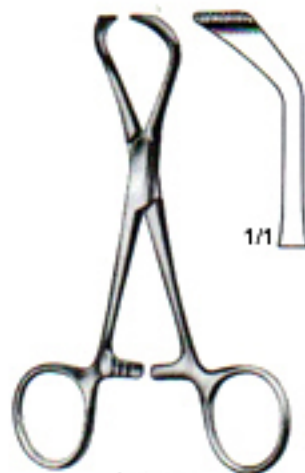
Backhaus

| cm | in    |             |
|----|-------|-------------|
| 9  | 3 1/3 | ES05-726-09 |
| 11 | 4 1/2 | ES05-726-11 |
| 13 | 5     | ES05-726-13 |
| 15 | 6     | ES05-726-15 |



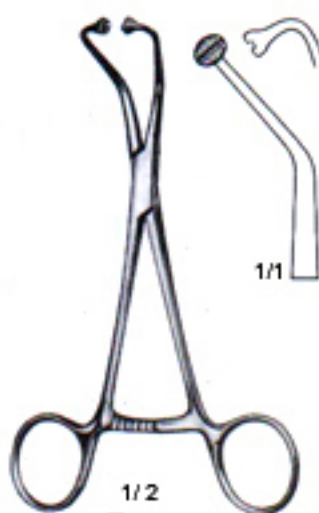
Roder

| cm   | in    |             |
|------|-------|-------------|
| 10   | 4     | ES05-729-10 |
| 13   | 5     | ES05-727-13 |
| 14.5 | 5 3/4 | ES05-727-15 |
| 15   | 6     | ES05-727-15 |



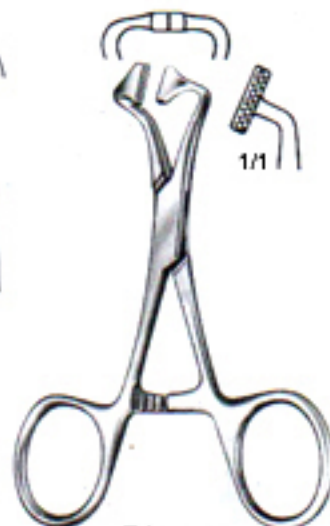
Lorna

ES05-729-13



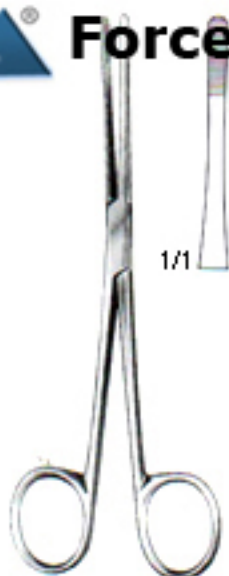
1/2  
Reers

ES05-731-14



Diener

ES05-733-10  
ES05-733-13



Lister

| cm | in |             |
|----|----|-------------|
| 13 | 5  | ES05-735-13 |
| 15 | 6  | ES05-735-15 |
| 18 | 7  | ES05-735-18 |



Walton  
17cm/8 3/4"  
ES05-737-17



ES05-739-17



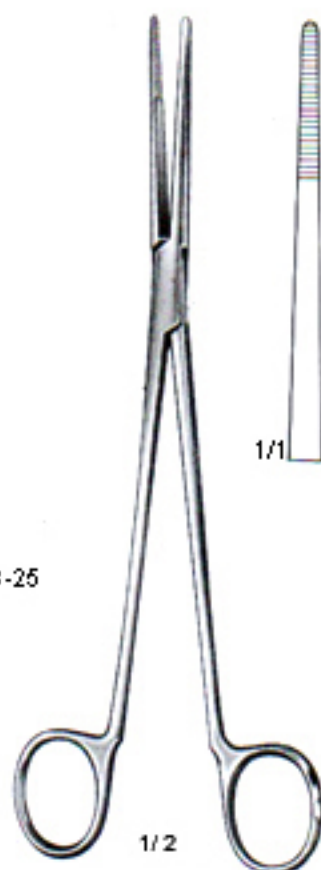
Pelkmann  
25cm/10"



ES05-741-25



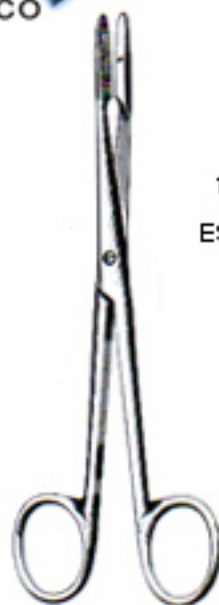
ES05-743-25



Westermark  
23.5cm/9 1/4"  
ES05-745-23



# Forceps



Gross  
20cm/8"

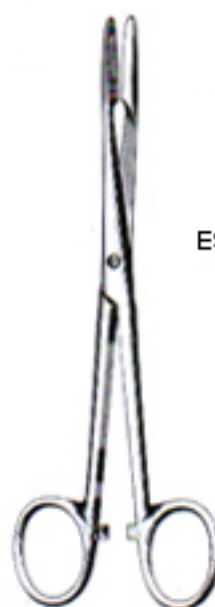


1/1

ES05-747-20



ES05-749-2



Gross  
20cm/8"

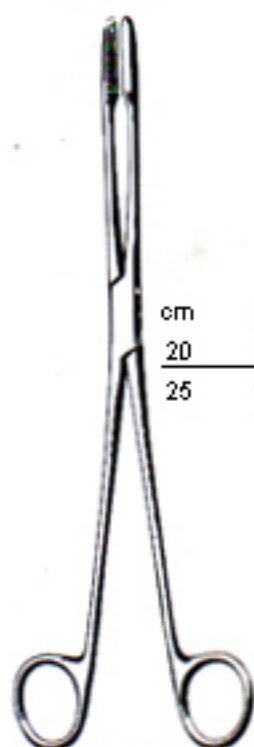


1/1

ES05-751-20



ES05-753-20



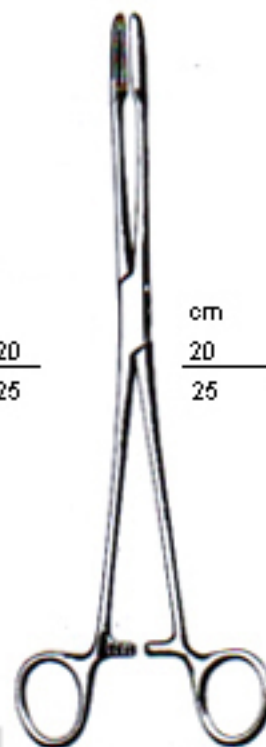
Gross Maier



1/1



| cm | in |             |             |
|----|----|-------------|-------------|
| 20 | 8  | ES05-755-20 | ES05-757-20 |
| 25 | 10 | ES05-755-25 | ES05-757-25 |



Gross Maier



1/1



| cm | in |             |             |
|----|----|-------------|-------------|
| 20 | 8  | ES05-759-20 | ES05-751-20 |
| 25 | 10 | ES05-759-25 | ES05-751-25 |





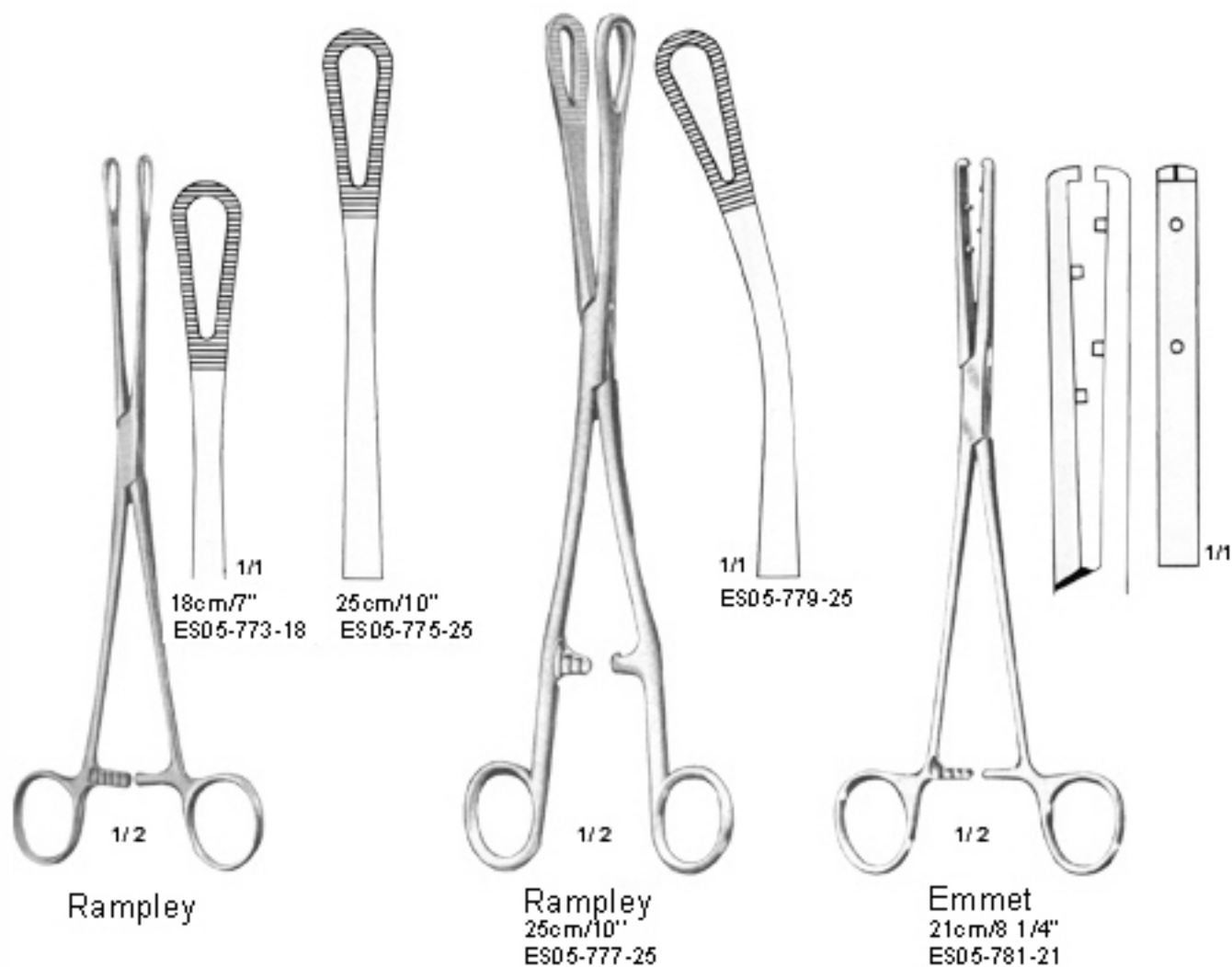
Sims-Maier  
28cm/11"



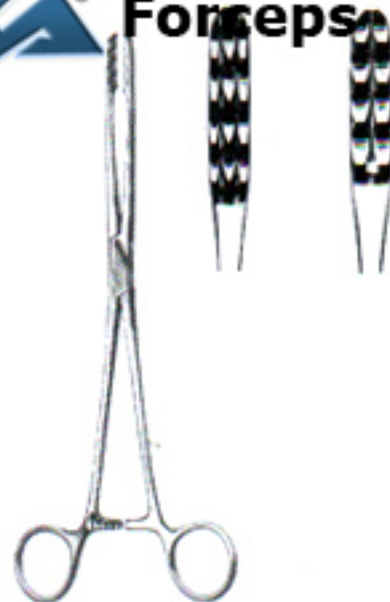
Collin  
25cm/10"



Cheron  
25cm/10"  
ES05-771-25

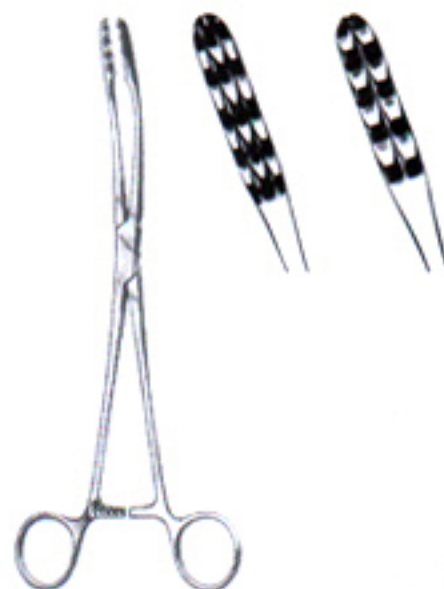


# Forceps



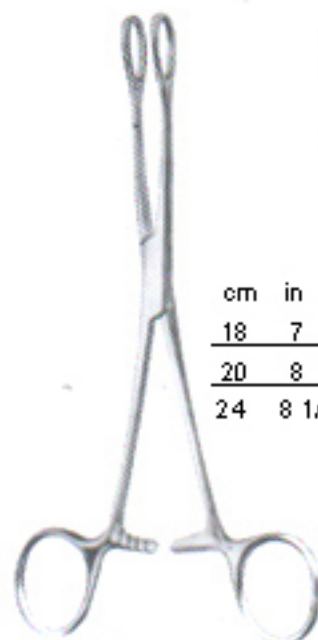
Urlich

|             |          |
|-------------|----------|
| ES05-783-18 | 18cm/7"  |
| ES05-783-20 | 20cm/8"  |
| ES05-783-25 | 25cm/10" |

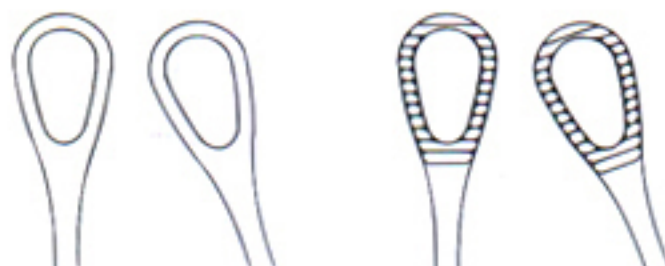


Urlich

|             |          |
|-------------|----------|
| ES05-785-18 | 18cm/7"  |
| ES05-785-20 | 20cm/8"  |
| ES05-785-25 | 25cm/10" |



Foerster  
(Ballenger)



| cm | in    |             |             |             |             |
|----|-------|-------------|-------------|-------------|-------------|
| 18 | 7     | ES05-787-18 | ES05-789-18 | ES05-791-18 | ES05-793-18 |
| 20 | 8     | ES05-787-20 | ES05-789-20 | ES05-791-20 | ES05-793-20 |
| 24 | 8 1/2 | ES05-787-24 | ES05-789-24 | ES05-791-24 | ES05-793-24 |



Bozemann  
26cm/10 1/4"

ES05-795-26



ES05-796-26



Bozemann  
26cm/10 1/4"

ES05-797-26



ES05-799-26  
S-Curved



Bozemann-Douglas  
26cm/10 1/4"  
ES05-801-26





1/2  
Zweifel  
17cm/6 3/4"  
ES05-803-17



22cm/8 3/4"  
ES05-805-22



Kleinschmidt  
12cm/4 3/4"  
ES05-807-12



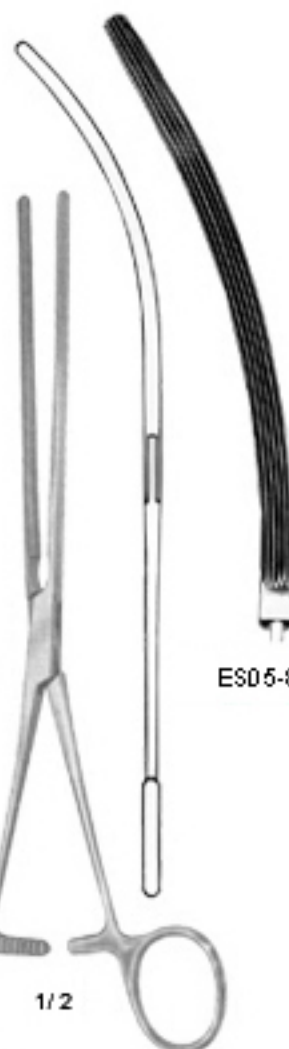
1/2  
Benson  
15cm/6"  
ES05-809-15



ES05-810-00



1/1  
ES05-811-23



1/2  
Kocher  
29cm/9"

ES05-812-23



25cm/10"  
ES05-813-25

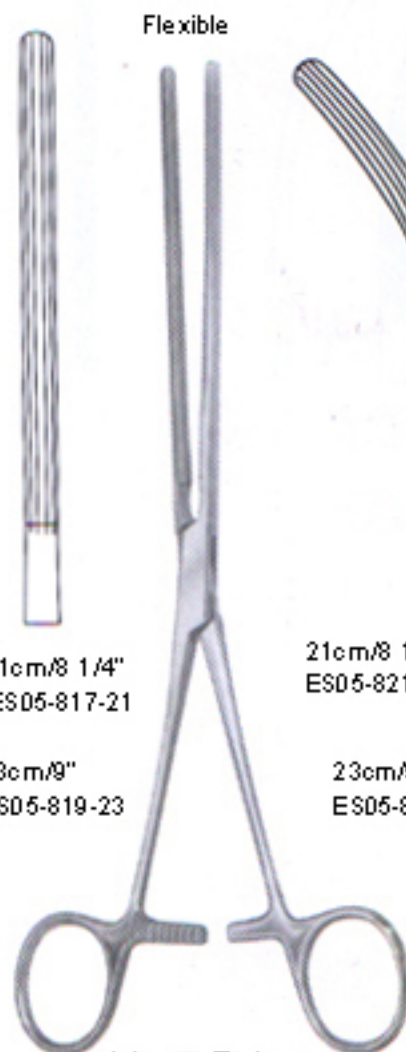


25cm/10"  
ES05-815-25



21cm/8 1/4"  
ES05-817-21

23cm/9"  
ES05-819-23



Mayo-Robson



21cm/8 1/4"  
ES05-821-21

23cm/9"  
ES05-823-23



25cm/10"  
ES05-825-25



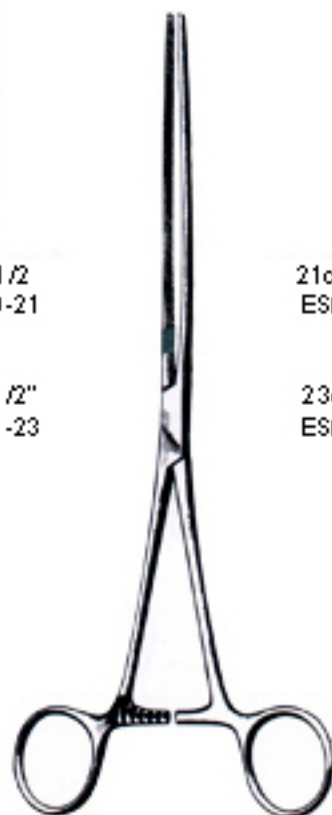
25cm/10"  
ES05-827-25







23cm/8 1/2"  
ES05-831-23



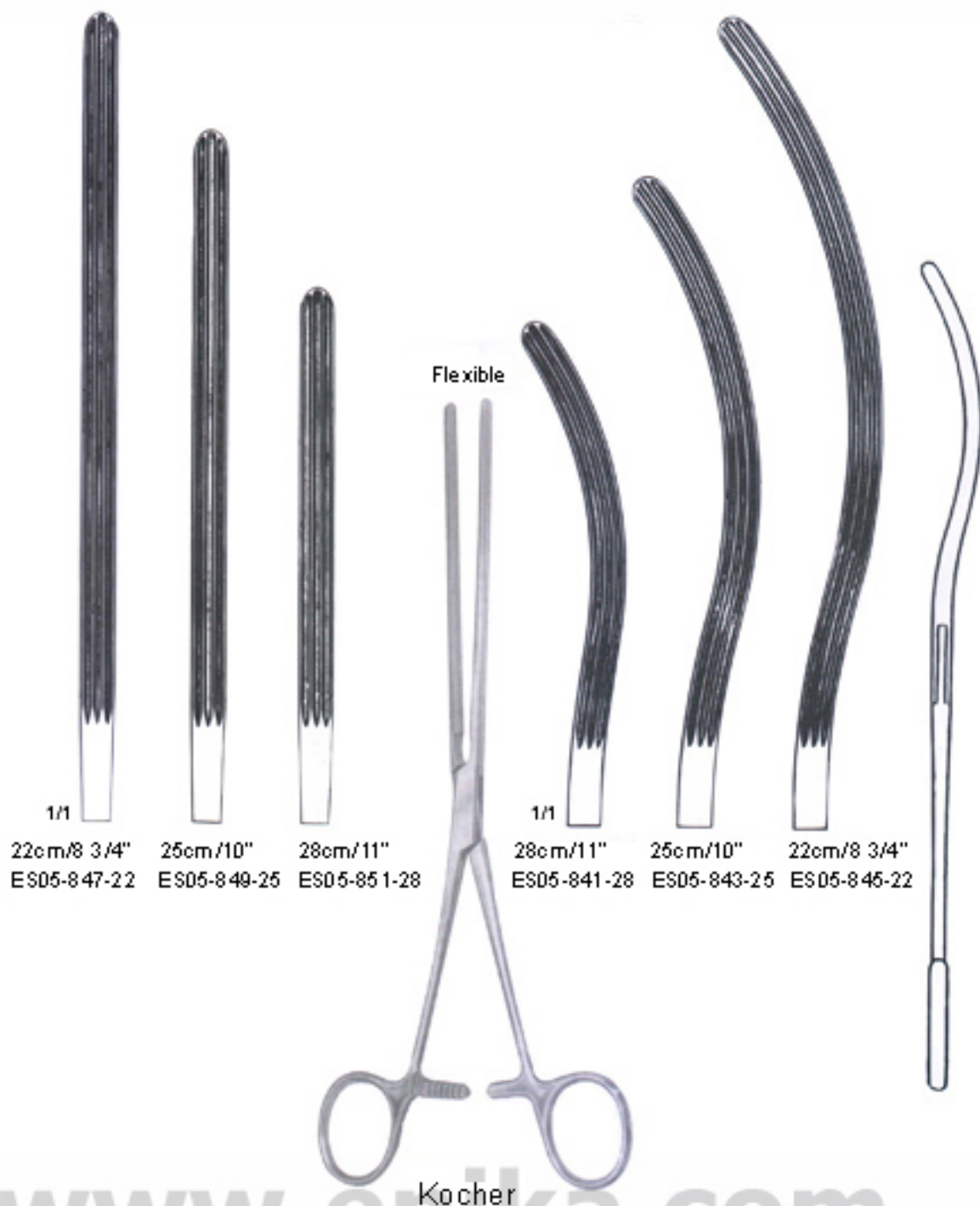
Doyen



Flexile



Baby-Doyen  
18cm/7"





Spencer-Wells(jones)

1/1



13cm/5"  
ES05-121-13



14cm/5½"  
ES05-121-14



15cm/6"  
ES05-121-15



20cm/8"  
ES05-121-20

1/1



13cm/5"  
ES05-123-13



14cm/5½"  
ES05-123-14



15cm/6"  
ES05-123-15



20cm/8"  
ES05-123-20



Rankin-Crile  
16cm6¼"

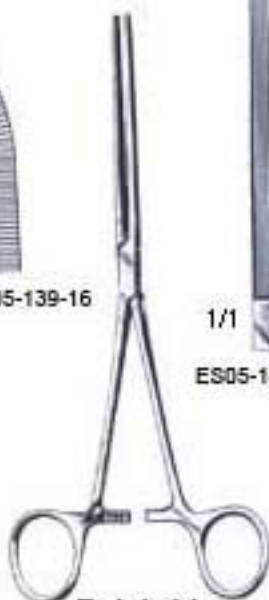
1/1



ES05-137-16 ES05-139-16



1/2



Bainbridge  
18.5cm7¼"

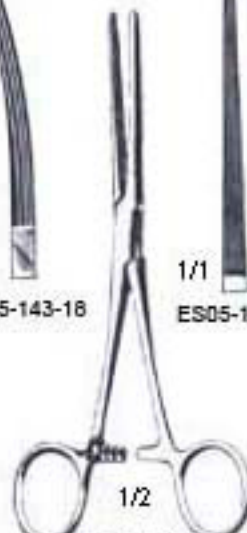
1/1



ES05-141-18



ES05-143-18



Bainbridge  
15cm/5"

1/1



ES05-145-15



ES05-147-15



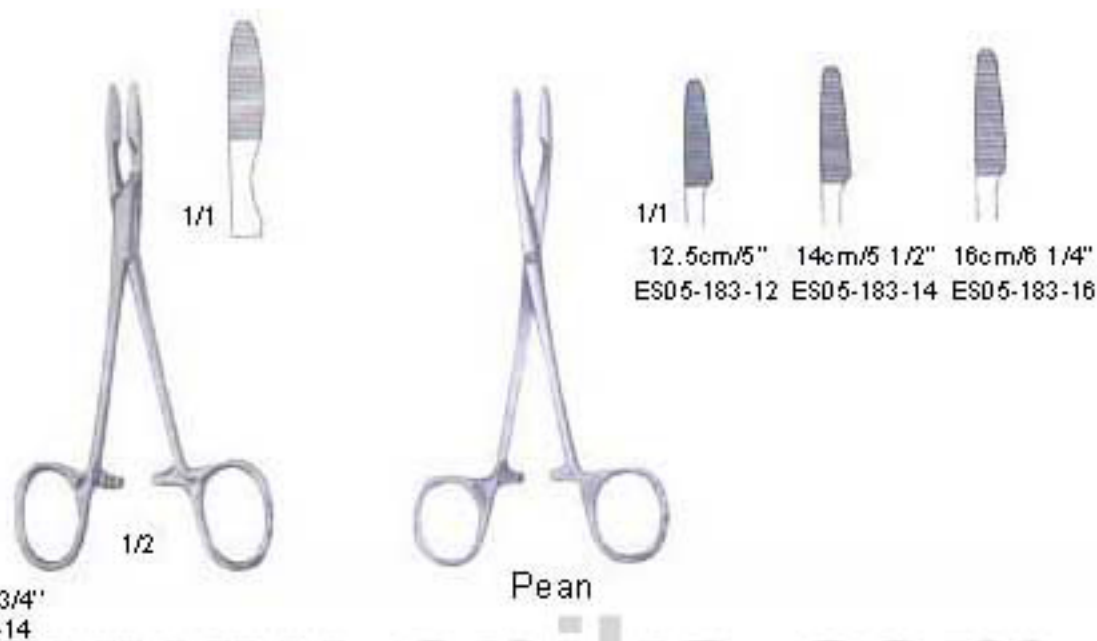
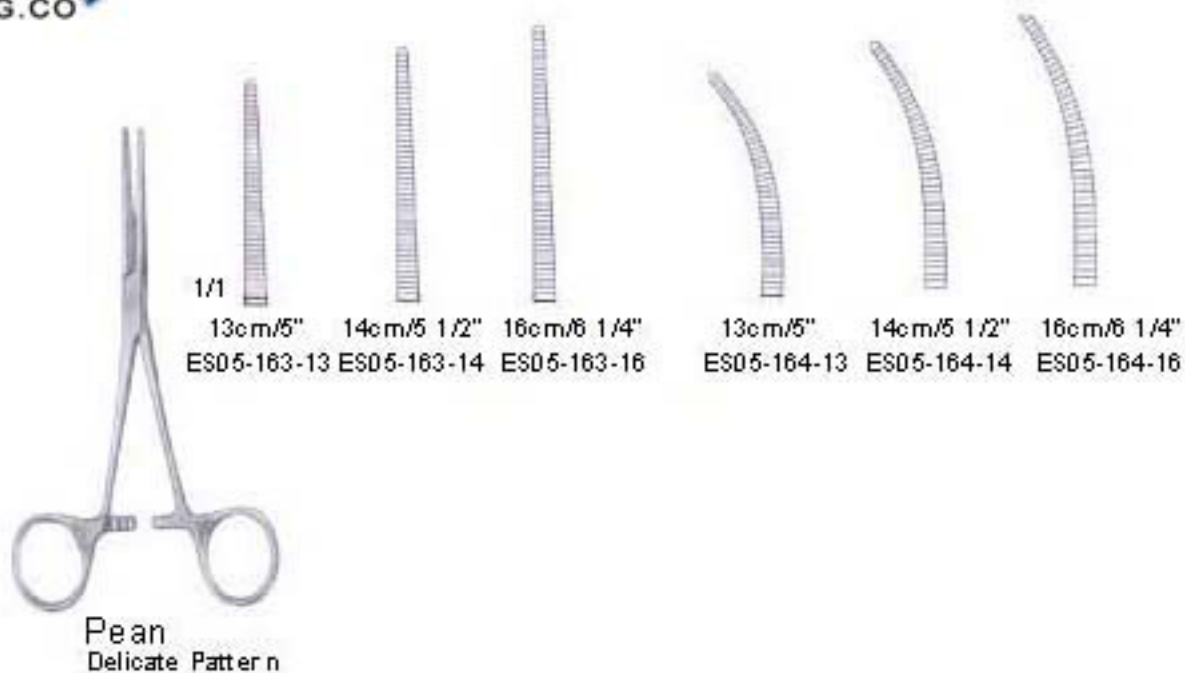
**Dixon-Lovelace**  
16cm/6 1/4"  
ES05-149-16

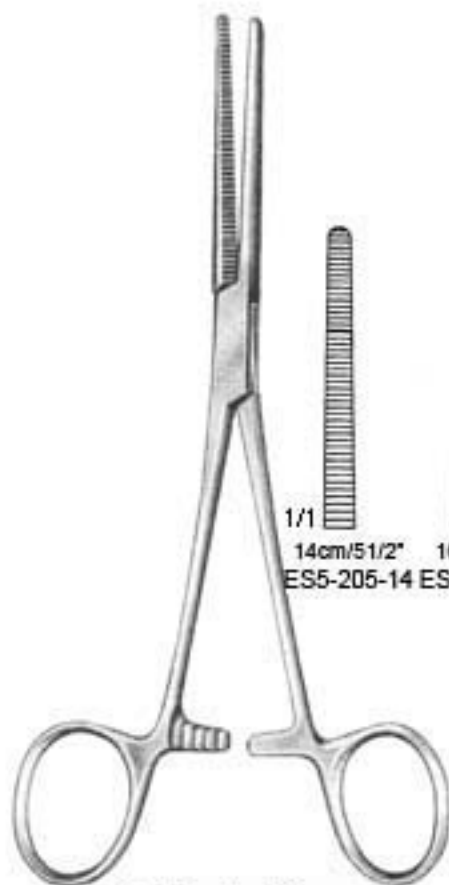


**Dixon-Lovelace**  
16cm/6 1/4"  
ES05-151-16



**Rochester-Carmalt** 16cm/6 1/4" ES05-153-16 18.5cm/6 1/4" ES05-153-18 20.5cm/8" ES05-153-20 16cm/6 1/4" ES05-154-16 18.5cm/7 1/4" ES05-154-18 20.5cm/8" ES05-154-20





Rochester-Pean

1/1

14cm/5 1/2"

ES5-205-14

16cm/1 1/4"

ES5-205-16

18cm/7"

ES5-205-18

20cm/8"

ES5-205-20

22cm/8 1/4"

ES5-205-22

24cm/9 1/2"

ES5-205-24

26cm/10 1/4"

ES5-205-26

26cm/11"

ES5-205-26

1/1

14cm/5 1/2"

ES5-207-14

16cm/6 1/4"

ES5-207-16

18cm/7"

ES5-207-18

20cm/8"

ES5-207-20

22cm/8 1/4"

ES5-207-22

24cm/9 1/2"

ES5-207-24

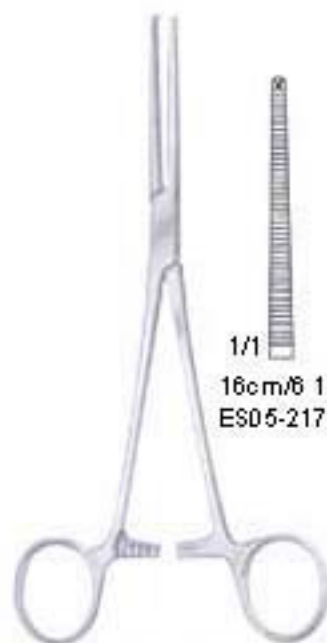
26cm/10 1/4"

ES5-207-26

26cm/11"

ES5-207-28





Rochester-Ochsner

1/1

16cm/6 1/4"

ES05-217-16

18cm/7"

ES05-217-18

20cm/8"

ES05-217-20

22cm/8 3/4"

ES05-217-22

24cm/9 1/2"

ES05-217-24

26cm/10 1/4"

ES05-217-26

28cm/11"

ES05-217-28

1/1

16cm/6 1/4"

ES05-219-16

18cm/7"

ES05-219-18

20cm/8"

ES05-219-20

22cm/8 3/4"

ES05-219-22

24cm/9 1/2"

ES05-219-24

26cm/10 1/4"

ES05-219-26

28cm/11"

ES05-219-28



**Micro-Mosquito**  
14cm/5 1/2"



1/1  
ES05-229-12



ES05-239-12



1/1  
ES05-249-12



1 x 2 Teeth

ES05-259-12



**Hartmann**  
(Baby-Mosquito)  
14cm/5 1/2"



1/1  
ES05-269-09



ES05-271-09



1 x 2 Teeth



ES05-273-09



ES05-275-09



**Halsted-Mosquito**



1/1  
18cm/7"  
ES05-277-18



21cm/8 1/4"  
ES05-277-20



18cm/7"  
ES05-287-18



21cm/8 1/4"  
ES05-287-20



1/1  
18cm/7"  
ES05-289-18



21cm/8 1/4"  
ES05-289-21



18cm/7"  
ES05-291-18

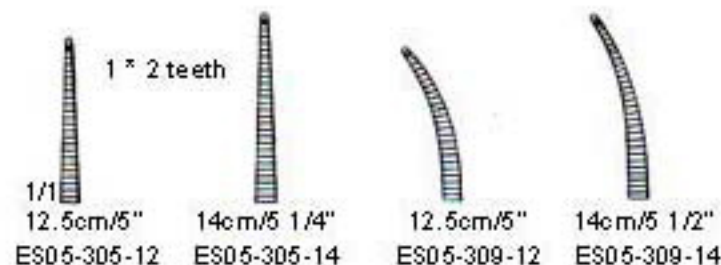
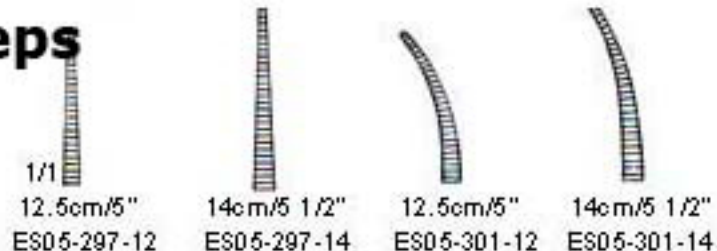


21cm/8 1/4"  
ES05-291-21

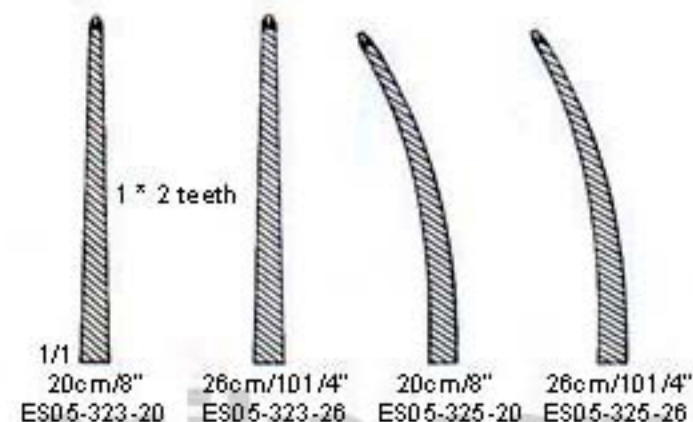
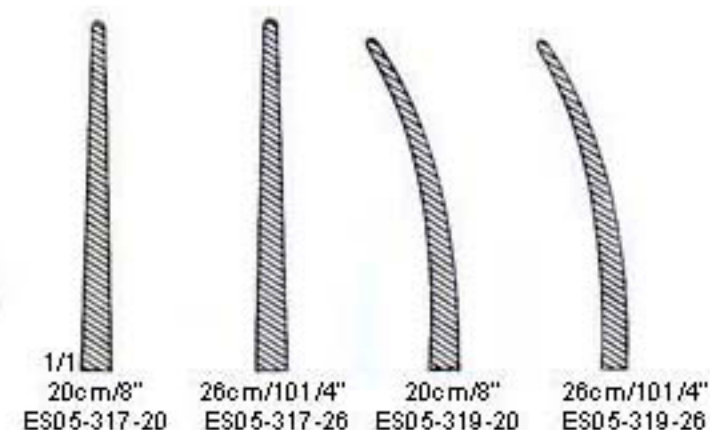
1 x 2 Teeth

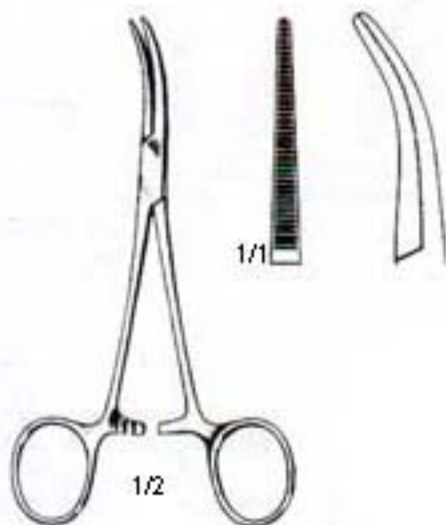


Halsted-Mosquito

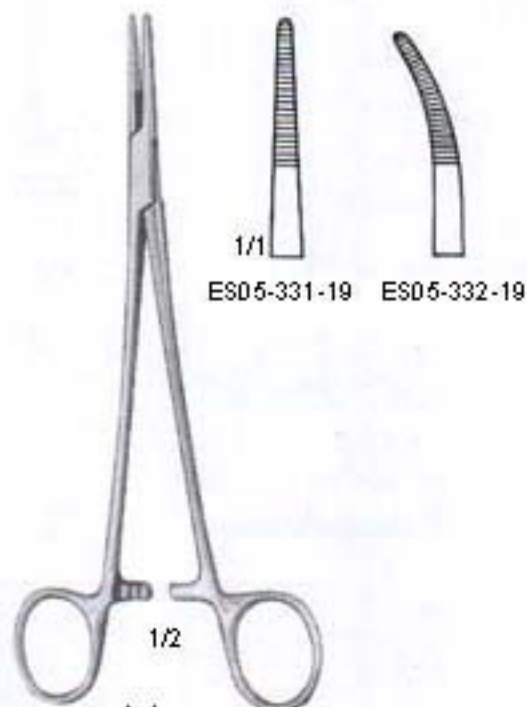


Bengolea





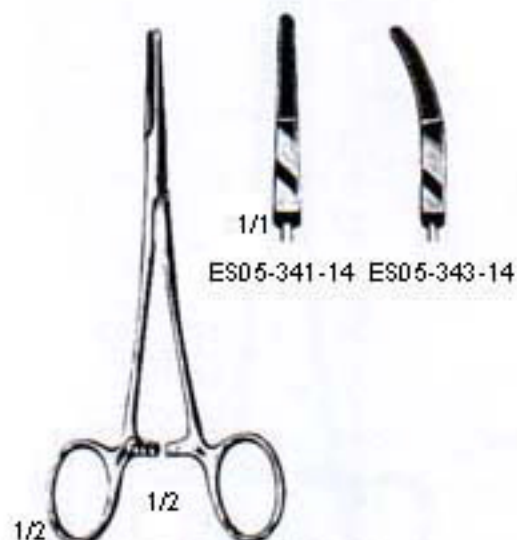
Dandy  
14cm/5 1/2"  
ES05-329-14



Adson  
19cm/7 1/2"



Leriche  
15cm/6"



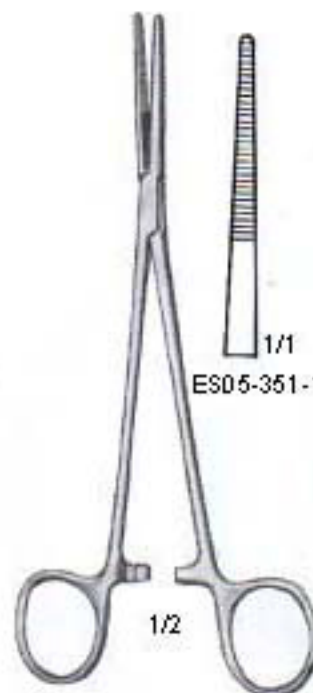
Providence-Hospital  
14cm/5 1/2"

# Forceps



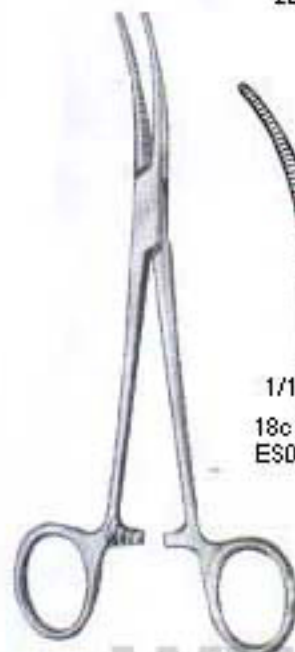
Heiss  
20cm/8"

ES05-345-20 ES05-347-20 ES05-349-20



Birkett  
19cm/7 1/2"

ES05-351-19 ES05-353-19



Crafoord (Coller)

ES05-355-18 ES05-355-20 ES05-355-24



Olivecrona (Crafoord)

ES05-357-18 ES05-357-20 ES05-357-20





Zenker  
30cm/12"

1/1

ES05-367-30



ES05-359-30



Sarot  
24cm/9 1/2"

1/1

ES05-373-24



ES05-375-24



Roberts  
24cm/9 1/2"

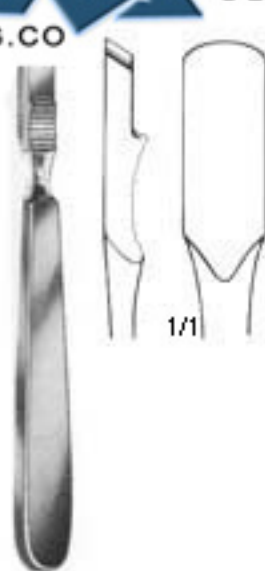
1/1

ES05-377-24

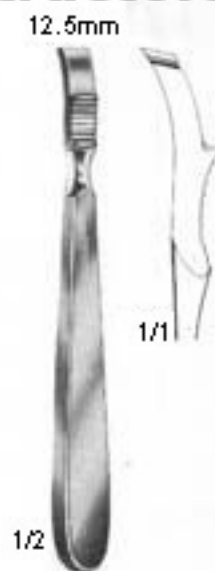


ES05-379-24

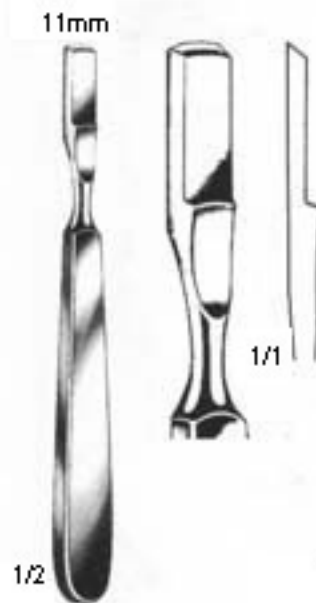




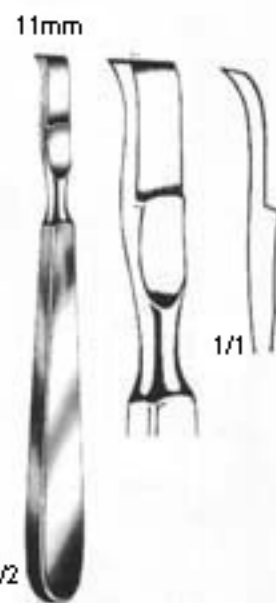
Farabeuf  
15cm/6"  
ES08-096-15



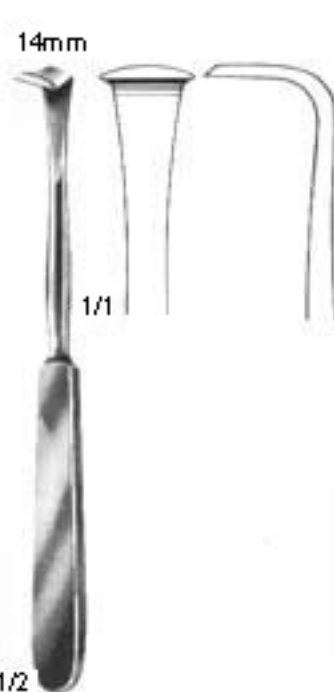
Farabeuf  
15cm/6"  
ES08-097-15



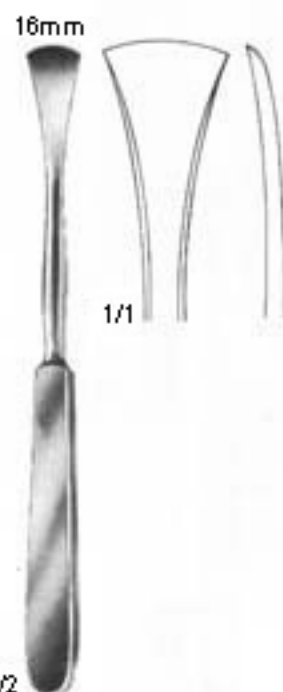
Farabeuf-Collin  
15.5cm/6 1/2"  
ES08-098-15



Farabeuf-Collin  
15.5cm/6 1/2"  
ES08-099-15



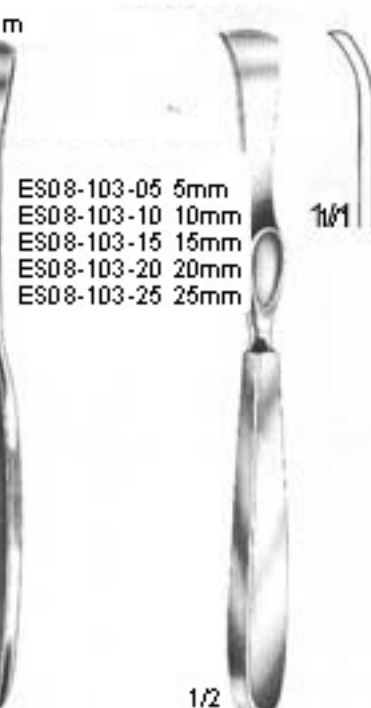
Langenbeck  
18cm/7"  
ES08-100-18



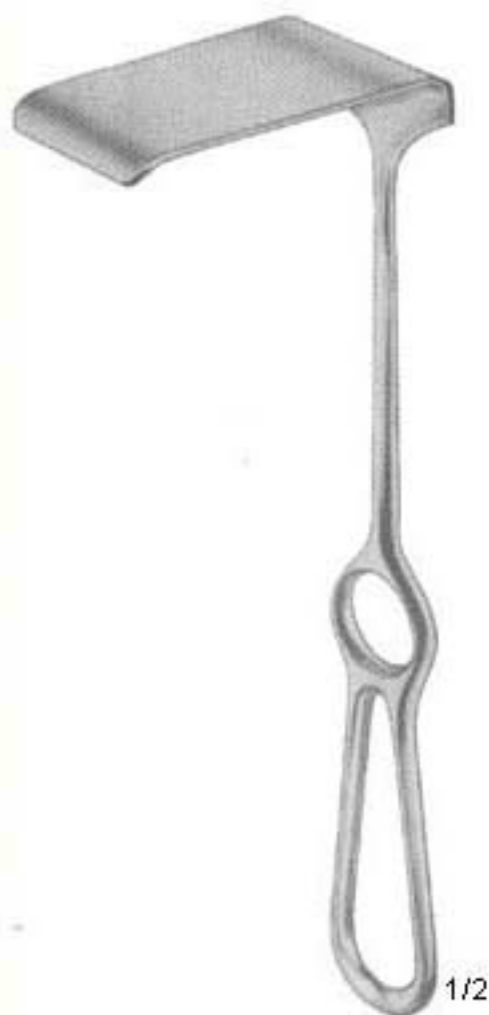
Langenbeck  
19cm/7 1/2"  
ES08-101-19



Cushing  
19cm/7 1/2"  
ES08-102-19



Lambotte  
21cm/8 1/4"



Kocher  
23cm/9"

1/2

40x18mm  
ES06-441-18

1/1

60x20mm  
ES06-441-20

1/1

60x25mm  
ES06-441-25

1/1

75x30mm  
ES06-441-30

1/1

75x40mm  
ES06-441-40

1/1

Also available in special sizes



25x8mm  
ES06-443-01



25x8mm  
ES06-443-02



35x8mm  
ES06-443-03



35x11mm  
ES06-443-04 1/1



35x15mm  
ES06-443-05



40x11mm  
ES06-443-06



55x11mm  
ES06-443-07



70x14mm  
ES06-443-08



80x12mm  
ES06-443-09



80x16mm  
ES06-443-10 1/1



1/2

Kocher-Langenbeck  
21.5cm/8 1/2"

20x14mm

1/1

20x19mm

1/2

20cm/8"  
ES06-449-20

Kocher  
22cm/8 3/4"

|             |         |
|-------------|---------|
| ES06-451-10 | 40x10mm |
| ES06-451-15 | 40x15mm |
| ES06-451-20 | 40x20mm |

1/2

1/2

Middeldorpt

1/2

14x17mm

◀ES06-453-14

ES06-455-14▶

21.5cm/8 1/2"

1/2

20x22mm

◀ES06-453-20

ES06-455-20▶

22cm/8 3/4"

1/2

26x30mm

◀ES06-453-26

ES06-455-26▶

23.5cm/9 1/4"

1/2

Middeldorpt

# Retractors





Hosel  
25cm/10"







1/2

Kocher  
28cm/11"



ES06-171-15



ES06-171-20



ES06-171-25



ES06-171-35



64x60mm

1/2

**Tuffier**  
23cm/9"  
ES06-473-23

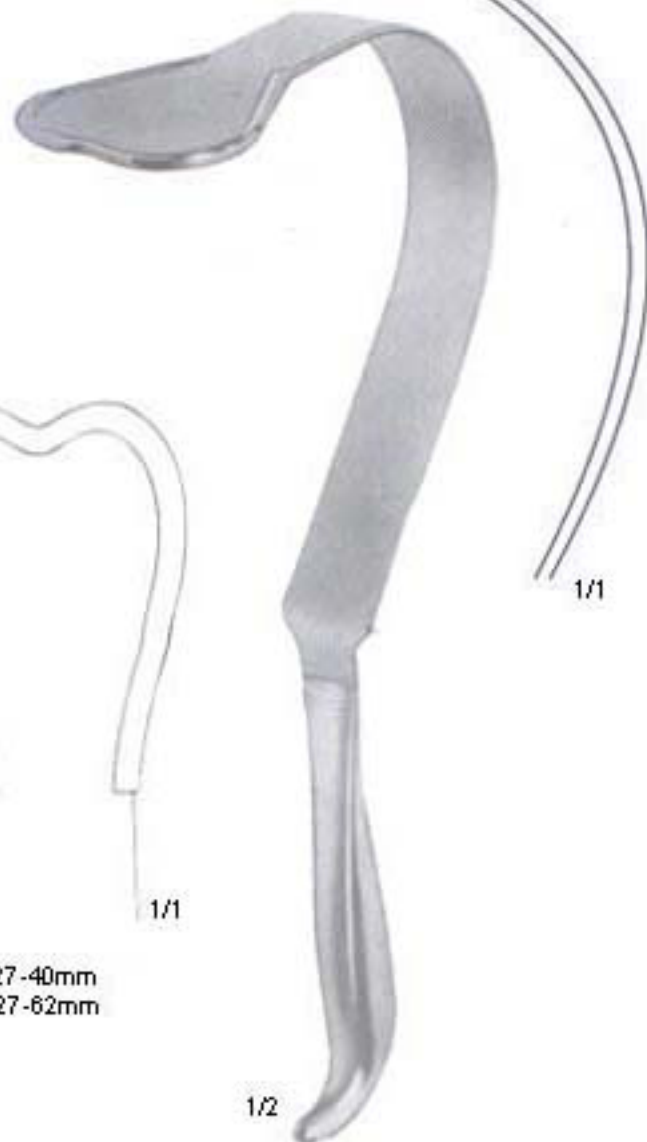


127-40mm  
127-62mm

1/1

1/2

**Harrington**  
32cm/12 1/2"



1/1

ES06-475-40 127x40mm  
ES06-475-62 127x62mm





ES06-485-27 115x27mm

ES06-485-22 115x22mm

105x27mm

95x20mm

1/1

1/1

1/1

1/2

1/2

**Martin**  
26cm/10 1/4"  
ES06-487-27

**Simon**  
28cm/11"

**Modell Tubingen**  
28cm/11"  
ES06-489-95  
95x20mm

1/2

80x30mm

ES06-491-18

160x30mm

ES06-491-16

140x25mm

ES06-491-14

120x25mm

ES06-491-12

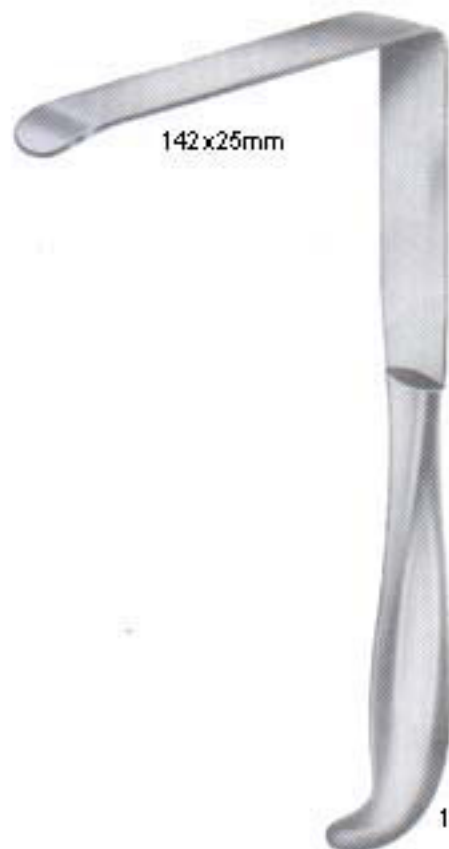
100x20mm

ES06-491-10

80x20mm

ES06-491-08

1/1



142x25mm

1/2

Brunner

24cm/9 1/2"

ES06-493-24



1/2

Brunner

25cm/10"



180x30mm  
ES06-495-18

160x30mm  
ES06-495-16

140x30mm  
ES06-495-14

130x30mm  
ES06-495-13

120x25mm  
ES06-495-12

100x25mm  
ES06-495-10

80x20mm  
ES06-495-08

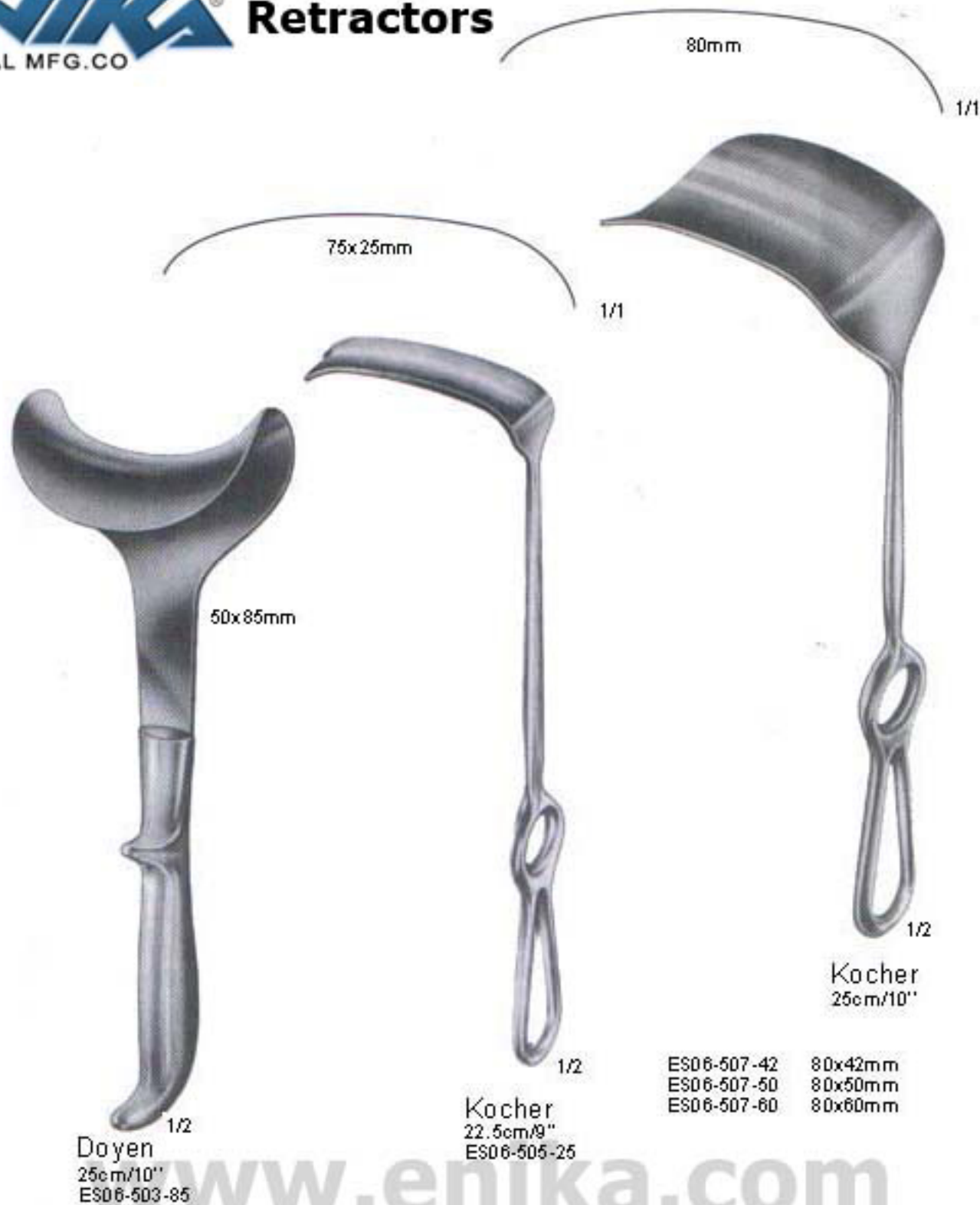


1/1

Bruner  
25cm/10"

1/2





|             |         |
|-------------|---------|
| ES06-507-42 | 80x42mm |
| ES06-507-50 | 80x50mm |
| ES06-507-60 | 80x60mm |

Kocher  
22.5cm/9"  
ES06-505-25

Doyen  
25cm/10"  
ES06-503-85

Kocher  
25cm/10"

155x50mm  
ES06-509-15

120x50mm  
ES06-509-12

85x35mm  
ES06-511-85

1/1

1/1

1/1

1/2

Mikulicz  
26cm/10 1/4"

1/2

Mikulicz  
26cm/10 1/4"

160x38mm  
160x57mm

90x50mm  
ES06-515-50

Mkkulicz  
26cm/10 1/4"

1/4

1/1

ES06-513-38 160x38mm  
ES06-513-57 160x57mm  
ES06-515-38 190x38mm  
ES06-515-57 190x57mm

Kelly  
27cm/10 1/2"

1/4

1/1

35mm

30x31mm

1/1

50x16mm  
ES06-521-50

90x50mm  
ES06-521-90

1/1

1/1

1/2

55mm

1/2

37x40mm

1/1

75x15mm  
ES06-521-75

1/2

1/1

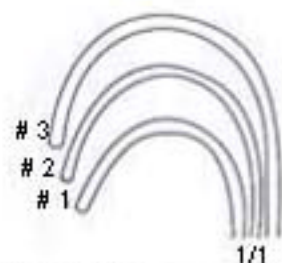
1/2

Collin-Hartmann  
16cm/6 1/4"  
ES06-517-16

Goelet  
19cm/7 1/2"  
ES06-519-19

Meyerding  
22.5cm/9"





# 1 20x22mm  
25x28mm ES06-542-01

# 2 23x26mm  
29x38mm ES06-542-03

# 3 29x29mm  
34x44mm ES06-542-03

1/2

**Roux**  
16.5cm/6 1/2"  
ES06-541-00  
set of 3



18x21mm

1/2

**Baby-Roux**  
13cm/5 1/2"  
ES06-543-13

28x23mm

43x23mm

1/2

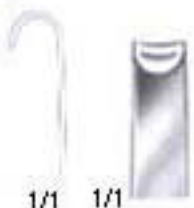
**Roux**  
16.5cm/6 1/2"  
ES06-545-16

28x27mm

45x27mm

1/2

**Roux**  
18.5cm/7 1/4"  
ES06-547-18



1/1

1/1



1/1

1/1

1/2

**Mini-Roux**  
15cm/6"  
ES06-549-15

23x26mm

29x38mm

1/2

**Roux-Magnus**  
15cm/6"  
ES06-551-15

23x26mm

29x38mm

1/2

**Roux-Magnus**  
16cm/6 1/4"  
ES06-553-16

29x29mm

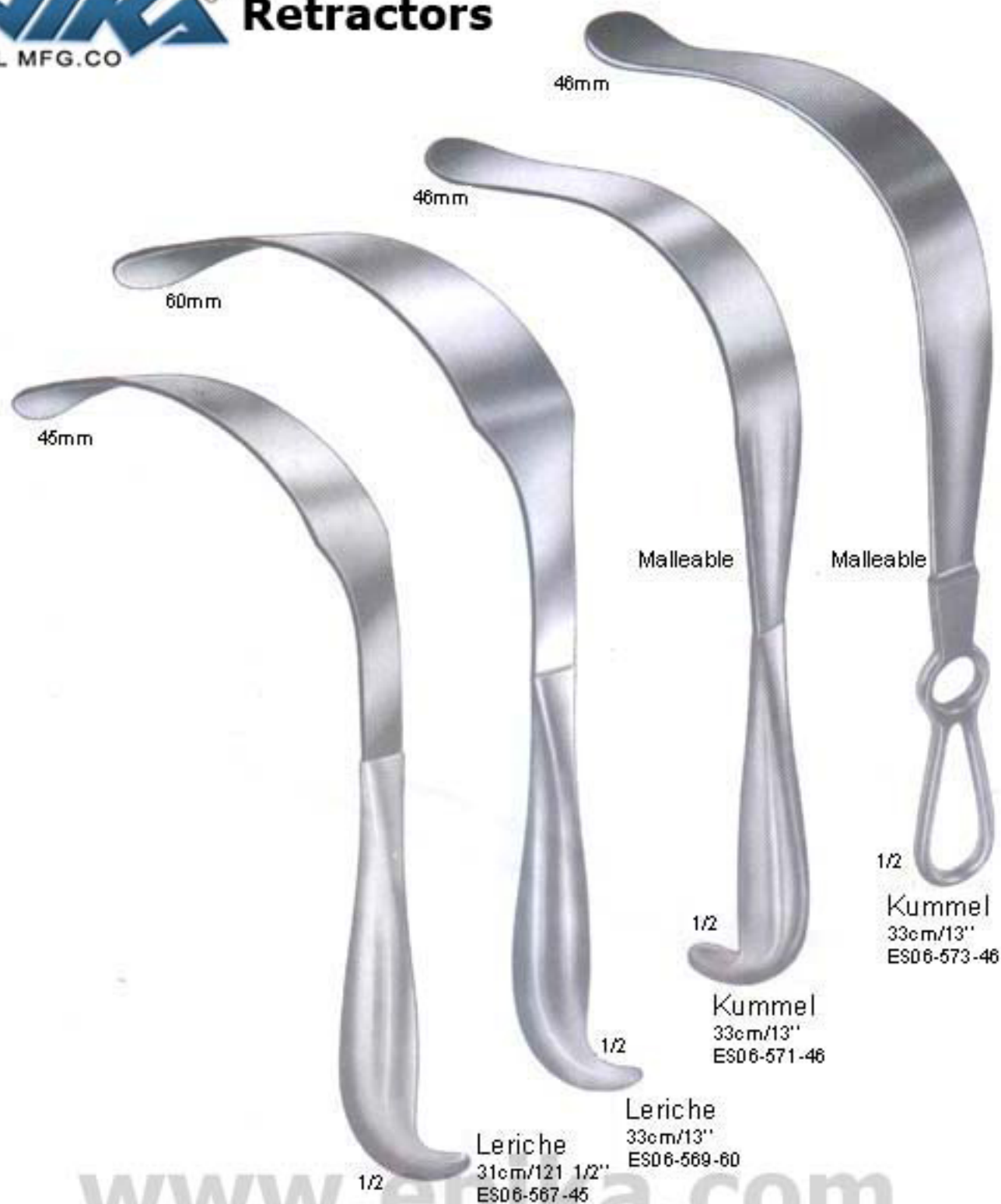
34x44mm

1/2

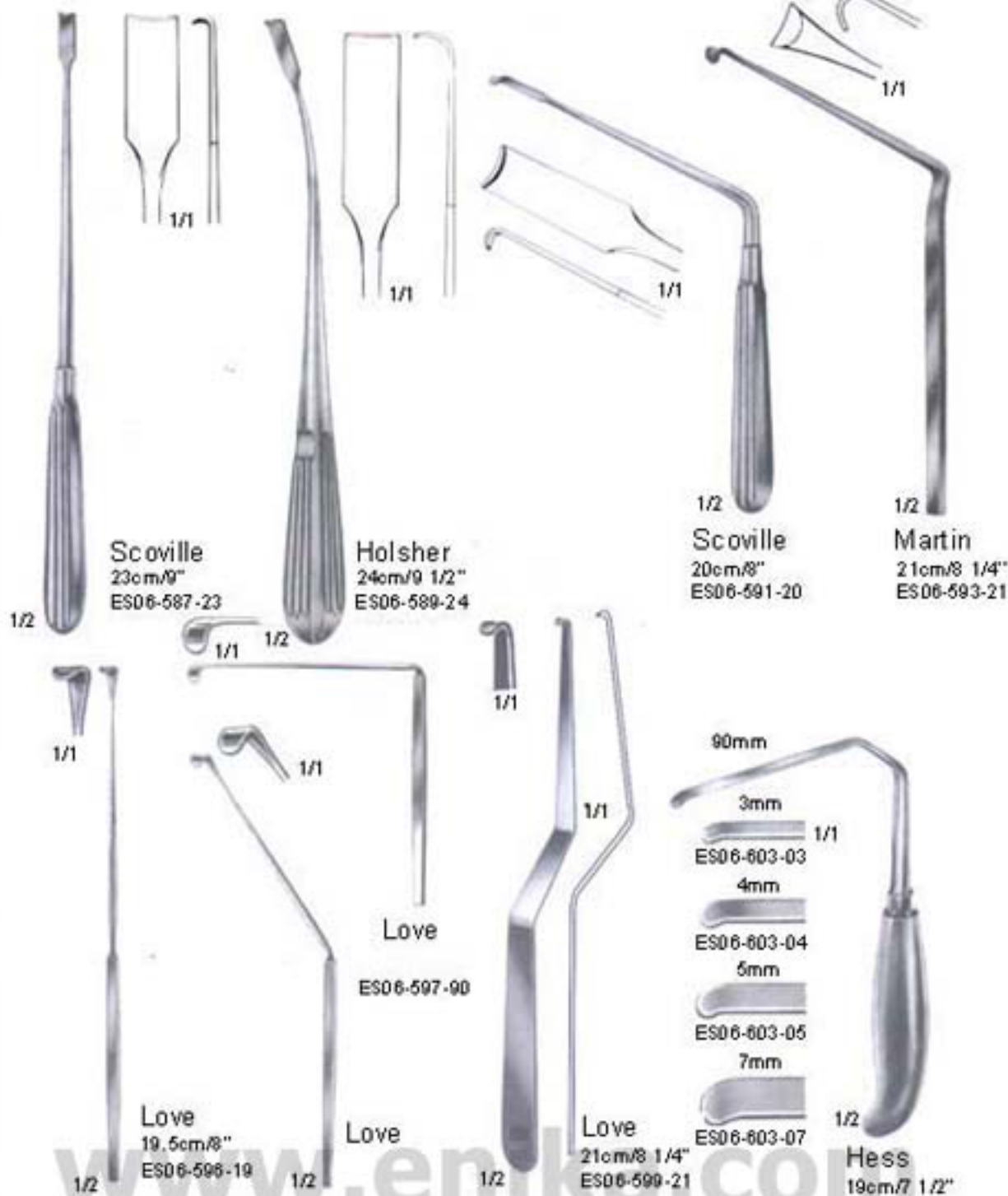
**Roux-Magnus**  
17cm/6 3/4"  
ES06-553-17



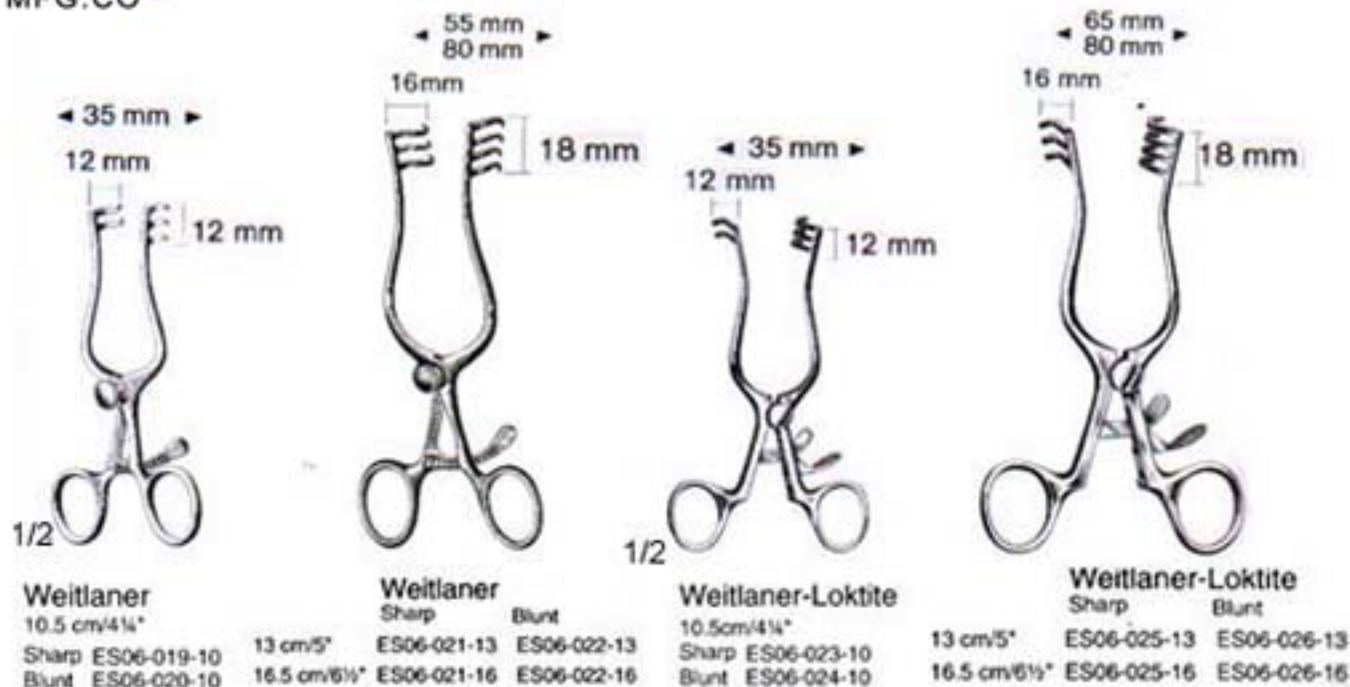












**Weitlaner-Wullstein**

13cm/5"  
Sharp ES06-031-13  
Blunt ES06-032-13

**Weitlaner**

26cm/10 1/4"  
Sharp ES06-033-26  
Blunt ES06-034-26

**Weitlaner**

27cm/10 1/2"  
Sharp ES06-035-27  
Blunt ES06-036-27

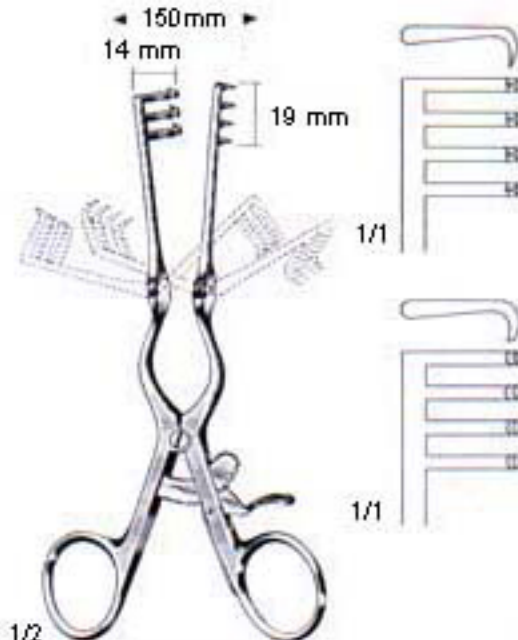
**Milligan**

13cm/5"  
Blunt ES06-037-13

# Retractors



**Weitlaner-Baby**  
13cm/5"  
ES06-040-13



**Adson-Baby**  
16cm/6 1/4"  
Sharp ES06-041-16  
Blunt ES06-042-16

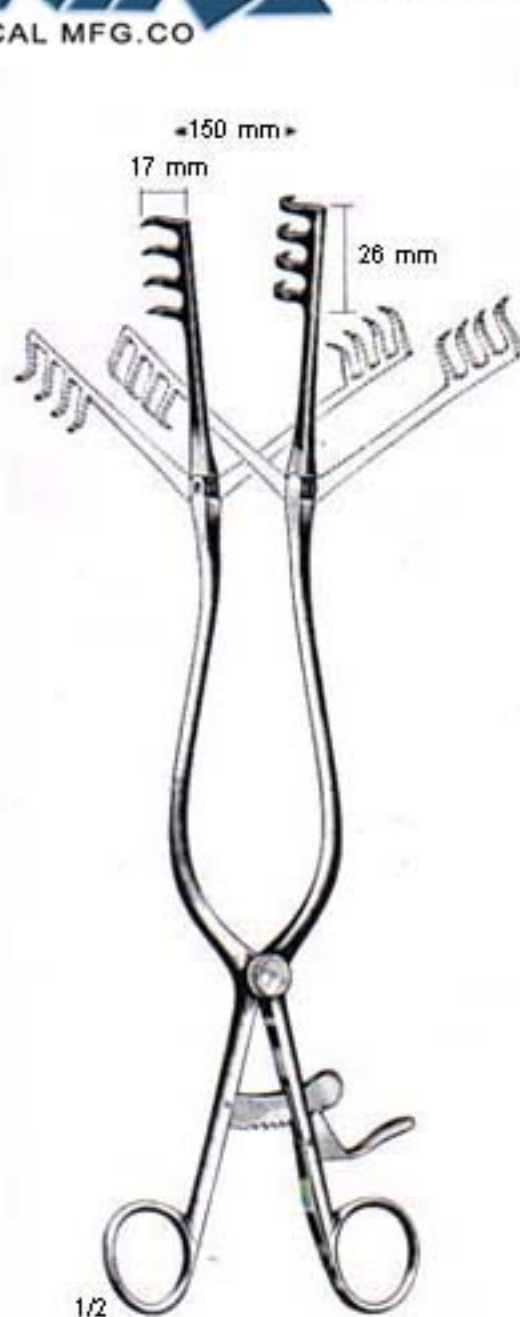


Cloward



Cloward





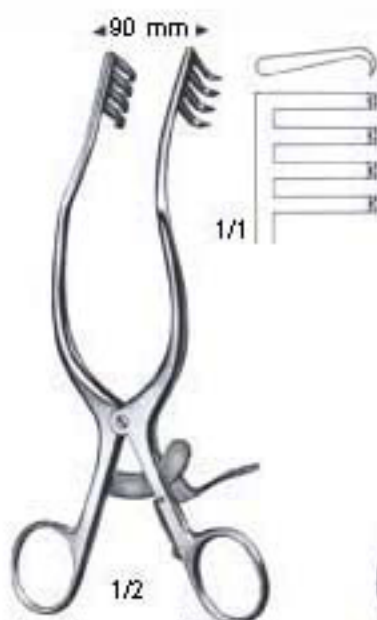
Beckmann  
31cm/12 1/4"  
ES05-047-31



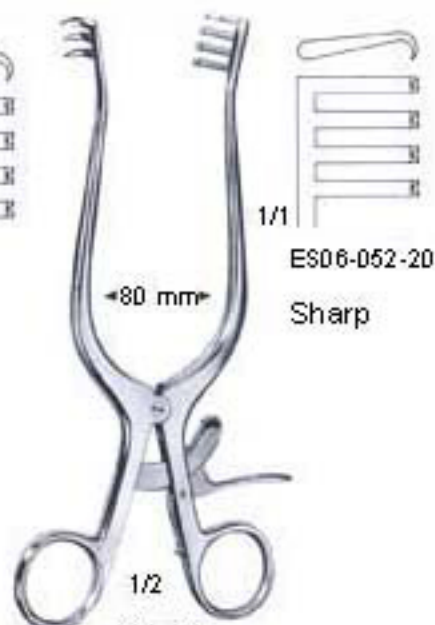
Adson  
32cm/12 1/2"  
ES05-048-32



Beckmann-Eaton  
32cm/12 1/2"  
ES05-049-32



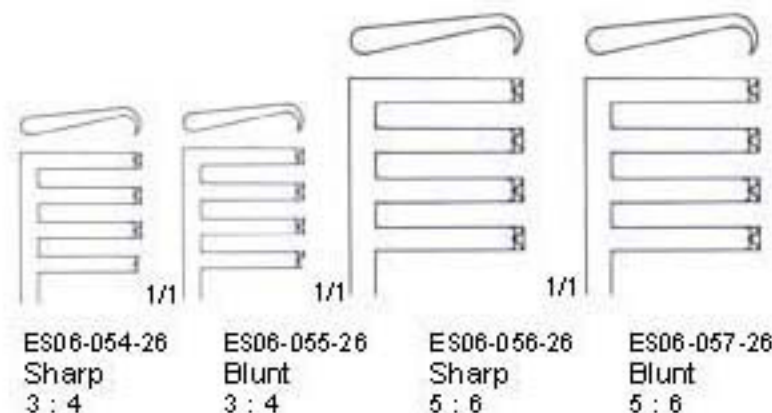
Anderson-Adson  
19.5cm/8"  
ES06-051-20



Weitlaner  
20cm/8"  
ES06-052-20



Adson  
26.5cm/10 1/2"





**Rigby**  
ES06-060-18



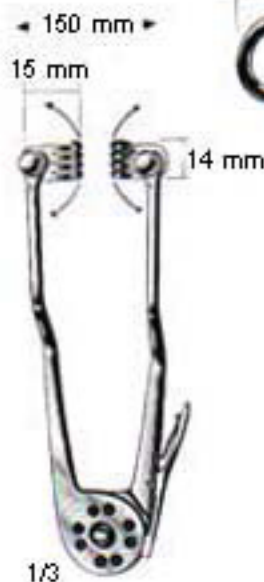
18cm/7"  
ES06-061-18



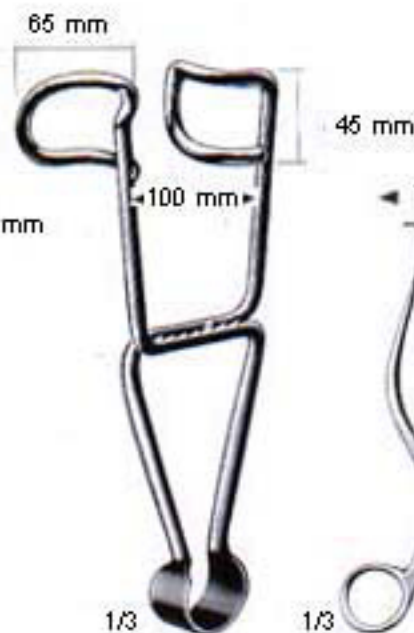
17cm/6 3/4"  
ES06-062-17



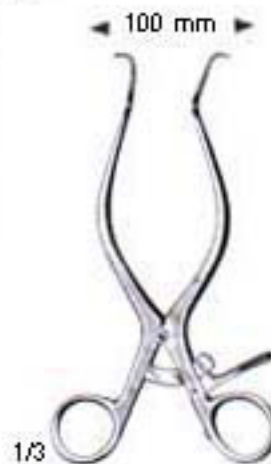
**Kocher**  
16cm/6 1/4"  
ES06-063-16



**Crotti**  
18.5cm/7 1/4"  
ES06-064-18



**Dartigues**  
ES06-065-26



**Gelpi-Loktite**  
ES06-066-18  
(Perineum)



**Gelpi-Loktite**  
ES06-067-18  
(Perineum)



**Mayo-Adams**  
ES06-070-17



**Houzel**  
ES06-071-16



**Baby-Collin**  
ES06-072-00  
2 Blades

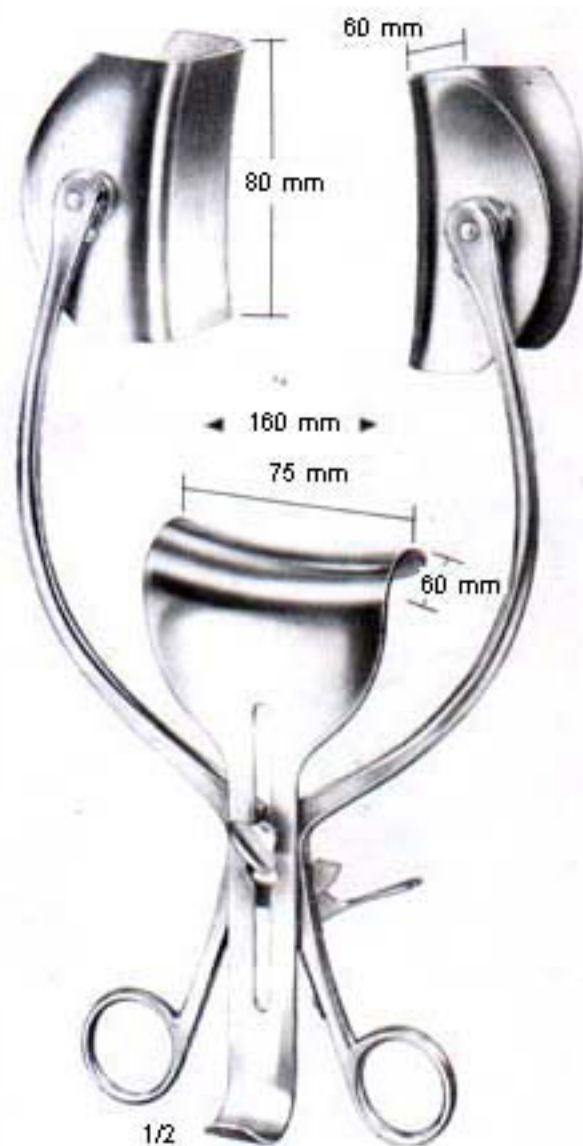


**Collin**  
ES06-074-00 = 38 \* 60 mm / 36 \* 55 mm  
ES06-075-00 = 38 \* 80 mm / 50 \* 75 mm



**Collin**  
ES06-073-22





Collin-Loktite  
ES06-077-00



Robin-Masse

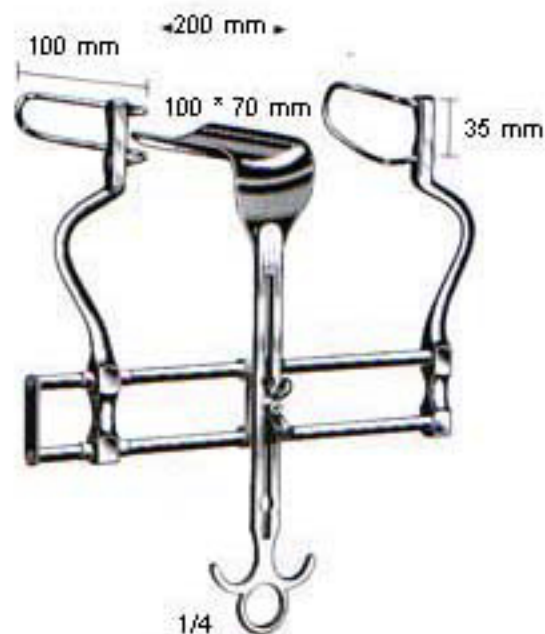
|             | Lateral      | Central      | Opening |
|-------------|--------------|--------------|---------|
| ES06-078-00 | = 40 * 80 mm | / 40 * 55 mm | 160 mm  |

Ricard

|             |              |              |        |
|-------------|--------------|--------------|--------|
| ES06-079-00 | = 80 * 90 mm | / 80 * 90 mm | 300 mm |
|-------------|--------------|--------------|--------|



Balfour  
ES06-081-00



Balfour  
ES06-082-00



Balfour  
ES06-083-00

Center blade only  
ES06-084-01=45 \* 80 mm  
ES06-084-02=70 \* 85 mm  
ES06-084-03=80 \* 90 mm

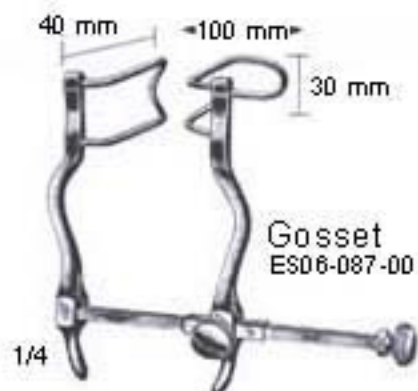


Balfour  
ES06-084-00

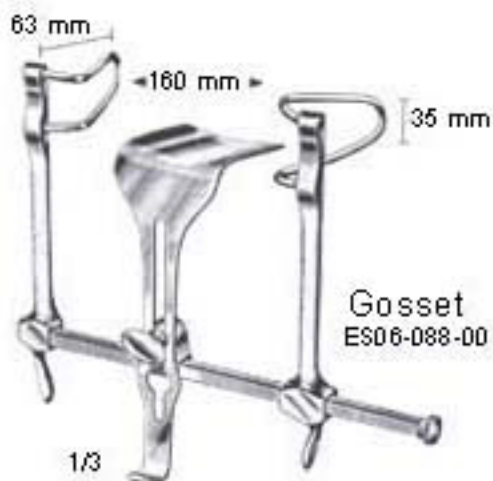




Gosset  
ES06-086-00



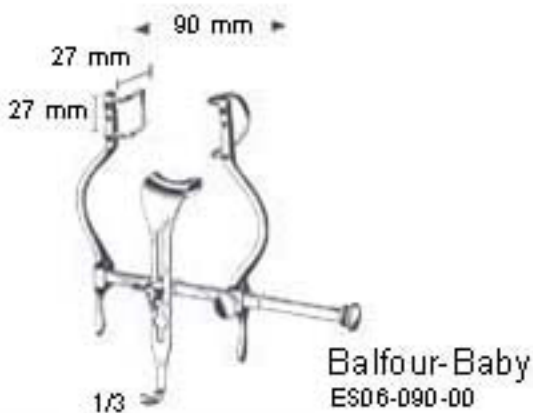
Gosset  
ES06-087-00



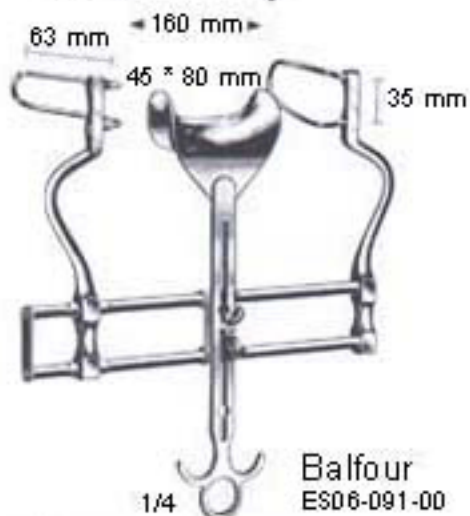
Gosset  
ES06-088-00



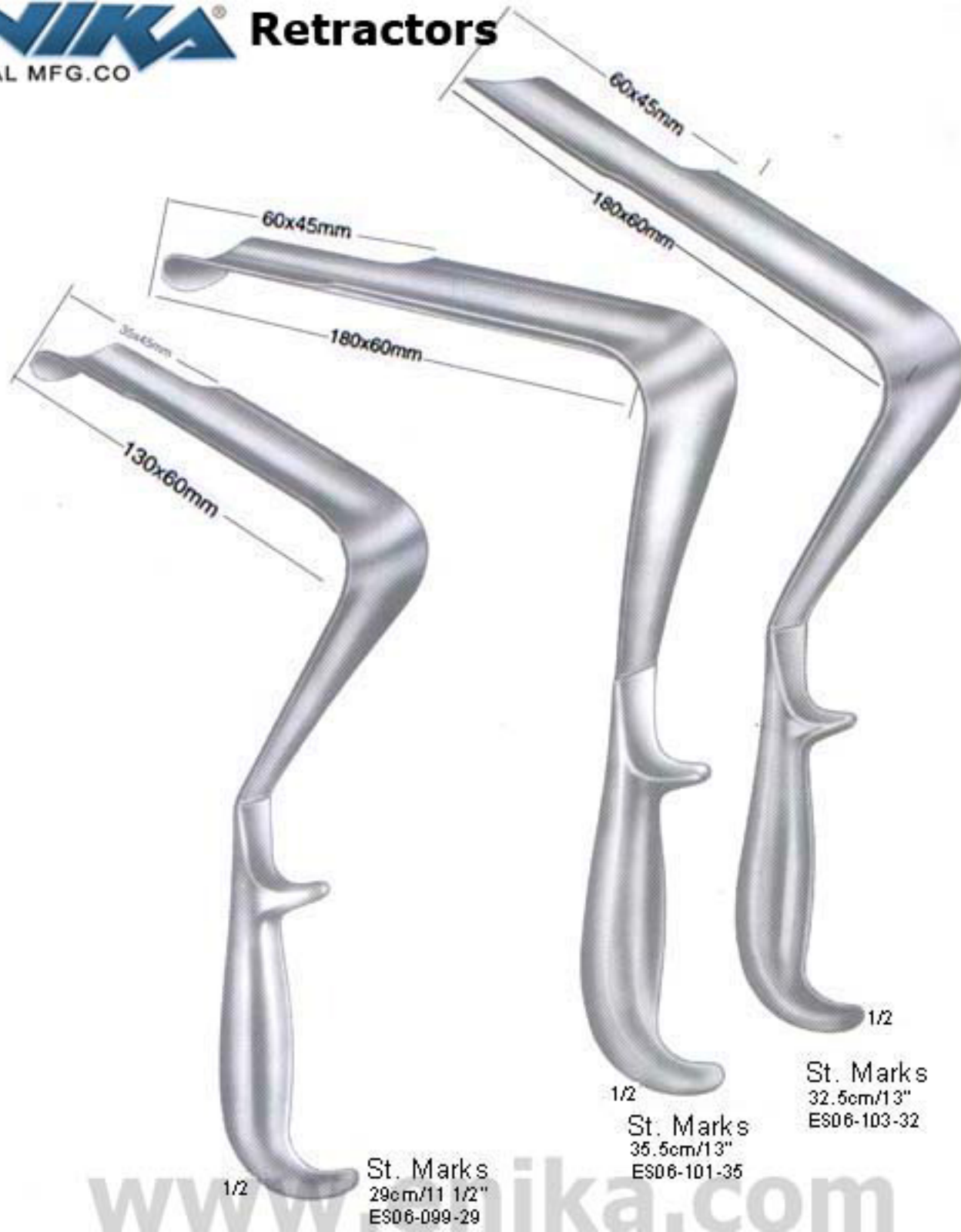
Gosset  
ES06-089-00



Balfour-Baby  
ES06-090-00



Balfour  
ES06-091-00



35 mm



1/2

Legueu

27cm/10 1/2"  
ES06-105-27

65 mm



1/2

Kocher

26cm/10 1/4"  
ES060-107-26

67 mm



1/2

Kocher

26cm/10 1/4"  
ES06-109-26





Sharp

Blunt

Semi-Sharp

Volkmann  
21.5cm/8 3/4"

Sharp

Blunt

Semi-Sharp

Volkmann  
21.5cm/8 3/4"

9x8 mm



ES06-169-02

9x13 mm



ES06-169-03

9x19 mm



ES06-169-04

9x29 mm



ES06-169-06

9x40 mm



ES06-169-08

1/2

1/2

1/2

15x10 mm



ES06-175-02

15x15 mm



ES06-175-03

15x20 mm



ES06-175-04

15x30 mm



ES06-175-06

15x40 mm



ES06-175-08

1/2

1/2

1/2

ES06-177-02

ES06-177-03

ES06-177-04

ES06-177-06

ES06-177-08

ES06-179-02

ES06-179-03

ES06-179-04

ES06-179-06

ES06-179-08





36 x 30 mm

1/2

ES06-181-30



36 x 30 mm

ES06-181-30

33 x 20 mm



Wassmund  
20cm/8"

1/2

ES06-183-20



26 x 40 mm

1/1

ES06-185-08

Sharp

26 x 40 mm

1/1

ES06-187-08

Blunt

Ollier

22.5cm/9"

1/2

46 x 55 mm

ES06-189-55

1/2

Korte

24cm/9 1/2"

1/2

Korte

23cm/9"





Korte  
28cm/11"  
ES06-191-08



25cm/10"  
ES06-193-08



25cm/10"  
ES06-195-25

40 \* 40 mm



ES06-197-40

45 \* 50 mm



ES06-197-50

50 \* 60 mm



ES06-197-60

70 \* 70 mm



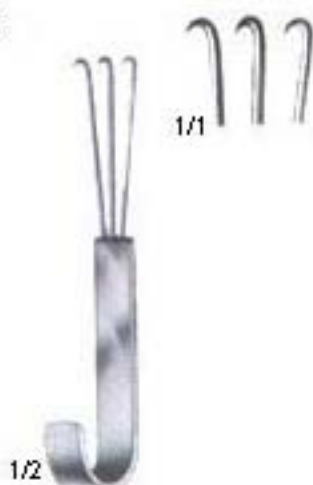
ES06-197-70



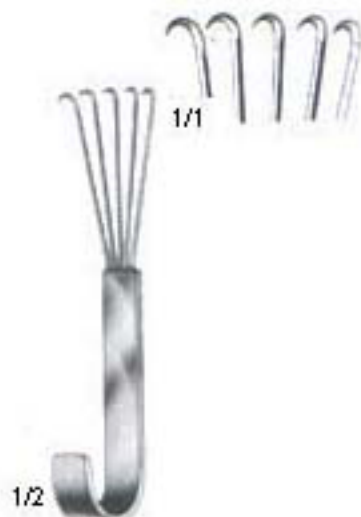
Israel  
25cm/10"



Niro 17cm/6 3/4" ES06-199-17  
Niro 17cm/6 3/4" ES06-201-17  
Niro 17cm/6 3/4" ES06-203-17  
Niro 17cm/6 3/4" ES06-205-17



12cm/4 3/4" ES06-207-12



12cm/4 3/4" ES06-209-12



13cm/5 1/4" ES06-211-06



Miller 13cm/5 1/4"



1/1 Sharp ES06-213-09



1/1 Blunt ES06-215-09



O'Conner 12cm/4 3/4" ES06-217-12



Cushing 14cm/5 1/2" ES06-219-14



Cloward 15.5cm/6 1/2" ES06-221-16



**Smithwick**  
17cm/6 1/2" ES06-223-17  
21cm/8 1/4" ES06-224-21

1/2



**Smithwick**  
29cm/11 1/2" ES06-225-29

1/2



1/1



ES06-227-01

**Frazier**  
19cm/7 1/2"

1/2



1/1



ES06-227-02

**Frazier**  
19cm/7 1/2"

1/2



**Hoen**  
22cm/8 3/4"

1/2  
ES06-229-22

1/1



1/2

**Dandy**  
20cm/8" ES06-231-20



1/2

**Dandy**  
20cm/8" ES06-233-20



1/2

**Dandy**  
20cm/8" ES06-235-20

1/2



**Adson**  
23cm/9" ES06-237-23

1/1

1/2



**Graham**  
16.5cm/6 1/2" ES06-239-16

1/1

1/2



**Sach**  
18.5cm/7 1/4" ES06-241-18

1/1

1/2



**Cloward**  
16cm/6 1/2" ES06-243-16

1/1

1/1

# Retractors



Crile  
14.5cm/5 3/4"  
ES06-245-14



Crile  
20cm/8"  
ES06-247-20



Cushing

19cm/7 1/2"

ES06-249-01

ES06-249-02

28cm/11"

ES06-251-01

ES06-251-02

1/1 Sharp

1/1 Blunt



Adson  
20cm/8"  
ES06-253-20



Adson  
20cm/8"  
ES06-255-20



Cushing  
14.5cm/5 3/4"  
ES06-257-14



Frazier  
13cm/5"  
ES06-258-13  
18cm/7"  
ES06-259-18



Blunt  
13cm/5"  
ES06-261-13  
18cm/7"  
ES06-263-18



Tonnis  
15cm/6"  
ES06-265-15

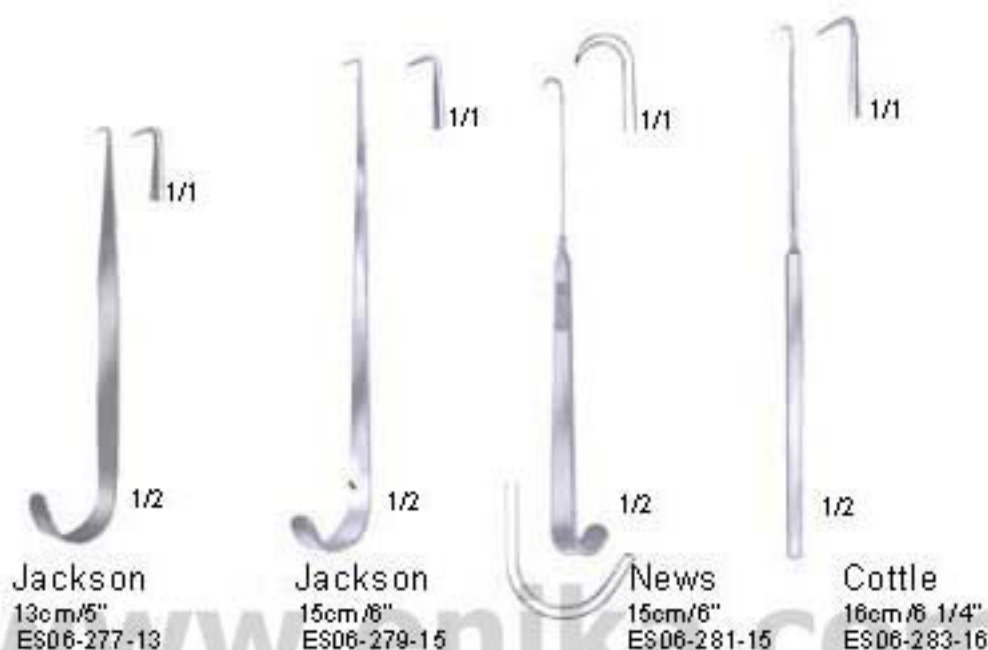
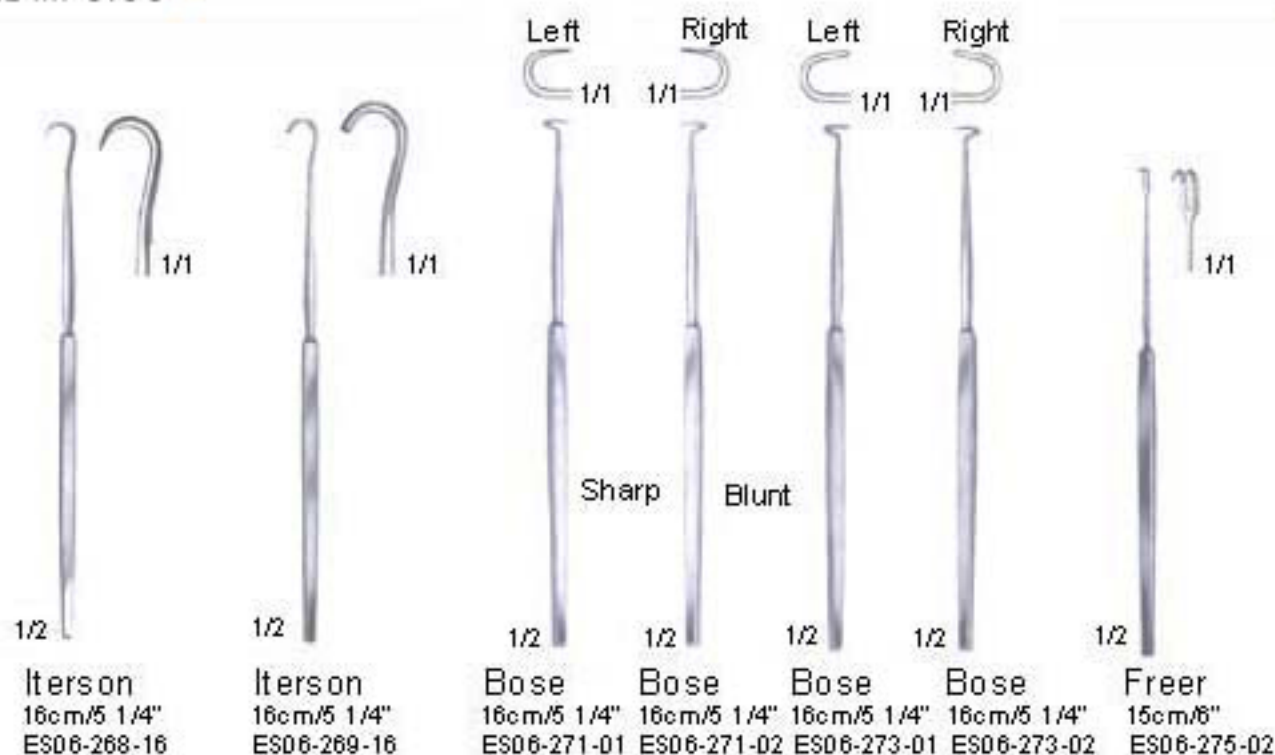


Kleinert-Kutz  
16cm/6 1/4"

ES06-267-01

ES06-267-02

ES06-267-03







**Lukens**  
17cm/6 3/4"  
ES06-285-17



**Jackson**  
17cm/6 3/4"  
ES06-287-17



**Cope**  
18cm/7"  
ES06-289-18



**Schoenborn**  
21cm/8 1/4"  
ES06-291-21



**Kilner (Barsky)**  
ES06-293-15  
15cm/6"

1/2



**Hartmann**  
ES06-295-16  
16cm/6 1/2"

1/2



**Gillies**  
ES06-297-18  
18cm/7"

1/2



**Gillies**  
ES06-299-18  
18cm/7"

1/2



**Gillies**  
ES06-301-18  
18cm/7"

1/2



**Sachs**  
ES06-303-21  
21cm/8 1/4"

1/2



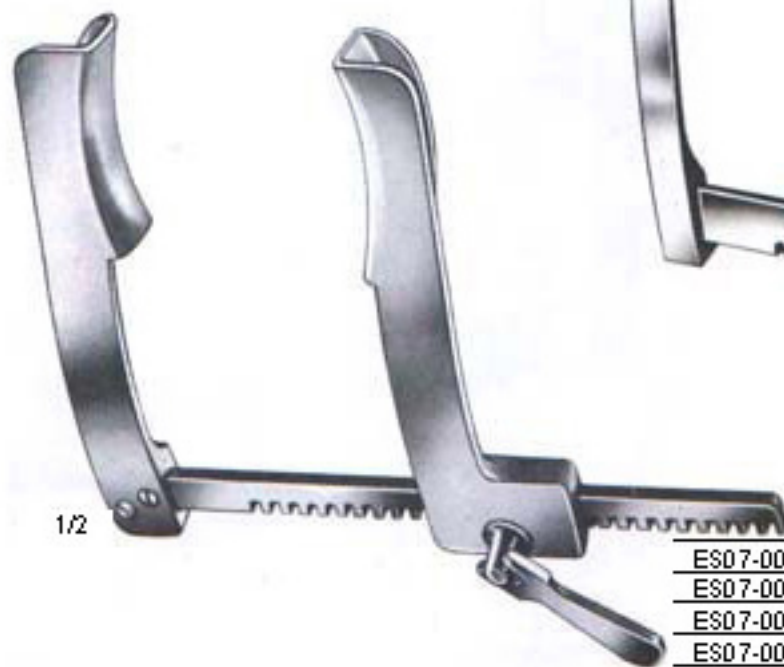
Castaneda

|             | A      | B    | C    |
|-------------|--------|------|------|
| ES07-001-65 | 10.5mm | 32mm | 65mm |



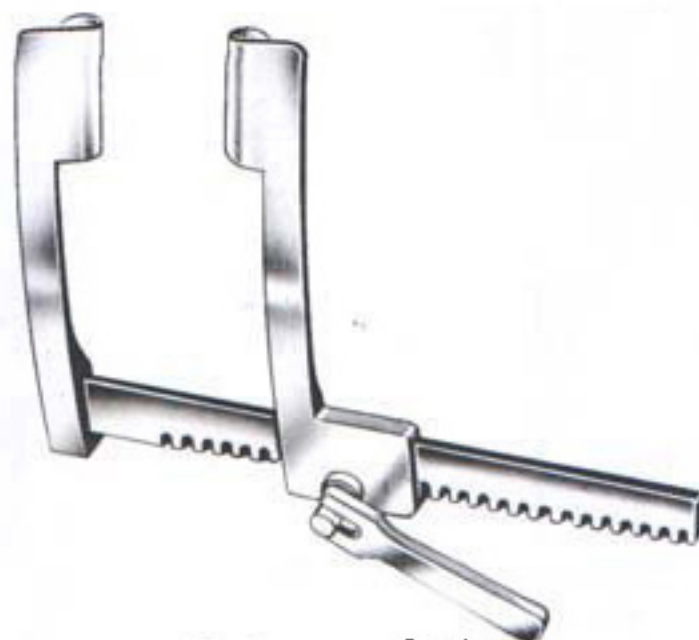
Castaneda

|             | A    | B    | C    |
|-------------|------|------|------|
| ES07-002-70 | 12mm | 45mm | 70mm |



Castaneda

|             | A    | B    | C     |
|-------------|------|------|-------|
| ES07-003-12 | 15mm | 60mm | 120mm |



Cooley

|              | A           | B           | C            |
|--------------|-------------|-------------|--------------|
| ES07-004-75  | 12mm/ 1/2"  | 17mm/ 5/8"  | 75mm/3"      |
| ES07-005-105 | 16mm/ 5/8"  | 30mm/ 1/8"  | 105mm/4 1/8" |
| ES07-006-150 | 21mm/ 7/8"  | 44mm/13/4"  | 150mm/6"     |
| ES07-007-200 | 37mm/1 1/2" | 49mm/1 7/8" | 200mm,8"     |



1/3

Tuffier

|             | A    | B    | C     |
|-------------|------|------|-------|
| ES07-008-16 | 50mm | 45mm | 165mm |



1/3

Baby-Haight

|             | A    | B    | C    | D    |
|-------------|------|------|------|------|
| ES07-009-90 | 30mm | 30mm | 90mm | 90mm |



Finochietto-Infant  
Finochietto-Baby

|             | A   | B   | C     |
|-------------|-----|-----|-------|
| ES07-010-36 |     |     | 36mm  |
| ES07-011-25 |     |     | 75mm  |
| ES07-012-10 | 7mm | 7mm | 100mm |
| ES07-013-13 |     |     | 125mm |
| ES07-014-15 |     |     | 10mm  |



1/3

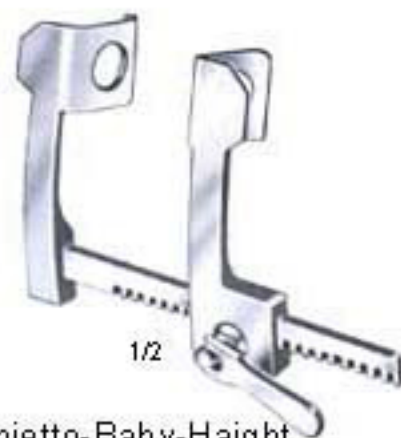
Finochietto

|              | A    | B    | C     |
|--------------|------|------|-------|
| ES07-015-150 | 38mm | 44mm | 150mm |
| ES07-016-175 | 52mm | 62mm | 175mm |
| ES07-017-017 | 65mm | 65mm | 175mm |



Rienhoff-Finocchio

| A            | B    | C     |
|--------------|------|-------|
| 21mm         | 26mm | 150mm |
| ES07-018-015 |      |       |



Finocchio-Baby-Haight

| A            | B           | C        |
|--------------|-------------|----------|
| 31mm/1 1/4"  | 31cm/1 1/4" | 100mm/4" |
| ES07-019-015 |             |          |



Balley

14.5cm/5 3/4"  
ES07-020-014



Balley

16cm/6 1/4"  
ES07-021-016



Balley-Gibbon

16cm/6 1/4"  
ES07-022-016



Lemmon

ES07-023-014 = 14cm/5 1/2"  
ES07-024-018 = 18cm/7"



1/3  
Williger  
24cm/9 1/2"



26mm  
ES06-001-26



28mm  
ES06-001-28



30mm  
ES06-001-30



1/3  
Doyen  
21cm/8 1/4"



25mm  
ES06-002-25



30mm  
ES06-002-30



35mm  
ES06-002-35



1/3  
Collin  
20cm/8"  
ES08-003-20

26mm



1/3  
Mead  
17cm/6 3/4"  
ES08-004-17



Fig. 1  
19mm

Fig. 2  
25mm

1/3  
Lucas

308-005-19 ES08-005-25  
19cm/7 1/2"

20mm



1/3

ES08-006-16  
16.5cm/6 1/2"

30mm



1/3

ES08-007-22  
22.5cm/9"



1/3

ES08-008-29  
29cm/11 1/2"



42mm

1/3

ES08-009-24  
24cm/9 1/2"





1/3

22cm/8 5/8"  
ES08-010-22



1/3

20cm/8"  
ES08-011-120



1/3

Virchow  
ES08-012-00



ES08-013-15 =15mm  
ES08-013-18 =18mm  
ES08-013-22 =22mm  
13.5cm/5 3/8"



1/3

Brunetti  
28cm/11"  
ES08-014-28



1/3

Brunetti  
28cm/11"  
ES08-015-28



1/1

Buckley  
16cm/6 1/4"



1/1  
2mm

ES06-016-02

2mm  
ES08-017-02



1/1  
3mm

ES08-016-03

3mm  
ES08-017-03



1/1  
4mm

ES08-016-04

4mm  
ES08-017-04



1/1



1/1



1/1



1/1





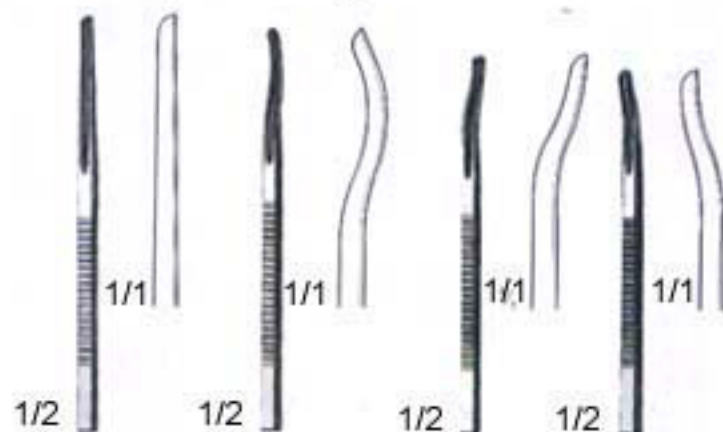
| mm | 13.5 cm / 5 1/4" | 13.5 cm / 5 1/4" | 13.5 cm / 5 1/4" |
|----|------------------|------------------|------------------|
| 8  | ES08-018-08      | ES08-019-08      | ES08-020-08      |
| 10 | ES08-018-10      | ES08-019-10      | ES08-020-10      |
| 12 | ES08-018-12      | ES08-019-12      | ES08-020-12      |
| 14 | ES08-018-14      | ES08-019-14      | ES08-020-14      |
| 16 | ES08-018-16      | ES08-019-16      | ES08-020-16      |



**Partsch**

**Partsch**

| 11.5 cm / 4 1/2" | 13.5 cm / 5 1/4" | width<br>mm | 11.5 cm / 4 1/2" | 13.5 cm / 5 1/4" |
|------------------|------------------|-------------|------------------|------------------|
| ES08-025-02      | ES08-026-02      | 2           | ES08-027-02      | ES08-028-02      |
| ES08-025-03      | ES08-026-03      | 3           | ES08-027-03      | ES08-028-03      |
| ES08-025-04      | ES08-026-04      | 4           | ES08-027-04      | ES08-028-04      |
| ES08-025-05      | ES08-026-05      | 5           | ES08-027-05      | ES08-028-05      |
| ES08-025-06      | ES08-026-06      | 6           | ES08-027-06      | ES08-028-06      |
| ES08-025-07      | ES08-026-07      | 7           | ES08-027-07      | ES08-028-07      |
| ES08-025-08      | ES08-026-08      | 8           | ES08-027-08      | ES08-028-08      |



**Buck-Gramcko**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ES08-021-00 | ES08-022-00 | ES08-023-00 | ES08-024-00 |
|-------------|-------------|-------------|-------------|



**Alexander**

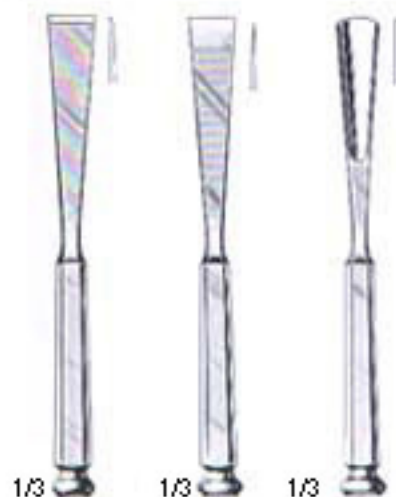
**Alexander**

| 18 cm / 7"  | width<br>mm | 18 cm / 7"  |
|-------------|-------------|-------------|
| ES08-029-04 | 4           | ES08-030-04 |
| ES08-029-06 | 6           | ES08-030-06 |
| ES08-029-08 | 8           | ES08-030-08 |
| ES08-029-10 | 10          | ES08-030-10 |
| ES08-029-12 | 12          | ES08-030-12 |
| ES08-029-14 | 14          | ES08-030-14 |

# Mallets, Curettes, Gouges

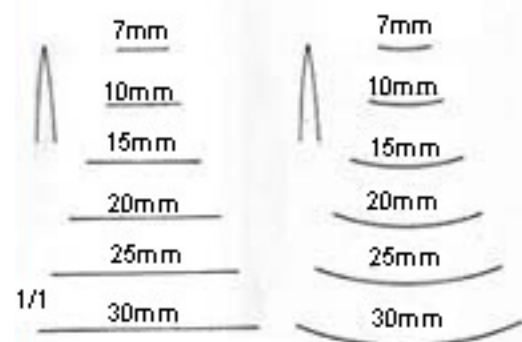
|                                        |                                          |                                                             |                                                             |
|----------------------------------------|------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| <p><b>Ballenger</b><br/>15 cm / 6"</p> | <p><b>Killian</b><br/>16 cm / 6 1/4"</p> | <p><b>Carroll (French Pattern)</b><br/>14.5 cm / 5 3/4"</p> | <p><b>Carroll (French Pattern)</b><br/>14.5 cm / 5 3/4"</p> |
|----------------------------------------|------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|

|                                                    |                                     |                                          |                                      |
|----------------------------------------------------|-------------------------------------|------------------------------------------|--------------------------------------|
| <p><b>Cottle</b><br/>15 cm / 6"<br/>18 cm / 7"</p> | <p><b>Cottle</b><br/>18 cm / 7"</p> | <p><b>Fomon</b><br/>14.5 cm / 5 3/4"</p> | <p><b>Sheehan</b><br/>15 cm / 6"</p> |
|----------------------------------------------------|-------------------------------------|------------------------------------------|--------------------------------------|



Stille

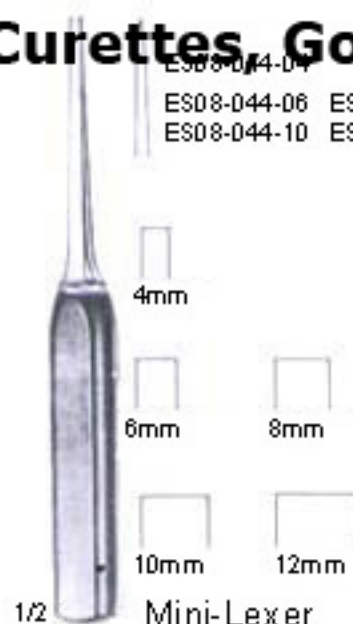
| width<br>mm | 20cm/8"     | 20cm/8"     | 20cm/8"     |
|-------------|-------------|-------------|-------------|
| 10          | ES08-041-10 | ES08-042-10 | ES08-043-10 |
| 15          | ES08-041-15 | ES08-042-15 | ES08-043-15 |
| 20          | ES08-041-20 | ES08-042-20 | ES08-043-20 |
| 15          | ES08-041-25 | ES08-042-25 | ES08-043-25 |



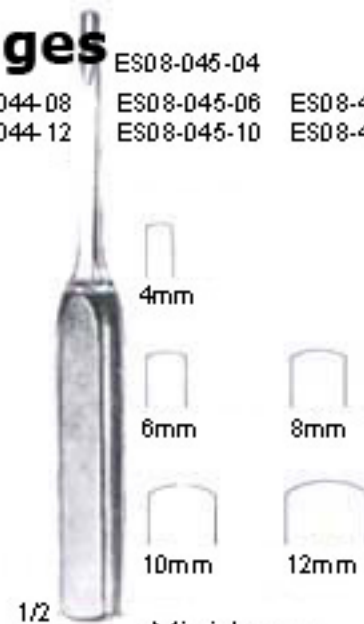
| width<br>mm | 22cm/8 3/4" | 22cm/8 1/4" |
|-------------|-------------|-------------|
| 7           | ES08-046-07 | ES08-047-07 |
| 10          | ES08-046-10 | ES08-047-10 |
| 15          | ES08-046-15 | ES08-047-15 |
| 20          | ES08-046-20 | ES08-047-20 |
| 25          | ES08-046-25 | ES08-047-25 |

Lexer

ES08-046-07 ES08-047-07  
ES08-046-30 ES08-047-30



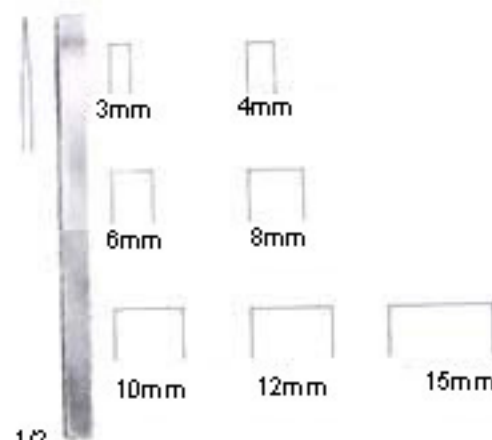
Mini-Lexer  
18cm/7"



Mini-Lexer  
18cm/7"



Mini-Lambotte  
12.5cm/5"

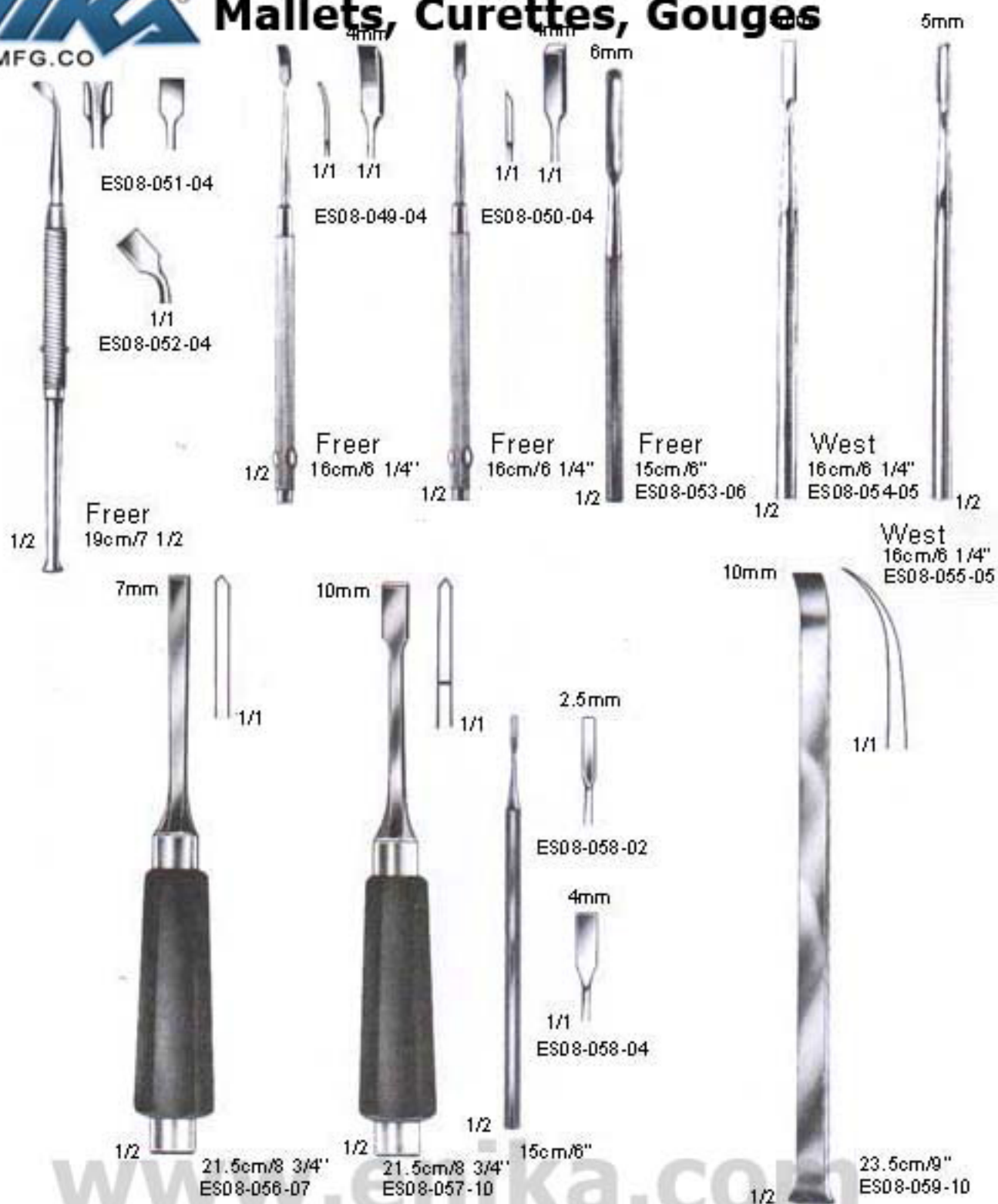


ES08-048-03 ES08-048-04

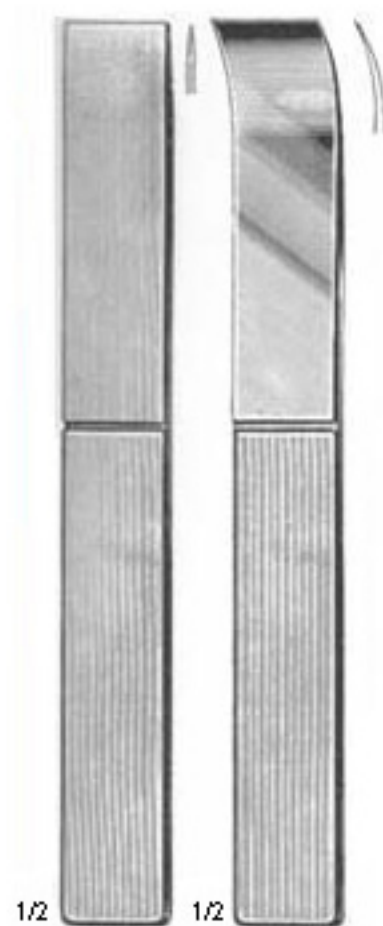
ES08-048-06 ES08-048-08

ES08-048-10 ES08-048-12 ES08-048-15

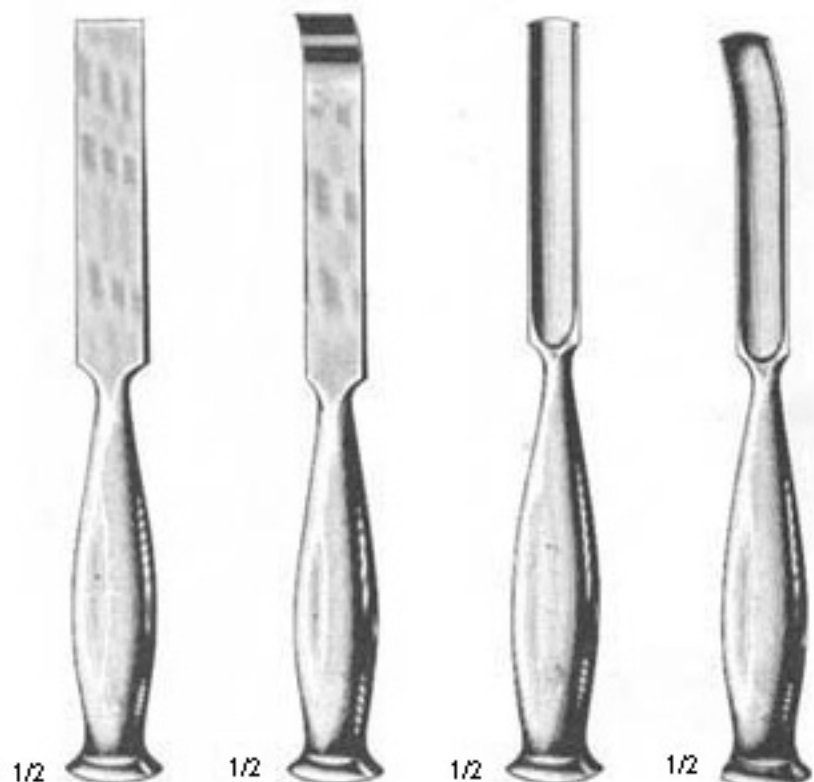
# Mallets, Curettes, Gouges







Lambotte



ES08-062-06  
ES08-062-32

ES08-063-06  
ES08-063-32

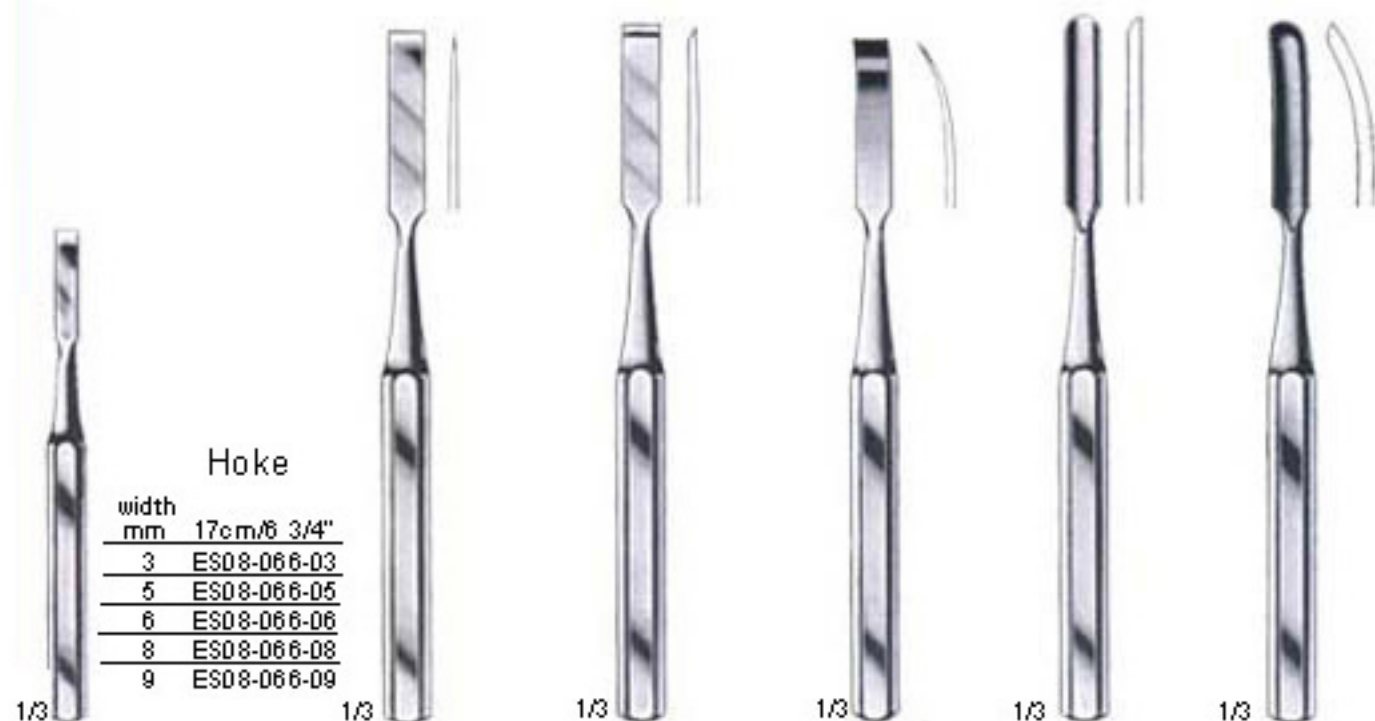
ES08-064-09  
ES08-064-25

ES08-065-09  
ES08-065-25

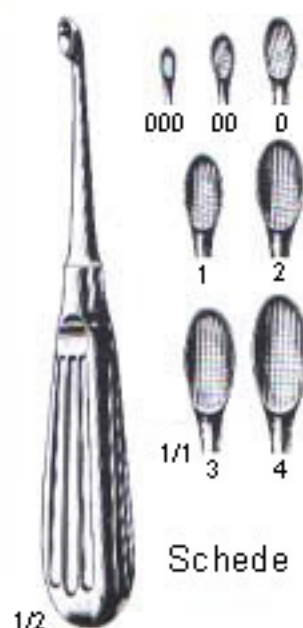
Smith Petersen

| width<br>mm | 24cm/9 1/2" | 23cm/9"     |
|-------------|-------------|-------------|
| 15          | ES08-060-15 | ES08-061-15 |
| 20          | ES08-060-20 | ES08-061-20 |
| 25          | ES08-060-25 | ES08-061-25 |
| 30          | ES08-060-30 | ES08-061-30 |
| 35          | ES08-060-35 | ES08-061-35 |
| 40          | ES08-060-40 | ES08-061-40 |
| 45          | ES08-060-45 | ES08-061-45 |
| 50          | ES08-060-50 | ES08-061-50 |

| width<br>mm | 20cm/8"     | 20cm/8"     | 20cm/8"     | 20cm/8"     |
|-------------|-------------|-------------|-------------|-------------|
| 6           | ES08-062-06 | ES08-063-06 |             |             |
| 9           | ES08-062-09 | ES08-063-09 | ES08-064-09 | ES08-065-09 |
| 13          | ES08-062-13 | ES08-063-13 |             |             |
| 14          | ES08-062-14 | ES08-063-14 | ES08-064-14 | ES08-065-14 |
| 16          | ES08-062-16 | ES08-063-16 | ES08-064-16 | ES08-065-16 |
| 19          | ES08-062-19 | ES08-063-19 | ES08-064-19 | ES08-065-19 |
| 25          | ES08-062-25 | ES08-063-25 | ES08-064-25 | ES08-065-25 |
| 32          | ES08-062-32 | ES08-063-32 | ES08-064-32 | ES08-065-32 |







| Schede      | Fig. | Volkman     |
|-------------|------|-------------|
|             | 0000 | ES08-073-40 |
| ES08-072-30 | 000  | ES08-073-30 |
| ES08-072-20 | 00   | ES08-073-20 |
| ES08-072-10 | 0    | ES08-073-10 |
| ES08-072-01 | 1    | ES08-073-01 |
| ES08-072-02 | 2    | ES08-073-02 |
| ES08-072-03 | 3    | ES08-073-03 |
| ES08-072-04 | 4    | ES08-073-04 |
|             | 5    | ES08-073-05 |
|             | 6    | ES08-073-06 |

Schede



Volkman



| Bruns       | Fig. | Spratt      |
|-------------|------|-------------|
|             | 000  | ES08-075-30 |
| ES08-074-30 | 00   | ES08-075-20 |
| ES08-074-20 | 0    | ES08-075-10 |
| ES08-074-10 | 1    | ES08-075-01 |
| ES08-074-01 | 2    | ES08-075-02 |
| ES08-074-02 | 3    | ES08-075-03 |
| ES08-074-03 | 4    | ES08-075-04 |
| ES08-074-04 | 5    | ES08-075-05 |
| ES08-074-05 | 6    | ES08-075-06 |

Bruns



Spratt



Helle  
21cm/8 1/4"



| Fig. | Straghit    | Right<br>Curves | Left<br>Curved |
|------|-------------|-----------------|----------------|
| 1    | ES08-077-01 | ES08-078-01     | ES08-079-01    |
| 2    | ES08-077-02 | ES08-078-02     | ES08-079-02    |
| 3    | ES08-077-03 | ES08-078-03     | ES08-079-03    |
| 4    | ES08-077-04 | ES08-078-04     | ES08-079-04    |
| 5    | ES08-077-05 | ES08-078-05     | ES08-079-05    |
| 6    | ES08-077-06 | ES08-078-06     | ES08-079-06    |



Williger  
17.5cm/7"

00  
0  
1  
2

05  
06  
07  
08



Brun's  
23cm/9"

ES08-081-30  
ES08-081-20  
ES08-081-10  
ES08-081-01  
ES08-081-02  
ES08-081-03  
ES08-081-04  
ES08-081-05  
ES08-081-06



ES08-082-25  
25cm/9 3/4"

1/1  
1/2  
1/1

1/1  
1/2

ES08-083-25  
25cm/9 3/4"

ES08-084-25  
25cm/9 3/4"

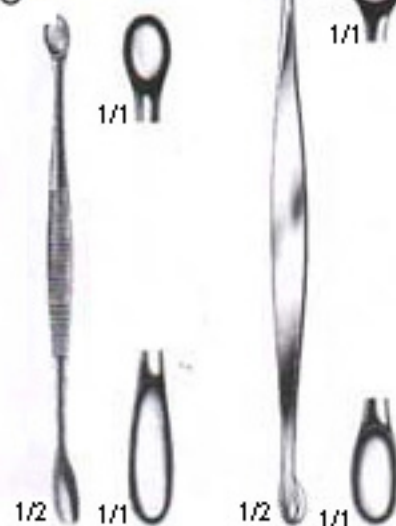


Simon  
24cm/9 1/2"

01  
02  
03  
04  
05  
06

| Fig. | Straight oval | Fig. | Straight oval |
|------|---------------|------|---------------|
| 00   | ES08-080-20   | 05   | ES08-080-04   |
| 0    | ES08-080-10   | 05   | ES08-080-05   |
| 1    | ES08-080-01   | 07   | ES08-080-06   |
| 2    | ES08-080-02   | 08   | ES08-080-07   |

|             |
|-------------|
| ES08-085-01 |
| ES08-085-02 |
| ES08-085-03 |
| ES08-085-04 |
| ES08-085-05 |
| ES08-085-06 |



Volkmann



Volkmann

| cm | in    |             |             |
|----|-------|-------------|-------------|
| 13 | 5     | ES08-066-13 | ES08-087-13 |
| 14 | 5 1/2 | ES08-066-14 |             |
| 16 | 6 1/4 |             | ES08-087-16 |
| 17 | 6 1/4 | ES08-086-17 |             |
| 20 |       | ES08-086-20 | ES08-087-20 |



Wolff

14cm/5 1/2"



ES08-088-05  
ES08-088-03  
ES08-088-05

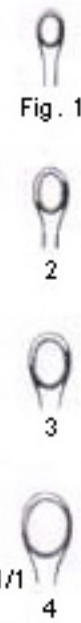


ES08-088-06  
ES08-088-04  
ES08-088-06



Fox

14cm/5 1/2"



ES08-089-01  
ES08-089-02  
ES08-089-03  
ES08-089-04



ES08-090-00  
ES08-090-01  
ES08-090-02

Willinger

13.5cm/5 1/4"



ES08-091-00  
ES08-091-01  
ES08-091-02

Martin

13.5cm/5 1/4"



21cm/8 1/4"

ES08-092-21



Jansen

16cm/6 1/4"

ES08-093-16



Jacobson

13cm/5 1/2"

ES08-094-13

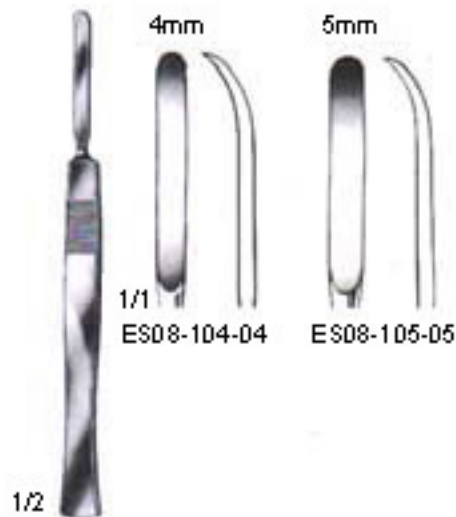


Jansen

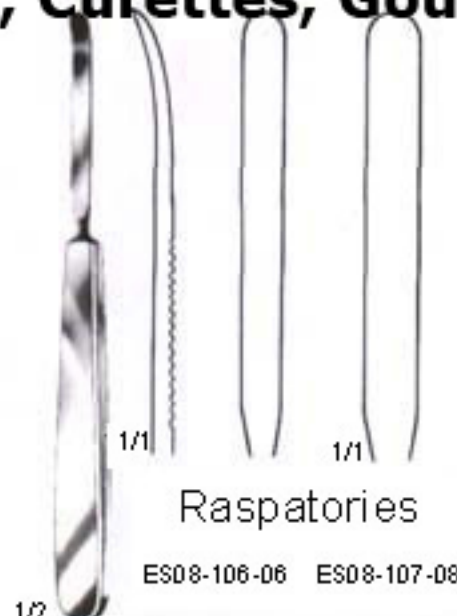
15cm/6"

ES08-095-15

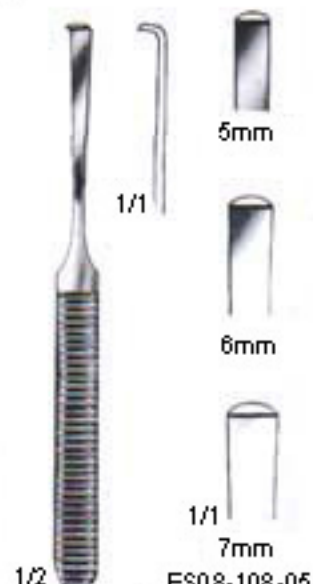
# Mallets, Curettes, Gouges



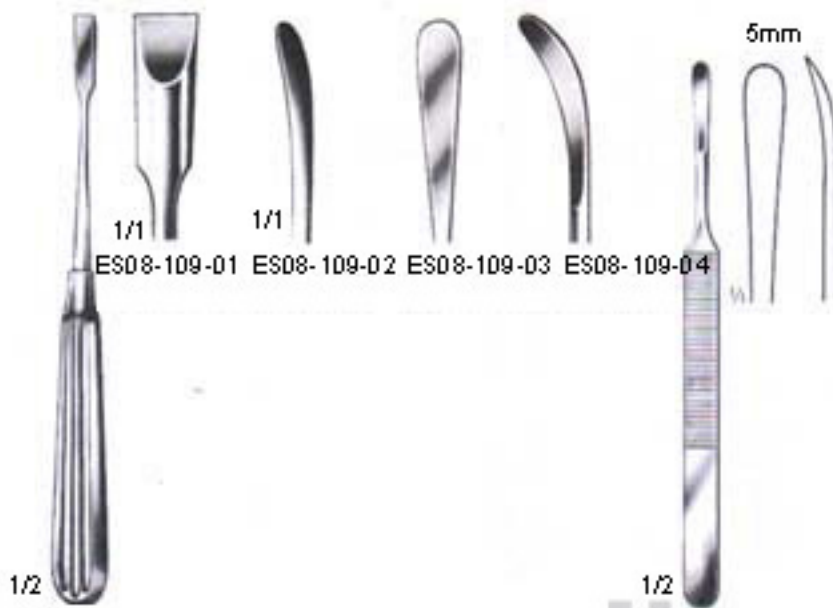
**McKenty**  
15cm/6"



17cm/6 3/4"



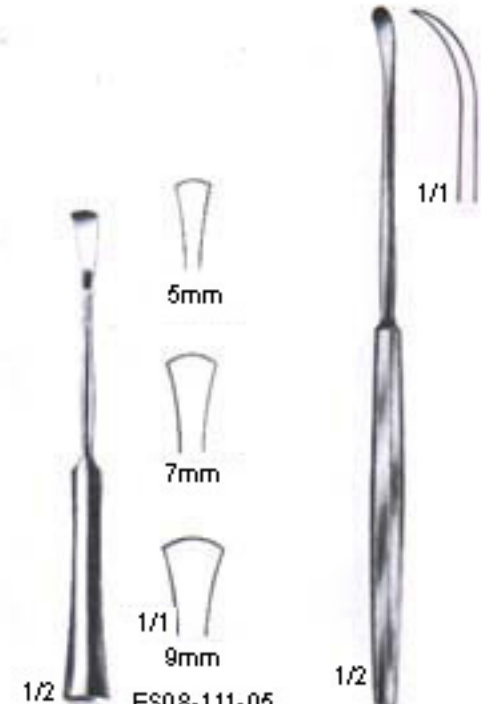
16cm/6 1/4"



**Adson**  
17cm/6 3/4"



**Koing**  
ES08-110-05



**Hylin**

**Sewall**  
ES08-112-20



# Mallets, Curettes, Gouges



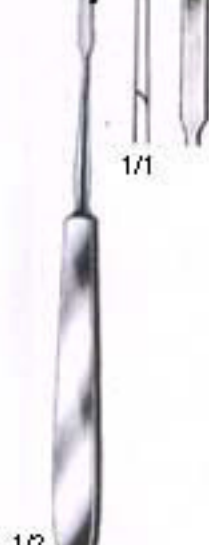
Williger  
13cm/5"  
ES08-113-05



Williger  
16cm/6 1/4"  
ES08-114-04



Williger  
16cm/6 1/4"  
ES08-115-06



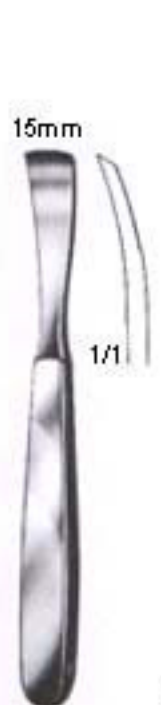
Fomon  
17cm/6 3/4"  
ES08-116-04



Joseph  
16cm/6 1/4"  
ES08-117-04  
15mm



Joseph  
16cm/6 1/4"  
ES08-118-04



Jansen  
16.5cm/6 1/2"  
ES08-119-15



Schneider  
17.5cm/7"  
ES08-120-13



Schneider-Sauerbruch  
19cm/7 1/2"  
ES08-121-13

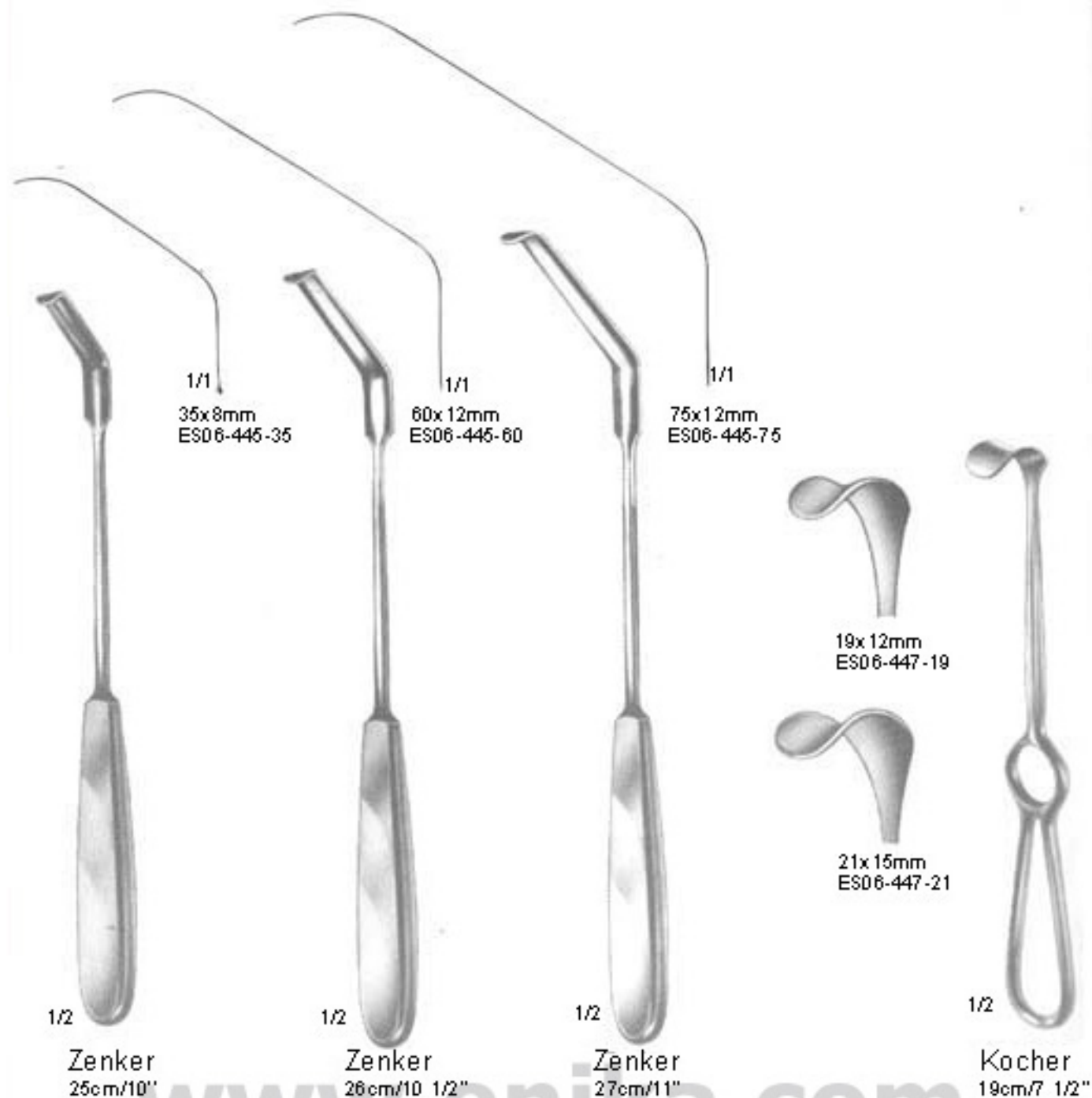


Sedillot  
18cm/7"  
ES08-122-18



Sedillot  
21cm/8 1/4"  
ES08-123-15

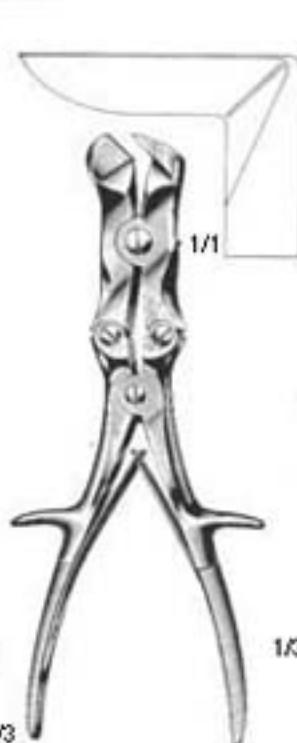




# Bone Cutting Forceps

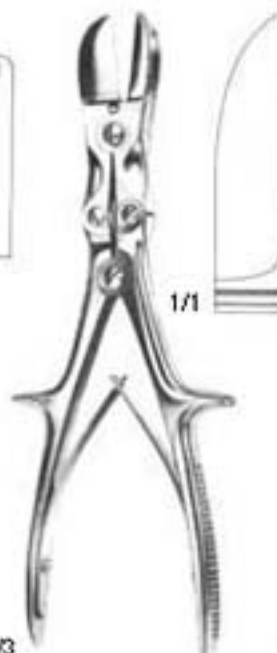
**Stille-Liston**  
27cm/10 1/2"  
ES09-001-27

1/3



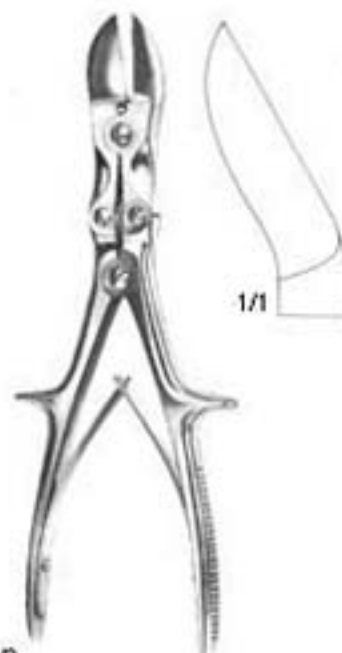
**Stille-Liston**  
27cm/10 1/2"  
ES09-002-27

1/3



**Stille-Liston**  
27cm/10 1/2"  
ES09-003-27

1/3



1/3

**Semb**  
ES09-004-24  
24cm/9 1/2"



1/3

**Liston-Key**  
ES09-005-27  
27cm/10 1/2"

# Bone Cutting Forceps



15cm/5 3/4"  
ES09-007-15



Cleveland  
16cm/6 1/4"



ES09-008-16



ES09-009-16



Ruskin-Liston  
18.5cm/7 1/4"  
ES09-010-18

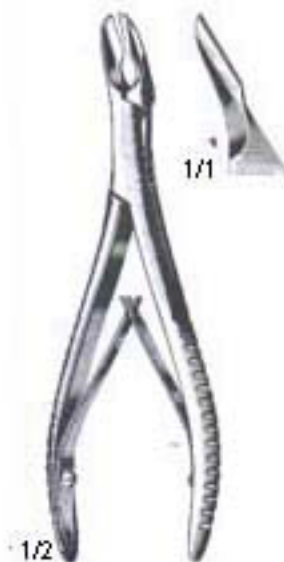


1/2



1/1

Ruskin-Liston  
18.5cm/7 1/4"  
ES09-011-18



Cleveland  
15cm/6"  
ES09-012-15



12cm/4 3/4"  
ES09-013-12



15cm/6"  
ES09-014-15



15cm/5 3/4"  
ES09-015-15



15cm/5 3/4"  
ES09-016-15

# Bone Cutting Forceps



**Bayer**  
18cm/7"  
ES09-051-18



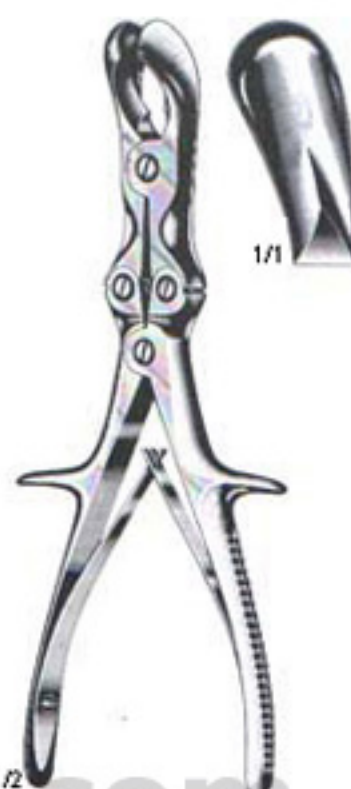
**Zaufal-Jansen**  
18cm/7"  
ES09-052-18



**Ruskin**  
18cm/7"  
ES09-053-18



**Ruskin**  
23cm/9"  
ES09-054-23



**Semb**  
23cm/9"  
ES09-055-23



**Stellbrink**  
17cm/6 3/4"



**Mini-Friedman**  
12cm/5"  
ES09-028-12



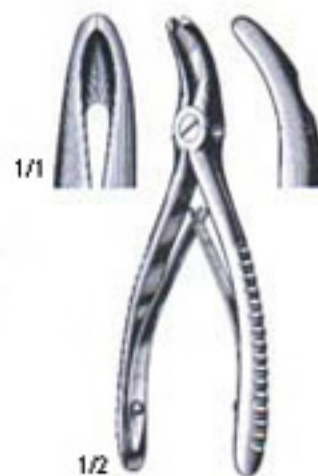
**Friedman**  
14cm/5 1/2"  
ES09-029-14



**Cleveland**  
14cm/5 1/2"  
ES09-030-14



**Cleveland**  
17cm/6 3/4"  
ES09-031-17



**Universal**  
13.5cm/5 1/4"  
ES09-032-13



**Mead**  
16.5cm/6 1/2"  
ES09-033-16



# Bone Cutting Forceps



1/2

**Mead**  
16.5cm/6 1/2"  
ES09-034-18



1/2

**Hartmann**  
18.5cm/7 1/4"  
ES09-035-18



1/2

**Jansen**  
18cm/7"  
ES09-036-18



ES09-037-18



ES09-038-18



1/2

**Lempert**  
19cm/7 1/2"  
ES09-039-19



1/2

**Blumenthal**  
15.5cm/6"  
ES09-040-15



1/2

**Blumenthal**  
15.5cm/6"  
ES09-041-15



# Bone Cutting Forceps



**Bayer**  
18cm/7"  
ES09-051-18



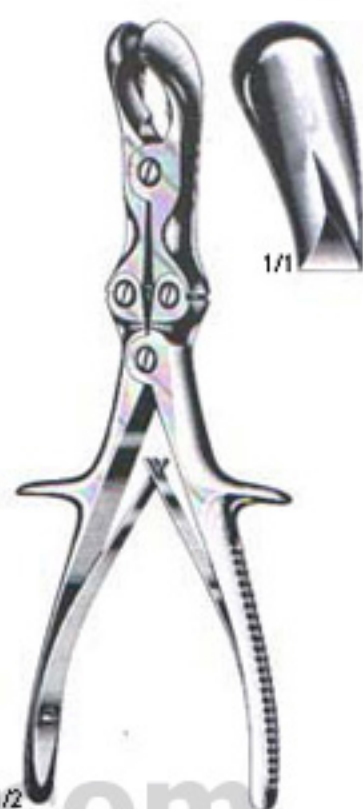
**Zaufal-Jansen**  
18cm/7"  
ES09-052-18



**Ruskin**  
18cm/7"  
ES09-053-18



**Ruskin**  
23cm/9"  
ES09-054-23



**Semb**  
23cm/9"  
ES09-055-23

# Bone Cutting Forceps



Stille-Ruskin  
23cm/9"  
ES09-057-23





**Gluck**  
22cm/8 3/4"  
ES09-062-22

1/2



**Stille**  
21cm/8 1/4"  
ES09-063-21

1/2



**Bethune**  
34cm/13 1/2"  
ES09-064-34

1/3



1/2

23cm/9"  
ES09-065-23



1/2

22cm/8 3/4"  
ES09-066-22



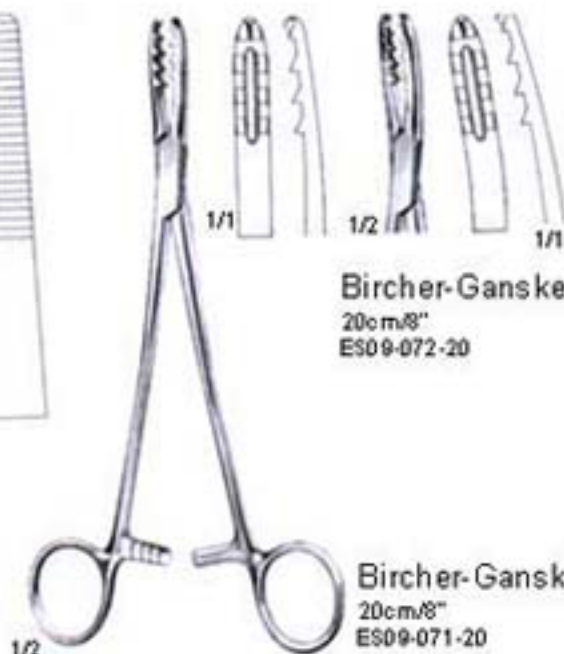
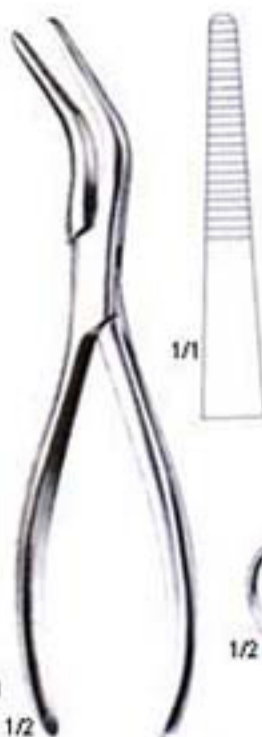
1/2

17cm/6 3/4"  
ES09-067-17

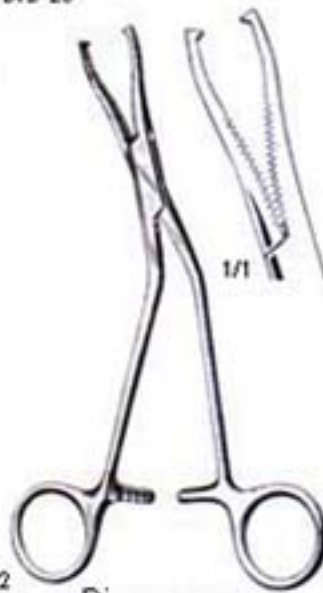
# Bone Cutting Forceps



1/2  
20cm/8"  
Van Buren  
23cm/9"  
ES09-070-23



13.5cm/5 1/4"  
ES09-073-13



Dingmann  
19cm/7 1/2"  
ES09-074-19

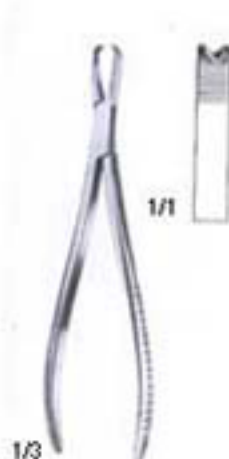


Martin  
19cm/7 1/2"  
ES09-075-19



Lebsche  
24cm/9 3/4"  
ES09-076-24



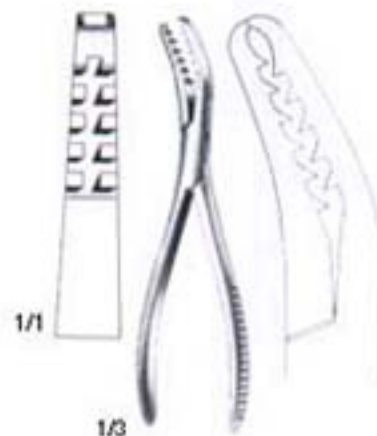


20cm/8"  
ES09-085-20



Kern

|             | With out ratchet | cm    | in. | with ratchet |
|-------------|------------------|-------|-----|--------------|
| ES09-086-17 | 17               | 6 3/4 |     | ES09-087-17  |
| ES09-086-21 | 21               | 8 1/4 |     | ES09-087-21  |



Semb  
19cm/7 1/2"  
ES09-088-19



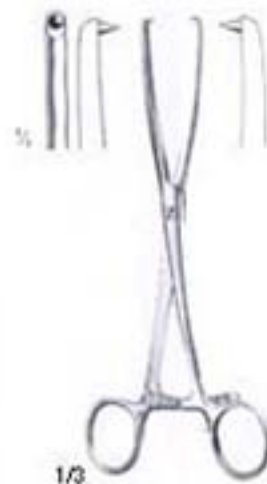
Farabeuf  
23cm/9" 26cm/10 1/4"  
ES09-089-23 ES09-089-26



Farabeuf-Lambotte  
26cm/10 1/4"  
ES09-090-26



Tuffier  
27cm/10 1/2"  
ES09-091-27



21cm/8 1/4"  
ES09-092-21



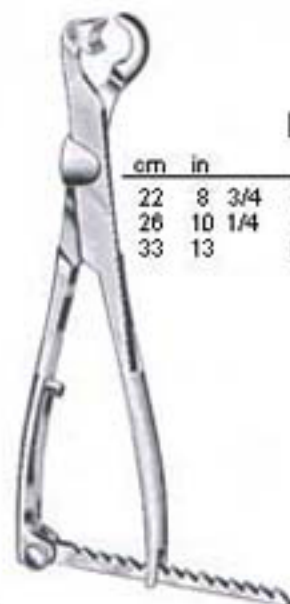
# Bone Cutting Forceps



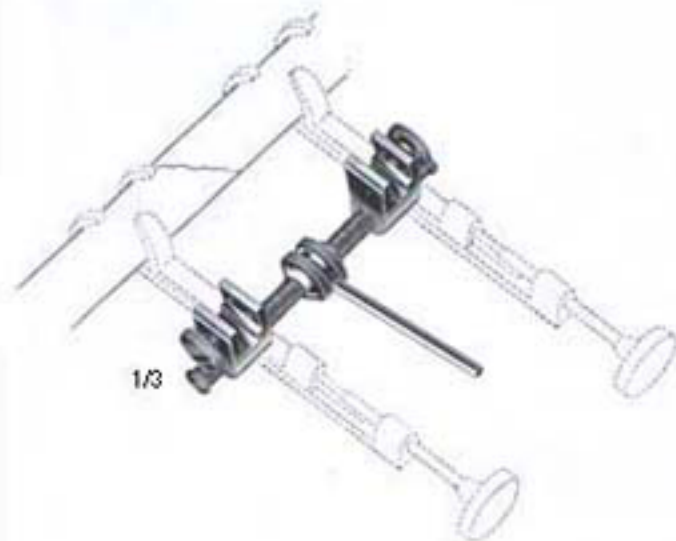
| cm | in     | Lambotte    |
|----|--------|-------------|
| 22 | 8 3/4  | ES09-093-22 |
| 27 | 10 1/2 | ES09-093-27 |
| 22 | 12     | ES09-093-30 |



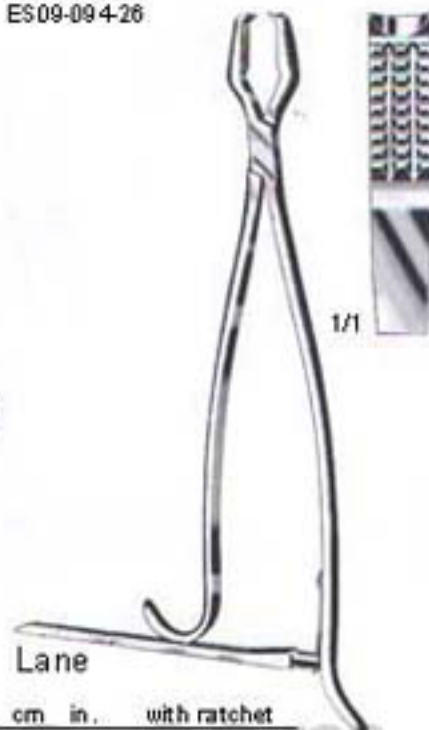
| cm | in     | Lambotte    |
|----|--------|-------------|
| 19 | 7 1/2  | ES09-094-19 |
| 23 | 9      | ES09-094-23 |
| 26 | 10 1/4 | ES09-094-26 |



| Lambotte |        |
|----------|--------|
| cm       | in     |
| 22       | 8 3/4  |
| 26       | 10 1/4 |
| 33       | 13     |



Gerster  
ES09-096-15



Lane

| Without ratchet | cm | in     | with ratchet |
|-----------------|----|--------|--------------|
| ES09-097-33     | 33 | 13     | ES09-098-33  |
| ES09-097-45     | 45 | 13 3/4 | ES09-098-45  |

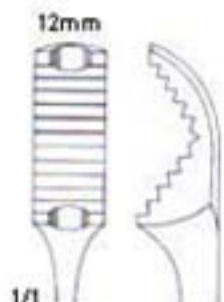
# Bone Cutting Forceps



**Verbrugge**  
25cm/10"  
ES09-099-25



**Verbrugge**  
26cm/10 1/2"  
ES09-099-26



**Verbrugge**  
27cm/11"  
ES09-099-27



**Verbrugge**  
17.5cm/6 3/4"  
ES09-101-17



**Percy**  
ES09-102-30



**Gerster-Lowman**

| cm | in    |             |
|----|-------|-------------|
| 18 | 7     | ES09-103-18 |
| 20 | 8     | ES09-103-20 |
| 22 | 8 3/4 | ES09-103-22 |

Parham

| mm | cm | in |             |
|----|----|----|-------------|
| 5  | 18 | 7  | ES09-105-18 |
| 5  | 20 | 8  | ES09-105-20 |
| 5  | 25 | 10 | ES09-105-25 |
| 5  | 30 | 12 | ES09-105-30 |

1/3

Parham  
22cm/8 3/4"  
ES09-106-22

1/1

1/1

Radolf  
13.5cm/5 3/4"  
ES09-107-13

1/2

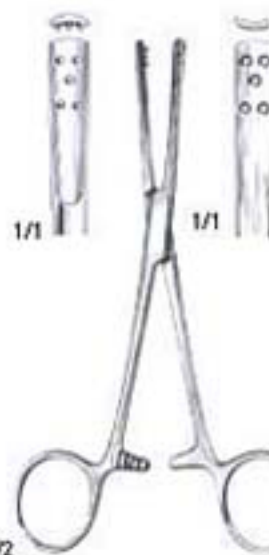


1/2

ES09-108-17  
13.5cm/5 3/4"



Smith  
ES09-109-19



1/2

ES09-110-16  
15.5cm/5 3/4"



1/2

ES09-111-17