

## BONE SURGERY



**Hemostats**

**Mallets**

**Bone Currettes**

**Periosteal Raspatories**

**Bone Files**

**Elevators**

**Bone Levers**

**Meniscotomy Knives**

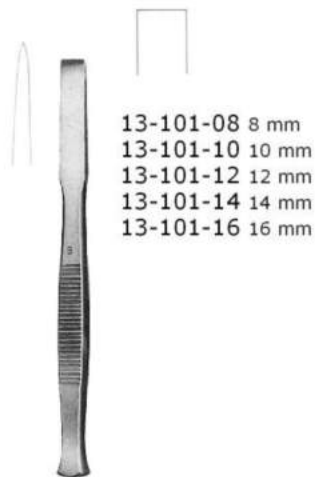
**Bone Holding Forceps**

**Bone Rongeur Forceps**

**Bone Cutting Forceps**

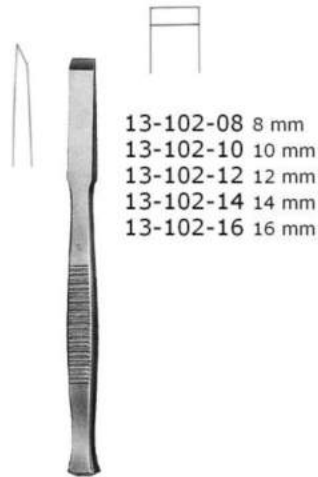
**Nail Instruments, Finger Ring Saws**

Bone Surgery - Knochenchirurgie  
Meißel und Osteotome  
Bone Chisels and Gouges



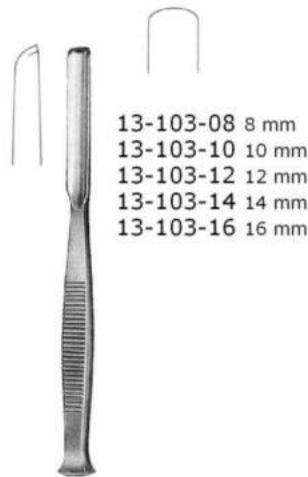
13-101-08 8 mm  
13-101-10 10 mm  
13-101-12 12 mm  
13-101-14 14 mm  
13-101-16 16 mm

13-101-08 - 13-101-16  
13.5 cm/ 5 1/4"



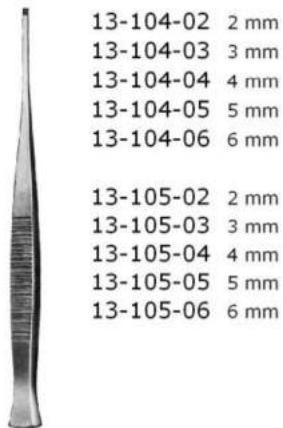
13-102-08 8 mm  
13-102-10 10 mm  
13-102-12 12 mm  
13-102-14 14 mm  
13-102-16 16 mm

13-102-08 - 13-102-16  
13.5 cm/ 5 1/4"



13-103-08 8 mm  
13-103-10 10 mm  
13-103-12 12 mm  
13-103-14 14 mm  
13-103-16 16 mm

13-103-08 - 13-103-16  
13.5 cm/ 5 1/4"

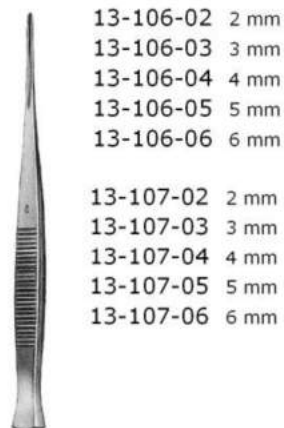


13-104-02 2 mm  
13-104-03 3 mm  
13-104-04 4 mm  
13-104-05 5 mm  
13-104-06 6 mm

13-105-02 2 mm  
13-105-03 3 mm  
13-105-04 4 mm  
13-105-05 5 mm  
13-105-06 6 mm

Partsch  
13-104-02 - 13-104-06  
13.5 cm/ 5 1/4"

13-105-02 - 13-105-06  
17 cm/ 6 3/4"

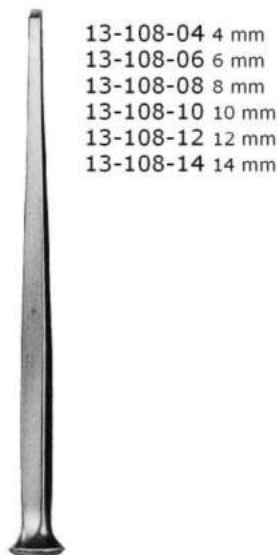


13-106-02 2 mm  
13-106-03 3 mm  
13-106-04 4 mm  
13-106-05 5 mm  
13-106-06 6 mm

13-107-02 2 mm  
13-107-03 3 mm  
13-107-04 4 mm  
13-107-05 5 mm  
13-107-06 6 mm

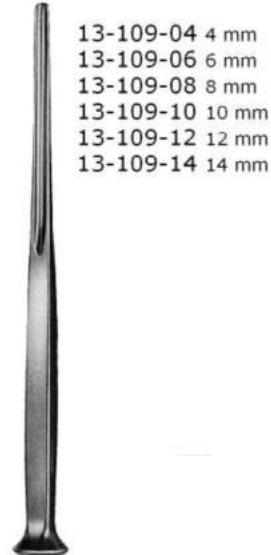
Partsch  
13-106-02 - 13-106-06  
13.5 cm/ 5 1/4"

13-107-02 - 13-107-06  
17 cm/ 6 3/4"



13-108-04 4 mm  
13-108-06 6 mm  
13-108-08 8 mm  
13-108-10 10 mm  
13-108-12 12 mm  
13-108-14 14 mm

Alexander  
13-108-04 - 13-108-14  
18 cm/ 7"



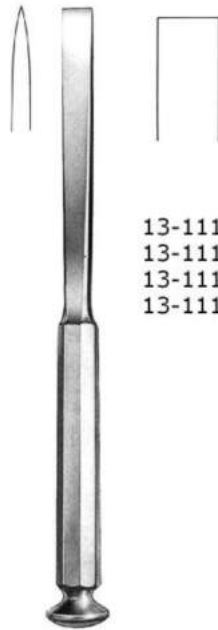
13-109-04 4 mm  
13-109-06 6 mm  
13-109-08 8 mm  
13-109-10 10 mm  
13-109-12 12 mm  
13-109-14 14 mm

Alexander  
13-109-04 - 13-109-14  
18 cm/ 7"

Bone Surgery - Knochenchirurgie  
 Meißel und Osteotome  
 Bone Chisels and Gouges



13-110-10 10 mm  
 13-110-15 15 mm  
 13-110-20 20 mm  
 13-110-25 25 mm



13-111-10 10 mm  
 13-111-15 15 mm  
 13-111-20 20 mm  
 13-111-25 25 mm



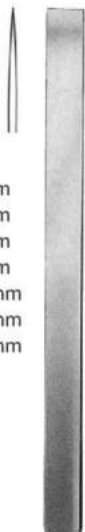
13-112-10 10 mm  
 13-112-15 15 mm  
 13-112-20 20 mm  
 13-112-25 25 mm

Stille  
 13-110-10 - 13-112-25  
 20 cm/ 8"



13-113-03 3 mm  
 13-113-04 4 mm  
 13-113-06 6 mm  
 13-113-08 8 mm  
 13-113-10 10 mm  
 13-113-12 12 mm  
 13-113-15 15 mm

Mini-Lambotte  
 13-113-03 - 13-113-15  
 13 cm/ 5"



13-114-03 3 mm  
 13-114-04 4 mm  
 13-114-06 6 mm  
 13-114-08 8 mm  
 13-114-10 10 mm  
 13-114-12 12 mm  
 13-114-15 15 mm

Mini-Lambotte  
 13-114-03 - 13-114-15  
 17 cm/ 6 1/2"



13-115-15  
 13-116-15 15 mm  
 13-115-20  
 13-116-20 20 mm  
 13-115-25  
 13-116-25 25 mm  
 13-115-30  
 13-116-30 30 mm  
 13-115-38  
 13-116-38 38 mm  
 13-115-44  
 13-116-44 44 mm  
 13-115-50  
 13-116-50 50 mm

Lambotte  
 13-115-15 13-115-50  
 24 cm/ 9 1/2"

Lambotte  
 13-116-15 - 13-116-50  
 23 cm/ 9"

Bone Surgery - Knochenchirurgie  
Meißel und Osteotome  
Bone Chisels and Gouges



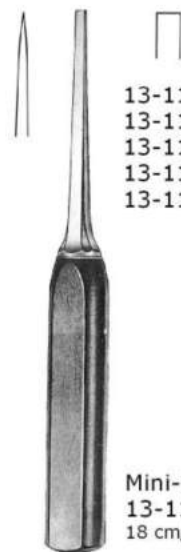
13-117-05 05 mm  
13-117-10 10 mm  
13-117-15 15 mm

Lexer  
13-117-05 - 13-117-15  
25 cm/ 10"



13-118-05 05 mm  
13-118-10 10 mm  
13-118-15 15 mm

Lexer  
13-118-05 - 13-118-15  
25 cm/ 10"



13-119-04 4 mm  
13-119-06 6 mm  
13-119-08 8 mm  
13-119-10 10 mm  
13-119-12 12 mm

Mini-Lexer  
13-119-04 - 13-119-12  
18 cm/ 7"



13-120-04 4 mm  
13-120-06 6 mm  
13-120-08 8 mm  
13-120-10 10 mm  
13-120-12 12 mm

Mini-Lexer  
13-120-04 - 13-120-12  
18 cm/ 7"



13-121-07 7 mm  
13-121-10 10 mm  
13-121-15 15 mm  
13-121-20 20 mm  
13-121-25 25 mm  
13-121-30 30 mm

Lexer  
13-121-07 - 13-121-30  
22 cm/ 8 1/4"



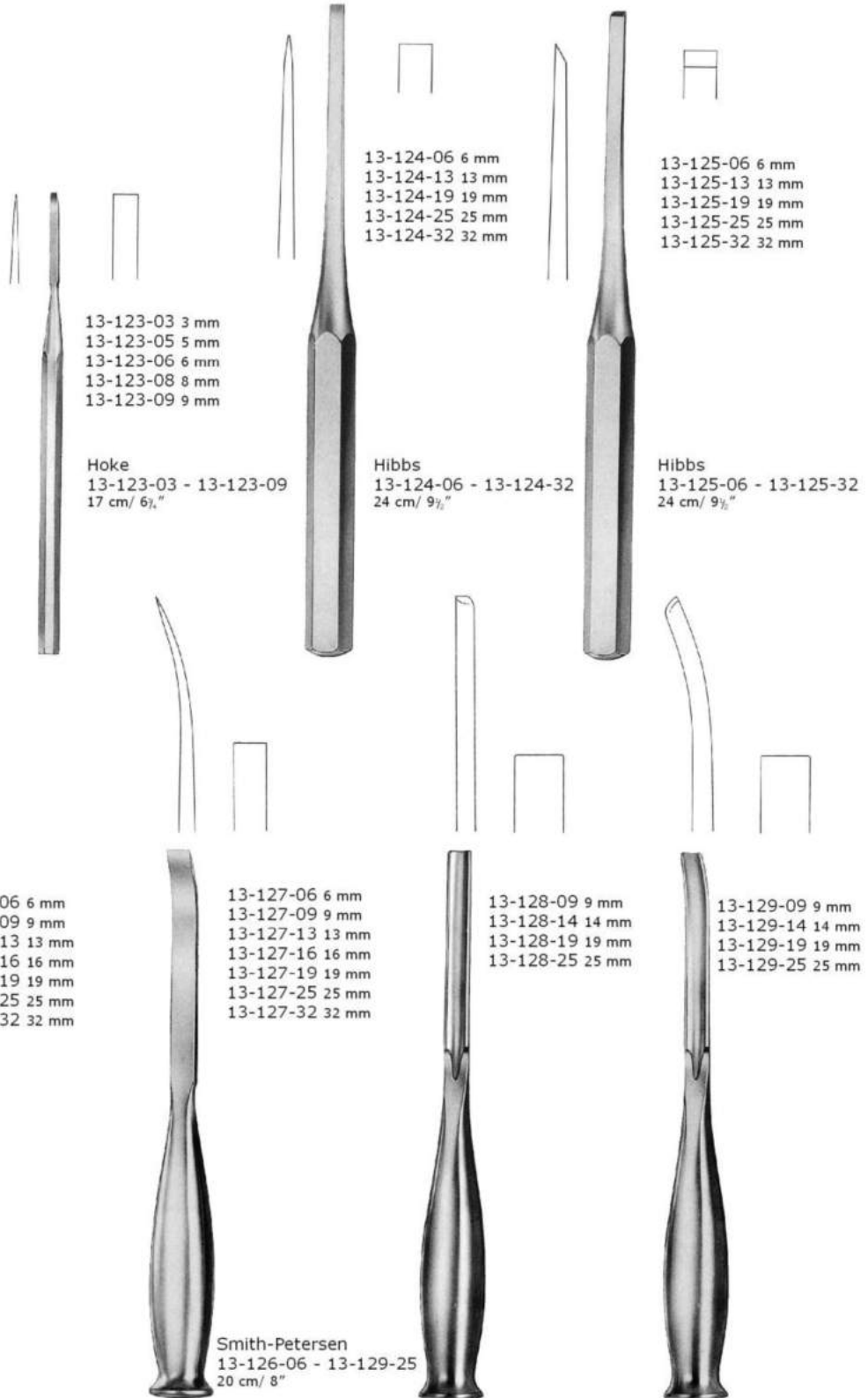
13-122-07 7 mm  
13-122-10 10 mm  
13-122-15 15 mm  
13-122-20 20 mm  
13-122-25 25 mm  
13-122-30 30 mm

Lexer  
13-122-07 - 13-122-30  
22 cm/ 8 1/4"

Handles from artificial wood



Bone Surgery - Knochenchirurgie  
Meißel und Osteotome  
Bone Chisels and Gouges



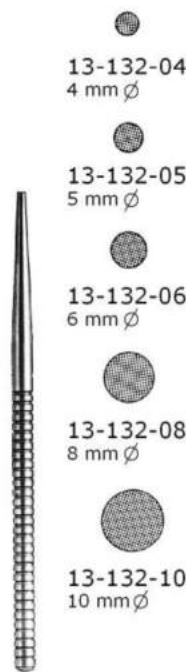
Bone Surgery - Knochenchirurgie  
 Stößel-Raspeln  
 Hemostats



Putti  
 13-130-30  
 30 cm / 12"



Putti  
 13-131-27  
 27 cm / 10½"



13-132-04  
 4 mm  $\varnothing$

13-132-05  
 5 mm  $\varnothing$

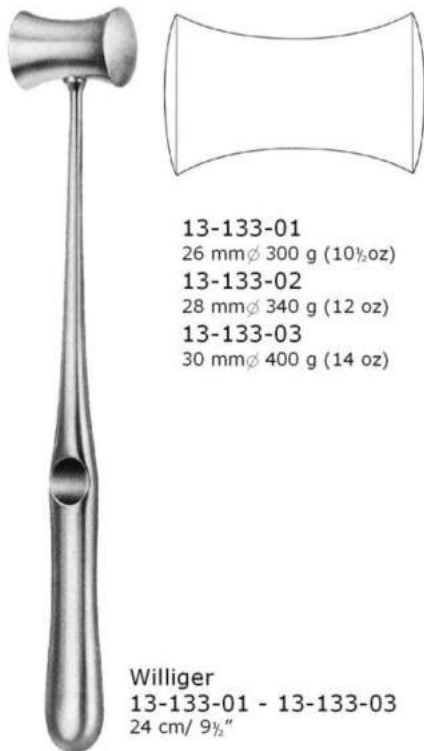
13-132-06  
 6 mm  $\varnothing$

13-132-08  
 8 mm  $\varnothing$

13-132-10  
 10 mm  $\varnothing$

13-132-04 - 13-132-10  
 15 cm / 6"

Bone Surgery - Knochenchirurgie  
Hämmer  
Mallets



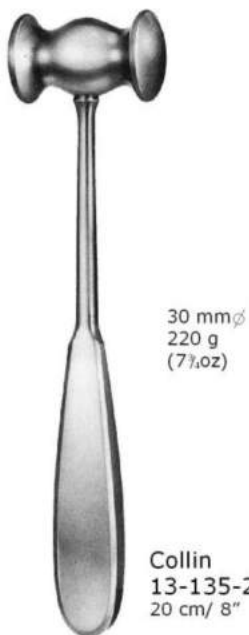
13-133-01  
26 mm  $\phi$  300 g (10 1/2 oz)  
13-133-02  
28 mm  $\phi$  340 g (12 oz)  
13-133-03  
30 mm  $\phi$  400 g (14 oz)

Williger  
13-133-01 - 13-133-03  
24 cm / 9 1/2"



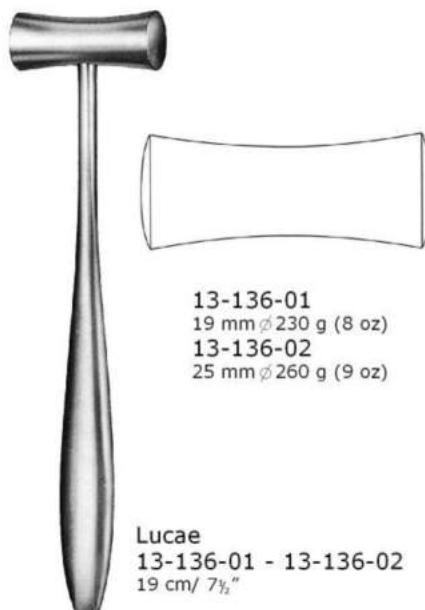
13-134-01  
25 mm  $\phi$  120 g (4 1/4 oz)  
13-134-02  
30 mm  $\phi$  180 g (6 1/2 oz)  
13-134-03  
35 mm  $\phi$  260 g (9 oz)

Doyen  
13-134-01 - 13-134-03  
21 cm / 8 1/4"



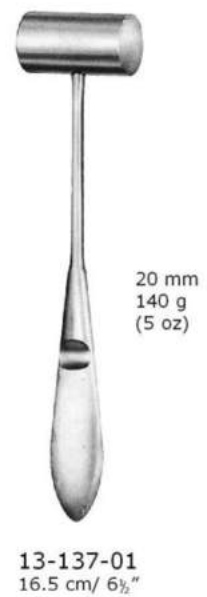
30 mm  $\phi$   
220 g  
(7 1/2 oz)

Collin  
13-135-20  
20 cm / 8"



13-136-01  
19 mm  $\phi$  230 g (8 oz)  
13-136-02  
25 mm  $\phi$  260 g (9 oz)

Lucae  
13-136-01 - 13-136-02  
19 cm / 7 1/2"



20 mm  
140 g  
(5 oz)

13-137-01  
16.5 cm / 6 1/2"

Bone Surgery - Knochenchirurgie  
Hämmer  
Mallets



22 mm  $\phi$   
200 g  
(7 oz)

Partsch  
13-138-18  
18 cm/ 7"



30 mm  $\phi$   
510 g (18 oz)

13-140-26  
26 cm/ 10½"



26 mm  $\phi$   
320 g (11 oz)

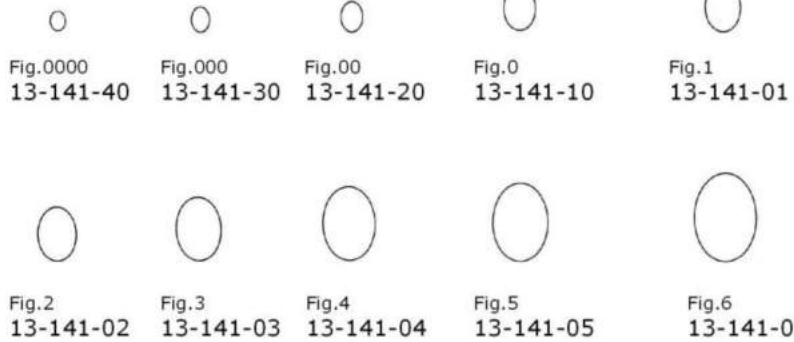
Mead  
13-139-17  
17 cm/ 6½"  
Solid with tuftol tips



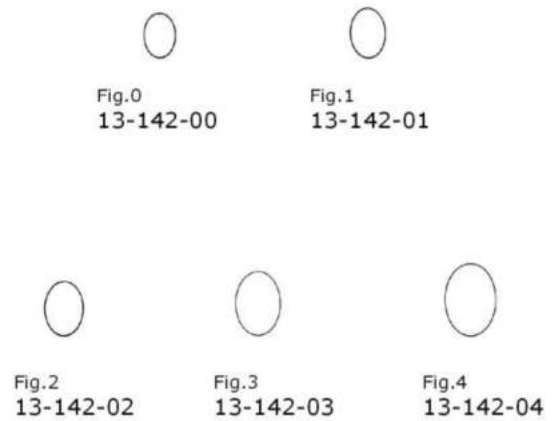
Bone Surgery - Knochenchirurgie  
Scharfe Löffel  
Bone Curettes



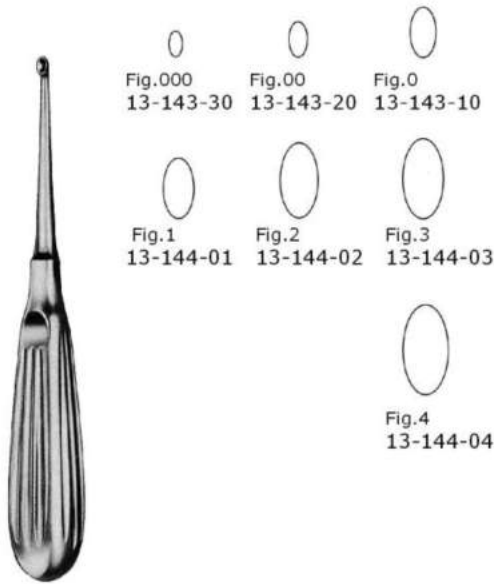
Volkman  
13-141-40 - 13-141-06  
Handle from artificial wood



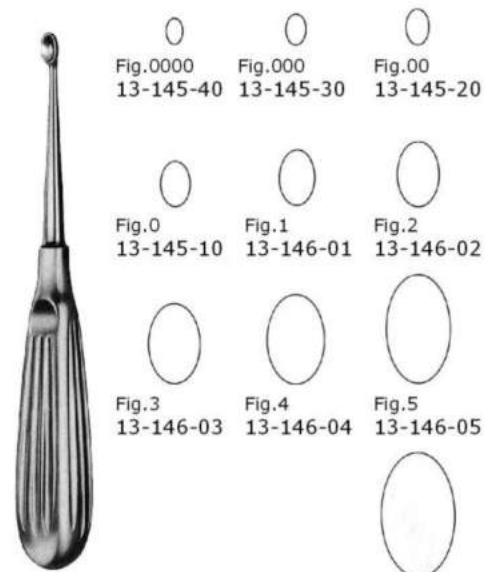
Volkman  
13-142-00 - 13-142-04  
Handle from artificial wood



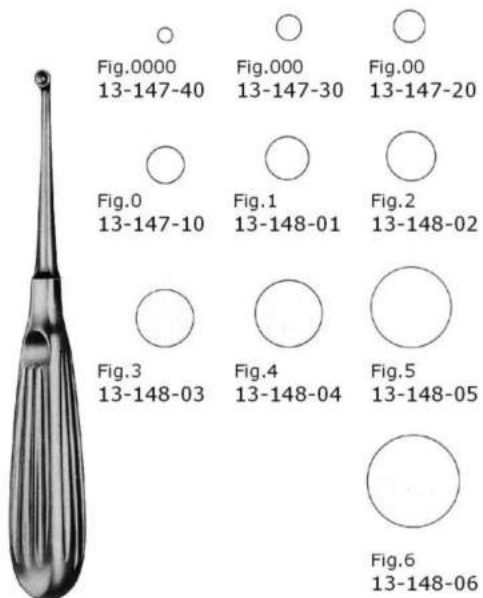
Bone Surgery - Knochenchirurgie  
Scharfe Löffel  
Bone Curettes



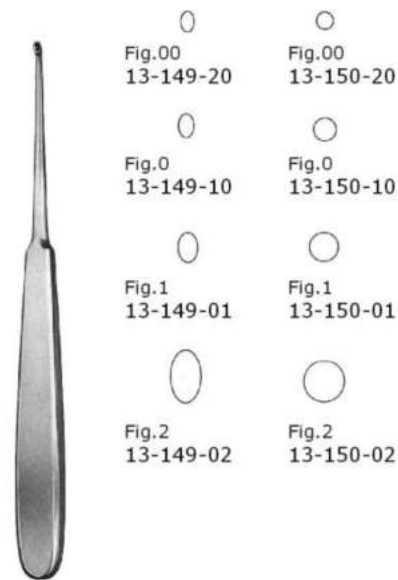
Schede  
13-143-30 - 13-144-04



Volkmann  
13-145-40 - 13-146-06



Bruns  
13-147-40 - 13-148-06



Williger  
13-149-20 - 13-150-02  
18 cm/ 7"

Bone Surgery - Knochenchirurgie  
Scharfe Löffel  
Bone Currettes



13-153-25



13-154-25



13-155-25

13-153-25 - 13-155-25  
25 cm/ 10"



- |           |           |           |
|-----------|-----------|-----------|
| 0         | 0         | 0         |
| Fig.0000  | Fig.000   | Fig.00    |
| 13-151-40 | 13-151-30 | 13-151-20 |
| 0         | 0         | 0         |
| Fig.0     | Fig.1     | Fig.2     |
| 13-151-10 | 13-152-01 | 13-152-02 |
| 0         | 0         | 0         |
| Fig.3     | Fig.4     | Fig.5     |
| 13-152-03 | 13-152-04 | 13-152-05 |

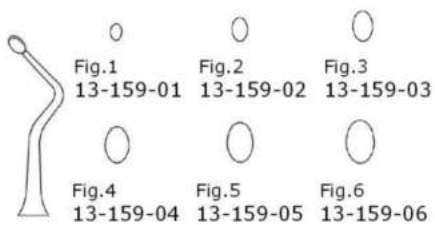
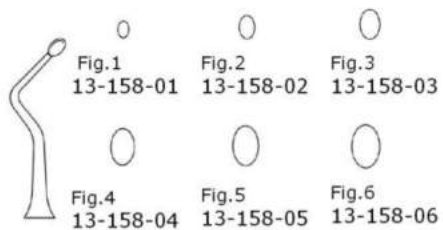
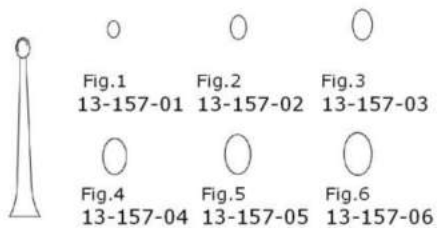
Spratt  
13-151-40 - 13-152-05



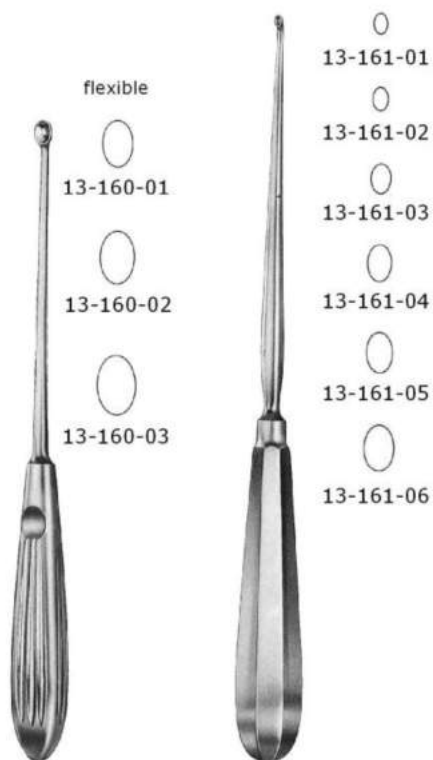
- |           |           |           |
|-----------|-----------|-----------|
| 0         | 0         | 0         |
| 13-156-30 | 13-156-20 | 13-156-10 |
| 0         | 0         | 0         |
| 13-156-01 | 13-156-02 | 13-156-03 |
| 0         | 0         | 0         |
| 13-156-04 | 13-156-05 | 13-156-06 |

Bruns  
13-156-30 - 13-156-06  
23 cm/ 9"

Bone Surgery - Knochenchirurgie  
Scharfe Löffel  
Bone Curettes



13-157-01 - 13-159-06  
16 cm/ 6 1/4"



Halle  
13-160-01 - 13-160-03  
21 cm/ 8 1/4"

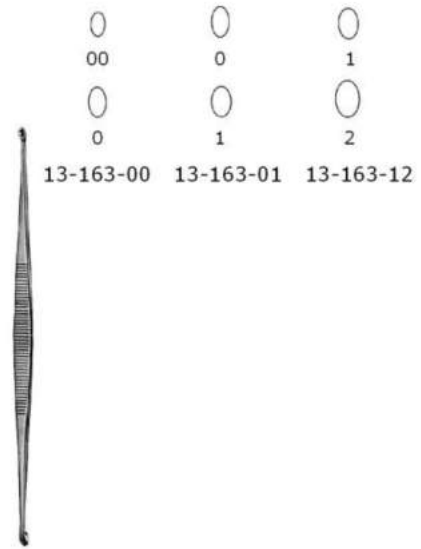
Simon  
13-161-01 - 13-161-06  
24 cm/ 9 1/2"



Bone Surgery - Knochenchirurgie  
Scharfe Löffel  
Bone Currettes

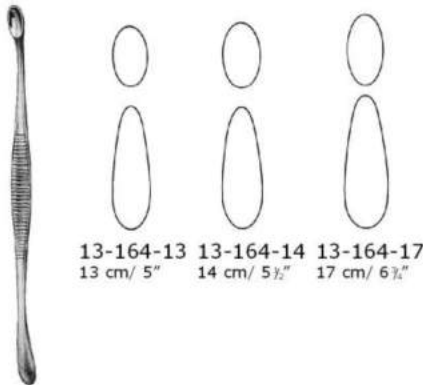


13-162-21  
21 cm / 8 1/4"



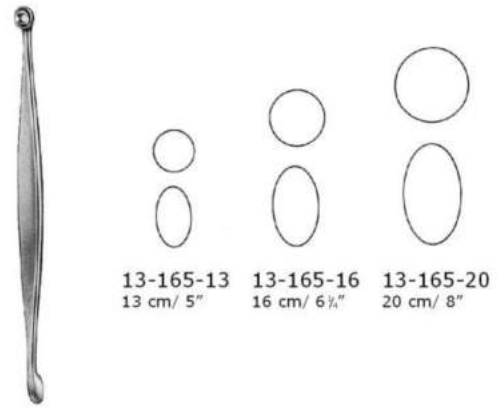
13-163-00 13-163-01 13-163-12

Williger  
13-163-00 - 13-163-12  
13.5 cm / 5 1/4"



13-164-13 13-164-14 13-164-17  
13 cm / 5" 14 cm / 5 1/2" 17 cm / 6 1/2"

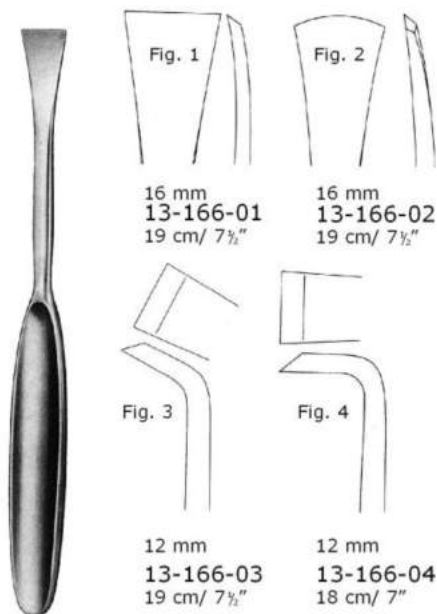
Volkman  
13-164-13 - 13-164-17



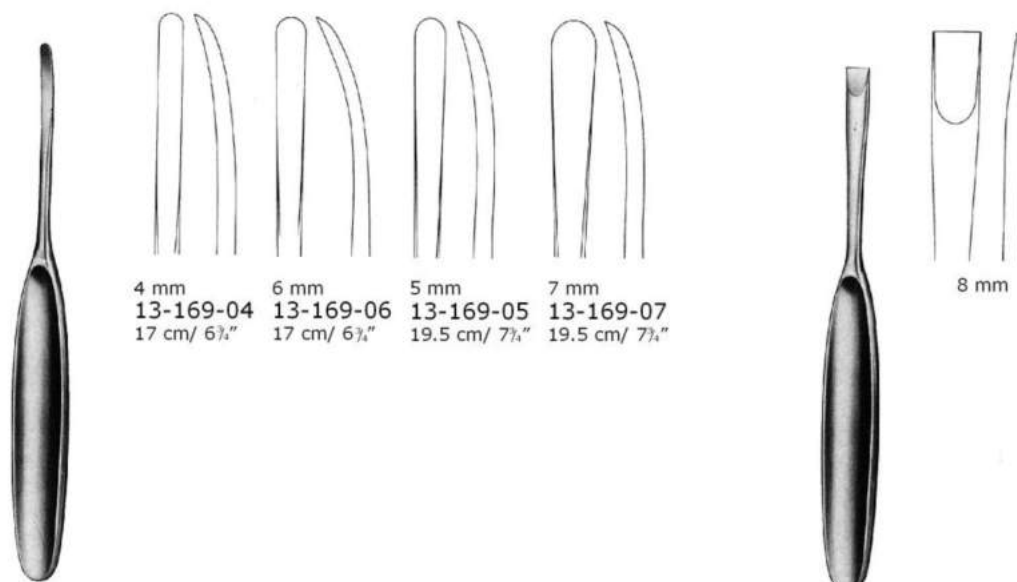
13-165-13 13-165-16 13-165-20  
13 cm / 5" 16 cm / 6 1/4" 20 cm / 8"

Volkman  
13-165-13 - 13-165-20

Bone Surgery - Knochenchirurgie  
Raspatorien  
Periosteal Raspatories



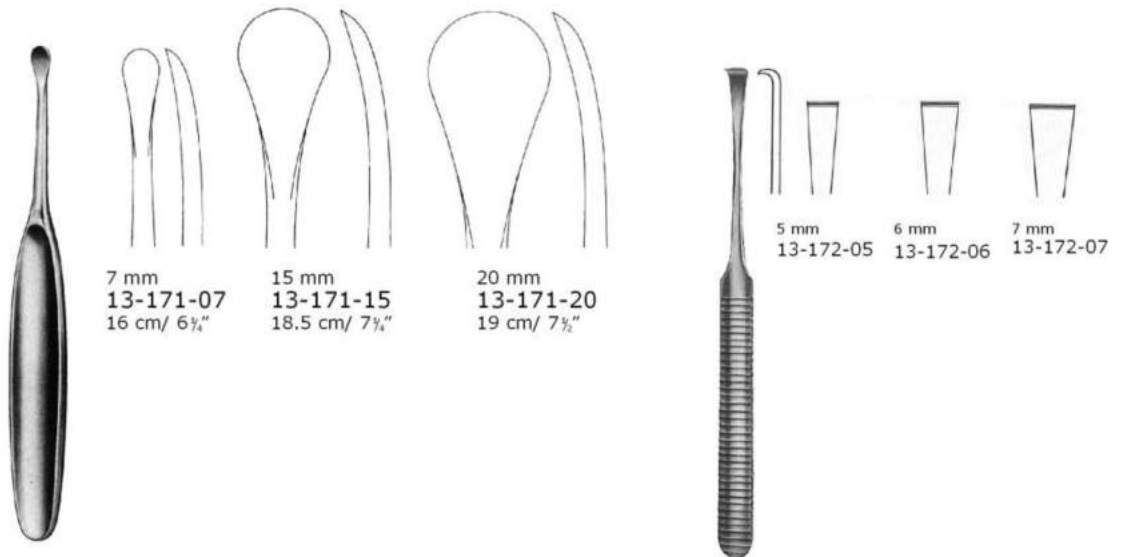
Langenbeck  
13-166-01 - 13-166-04



Cushing  
13-169-04 - 13-169-07

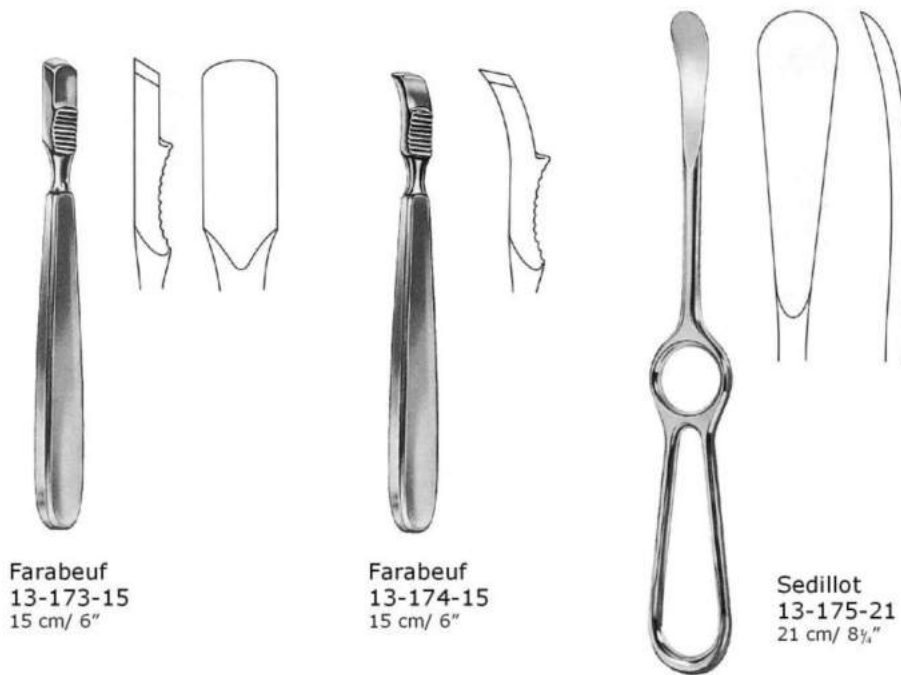
Cushing  
13-170-08  
17 cm / 6¾"

Bone Surgery - Knochenchirurgie  
 Raspatorien  
 Periosteal Raspatories



Hoen  
 13-171-07 - 13-171-20

13-172-05 - 13-172-07  
 16 cm/ 6 1/4"



Farabeuf  
 13-173-15  
 15 cm/ 6"

Farabeuf  
 13-174-15  
 15 cm/ 6"

Sedillot  
 13-175-21  
 21 cm/ 8 1/4"

Bone Surgery - Knochenchirurgie  
Raspatorien  
Periosteal Raspatories



13-176-01  
18.5 cm / 7 1/4"



13-176-02  
23 cm / 9"



13-176-03  
18.5 cm / 7 1/4"



13-176-04  
23 cm / 9"



13-176-05  
21.5 cm / 8 1/2"



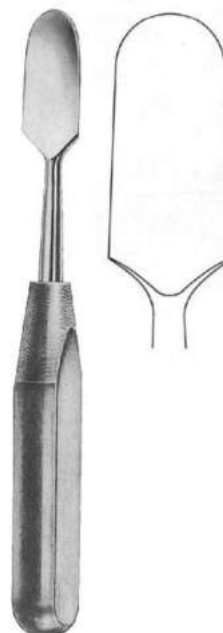
Semb  
13-176-01 - 13-176-05



13-177-20  
20 cm / 8"



13-178-20  
20 cm / 8"



13-179-20  
20 cm / 8"

Handle from artificial wood





Bone Surgery - Knochenchirurgie  
 Raspatorien  
 Periosteal Raspatories



13-180-18  
 18 cm/ 7"



13-181-18  
 18 cm/ 7"



13-182-18  
 18 cm/ 7"

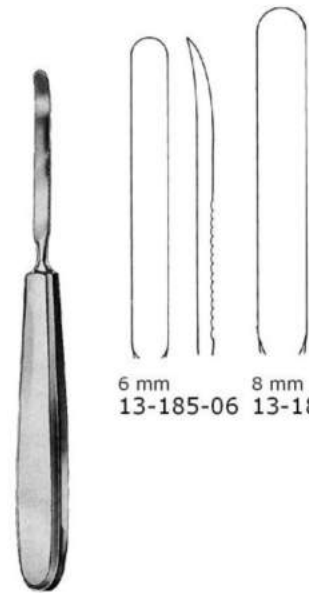
Handle from artificial wood



Williger  
 13-183-13  
 13 cm/ 5"



Williger  
 13-184-16  
 16 cm/ 6 1/4"



6 mm 8 mm  
 13-185-06 13-185-08

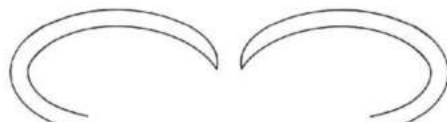
13-185-06 - 13-185-08  
 17 cm/ 6 3/4"



Bone Surgery - Knochenchirurgie  
 Raspatorien  
 Periosteal Raspatories



Doyen  
 13-186-17 - 13-189-17  
 17 cm/ 6 3/4"



13-186-17

13-187-17

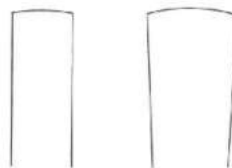


13-188-17

13-189-17

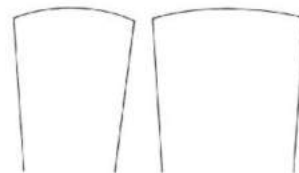


Lambotte  
 13-190-10 - 13-190-25  
 21 cm/ 8 1/4"



10 mm  
 13-190-10

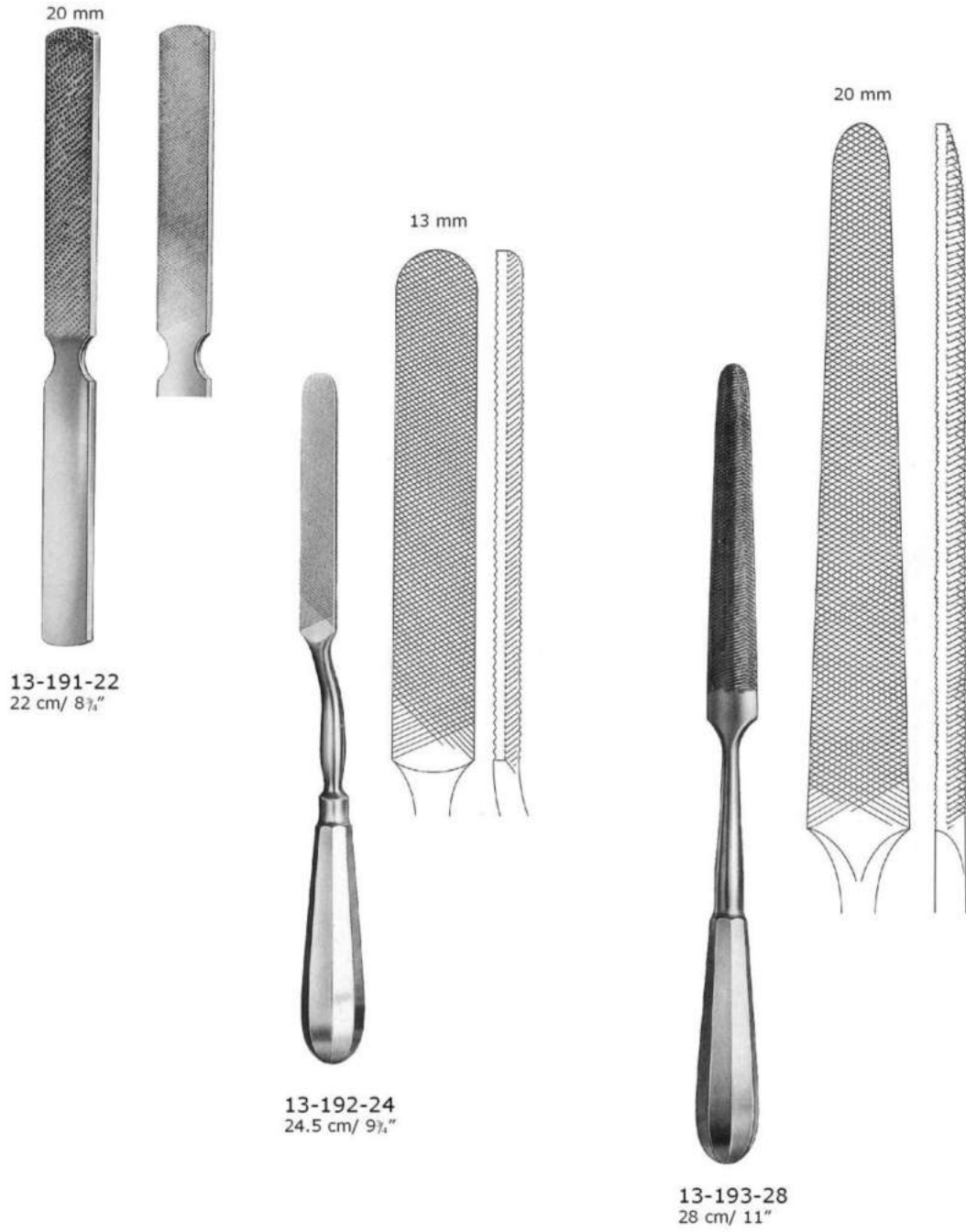
15 mm  
 13-190-15



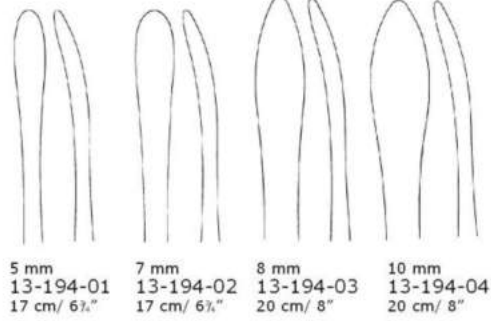
20 mm  
 13-190-20

25 mm  
 13-190-25

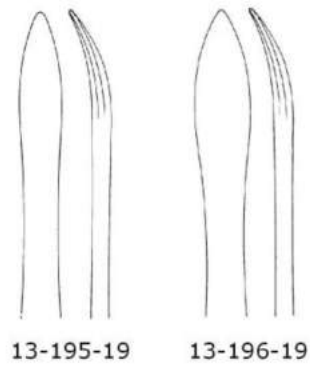
Bone Surgery - Knochenchirurgie  
knochenfeile  
Bone Files



Bone Surgery - Knochenchirurgie  
Elevatoren  
Elevators



Langenbeck  
13-194-01 - 13-194-04



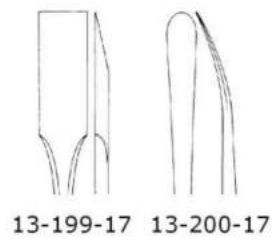
Langenbeck  
13-195-19 - 13-196-19  
19 cm/7 1/2"



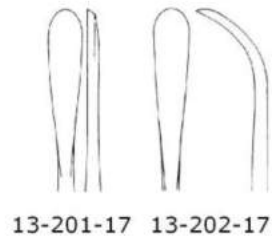
Williger  
13-197-17  
17 cm/ 6 1/4"



Williger  
13-198-16  
16 cm/ 6 1/4"



Adson  
13-199-17 - 13-202-17  
17 cm/ 6 1/4"





Bone Surgery - Knochenchirurgie  
Elevatoren  
Elevators



Vickers  
13-203-17  
17 cm/ 6 $\frac{3}{4}$ "



Vickers  
13-204-17  
17 cm/ 6 $\frac{3}{4}$ "



13-205-17  
17 cm/ 6 $\frac{3}{4}$ "



13-206-16  
16 cm/ 6 $\frac{3}{4}$ "



Alderdyce  
13-207-21  
21 cm/ 8 $\frac{1}{4}$ "



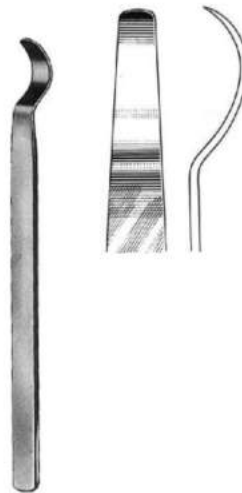
McDonald  
13-208-19  
19 cm/ 7 $\frac{1}{2}$ "



Bone Surgery - Knochenchirurgie  
Knochenheber  
Bone Levers



13-209-16  
16 mm



13-210-06  
14 cm/ 5½"



13-211-06



13-211-08



Mini-Hohmann  
13-211-06 - 13-211-08  
16 cm/ 6½"



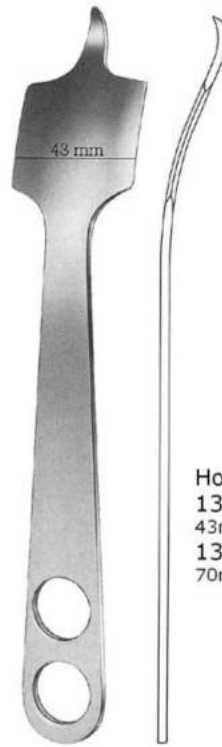
13-212-15  
15 mm



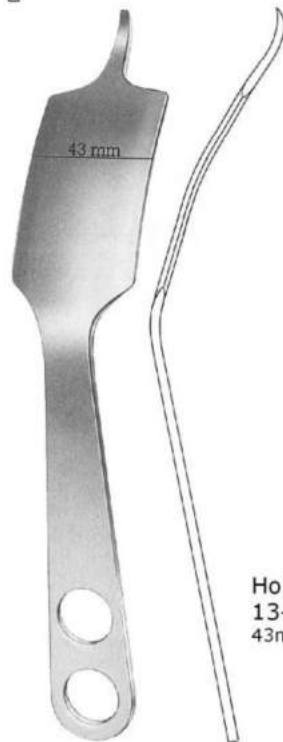
Bone Surgery - Knochenchirurgie  
Knochenheber  
Bone Levers



Hohmann  
13-213-08  
8mm  
13-213-18  
18mm



Hohmann  
13-214-43  
43mm  
13-214-70  
70mm



Hohmann  
13-215-43  
43mm



Hohmann  
13-216-35  
35mm  
13-216-24  
24mm

Bone Surgery - Knochenchirurgie  
Knochenheber  
Bone Levers



13-217-24 43mm  
13-218-24 60mm

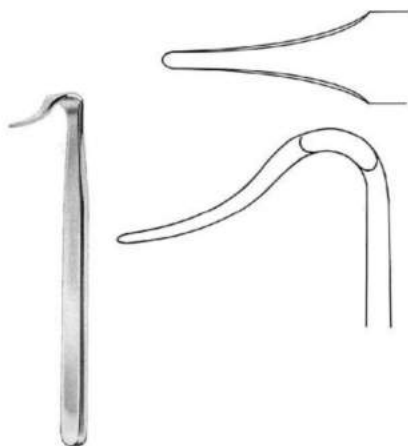
**Bennett**  
13-217-24 - 13-218-24  
24 cm/ 9½"



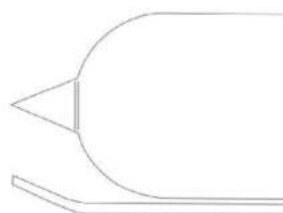
**Blount**  
13-219-26  
26 cm/ 10¼"



**Blount**  
13-220-26  
26 cm/ 10¼"



**Blount**  
13-221-18  
18 cm/ 7"



13-222-16 75x30mm  
13-223-16 100x30mm



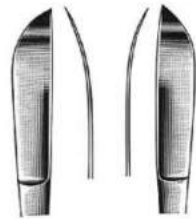
**Taylor**  
13-222-16 - 13-223-16  
16.5 cm/ 6½"



Bone Surgery - Knochenchirurgie  
Meniskotome  
Meniscotomy Knives



13-224-22 13-225-22



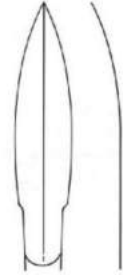
Salenius  
13-226-22  
22 cm/ 8 7/8"



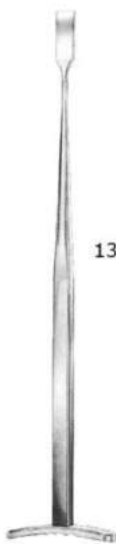
Salenius  
13-227-22  
22 cm/ 8 7/8"



13-228-18  
18 cm/ 7"



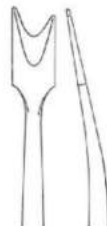
Neff  
13-224-22 - 13-225-22  
22 cm/ 8 7/8"



Smillie  
13-229-17 - 13-231-17  
17 cm/ 6 1/4"



13-229-17



13-230-17



13-231-17



Bircher  
13-232-19 - 13-233-19  
19 cm/ 7 1/2"

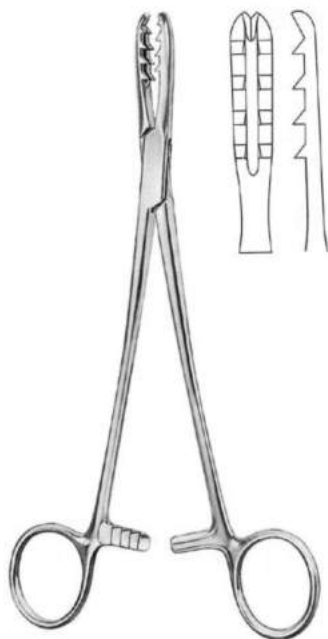


13-232-19

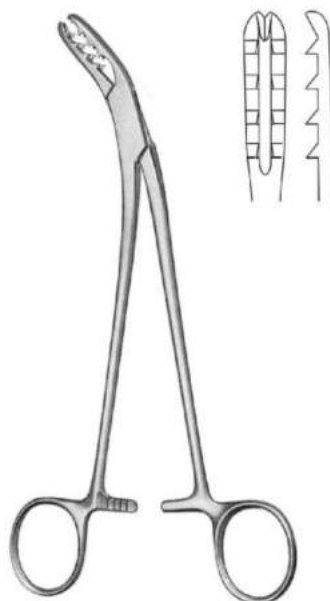


13-233-19

Bone Surgery - Knochenchirurgie  
Knochenhaltezangen  
Bone Holding Forceps



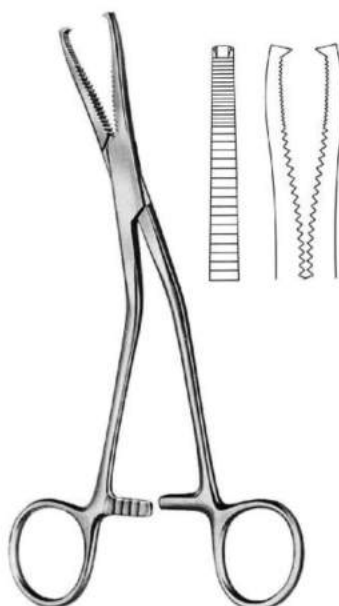
Bircher-Ganske  
13-234-20  
20 cm/ 8"



Bircher-Ganske  
13-235-20  
20 cm/ 8"



13-236-14  
14 cm/ 5½"



Dingmann  
13-237-19  
19 cm/ 7½"



Bone Surgery - Knochenchirurgie  
Knochenhalte­zangen  
Bone Holding Forceps



13-238-12  
12 cm/ 4 1/4"



13-239-14  
14 cm/ 5 1/2"



13-240-14  
14 cm/ 5 1/2"



13-241-16 16 cm/ 6 1/4"  
13-241-24 24 cm/ 9 1/2"



Lewin  
13-242-18  
18 cm/ 7"

13-241-16 - 13-241-24

228

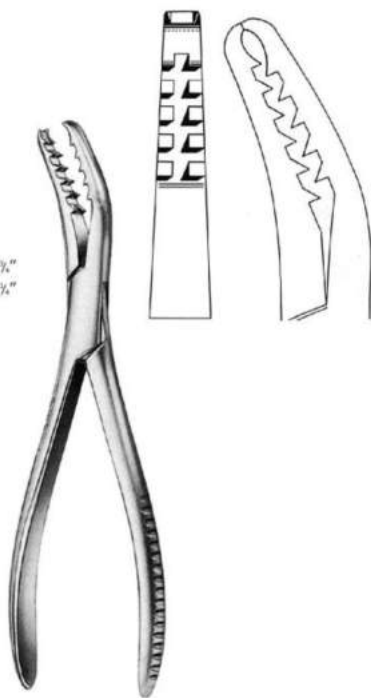


Bone Surgery - Knochenchirurgie  
Knochenhaltezangen  
Bone Holding Forceps



13-243-17 17 cm/ 6 3/4"  
13-243-21 21 cm/ 8 1/4"

Kern  
13-243-17 - 13-243-21



Semb  
13-244-19  
19 cm/ 7 1/2"



Langenbeck  
13-245-21  
21 cm/ 8 1/4"



Fergusson  
13-246-21  
21 cm/ 8 1/4"



Frosch  
13-247-18  
18 cm/ 7"



13-248-20  
20 cm/ 8"





Bone Surgery - Knochenchirurgie  
Knochenhaltezangen  
Bone Holding Forceps



Farabeuf  
13-249-23 23 cm/ 9"  
13-249-26 26cm/ 10½"



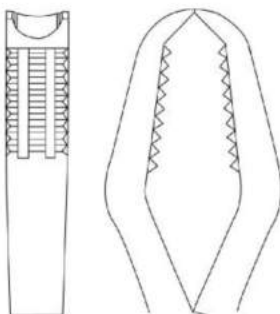
Lambotte  
13-250-22 22 cm/ 8½"  
13-250-27 27 cm/ 10½"  
13-250-30 30 cm/ 12"



Farabeuf-Lambotte  
13-251-26  
26 cm/ 10½"



Bone Surgery - Knochenchirurgie  
Knochenhaltezangen  
Bone Holding Forceps

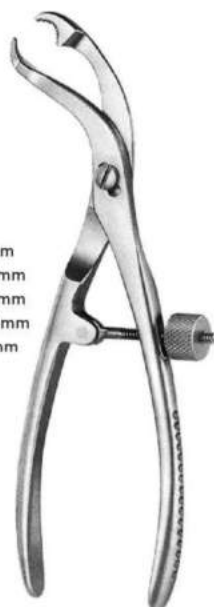


13-252-33 33 cm/ 13"  
without ratchet

13-253-33 33 cm/ 13"  
with ratchet



13-254-15 15 cm/ 6" 2.5mm  
13-254-19 19 cm/ 7 1/2" 6.5mm  
13-254-24 24 cm/ 9 1/2" 9.5mm  
13-254-26 26 cm/ 10 1/2" 10mm  
13-254-28 28 cm/ 11" 11mm



13-254-15 - 13-254-28  
Self-Centering forceps  
with thread fixation

Bone Surgery - Knochenchirurgie  
 Knochenhaltezangen, Retraktoren  
 Bone Holding Forceps, Retractors



13-255-01 25 cm/ 10" 9.5mm  
 13-255-02 26 cm/ 10 1/2" 10.5mm  
 13-255-03 27 cm/ 11" 12mm

Verbrugge  
 13-255-01 - 13-255-03



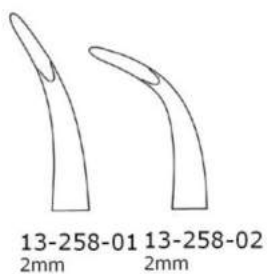
Verbrugge  
 13-256-01  
 17.5 cm/ 6 1/2"



Amputating Retractors

Percy  
 13-257-30

Bone Surgery - Knochenchirurgie  
Hohlmeißelzangen  
Bone Rongeur Forceps



Stellbrink  
13-258-01 - 13-258-02  
17 cm/ 6 3/4"



Hartmann  
13-259-18  
18.5 cm/ 7 1/2"



Friedman  
13-260-14  
14 cm/ 5 1/2"



Friedman-Vickers  
13-261-14  
14 cm/ 5 1/2"



Lempert  
13-262-19  
19 cm/ 7 1/2"



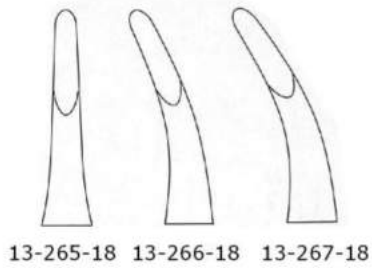
Cleveland  
13-263-17  
17 cm/ 6 3/4"



Mead  
13-264-16  
16.5 cm/ 6 1/2"

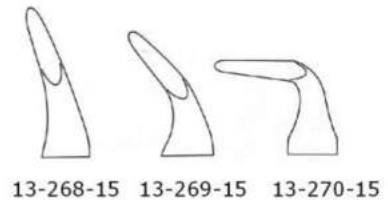


Bone Surgery - Knochenchirurgie  
Hohlmeißelzangen  
Bone Rongeur Forceps



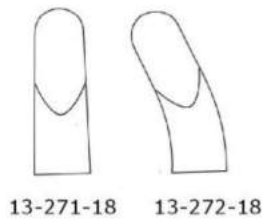
13-265-18 13-266-18 13-267-18

Jansen  
13-265-18 - 13-267-18  
18 cm/ 7"



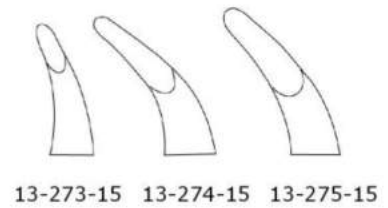
13-268-15 13-269-15 13-270-15

Blumenthal  
13-268-15 - 13-270-15  
15 cm/ 6"



13-271-18 13-272-18

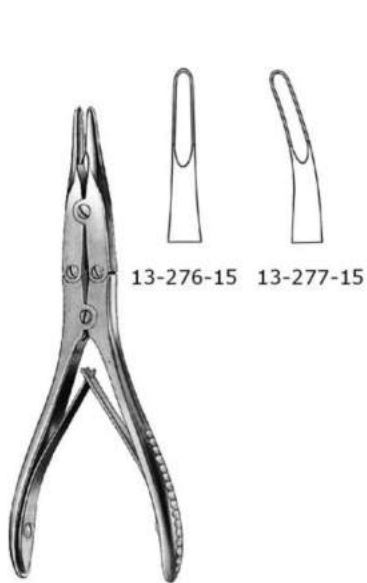
Luer  
13-271-18 - 13-272-18  
18 cm/ 7"



13-273-15 13-274-15 13-275-15

Luer  
13-273-15 - 13-275-15  
15 cm/ 6"

Bone Surgery - Knochenchirurgie  
Hohlmeißelzangen  
Bone Rongeur Forceps



**Bohler**  
13-276-15 - 13-277-15  
15 cm/ 6"



**Beyer**  
13-278-18  
18 cm/ 7"



**Zaufal-Jansen**  
13-279-18  
18 cm/ 7"



**Mayfield**  
13-280-17  
17 cm/ 6 1/2"



**Marquardt**  
13-281-20  
20 cm/ 8"



**Ruskin**  
13-282-18  
18 cm/ 7"  
13-282-23  
23 cm/ 9"



Bone Surgery - Knochenchirurgie  
Hohlmeißelzangen  
Bone Rongeur Forceps



Frykholm  
13-283-24  
24 cm/ 9 1/2"



Stille  
13-284-23  
23 cm/ 9"



13-285-02    13-285-03    13-285-04

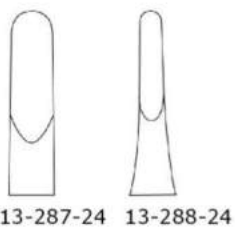
Echlin  
13-285-02 - 13-285-04  
23 cm/ 9"



Stille-Ruskin  
13-286-23  
23 cm/ 9"



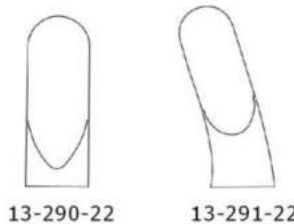
Bone Surgery - Knochenchirurgie  
Hohlmeißelzangen  
Bone Rongeur Forceps



Leksell-Stille  
13-287-24 - 13-288-24  
24 cm/ 9½"



Semb  
13-289-22  
22.5 cm/ 9"



Stille-Luer  
13-290-22 - 13-291-22  
22 cm/ 8¾"





**Markwalder**  
13-292-20  
20 cm/ 8"



**Cottle-Kazanjian**  
13-293-19  
19 cm/ 7½"



13-294-14 14 cm/ 5½"  
13-294-17 17 cm/ 6¾"  
13-294-19 19 cm/ 7½"  
13-294-22 22 cm/ 8¾"



13-295-14 14 cm/ 5½"  
13-295-17 17 cm/ 6¾"  
13-295-19 19 cm/ 7½"  
13-295-22 22 cm/ 8¾"



Bone Surgery - Knochenchirurgie  
 Knochensplitterzangen  
 Bone Cutting Forceps



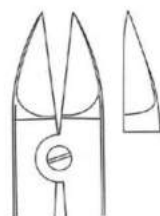
Cleveland  
 13-296-17  
 17 cm/ 6 7/8"



Cleveland  
 13-297-15  
 15 cm/ 6"



13-298-15



13-299-15



13-300-18 13-301-18

13-298-15 - 13-299-15  
 15 cm/ 6"

Ruskin-Liston  
 13-300-18 - 13-301-18  
 18.5 cm/ 7 1/2"

Bone Surgery - Knochenchirurgie  
Hohlmeißelzangen  
Bone Rongeur Forceps



13-302-23 23 cm/ 9"str  
13-302-27 27 cm/ 10½"str

13-303-23 23 cm/ 9"cvd  
13-303-27 27 cm/ 10½"cvd

Stille-Luer  
13-302-23 - 13-303-27



13-305-30

Sauerbruch  
13-304-30 - 13-305-30  
30 cm/ 12"

Bone Surgery - Knochenchirurgie  
Knochensplitterzangen  
Bone Cutting Forceps



Stille-Liston  
13-306-27  
27 cm/ 10½"



Stille-Liston  
13-307-27  
27 cm/ 10½"



13-308-23  
23 cm/ 9"  
13-308-27  
27 cm/ 10½"

Stille-Liston  
13-308-23 - 13-308-27



Bone Surgery - Knochenchirurgie  
Knochensplitterzangen  
Bone Cutting Forceps

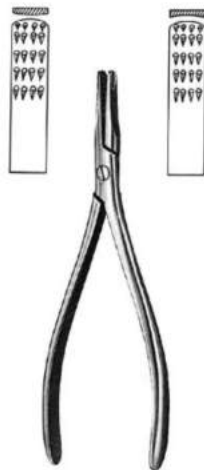


Semb  
13-309-24  
24 cm / 9½"

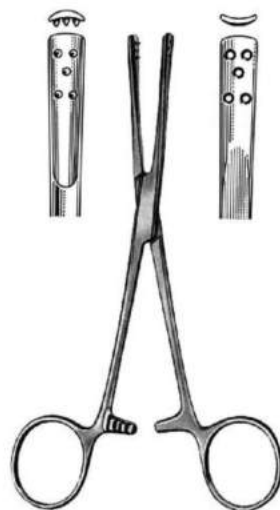


Liston-Key  
13-310-27  
27 cm / 10½"

Bone Surgery - Knochenchirurgie  
 Instrumente für Finger- und Zehennägel  
 Nail instruments, Finger Ring Saws



Radolf  
 13-311-13  
 13.5 cm/ 5 1/4"



Penner  
 13-312-15  
 15 cm/ 6"



Plier Action  
 13-313-17  
 17 cm/ 6 3/4"  
 Spare blade  
 13-314-01



Thumb Action  
 13-315-16  
 16 cm/ 6 1/4"  
 Spare blade  
 13-316-01

## CARDIOVASCULAR SURGERY



Rib Contractors, Lung Spatula

Bronchus Forceps

Tissue & Organ Holding Forceps

Atrauma Bulldog Clamps

Atrauma Hamostatic Forceps

Atrauma Cardiovascular Forceps

Atrauma Tissue Forceps

Vascular Dilators

Intim Spatula

Cardiovascular Surgery - Cardiovascular  
Knochen- und Rippenscheren  
Bone and Rib Shears



Gluck  
14-101-22  
22 cm/ 8 $\frac{3}{4}$ "



14-102-22  
22 cm/ 8 $\frac{3}{4}$ "



14-103-23  
23 cm/ 9"

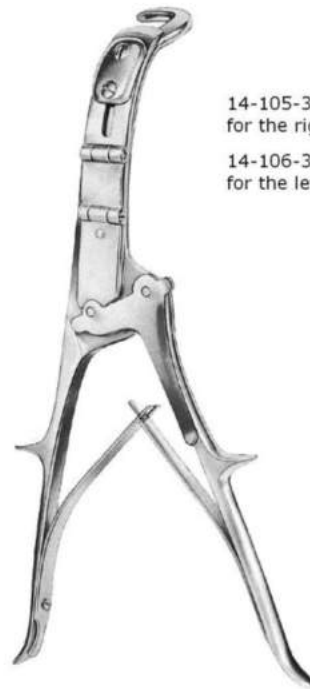




Surgery - Cardiovascular-Chirurgie  
Sternumschere, Sternummeißel  
Sternum Scissors, Sternum Chisel



Lebsche  
14-104-24  
24.5 cm/ 9 $\frac{1}{4}$ "



14-105-32  
for the right hand  
14-106-32  
for the left hand

Brunner  
14-105-32 - 14-106-32  
32 cm/ 12 $\frac{1}{2}$ "



Giertz-Stille  
14-107-27  
27 cm/ 10 $\frac{1}{2}$ "



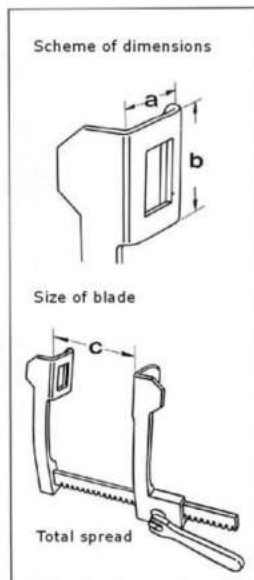
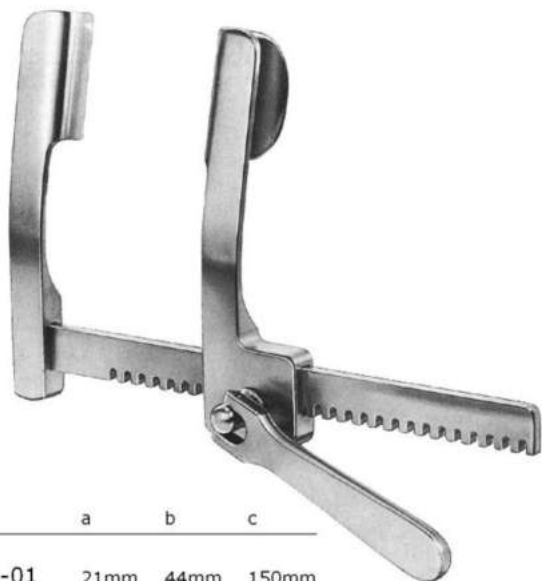
Sauerbruch  
14-108-26  
26 cm/ 10 $\frac{1}{4}$ "



Cardiovascular Surgery - Cardiovascular  
Rippensperrer  
Rib Spreaders



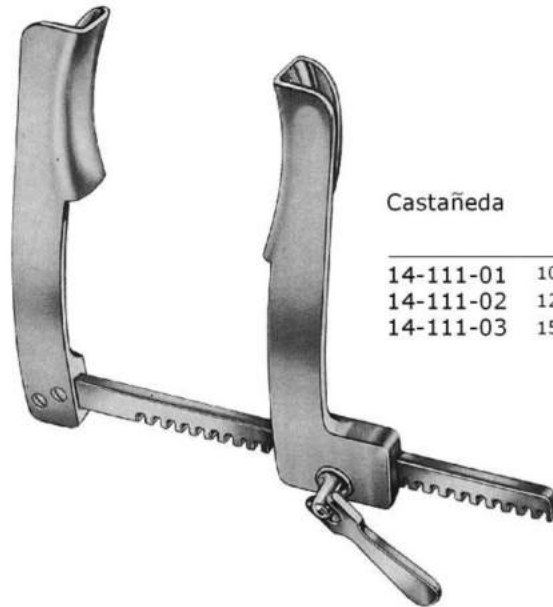
Finocchietto	a	b	c
14-109-01	40mm	45mm	135mm
14-109-02	58mm	62mm	175mm
14-109-03	64mm	65mm	175mm



Cooley	a	b	c
for child			
14-110-01	21mm	44mm	150mm
for adults			
14-110-02	35mm	50mm	200mm



Surgery - Cardiovascular-Chirurgie  
Rippensperrer  
Rib Spreaders



Castañeda

	a	b	c	
14-111-01	10.5 mm	32 mm	65 mm	new born size
14-111-02	12 mm	45 mm	70 mm	infant size
14-111-03	15 mm	60 mm	120 mm	child size



Burford

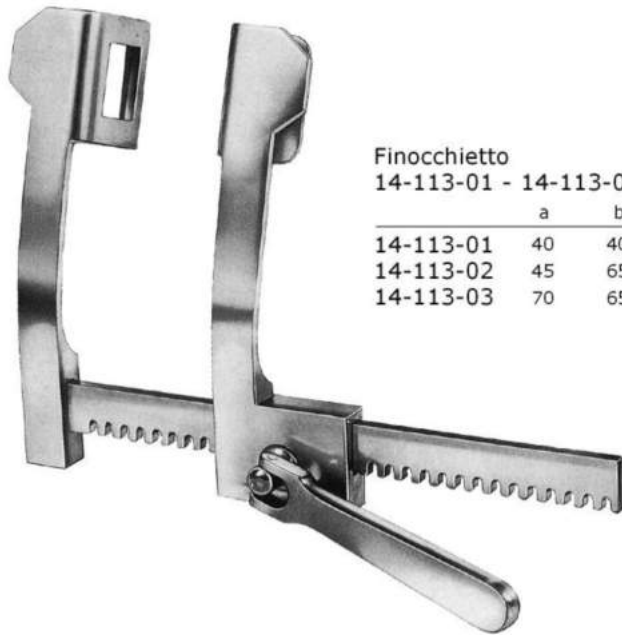
with 2 pairs of blades

	a	b	c
14-112-01	65mm 47mm	62mm 62mm	200mm
14-112-02	65mm 47mm	62mm 62mm	250mm
14-112-03	65mm 47mm	62mm 62mm	300mm

for adults



Cardiovascular Surgery - Cardiovascular  
Rippensperrer  
Rib Spreaders



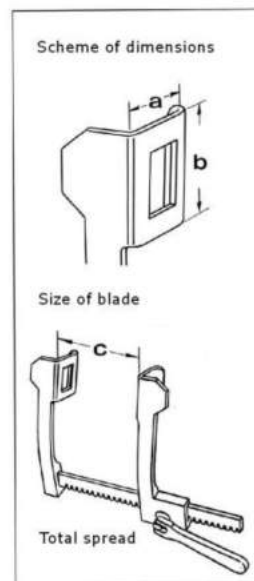
Finocchetto  
14-113-01 - 14-113-03

	a	b	c
14-113-01	40	40	165 mm
14-113-02	45	65	200 mm
14-113-03	70	65	250 mm



Tuffier

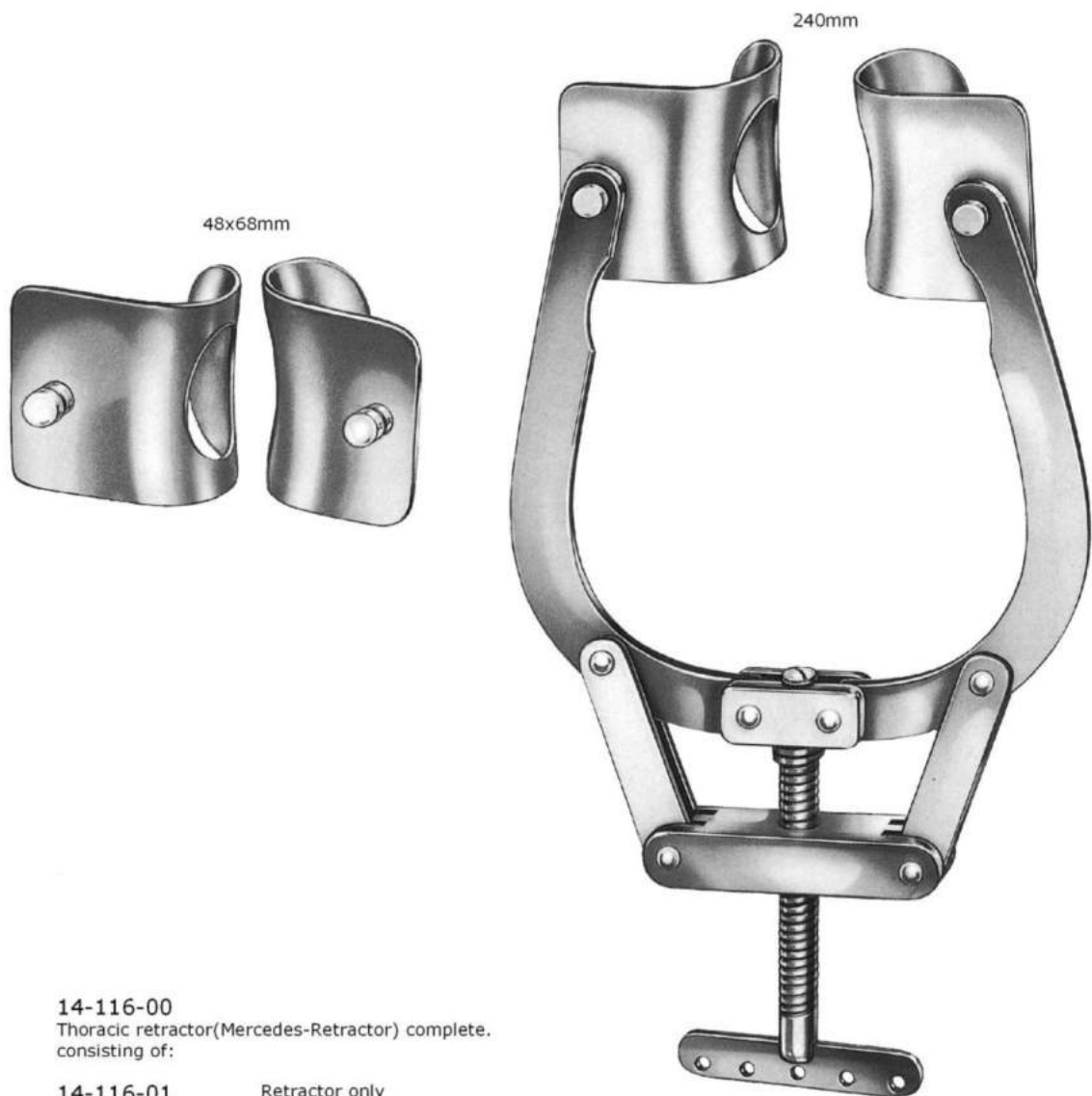
	a	b	c
14-114-02	45mm	45mm	160mm







Surgery - Cardiovascular-Chirurgie  
Rippensperrer  
Rib Spreaders



14-116-00  
Thoracic retractor(Mercedes-Retractor) complete,  
consisting of:

- |           |                          |
|-----------|--------------------------|
| 14-116-01 | Retractor only           |
| 14-116-68 | 1 Pair of blades 48x68mm |
| 14-116-75 | 1 pair of blades 70x75mm |



Cardiovascular Surgery - Cardiovascular  
Rippenkontraktoren, Lungenspatel  
Rib Contractors, Lung Spatula



Allison  
14-117-30 30 cm/12"  
14-117-32 32 cm/12½"



Bailey  
14-118-16  
16 cm/ 6¼"



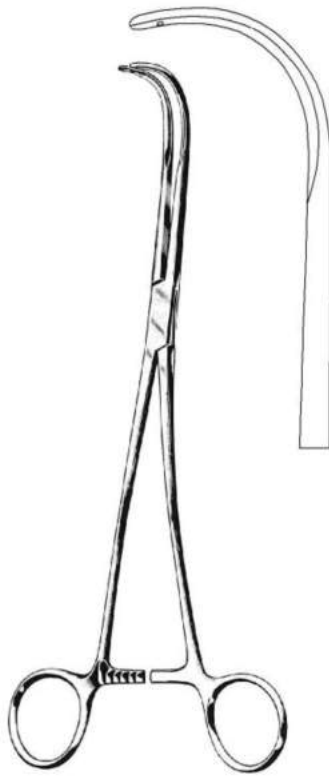
14-119-19  
19 cm/ 7½"



Bailey-Baby  
14-120-14  
14 cm/ 5½"



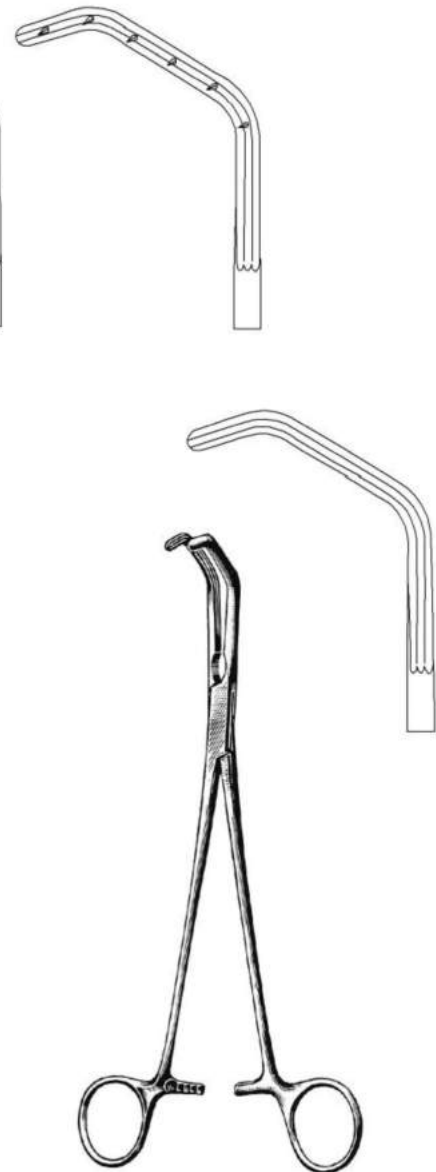
Surgery - Cardiovascular-Chirurgie  
Bronchusklemmen  
Bronchus Forceps



Semb  
14-121-24  
24 cm/ 9½ "



Price-Thomas  
14-122-22  
22 cm/ 8¾ "



Price-Thomas  
14-123-22  
22 cm/ 8¾ "



Cardiovascular Surgery - Cardiovascular  
Gewebe- und organ-Faßzangen  
Tissue and organ Holding Forceps



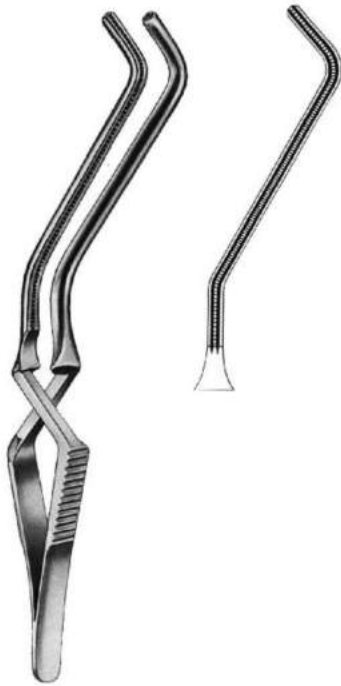
Lovelace  
14-124-20  
20 cm/ 8"



Lovelace  
14-125-20  
20 cm/ 8"



Surgery - Cardiovascular-Chirurgie  
 Atrauma Bulldogklemmen  
 Atrauma Bulldog Clamps



Gregory-Soft  
 14-126-11  
 11.5 cm/ 4½"



14-127-09 9 cm/ 3½"  
 14-127-11 11.5 cm/ 4½"

Gregory-Soft



De Bakey-Satinsky  
 14-128-07  
 7 cm/ 2¾"

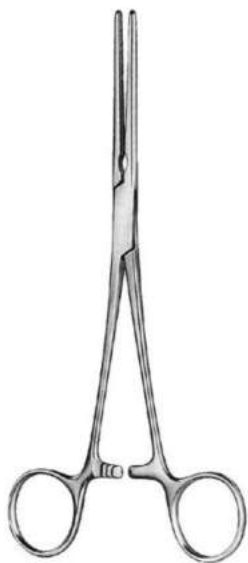


Glover  
 14-129-05  
 5 cm/ 2"



Santulli  
 14-130-07  
 7 cm/ 2¾"

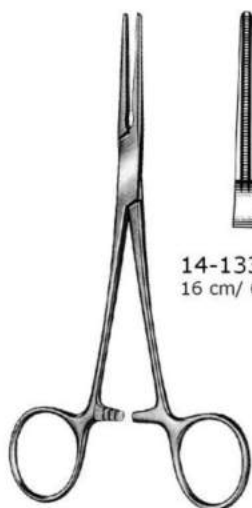
Cardiovascular Surgery - Cardiovascular  
 Atrauma Arterienklemmen  
 Atrauma Hemostatic Forceps



De Bakey-Pean  
 14-131-14 - 14-132-20



- |           |            |           |            |
|-----------|------------|-----------|------------|
| 14-131-14 | 14 cm/ 5½" | 14-132-14 | 14 cm/ 5½" |
| 14-131-16 | 16 cm/ 6¼" | 14-132-16 | 16 cm/ 6¼" |
| 14-131-18 | 18 cm/ 7"  | 14-132-18 | 18 cm/ 7"  |
| 14-131-20 | 20 cm/ 8"  | 14-132-20 | 20 cm/ 8"  |



De Bakey-Rankin  
 14-133-16 - 14-134-16



- |           |            |           |            |
|-----------|------------|-----------|------------|
| 14-133-16 | 16 cm/ 6¼" | 14-134-16 | 16 cm/ 6¼" |
|-----------|------------|-----------|------------|



De Bakey-Mosquito  
 14-135-15 - 14-136-15



- |           |           |           |           |
|-----------|-----------|-----------|-----------|
| 14-135-15 | 15 cm/ 6" | 14-136-15 | 15 cm/ 6" |
|-----------|-----------|-----------|-----------|



Surgery - Cardiovascular-Chirurgie  
Atrauma Cardiovascular-Klemmen  
Atrauma Cardiovascular Forceps



Dietrich  
14-137-21  
21 cm/ 8 1/4"



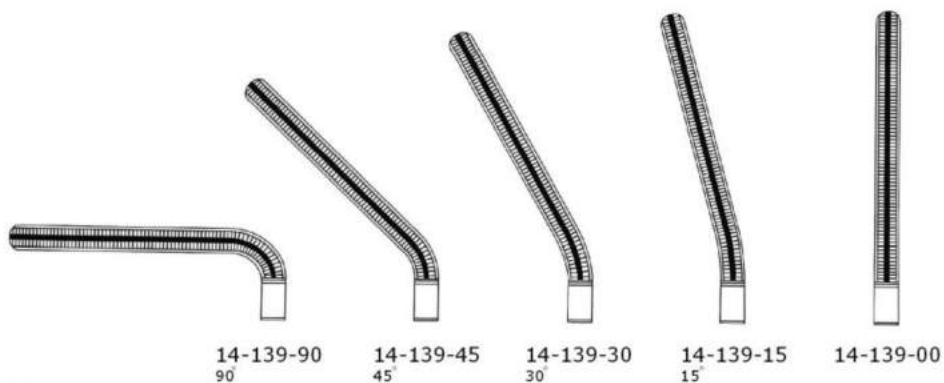
Ochsner  
14-138-23  
23.5 cm/ 9 1/4"



Cardiovascular Surgery - Cardiovascular  
 Atrauma Cardiovascular-Klemmen  
 Atrauma Cardiovascular Forceps



Dardik  
 14-139-00 - 14-139-90



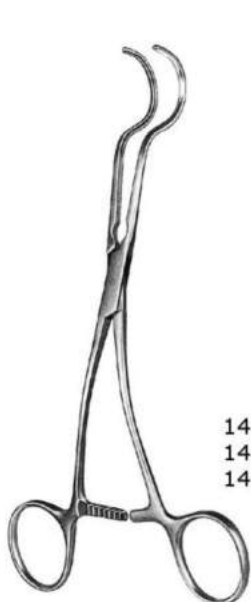
14-139-90  
 90°

14-139-45  
 45°

14-139-30  
 30°

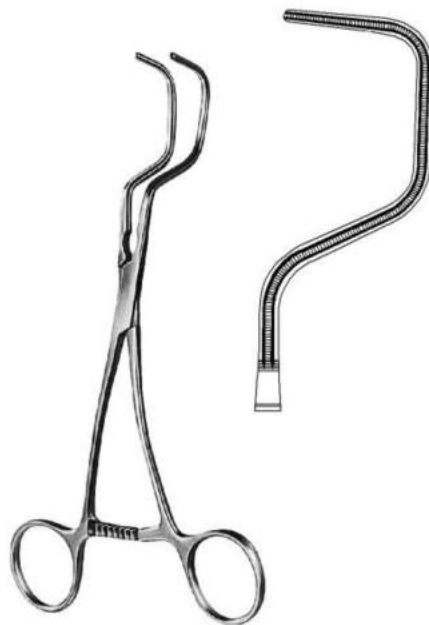
14-139-15  
 15°

14-139-00



Dale  
 14-140-17 - 14-140-19

- 14-140-17 17 cm/ 6 3/4"
- 14-140-18 18 cm/ 7"
- 14-140-19 18.5 cm/ 7 1/4"



Dale  
 14-141-18  
 18.5 cm/ 7 1/4"





Surgery - Cardiovascular-Chirurgie  
 Atrauma Cardiovascular-Klemmen  
 Atrauma Cardiovascular Forceps



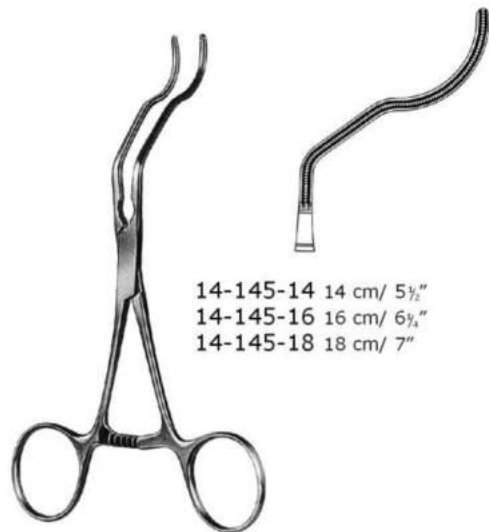
14-142-17  
 Husfeldt  
 17 cm/ 6 3/4"



14-143-18  
 Husfeldt  
 18 cm/ 7"



14-144-18  
 Husfeldt  
 18 cm/ 7"



14-145-14 14 cm/ 5 1/2"  
 14-145-16 16 cm/ 6 1/4"  
 14-145-18 18 cm/ 7"

Gregory  
 14-145-14 - 14-145-18



Cardiovascular Surgery - Cardiovascular  
Atrauma Pinzetten  
Atrauma Tissue forceps



2.0mm



Cooley  
14-146-16 16 cm/ 6 1/4"  
14-146-20 20 cm/ 8"



2.0mm



De Bakley  
14-147-16 16 cm/ 6 1/4"  
14-147-20 20 cm/ 8"  
14-147-24 24 cm/ 9 1/2"  
14-147-30 30 cm/ 12"



3.5mm



De Bakley  
14-148-16 16 cm/ 6 1/4"  
14-148-20 20 cm/ 8"  
14-148-24 24 cm/ 9 1/2"  
14-148-30 30 cm/ 12"



1.5mm



De Bakley  
14-149-16 16 cm/ 6 1/4"  
14-149-20 20 cm/ 8"  
14-149-24 24 cm/ 9 1/2"



2.7mm



De Bakley  
14-150-16 16 cm/ 6 1/4"  
14-150-20 20 cm/ 8"  
14-150-24 24 cm/ 9 1/2"  
14-150-30 30 cm/ 12"



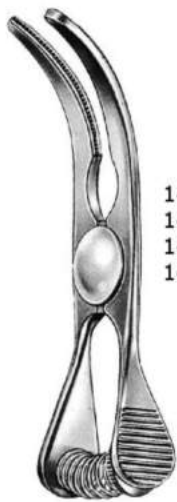
2.0mm



De Bakley  
14-151-16 16 cm/ 6 1/4"  
14-151-20 20 cm/ 8"  
14-151-24 24 cm/ 9 1/2"  
14-151-30 30 cm/ 12"



Surgery - Cardiovascular-Chirurgie  
 Atrauma Bulldogklemmen  
 Atrauma Bulldog Clamps



- 14-152-05 5.5 cm/ 2 1/4"
- 14-152-06 6.5 cm/ 2 1/2"
- 14-152-08 8.5 cm/ 3 1/4"
- 14-152-10 10.5 cm/ 4 1/4"

Glover  
 14-152-05 - 14-152-10



- 14-153-06 6 cm/ 2 1/2"
- 14-153-07 7 cm/ 2 3/4"
- 14-153-09 9 cm/ 3 1/2"
- 14-153-11 11.5 cm/ 4 1/2"

Glover  
 14-153-06 - 14-153-11



- 14-154-07 7 cm/ 2 3/4"
- 14-154-08 8 cm/ 3 1/4"
- 14-154-10 10 cm/ 4"
- 14-154-12 11.5 cm/ 4 1/2"

14-154-07 - 14-154-12



- 14-155-07 7.5 cm/ 3"
- 14-155-08 8.5 cm/ 3 1/2"
- 14-155-10 10.5 cm/ 4 1/4"
- 14-155-12 12 cm/ 4 3/4"

14-155-07 - 14-155-12



14-156-23  
 23 cm/ 9"



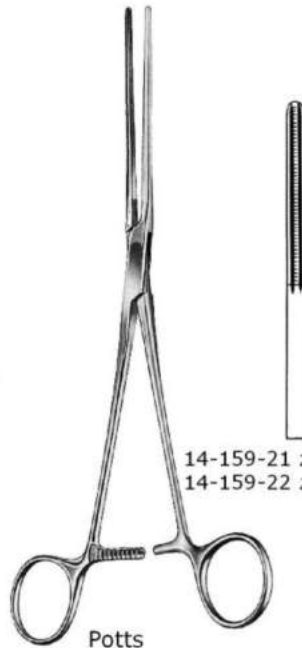
Cardiovascular Surgery - Cardiovascular  
Atrauma Cardiovascular-Klemmen  
Atrauma Cardiovascular Forceps



Potts  
14-157-22  
22 cm/ 8 7/8"



Potts  
14-158-22  
22 cm/ 8 7/8"



14-159-21 21 cm/ 8 1/4"  
14-159-22 22 cm/ 8 7/8"

Potts  
14-159-21 - 14-159-22



14-160-21 21 cm/ 8 1/4"  
14-160-22 22 cm/ 8 7/8"

Potts  
14-160-21 - 14-160-22



14-161-21 21 cm/ 8 1/4"  
14-161-22 22 cm/ 8 7/8"

Potts  
14-161-21 - 14-161-22



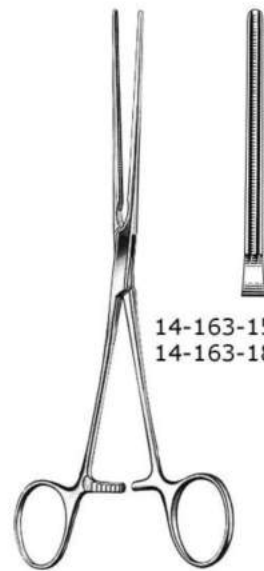


Surgery - Cardiovascular-Chirurgie  
 Atrauma Cardiovascular-Klemmen  
 Atrauma Cardiovascular Forceps



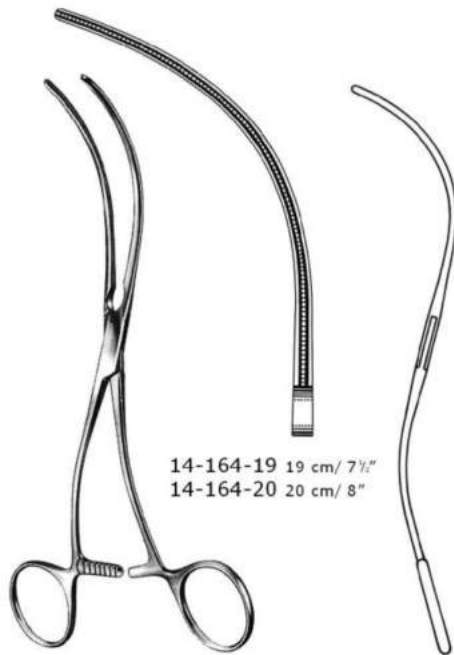
14-162-15 15 cm/ 6"  
 14-162-18 18 cm/ 7"

Bainbridge  
 14-162-15 - 14-162-18



14-163-15 15 cm/ 6"  
 14-163-18 18 cm/ 7"

Bainbridge  
 14-163-15 - 14-163-18



14-164-19 19 cm/ 7 1/2"  
 14-164-20 20 cm/ 8"

De Bakey  
 14-164-19 - 14-164-20



De Bakey  
 14-165-16  
 16 cm/ 6 1/4"

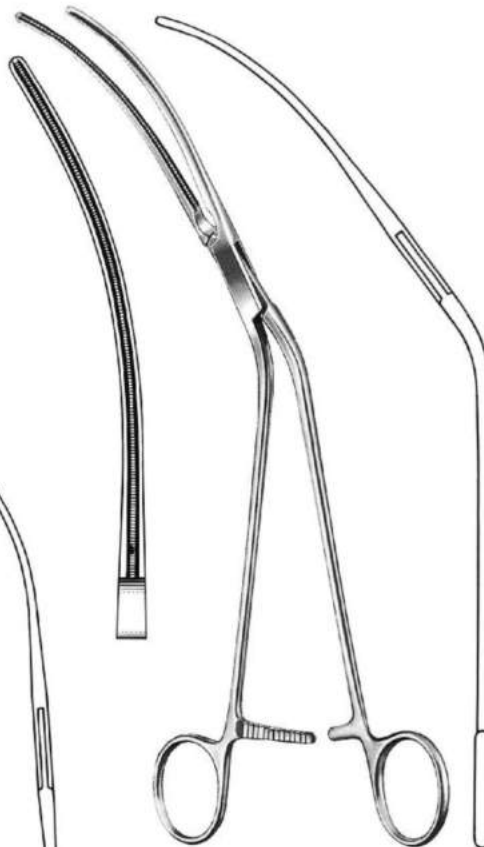


Cardiovascular Surgery - Cardiovascular  
Atrauma Cardiovascular-Klemmen  
Atrauma Cardiovascular Forceps



Satinsky  
14-166-20 - 14-166-26

- 14-166-20 20 cm/ 8"
- 14-166-24 24 cm/ 9½"
- 14-166-25 25 cm/ 10"
- 14-166-26 26.5 cm/ 10½"



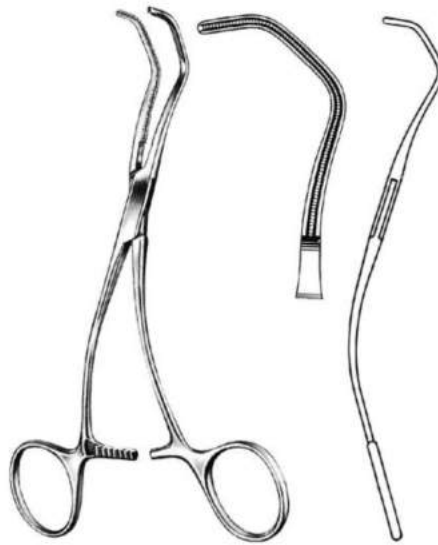
De Bakey  
14-167-28  
28 cm/ 11"



- 14-168-26 26 cm/ 10¼"
- 14-168-27 27 cm/ 10¾"
- 14-168-31 31 cm/ 12¼"
- 14-168-33 33 cm/ 13"

De Bakey  
14-168-26 - 14-168-33

Surgery - Cardiovascular-Chirurgie  
Atrauma Cardiovascular-Klemmen  
Atrauma Cardiovascular Forceps



De Bakey  
14-169-17  
17 cm/ 6 7/8"



264

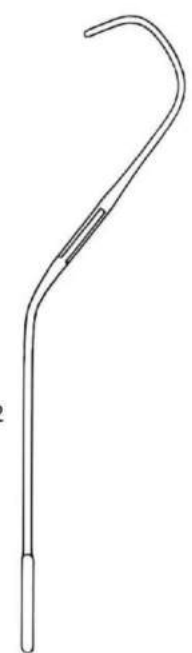
Lambert-kay  
14-170-21 - 14-170-22



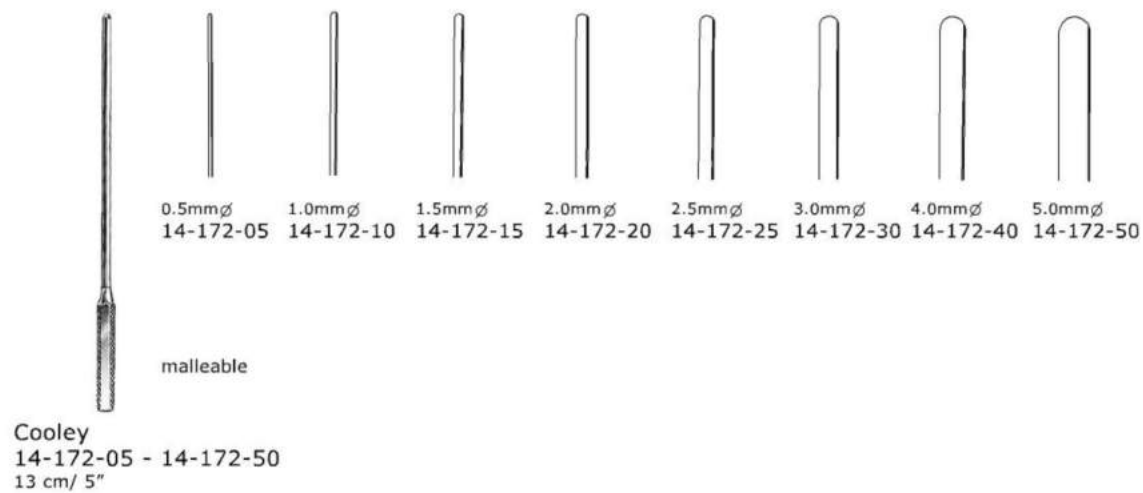
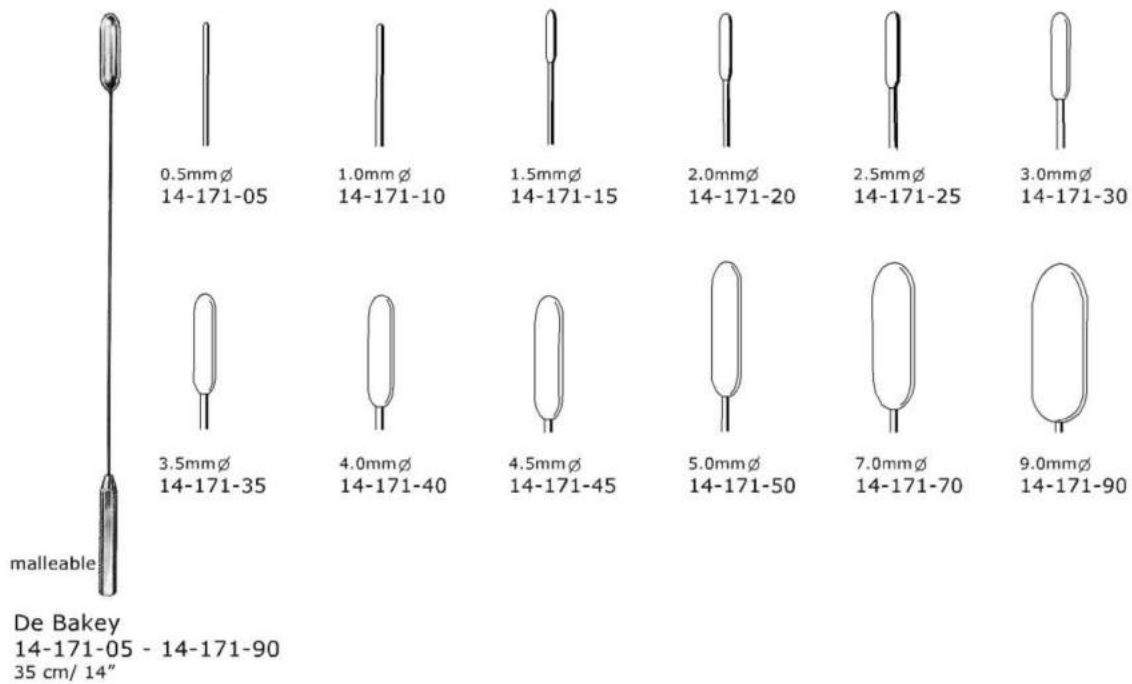
14-170-21



14-170-22



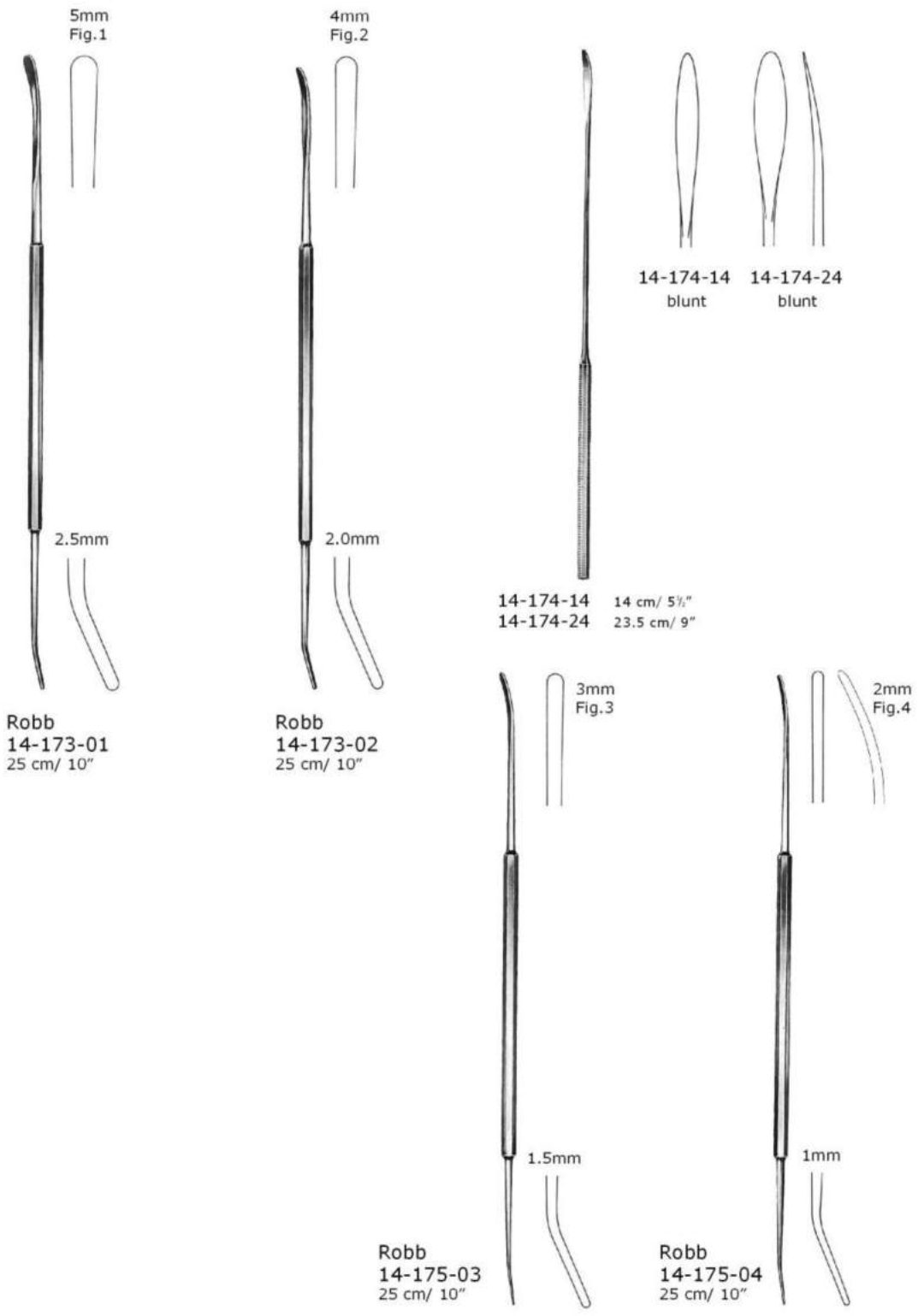
Cardiovascular Surgery - Cardiovascular-  
Gefäß-Dilatatoren  
Vascular Dilators







Surgery - Cardiovascular-Chirurgie  
Intima Spatel  
Intima Spatula



## NEUROSURGERY & LAMINECTOMY



Cranial Rongeurs, Wire Saws

Cervical Traction Tongs

Clips & Applying Forceps

Dura-Dissectors

Brain Spatulas

Nerve Root Retractors

Nerve Hooks

Knives, Dura Hooks

Micro Instruments

Laminar Spreaders

Intervertebral Disc Rongeurs

Laminectomy Rongeurs

Neurochirurgie und Laminektomie  
Schädelzangen, Drahtsägen  
Cranial Rongeurs, Wire Saws



De Vilbiss  
15-101-21  
21 cm/ 8½"



Dahlgren  
15-102-20  
20 cm/ 8"



Martel  
15-103-33  
33 cm/ 13"



Olivecrona  
15-104-30 - 15-104-70

- |           |            |
|-----------|------------|
| 15-104-30 | 30 cm/ 12" |
| 15-104-40 | 40 cm/ 16" |
| 15-104-50 | 50 cm/ 20" |
| 15-104-60 | 60 cm/ 24" |
| 15-104-70 | 70 cm/ 28" |



15-105-01  
Gigli Saw Handle

Neurosurgery and Laminectomy  
Schädelhalter  
Cervical Traction Tongs



Large Size  
15-106-01  
Pins adjustable



Crutchfield  
15-107-01  
small size



Crutchfield  
15-108-02  
Medium size



15-109-04  
3.5mm $\varnothing$   
Drill Pins



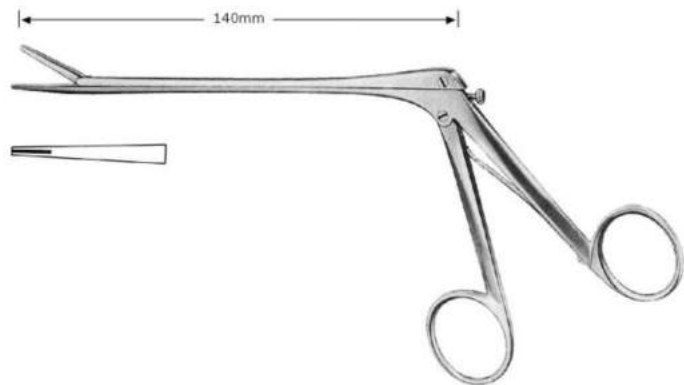
15-109-05  
5mm $\varnothing$   
Drill Pins



Neurochirurgie und Laminektomie  
Clips und Anlegezangen  
Clips and Applying Forceps



Raney  
15-110-00



Olivecrona-Toennis  
(Scoville)  
15-111-14



McKenzie  
15-112-15 15 cm/ 6"  
15-112-19 19 cm/ 7½"



McKenzie  
15-113-15 15 cm/ 6"  
15-113-19 19 cm/ 7½"

Neurosurgery and Laminectomy  
Dura-Dissektoren  
Dura-Dissectors



Milligan  
15-114-21  
21 cm/ 8½"



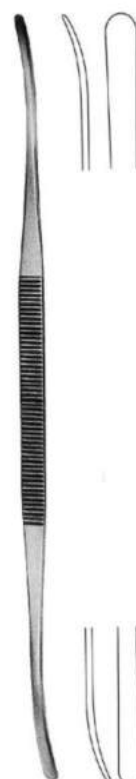
Sachs  
15-115-21  
21 cm/ 8½"



Olivecrona  
15-116-18 18 cm/ 7"  
15-116-24 24 cm/ 9½"

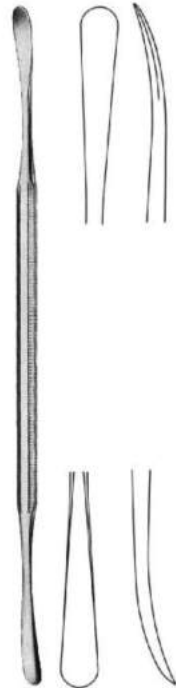


Olivecrona  
15-117-18 18 cm/ 7"  
15-117-24 24 cm/ 9½"



Toennis  
15-118-25  
25 cm/ 10"

Neurochirurgie und Laminektomie  
Dura- Dissektoren  
Dura-Dissectors



15-119-22  
22 cm/ 8 1/2"



Sachs  
15-120-21  
21 cm/ 8 1/4"



Penfield  
15-121-04  
21.5 cm/ 8 1/2"



Penfield  
15-121-03  
19.5 cm/ 7 1/2"



Penfield  
15-121-02  
19.5 cm/ 7 1/2"

Neurosurgery and Laminectomy  
Dura-Dissektoren  
Dura Dissectors



Penfield  
15-121-01  
18 cm/ 7"



Penfield  
15-122-05  
29 cm/ 11½"



Frazier  
15-123-01  
15 cm/ 6"



Hoen  
15-124-02  
15 cm/ 6"



Hoen  
15-125-03  
15 cm/ 6"



Neurochirurgie und Laminektomie  
Dura-Dissektoren  
Dura Dissectors



Davis  
15-126-24  
24.5 cm/ 9 7/8"

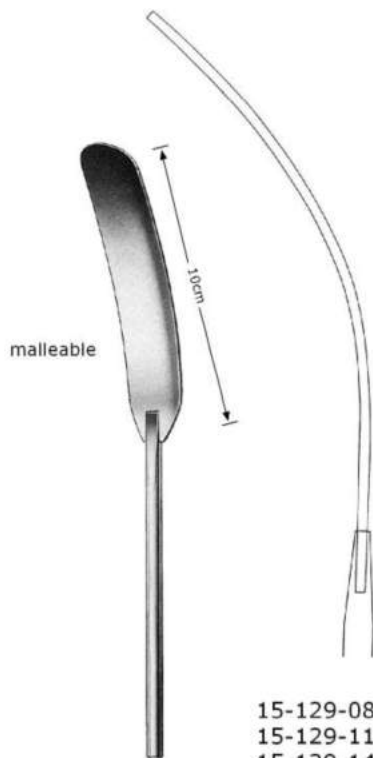


Horsley  
15-127-20  
20 cm/ 8"



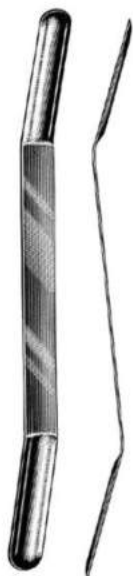
Sachs  
15-128-21  
21 cm/ 8 1/2"

Neurosurgery and Laminectomy  
Hirnspatel  
Brain Spatulas



- 15-129-08 08mm
- 15-129-11 11mm
- 15-129-14 14mm
- 15-129-17 17mm

Heifetz  
20 cm/ 8"

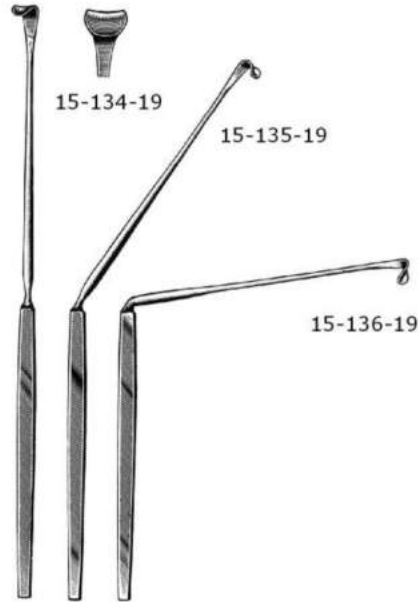


Olivecrona  
18 cm/ 7"  
Width of spatulas

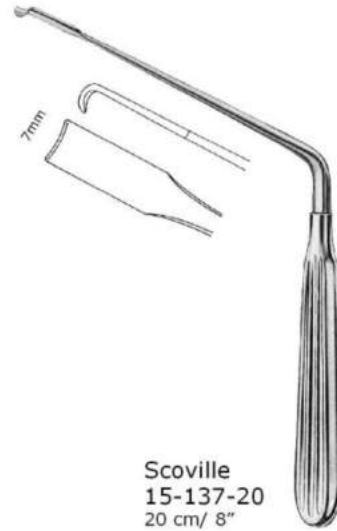


Concave	upper end mm	lower end mm	Convex
15-130-07	7	9	15-130-09
15-131-11	11	13	15-131-13
15-132-15	15	18	15-132-18
15-133-18	18	22	15-133-18

Neurochirurgie und Laminektomie  
Nervwurzelhaken  
Nerve Root Retractors



Love  
15-134-19 - 15-136-19



Scoville  
15-137-20  
20 cm/ 8"



Scoville  
15-139-23  
23 cm/ 9"



Holsher  
15-140-24  
24 cm/ 9 1/2"



Neurosurgery and Laminectomy  
Nervhaken  
Nerve Hooks



Groningen  
15-144-26  
26 cm/ 10 1/2"



Groningen  
15-145-26  
26 cm/ 10 1/2"



Graham  
15-141-16  
16 cm/ 6 1/4"



Sachs  
15-142-18  
18 cm/ 7"



Toennis  
15-143-15  
15 cm/ 6"



Cushing  
15-146-19 19 cm/ 7 3/4"  
15-146-28 28 cm/ 11"

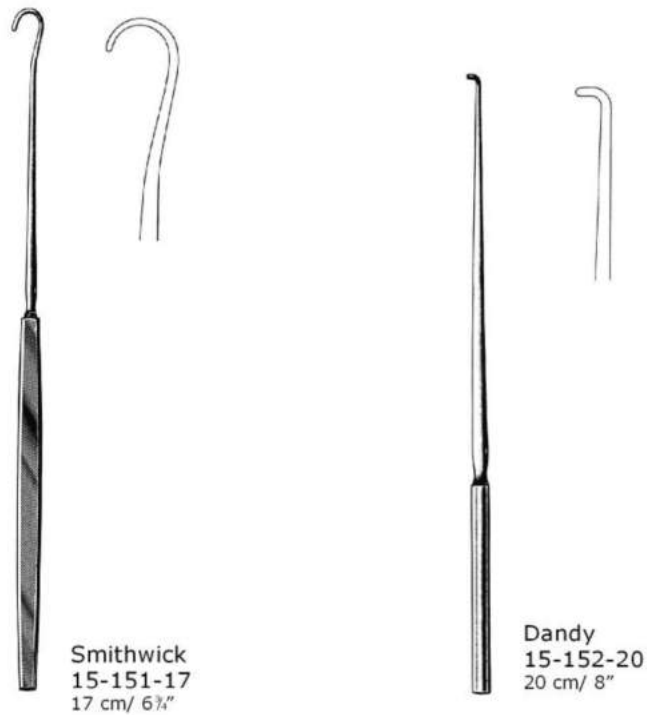
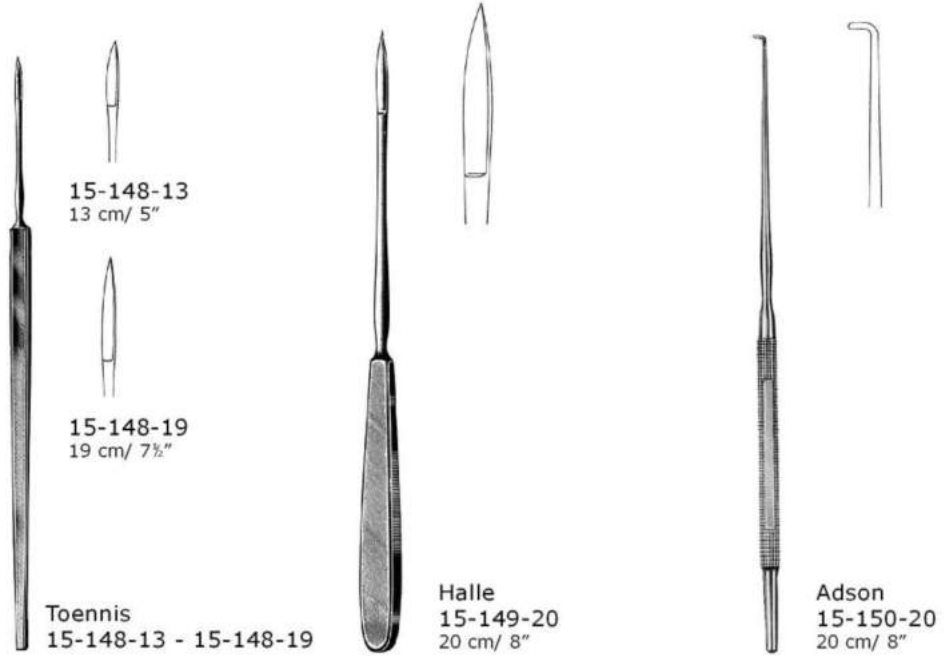


Cushing  
15-147-19 19 cm/ 7 3/4"  
15-147-28 28 cm/ 11"





Neurochirurgie und Laminektomie  
Messer, Durahaken  
Knives, Dura Hooks



Neurosurgery and Laminectomy  
Durahaken  
Dura Hook



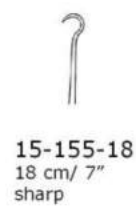
Adson  
15-153-20  
20 cm/ 8"



Cushing  
15-154-14  
14 cm/ 5½"



Frazier  
15-155-13 - 15-155-18





Neurochirurgie und Laminektomie  
Mikro-Instrumente  
Micro Instruments



Suture Pusher  
Yasargil  
15-156-01  
19 cm/ 7½"

15-156-02  
19 cm/ 7½"

15-156-03  
19 cm/ 7½"

15-156-04  
19 cm/ 7½"

15-157-19  
19 cm/ 7½"



Jacobson  
15-158-19  
19 cm/ 7½"



Koos  
15-159-19  
19 cm/ 7½"

Koos  
15-160-19  
19 cm/ 7½"

Koos  
15-161-19  
19 cm/ 7½"

Kraus  
15-162-19  
19 cm/ 7½"

Koos  
15-163-19  
19 cm/ 7½"



Neurosurgery and Laminectomy  
Mikro-Instrumente  
Micro Instruments



15-164-19 Fisch  
19 cm/ 7½"  
Dura Hook

15-165-19  
19 cm/ 7½"  
Delicate Hook

15-166-01 15-166-02 15-166-03 15-166-04  
19 cm/ 7½" 19 cm/ 7½" 19 cm/ 7½" 19 cm/ 7½"

Krayenbuhl  
Nerve and Vessel Hooks

15-168-01

15-168-02

15-168-03

15-168-04

Ligature Guides and  
Carriers, probe pointed

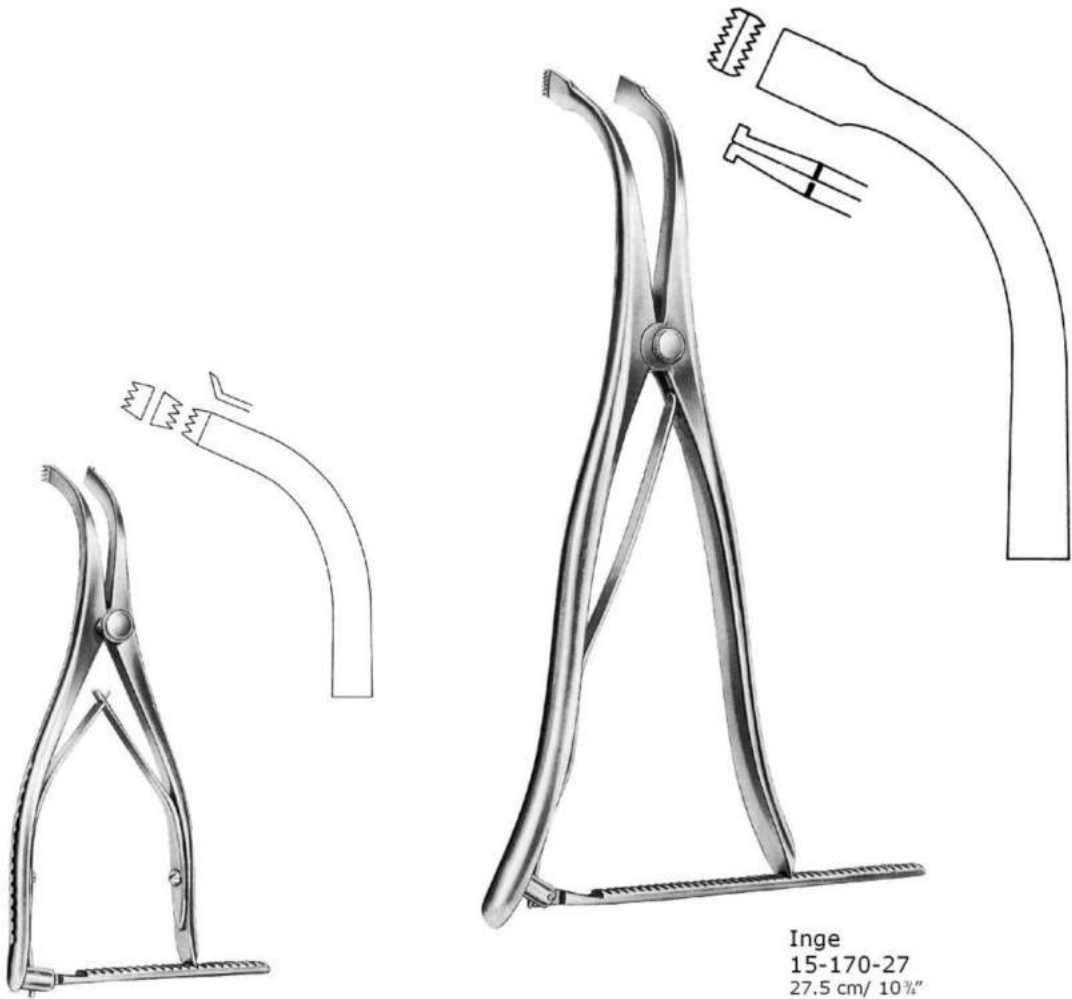


Yasargil 15-167-01 15-167-02 15-167-03 15-167-04 15-167-05 15-167-06  
19 cm/ 7½" 19 cm/ 7½" 19 cm/ 7½" 19 cm/ 7½" 19 cm/ 7½" 19 cm/ 7½"

Yasargil 15-168-01 - 15-168-04  
19 cm/ 7½"



Neurochirurgie und Laminektomie  
Wirbelkörperspreizer  
Lamina Spreaders



Inge  
15-169-17  
17 cm / 6 $\frac{3}{4}$ "

Inge  
15-170-27  
27.5 cm / 10 $\frac{3}{4}$ "

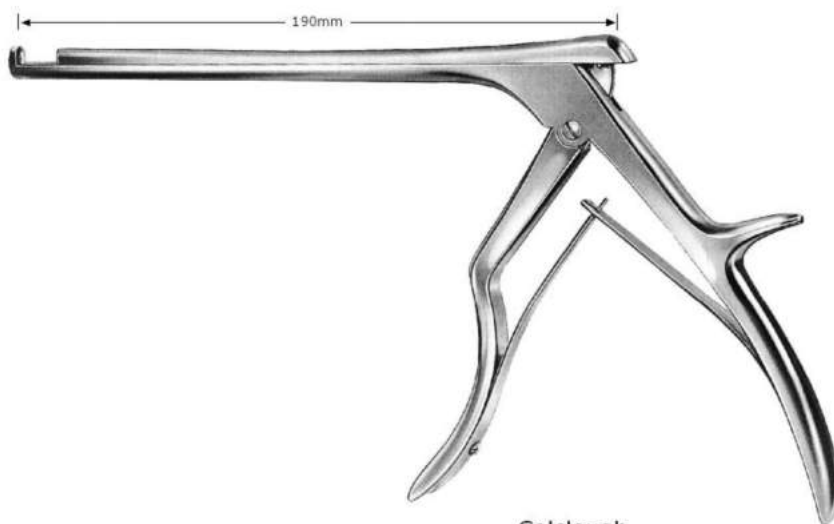


Cloward  
15-171-15  
15 cm / 6"

Neurosurgery and Laminectomy  
 Bandscheibenstanzen  
 Intervertebral Disc Rongeurs

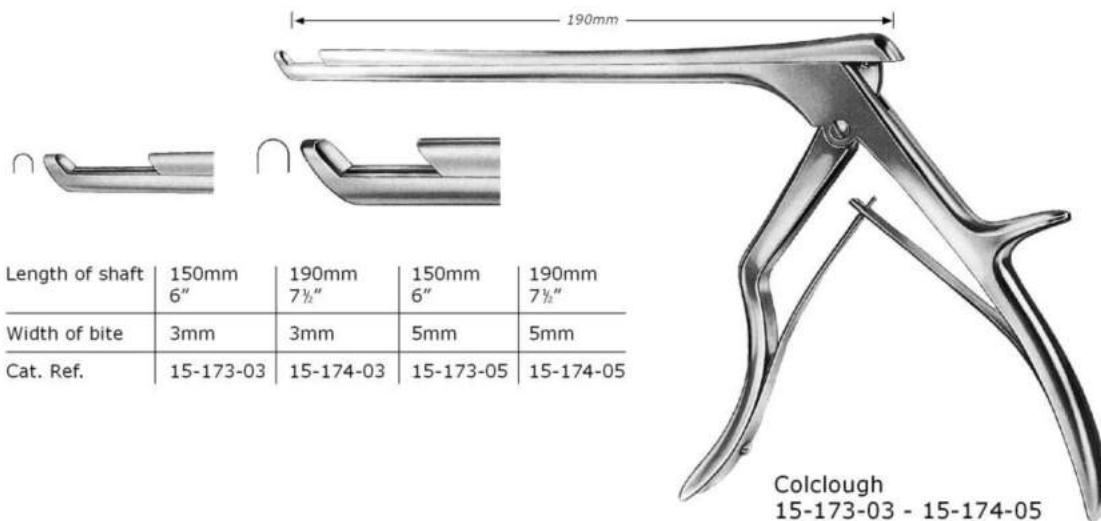


Length of shaft	150mm 6"	190mm 7½"	150mm 6"	190mm 7½"
Width of bite	3mm	3mm	5mm	5mm
Cat. Ref.	15-171-03	15-172-03	15-171-05	15-172-05



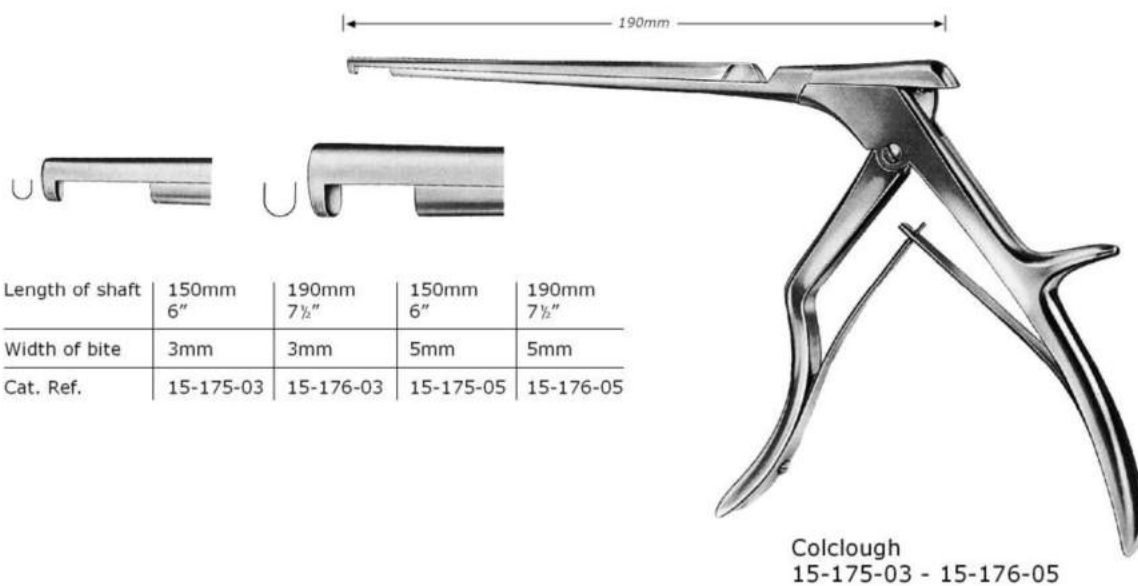
Colclough  
 15-171-03 - 15-172-05

Neurochirurgie und Laminektomie  
Bandscheibenstanzen  
Intervertebral Disc Rongeurs



Length of shaft	150mm 6"	190mm 7½"	150mm 6"	190mm 7½"
Width of bite	3mm	3mm	5mm	5mm
Cat. Ref.	15-173-03	15-174-03	15-173-05	15-174-05

Colclough  
15-173-03 - 15-174-05



Length of shaft	150mm 6"	190mm 7½"	150mm 6"	190mm 7½"
Width of bite	3mm	3mm	5mm	5mm
Cat. Ref.	15-175-03	15-176-03	15-175-05	15-176-05

Colclough  
15-175-03 - 15-176-05

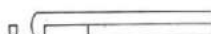
Neurosurgery and Laminectomy  
 Bandscheibenstanzen  
 Intervertebral Disc Rongeurs

cutting upward



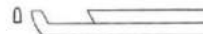
- 15-177-01 1mm
- 15-177-02 2mm
- 15-177-03 3mm
- 15-177-04 4mm
- 15-177-05 5mm

cutting downward

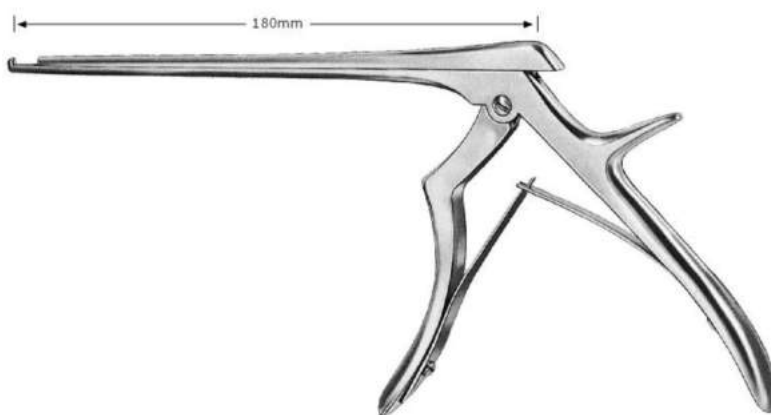


- 15-178-01 1mm
- 15-178-02 2mm
- 15-178-03 3mm
- 15-178-04 4mm
- 15-178-05 5mm

cutting 40° forward



- 15-179-01 1mm
- 15-179-02 2mm
- 15-179-03 3mm
- 15-179-04 4mm
- 15-179-05 5mm

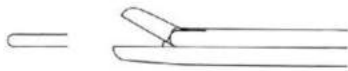


Ferris-Smith-Kerrison  
 15-177-01 - 15-179-05

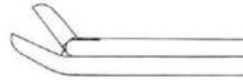


Neurochirurgie und Laminektomie  
Laminektomie-Zangen  
Laminectomy Rongeurs

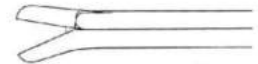
Cushing  
2mm



2x10mm	
15-180-01	13 cm
15-180-02	15 cm
15-180-03	18 cm



2x10mm/ 45°	
15-181-01	13 cm
15-181-02	15 cm
15-181-03	18 cm

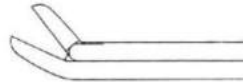


2x10mm/ 45°	
15-182-01	13 cm
15-182-02	15 cm
15-182-03	18 cm

Love-Gruenwald  
3mm



3x10mm	
15-180-04	13 cm
15-180-05	15 cm
15-180-06	18 cm



3x10mm/ 45°	
15-181-04	13 cm
15-181-05	15 cm
15-181-06	18 cm

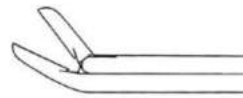


3x10mm/ 45°	
15-182-04	13 cm
15-182-05	15 cm
15-182-06	18 cm

Spurling  
4mm



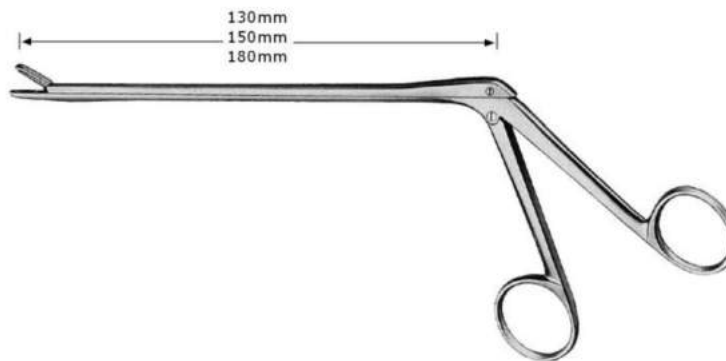
4x10mm	
15-180-07	13 cm
15-180-08	15 cm
15-180-09	18 cm



4x10mm/ 45°	
15-181-07	13 cm
15-181-08	15 cm
15-181-09	18 cm

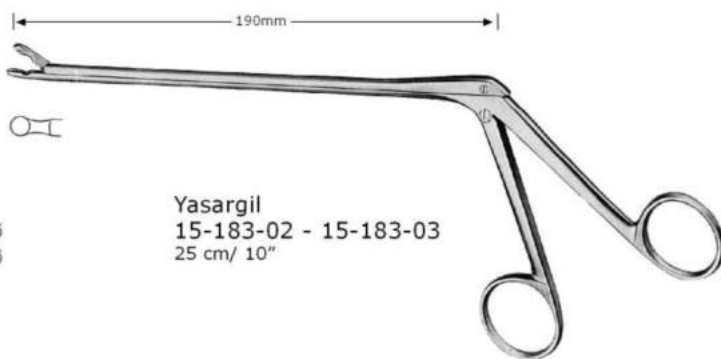


4x10mm/ 45°	
15-182-07	13 cm
15-182-08	15 cm
15-182-09	18 cm



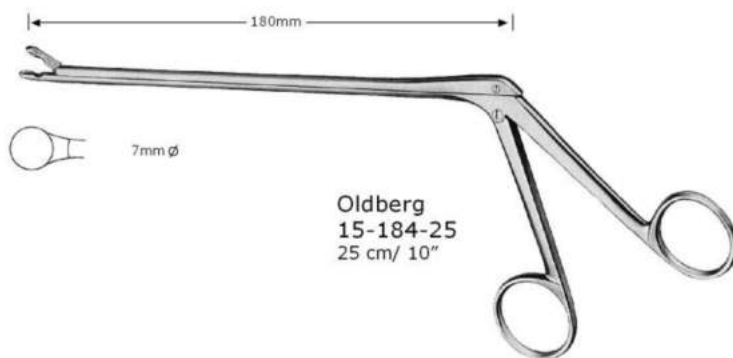
15-180-01 - 15-182-09

Neurosurgery and Laminectomy  
 Laminektomie-Zangen  
 Laminectomy Rongeurs

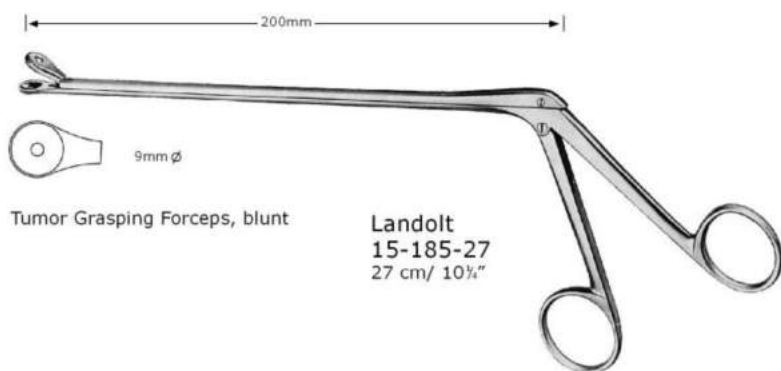


Cup Size  
 15-183-02 2.2 mm  $\varnothing$   
 15-183-03 3.5 mm  $\varnothing$

Yasargil  
 15-183-02 - 15-183-03  
 25 cm/ 10"



Oldberg  
 15-184-25  
 25 cm/ 10"



Tumor Grasping Forceps, blunt

Landolt  
 15-185-27  
 27 cm/ 10 1/2"

## TRACHEOTOMY



**Trachea Retractors, Trocas**

**Trachea Retractors**

**Trachea Tubes, Dilators**

**Directors-Enucleators**

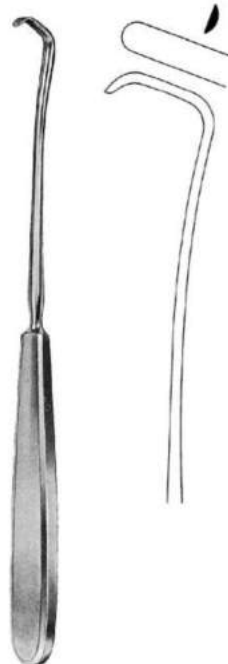
Tracheotomy - Tracheotomie  
Tracheal Häkchen, Trokare  
Trachea Retractors, Trocars



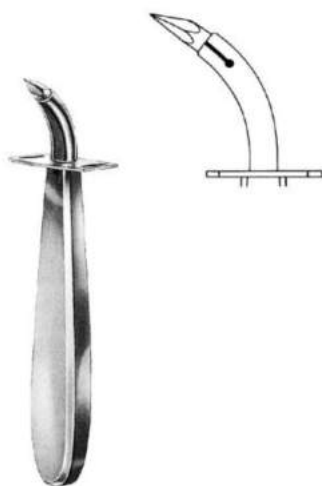
Lukens  
16-101-17  
17 cm/ 6 3/4"



Jackson  
16-102-17  
17 cm/ 6 3/4"



Schoenborn  
16-103-21  
20 cm/ 8"



Uckermann  
16-104-13 - 16-105-13  
13 cm/ 5"



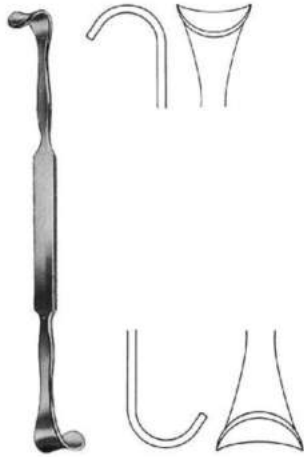
16-104-13  
7.5mm $\phi$



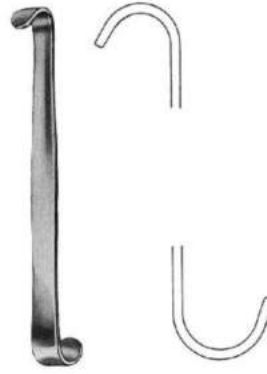
16-105-13  
9mm $\phi$



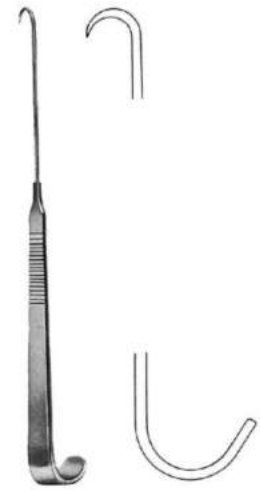
Tracheotomy - Tracheotomie  
 Tracheal Häkchen  
 Trachea Retractors



Rose  
 16-106-13  
 13.5 cm / 5"



Luer  
 16-107-11  
 11 cm / 4 1/2"



16-108-15  
 15 cm / 6"



Iterson  
 16-109-17 - 16-110-17  
 17 cm / 6 1/2"



Bose  
 16-111-16  
 16.5 cm / 6 1/2"



Bose  
 16-112-16  
 16.5 cm / 6 1/2"

Tracheotomy - Tracheotomie  
Tracheal-Kanülen, Dilatatoren  
Trachea Tubes, Dilators



**Luer**  
16-113-05 - 16-113-14  
German Silver, Silver Plated

Fig. mm  $\phi$  45-90mm

1	5	16-113-05
2	6	16-113-06
3	7	16-113-07
4	8	16-113-08
5	9	16-113-09
6	10	16-113-10
7	11	16-113-11
8	12	16-113-12
9	13	16-113-13
10	14	16-113-14



**Chevalier-Jackson**  
16-114-05 - 16-114-14  
German Silver, Silver Plated

Fig. mm  $\phi$  45-90mm

1	5	16-114-05
2	6	16-114-06
3	7	16-114-07
4	8	16-114-08
5	9	16-114-09
6	10	16-114-10
7	11	16-114-11
8	12	16-114-12
9	13	16-114-13
10	14	16-114-14



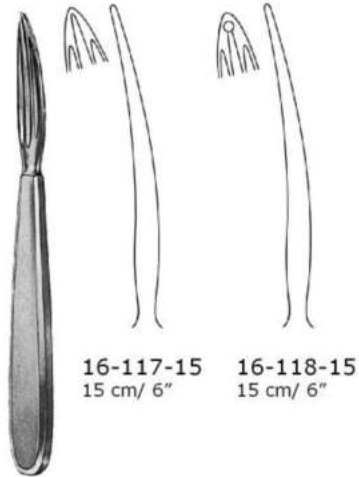
**Laborde**  
16-115-14  
14 cm/ 5½"



**Trousseau**  
16-116-14  
14 cm/ 5½"

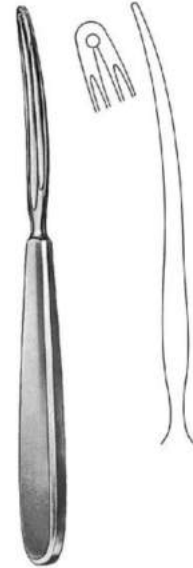


Tracheotomy - Tracheotomie  
Sonden  
Directors-Enucleators

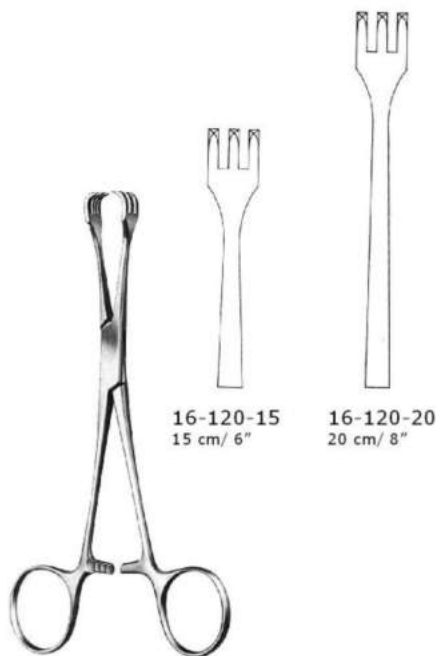


16-117-15 15 cm/ 6"  
16-118-15 15 cm/ 6"

Kocher  
16-117-15 - 16-118-15



Kocher  
16-119-18  
18 cm/ 7"



16-120-15 15 cm/ 6"  
16-120-20 20 cm/ 8"

Lahey  
16-120-15 - 16-120-20



Mastin  
16-121-17  
17 cm/ 6 1/2"



## INTESTINE



Tissue & Organ Holding Forceps

Intestinal Clamps Forceps

Intestinal & Stomach Clamps (Crushing Clamps)

Atrauma Intestinal Clamps Forceps

Atrauma Sigmoid Anastomosis Forceps

Rectal Specula

Rectal Speculun

Rectal Biopsy Specimen Forceps



Stomach, Rectum, Darm, Magen, Mastdarm  
 Gewebe- und organ-Faßzangen  
 Tissue and Organ Holding Forceps



Judd-Allis  
 17-101-15 15 cm/ 6"  
 17-101-19 19 cm/ 7½"  
 3:4 teeth



Boys-Allis  
 17-102-15  
 15 cm/ 6"  
 5:6 teeth



Allis-Adair  
 17-103-15  
 15 cm/ 6"  
 10:11 teeth



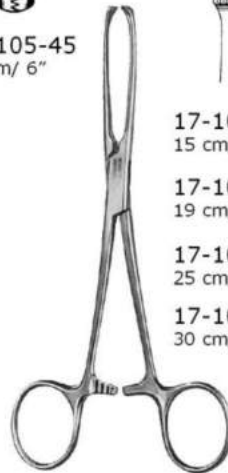
Allis-Baby  
 17-104-12  
 12 cm/ 4½"  
 4:5 teeth

4:5



17-105-45  
 15 cm/ 6"

5:6



Allis  
 17-105-15 - 17-105-45

17-105-15  
 15 cm/ 6"

17-105-19  
 19 cm/ 7½"

17-105-25  
 25 cm/ 10"

17-105-30  
 30 cm/ 12"

Intestines, Stomach, Rectum, Darm, Magen  
 Gewebe- und organ-Faßzangen  
 Tissue and Organ Holding Forceps



**Williams**  
 17-106-16  
 16 cm/ 6 1/4"  
 plain/ serrated



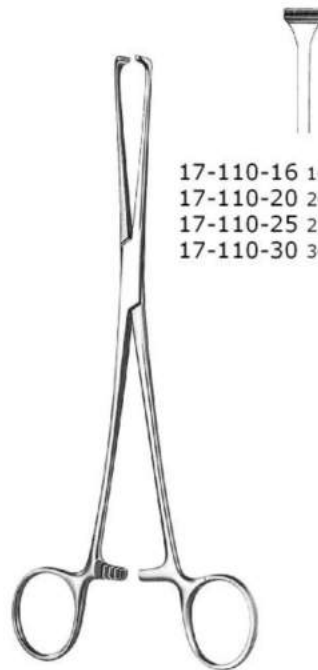
**Lockwood**  
 17-107-20  
 20 cm/ 8"



**Allis**  
 17-108-20  
 20 cm/ 8"



**Allis-Thomas**  
 17-109-20  
 20 cm/ 8"  
 6:7 teeth

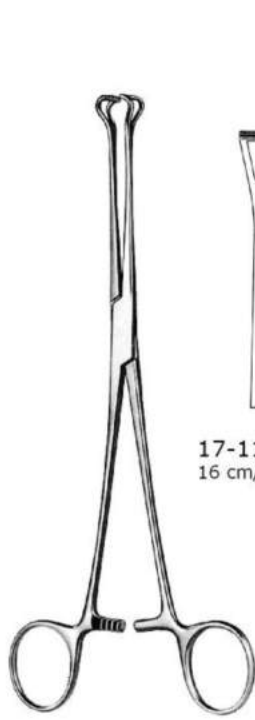


**Allis-Atrauma**  
 17-110-16 - 17-110-30

- 17-110-16 16 cm/ 6 1/4"
- 17-110-20 20 cm/ 8"
- 17-110-25 25 cm/ 10"
- 17-110-30 30 cm/ 12"



Stomach, Rectum, Darm, Magen, Mastdarm  
 Gewebe- und organ-Faßzangen  
 Tissue and Organ Holding Forceps



17-111-16 17-111-20  
 16 cm/ 6½" 20 cm/ 8"

Babcock-Atrauma  
 17-111-16 - 17-111-20



17-112-20 17-113-23  
 20 cm/ 8" 23 cm/ 9"

Duval  
 17-112-20 - 17-113-23

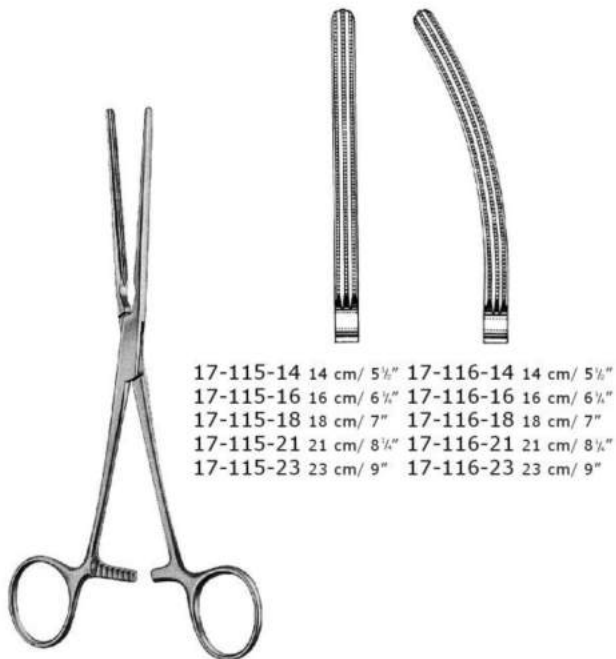


17-114-16 17-114-18 17-114-20 17-114-24  
 16 cm/ 6½" 18 cm/ 7" 20 cm/ 8" 24 cm/ 9½"

Babcock  
 17-114-16 - 17-114-24

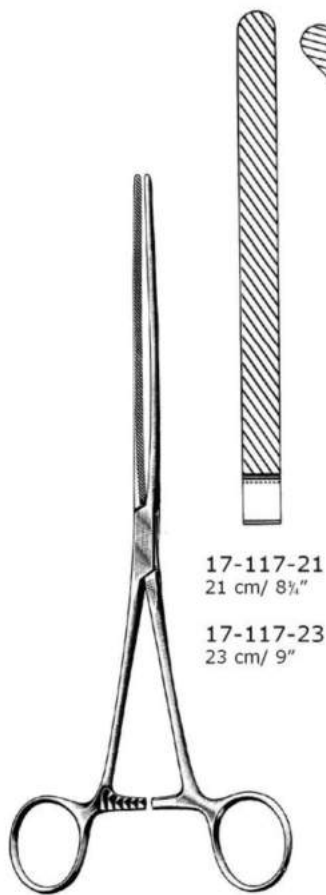


Intestines, Stomach, Rectum, Darm,  
Darmklemmen  
Intestinal Clamp Forceps



- |           |            |           |            |
|-----------|------------|-----------|------------|
| 17-115-14 | 14 cm/ 5½" | 17-116-14 | 14 cm/ 5½" |
| 17-115-16 | 16 cm/ 6½" | 17-116-16 | 16 cm/ 6½" |
| 17-115-18 | 18 cm/ 7"  | 17-116-18 | 18 cm/ 7"  |
| 17-115-21 | 21 cm/ 8½" | 17-116-21 | 21 cm/ 8½" |
| 17-115-23 | 23 cm/ 9"  | 17-116-23 | 23 cm/ 9"  |

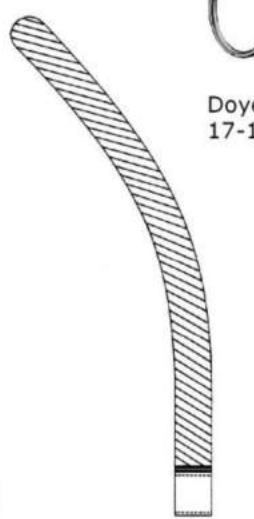
Doyen-Atrauma  
17-115-14 - 17-116-23



17-117-21  
21 cm/ 8½"

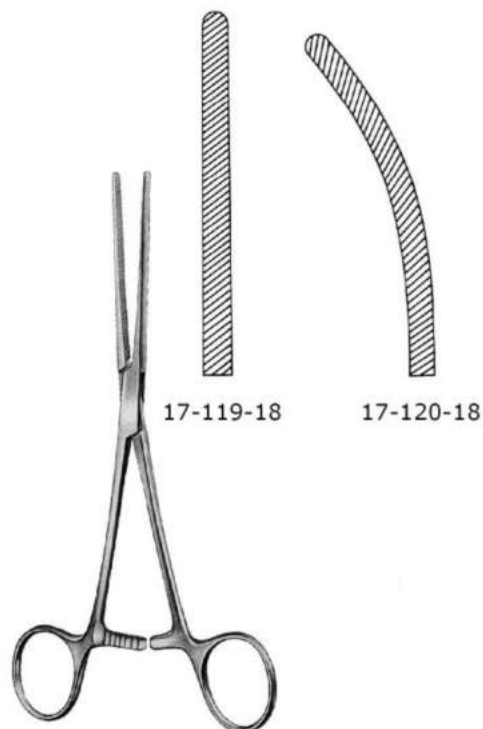
17-117-23  
23 cm/ 9"

Doyen  
17-117-21 - 17-118-23



17-118-21  
21 cm/ 8½"

17-118-23  
23 cm/ 9"



17-119-18

17-120-18

Baby-Doyen  
17-119-18 - 17-120-18  
18 cm/ 7"



Stomach, Rectum, Darm, Magen, Mastdarm  
Darmklemmen  
Intestinal Clamp Forceps



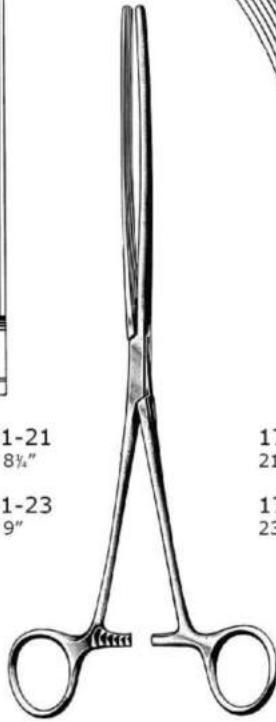
17-121-21  
21 cm/ 8 1/4"

17-121-23  
21 cm/ 9"



17-122-21  
21 cm/ 8 1/4"

17-122-23  
23 cm/ 9"



Mayo-Robson  
17-121-21 - 17-122-23

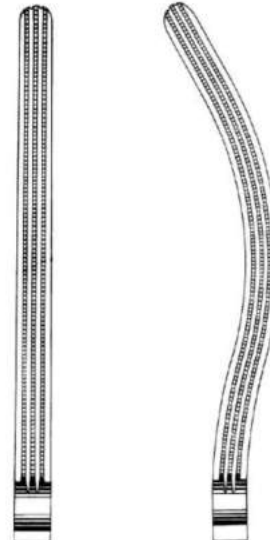


Mayo Robson-Atrauma  
17-123-25 25 cm/ 10" Str  
17-123-10 25 cm/ 10" Cvd

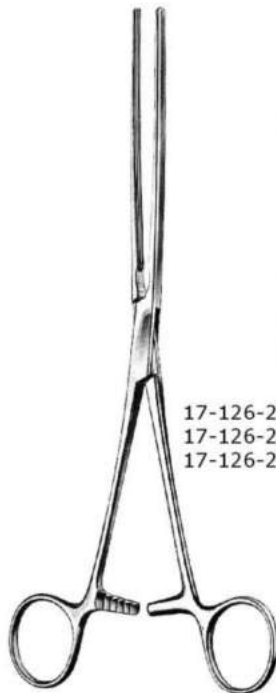


Mayo Robson  
17-124-25 25 cm/ 10" Str  
17-125-25 25 cm/ 10" Cvd

Intestines, Stomach, Rectum, Darm,  
Darmklemmen  
Intestinal Clamp Forceps



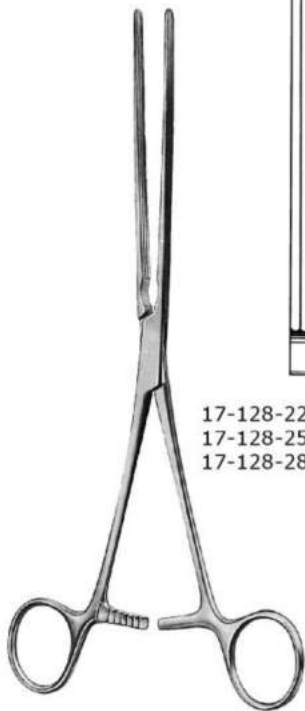
17-126-22 22 cm/ 8 7/8"    17-127-22 22 cm/ 8 7/8"  
 17-126-25 25 cm/ 10"    17-127-25 25 cm/ 10"  
 17-126-28 28 cm/ 11"    17-127-28 28 cm/ 11"



Kocher-Atrauma  
17-126-22 - 17-127-28



17-128-22 22 cm/ 8 7/8"    17-129-22 22 cm/ 8 7/8"  
 17-128-25 25 cm/ 10"    17-129-25 25 cm/ 10"  
 17-128-28 28 cm/ 11"    17-129-28 28 cm/ 11"

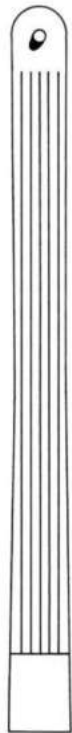


Kocher  
17-128-22 - 17-129-28  
Very elastic

Stomach, Rectum, Darm, Magen, Mastdarm  
 Darm-und Magenquetschklemmen  
 Intestinal and Stomach Clamps (Crushing Clamps)



17-133-31  
 31.5 cm/ 12½"  
 with pin



17-132-27  
 27.5 cm/ 10¾"  
 with pin



17-131-20  
 20 cm/ 8"  
 with pin



17-130-15  
 with pin

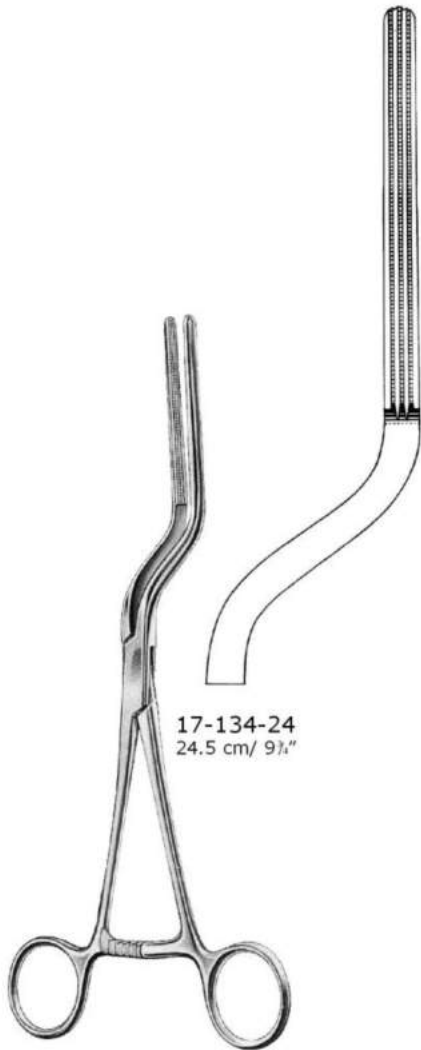


Payr-Baby  
 17-130-15  
 15 cm/ 6"



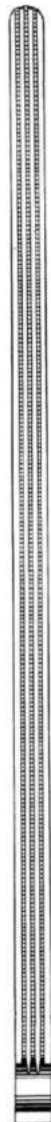
Payr  
 17-131-20 - 17-133-31

Intestines, Stomach, Rectum, Darm,  
Atrauma Darmklemmer  
Atrauma Intestinal Clamp Forceps

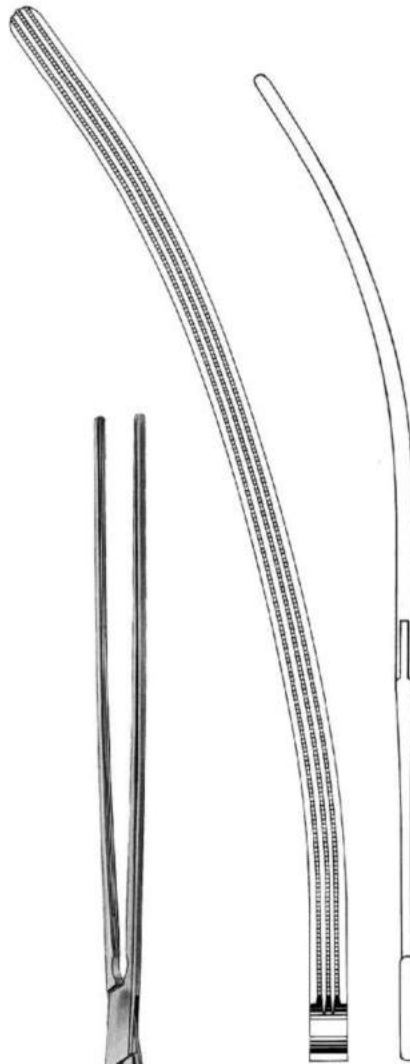


17-134-24  
24.5 cm/ 9 1/2"

Brunner  
17-134-24



17-135-33



17-136-33



Scudder-Atrauma  
17-135-33 - 17-136-33  
33 cm/ 13"



Stomach, Rectum, Darm, Magen, Mastdarm  
Atrauma Rektum-Anastomosenklemmen  
Atrauma Sigmoid Anastomosis Forceps



Fehland  
17-137-24  
24 cm/ 9½"

Resano  
17-138-30  
30 cm/ 12"



Veidenheimer  
17-139-23  
23 cm/ 9"

Intestines, Stomach, Rectum, Darm,  
Mastdarm-Spekula  
Rectal Specula



Sims  
17-140-16  
16 cm/ 6 1/4"



Sims  
17-141-16  
16 cm/ 6 1/4"



Mathieu  
17-142-20  
20 cm/ 8"



Ives-Fansler  
17-143-15  
15 cm/ 6"  
22mm $\varnothing$

Stomach, Rectum, Darm, Magen, Mastdarm  
Analspreizer  
Rectal Speculum

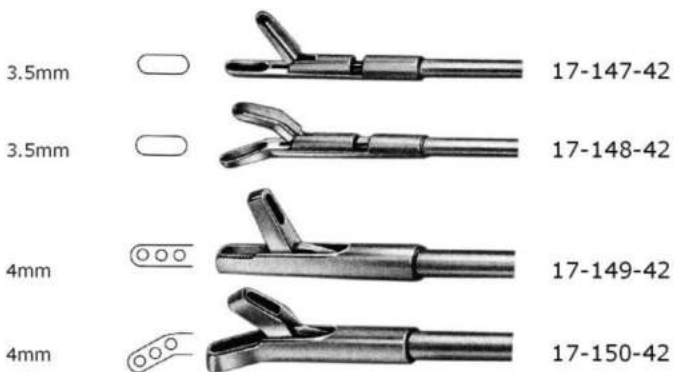
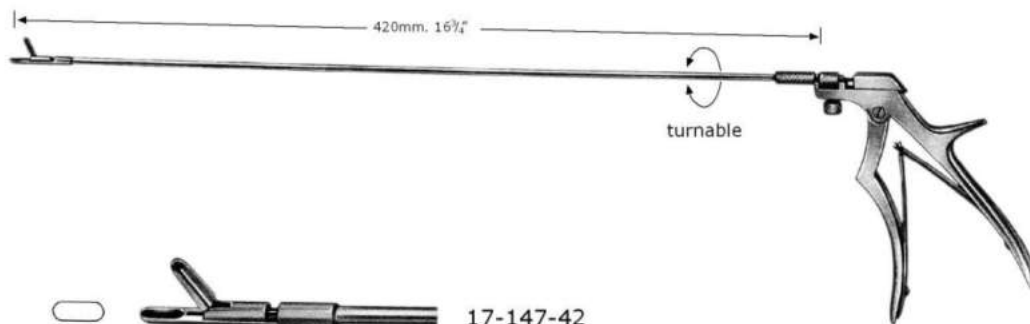
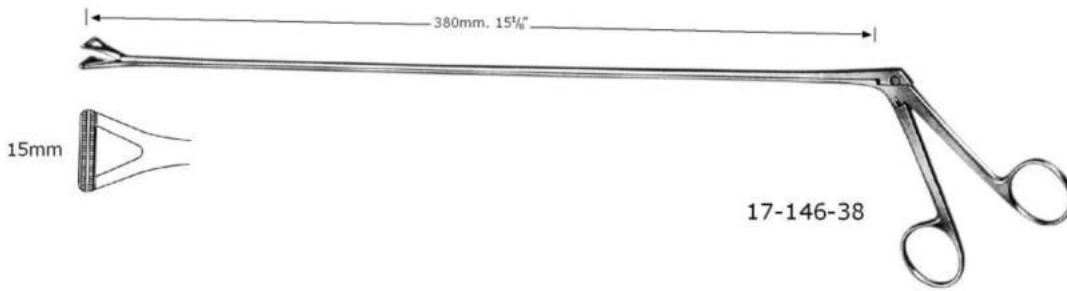


Alan Parks  
17-144-00  
Complete With  
2 pair of blades  
1 center blade



Czerny  
17-145-23  
23 cm/ 9"

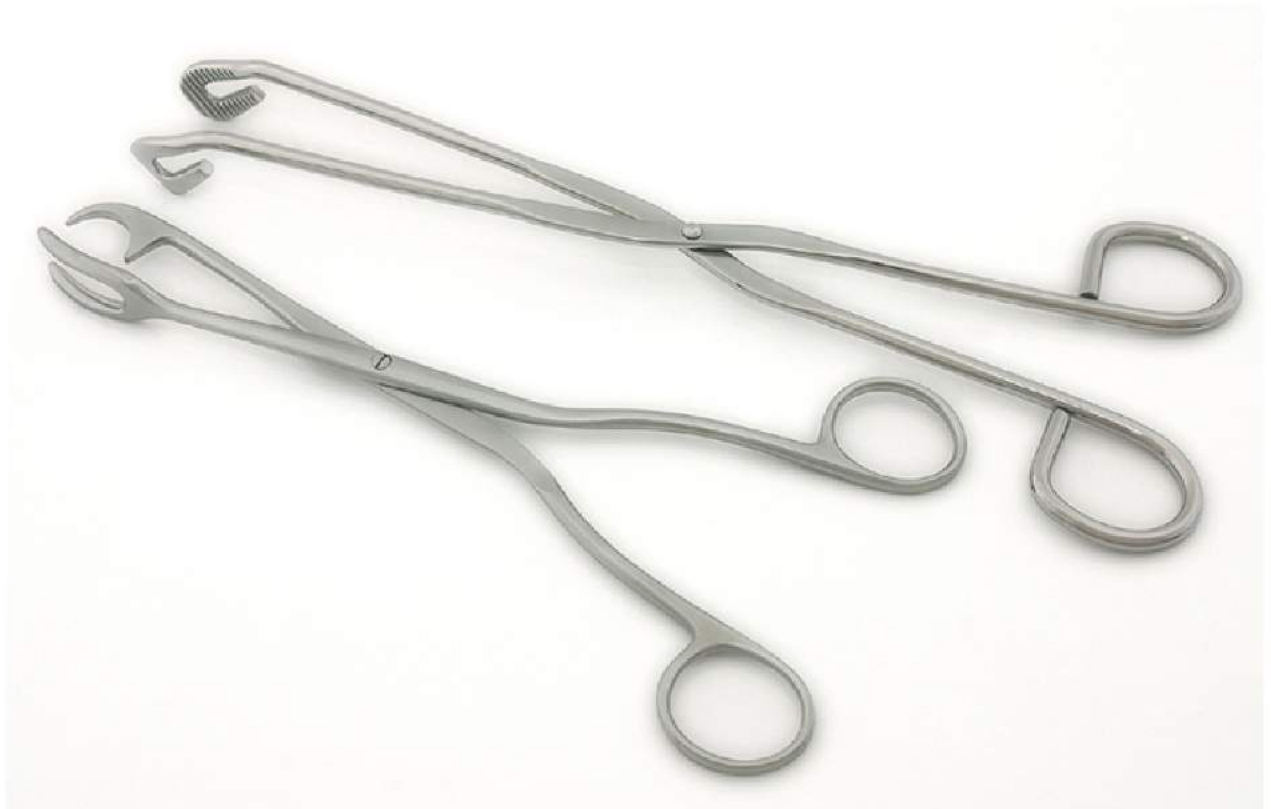
Intestines, stomach, Rectum, Darm,  
Mastdarm-Biopsiezangen  
Rectal Biopsy Specimen Forceps







## UROLOGY



**Kindeg Stone Forceps**

**Dilating Bougies, Metal Catheters**

**Gall Stone Forceps**

**Gall Stone Probes, Gall Duck Dilators**

**Gall Stone Scoops**

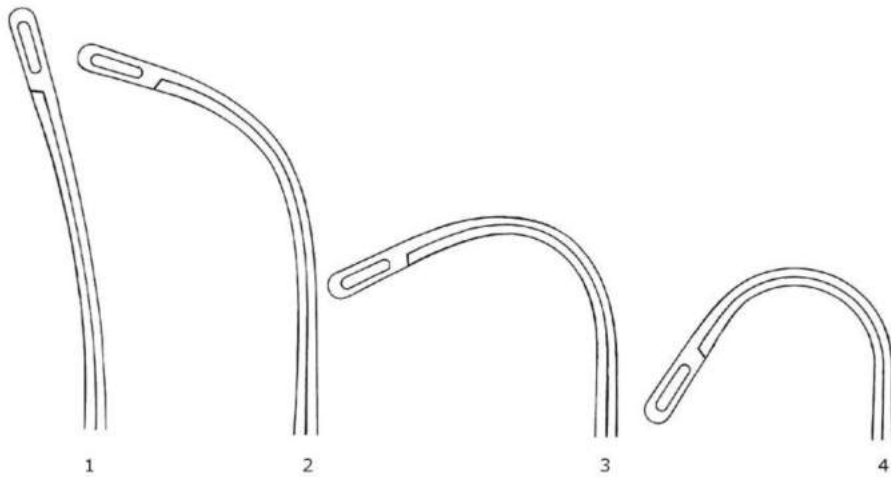
**Prostatic Rectators**

**Prostatectomy Instruments**

**Bladder Rectators**



Liver, Gall Bladder, Kidney, Leber, Galle,  
Nierensteinzangen  
Kidney Stone Forceps



1  
18-101-23  
23 cm/ 9"

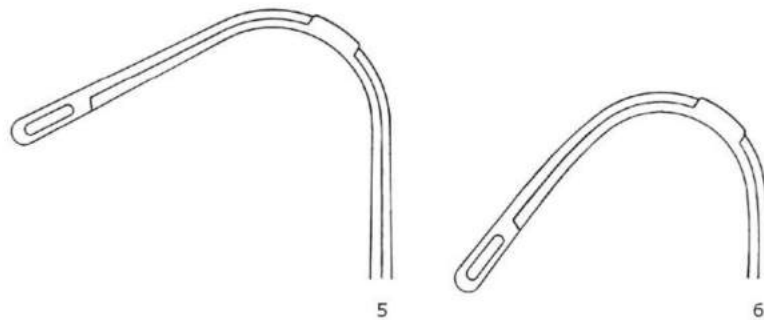
2  
18-102-22  
22 cm/ 8½"

3  
18-103-22  
22 cm/ 8½"

4  
18-104-22  
22 cm/ 8½"



Randall  
18-101-23 - 18-106-19

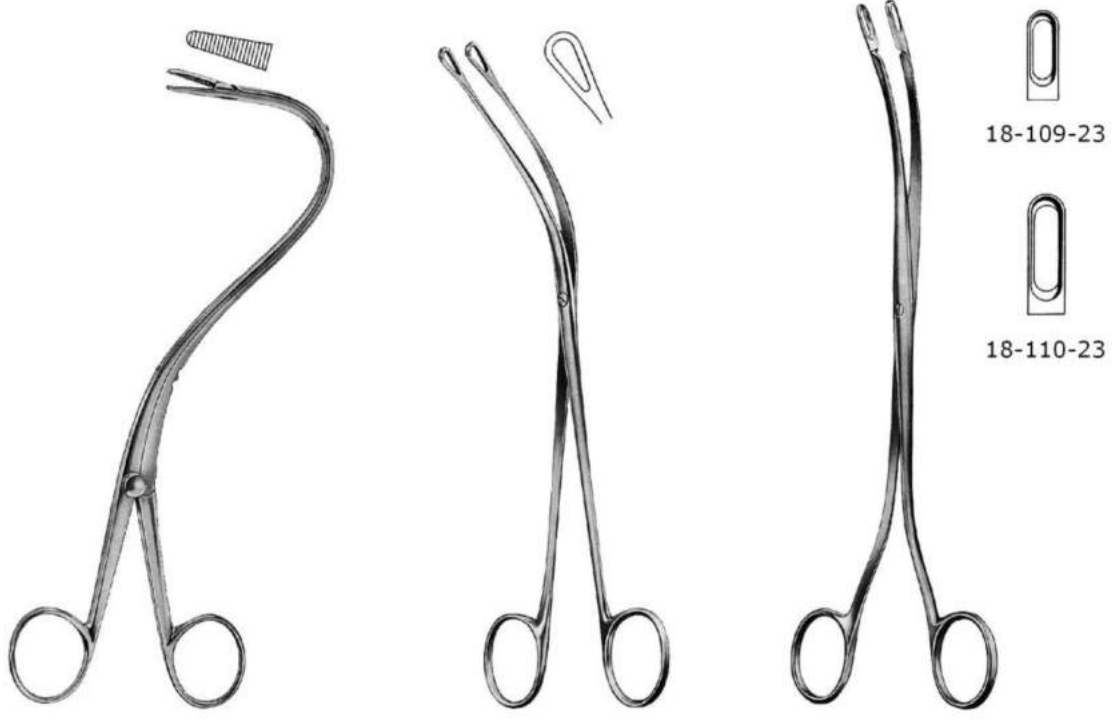


5  
18-105-19  
19 cm/ 7½"

6  
18-106-19  
19 cm/ 7½"



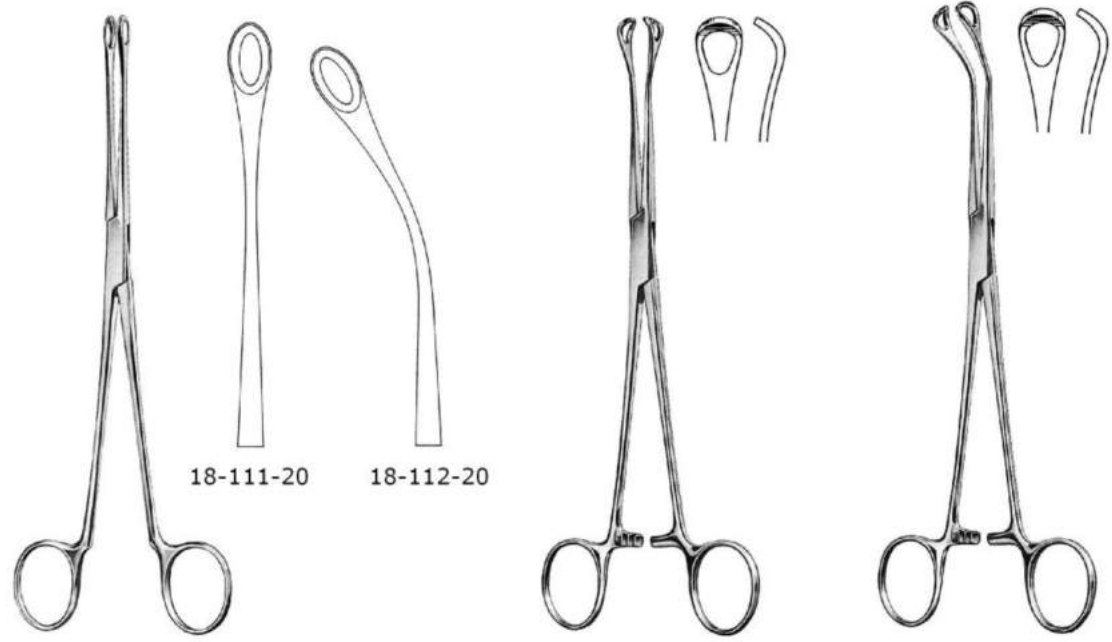
Gall Bladder, Kidney, Leber, Galle, Niere  
Gallensteinzangen  
Gall Stone Forceps



**Elsasser**  
18-107-20  
20 cm/ 8"

**Mixer**  
18-108-22  
22 cm/ 8 1/2"

**Desjardins**  
18-109-23 - 18-110-23  
23 cm/ 9"



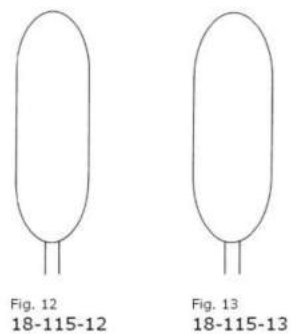
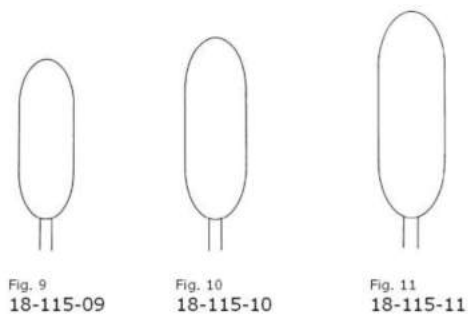
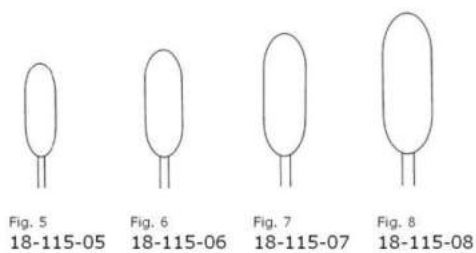
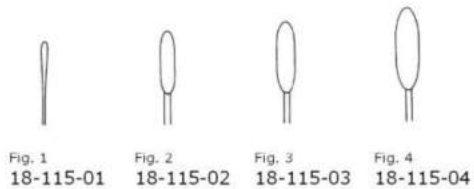
**Blake**  
18-111-20 - 18-112-20  
20 cm/ 8"

**Mayo-Blake**  
18-113-20  
20 cm/ 8"

**Mayo-Blake**  
18-114-20  
20 cm/ 8"



Liver, Gall Bladder, Kidney, Leber, Galle,  
Gallensteinsonden, Gallenkanal-Dilatoren  
Gall stone Probes, Gall Duct Dilators

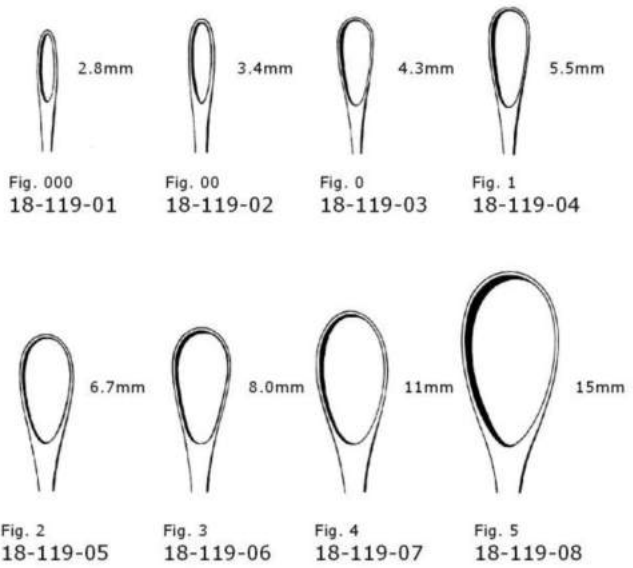


**Bakes**  
18-115-01 - 18-115-13  
32 cm/ 13"  
malleable shaft

**Desjardins**  
18-116-28 - 18-118-28  
28 cm/ 11"  
elastic



Gall Bladder, Kidney, Leber, Galle, Niere  
 Gallensteinlöffel  
 Gall Stone Scoops



Luer-Koerte  
 18-119-01 - 18-119-08  
 31 cm/ 12"  
 Malleable shaft

310

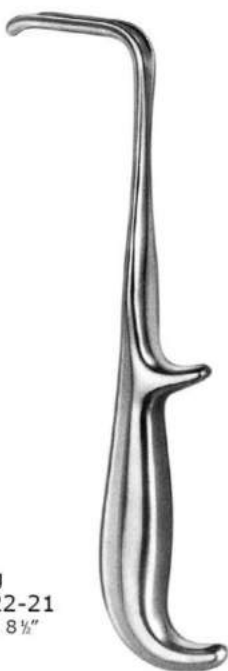
Urology, Urologie  
Prostatahaken  
Prostatic Retractors



Young  
18-120-22  
22 cm/ 8½"



Young  
18-121-21  
21 cm/ 8½"



Young  
18-122-21  
21 cm/ 8½"



Young  
18-123-21  
21 cm/ 8½"

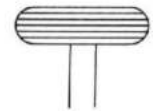
Urology, Urologie  
Instrumente für Prostata-Operationen  
Prostatectomy Instruments



Millin  
18-124-24  
24.5 cm/ 9 1/2"



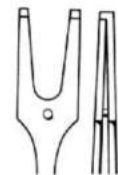
Atrauma  
18-125-23  
23 cm/ 9"



18-126-23  
23 cm/ 9"



18-127-23  
23 cm/ 9"



18-128-24  
24 cm/ 9 1/2"

Urology, Urologie  
Blasen-Wundspreizer  
Bladder Retractors



Millin  
18-129-00 Complete  
2 blades 57mmx25mm  
2 blades 82mmx25mm  
1 blade 120mmx45mm



Millin  
18-130-00



Urology. Urologie  
Blasen-Wundspreizer  
Bladder Retractors



Thomson-Walker  
18-131-00



Legueu  
18-132-26  
26 cm/ 10 $\frac{1}{4}$ "  
blade size  
90x35mm

Urology, Urologie  
Dilatationsbougies, Metall-Katheter  
Dilating Bougies, Metal Catheters



**Van Buren**  
**18-134-00**  
Charriere (French)  
No. 8-36



**Guyon**  
**18-135-00**  
Charriere (French)  
No. 10-30



**18-136-39**  
39 cm/ 15½"



**18-133-06**  
Charriere (French)  
15 cm/ 6"  
No: 6-16



**18-137-08 - 18-137-32**  
**Circumcision Clamp**

- 18-137-08 8mm, baby size
- 18-137-11 11mm, child size
- 18-137-13 13mm, child size
- 18-137-16 16mm, adult size
- 18-137-21 21mm, adult size
- 18-137-26 26mm, men's size
- 18-137-32 32mm, men's size

## GYNECOLOGY



**Tenaculum Forceps**

**Vaginal Specula & Retractors**

**Uterien Polypus Forceps**

**Uterine Elevating Forceps**

**Endospecula**

**Suction Biopsy Curettes**

**Uterien Curettes**

**Uterien Scoops**

**Scervical Biopsy & Specimen Forceps**

**Uterien Dilators**

**Vaginal Specula**

Gynecology - Gynäkologie  
Hakenzangen  
Tenaculum Forceps



Staude-Moore  
19-101-17  
17 cm/ 6 $\frac{1}{2}$ "

Pozzi  
19-102-25  
25 cm/ 10"

Duplay  
19-103-28  
28 cm/ 11"

Beacham  
19-104-26  
26 cm/ 10 $\frac{1}{2}$ "

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Gynecology - Gynäkologie  
Hakenzangen  
Tenaculum Forceps



Schroeder  
19-105-25  
25 cm/ 10"



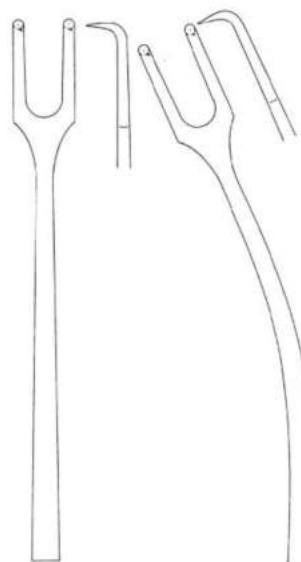
Braun  
19-106-25  
25 cm/ 10"



Skene  
19-107-24  
24 cm/ 9½"

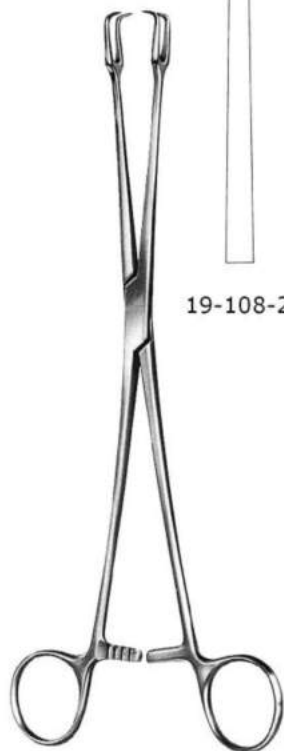


Gynecology - Gynäkologie  
Hakenzangen  
Tenaculum Forceps



19-108-25

19-109-25



Schroeder  
19-108-25 - 19-109-25  
25 cm/ 10"



Museux  
19-110-24 - 19-112-24  
24 cm/ 9½"



6mm  
19-110-24

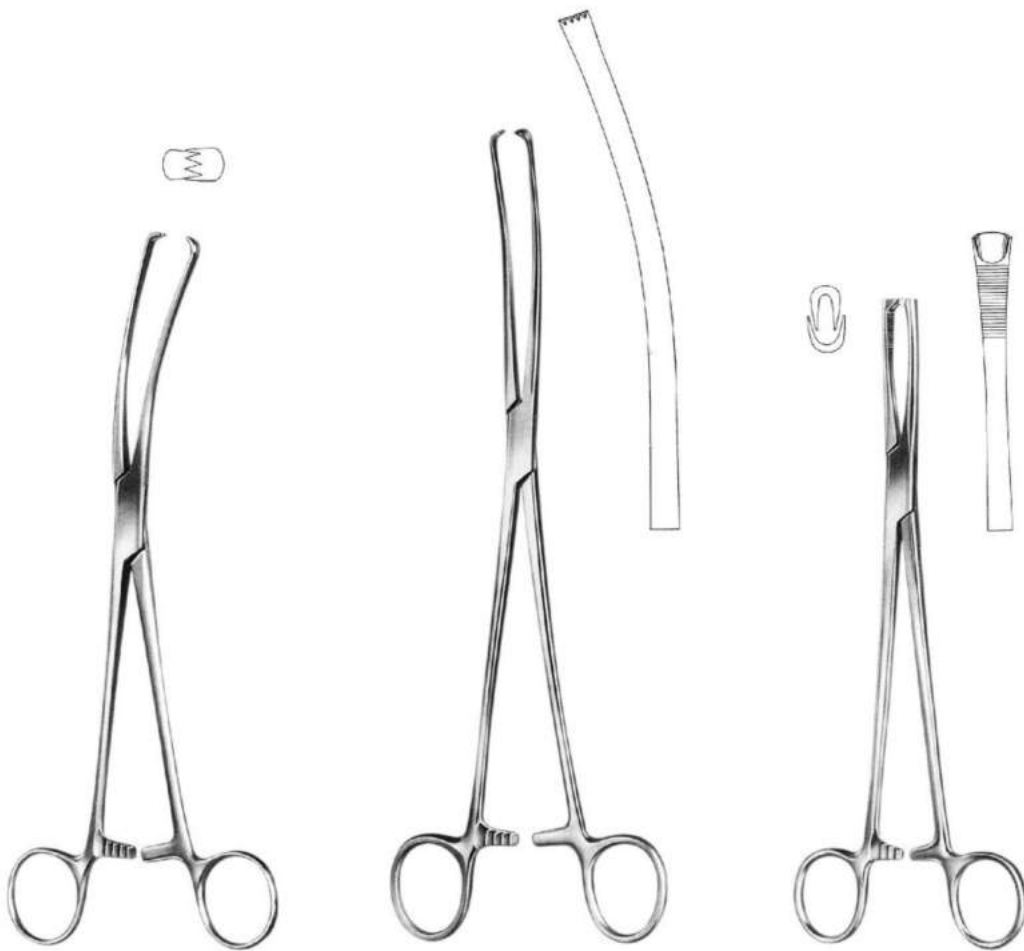


8mm  
19-111-24



10mm  
19-112-24

Gynecology - Gynäkologie  
Hakenzangen  
Tenaculum Forceps



**Teale**  
19-113-23  
23 cm/ 9"

**Iow**  
19-114-26  
26 cm/ 10 1/4"

**Jacobs**  
19-115-21  
21.5 cm/ 8 1/2"

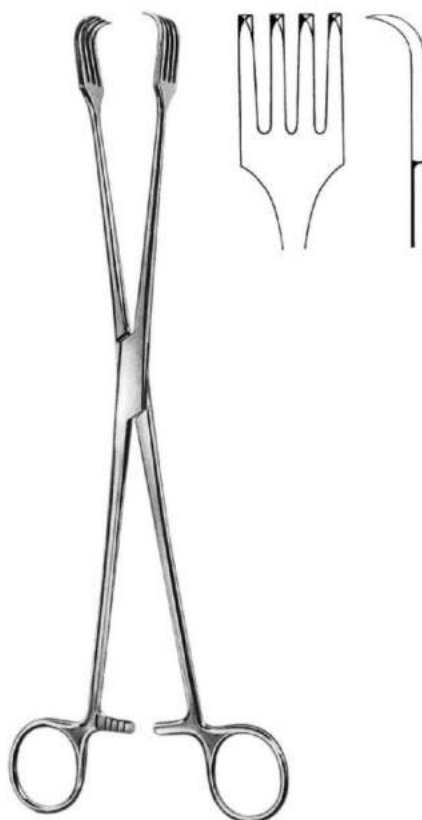
Gynecology - Gynäkologie  
Hakenzangen  
Tenaculum Forceps



Braun  
19-116-15  
15 cm/ 6"



Czerny  
19-117-20  
20 cm/ 8"



19-118-26  
26 cm/ 10 1/4"



Gynecology - Gynäkologie  
Uterus-Polypenzangen  
Uterine Polypus Forceps



Doyen  
19-119-20  
20 cm/ 8"



Noto  
19-120-27  
28 cm/ 11"



Kelly  
19-121-32  
32 cm/ 12½"



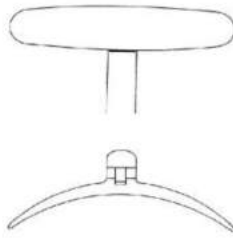




Gynecology - Gynäkologie  
Uterus-Faßzangen  
Uterine Elevating Forceps



Somer  
19-122-23  
23.5 cm/ 9 1/4"



Collin  
19-123-26  
26 cm/ 10 1/4"



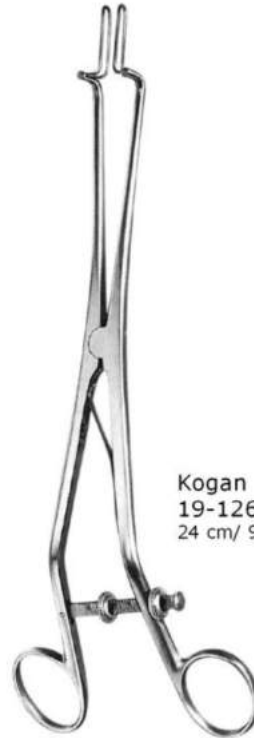
Dartigues  
19-124-25  
25 cm/ 10"



Gynecology - Gynäkologie  
Endospekula  
Endospecula



Kogan  
19-125-24  
24 cm / 9½"



Kogan  
19-126-24  
24 cm / 9½"



Myoma Instruments

Doyen  
19-127-17  
17 cm / 6¾"



Doyen  
19-128-17  
17 cm / 6¾"



Segond  
19-129-27  
27 cm / 10½"

Gynecology - Gynäkologie  
Saug- und Biopsieküretten  
Suction Biopsy Curettes



Novak  
19-132-24  
24 cm/ 9½"  
4mmφ



Simon  
19-130-22  
22 cm/ 8½"



Kevorkian  
19-133-30  
30 cm/ 12"



Ayre  
19-131-23  
23 cm/ 9"



Mod. Muenchen  
19-134-27  
27 cm/ 10½"



Gynecology - Gynäkologie  
 Uterusküretten  
 Uterine Curettes



Sims  
 19-135-05 - 19-135-40  
 26 cm/ 10½"  
 Recamier  
 19-136-05 - 19-136-40  
 31 cm/ 12"  
 Rigid, Sharp



Sims  
 19-137-05 - 19-137-40  
 26 cm/ 10½"  
 Recamier  
 19-138-05 - 19-138-40  
 31 cm/ 12"  
 Malleable, Sharp



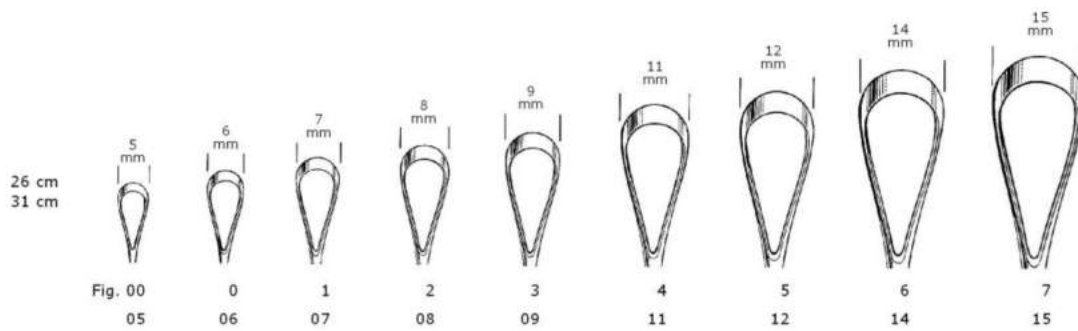
Sims  
 19-139-05 - 19-139-40  
 26 cm/ 10½"  
 Recamier  
 19-140-05 - 19-140-40  
 31 cm/ 12"  
 Rigid, Blunt



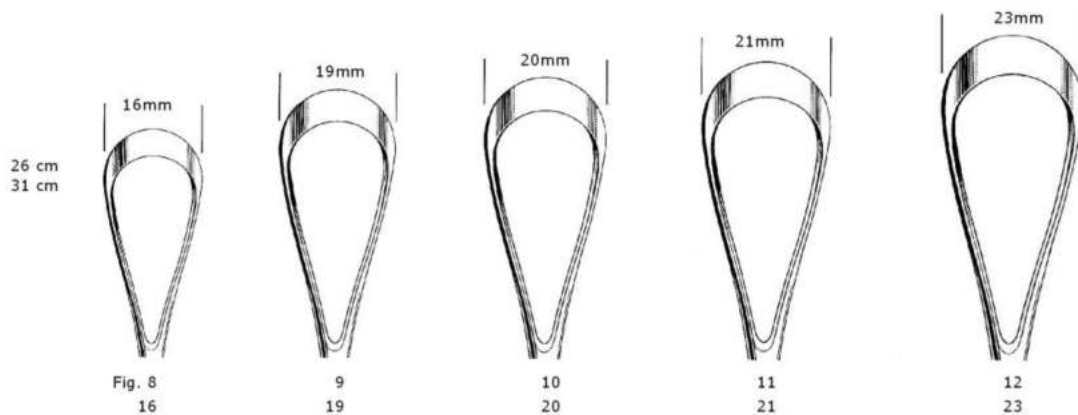
Sims  
 19-141-05 - 19-141-40  
 26 cm/ 10½"  
 Recamier  
 19-142-05 - 19-142-40  
 31 cm/ 12"  
 Malleable, Blunt



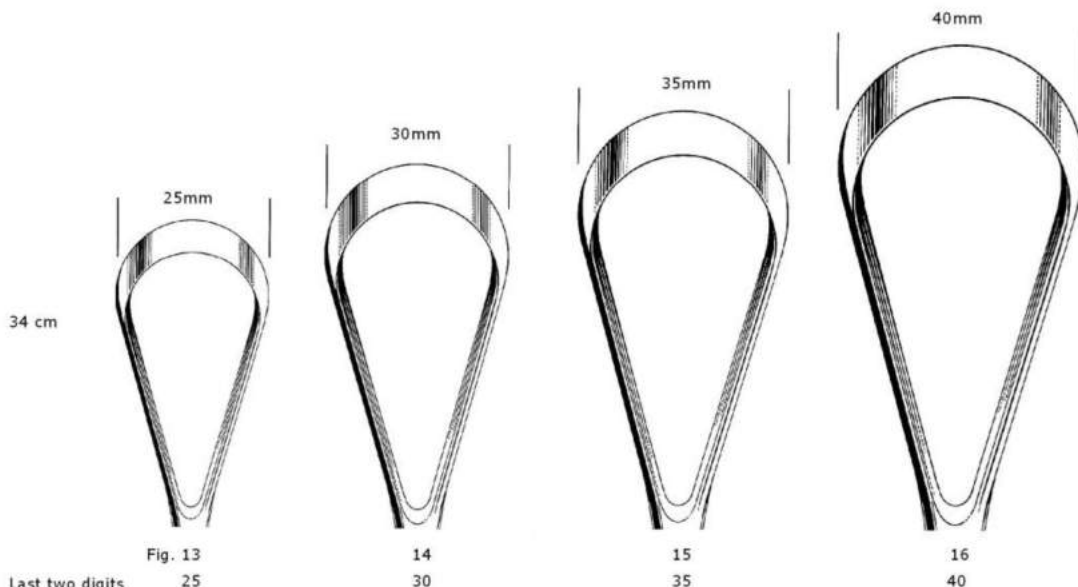
Gynecology - Gynäkologie  
Uterusküretten  
Uterine Curettes



Last two digits



Last two digits



Last two digits

Recamier- Sims





Gynecology - Gynäkologie  
 Uteruslöffel  
 Uterine Scoops



19-143-01



19-143-02



19-143-03



19-143-04



19-143-05



19-143-06



Simon  
 19-143-01 - 19-143-06  
 24 cm / 9½"  
 sharp, rigid



19-144-01



19-144-02



19-144-03



19-144-04



19-144-05



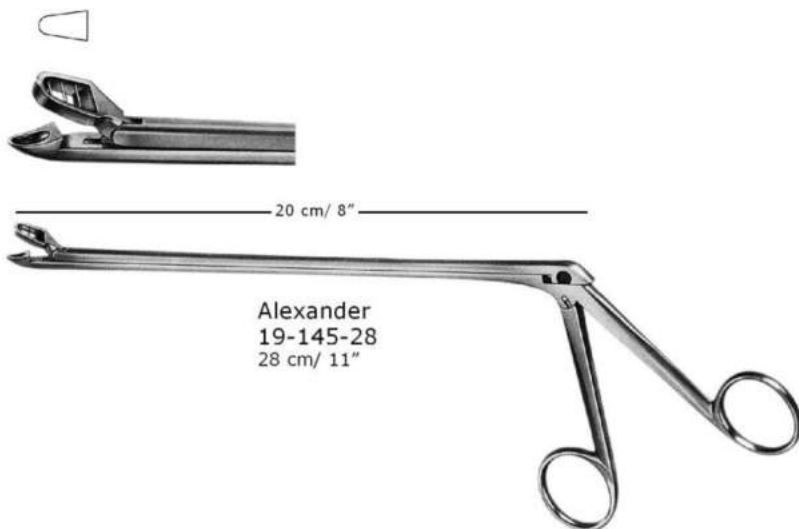
19-144-06



Schroeder  
 19-144-01 - 19-144-06  
 31 cm / 12¼"  
 sharp, rigid



Gynecology - Gynäkologie  
 Probeexzisionszangen  
 Cervical Biopsy and Specimen Forceps



Alexander  
 19-145-28  
 28 cm / 11"



Schubert  
 19-146-21 21 cm / 8 1/4"  
 19-146-29 29 cm / 11 1/2"



Gellhorn  
 19-147-23  
 23 cm / 9"



Faure  
 19-148-21  
 21 cm / 8 1/4"



Gynecology - Gynäkologie  
 Probeexzisionszangen  
 Cervical Biopsy and Specimen Forceps



Van Doren  
 19-149-25  
 25 cm/ 10"



Van Doren  
 19-150-24  
 24 cm/ 9½"



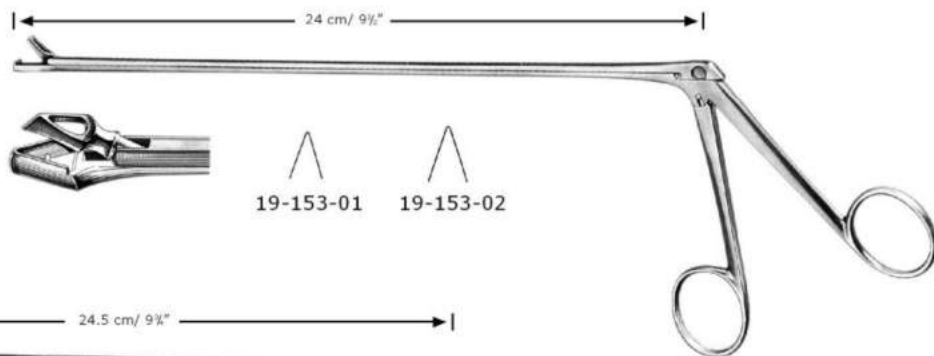
Schubert  
 19-151-26  
 26 cm/ 10¼"



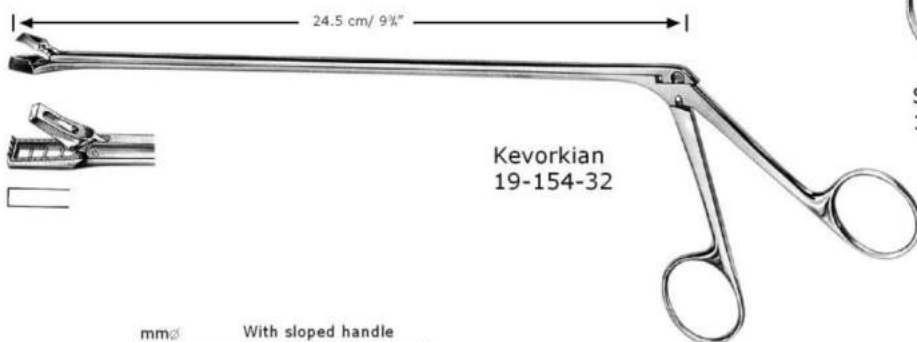
Thoms-Gaylor  
 19-152-22 22 cm/ 8½"  
 19-152-24 24 cm/ 9½"



Gynecology - Gynäkologie  
 Probeexzisionszangen  
 Cervical Biopsy and Specimen Forceps



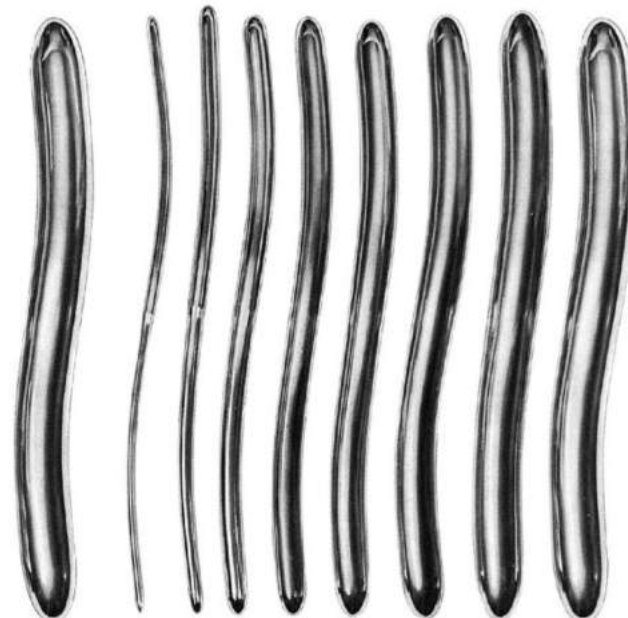
Schumacher  
 19-153-01 - 19-153-02



Kevorkian  
 19-154-32

mm∅	With sloped handle
1.0	19-155-01
1.5	19-156-01
2.0	19-155-02
2.5	19-156-02
3.0	19-155-03
3.5	19-156-03
4.0	19-155-04
4.5	19-156-04
5.0	19-155-05
5.5	19-156-05
6.0	19-155-06
6.5	19-156-06
7.0	19-155-07
7.5	19-156-07
8.0	19-155-08
8.5	19-156-08
9.0	19-155-09
9.5	19-156-09
10.0	19-155-10
10.5	19-156-10
11.0	19-155-11
11.5	19-156-11
12.0	19-155-12
12.5	19-156-12
13.0	19-155-13
13.5	19-156-13
14.0	19-155-14
14.5	19-156-14
15.0	19-155-15
15.5	19-156-15
16.0	19-155-16
16.5	19-156-16
17.0	19-155-17
17.5	19-156-17
18.0	19-155-18
18.5	
19.0	19-155-19
19.5	
20.0	19-155-20
21.0	19-155-21
22.0	19-155-22
23.0	19-155-23
24.0	19-155-24
25.0	19-155-25
26.0	19-155-26

With Artificial  
 Leather Pouch  
 19-155-00  
 Set of 26



19-157-00  
 Uterine Dilators  
 Set of 8  
 In Artificial  
 Leather Pouch

mm∅	
3.0/4.0	19-157-04
5.0/6.0	19-157-06
7.0/8.0	19-157-08
9.0/10.0	19-157-10
11.0/12.0	19-157-12
13.0/14.0	19-157-14
15.0/16.0	19-157-16
17.0/18.0	19-157-18

19-156-00  
 Set of 17





Gynecology - Gynäkologie  
 Uterus-Dilatatoren  
 Uterine Dilators

**Hank**

- Fig. 9/10 19-158-10 4.5/5 mm
- Fig. 11/12 19-158-12 5.5/6 mm
- Fig. 13/14 19-158-14 6.5/7 mm
- Fig. 15/16 19-158-16 7.5/8 mm
- Fig. 17/18 19-158-18 8.5/9 mm
- Fig. 19/20 19-158-20 9.5/10 mm

**Uterine Sounds**



**Hank**  
 19-159-00  
 Set of 6  
 In Artificial leather  
 pouch



**Braun**  
 19-160-27  
 27 cm/ 10 3/4"



**Valleix**  
 19-161-25  
 25 cm/ 10"



**Sims**  
 19-162-32  
 32 cm/ 12 1/2"  
 Malleable



**Martin**  
 19-163-30  
 30 cm/ 12"  
 Malleable





Gynecology - Gynäkologie  
Scheidenspekula  
Vaginal Specula



Cusco  
19-164-01 75x32mm  
19-164-02 85x35mm  
19-164-03 100x37mm  
Centre Screw



Cusco  
19-165-01 90x22mm  
19-165-02 100x25mm  
19-165-03 105x27mm  
Side Screw



Cusco  
19-166-01  
75x17mm  
Swiss Pattern



Cusco  
19-167-01 75x32mm  
19-167-02 85x35 mm  
19-167-03 100x35 mm  
Side Screw



Gynecology - Gynäkologie  
Scheidenspekula  
Vaginal Specula



Winterton  
19-168-00



Semm  
19-169-01 100x17/20mm  
19-169-02 100x25/30mm



Collin  
19-170-01 85x30mm  
19-170-02 100x35mm  
19-170-03 110x40mm

Pederson  
19-171-01 75x13mm  
19-171-02 100x22mm  
19-171-03 120x25mm

Grave  
19-172-01 75x20mm  
19-172-02 95x35mm  
19-172-03 115x35mm



Gynecology - Gynäkologie  
Scheidenspekula  
Vaginal Specula



**Kristeller**  
Set of 1 Speculum and  
1 Retractor each  
Fig. 1 19-173-01  
Fig. 2 19-173-02  
Fig. 3 19-173-03



**Kristeller**  
Retractors  
Fig. 1 19-174-01 75x23mm  
Fig. 2 19-174-02 85x26mm  
Fig. 3 19-174-03 100x32mm



**Kristeller**  
Specula  
Fig. 1 19-175-01 70x27mm  
Fig. 2 19-175-02 80x30mm  
Fig. 3 19-175-03 90x36mm



**Kristeller**  
Set of 1 Speculum and  
1 Retractor each  
19-176-01  
19-176-02



**Kristeller**  
Retractors  
19-177-01 110x14mm  
19-177-02 110x17mm



**Kristeller**  
Specula  
19-178-01 105x18mm  
19-178-02 105x21mm

Gynecology - Gynäkologie  
Scheidenspekula und-halter  
Vaginal Specula and Retractors



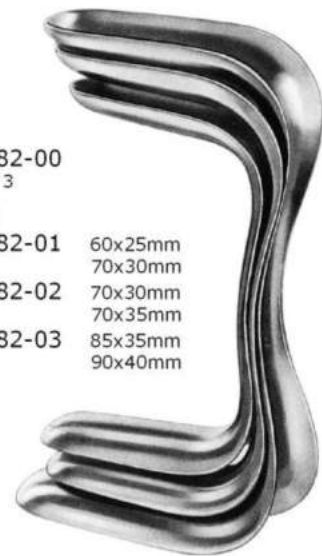
**Kristeller**  
Set of 1 Speculum and  
1 Retractor each  
Fig. 1 19-179-01  
Fig. 2 19-179-02  
Fig. 3 19-179-03



**Kristeller**  
Retractors  
Fig. 1 19-180-01 115x22mm  
Fig. 2 19-180-02 115x24mm  
Fig. 3 19-180-03 115x29mm



**Specula**  
Fig. 1 19-181-01 105x26mm  
Fig. 2 19-181-02 105x28mm  
Fig. 3 19-181-03 105x33mm



**19-182-00**  
Set of 3  
**Sims**  
19-182-01 60x25mm  
70x30mm  
19-182-02 70x30mm  
70x35mm  
19-182-03 85x35mm  
90x40mm



Gynecology, Gynäkologie  
Scheidenspekula und-halter  
Vaginal Specula and Retractors



Vaginal Retractors

- 19-183-01 100x11mm  
100x20mm
- 19-183-02 100x14mm  
100x26mm

21 cm/ 8 1/4"



Mathieu  
Vaginal Specula

- 19-184-01 95x16mm  
95x26mm
- 19-184-02 95x16mm  
95x30mm

21 cm/ 8 1/4"



Vaginal Retractors

- 19-185-01 70x33mm
- 19-185-02 90x33mm

17 cm/ 6 3/4"



Kallmorgen  
Vaginal Specula

- 19-187-01 70x40mm
- 19-187-02 90x40mm

17 cm/ 6 3/4"

set of 1 specula and 1 retractor each  
19-186-01  
19-186-02



Gynecology, Gynäkologie  
Scheidenspekula  
Vaginal Specula

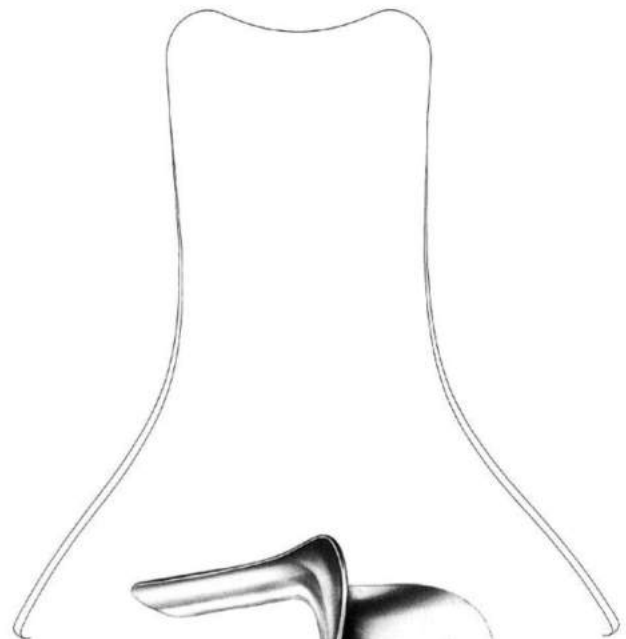
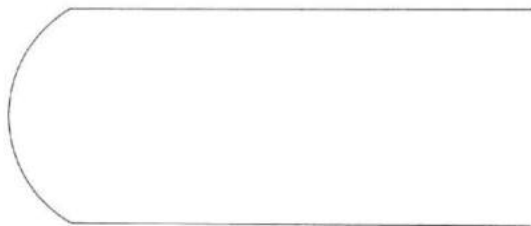
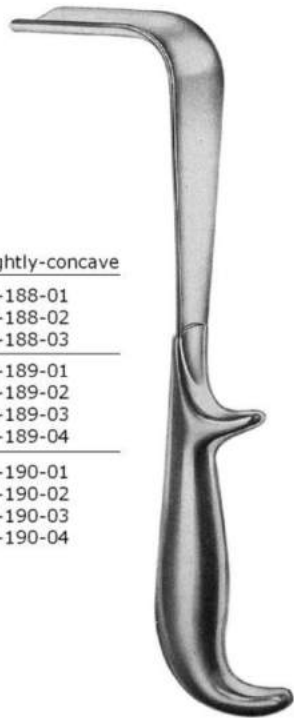


Fig.	a mm	b mm	slightly-concave
1	55	35	19-188-01
2	58	35	19-188-02
3	115	35	19-188-03
1	55	45	19-189-01
2	85	45	19-189-02
3	115	45	19-189-03
4	160	45	19-189-04
1	55	60	19-190-01
2	85	60	19-190-02
3	115	60	19-190-03
4	160	60	19-190-04



Doyen  
18-188-01 - 18-190-04  
23.5 cm/ 9 1/4"



Auvard  
19-191-22

-complete, with removable weight

Gynecology - Gynäkologie  
Scheidenspekula und-halter  
Vaginal Specula and Retractors



O'Sullivan-O'Connor  
19-195-00



**Breisky**  
19-192-20 - 19-193-40

19-192-20	100x20mm
19-192-25	100x25mm
19-192-30	100x30mm
19-192-35	100x35mm
19-192-40	100x40mm
19-193-20	130x20mm
19-193-25	130x25mm
19-193-30	130x30mm
19-193-35	130x35mm
19-193-40	130x40mm

**Doyen**  
19-194-24  
24 cm/ 9 1/2"

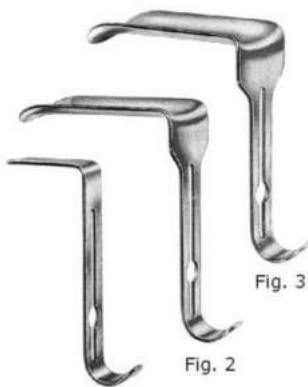


Fig. 1

Fig. 2

Fig. 3

Fig. 1 45x17mm  
Fig. 2 90x37mm  
Fig. 3 90x45mm

19-195-00 - Vaginal Speculum, Complete  
self-retaining, with adjustable frame,  
Loktite ratchet, 2 mobile lateral blades  
and 3 interchangeable blades fig. 1-3

## OBSTETRICS



Pelvimeters, Obstetrical (Midwifery) Forceps

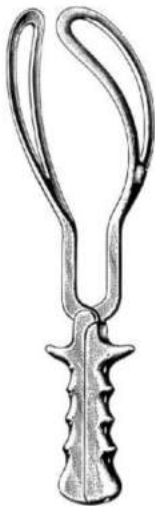
Scalp Flap Forceps, Elevating Spoon, Etc

Ovum Curettes, Abortion Scoops

Obstetrics - Geburtshilfe  
 Beckenzirkel, Geburtszangen  
 Pelvimeters, Obstetrical (Midwifery) Forceps



Simpson  
 20-101-30  
 30 cm/ 12"



Simpson-Braun  
 20-102-30 30 cm/ 12"  
 20-102-36 36 cm/ 14"



Sellheim  
 20-103-28  
 28 cm/ 11"



Kielland  
 20-104-41  
 41 cm/ 16"



Naegele  
 20-105-36 36 cm/ 14"  
 20-105-40 40 cm/ 16"

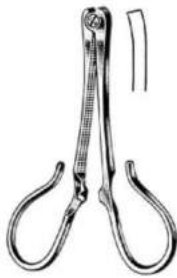


20-106-34  
 34 cm/ 13 1/2"  
 cm/ inch scale





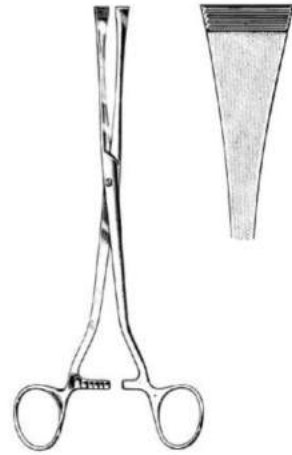
Obstetrics - Geburtshilfe  
Kopfschwartenzangen, Geburtslöffel usw.  
Scalp Flap Forceps, Elevating Spoon, etc.



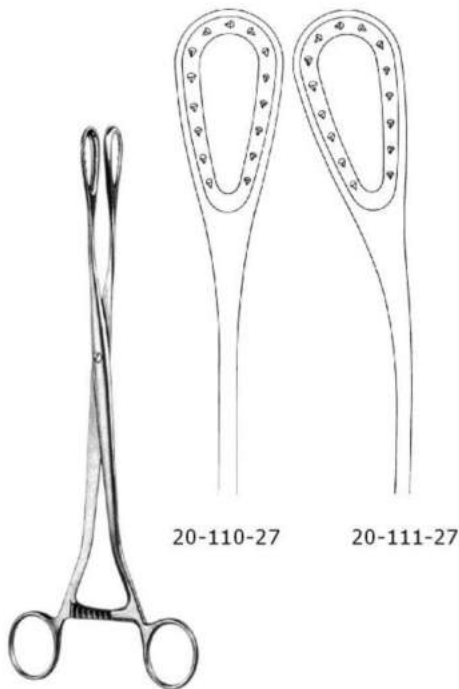
Kane  
20-107-08  
8.5 cm/ 3 1/2"



Collin  
20-108-09  
9 cm/ 3 1/2"

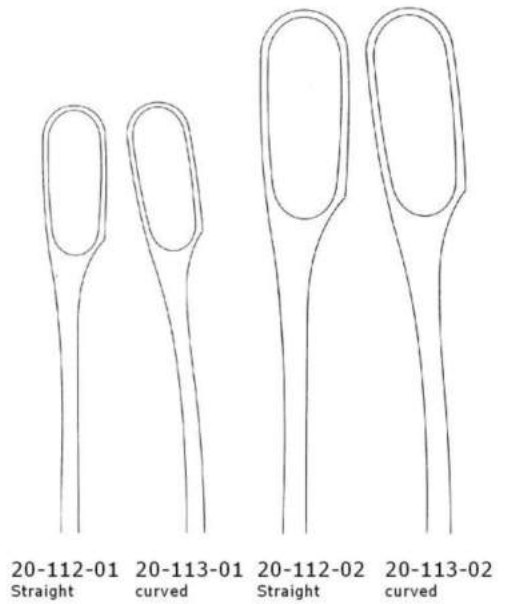


Green-Armytage  
20-109-21  
21 cm/ 8 1/4"



Saenger  
20-110-27 - 20-111-27  
27 cm/ 10 1/2"

Winter  
20-112-01 - 20-113-02  
29 cm/ 11 1/2"

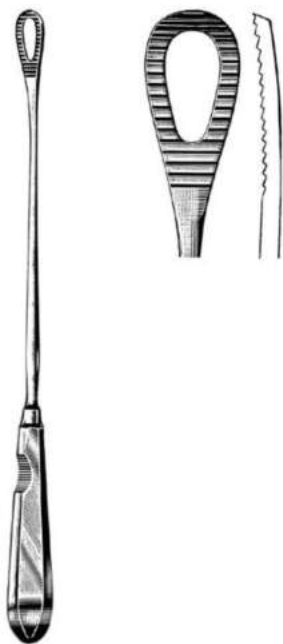


20-112-01 Straight  
20-113-01 curved  
20-112-02 Straight  
20-113-02 curved





Obstetrics, Geburtshilfe  
 Abortusküretten und -löffel  
 Ovum Curettes, Abortion Scoops



Pestalozza  
 20-114-01  
 30 cm/ 12"



Cuzzi  
 20-115-01 - 20-115-03  
 30 cm/ 12"



20-115-01



20-115-02



20-115-03

## OTOLOGY



Tuning Forks

Ear Spatula

Ear Dressing Forceps

Ear Polypus Forceps

Micro Ear Forceps

Micro Ear Scissors

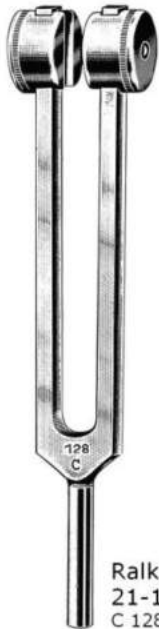
Crettes

Loops, Foreign Body Instruments, Hooks

Ear Syringes, Ear Polypus Forceps

Paracentesis Needles-Needles Knives

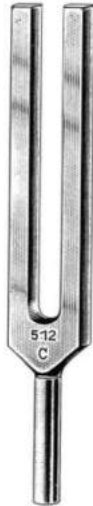
Otology, Otologie  
Stimmgabeln  
Tuning Forks



Ralks  
21-101-10  
C 128



Ralks  
21-102-11  
C 256



Ralks  
21-103-12  
C 512



Ralks  
21-104-13  
C 1024



Ralks  
21-105-14  
C 2048



Lucae  
21-106-10  
C 128



Lucae  
21-107-11  
C 256



Lucae  
21-108-12  
C 512



Lucae  
21-109-13  
C 1024



Lucae  
21-110-14  
C 2048



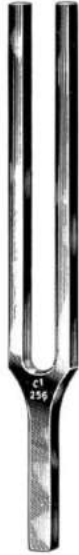
Lucae  
21-111-15  
C 4096



Otology, Otologie  
Stimmgabeln  
Tuning Forks



Hartmann  
21-112-10  
C 128



Hartmann  
21-113-11  
C 256



Hartmann  
21-114-12  
C 512



Hartmann  
21-115-13  
C 1024



Hartmann  
21-116-14  
C 2048



Hartmann  
21-117-15  
C 4096

Eustachian Catheters, Ear Polypus Snares



Hartmann  
21-118-00 - 21-118-03

- 21-118-00
- 21-118-02
- 21-118-03



Krause  
21-119-16



Krause-Voss  
21-120-16



Otology - Otologie  
Ohrspekula  
Ear Specula

mmØ  
= 3  
21-121-01

= 4.0  
21-121-02

= 5.0  
21-121-03



Hartmann  
for Children

21-121-01 - 21-121-03

Set of 3

mmØ  
= 4.0  
21-122-11

= 5.0  
21-122-12

= 6.0  
21-122-13

= 7.5  
21-122-14



Hartmann  
for adults

21-122-11  
21-122-14

mmØ  
= 4.0  
21-123-11

= 5.0  
21-123-12

= 6.0  
21-123-13

= 7.5  
21-123-14



Toynbee  
for adults

21-123-11  
21-123-14

4.5mm  
21-124-01

5.5mm  
21-124-02

6.5mm  
21-124-03

7.5mm  
21-124-04



Gruber  
21-124-01  
21-124-04



Farrior  
21-125-01  
21-125-07  
black

5.5mm  
21-125-01

6.5mm  
21-125-02

7.5mm  
21-125-03

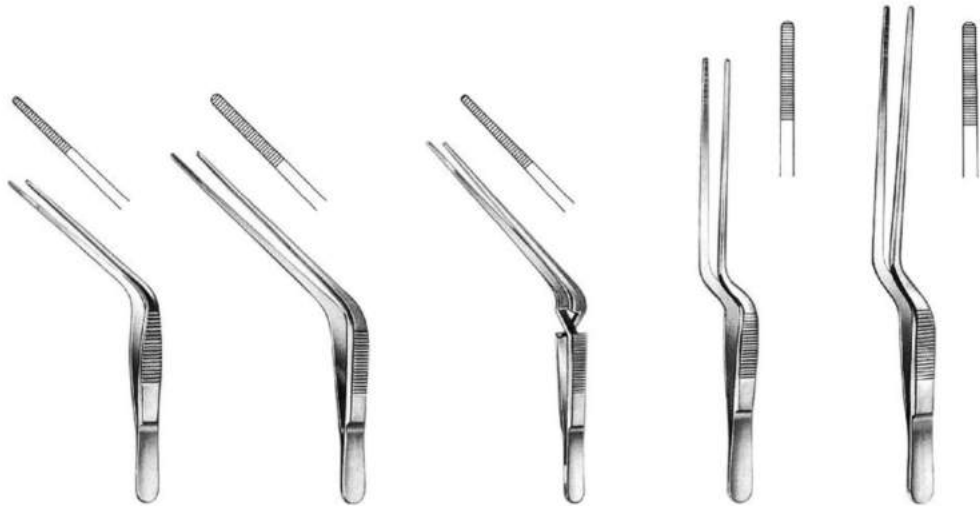
8.5mm  
21-125-04

9.5mm  
21-125-05

10.5mm  
21-125-06

11.5mm  
21-125-07

Otology - Otologie  
Ohrpinzetten  
Ear Dressing Forceps



Troeltsch  
21-126-11  
11 cm/ 4 1/2"

Troeltsch  
21-127-12  
12 cm/ 4 3/4"

Troeltsch  
21-128-13  
13 cm/ 5"

Lucae  
21-129-14  
14 cm/ 5 1/2"

Jansen  
21-130-16 16 cm/ 6 1/4"  
21-130-20 20 cm/ 8"

Punches

☐ 21-131-02 2mm  
☐ 21-131-03 3mm

☐ 2mm

☐ 1mm



Citelli  
21-131-02 - 21-131-03  
17 cm/ 6 3/4"

Beyer  
21-132-19  
19 cm/ 7 1/2"

Beyer  
21-133-14

Otology - Otologie  
Ohr-Polypenzangen  
Ear Polypus Forceps



Hartmann-  
Wullstein  
21-134-08  
8.5 cm/ 3½"



Hartmann-  
Wullstein  
21-135-08  
8.5 cm/ 3½"



Hartmann  
21-136-08 8.5 cm/ 3½"  
21-136-14 14 cm/ 5½"  
21-136-16 16.5 cm/ 6½"



Hartmann  
21-137-08 8.5 cm/ 3½"



Hartmann-  
Noyes  
21-138-09  
9 cm/ 3½"



Hartmann-  
Noyes  
21-139-09  
9 cm/ 3½"



Hartmann-  
Weingartner  
21-140-08  
8.5 cm/ 3½"



Hartmann  
21-141-08  
8.5 cm/ 3½"



Hartmann  
21-142-01 2mm ø  
21-142-02 2.5mm ø  
21-142-03 3mm ø  
8.5 cm/ 3½"



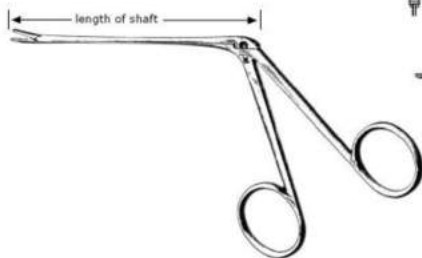
Hartmann  
21-143-08 3mm ø  
8.5 cm/ 3½"



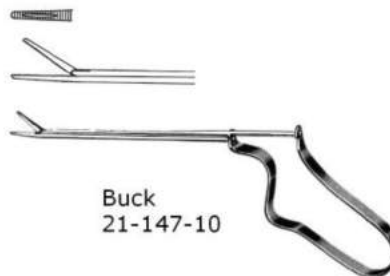
Struempel  
21-144-08  
8.5 cm/ 3½"



Hartmann  
21-145-08  
8.5 cm/ 3½"



21-134-08 - 21-145-08



Otology - Otologie  
Mikro-Ohrzängchen  
Micro Ear Forceps

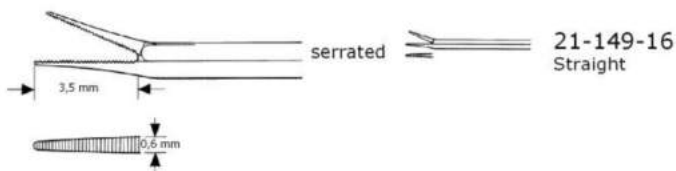
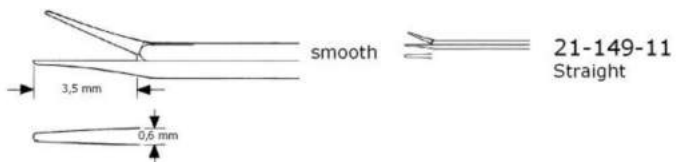
		smooth		21-148-01 Straight
		serrated		21-148-02 Straight
21-148-01 - 21-148-05				21-148-03 curved up
				21-148-04 right
				21-148-05 left
		serrated		21-148-06 4.0x0.6mm Straight
				21-148-07 3.0x0.6mm curved up
				21-148-08 3.0x0.6mm right
21-148-06 - 21-148-09				21-148-09 3.0x0.6mm left



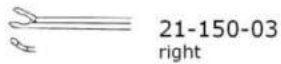
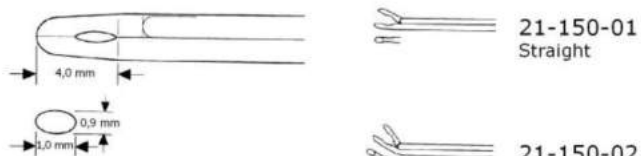
Otology, Otologie  
Mikro-Ohrzangchen  
Micro Ear Forceps



Mini McGee Alligator  
21-149-11 - 21-149-16



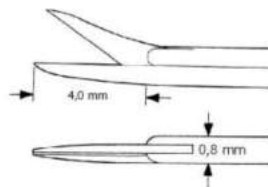
21-150-01 - 21-150-04



Otology, Otologie  
Mikro-Ohrscheren  
Micro Ear Scissors



**Bellucci**  
21-151-01 - 21-151-04  
8 cm/ 3 1/4"

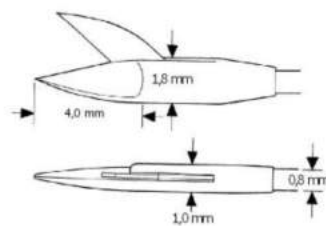


21-151-01  
Straight

21-151-02  
Curved up

21-151-03  
right

21-151-04  
left



21-151-05  
Straight

21-151-06  
Curved up

21-151-07  
right

21-151-08  
left



**Wullstein**  
21-151-05 - 21-151-08

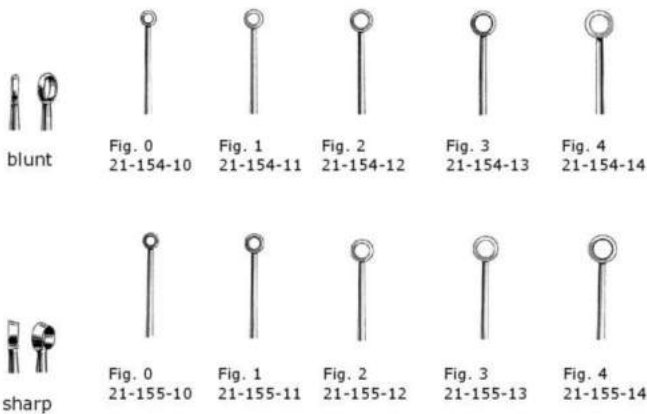
Otology, Otologie  
Küretten  
Curettes



**Jansen**  
21-153-15  
15 cm/ 6"  
sharp



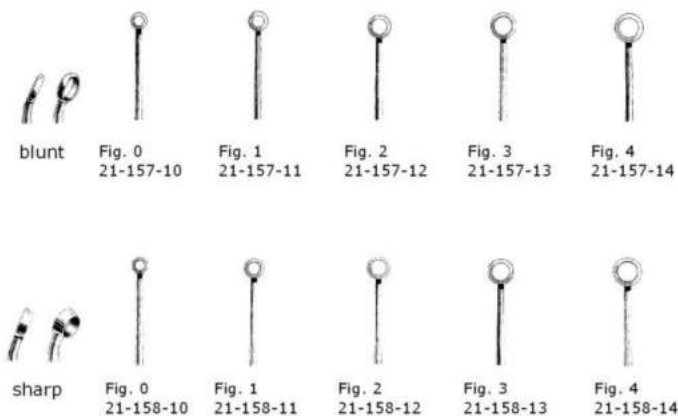
**Buck**  
21-154-10 - 21-155-14  
16.5 cm/ 6½"



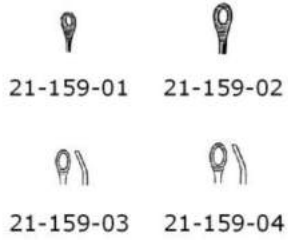
**Barth**  
21-156-18  
18 cm/ 7¼"  
sharp



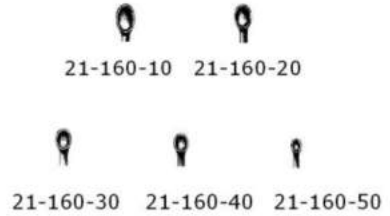
**Buck**  
21-157-10 - 21-158-14  
16.5 cm/ 6½"



Otology, Otologie  
Küretten  
Curettes



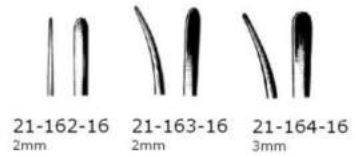
**Shapleigh**  
21-159-01 - 21-159-04  
13 cm/ 5 1/4"



**Lempert**  
21-160-10 - 21-160-50  
18 cm/ 7"



**Langenbeck**  
21-161-13  
13 cm/ 5 1/4"



**Lempert**  
21-162-16 - 21-164-16  
16.5 cm/ 6 1/2"



Otology, Otologie  
Schlingen, Fremdkörperinstrumente, Haken  
Loops, Foreign Body Instruments, Hooks



Gross  
21-165-12  
12 cm/ 4 1/2"  
blunt



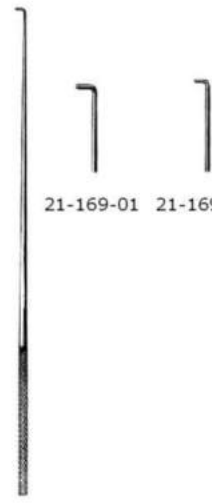
21-166-16  
16 cm/ 6 1/4"



Billeau  
21-167-16  
16.5 cm/ 6 1/2"



Lucae  
21-168-14  
14 cm/ 5 1/2"



21-169-01 21-169-02

Day  
21-169-01 - 21-169-02  
16 cm/ 6 1/2"



Moldenhauer  
21-170-16  
16.5 cm/ 6 1/2"



Zaufal  
21-171-16  
16.5 cm/ 6 1/2"



Hartmann  
21-172-16  
16.5 cm/ 6 1/2"



Wagener  
21-173-14  
14 cm/ 5 1/2"

Otology, Otologie  
 Ohrspritzen, Polypenzängchen  
 Ear Syringes, Ear Polypus Forceps



21-174-00 50 ml  
 21-174-03 75 ml  
 21-174-04 100 ml  
 Ear Syringe, complete



Littauer  
 21-175-12  
 12 cm/ 4 1/2"

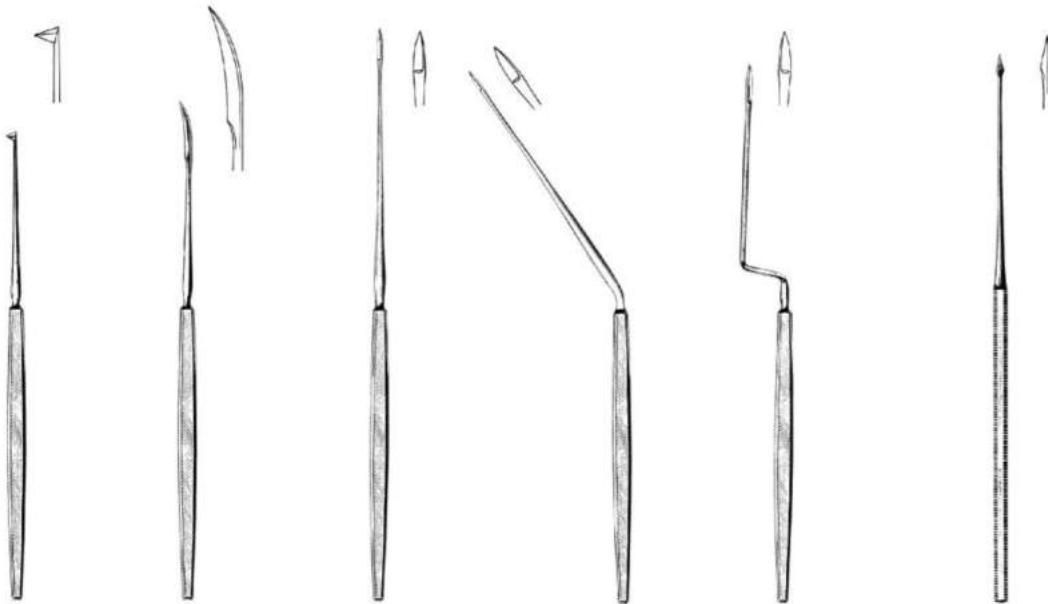


Hartmann  
 21-176-12  
 12 cm/ 4 1/2"  
 fine pattern



Hartmann  
 21-177-14  
 14 cm/ 5 1/2"  
 standard pattern

Otologie, Otologie  
 Parazentesenadeln-Messer  
 Paracentesis Needles-Knives



Politzer  
 21-178-16  
 16.5 cm/ 6½"

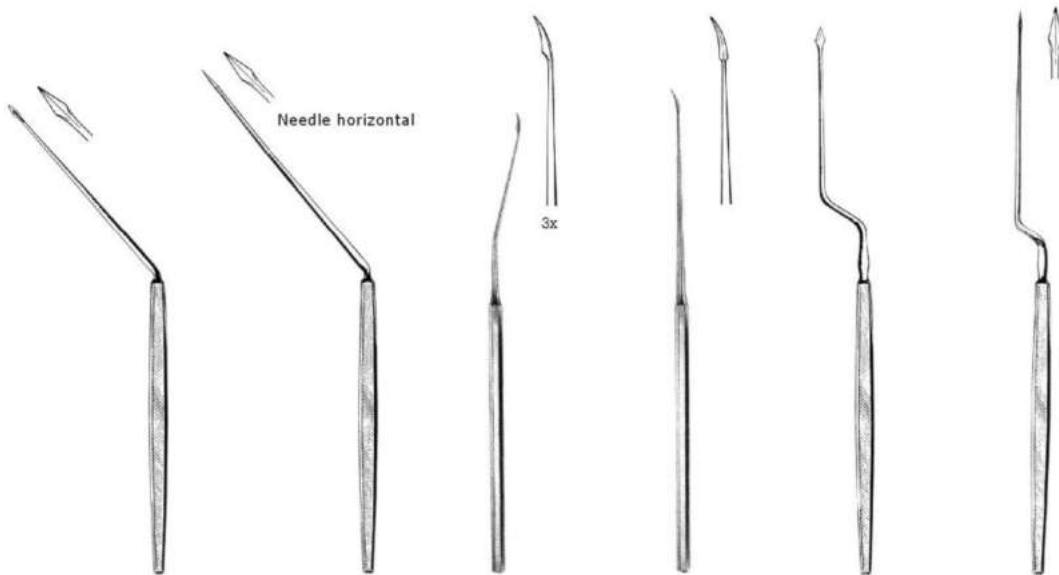
Buck  
 21-179-15  
 15 cm/ 6"

Sexton  
 21-180-18  
 18 cm/ 7"

Sexton  
 21-181-17  
 17 cm/ 6¾"

Gerzog-Sexton  
 21-182-17  
 17 cm/ 6¾"

Politzer  
 21-183-16  
 16.5 cm/ 6½"



Politzer  
 21-184-16  
 16.5 cm/ 6½"

Politzer  
 21-185-16  
 16.5 cm/ 6½"

Schuknecht  
 21-186-06

Wullstein  
 21-187-11

Lucae  
 21-188-18  
 18 cm/ 7"

Lucae  
 21-189-18  
 18 cm/ 7"

## RHINOLOGY



**Nasal Spatula**

**Rhinoplastic Instruments etc**

**Nasal Snares**

**Tampon Forceps, Nasal Polypus Forceps**

**Nasal & Polypus & Septum Compression Forceps**

**Nasal Cutting Forceps**

**Septum Scissors & Septum Forceps**

**Sphenoid Punches, Antrum Punch Forceps**

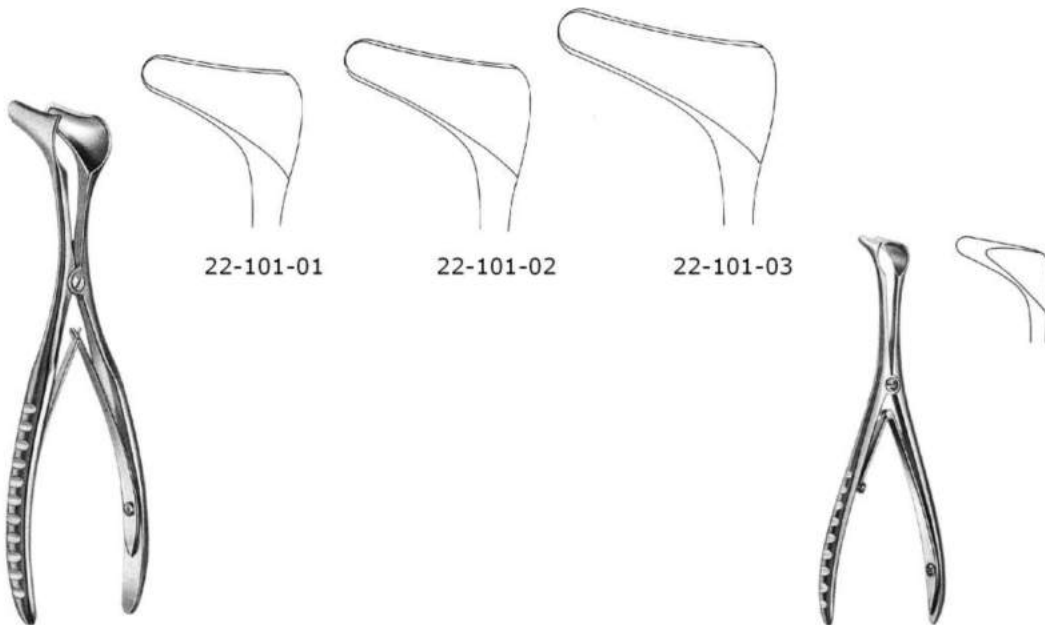
**Sphenoid Punches & Rongeur Forceps**

**Septum Knives**

**Septum & Periosteal Elevators**



Rhinology, Rhinologie  
Nasenspekula  
Nasal Specula



Hartmann-Halle  
22-101-01 - 22-101-03  
15 cm/ 6"

Tieck-Halle  
22-102-13  
13.5 cm/ 5 1/4"



22-103-13  
13 cm/ 5"

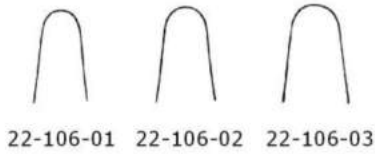
22-104-13  
13 cm/ 5"

Mod. Wien  
22-105-14  
14.5 cm/ 5 1/2"

Rhinology, Rhinologie  
Nasenspekula  
Nasal Specula



Voltolini  
22-106-01 - 22-106-03



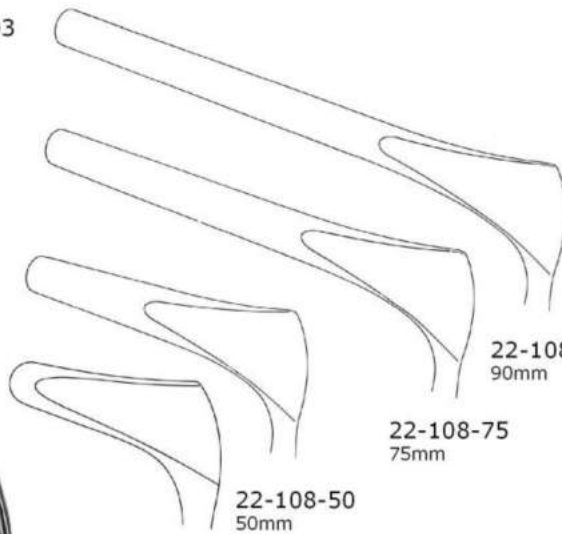
22-106-01 22-106-02 22-106-03



22-107-01 22-107-02 22-107-03



Killian  
22-108-35 - 22-108-90  
13 cm/ 5"



22-108-35  
35mm

22-108-50  
50mm

22-108-75  
75mm

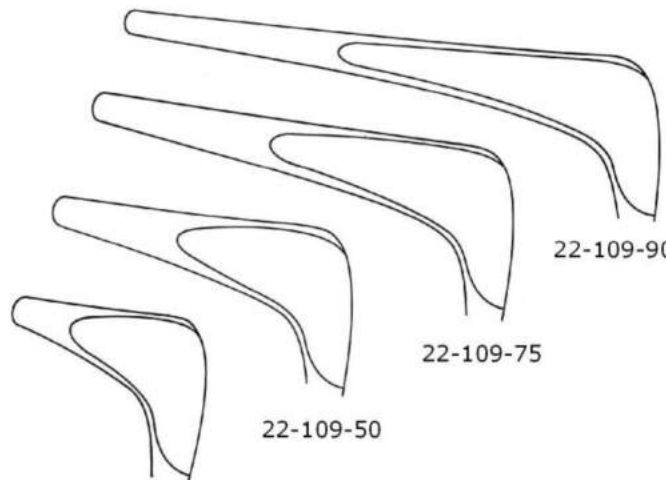
22-108-90  
90mm



Thudichum  
22-107-01 - 22-107-03



Cottle  
22-109-35 - 22-109-90  
15 cm/ 6"



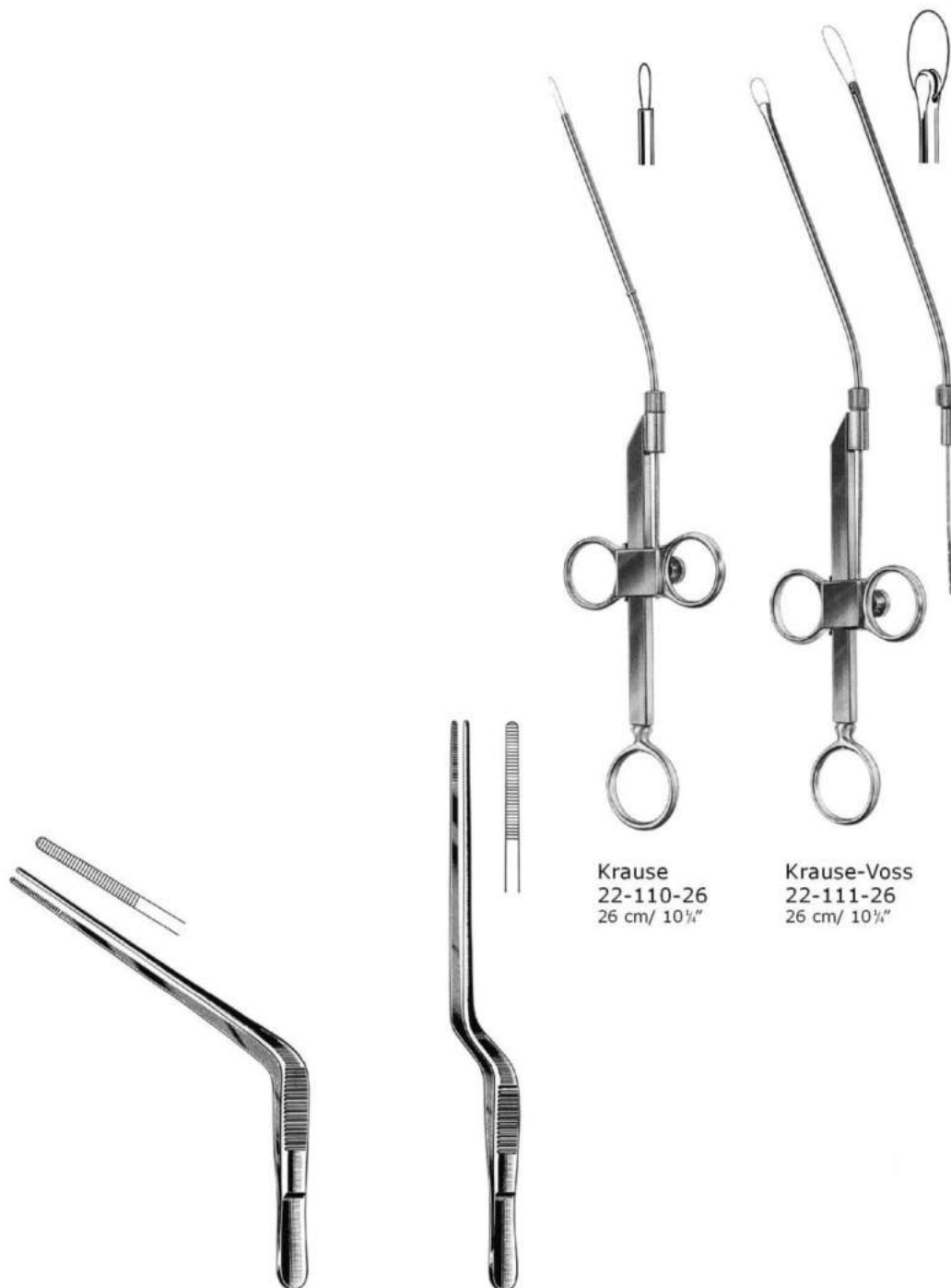
22-109-35

22-109-50

22-109-75

22-109-90

Rhinology, Rhinologie  
Polypenschnürer  
Nasal Snares



Troeltsch  
22-112-15 15 cm/ 6"  
22-112-18 18 cm/ 7"

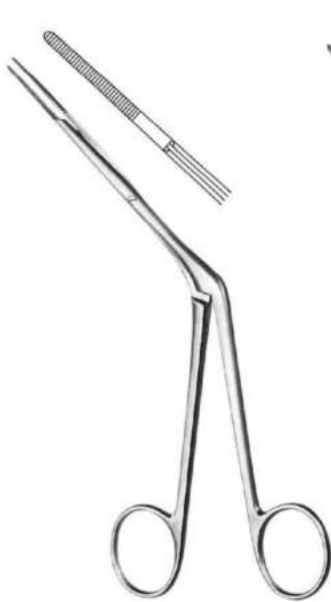
Gruenwald(Jansen)  
22-113-20 20 cm/ 8"

Krause  
22-110-26 26 cm/ 10 1/4"

Krause-Voss  
22-111-26 26 cm/ 10 1/4"



Rhinology, Rhinologie  
zangen, Polypenzangen  
Tampon Forceps, Nasal Polypus Forceps



Westmacott  
22-114-20  
20 cm/ 8"



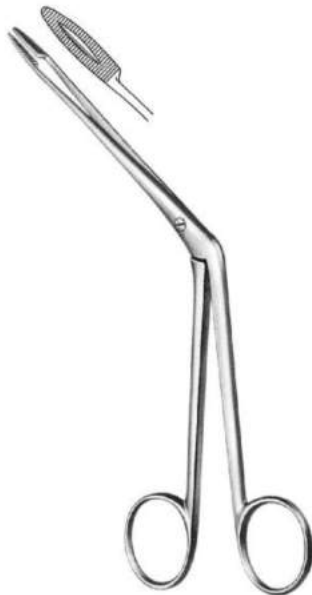
Lubet-Barbon  
22-115-20  
20 cm/ 8"



Hartmann  
22-116-16  
16 cm/ 6 1/2"



Heymann-Knight  
22-117-18  
18 cm/ 7"



Hartmann  
22-118-20  
20 cm/ 8"



Littauer  
22-119-18  
18 cm/ 7"

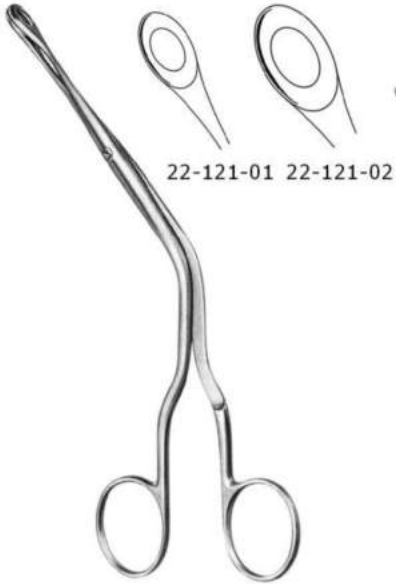


Killian  
22-120-17  
17 cm/ 6 3/4"

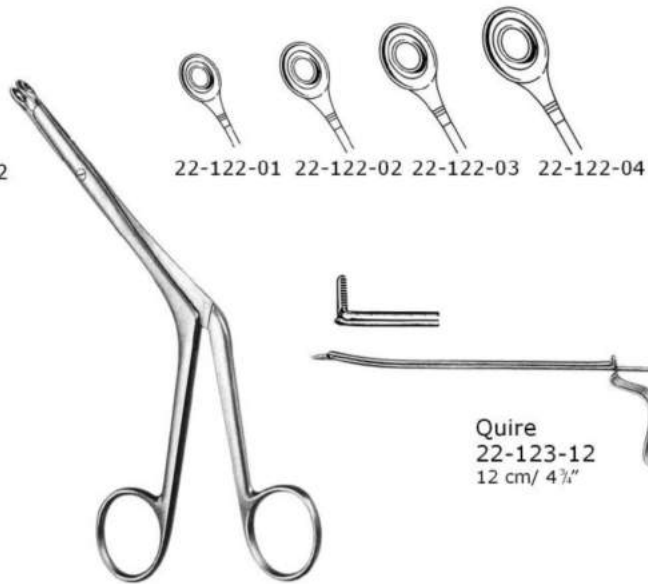




Rhinology, Rhinologie  
 Polypenzangen, Septumzangen  
 Nasal Polypus and Septum Compression Forceps

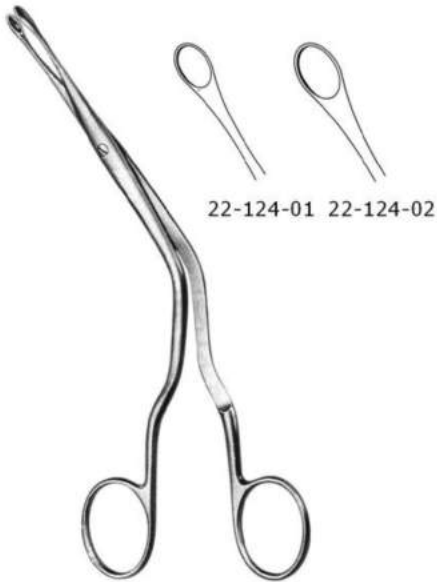


Luc  
 22-121-01 - 22-121-02  
 20 cm/ 8"

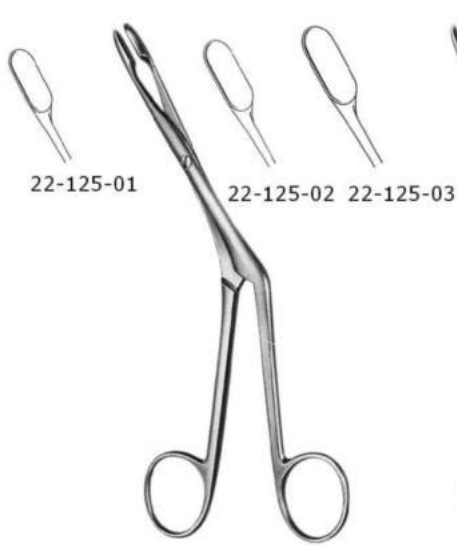


Bruenings  
 22-122-01 - 22-122-04  
 19 cm/ 7½"

Quire  
 22-123-12  
 12 cm/ 4¾"



Luc  
 22-124-01 - 22-124-02  
 20 cm/ 8"



Heymann  
 22-125-01 - 22-125-03  
 18 cm/ 7"



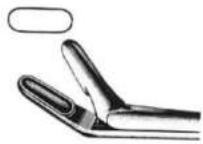
Knight  
 22-126-18  
 18 cm/ 7"



Rhinology, Rhinologie  
Scharfe Nasenzangen  
Nasal Cutting Forceps



22-127-12



22-128-12



Takahashi  
22-127-12 - 22-128-12  
19 cm/ 7½"



22-129-01



22-129-02



22-129-03



22-129-04



22-129-05



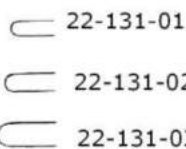
Weil-Blakesley  
22-129-01 - 22-129-05  
19 cm/ 7½"



Rhinology, Rhinologie  
Scharfe Nasenzangen  
Nasal Cutting Forceps



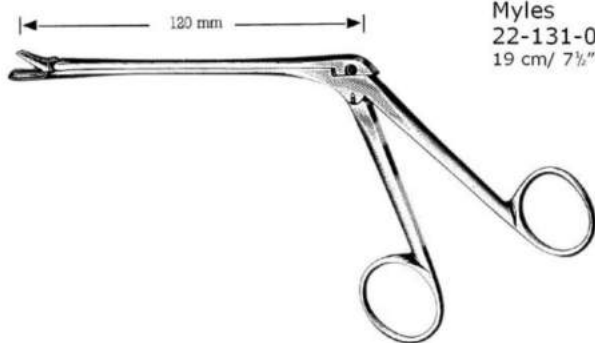
**Struycken**  
22-130-01 - 22-130-02  
19 cm/ 7½"



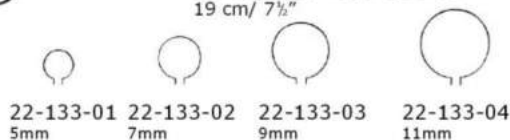
**Myles**  
22-131-01 - 22-131-03  
19 cm/ 7½"



**Hajek**  
22-132-12  
19 cm/ 7½"



**Hartmann**  
22-133-01 - 22-133-04  
19 cm/ 7½"





Rhinology, Rhinologie  
Septumscheren Und Septumzangen  
Septum Scissors and Septum Forceps



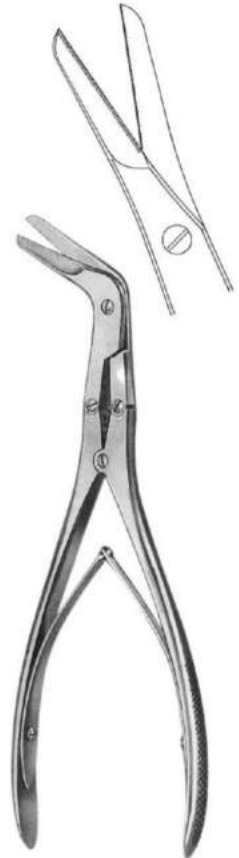
Middleton-Jansen  
22-136-19  
19 cm/ 7½"



Caplan  
22-134-20  
20 cm/ 8"



Rubin  
22-137-21  
21 cm/ 8½"

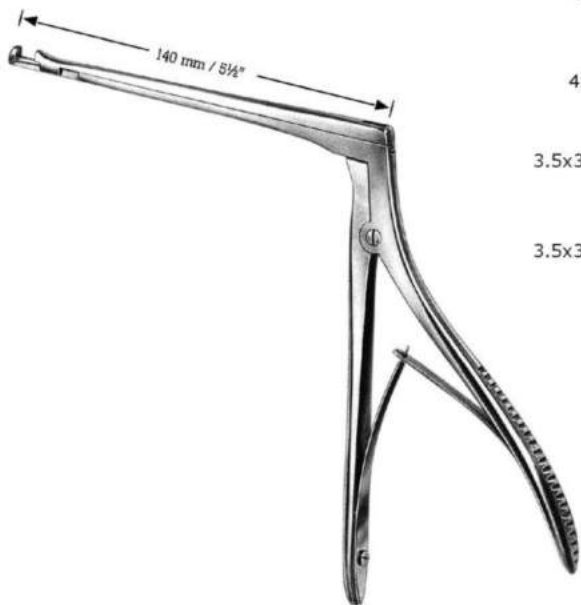


Killian  
22-135-21  
21 cm/ 8½"





Rhinology, Rhinologie  
 Keilbeinstanzen, Kieferhöhlenstanzen  
 Sphenoid Punches, Antrum Punch Forceps



22-138-14 - 22-141-14

4x4mm  Hajek  
 22-138-14

4x4mm  Hajek  
 22-139-14

3.5x3.5mm  Hajek-Kofler  
 22-140-14

3.5x3.5mm  Hajek-Kofler  
 22-141-14



Kerrison  
 22-142-00 - 22-142-03  
 20 cm/ 8"

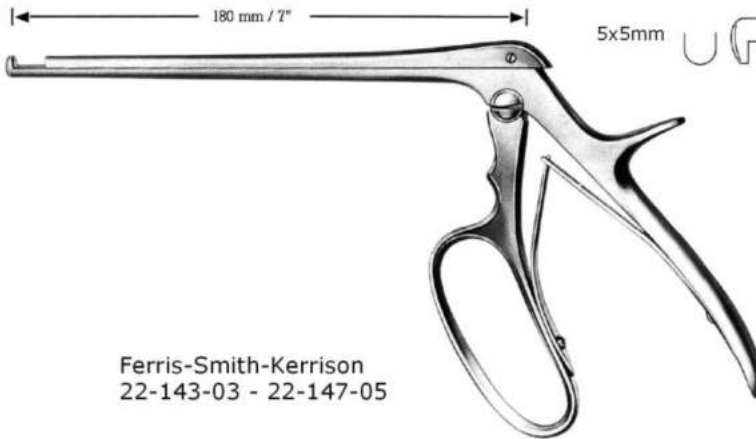
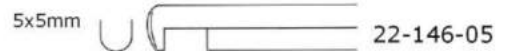
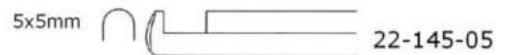
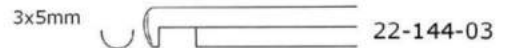
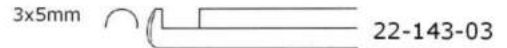
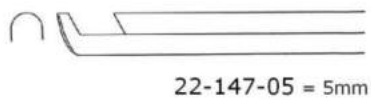
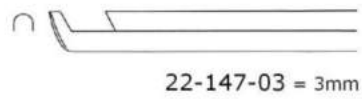
3x3mm  22-142-00  
 3mm

4x4mm  22-142-01  
 4mm

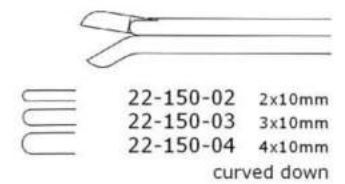
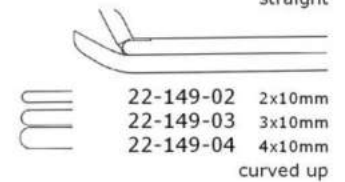
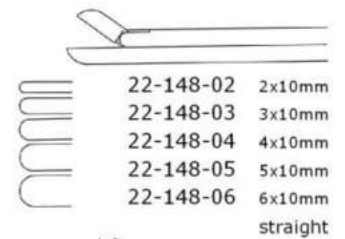
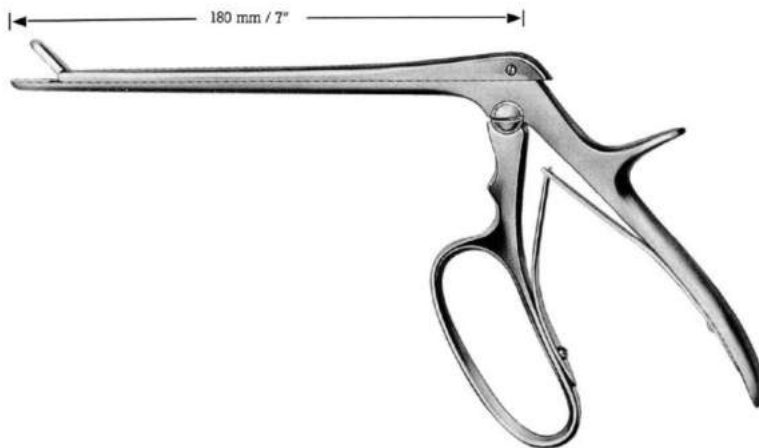
5x5mm  22-142-02  
 5mm

6x6mm  22-142-03  
 6mm

Rhinology, Rhinologie  
Keilbeinstanzen, Meißelzangen  
Sphenoid Punches and Rongeur Forceps

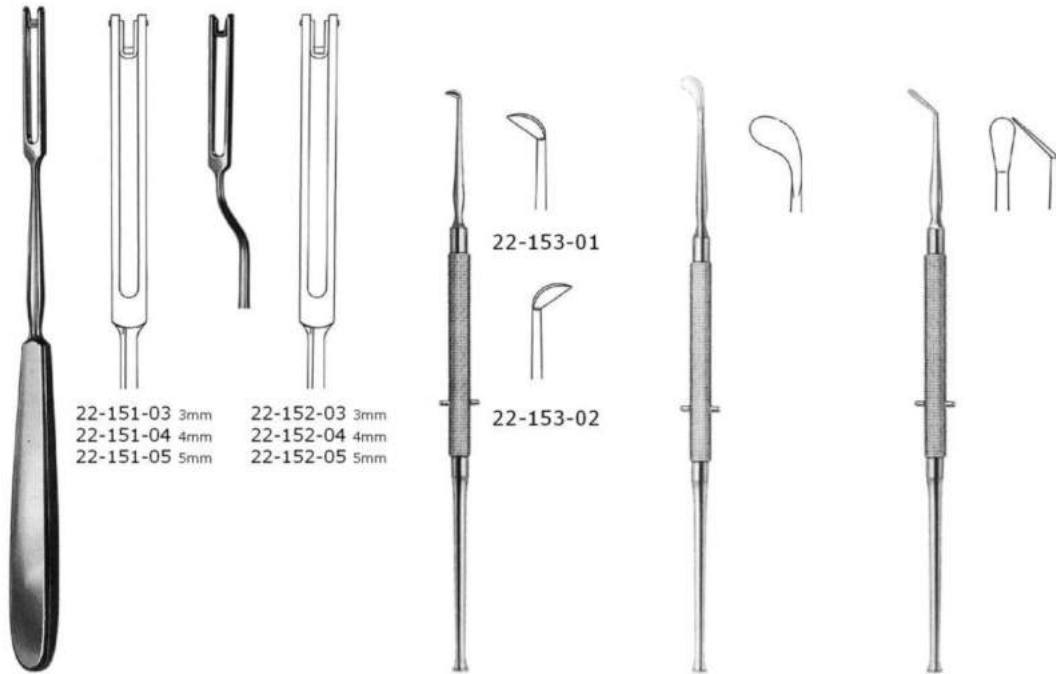


Ferris-Smith-Kerrison  
22-143-03 - 22-147-05



Ferris-Smith-Cushing  
22-148-02 - 22-150-04

Rhinology, Rhinologie  
Septummesser  
Septum Knives



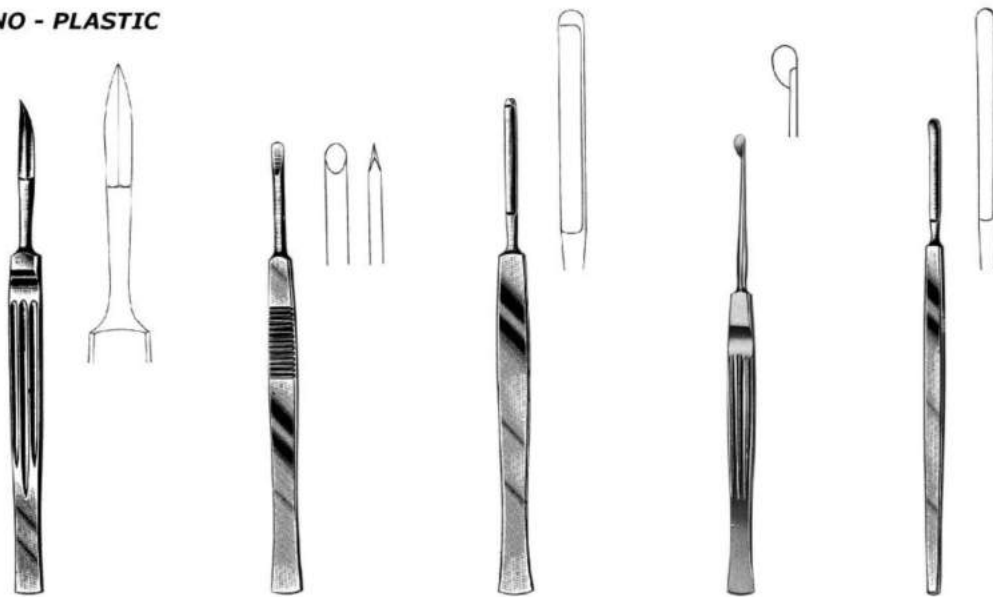
**Ballenger**  
22-151-03 - 22-152-05  
20 cm / 8"

**Freer**  
22-153-01 - 22-153-02  
19 cm / 7 1/2"

**Freer**  
22-154-19  
19 cm / 7 1/2"

**Freer**  
22-155-19  
19 cm / 7 1/2"

**RHINO - PLASTIC**



**Joseph**  
22-156-01

**Cottle**  
22-157-15  
15 cm / 6"

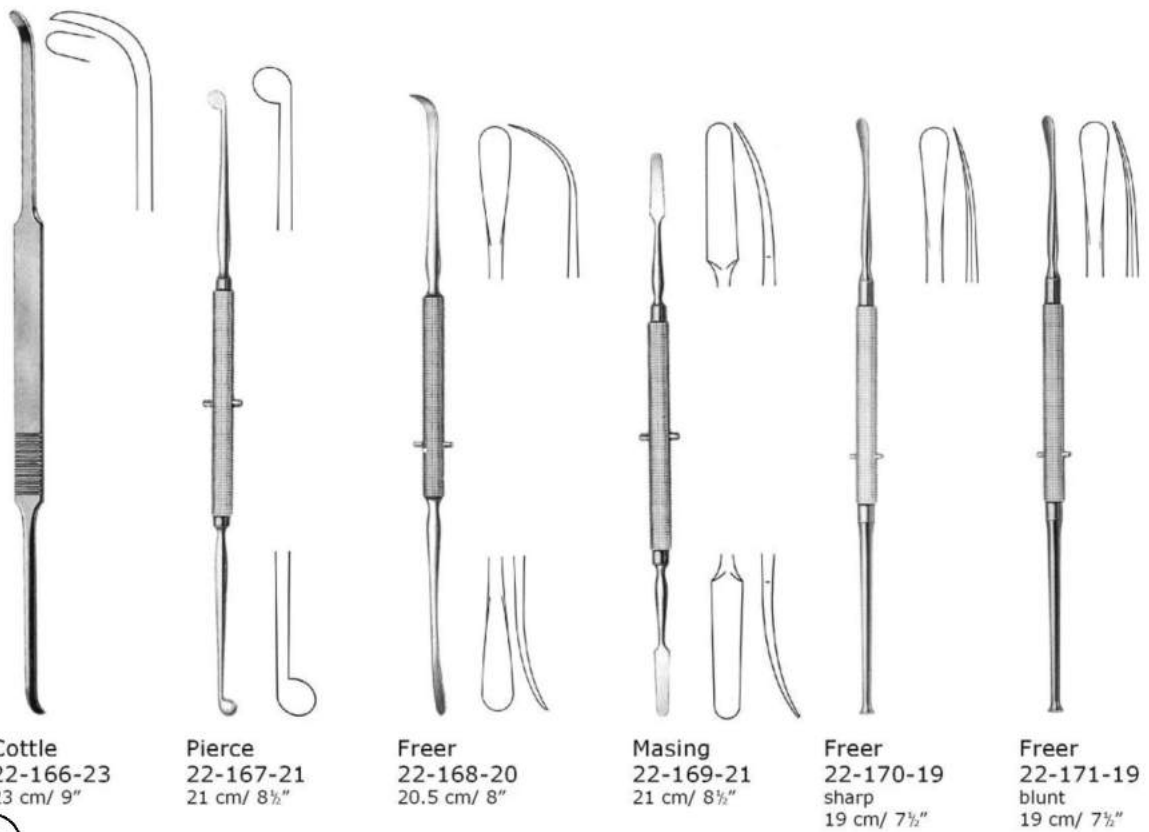
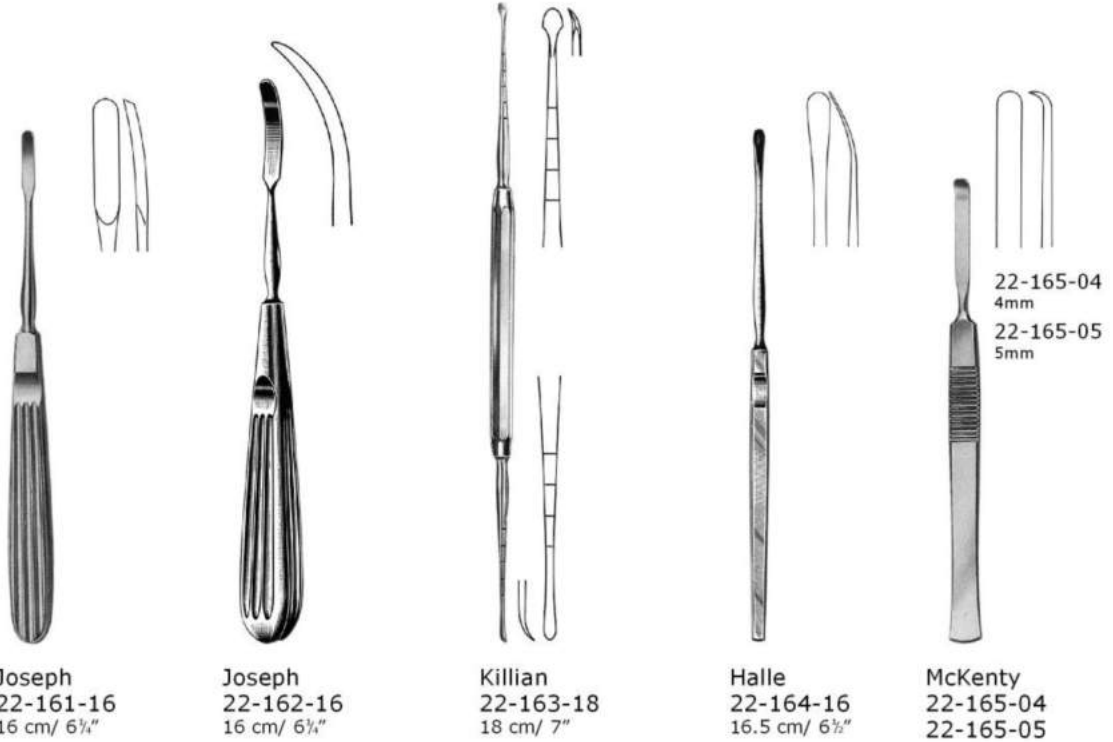
**Joseph**  
22-158-15  
15 cm / 6"

**Freer**  
22-159-15  
15 cm / 6"

**Cottle**  
22-160-15  
15 cm / 6"



Rhinology, Rhinologie  
Septum- und Periost-Elevatoren  
Septum and Periosteal Elevators

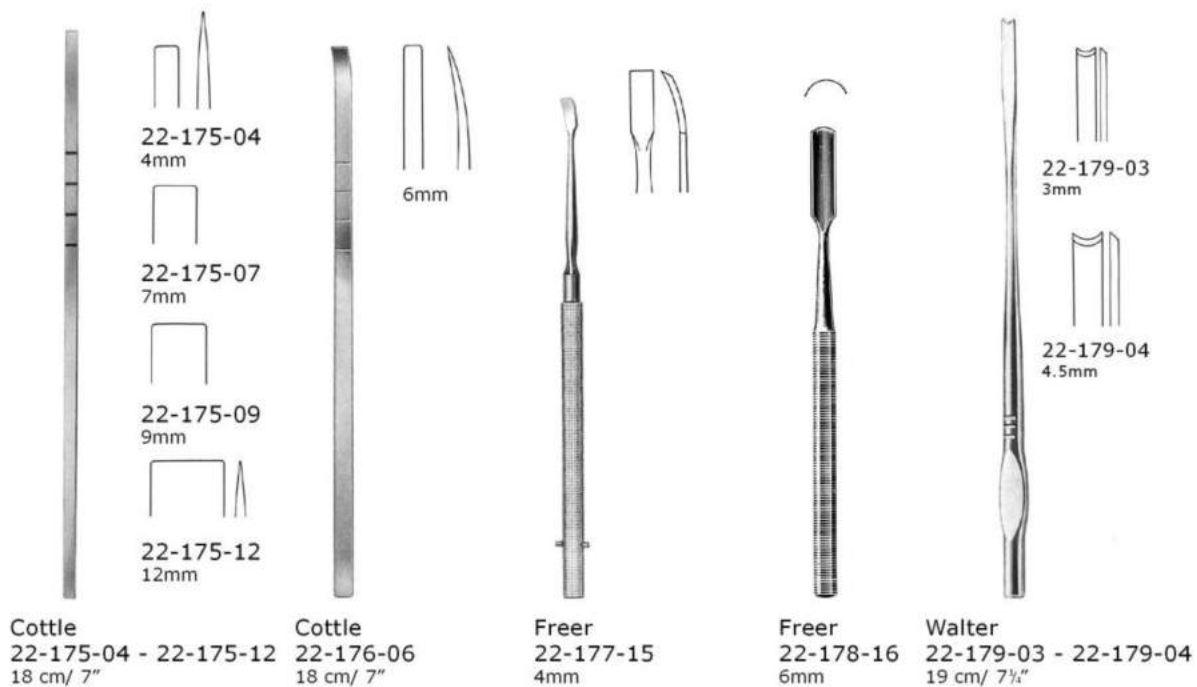
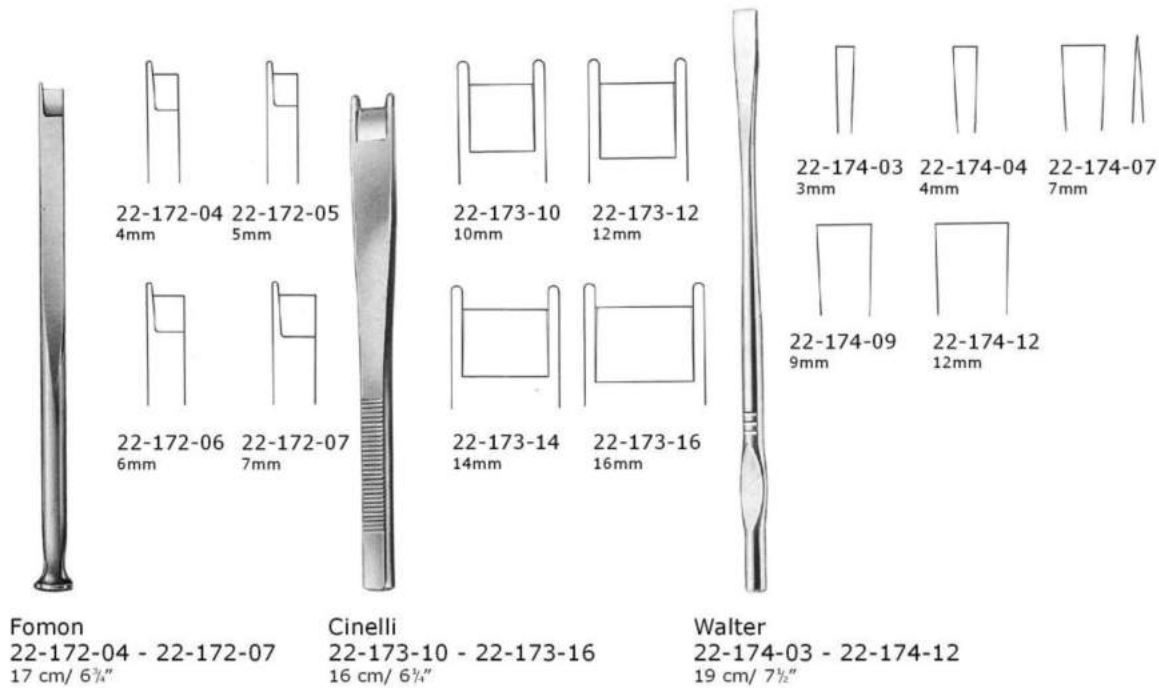


370



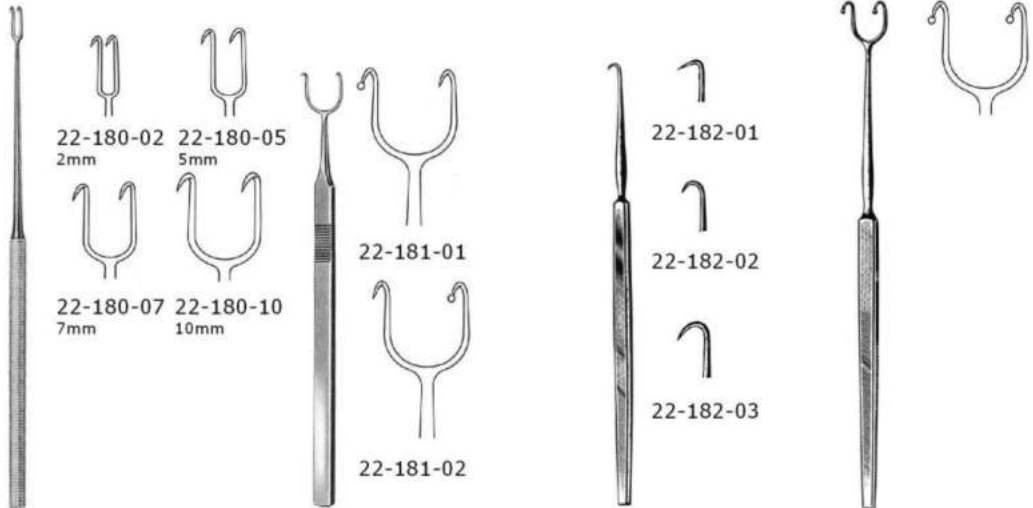


Rhinology, Rhinologie  
Instrumente zur Nasenplastik usw.  
Rhinoplastic Instruments etc.





Rhinology, Rhinologie  
 Instrumente zur Nasenplastik usw.  
 Rhinoplastic Instruments etc.



**Joseph**  
 22-180-02 - 22-180-10  
 16 cm/ 6 1/2"

**Cottle**  
 22-181-01 - 22-181-02  
 14 cm/ 5 1/2"

22-182-01 - 22-182-03  
 15 cm/ 6"

**Fomon**  
 22-183-16  
 16 cm/ 6 1/2"



**Fomon**  
 22-184-17  
 17 cm/ 6 3/4"

**Aufrecht**  
 22-185-19  
 19 cm/ 7 1/2"

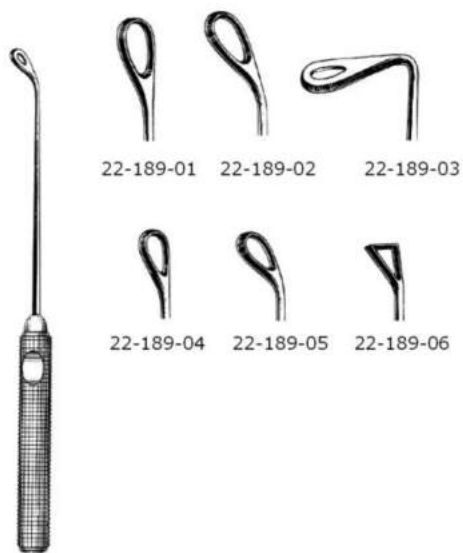
**Kilner**  
 22-186-10  
 10 cm/ 4"

**Converse**  
 22-187-12  
 12 cm/ 4 1/2"

**Freer**  
 22-188-15  
 15 cm/ 6"



Rhinology, Rhinologie  
 Instrumente zur Nasenplastik usw.  
 Rhinoplastic Instruments etc.



**Coakley**  
 22-189-01 - 22-189-06  
 17 cm/ 6 1/2"



**Ritter-Halle**  
 22-190-25 2.5mmø  
 22-190-30 3.0mmø  
 22-190-40 4.0mmø



**Eicken-Killian**  
 22-191-30  
 3mm  
 14 cm/ 5 1/2"



**Cottle**  
 22-192-14  
 14 cm/ 5 1/2"



**Neivert**  
 22-193-16  
 16 cm/ 6 1/2"



**Cottle**  
 22-194-15  
 15 cm/ 6"



**Cottle**  
 22-195-15  
 15 cm/ 6"



**Aufricht**  
 22-196-13  
 13.5 cm/ 5 1/2"

Rhinology, Rhinologie  
 Instrumente zur Nasenplastik usw.  
 Rhinoplastic Instruments etc.



Joseph  
 22-197-17  
 17 cm/ 6 3/4"

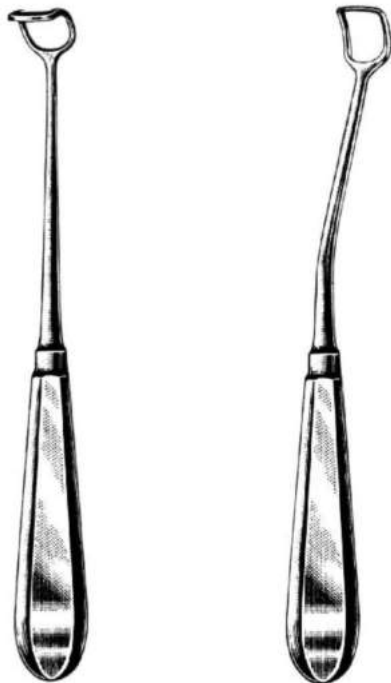
Lewis  
 22-198-18  
 18 cm/ 7"

22-198-18  
 fine

Aufricht  
 22-199-21 - 22-200-21  
 21 cm/ 8 1/4"

22-199-21

22-200-21



Beckmann  
 22-201-01 - 22-201-06

Beckmann  
 22-202-01 - 22-202-06

22-201-01  
 22-202-01

22-201-02  
 22-202-02

22-201-03  
 22-202-03

22-201-04  
 22-202-04

22-201-05  
 22-202-05

22-201-06  
 22-202-06



Rhinology, Rhinologie  
 Instrumente zur Nasenplastik usw.  
 Rhinoplastic Instruments etc.



Ogura  
 22-203-11  
 11 cm/ 4 1/4"



Cottle  
 22-204-14  
 14 cm/ 5 1/2"



Cottle  
 22-205-10  
 10 cm/ 4"



Kressner  
 22-206-20  
 20 cm/ 8"



Cottle-Walsham  
 22-207-23  
 23 cm/ 9"



Asch  
 22-208-23  
 23 cm/ 9"

## ORAL, MAXILLO PALATE, TONSILS



**Cheek & Lip Retractors, Tongue Depressors**

**Tongue Holding Forceps**

**Mouth Gags**

**Ramus Retractors**

**Periosteal Elevators, Osteotomes**

**Ching & Channelled Retractors**

**Disimpaction Forceps**

**Tonsil Knives, Dissectors, Enucleator, Retractors**

**Tonsil Seizing Forceps**

**Tonsil Snares**

**Tonsillectomes**

**Universal Hands & Interchangeable Tubes**

**Laryngeal Mirrors**

Oral Maxillo-Facial Surgery, Mund-,  
Wangen- und Lippenhalter, Zungendrucker  
Cheek and Lip Retractors, Tongue Depressors



Stemberg  
23-101-12 12 cm/ 4 7/8"  
23-101-14 14 cm/ 5 1/2"  
23-101-16 16 cm/ 6 1/4"



Andrew  
23-102-11  
11 cm/ 4 1/2"



Wieder  
23-103-01 - 23-103-02



23-103-01  
14 cm/ 5 1/2"



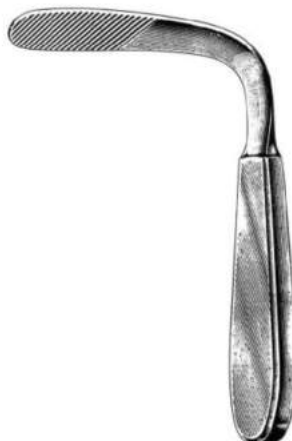
23-103-02  
15 cm/ 6"



Hartmann  
23-104-15  
15 cm/ 6"



Tobold  
23-105-14  
14 cm/ 5 1/2"



Tobold  
23-106-14  
14 cm/ 5 1/2"



Bruenings  
23-107-19  
19 cm/ 7 1/2"



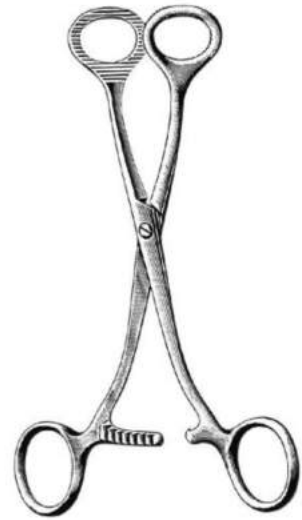
Mund-, Kiefer- Und Gesichtschirurgie  
Zungenzangen  
Tongue Holding Forceps



Molt  
23-108-11 11 cm/ 4 1/2"  
23-108-14 14 cm/ 5 1/2"



Young  
23-109-17  
17 cm/ 6 1/2"



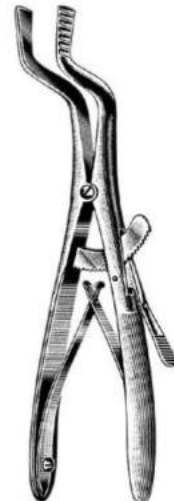
Collin  
23-110-17  
17 cm/ 6 1/2"



Heister  
23-111-13  
13 cm/ 5"



Denhart  
23-112-12  
12 cm/ 4 1/2"

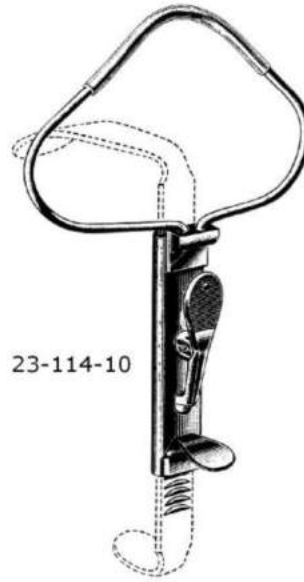


Roser-Konig  
23-113-16 16 cm/ 6 1/2"  
23-113-20 20 cm/ 8"

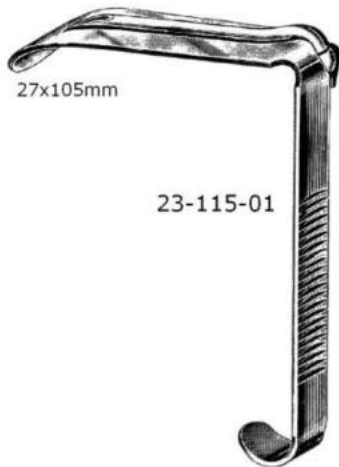




Oral Maxillo-Facial Surgery, Mund-,  
Mundsperrer  
Mouth Gags



Mclvor  
23-114-00  
Complete Set



Davis-Boyle  
23-115-00  
Complete Set



Mund-, Kiefer- Und Gesichtschirurgie  
 Mundsperrer  
 Mouth Gags

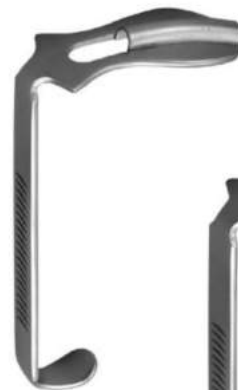


23-115-20

Dingman  
 23-115-15  
 Complete Set



23-115-21



23-115-22



23-115-23



23-116-10

Kilner-Doughty  
 23-116-00  
 Complete Set



23-116-01



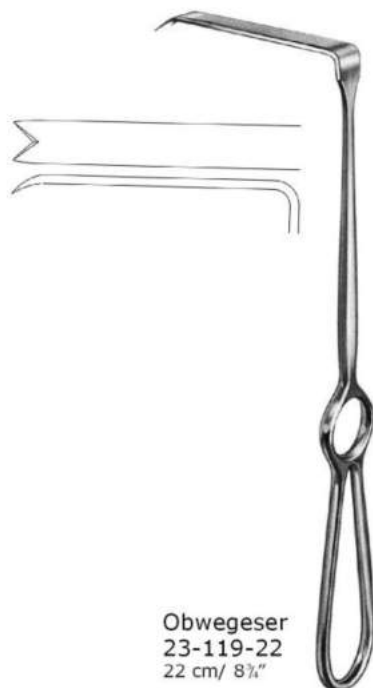
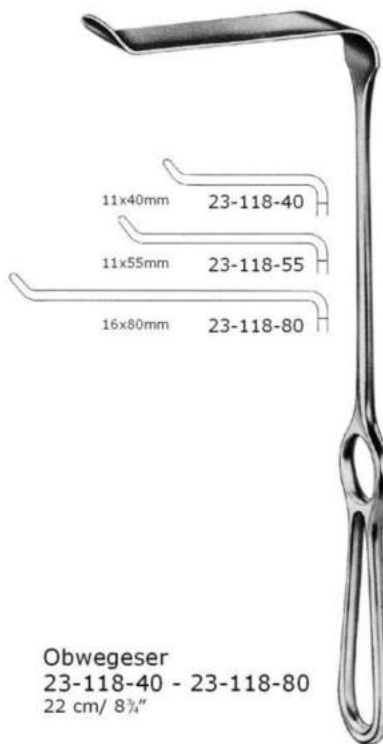
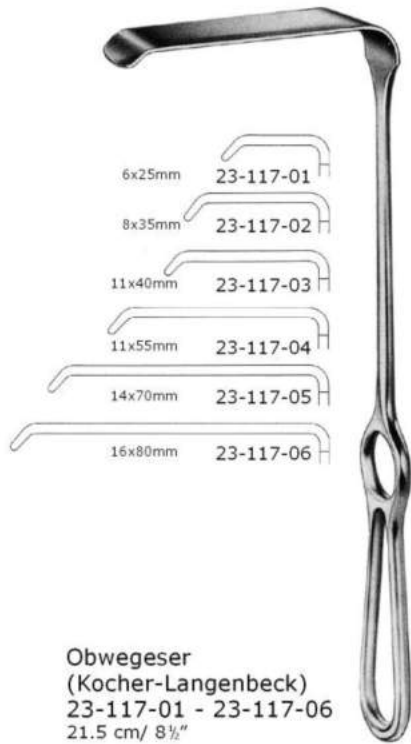
23-116-02



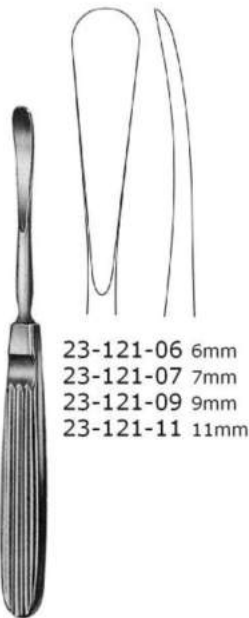
23-116-03



Oral Maxillo-Facial Surgery, Mund  
Ramushaken  
Ramus Retractors

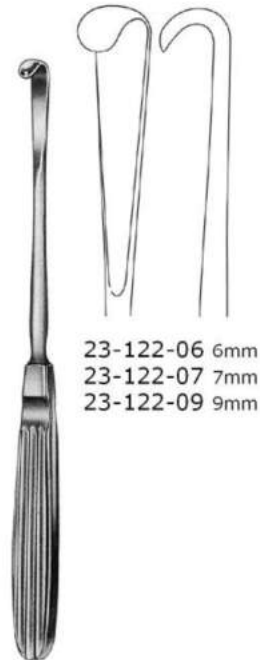


Mund-, Kiefer- Und Gesichtschirurgie  
Raspatorien, Osteotome  
Periosteal Elevators, Osteotomes



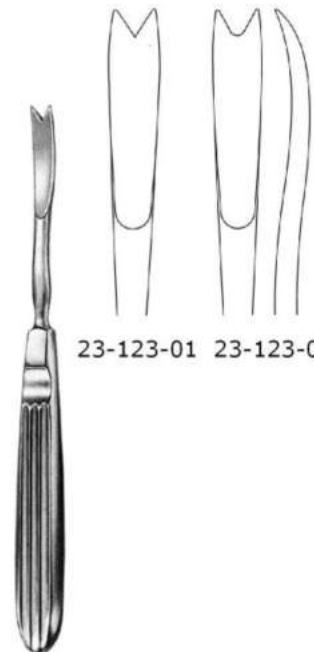
23-121-06 6mm  
23-121-07 7mm  
23-121-09 9mm  
23-121-11 11mm

Obwegeser  
23-121-06 - 23-121-11  
18 cm/ 7"



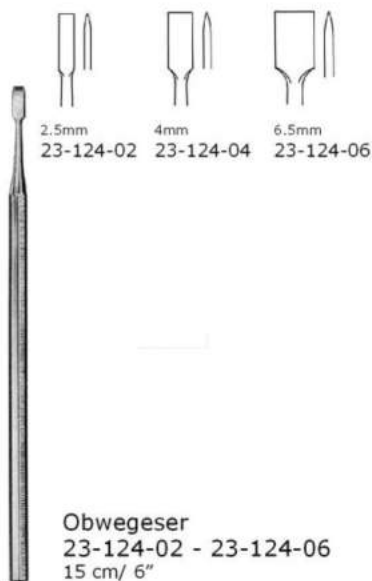
23-122-06 6mm  
23-122-07 7mm  
23-122-09 9mm

Obwegeser  
23-122-06 - 23-122-09  
20 cm/ 8"



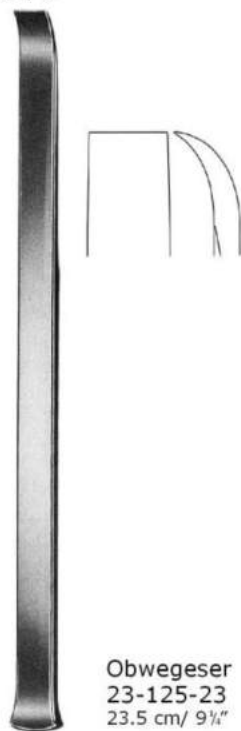
23-123-01 23-123-02

Obwegeser  
23-123-01 - 23-123-02  
18 cm/ 7"



2.5mm 23-124-02  
4mm 23-124-04  
6.5mm 23-124-06

Obwegeser  
23-124-02 - 23-124-06  
15 cm/ 6"



Obwegeser  
23-125-23  
23.5 cm/ 9 1/4"



23-126-19 23-127-19

Obwegeser  
23-126-19 - 23-127-19  
19 cm/ 7 1/2"



Oral Maxillo-Facial Surgery, Mund-  
Kinnhalter und Progeniehaken  
Chin and Channelled Retractors



Obwegeser  
23-128-16  
16.5 cm/ 6½"



Obwegeser  
23-129-08 8mm  
23-129-10 10mm  
16.5 cm/ 6½"



Obwegeser  
23-130-18 18 cm/ 7"  
23-130-28 28 cm/ 11"



Obwegeser  
23-131-13  
13 cm/ 5"



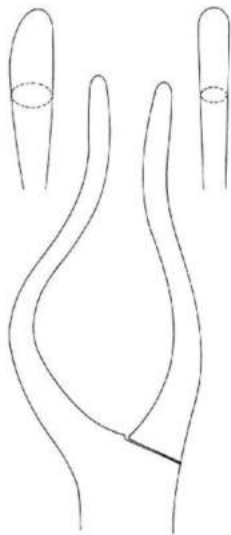
Kelsey-Fry  
23-132-15  
15 cm/ 6"



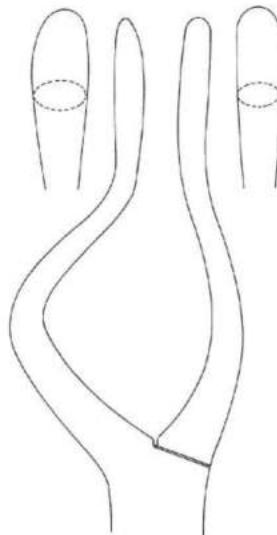
Kelsey-Fry  
23-132-18  
18 cm/ 7"



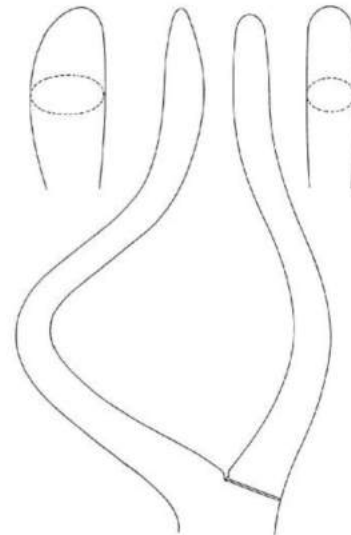
Mund-, Kiefer- Und Gesichtschirurgie  
Repositionszangen  
Disimpaction Forceps



23-133-22  
23-134-22



23-133-23  
23-134-23



23-133-24  
23-134-24



left

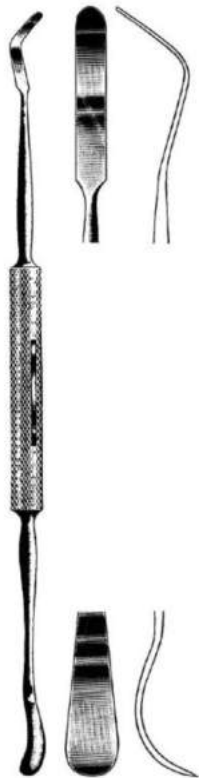
23-133-22 22.5 cm/ 8 7/8"  
23-133-23 23 cm/ 9"  
23-133-24 24 cm/ 9 1/2"



right

23-134-22 22.5 cm/ 8 7/8"  
23-134-23 23 cm/ 9"  
23-134-24 24 cm/ 9 1/2"

Palate, Tonsils - Gaumen, Tonsillen  
Tonsillennmesser, Dissektoren, Eukleator,  
Tonsil Knives, Dissectors, Enucleator, Retractors



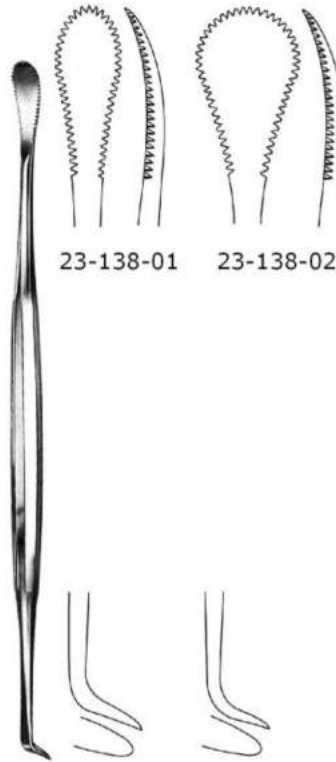
Carpenter  
23-135-25  
25 cm/ 10"



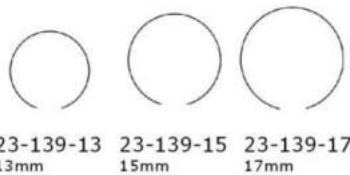
Carpenter  
23-136-24  
24 cm/ 9½"



Hurd  
23-137-22  
22.5 cm/ 9"



Henke  
23-138-01 - 23-138-02  
23 cm/ 9"



23-139-13 23-139-15 23-139-17  
13mm 15mm 17mm



Hartmann  
23-139-13 - 23-139-17



Palate, Tonsils - Gaumen, Tonsillen  
Tonsillenzangen  
Tonsil Seizing Forceps



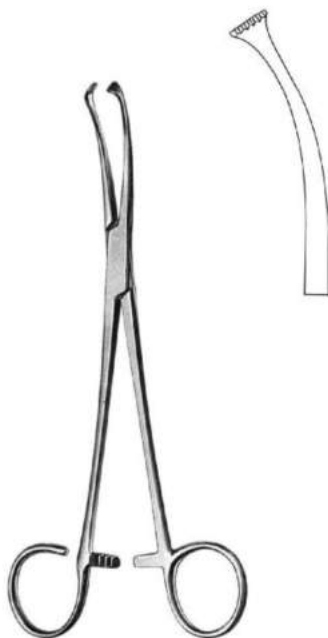
23-140-19 23-141-19

Schnitt  
23-140-19 - 23-141-19  
19 cm / 7 1/2"

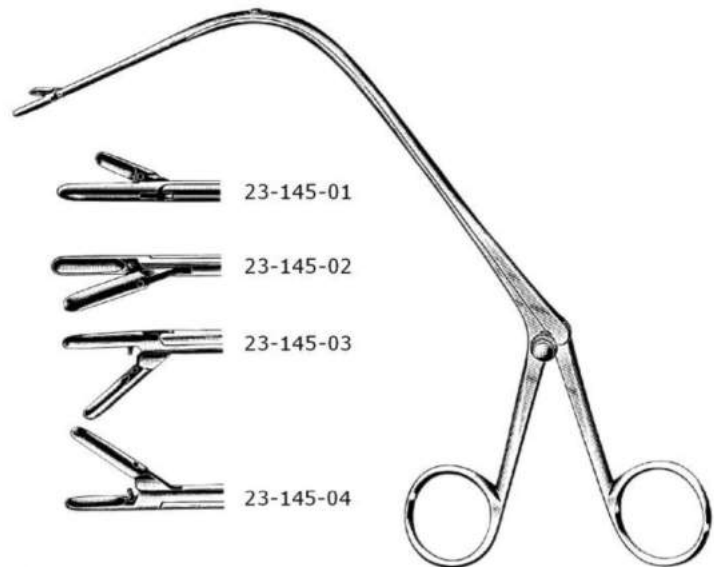


23-142-19 23-143-19

Schnitt  
23-142-19 - 23-143-19  
19 cm / 7 1/2"



White  
23-144-18 18 cm / 7"



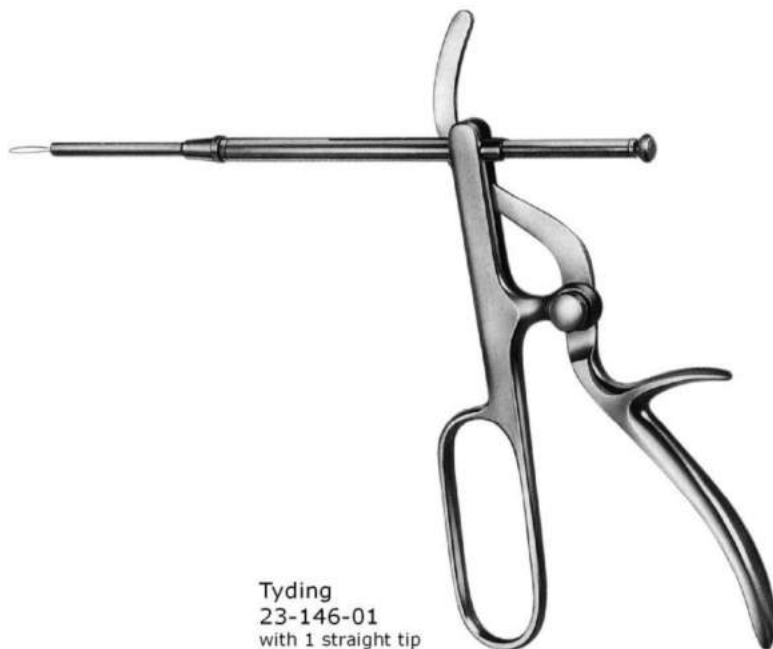
23-145-01  
23-145-02  
23-145-03  
23-145-04

Jurasz  
23-145-01 - 23-145-04  
23 cm / 9"





Palate, Tonsils - Gaumen, Tonsillen  
Tonsillenschnürer  
Tonsil Snares



Tyding  
23-146-01  
with 1 straight tip



Eves  
23-147-28  
28 cm/ 11"

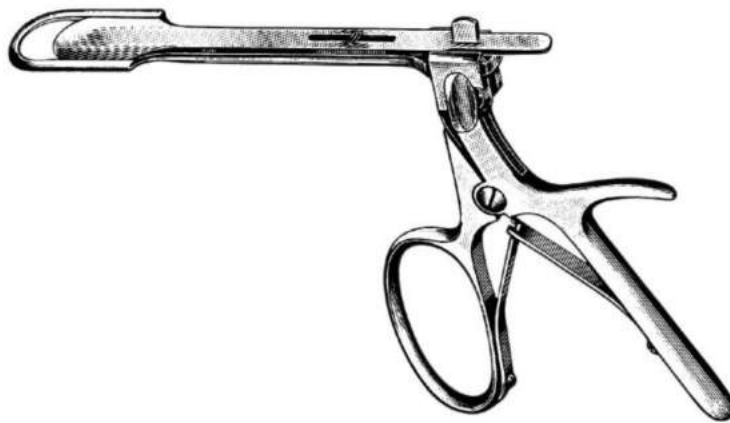
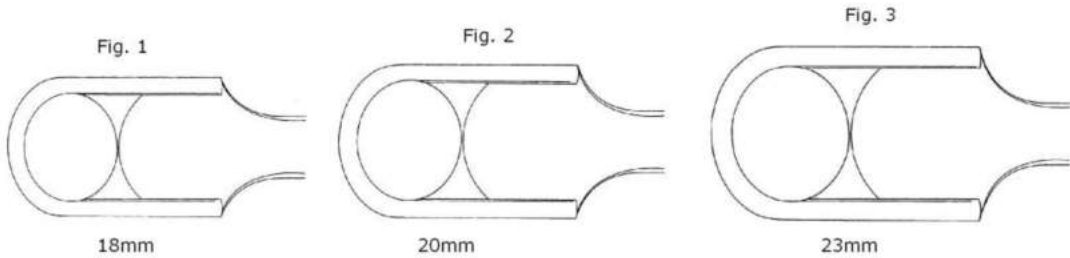


Eves  
23-148-28  
28 cm/ 11"



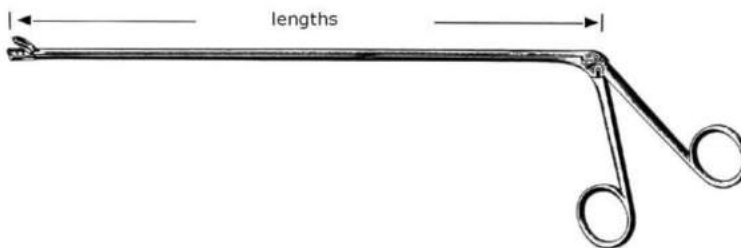
Bruenings  
23-149-28  
28 cm/ 11"

Palate, Tonsils - Gaumen, Tonsillen  
Tonsillotome  
Tonsillectomes



Sluder - Ballenger  
23-150-03  
complete with 3 tips

Biopsy Forceps



Chevalier-Jackson  
23-151-30 - 23-157-60

lengths								
cm	in.							
30	12	23-151-30	23-152-30	23-153-30	23-154-30	23-155-30	23-156-30	23-157-30
40	16	23-151-40	23-152-40	23-153-40	23-154-40	23-155-40	23-156-40	23-157-40
50	20	23-151-50	23-152-50	23-153-50	23-154-50	23-155-50	23-156-50	23-157-50
60	24	23-151-60	23-152-60	23-153-60	23-154-60	23-155-60	23-156-60	23-157-60

Palate, Tonsils - Gaumen, Tonsillen  
 Universalgriffe und Verlängerungsröhre,  
 Auswechselbare Zangenaufsätze  
 Universal Handles and Interchangeable Tubes,  
 Cutting and Grasping Forcep Tips



Bruenings  
 23-158-20  
 20 cm/ 8"

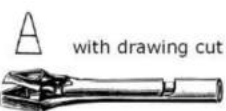


Huber  
 23-159-01



23-160-20 - 23-160-40

Straight	lengths	in.
23-160-20	20cm	8
23-160-30	30cm	12
23-160-40	40cm	16



with drawing cut

Schumacher  
 23-161-01



Krause  
 23-162-01



Fraenkel  
 23-163-01



Seiffert  
 23-164-01



Fraenkel  
 23-165-01



Scheinmann  
 23-166-01



Scheinmann  
 23-167-01



Lange  
 23-168-01



Bruenings  
 23-169-02 - 23-169-03

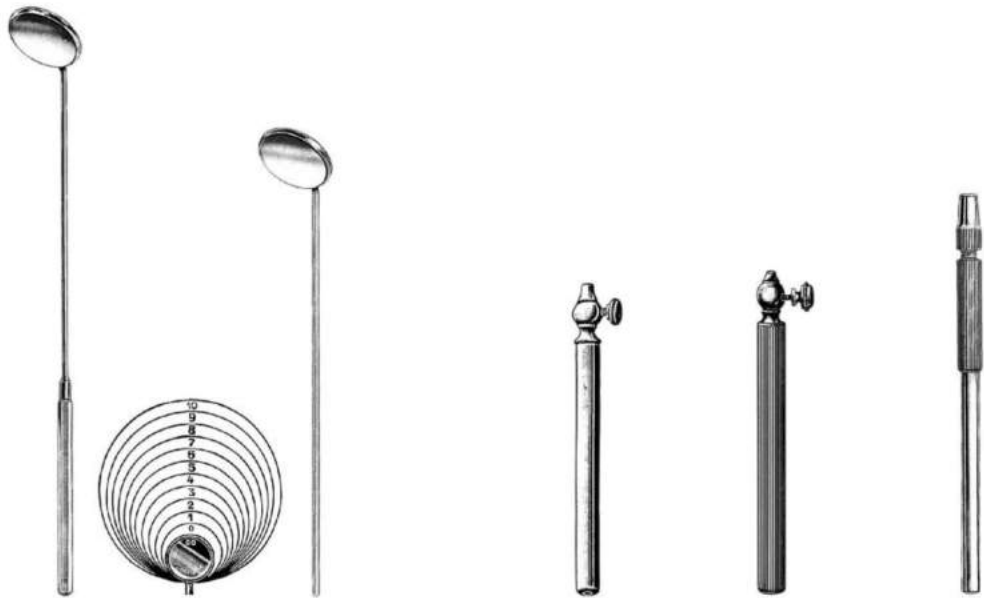


Krause  
 23-170-01 - 23-170-02



Bruenings  
 23-171-02 - 23-171-03

Palate, Tonsils - Gaumen, Tonsillen  
Kehlkopfspiegel  
Laryngeal Mirrors



- |           |         |      |           |
|-----------|---------|------|-----------|
| 23-173-08 | Fig. 00 | 8mm  | 23-174-08 |
| 23-173-10 | Fig. 0  | 10mm | 23-174-10 |
| 23-173-12 | Fig. 1  | 12mm | 23-174-12 |
| 23-173-14 | Fig. 2  | 14mm | 23-174-14 |
| 23-173-16 | Fig. 3  | 16mm | 23-174-16 |
| 23-173-18 | Fig. 4  | 18mm | 23-174-18 |
| 23-173-20 | Fig. 5  | 20mm | 23-174-20 |
| 23-173-22 | Fig. 6  | 22mm | 23-174-22 |
| 23-173-24 | Fig. 7  | 24mm | 23-174-24 |
| 23-173-26 | Fig. 8  | 26mm | 23-174-26 |
| 23-173-28 | Fig. 9  | 28mm | 23-174-28 |
| 23-173-30 | Fig. 10 | 30mm | 23-174-30 |

23-175-10

23-176-11

23-177-12



## OPHTHALMOLOGY



Eye Specula

Hooks, Spatula

Eys Scalpels, Cataract Knives

Hooks, Hooklets

Lens Expressor, Eys Spoons

Chalazion Hooklets, Cannunas

Lacrimal Dilators, Probes

Double Ended Instruments

Iris Forceps

Capsular Forceps

Fixation Forceps, Tissue Forceps

Suture Forceps

Chalazion Forceps

Iris Scissors, Corneal Scissors

Eye Needle Holders

Ophthalmology - Ophthalmologie  
Lid Sperrer  
Eye Specula



**Baraquer**  
24-101-03 3cm/ 1¼"  
24-101-04 4cm/ 1½"



**Bowman**  
24-102-07  
7 cm/ 2¾"



**Graefe**  
24-103-06  
6 cm/ 2½"



**Knapp-Clark**  
24-104-08  
8 cm/ 3¼"



**Weiss**  
24-105-08  
8 cm/ 3¼"



**Williams**  
24-106-08  
8 cm/ 3¼"



**Arruga**  
24-107-07  
7 cm/ 2¾"



**Arruga**  
24-108-07  
7 cm/ 2¾"



**Mellinger**  
24-109-07  
7 cm/ 2¾"



**Park**  
24-110-08  
8 cm/ 3¼"

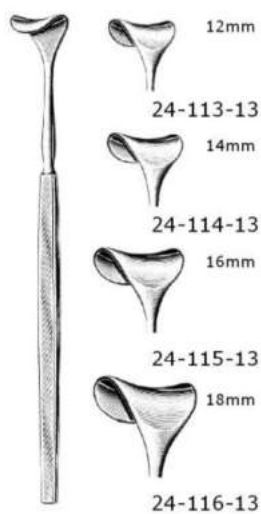


**Mueller**  
24-111-07  
7 cm/ 2¾"

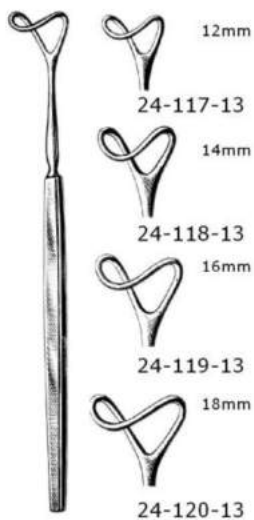


**Lancaster**  
24-112-07  
7 cm/ 2¾"

Ophthalmology - Ophthalmologie  
 Haken, Spatel  
 Hooks, Spatula



Desmarres  
 24-113-13 - 24-116-13  
 13cm/ 5"



Desmarres  
 24-117-13 - 24-120-13  
 13cm/ 5"



Schepens  
 24-121-13  
 13 cm/ 5"



Scobee  
 24-122-13  
 13 cm/ 5"



Muldoon  
 24-123-08  
 8 cm/ 3 1/4"



Berens  
 24-124-09  
 9 cm/ 3 1/2"



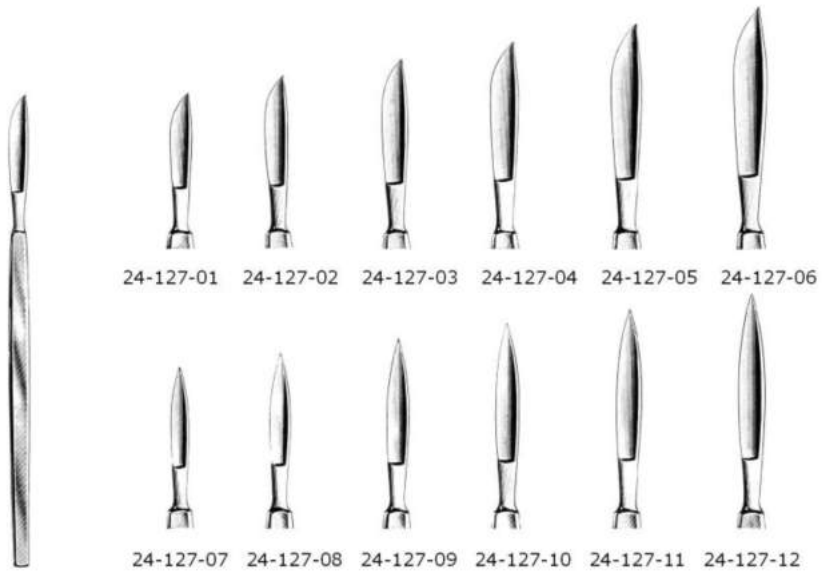
Siniscal-Smith  
 24-125-11  
 11.5 cm/ 4 1/2"



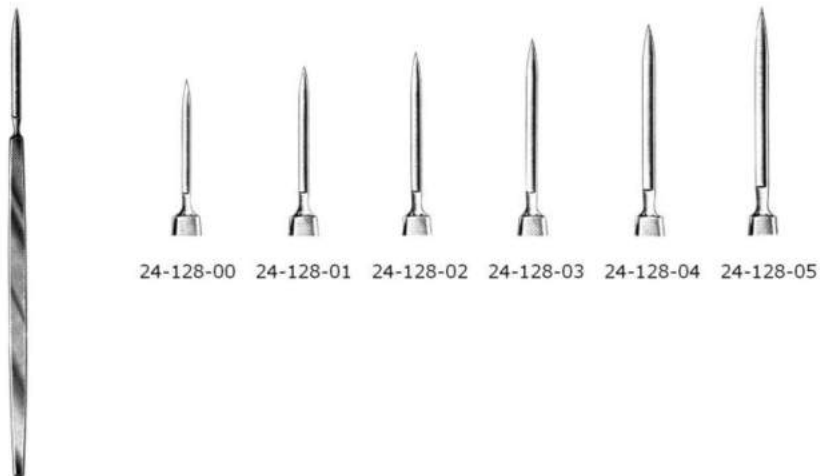
Berens  
 24-126-13  
 13 cm/ 5"



Ophthalmology - Ophthalmologie  
Augenscalpelle, Starmesser  
Eye Scalpels, Cataract Knives



24-127-01 - 24-127-12



24-128-00 - 24-128-05





Ophthalmology - Ophthalmologie  
 Haken, Späkchen  
 Hooks, Hooklets



24-129-13



Graefe  
 24-130-12  
 Sharp



Graefe  
 24-131-12  
 Blunt



Panas  
 24-132-12



Panas  
 24-133-13



Knapp  
 24-134-13



Guthrie  
 24-135-12



Guthrie  
 24-136-13



Stevens  
 24-137-12



Jameson  
 24-138-13



Culler  
 24-139-12



Wiener  
 24-140-12



Graefe  
 24-140-13



Graefe  
 24-141-13



Graefe  
 24-141-14



Graefe  
 24-141-15



Jaeger  
 24-142-01



Jaeger  
 24-142-02



Arruga  
 24-143-13



Kronfeld  
 24-144-10



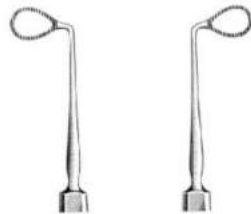
Kronfeld  
 24-144-15



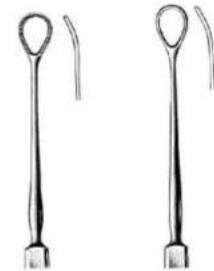
Ophthalmology - Ophthalmologie  
 Linsen, Augenlöffel  
 Lens Expressor, Eye Spoons



24-145-13 24-146-14  
 Weber



24-147-13 24-148-13  
 Elschnig



24-149-14 24-150-14  
 Lewis



24-151-01 24-151-02  
 Graefe



24-152-13 24-153-14  
 Castroviejo  
 10mm 15mm



24-154-01 24-154-02  
 Elschnig



Wells  
 24-155-00





Ophthalmology - Ophthalmologie  
Tränenkanal-Dilatatoren  
Lacrimal Dilators, Probes



Ziegler

Fig.

1/2	24-163-01
3/4	24-163-02
5/6	24-163-03



Castroviejo  
24-164-12



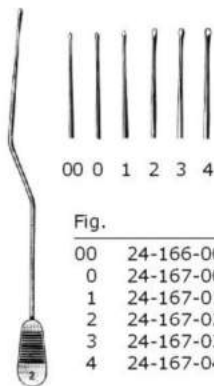
Wilder  
24-165-01



Wilder  
24-165-02



Wilder  
24-165-03



00 0 1 2 3 4

Fig.

00	24-166-00
0	24-167-00
1	24-167-01
2	24-167-02
3	24-167-03
4	24-167-04

Bowman

Fig.

0/0	24-168-00
1/1	24-168-11
2/2	24-168-22
3/3	24-168-33
4/4	24-168-44
5/5	24-168-55
6/6	24-168-66
7/7	24-168-77
8/8	24-168-88



Bowman

Fig.

00/0	24-169-00
0/1	24-169-01
1/2	24-169-12
2/3	24-169-23
3/4	24-169-34
4/5	24-169-45
5/6	24-169-56
6/7	24-169-67
7/8	24-169-78



French pattern

Fig.	00	0	1	2	3	4	5	6	7	8
mm	0.7	0.8	0.9	1.1	1.3	1.4	1.5	1.6	1.8	1.9



Ophthalmology - Ophthalmologie  
Doppelinstrumente  
Double Ended Instruments



Castroviejo  
24-170-12



Green  
24-171-12



McReynolds  
24-172-12



Wheeler  
24-173-12



Knapp  
24-174-12



Fisher  
24-175-13



24-176-12



Meyhoefer  
24-177-13



24-178-14



McNaman  
24-179-14

Ophthalmology - Ophthalmologie  
Irispinzetten  
Iris Forceps



Fischer  
24-180-07  
7 cm/ 2¾"



Fischer-Arlt  
24-181-07  
7 cm/ 2¾"



Hess  
24-182-07  
7 cm/ 2¾"



Hess  
24-183-07  
7 cm/ 2¾"



Gill-Hess  
24-184-07  
7.5 cm/ 3"



Foerster  
24-186-08  
8.5 cm/ 3½"



Foerster  
24-187-08  
8.5 cm/ 3½"



Bishop-Harman  
24-188-08  
8.5 cm/ 3½"  
Fine



Bishop-Harman  
24-189-08  
8.5 cm/ 3½"  
Fine



Fuchs  
24-191-07  
7 cm/ 2¾"

Ophthalmology - Ophthalmologie  
 Irispinzetten  
 Iris Forceps



24-192-01 24-193-01 24-194-01



24-192-02 24-193-02 24-194-02

**Graefe**  
 24-192-01 - 24-194-02  
 11 cm/ 4 1/4"



24-195-10 24-196-10 24-197-10



24-198-10 24-199-10 24-200-10

**Stevens**  
 24-195-10 - 24-200-10  
 10 cm/ 4 1/4"



**Graefe**  
 24-201-07  
 7 cm/ 2 3/4"



**Graefe**  
 24-202-07  
 7 cm/ 2 3/4"



**Graefe**  
 24-203-07  
 7 cm/ 2 3/4"



**Graefe**  
 24-204-07  
 7 cm/ 2 3/4"



**Hess**  
 24-205-09  
 9 cm/ 3 1/2"



**Hess**  
 24-206-09  
 9 cm/ 3 1/2"

Ophthalmology - Ophthalmologie  
Kaoselpinzetten  
Capsular Forceps



Arruga-Nizetic  
24-207-10  
10 cm/ 4"



Castroviejo  
24-208-10  
10 cm/ 4"



Castroviejo  
24-209-10  
10 cm/ 4"



Gill-Arruga  
24-210-07  
7.5 cm/ 3"



Elschnig  
24-211-10  
10 cm/ 4"



Safar  
24-212-07  
7 cm/ 2 7/8"



Hess  
24-213-06  
6 cm/ 2 1/2"



Hess  
24-214-06  
6.5 cm/ 2 1/2"



Fuchs  
24-215-07  
7 cm/ 2 7/8"



Elschnig  
24-216-10  
10 cm/ 4"



Arruga  
24-217-09  
9.5 cm/ 3 7/8"



Arruga  
24-218-09  
9.5 cm/ 3 7/8"



Ophthalmology - Ophthalmologie  
 Finierpinzetten, Fasspinzetten  
 Fixation Forceps, Tissue Forceps



Graefe  
 24-219-11  
 11 cm/ 4½"



Graefe  
 24-220-11  
 11 cm/ 4½"



Schmidt-Rimpler  
 24-221-11  
 11 cm/ 4½"



24-222-11  
 11 cm/ 4½"  
 2:3



24-223-11  
 11 cm/ 4½"  
 3:4



Guist  
 24-224-10  
 10.5 cm/ 4¼"



Castroviejo  
 24-225-09  
 9 cm/ 3½"



Castroviejo  
 24-226-09  
 9 cm/ 3½"



Castroviejo  
 24-227-09  
 9 cm/ 3½"



Castroviejo  
 24-228-09  
 9 cm/ 3½"



Lester  
 24-229-12 1:2  
 24-229-23 2:3  
 9 cm/ 3½"

Ophthalmology - Ophthalmologie  
 Nahtpinzetten  
 Suture Forceps



Castroviejo  
 24-230-10  
 10 cm/ 4"



Castroviejo  
 24-231-10  
 10 cm/ 4"



Dastoor  
 24-232-10  
 10 cm/ 4"



Moorfield  
 24-233-10  
 10 cm/ 4"



Kronfeld  
 24-234-08  
 8 cm/ 3 1/4"



Colibri (Barraquer)  
 24-235-07  
 7 cm/ 2 7/8"



Girard  
 24-236-10  
 10 cm/ 4"



Girard  
 24-237-10  
 10 cm/ 4"



Castroviejo  
 24-238-09  
 9 cm/ 3 1/2"



24-239-07  
 7 cm/ 2 3/4"



Barraquer  
 24-240-05  
 5 cm/ 2"

Ophthalmology - Ophthalmologie  
Chalazionspinzetten  
Chalazion Forceps



Ayer  
24-241-09  
9 cm/ 3½"



Ayer  
24-242-09  
9 cm/ 3½"



Hunt  
24-243-09  
9 cm/ 3½"



Lambert  
24-244-09  
9 cm/ 3½"



Cauer  
24-245-10  
10 cm/ 4"



Lordan  
24-246-09  
9 cm/ 3½"



Desmarres  
24-247-09 - 24-249-09  
9 cm/ 3½"



24-247-09



24-248-09

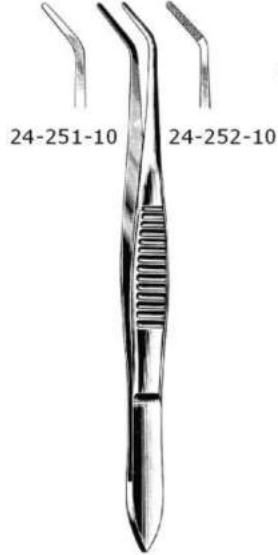


24-249-09

Ophthalmology - Ophthalmologie  
 Nahtpinzetten, Entropiumpinzetten  
 Suture Forceps, Entropium Forceps



Bonaccolto  
 24-250-10  
 10 cm/ 4"



Nugent  
 24-251-10 - 24-252-10  
 10 cm/ 4"



Reese  
 24-253-10  
 10 cm/ 4"



Blascovics  
 24-254-09  
 9 cm/ 3½"



Blascovics  
 24-255-09  
 9 cm/ 3½"



24-256-11  
 11 cm/ 4½"



24-257-11  
 11 cm/ 4½"  
 1:2



Bonaccolto  
 24-258-10  
 10 cm/ 4"



Snellen  
 24-259-10  
 10 cm/ 4"

Snellen  
 24-260-10  
 10 cm/ 4"



Ophthalmology - Ophthalmologie  
Iris Scheren, Hornhautscheren  
Iris Scissors, Corneal Scissors



Castroviejo  
24-261-10  
10 cm/ 4"



Castroviejo  
24-262-09  
9 cm/ 3½"



Westcott  
24-263-11  
11 cm/ 4½"



24-264-11  
Blunt



Castroviejo  
24-265-11  
11 cm/ 4½"



Castroviejo  
24-266-11  
11 cm/ 4½"



Castroviejo  
24-267-11  
11 cm/ 4½"

Ophthalmology - Ophthalmologie  
 Irisscheren, Schnenschnenscheren  
 Iris Scissors, Tenotomy Scissors



Fig. 01



Fig. 02



Fig. 03

Noyes  
 24-268-12 - 24-270-12  
 12 cm/ 4 7/8"

Fig.	
1	24-268-12
2	24-269-12
3	24-270-12



Noyes  
 24-271-12 - 24-273-12  
 12 cm/ 4 1/2"

Fig.	
1	24-271-12
2	24-272-12
3	24-273-12



24-275-08



Vannas  
 24-274-08  
 8 cm/ 3 1/8"



Barraquer  
 24-276-05  
 5.5 cm/ 2 1/8"



24-277-11



24-278-11



24-279-11

Wecker  
 24-277-11 - 24-279-11  
 11 cm/ 4 1/2"

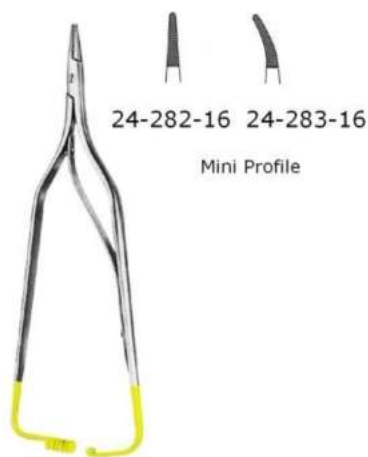


Berens  
 24-280-16  
 16 cm/ 6 1/4"



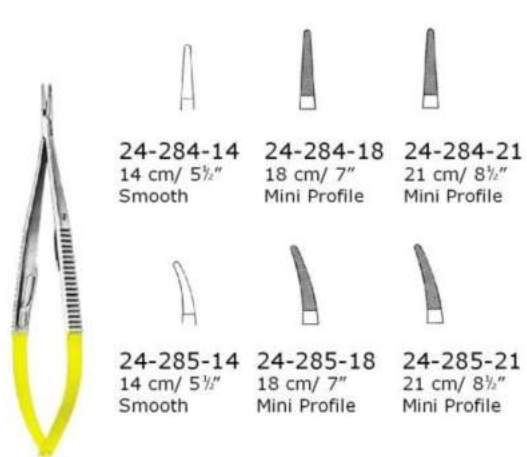
Noyes  
 24-281-15  
 15 cm/ 6"

Ophthalmology - Ophthalmologie  
 Augen Nadelhalter mit hart Metalleinsätzen  
 Eye Needle Holders with Tungsten Carbide Inserts



24-282-16 24-283-16  
 Mini Profile

Arruga  
 24-282-16 - 24-283-16  
 16 cm/ 6 1/2"



24-284-14 14 cm/ 5 1/2" Smooth	24-284-18 18 cm/ 7" Mini Profile	24-284-21 21 cm/ 8 1/2" Mini Profile
24-285-14 14 cm/ 5 1/2" Smooth	24-285-18 18 cm/ 7" Mini Profile	24-285-21 21 cm/ 8 1/2" Mini Profile

Castroviejo  
 24-284-14 - 24-285-21



Smooth

Castroviejo  
 24-286-13  
 13 cm/ 5"



Smooth

Barraquer  
 24-287-13  
 13 cm/ 5"  
 With Lock



Smooth

Barraquer  
 24-288-13  
 13 cm/ 5"

## TC INSTRUMENTS



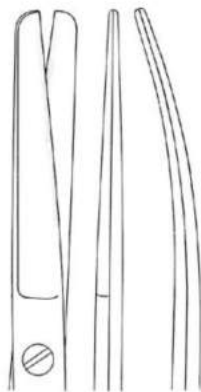
Scissors with Tougsten Carbide Inserts

Dissecting Forceps with Tougsten Carbide

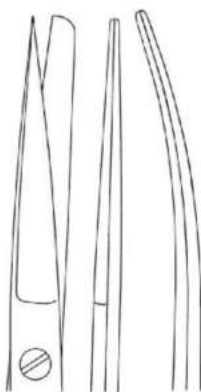
Needle Holder with Tougsten Carbide Inserts



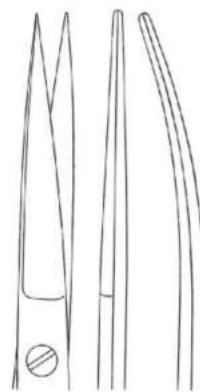
TC Instruments  
Scheren mit Hartmetalleinsätzen  
Scissors with Tungsten Carbide Inserts



25-101-14 Str.  
25-102-14 Cvd.

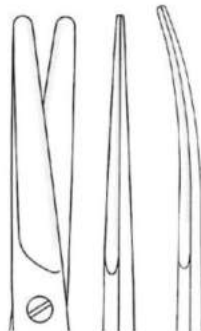


25-103-14 Str.  
25-104-14 Cvd.



25-105-14 Str.  
25-106-14 Cvd.

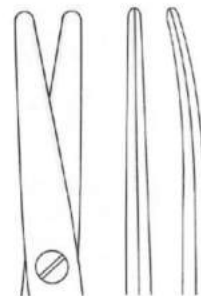
Standard  
25-101-14 - 25-106-14  
14 cm/ 5½"



25-107-14 14 cm/ 5½"  
25-107-17 17 cm/ 6½"  
25-107-23 23 cm/ 9"  
Str.

25-108-14  
25-108-17  
25-108-23  
Cvd.

Mayo  
25-107-14 - 25-108-23

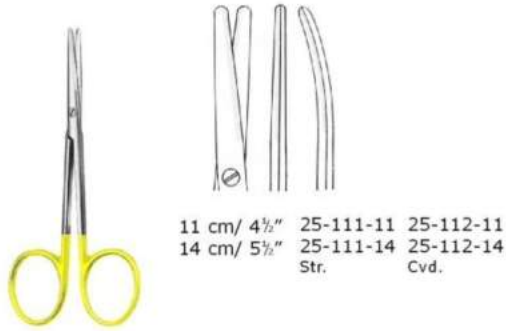


25-109-15 15 cm/ 6"  
25-109-17 17 cm/ 6½"  
Str.

25-110-15  
25-110-17  
Cvd.

Mayo-Stillé  
25-109-15 - 25-110-17

Instrumentarium mit Hartmetalleinsätzen  
 Scheren mit Hartmetalleinsätzen  
 Scissors with Tungsten Carbide Inserts



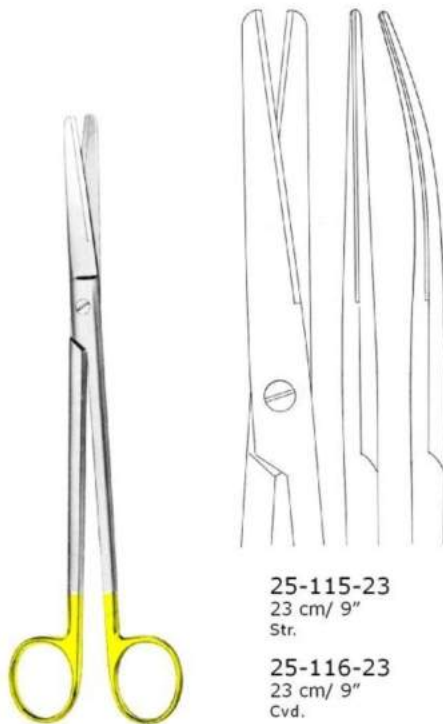
11 cm/ 4½" 25-111-11 25-112-11  
 14 cm/ 5½" 25-111-14 25-112-14  
 Str. Cvd.

Metzenbaum  
 25-111-11 - 25-112-14



27-114-11  
 11.5 cm/ 4½"  
 Cvd.

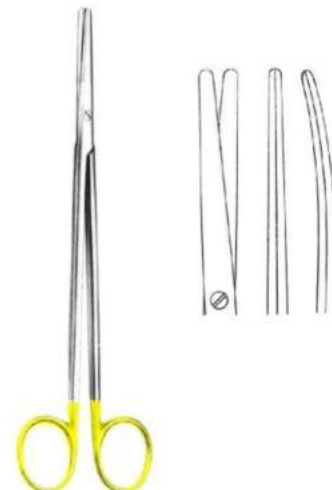
25-113-11  
 11.5 cm/ 4½"  
 Str.



25-115-23  
 23 cm/ 9"  
 Str.

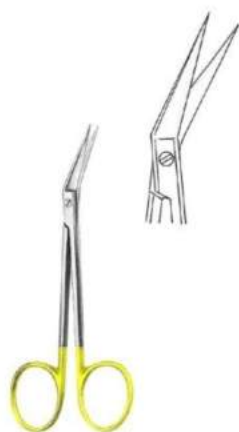
25-116-23  
 23 cm/ 9"  
 Cvd.

Sims  
 25-115-23 - 25-116-23



Metzenbaum  
 25-117-14 - 25-118-25  
 25-117-14 14 cm/ 5½" 25-118-14  
 25-117-18 18 cm/ 7" 25-118-18  
 25-117-20 20 cm/ 8" 25-118-20  
 25-117-23 23 cm/ 9" 25-118-23  
 25-117-25 25 cm/ 10" 25-118-25  
 Str. Cvd.

TC Instruments  
 Scheren mit Hartmetalleinsätzen  
 Scissors with Tungsten Carbide Inserts

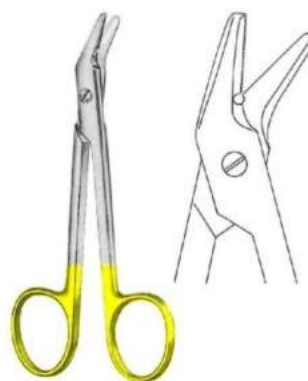


Angular  
 25-119-11  
 11.5 cm/ 4½"



25-121-16

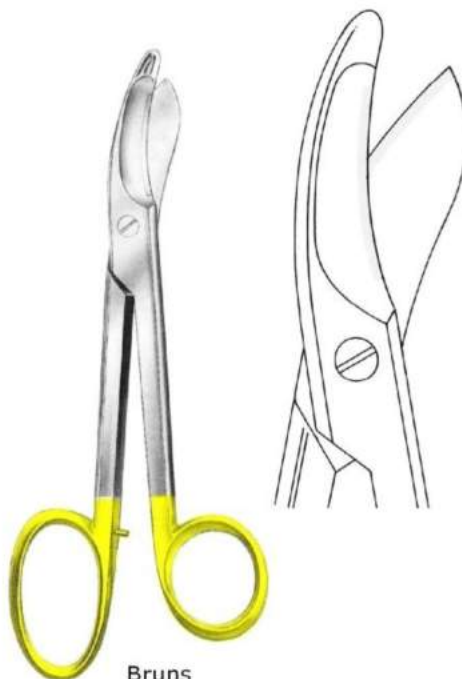
Kelly  
 25-120-16 - 25-121-16  
 16 cm/ 6¼"



Universal  
 25-122-12  
 12 cm/ 4¾"



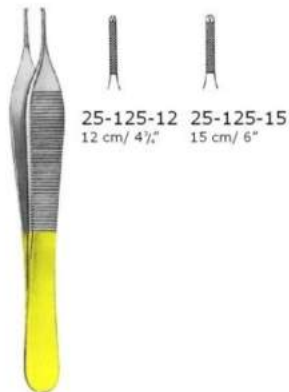
Lister  
 25-123-14 14 cm/ 5½"  
 25-123-18 18 cm/ 7½"



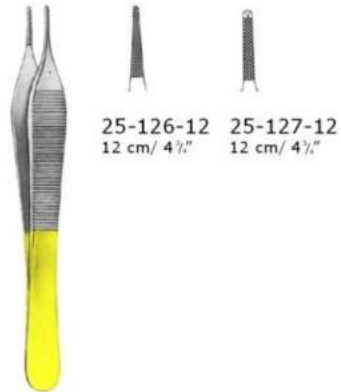
Bruns  
 25-124-24  
 24 cm/ 9½"



Instrumentarium mit Hartmetalleinsätzen  
 Pinzetten mit Hartmetalleinsätzen  
 Dissecting Forceps with Tungsten Carbide Inserts



Micro-Adson  
 25-125-12 - 25-125-15  
 Mini Profile



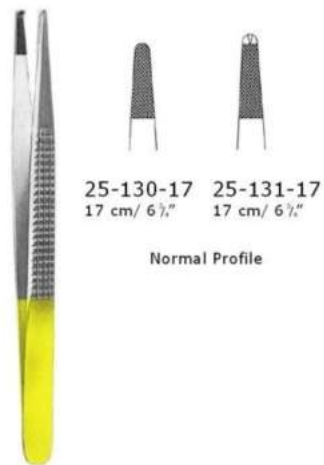
Adson  
 25-126-12 - 25-127-12  
 Normal Profile



Cushing  
 25-128-18  
 18 cm / 7"



Cushing-Taylor  
 25-129-18  
 18 cm / 7"



Bonney  
 25-130-17 - 25-131-17  
 Normal Profile

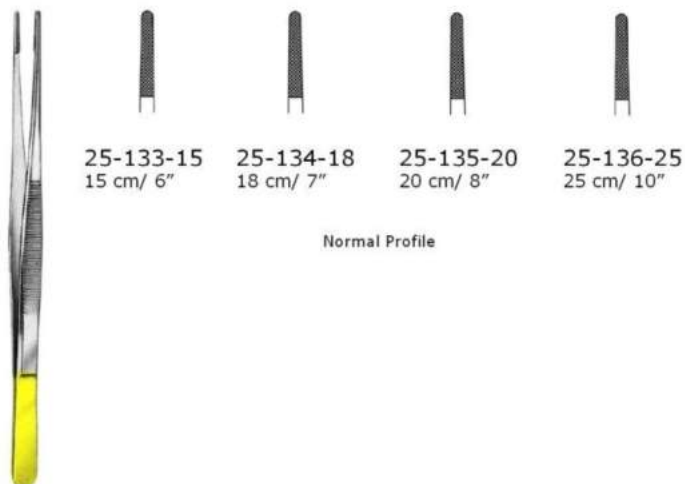


Gerald  
 25-132-17  
 Mini Profile





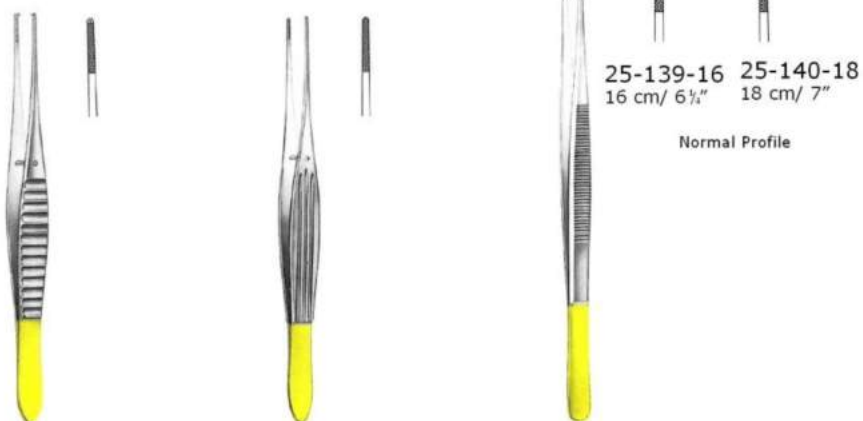
TC Instruments  
Pinzetten mit Hartmetalleinsätzen  
Dissecting Forceps with Tungsten Carbide Inserts



25-133-15 15 cm/ 6"  
25-134-18 18 cm/ 7"  
25-135-20 20 cm/ 8"  
25-136-25 25 cm/ 10"

Normal Profile

Potts-Smith  
25-133-15 - 25-136-25



25-139-16 16 cm/ 6 1/4"  
25-140-18 18 cm/ 7"

Normal Profile

Gillies  
25-137-15  
15 cm/ 6"

Mc Indoe  
25-138-15  
15 cm/ 6"

Semken  
25-139-16 - 25-140-18

Instrumentarium mit Hartmetalleinsätzen  
Nadelhalter mit Hartmetalleinsätzen  
Needle Holders with Tungsten Carbide Inserts



Smooth

**Webster**  
25-141-13  
13 cm / 5"



Mini Profile

**Derf**  
25-142-13  
12 cm / 4 7/8"



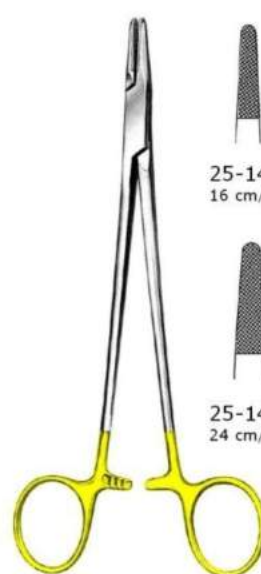
Normal Profile

**Hegar-Baumgartner**  
25-143-14  
14 cm / 5 1/2"



Mini Profile

**Crile-Wood**  
25-144-15  
15 cm / 6"



25-145-16  
16 cm / 6 1/2"



25-145-18  
18 cm / 7"



25-145-20  
20 cm / 8"



25-145-24  
24 cm / 9 1/2"



25-145-26  
26 cm / 10 1/2"

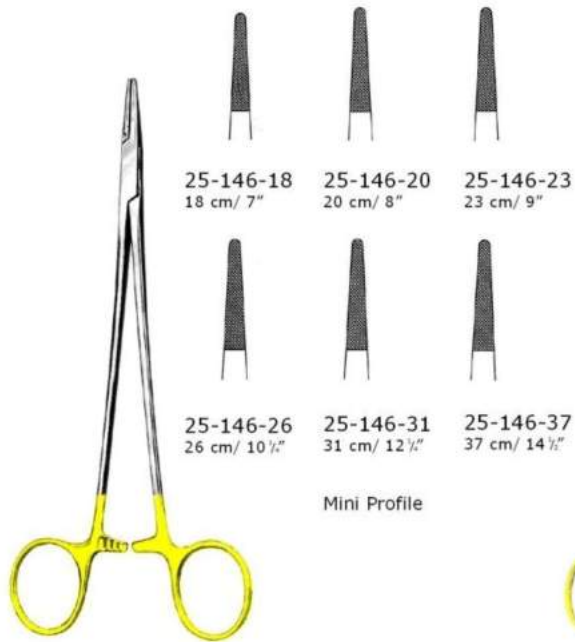


25-145-30  
30 cm / 12"

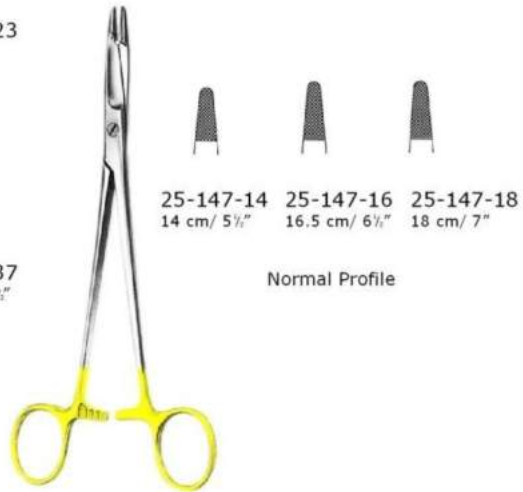
Normal Profile

**Mayo-Hegar**  
25-145-16 - 25-145-30

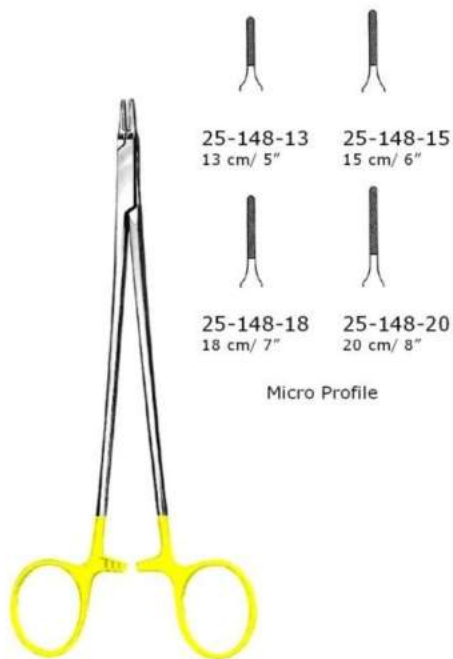
TC Instruments  
Nadelhalter mit Hartmetalleinsätzen  
Needle Holders with Tungsten Carbide Inserts



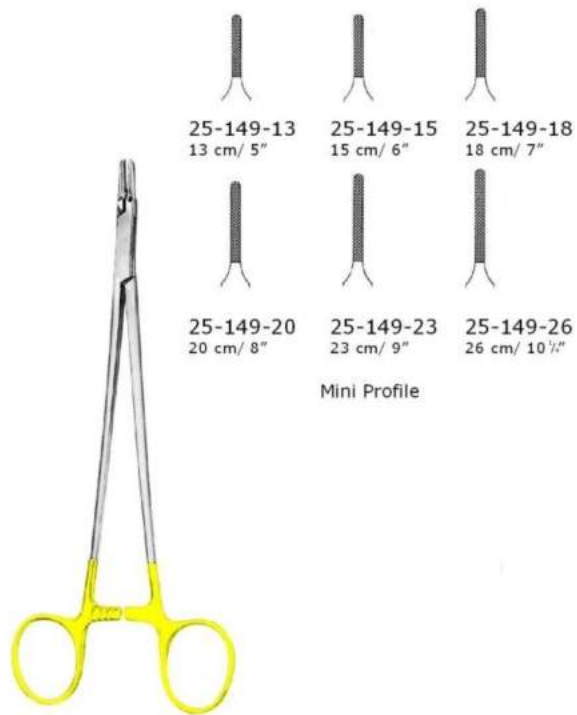
De Bakey  
25-146-18 - 25-146-37



Olsen-Hegar  
25-147-14 - 25-147-18



Ryder-Vascular  
25-148-13 - 25-148-20

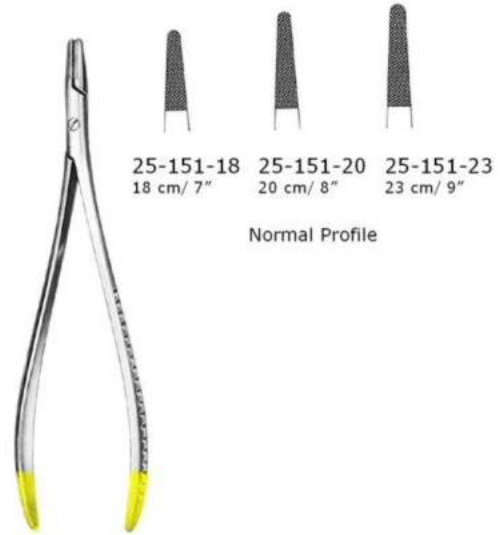


Ryder  
25-149-13 - 25-149-26

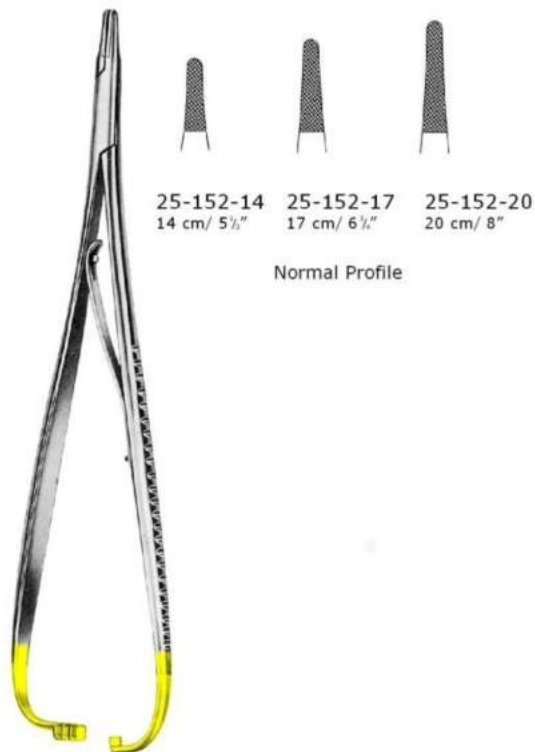
Instrumentarium mit Hartmetalleinsätzen  
Nadelhalter mit Hartmetalleinsätzen  
Needle Holders with Tungsten Carbide Inserts



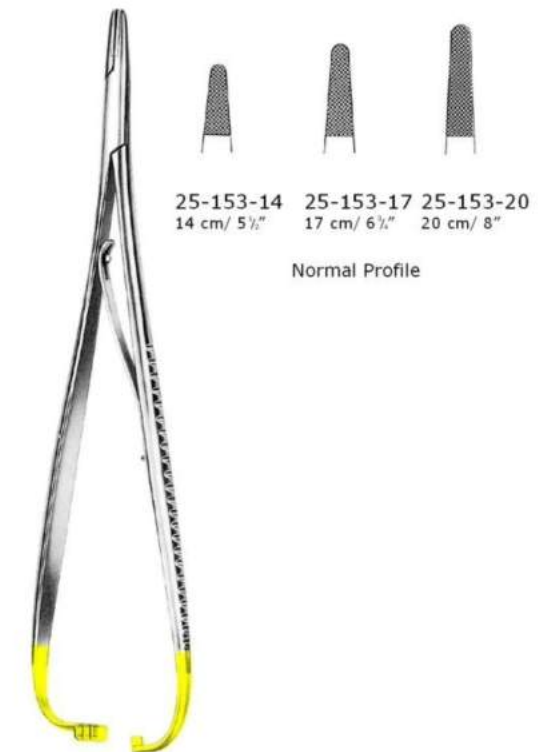
Toennis  
25-150-18  
18 cm / 7"



Langenbeck  
25-151-18 - 25-151-23



Mathieu-Kocher  
25-152-14 - 25-152-20



Mathieu  
25-153-14 - 25-153-20



## STERILIZATION



**Strilizing Forceps, Dressing Strilizing Drums**

**Instruments Boxes**

**Instruments Storing Trays**

**Round Bolls, Jaws, Graduatad Measures**

**Cotton Wool, Kindney Bolls, Solution Bolls**

Sterilization - Sterilisation  
Sterilisierzangen, Verbandstoffrommeln  
Sterilizing Forceps, Dressing Sterilizing Drums

With ball stop



**Cheattle**  
26-101-27  
27cm/ 10½"



26-102-20 20cm/ 8"  
26-102-30 30cm/ 12"



**Bunt (Mayo)**  
26-103-14  
14cm/ 5½"



**Bunt (Mayo)**  
26-104-14  
14cm/ 5½"

Sterilizing Drums



	Ø	H
26-105-01	80	80 mm
26-105-02	120	120 mm
26-105-03	190	140 mm
26-105-04	190	200 mm
26-105-05	160	120 mm
26-105-06	240	120 mm
26-105-07	240	160 mm
26-105-08	240	240 mm
26-105-09	290	120 mm
26-105-10	290	160 mm
26-105-11	290	240 mm
26-105-12	340	160 mm
26-105-13	340	240 mm
26-105-14	390	145 mm
26-105-15	390	200 mm
26-105-16	390	290 mm

Sterilization - Sterilisation  
Instrumentenkästen  
Instrument Boxes

Style A



Instrument Box  
Style "A"

	L	W	D
26-106-01	180 x	90 x	35 mm
26-106-02	200 x	100 x	35 mm
26-106-03	200 x	100 x	50 mm
26-106-04	220 x	120 x	50 mm
26-106-05	250 x	150 x	50 mm
26-106-06	300 x	150 x	60 mm

Style B



Instrument Box  
Style "B"

	L	W	D
26-107-01	165 x	90 x	35 mm
26-107-02	180 x	80 x	50 mm
26-107-03	200 x	100 x	35 mm
26-107-04	200 x	100 x	50 mm
26-107-05	230 x	130 x	50 mm
26-107-06	250 x	120 x	60 mm
26-107-07	250 x	150 x	50 mm
26-107-08	300 x	200 x	50 mm
26-107-09	300 x	150 x	60 mm
26-107-10	350 x	180 x	70 mm

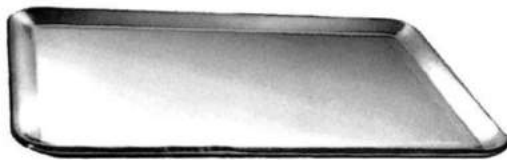


Sterilization - Sterilisation  
 Instrumentenablageplatten  
 Instrument Storing Trays



**Instrument Trays**

26-108-01	150 x 100 x 25 mm
26-108-02	200 x 150 x 38 mm
26-108-03	250 x 200 x 50 mm
26-108-04	300 x 250 x 50 mm
26-108-05	355 x 305 x 50 mm
26-108-06	405 x 305 x 50 mm
26-108-07	460 x 300 x 50 mm



**Instrument Trays**

26-109-01	230 x 180 x 10 mm
26-109-02	300 x 150 x 10 mm
26-109-03	300 x 200 x 10 mm
26-109-04	370 x 250 x 10 mm
26-109-05	420 x 280 x 10 mm



**Spirit Lamp**  
 26-110-01  
 Double Bolt (120cc)





Sterilization - Sterilisation  
Runde Schalen, Standgefäße, Meßbecher  
Round Bowls, Jars, Graduated Measures



Round Bowls

	∅	D	Capacity
26-111-01	167 x	62 mm	0.9 L
26-111-02	200 x	75 mm	1.4 L
26-111-03	230 x	82 mm	2.2 L
26-111-04	261 x	94 mm	3.0 L
26-111-05	292 x	103 mm	4.0 L
26-111-06	328 x	111 mm	5.7 L

Forcep Jars



	∅	Height
26-112-01	30 x	90 mm
26-112-02	50 x	100 mm
26-112-03	50 x	130 mm
26-112-04	50 x	175 mm
26-112-05	75 x	100 mm
26-112-06	75 x	130 mm
26-112-07	75 x	175 mm
26-112-08	100 x	175 mm
26-112-09	100 x	200 mm

Medicine Cups



26-113-25  
25 cc



26-114-50  
50 cc



26-115-90  
∅90 x 90 mm, height



26-116-80  
∅80 x 90 mm

Sterilization - Sterilisation  
Nierenschalen, Spülschalen (Kummen)  
Cotton Wool, Kidney Bowls, Solution Bowls



Dressing Jars

	∅	Height
26-117-01	75 x 75 mm	
26-117-02	100 x 100 mm	
26-117-03	125 x 125 mm	
26-117-04	150 x 150 mm	
26-117-05	180 x 180 mm	
26-117-06	200 x 200 mm	
26-117-07	250 x 250 mm	
26-117-08	300 x 300 mm	



Kidney Trays

26-118-01	150 mm
26-118-02	170 mm
26-118-03	200 mm
26-118-04	250 mm
26-118-05	300 mm



Solution Bowl

	∅	Height
26-119-01	50 x 25 mm	
26-119-02	80 x 40 mm	
26-119-03	100 x 45 mm	
26-119-04	115 x 50 mm	
26-119-05	150 x 60 mm	
26-119-06	200 x 90 mm	
26-119-07	250 x 100 mm	
26-119-08	300 x 115 mm	



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