



KENT  
SURGICAL

# Surgical Instruments

Edition 1.2



# About

Kent Surgical Industries is a part of a well-established group of companies in the United Arab Emirates and has had its root in the country for over two decades. We are an ISO 9001, 13485, and UAE MOH-certified manufacturer of Surgical Instruments and associated products.

We manufacture high-quality instruments and provide services for repair and refurbishment. We also pride ourselves on being the first company to develop and offer a software solution to manage and track surgical instruments in a healthcare facility along with our instruments.

We aim to meet the stringent quality requirements for our products, provide faster services and focus on the innovation of new products.

# Vision

We commit to improving the quality of life by delivering innovative and high-quality medical products that are manufactured sustainably.

# Mission

Our mission is to keep quality and innovation at the center of everything we do.

We aim to maintain our employees' safety and well-being while keeping the environment in mind while we strive to achieve our goal of improved patient safety.

We aim to expand globally to bring our products and services to the maximum number of patients.

# Quality Assurance:

Kent Surgical Industry is an ISO 9001, ISO 13485 and UAE MOH GMP certified company.

We have strict quality checks on incoming raw materials, in-process quality control, and before the product's final release.

In addition, we have a dedicated high-tech QC laboratory with calibrated equipment such as X-ray Fluorescence, Rockwell, Microscope, Autoclave, etc., to confirm the quality parameters.





Kent Surgical Instruments carry a lifetime guarantee from the date of purchase on any fault found due to poor material. All our products are uniquely barcoded with GS1 barcodes for traceability. The laser mark meets FDA's UDI requirement. The marking is done by state-of-art laser machine by a process that is validated.





# Production Capabilities

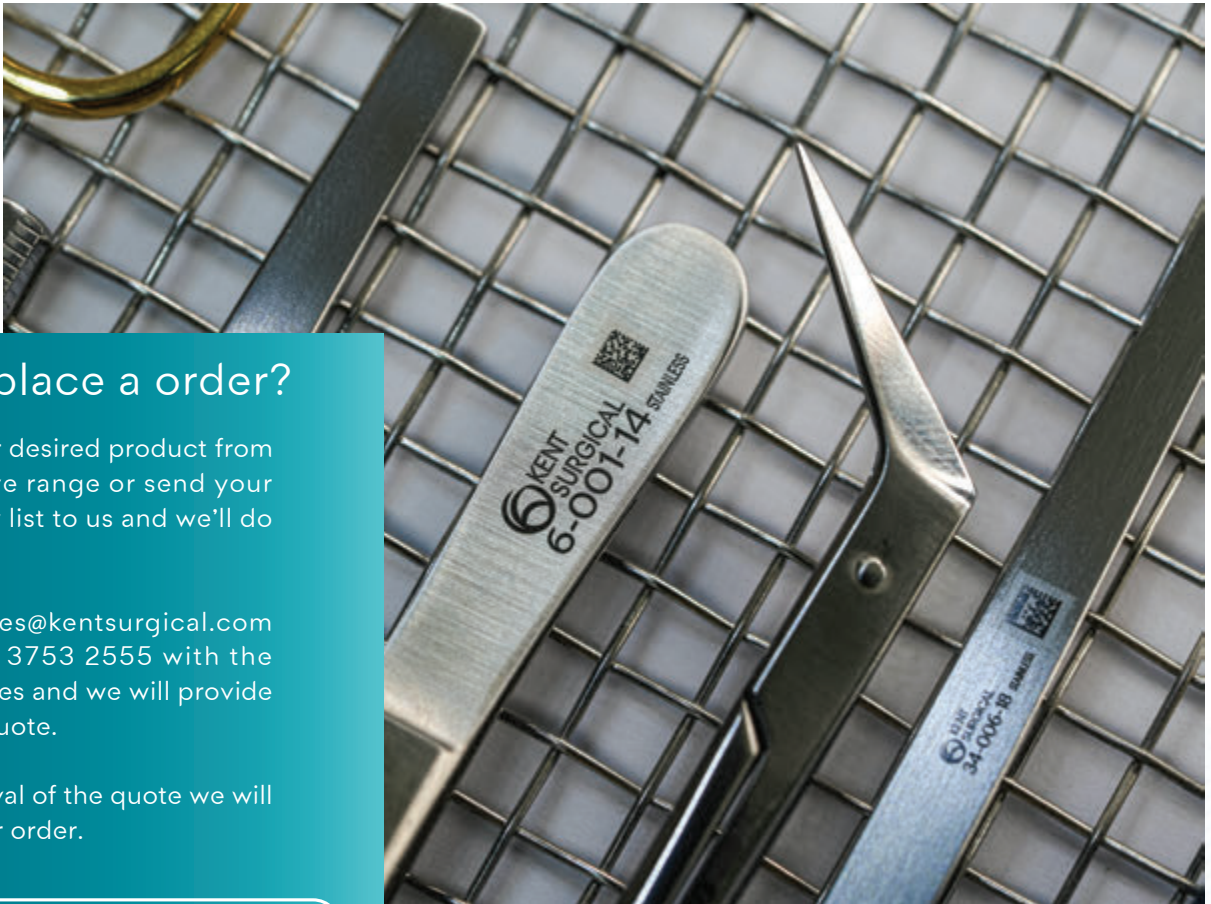
Kent Surgical has validated instrument manufacturing capabilities. We undergo key processes: Surface Finishing, Passivation, Laser Marking, Electropolishing, Grinding, and Welding.

All the processes are validated, documented, and in line with various international standards, such as ISO 7151, ISO 6508, ISO 7741, and ASTM A967, to name a few.





The instruments are laser marked with GS1 Datamatrix barcode for identification and traceability. After marking, the instruments undergo passivation treatment for corrosion resistance.



## How to place a order?

- 1 Choose your desired product from our extensive range or send your detailed tray list to us and we'll do the work.
- 2 Email on [sales@kentsurgical.com](mailto:sales@kentsurgical.com) or call +971 3753 2555 with the product codes and we will provide you with a quote.
- 3 Upon approval of the quote we will process your order.



### FOR ANY SUPPORT

Please Email on:  
[support@kentsurgical.com](mailto:support@kentsurgical.com)

# Repair & Refurbish Services

- ➔ Surgical Instrument comprises a significant proportion of your medical facilities' total assets. Kent Surgical understands the value of this investment.
- ➔ As a manufacturer of surgical instruments, we have the knowledge, expertise and craftsmanship to maintain your surgical instrument with the same strict quality standards and components as those used in original instrument manufacturing.
- ➔ We bring back the life of your instrument just as if it was "like new" condition.
- ➔ We are an ISO 13485-certified facility for surgical instrument manufacturing and repair.
- ➔ We provide 6 months warranty as standard on all instrument repairs.
- ➔ The Instrument can be laser marked, or color-coded as per customers' requirements.
- ➔ Customers can enter into an Annual Maintenance Contract to save up significant costs on refurbishment and ensure that their instruments are always up and running as it is intended.
- ➔ To make sure your Operation Theatre does not stop, we have the option to repair or refurbish your instruments in as fast as 48 hours\* (except for TC Instrument or complex repairs).





**KENT SURGICAL**  
COMMITTED TO EXCELLENCE

# Instrutrack Product Information

Healthcare facilities invest millions of dollars in purchasing surgical instruments but need the means to manage them. There is no count of how many instruments are damaged or went missing. There is no way to accurately locate an instrument in a hospital without navigating through tedious documents. A crucial step in achieving patient safety is the traceability of the instrument used on a patient, and this is done manually and is prone to errors.

The remedy to all the aforementioned problems is the Instrument Management System: **Instrutrack**.





Instrutrack is a comprehensive web-based software solution that systematically integrates data, design, and technology. It documents each step of reprocessing from Decontamination (Cleaning) to use on a patient electronically. Every stage offers users guidance through alerts or documents such as IFU to avoid human errors. In addition, we offer the flexibility to track instruments individually or in the form of a set.

The software offers you to manage your surgical instrument life-cycle from the time it is purchased till it is discarded and can also give you vital information such as how many times it was used, missed, broken, or sent for repair. In addition, the software provides reports on the total inventory available and its cost with multiple filters such as Category, Sub-Category, Department, and Customer.

We offer to laser-mark or tag your instrument and sets with DataMatrix codes and provide you with a 360° solution for implementing this system in the easiest. Instrutrack is developed to scale up as your hospital grows and is modular so that you can start with just one module and gradually add other modules helping you achieve your digital transformation successfully.

# Conversion Scales and Gauges

Conversion Scale		
To Convert From	To	Multiply
Ounces (AVDP.)	Grams	28.349523
Ounces (APOTH.)	Grams	31.103486
Grains	Grams	0.06479891
Pounds (AVDP.)	Kilograms	0.45359237
Inches	Centimeters	2.54
Feet	Meters	0.3048
Yards	Meters	0.9144
Ounces (U.S. Fluid)	Cubic Centimeters	29.573730
Ounces (British Fluid)	Cubic Centimeters	28.41305
Quarts (U.S. Fluid)	Liters	0.9463264
Cubic Inches	Cubic Centimeters	16.387064
Grams	Grains	15.432358
Grams	Ounces (AVDP.)	0.35273962
Grams	Ounces (APOTH.)	0.32150737
Kilograms	Pounds (AVDP.)	2.2046226
Millimeters	Inches	0.039370079
Centimeters	Inches	0.39370079
Meters	Feet	3.2808399
Cubic Centimeters	Cubic Inches	0.61023744
Cubic Centimeters (Fluid)	Ounces U.S. Fluid	0.33814023
Liters	Quarts (U.S. Fluid)	1.056718

## Fahrenheit and Centigrade Scales

F.	C.
500°	260°
400	205
392	200
383	195
374	190
356	180
347	175
338	170
329	165
320	160
311	155
302	150
284	140
275	135
266	130
248	120
239	115
230	110
212	100
203	95
194	90
176	80
167	75
140	60
122	50
113	45
105	40.56
104	40
100	37.8
98.5	36.9
95	35
86	30
77	25
68	20
50	10
41	5
32	0
23	-5
14	-10
+5	-15
-4	-20
-13	-25
-22	-30
-40	-40
-76	-60

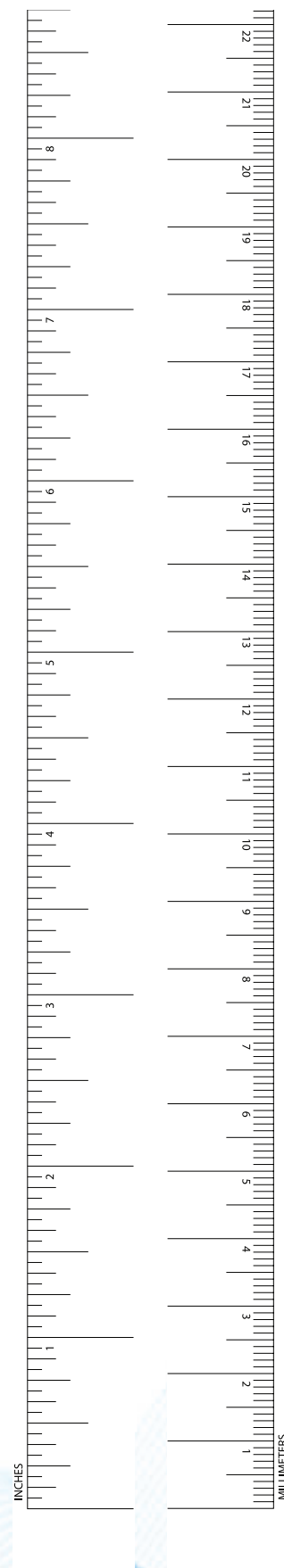
1°F. = 5/9°C.

1.8°F. = 1°C.

3.6°F. = 2°C.

4.5°F. = 2.5°C.

5.4°F. = 3°C.



# Conversions

Fractional Inches	Millimeters
1/16	1.588
1/8	3.175
3/16	4.736
1/4	6.350
5/16	7.938
3/8	9.525
7/16	11.113
1/2	12.700
9/16	14.288
5/8	15.875
11/16	17.463
3/4	19.050
13/16	20.638
7/8	22.225
15/16	23.813
1	25.400

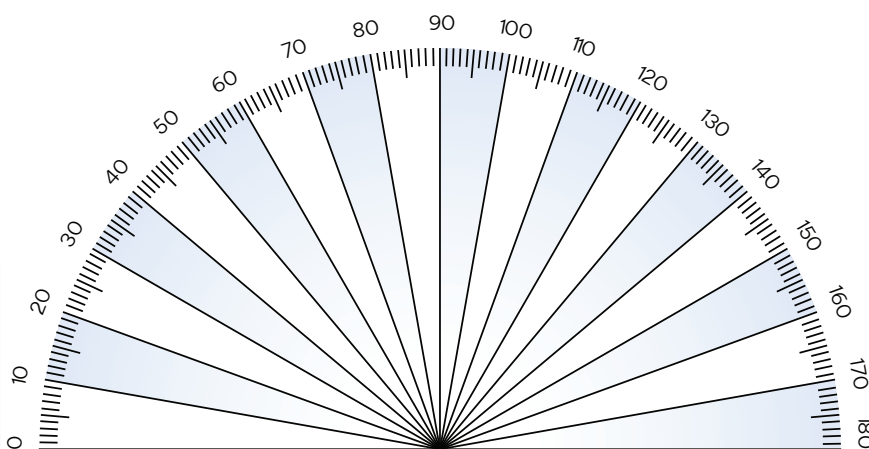
## Conversions:

Inches to Centimeters  
 $\text{cm} = \text{in} \times 2.54$

Centimeters to Inches  
 $\text{in} = \text{cm} \times 0.3937$

Millimeters to Inches  
 $\text{in} = \text{mm} \times 0.03937$

## Instrument Angles



# Standard French (Charrière) Gauge

## Standard French:

The standard French or Charrière is used to measure diameters of all Bougies, Sounds, Catheters, Suction Tubes and Uterine Dilators.

## Example:

12 Fr indicates a diameter of 4 mm  
21 Fr indicates a diameter of 7 mm

French	3	4	5	6	7	8	9	10	11	12	13	14	15
American				4			6			8			10
	1 mm			2 mm			3 mm			4 mm		5 mm	











French	16	17	18	19	20	22	24	26	28	30	32	34
American			12				16			20		
			6 mm				8 mm			10 mm		

















French	36	38	40	42	44	45
American	24					30
	12 mm					15 mm

\* Chart is actual size

# Index

We have following sub-categories for our instrument range which is subject to change.

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02

# Scalpels

# Dissecting Knives

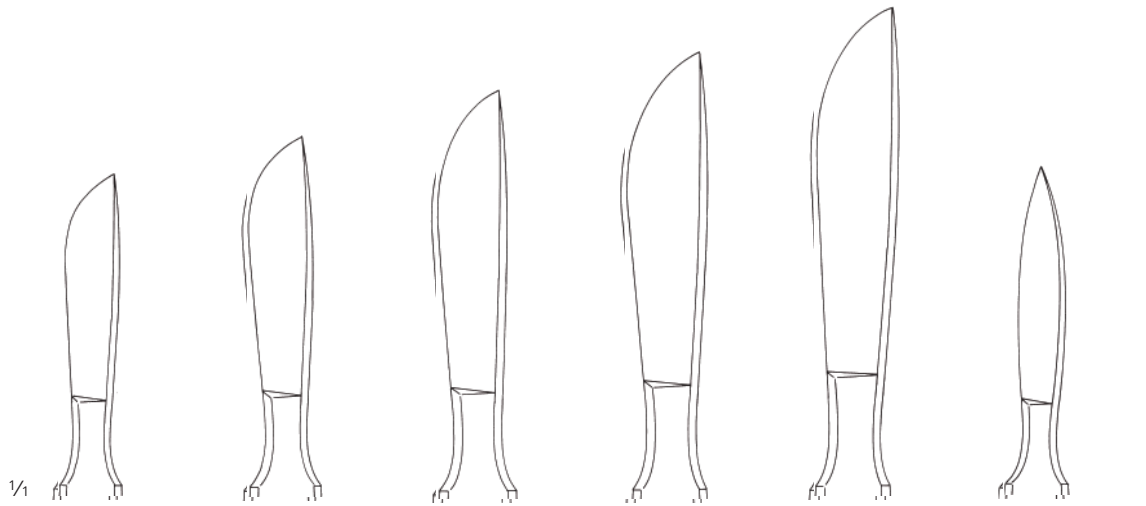


Fig. 1

**2-001-01**  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"



Fig. 2

**2-001-02**  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"



Fig. 3

**2-001-03**  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub>"



Fig. 4

**2-001-04**  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



Fig. 5

**2-001-05**  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



Fig. 6

**2-001-06**  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"

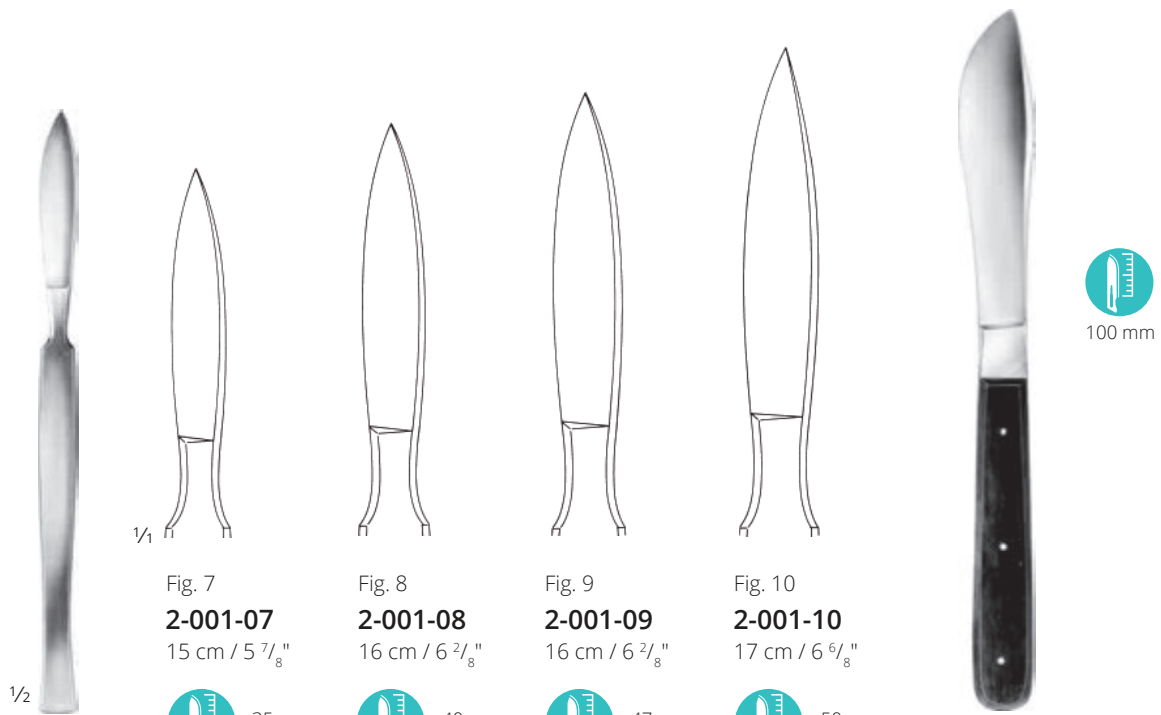


Fig. 7

**2-001-07**  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"



Fig. 8

**2-001-08**  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



Fig. 9

**2-001-09**  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



Fig. 10

**2-001-10**  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



**2-001-01**  
**2-001-10**  
with metal handle

**2-002-25**  
25 cm / 9 <sup>7</sup>/<sub>8</sub>"  
with wooden handle

## Brain Knives

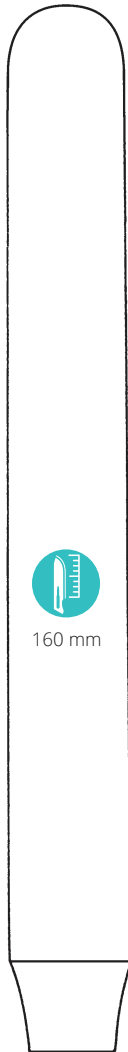
02



1/2

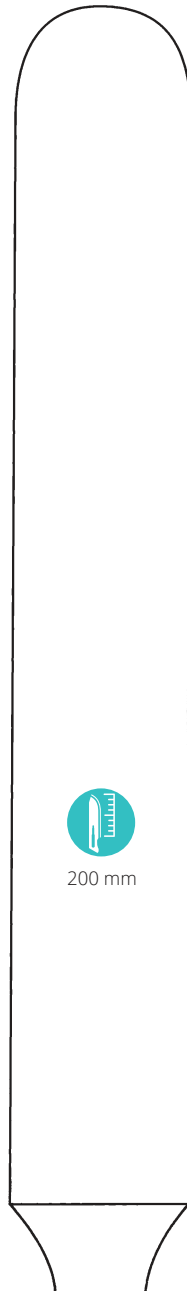
**Virchow**  
**2-003-16**  
**2-003-24**

with hollow handle  
mit Hohlheft  
con mango hueco  
avec manche creux  
con manico vuoto



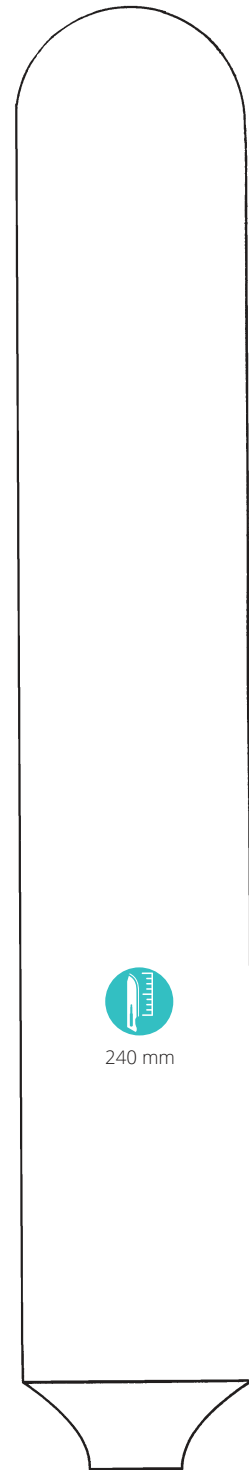
160 mm

**2-003-16**  
26 cm / 10 1/4"



200 mm

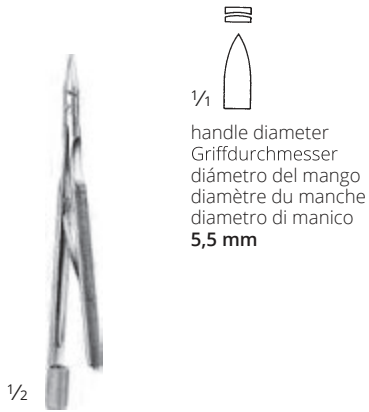
**2-003-20**  
33.5 cm / 13 1/4"



240 mm

**2-003-24**  
38 cm / 15"

## Blade Holders / Blade Breakers



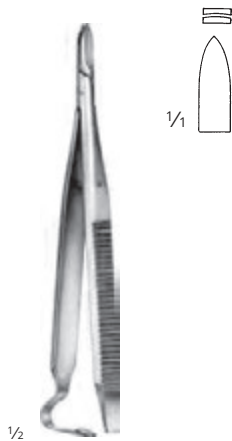
handle diameter  
Griffdurchmesser  
diámetro del mango  
diamètre du manche  
diametro di manico  
**5,5 mm**

**Troutman-Chris**  
**2-004-09**  
9 cm / 3 <sup>4</sup>/<sub>8</sub> "

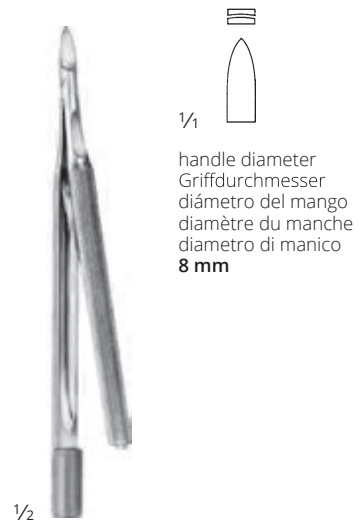


handle diameter  
Griffdurchmesser  
diámetro del mango  
diamètre du manche  
diametro di manico  
**5,5 mm**

**Troutman-Chris**  
**2-005-09**  
9 cm / 3 <sup>4</sup>/<sub>8</sub> "



**2-005-11**  
11 cm / 4 <sup>3</sup>/<sub>8</sub> "



handle diameter  
Griffdurchmesser  
diámetro del mango  
diamètre du manche  
diametro di manico  
**8 mm**

**Castroviejo**  
**2-006-13**  
13 cm / 5 <sup>1</sup>/<sub>8</sub> "

# Scalpel Handles



1/2 Nr. 4



Fig. 18-36

**2-007-04**  
13.5 cm / 5 3/8"  
solid  
massiv  
macizo  
solide  
pieno



1/2 Nr. 3 & 4



Fig. 10-36

**2-007-34**  
16 cm / 6 2/8"  
solid  
massiv  
macizo  
solide  
pieno



1/2 Nr. 4L



Fig. 18-36

**2-008-41**  
21 cm / 8 2/8"  
solid  
massiv  
macizo  
solide  
pieno

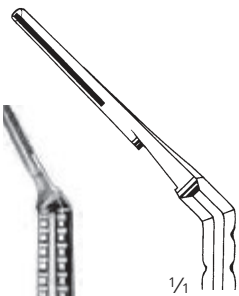


1/2 Nr. 4L



Fig. 18-36

**2-008-45**  
20.5 cm / 8 1/8"  
solid  
massiv  
macizo  
solide  
pieno



1/1

**45°**  
aufgebogen  
curved upwards  
curva por arriba  
courbée en haut  
curva in alto

## Blade Holders / Blade Breakers



**Collin**

**2-009-08**

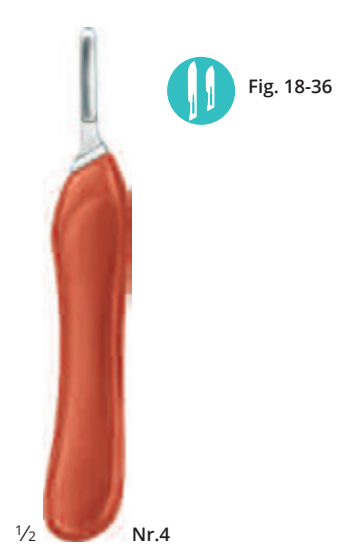
13 cm / 5 <sup>3</sup>/<sub>8</sub> "  
with hollow handle  
mit Hohlheft  
con mango hueco  
avec manche creux  
con manico vuoto



**Collin**

**2-010-09**

14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "  
with hollow handle  
mit Hohlheft  
con mango hueco  
avec manche creux  
con manico vuoto



**2-011-04**

13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
with plastic handle  
mit Kunststoffheft  
con mango plástico  
avec manche en matière plastique  
con mango plástico



**2-012-03**

15.5 cm / 6 <sup>1</sup>/<sub>8</sub> "  
swivel head  
Schwenkkopf  
con cabeza orientable  
à tête pivotante  
con testa inclinabile



**2-013-04**

16.5 cm / 6 <sup>2</sup>/<sub>8</sub> "  
with hollow handle  
mit Hohlheft  
con mango hueco  
avec manche creux  
con manico vuoto

# Scalpel Handles

02



Fig. 10-17

1/2 Nr.3

**2-014-03**  
12 cm / 4 6/8" <sup>1</sup>/<sub>8</sub>"  
solid  
massiv  
macizo  
solide  
pieno



Fig. 10-17

1/2 Nr.3

**2-014-04**  
12 cm / 4 6/8" <sup>1</sup>/<sub>8</sub>"  
solid  
massiv  
macizo  
solide  
pieno



Fig. 10-17

1/2 Nr.3

**2-014-05**  
12 cm / 4 6/8" <sup>1</sup>/<sub>8</sub>"  
solid, cm-graduation  
massiv, mit Zentimeter-  
Graduierung  
macizo, graduado en cm  
solide, gradué en cm  
pieno, graduato in cm



Fig. 10-17

1/2 Nr.3L

**2-015-31**  
21.5 cm / 8 4/8" <sup>1</sup>/<sub>8</sub>"  
solid, long  
massiv, lang  
macizo, largo  
solide, long  
pieno, lungo

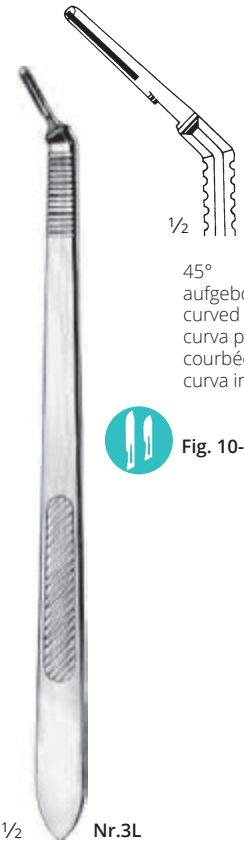


Fig. 10-17

1/2 Nr.3L

**2-015-35**  
20.5 cm / 8 1/8" <sup>1</sup>/<sub>8</sub>"  
solid, angled, long  
massiv, abgewinkelt, lang  
macizo, angulado, largo  
solide, coudé, long  
pieno, angolare, lungo

45°  
aufgebogen  
curved upwards  
curva por arriba  
courbée en haut  
curva in alto

## Scalpel Handles



Fig. 10-17

1/2 Nr.7

**2-016-07**  
16 cm / 6 2/8"  
solid  
massiv  
macizo  
solide  
pieno



Fig. 10-17

1/2 Nr.7K

**2-016-71**  
12.5 cm / 4 7/8"  
solid  
massiv  
macizo  
solide  
pieno



Fig. 10-17

1/2 Nr.3

**2-017-03**  
15.5 cm / 6 1/8"  
with round hollow handle  
mit rundem Hohlheft  
con mango hueco redondo  
avec manche creux rond  
con manico vuoto rotondo



Fig. 10-17

1/2 Nr.3

**2-018-03**  
12.5 cm / 4 7/8"  
with plastic handle  
mit Kunststoffheft  
con mango plástico  
avec manche en matière plastique  
con manico di materia plastica



# Scalpel Handles



Fig. 10-17



Fig. 10-17



Fig. 10-17



1/2 Nr.3

1/2 Nr.3

1/2 Nr.3

1/2

**2-019-03**  
14 cm / 5 4/8"   
solid  
massiv  
macizo  
solide  
pieno

**2-020-03**  
14 cm / 5 4/8"   
solid  
massiv  
macizo  
solide  
pieno

**Kaye**  
**2-021-03**  
15 cm / 5 7/8"   
solid  
massiv  
macizo  
solide  
pieno

**2-022-13**  
13.5 cm / 5 3/8"   
for micro scalpel blades  
für Mikro-Skalpellklingen  
para micro hojas  
pour micro-lames de bisturis  
per micro lame

## Amputation Knives



160 mm

1/2

**Liston  
2-023-16**

29 cm / 11 <sup>3</sup>/<sub>8</sub>"  
with hollow handle  
mit Hohlheft  
con mango hueco  
avec manche creux  
con manico vuoto



190 mm

1/2

**Liston  
2-023-19**

32 cm / 12 <sup>5</sup>/<sub>8</sub>"  
with hollow handle  
mit Hohlheft  
con mango hueco  
avec manche creux  
con manico vuoto

## Resection Knives

02



65 mm

1/2

### 2-024-06

19 cm / 7 <sup>4</sup>/<sub>8</sub> "

solid handle, with dissecting end  
massives Heft mit Schaber-Ende  
mango macizo, con periostótomo  
manche solide à rugine  
con manico pieno con raschino



55 mm

1/2

### Langenbeck 2-025-05

18 cm / 7 <sup>1</sup>/<sub>8</sub> "

with hollow handle  
mit Hohlheft  
con mango hueco  
avec manche creux  
con manico vuoto



55 mm

1/2

### Langenbeck 2-026-05

18 cm / 7 <sup>1</sup>/<sub>8</sub> "

with hollow handle  
mit Hohlheft  
con mango hueco  
avec manche creux  
con manico vuoto



**Dermatome**  
Handdermatom  
Dermatomo  
Dermatome  
Dermatomo a mano

1/2

### Silver 2-027-19

19.5 cm / 7 <sup>5</sup>/<sub>8</sub> "

for usual razor blades  
für handelsübliche Rasierklingen  
para hojas de afeitador usuales  
pour lames de rasoir modèle standard  
per lamette da barba normali

## Dermatomes



1/2

### Humby 2-028-00

32 cm / 12 5/8"  
complete with blade  
komplett mit Klinge  
completo con hoja  
complet avec lame  
completo con lama



2-028-00

1/2

### Humby 2-028-01

Spare Blade  
Ersatzklinge  
Hoja de repuesto  
Lame de rechange, seule  
Lama di ricambio sola



1/2

### Schink 2-029-00

30 cm / 11 6/8"  
adjustable from 0,1 to 2,0 mm  
einstellbar von 0,1 bis 2,0 mm  
ajustable de 0,1 hasta 2,0 mm  
réglable en épaisseur de 0,1 à 2,0 mm  
regolabile da 1,0 a 2,0 mm

complete with 2 skin fixing plates and one blade  
komplett mit 2 Spannplatten und einer Klinge  
complet avec deux plaques pour tendre la peau et une lame  
completo con 2 placas para extender la piel y una hoja  
completo con 2 placche per stendere la pelle ed una lama



2-029-00

1/2

### Schink 2-029-01

Ersatzklinge  
Spare Blade  
Hoja de repuesto  
Lame de rechange, seule  
Lama di ricambio sola



2-029-00



1/2

### Schink 2-029-02

Skin Fixing Plate  
Spannplatte  
Placa para extender la piel  
Plaque pour tendre la peau  
Placca per stendere la pelle



04

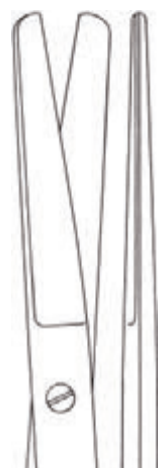
# Scissors

## Operating Scissors



1/4

**4-001-12**  
12 cm / 4 6/8"



**4-001-13**  
13 cm / 5 1/8"



**4-001-14**  
14.5 cm / 5 6/8"



1/4

**4-001-16**  
16.5 cm / 6 4/8"



**4-001-18**  
18.5 cm / 7 2/8"



**4-001-20**  
20.5 cm / 8 1/8"



1/2

**4-001-12**  
**4-001-20**

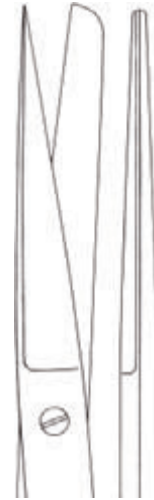
# Operating Scissors



1/1  
4-002-12  
12 cm / 4 6/8"



4-002-13  
13 cm / 5 1/8"



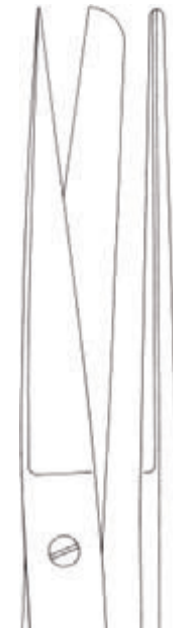
4-002-14  
14.5 cm / 5 6/8"



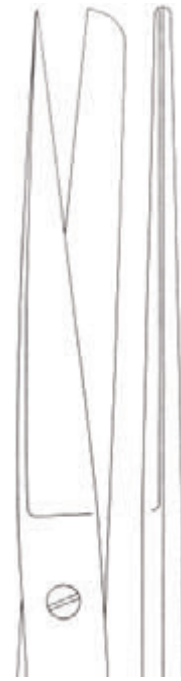
1/2  
4-002-12  
4-002-20



1/1  
4-002-16  
16.5 cm / 6 4/8"



4-002-18  
18.5 cm / 7 2/8"



4-002-20  
20.5 cm / 8 1/8"

## Operating Scissors



4-003-12  
4-003-16

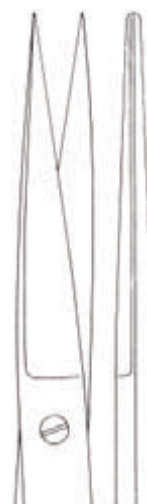
1/1



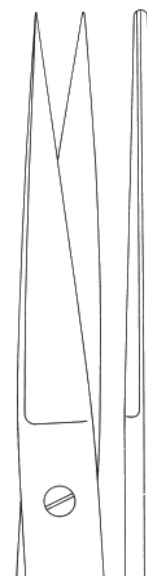
4-003-11  
12 cm / 4 7/8"



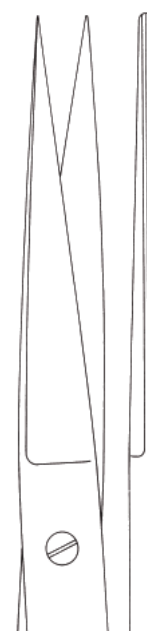
4-003-13  
13 cm / 5 1/8"



4-003-14  
14.5 cm / 5 7/8"



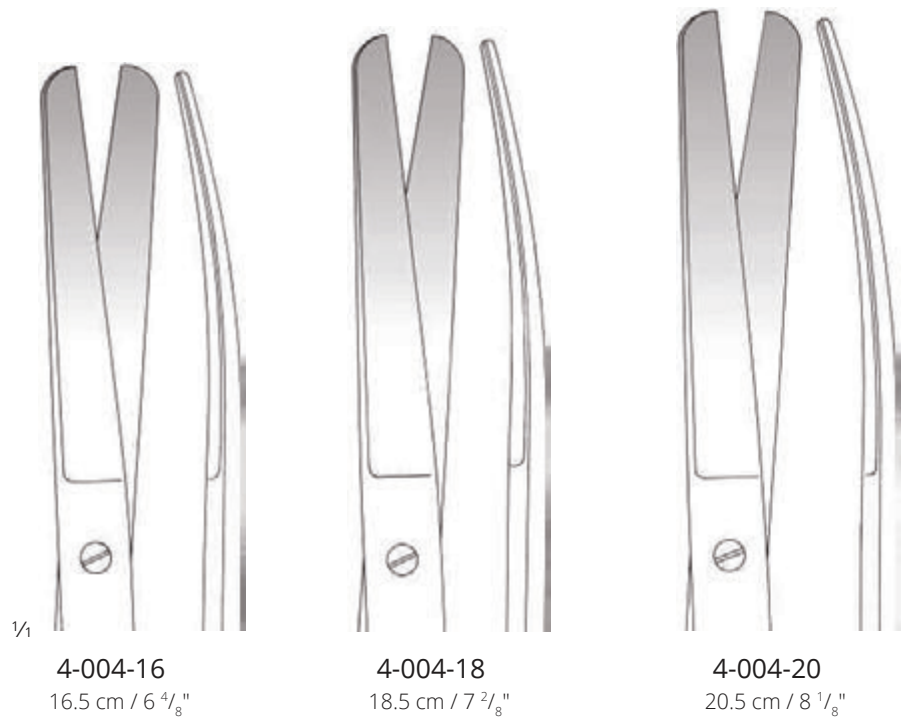
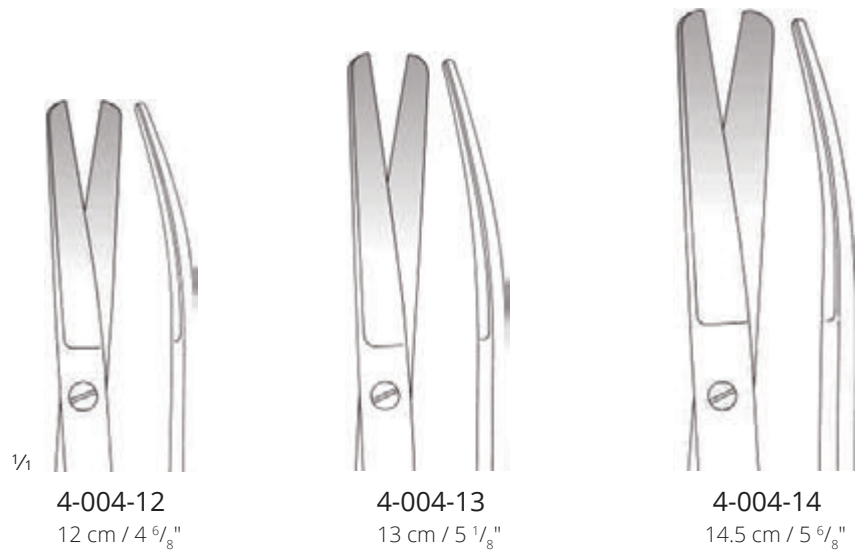
4-003-16  
16.5 cm / 6 4/8"



4-003-18  
18 cm / 7.09"



# Operating Scissors



# Operating Scissors



4-005-12  
12 cm / 4 <sup>6</sup>/<sub>8</sub>"



4-005-13  
13 cm / 5 <sup>1</sup>/<sub>8</sub>"



4-005-14  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"



4-005-16  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"



4-005-18  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



4-005-20  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



4-005-12  
4-005-20

# Operating Scissors

04



1/2  
4-006-12  
4-006-16



1/4  
4-006-12  
12 cm / 4 6/8"



4-006-13  
13 cm / 5 1/8"



4-006-14  
14.5 cm / 5 6/8"



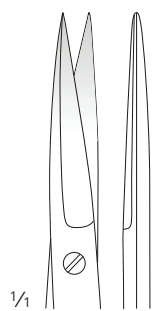
4-006-16  
16.5 cm / 6 4/8"



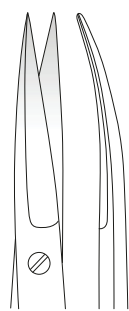
4-006-18  
18 cm / 7.09"



1/2  
4-007-01  
4-007-02  
11 cm / 4 3/8"



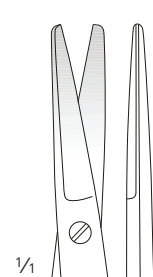
1/4  
4-007-01



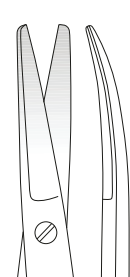
4-007-02



1/2  
Knapp  
4-008-01  
4-008-02  
12 cm / 4 6/8"



1/4  
4-008-01



4-008-02

## Operating Scissors



4-009-14  
4-011-14  
14.5 cm / 5 6/8"



4-009-14



4-010-14



4-011-14

# Operating Scissors



1/2  
4-012-14  
4-014-14  
14.5 cm / 5 6/8"



1/4  
4-012-14



4-013-14



4-014-14



1/2  
4-015-14  
14.5 cm / 5 6/8"  
Incision Scissors  
Inzisionsschere  
Tijera para incisiones  
Ciseaux à incision  
Forbici per incisione



1/4



1/2  
Deaver  
4-016-14  
4-017-14



1/4

4-016-14  
14.5 cm / 5 6/8"



4-017-14  
14 cm / 5 4/8"

## Dissecting Scissors



1/4

4-018-14  
14.5 cm / 5 6/8"



4-018-15  
15 cm / 5 7/8"



4-018-17  
17 cm / 6 6/8"



4-018-23  
23.5 cm / 9 2/8"



1/2

Mayo  
4-018-14  
4-019-23



1/4

4-019-14  
14.5 cm / 5 6/8"



4-019-15  
15 cm / 5 7/8"



4-019-17  
17 cm / 6 6/8"



4-019-23  
23.5 cm / 9 2/8"

# Dissecting Scissors



1/2

Mayo-Harrington  
4-020-23  
4-022-28



1/1

4-020-23  
23 cm / 9 "



4-021-23  
23 cm / 9 "

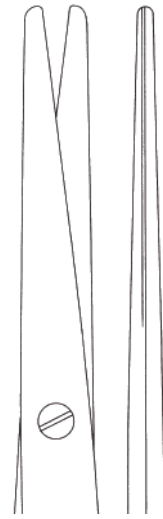


4-022-28  
28 cm / 11 "

## Dissecting Scissors



4-023-15  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"



4-023-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



Mayo-Style  
4-023-15  
4-024-17



4-024-15  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"



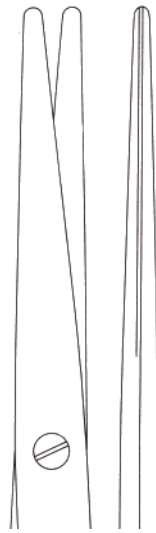
4-024-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



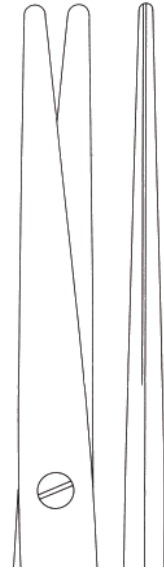
# Dissecting Scissors



4-025-16  
16 cm / 6 2/8"



4-025-19  
19.5 cm / 7 5/8"



4-025-21  
21.5 cm / 8 4/8"



Mayo-Style  
4-025-16  
4-026-21



4-026-16  
16 cm / 6 2/8"



4-026-19  
19.5 cm / 7 5/8"

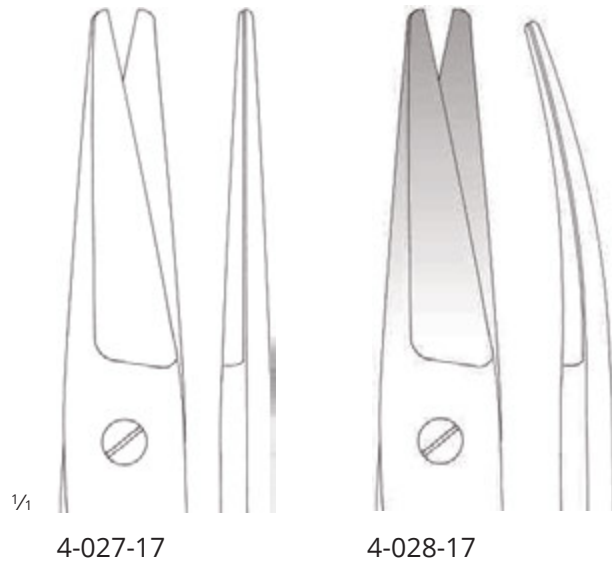


4-026-21  
21.5 cm / 8 4/8"

## Dissecting Scissors



**Mayo-Noble**  
4-027-17  
4-028-17  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"



**Mick Cast**  
22-004-01  
17.5 cm / 6.88"



**Mick Cast**  
22-004-02  
17.5 cm / 6.88"

# Gynecological Scissors



4-029-20  
20 cm / 7 7/8"



4-029-23  
23 cm / 9"



Sims  
4-029-20  
4-030-23



4-030-20  
20 cm / 7 7/8"



4-030-23  
23 cm / 9"

## Operating Scissors, Gynecological Scissors



1/2

Kelly  
4-031-16  
4-032-16  
16 cm / 6 2/8"



1/4

4-031-16

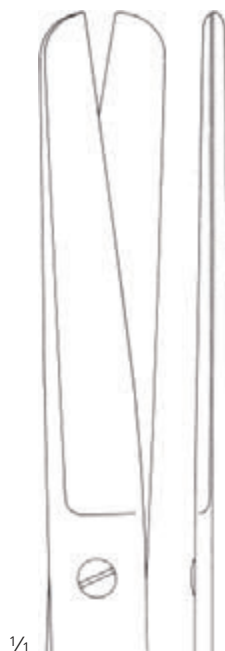


4-032-16



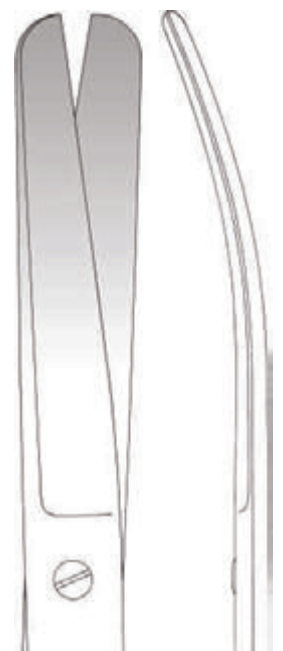
1/2

Doyen  
4-033-17  
4-034-17  
18.5 cm / 7 2/8"



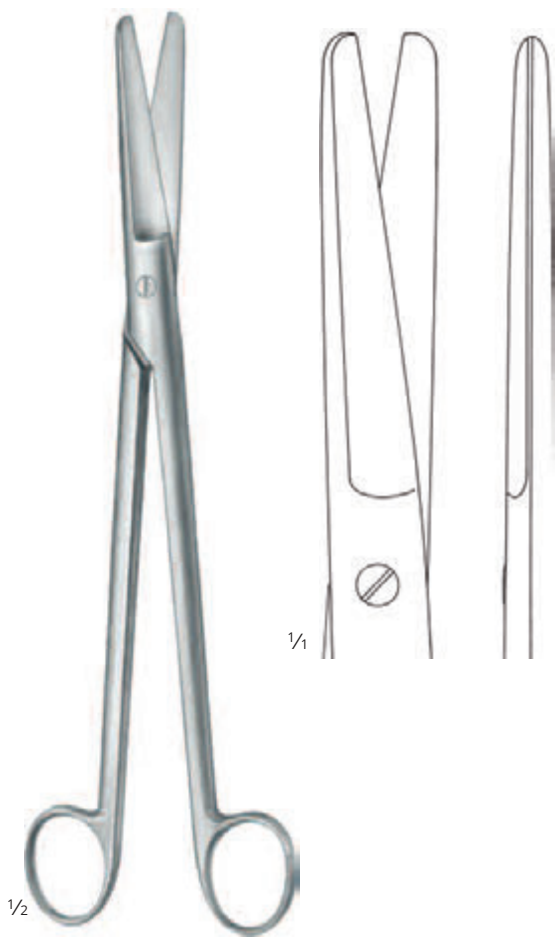
1/4

4-033-17

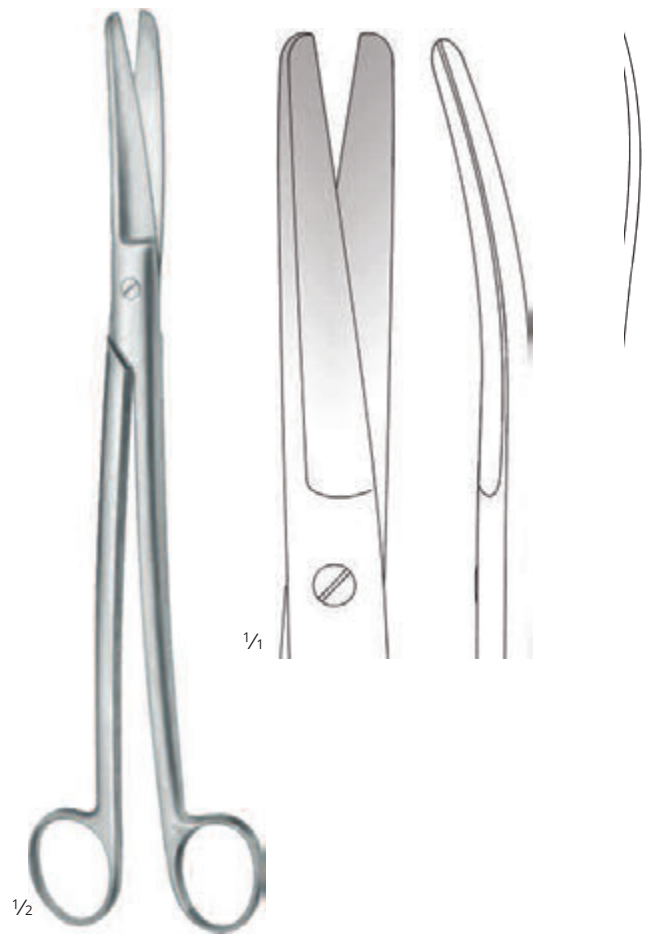


4-034-17

# Gynecological Scissors



Sims Siebold  
4-035-24  
24.5 cm / 9 5/8"



Sims Siebold  
4-036-24  
24.5 cm / 9 5/8"

## Gynecological Scissors



1/2

Wertheim  
4-037-20  
4-037-23



1/4

4-037-20  
20 cm / 7 7/8"



4-037-23  
23 cm / 9"

# Dissecting Scissors



1/2

Metzenbaum  
4-038-11  
4-039-11  
11.5 cm / 4 4/8"



1/1

4-038-11



4-039-11



1/2

Metzenbaum  
4-040-14  
4-045-14  
14.5 cm / 5 4/8"



1/1

4-040-14



4-041-14



4-042-14



4-043-14



4-044-14



4-045-14

## Dissecting Scissors



1/2

Metzenbaum  
4-046-15  
4-047-15  
15.5 cm / 6 1/8"



1/1

4-046-15



4-047-15



1/2

Metzenbaum-Nelson  
4-048-18  
4-048-30

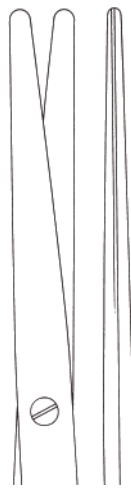


1/1

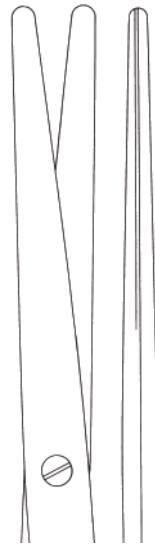
4-048-18  
18 cm / 7 1/8"



4-048-20  
20.5 cm / 8 1/8"



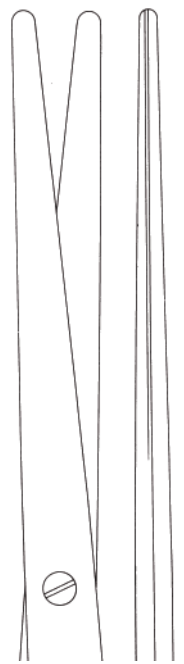
4-048-23  
23 cm / 9"



4-048-25  
26 cm / 10 2/8"



4-048-28  
28.5 cm / 11 2/8"



4-048-30  
31 cm / 12 2/8"



# Dissecting Scissors



1/2



1/4

4-049-18  
18 cm / 7 1/8"



4-049-20  
20.5 cm / 8 1/8"

Metzenbaum-Nelson  
4-049-18  
4-049-20



1/2

1/4

4-050-18  
18 cm / 7 1/8"

4-050-20  
20.5 cm / 8 1/8"

4-050-23  
23 cm / 9"

4-050-25  
26 cm / 10 2/8"

4-050-28  
28.5 cm / 11 2/8"

4-050-30  
31 cm / 12 2/8"

Metzenbaum-Nelson  
4-050-18  
4-050-30

## Dissecting Scissors



1/2

**Metzenbaum**  
**4-051-14 - 4-052-14**  
 14.5 cm / 5 6/8"  
 one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata



1/1

4-051-14



4-052-14



1/2

**4-053-15**  
**4-054-15**  
 15.5 cm / 6 1/8"  
 Nerve Dissecting Scissors  
 Nerv-Präparierschere  
 Tijeras para disección de nervios  
 Ciseaux pour nerfs  
 Forbici per nervi



1/1

4-053-15

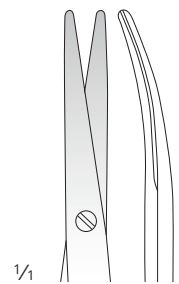


4-054-15



1/2

**Kübler**  
**4-055-15**  
 15 cm / 5 7/8"



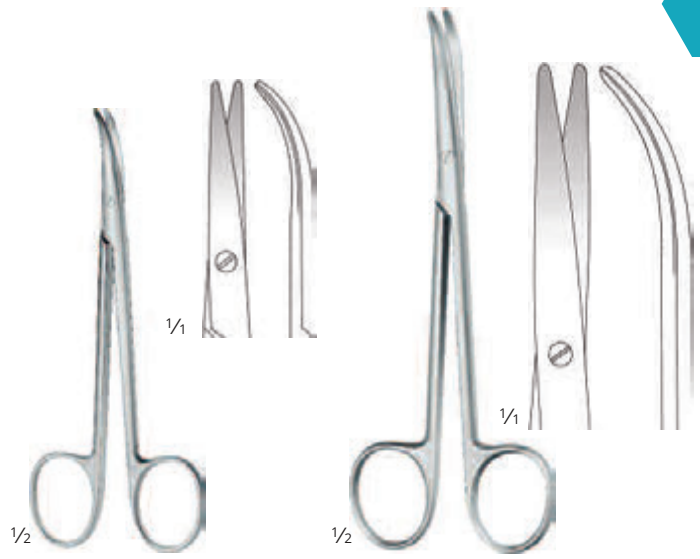
1/1

## Dissecting Scissors, Nasal Scissors

04



**Lexer**  
4-059-16  
4-060-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"

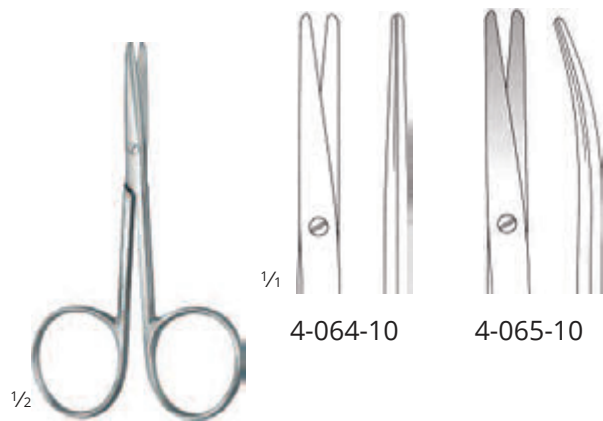


**Cinelli**  
4-061-11  
11.5 cm / 4 <sup>4</sup>/<sub>8</sub>"

**Fomon**  
4-062-14  
14 cm / 5 <sup>4</sup>/<sub>8</sub>"



**Thorek**  
4-063-18  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"

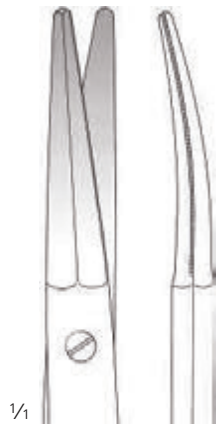


**Lexer-Baby**  
4-064-10  
4-065-10  
10 cm / 3 <sup>7</sup>/<sub>8</sub>"

## Dissecting Scissors, Nasal Scissors



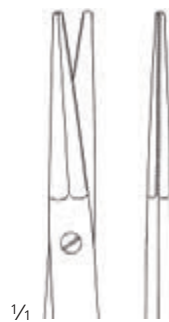
**Kaye**  
**4-056-18**  
 18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"  
 one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata



**Aston**  
**4-057-17**  
 17 cm / 6 <sup>6</sup>/<sub>8</sub>"  
 one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata



**Gorney**  
**4-058-12**  
**4-059-12**  
 18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"  
 one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata



**4-058-12**  
 12.5 cm / 4 <sup>7</sup>/<sub>8</sub>"



**4-058-19**  
 19.5 cm / 7 <sup>5</sup>/<sub>8</sub>"



**4-059-12**  
 19.5 cm / 7 <sup>5</sup>/<sub>8</sub>"

# Delicate Dissecting Scissors

finoLine

04



**Lexer-Fino**  
**4-059-17**  
 16.5 cm / 6 4/8"  
 slender pattern  
 schlankes Modell  
 modelo delgado  
 modèle gracile  
 modello delicato



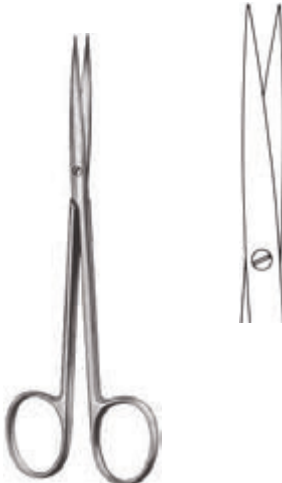
**Lexer-Fino**  
**4-060-17**  
 16.5 cm / 6 4/8"  
 slender pattern  
 schlankes Modell  
 modelo delgado  
 modèle gracile  
 modello delicato



**Metzenbaum-Fino**  
**4-061-14**  
 14.5 cm / 5 6/8"  
 slender pattern  
 schlankes Modell  
 modelo delgado  
 modèle gracile  
 modello delicato



**Metzenbaum-Fino**  
**4-062-14**  
 14.5 cm / 5 6/8"  
 slender pattern  
 schlankes Modell  
 modelo delgado  
 modèle gracile  
 modello delicato



**Metzenbaum-Fino**  
**4-063-14**  
 14.5 cm / 5 6/8"  
 slender pattern  
 schlankes Modell  
 modelo delgado  
 modèle gracile  
 modello delicato



**4-064-14**  
 14.5 cm / 5 6/8"

**4-064-18**  
 18 cm / 7 1/8"

**Metzenbaum-Fino**  
**4-064-14**  
**4-064-20**  
 slender pattern  
 schlankes Modell  
 modelo delgado  
 modèle gracile  
 modello delicato

**4-064-20**  
 20 cm / 7 7/8"

# Delicate Dissecting Scissors

finoLine



4-065-18  
18 cm / 7 1/8"



4-065-20  
20.5 cm / 8 1/8"



4-065-23  
23 cm / 9"

## Metzenbaum-Fino

4-065-18

4-065-23

slender pattern  
schlankes Modell  
modelo delgado  
modèle gracile  
modello delicato



4-066-18  
18 cm / 7 1/8"



4-066-20  
20.5 cm / 8 1/8"



4-066-23  
23 cm / 9"

## Metzenbaum-Fino

4-066-18

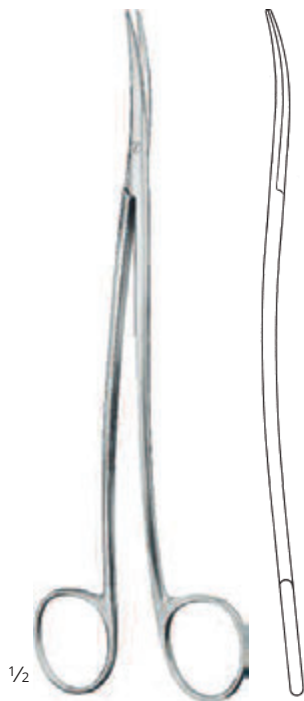
4-066-23

slender pattern  
schlankes Modell  
modelo delgado  
modèle gracile  
modello delicato

# Delicate Dissecting Scissors

finoLine

04



4-067-18  
18 cm / 7 1/8"



4-067-20  
20.5 cm / 8 1/8"



4-067-23  
23 cm / 9"

## Metzenbaum-Fino

4-067-18

4-067-23

slender pattern, S-shaped  
schlankes Modell, S-Form  
modelo delgado, forma S  
modèle gracile, courbé en S  
modello delicato, curvo in forma S

# Dissecting Scissors, Operating Scissors

finoLine



4-068-12  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub>"



4-068-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"



4-069-14



4-070-14

1/2  
Sanvenero  
4-069-14  
4-070-14  
14 cm / 5 <sup>4</sup>/<sub>8</sub>"

Salyer  
4-068-12  
4-068-18

modelo delicado, una hoja con afilado de cuchillo  
delicate pattern, one cutting edge with knife cut  
modèle fin, une lame avec taille de couteau  
modello fino, una lama con affilatura di coltello

for Cleft Palate  
für Lippen-, Kiefer-, Gaumenspalte  
para fisura paladar  
pour fente du palais  
per cheilo-labbro-palato schisi



4-071-11



4-072-11



4-073-14



4-074-14

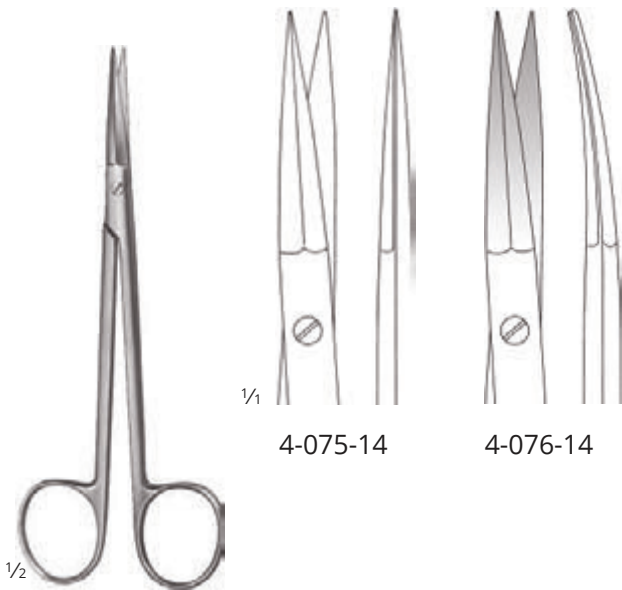
1/2  
Joseph  
4-073-14  
4-074-14  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"

4-071-11  
4-072-11  
11 cm / 4 <sup>3</sup>/<sub>8</sub>"

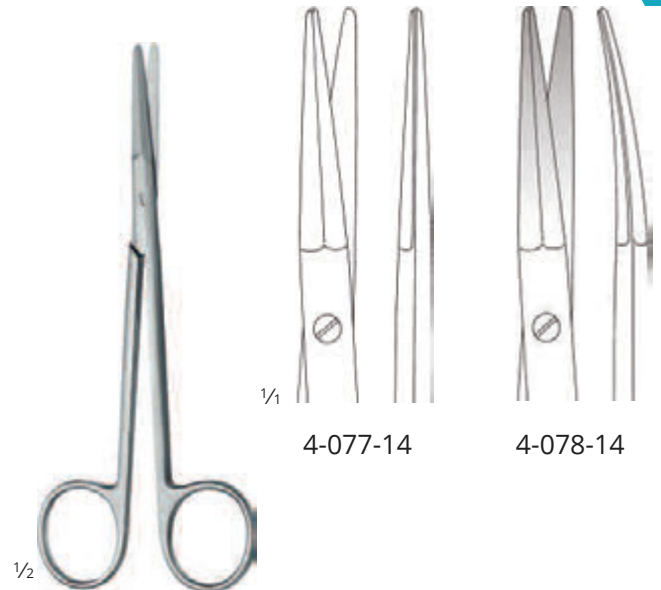


## Face-lift Scissors, Dissecting Scissors

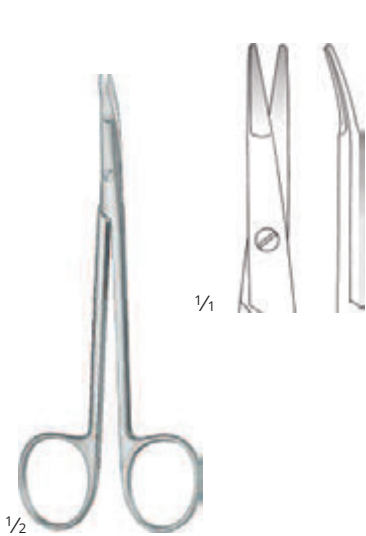
04



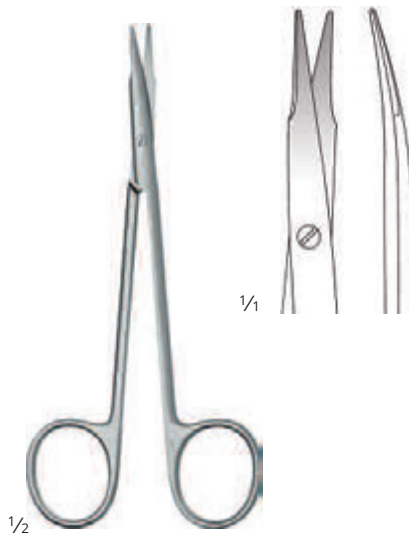
Peck-Joseph  
4-075-14  
4-076-14  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"



Peck-Joseph  
4-077-14  
4-078-14  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"



Shea Vein Graft  
4-079-12  
12 cm / 4 <sup>6</sup>/<sub>8</sub>"



4-080-13  
13 cm / 5 <sup>1</sup>/<sub>8</sub>"  
Dissecting Scissors  
Dissektions- u. Zahnfleischschere  
Tijera de disección  
Ciseaux à dissection  
Forbici per dissezione

## Face-lift Scissors, Dissecting Scissors



Kilner  
4-081-12  
4-081-20



4-081-12  
12 cm / 4 <sup>6</sup>/<sub>8</sub> "



4-081-15  
15 cm / 5 <sup>7</sup>/<sub>8</sub> "



4-081-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub> "



4-081-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "



<sup>1</sup>/<sub>2</sub>  
4-082-14  
4-083-14  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "



4-082-14



4-083-14

## Dissecting Scissors, Vascular Scissors

04



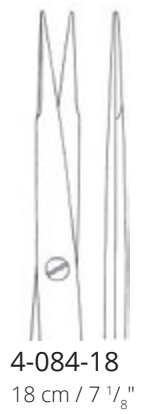
1/2  
4-084-14  
14 cm / 5 4/8"



4-084-15  
15.5 cm / 6 1/8"



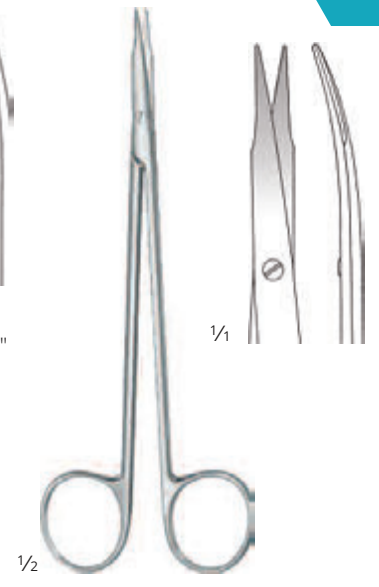
4-085-15  
15.5 cm / 6 1/8"



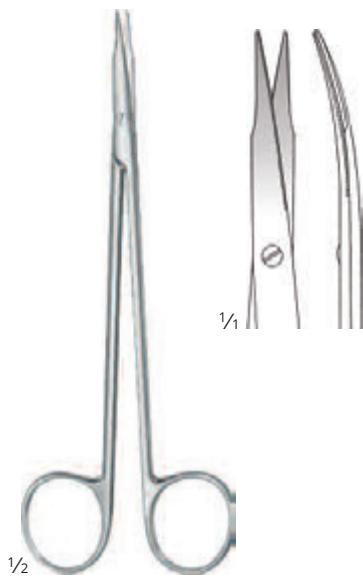
4-084-18  
18 cm / 7 1/8"



4-085-18  
18 cm / 7 1/8"



1/2  
Jameson  
4-089-14  
15.5 cm / 6 1/8"



1/2  
Jameson  
4-090-15  
15.5 cm / 6 1/8"  
one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata



4-091-20  
4-092-20  
20 cm / 7 7/8"



4-091-20



4-092-20

## Short Micro Scissors



1/2

4-093-01  
4-094-04  
12 cm / 4 6/8"

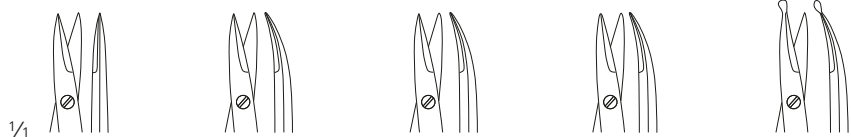


 12 cm / 4 6/8"		<b>A</b>	<b>A</b>		<b>D</b>	<b>D</b>
		sharp/sharp spitz/spitz agudo/agudo pointu/pointu appuntato/appuntato	sharp/sharp spitz/spitz agudo/agudo pointu/pointu appuntato/appuntato	sharp/blunt spitz/stumpf agudo/romo pointu/mousse appuntato/smusso	blunt/blunt stumpf/stumpf romo/romo mousse/mousse smusso/smusso	with button mit Knopf con botón avec bouton con bottone
	 	7 mm 4-093-01	7 mm 4-094-01	7 mm 4-094-02	7 mm 4-094-03	7 mm 4-094-04



1/2

4-093-02  
4-094-08  
12 cm / 4 6/8"



 12 cm / 4 6/8"		<b>A</b>	<b>A</b>		<b>D</b>	<b>D</b>
		sharp/sharp spitz/spitz agudo/agudo pointu/pointu appuntato/appuntato	sharp/sharp spitz/spitz agudo/agudo pointu/pointu appuntato/appuntato	sharp/blunt spitz/stumpf agudo/romo pointu/mousse appuntato/smusso	blunt/blunt stumpf/stumpf romo/romo mousse/mousse smusso/smusso	with button mit Knopf con botón avec bouton con bottone
	 	7 mm 4-093-02	7 mm 4-094-05	7 mm 4-094-06	7 mm 4-094-07	7 mm 4-094-08

A = Adventitia  
D = Dissection  
A-SB = Adventitia, one serrated blade  
D-SB = Dissection, one serrated blade

A = Adventitia  
D = Präparation  
A-SB = Adventitia, ein gezahntes Blatt  
D-SB = Präparation, ein gezahntes Blatt

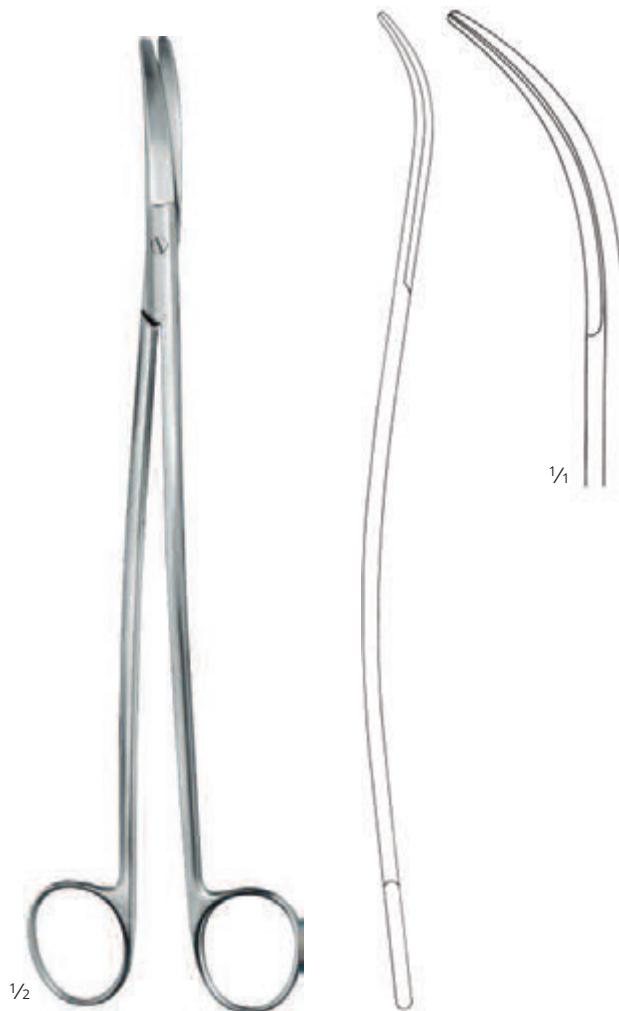
A = Adventicia  
D = Disección  
A-SB = Adventicia, una hoja dentada  
D-SB = Disección, una hoja dentada

A = Advantice  
D = Dissection  
A-SB = Advantice, une lame dentelée  
D-SB = Dissection, une lame dentelée

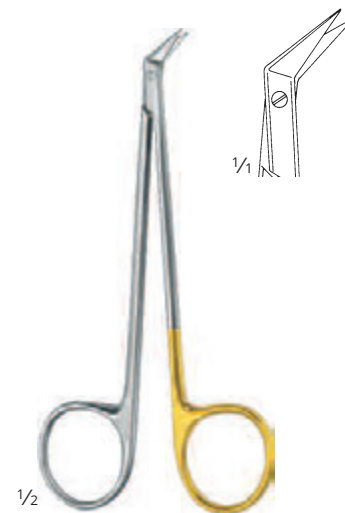
A = Awentizia  
D = Dissezione  
A-SB = Awentizia, una lama dentata  
D-SB = Dissezione, una lama dentata

## Vascular Scissors, Dissecting Scissors

04



**Satinsky**  
4-095-24  
25.5 cm / 10 "



**Diethrich-Salyer**  
4-096-45

12 cm / 4  $\frac{6}{8}$  "  
one cutting edge with knife cut  
ein Blatt mit Messerschliff  
una hoja con afilado de cuchillo  
une lame avec taille de couteau  
una lama con affilatura di coltello

for Cleft Palate  
für Lippen-, Kiefer-, Gaumenspalte  
para fisura paladar  
pour fente du palais  
per cheilo-labbro-palato schisi

## Dissecting Scissors, Vascular Scissors



Diethrich-Potts  
4-097-25  
4-098-00



4-097-25  
18 cm / 7 1/8"



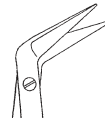
25°



4-097-45  
18.5 cm / 7 3/8"



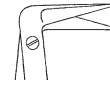
45°



4-097-60  
17.5 cm / 6 7/8"



60°



4-097-90  
17.5 cm / 6 7/8"



90°



4-098-00  
17.5 cm / 6 7/8"



125°



Diethrich-Potts  
4-099-25  
4-100-01  
18 cm / 7 1/8"



4-099-25



25°



4-099-45



45°



4-099-60



60°



4-099-90



90°

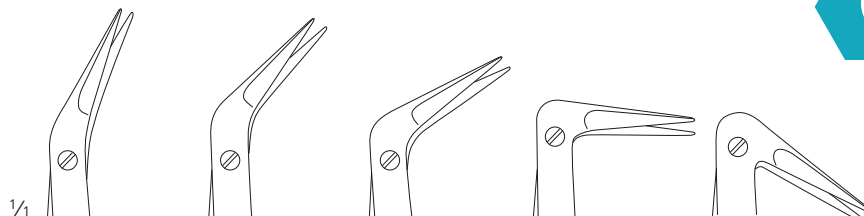


4-100-01



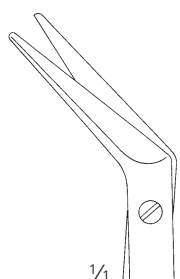
125°

# Vascular Scissors

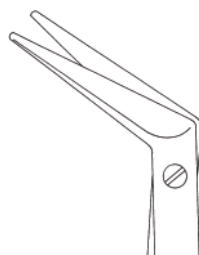


		25°	45°	60°	90°	125°
18 cm / 7 1/8"		15 mm	15 mm	15 mm	15 mm	15 mm
		4-101-25	4-101-45	4-101-60	4-101-90	4-102-00
14 cm / 5 4/8"		15 mm	15 mm	15 mm	15 mm	15 mm
		4-102-25	4-102-45	4-102-60	4-102-90	4-103-00

Dietrich-Hegemann  
4-101-25  
4-103-00



4-104-45



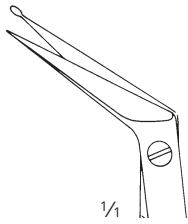
4-104-60

De Bakey  
4-104-45  
4-104-60  
16 cm / 6 2/8"

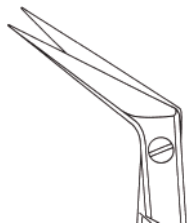
# Vascular Scissors



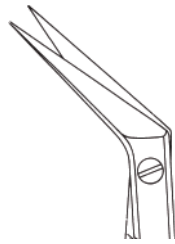
Potts-Smith  
4-105-19  
4-109-19  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"



4-105-19  
60°



4-106-19  
60°



4-107-19  
40°



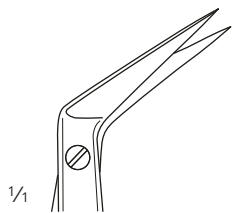
4-108-19  
25°



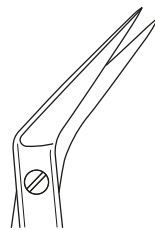
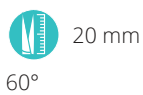
4-109-19



Potts-Smith  
4-110-18  
4-111-18



4-110-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"

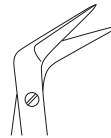
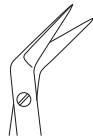


4-111-18  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"





# Micro Scissors



		25°	45°	60°	90°	125°
21 cm / 8 2/8"		10 mm	10 mm	10 mm	10 mm	10 mm
		4-112-25	4-112-45	4-112-60	4-112-90	4-113-00

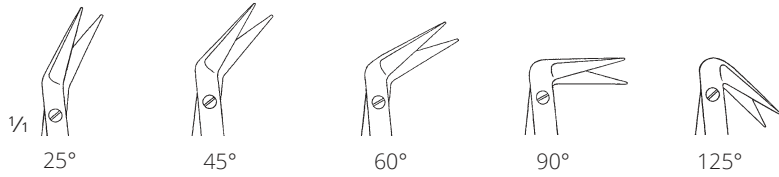
1/2

4-112-25  
4-113-00

# Coronary Scissors






1/2  
4-114-25  
4-117-00



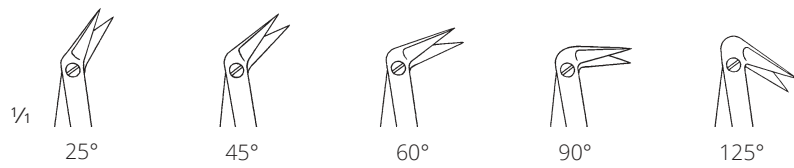
  
safety-wave

  
diamond-coated

	10 mm	10 mm	10 mm	10 mm	10 mm
18 cm / 7 1/8" 	4-114-25	4-114-45	4-114-60	4-114-90	4-115-00
18 cm / 7 1/8" 	4-116-25	4-116-45	4-116-60	4-116-90	4-117-00



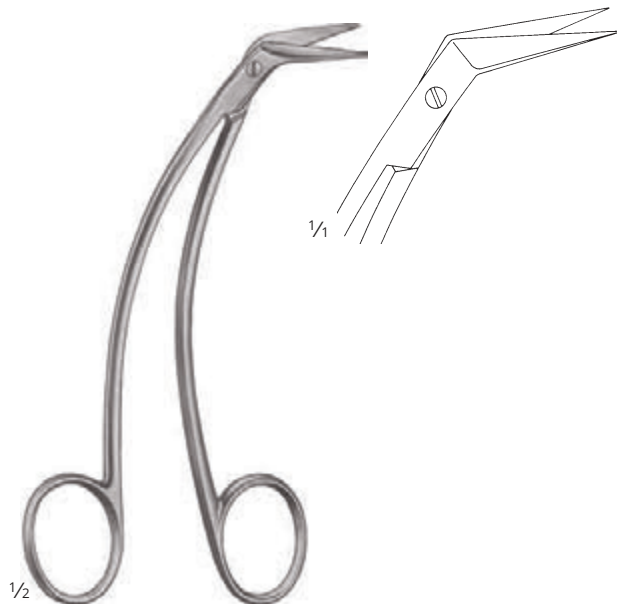
1/2  
4-118-25  
4-121-00



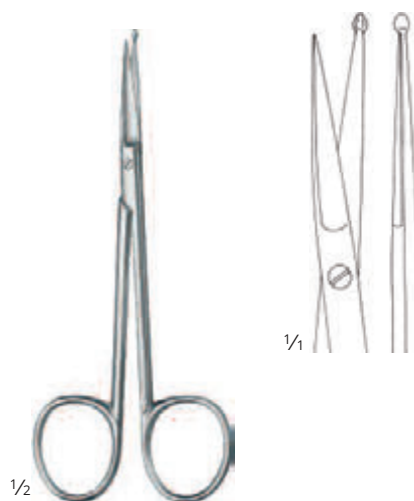
	7 mm	7mm	7 mm	7 mm	7 mm
18 cm / 7 1/8" 	4-118-25	4-118-45	4-118-60	4-118-90	4-119-00
18 cm / 7 1/8" 	4-120-25	4-120-45	4-120-60	4-120-90	4-121-00

## Vascular Scissors

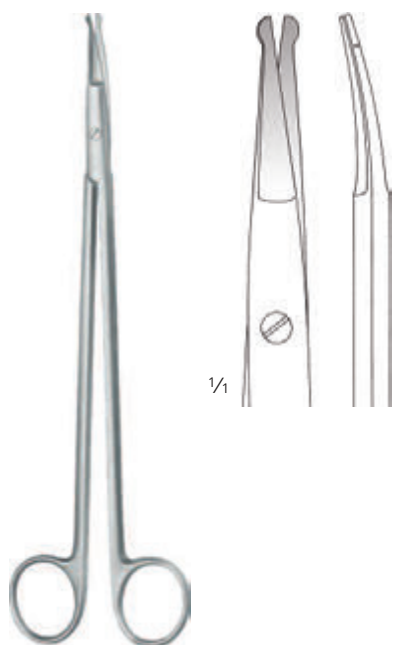
04



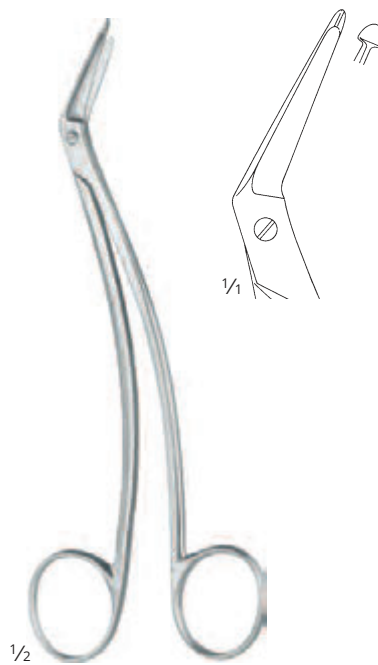
**Favaloro**  
4-122-90  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"



**4-123-12**  
12 cm / 4 <sup>6</sup>/<sub>8</sub>"



**Strully**  
4-124-22  
22 cm / 8 <sup>5</sup>/<sub>8</sub>"  
Neurosurgical Scissors  
Neurochirurgische Schere  
Tijera para neurocirugia  
Ciseaux pour neurochirurgie  
Forbici per neurchirurgia



**Schmieden-Taylor**  
4-125-16  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"  
40°  
Dura Scissors  
Duraschere  
Tijera para duramadre  
Ciseaux pour la dure-mère  
Forbici per dura madre

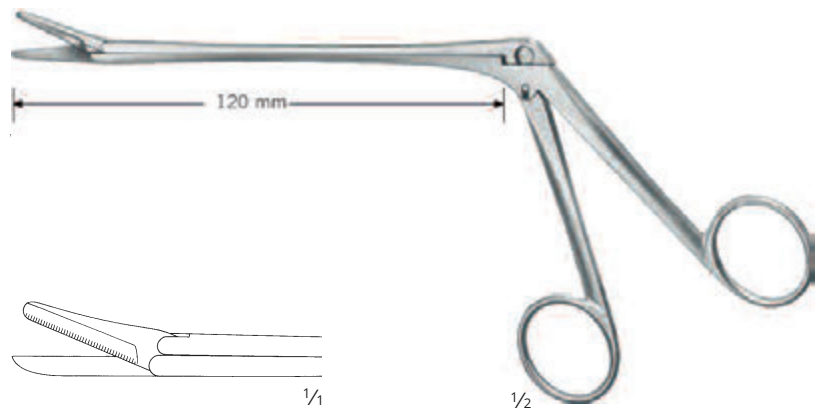
## Dissecting Scissors



**Toennis-Adson**

4-126-17

17.5 cm / 6 <sup>7</sup>/<sub>8</sub> "



**Olivecrona**

4-127-23

13 cm / 5 <sup>1</sup>/<sub>8</sub> "

Trigeminal Scissors

Trigeminusschere

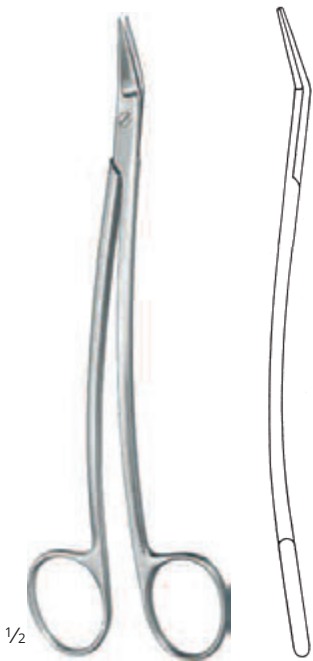
Tijera para nervio trigémino

Ciseaux pour le nerf trigéminale

Forbici per il nervo trigemino

one toothed cutting edge (also for nose)  
 eine Schneide gezahnt (auch für die Nase)  
 una hoja dentada (también para la nariz)  
 une lame dentelée (aussi pour le nez)  
 una lama dentata (anche per il naso)

# Tonsil Scissors



1/2

Dean  
4-128-17  
4-129-17  
17.5 cm / 6 7/8"

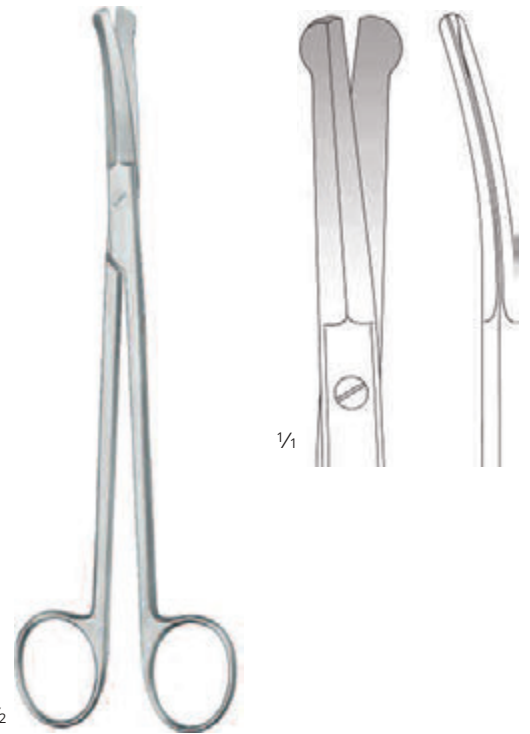


1/4

4-128-17



4-129-17  
toothed  
gezähnt  
dentada  
dentelés  
dentate



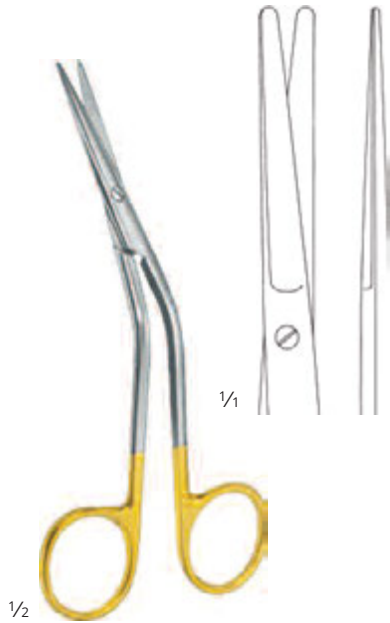
1/2

Good  
4-130-19  
19.5 cm / 7 5/8"

1/4

## Nasal Scissors

TC GOLD



Fomon  
4-131-15  
40°  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"

TC GOLD



Cottle  
4-132-16  
40°  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



Fomon  
4-133-14  
40°  
14 cm / 5 <sup>4</sup>/<sub>8</sub>"



Heymann  
4-299-01  
9 cm / 3.54"

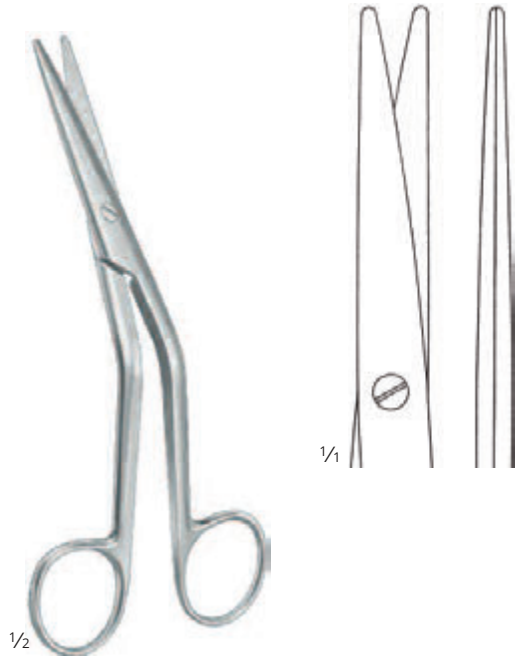


Cottle  
4-299-02  
10.5 cm / 4.13"

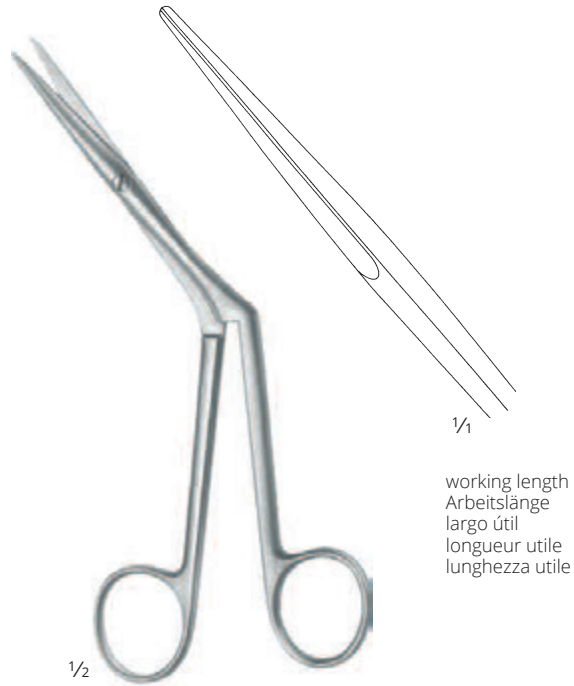


Walter  
4-299-03  
10 cm / 3.93"

# Tonsil Scissors

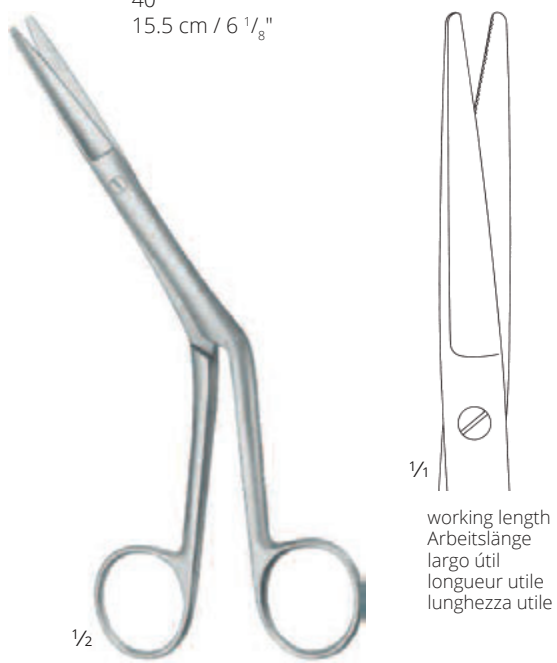


**Cottle**  
4-134-16  
40°  
15.5 cm / 6 1/8"



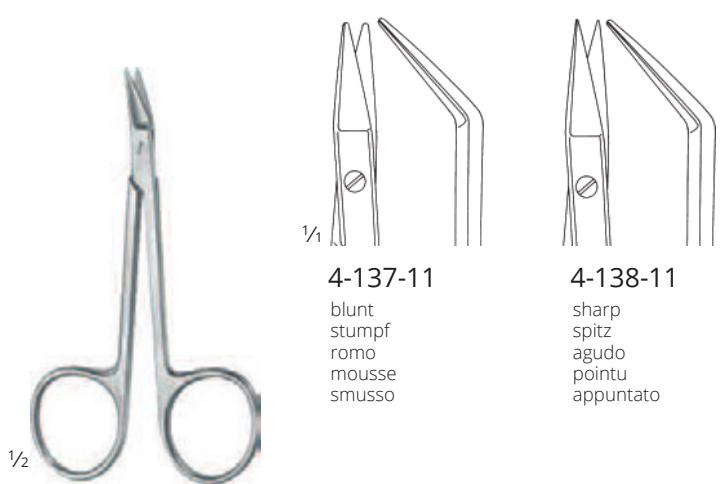
**Heymann**  
4-135-18  
40°  
18 cm / 7 1/8"

working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile



**Heymann**  
4-136-18  
40°  
one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata

working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile

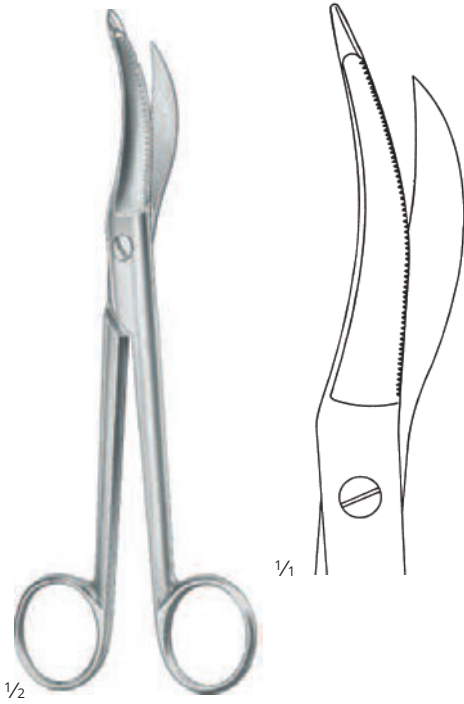


**4-137-11**  
blunt  
stumpf  
romo  
mousse  
smusso

**4-138-11**  
sharp  
spitz  
agudo  
pointu  
appuntato

**Converse**  
4-137-11  
4-138-11  
40°  
10.5 cm / 4 1/8"

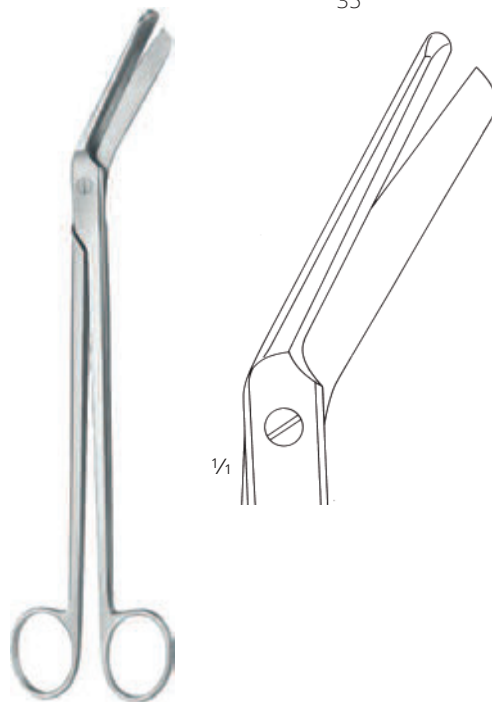
## Episiotomy Scissors



**Waldmann**  
**4-139-18**  
 18 cm / 7 <sup>1</sup>/<sub>8</sub> "  
 one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata



**Braun-Stadler**  
**4-140-14**  
 14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "  
 35°



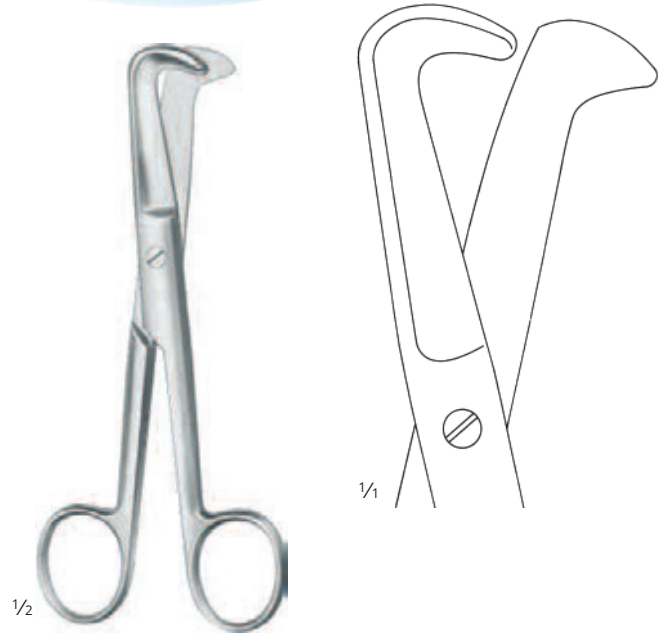
**Braun-Stadler**  
**4-141-22**  
 22 cm / 8 <sup>5</sup>/<sub>8</sub> "  
 30°



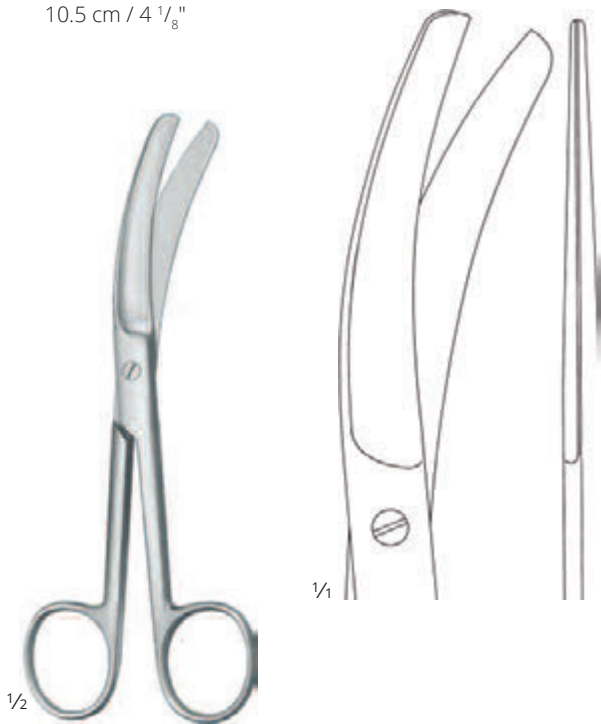
# Umbilical Scissors



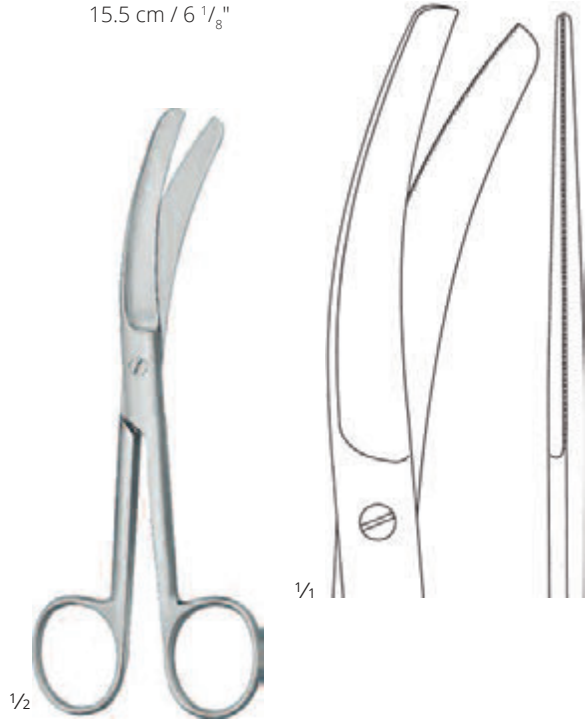
Mod.USA  
4-142-10  
10.5 cm / 4 1/8"



Schuhmacher  
4-143-16  
15.5 cm / 6 1/8"

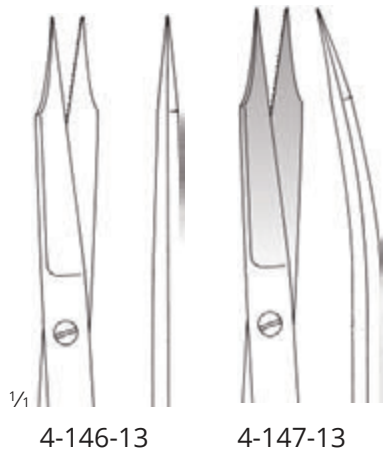


Busch  
4-144-16  
16 cm / 6 2/8"



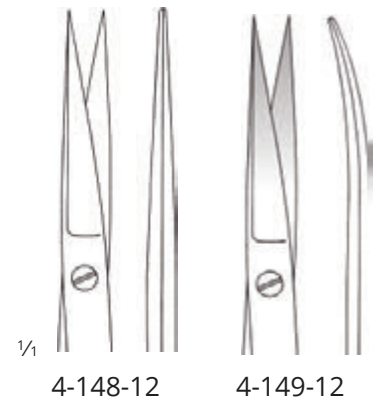
Busch  
4-145-16  
16 cm / 6 2/8"  
one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata

## Operating Scissors, Gum Scissors



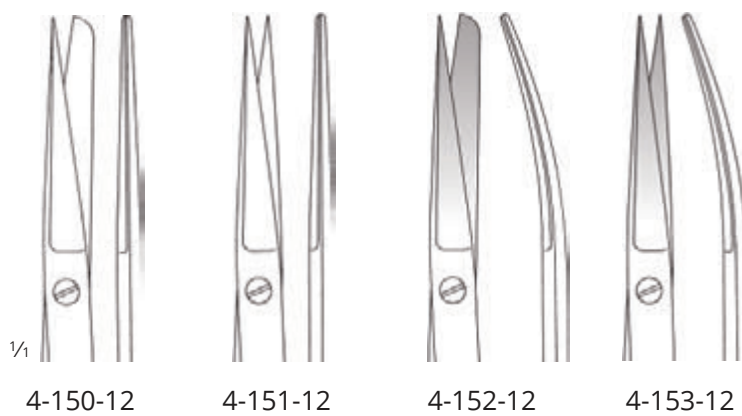
**Goldman-Fox**  
4-146-13  
4-147-13

13 cm / 5 1/8"  
one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata



**Wagner**  
4-148-12  
4-149-12

12 cm / 4 6/8"



4-150-12  
4-153-12

12 cm / 4 6/8"

# Gum Scissors, Operating Scissors



**La Grange**  
**4-154-11**  
 11.5 cm / 4 4/8"   
 S-shape  
 S-Form  
 forma S  
 courbé en S  
 curvo in forma S



1/1



1/2

**4-155-11**  
**4-156-11**  
 11.5 cm / 4 4/8"   
 delicate  
 fein  
 fino  
 fin  
 fino



1/1

**4-155-11**

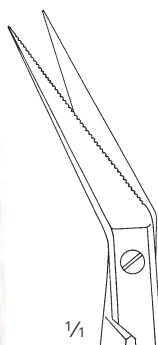


**4-156-11**



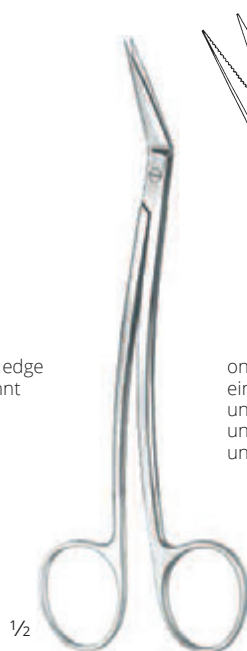
1/2

**Locklin**  
**4-157-16**  
 16 cm / 6 2/8"   
 25°



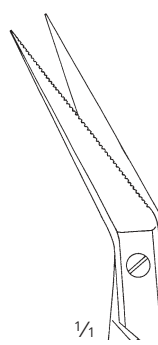
1/1

one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata



1/2

**Locklin**  
**4-158-16**  
 11.5 cm / 6 2/8"   
 25°  
 S-shape  
 S-Form  
 forma S  
 courbé en S  
 curvo in forma S



1/1

one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata



1/2

**4-159-09**  
**4-160-09**  
 9 cm / 3 4/8"   
 very delicate  
 sehr fein  
 muy fino  
 très fin  
 strafino



1/1

**4-159-09**



**4-160-09**

## Iris Scissors



**4-161-09**  
9 cm / 3 4/8"



**4-161-10**  
10.5 cm / 4 1/8"

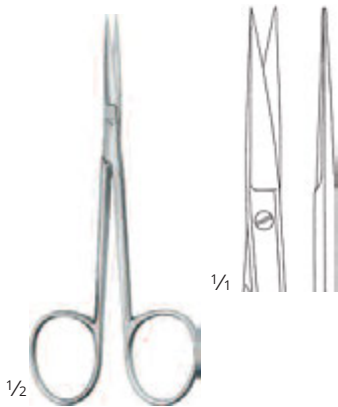


**4-162-09**  
9 cm / 3 4/8"

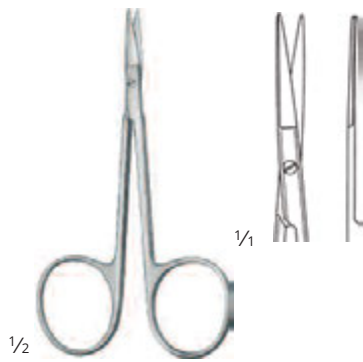


**4-162-10**  
10.5 cm / 4 1/8"

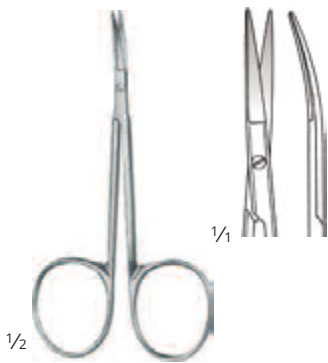
4-161-09  
4-162-10



**4-163-10**  
10.5 cm / 4 1/8"  
extra flat blades  
extra flache Blätter  
hojas muy delgadas  
lames extrêmement plates  
con lame molto piatte



**Mod.Bonn**  
**4-164-09**  
9 cm / 3 4/8"



**Mod.Bonn**  
**4-165-09**  
9 cm / 3 4/8"



**Systrunk**  
**4-299-05**  
13 cm / 5.11"



**Potts-Smith**  
**4-299-06**  
23 cm / 9.5"

## Iris Scissors

04



1/2

4-166-11  
4-169-11  
11.5 cm / 4 4/8"



1/4

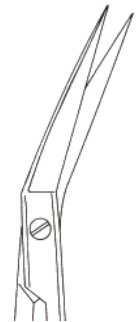
4-166-11



4-167-11



4-168-11



4-169-11

## Iris Scissors, Tendon Scissors



4-170-12  
4-171-12  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub> "



4-170-12



4-171-12



Stevens  
4-173-11  
4-176-11  
11 cm / 4 <sup>3</sup>/<sub>8</sub> "



4-173-11  
sharp/sharp  
spitz/spitz  
agudo/agudo  
pointu/pointu  
appuntato/appuntato



4-174-11  
sharp/sharp  
spitz/spitz  
agudo/agudo  
pointu/pointu  
appuntato/appuntato



4-175-11  
blunt/blunt  
stumpf/stumpf  
romo/romo  
mousse/mousse  
smusso/smusso



4-176-11  
blunt/blunt  
stumpf/stumpf  
romo/romo  
mousse/mousse  
smusso/smusso

## Strabismus Scissors

04



4-177-11  
4-178-11  
11.5 cm / 4 <sup>4</sup>/<sub>8</sub>"



4-177-11



4-178-11



4-179-11  
11.5 cm / 4 <sup>4</sup>/<sub>8</sub>"  
Enucleation Scissors  
Enukleationsschere  
Tijera para enucleación  
Ciseaux à énucléation  
Forbici per enucleazione

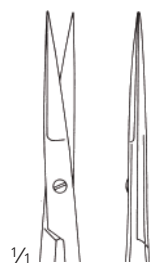


1/1



1/2

Westcott  
4-180-11  
4-181-11  
11.5 cm / 4 <sup>4</sup>/<sub>8</sub>"



4-180-11

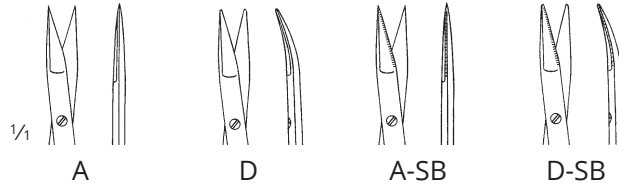


4-181-11

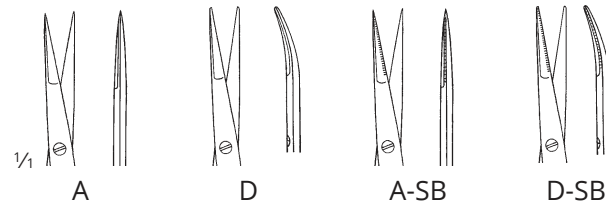
# Micro Scissors



1/2  
4-182-00  
4-183-05



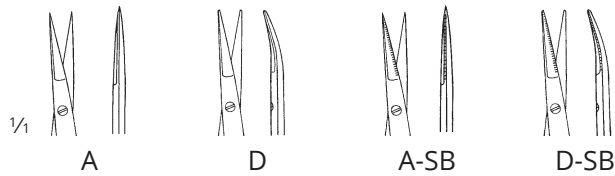
	10 mm	10 mm	10 mm	10 mm
15 cm / 5 4/8"	4-182-00	4-183-00	4-182-01	4-183-01



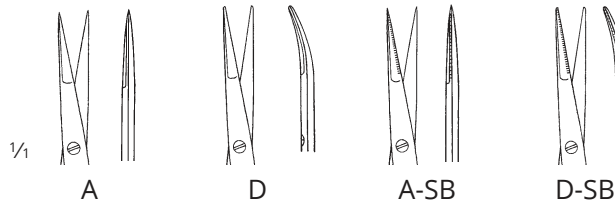
	10 mm	10 mm	10 mm	10 mm
15 cm / 5 7/8"	4-182-04	4-183-04	4-182-05	4-183-05



1/2  
4-182-02  
4-183-07



	10 mm	10 mm	10 mm	10 mm
15 cm / 5 7/8"	4-182-02	4-183-02	4-182-03	4-183-03



	10 mm	10 mm	10 mm	10 mm
15 cm / 5 7/8"	4-182-06	4-183-06	4-182-07	4-183-07

A = Adventitia  
D = Dissection  
A-SB = Adventitia, one serrated blade  
D-SB = Dissection, one serrated blade

A = Adventitia  
D = Präparation  
A-SB = Adventitia, ein gezahntes Blatt  
D-SB = Präparation, ein gezahntes Blatt

A = Adventicia  
D = Dissección  
A-SB = Adventicia, una hoja dentada  
D-SB = Dissección, una hoja dentada

A = Advantice  
D = Dissection  
A-SB = Advantice, une lame dentelée  
D-SB = Dissection, une lame dentelée

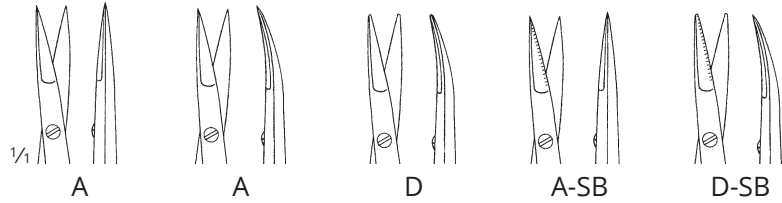
A = Awentizia  
D = Dissezione  
A-SB = Awentizia, una lama dentata  
D-SB = Dissezione, una lama dentata



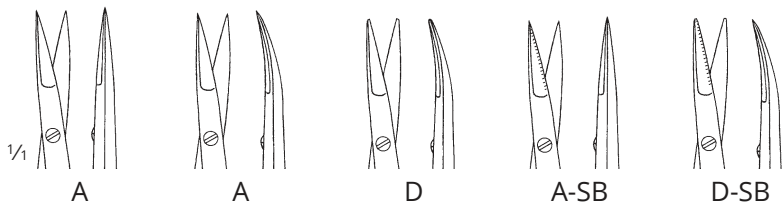
# Micro Scissors



04



	A	A	D	A-SB	D-SB
10 mm	10 mm	10 mm	10 mm	10 mm	10 mm
15 cm / 5 7/8"	4-184-15	4-185-15			
15 cm / 5 7/8"	4-186-15	4-187-15			
18 cm / 7 1/8"	4-184-18	4-185-18	4-185-19	4-184-19	4-185-20
18 cm / 7 1/8"	4-186-18	4-187-18			
21 cm / 8 2/8"	4-184-21	4-185-21			
21 cm / 8 2/8"	4-186-21	4-187-21			
23 cm / 9"	4-184-23	4-185-23			



	A	A	D	A-SB	D-SB
10 mm	10 mm	10 mm	10 mm	10 mm	10 mm
15 cm / 5 7/8"	4-188-15	4-189-15			
15 cm / 5 7/8"	4-190-15	4-191-15			
18 cm / 7 1/8"	4-188-18	4-189-18	4-189-19	4-188-19	4-189-20
18 cm / 7 1/8"	4-190-18	4-191-18			
21 cm / 8 2/8"	4-188-21	4-189-21			
21 cm / 8 2/8"	4-190-21	4-191-21			
23 cm / 9"	4-188-23	4-189-23			

A = Adventitia  
 D = Dissection  
 A-SB = Adventitia, one serrated blade  
 D-SB = Dissection, one serrated blade

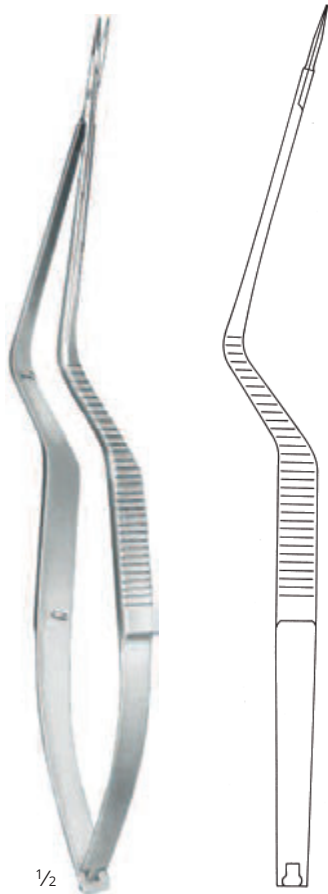
A = Adventitia  
 D = Präparation  
 A-SB = Adventitia, ein gezahntes Blatt  
 D-SB = Präparation, ein gezahntes Blatt

A = Adventicia  
 D = Disección  
 A-SB = Adventicia, una hoja dentada  
 D-SB = Disección, una hoja dentada

A = Advantice  
 D = Dissection  
 A-SB = Advantice, une lame dentelée  
 D-SB = Dissection, une lame dentelée

A = Awventizia  
 D = Dissezione  
 A-SB = Awventizia, una lama dentata  
 D-SB = Dissezione, una lama dentata

# Micro Scissors



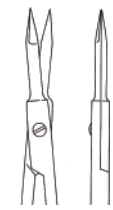
Jacobson  
4-192-23  
4-195-23  
20.5 cm / 8 1/8"



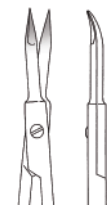
4-192-23



4-193-23

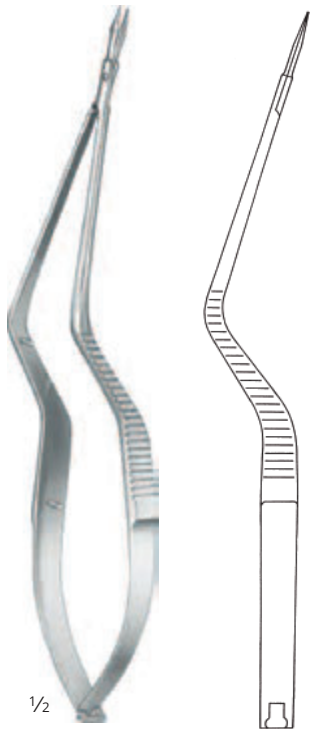


4-194-23



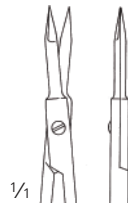
4-195-23

# Micro Scissors



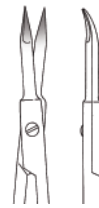
1/2

4-196-20  
4-196-18



1/4

4-196-20  
20 cm / 7 7/8"



4-196-18  
18 cm / 7 1/8"



1/2

4-197-19  
4-199-19



1/4

4-197-19  
19 cm / 7 4/8"



4-198-19  
18.5 cm / 7 2/8"  
bent upwards  
aufwärts gebogen  
angulado hacia arriba  
courbée en haut  
angolato in alto



4-199-19  
18.5 cm / 7 2/8"  
bent downwards  
abwärts gebogen  
angulado hacia abajo  
coudé en bas  
angolato in basso

## Micro Scissors, Micro Dissecting Scissors



4-200-12  
12 cm / 4 <sup>6</sup>/<sub>8</sub>"



4-201-12  
12 cm / 4 <sup>6</sup>/<sub>8</sub>"



**Biemer**  
4-202-12  
12 cm / 4 <sup>6</sup>/<sub>8</sub>"

Micro scissors for veins  
Mikro-Venenschere  
Tijeras de micro para venas  
Micro-ciseaux pour les veines  
Forbici micro per vene

For roughening vessel ends, vessel cannot slip off, clean, smooth cut  
Zum Auffrischen von Gefäßstümpfen. Kein Abgleiten des Gefäßes und glatte, saubere Durchtrennung  
Renovación de extremos vasculares. Ningún resbalamiento del vaso, cortes limpios y lisos  
Pour rafraîchir des moignons vasculaires. Les vaisseau ne peut pas glisser, coupe lisse et propre  
Per cruentare le estremità vasili. Senza scivolamento del vaso, con distacco preciso



4-203-10  
10 cm / 3 <sup>7</sup>/<sub>8</sub>"



4-204-09  
9.5 cm / 3 <sup>6</sup>/<sub>8</sub>"



4-300-11  
11 cm / 4.33"

# Micro Scissors



12 mm

1/2

**JABOMA**  
**4-205-18**  
 18 cm / 7 1/8"  
 for Cleft Palate  
 für Lippen-, Kiefer-, Gaumenspalte  
 para fisura paladar  
 pour fente du palais  
 per cheilo-labbro-palato schisi



12 mm

1/2

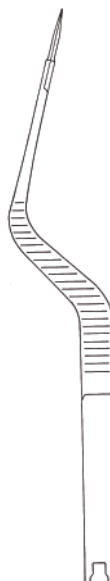
**JABOMA**  
**4-206-18**  
 18 cm / 7 1/8"  
 for Cleft Palate  
 für Lippen-, Kiefer-, Gaumenspalte  
 para fisura paladar  
 pour fente du palais  
 per cheilo-labbro-palato schisi



12 mm

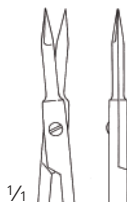
1/2

**JABOMA**  
**4-207-18**  
 18 cm / 7 1/8"  
 for Cleft Palate  
 für Lippen-, Kiefer-, Gaumenspalte  
 para fisura paladar  
 pour fente du palais  
 per cheilo-labbro-palato schisi

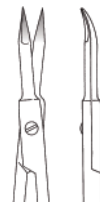


1/2

**4-208-01**  
**4-208-02**  
 15.5 cm / 6 1/8"



**4-208-01**



**4-208-02**

## Enterotomy Scissors



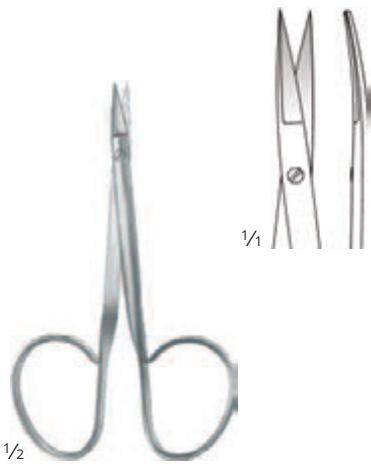
**4-209-21**  
21.5 cm / 8  $\frac{4}{8}$ "

**4-210-21**  
21.5 cm / 8  $\frac{4}{8}$ "

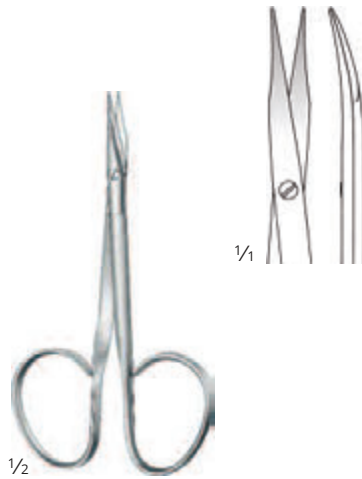
**4-211-32**  
32.5 cm / 12  $\frac{6}{8}$ "  
Rectal Scissors  
Rektumschere  
Tijera para recto  
Ciseaux pour rectum  
Forbici per il retto

## Dissecting Scissors, Face-lift Scissors, Stitch Scissors

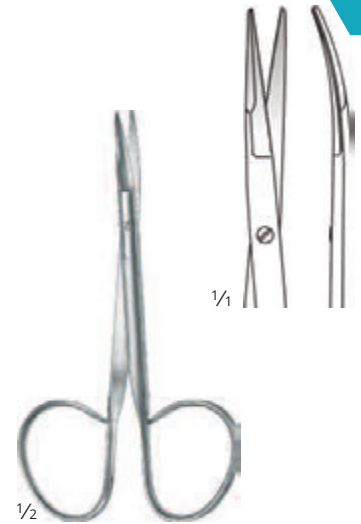
04



**Salyer**  
**4-212-09**  
 9.5 cm / 3 <sup>6</sup>/<sub>8</sub>"  
 for Cleft Palate  
 für Lippen-, Kiefer-, Gaumenspalte  
 para fisura paladar  
 pour fente du palais  
 per cheilo-labbro-palato schisi



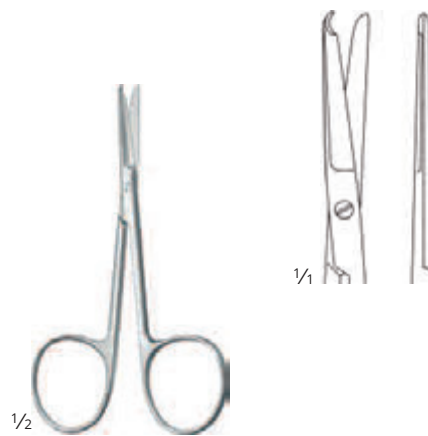
**Salyer**  
**4-213-10**  
 10 cm / 3 <sup>7</sup>/<sub>8</sub>"  
 for Cleft Palate  
 für Lippen-, Kiefer-, Gaumenspalte  
 para fisura paladar  
 pour fente du palais  
 per cheilo-labbro-palato schisi



**Kaye**  
**4-214-11**  
 11 cm / 4 <sup>3</sup>/<sub>8</sub>"

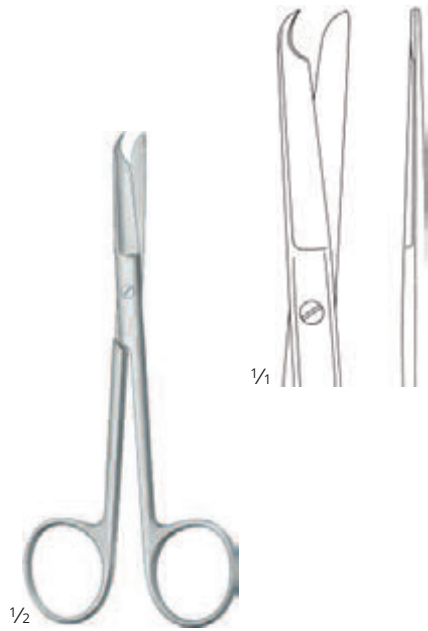


**Northbent**  
**4-215-13**  
 13 cm / 5 <sup>1</sup>/<sub>8</sub>"



**Spencer**  
**4-216-09**  
 9 cm / 3 <sup>4</sup>/<sub>8</sub>"

## Stitch Scissors



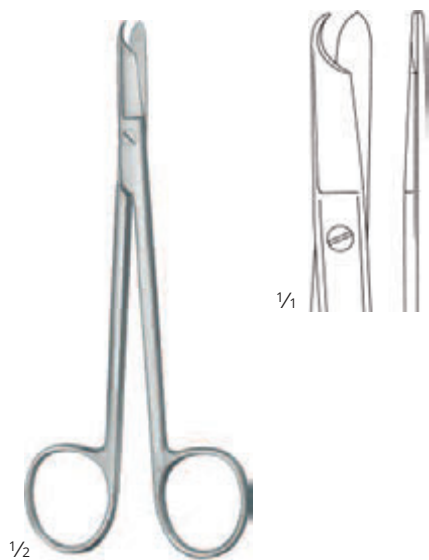
**Spencer**  
4-217-13  
13 cm / 5 1/8"



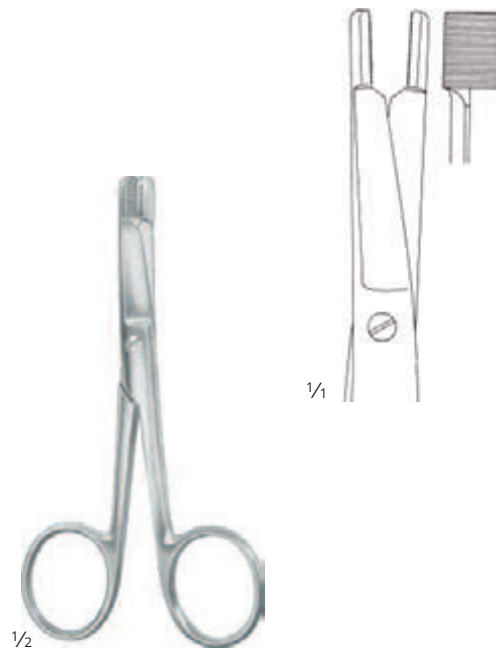
**4-218-14**  
14.5 cm / 5 7/8"

**4-218-18**  
18 cm / 7 1/8"

**Buck**  
4-218-14  
4-218-18



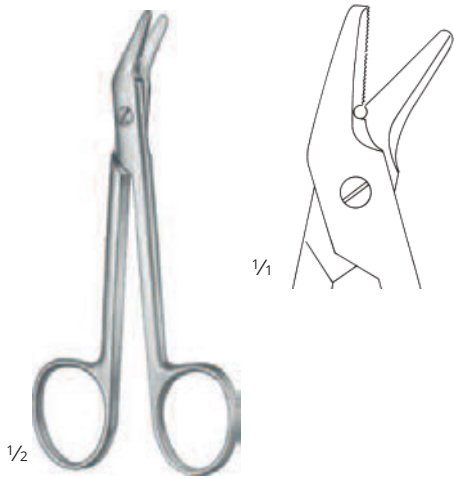
**Littauer**  
4-219-14  
14 cm / 5 4/8"



**Eiselsberg**  
4-220-12  
12 cm / 4 6/8"



# Wire Cutting Scissors



**Universal**

4-221-12

12 cm / 4 6/8" "

one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata

for soft wires up to Ø 0,4 mm  
 für weiche Drähte bis Ø 0,4 mm  
 para alambres blandos hasta Ø 0,4 mm  
 pour fils mous jusqu'à Ø 0,4 mm  
 per fili molli fina a Ø 0,4 mm



**Beebee**

4-222-10

4-225-12

4-222-10  
 10 cm / 3 7/8" "

4-223-10  
 10 cm / 3 7/8" "

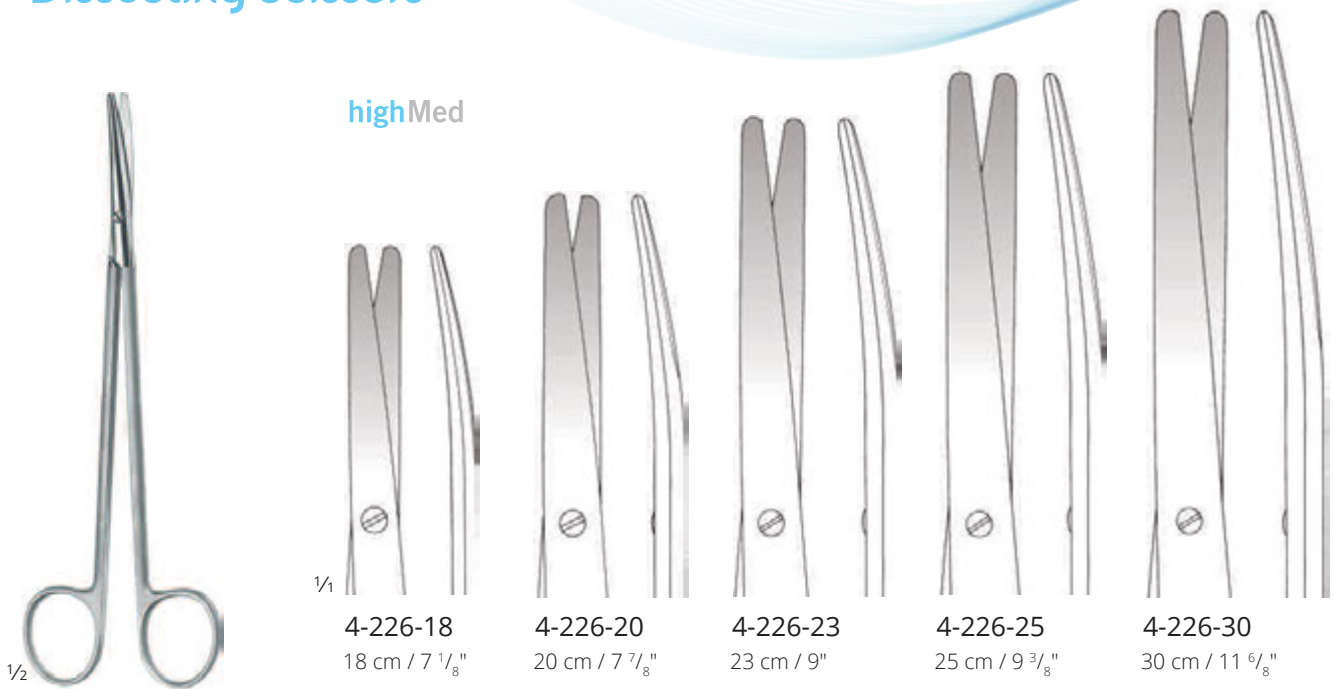
4-224-12  
 12 cm / 4 6/8" "

one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata

4-225-12  
 12 cm / 4 6/8" "

one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata

## Dissecting Scissors

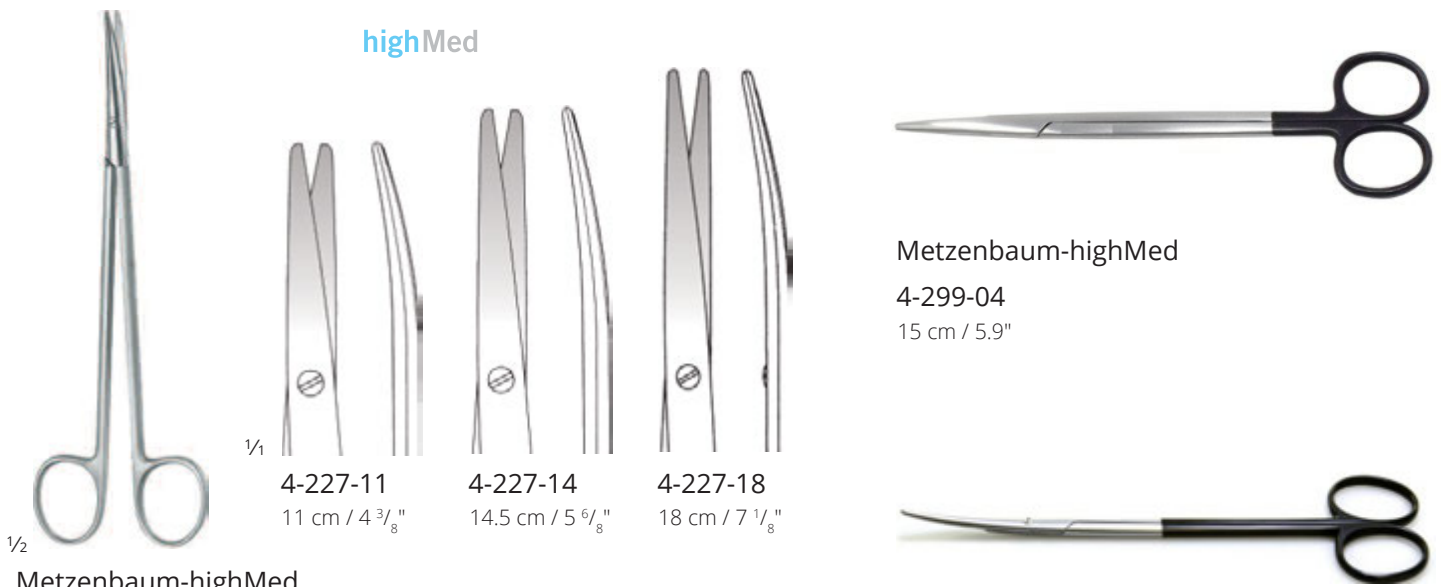


### Metzenbaum-highMed

4-226-18

4-226-30

with special cutting edge  
Spezienschliff  
con filo especial  
avec affûtage spécial  
con affilatura speciale



### Metzenbaum-highMed

4-299-04

15 cm / 5.9"

### Metzenbaum-highMed

4-244-15

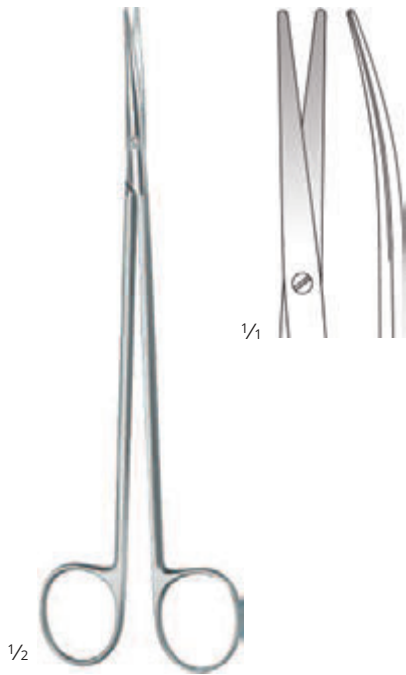
15 cm / 5.9"

### Metzenbaum-highMed

4-227-11

4-227-18

slender pattern, with special cutting edge  
schlankes Modell, Spezienschliff  
modelo delgado, con filo especial  
modèle gracile, avec affûtage spécial  
modello delicato, con affilatura speciale

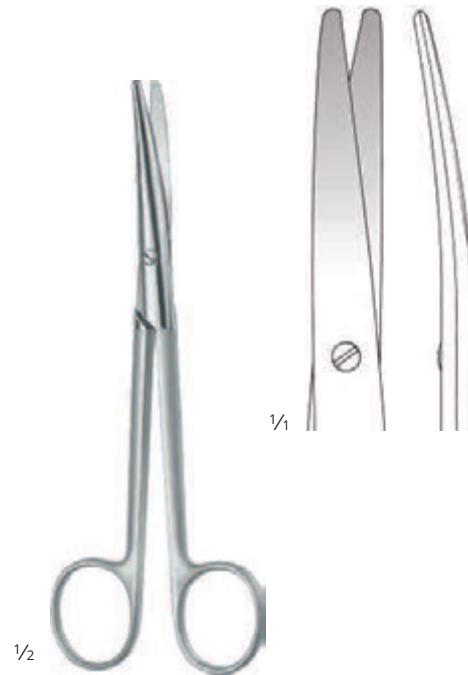


**Toennis-Adson-highMed**

4-228-17

17 cm / 6 <sup>6</sup>/<sub>8</sub>"

slender pattern, with special cutting edge  
 schlankes Modell, Spezialschliff  
 modelo delgado, con filo especial  
 modèle gracile, avec affûtage spécial  
 modello delicato, con affilatura speciale



**Mayo-Lexer-highMed**

4-229-16

16 cm / 6 <sup>2</sup>/<sub>8</sub>"

slender pattern, with special cutting edge  
 schlankes Modell, Spezialschliff  
 modelo delgado, con filo especial  
 modèle gracile, avec affûtage spécial  
 modello delicato, con affilatura speciale

# Aquila-Scissors

TC GOLD



1/1  
4-230-11  
12 cm / 4 6/8"



4-230-18  
18 cm / 7 1/8"



4-230-20  
20.5 cm / 8 1/8"



1/2



1/1  
4-230-23  
12 cm / 4 6/8"



4-230-25  
18 cm / 7 1/8"



4-230-30  
30 cm / 11 6/8"

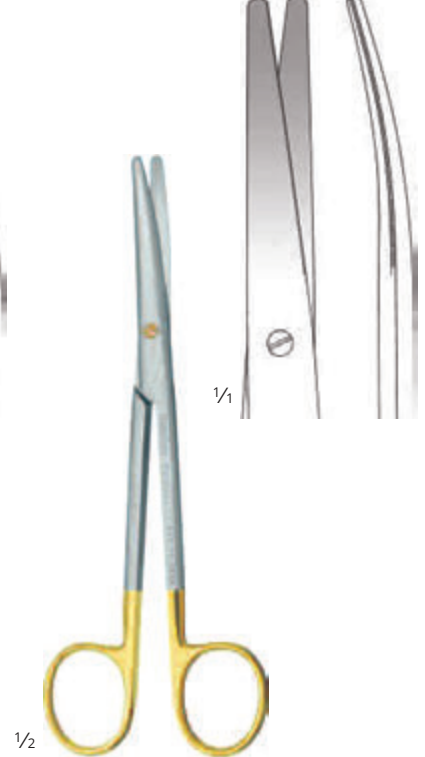
## Metzenbaum-Aquila

4-230-11 - 4-230-30

one toothed cutting edge / one cutting edge with knife cut  
 eine Schneide gezahnt / eine Schneide mit Messerschliff  
 una hoja dentada / una hoja con afilado de cuchillo  
 une lame dentelée / une lame avec taille de couteau  
 una lama dentata / una lama con affilatura di coltello

finoLine

finoLine



**Metzenbaum-Aquila-Fino**  
4-231-14 - 4-231-18

eine Schneide mit Messerschiff  
eine Schneide gezahnt /

one cutting edge with knife cut  
one toothed cutting edge /

una hoja con afilado de cuchillo  
una hoja dentada /

une lame avec taille de couteau  
une lame dentelée /

una lama con affilatura di coltello  
una lama dentata /

**Tönnis-Adson-Aquila**  
4-232-17

17.5 cm / 7 "  
eine Schneide mit Messerschiff  
eine Schneide gezahnt /

one cutting edge with knife cut  
one toothed cutting edge /

una hoja con afilado de cuchillo  
una hoja dentada /

une lame avec taille de couteau  
une lame dentelée /

una lama con affilatura di coltello  
una lama dentata /

**Mayo-Lexer-Aquila**  
4-233-16

17.5 cm / 7 "  
eine Schneide mit Messerschiff  
eine Schneide gezahnt /

one cutting edge with knife cut  
one toothed cutting edge /

una hoja con afilado de cuchillo  
una hoja dentada /

une lame avec taille de couteau  
une lame dentelée /

una lama con affilatura di coltello  
una lama dentata /

# Operating Scissors

TC GOLD



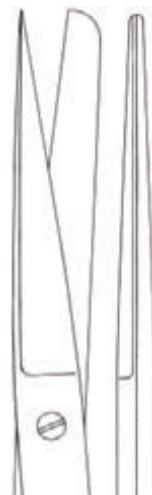
1/2

4-234-14  
4-236-14  
14.5 cm / 5 3/8"



1/4

4-234-14



4-235-14



4-236-14

TC GOLD



1/2

4-237-14  
4-239-14  
14.5 cm / 5 3/4"



1/4

4-237-14



4-238-14



4-239-14

# Operating Scissors

TC GOLD

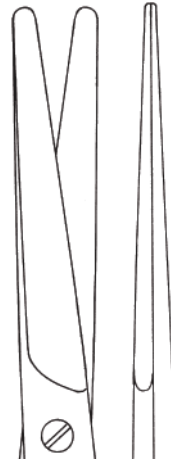
04



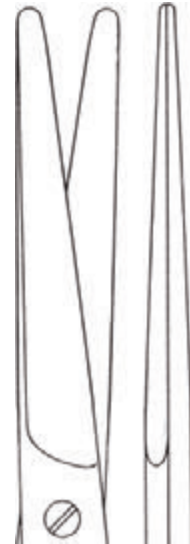
1/2  
Mayo  
4-240-14  
4-240-23



4-240-14  
14.5 cm / 5 3/4"



4-240-17  
17 cm / 6 3/4"



4-240-23  
23 cm / 9"

TC GOLD



1/2  
Mayo  
4-241-14  
4-241-23



4-241-14  
14.5 cm / 5 3/4"



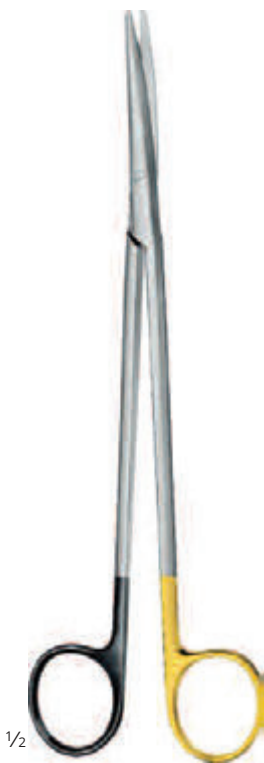
4-241-17  
17 cm / 6 3/4"



4-241-23  
23 cm / 9"

# Ligature Scissors

sutureCut TC GOLD



4-242-14  
14.5 cm / 5 <sup>3</sup>/<sub>4</sub> "



4-242-18  
18 cm / 7 "



4-242-20  
20.5 cm / 8 "



4-242-23  
23 cm / 9 "



4-242-25  
25 cm / 9 <sup>3</sup>/<sub>4</sub> "



4-242-30  
30 cm / 11 <sup>6</sup>/<sub>8</sub> "

## 4-242-14 - 4-242-30

eine Schneide gezahnt  
für Synthetik-Nahmaterial,

one toothed cutting edge  
for synthetic suture material,

una hoja dentada  
para hilos de sutura sintéticos,

une lame dentelée  
pour matériel de suture synthétique,

una lama dentata  
per materiale di sutura sintetico,



# Ligature Scissors

sutureCut

TC GOLD

04



1/1



4-243-14  
14.5 cm / 5 3/4"



4-243-17  
17 cm / 6 3/4"



4-243-23  
23 cm / 9"

4-243-14  
4-243-23

eine Schneide gezahnt  
für Synthetik-Nahtmaterial,

one toothed cutting edge  
for synthetic suture material,

una hoja dentada  
para hilos de sutura sintéticos,

une lame dentelée  
pour matériel de suture synthétique,

una lama dentata  
per materiale di sutura sintetico,

# TCC-BlackLine Scissors

TCC BlackLine



4-244-11  
12 cm / 4 5/8"



4-244-18  
18 cm / 7 1/8"



4-244-20  
20.5 cm / 8 1/8"



4-244-23  
23 cm / 9"



4-244-25  
25 cm / 9 7/8"



4-244-30  
30 cm / 11 5/8"



1/2

## Metzenbaum-TCC-BlackLine 4-244-11 - 4-244-30

eine Schneide gezahnt  
Keramik-Beschichtung,

one toothed cutting edge  
Coated with ceramics,

una hoja dentada  
Cubierto con material de cerámicas,

Recouvert avec matériau de la  
céramique, une lame dentelée

una lama dentata  
Ricoprito con materiale di ceramica,

# TCC-BlackLine Scissors

TCC BlackLine **finoLine**

04



4-245-14  
14 cm / 5 <sup>4</sup>/<sub>8</sub>"



4-245-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"



Tönnis-Adson TCC-BlackLine  
4-246-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"

very delicate  
sehr fein  
muy fino  
très fin  
strafino

eine Schneide gezahnt  
Keramik-Beschichtung,

one toothed cutting edge  
Coated with ceramics,

una hoja dentada  
Cubierto con material de cerámicas,

céramique, une lame dentelée  
Recouvert avec matériau de la

una lama dentata  
Ricoprito con materiale di ceramica,

very delicate  
sehr fein  
muy fino  
très fin  
strafino

eine Schneide gezahnt  
Keramik-Beschichtung,

one toothed cutting edge  
Coated with ceramics,

una hoja dentada  
Cubierto con material de cerámicas,

céramique, une lame dentelée  
Recouvert avec matériau de la

una lama dentata  
Ricoprito con materiale di ceramica,

## TCC-BlackLine Scissors

TCC BlackLine



**Mayo-Lexer TCC-BlackLine**  
4-247-16

16 cm / 6 <sup>2</sup>/<sub>8</sub> "

eine Schneide gezahnt  
Keramik-Beschichtung,

one toothed cutting edge  
Coated with ceramics,

una hoja dentada  
Cubierto con material de cerámicas,

céramique, une lame dentelée  
Recouvert avec matériau de la

una lama dentata  
Ricoprito con materiale di ceramica,



**Sims-TCC-BlackLine**  
4-248-20 - 4-248-23

eine Schneide gezahnt  
Keramik-Beschichtung,

one toothed cutting edge  
Coated with ceramics,

una hoja dentada  
Cubierto con material de cerámicas,

céramique, une lame dentelée  
Recouvert avec matériau de la

una lama dentata  
Ricoprito con materiale di ceramica,

**4-248-20**

20 cm / 7 <sup>7</sup>/<sub>8</sub> "  
Uterine Scissors  
Uterusschere  
Tijera uterina  
Ciseaux utérins  
Forbici per utero

**4-248-23**

23 cm / 9 "  
Uterine Scissors  
Uterusschere  
Tijera uterina  
Ciseaux utérins  
Forbici per utero

# TCC-BlackLine Scissors

TCC BlackLine

04



TCC-BlackLine  
4-249-22- 4-249-23

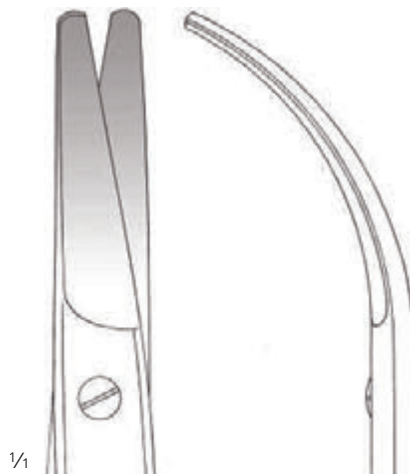
eine Schneide gezahnt  
Keramik-Beschichtung,

one toothed cutting edge  
Coated with ceramics,

una hoja dentada  
Cubierto con material de cerámicas,

céramique, une lame dentelée  
Recouvert avec matériau de la

una lama dentata  
Ricoprito con materiale di ceramica,



4-249-22  
22 cm / 8 <sup>5</sup>/<sub>8</sub>"  
Hysterecctomy Scissors  
Hysterecctomieschere  
Tijera para hysterecctomía  
Ciseaux à hysterecctomie  
Forbici per isterecctomia



4-249-23  
23 cm / 9"  
Hysterecctomy Scissors  
Hysterecctomieschere  
Tijera para hysterecctomía  
Ciseaux à hysterecctomie  
Forbici per isterecctomia

# Dissecting Scissors

TC GOLD



1/2

Mayo-Stille  
4-250-15  
4-250-17



4-250-15  
14.5 cm / 5 6/8"



4-250-17  
17 cm / 6 6/8"



1/2

Mayo-Stille  
4-251-15  
4-251-17



4-251-15  
14.5 cm / 5 6/8"



4-251-17  
17 cm / 6 6/8"

# Dissecting Scissors

TC GOLD

04



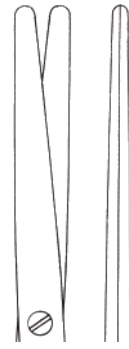
1/2

Metzenbaum  
4-252-11  
4-252-14



1/4

4-252-11  
11 cm / 4 4/8"



1/4

4-252-14  
14.5 cm / 5 6/8"



1/2

Metzenbaum  
4-253-11  
4-253-14



1/4

4-253-11  
11.5 cm / 4 1/8"



1/4

4-253-14  
14.5 cm / 5 5/8"

# Dissecting Scissors

TC GOLD



4-254-18  
18 cm / 7 1/8"



4-254-20  
20.5 cm / 8 1/8"



4-254-23  
23 cm / 9"



1/2

Metzenbaum  
4-254-18  
4-254-30



4-254-25  
25 cm / 10 2/8"



4-254-28  
28.5 cm / 11 2/8"



4-254-30  
31 cm / 12 2/8"



# Dissecting Scissors

04



4-255-18  
18 cm / 7 1/8"



4-255-20  
20.5 cm / 8 1/8"



4-255-23  
23 cm / 9"



4-255-25  
25 cm / 10 2/8"



4-255-28  
28.5 cm / 11 2/8"



4-255-30  
31 cm / 12 2/8"



Metzenbaum  
4-255-18  
4-255-30

## Dissecting Scissors, Operating Scissors



1/2

Metzenbaum-Thorek

4-256-23

4-256-31



1/1

4-256-23

23 cm / 12 2/8"



4-256-28

28 cm / 9"



4-256-31

31 cm / 11"



1/2

Joseph

4-257-14

4-258-14



1/1

4-257-14

14.5 cm / 5 6/8"



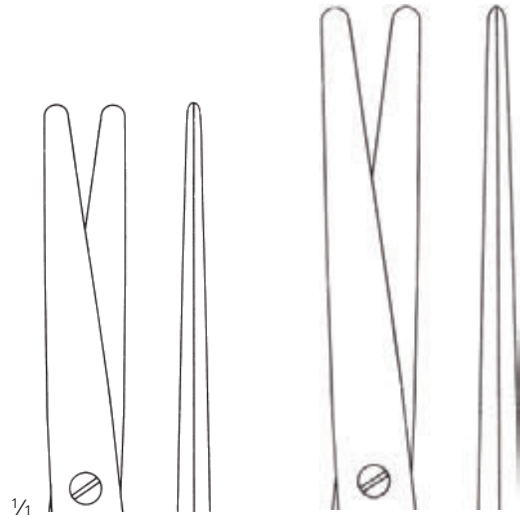
4-258-14

14.5 cm / 5 6/8"

# Operating Scissors, Dissecting Scissors



Lexer  
4-259-16  
4-259-21

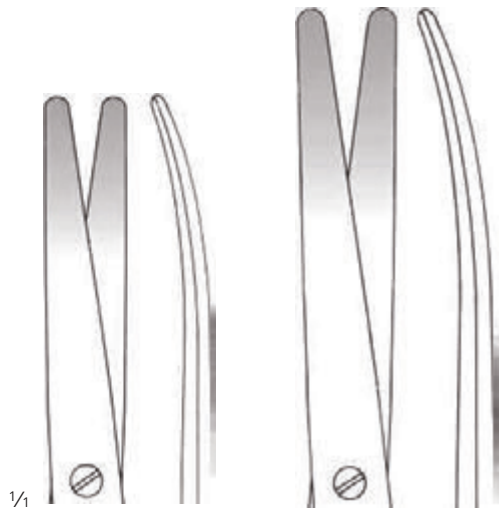


4-259-16  
16 cm / 6 2/8"

4-259-21  
21 cm / 8 2/8"



Lexer  
4-260-16  
4-260-21



4-260-16  
16 cm / 6 2/8"

4-260-21  
21 cm / 8 2/8"



Mayo-Lexer  
4-261-16  
16 cm / 6 2/8"



## Delicate Dissecting Scissors

TC GOLD

finoLine



1/2

Metzenbaum-Fino  
4-262-14 - 4-263-14  
14.5 cm / 5 6/8"



4-262-14

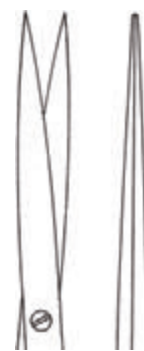


4-263-14



1/2

Metzenbaum-Fino  
4-264-14 - 4-265-14  
14.5 cm / 5 6/8"



4-264-14



4-265-14



1/2

Metzenbaum-Fino  
4-266-18 - 4-267-18  
18 cm / 7 1/8"



4-266-18



4-267-18

## Delicate Dissecting Scissors

TC GOLD **finoLine**

04



Metzenbaum-Fino  
4-268-20 - 4-268-28



4-268-20  
20.5 cm / 8 1/8"



4-268-23  
23 cm / 9"



4-268-25  
26 cm / 10 2/8"



4-268-28  
28.5 cm / 11 2/8"



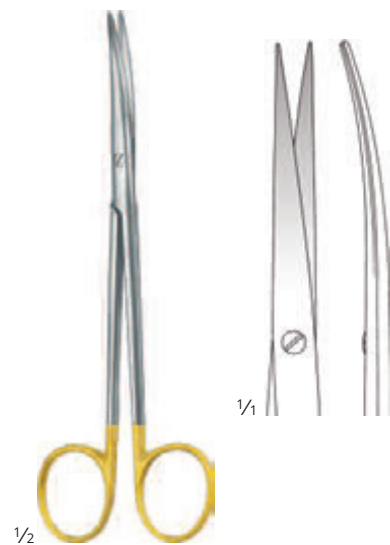
Metzenbaum-Fino  
4-269-18 - 4-269-20



4-269-18  
18 cm / 7 1/8"



4-269-20  
20 cm / 7 7/8"



Metzenbaum-Lahey  
4-270-14  
14.5 cm / 5 6/8"  
slender pattern  
schlankes Modell  
modelo delgado  
modèle gracile  
modello delicato

## Delicate Dissecting Scissors

TC GOLD



**Toennis-Adson**  
**4-271-17**  
 17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"  
 slender pattern  
 schlankes Modell  
 modelo delgado  
 modèle gracile  
 modello delicato



**Metzenbaum-Fino**  
**4-272-20**  
**4-272-23**  
 slender pattern  
 schlankes Modell  
 modelo delgado  
 modèle gracile  
 modello delicato



**4-272-20**  
 20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



**4-272-23**  
 23 cm / 9"



**Metzenbaum-Fino**  
**4-273-18**  
**4-273-23**  
 slender pattern  
 schlankes Modell  
 modelo delgado  
 modèle gracile  
 modello delicato



**4-273-18**  
 18 cm / 7 <sup>1</sup>/<sub>8</sub>"



**4-273-20**  
 20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



**4-273-23**  
 23 cm / 9"

## Face-lift Scissors

04



Gorney-Freeman	TC GOLD	ST
17 cm / 6 <sup>6</sup> / <sub>8</sub> "	4-274-17	4-275-17
19 cm / 7 <sup>4</sup> / <sub>8</sub> "	4-274-19	
23 cm / 9 "	4-274-23	

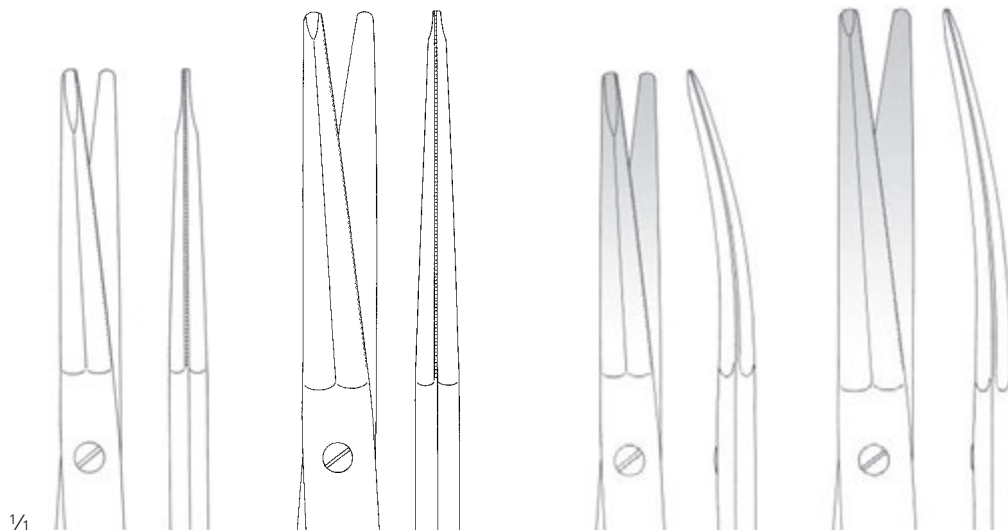
one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata

## Face-lift Scissors



**Gornrey**  
4-276-19  
4-277-23

one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata



4-276-19  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "

4-276-23  
23 cm / 9 "

4-277-19  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "

4-277-23  
23 cm / 9 "



**Rees**  
4-278-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "

one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata





# Aquila Scissors

TC GOLD

04



4-279-20  
20 cm / 7 7/8"



4-279-23  
23 cm / 9"

## Sims-Aquila

4-279-20

4-279-23

Uterine Scissors  
Uterusschere  
Tijera uterina  
Ciseaux utérins  
Forbici per utero

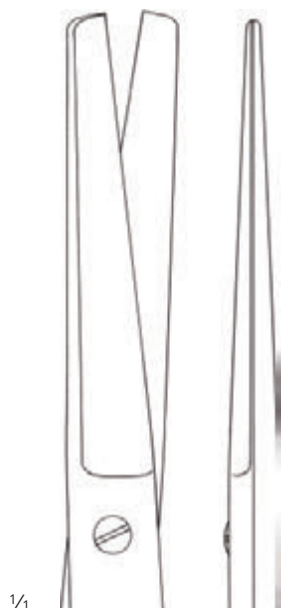
one toothed cutting edge / one cutting edge knife cut  
eine Schneide gezähnt / eine Schneide Messerschiff  
una hoja dentada / una hoja con afilado de cuchillo  
une lame dentelée / une lame avec taille de couteau  
una lama dentata / una lama con affilatura di coltello

# Uterine Scissors

TC GOLD



Sims  
4-280-23  
4-281-23  
23 cm / 9 "



4-280-23



4-281-23

# Hysterectomy Scissors

TC GOLD

04

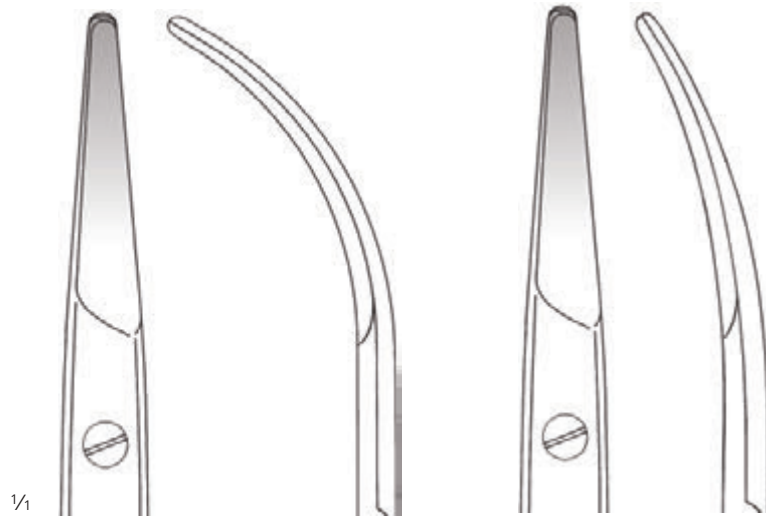


1/2

4-282-22

4-282-23

heavy pattern  
kräftiges Modell  
modelo fuerte  
modèle fort  
modello forte



1/1

4-282-22  
22 cm / 8 <sup>5</sup>/<sub>8</sub> "

4-282-23  
23 cm / 9 "

# Ligature Scissors, Iris Scissors

TC GOLD



1/2



1/1

4-283-13



4-284-13

**Goldmann-Fox**

4-283-13

4-284-13

13 cm / 5 1/8"

one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata



1/2



1/1

4-285-11

11.5 cm / 4 4/8"



1/2

1/1

4-286-11

11.5 cm / 4 4/8"

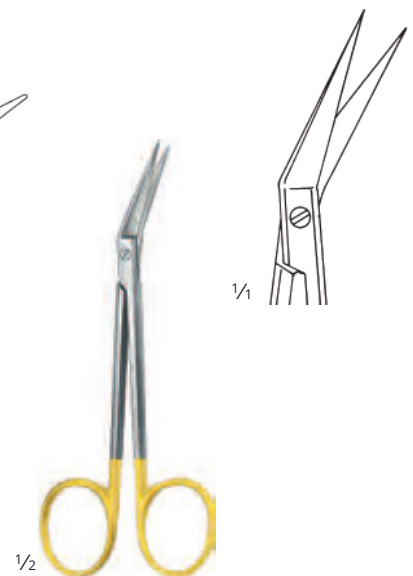
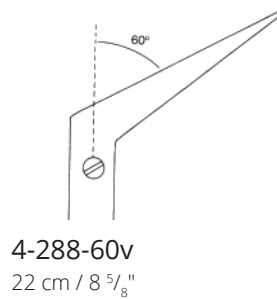
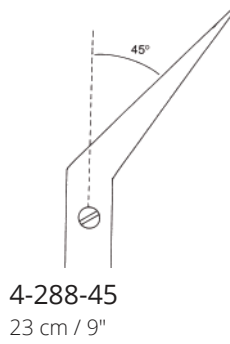
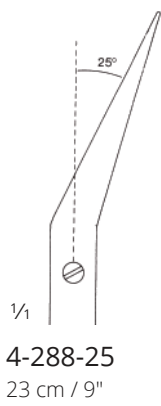
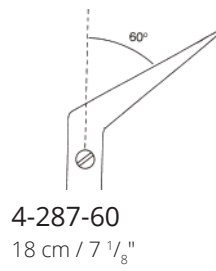
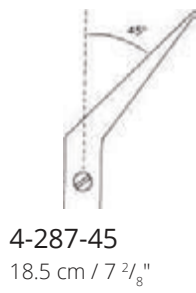
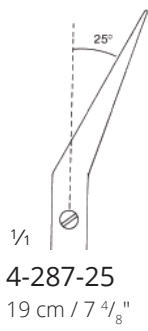
# Angled Scissors

TC GOLD

04



De Bakey  
4-287-25  
4-288-60



4-289-11  
11 cm / 4 3/8"

## Aquila Scissors

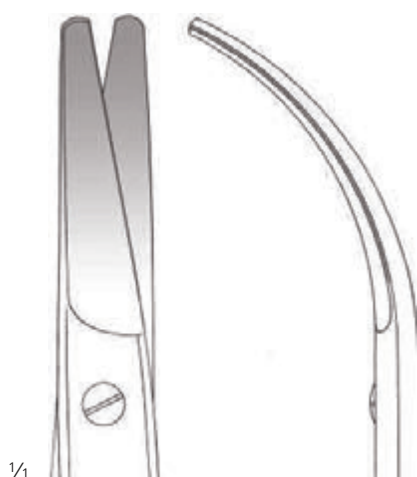
TC GOLD



1/2

4-290-22  
4-290-23

Hysterectomy Scissors  
Hysterektomieschere  
Tijera para histerectomía  
Ciseaux à hystérectomie  
Forbici per isterectomia



1/1

4-290-22  
22 cm / 8 5/8"



4-290-23  
23 cm / 9"

# Dissecting Scissors, Operating Scissors



04



Ragnell  
4-291-12  
4-291-18



4-291-12  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub>"



4-291-15  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"



4-291-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"



Kelly  
4-292-16  
4-293-16



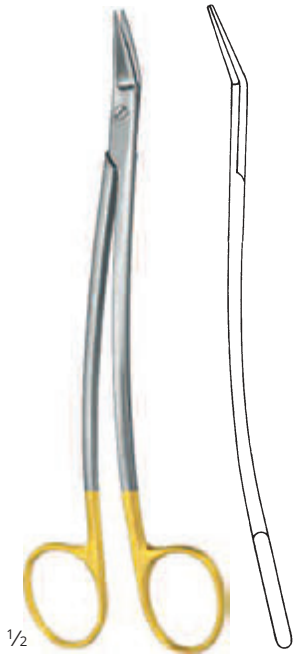
4-292-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



4-293-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"

## Tonsil Scissors, Wire Cutting Scissors

TC GOLD



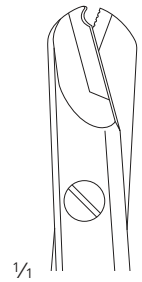
**Dean**  
4-294-17  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"  
one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata



**Universal**  
4-295-12  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub>"  
one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata



**Martin**  
4-296-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"  
Wire cutting scissors  
Drahtschere  
Tijera para alambre  
Ciseaux à fils  
Forbici per fili

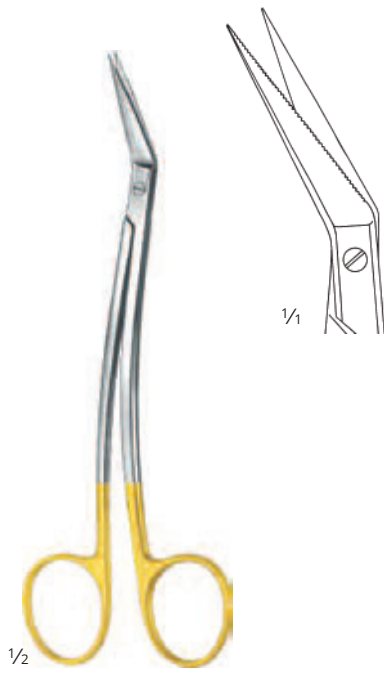




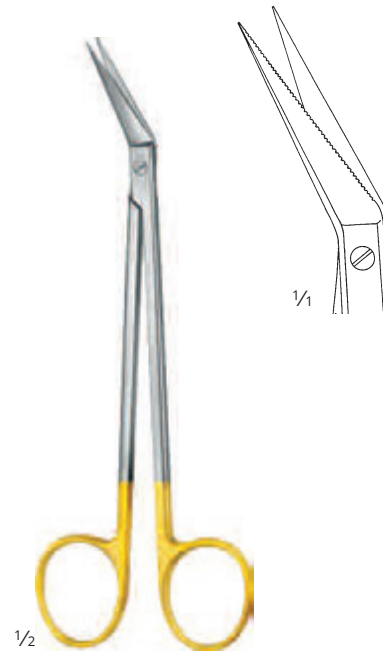
## Gum Scissors

TC GOLD

04



**Locklin**  
**4-297-16**  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"  
one toothed cutting edge  
eine Schneide gezähnt  
una hoja dentada  
une lame dentelée  
una lama dentata



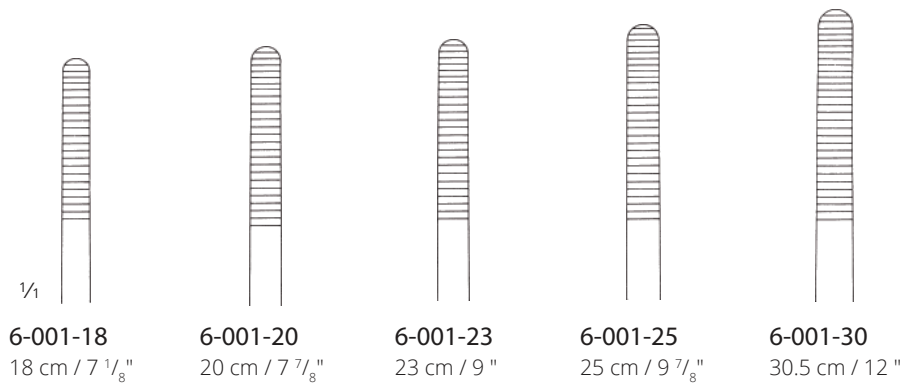
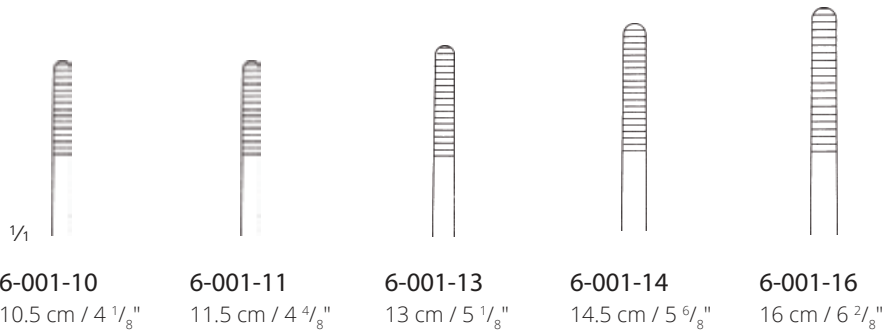
**Locklin**  
**4-298-16**  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"  
one toothed cutting edge  
eine Schneide gezähnt  
una hoja dentada  
une lame dentelée  
una lama dentata



06

# Forceps

# Dissecting Forceps



**6-001-10**  
**6-001-30**  
standard pattern  
Standardmodell  
modelo estándar  
modèle standard  
modello standard

## Dissecting Forceps



1/2

**6-002-11**  
**6-002-30**  
medium width  
mittelbreit  
de anchura medio  
demi-large  
di media larghezza



1/4

**6-002-11**  
12 cm / 4 6/8"



**6-002-13**  
13 cm / 5 1/8"



**6-002-14**  
14.5 cm / 5 6/8"



**6-002-16**  
16 cm / 6 2/8"



**6-002-18**  
18 cm / 7 1/8"



1/4

**6-002-20**  
20 cm / 7 7/8"



**6-002-23**  
23 cm / 9"



**6-002-25**  
25 cm / 9 7/8"

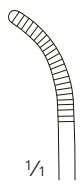


**6-002-30**  
30 cm / 11 6/8"



1/2

**6-003-13**  
13 cm / 5 1/8"

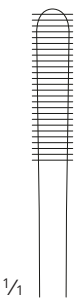


1/4



1/2

**6-004-15**  
14.5 cm / 5 6/8"



1/4

extra wide  
extra breit  
extra ancho  
extra large  
extra largo



1/2

**6-005-13**  
**6-005-14**



1/4

**6-005-13**  
13 cm / 5 1/8"



**6-005-14**  
14.5 cm / 5 6/8"



1/2

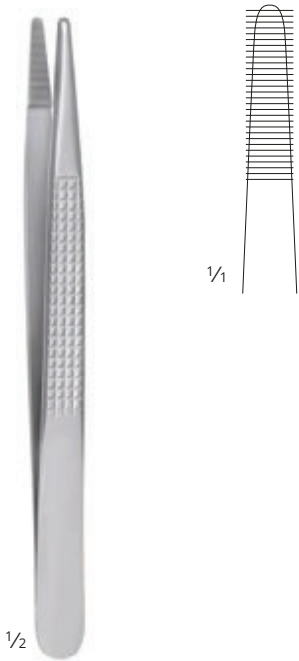
**Stille**  
**6-006-15**  
15 cm / 5 7/8"



1/4

## Dissecting Forceps

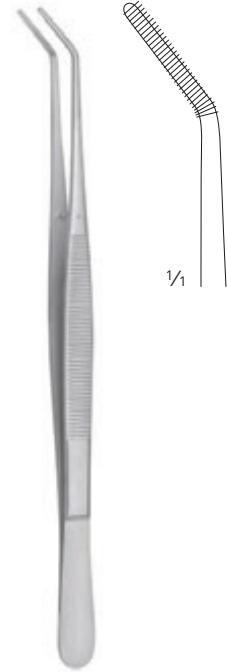
06



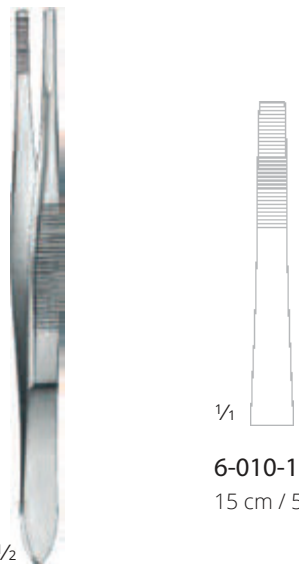
**Bonney**  
6-007-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



**6-008-19**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



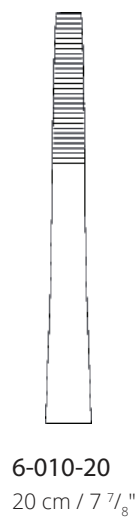
**6-009-20**  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"



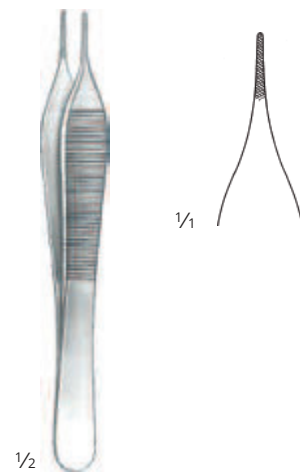
**6-010-15**  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"



**6-010-17**  
17 cm / 6 <sup>7</sup>/<sub>8</sub>"



**6-010-20**  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"



**Mini-Adson**  
6-011-12  
12 cm / 4 <sup>6</sup>/<sub>8</sub>"

**Schweden-Modell**  
6-010-15  
6-010-20

# Dissecting Forceps



**Adson**  
6-012-12  
6-012-15



**6-012-12**  
12 cm / 4 <sup>6</sup>/<sub>8</sub>"



**6-012-15**  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"



**McIndoe**  
6-013-15  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"



**Gillies**  
6-158-05  
15.5 cm / 6.1"



**Waugh**  
6-014-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"



**Semken**  
6-015-12  
6-015-15



**6-015-12**  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub>"



**6-015-15**  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"



**Taylor**  
6-016-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



## Dissecting Forceps

06



**Taylor  
6-017-17**  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"  
with dissector end  
mit Schaberende  
con rascador  
à rugine  
con estremita a forma di raschino



**Taylor  
6-018-17**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"  
with dissector end  
mit Schaberende  
con rascador  
à rugine  
con estremita a forma di raschino

# Micro Dissecting Forceps, Atraumatic Dissecting Forceps

## Atrauma

**6-019-06**  
**6-019-10**  
 15.5 cm / 6 1/8"

**6-019-06**  
 0.6 mm

**6-019-08**  
 0.8 mm

**6-019-10**  
 1.0 mm

**6-020-18**  
 17.5 cm / 6 7/8"



# Dissecting Forceps

	1/4	6-021-18 17.5 cm / 6 7/8"		6-022-18 17 cm / 6 7/8"	1/4
1/2	Gerald 6-021-18 6-022-18		1/2	Cushing 6-023-17 6-024-17	

	1/4	6-025-18 18 cm / 7 1/8"	6-025-21 21 cm / 8 2/8"	6-025-25 25 cm / 9 7/8"
1/2	Potts - Smith 6-025-18 6-025-30			

# Tissue Forceps, Dissecting Forceps

## TC GOLD



1/2

**Bonney**  
6-026-17  
17.5 cm / 6 7/8"



1/1



1:2

standard profile  
Normalprofil  
perfil estándar  
profil normal  
profilo normale



1/2

**Gerald**  
6-027-17  
17.5 cm / 6 7/8"



1/1



1:2

standard profile  
Normalprofil  
perfil estándar  
profil normal  
profilo normale



1/2

**Gillies**  
6-028-15  
15.5 cm / 6 1/8"



1/1



1:2

mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo



1/2

**McIndoe**  
6-029-15  
15 cm / 5 7/8"



1/1

mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo

# Tissue Forceps

## TC GOLD



1/2



1/1

**6-030-16**  
15.5 cm / 6 1/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



1:2



**6-030-18**  
17.5 cm / 6 7/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



1:2



**6-031-16**  
15.5 cm / 6 1/8"  
mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo



1:2



**6-031-18**  
17.5 cm / 6 7/8"  
mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo

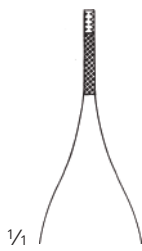


1:2

Semken  
6-030-16  
6-031-18



1/2



1/1

Adson - Brown  
**6-032-18**  
12 cm / 4 6/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale

# Tissue Forceps, Dissecting Forceps

## TC GOLD



1/2



1/1

**6-033-12**  
12 cm / 4 6/8"  
mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo



1:2



**6-033-15**  
15 cm / 5 7/8"  
mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo

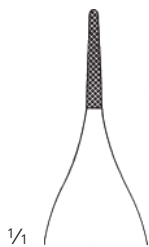


1:2

Adson  
6-033-12  
6-033-15



1/2



1/1

**6-034-12**  
12 cm / 4 6/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



**6-034-15**  
15 cm / 5 7/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



**6-035-12**  
12 cm / 4 6/8"  
mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo



1:2



**6-035-15**  
15 cm / 5 7/8"  
mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo



1:2

Adson  
6-034-12  
6-035-15

# Dissecting Forceps

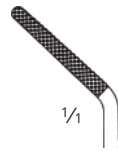
## TC GOLD



normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale

1/2

**Cushing**  
**6-037-17**  
17.5 cm / 6 7/8"



normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale

1/2

**Cushing**  
**6-038-18**  
17 cm / 6 6/8"



normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale

1/2

**Cushing - Taylor**  
**6-039-18**  
18.5 cm / 7 2/8"



**6-040-16**  
16 cm / 6 2/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale

1/2

**Potts - Smith**  
**6-040-16**  
**6-040-25**



**6-040-18**  
18.5 cm / 7 2/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



**6-040-20**  
20 cm / 7 2/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



**6-040-23**  
23 cm / 9"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



**6-040-25**  
25 cm / 9 7/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale

# Tissue Forceps

## TC GOLD



1/2

Oehler  
6-041-14  
6-041-25



1/4

**6-041-14**  
14.5 cm / 5 7/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



**6-041-16**  
16 cm / 6 2/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



**6-041-18**  
18 cm / 7 1/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



**6-041-20**  
20 cm / 7 7/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



**6-041-25**  
25 cm / 9 7/8"  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



# Dissecting Forceps, Atraumatic Dissecting Forceps

TC GOLD

06



**6-042-15**  
15 cm / 5 <sup>7</sup>/<sub>8</sub> "  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale



**6-042-23**  
23 cm / 9 "  
normal profile  
Normalprofil  
perfil normal  
profil normal  
profilo normale

Wangenteen  
6-042-15  
6-042-23

## Atrauma



**6-043-16**  
16 cm / 6 <sup>2</sup>/<sub>8</sub> "  
**2.0 mm**  
mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo



**6-044-16**  
16 cm / 6 <sup>2</sup>/<sub>8</sub> "  
**1.5 mm**  
mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo

De Bakey  
6-043-16  
6-044-24



**6-043-20**  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "  
**2.0 mm**  
mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo



**6-044-20**  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "  
**1.5 mm**  
mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo



**6-043-25**  
24.5 cm / 9 <sup>5</sup>/<sub>8</sub> "  
**2.0 mm**  
mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo



**6-044-25**  
24.5 cm / 9 <sup>5</sup>/<sub>8</sub> "  
**1.5 mm**  
mini profile  
Miniprofil  
perfil mini  
profil mini  
mini-profilo

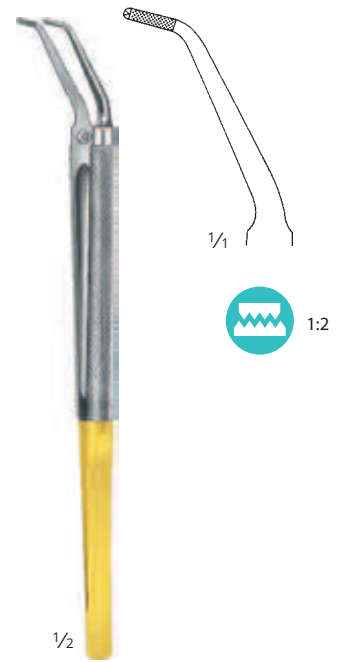
## Dissecting Forceps, Tissue Forceps



JABOMA  
6-045-18  
18 cm / 7 1/8"



JABOMA  
6-046-18  
18 cm / 7 1/8"



JABOMA  
6-047-18  
18 cm / 7 1/8"



# Dissecting Forceps, Atraumatic Dissecting Forceps



1/2

DeBakey  
6-048-16  
6-049-24

## Atrauma



1/1

	1,5 mm	1,8 mm
16 cm / 6 2/8"	6-048-16	6-049-16
20.5 cm / 8 1/8"	6-048-20	6-049-20
24.5 cm / 9 5/8"	6-048-24	6-049-24













Gerald  
6-050-18  
6-052-20



1/1











	Atrauma ♻️	💎	💎
∅	1,2 mm	1,0 x 0,5 mm	1,0 mm
18 cm / 7 1/8"	St 6-050-18	6-051-18	6-052-18
20 cm / 7 7/8"	St 6-050-20	6-051-20	6-052-20

# Tissue Forceps

				
1/1				
<b>6-053-10</b> 10.5 cm / 4 1/8"	<b>6-053-12</b> 12 cm / 4 6/8"	<b>6-053-13</b> 13 cm / 5 1/8"	<b>6-053-14</b> 14.5 cm / 5 6/8"	<b>6-053-16</b> 16 cm / 6 2/8"
 1:2	 1:2	 1:2	 1:2	 1:2



1/2

				
1/1				
<b>6-053-18</b> 18 cm / 7 1/8"	<b>6-053-20</b> 20.5 cm / 8 1/8"	<b>6-053-23</b> 23 cm / 9 "	<b>6-053-25</b> 25 cm / 9 7/8"	<b>6-053-30</b> 30.5 cm / 12 "
 1:2	 1:2	 1:2	 1:2	 1:2

**6-053-10**

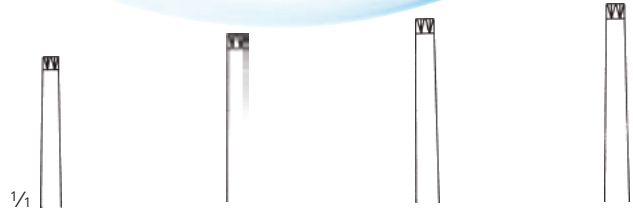
**6-053-30**

standard pattern  
Standardmodell  
modelo estándar  
modèle standard  
modello standard

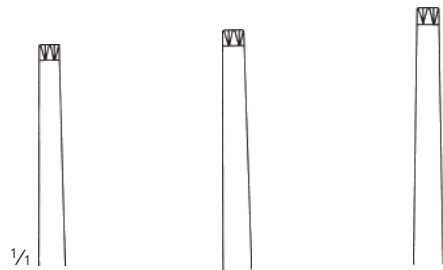
# Tissue Forceps



6-054-12  
6-054-25



6-054-12 12 cm / 4 <sup>6</sup>/<sub>8</sub>"  
6-054-13 13 cm / 5 <sup>1</sup>/<sub>8</sub>"  
6-054-14 14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"  
6-054-16 16 cm / 6 <sup>2</sup>/<sub>8</sub>"



6-054-18 18 cm / 7 <sup>1</sup>/<sub>8</sub>"  
6-054-20 20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"  
6-054-25 25 cm / 9 <sup>7</sup>/<sub>8</sub>"



6-055-14  
6-055-16



6-055-14 14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"  
6-055-16 16 cm / 6 <sup>2</sup>/<sub>8</sub>"  
6-055-20 20 cm / 7 <sup>7</sup>/<sub>8</sub>"  
6-056-14 14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"  
6-056-16 16 cm / 6 <sup>2</sup>/<sub>8</sub>"



6-056-14  
6-056-16

# Tissue Forceps



1/2  
6-057-13  
6-057-30



1/4  
6-057-13  
13 cm / 5 1/8"



6-057-14  
14.5 cm / 5 6/8"



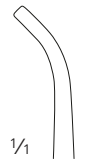
6-057-16  
16 cm / 6 2/8"



6-057-18  
18 cm / 7 1/8"



1/2  
6-058-15  
14.5 cm / 5 6/8"



1/4  
1:2



1/4  
V-057-20  
20.5 cm / 8 1/8"



6-057-23  
23 cm / 9"



6-057-25  
25 cm / 9 7/8"



6-057-30  
30 cm / 11 6/8"



1/2  
6-059-13  
6-059-14



1/4  
6-059-13  
13 cm / 5 1/8"



6-059-14  
14.5 cm / 5 6/8"



1/2  
Stille  
6-060-15  
15 cm / 5 7/8"



1/2  
Stille  
6-061-15  
15 cm / 5 7/8"



# Tissue Forceps



1/2  
Adlerkreutz  
6-062-15  
6-063-25



6-062-15  
15.5 cm / 6 1/8"



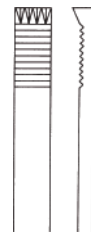
6-062-20  
20.5 cm / 8 1/8"



6-063-15  
15.5 cm / 6 1/8"



6-063-20  
20 cm / 7 7/8"



6-063-25  
25 cm / 9 7/8"



1/2  
Adson  
6-064-12  
6-064-15



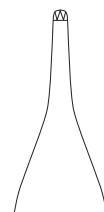
6-064-12  
12 cm / 4 6/8"



6-064-15  
15 cm / 5 7/8"



1/2  
Adson  
6-065-12  
12 cm / 4 6/8"



2:3



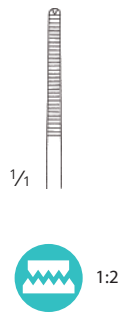
1/2  
Gillies  
6-066-15  
15.5 cm / 6 1/8"



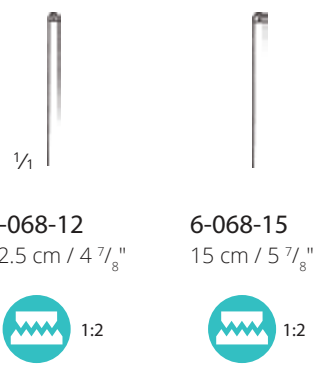
1:2



# Tissue Forceps



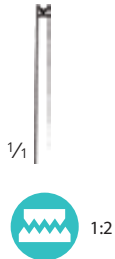
**Waugh**  
6-067-20  
20cm / 7 7/8"



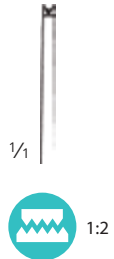
**6-068-12**  
12.5 cm / 4 7/8"

**6-068-15**  
15 cm / 5 7/8"

**Semken**  
6-068-12  
6-068-15



**Taylor**  
6-069-17  
17.5 cm / 6 7/8"



with dissector end  
mit Schaberende  
con rascador  
à rugine  
con estremita a forma di raschino

**Taylor**  
6-070-17  
17 cm / 6 6/8"



with dissector end  
mit Schaberende  
con rascador  
à rugine  
con estremita a forma di raschino

**Taylor**  
6-071-17  
18.5 cm / 7 2/8"

# Micro Tissue Forceps, Tissue Forceps



6-072-06  
6-072-10



6-072-06  
15.5 cm / 6 1/8"  
0.6 mm



6-072-08  
15.5 cm / 6 1/8"  
0.8 mm



6-072-10  
15.5 cm / 6 1/8"  
1.0 mm



Gerald  
6-073-17  
6-074-17



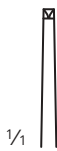
6-073-17  
17.5 cm / 6 7/8"



6-074-17  
17 cm / 6 6/8"



Cushing  
6-075-18  
18 cm / 7 1/8"



1:2



Potts-Smith  
6-076-18  
6-076-30



6-076-18  
18 cm / 7 1/8"



1:2



6-076-21  
21 cm / 8 2/8"



1:2



6-076-25  
25 cm / 9 7/8"



1:2



6-076-30  
30 cm / 11 6/8"



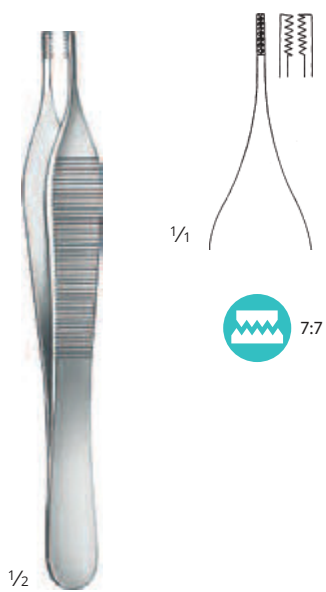
1:2

# Dissecting Forceps, Tissue Forceps

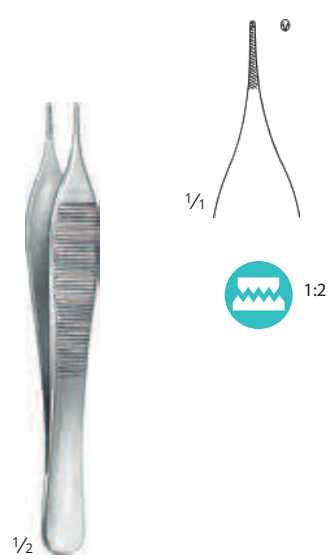


**Rees**  
**6-077-20**  
 20 cm / 7 <sup>7</sup>/<sub>8</sub> "

insulated, for coagulation  
 isoliert, für Koagulation  
 aislado, para coagulación  
 isolée, pour coagulation  
 isolato, per coagulazione



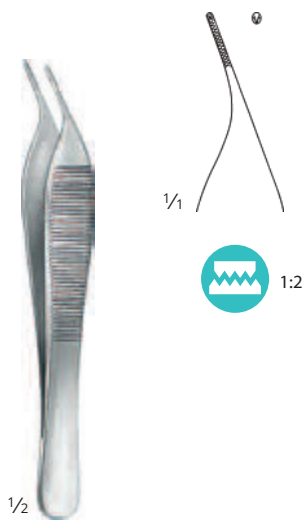
**Adson-Brown**  
**6-078-12**  
 12 cm / 4 <sup>6</sup>/<sub>8</sub> "



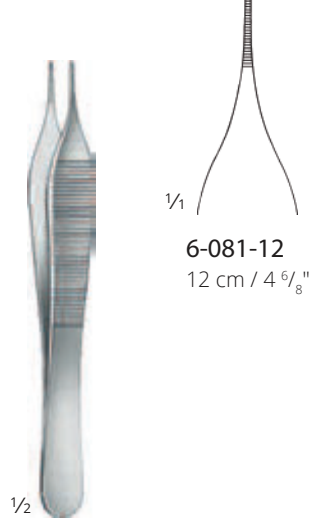
**Mini-Adson**  
**6-079-12**  
 12 cm / 4 <sup>6</sup>/<sub>8</sub> "



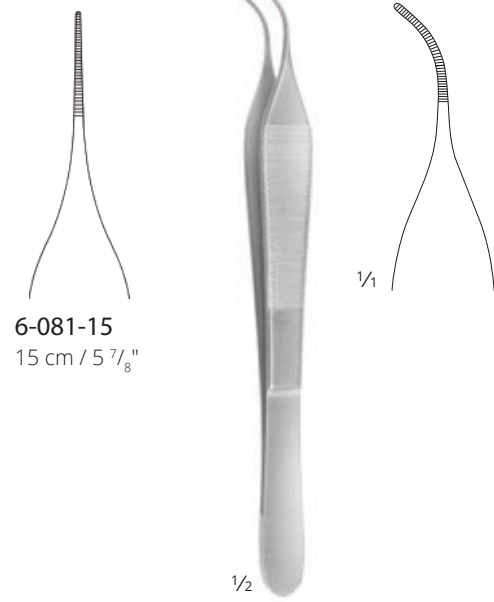
# Tissue Forceps, Dissecting Forceps



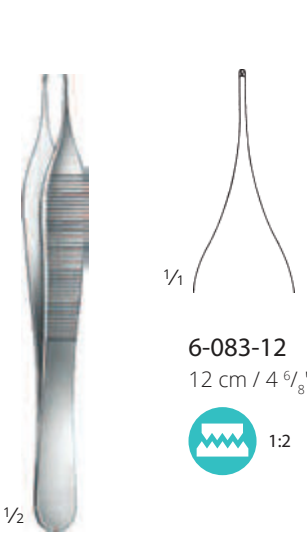
**Mini-Adson**  
6-080-12  
12 cm / 4 6/8"



**Mikro-Adson**  
6-081-12  
6-081-15



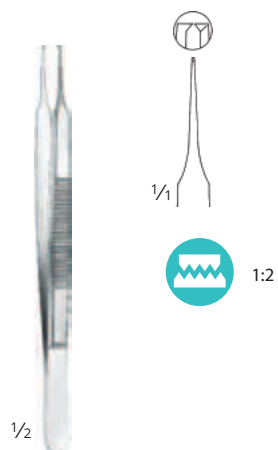
**Mikro-Adson Shigeno**  
6-082-12  
15 cm / 5 7/8"



**Mikro-Adson**  
6-083-12  
6-083-15

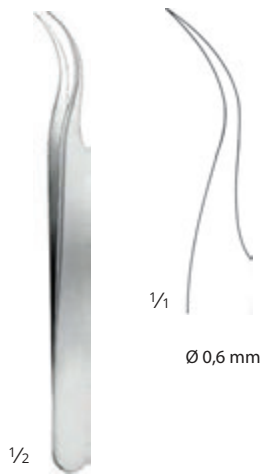


**6-083-15**  
15 cm / 5 7/8"

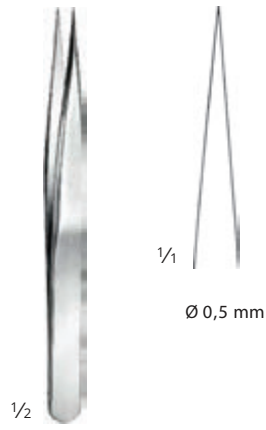


**6-084-11**  
10.5 cm / 4 1/8"  
very fine teeth  
sehr feine Zähne  
dientes muy finos  
dents très fines  
denti molto fini

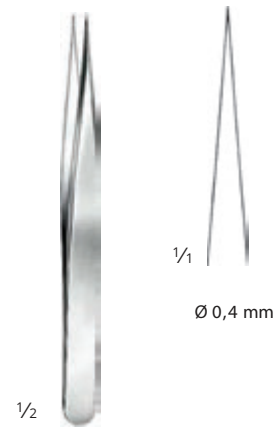
## Jeweler Type Forceps



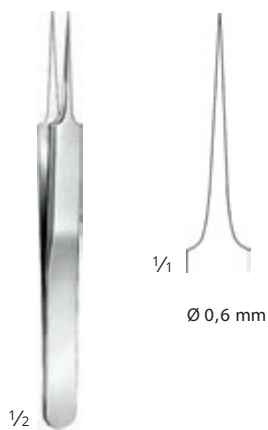
**6-085-12**  
12 cm / 4 <sup>6</sup>/<sub>8</sub>"  
Fig. 7



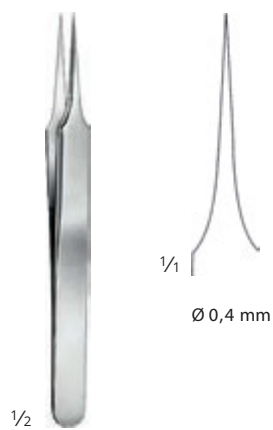
**6-086-12**  
12 cm / 4 <sup>6</sup>/<sub>8</sub>"  
Fig. 3



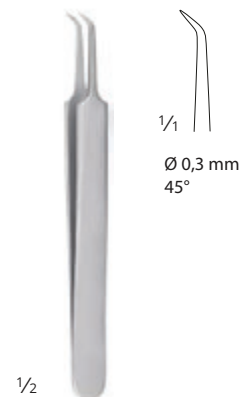
**6-087-11**  
11 cm / 4 <sup>3</sup>/<sub>8</sub>"  
Fig. 3 C



**6-088-11**  
11 cm / 4 <sup>3</sup>/<sub>8</sub>"  
Fig. 5



**6-089-11**  
11 cm / 4 <sup>3</sup>/<sub>8</sub>"  
Fig. 4



**6-090-11**  
11 cm / 4 <sup>3</sup>/<sub>8</sub>"

# Tissue Forceps



6-091-15  
15 cm / 5 7/8"



6-091-20  
20 cm / 7 7/8"



6-091-25  
25.5 cm / 10"

Russ. Modell  
6-091-15  
6-091-25



6-092-14  
14.5 cm / 5 6/8"



6-092-16  
16 cm / 6 2/8"



6-092-20  
20.5 cm / 8 1/8"



6-092-25  
25 cm / 9 7/8"



3:4

1/2

Durate  
6-092-14  
6-092-25

1/2

Stille - Barraya  
6-093-18  
18 cm / 7 1/8"

## Tissue Forceps



Mayo  
6-095-23  
23 cm / 9"



Singley-Tuttle  
6-096-18  
18 cm / 7 1/8"



Bonney  
6-094-18  
17.5 cm / 6 7/8"



Lane  
6-158-06  
14 cm / 5.51"

# Tissue Forceps



**Singley-Tuttle**  
6-097-23  
23 cm / 9 "

**Nelson**  
6-098-23  
23 cm / 9 "

**Resano**  
6-099-23  
23 cm / 9 "

**Hepp-Scheidel**  
6-100-18  
18 cm / 7 1/8"  
Tubal forceps  
Tubenfasspinzette  
Pinza para tubos  
Pince pour saisir les trompes  
pinza oer afferare tubi

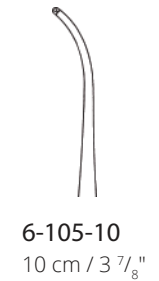
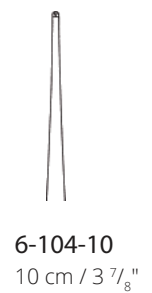
Plastic coated jaw  
Kunststoffbeschichtetes Maul  
Boca de recubrimiento de plástico  
Mors de revêtement en matière plastique  
Morso di rivestimento di plastica

# Dissecting Forceps, Tissue Forceps



1/2

6-101-10  
6-106-10  
delicate  
fein  
fino  
fin  
fino



# Short Micro Forceps



1/2  
6-107-01  
6-108-06  
11 cm / 4 3/8"

●			
Ø	0.15 mm	0.20 mm	0.30 mm
St	6-107-01	6-107-02	6-107-03

●			
Ø	0.50 mm	1.2 mm	1.2 mm
St	6-108-01	6-108-05	6-108-06

●	VD	VD	VD
Ø	0.10 mm	0.20 mm	0.30 mm
gewinkelt/angled/ acodada/angulée/ angolata	10°	10°	10°
St	6-107-04	6-107-05	6-107-06

●			
Ø	0.15 mm	0.20 mm	0.30 mm
St	6-107-07	6-107-08	6-107-09

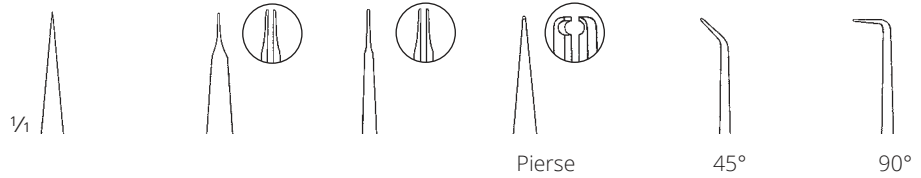
●			
Ø	0.50 mm	1.2 mm	1.2 mm
St	6-108-07	6-108-08	6-108-09

●	VD	VD	VD
Ø	0.10 mm	0.20 mm	0.30 mm
gewinkelt/angled/ acodada/angulée/ angolata	10°	10°	10°
St	6-107-10	6-107-11	6-107-12



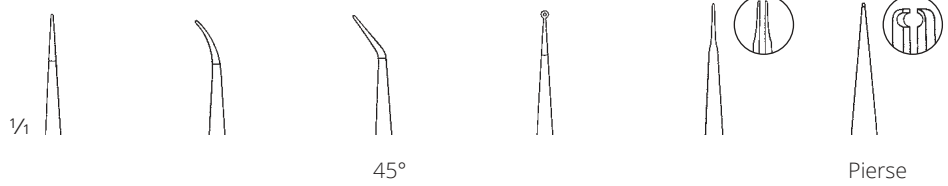
1/2  
6-107-07  
6-108-09  
11 cm / 4 3/8"

## Micro Forceps, Micro dilating forceps



	0.30 mm	VD 0.20 mm	VD 0.30 mm	P 0.30 mm	0.30 mm	0.30 mm
11 cm / 4 <sup>3</sup> / <sub>8</sub> " <b>St</b>	6-109-00	6-109-02	6-109-03	6-109-05	6-109-45	6-109-90
13.5 cm / 5 <sup>3</sup> / <sub>8</sub> " <b>St</b>	6-110-00	6-110-02	6-110-03	6-110-05	6-110-45	6-110-90

Jeweler mod.  
6-109-00  
6-110-90



	0.30 mm	0.30 mm	0.30 mm	R Ø 1.0 x 0.5 mm	VD 0.30 mm	P 0.30 mm
15 cm / 5 <sup>7</sup> / <sub>8</sub> " <b>St</b>	6-111-00	6-111-01	6-111-02	6-111-03	6-111-04	6-111-05
18 cm / 7 <sup>1</sup> / <sub>8</sub> " <b>St</b>	6-112-00	6-112-01	6-112-02	6-112-03	6-112-04	6-112-05

6-111-00  
6-112-05

VD = Vascular Dilator  
Gefäßdilator  
Dilatador vascular  
Dilatateur vasculaire  
Dilatatore vascolare



# Micro Forceps, Micro dilating forceps

  
diamond-coated

06



1/2

6-113-00  
6-114-05



	0.30 mm	0.30 mm	0.30 mm	R Ø 1.0 x 0.5 mm	VD 0.30 mm	P 0.30 mm
15 cm / 5 7/8" <b>St</b>	6-113-00	6-113-01	6-113-02	6-113-03	6-113-04	6-113-05
18 cm / 7 1/8" <b>St</b>	6-114-00	6-114-01	6-114-02	6-114-03	6-114-04	6-114-05



1/2



	0.40 mm	0.40 mm	0.70 mm	0.70 mm	0.80 mm	0.80 mm
15 cm / 5 7/8" <b>St</b>	6-115-15	6-116-15	6-117-15	6-118-15		
15 cm / 5 7/8" <b>Ti</b>	6-119-15	6-120-15			6-121-15	6-122-15
18 cm / 7 1/8" <b>St</b>	6-115-18	6-116-18	6-117-18	6-118-18		
18 cm / 7 1/8" <b>Ti</b>	6-119-18	6-120-18			6-121-18	6-122-18
21 cm / 8 2/8" <b>St</b>			6-117-21	6-118-21		
21 cm / 8 2/8" <b>Ti</b>					6-121-21	6-122-21
23 cm / 9" <b>St</b>			6-117-23	6-118-23		

VD = Vascular Dilator  
Gefäßdilator  
Dilatador vascular  
Dilatateur vasculaire  
Dilatatore vascolare

# Micro Forceps



	0.40 mm	0.40 mm	0.70 mm	0.70 mm	0.80 mm	0.80 mm
15 cm / 5 7/8" <b>St</b>	6-123-15	6-124-15	6-125-15	6-126-15		
15 cm / 5 7/8" <b>Ti</b>	6-127-15	6-128-15			6-129-15	6-130-15
18 cm / 7 1/8" <b>St</b>	6-123-18	6-124-18	6-125-18	6-126-18		
18 cm / 7 1/8" <b>Ti</b>	6-127-18	6-128-18			6-129-18	6-130-18
21 cm / 8 2/8" <b>St</b>			6-125-21	6-126-21		
21 cm / 8 2/8" <b>Ti</b>					6-129-21	6-130-21
23 cm / 9" <b>St</b>			6-125-23	6-126-23		

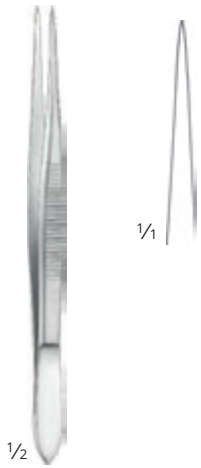


## Atrauma

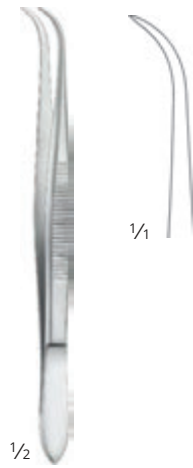
	R Ø 1.0 x 0.5 mm	R Ø 2.0 x 1.0 mm	1.2 mm	
15 cm / 5 7/8" <b>St</b>	6-131-15	6-132-15	6-133-15	
15 cm / 5 7/8" <b>Ti</b>	6-134-15	6-135-15	6-136-15	
18 cm / 7 1/8" <b>St</b>	6-131-18	6-132-18	6-133-18	
18 cm / 7 1/8" <b>Ti</b>	6-134-18	6-135-18	6-136-18	
21 cm / 8 2/8" <b>St</b>	6-131-21	6-132-21	6-133-21	
21 cm / 8 2/8" <b>Ti</b>	6-134-21	6-135-21	6-136-21	
23 cm / 9" <b>St</b>	6-131-23	6-132-23		

## Splinter Forceps

06



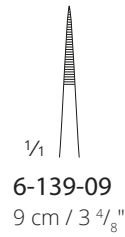
**6-137-12**  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub>"  
smooth jaw  
glattes Maul  
boca lisa  
mors lisse  
morso liscio



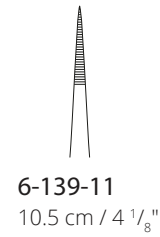
**6-138-12**  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub>"  
smooth jaw  
glattes Maul  
boca lisa  
mors lisse  
morso liscio



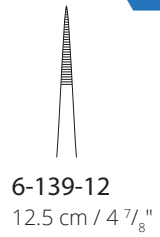
**6-139-09**  
**6-139-12**  
serrated jaw  
gerieftes Maul  
boca estriada  
mors strié  
morso striato



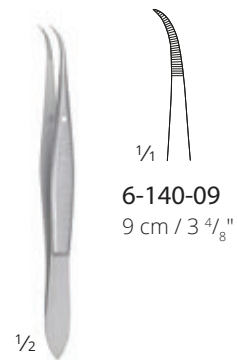
**6-139-09**  
9 cm / 3 <sup>4</sup>/<sub>8</sub>"



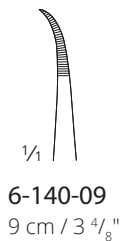
**6-139-11**  
10.5 cm / 4 <sup>1</sup>/<sub>8</sub>"



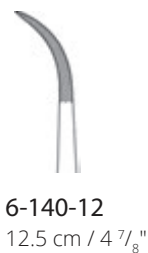
**6-139-12**  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub>"



**6-140-09**  
**6-140-12**  
serrated jaw  
gerieftes Maul  
boca estriada  
mors strié  
morso striato



**6-140-09**  
9 cm / 3 <sup>4</sup>/<sub>8</sub>"



**6-140-12**  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub>"



**6-141-12**  
12 cm / 5 <sup>6</sup>/<sub>8</sub>"



**1/1**  
0,3 mm



**6-142-16**  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub>"  
Micro Tying Forceps, smooth jaw  
Mikro-Knüpfpinzette, glattes Maul  
Micro Pinza para anudar, boca lisa  
Micro-Pince à poser des ligatures, mors lisse  
Micro-Pinza per legature, morso liscio



**1/1**

## Splinter Forceps



1/2  
Feilchenfeld  
6-143-07  
6-143-11



6-143-07  
7.5 cm / 3 "



6-143-09  
9 cm / 3 4/8"



6-143-11  
11.5 cm / 4 4/8"



1/2  
Hunter  
6-144-10  
6-145-10



6-144-10  
10.5 cm / 4 1/8"



6-145-10  
10.5 cm / 4 1/8"



1/2  
6-146-10  
10 cm / 3 7/8"

Microscopic Forceps, super light, blunt  
Mikroskopierpinzette, superleicht, stumpf  
Pinza para microscopia, super ligero, roma  
Pince à microscopie, très légère, mousse  
Pinza per microscopia, molto leggera, smussa



1/2  
6-147-10  
10 cm / 3 7/8"

Microscopic Forceps, super light, sharp  
Mikroskopierpinzette, superleicht, spitz  
Pinza para microscopia, super ligero, puntiaguda  
Pince à microscopie, très légère, pointue  
Pinza per microscopia, molto leggera, appuntata



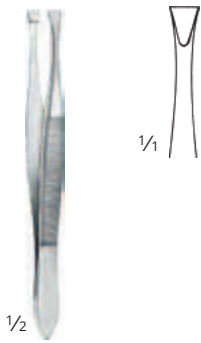
1/2  
Shaaf  
6-148-09  
9.5 cm / 3 6/8"



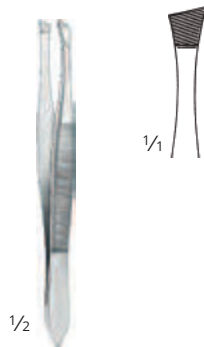
Tweezer  
6-158-01  
10 cm / 3.93"

## Cilia Forceps

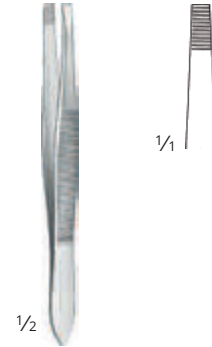
06



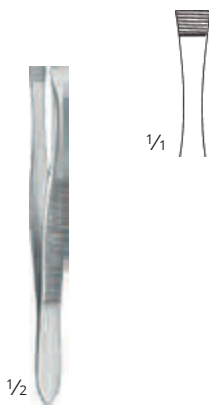
**Littauer**  
**6-149-08**  
 8.5 cm / 3 <sup>3</sup>/<sub>8</sub> "  
 smooth jaw  
 glattes Maul  
 boca lisa  
 mors lisse  
 morso liscio



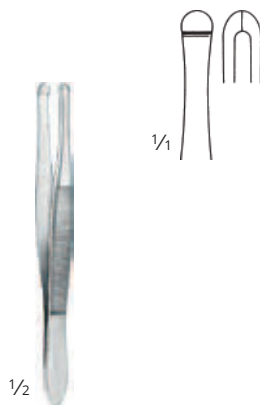
**6-150-09**  
 9 cm / 3 <sup>4</sup>/<sub>8</sub> "



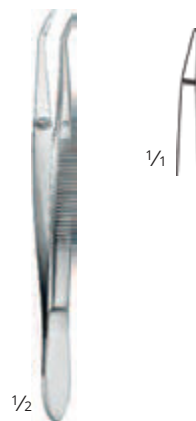
**Douglas**  
**6-151-09**  
 9 cm / 3 <sup>4</sup>/<sub>8</sub> "



**Douglas**  
**6-152-09**  
 9 cm / 3 <sup>4</sup>/<sub>8</sub> "

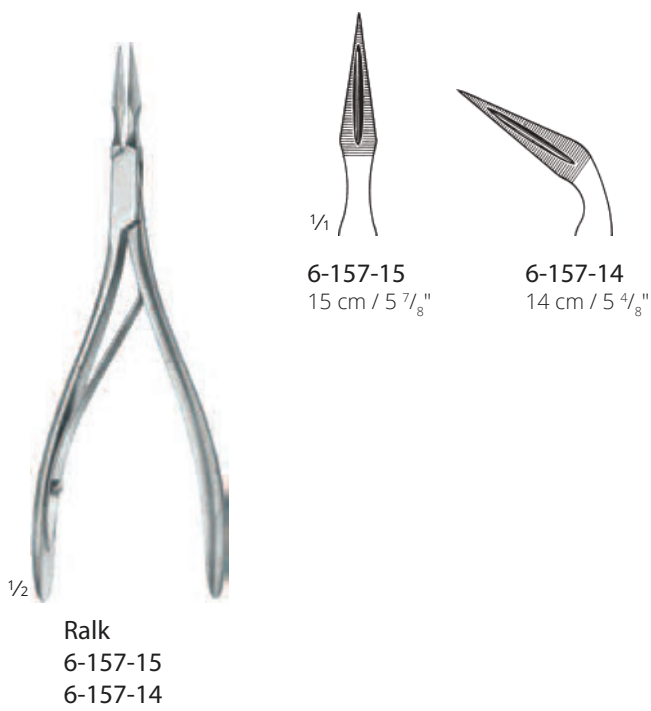
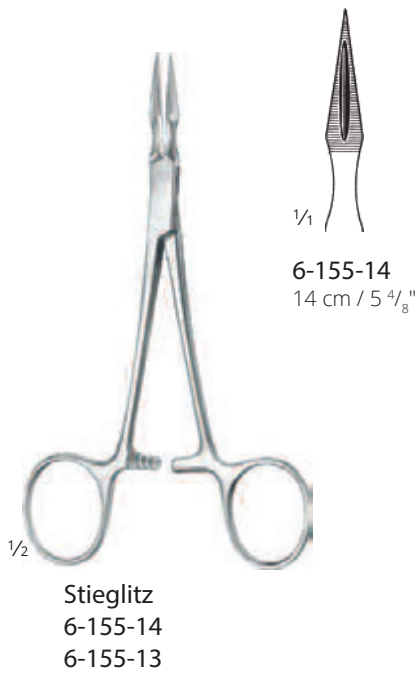


**Beer**  
**6-153-09**  
 9 cm / 3 <sup>4</sup>/<sub>8</sub> "  
 smooth jaw  
 glattes Maul  
 boca lisa  
 mors lisse  
 morso liscio



**Barraquer**  
**6-154-11**  
 11 cm / 4 <sup>3</sup>/<sub>8</sub> "  
 smooth jaw  
 glattes Maul  
 boca lisa  
 mors lisse  
 morso liscio

# Splinter Forceps





08

# Haemostatic Forceps

## Clip Applying Forceps, Vessel Clips



1/2

**8-001-14**  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "  
without lock  
ohne Schloss  
sin cierre  
sans serrure  
senza serratura



8-003-04  
8-004-05



1/2

**8-002-14**  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "  
with lock  
mit Schloss  
con cierre  
avec serrure  
con serratura



8-003-04  
8-004-05



1/1

**Biemer**  
8-003-04  
8-004-05



1/1



St	8-003-04	8-003-05	8-004-05
	14 mm	17 mm	17 mm
	6 mm	9 mm	9 mm
	4 mm	7 mm	7 mm
P	30 - 40 g	30 - 40 g	20 - 25 g



## Vessel Clips, Approximators

08



Biemer-Müller



St	8-005-05	8-006-05	8-007-03	8-008-05	8-009-05
	straight, wide gerade, breit recta, ancho droit, large retta, largo	angled, wide gewinkelt, breit angulada, ancho coudé, large angulata, largo	straight, narrow gerade, schmal recta, estrecha droit, étroite retta, stretta	straight, narrow gerade, schmal recta, estrecha droit, étroite retta, stretta	angled, narrow gewinkelt, schmal angulada, estrecha coudé, étroite angulata, stretta
	17 mm	17 mm	13 mm	17 mm	17 mm
	9 mm	9 mm	4,5 mm	9 mm	9 mm
	7 mm	7 mm	4 mm	7 mm	7 mm
	30 - 40 g	30 - 40 g	30 - 40 g	30 - 40 g	25 - 30 g

## Mini Vessel Clips, Clip Applying Forceps



8-012-04  
8-012-10

1/2

**8-010-14**  
14.5 cm / 5 6/8"   
with ratchet  
mit Sperre  
con cremallera  
avec cremaillère  
con cremagliera



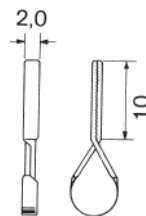
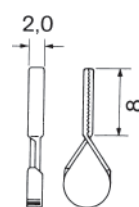
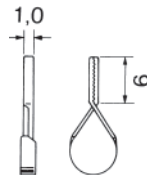
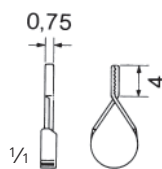
8-012-04  
8-012-10

1/2

**8-011-18**  
18.5 cm / 7 2/8"   
with ratchet  
mit Sperre  
con cremallera  
avec cremaillère  
con cremagliera



1/4  
8-012-04  
8-012-10



St	8-012-04	8-012-06	8-012-08	8-012-10
	1,3 cm	1,5 cm	1,7 cm	2,0 cm
	4 mm	6 mm	8 mm	10 mm
	4 mm	5 mm	6 mm	7 mm
	60 g	85 g	100 g	125 g

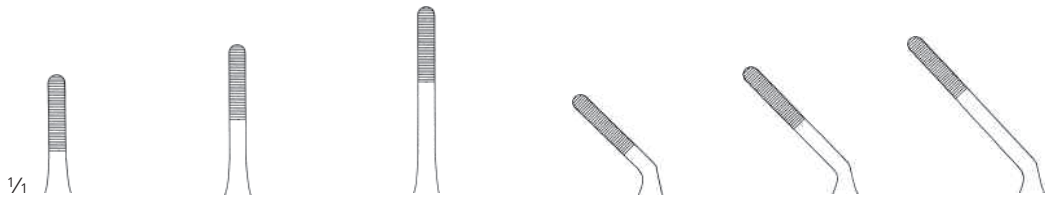
# Bulldog Clamps



1/4

**8-013-10**  
**8-014-18**

extra light  
extra leicht  
extra ligero  
extrêmement léger  
molto leggere



	8-013-10	8-013-14	8-013-18	8-014-10	8-014-14	8-014-18
Length Länge Longitud Longueur Lunghezza	31 mm	35 mm	39 mm	30 mm	33 mm	36 mm
Jaw length Maullänge Longitud de la boca Longueur de mors Lunghezza del morso	10 mm	14 mm	18 mm	10 mm	14 mm	18 mm
Closing pressure Schließdruck Presión de cierre Pression d'occlusion Pressione di chiusura	30 gr	30 gr	30 gr	30 gr	30 gr	30 gr
Weight Gewicht Peso Poids Peso	30 gr	30 gr	30 gr	30 gr	30 gr	30 gr



1/4

**Dieffenbach**  
**8-015-06**  
**8-018-05**



1/4

**8-015-06**  
6 cm / 2 3/8"   
17mm



**8-016-06**  
6 cm / 2 3/8"   
17mm



1/4

**8-017-03**  
3.5 cm / 1 3/8"   
11mm



**8-017-05**  
5 cm / 2"   
15 mm



**8-018-03**  
3.5 cm / 1 3/8"   
11 mm



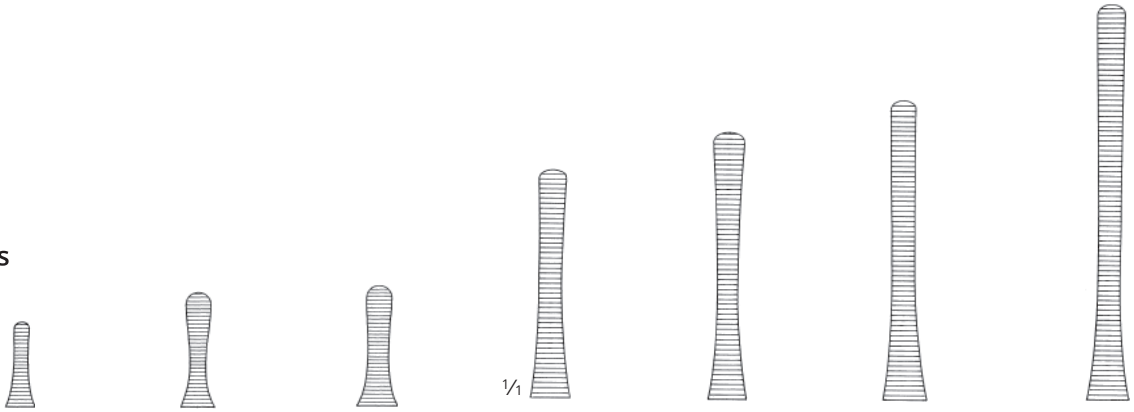
**8-018-05**  
5 cm / 2"   
15 mm

## Bulldog Clamps



1/2

**Johns-Hopkins**  
8-019-38  
8-019-90

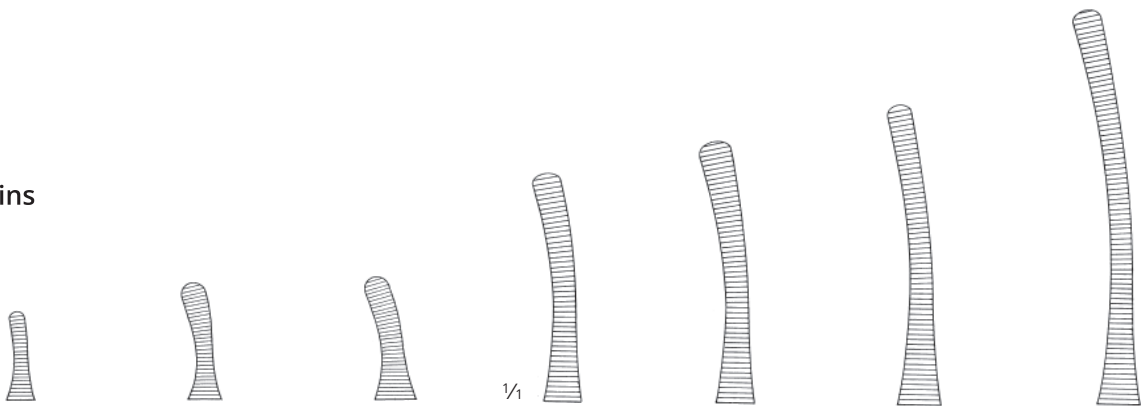


	8-019-38	8-019-45	8-019-55	8-019-65	8-019-70	8-019-75	8-019-90
	3.8 cm / 1 3/8"	4.5 cm / 1 6/8"	5.5 cm / 2 1/8"	6.5 cm / 2 4/8"	7 cm / 2 4/8"	7.5 cm / 3"	9 cm / 3 4/8"
	12 mm	17 mm	25 mm	30 mm	30 mm	40 mm	50 mm
	300 g	300 g	300 g	300 g	300 g	300 g	300 g



1/2

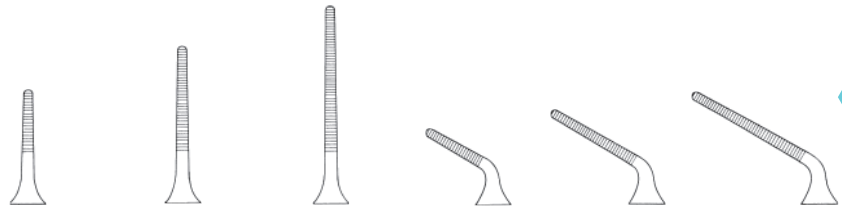
**Johns-Hopkins**  
8-020-38  
8-020-90



	8-020-38	8-020-45	8-020-55	8-020-65	8-020-70	8-020-75	8-020-90
	3.8 cm / 1 3/8"	4.5 cm / 1 6/8"	5.5 cm / 2 1/8"	6.5 cm / 2 4/8"	7 cm / 2 4/8"	7.5 cm / 3"	9 cm / 3 4/8"
	12 mm	17 mm	25 mm	30 mm	30 mm	40 mm	50 mm
	300 g	300 g	300 g	300 g	300 g	300 g	300 g

# Bulldog Clamps

08



1/1

Diethrich  
8-021-08  
8-021-10  
8-021-12  
8-022-08  
8-022-10  
8-022-12

	8-021-08	8-021-10	8-021-12	8-022-08	8-022-10	8-022-12
Length Länge Longitud Longueur Lunghezza	45 mm	50 mm	60 mm	40 mm	45 mm	50 mm
Jaw length Maullänge Longitud de la boca Longueur de mors Lunghezza del morso	8 mm	12 mm	20 mm	8 mm	12 mm	20 mm
Closing pressure Schließdruck Presión de cierre Pression d'occlusion Pressione di chiusura	50 gr	50 gr	50 gr	50 gr	50 gr	50 gr
Weight Gewicht Peso Poids Peso	3 gr	3 gr	3 gr	3 gr	3 gr	3 gr

## Atrauma



1/1

De Bakey  
Diethrich  
8-023-10  
8-023-14  
8-023-20  
8-024-10  
8-024-14  
8-024-20

	8-023-10	8-023-14	8-023-20	8-024-10	8-024-14	8-024-20
Length Länge Longitud Longueur Lunghezza	45 mm	50 mm	60 mm	35 mm	45 mm	50 mm
Jaw length Maullänge Longitud de la boca Longueur de mors Lunghezza del morso	10 mm	14 mm	20 mm	10 mm	14 mm	20 mm
Closing pressure Schließdruck Presión de cierre Pression d'occlusion Pressione di chiusura	180 gr	180 gr	180 gr	180 gr	180 gr	180 gr
Weight Gewicht Peso Poids Peso	3 gr	3 gr	3 gr	3 gr	3 gr	3 gr

# Bulldog Clamps

## Atrauma

Ti



1/1

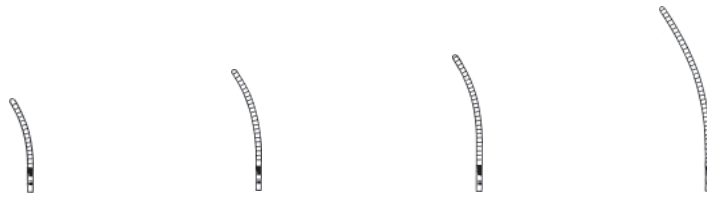


	8-025-30	8-025-35	8-025-40	8-025-50
	Vena	Vena	Vena	Vena
Closing pressure Schließdruck Presión de cierre Pression d'occlusion Pressione di chiusura	110 +/- 40 gr	110 +/- 40 gr	110 +/- 40 gr	110 +/- 40 gr
	8-026-30	8-026-35	8-026-40	8-026-50
	Arteria	Arteria	Arteria	Arteria
Closing pressure Schließdruck Presión de cierre Pression d'occlusion Pressione di chiusura	110 +/- 60 gr	110 +/- 60 gr	110 +/- 60 gr	110 +/- 60 gr
Length Länge Longitud Longueur Lunghezza	30 mm	35 mm	40 mm	50 mm
Jaw length Maullänge Longitud de la boca Longueur de mors Lunghezza del morso	9 mm	13 mm	14 mm	23 mm
Weight Gewicht Peso Poids Peso	1 gr	1 gr	1 gr	1.5 gr

# Bulldog Clamps

08

## Atrauma



Ti



1/1

	8-027-30	8-027-35	8-027-40	8-027-50
	Vena	Vena	Vena	Vena
Closing pressure Schließdruck Presión de cierre Pression d'occlusion Pressione di chiusura	110 +/- 40 gr	110 +/- 40 gr	110 +/- 40 gr	110 +/- 40 gr
	8-028-30	8-028-35	8-028-40	8-028-50
	Arteria	Arteria	Arteria	Arteria
Closing pressure Schließdruck Presión de cierre Pression d'occlusion Pressione di chiusura	210 +/- 60 gr	210 +/- 60 gr	210 +/- 60 gr	210 +/- 60 gr
Length Länge Longitud Longueur Lunghezza	30 mm	35 mm	40 mm	50 mm
Jaw length Maullänge Longitud de la boca Longueur de mors Lunghezza del morso	9 mm	13 mm	14 mm	23 mm
Weight Gewicht Peso Poids Peso	1 gr	1 gr	1gr	1.5 gr

# Bulldog Clamps

## Atrauma

Ti



1/1



	8-029-30	8-029-35	8-029-40	8-029-50
	Vena	Vena	Vena	Vena
Closing pressure Schließdruck Presión de cierre Pression d'occlusion Pressione di chiusura	110 +/- 40 gr	110 +/- 40 gr	110 +/- 40 gr	110 +/- 40 gr
	8-030-30	8-030-35	8-030-40	8-030-50
	Arteria	Arteria	Arteria	Arteria
Closing pressure Schließdruck Presión de cierre Pression d'occlusion Pressione di chiusura	220 +/- 60 gr	220 +/- 60 gr	220 +/- 60 gr	220 +/- 60 gr
Length Länge Longitud Longueur Lunghezza	30 mm	35 mm	40 mm	50 mm
Jaw length Maullänge Longitud de la boca Longueur de mors Lunghezza del morso	9 mm	13 mm	14 mm	23 mm
Weight Gewicht Peso Poids Peso	1 gr	1 gr	1gr	1.5 gr

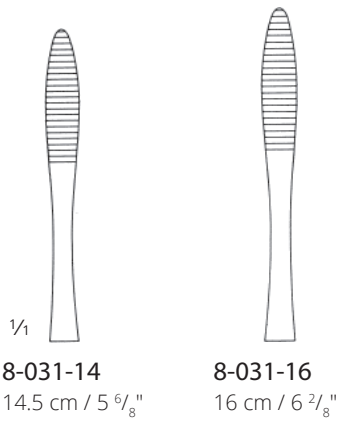


# Haemostatic Forceps



1/2

**Pean**  
8-031-14  
8-031-16



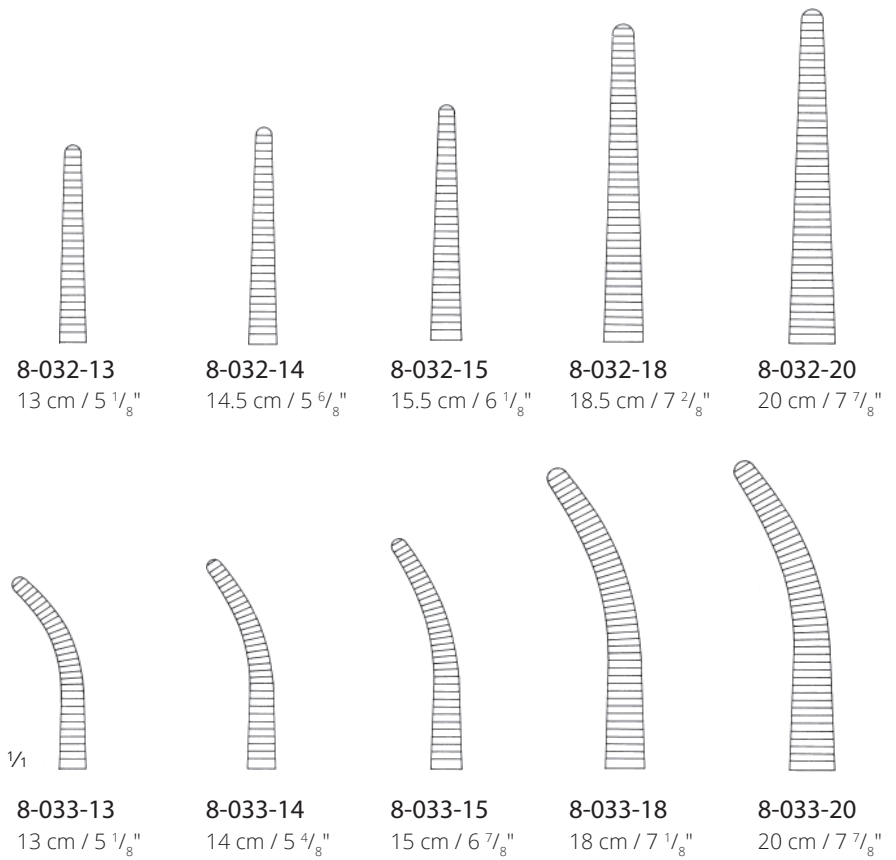
1/4  
**8-031-14**  
14.5 cm / 5 6/8"

**8-031-16**  
16 cm / 6 2/8"



1/2

**Spencer-Wells**  
8-032-13  
8-033-20



**8-032-13**  
13 cm / 5 1/8"

**8-032-14**  
14.5 cm / 5 6/8"

**8-032-15**  
15.5 cm / 6 1/8"

**8-032-18**  
18.5 cm / 7 2/8"

**8-032-20**  
20 cm / 7 7/8"

1/4  
**8-033-13**  
13 cm / 5 1/8"

**8-033-14**  
14 cm / 5 4/8"

**8-033-15**  
15 cm / 6 7/8"

**8-033-18**  
18 cm / 7 1/8"

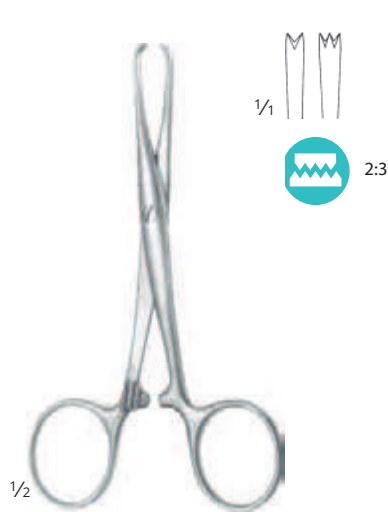
**8-033-20**  
20 cm / 7 7/8"

# Haemostatic Forceps, Organ Grasping Forceps

Atrauma



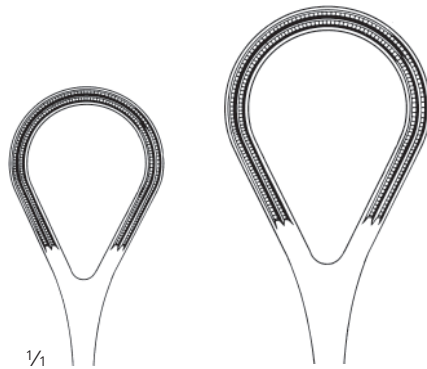
8-036-25  
8-036-26



Chaput  
8-034-13  
12.5 cm / 4 7/8"



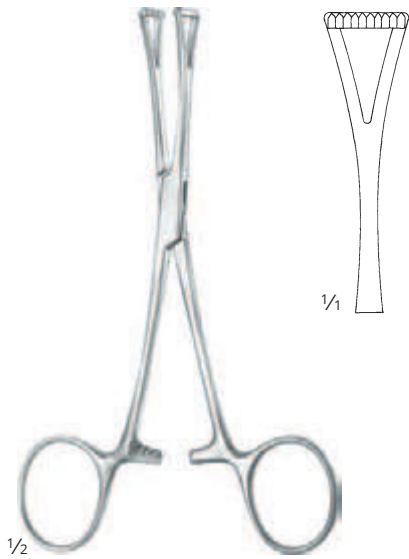
Tuffier  
8-035-13  
12.5 cm / 4 7/8"



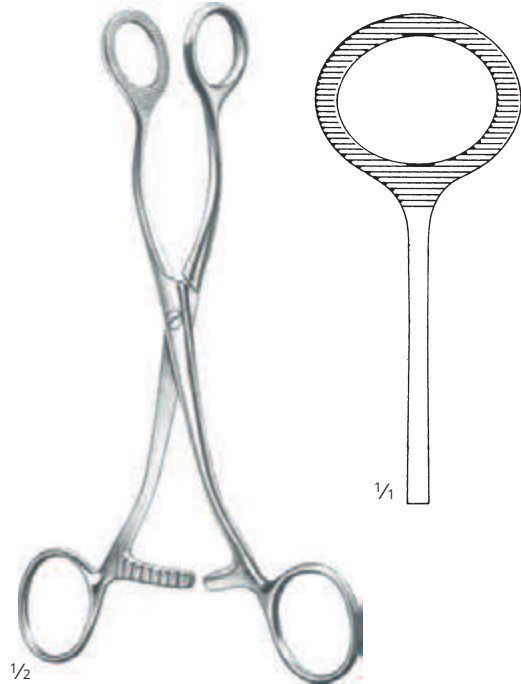
8-036-25  
25 cm / 9 7/8"

8-036-26  
26 cm / 10 2/8"

# Organ Grasping Forceps



1/2  
**Collin**  
**8-037-14**  
 14 cm / 5 4/8"



1/2  
**Collin**  
**8-038-17**  
 17 cm / 6 6/8"  
 Tumor Grasping Forceps  
 Tumorfasszange  
 Pinzas para sacar órganos  
 Pinces à tumeurs à vis  
 Pinze per afferrare tumori



1/2  
**Pennington**  
**8-039-15**  
**8-039-20**

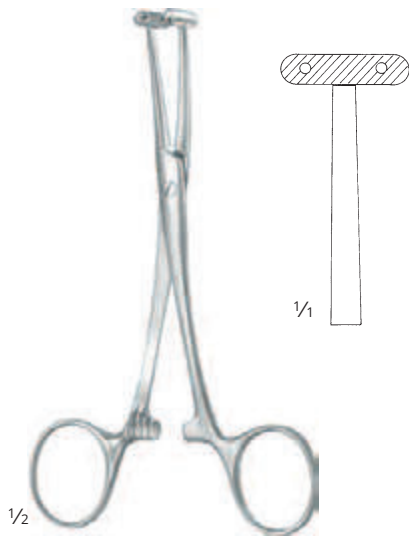


1/1  
**8-039-15**  
 15.5 cm / 6 1/8"



1/1  
**8-039-20**  
 21 cm / 8 2/8"

## Haemostatic Forceps, Dissecting and Ligature Forceps



**Martel-Rees**  
**8-040-14**  
 13.5 cm / 5 <sup>3</sup>/<sub>8</sub>"  
 Face-lift Forceps  
 Face-lift-Klemme  
 Pinza para Face-lift  
 Pinces pour Face-lift  
 Pinze per Face-lift



**Mixer-Baby**  
**8-041-01**  
**8-041-02**

**8-041-01**  
 13.5 cm / 5 <sup>3</sup>/<sub>8</sub>"

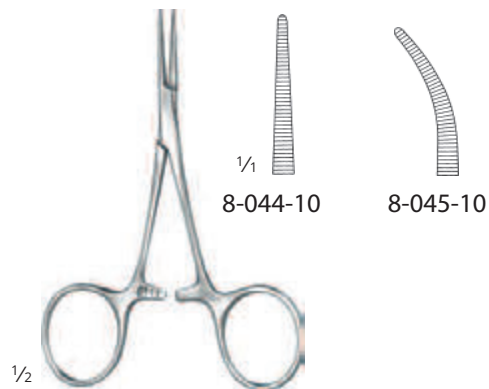
**8-041-02**  
 13 cm / 5 <sup>1</sup>/<sub>8</sub>"



**Mikro-Adson**  
**8-042-14**  
 14 cm / 5 <sup>4</sup>/<sub>8</sub>"



**Baby-Adson**  
**8-043-18**  
 18 cm / 7 <sup>1</sup>/<sub>8</sub>"



**Hartmann**  
**8-044-10**  
**8-045-10**  
 10 cm / 3 <sup>7</sup>/<sub>8</sub>"

**8-044-10**

**8-045-10**



**8-046-12**  
 12 cm / 4 <sup>6</sup>/<sub>8</sub>"  
 Ligature Forceps  
 Fadenklemme  
 Pinza para hilos  
 Pince à ligatures  
 Pinza per legature













cross serrated jaw  
 kreuzgerieftes Maul  
 boca estriada en forma de cruz  
 mors à rainures croisées  
 morso con striatura cruciforme

# Haemostatic Forceps



1/2











Halsted-Mosquito  
8-047-12 - 8-050-14

			
1/1			
<b>8-047-12</b> 12.5 cm / 4 7/8"	<b>8-047-14</b> 14.5 cm / 5 6/8"	<b>8-048-12</b> 12 cm / 4 6/8"	<b>8-048-14</b> 14 cm / 5 4/8"
			
1/1			
<b>8-049-12</b> 12.5 cm / 4 7/8"	<b>8-049-14</b> 14.5 cm / 5 6/8"	<b>8-050-12</b> 12.5 cm / 4 7/8"	<b>8-050-14</b> 14.5 cm / 5 6/8"
 1:2	 1:2	 1:2	 1:2



1/2

Halsted-Mosquito  
8-051-62 - 8-054-62

			
1/1			
<b>8-051-62</b> 12.5 cm / 4 7/8"	<b>8-052-62</b> 12 cm / 4 6/8"	<b>8-053-62</b> 12 cm / 4 6/8"	<b>8-054-62</b> 12 cm / 4 6/8"
		 1:2	 1:2
 Ti	 Ti	 Ti	 Ti

# Haemostatic Forceps



**Halsted-Mosquito**  
8-055-18 - 8-058-21



**8-055-18**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



**8-055-21**  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"



**8-056-18**  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"



**8-056-21**  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



**8-057-18**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



**8-057-21**  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"



**8-058-18**  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"



**8-058-21**  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



**Birkett Artery**  
8-191-01  
18 cm / 7.08"

# Haemostatic Forceps



**Mikro-Mosquito**  
8-059-10 - 8-062-12



8-059-10  
10 cm / 3 7/8"



8-059-12  
12 cm / 4 6/8"



8-060-10  
10 cm / 3 7/8"



8-060-12  
12 cm / 4 6/8"



8-061-10  
10 cm / 3 7/8"



8-061-12  
12 cm / 4 6/8"



8-062-10  
10 cm / 3 7/8"



8-062-12  
12 cm / 4 7/8"



**Providence-Hospital**  
8-063-14 - 8-064-14



8-063-14  
14 cm / 5 4/8"



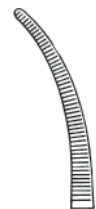
8-064-14  
13.5 cm / 5 3/8"



**Leriche**  
8-065-15 - 8-068-15



8-065-15  
15.5 cm / 6 1/8"



8-066-15  
15 cm / 5 7/8"



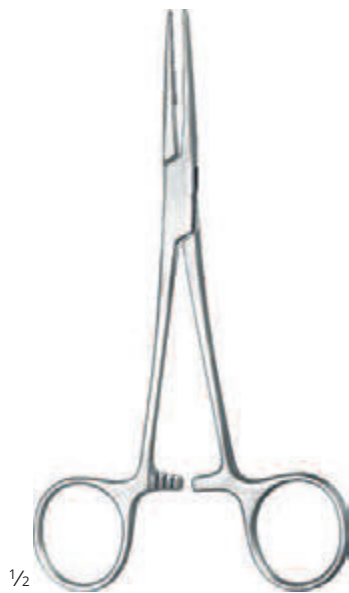
8-067-15  
15.5 cm / 6 1/8"



8-068-15  
15 cm / 5 7/8"



# Haemostatic Forceps



Kelly  
8-069-14  
8-070-64



8-069-14  
14.5 cm / 5 6/8"



8-069-64  
14.5 cm / 5 6/8"



8-070-14  
14 cm / 5 4/8"



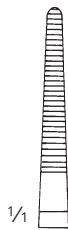
8-070-64  
14 cm / 5 4/8"



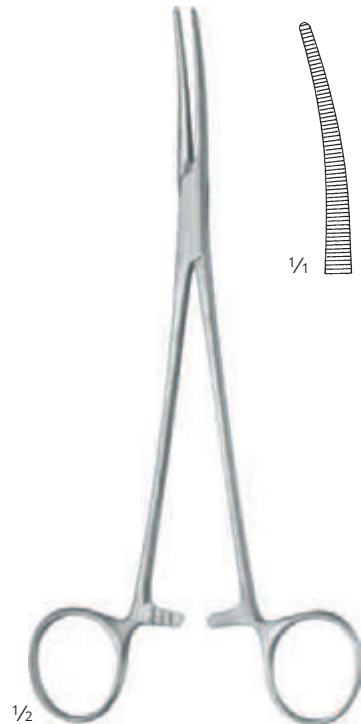
1/2



Dunhill  
8-071-12  
12.5 cm / 4 7/8"



1/1



Dunhill  
8-072-19  
18.5 cm / 7 2/8"



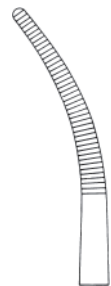
1/1



Kelly-Rankin  
8-073-16  
8-074-16  
16 cm / 6 2/8"



1/1



8-074-16

8-073-16

1/2

1/2

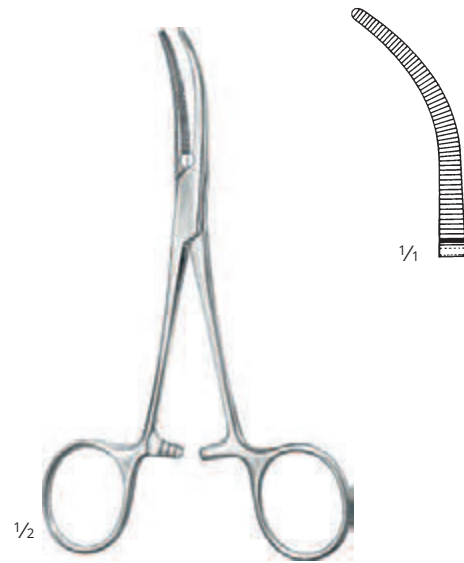
1/2



# Haemostatic Forceps, Dissecting and Ligature Forceps



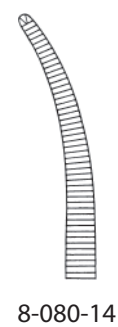
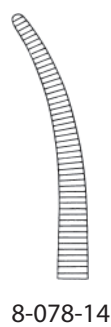
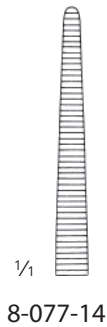
**Obwegeser**  
**8-075-19**  
 19 cm / 7 <sup>4</sup>/<sub>8</sub> "  
 Wire Catching Forceps  
 Drahtfangklemme  
 Pinza para coger alambre  
 Pince pour attrape le fil métallique  
 Pinza di cattura di filo di ferro



**Overholt-Baby**  
**8-076-14**  
 13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "



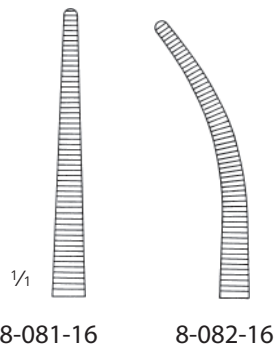
**Crile**  
**8-077-14**  
**8-080-14**  
 14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "



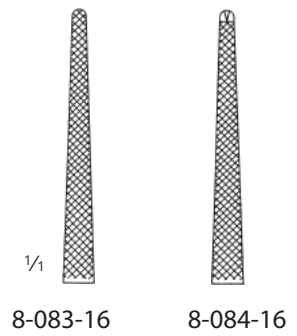
# Haemostatic Forceps



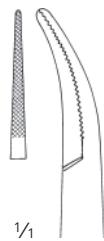
**Crile - Rankin**  
**8-081-16**  
**8-082-16**  
 16 cm / 6 <sup>2</sup>/<sub>8</sub> "



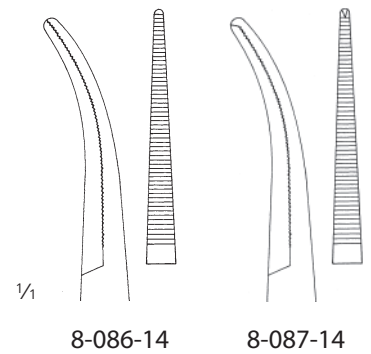
**Lovelace**  
**8-083-16**  
**8-084-16**  
 16 cm / 6 <sup>2</sup>/<sub>8</sub> "



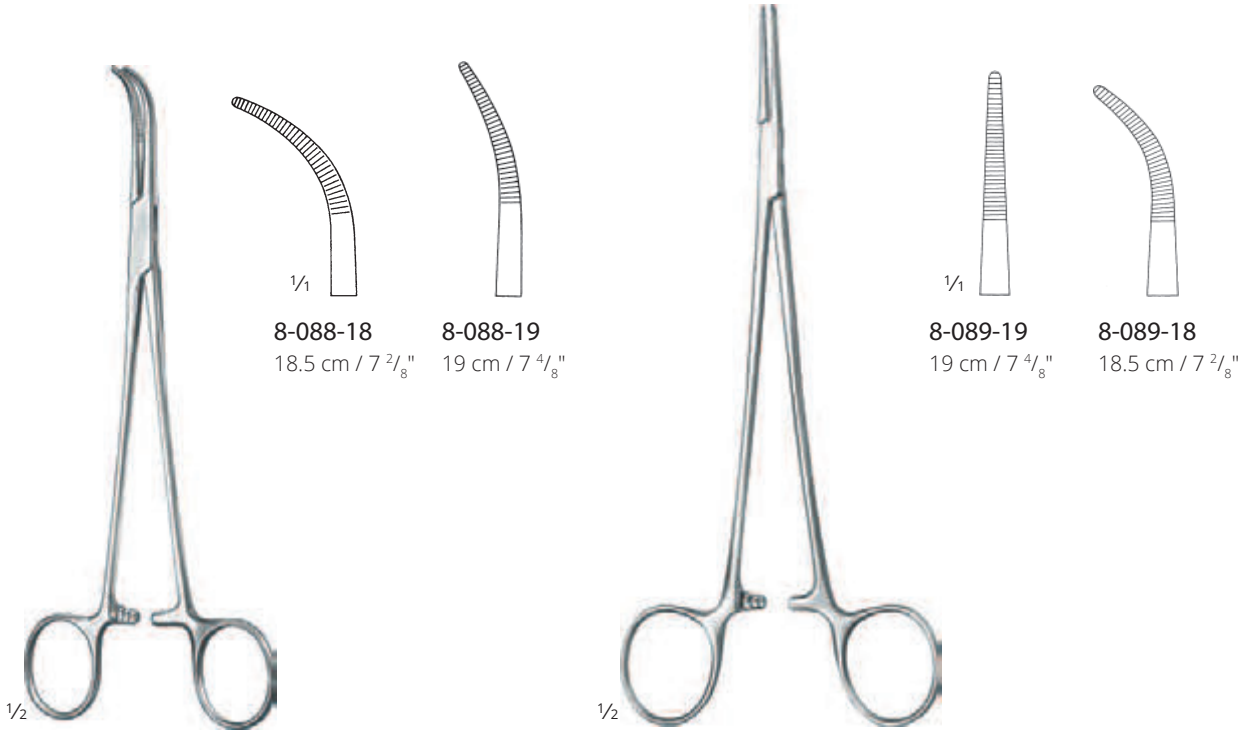
**Dandy-Mosquito**  
**8-085-12**  
 12 cm / 4 <sup>6</sup>/<sub>8</sub> "  
 laterally curved  
 seitlich gebogen  
 curva lateralmente  
 courbe lateralement  
 curva laterale



**Dandy**  
**8-086-14**  
**8-087-14**  
 14 cm / 5 <sup>6</sup>/<sub>8</sub> "  
 laterally curved  
 seitlich gebogen  
 curva lateralmente  
 courbe lateralement  
 curva laterale



# Haemostatic Forceps, Dissecting and Ligature Forceps



**8-088-18**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "

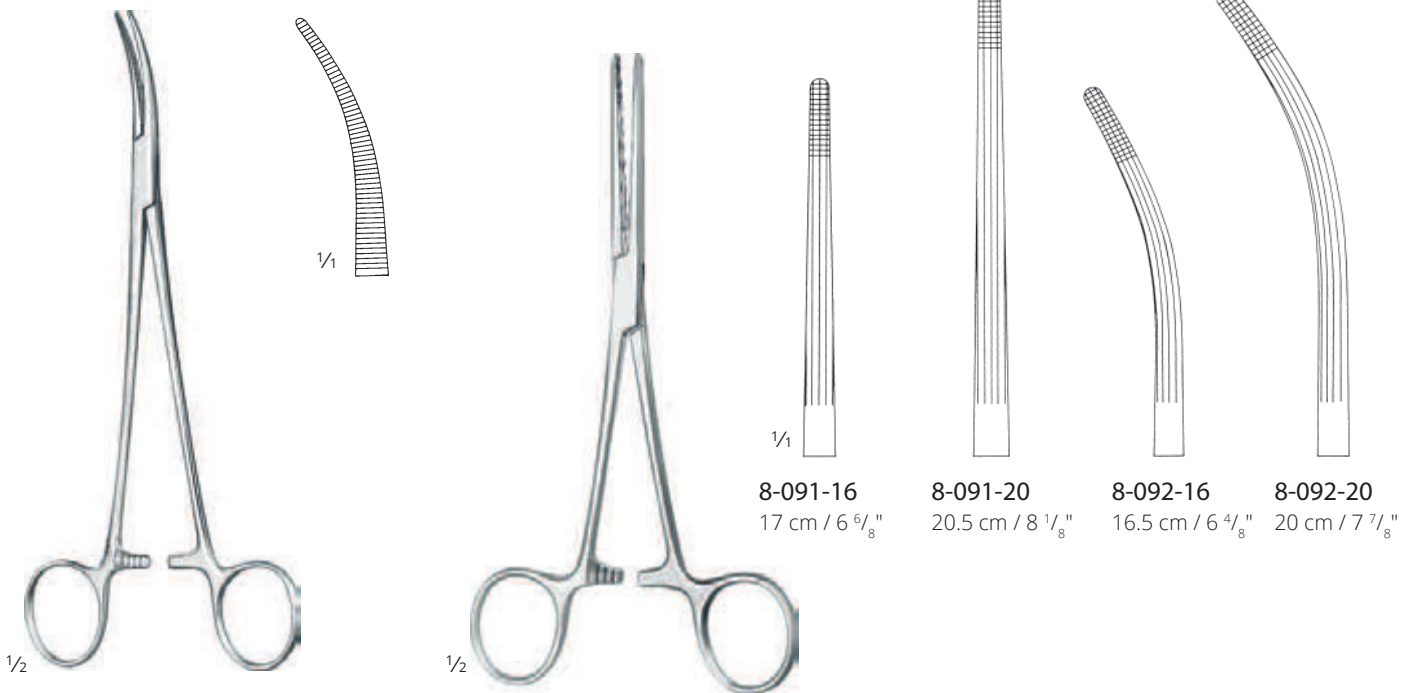
**8-088-19**  
19 cm / 7 <sup>4</sup>/<sub>8</sub> "

**8-089-19**  
19 cm / 7 <sup>4</sup>/<sub>8</sub> "

**8-089-18**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "

Schmidt  
8-088-18  
8-088-19

Adson  
8-089-19  
8-089-18



$\frac{1}{4}$

**8-091-16**  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "

**8-091-20**  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub> "

**8-092-16**  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub> "

**8-092-20**  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "

Martin-Fuchsig  
8-090-20  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub> "

Rochester-Carmalt  
8-091-16  
8-092-20

# Haemostatic Forceps



1/2

**Pean**  
8-093-13  
8-094-16

1/4					
<b>8-093-13</b> 13.5 cm / 5 3/8"	<b>8-093-14</b> 14.5 cm / 5 6/8"	<b>8-093-16</b> 17 cm / 6 6/8"	<b>8-094-13</b> 13 cm / 5 1/8"	<b>8-094-14</b> 14 cm / 5 4/8"	<b>8-094-16</b> 16.5 cm / 6 4/8"

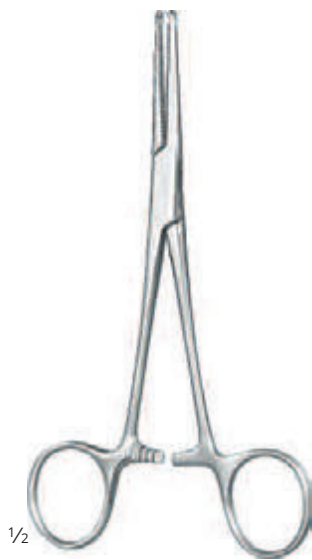


1/2

**Pean - Nippon**  
8-095-14  
8-096-18

1/4					
<b>8-095-14</b> 14.5 cm / 5 6/8"	<b>8-095-16</b> 16.5 cm / 6 4/8"	<b>8-095-18</b> 18.5 cm / 7 2/8"	<b>8-096-14</b> 14 cm / 5 4/8"	<b>8-096-16</b> 16 cm / 6 2/8"	<b>8-096-18</b> 18 cm / 7 1/8"

# Haemostatic Forceps



**Kocher-Nippon**  
8-097-14  
8-098-18

<b>8-097-14</b> 14.5 cm / 5 <sup>6</sup> / <sub>8</sub> "	<b>8-097-16</b> 16.5 cm / 6 <sup>4</sup> / <sub>8</sub> "	<b>8-097-18</b> 18.5 cm / 7 <sup>2</sup> / <sub>8</sub> "	<b>8-098-14</b> 14 cm / 5 <sup>4</sup> / <sub>8</sub> "	<b>8-098-16</b> 16 cm / 6 <sup>2</sup> / <sub>8</sub> "	<b>8-098-18</b> 18 cm / 7 <sup>1</sup> / <sub>8</sub> "
1:2	1:2	1:2	1:2	1:2	1:2



**Kocher**  
8-099-13  
8-100-16

<b>8-099-13</b> 13 cm / 5 <sup>1</sup> / <sub>8</sub> "	<b>8-099-14</b> 14 cm / 5 <sup>4</sup> / <sub>8</sub> "	<b>8-099-16</b> 16 cm / 6 <sup>2</sup> / <sub>8</sub> "	<b>8-100-13</b> 13 cm / 5 <sup>1</sup> / <sub>8</sub> "	<b>8-100-14</b> 14 cm / 5 <sup>4</sup> / <sub>8</sub> "	<b>8-100-16</b> 16 cm / 6 <sup>2</sup> / <sub>8</sub> "
1:2	1:2	1:2	1:2	1:2	1:2

# Haemostatic Forceps

				
	$\frac{1}{1}$			
	<b>8-101-21</b> 21.5 cm / 8 $\frac{4}{8}$ "	<b>8-101-26</b> 26 cm / 10 $\frac{2}{8}$ "	<b>8-102-21</b> 21.5 cm / 8 $\frac{4}{8}$ "	<b>8-102-26</b> 26 cm / 10 $\frac{2}{8}$ "
				
$\frac{1}{2}$	$\frac{1}{1}$			
<b>Bengolea</b> 8-101-21 8-104-26	<b>8-103-21</b> 21.5 cm / 8 $\frac{4}{8}$ "	<b>8-103-26</b> 26 cm / 10 $\frac{2}{8}$ "	<b>8-104-21</b> 21.5 cm / 8 $\frac{4}{8}$ "	<b>8-104-26</b> 26 cm / 10 $\frac{2}{8}$ "
	 1:2	 1:2	 1:2	 1:2

# Haemostatic Forceps

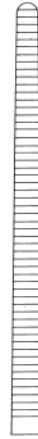
08



**8-105-14**  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"



**8-105-16**  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"



**8-105-18**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



**8-105-20**  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



1/2

**Pean (Rochester)**  
8-105-14  
8-105-30



**8-105-22**  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub>"



**8-105-24**  
24 cm / 9 <sup>4</sup>/<sub>8</sub>"



**8-105-26**  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"

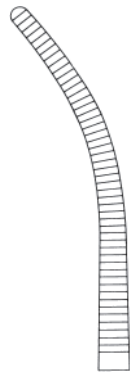


**8-105-30**  
31 cm / 12 <sup>2</sup>/<sub>8</sub>"

## Haemostatic Forceps



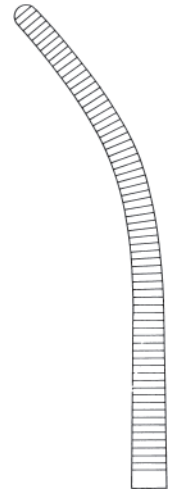
**8-106-14**  
14 cm / 5 <sup>4</sup>/<sub>8</sub> "



**8-106-16**  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub> "



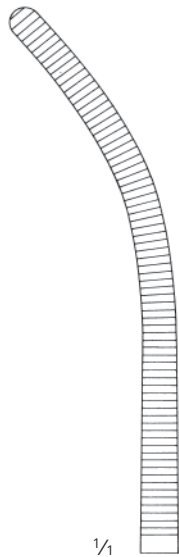
**8-106-18**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "



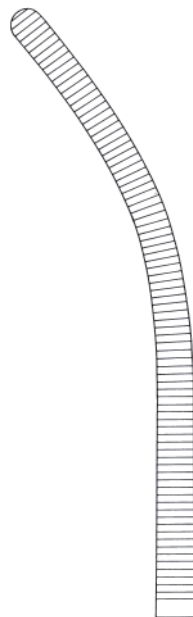
**8-106-20**  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub> "



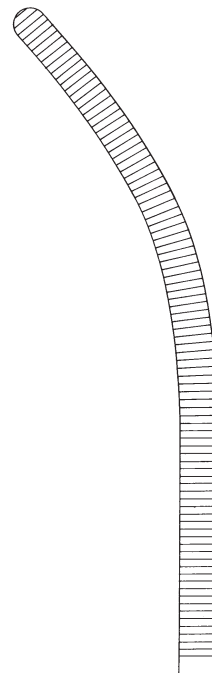
**1/2**  
**Pean (Rochester)**  
8-106-14  
8-106-30



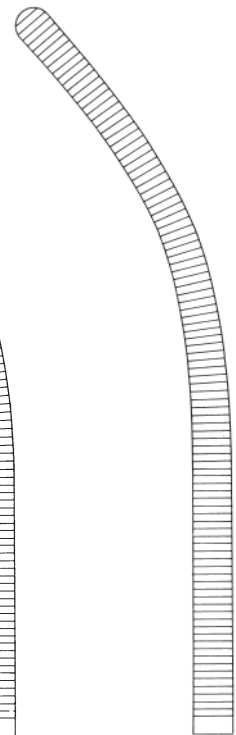
**1/1**  
**8-106-22**  
22 cm / 8 <sup>5</sup>/<sub>8</sub> "



**8-106-24**  
24 cm / 9 <sup>4</sup>/<sub>8</sub> "



**8-106-26**  
26 cm / 10 <sup>2</sup>/<sub>8</sub> "

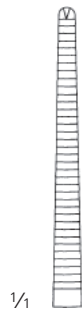


**8-106-30**  
30.5 cm / 12"



# Haemostatic Forceps

08



**8-107-14**  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"



**8-107-16**  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"



**8-107-18**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



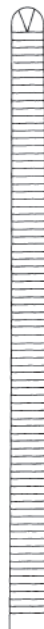
**8-107-20**  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



<sup>1</sup>/<sub>2</sub>  
**Kocher (Ochsner)**  
8-107-14  
8-107-31



**8-107-22**  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub>"



**8-107-24**  
24 cm / 9 <sup>4</sup>/<sub>8</sub>"



**8-107-26**  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"



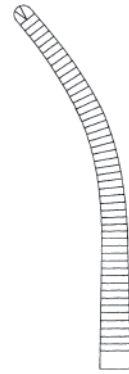
**8-107-31**  
31 cm / 12 <sup>2</sup>/<sub>8</sub>"



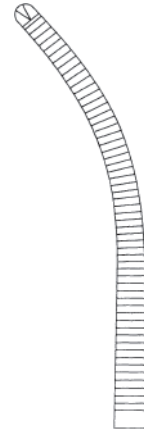
# Haemostatic Forceps



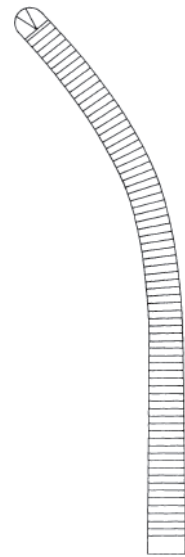
**8-108-14**  
14 cm / 5 4/8"



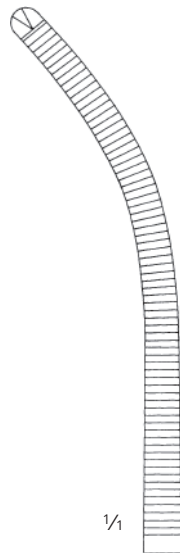
**8-108-16**  
16.5 cm / 6 4/8"



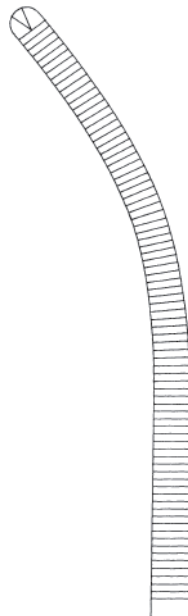
**8-108-18**  
18.5 cm / 7 3/8"



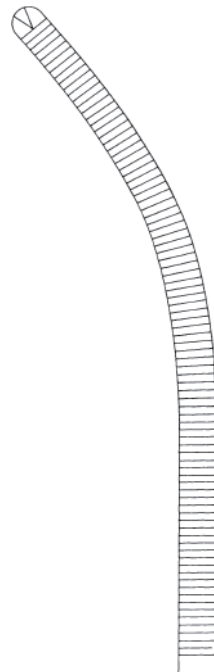
**8-108-20**  
20 cm / 7 7/8"



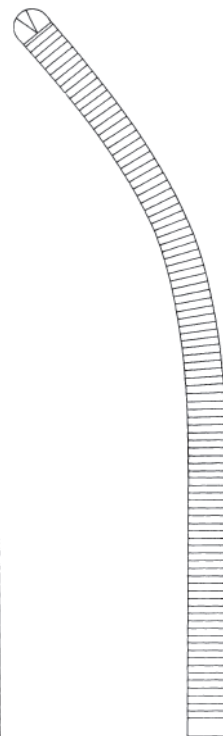
**8-108-22**  
22.5 cm / 8 7/8"



**8-108-24**  
24 cm / 9 4/8"



**8-108-26**  
26 cm / 10 2/8"

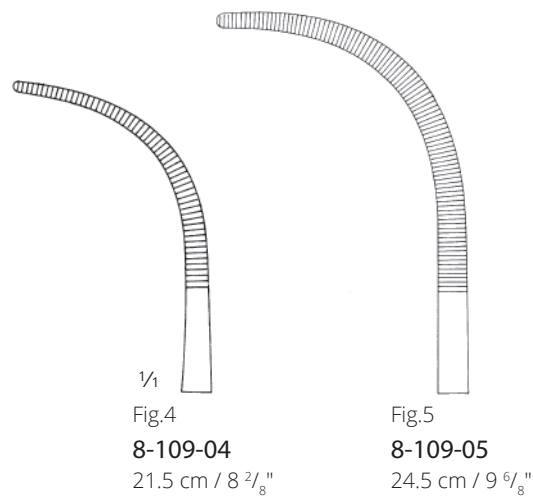
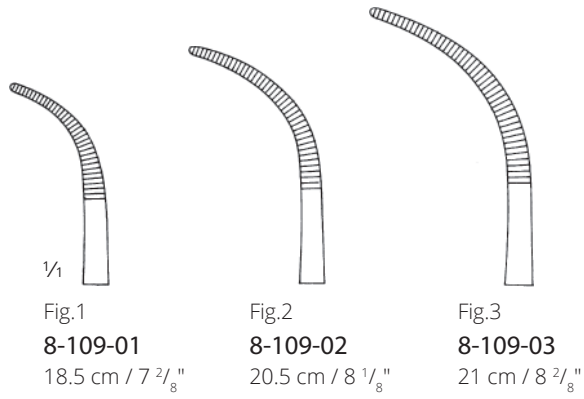


**8-108-31**  
30.5 cm / 12"



1/2  
**Kocher (Ochsner)**  
8-108-14  
8-108-31

# Dissecting and Ligature Forceps



Overholt-Martin  
8-109-01  
8-109-05



## Dissecting and Ligature Forceps



Mixer-Baby  
8-110-18  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "



Adson-Baby  
8-111-14  
8-111-18

8-111-14  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "

8-111-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub> "

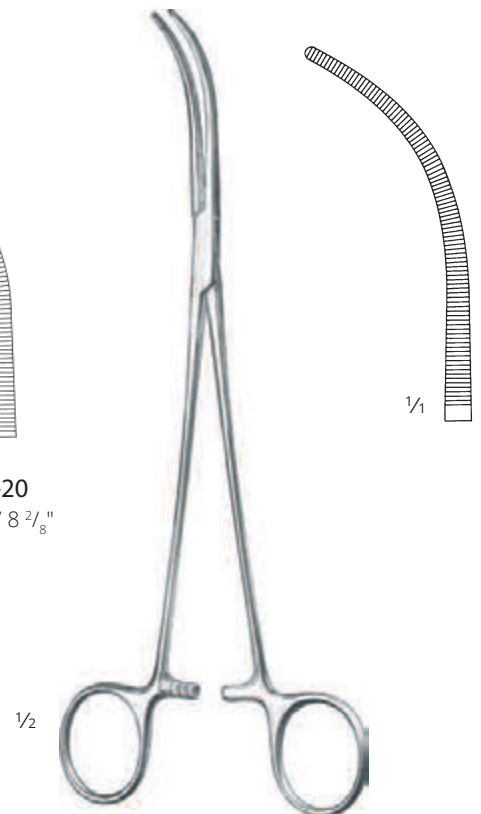


Heiss  
8-112-21  
8-114-20

8-112-21  
21 cm / 8 <sup>2</sup>/<sub>8</sub> "

8-113-20  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub> "

8-114-20  
21 cm / 8 <sup>2</sup>/<sub>8</sub> "



Overholt-Mixer  
8-115-21  
22 cm / 8 <sup>5</sup>/<sub>8</sub> "

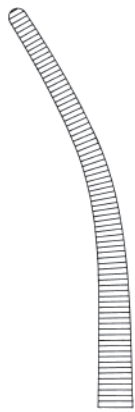
# Dissecting and Ligature Forceps



Roberts  
8-116-22  
8-117-22



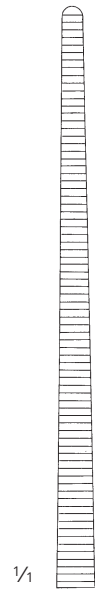
8-116-22  
22.5 cm / 8 7/8"



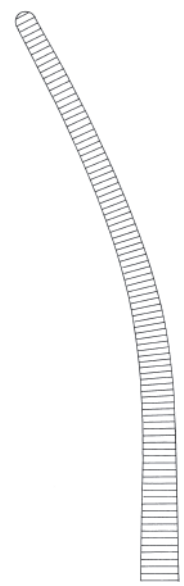
8-117-22  
22 cm / 8 5/8"



Sarot  
8-118-25  
8-118-24



8-118-25  
25 cm / 9 7/8"



8-118-24  
24.5 cm / 9 5/8"

## Dissecting and Ligature Forceps



# Dissecting and Ligature Forceps

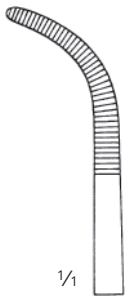


Fig.1  
8-121-01  
20.5 cm / 8 1/8"

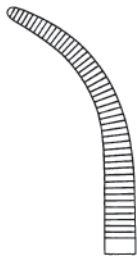


Fig.2  
8-121-02  
20 cm / 7 7/8"

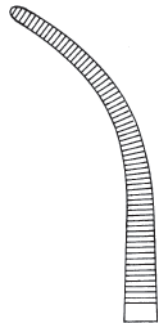


Fig.3  
8-121-03  
21.5 cm / 8 4/8"

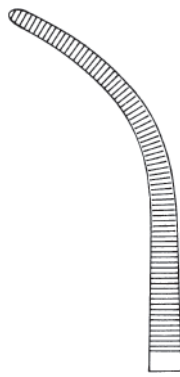


Fig.4  
8-121-04  
22 cm / 8 5/8"

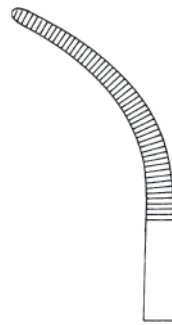


Fig.5  
8-121-05  
21.5 cm / 8 4/8"

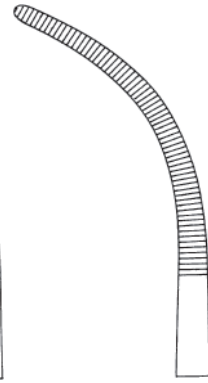


Fig.6  
8-121-06  
22 cm / 8 5/8"

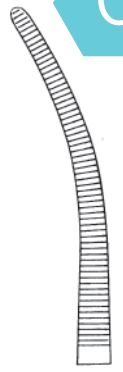


Fig.7  
8-121-07  
22 cm / 8 5/8"



1/2  
Overholt-Geissendörfer  
8-121-01 - 8-122-07

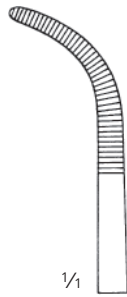


Fig.1  
8-122-01  
27 cm / 10 5/8"



Fig.2  
8-122-02  
26.5 cm / 10 3/8"



Fig.3  
8-122-03  
27.5 cm / 10 7/8"

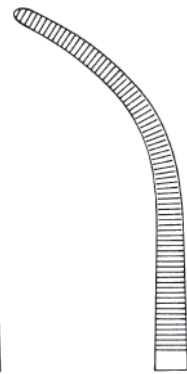


Fig.4  
8-122-04  
28 cm / 11"

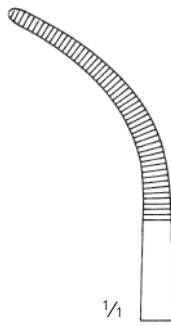


Fig.5  
8-122-05  
27.5 cm / 10 7/8"

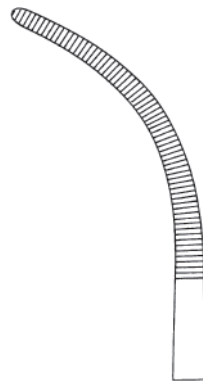


Fig.6  
8-122-06  
28 cm / 11"



Fig.7  
8-122-07  
27.5 cm / 10 7/8"

# Dissecting and Ligature Forceps

finoLine



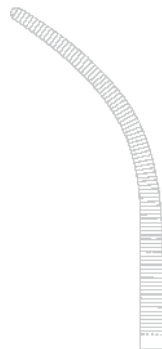
Overholt-Fino  
8-123-00  
8-123-06



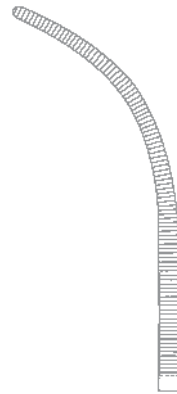
8-123-00  
21.5 cm / 8 <sup>4</sup>/<sub>8</sub> "



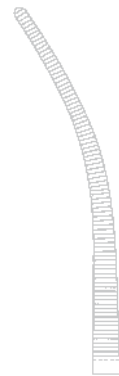
8-123-01  
22 cm / 8 <sup>5</sup>/<sub>8</sub> "



8-123-02  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub> "



8-123-03  
23 cm / 9 "



8-123-06  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub> "



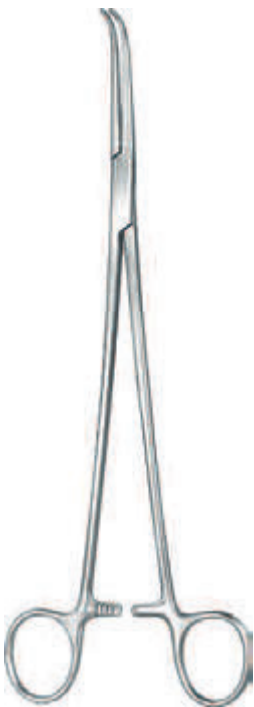
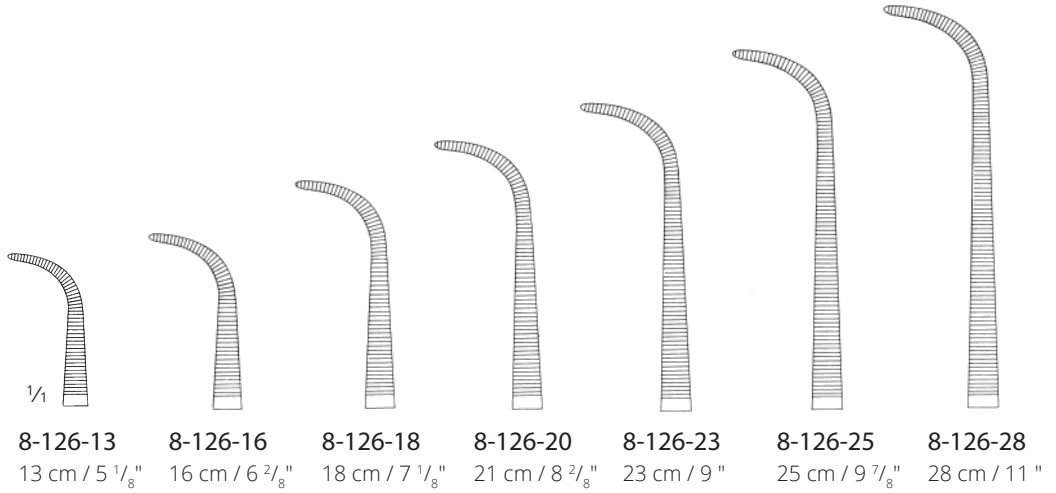
# Dissecting and Ligature Forceps



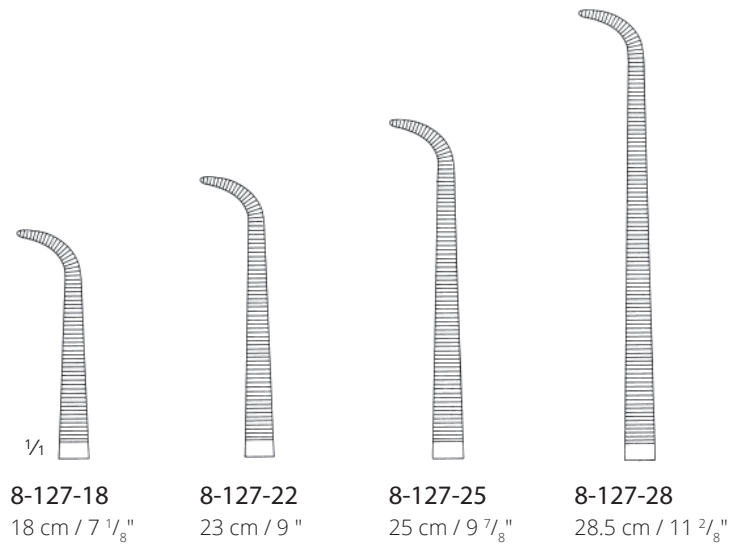
## Dissecting and Ligature Forceps



**Gemini**  
8-126-13  
8-126-28



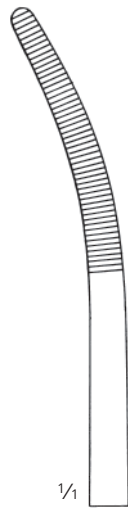
**Mini-Gemini**  
8-127-13  
8-127-28



# Dissecting and Ligature Forceps



Rumel  
8-128-01  
8-128-05



1/1

Fig.1  
8-128-01  
24 cm / 9 4/8"

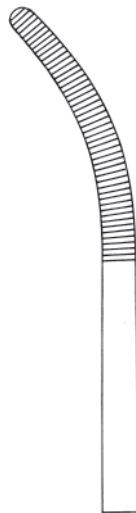


Fig.2  
8-128-02  
24 cm / 9 4/8"



Fig.3  
8-128-03  
23.5 cm / 9 2/8"

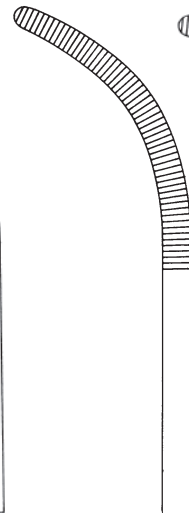


Fig.4  
8-128-04  
24 cm / 9 4/8"

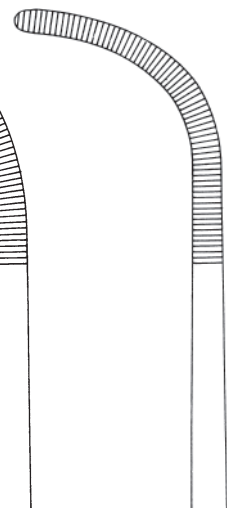
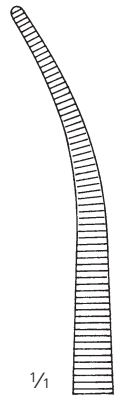


Fig.5  
8-128-05  
24 cm / 9 4/8"

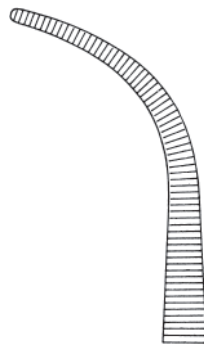
## Dissecting and Ligature Forceps



Zenkerl  
8-129-01  
8-129-02



8-129-01  
29.5 cm / 11 5/8"



8-129-02  
28.5 cm / 11 2/8"

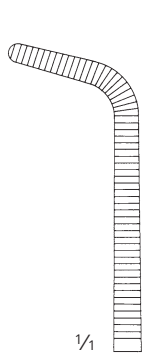


Mixer-Baby  
8-130-13  
13 cm / 5 1/8"

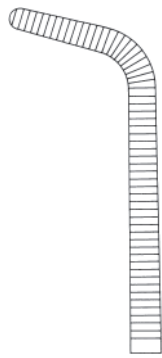
# Dissecting and Ligature Forceps



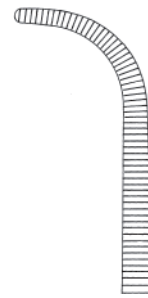
Mixer  
8-131-15  
8-131-19



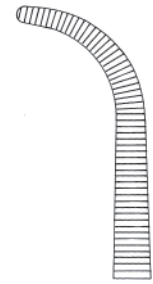
8-131-15  
16 cm / 6 2/8"



8-131-19  
17.5 cm / 6 7/8"



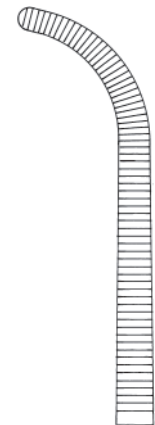
8-132-15  
15 cm / 5 7/8"



8-132-18  
18 cm / 7 1/8"



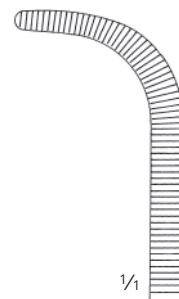
8-132-19  
18.5 cm / 7 2/8"



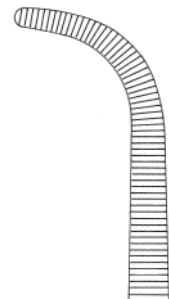
8-132-20  
20 cm / 7 7/8"



O'Shaugnessy  
8-132-15  
8-132-26



8-132-23  
23 cm / 9"



8-132-26  
26 cm / 10 2/8"

## Dissecting and Ligature Forceps



**Mixer**  
8-133-22  
22.5 cm / 8  $\frac{7}{8}$  "



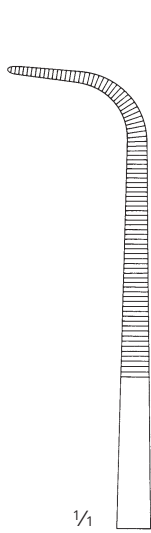
**Mixer**  
8-134-23  
23 cm / 9 "

## Dissecting and Ligature Forceps

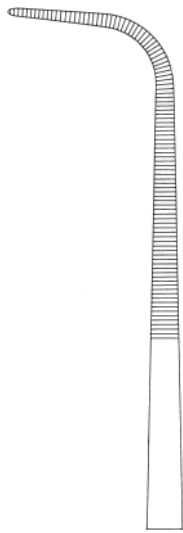
08



Wikstroem  
8-135-21  
8-135-24



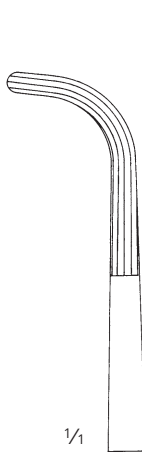
1/1  
8-135-21  
21 cm / 8 2/8"



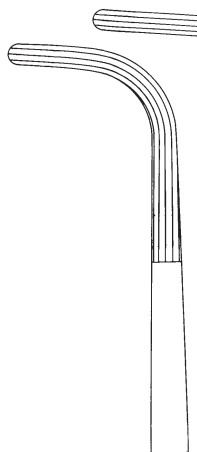
8-135-24  
24.5 cm / 9 5/8"



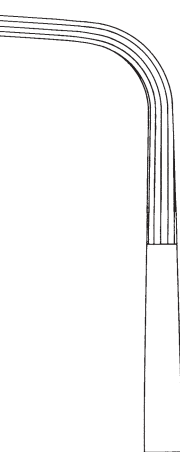
Mixer  
8-136-22  
8-136-28



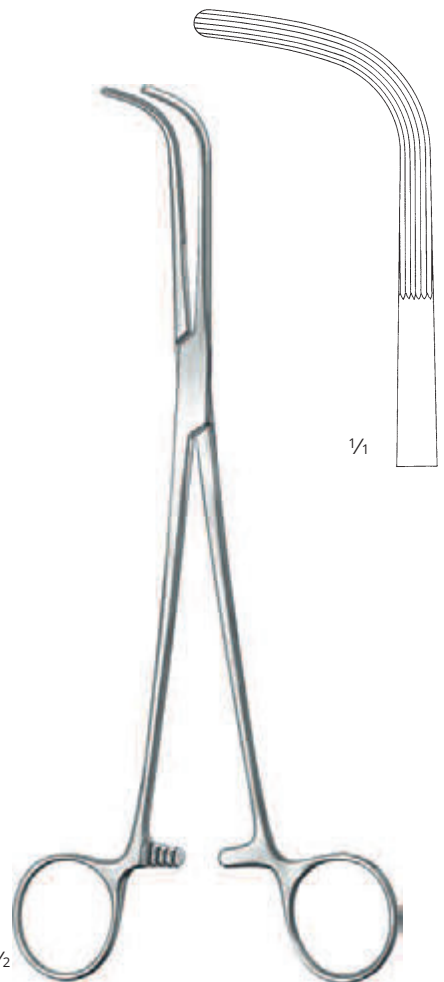
1/1  
8-136-22  
22.5 cm / 8 6/8"



8-136-26  
26 cm / 10 2/8"



8-136-28  
28 cm / 11"

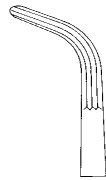


McQuigg-Mixer  
8-137-23  
23.5 cm / 9 2/8"

1/1

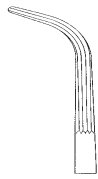
1/2

## Bile Duct Clamps, Dissecting and Ligature Forceps

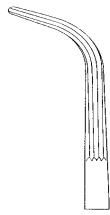


**8-138-18**  
18.5 cm / 7 1/4"

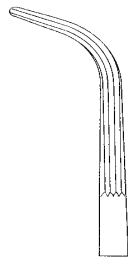
**Lower**  
8-138-18



**8-139-14**  
14 cm / 5.51"



**8-139-17**  
17 cm / 6.69"



**8-139-19**  
19.5 cm / 7 5/8"



**8-139-22**  
22.5 cm / 8 7/8"

**Lahey**  
8-139-14  
8-139-22



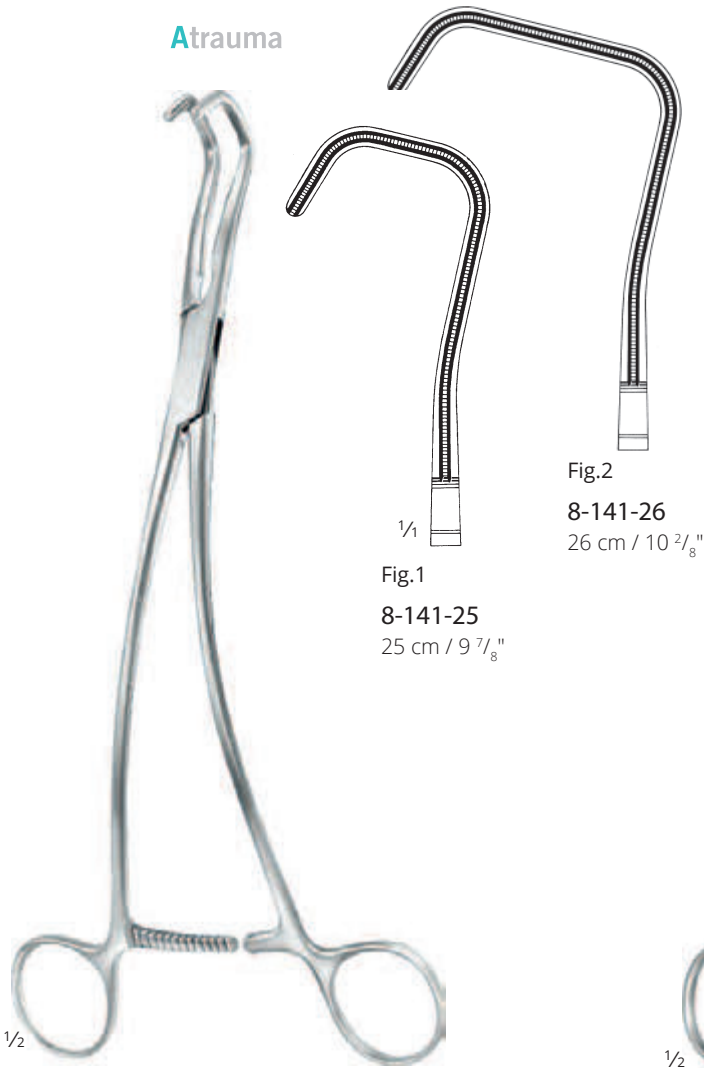
**8-140-24**  
24.5 cm / 9 5/8"

**Finochietto**  
8-140-24



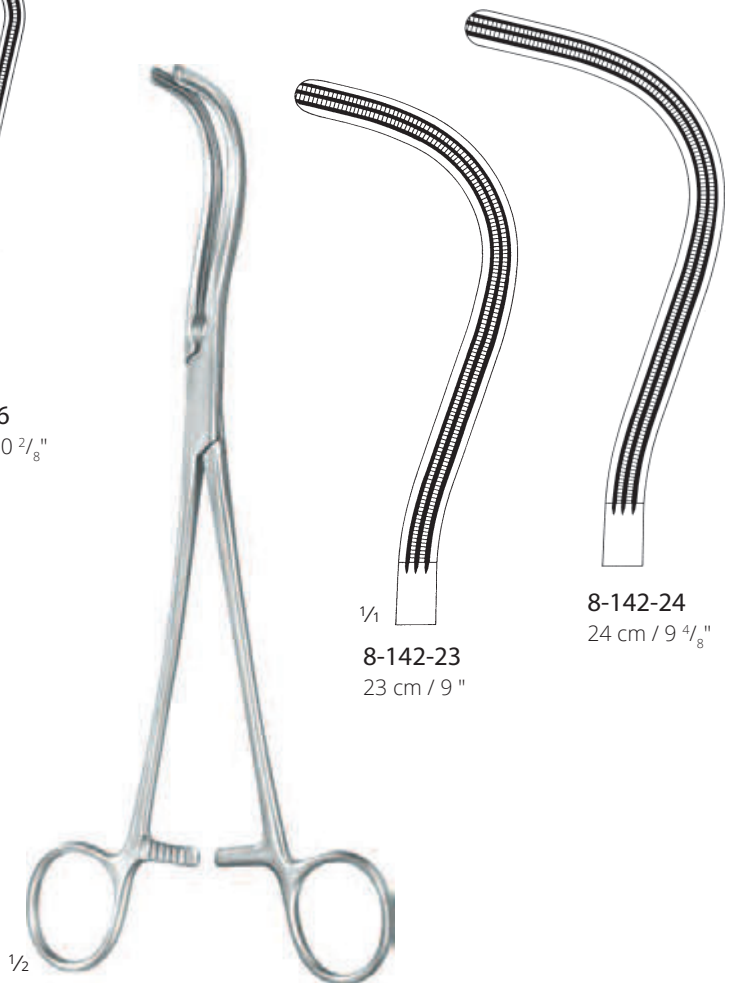
# Tangential Forceps, Kidney Pedicle Clamps

Atrauma



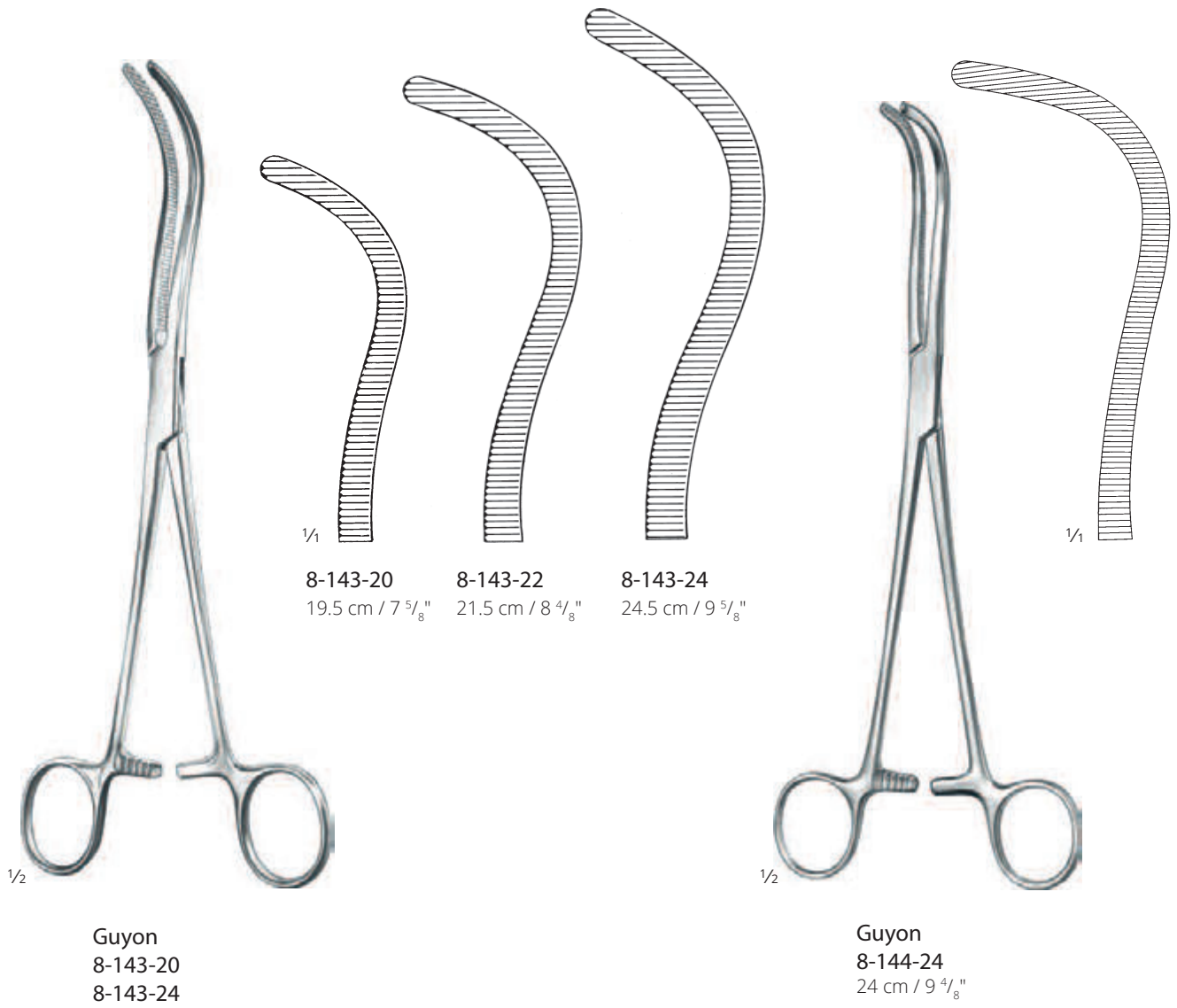
Uro-Tangential  
8-141-25  
8-141-26

Atrauma



Guyon  
8-142-23  
8-142-24

## Kidney Pedicle Clamps



## Bile Duct Clamps

08



Desjardins  
8-145-21  
21 cm / 8  $\frac{2}{8}$ "

# Dissecting and Ligature Forceps



Kelly  
8-146-19  
8-148-24



Fig.1  
8-146-19  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"



Fig.1  
8-146-22  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub>"



Fig.1  
8-146-24  
23 cm / 9"

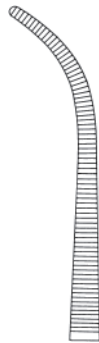


Fig.2  
8-147-19  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"



Fig.2  
8-147-22  
22 cm / 8 <sup>5</sup>/<sub>8</sub>"



Fig.2  
8-147-24  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub>"

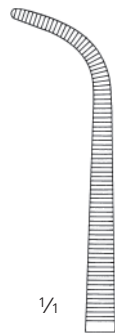


Fig.3  
8-148-19  
18.5 cm / 7 <sup>4</sup>/<sub>8</sub>"



Fig.3  
8-148-22  
21.5 cm / 8 <sup>4</sup>/<sub>8</sub>"

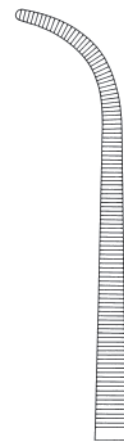


Fig.3  
8-148-24  
23 cm / 9"

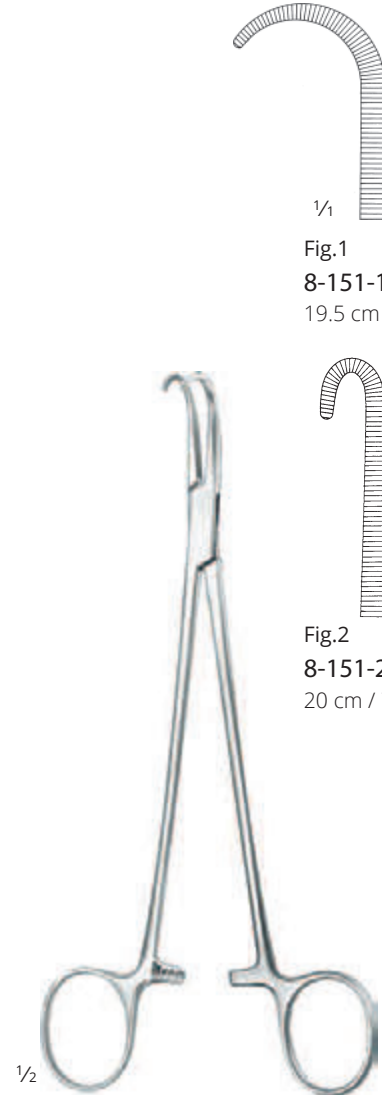
# Dissecting and Ligature Forceps, Haemostatic Forceps



Lawrence  
8-149-28  
28 cm / 11"



Meeker  
8-150-28  
28 cm / 11"



Negus  
8-151-19  
8-151-20

Fig.1  
8-151-19  
19.5 cm / 7 5/8"

Fig.2  
8-151-20  
20 cm / 7 7/8"

# Hysterectomy Forceps

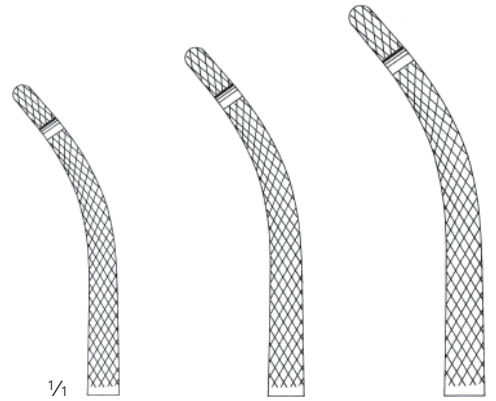
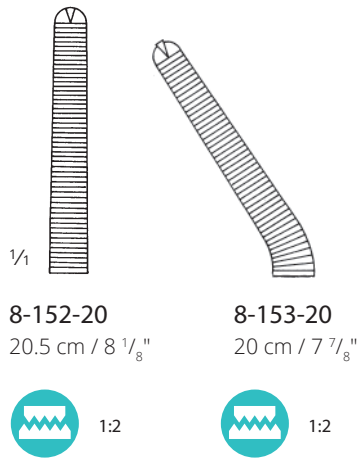


Fig.1  
**8-154-20**  
 19.5 cm / 7 <sup>5</sup>/<sub>8</sub>"

Fig.1  
**8-154-21**  
 21.5 cm / 8 <sup>4</sup>/<sub>8</sub>"

Fig.1  
**8-154-24**  
 24 cm / 9 <sup>4</sup>/<sub>8</sub>"



**8-152-20**  
 20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"

**8-153-20**  
 20 cm / 7 <sup>7</sup>/<sub>8</sub>"

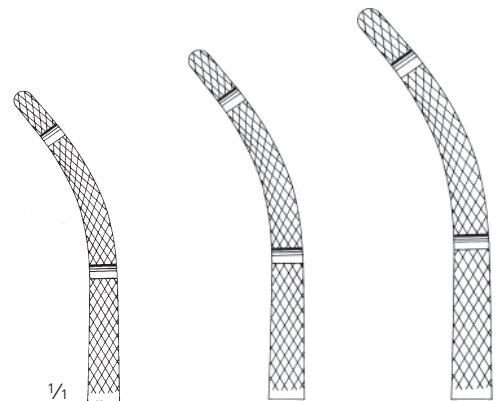


Fig.2  
**8-155-20**  
 19.5 cm / 7 <sup>5</sup>/<sub>8</sub>"

Fig.2  
**8-155-21**  
 21.5 cm / 8 <sup>4</sup>/<sub>8</sub>"

Fig.2  
**8-155-24**  
 24 cm / 9 <sup>4</sup>/<sub>8</sub>"

**Phaneuf**  
 8-152-20  
 8-153-20

**Heaney**  
 8-154-19  
 8-155-24

## Vaginal Clamp

08



Wertheim-Cullen  
8-156-21  
21 cm / 8  $\frac{7}{8}$ "

# Hysterectomy Forceps



Rogers  
8-157-10  
8-158-30



Fig.1  
8-157-10  
21.5 cm / 8 <sup>4</sup>/<sub>8</sub>"



Fig.2  
8-157-20  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"



Fig.3  
8-157-30  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"



Fig.4  
8-157-40  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



Fig.1  
8-158-10  
25.5 cm / 10 "



Fig.2  
8-158-20  
25 cm / 9 <sup>7</sup>/<sub>8</sub>"



Fig.3  
8-158-30  
24.5 cm / 9 <sup>4</sup>/<sub>8</sub>"



Fig.1  
8-157-10M  
21.5 cm / 8 <sup>4</sup>/<sub>8</sub>"



Fig.2  
8-157-20M  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"



Fig.3  
8-157-30M  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"

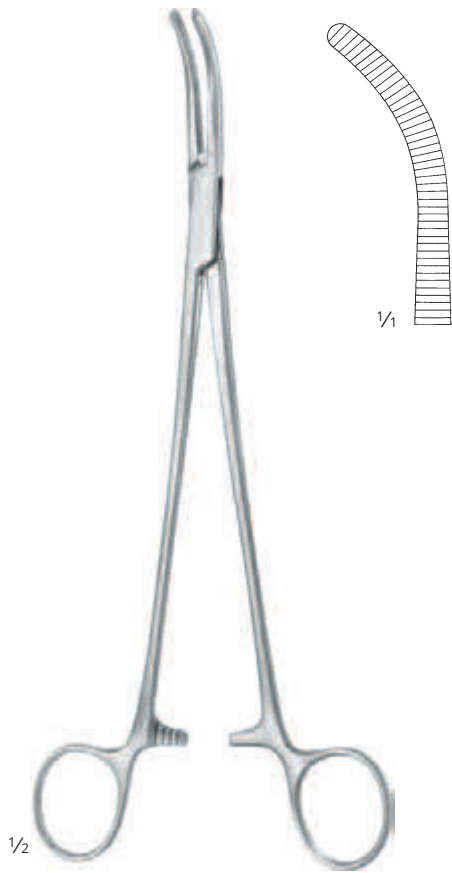


Fig.4  
8-157-40M  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



## Bile Duct Clamps

08

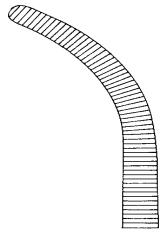


**Moynihan**  
**8-159-23**  
23 cm / 9"



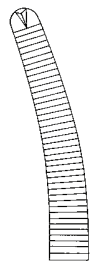
**Moynihan**  
**8-160-24**  
23.5 cm / 9  $\frac{2}{8}$ "

# Hysterectomy Forceps



**8-161-25**  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"

Wertheim  
8-161-25



**8-162-22**  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub>"



**8-163-22**  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub>"



1:2

slightly curved  
leicht gebogen  
curva ligera  
courbe légère  
curva leggera



1:2

stronger curved  
stärker gebogen  
curva fuerte  
courbe forte  
curva forte

Wertheim  
8-162-22  
8-163-22



**8-192-21**  
21 cm / 8.26"

Maingot  
8-192-21

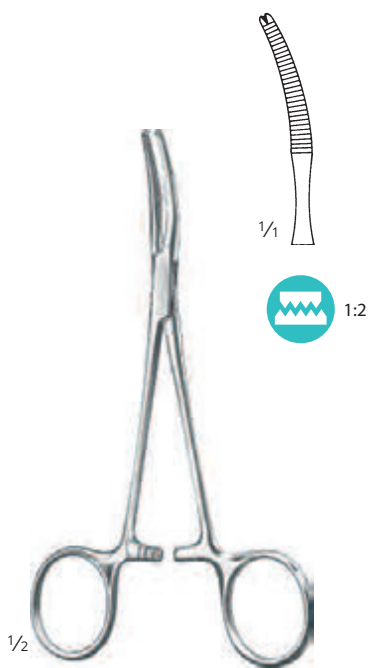


**8-192-25**  
21 cm / 8.26"

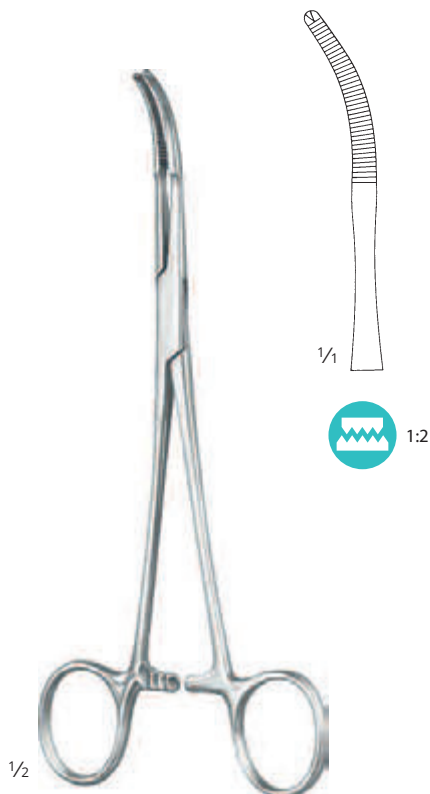
Maingot  
8-192-25

# Peritoneum Forceps

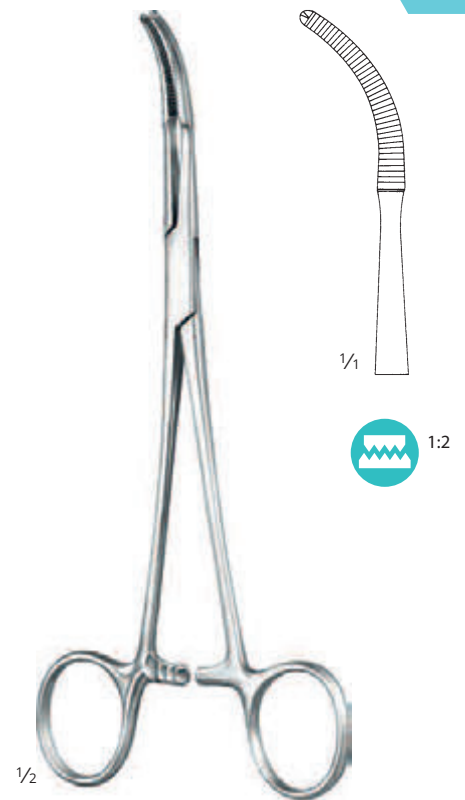
08



**Mikulicz-Baby**  
8-164-14  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"

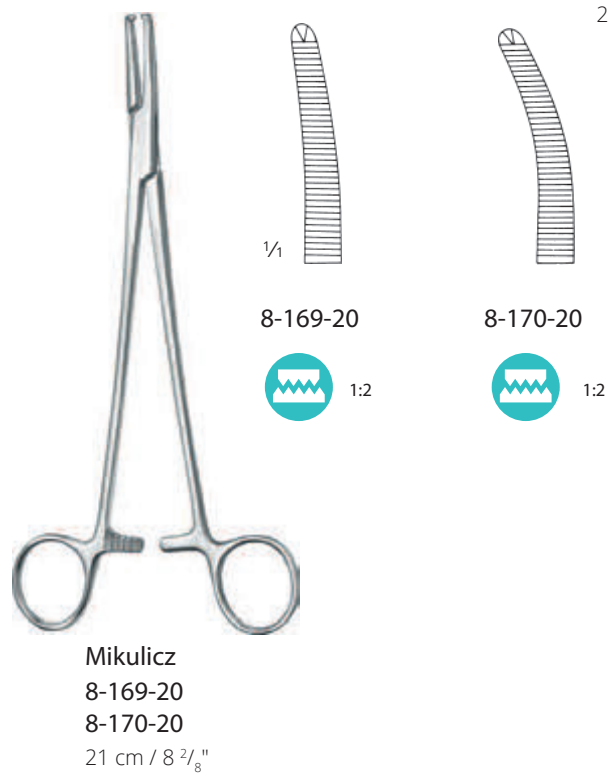


**Mikulicz**  
8-165-18  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



**Mikulicz**  
8-166-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"

# Peritoneum Forceps



## Towel Clamps

08



1/2

**Schädel**  
**8-171-09**  
 9 cm / 3 4/8"   
 sharp  
 scharf  
 agudo  
 pointu  
 acuto



1/2

**Jones**  
**8-172-05**  
**8-172-09**  
 sharp  
 scharf  
 agudo  
 pointu  
 acuto

**8-172-05**  
 5.5 cm / 2 1/8"

**8-172-09**  
 8.5 cm / 3 3/8"



1/2

**Jones-Martin**  
**8-173-09**  
 8.5 cm / 3 3/8"   
 sharp  
 scharf  
 agudo  
 pointu  
 acuto

with tube holder  
 mit Schlauchhalter  
 con porta-tubo  
 avec clamp porte-tube  
 con porta-tubo



1/2

**Backhaus**  
**8-174-11**  
**8-174-13**  
 delicate model, sharp  
 graziles Modell, scharf  
 modelo delicado, aguda  
 modèle gracile, aiguë  
 modello delicato, acuto

**8-174-11**  
 11 cm / 4 3/8"

**8-174-13**  
 13 cm / 5 1/8"



1/2

**Backhaus**  
**8-175-11**  
 11 cm / 4 3/8"

## Towel Clamps



**Backhaus**  
**8-176-08**  
**8-176-15**  
 sharp  
 scharf  
 agudo  
 pointu  
 acuto



**8-176-08**  
 9 cm / 3 <sup>4</sup>/<sub>8</sub>"

**8-176-11**  
 11 cm / 4 <sup>3</sup>/<sub>8</sub>"

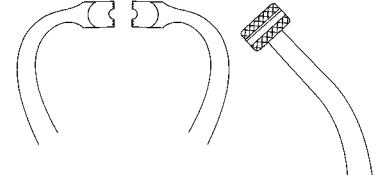
**8-176-13**  
 13 cm / 5 <sup>1</sup>/<sub>8</sub>"

**8-176-15**  
 16 cm / 6 <sup>2</sup>/<sub>8</sub>"



**Peers-Bertram modif.**  
**8-177-15**

14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"  
 wide jaw for tube fixation  
 weites Maul zur Schlauchfixierung  
 boca ancha para fijación de tubos  
 mors large pour fixation de tube  
 morso spalancato per fissare il tubo



**Roeder**  
**8-178-13**  
 13.5 cm / 5 <sup>3</sup>/<sub>8</sub>"



**Lane**  
**8-184-15**  
 15 cm / 5.9"

# Towel Clamps



1/2

**Lorna**

**8-179-10**

**8-179-13**

fine serrated, wide jaw  
 fein gezahnt, breites Maul  
 delicadamente dentada, boca ancha  
 avec dents fins, mors large  
 con denti fini, morso largo



1/1

**8-179-10**

10 cm / 3 7/8"

**8-179-13**

13 cm / 5 1/8"



1/2

**Bernhard**

**8-180-16**

16.5 cm / 6 4/8"

sharp  
 scharf  
 agudo  
 pointu  
 acuto



1/2

**Tohoku**

**8-181-10**

**8-181-13**

blunt  
 stumpf  
 romo  
 mousse  
 smusso



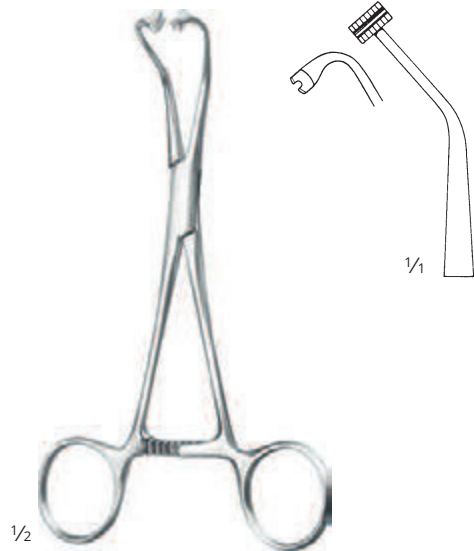
1/1

**8-181-10**

10.5 cm / 4 1/8"

**8-181-13**

13.5 cm / 5 1/8"



1/2

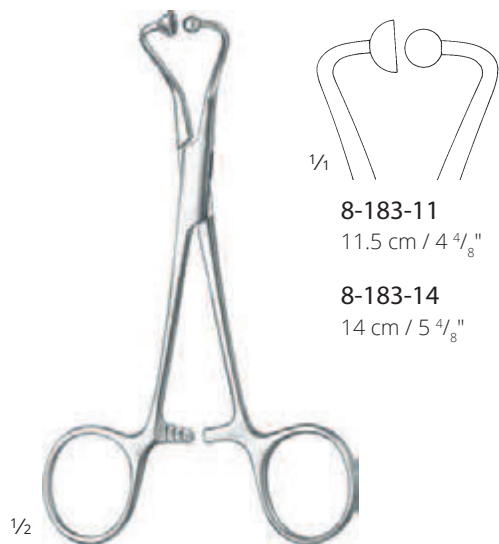
**Peers-Bertram**

**8-182-14**

14.5 cm / 5 6/8"

1/1

## Towel Clamps



**8-183-11**  
11.5 cm / 4 <sup>4</sup>/<sub>8</sub> "

**8-183-14**  
14 cm / 5 <sup>4</sup>/<sub>8</sub> "

**8-183-11**  
**8-183-14**

for paper clothes  
für Papierabdeckung  
para paños de papel  
pour couverture en papier  
per copertura di carta

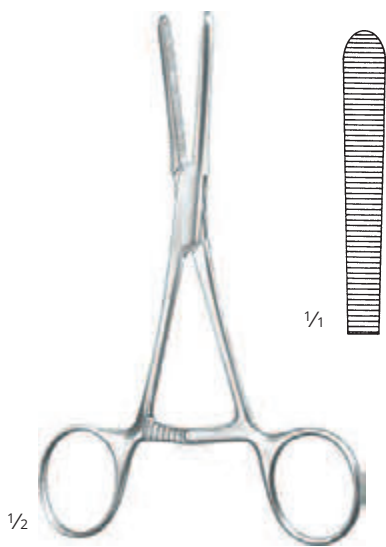


**Lane**  
**8-184-20**  
19.5 cm / 7 <sup>5</sup>/<sub>8</sub> "



## Tubing Clamps

08

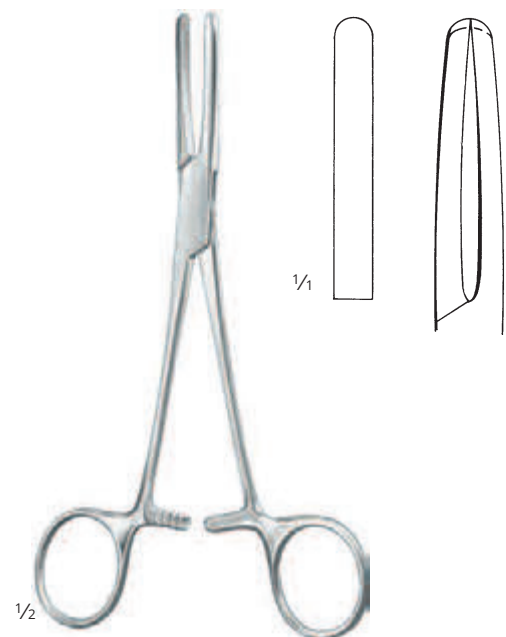


1/2

### 8-185-14

14 cm / 5 <sup>4</sup>/<sub>8</sub>"

extra long ratchet  
extra lange Sperre  
cremallera extra larga  
cremaillère extrêmement logue  
cremagliera stralunga



1/2

### 8-186-16

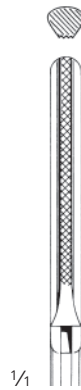
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"

smooth jaw  
glattes Maul  
boca lisa  
mors lisse  
morso liscio

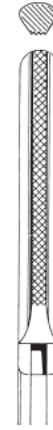
# Tubing Clamps



8-187-15 - 8-187-20



8-187-15  
15.5 cm / 6 1/8"



8-187-18  
19 cm / 7 4/8"

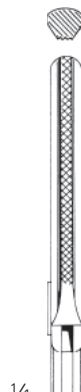


8-187-20  
20.5 cm / 8 1/8"

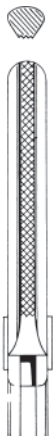


8-188-15 - 8-188-20

with safety guard  
mit Schutzbügel  
con stribo de protección  
avec protection  
con protezione



8-188-15  
15.5 cm / 6 1/8"



8-188-18  
19 cm / 7 4/8"



8-188-20  
20.5 cm / 8 1/8"

## Tube milking rollers

08



**Brompton**  
8-189-16  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"



**Gunnar-Hey**  
8-190-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"



10

# Cotton Swap Forceps

# Dressing Forceps

10



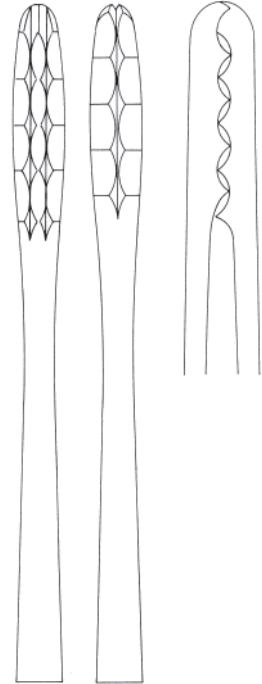
1/2

**Ulrich**  
**10-001-22**  
**10-002-27**



1/1

**10-001-22**  
 22.5 cm / 8 7/8"

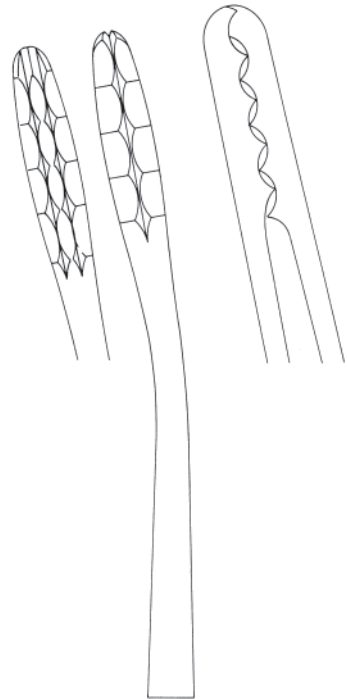


**10-001-27**  
 27 cm / 10 5/8"



1/1

**10-002-22**  
 22.5 cm / 8 7/8"



**10-002-27**  
 26.5 cm / 10 7/8"

## Sinus Forceps, Dressing Forceps



1/2

**Lister**  
**10-003-13**  
**10-003-18**



1/4

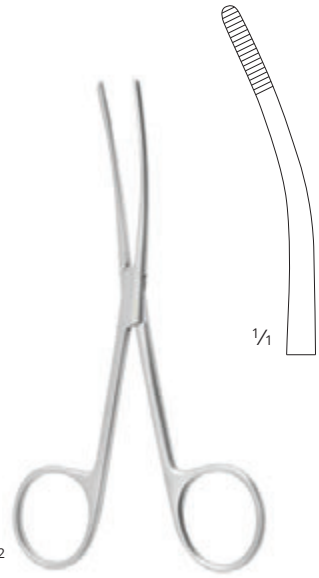
**10-003-13**  
 13 cm / 5 1/8"



**10-003-16**  
 16 cm / 6 2/8"



**10-003-18**  
 18.5 cm / 7 2/8"



1/2

**Bryant**  
**10-004-13**  
 13 cm / 5 1/8"

1/4



1/2

**Martin**  
**10-005-17**  
 17.5 cm / 6 7/8"



1/4

# Dressing Forceps



**Gross-Maier**  
10-006-20  
10-007-27

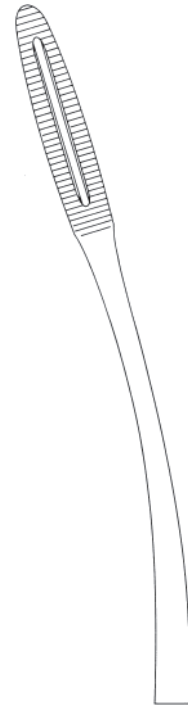
1/1



**10-006-20**  
20.5 cm / 8 1/8"

**10-006-22**  
22.5 cm / 8 7/8"

**10-006-27**  
26.5 cm / 10 3/8"



**10-007-20**  
20.5 cm / 8 1/8"

**10-007-22**  
22.5 cm / 8 7/8"

**10-007-27**  
26.5 cm / 10 3/8"

## Dressing Forceps



**10-008-40**

39.5 cm / 15  $\frac{4}{8}$  "

Tunneling Forceps

Tunnelier-Kornzange

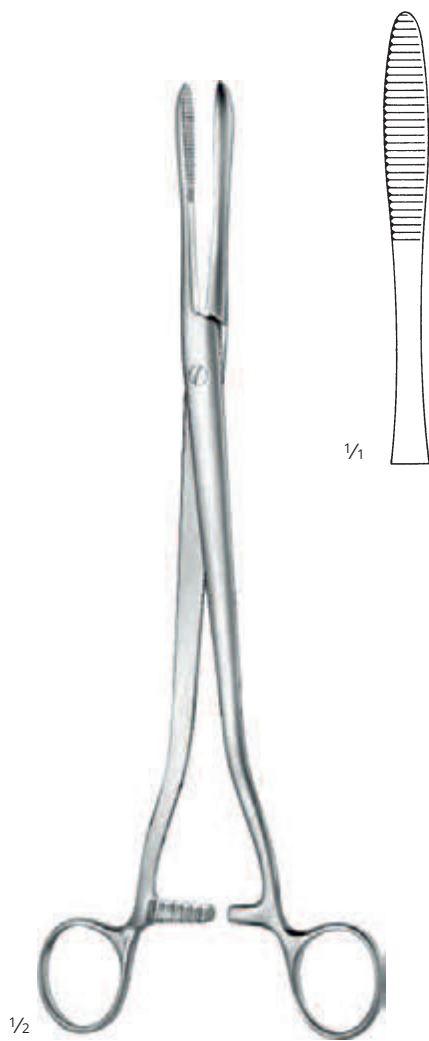
Pinza para tunelar

Pince pour tunnelisation

Pinza per tunnelare



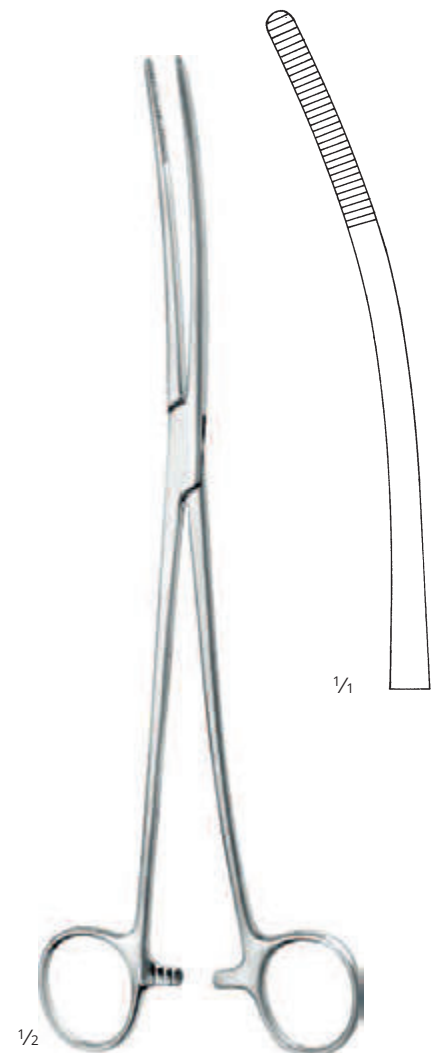
# Dressing Forceps



**Collin**  
**10-009-25**  
 25 cm / 9 <sup>7</sup>/<sub>8</sub>''

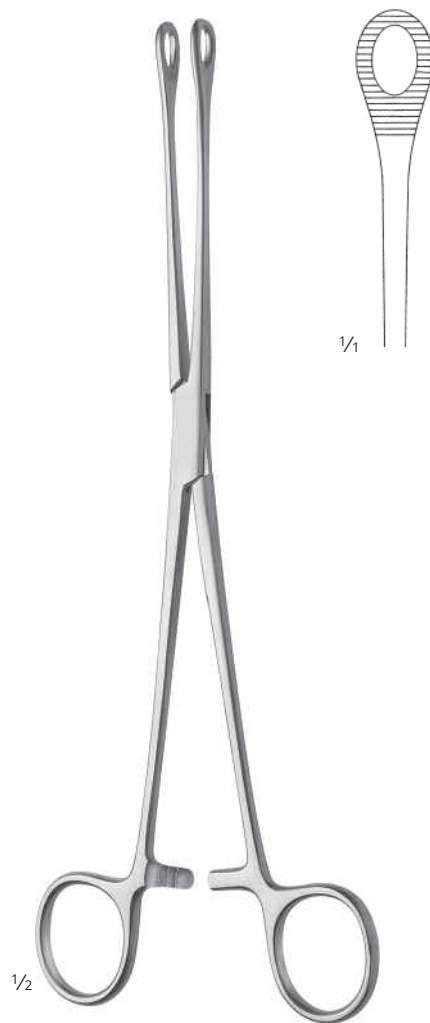


**Cheron**  
**10-010-25**  
 25 cm / 9 <sup>7</sup>/<sub>8</sub>''



**Bozemann**  
**10-011-26**  
 26 cm / 10 <sup>2</sup>/<sub>8</sub>''  
 S-shape  
 S-Form  
 forma S  
 courbés en S  
 curve in forma S

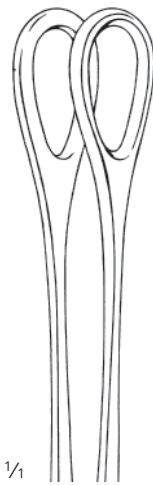
## Sponge Forceps



**Bergmann**  
**10-012-24**  
24 cm / 9  $\frac{4}{8}$ "

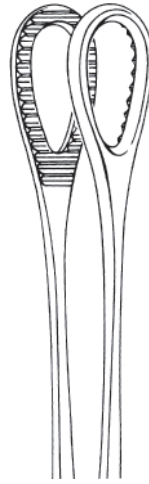
# Sponge Forceps

10



1/4

**10-013-25**  
25 cm / 9 7/8"  
smooth jaw  
glattes Maul  
boca lisa  
mors lisse  
morso liscio



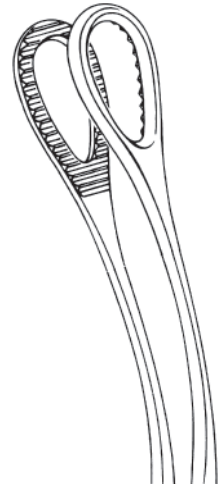
**10-014-18**  
18 cm / 7 1/8"

**10-014-20**  
20.5 cm / 8 1/8"

**10-014-25**  
25 cm / 9 7/8"



**10-015-25**  
24.5 cm / 9 5/8"  
smooth jaw  
glattes Maul  
boca lisa  
mors lisse  
morso liscio



**10-016-18**  
18 cm / 7 1/8"

**10-016-20**  
20.5 cm / 8 1/8"

**10-016-25**  
24.5 cm / 9 5/8"



1/2

**Förster**  
**10-013-25**  
**10-016-25**

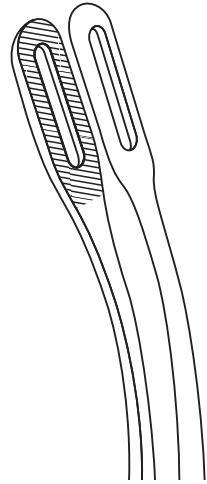
# Sponge Forceps



**Förster**  
10-017-25  
10-018-25



**10-017-25**  
25 cm / 9 <sup>7</sup>/<sub>8</sub> "



**10-018-25**  
25 cm / 9 <sup>7</sup>/<sub>8</sub> "

# Sponge Forceps



1/2

**Rampley**  
10-019-18  
10-019-25



1/1

**10-019-18**  
18 cm / 7 1/8"



**10-019-25**  
24.5 cm / 9 6/8"



12

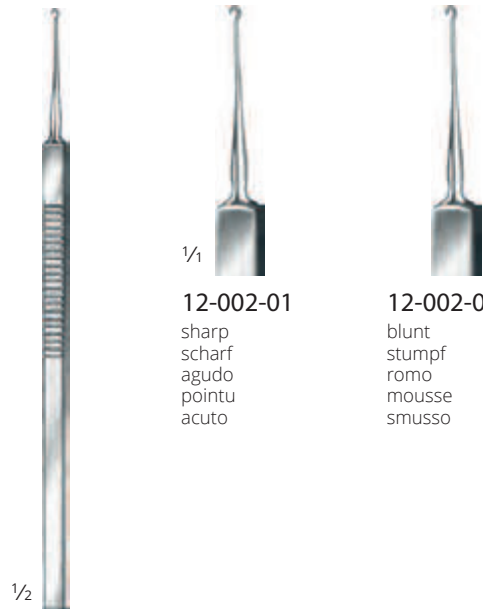
# Retractors

## Micro Hooklets, Skin Hooks

12



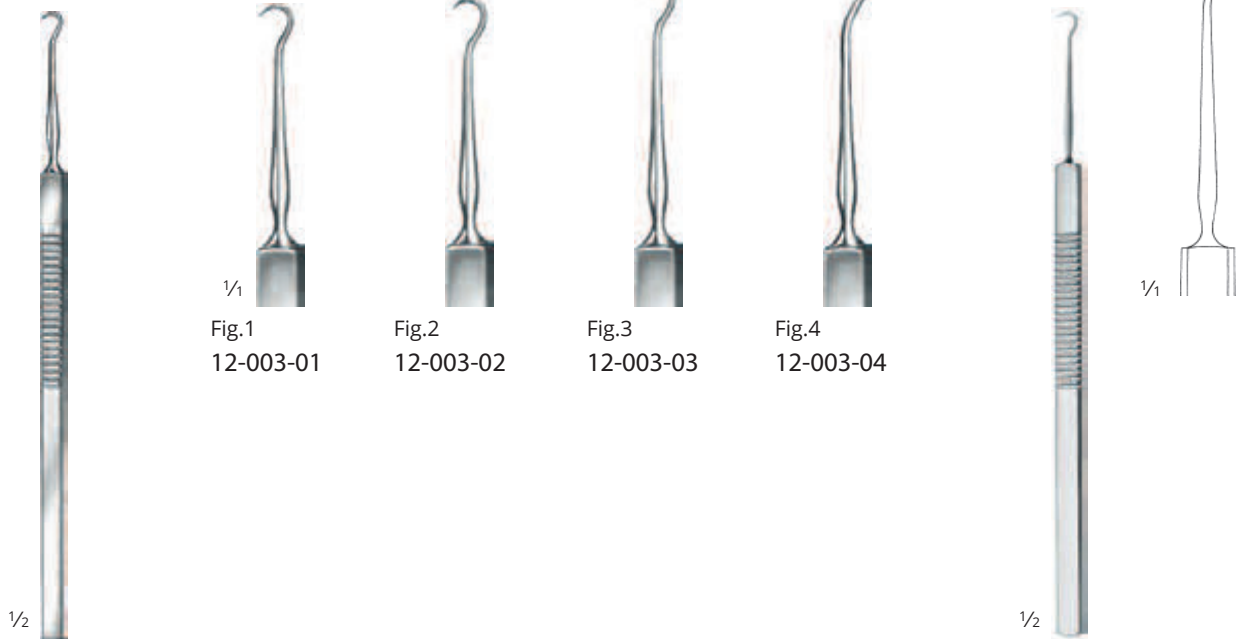
**Rasse**  
12-001-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



**12-002-01**  
sharp  
scharf  
agudo  
pointu  
acuto

**12-002-02**  
blunt  
stumpf  
romo  
mousse  
smusso

**Graefe**  
12-002-01  
12-002-02  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"



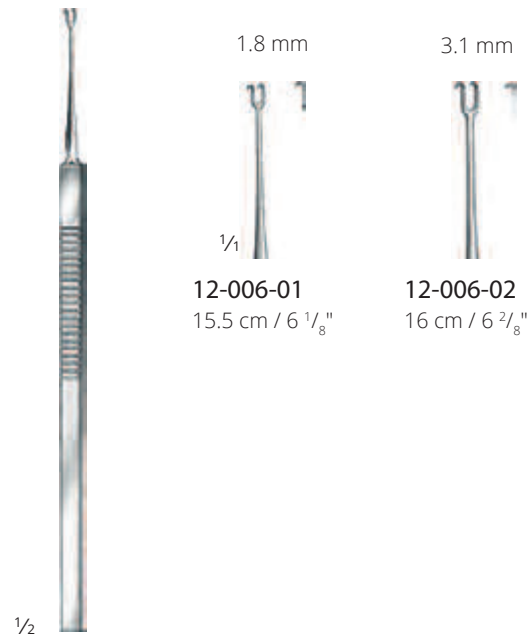
**12-003-01**  
**12-003-04**  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"  
sharp  
scharf  
agudo  
pointu  
acuto

**Rasse**  
12-004-05  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"

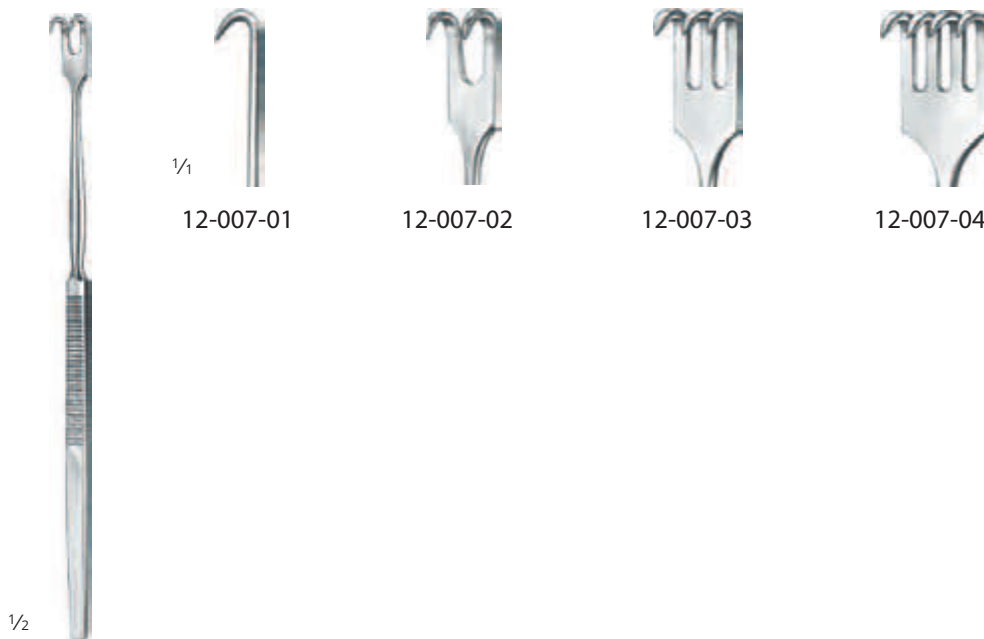
## Skin Hooks, Hooklets



**O'Connor**  
**12-005-16**  
 16 cm / 6 <sup>2</sup>/<sub>8</sub>"  
 sharp  
 scharf  
 agudo  
 pointu  
 acuto



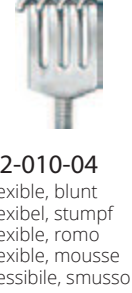
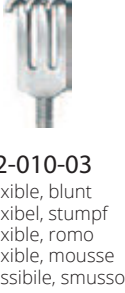
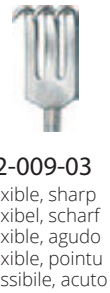
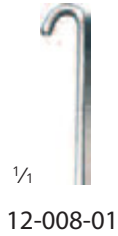
**Guthrie**  
**12-006-01**  
**12-006-02**  
 sharp  
 scharf  
 agudo  
 pointu  
 acuto



**12-007-01**  
**12-007-04**  
 16 cm / 6 <sup>4</sup>/<sub>8</sub>"  
 sharp  
 scharf  
 agudo  
 pointu  
 acuto



# Hooklets



## Hooklets, Saddle Hooks



1/2  
**12-011-16**  
**12-012-16**  
 16.5 cm / 6 4/8"



**12-011-16**  
 sharp  
 scharf  
 agudo  
 pointu  
 acuto



**12-012-16**  
 blunt  
 stumpf  
 romo  
 mousse  
 smusso



**12-013-12**  
 12 cm / 6 4/8"  
 Vessel Hook  
 Gefäßhäkchen  
 Ganchito vascular  
 Micro-Ecarteurs pour vaisseaux  
 Divaricatore vascolare



1/2  
**Desmarres**  
**12-014-08**  
**12-014-18**  
 16 cm / 6 2/8"



1/4  
**12-014-08**  
 8 mm



**12-014-10**  
 10 mm



**12-014-12**  
 12 mm



**12-014-14**  
 14 mm



**12-014-16**  
 16 mm



**12-014-18**  
 18 mm

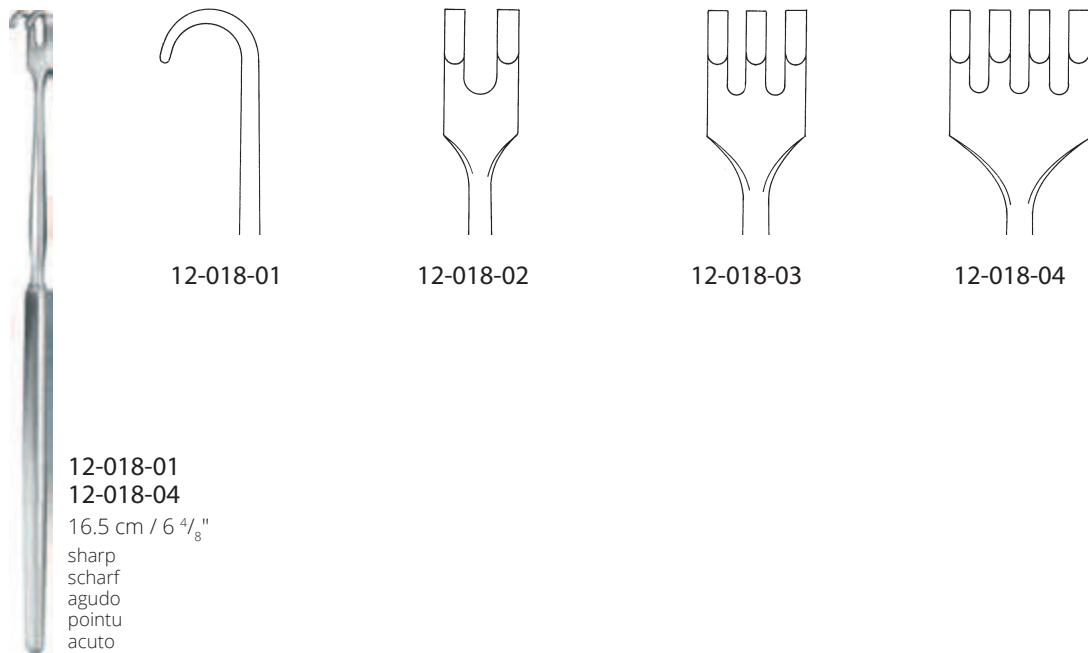
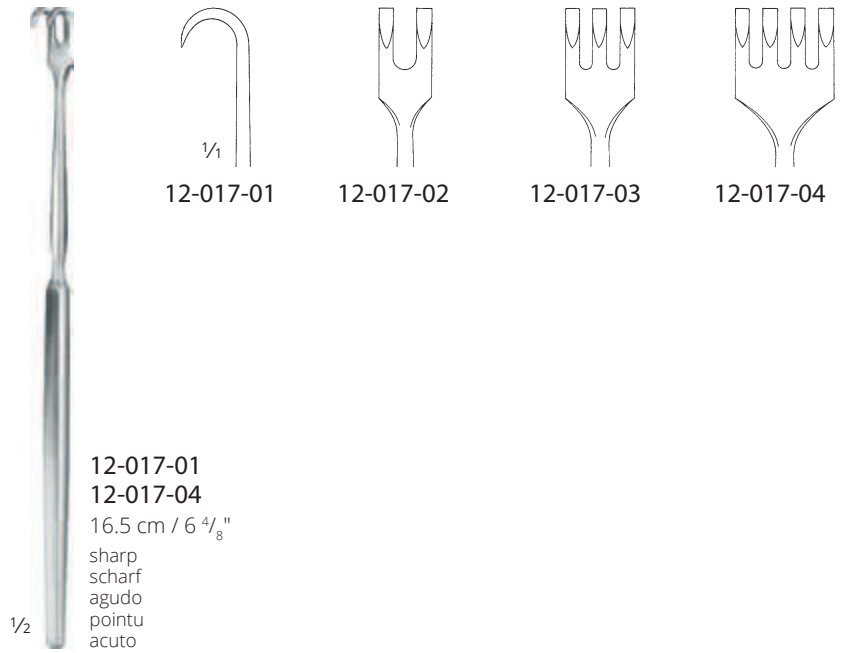
## Saddle Hooks

12



Langenbeck-Mini  
12-015-12  
12-015-22  
16 cm / 6  $\frac{2}{8}$ "

# Hooklets



# Hooklets



Fig.1  
12-019-01  
blunt  
stumpf  
romo  
mousse  
smusso  
18 x 7 mm



Fig.2  
12-019-02  
toothed  
gezahnt  
dentadas  
dentelés  
dentate  
16 x 5 mm



Fig.3  
12-019-03  
toothed  
gezahnt  
dentadas  
dentelés  
dentate  
7 x 4 mm



Fig.4  
12-019-04  
blunt  
stumpf  
romo  
mousse  
smusso  
12 x 4 mm



Fig.5  
12-019-05  
saddle shaped  
sattelförmig  
forma de silla  
sous forme de selle  
forma di sella  
8 x 4 mm



Fig.6  
12-019-06  
sharp  
scharf  
agudo  
pointu  
acuto  
7 x 9 mm



1/2  
Meyerding  
12-019-01  
12-019-06  
18 cm / 7 1/8"



YASARGIL Gelea  
12-195-01  
31 cm / 12.2"  
7 mm  
12-195-02  
41 cm / 16.14"  
12 mm

## Hooklets



Senn-Green  
12-020-01  
12-020-02  
16 cm / 6 2/8"



1/1  
Fig.1  
12-020-01  
20 x 6 mm



Fig.2  
12-020-02  
10 x 6 mm



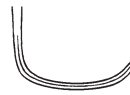
Ragnell-Davis  
12-021-14  
15 cm / 5 7/8"



8 x 4.5 mm

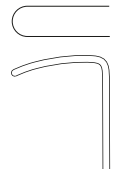
12-021-14

15 x 5.5 mm

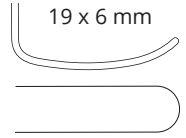


Ragnell-Davis  
12-022-24  
10.5 cm / 4 1/8"

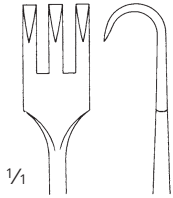
11 x 4 mm



19 x 6 mm



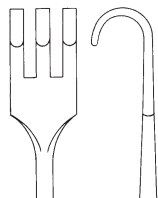
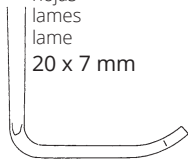
Senn-Miller  
12-023-16  
12-024-16  
16 cm / 6 2/8"



12-023-16

Sharp prongs  
scharfe Zähne  
garfios agudos  
dents pointus  
denti acuti

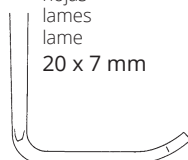
Blades  
Blätter  
hojas  
lames  
lame  
20 x 7 mm



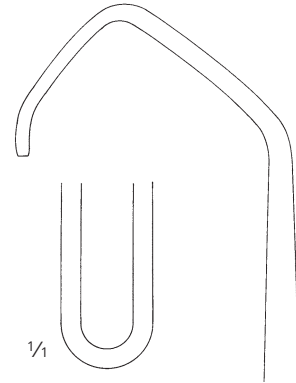
12-024-16

Blunt prongs  
stumpfe Zähne  
garfios romos  
dents mousses  
denti smussi

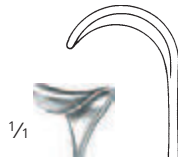
Blades  
Blätter  
hojas  
lames  
lame  
20 x 7 mm



Cushing  
12-024-20  
20.5 cm / 8 1/8"



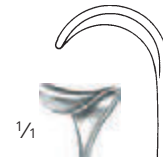
# Saddle Hooks



12-025-08  
8 mm



12-025-10  
10 mm



12-026-08  
8 mm



12-026-10  
10 mm



1/2

Cushing  
12-025-08  
12-025-18  
20.5 cm / 8 1/8"



12-025-12  
12 mm



12-025-14  
14 mm



12-025-16  
16 mm



12-025-18  
18 mm



1/2

Cushing  
12-026-08  
12-026-18  
24 cm / 9 4/8"



12-026-12  
12 mm



12-026-14  
14 mm

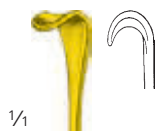


12-026-16  
16 mm



12-026-18  
18 mm

## Saddle Hooks



12-027-04  
4 mm



12-027-06  
6 mm



12-027-08  
8 mm



12-027-11  
11 mm



1/2



12-027-15  
15 mm



12-027-17  
17 mm



12-027-20  
20 mm



12-027-23  
23 mm

**Gil-Vernet**  
**12-027-04**  
**12-027-23**  
 24 cm / 9 4/8"   
 malleable shaft  
 biegsamer Schaft  
 västago malleable  
 tige malléable  
 asta malleabili



# Vein Hooks



**12-028-01**  
 narrow  
 schmal  
 estrecho  
 étroit  
 stretto

**12-028-02**  
 wide  
 breit  
 ancho  
 large  
 largo

**Brom**  
 12-028-01  
 12-028-02  
 19 cm / 7 4/8"



**Fig.1**  
**12-029-01**  
 smooth blade end  
 glattes Blattende  
 valva lisa  
 extrémité de la lame lisse  
 valva liscia

**Fig.2**  
**12-029-02**  
 toothed blade end  
 gezahntes Blattende  
 vlava dentada  
 extrémité de la lame dentelé  
 valva dentada

**Strandell-Stille**  
 12-029-01  
 12-029-02  
 19 cm / 7 4/8"



**Kaye-Millard**  
 12-030-02  
 8 cm / 3 1/8"  
 sharp  
 scharf  
 agudo  
 pointu  
 acuto

# Retractors



1/4

**12-031-01**  
13 x 6 mm



**12-031-02**  
12 x 11 mm

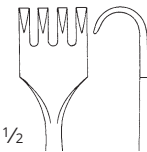


**12-031-03**  
15 x 12 mm



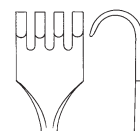
1/2

**Klapp**  
**12-031-01**  
**12-031-02**  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub> "  
blunt  
stumpf  
romo  
mousse  
smusso



1/2

**12-032-04**  
sharp  
scharf  
agudo  
pointu  
acuto



**12-033-04**  
blunt  
stumpf  
romo  
mousse  
smusso



1/2

**12-032-04**  
**12-033-04**  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub> "

# Retractors



1/4

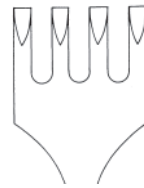
**12-034-01**  
sharp  
scharf  
agudo  
pointu  
acuto



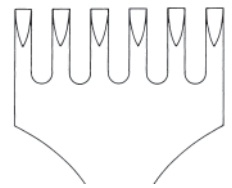
**12-034-02**



**12-034-03**



**12-034-04**

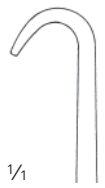


**12-034-05**



1/2

**Volkman**  
**12-034-01**  
**12-035-06**  
21.5 cm / 8 4/8"

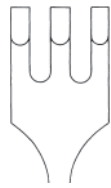


1/4

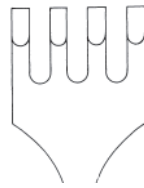
**12-035-01**  
blunt  
stumpf  
romo  
mousse  
smusso



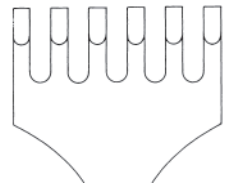
**12-035-02**



**12-035-03**

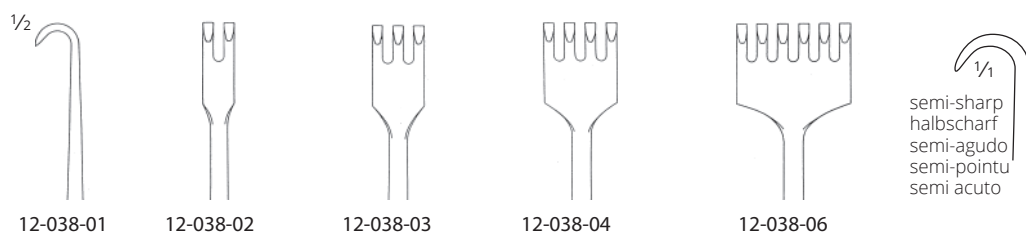
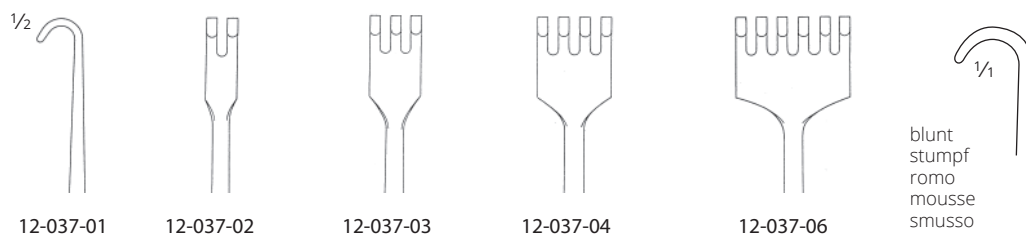
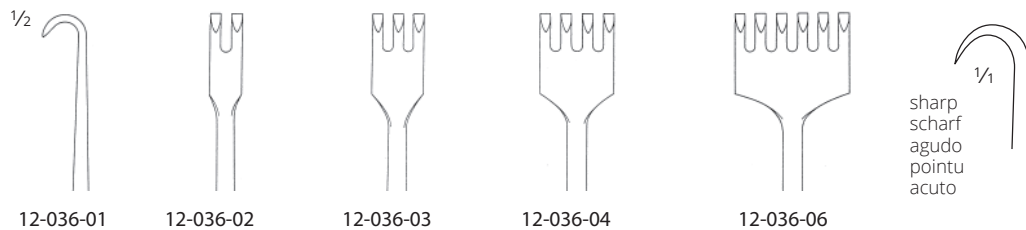


**12-035-04**



**12-035-05**

# Retractors



1/2

**Volkmann**  
12-036-01  
12-038-06  
22.5 cm / 8 7/8"

## Retractors

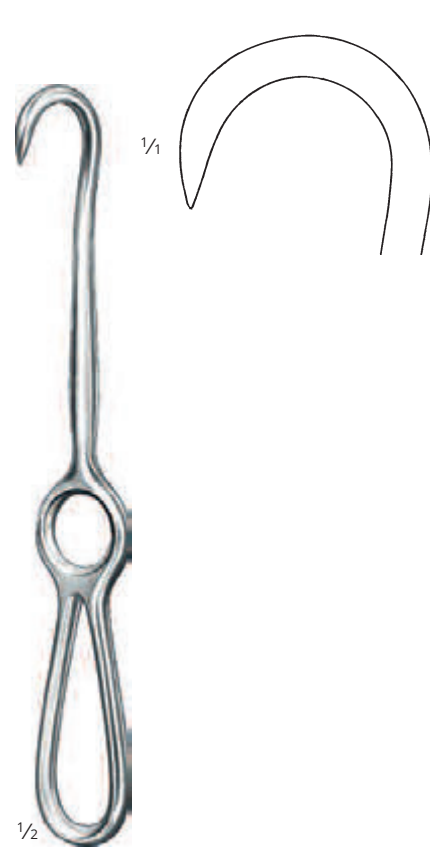
12



**Volkmann**  
**12-039-21**  
21.5cm / 8 4/8"  
sharp  
scharf  
agudo  
pointu  
acuto

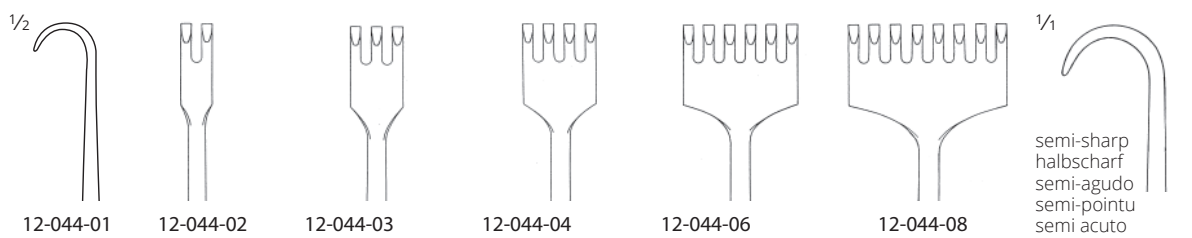
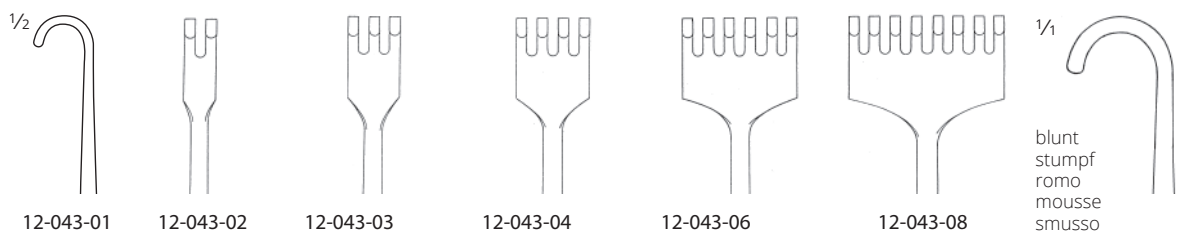
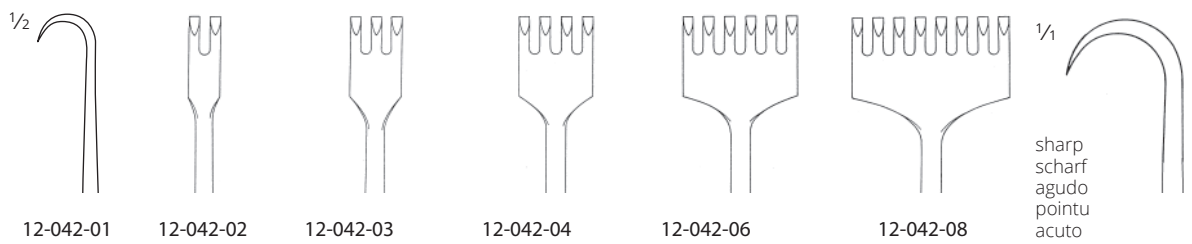


**Volkmann**  
**12-040-21**  
21.5cm / 8 4/8"  
blunt  
stumpf  
romo  
mousse  
smusso



**12-041-21**  
21.5cm / 8 4/8"  
sharp  
scharf  
agudo  
pointu  
acuto

# Retractors



Kocher  
12-042-01  
12-044-08  
22.5 cm / 8 7/8"

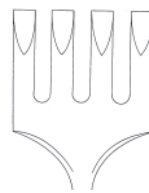
# Retractors



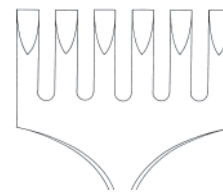
12-045-02



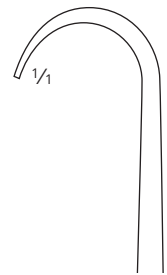
12-045-03



12-045-04



12-045-06

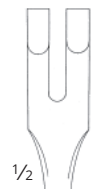


sharp  
scharf  
agudo  
pointu  
acuto



1/2

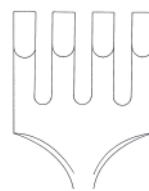
Martin  
12-045-02  
12-046-06  
22.5 cm / 8 7/8"



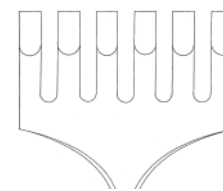
12-046-02



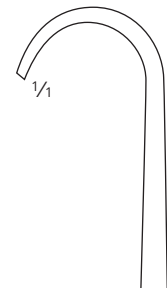
12-046-03



12-046-04



12-046-06



blunt  
stumpf  
romo  
mousse  
smusso

## Retractors



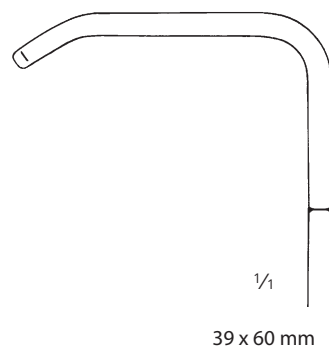
1/2

**Ollier**  
**12-047-24**  
24.5 cm / 9 5/8"  
blunt  
stumpf  
romo  
mousse  
smusso  
37 x 30 mm



1/2

**Ollier**  
**12-048-23**  
23 cm / 9"  
sharp  
scharf  
agudo  
pointu  
acuto  
39 x 60 mm



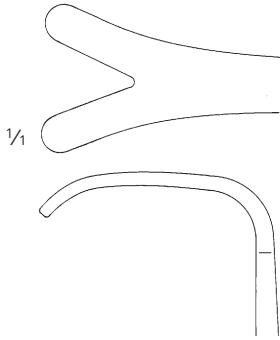
1/2

39 x 60 mm



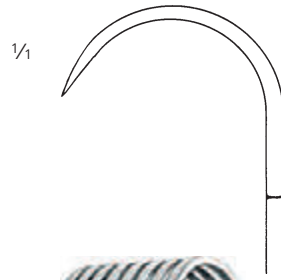
## Retractors

12



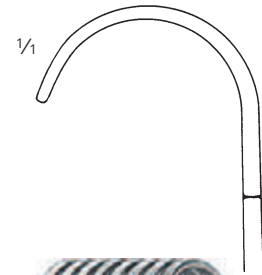
1/2

**Wassmund**  
12-049-20  
20.5 cm / 8 1/8"  
33 x 20 mm



1/2

**Körte**  
12-050-24  
24.5 cm / 9 5/8"  
sharp  
scharf  
agudo  
pointu  
acuto  
25 x 40 mm



1/2

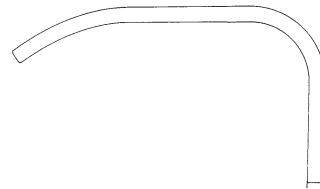
**Körte**  
12-051-24  
24.5 cm / 9 5/8"  
blunt  
stumpf  
romo  
mousse  
smusso  
25 x 40 mm

# Retractors



1/1

12-052-04  
40 x 40 mm

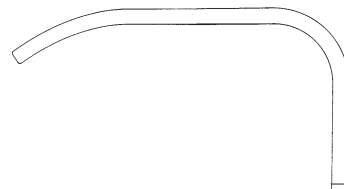


1/2

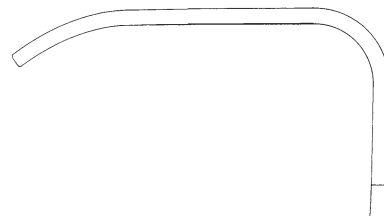
Israel  
12-052-04  
12-052-07  
24.5 cm / 9 5/8"  
blunt  
stumpf  
romo  
mousse  
smusso



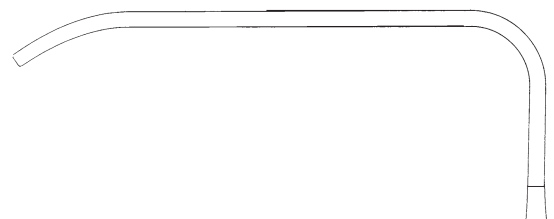
12-052-05  
45 x 50 mm



12-052-06  
50 x 60 mm



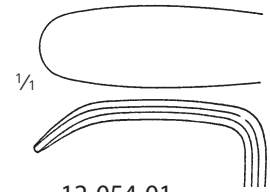
12-052-07  
70 x 70 mm



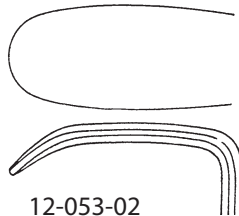
# Retractors



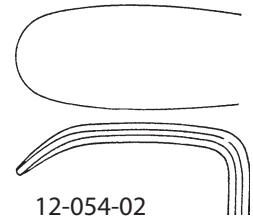
12-053-01  
30 x11 mm



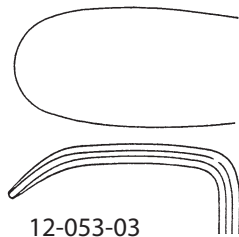
12-054-01  
30 x11 mm



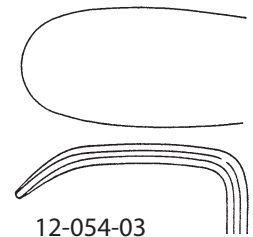
12-053-02  
30 x14 mm



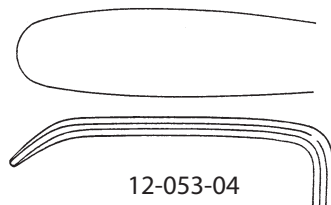
12-054-02  
30 x14 mm



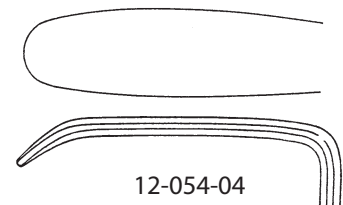
12-053-03  
30 x15 mm



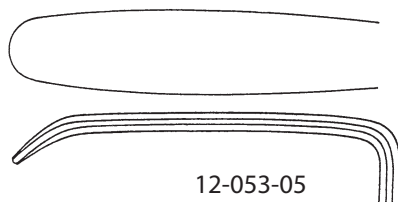
12-054-03  
30 x15 mm



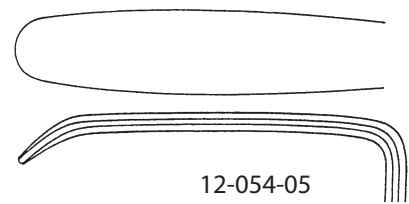
12-053-04  
40 x11 mm



12-054-04  
40 x11 mm



12-053-05  
50 x11 mm



12-054-05  
50 x11 mm

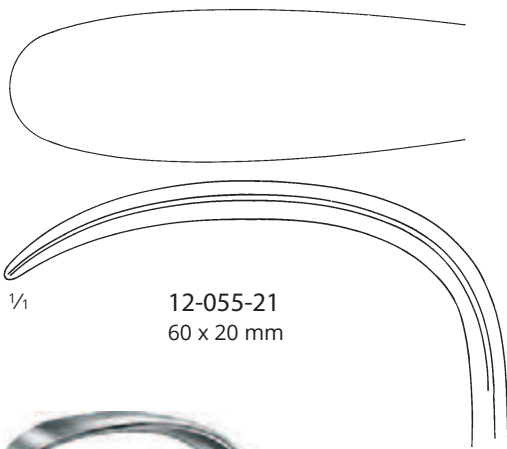


1/2  
Langenbeck  
12-053-01  
12-053-05  
22 cm / 8 5/8"



1/2  
Langenbeck  
12-054-01  
12-054-05  
22 cm / 8 5/8"

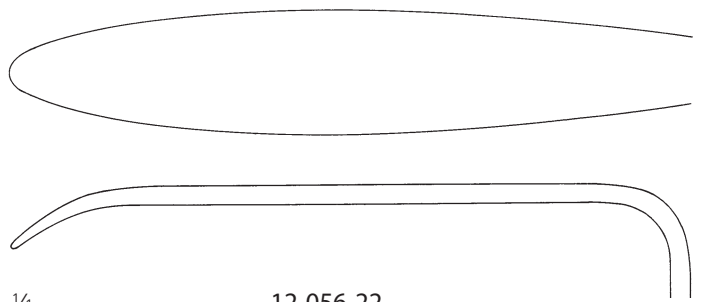
## Retractors



12-055-21  
60 x 20 mm



Langenbeck  
12-055-21  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"



12-056-22  
85 x 15 mm

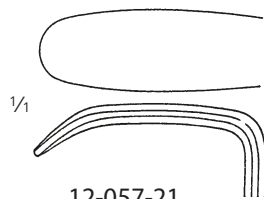


Langenbeck  
12-056-22  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub>"

# Retractors



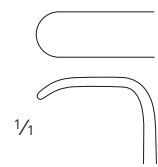
Langenbeck  
12-057-21  
21 cm / 8  $\frac{2}{8}$ "



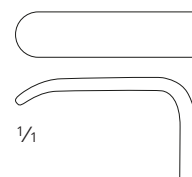
12-057-21  
43 x 13 mm



Langenbeck-Green  
12-058-16  
12-058-25  
16 cm / 6  $\frac{2}{8}$ "



12-058-16  
6 x 16 mm



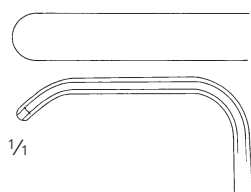
12-058-25  
6 x 25 mm

## Retractors



1/2

**Lahey**  
12-059-19  
19.5 cm / 7 <sup>5</sup>/<sub>8</sub>"



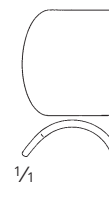
1/4

12-059-19  
29 x 6 mm



1/2

**Little**  
12-060-20  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



1/4

12-060-20  
13 x 15 mm

## Retractors

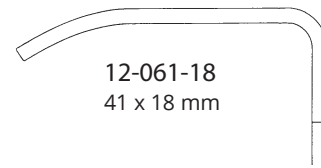


1/2

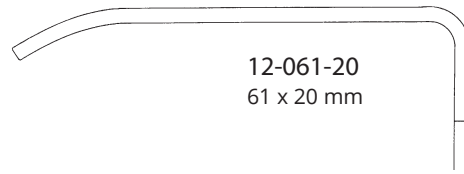
Kocher  
12-061-18  
12-061-40  
23 cm / 9 "



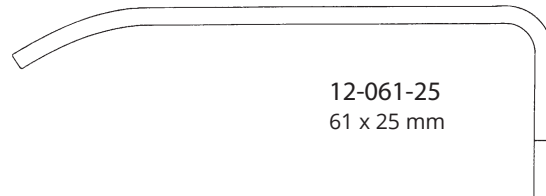
1/4



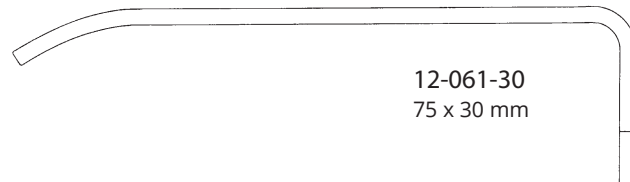
12-061-18  
41 x 18 mm



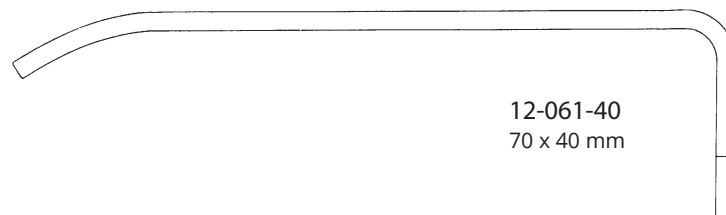
12-061-20  
61 x 20 mm



12-061-25  
61 x 25 mm



12-061-30  
75 x 30 mm



12-061-40  
70 x 40 mm

# Retractors



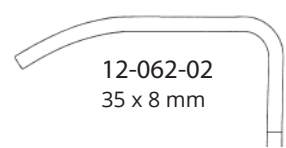
1/2

Kocher-Langenbeck  
 12-062-01  
 12-062-09  
 21.5 cm / 8 4/8"

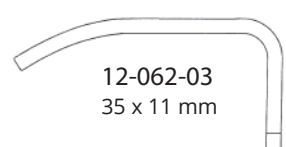
1/1



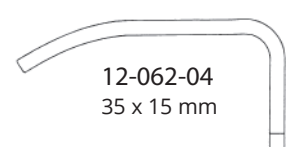
12-062-01  
 25 x 6 mm



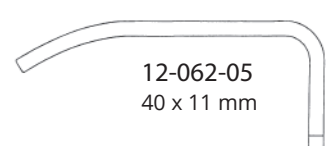
12-062-02  
 35 x 8 mm



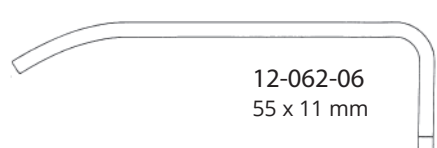
12-062-03  
 35 x 11 mm



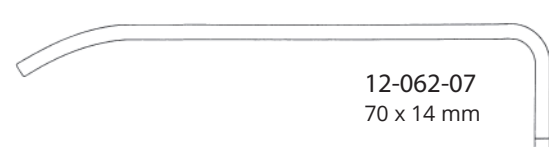
12-062-04  
 35 x 15 mm



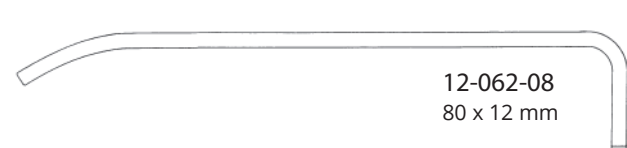
12-062-05  
 40 x 11 mm



12-062-06  
 55 x 11 mm



12-062-07  
 70 x 14 mm



12-062-08  
 80 x 12 mm



12-062-09  
 80 x 16 mm



# Retractors

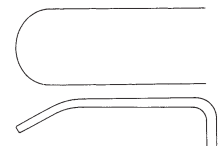
12



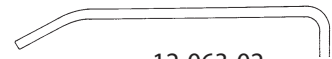
$\frac{1}{2}$

Kocher-Langenbeck  
12-063-01  
12-063-08  
21.5 cm / 8  $\frac{4}{8}$ "

$\frac{1}{4}$



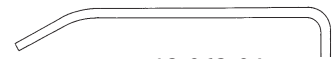
12-063-01  
25 x 10 mm



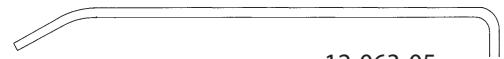
12-063-02  
40 x 13 mm



12-063-03  
60 x 13 mm



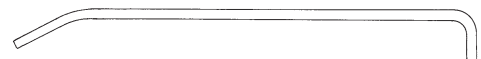
12-063-04  
40 x 18 mm



12-063-05  
60 x 18 mm



12-063-06  
85 x 18 mm



12-063-07  
60 x 25 mm



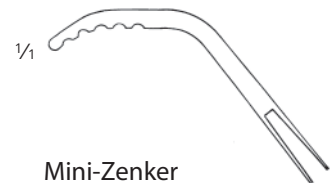
12-063-08  
85 x 25 mm

# Retractors



1/2

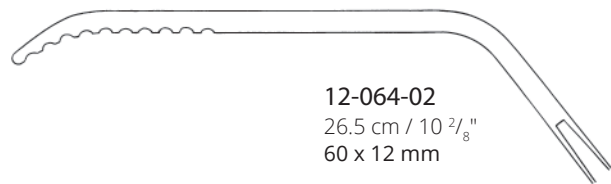
Zenker  
12-064-00  
12-064-05



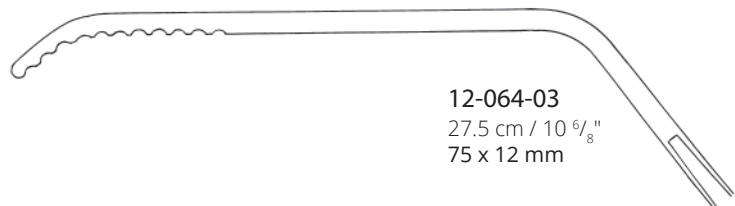
Mini-Zenker  
12-064-00  
18 cm / 7"  
10 x 3 mm



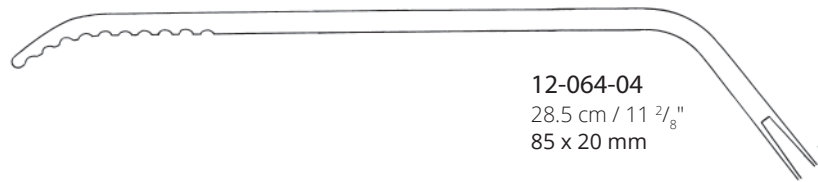
12-064-01  
25 cm / 9 3/4"  
35 x 9 mm



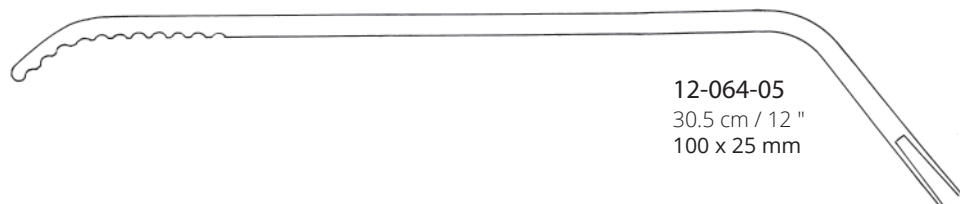
12-064-02  
26.5 cm / 10 2/8"  
60 x 12 mm



12-064-03  
27.5 cm / 10 6/8"  
75 x 12 mm

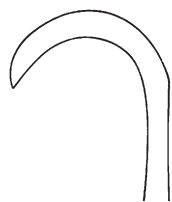


12-064-04  
28.5 cm / 11 2/8"  
85 x 20 mm

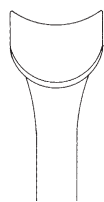


12-064-05  
30.5 cm / 12"  
100 x 25 mm

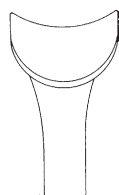
# Retractors



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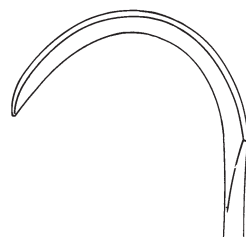
12-065-01  
20 x 12 mm



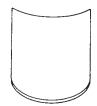
12-065-02  
23 x 14 mm

1/2

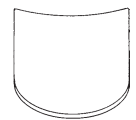
Kocher  
12-065-01  
12-065-02  
21.5 cm / 8 4/8"



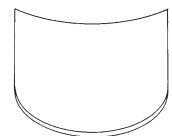
1/4



12-066-01  
22 cm / 8 5/8"  
40 x 10 mm



12-066-02  
23 cm / 9"  
40 x 15 mm



12-066-03  
23 cm / 9"  
40 x 20 mm

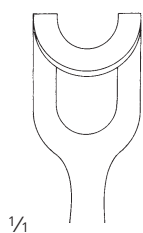
1/2

Kocher  
12-066-01  
12-066-03

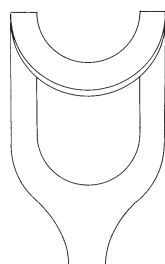
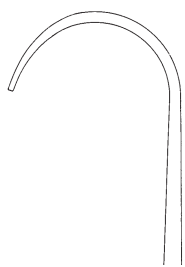
# Retractors



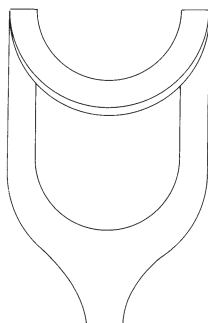
Middeldorpf  
12-067-01  
12-067-03



12-067-01  
22 cm / 8 <sup>5</sup>/<sub>8</sub>"  
15 x 17 mm



12-067-02  
23 cm / 9"  
22 x 22 mm



12-067-03  
24 cm / 9 <sup>4</sup>/<sub>8</sub>"  
26 x 31 mm

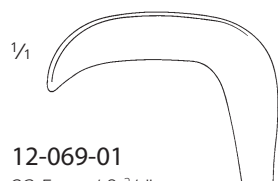


Fig.1  
12-068-01  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"  
25 x 20 mm  
30 x 28 mm

Fig.2  
12-068-02  
27.5 cm / 10 <sup>7</sup>/<sub>8</sub>"  
43 x 38 mm  
63 x 44 mm

Richardson-Eastman  
12-068-01  
12-068-02

# Retractors



12-069-01  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "  
25 x 21 mm

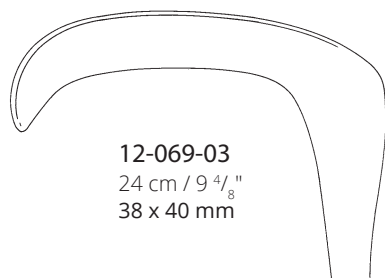


1/2

Richardson  
12-069-01  
12-069-03



12-069-02  
24 cm / 9 <sup>4</sup>/<sub>8</sub> "  
30 x 29 mm



12-069-03  
24 cm / 9 <sup>4</sup>/<sub>8</sub> "  
38 x 40 mm



1/2

Richardson  
12-070-24  
24 cm / 9 <sup>4</sup>/<sub>8</sub> "

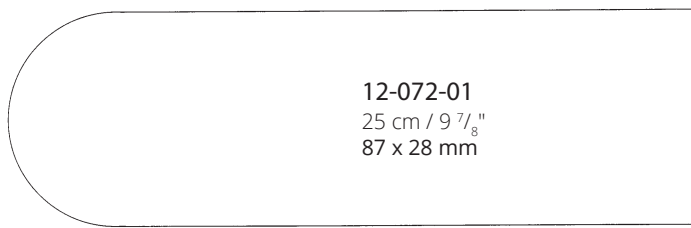
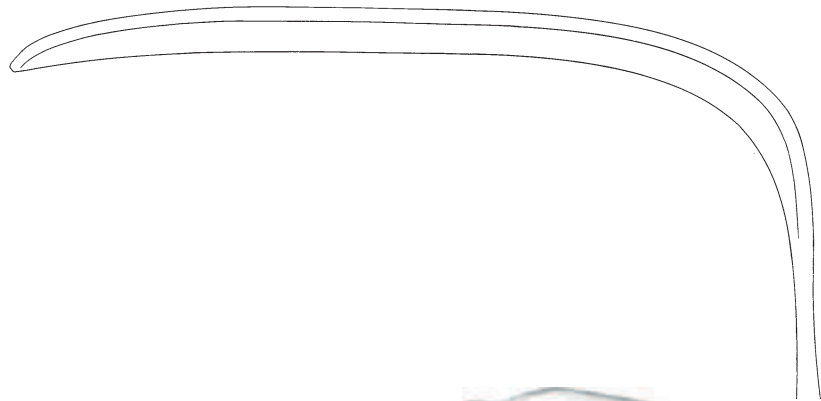


1/2

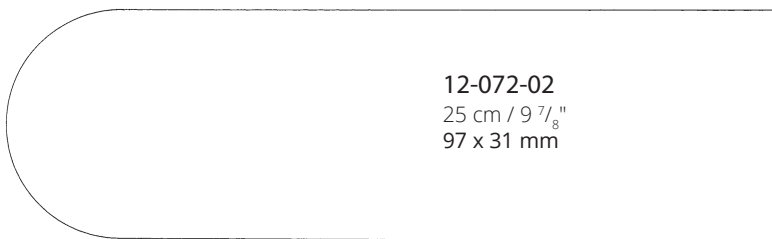
Kelly  
12-071-26  
26 cm / 10 <sup>4</sup>/<sub>8</sub> "

## Retractors

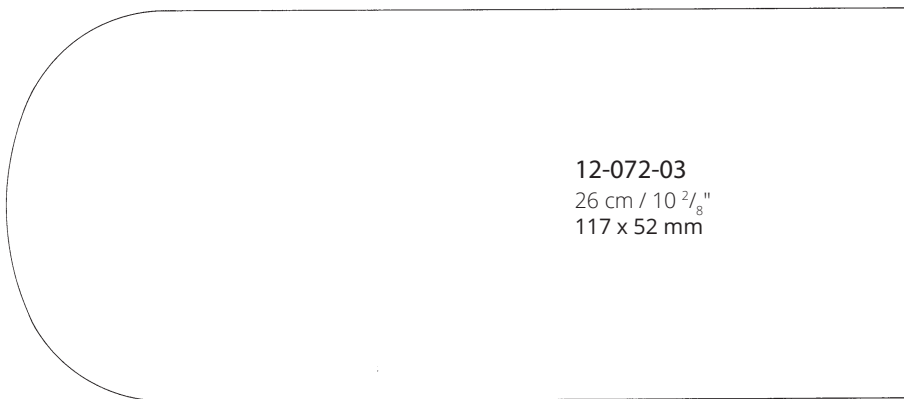
1/4



**12-072-01**  
25 cm / 9 <sup>7</sup>/<sub>8</sub> "  
87 x 28 mm



**12-072-02**  
25 cm / 9 <sup>7</sup>/<sub>8</sub> "  
97 x 31 mm



**12-072-03**  
26 cm / 10 <sup>2</sup>/<sub>8</sub> "  
117 x 52 mm



1/2

**Doyen-Stille**  
12-072-01  
12-072-03

## Retractors



Hösel  
12-073-01  
12-073-06  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"

12-073-01  
63 x 21 mm

12

12-073-02  
83 x 30 mm

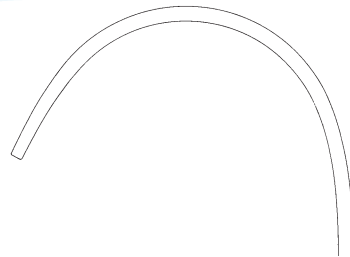
12-073-03  
103 x 30 mm

12-073-04  
120 x 30 mm

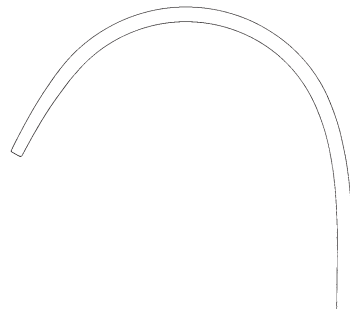
12-073-05  
140 x 30 mm

12-073-06  
140 x 40 mm

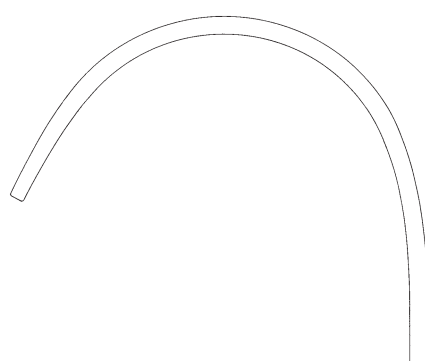
## Retractors



12-074-01  
27 cm / 10 <sup>5</sup>/<sub>8</sub>"  
43 x 45 mm



12-074-02  
27 cm / 10 <sup>5</sup>/<sub>8</sub>"  
52 x 50 mm



12-074-03  
28 cm / 11 "  
52 x 70 mm

<sup>1</sup>/<sub>2</sub>  
Middeldorpf  
12-074-01  
12-074-03



## Retractors

12

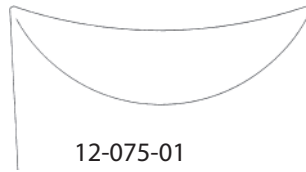


1/2

Fritsch  
12-075-00  
12-075-05



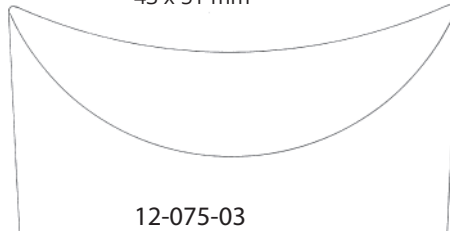
12-075-00  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "  
37 x 31 mm



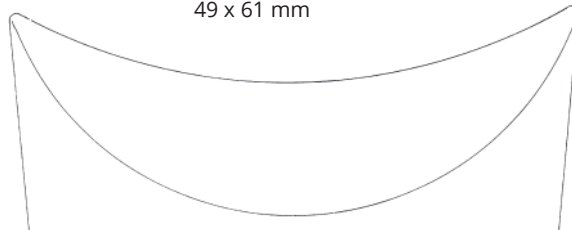
12-075-01  
24 cm / 9 <sup>4</sup>/<sub>8</sub> "  
38 x 40 mm



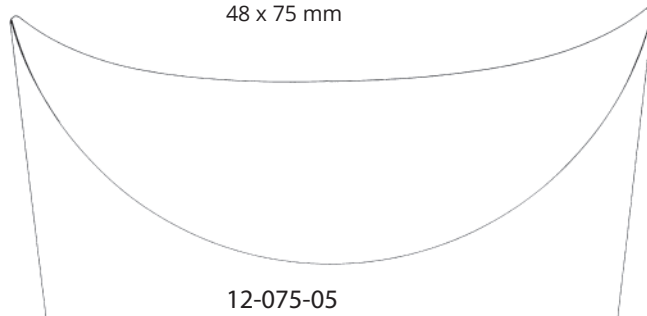
12-075-02  
25 cm / 9 <sup>6</sup>/<sub>8</sub> "  
43 x 51 mm



12-075-03  
25 cm / 9 <sup>6</sup>/<sub>8</sub> "  
49 x 61 mm



12-075-04  
25.5 cm / 10 "  
48 x 75 mm



12-075-05  
29.5 cm / 10 <sup>4</sup>/<sub>8</sub> "  
65 x 85 mm

## Retractors



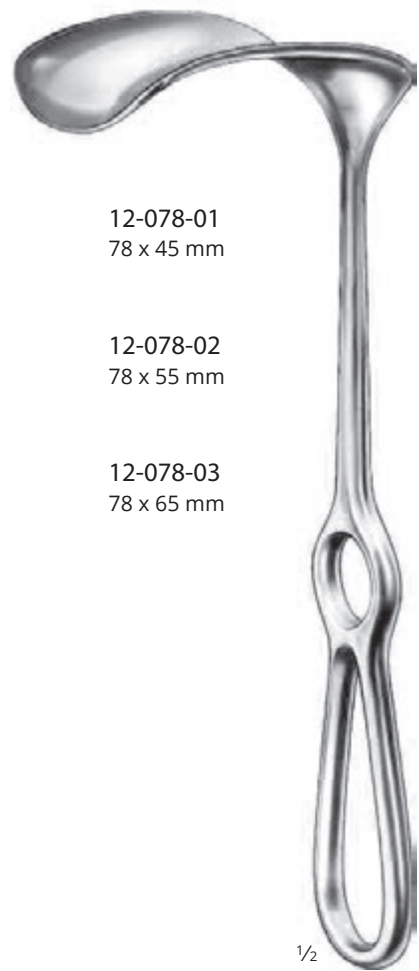
1/2

**Doyen**  
12-076-25  
24 cm / 9 4/8"  
45 x 88 mm



1/2

**Kocher**  
12-077-22  
23.5 cm / 9 2/8"  
70 x 25 mm



12-078-01  
78 x 45 mm

12-078-02  
78 x 55 mm

12-078-03  
78 x 65 mm

1/2

**Kocher**  
12-078-01  
12-078-03  
25 cm / 9 7/8"

## Retractors

12

12-079-25  
110 x 27 mm

$\frac{1}{4}$

$\frac{1}{2}$

**Martin**  
12-079-25  
26.5 cm / 10  $\frac{3}{8}$ "

12-080-28  
115 x 22 mm

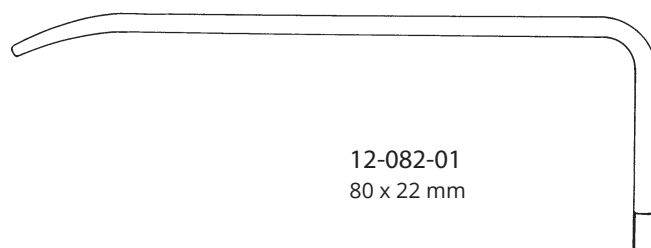
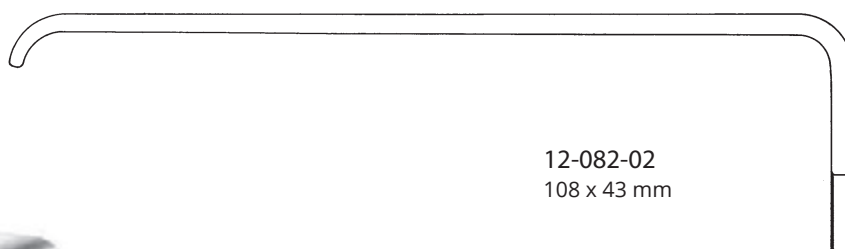
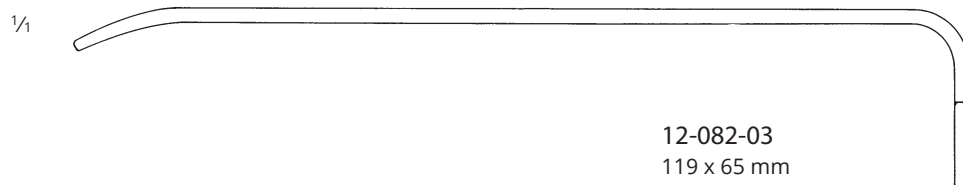
12-081-28  
115 x 28 mm

$\frac{1}{4}$

$\frac{1}{2}$

**Simon**  
12-080-28  
12-081-28  
28 cm / 11"

## Retractors



Corllos  
12-082-01  
12-082-03  
24 cm / 9 4/8"

## Retractors

12



1/2

Davidson  
12-083-01  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"  
80 x 54 mm



1/2

Davidson  
12-083-02  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"

# Retractors

12-084-18  
180 x 30 mm

$\frac{1}{4}$  12-084-16  
160 x 30 mm

12-084-14  
140 x 30 mm

12-084-13  
130 x 30 mm

12-084-12  
120 x 25 mm

12-084-10  
100 x 25 mm

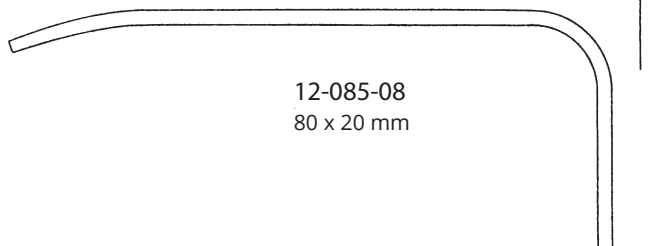
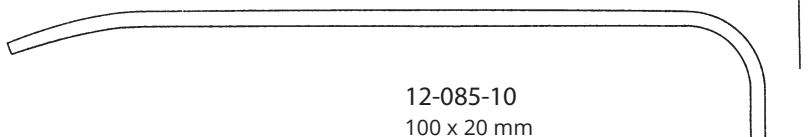
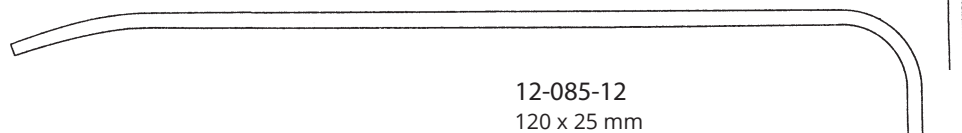
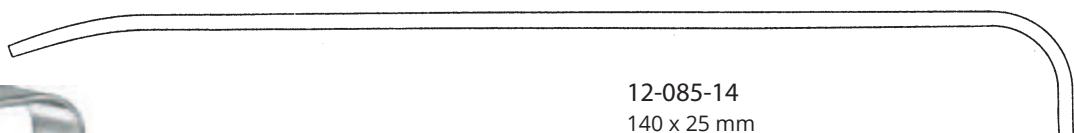
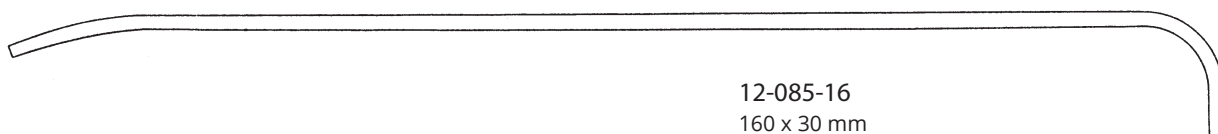
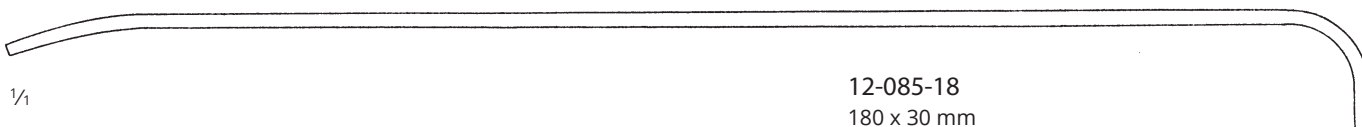
12-084-08  
80 x 20 mm



$\frac{1}{2}$

**Brunner**  
12-084-08  
12-084-18  
25 cm / 10 "

# Retractors

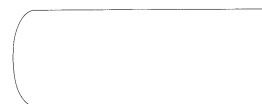


**Brunner**  
12-085-08  
12-085-18  
25.5 cm / 10 "

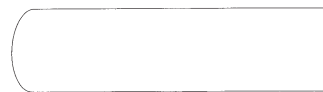
## Retractors



12-086-01  
45 x 15 mm



12-086-02  
60 x 23 mm



12-086-03  
72 x 20 mm

Sauerbruch  
12-086-01  
12-086-03  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub> "



Morris  
12-195-11  
24.5 cm / 9.64



# Aorta Retractors



1/2

**Ross**  
**12-087-01**  
**12-087-06**

flexible shaft  
 flexibler Schaft  
 vástago flexible  
 tige flexible  
 asta flessibile



1/2

**Fig.1**  
**12-087-01**  
 24 cm / 9 4/8"



**Fig.2**  
**12-087-02**  
 24.5 cm / 9 5/8"



**Fig.3**  
**12-087-03**  
 25 cm / 9 7/8"



**Fig.4**  
**12-087-04**  
 25.5 cm / 10"



**Fig.5**  
**12-087-05**  
 27 cm / 10 5/8"



**Fig.6**  
**12-087-06**  
 25.5 cm / 10"

# Retractors

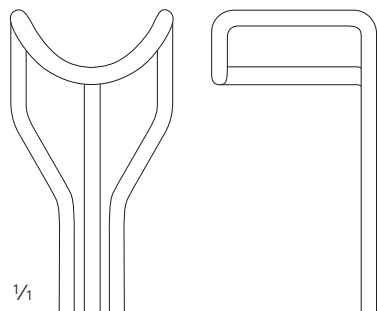


Fig.1  
12-088-01  
17 x 21 mm

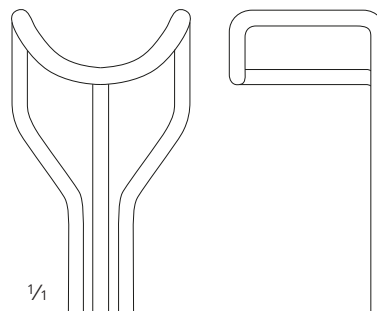


Fig.2  
12-088-02  
16 x 23 mm

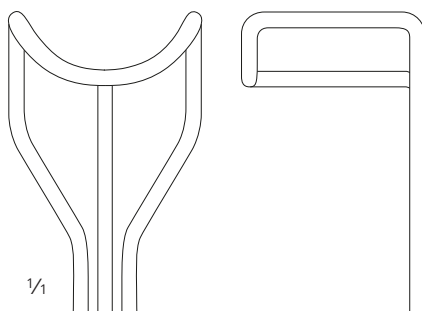


Fig.3  
12-088-03  
20 x 25 mm

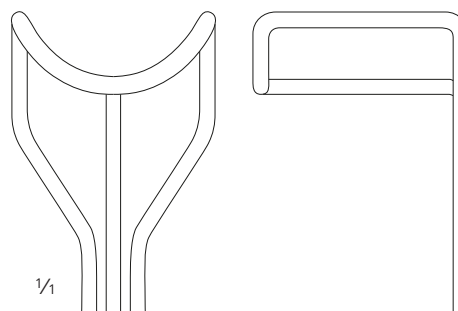


Fig.4  
12-088-04  
24 x 27 mm

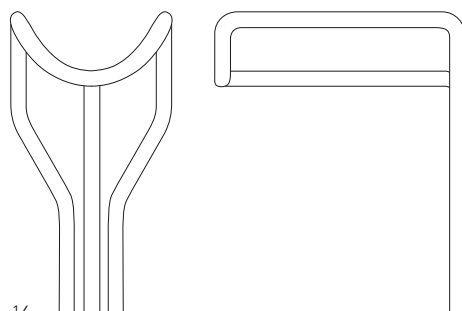


Fig.5  
12-088-05  
28 x 20 mm

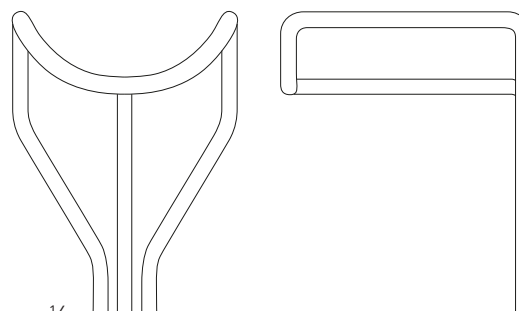


Fig.6  
12-088-06  
28 x 29 mm

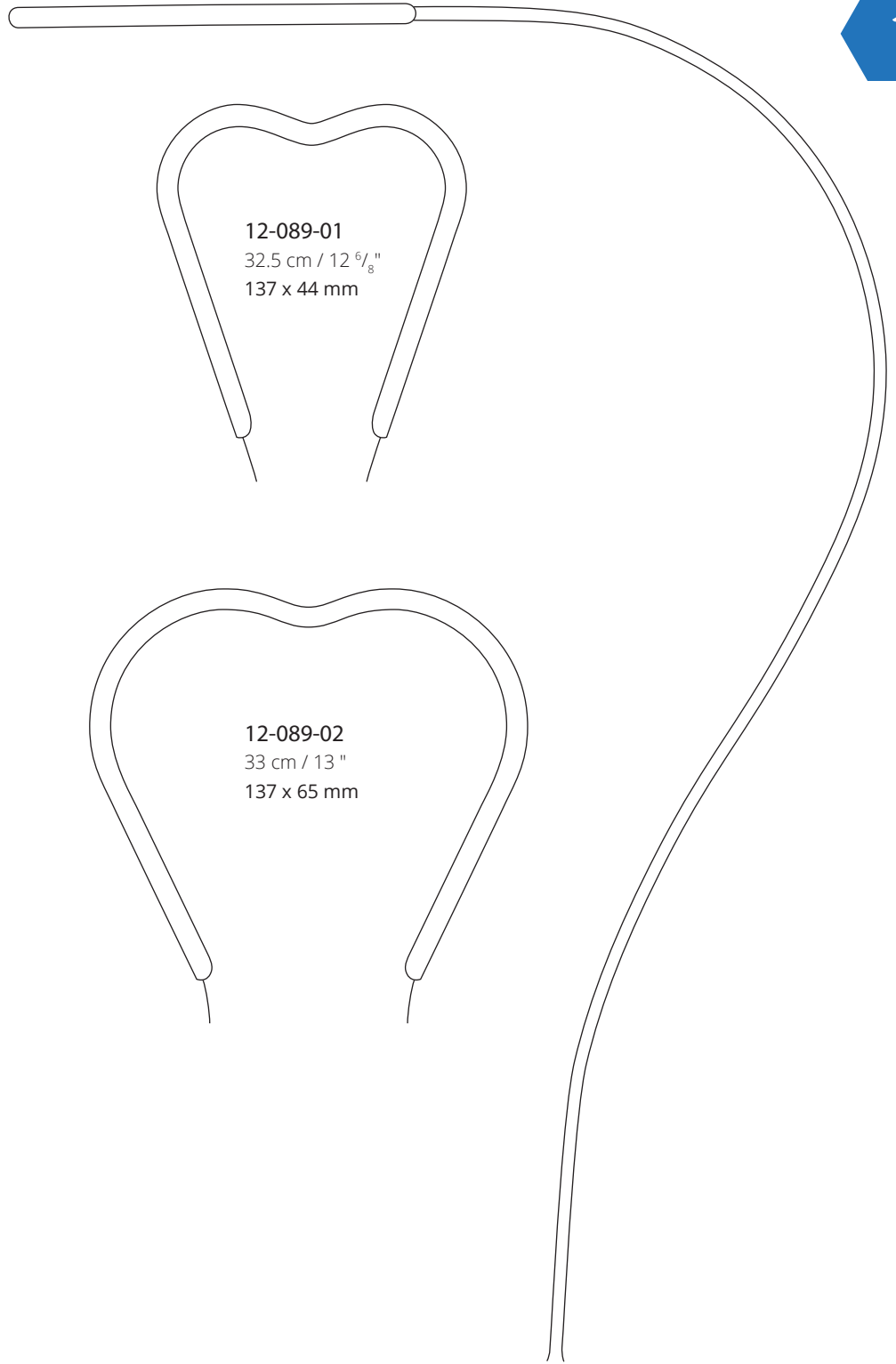


1/2  
Borowski  
12-088-01  
12-088-06  
27 cm / 10 <sup>5</sup>/<sub>8</sub> "

## Retractors

12

1/1



12-089-01  
32.5 cm / 12 <sup>6</sup>/<sub>8</sub>"  
137 x 44 mm

12-089-02  
33 cm / 13 "  
137 x 65 mm



1/2

Harrington  
12-089-01  
12-089-02

## Retractors



1/2

Deaver  
12-090-00  
18 cm / 7 1/8"  
16 mm

Deaver  
12-090-01  
18 cm / 7 1/8"  
19 mm

Deaver  
12-090-02  
21.5 cm / 8 4/8"  
22 mm

Deaver  
12-090-03  
26 cm / 10 2/8"  
25 mm

Deaver  
12-090-04  
30.5 cm / 12 "  
25 mm

Deaver  
12-090-05  
33.5 cm / 13 2/8"  
25 mm

Deaver  
12-090-06  
34.5 cm / 13 5/8"  
25 mm

## Retractors

12



1/2

Deaver  
12-090-07  
32 cm / 12 5/8"  
38 mm



Deaver  
12-090-08  
31.5 cm / 12 3/8"  
50 mm



Deaver  
12-090-09  
31.5 cm / 12 3/8"  
75 mm

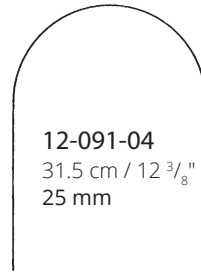
# Retractors



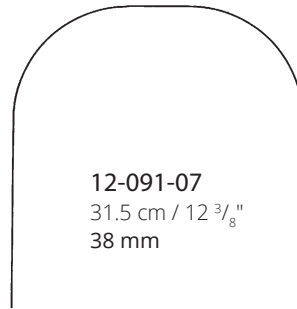
1/2

Deaver  
12-091-04  
12-091-10

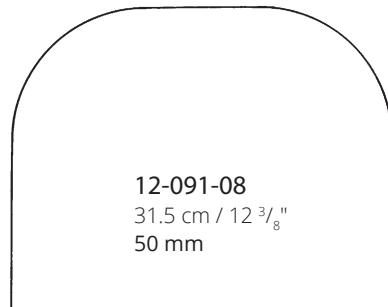
1/1



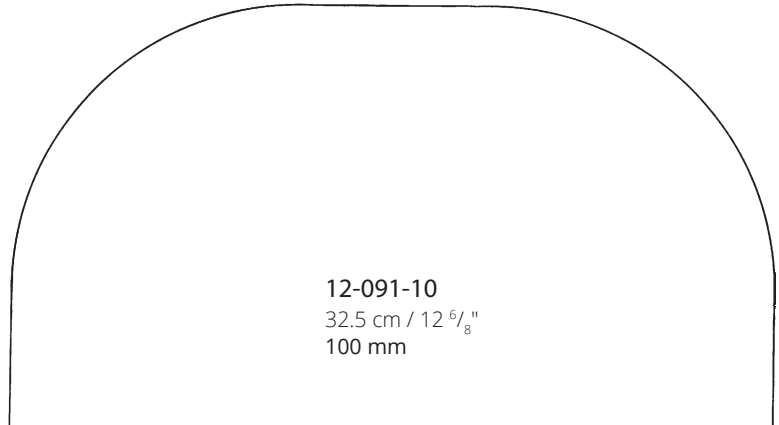
12-091-04  
31.5 cm / 12 <sup>3</sup>/<sub>8</sub>"  
25 mm



12-091-07  
31.5 cm / 12 <sup>3</sup>/<sub>8</sub>"  
38 mm



12-091-08  
31.5 cm / 12 <sup>3</sup>/<sub>8</sub>"  
50 mm



12-091-10  
32.5 cm / 12 <sup>6</sup>/<sub>8</sub>"  
100 mm

## Atrium Retractors

12



Cooley  
12-092-01  
25 cm / 9 <sup>7</sup>/<sub>8</sub>"  
right  
rechts  
derecho  
droit  
destra  
48 x 48 mm

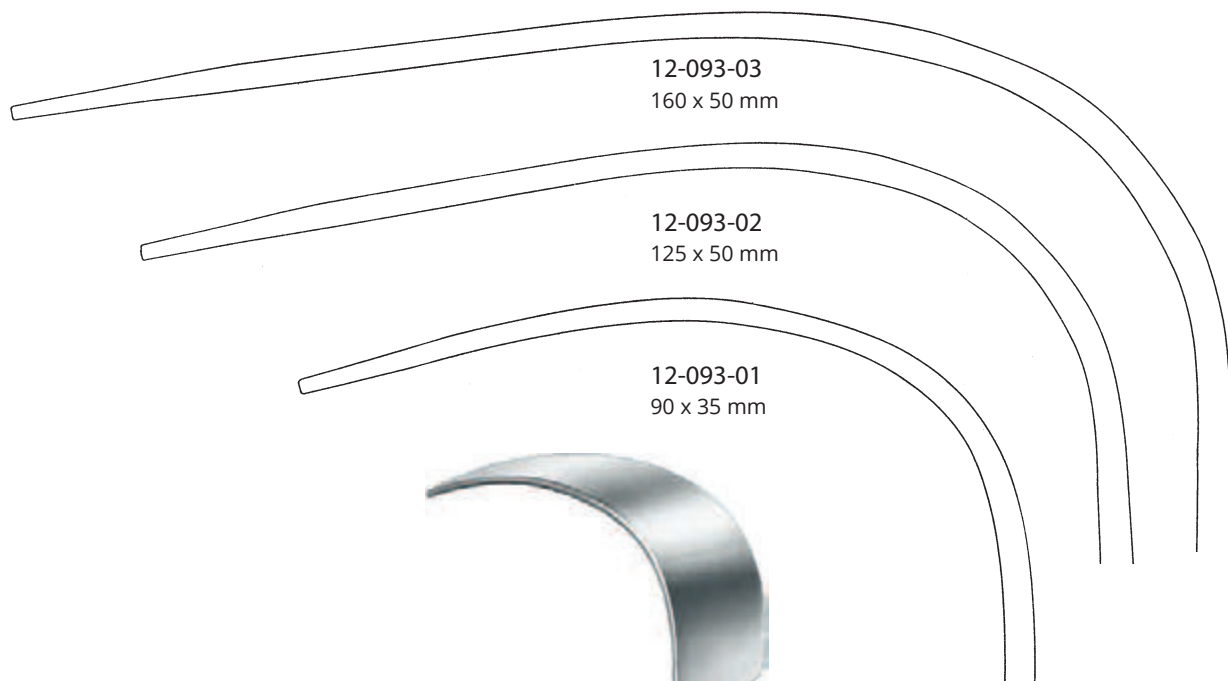


Cooley  
12-092-02  
25 cm / 9 <sup>7</sup>/<sub>8</sub>"  
right, serrated  
rechts, gerieft  
derecho, estriado  
droit, avec stries  
destra, con striatura  
48 x 48 mm



Cooley  
12-092-03  
27.5 cm / 10 <sup>7</sup>/<sub>8</sub>"  
left  
links  
izquierdo  
gauche  
sinistra  
30 x 48 mm

## Retractors



1/2

Mikulicz

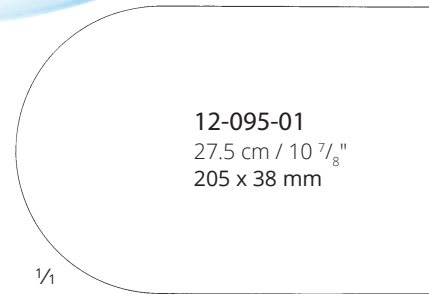
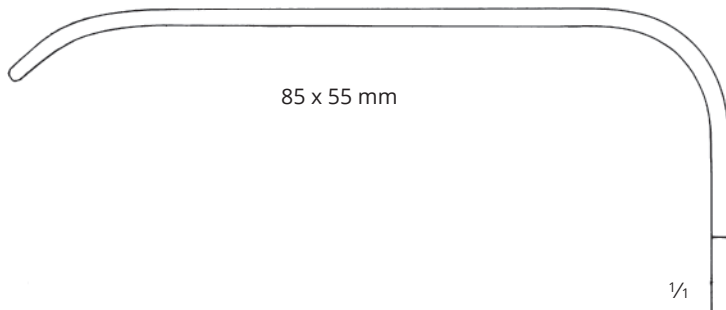
12-093-01

12-093-03

25 cm / 9 7/8"



## Retractors



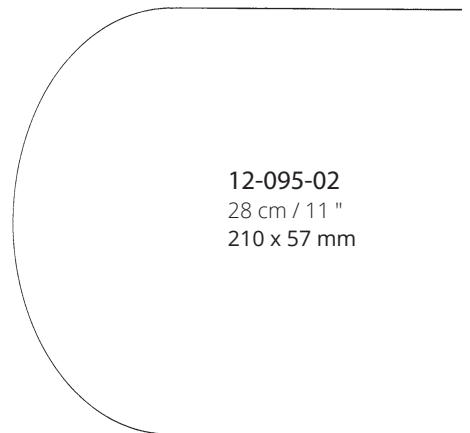
12



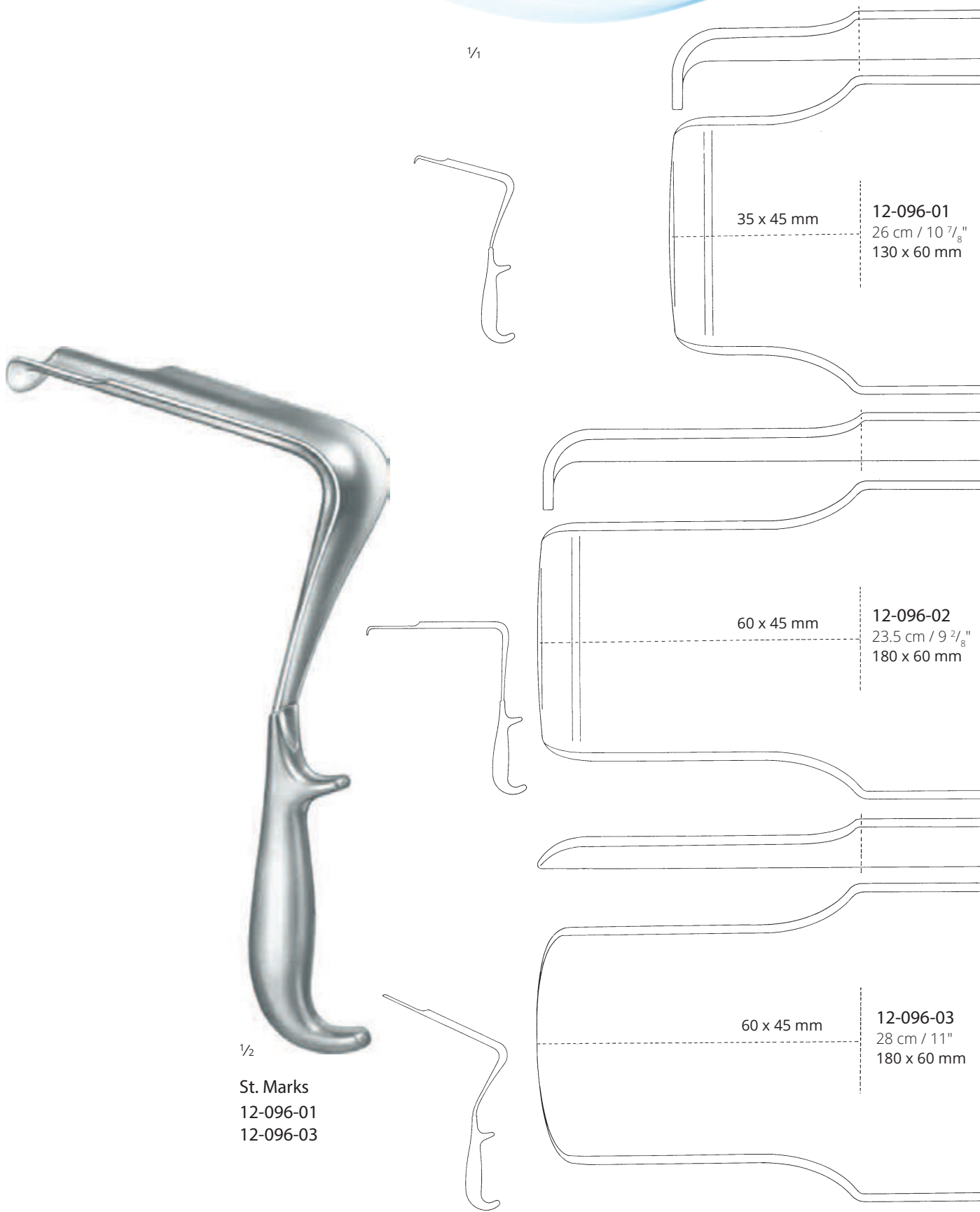
**Mikulicz**  
12-094-26  
26 cm / 10 <sup>7</sup>/<sub>8</sub> "



**Kelly**  
12-095-01  
12-095-02



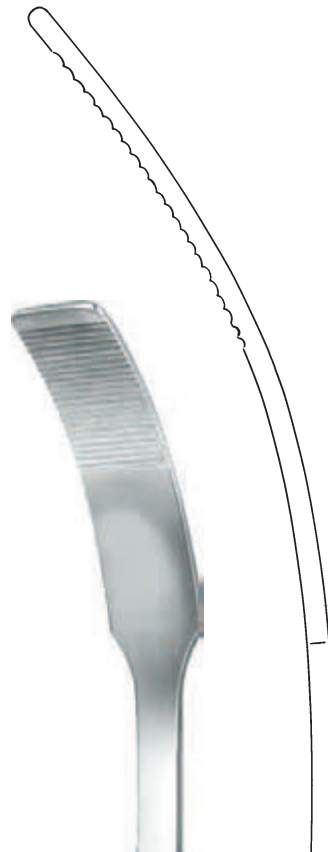
# Retractors



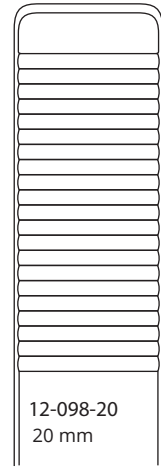
# Abdominal Spatulas



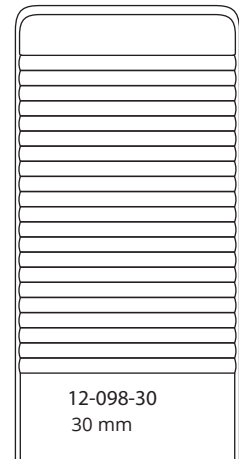
1/2  
**Kümmel**  
 12-097-28  
 31 cm / 12 7/8"



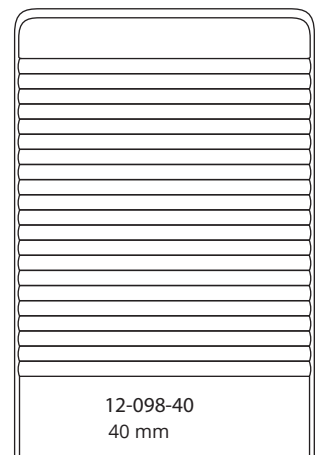
1/2  
**Kader**  
 12-098-20  
 12-098-40  
 28 cm / 11"



12-098-20  
 20 mm



12-098-30  
 30 mm

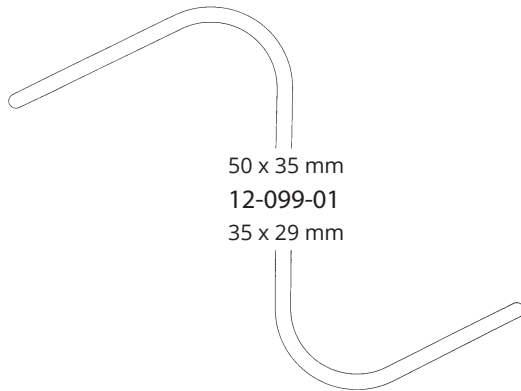


12-098-40  
 40 mm

# Retractors



**Collin-Hartmann**  
12-099-01  
15 cm / 5 7/8"



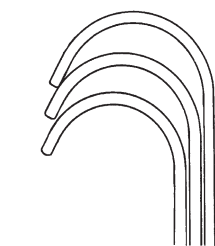
50 x 35 mm  
12-099-01  
35 x 29 mm



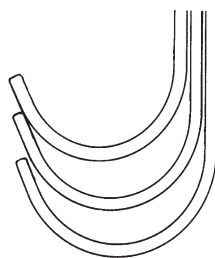
**Roux, S-Type**  
12-109-02  
17 cm  
29 x 29 mm  
34 x 44mm



**Roux**  
12-100-00  
12-100-03



**Fig.1**  
12-100-01  
14.5 cm / 5 6/8"  
22 x 21 mm  
27 x 29 mm



**Fig.2**  
12-100-02  
16 cm / 6 2/8"  
25 x 26 mm  
30 x 38 mm

**Fig.1-3**  
12-100-00  
17 cm / 6 6/8"  
Set  
Satz

**Fig.3**  
12-100-03  
17 cm / 6 6/8"  
28 x 29 mm  
33 x 43 mm



**Lane**  
12-109-03  
23 cm  
30 x 13 mm  
35 x 19 mm

# Retractors

12



**Farabeuf**  
12-101-00  
12 cm / 4 <sup>6</sup>/<sub>8</sub> "

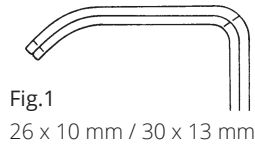


Fig.1  
26 x 10 mm / 30 x 13 mm

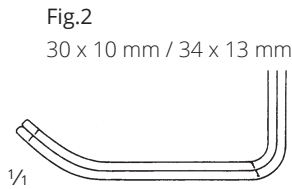


Fig.2  
30 x 10 mm / 34 x 13 mm



**Farabeuf**  
12-102-00  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub> "

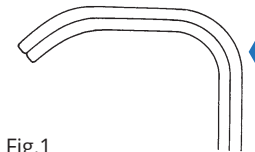


Fig.1  
23 x 16 mm / 26 x 16 mm

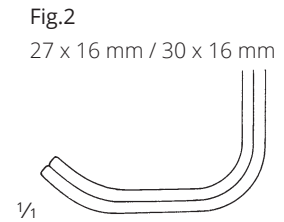
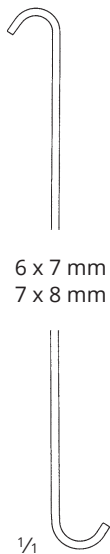


Fig.2  
27 x 16 mm / 30 x 16 mm



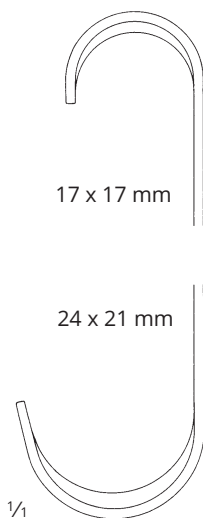
**Roux-Mini**  
12-103-06  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "



6 x 7 mm  
7 x 8 mm



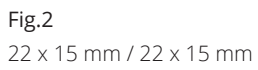
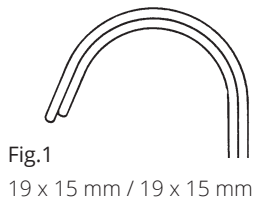
**Roux-Baby**  
12-104-13  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub> "



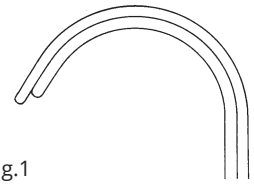
17 x 17 mm

24 x 21 mm

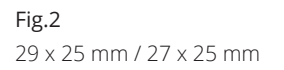
## Retractors



**Parker**  
**12-105-01**  
14 cm / 5 <sup>4</sup>/<sub>8</sub>"



**Fig.1**  
26 x 25 mm / 27 x 15 mm



**Fig.2**  
29 x 25 mm / 27 x 25 mm

**Parker**  
**12-105-02**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



**Czerny**  
**12-109-01**  
17.5 cm / 6.88"

## Retractors

12



Parker-Mott  
12-106-00  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"

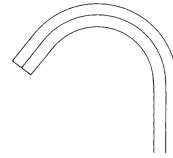


Fig. 1  
21 x 24 mm  
Fig. 2  
25 x 24 mm

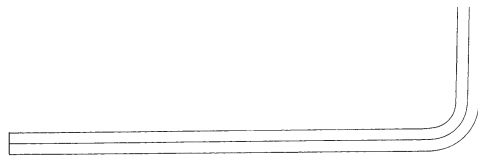


Fig. 1  
68 x 24 mm  
Fig. 2  
72 x 24 mm



Darrach  
12-195-06  
27cm, 12mm

Darrach  
12-195-07  
27cm, 16mm

Darrach  
12-195-08  
27cm, 20mm

Darrach  
12-195-09  
27cm, 23mm

## Retractors



Fig. 1  
42 x 13 mm / 42 x 26 mm



Fig. 2  
47 x 13 mm / 46 x 26 mm

**Mathieu**  
12-107-00  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"



Fig. 1  
21 x 15 mm / 40 x 15 mm



Fig. 2  
25 x 15 mm / 45 x 15 mm

**Parker-Langenbeck**  
12-108-00  
21.5 cm / 8 <sup>4</sup>/<sub>8</sub>"



**Soft Tissue Retractor**  
12-195-13  
25.4 cm / 10"



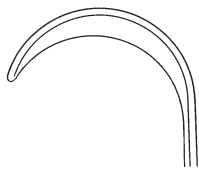
**Fukuda**  
12-195-14  
21.9 cm, 8.63"



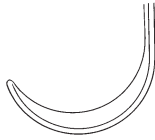
# Retractors



Goelet  
12-109-00  
19 cm / 7 4/8"



26 x 30 mm



35 x 40 mm



Glenoid  
12-195-03



Modified Thin Glenoid Retractor - Narrow  
12-195-04



Modified Thin Glenoid Retractor - Wide  
12-195-05

## Wound Spreaders, self-retaining

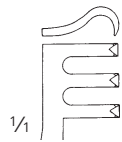


1/2

Finsen

12-110-05

12-113-07



1/4

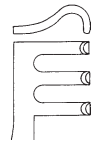
12-110-05  
5 cm / 2 "



2:3

sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
16 mm



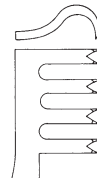
12-111-05  
5 cm / 2 "



2:3

Blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
16 mm



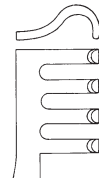
12-112-07  
7 cm / 2 6/8 "



3:4

sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
20 mm



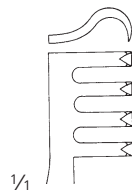
12-113-07  
7 cm / 2 6/8 "



3:4

Blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
20 mm



1/4

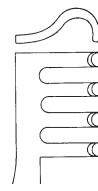
12-114-07



3:4

with adjusting screw, sharp  
mit Stellschraube, scharf  
con tornillo de ajuste, agudo  
avec vis d'ajustage, pointu  
con vite di arresto, acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
30 mm



12-115-07



3:4

with adjusting screw, blunt  
mit Stellschraube, stumpf  
con tornillo de ajuste, romo  
avec vis d'ajustage, mousse  
con vite di arresto, smussot

spreading  
Spreizweite  
extensión  
écartement  
apertura  
30 mm



1/2

Finsen-Martin

12-114-07

12-115-07

7.5 cm / 3 "

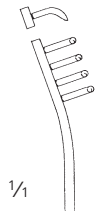
# Wound Spreaders, self-retaining



1/2

**Alm**  
12-116-07  
12-117-10

mit Stellschraube  
with adjusting screw  
con tornillo de ajuste  
avec vis d'ajustage  
con vite di arresto



1/1

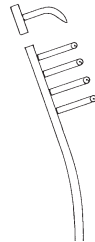
**12-116-07**  
7 cm / 2 6/8"



4:4

sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
55 mm



**12-116-10**  
10 cm / 3 7/8"



4:4

sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
70 mm



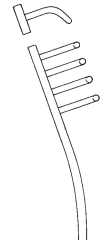
**12-117-07**  
7 cm / 2 6/8"



4:4

blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
55 mm



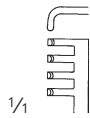
**12-117-10**  
10 cm / 3 7/8"



4:4

blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
70 mm



1/1

**12-118-10**



4:4

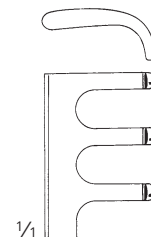
Blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
24 mm



1/2

**12-118-10**  
10 cm / 3 7/8"



1/1

**12-119-10**



3:3

with adjusting screw, blunt  
mit Stellschraube, stumpf  
con tornillo de ajuste, romo  
avec vis d'ajustage, mousse  
con vite di arresto, smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
47 mm



1/2

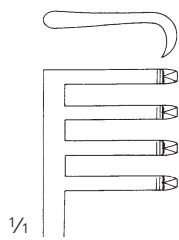
**Jansen**  
12-119-10  
10 cm / 3 7/8"

## Wound Spreaders, self-retaining



1/2

**Scalp-Contour**  
12-120-14  
12-121-14  
13.5 cm / 5 3/8"

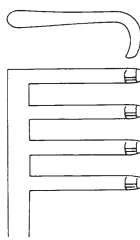


**12-120-14**  
13.5 cm / 5 3/8"



sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
55 mm



**12-121-14**  
13.5 cm / 5 3/8"



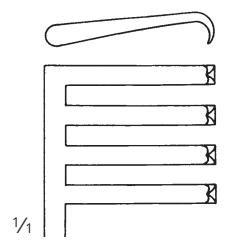
blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
55 mm



1/2

**Anderson-Adson**  
12-122-20  
19 cm / 7 4/8"



**12-122-20**  
19 cm / 7 4/8"



sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
84 mm

## Wound Spreaders, self-retaining

12



$\frac{1}{2}$

**Travers**  
**12-123-21**  
 21.5 cm / 8  $\frac{4}{8}$ "  
 blunt  
 stumpf  
 romo  
 mousse  
 smusso  
 spreading  
 Spreizweite  
 extensión  
 écartement  
 apertura  
 95 mm



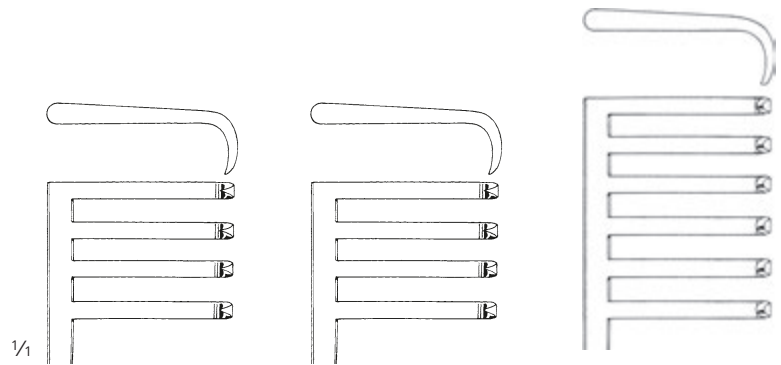
$\frac{1}{2}$

**Norfolk-Norwich**  
**12-124-22**  
 22 cm / 8  $\frac{5}{8}$ "  
 blunt  
 stumpf  
 romo  
 mousse  
 smusso  
 spreading  
 Spreizweite  
 extensión  
 écartement  
 apertura  
 110 mm

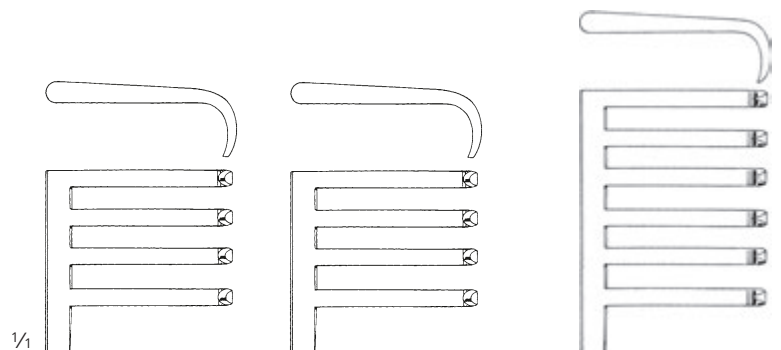
## Wound Spreaders, self-retaining



Weitlaner  
12-125-20  
12-126-26

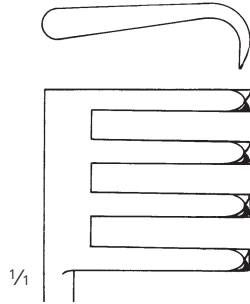


	12-125-20	12-125-24	12-125-26
sharp scharf agudo pointu acuto	20 cm / 7 <sup>7</sup> / <sub>8</sub> "	24 cm / 9 <sup>4</sup> / <sub>8</sub> "	25.5 cm / 10 "
	3:4	3:4	5:6
	90 mm	90 mm	90 mm



	12-126-20	12-126-24	12-126-26
blunt stumpf romo mousse smusso	20 cm / 7 <sup>7</sup> / <sub>8</sub> "	24 cm / 9 <sup>4</sup> / <sub>8</sub> "	25.5 cm / 10 "
	3:4	3:4	5:6
	90 mm	90 mm	90 mm

# Tangential Forceps, Kidney Pedicle Clamps

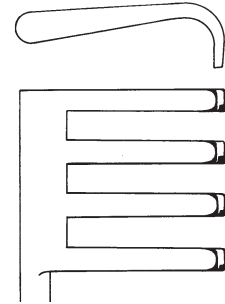


12-127-26  
26 cm / 10 <sup>2</sup>/<sub>8</sub> "



sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
100 mm



12-128-26  
26 cm / 10 <sup>2</sup>/<sub>8</sub> "



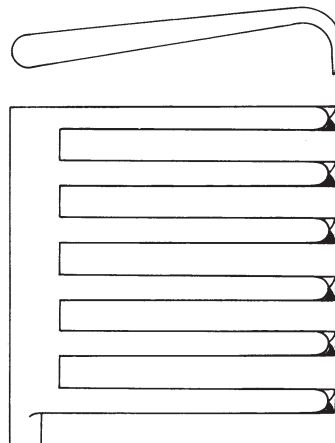
blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
100 mm



1/2

Adson  
12-127-26  
12-130-26

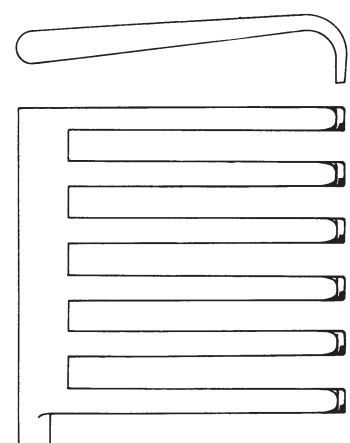


12-129-26  
29 cm / 11 <sup>3</sup>/<sub>8</sub> "



sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
110 mm



12-130-26  
29 cm / 11 <sup>3</sup>/<sub>8</sub> "



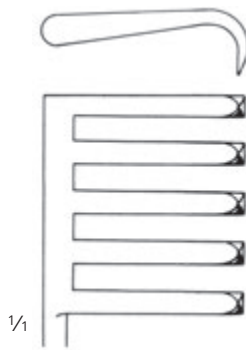
blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
110 mm

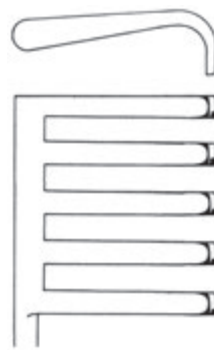
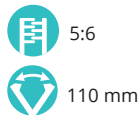
## Wound Spreaders, self-retaining



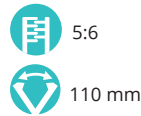
12-131-25  
12-132-25  
25.5cm / 10 "



12-131-25  
sharp  
scharf  
agudo  
pointu  
acuto



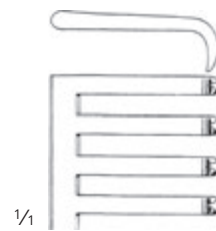
12-132-25  
blunt  
stumpf  
romo  
mousse  
smusso



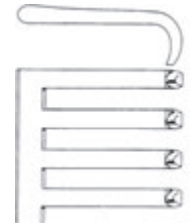
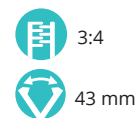
1/2



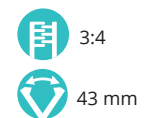
12-133-13  
12-134-13  
13.5 cm / 5 3/8 "



12-133-13  
sharp  
scharf  
agudo  
pointu  
acuto



12-134-13  
blunt  
stumpf  
romo  
mousse  
smusso



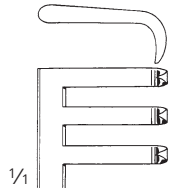
1/2



# Wound Spreaders, self-retaining



Weitlaner  
12-135-10  
12-136-10  
11 cm / 4 3/8"

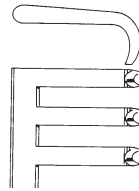


12-135-10



sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
40 mm

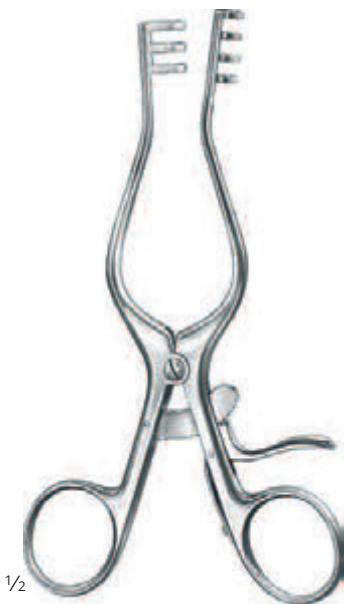


12-136-10

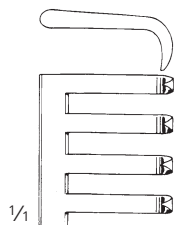


blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
40 mm



Weitlaner  
12-137-13  
12-138-16



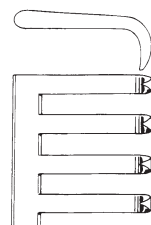
12-137-13

13.5 cm / 5 3/8"



sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
43 mm



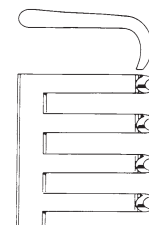
12-137-16

16 cm / 6 2/8"



sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
83 mm



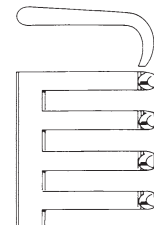
12-138-13

13.5 cm / 5 3/8"



blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
43 mm



12-138-16

16 cm / 6 2/8"



blunt  
stumpf  
romo  
mousse  
smusso

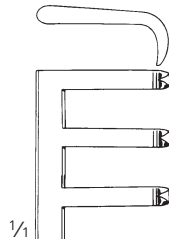
spreading  
Spreizweite  
extensión  
écartement  
apertura  
83 mm

## Wound Spreaders, self-retaining



1/2

**Weitlaner-Wullstein**  
12-139-13  
12-140-13  
13 cm / 5 1/8"



1/4

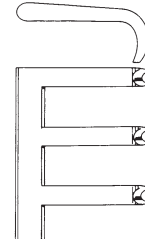
12-139-13



3:3

sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
40 mm



12-140-13



3:3

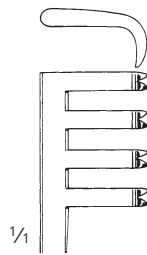
blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
40 mm



1/2

**Mollison**  
12-141-15  
15.5 cm / 6 1/8"



1/4

12-141-15



4:4

sharp  
scharf  
agudo  
pointu  
acuto

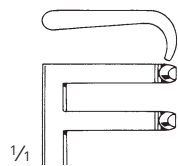
spreading  
Spreizweite  
extensión  
écartement  
apertura  
80 mm

# Wound Spreaders, self-retaining



1/2

Plester  
12-142-13  
12-143-13  
13 cm / 5 1/8"



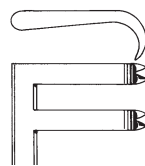
1/4

12-142-13



blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
37 mm



1/4

12-143-13



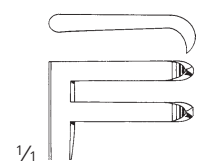
sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
37 mm



1/2

Plester  
12-144-11  
10.5 cm / 4 1/8"



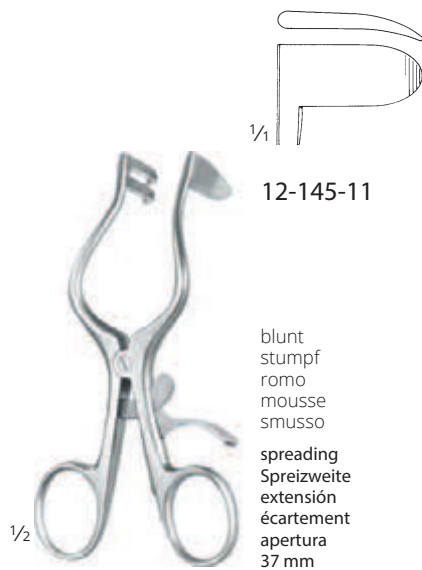
1/4

12-144-11

blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
37 mm

## Wound Spreaders, self-retaining

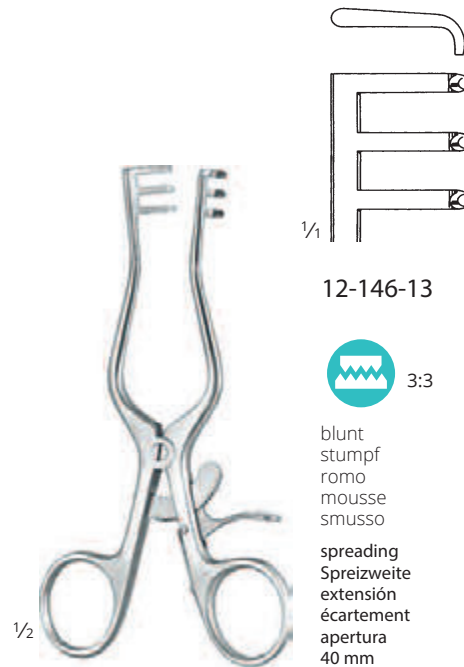


12-145-11

blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
37 mm

Plester  
12-145-11  
10.5 cm / 4 1/8"



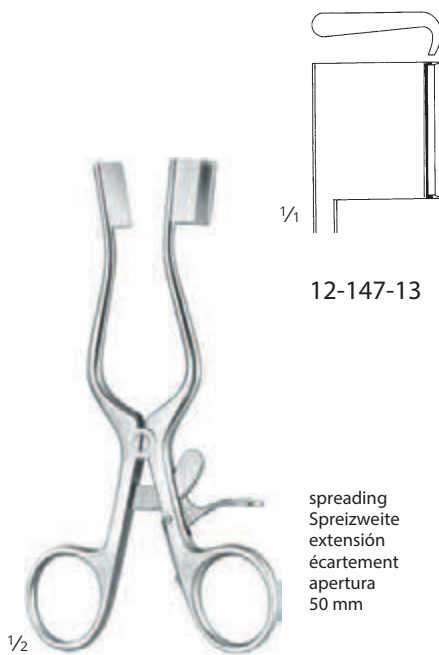
12-146-13



blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
40 mm

Milligan  
12-146-13  
13.5 cm / 5 3/8"



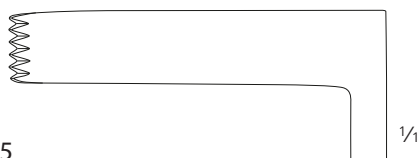
12-147-13

spreading  
Spreizweite  
extensión  
écartement  
apertura  
50 mm

Weitlaner-Baby  
12-147-13  
13.5 cm / 5 3/8"

## Wound Spreaders, self-retaining

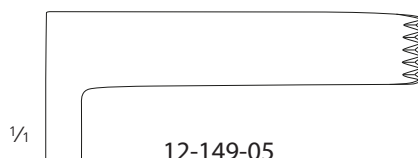
12



**12-148-05**

50 x 10 mm

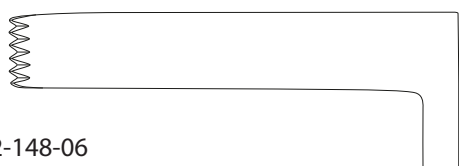
Valve links voll  
Blade left full  
Valva a la izquierda plena  
Valve sur le bras à gauche  
Valva sul braccio sinistro



**12-149-05**

50 x 10 mm

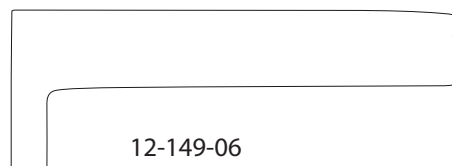
Valve rechts voll  
Blade rightfull  
Valva a la derecha plena  
Valve sur le bras à droite  
Valva sul braccio destro



**12-148-06**

60 x 10 mm

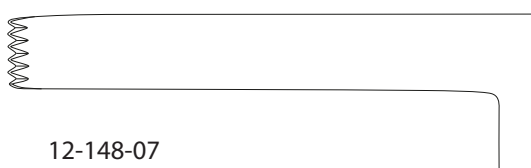
Valve links voll  
Blade left full  
Valva a la izquierda plena  
Valve sur le bras à gauche  
Valva sul braccio sinistro



**12-149-06**

60 x 10 mm

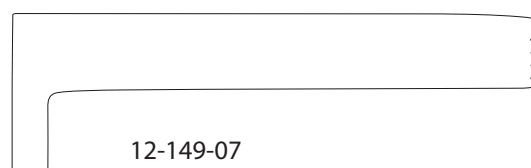
Valve rechts voll  
Blade rightfull  
Valva a la derecha plena  
Valve sur le bras à droite  
Valva sul braccio destro



**12-148-07**

70 x 10 mm

Valve links voll  
Blade left full  
Valva a la izquierda plena  
Valve sur le bras à gauche  
Valva sul braccio sinistro



**12-149-07**

70 x 10 mm

Valve rechts voll  
Blade rightfull  
Valva a la derecha plena  
Valve sur le bras à droite  
Valva sul braccio destro



**Williams**

**12-148-05**

**12-149-07**

17 cm / 6 <sup>6</sup>/<sub>8</sub> "



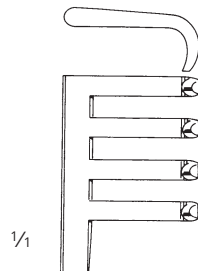
102 mm

## Wound Spreaders, self-retaining



Henley  
12-150-00  
12-151-00  
16.5 cm / 6 4/8"

komplett mit 3 Mittelvalven  
Art.-Nr. 12-150-19 , -25 und -32  
complete with 3 central blades  
ref. 12-150-19 , -25 and -32  
completo con 3 valvas centrales  
ref. 12-150-19 , -25 y -32  
complet avec 3 valves centrales  
réf. 12-150-19 , -25 et -32  
completo con 3 valve centrali  
rif. 12-150-19 , -25 e -32



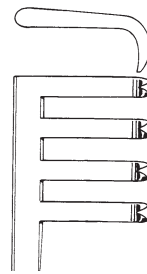
12-150-00



3:4

blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
85 mm



12-151-00



3:4

sharp  
scharf  
agudo  
pointu  
acuto

spreading  
Spreizweite  
extensión  
écartement  
apertura  
85 mm



12-150-19



12-150-00  
12-151-00

19 x 17 mm



12-150-25



12-150-00  
12-151-00

25 x 17 mm



12-150-32



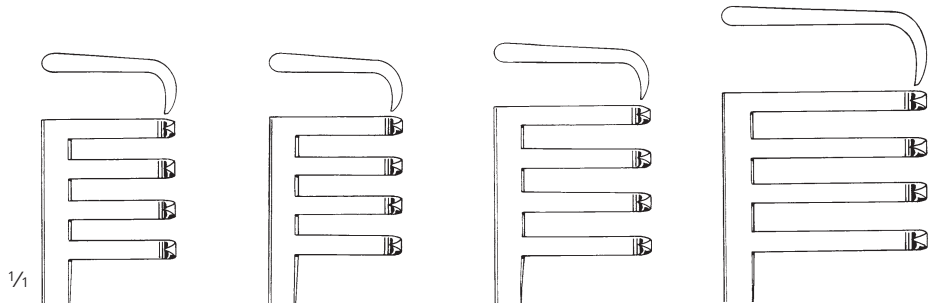
12-150-00  
12-151-00





32 x 17 mm

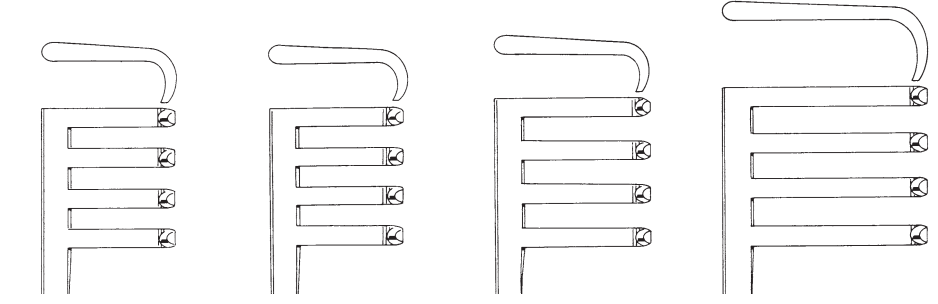
# Wound Spreaders, self-retaining







Adson  
12-152-13  
12-153-26

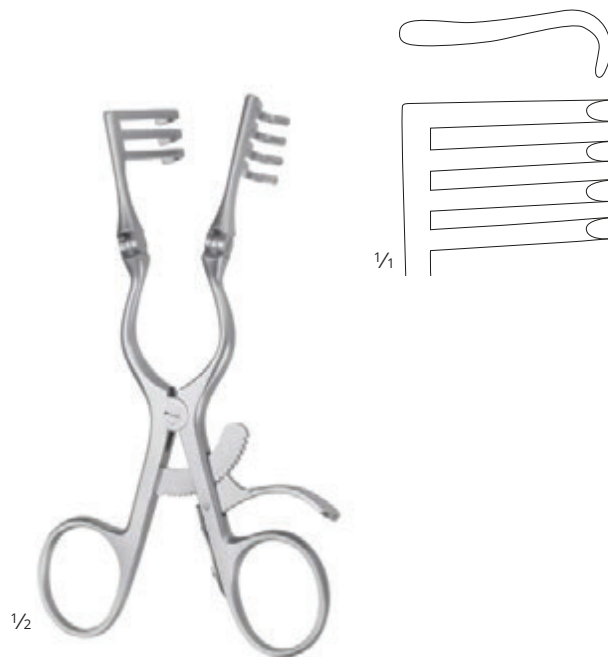


<p>1/1</p> <p><b>12-152-13</b> 14 cm / 5 4/8"</p> <p> 3:4</p> <p>sharp scharf agudo pointu acuto</p>	<p><b>12-152-16</b> 16.5 cm / 6 4/8"</p> <p> 3:4</p> <p>sharp scharf agudo pointu acuto</p>	<p><b>12-152-20</b> 21 cm / 8 2/8"</p> <p> 3:4</p> <p>sharp scharf agudo pointu acuto</p>	<p><b>12-152-26</b> 24.5 cm / 9 5/8"</p> <p> 3:4</p> <p>sharp scharf agudo pointu acuto</p>
---	--	--	--



<p>1/2</p> <p><b>12-153-13</b> 14 cm / 5 4/8"</p> <p> 3:4</p> <p>blunt stumpf romo mousse smusso</p>	<p><b>12-153-16</b> 16.5 cm / 6 4/8"</p> <p> 3:4</p> <p>blunt stumpf romo mousse smusso</p>	<p><b>12-153-20</b> 21 cm / 8 2/8"</p> <p> 3:4</p> <p>blunt stumpf romo mousse smusso</p>	<p><b>12-153-26</b> 24.5 cm / 9 5/8"</p> <p> 3:4</p> <p>blunt stumpf romo mousse smusso</p>
---	--	--	--

## Wound Spreaders, self-retaining



**Adson**  
**12-154-13**  
14 cm / 5  $\frac{4}{8}$  "  
blunt  
stumpf  
romo  
mousse  
smusso



3:4



60 mm



## Wound Spreaders, self-retaining

12



1/2

**Cloward**  
**12-155-00**

 149 mm

with 2 each plug-in blades

ref. 12-155-40 - 12-155-60

komplett mit je 2 Steckvalven

Art.-Nr. 12-155-40 - 12-155-60

con 2 valvas enchufables de c.u.

ref. 12-155-40 - 12-155-60

chacun avec 2 valves interchangeables

réf. 12-155-40 - 12-155-60

con 2 valve ad innesto

rif. 12-155-40 - 12-155-60



1/2

**12-155-40**  
4 cm / 1 5/8"



12-155-00 & 12-155-25

toothed, pair  
gezahnt, Paar  
dentado, par  
dentelé, paire  
dentato, paio



**12-155-45**  
4.5 cm / 1 6/8"



12-155-00 & 12-155-25

toothed, pair  
gezahnt, Paar  
dentado, par  
dentelé, paire  
dentato, paio



**12-155-50**  
5 cm / 2"



12-155-00 & 12-155-25

toothed, pair  
gezahnt, Paar  
dentado, par  
dentelé, paire  
dentato, paio



**12-155-55**  
5.5 cm / 2 1/8"



12-155-00 & 12-155-25

toothed, pair  
gezahnt, Paar  
dentado, par  
dentelé, paire  
dentato, paio



**12-155-60**  
6 cm / 2 3/8"



12-155-00 & 12-155-25

toothed, pair  
gezahnt, Paar  
dentado, par  
dentelé, paire  
dentato, paio

**12-155-25**  
25 cm / 9 7/8"

Spreader only  
Sperrer allein  
Separador suelto  
Ecarteur seul  
Divaricatore solo

## Wound Spreaders, self-retaining



1/2

### Cloward 12-156-00

with 2 each plug-in blades

ref. 12-156-40 - 12-156-60

komplett mit je 2 Steckvalven

Art.-Nr. 12-156-40 - 12-156-60

con 2 valvas enchufables de c.u.

ref. 12-156-40 - 12-156-60

chacun avec 2 valves interchangeables

réf. 12-156-40 - 12-156-60

con 2 valve ad innesto

rif. 12-156-40 - 12-156-60



**12-156-40**  
4 cm / 1 5/8"



12-156-00 & 12-156-15

smooth, pair  
glatt, Paar  
lisa, par  
lisse, paire  
liscio, paio



**12-156-45**  
4.5 cm / 1 6/8"



12-156-00 & 12-156-15

smooth, pair  
glatt, Paar  
lisa, par  
lisse, paire  
liscio, paio



**12-156-50**  
5 cm / 2"



12-156-00 & 12-156-15

smooth, pair  
glatt, Paar  
lisa, par  
lisse, paire  
liscio, paio



**12-156-55**  
5.5 cm / 2 1/8"



12-156-00 & 12-156-15

smooth, pair  
glatt, Paar  
lisa, par  
lisse, paire  
liscio, paio



**12-156-60**  
6 cm / 2 3/8"



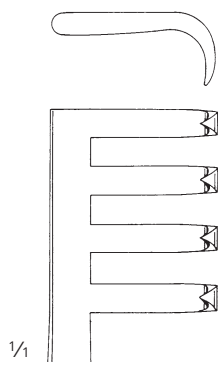
12-156-00 & 12-156-15

smooth, pair  
glatt, Paar  
lisa, par  
lisse, paire  
liscio, paio

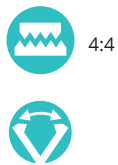
**12-156-15**  
15 cm / 5 7/8"  
Spreader only  
Sperrer allein  
Separador suelto  
Ecarteur seul  
Divaricatore solo

## Wound Spreaders, self-retaining

12

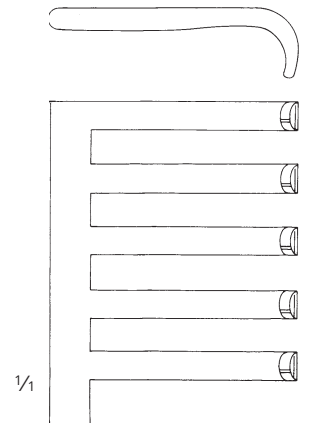


12-157-32



1/2

**Beckmann**  
 12-157-32  
 32cm / 12 5/8"  
 sharp  
 scharf  
 agudo  
 pointu  
 acuto



12-158-33



1/2

**Adson**  
 12-158-33  
 33cm / 13"  
 blunt  
 stumpf  
 romo  
 mousse  
 smusso

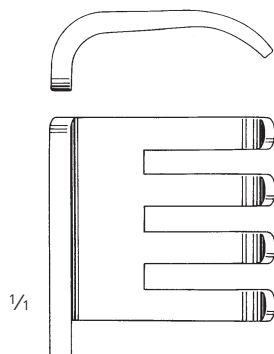
## Wound Spreaders, self-retaining



Beckman-Adson  
12-159-00  
12-159-03



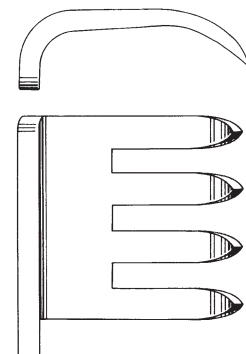
142 mm



12-159-00  
31 cm / 12 2/8 "



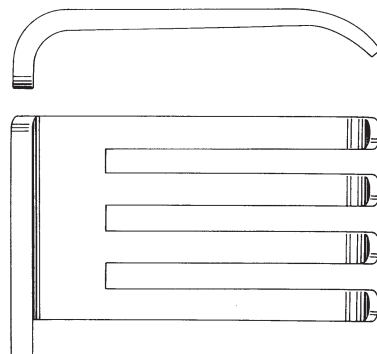
blunt  
stumpf  
romo  
mousse  
smusso



12-159-01  
31 cm / 12 2/8 "



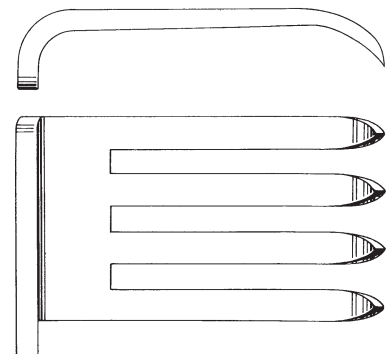
sharp  
scharf  
agudo  
pointu  
acuto



12-159-02  
30.5 cm / 12 "



blunt  
stumpf  
romo  
mousse  
smusso



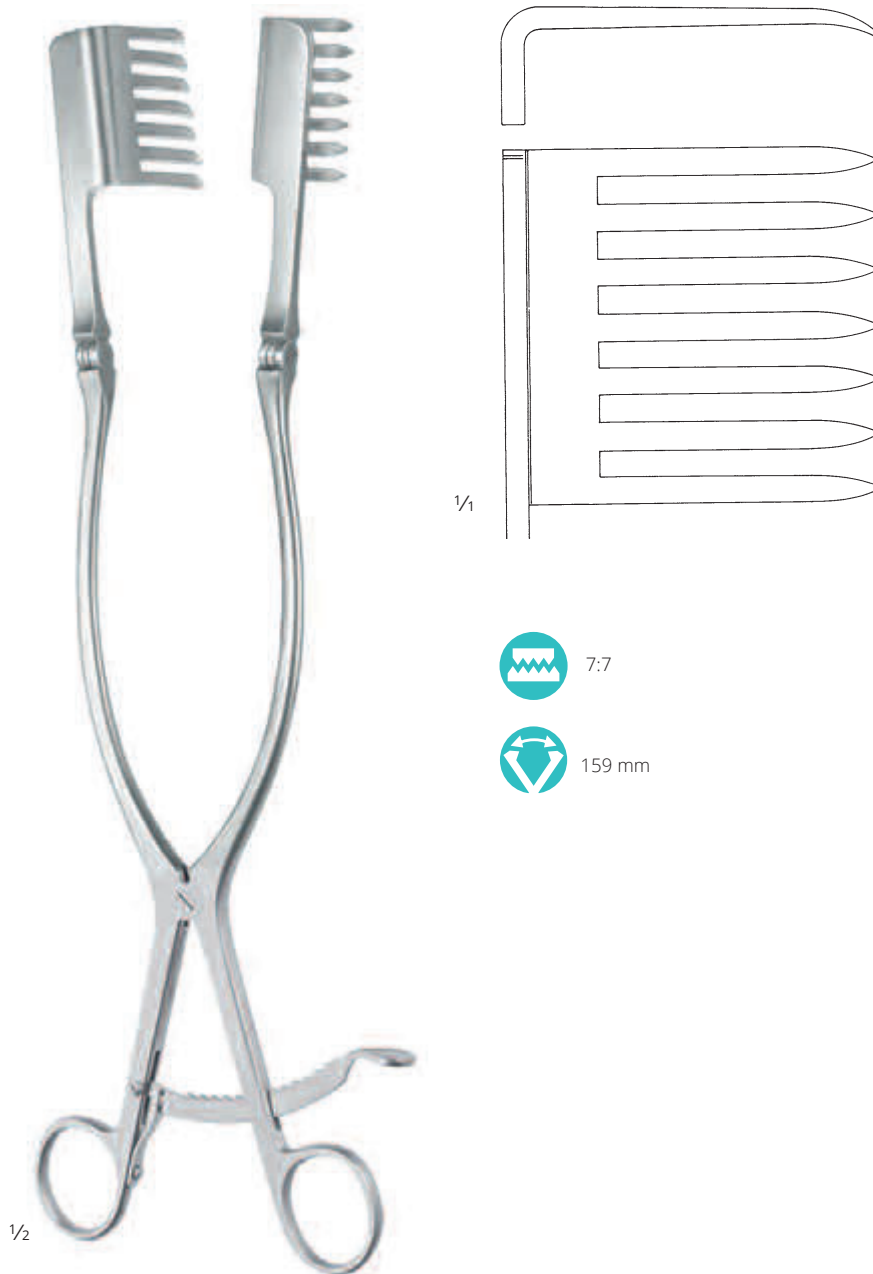
12-159-03  
30.5 cm / 12 "



sharp  
scharf  
agudo  
pointu  
acuto

## Wound Spreaders, self-retaining

12

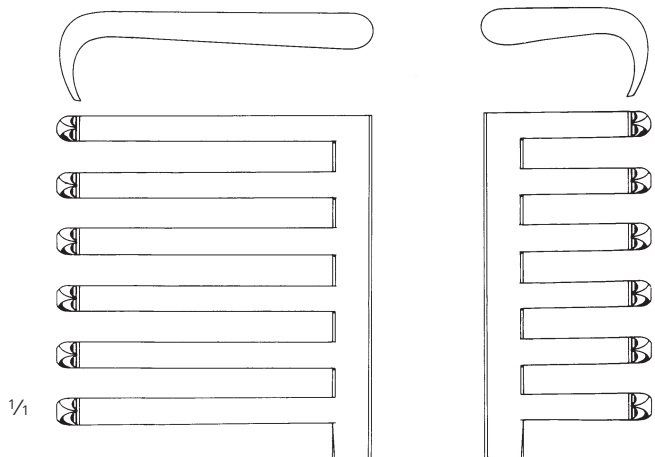


**Beckman-Eaton**  
**12-160-32**  
32 cm / 12 <sup>5</sup>/<sub>8</sub>"  
sharp  
scharf  
agudo  
pointu  
acuto

## Wound Spreaders, self-retaining



**Martin**  
 12-161-01  
 12-161-02  
 28.5 cm / 11 <sup>2</sup>/<sub>8</sub> "



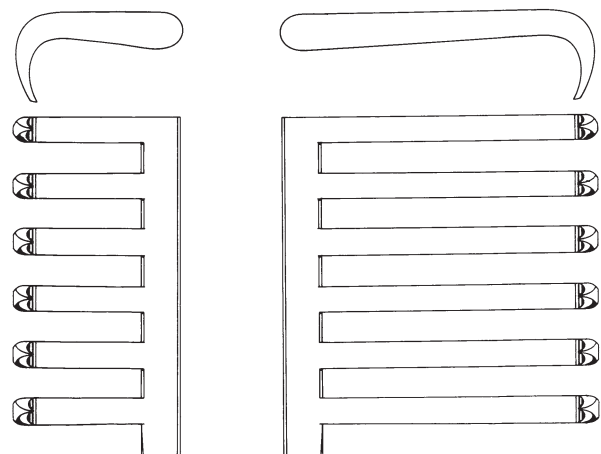
12-161-01



6:6

sharp, long teeth on left side  
 scharf, lange Zähne links  
 agudo, garfios largos a la izquierda  
 pointu, griffes longues à gauche  
 acuto, denti lunghe a sinistra

spreading  
 Spreizweite  
 extensión  
 écartement  
 apertura  
 145 mm



12-161-02

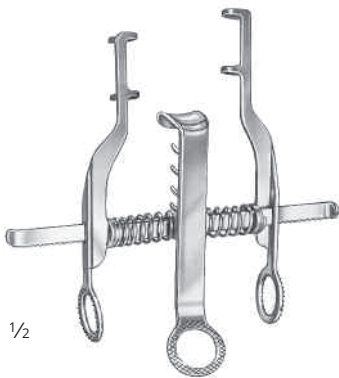


6:6

sharp, long teeth on right side  
 scharf, lange Zähne rechts  
 agudo, garfios largos a la derecha  
 pointu, griffes longues à droite  
 acuto, denti lunghe a destra

spreading  
 Spreizweite  
 extensión  
 écartement  
 apertura  
 145 mm

## Wound Spreaders, self-retaining



1/2

### Vickers Low-Profile

**12-162-00**

6 cm / 2 <sup>3</sup>/<sub>8</sub>"

complete, with central blade ref.  
komplett, mit Mittelvalve Art.-Nr.  
completo, con valva central ref.  
complet, avec valve centrale réf.  
completo, con valva centrale rif.

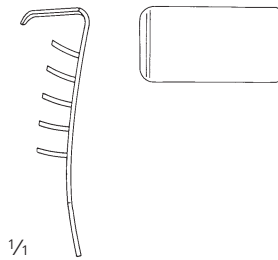
V12-162-01



2:2

blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
25 mm

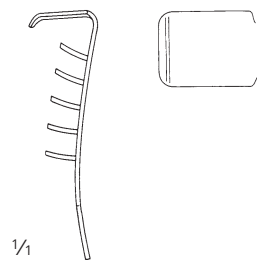


1/4

**12-162-01**

Central Blades  
Mittelvalven  
Valvas centrales  
Valves centrales  
Valve centrali

10 x 18 mm

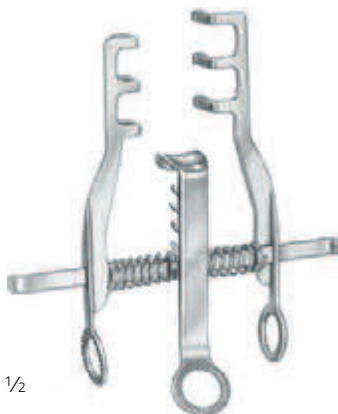


1/4

**12-162-02**

Central Blades  
Mittelvalven  
Valvas centrales  
Valves centrales  
Valve centrali

12 x 10 mm



1/2

### Vickers Low-Profile

**12-163-00**

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

complete, with central blade ref.  
komplett, mit Mittelvalve Art.-Nr.  
completo, con valva central ref.  
complet, avec valve centrale réf.  
completo, con valva centrale rif.

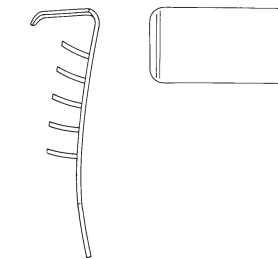
V12-163-01



3:3

blunt  
stumpf  
romo  
mousse  
smusso

spreading  
Spreizweite  
extensión  
écartement  
apertura  
25 mm

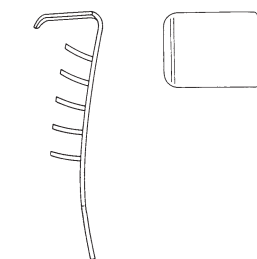


1/4

**12-163-01**

Central Blades  
Mittelvalven  
Valvas centrales  
Valves centrales  
Valve centrali

10 x 18 mm



1/4

**12-163-02**

Central Blades  
Mittelvalven  
Valvas centrales  
Valves centrales  
Valve centrali

12 x 10 mm

## Wound Spreaders, self-retaining



1/2

### Vickers Low-Profile

**12-164-00**

7.5 cm / 3 "

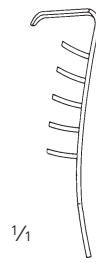
complete, with central blade ref.  
komplett, mit Mittelvalve Art.-Nr.  
completo, con valva central ref.  
complet, avec valve centrale réf.  
completo, con valva centrale rif.

V12-164-01

spreading  
Spreizweite  
extensión  
écartement  
apertura  
25 mm

### 12-164-90

Spring  
Feder  
Pluma  
Plume  
Piuma

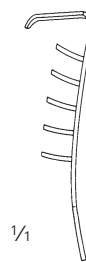


1/1

### 12-164-01

Central Blades  
Mittelvalven  
Valvas centrales  
Valves centrales  
Valve centrali

10 x 18 mm



1/1

### 12-164-02

Central Blades  
Mittelvalven  
Valvas centrales  
Valves centrales  
Valve centrali

12 x 10 mm



12-164-00



1/2

### Vickers

**12-165-01**

5 cm / 3 "

blunt, ring model, for thumb and fingers  
stumpf, Ringmodell, für Daumen und Finger  
romo, forma de anillo, para pulgar y dedos  
mousse, modèle anneau, pour pouce et doigts  
smusso, modello anulare, per pollice e le dita



## Wound Spreaders, self-retaining

12



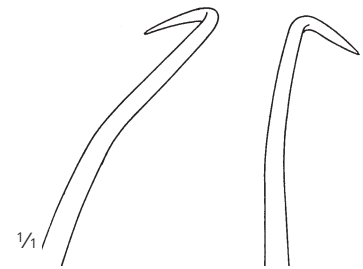
1/2

**Joll**  
**12-166-00**  
 15.5 cm / 6 1/8"  
 Thyroid and Vaginal retractor  
 Thyreoid- und Vulva-Spreizer  
 Separador para tiroides y vagina  
 Ecarteur pour thyroïde et vulva  
 Divaricatore per tiroide e vagina



1/2

**Gelpi**  
**12-167-13**  
 13 cm / 5 1/8"



1/4



1:1

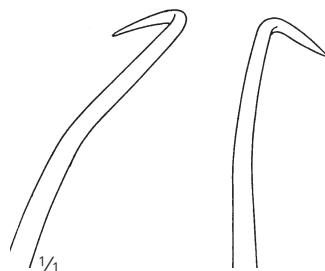


78mm



1/2

**Gelpi**  
**12-168-18**  
 18 cm / 7 1/8"



1/4



1:1

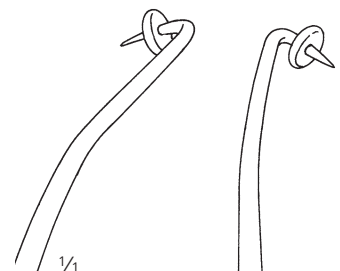


103mm



1/2

**Gelpi**  
**12-169-18**  
 18.5 cm / 7 2/8"



1/4



1:1



103mm

## Wound Spreaders, self-retaining



1/2

### Collin Baby

12-170-00

18 cm / 7 1/8"

complete, with 2 pairs of lateral blades ref.12-177-18 (18 x 40 mm) and 12-177-27 (27 x 40 mm)

komplett, mit 2 Paar Seitenvalven Art.-Nr.12-177-18

(18 x 40 mm) und V12-177-27 (27 x 40 mm)

completo, con 2 pares de valvas laterales ref.12-177-18

(18 x 40 mm) y 12-177-27 (27 x 40 mm)

complet, avec 2 paires de valves latérales réf. 12-177-18 (18 x 40 mm) et 12-177-27 (27 x 40 mm)

completo, con 2 paia di valve laterali ref.12-177-18

(18 x 40 mm) e 12-177-27 (27 x 40 mm)

spreading  
Spreizweite  
extensión  
écartement  
apertura



60 mm



1/2

### Collin

12-171-00

20 cm / 7 7/8"

complete, with 1 pair of lateral blades ref.12-177-38 (38 x 60 mm)

komplett, mit 1 Paar Seitenvalven

Art.-Nr. 12-177-38 (38 x 60 mm)

completo, con 1 par de valvas laterales

ref.12-177-38 (38 x 60 mm)

complet, avec 1 paire de valves latérales

réf. 12-177-38 (38 x 60 mm)

completo, con 1 paio di valve laterali

rif. 12-177-38 (38 x 60 mm)

spreading  
Spreizweite  
extensión  
écartement  
apertura



80 mm

## Abdominal Retractors

12



**12-172-90**  
central blad  
Mittelvalve  
valva central  
valve centrale  
valva centrale



12-172-00

**12-173-90**  
central blad  
Mittelvalve  
valva central  
valve centrale  
valva centrale



12-173-00

### Collin

**12-172-00**

20 cm / 7 <sup>7</sup>/<sub>8</sub>"

complete, with 1 pair of lateral blades ref. **12-177-38** (38 x 60 mm) and central blade ref. **12-172-90-98** (38 x 55 mm)  
komplett, mit 1 Paar Seitenvalven Art.-Nr. **12-177-38** (38 x 60 mm) und Mittelvalve Art.-Nr. **12-172-90-98** (38 x 55 mm)  
completo, con 1 par de valvas laterales ref. **12-177-38** (38 x 60 mm) y valva central ref. **12-172-90-98** (38 x 55 mm)  
complet, avec 1 paire de valves latérales réf. **12-177-38** (38 x 60 mm) et valve centrale réf. **12-172-90-98** (38 x 55 mm)  
completo, con 1 paio di valva laterali rif. **12-177-38** (38 x 60 mm) e valva centrale rif. **12-172-90-98** (38 x 55 mm)

spreading  
Spreizweite  
extensión  
écartement  
apertura



100 mm

### Collin

**12-173-00**

20 cm / 7 <sup>7</sup>/<sub>8</sub>"

complete, with 1 pair of lateral blades ref. **12-177-45** (45 x 80 mm) and central blade ref. **12-173-90-98** (50 x 75 mm)  
komplett, mit 1 Paar Seitenvalven Art.-Nr. **12-177-45** (45 x 80 mm) und Mittelvalve Art.-Nr. **12-173-90-98** (50 x 75 mm)  
completo, con 1 par de valvas laterales ref. **12-177-45** (45 x 80 mm) y valva central ref. **12-173-90-98** (50 x 75 mm)  
complet, avec 1 paire de valves latérales réf. **12-177-45** (45 x 80 mm) et valve centrale réf. **12-173-90-98** (50 x 75 mm)  
completo, con 1 paio di valva laterali rif. **12-177-45** (45 x 80 mm) e valva centrale rif. **12-173-90-98** (50 x 75 mm)

spreading  
Spreizweite  
extensión  
écartement  
apertura



100 mm

## Abdominal Retractors



**12-174-90**  
 central blad  
 Mittelvalve  
 valva central  
 valve centrale  
 valva centrale



12-174-00

1/2

**Collin**

**12-174-00**

31cm / 12 2/8"

complete, with 1 pair of lateral blades ref. 12-177-60

(60 x 80 mm) and central blade ref. 12-174-90-98 (60 x 75 mm)

komplett, mit 1 Paar Seitenvalven Art.-Nr. 12-177-60

(60 x 80 mm) und Mittelvalve Art.-Nr. 12-174-90-98 (60 x 75 mm)

completo, con 1 par de valvas laterales ref. 12-177-60

(60 x 80 mm) y valva central ref. 12-174-90-98 (60 x 75 mm)

complet, avec 1 paire de valves latérales réf. 12-177-60

(60 x 80 mm) et valve centrale réf. 12-174-90-98 (60 x 75 mm)

completo, con 1 paio di valve laterali rif. 12-177-60

(60 x 80 mm) e valva centrale réf. 12-174-90-98 (60 x 75mm)

spreading  
 Spreizweite  
 extensión  
 écartement  
 apertura



140 mm

## Abdominal Retractors

12



### Ricard 12-175-00

complete with 1 pair of lateral blades ref. 12-177-90  
and central blade ref. 12-176-02  
komplett mit 1 Paar Seitenvalven Art.-Nr. 12-177-90  
und Mittelvalve Art.-Nr. 12-176-02  
completo con 1 par de valvas laterales ref. 12-177-90  
y valva central ref. 12-176-02  
complet avec 1 paire de valves latérales ref. 12-177-90  
et valve centrale ref. 12-176-02  
completo con 1 paio di valve laterali rif. 12-177-90  
e valva centrale rif. 12-176-02

### Ricard 12-175-01

Spreader, only  
Sperrer, allein  
Bastidor, suelto  
Ecarteur, seule  
Divaricatore, solo



### Ricard 12-176-00

complete with 1 pair of lateral blades ref. 12-177-92  
and central blade ref. 12-176-04  
komplett mit 1 Paar Seitenvalven Art.-Nr. 12-177-92  
und Mittelvalve Art.-Nr. 12-176-04  
completo con 1 par de valvas laterales ref. 12-177-92  
y valva central ref. 12-176-04  
complet avec 1 paire de valves latérales ref. 12-177-92  
et valve centrale ref. 12-176-04  
completo con 1 paio di valve laterali rif. 12-177-92  
e valva centrale rif. 12-176-04



**12-176-02**  
Central Blade  
Mittelvalve  
Valva central  
Valva central  
Valva centrale  
55 x 70 mm

**12-176-04**  
Central Blade  
Mittelvalve  
Valva central  
Valva central  
Valva centrale  
80 x 90 mm



**12-177-90**  
piece  
Stück  
pieza  
pièce  
pezzo



**12-177-92**  
piece  
Stück  
pieza  
pièce  
pezzo



# Lateral Blades

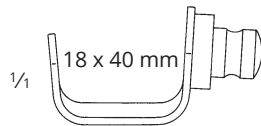


12-177-18 - 12-177-60

➔ 12-175-00  
12-176-00  
28-020-00

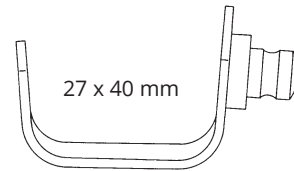
12-177-18

➔ 12-175-00  
12-176-00  
28-020-00



12-177-27

➔ 12-175-00  
12-176-00  
28-020-00



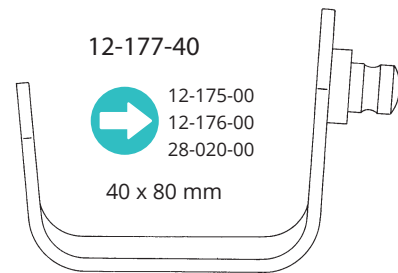
12-177-38

➔ 12-175-00  
12-176-00  
28-020-00



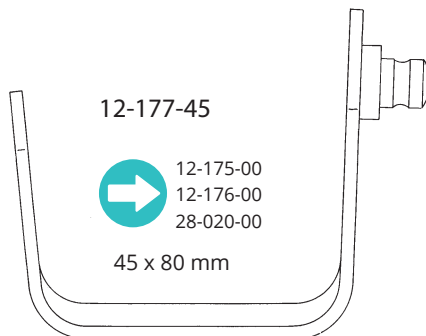
12-177-40

➔ 12-175-00  
12-176-00  
28-020-00



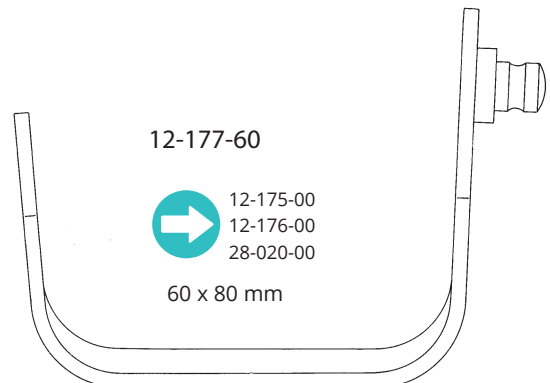
12-177-45

➔ 12-175-00  
12-176-00  
28-020-00



12-177-60

➔ 12-175-00  
12-176-00  
28-020-00



# Lateral Blades



1/2

12-177-50 - 12-177-94

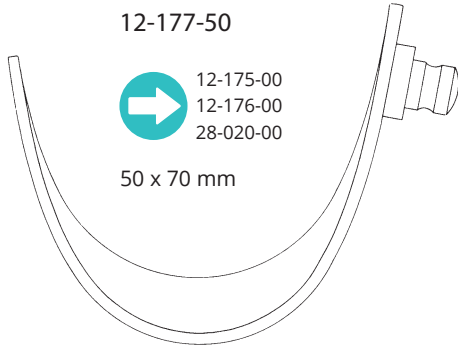


12-177-50



12-175-00  
12-176-00  
28-020-00

50 x 70 mm

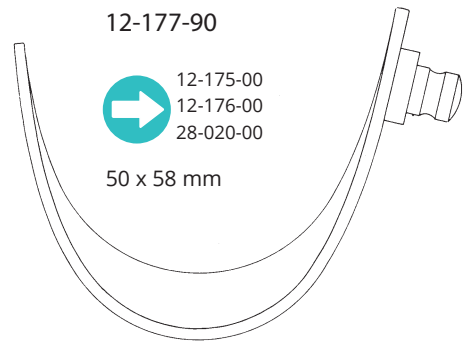


12-177-90



12-175-00  
12-176-00  
28-020-00

50 x 58 mm

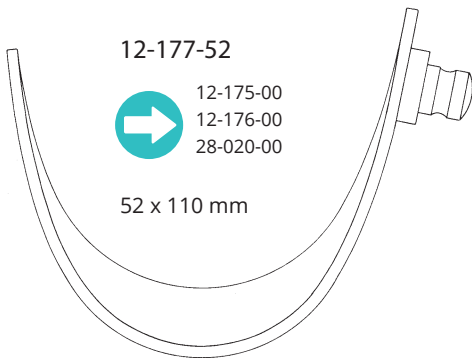


12-177-52



12-175-00  
12-176-00  
28-020-00

52 x 110 mm

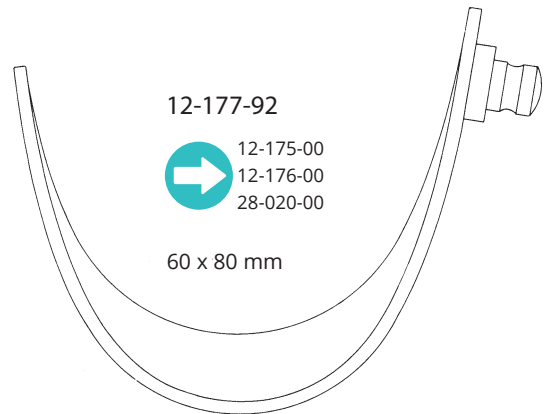


12-177-92



12-175-00  
12-176-00  
28-020-00

60 x 80 mm

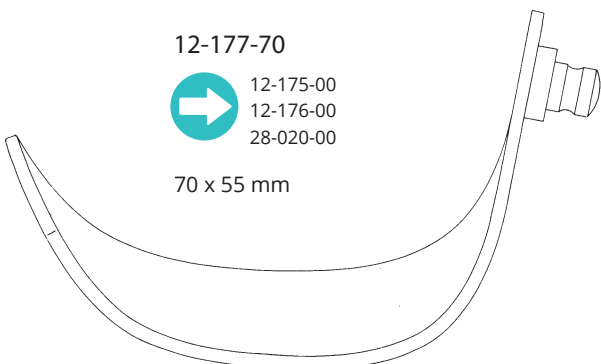


12-177-70



12-175-00  
12-176-00  
28-020-00

70 x 55 mm

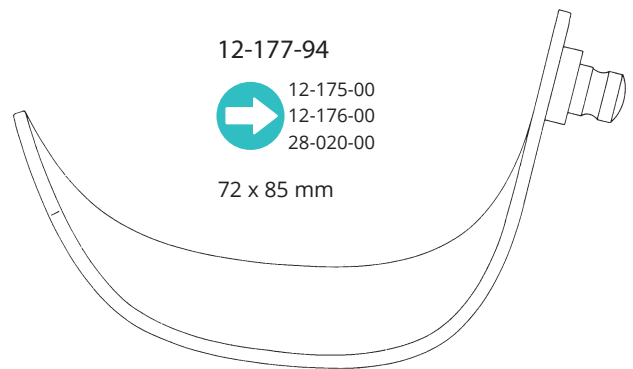


12-177-94



12-175-00  
12-176-00  
28-020-00

72 x 85 mm



## Abdominal Retractors



### Gosset

12-178-00 - 12-178-91

16.5 cm / 6 4/8"

lateral blades 63 x 35 mm,

1 central blade 60 x 56 mm

Seitenvalven 63 x 35 mm,

1 Mittelvalve 60 x 56 mm

valvas laterales 63 x 35 mm,

1 valva central 60 x 56 mm

valves latérales 63 x 35 mm,

1 valve centrale 60 x 56 mm

valve laterali 63 x 35 mm,

1 valva centrale 60 x 56 mm

spreading  
Spreizweite  
extensión  
écartement  
apertura



160 mm



lateral blades  
Seitenvalven  
valvas laterales  
valve laterali  
40 x 30 mm  
spreading  
Spreizweite  
extensión  
écartement  
apertura



120 mm

### Gosset - Baby

12-178-12

12.5 cm / 4 7/8"

### 12-178-91

Incision Scissors  
Inzisionsschere  
Tijera para incisiones  
Ciseaux à incision  
Forbici per incisione

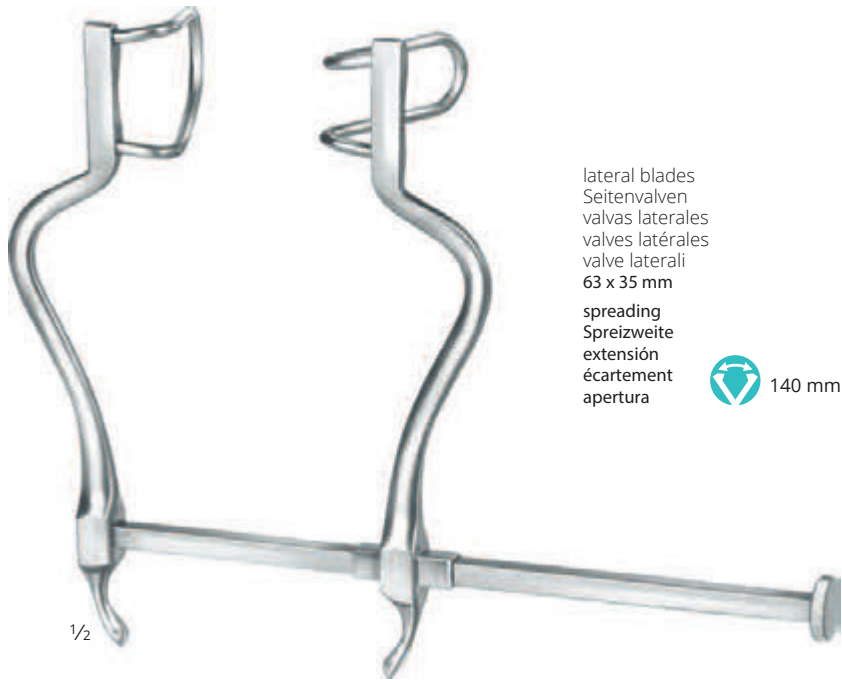


12-178-00

60 x 56 mm



# Abdominal Retractors



lateral blades  
 Seitenvalven  
 valvas laterales  
 valves latérales  
 valve laterali  
 63 x 35 mm  
 spreading  
 Spreizweite  
 extensión  
 écartement  
 apertura

 140 mm

1/2

**Gosset**  
 12-179-00  
 18.5 cm / 7 2/8"



**12-180-92**  
 12.5 cm / 4 7/8"  
 central blade  
 Mittelvalve  
 valva centrale  
 valve centrale  
 vlava centrale  
 24 x 20 mm  
 spreading  
 Spreizweite  
 extensión  
 écartement  
 apertura

 80 mm

 12-180-00  
 24 x 20 mm

1/2

**Balfour-Baby**  
 12-180-00  
 12-180-92  
 12.5 cm / 4 7/8"

## Abdominal Retractors



spreading  
Spreizweite  
extensión  
écartement  
apertura



160 mm

1/2

### **Balfour**

**12-181-00**

23 cm / 9"

lateral blades 70 x 35 mm,

1 central blade ref. 12-185-01

Seitenvalven 70 x 35 mm,

1 Mittelvalve Art.-Nr. 12-185-01

valvas laterales 70 x 35 mm,

1 valva central ref. 12-185-01

valves latérales 70 x 35 mm,

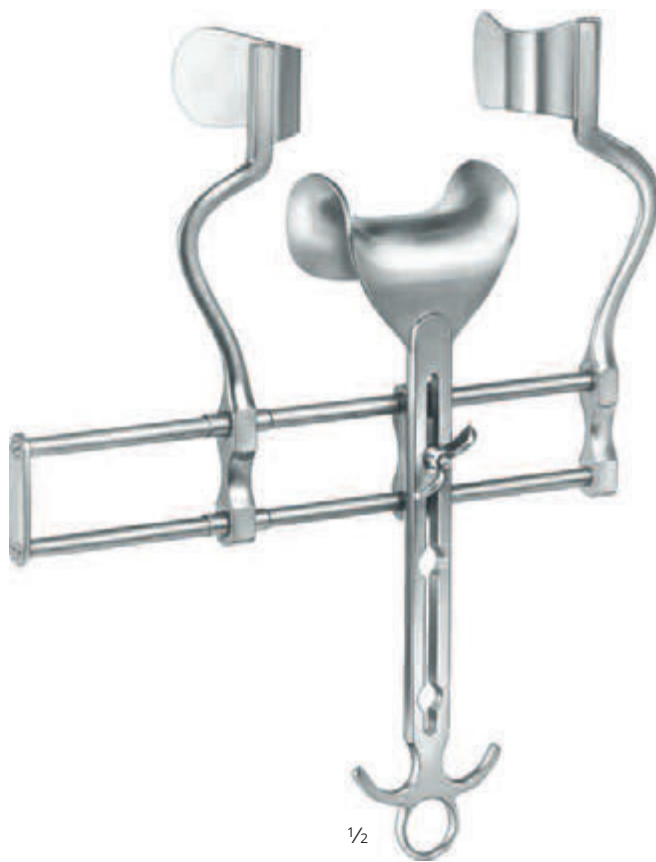
1 valve centrale réf. 12-185-01

valve laterali 70 x 35 mm,

1 valva centrale rif. 12-185-01

## Abdominal Retractors

12



spreading  
Spreizweite  
extensión  
écartement  
apertura



160 mm

1/2

### Balfour

12-182-00

23 cm / 9"

lateral blades 70 x 35 mm,

1 central blade ref. 12-185-01

Seitenvalven 70 x 35 mm,

1 Mittelvalve Art.-Nr. 12-185-01

valvas laterales 70 x 35 mm,

1 valva central ref. 12-185-01

valves latérales 70 x 35 mm,

1 valve centrale réf. 12-185-01

valve laterali 70 x 35 mm,

1 valva centrale rif. 12-185-01

## Abdominal Retractors



1/2

spreading  
Spreizweite  
extensión  
écartement  
apertura



180 mm

**12-183-90**

central blade  
Mittelvalve  
valva central  
vlave centrale  
vlava centrale



12-183-00

100 x 70 mm

**12-183-91**

central blade  
Mittelvalve  
valva central  
vlave centrale  
vlava centrale



12-183-00

100 x 60 mm

### Balfour

**12-183-00 - 12-183-91**

24 cm / 9 4/8"

lateral blades 100 x 35 mm,

1 central blade ref. **12-183-91** (100 x 60 mm)

Seitenvalven 100 x 35 mm,

1 Mittelvalve Art.-Nr. **12-183-91** (100 x 60 mm)

valvas laterales 100 x 35 mm,

1 valva central ref. **12-183-91** (100 x 60 mm)

valves latérales 100 x 35 mm,

1 valve centrale réf. **12-183-91** (100 x 60 mm)

valve laterali 100 x 35 mm,

1 valva centrale rif. **12-183-91** (100 x 60 mm)

## Abdominal Retractors

12



spreading  
Spreizweite  
extensión  
écartement  
apertura



230 mm

### Balfour-Standard

**12-184-00**

30 cm / 11 <sup>6</sup>/<sub>8</sub>"

Seitenvalven 100 x 35 mm,

1 Mittelvalve Art.-Nr. 12-185-02

lateral blades 100 x 35 mm,

1 central blade ref. 12-185-02

valvas laterales 100 x 35 mm,

1 valva central ref. 12-185-02

valves latérales 100 x 35 mm,

1 valve centrale réf. 12-185-02

valve laterali 100 x 35 mm,

1 valva centrale rif. 12-185-02

## Central Blades



1/2

**Balfour**  
12-185-01  
12-186-06



12-185-01  
45 x 80 mm

12-185-02  
68 x 85 mm

12-185-06  
40 x 68 mm

## Abdominal Retractors

12



**Balfour, Mod. USA**

**12-187-00 - 12-187-08**

25 cm / 9 <sup>7</sup>/<sub>8</sub> "

with 1 pair each of lateral blades ref. 12-187-06

and 12-187-08 and 1 central blade ref. 12-185-02

mit je 1 Paar Seitenvlaven Art.-Nr. 12-187-06

und 12-187-08 und 1 Mittelvalve Art.-Nr. 12-185-02

con 1 par de valvas laterales ref. 12-187-06

y 12-187-08 y 1 valva central ref. 12-185-02

avec 1 paire de valves latérales réf. 12-187-06

et 12-187-08 et valve centrale réf. 12-185-02

con 1 paio di valve laterale rif. 12-187-06

e 12-187-08 e valve ventrale rif. 12-185-02

**12-187-00**

25 cm / 9 <sup>7</sup>/<sub>8</sub> "

spreading  
Spreizweite  
extensión  
écartement  
apertura



190 mm



**12-187-06**

6 cm / 2 <sup>3</sup>/<sub>8</sub> "

Fenestrated Blades  
60 mm deep (pair) Drahtvalven  
60 mm tief (Paar)  
Valvas de alambre  
60 mm de profundidad (par)  
Valves en fil  
profondeur 60 mm (paire)  
Valve di filo  
profondità 60 mm (paio)



**12-187-08**

8 cm / 3 <sup>1</sup>/<sub>8</sub> "

Fenestrated Blades  
80 mm deep (pair) Drahtvalven  
80 mm tief (Paar)  
Valvas de alambre  
80 mm de profundidad (par)  
Valves en fil  
profondeur 80 mm (paire)  
Valve di filo  
profondità 80 mm (paio)

## Abdominal Retractors



**12-188-90**

central blade  
Mittelvalve  
valva central  
valve centrale  
vlava centrale



**12-180-00**

80 x 45mm

**12-188-91**

central blade  
Mittelvalve  
valva central  
valve centrale  
vlava centrale



**12-180-00**

110 x 70 mm

### O'Sullivan-O'Connor 12-188-00 - 12-188-91

20 cm / 7 <sup>7</sup>/<sub>8</sub> "

with 2 fixed lateral blades, 1 blade 110 x 70 mm and 2 blades 80 x 45 mm

ref. **12-188-90** and **12-188-91**

mit 2 festen Seitenvlaven, 1 Valve 110 x 70 mm und 2 Valven 80 x 45 mm

Art.-Nr. **12-188-90** und **12-188-91**

con 2 vlavas laterales fijas, 1 valva 110 x 70 mm, y 2 valvas 80 x 45 mm

ref. **12-188-90** und **12-188-91**

avec 2 valves latérales fixes, 1 valve 110 x 70 mm, et 2 vlaves 80 x 45 mm

réf. **12-188-90** und **12-188-91**

con 2 valve laterali fisse, 1 valva 110 x 70 mm, e 2 valve 80 x 45 mm

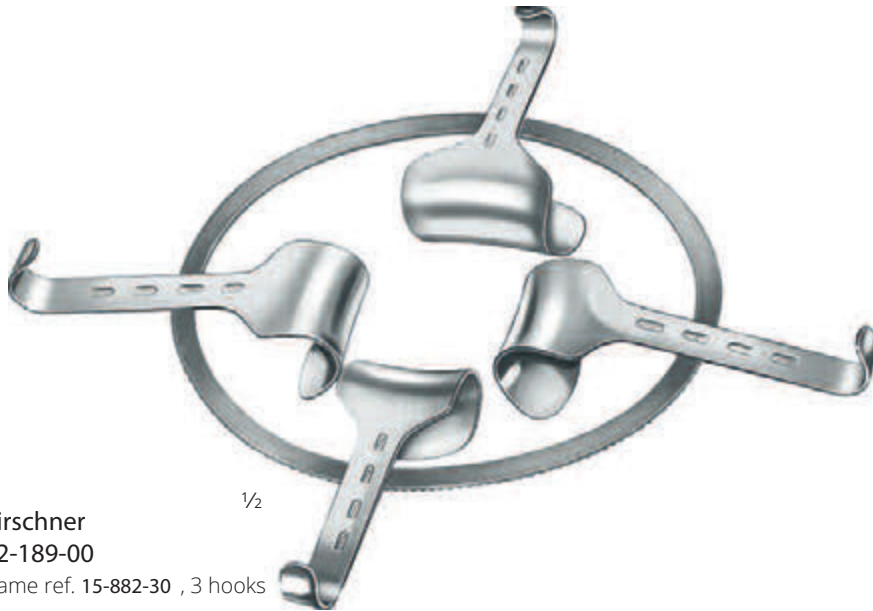
rif. **12-188-90** und **12-188-91**



190 mm



# Abdominal Retractors



**Kirschner  
12-189-30**

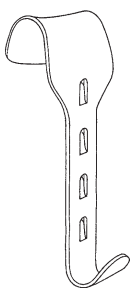
Frame, only  
Rahmen, allein  
Cuadro, solo  
Cadre, seul  
Telaio, solo  
300 x 240 mm

**Kirschner  
12-189-00**

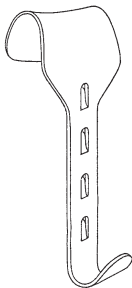
frame ref. 15-882-30 , 3 hooks  
ref. 12-189-50 and 1 hook each  
ref. 12-189-80 , -98 and -99  
Rahmen Art.-Nr. 15-882-30, 3 Haken  
Art.-Nr. 12-189-50 , und je 1 Haken  
Art.-Nr. 12-189-80 , -98 und -99  
bastidor ref. 12-189-30 , 3 ganchos  
ref. 12-189-50 y 1 valva c.u.  
ref. 12-189-80 , -98 y -99  
cadre réf. 12-189-30 , 3 valves  
réf. 12-189-50 et avec 1 écarteur  
réf. 12-189-80 , -98 et -99  
telaio rif. 12-189-30 , 3 valve  
rif. 12-189-50 e 1 valva ognuna  
rif. 12-189-80 , -98 e -99



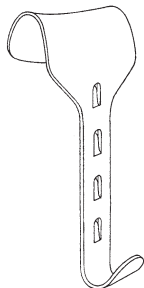
Blade  
Rahmenhaken  
Valva  
Valve  
Valva



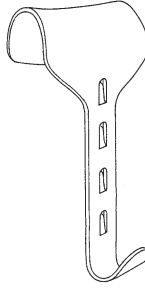
12-189-40  
40 x 55 mm  
Standard



12-189-50  
50 x 65 mm  
Standard

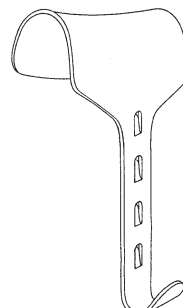


12-189-60  
60 x 85 mm  
Standard

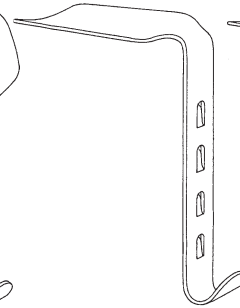


12-189-78  
78 x 65 mm

for obese patients  
für adipöse Patienten  
para pacientes obesos  
pour patients corpulents  
per pazienti obesi

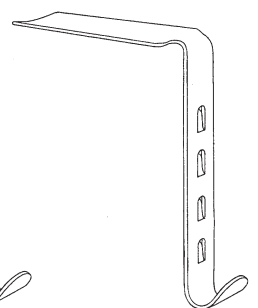


12-189-80  
85 x 90 mm



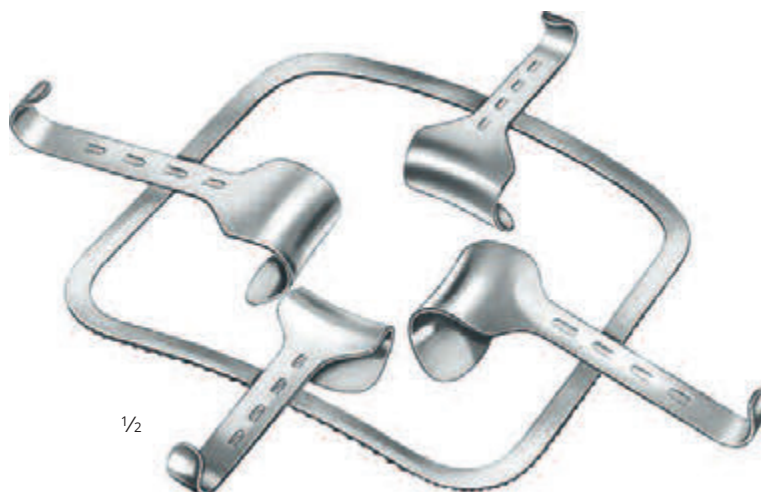
12-189-98  
98 x 50 mm

for intestine and bladder  
für Darm und Blase  
para intestino y vejiga  
pour intestin et vessie  
per intestino e vescica



12-189-99  
105 x 35 mm

## Blade



**12-190-24**  
 Frame, only  
 Rahmen, allein  
 Cuadro, solo  
 Cadre, seul  
 Telaio, solo  
 240 x 240 mm

### Kirschner

#### 12-190-00 - 12-190-24

frame ref. 12-190-24 , 2 hooks

ref. 12-189-40 and 2 hooks ref. 12-189-50

Rahmen Art.-Nr. 12-190-24 und je 2

Haken Art.-Nr. 12-189-40 und 12-189-50

bastidor ref. 12-190-24 , 2 ganchos

ref. 12-189-40 y 2 ganchos ref. 12-189-50

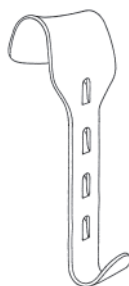
cadre réf. 12-190-24 , 2 valves

réf. 12-189-40 et 2 valves réf. 12-189-50

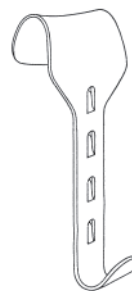
telaio rif. 12-190-24 , 2 valve

rif. 12-189-40 e 2 valve rif. 12-189-50

Kirschner  
 12-189-40



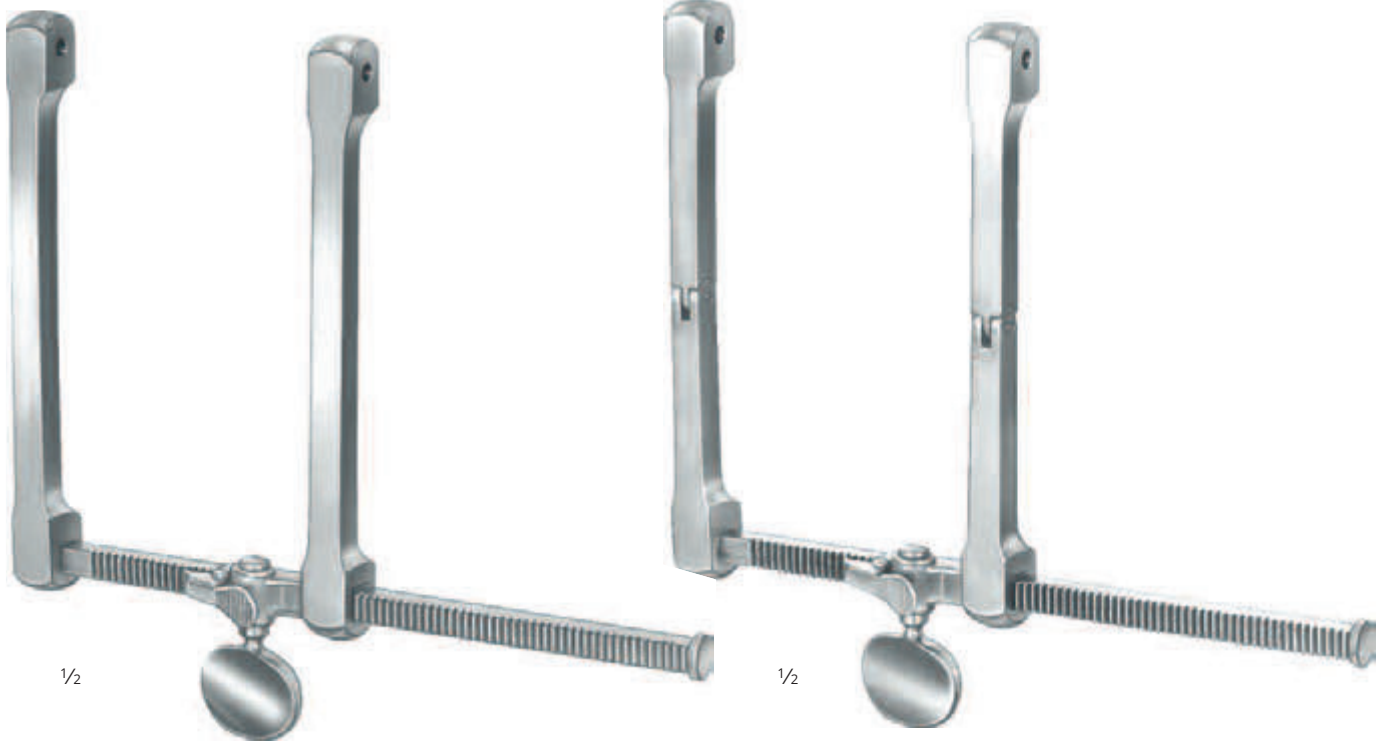
**Kirschner**  
**12-189-40**  
 40 x 55 mm



**Kirschner**  
**12-189-50**  
 50 x 65 mm

## Laminectomy Retractors

12



1/2

1/2

### Scoville

12-191-00

22 cm / 8 <sup>5</sup>/<sub>8</sub>"

spreading  
Spreizweite  
extensión  
écartement  
apertura  
190 mm

### Scoville-Haverfield

12-191-50

22 cm / 8 <sup>5</sup>/<sub>8</sub>"

frame only, with joint  
Rahmen allein, mit Gelenk  
bastidor suelto, con articulación  
cadre seul, avec articulation  
telaio solo, con articolazione

spreading  
Spreizweite  
extensión  
écartement  
apertura  
190 mm

# Laminectomy Retractors



1/2

**12-191-01**

5 cm / 2 "

Hook, pièce  
Hakenvalve, Stück  
Gancho, pieza  
Valve à griffes, pièce  
Uncino, pezzo

50 mm deep, blunt  
50 mm tief, stumpf  
50 mm de profundidad, romo  
profondeur 50 mm, mousse  
profondità 50 mm, smusso



**12-191-02**

7 cm / 2 6/8 "

Hook, pièce  
Hakenvalve, Stück  
Gancho, pieza  
Valve à griffes, pièce  
Uncino, pezzo

70 mm deep, blunt  
70 mm tief, stumpf  
70 mm de profundidad, romo  
profondeur 70 mm, mousse  
profondità 70 mm, smusso



**12-191-06**

5 cm / 2 "

Hook, pièce  
Hakenvalve, Stück  
Gancho, pieza  
Valve à griffes, pièce  
Uncino, pezzo

50 mm deep, sharp  
50 mm tief, spitz  
50 mm de profundidad, agudo  
profondeur 50 mm, pointu  
profondità 50 mm, acuto



**12-191-07**

7 cm / 2 6/8 "

Hook, pièce  
Hakenvalve, Stück  
Gancho, pieza  
Valve à griffes, pièce  
Uncino, pezzo

70 mm deep, sharp  
70 mm tief, spitz  
70 mm de profundidad, agudo  
profondeur 70 mm, pointu  
profondità 70 mm, acuto



12-191-00  
12-191-50



12-191-00  
12-191-50



12-191-00  
12-191-50



12-191-00  
12-191-50



1/2

Blades, pièce  
Blattvalven, Stück  
Valvas, pieza  
Valves, pièce  
Valve, pezzo

toothed  
gezahnt  
dentado  
dentelé  
dentato



Hook, pièce  
Hakenvalve, Stück  
Valva, pieza  
Valve, pièce  
Valvola, pezzo

sharp  
spitz  
agudo  
pointu  
acuto  
12-191-40 = 48 x 50 mm



Hook, pièce  
Hakenvalve, Stück  
Valva, pieza  
Valve, pièce  
Valvola, pezzo

sharp  
spitz  
agudo  
pointu  
acuto  
12-191-46 = 41 x 38 mm

12-191-11	60 x 25 mm	12-191-41	48 x 50 mm	12-191-46	44 x 38 mm
12-191-12	61 x 50 mm	12-191-42	64 x 50 mm	12-191-47	67 x 44 mm
12-191-13	86 x 25 mm	12-191-43	64 x 64 mm		
		12-191-44	80 x 57 mm		



12-191-00  
12-191-50



12-191-00  
12-191-50



12-191-00  
12-191-50

# Abdominal Spatulas



**12-192-01**  
33 cm / 13 "  
30 mm

**12-192-02**  
33 cm / 13 "  
40 mm

**12-192-03**  
33 cm / 13 "  
50 mm

**12-192-01**  
**12-192-03**  
malleable  
biegsam  
maleable  
malléable  
malleabili



**12-193-00**  
20 cm / 7 7/8 "  
16 mm-25 mm

**12-193-01**  
28 cm / 11 "  
25 mm-30 mm

**12-193-02**  
30 cm / 11 6/8 "  
37 mm-45 mm

**Gorney**  
**12-193-00**  
**12-193-02**  
tapered  
konische Form  
forma cónica  
forme conique  
forma conica



**12-194-06**  
20 cm / 7 7/8 "  
6.5 mm

**12-194-09**  
20 cm / 7 7/8 "  
9.5 mm

**12-194-13**  
20 cm / 7 7/8 "  
13 mm

**12-194-16**  
20 cm / 7 7/8 "  
16 mm

**12-194-19**  
20 cm / 7 7/8 "  
19 mm

**12-194-25**  
20 cm / 7 7/8 "  
25 mm

**12-195-25**  
25 cm / 7 7/8 "  
25 mm

**Martin**  
**12-194-06**  
**12-194-25**  
malleable, very soft  
biegsam, sehr weich  
maleable, muy blando  
malléable, très souple  
malleabili, molto dolci



14

# Probes, Applicators, Spatulas

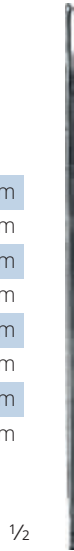
# Probes

14



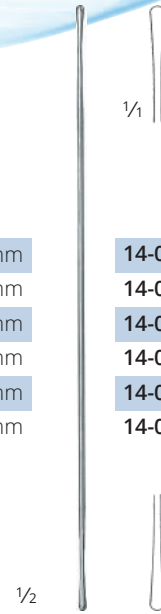
<b>14-001-11</b>	11 cm / 4 <sup>3</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-001-13</b>	13 cm / 5 <sup>1</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-001-14</b>	14.5 cm / 5 <sup>6</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-001-16</b>	16 cm / 6 <sup>2</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-001-18</b>	18 cm / 7 <sup>1</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-001-20</b>	20 cm / 7 <sup>7</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-001-25</b>	25 cm / 9 <sup>7</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-001-30</b>	30 cm / 11 <sup>7</sup> / <sub>8</sub> "	Ø 2,0 mm

1/2



<b>14-002-11</b>	11.5 cm / 4 <sup>4</sup> / <sub>8</sub> "	Ø 1,0 mm
<b>14-002-13</b>	13 cm / 5 <sup>1</sup> / <sub>8</sub> "	Ø 1,0 mm
<b>14-002-14</b>	14.5 cm / 5 <sup>4</sup> / <sub>8</sub> "	Ø 1,0 mm
<b>14-002-16</b>	16 cm / 6 <sup>2</sup> / <sub>8</sub> "	Ø 1,0 mm
<b>14-002-18</b>	18 cm / 7 <sup>1</sup> / <sub>8</sub> "	Ø 1,0 mm
<b>14-002-20</b>	20 cm / 7 <sup>7</sup> / <sub>8</sub> "	Ø 1,0 mm

1/2



1/1

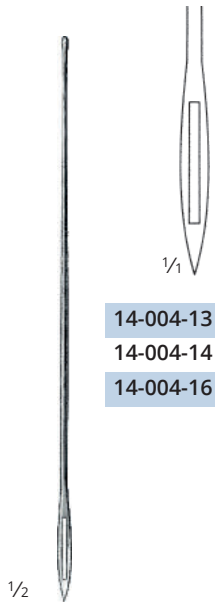
<b>14-003-13</b>	13 cm / 5 <sup>1</sup> / <sub>8</sub> "	Ø 1,5 mm
<b>14-003-14</b>	14.5 cm / 5 <sup>6</sup> / <sub>8</sub> "	Ø 1,5 mm
<b>14-003-16</b>	16 cm / 6 <sup>2</sup> / <sub>8</sub> "	Ø 1,5 mm
<b>14-003-18</b>	18 cm / 7 <sup>7</sup> / <sub>8</sub> "	Ø 1,5 mm
<b>14-003-20</b>	20 cm / 7 <sup>7</sup> / <sub>8</sub> "	Ø 1,5 mm
<b>14-003-25</b>	25 cm / 9 <sup>7</sup> / <sub>8</sub> "	Ø 1,5 mm

1/2

**14-001-11**  
**14-001-30**

**14-002-11**  
**14-002-20**

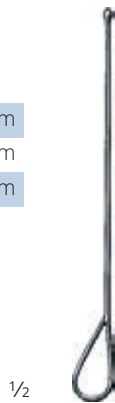
**14-003-13**  
**14-003-25**



1/1

<b>14-004-13</b>	13 cm / 5 <sup>1</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-004-14</b>	14.5 cm / 5 <sup>6</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-004-16</b>	16 cm / 6 <sup>2</sup> / <sub>8</sub> "	Ø 2,0 mm

1/2



1/2

**14-004-13**  
**14-004-16**

with eye  
mit Ohr  
con ojo  
avec trou  
con cruna

**Stache**  
**14-005-10**

Ø 1 mm  
10 cm / 3 <sup>7</sup>/<sub>8</sub>"  
angled handle loop  
abgewinkelte Griffschlinge  
lazo acodado  
manche sous forme de anse, coudé  
manico angolare ad ansa



1/1

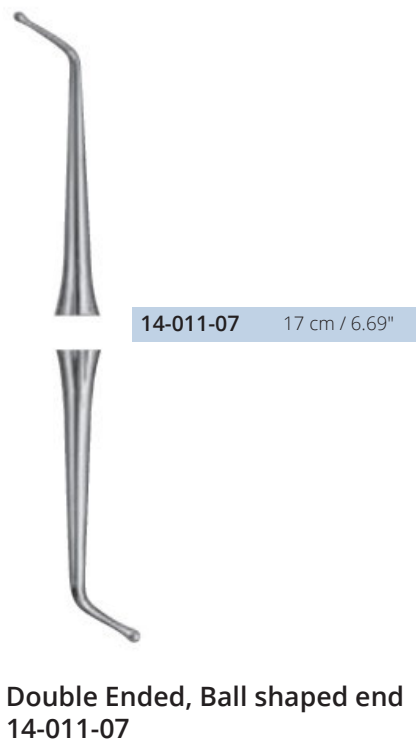
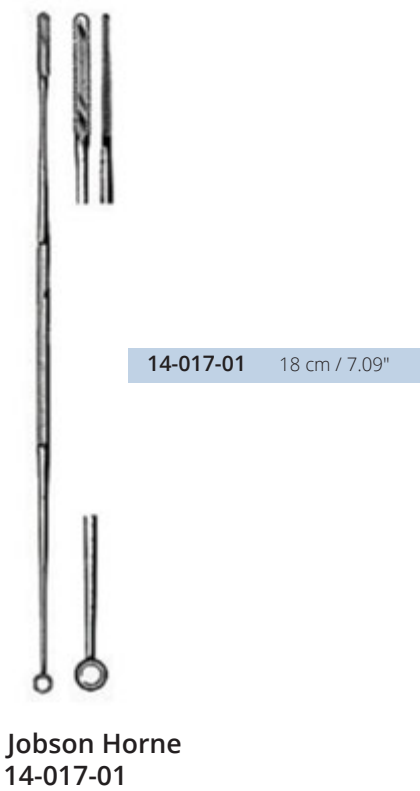
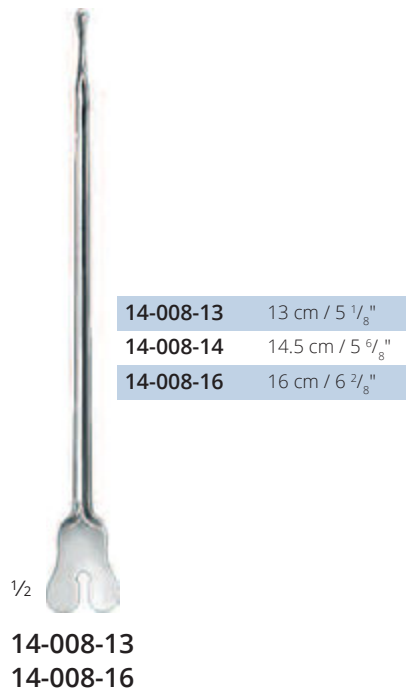
<b>14-006-13</b>	13 cm / 5 <sup>1</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-006-14</b>	14.5 cm / 5 <sup>6</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-006-16</b>	16 cm / 6 <sup>2</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-006-18</b>	18 cm / 7 <sup>7</sup> / <sub>8</sub> "	Ø 2,0 mm
<b>14-006-20</b>	20 cm / 7 <sup>7</sup> / <sub>8</sub> "	Ø 2,0 mm

1/2

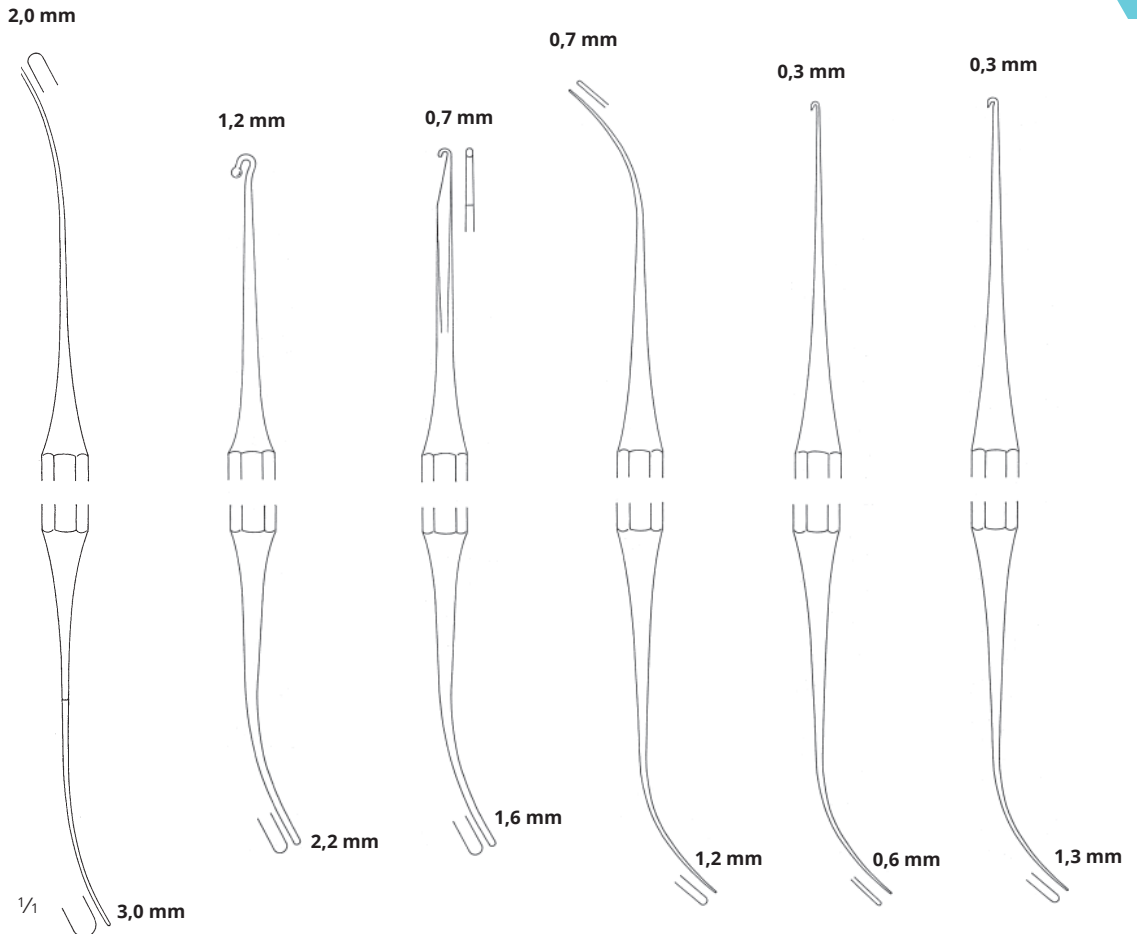
**14-006-13**  
**14-006-20**

Myrtle Leaf Probe  
Myrtenblattsonde  
Sonda de mirto  
Sonde feuille de myrte  
Sonda a foglia di mirto

## Grooved Directors, Fistula Probes







**14-011-01**

18 cm / 7 1/8"  
Phlebodissector  
Phlebodissektor  
Flebodisecador  
Dissecteur pour  
phlébite  
Flebo-dissettore

**14-011-02**

18 cm / 7 1/8"  
Phlebodissector  
Phlebodissektor  
Flebodisecador  
Dissecteur pour  
phlébite  
Flebo-dissettore

**14-011-03**

18 cm / 7 1/8"  
Phlebodissector  
Phlebodissektor  
Flebodisecador  
Dissecteur pour  
phlébite  
Flebo-dissettore

**14-011-04**

17 cm / 6 6/8"  
Micro Dissector  
Mikro-Dissektor  
Micro disecador  
Micro dissecteur  
Micro-dissettore

**14-011-05**

17 cm / 6 6/8"  
Micro Phlebextractor  
Mikro Phlebextraktor  
Micro Fleboextractor  
Extracteur pour  
phlébite micro  
Micro-estrattore per  
flebiti

**14-011-06**

17 cm / 6 6/8"  
Mini Phlebextractor  
Mini-Phlebextraktor  
Mini Flebextractor  
Extracteur pour  
phlébite mini  
Mini-estrattore per  
flebiti



1/2

Varady  
14-011-01  
14-011-06

## Varix Instruments



1/2

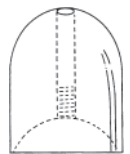
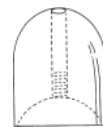
### Nabatoff 14-012-00

Varicose Vein Probe Set  
Varizenbesteck  
Juego para varices  
Trousse à varices  
Set di sonde per varici

complete, in oval metal case  
komplett, in ovalem Metalletui  
completo, en caja metálica oval  
complète, boîte en métal ovale  
completo, in scatola metallica ovale



1/4



**14-012-02**

Plastic Probe Tip  
Kunststoffspitze  
Punta plástica  
Pointe en plastique  
Punta di plastica

**14-012-03**  
Ø 3,0 mm

Olive  
Olive  
Oliva  
Olive  
Oliva

**14-012-06**  
Ø 6,0 mm

Olive  
Olive  
Oliva  
Olive  
Oliva

**14-012-09**  
Ø 9,0 mm

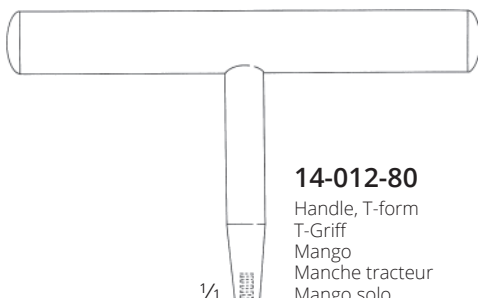
Olive  
Olive  
Oliva  
Olive  
Oliva

**14-012-12**  
Ø 12,0 mm

Olive  
Olive  
Oliva  
Olive  
Oliva

**14-012-15**  
Ø 15,0 mm

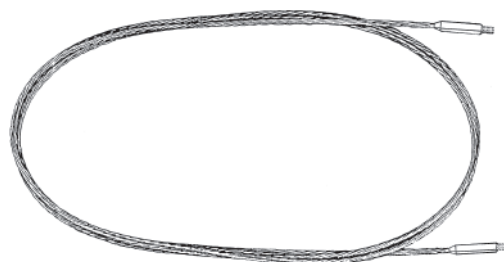
Olive  
Olive  
Oliva  
Olive  
Oliva



1/4

**14-012-80**

Handle, T-form  
T-Griff  
Mango  
Manche tracteur  
Mango solo



**14-012-90**

Traction Cable  
Zugseil  
Cable de tracción  
Cable tracteur  
Funne di trazione  
90cm

## Ring Strippers

14



1/2



**14-013-02**  
50 cm / 19 5/8"  
Ø 2,0 mm



**14-013-03**  
50 cm / 19 5/8"  
Ø 3,0 mm



**14-013-04**  
50 cm / 19 5/8"  
Ø 4,0 mm



**14-013-06**  
50 cm / 19 5/8"  
Ø 6,0 mm



**14-013-07**  
50 cm / 19 5/8"  
Ø 7,0 mm



**14-013-08**  
50 cm / 19 5/8"  
Ø 8,0 mm

1/1



**14-013-10**  
50 cm / 19 5/8"  
Ø 10 mm



**14-013-12**  
50 cm / 19 5/8"  
Ø 12 mm



**14-013-14**  
50 cm / 19 5/8"  
Ø 14 mm



1/2

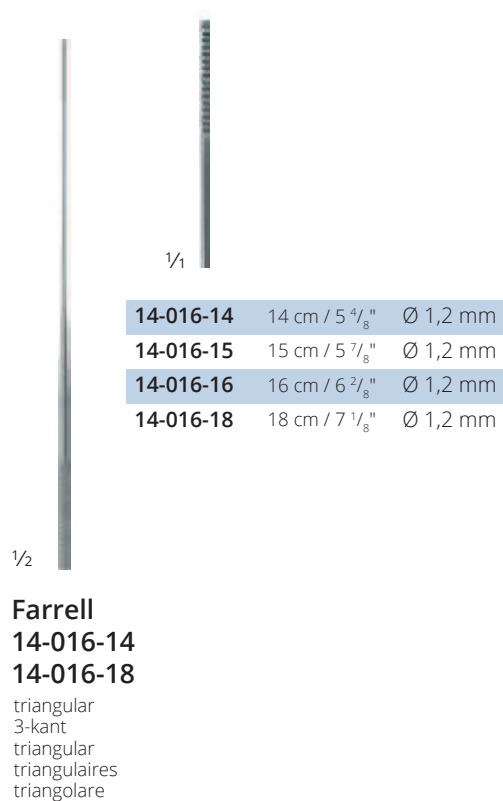
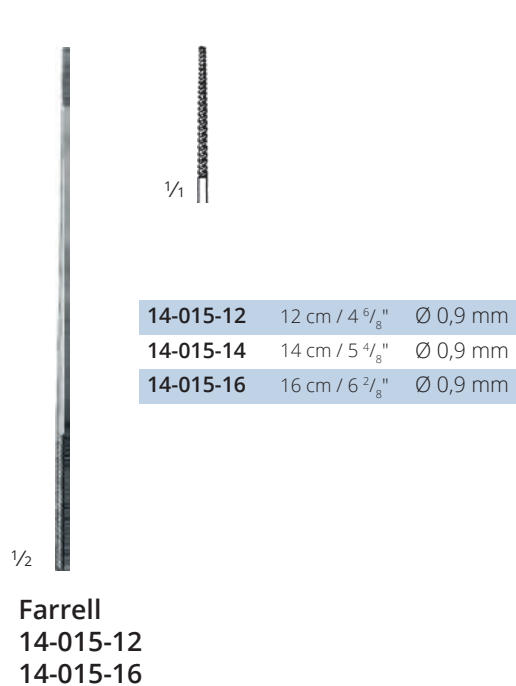
**Vollmar**  
**14-013-02**  
**14-013-14**

**14-014-30**

11.5 cm / 4 4/8"

Handle for Vollmar Ring Stripper  
Handgriff für Ringstripper nach Vollmar  
Mango para Vollmar fleboextractor  
Manche pour stripper à anneau selon Vollmar  
Manico per stripper anello di Vollmar"

## Cotton Applicators





16

# **Trocars, Suction Tubes, Cannulas corrected**

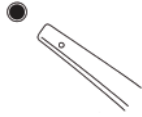
## Suction Cannulas



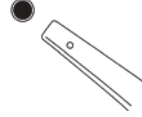
16-001-14  
16-005-14



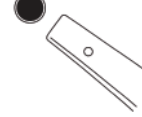
**16-001-14**  
14 cm / 5 4/8"  
Ø 1.5 mm



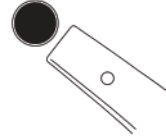
**16-002-14**  
14 cm / 5 4/8"  
Ø 2.5 mm



**16-003-14**  
14 cm / 5 4/8"  
Ø 3.0 mm



**16-004-14**  
14 cm / 5 4/8"  
Ø 4.0 mm



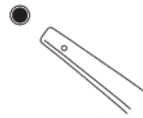
**16-005-14**  
14 cm / 5 4/8"  
Ø 6.0 mm



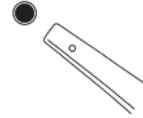
16-001-18  
16-005-18



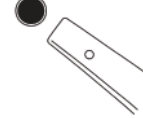
**16-001-18**  
18 cm / 7 1/8"  
Ø 1.5 mm



**16-002-18**  
18 cm / 7 1/8"  
Ø 2.5 mm



**16-003-18**  
18 cm / 7 1/8"  
Ø 3.0 mm



**16-004-18**  
18 cm / 7 1/8"  
Ø 4.0 mm



**16-005-18**  
18 cm / 7 1/8"  
Ø 6.0 mm

# Suction Tubes



16-006-33

16-007-50

pediatric suction tubes, with perforated screw tip  
 pädiatrische Sauger, mit perforierter Schraubspitze  
 tubos de aspiración para niños, con punta perforada y roscada  
 tubes d'aspiration pour enfants, avec pointe perforée et fileté  
 tubi di aspirazione pediatrici, con punta perforata e filetta

16-006-33	45°	18 cm / 7 1/8"	Ø 3,3 mm
16-006-50			Ø 5,0 mm
16-007-33	90°	16 cm / 6 2/8"	Ø 3,3 mm
16-007-50			Ø 5,0 mm

16-008-33

16-010-50

pediatric suction tubes  
 pädiatrische Sauger  
 tubos de aspiración para niños  
 tubes d'aspiration pour enfants  
 tubi di aspirazione

16-008-33	45°	21 cm / 8 2/8"	Ø 3,3 mm
16-008-50			Ø 5,0 mm
16-009-33	60°	18 cm / 7 1/8"	Ø 3,3 mm
16-009-50			Ø 5,0 mm
16-010-33	90°	15 cm / 5 7/8"	Ø 3,3 mm
16-010-50			Ø 5,0 mm

## Suction Tubes



	working length Arbeitslänge largo útil longueur utile lunghezza utile	
16-011-31	200 mm	Ø 3,0 mm
16-011-21	200 mm	Ø 4,0 mm
16-011-51	200 mm	Ø 5,0 mm

Adson  
16-011-21  
16-011-51  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"



Ø 3,3 mm  
Frazier  
16-012-10  
24 cm / 9 <sup>4</sup>/<sub>8</sub>"



Frazier  
16-013-06  
16-013-13  
19.5 cm / 7 <sup>5</sup>/<sub>8</sub>"

	working length Arbeitslänge largo útil longueur utile lunghezza utile	
16-013-06	130 mm	Ø 2,0 mm
16-013-07	130 mm	Ø 2,3 mm
16-013-08	130 mm	Ø 2,7 mm
16-013-09	130 mm	Ø 3,0 mm
16-013-10	130 mm	Ø 3,3 mm
16-013-11	130 mm	Ø 3,6 mm
16-013-12	130 mm	Ø 4,0 mm
16-013-13	130 mm	Ø 5,0 mm



## Suction Tubes



1/2

Fergusson  
16-014-15  
16-014-50  
18 cm / 7 1/8"

	working length Arbeitslänge largo útil longueur utile lunghezza utile	
16-014-15	110 mm	Ø 1,5 mm
16-014-20	110 mm	Ø 2,0 mm
16-014-25	110 mm	Ø 2,5 mm
16-014-30	110 mm	Ø 3,0 mm
16-014-40	110 mm	Ø 4,0 mm
16-014-50	110 mm	Ø 5,0 mm



1/2

Fergusson  
16-014-60  
16-014-65

	working length Arbeitslänge largo útil longueur utile lunghezza utile	
16-014-60	130 mm	Ø 1,5 mm
16-014-61	130 mm	Ø 2,0 mm
16-014-62	130 mm	Ø 2,5 mm
16-014-63	130 mm	Ø 3,0 mm
16-014-64	130 mm	Ø 4,0 mm
16-014-65	130 mm	Ø 5,0 mm

## Suction Tubes



	working length Arbeitslänge largo útil longueur utile lunghezza utile	
16-014-70	160 mm	Ø 1,5 mm
16-014-71	160 mm	Ø 2,0 mm
16-014-72	160 mm	Ø 2,5 mm
16-014-73	160 mm	Ø 3,0 mm
16-014-74	160 mm	Ø 4,0 mm
16-014-75	160 mm	Ø 5,0 mm



	working length Arbeitslänge largo útil longueur utile lunghezza utile	
16-014-80	200 mm	Ø 1,5 mm
16-014-81	200 mm	Ø 2,0 mm
16-014-82	200 mm	Ø 2,5 mm
16-014-83	200 mm	Ø 3,0 mm
16-014-84	200 mm	Ø 4,0 mm
16-014-85	200 mm	Ø 5,0 mm

## Suction Tubes

16

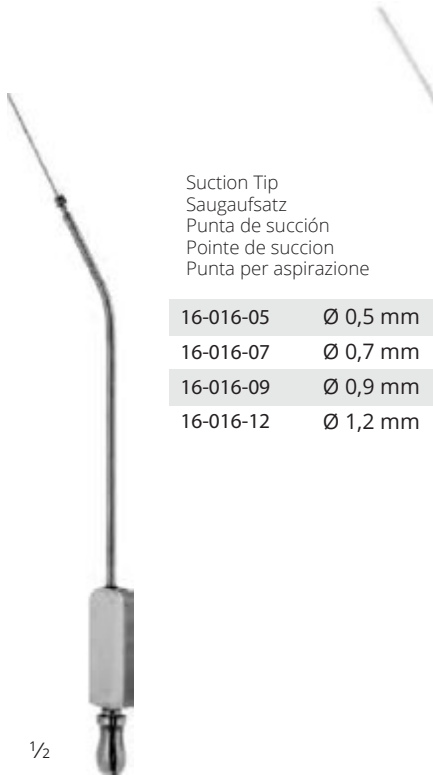


1/2

Poppen  
16-015-06  
16-015-12

	working length Arbeitslänge largo útil longueur utile lunghezza utile	
16-015-06	90 mm	Ø 2,0 mm
16-015-08	90 mm	Ø 2,6 mm
16-015-10	90 mm	Ø 3,3 mm
16-015-12	90 mm	Ø 4,0 mm

## Suction Tubes, Suction Tubes



Suction Tip  
Saugaufsatz  
Punta de succión  
Pointe de succion  
Punta per aspirazione

16-016-05 Ø 0,5 mm

16-016-07 Ø 0,7 mm

16-016-09 Ø 0,9 mm

16-016-12 Ø 1,2 mm

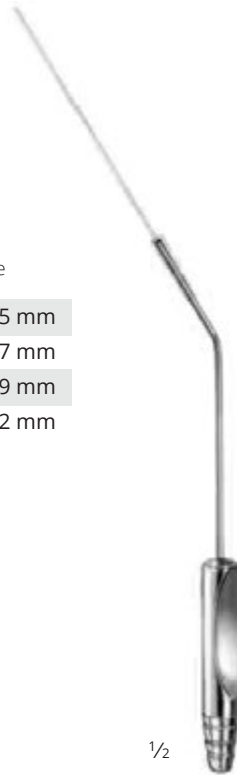
1/2

**Zoellner**  
16-016-00  
16-016-12

Suction Cannula  
Saugkanüle  
Tubo de aspiración  
Tube d'aspiration  
Tubo di aspirazione

16-016-00

Suction Cannula, only  
Saugkanüle, allein  
Tubo de aspiración, suelta  
Tube d'aspiration, seul  
Tubo di aspirazione, solo



1/2

**Wullstein**  
16-017-01  
Ø 2,5 mm

14 cm / 5 4/8 "  
Handle with tube, only  
Handgriff mit Rohr, allein  
Mango con tubo suelta  
Manche avec tube seul  
Manico con tubo, solo



1/1

16-017-04

4.5 cm / 5 6/8 "  
Micro Suction Cannula  
Mikro-Saugkanüle  
Micro tubo de aspiración  
Tube micro d'aspiration  
Micro-cannula d'aspirazione

Ø 0,4 mm



16-017-00



16-017-06

4.5 cm / 5 6/8 "  
Micro Suction Cannula  
Mikro-Saugkanüle  
Micro tubo de aspiración  
Tube micro d'aspiration  
Micro-cannula d'aspirazione

Ø 0,6 mm



16-017-00



16-017-08

4.5 cm / 5 6/8 "  
Micro Suction Cannula  
Mikro-Saugkanüle  
Micro tubo de aspiración  
Tube micro d'aspiration  
Micro-cannula d'aspirazione

Ø 0,8 mm



16-017-00

**Wullstein**  
16-017-00  
Ø 2,3 mm

14 cm / 5 4/8 "  
complete, with handle and 3 tips  
komplett mit Griff und drei Aufsätzen  
completo, con mango y 3 puntas  
complet, avec manche et 3 pointes  
completo, con manico e 3 punte



1/2

**Baron-Schuknecht**  
16-018-10 - 16-018-20

with finger cut-off  
mit Unterbrecher  
con placa desconectadona  
avec plaque interrupteur  
con placa interuttore

1/1

16-018-10  
Ø 1,0 mm

working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile  
75 mm

⊙

16-018-15  
Ø 1,5 mm

working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile  
75 mm

⊙

16-018-20  
Ø 2,0 mm

working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile  
75 mm



**Spackman**  
16-078-02  
350 mm / 14"

## Suction Tubes



1/2

**Luer**  
**16-019-30**  
**16-019-45**  
 conical  
 konisch  
 cónico  
 conique  
 conico



**16-019-30**  
 16.5 cm / 6 4/8"  
 Ø 3,0 mm  
 working length  
 Arbeitslänge  
 largo útil  
 longueur utile  
 lunghezza utile  
 110 mm



**16-019-35**  
 16.5 cm / 6 4/8"  
 Ø 3,5 mm  
 working length  
 Arbeitslänge  
 largo útil  
 longueur utile  
 lunghezza utile  
 110 mm



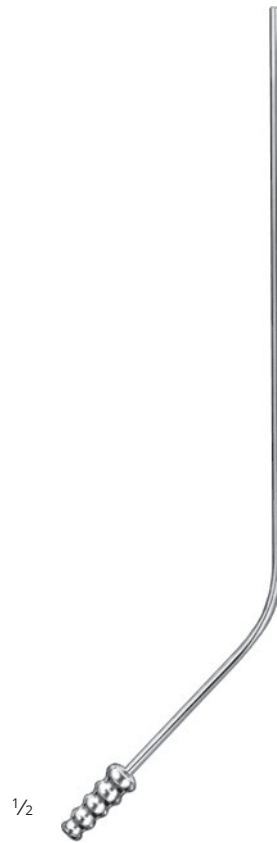
**16-019-45**  
 18 cm / 7 4/8"  
 Ø 4,5 mm  
 working length  
 Arbeitslänge  
 largo útil  
 longueur utile  
 lunghezza utile  
 130 mm

16



1/2

Ø 3,2 mm  
**Landolt**  
**16-020-25**  
 25 cm / 9 7/8"  
 Sauger für Hypophyse  
 Suction tube for pituitary  
 Aspirador para pituitaria  
 Tube d'aspiration pour hypophyse  
 Tubo di aspirazione per ipofisi



1/2

**Yasargil**  
**16-021-15**  
**16-021-35**  
 working length  
 Arbeitslänge  
 largo útil  
 longueur utile  
 lunghezza utile  
 150 mm



**16-021-15**  
 17 cm / 6 6/8"  
 Ø 1,5 mm



**16-021-20**  
 17 cm / 6 6/8"  
 Ø 2,0 mm



**16-021-25**  
 17 cm / 6 6/8"  
 Ø 2,5 mm



**16-021-35**  
 17 cm / 6 6/8"  
 Ø 3,5 mm

## Suction Tubes



1/2

Ø 8,0 mm  
Baby-Yankauer  
16-022-21  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"

Ø 9,4 mm  
Yankauer  
16-023-31  
31 cm / 12 <sup>2</sup>/<sub>8</sub>"  
complete, with suction tip  
and connector  
komplett, mit Saugspitze  
und Schlaucholive  
completo, con punta de succión  
et raccord  
complet, avec pointe de succion  
et raccord  
completi, con punte d'aspirazione  
e raccordo

Ø 4,0 mm  
De Bakey-Adson  
16-024-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"

Ø 4,0 mm  
De Bakey-Adson  
16-024-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"

Ø 9,0 mm  
De Bakey-Adson  
16-024-28  
28 cm / 6 <sup>2</sup>/<sub>8</sub>"

## Suction Tubes

16



1/2

### Yankauer 16-025-00

31 cm / 12 2/8 "

complete, with handle, 4 tubes fig. 0/1/2/3,  
suction tip and tube connector  
komplett, mit Griff, 4 Saugrohren Fig. 0/1/2/3,  
Saugspitze und Schlaucholive  
completo, con mango, 4 tubos, fig. 0/1/2/3,  
punta de succión y conector para tubos  
complet, avec manche, 4 tubes, fig. 0/1/2/3,  
pointe de succión et raccord ou tubes  
completi, con manico, 4 tubi, fig. 0/1/2/3,  
punta per aspirazione e raccordo per tubi



1/2

Ø 2,5 mm

Fig.0

16-025-10

10 cm / 3 7/8 "



Ø 3,4 mm

Fig.1

16-025-11

10 cm / 3 7/8 "



Ø 4,3 mm

Fig.2

16-025-12

10 cm / 3 7/8 "



Ø 6,0 mm

Fig.3

16-025-13

13.5 cm / 5 3/8 "



1/2

### 16-025-01

15 cm / 5 7/8 "

Handle  
Handgriff  
Mango  
Manche  
Manico



1/2

### 16-025-02

2.5 cm / 1 "

Olive  
Schlaucholive  
Oliva  
Olive  
Oliva



1/2

### 16-025-15

9.9 mm

suction tip  
Saugspitze  
punta de succión  
pointe de succión  
punta per aspirazione

### 16-025-00

Set bestehend aus:  
Set consisting of:  
Juego formado por:  
Set composé de:  
Set composto da:

16-025-01

16-025-02

16-025-10

16-025-11

16-025-12

16-025-13

16-025-15

# Suction Tubes



**House**  
**16-030-09**  
**16-032-09**  
 17 cm / 6 <sup>6</sup>/<sub>8</sub>"  
 Saugrohr  
 Suction tube  
 Tubo de aspiración  
 Tube d'aspiration  
 Tubo di aspirazione



**Baby-Poole**  
**16-026-19**  
 19 cm / 7 <sup>4</sup>/<sub>8</sub>"  
 Ø 6 mm



**Baby-Poole**  
**16-027-19**  
 19 cm / 7 <sup>4</sup>/<sub>8</sub>"  
 Ø 6 mm



**Poole**  
**16-028-24**  
 24 cm / 9 <sup>4</sup>/<sub>8</sub>"  
 Ø 10 mm



**Poole**  
**16-029-25**  
 25 cm / 9 <sup>7</sup>/<sub>8</sub>"  
 Ø 8,0 mm

	Saugrohr Suction tube Tubo de aspiración Tube d'aspiration Tubo di aspirazione	Spülrohr Irrigation tube Tubo de irrigación Tube d'irrigation Tubo d'irrigazione
16-030-09	Ø 0,9 mm	Ø 0,7 mm
16-031-09	Ø 1,2 mm	Ø 0,9 mm
16-032-09	Ø 1,5 mm	Ø 1,2 mm



**House**  
**16-033-05**  
 4.5 cm / 1 <sup>6</sup>/<sub>8</sub>"  
 Saugadapter  
 Suction adapter  
 Adaptador de aspiración  
 Adaptateur d'aspiration  
 Adattatore di aspirazione



## Suction Tubes

16



1/2

**Cooley**  
**16-034-36**  
36 cm / 14 1/8"  
Ø 8,0 mm



1/2

**Cooley**  
**16-035-31**  
31 cm / 12 2/8"  
Ø 10 mm

with perforated screw tip  
mit perforierter Schraubspitze  
con punta perforada y roscada  
avec pointe perforée et filetée  
con punta perforata e filetta



1/2

**Cooley**  
**16-036-30**  
31 cm / 12 2/8"  
Ø 7,0 mm

with perforated screw tip  
mit perforierter Schraubspitze  
con punta perforada y roscada  
avec pointe perforée et filetée  
con punta perforata e filetta



1/2

**Cooley**  
**16-037-33**  
36 cm / 14 1/8"  
Ø 8,0 mm

with perforated screw tip  
mit perforierter Schraubspitze  
con punta perforada y roscada  
avec pointe perforée et filetée  
con punta perforata e filetta

## Suction Tubes



1/2

**16-038-28**

28 cm / 11"

Ø 6 mm

with perforated screw tip  
mit perforierter Schraubspitze  
con punta perforada y roscada  
avec pointe perforée et filetée  
con punta perforata e filetta



1/2

**V16-039-30**

30 cm / 11 5/8"

Ø 6 mm

with perforated screw tip  
mit perforierter Schraubspitze  
con punta perforada y roscada  
avec pointe perforée et filetée  
con punta perforata e filetta

## Suction Tubes

### Nuboer

16-040-21

21 cm / 8 2/8" "

Ø 6 mm

round opening  
runde Öffnung  
abertura redonda  
ouverture ronde  
apertura rotonda



### Nuboer

16-041-21

21 cm / 8 2/8" "

Ø 6 mm

oval opening  
ovale Öffnung  
abertura ovalada  
ouverture ovale  
apertura ovale



**Gorney**  
54-079-02  
18 cm / 7.01"  
Ø 6-10 mm

**Negus**  
54-079-03  
21 cm / 8.26"  
Ø 2.5 mm

**Jamieson**  
16-042-05  
16-042-15  
27 cm / 10 6/8" "

**Jamieson**  
16-043-05  
16-043-10  
27 cm / 10 6/8" "

**Negus**  
16-044-01  
21 cm / 8.27"

**Magill**  
16-077-02  
24.5 cm / 9.64"

16-042-05	Ø 0,5 mm
16-042-10	Ø 1,0 mm
16-042-15	Ø 1,5 mm

16-043-05	Ø 0,5 mm
16-043-10	Ø 1,0 mm

16-044-01	Ø 6,0 mm
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16-077-02	Ø 3,0 mm
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## Suction Tubes

1/1 □

**16-044-05**  
9 cm / 3 4/8"   
Ø 1,5 mm

□

**16-044-06**  
9 cm / 3 4/8"   
Ø 2,0 mm

1/1 □

**16-044-07**  
9 cm / 3 4/8"   
Ø 2,5 mm

□

**16-044-08**  
9 cm / 3 4/8"   
Ø 3,5 mm

tip laterally perforated  
Spitze seitlich perforiert  
punta perforada lateralmente  
pointe côté perforée  
punta con perforazione laterale



16-044-17



1/2

**Coupland**  
**16-044-17**

17 cm / 6 6/8"

Handle with connector  
Handgriff mit Schlauchansatz  
Mango con conexión para tubos  
Manche avec connection pour tubes  
Manico con raccordo per tubi



1/2

**Byrd**  
**16-045-01**  
**16-045-03**

21.5 cm / 8 4/8"

□

**16-045-01**  
Ø 3,0 mm

□

**16-045-02**  
Ø 3,5 mm

1/1 □

**16-045-03**  
Ø 4,3 mm



1/2

**Cogswell**  
**16-046-24**

24.5 cm / 9 5/8"   
Ø 3,8 mm

with finger cut-off  
mit Unterbrecher  
con placa desconectadona  
avec plaque interrupteur  
con placa interuttore

## Guide Needles

16



16-047-08	8 CH
16-047-10	10 CH
16-047-12	12 CH
16-047-14	14 CH
16-047-16	16 CH

### Redon

16-047-08

16-047-18

19.5 cm / 7 <sup>5</sup>/<sub>8</sub> "

threaded end  
mit Schraubgewinde  
roscada  
filetée  
con filetto



16-048-08	8 CH
16-048-10	10 CH
16-048-12	12 CH
16-048-14	14 CH
16-048-16	16 CH

### Redon

16-048-08

16-048-18

14 cm / 5 <sup>4</sup>/<sub>8</sub> "

threaded end  
mit Schraubgewinde  
roscada  
filetée  
con filetto



### Rotunda

16-078-03

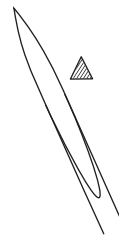
5 mm

## Guide Needles



16-049-08	8 CH
16-049-10	10 CH
16-049-12	12 CH
16-049-14	14 CH
16-049-16	16 CH

**Redon**  
**16-049-08**  
**16-049-18**  
 19.5 cm / 7 <sup>5</sup>/<sub>8</sub> "  
 threaded end  
 mit Schraubgewinde  
 roscada  
 filetée  
 con filetto



16-050-08	8 CH
16-050-10	10 CH
16-050-12	12 CH
16-050-14	14 CH
16-050-16	16 CH

**Redon**  
**16-050-08**  
**16-050-18**  
 19.5 cm / 7 <sup>5</sup>/<sub>8</sub> "  
 threaded end  
 mit Schraubgewinde  
 roscada  
 filetée  
 con filetto

# Hypodermic Needles



1/2



1/2

**16-051-01**  
**16-051-20**

Luer-Lock connection, package of 12 pieces  
Luer-Lock Ansatz, Packung mit 12 Stück  
conexión Luer-Lock, paquete con 12 piezas  
raccord Luer-Lock, untié à 12 pièces  
raccordo Luer-Lock, scatola da 12 pezzi

working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile

16-051-01	Fig.1	Ø 0,85 mm	40 mm
16-051-02	Fig.2	Ø 0,8 mm	35 mm
16-051-12	Fig.12	Ø 0,7 mm	32 mm
16-051-14	Fig.14	Ø 0,65 mm	30 mm
16-051-16	Fig.16	Ø 0,6 mm	25 mm
16-051-18	Fig.18	Ø 0,5 mm	23 mm
16-051-20	Fig.20	Ø 0,45 mm	18 mm



1/2

**16-052-00**

Pudendus Anaesthesia Needle  
Pudendus-Anästhesiekanüle  
Cánula para anestesia transvaginal  
Canule pour anesthésie transvaginale  
Cannula per anestesia trasvaginale

complete with needle  
komplett mit Nadel  
completo con aguja  
complet avec aiguille  
completa con ago

**16-052-01**

Cannula  
Nadel  
Cánula  
Canule  
Cannula  
Ø 1,00 x 185 mm

**16-052-00**  
**16-052-01**  
17.5 cm / 7 "

Luer Lock connection  
Luer-Lock Ansatz  
conexión Luer-Lock  
raccord Luer-Lock  
raccordo Luer-Lock



1/2

Vein Cannulas  
Venekaniülen  
Cánulas para venas  
Canules veineuses  
Cannule per vene

16-053-12	1,2 x 80 mm
16-053-15	1,5 x 80 mm



1/2

**16-054-20**  
**16-054-06**

Heparin Flushing Needle, Luer Lock connection  
Heparinnadel, Luer-Lock-Ansatz  
Aguja para heparin, conexión Luer-Lock  
Aiguille pour héparine, raccord Luer-Lock  
Ago per eparina, raccordo Luer-Lock

16-054-20	2,0 x 45 mm
16-054-30	3,0 x 45 mm
16-054-37	3,7 x 55 mm
16-054-50	5,0 x 60 mm
16-054-06	2,9 x 65 mm

# Special Needles



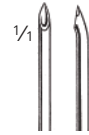
1/2

**Tuohy**  
16-055-10  
16-055-20

Lumbar Puncture Needle  
Lumbalpunktionskanüle  
Aguja para punción lumbar  
Aiguille pour ponction lombaire  
Cannula per puntura lumbale

		working length Arbeitslänge largo útil longueur utile lunghezza utile
16-055-10	Ø 1,2 mm	76 mm
16-055-12	Ø 1,2 mm	89 mm
16-055-14	Ø 1,0 mm	76 mm
16-055-16	Ø 1,0 mm	89 mm
16-055-18	Ø 0,7 mm	76 mm
16-055-19	Ø 0,7 mm	50 mm
16-055-20	Ø 0,7 mm	89 mm

Luer-Lock connection  
Luer-Lock Ansatz  
conexión Luer-Lock  
raccord Luer-Lock  
raccordo Luer-Lock



1/1



1/2

**Tuohy**  
16-056-12  
16-056-16

Lumbar Puncture Needle  
Lumbalpunktionskanüle  
Aguja para punción lumbar  
Aiguille pour ponction lombaire  
Cannula per puntura lumbale

16-056-12	Ø 1,2 mm	76 mm
16-056-14	Ø 1,4 mm	76 mm
16-056-16	Ø 1,6 mm	76 mm

with special tip, Luer-Lock connection  
mit Spezialspitze, Luer-Lock Ansatz  
con punta especial, conexión Luer-Lock  
avec pointe spéciale, raccord Luer-Lock  
con punta speciale, raccordo Luer-Lock



1/2

**16-057-10**

Luer Lock connection  
Luer-Lock Ansatz  
conexión Luer-Lock  
raccord Luer-Lock  
raccordo Luer-Lock

tapered tip  
abgesetzte Spitze  
punta reducida  
pointe de reduction  
punta redotta  
Ø 0,65 mm



**Tuohy**

16-056-18	Ø 1,8 mm	76 mm
16-056-20	Ø 2,0 mm	76 mm
16-056-25	Ø 2,5 mm	76 mm
16-056-30	Ø 3,0 mm	76 mm

1/1



1/2

**16-058-15**

Luer Lock connection  
Luer-Lock Ansatz  
conexión Luer-Lock  
raccord Luer-Lock  
raccordo Luer-Lock

abgesetzte Spitze  
tapered tip  
punta reducida  
pointe de reduction  
punta redotta  
Ø 0,80 mm

abgesetzte Spitze  
tapered tip  
punta reducida  
pointe de reduction  
punta redotta  
Ø 0,65 mm

1/1



1/2

**16-059-20**

Luer Lock connection  
Luer-Lock Ansatz  
conexión Luer-Lock  
raccord Luer-Lock  
raccordo Luer-Lock



1/2

**16-060-20**  
**16-061-20**

Tonsil cannula, angled  
Tonsillenkanüle, gewinkelt  
Cánula para amígdalas, acodada  
Aiguille pour amygdales, angulée  
Cannula per tonsille, angolata

16-060-20	Ø 1,0 mm
16-061-20	Ø 1,3 mm

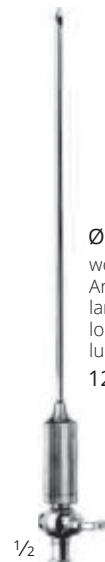


1/2

**Verres**  
**16-062-20**

Luer Lock connection  
Luer-Lock Ansatz  
conexión Luer-Lock  
raccord Luer-Lock  
raccordo Luer-Lock  
Insufflation Cannula  
Insufflationskanüle  
Cánula para insuflación  
Canule pour insufflation  
Cannula per insufflazione

Ø 2,0 mm  
working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile  
100 mm



1/2

**Verres**  
**16-063-20**

Luer Lock connection  
Luer-Lock Ansatz  
conexión Luer-Lock  
raccord Luer-Lock  
raccordo Luer-Lock  
Insufflation Cannula  
Insufflationskanüle  
Cánula para insuflación  
Canule pour insufflation  
Cannula per insufflazione

Ø 2,0 mm  
working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile  
120 mm



## Suction Cannulas

16



16-064-15	Ø 1,5 mm
16-064-20	Ø 2,0 mm
16-064-25	Ø 2,5 mm
16-064-30	Ø 3,0 mm

### Plester

16-064-15

16-064-30

19.5 cm / 7 <sup>5</sup>/<sub>8</sub> "

Suction cannula

Saugkanüle

Cánula de aspiración

Canule d'aspiration

Cannula di aspirazione



### Vollmar

16-065-20

16 cm / 6 <sup>2</sup>/<sub>8</sub> "

Ø 2,0 mm

Suction cannula, malleable

Saugkanüle, biegsam

Cánula de aspiración, maleable

Canule d'aspiration, malléable

Cannula di aspirazione, malleabile



### House, Suction Tube

16-033-06 7 cm / Ø 0.6

16-033-07 7 cm / Ø 0.8

16-033-08 7 cm / Ø 1.0

16-033-09 7 cm / Ø 1.2

16-033-10 7 cm / Ø 1.5

16-033-11 7 cm / Ø 1.8

16-033-12 7 cm / Ø 2.0

16-033-13 7 cm / Ø 2.2

16-033-14 7 cm / Ø 2.5

16-033-15 7 cm / Ø 3.0

## Vessel Irrigation Cannulas

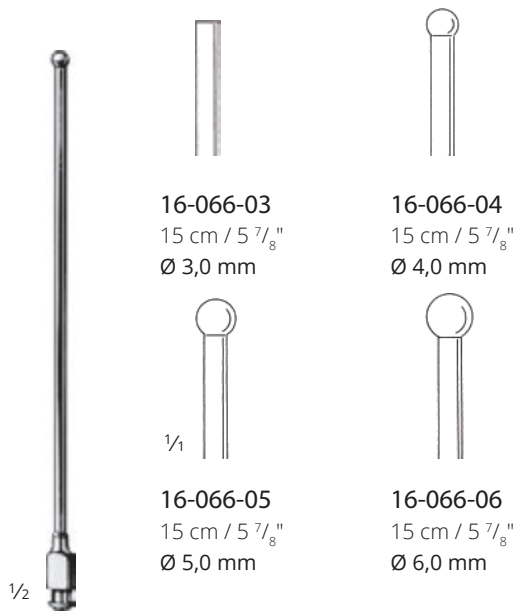


16-065-15	Ø 1,5 mm
16-065-20	Ø 2,0 mm
16-065-25	Ø 2,5 mm
16-065-30	Ø 3,0 mm
16-065-40	Ø 4,0 mm

**Vollmar**  
**16-065-15**  
**16-065-40**

6 cm / 2 <sup>3</sup>/<sub>8</sub> "

Luer-Lock connection  
 Luer-Lock Ansatz  
 conexión Luer-Lock  
 raccord Luer-Lock  
 raccordo Luer-Lock



**16-066-03**  
 15 cm / 5 <sup>7</sup>/<sub>8</sub> "  
 Ø 3,0 mm

**16-066-04**  
 15 cm / 5 <sup>7</sup>/<sub>8</sub> "  
 Ø 4,0 mm

**16-066-05**  
 15 cm / 5 <sup>7</sup>/<sub>8</sub> "  
 Ø 5,0 mm

**16-066-06**  
 15 cm / 5 <sup>7</sup>/<sub>8</sub> "  
 Ø 6,0 mm

Ø 2,9 x 0,8 mm

button-ended  
 mit Knopfende  
 punta abotonada  
 aboutonné  
 con punta a bottone

**Schmid**  
**16-066-03**  
**16-066-06**


malleable, Luer-Lock connection  
 biegsam, Luer-Lock Ansatz  
 maleable, conexión Luer-Lock  
 malléable, raccord Luer-Lock  
 malleabili, raccordo Luer-Lock

**Mock**  
**16-067-06**  
 6.5 cm / 2 <sup>1</sup>/<sub>8</sub> "

Heparin Flushing Needle, Luer Lock connection  
 Heparinnadel, Luer-Lock Ansatz  
 Aguja para heparina, conexión Luer-Lock  
 Aiguille pour héparine, raccord Luer-Lock  
 Ago per eparina, raccordo Luer-Lock

## Liver Puncture Needles


16



			working length Arbeitslänge largo útil longueur utile lunghezza utile
16-068-10	Ø 1,0 mm	35 mm	
16-068-15	Ø 1,0 mm	70 mm	
16-068-20	Ø 1,2 mm	70 mm	
16-068-25	Ø 1,2 mm	100 mm	
16-068-30	Ø 1,4 mm	70 mm	
16-068-35	Ø 1,4 mm	100 mm	
16-068-40	Ø 1,6 mm	70 mm	
16-068-50	Ø 1,8 mm	100 mm	

### Menghini 16-068-10 16-068-50

for liver blind puncture, with stopping probe  
für Leberblindpunktion, mit Stoppsonde  
para punción ciega del hígado, con aguja limitadora  
pour ponction aveugle du foie, avec clou d'arrêt  
per puntatura con ago limitatore



			working length Arbeitslänge largo útil longueur utile lunghezza utile
16-069-18	Ø 1,8 mm	168 mm	

### Menghini 16-069-14 16-069-18

for controlled liver blind puncture  
für gezielte Leberpunktion  
para punción controlada del hígado  
pour ponction contrôlée du foie  
per puntatura controllata del fegato

## Connecting Pieces



1/2

**16-070-00**

Connector  
Zwischenstück  
Conector  
Raccord  
Raccordo

LL = female, RC = male  
LL = weiblich, RC = männlich  
LL = hembra, RC = macho  
LL = femelle, RC = mâle  
LL = femminile, RC = maschile



1/2

**16-071-00**

Connector  
Zwischenstück  
Conector  
Raccord  
Raccordo

RC = female, LL = male  
RC = weiblich, LL = männlich  
RC = hembra, LL = macho  
RC = femelle, LL = mâle  
RC = femminile, LL = maschile



1/2

**16-072-00**

Connector  
Schlauchverbinder  
Conector  
Raccord  
Raccordo

LL = male  
LL = männlich  
LL = macho  
LL = mâle  
LL = maschile



1/2

**16-073-00**

Connector  
Schlauchverbinder  
Conector  
Raccord  
Raccordo

LL = female  
LL = weiblich  
LL = hembra  
LL = femelle  
LL = femminile



1/2

16-074-01	Ø 2,5 mm	4 mm	
16-074-02	Ø 2,5 mm	6,5 mm	
16-074-03	Ø 3,0 mm	9 mm	

working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile



1/2

**16-074-01**  
**16-074-03**

Catheter Fitting, conical  
Katheteransatz, konisch  
Adaptador para catéteres, cónico  
Adaptateur pour cathéters, conique  
Adattatore per cateteri, conico

Luer-Lock connection  
Luer-Lock Ansatz  
conexión Luer-Lock  
raccord Luer-Lock  
raccordo Luer-Lock

**16-076-00**

Stopcock  
Durchflußhahn  
Llave  
Robinet  
Rubinetto

LL = female/male  
LL = weiblich/männlich  
LL = hembra/macho  
LL = femelle/mâle  
LL = femminile/maschile



1/2

**16-077-00**

3-Way Stopcock  
Dreiwegehahn  
Llave de 3 vías  
Robinet à trois voies  
Rubinetto a tre vie

1 x LL male, 2 x LL = female  
1 x LL = männlich, 2 x LL = weiblich  
1 x LL macho, 2 x LL = hembra  
1 x LL mâle, 2 x LL = femelle  
1 x LL maschile, 2 x LL = femminile



1/2

**16-078-03**  
**16-078-13**

Connector  
Anschlußstutzen  
Conector  
Raccord  
Tubo di connessione

for trachea tubes  
für Endotrachealkatheter  
para tubos endo-traqueales  
pour tubes endotracheales  
per tubi endotracheali

16-078-03	Ø 3,0 mm
16-078-04	Ø 4,0 mm
16-078-05	Ø 5,0 mm
16-078-06	Ø 6,0 mm
16-078-07	Ø 7,0 mm
16-078-08	Ø 8,0 mm
16-078-09	Ø 9,0 mm
16-078-10	Ø 10 mm
16-078-11	Ø 11 mm
16-078-12	Ø 12 mm
16-078-13	Ø 13 mm



18

# Anaesthesia

## Catheter Introducing Forceps

1/4



**18-001-15**  
15.5 cm / 6 1/8"  
for babies  
für Kleinkinder  
para neonatales  
pour nourrissons  
per neonati



**18-001-17**  
17.5 cm / 6 7/8"  
for children  
für Kinder  
para niños  
pour enfants  
per bambini



**18-001-20**  
20 cm / 7 7/8"  
for adults  
für Erwachsene  
para adultos  
pour adultes  
per adulti



**18-001-25**  
25 cm / 9.84"  
for adults  
für Erwachsene  
para adultos  
pour adultes  
per adulti



**Magill**  
18-001-15  
18-001-20

1/2



**Dittel**  
18-002-46  
46 cm / 8 1/8"

## Laryngoscopes and Accessories

18



1/3

### Miller 18-003-00

Set with battery handle (without batteries)  
and three laryngoscope blades  
fig. 1 to 3, complete, in case

mit drei Laryngoskopspateln  
Fig. 1 bis 3,  
komplett, in Etui

con tres hojas de laringoscopia  
fig. 1 a 3,  
completo, en estuche

avec trois spatules à laryngoscopie  
fig. 1 à 3,  
complet, en trousse

con tre spatole per laringoscopia  
fig. 1 fino a 3,  
completo, in scatola

### Miller 18-004-00

Set with battery handle (without batteries)  
and four laryngoscope blades  
fig. 1 to 4, complete, in case

mit vier Laryngoskopspateln  
Fig. 1 bis 4,  
komplett, in Etui

con cuatro hojas de laringoscopia  
fig. 1 a 4,  
completo, en estuche

avec quatre spatules à laryngoscopie  
fig. 1 à 4,  
complet, en trousse

con quattro spatole per laringoscopia  
fig. 1 fino a 4,  
completo, in scatola

### Miller-Baby 18-005-00

Set with battery handle (without batteries)  
and two laryngoscope blades  
fig. 0 and 1, complete, in case

mit zwei Laryngoskopspateln  
Fig. 0 und 1,  
komplett, in Etui

con dos hojas de laringoscopia  
fig. 0 y 1,  
completo, en estuche

a  
vec deux spatules à laryngoscopie  
fig. 0 à 1,

complet, en trousse  
con due spatole per laringoscopia  
fig. 0 fino a 1,  
completo, in scatola

# Suction Tubes



**18-006-00**

**Fig.0**

for babies  
für Säuglinge  
para neonatales  
pour nourrissons  
per neonati

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
55 mm



**18-006-01**

**Fig.1**

for children  
für Kinder  
para niños  
pour enfants  
per bambini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
80 mm



**18-006-02**

**Fig.2**

for adolescents  
für Jugendliche  
para adolescentes  
pour adolescents  
per adolescenti

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
130 mm



**18-006-03**

**Fig.3**

for women  
für Frauen  
para mujeres  
pour femmes  
per donne

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
170 mm



**18-006-04**

**Fig4**

for men  
für Männer  
para hombres  
pour hommes  
per uomini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
180 mm

**Miller**  
**18-006-00**  
**18-006-04**

1/2



## Laryngoscopes and Accessories

18

### 18-007-00

Set with battery handle (without batteries) and two laryngoscope blades fig. 0 and 1, complete, in case

mit drei Laryngoskopspateln Fig. 2 bis 4, komplett, in Etui

con tres hojas de laringoscopia fig. 2 a 4, completo, en estuche

avec trois spatules à laryngoscopie fig. 2 à 4, complet, en trousse

con tre spatole per laringoscopia fig. 2 fino a 4, completo, in scatola

### 18-008-00

Set with battery handle (without batteries) and two laryngoscope blades fig. 0 and 1, complete, in case

mit vier Laryngoskopspateln Fig. 1 bis 4, komplett, in Etui

con cuatro hojas de laringoscopia fig. 1 a 4, completo, en estuche

avec quatre spatules à laryngoscopie fig. 1 à 4, complet, en trousse

con quattro spatole per laringoscopia fig. 1 fino a 4, completo, in scatola



1/3

Guedel-Negus



### 18-009-01

Fig.1

for children  
für Kinder  
para niños  
pour enfants  
per bambini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
70 mm



### 18-009-02

Fig.2

for adolescents  
für Jugendliche  
para adolescentes  
pour adolescents  
per adolescenti

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
90 mm



### 18-009-03

Fig.3

for women  
für Frauen  
para mujeres  
pour femmes  
per donne

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
110 mm

1/2



### 18-009-04

Fig4

for men  
für Männer  
para hombres  
pour hommes  
per uomini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
135 mm

18-009-01 - 18-009-04

# Laryngoscopes and Accessories



1/3

## McIntosh 18-010-00

mit drei Laryngoskopspateln  
Fig. 1 bis 3,  
komplett, in Etui

Set with battery handle (without batteries)  
and two laryngoscope blades  
fig. 0 and 1, complete, in case

con tres hojas de laringoscopia  
fig. 1 a 3,  
completo, en estuche

avec trois spatules à laryngoscopie  
fig. 1 à 3,  
complet, en trousse

con tre spatole per laringoscopia  
fig. 1,  
completo, in scatola

## McIntosh 18-012-00

Set with battery handle (without batteries)  
and four laryngoscope blades  
fig. 1 to 4, complete, in case

mit vier Laryngoskopspateln  
Fig. 1 bis 4,  
komplett, in Etui

con cuatro hojas de laringoscopia  
fig. 1 a 4,  
completo, en estuche

avec quatre spatules à laryngoscopie  
fig. 1 à 4,  
complet, en trousse

con quattro spatole per laringoscopia  
fig. 1 fino a 4,  
completo, in scatola



## 18-011-00

Fig.0

for babies  
für Säuglinge  
para neonatales  
pour nourrissons  
per neonati

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
55 mm



## 18-011-01

Fig.1

for children  
für Kinder  
para niños  
pour enfants  
per bambini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
75 mm



## 18-011-02

Fig.2

for adolescents  
für Jugendliche  
para adolescentes  
pour adolescents  
per adolescenti

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
90 mm



## 18-011-03

Fig.3

for women  
für Frauen  
para mujeres  
pour femmes  
per donne

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
110 mm



## 18-011-04

Fig.4

for men  
für Männer  
para hombres  
pour hommes  
per uomini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
135 mm

1/2

18-011-00 - 18-011-04

# Laryngoscopes and Accessories



1/3

**McIntosh**  
**18-014-00**

Set with battery handle (without batteries) and three laryngoscope blades fig. 2 to 4, complete, in case

mit drei Laryngoskopspateln  
Fig. 2 bis 4,  
komplett, in Etui

con tres hojas de laringoscopia  
fig. 2 a 4,  
completo, en estuche

avec trois spatules à laryngoscopie  
fig. 2 à 4,  
complet, en trousse

con tre spatole per laringoscopia  
fig. 2 fino a 4,  
completo, in scatola



**18-013-01**

Fig.1

for children  
für Kinder  
para niños  
pour enfants  
per bambini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
70 mm



**18-013-02**

Fig.2

for adolescents  
für Jugendliche  
para adolescentes  
pour adolescents  
per adolescenti

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
90 mm



**18-013-03**

Fig.3

for women  
für Frauen  
para mujeres  
pour femmes  
per donne

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
110 mm

1/2



**18-013-04**

Fig.4

for men  
für Männer  
para hombres  
pour hommes  
per uomini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
135 mm

18-013-01 - 18-013-04

# Laryngoscopes and Accessories



1/3



1/2

## Foregger 18-015-00

with four laryngoscope blades fig. 1 to 4, complete in case

mit vier Laryngoskopspateln Fig. 1 bis 4, komplett, in Etui

con cuatro hojas de laringoscopia fig. 1 a 4, completo, en estuche

avec quatre spatules à laryngoscopie fig. 1 à 4, complet, en trousse

con quattro spatole per laringoscopia fig. 1 fino a 4, completo, in scatola

## 18-018-01

Case for Laryngoscopes  
for 3 straight laryngoscope blades

Etui für Laryngoskope  
für drei gerade Laryngoskopspatel

Estuche para laringoscopios  
para 3 hojas de laringoscopia rectas

Trousse pour laryngoscopes  
pour 3 spatules à laryngoscopie droites

Scatola per laringoscopia  
per 3 spatole per laringoscopia retta

## 18-018-02

for 4 straight laryngoscope blades  
für vier gerade Laryngoskopspatel  
para 4 hojas de laringoscopia rectas  
pour 4 spatules à laryngoscopie droites  
per 4 spatole per laringoscopia retta

## 18-018-03

for 3 curved laryngoscope blades  
für drei gebogene Laryngoskopspatel  
para 3 hojas de laringoscopia curvas  
pour 3 spatules à laryngoscopie courbées  
per 3 spatole per laringoscopia curva

## 18-018-04

for 4 curved laryngoscope blades  
für vier gebogene Laryngoskopspatel  
para 4 hojas de laringoscopia curvas  
pour 4 spatules à laryngoscopie courbées  
per 4 spatole per laringoscopia curva

## 18-016-00

Battery Handle  
(without batteries), for laryngoscope sets

Batteriehandgriff  
(ohne Batterie), für Laryngoskopiebestecke

Mango de pilas  
(sin pilas), para juegos de laringoscopia

Manche à pile  
(sans pile), pour jeux à laryngoscopie

Manico per pila  
(senza pila), per set per laringoscopia



1/4

## 18-017-00

Spare Bulb  
large, for blades

Ersatzlampe  
groß, für Spatel

Bombilla de recambio  
grande, para hojas

Ampoule de rechange  
grand, pour spatule

Lampadina di ricambio  
grande, per spatola



18-006-04  
18-009-02  
18-009-03  
18-009-04  
18-011-01  
18-011-02  
18-011-03  
18-011-04  
18-013-02  
18-013-03  
18-013-04



1/4

## 18-017-01

small, for blades  
klein, für Spatel  
pequeño, para hojas  
petit, pour spatule  
piccolo, per spatola



18-006-00  
18-006-01  
18-006-02  
18-006-03  
18-009-01  
18-011-00  
18-013-01

# Fiber Optic Laryngoscopes and Accessories

18



Laryngoscope Sets  
fiber optic

Laryngoskopiebestecke  
Kaltlicht

Juegos de laringoscopia  
luz fría

Jeux à laryngoscopie  
lumière froide

Set per laringoscopia  
luce fredda

## McIntosh 18-019-00

with battery handle (without batteries)  
and three laryngoscope blades fig. 1 to 3  
complete, in case

mit Batteriehandgriff (ohne Batterie)  
und drei Laryngoskopspatel Fig. 1 bis 3  
komplett, in Etui

con mango de pilas (sin pilas)  
y tres hojas de laringoscopia fig. 1 a 3  
completo, en estuche

avec manche à pile (sans pile)  
et trois spatules à laryngoscopie fig. 1 à 3  
complet, en trousse

con manico a pila (senza pila)  
e tre spatole per laringoscopia fig. 1 fino a 3  
completo, in scatola

## McIntosh 18-021-00

with battery handle (without batteries)  
and four laryngoscope blades fig. 1 to 4  
complete, in case

mit Batteriehandgriff (ohne Batterie)  
und vier Laryngoskopspatel Fig. 1 bis 4  
komplett, in Etui

con mango de pilas (sin pilas)  
y cuatro hojas de laringoscopia fig. 1 a 4  
completo, en estuche

avec manche à pile (sans pile)  
et quatre spatules à laryngoscopie fig. 1 à 4  
complet, en trousse

con manico a pila (senza pila)  
e quattro spatole per laringoscopia fig. 1 fino a 4  
completo, in scatola

## McIntosh 18-020-00

with accumulator handle  
and three laryngoscope blades fig. 1 to 3  
complete, in case

mit Akku-Handgriff  
und drei Laryngoskopspatel Fig. 1 bis 3  
komplett, in Etui

con mango acumulador  
y tres hojas de laringoscopia fig. 1 a 3  
completo, en estuche

avec manche à accumulateur  
et trois spatules à laryngoscopie fig. 1 à 3  
complet, en trousse

con manico a accumulatore  
e tre spatole per laringoscopia fig. 1 fino a 3  
completo, in scatola

## McIntosh 18-022-00

with accumulator handle  
and four laryngoscope blades fig. 1 to 4  
complete, in case

mit Akku-Handgriff  
und vier Laryngoskopspatel Fig. 1 bis 4  
komplett, in Etui

con mango acumulador  
y cuatro hojas de laringoscopia fig. 1 a 4  
completo, en estuche

avec manche à accumulateur  
et quatre spatules à laryngoscopie fig. 1 à 4  
complet, en trousse

con manico a accumulatore  
e quattro spatole per laringoscopia fig. 1 fino a 4  
completo, in scatola

# Fiber Optic Laryngoscopes and Accessories



fiber optic  
Kaltlicht  
luz fría  
lumière froide  
luce fredda



## 18-023-00

Fig.0

for babies  
für Säuglinge  
para neonatales  
pour nourrissons  
per neonati

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
55 mm



## 18-023-01

Fig.1

for children  
für Kinder  
para niños  
pour enfants  
per bambini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
70 mm



## 18-023-02

Fig.2

for adolescents  
für Jugendliche  
para adolescentes  
pour adolescents  
per adolescenti

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
85 mm



## 18-023-03

Fig.3

for women  
für Frauen  
para mujeres  
pour femmes  
per donne

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
105 mm



## 18-023-04

Fig4

for men  
für Männer  
para hombres  
pour hommes  
per uomini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
130 mm

McIntosh  
18-023-00 - 18-023-04

1/2

# Fiber Optic Laryngoscopes and Accessories

18



1/2



Laryngoscope Sets  
fiber optic

Laryngoskopiebestecke  
Kaltlicht

Juegos de laringoscopia  
luz fría

Jeux à laryngoscopie  
lumière froide

Set per laringoscopia  
luce fredda

## Foregger 18-024-00

with battery handle (without batteries)  
and three laryngoscope blades fig. 2 to 4  
complete, in case

mit Batteriehandgriff (ohne Batterie)  
und drei Laryngoskopspatel Fig. 2 bis 4  
komplett, in Etui

con mango de pilas (sin pilas)  
y tres hojas de laringoscopia fig. 2 a 4  
completo, en estuche

avec manche à pile (sans pile)  
pour trois spatules à laryngoscopie fig. 2 à 4  
complet, en trousse

con manico a pila (senza pila)  
e tre spatole per laringoscopia fig. 2 fino a 4  
completo, in scatola

## Foregger 18-026-00

with battery handle (without batteries)  
and four laryngoscope blades fig. 1 to 4  
complete, in case

mit Batteriehandgriff (ohne Batterie)  
und vier Laryngoskopspatel Fig. 1 bis 4  
komplett, in Etui

con mango de pilas (sin pilas)  
y cuatro hojas de laringoscopia fig. 1 a 4  
completo, en estuche

avec manche à pile (sans pile)  
pour quatre spatules à laryngoscopie fig. 1 à 4  
complet, en trousse

con manico a pila (senza pila)  
e quattro spatole per laringoscopia fig. 1 fino a 4  
completo, in scatola

## Foregger 18-025-00

with accumulator handle  
and three laryngoscope blades fig. 2 to 4  
complete, in case

mit Akku-Handgriff  
und drei Laryngoskopspatel Fig. 2 bis 4  
komplett, in Etui

con mango acumulador  
y tres hojas de laringoscopia fig. 2 a 4  
completo, en estuche

avec manche à accumulateur  
pour trois spatules à laryngoscopie fig. 2 à 4  
complet, en trousse

con manico a accumulatore  
e tre spatole per laringoscopia fig. 2 fino a 4  
completo, in scatola

## Foregger 18-027-00

with accumulator handle  
and four laryngoscope blades fig. 1 to 4  
complete, in case

mit Akku-Handgriff  
und vier Laryngoskopspatel Fig. 1 bis 4  
komplett, in Etui

con mango acumulador  
y cuatro hojas de laringoscopia fig. 1 a 4  
completo, en estuche

avec manche à accumulateur  
pour quatre spatules à laryngoscopie fig. 1 à 4  
complet, en trousse

con manico a accumulatore  
e quattro spatole per laringoscopia fig. 1 fino a 4  
completo, in scatola

# Fiber Optic Laryngoscopes and Accessories



fiber optic  
Kaltlicht  
luz fría  
lumière froide  
luce fredda



## 18-028-00

Fig.0

for babies  
für Säuglinge  
para neonatales  
pour nourrissons  
per neonati

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
55 mm



## 18-028-01

Fig.1

for children  
für Kinder  
para niños  
pour enfants  
per bambini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
70 mm



## 18-028-02

Fig.2

for adolescents  
für Jugendliche  
para adolescentes  
pour adolescents  
per adolescenti

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
90 mm



## 18-028-03

Fig.3

for women  
für Frauen  
para mujeres  
pour femmes  
per donne

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
110 mm

1/2



## 18-028-04

Fig.4

for men  
für Männer  
para hombres  
pour hommes  
per uomini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
135 mm

**Foregger**  
18-028-00 - 18-028-04



# Fiber Optic Laryngoscopes and Accessories

18



Laryngoscope Sets  
fiber optic

Laryngoskopiebestecke  
Kaltlicht

Juegos de laringoscopia  
luz fría

Jeux à laryngoscopie  
lumière froide

Set per laringoscopia  
luce fredda

## Miller 18-029-00

with battery handle (without batteries)  
and three laryngoscope blades fig. 1 to 3  
complete, in case

mit Batteriehandgriff (ohne Batterie)  
und drei Laryngoskopspatel Fig. 1 bis 3  
komplett, in Etui

con mango de pilas (sin pilas)  
y tres hojas de laringoscopia fig. 1 a 3  
completo, en estuche

avec manche à pile (sans pile)  
pour trois spatules à laryngoscopie fig. 1 à 3  
complet, en trousse

con manico a pila (senza pila)  
e tre spatole per laringoscopia fig. 1 fino a 3  
completo, in scatola

## Miller 18-031-00

with battery handle (without batteries)  
and four laryngoscope blades fig. 1 to 4  
complete, in case

mit Batteriehandgriff (ohne Batterie)  
und vier Laryngoskopspatel Fig. 1 bis 4  
komplett, in Etui

con mango de pilas (sin pilas)  
y cuatro hojas de laringoscopia fig. 1 a 4  
completo, en estuche

avec manche à pile (sans pile)  
pour quatre spatules à laryngoscopie fig. 1 à 4  
complet, en trousse

con manico a pila (senza pila)  
e quattro spatole per laringoscopia fig. 1 fino a 4  
completo, in scatola

## Miller 18-030-00

with accumulator handle  
and three laryngoscope blades fig. 1 to 3  
complete, in case

mit Akku-Handgriff  
und drei Laryngoskopspatel Fig. 1 bis 3  
komplett, in Etui

con mango acumulador  
y tres hojas de laringoscopia fig. 1 a 3  
completo, en estuche

avec manche à accumulateur  
pour trois spatules à laryngoscopie fig. 1 à 3  
complet, en trousse

con manico a accumulatore  
e tre spatole per laringoscopia fig. 1 fino a 3  
completo, in scatola

## Miller 18-032-00

with accumulator handle  
and four laryngoscope blades fig. 1 to 4  
complete, in case

mit Akku-Handgriff  
und vier Laryngoskopspatel Fig. 1 bis 4  
komplett, in Etui

con mango acumulador  
y cuatro hojas de laringoscopia fig. 1 a 4  
completo, en estuche

avec manche à accumulateur  
pour quatre spatules à laryngoscopie fig. 1 à 4  
complet, en trousse

con manico a accumulatore  
e quattro spatole per laringoscopia fig. 1 fino a 4  
completo, in scatola

# Fiber Optic Laryngoscopes and Accessories



fiber optic  
Kaltlicht  
luz fría  
lumière froide  
luce fredda



**18-033-00**

Fig.0

for babies  
für Säuglinge  
para neonatales  
pour nourrissons  
per neonati

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
55 mm



**18-033-01**

Fig.1

for children  
für Kinder  
para niños  
pour enfants  
per bambini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
80 mm



**18-033-02**

Fig.2

for adolescents  
für Jugendliche  
para adolescentes  
pour adolescents  
per adolescenti

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
130 mm



**18-033-03**

Fig.3

for women  
für Frauen  
para mujeres  
pour femmes  
per donne

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
170 mm



**18-033-04**

Fig4

for men  
für Männer  
para hombres  
pour hommes  
per uomini

working length  
Nutzlänge  
largo útil  
longueur utile  
lunghezza operante  
180 mm

Miller  
18-033-00 - 18-033-04

# Fiber Optic Laryngoscopes and Accessories



18



## 18-034-00

Handle for two type C batteries (batteries not included) for cold light blade, 2,5 V

Handgriff für zwei Batterien Typ C (ohne Batterien) für Kaltlichtspatel, 2,5 V

Mango para dos pilas tipo C (sin pilas) para espátula de luz fría, 2,5 V

Manchepour deux piles de type C (sans piles) pour spatule à lumière froide, 2,5 V

Manico per due batterie tipo C (senza batterie) per spatola luce fredda, 2,5 V



## 18-035-00

Handle for two type AA batteries (batteries not included) for cold light blade, 2,5 V

Handgriff für zwei Batterien Typ AA (ohne Batterien) für Kaltlichtspatel, 2,5 V

Mango para dos pilas tipo AA (sin pilas) para espátula de luz fría, 2,5 V

Manchepour deux piles de type AA (sans piles) pour spatule à lumière froide, 2,5 V

Manico per due batterie tipo AA (senza batterie) per spatola luce fredda, 2,5 V



20

# Suture

# Micro Needle Holders

  
safety-wave

  
diamond-coated

20

 7-0 - 12-0



1/2

20-001-01  
20-004-00



	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto
	0.30 mm	0.30 mm	0.30 mm	0.30 mm
15 cm / 5 7/8" 	20-001-01	20-002-01	20-003-00	20-004-00

  
diamond-coated

 7-0 - 12-0



1/2

Castroviejo  
20-005-03  
20-008-02



	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto
	0.30 mm	0.30 mm	0.30 mm	0.30 mm
15 cm / 5 7/8" 	20-005-03	20-006-03	20-007-02	20-008-02

# Micro Needle Holders



1/2

Castroviejo  
20-009-18  
20-012-18

  
diamond-coated



7-0 - 12-0



	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto
	0.40 mm	0.40 mm	0.40 mm	0.40 mm
18 cm / 7 1/8" 	20-009-18	20-010-18	20-011-18	20-012-18



1/2





  
safety-wave

  
diamond-coated



8-0 - 9-0



	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto
	0.40 mm	0.40 mm	0.40 mm	0.40 mm
15 cm / 5 7/8" 	20-013-15	20-014-15	20-015-15	20-016-15
15 cm / 5 7/8" 	20-017-15	20-018-15	20-019-15	20-020-15
18 cm / 7 1/8" 	20-013-18	20-014-18	20-015-18	20-016-18
18 cm / 7 1/8" 	20-017-18	20-018-18	20-019-18	20-020-18

# Micro Needle Holders



safety-wave



diamond-coated

20



6-0-8-0



1/2

	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto
	Ø 0.80 mm	Ø 0.80 mm	Ø 0.80 mm	Ø 0.80 mm
15 cm / 5 7/8" <b>St</b>	20-021-15	20-022-15	20-023-15	20-024-15
15 cm / 5 7/8" <b>Ti</b>	20-025-15	20-026-15	20-027-15	20-028-15
18 cm / 7 1/8" <b>St</b>	20-021-18	20-022-18	20-023-18	20-024-18
18 cm / 7 1/8" <b>Ti</b>	20-025-18	20-026-18	20-027-18	20-028-18
21 cm / 8 2/8" <b>St</b>	20-021-21	20-022-21	20-023-21	20-024-21
21 cm / 8 2/8" <b>Ti</b>	20-025-21	20-026-21	20-027-21	20-028-21
23 cm / 9" <b>St</b>	20-021-23	20-022-23	20-023-23	20-024-23
23 cm / 9" <b>Ti</b>	20-025-23	20-026-23	20-027-23	20-028-23



1/2



1/4

20-029-10  
10.5 cm / 4 1/8"



20-030-10  
10.5 cm / 4 1/8"

Barraquer-Troutman  
20-029-10 - 20-030-10

# Micro Needle Holders



1/2

20-031-15  
20-038-21

5-0-7-0	1/1		1/1		1/1	
	with lock mit Sperre con trinquete avec cran d'arrêt con arresto	with lock mit Sperre con trinquete avec cran d'arrêt con arresto	w/o lock ohne Sperre sin trinquete sans cran d'arrêt senza arresto	w/o lock ohne Sperre sin trinquete sans cran d'arrêt senza arresto	with lock mit Sperre con trinquete avec cran d'arrêt con arresto	w/o lock ohne Sperre sin trinquete sans cran d'arrêt senza arresto
	Ø 1.2 mm	Ø 1.2 mm	Ø 1.2 mm	Ø 1.2 mm	Ø 1.2 mm	Ø 1.2 mm
15 cm / 5 7/8"	20-031-15	20-032-15	20-033-15	20-034-15		
15 cm / 5 7/8"	20-035-15	20-036-15	20-037-15	20-038-15		
18 cm / 7 1/8"	20-031-18	20-032-18	20-033-18	20-034-18		
18 cm / 7 1/8"	20-035-18	20-036-18	20-037-18	20-038-18		
21 cm / 8 2/8"	20-031-21	20-032-21	20-033-21	20-034-21		
21 cm / 8 2/8"	20-035-21	20-036-21	20-037-21	20-038-21		
23 cm / 9"	20-031-23	20-032-23	20-033-23	20-034-23		
23 cm / 9"	20-035-23	20-036-23	20-037-23	20-038-23		



1/2

20-039-18  
20-042-18

6-0-10-0	1/1		1/1		1/1	
	with lock mit Sperre con trinquete avec cran d'arrêt con arresto	with lock mit Sperre con trinquete avec cran d'arrêt con arresto	w/o lock ohne Sperre sin trinquete sans cran d'arrêt senza arresto	w/o lock ohne Sperre sin trinquete sans cran d'arrêt senza arresto	with lock mit Sperre con trinquete avec cran d'arrêt con arresto	w/o lock ohne Sperre sin trinquete sans cran d'arrêt senza arresto
18 cm / 7 1/8"	20-039-18	20-040-18	20-041-18	20-042-18		



# Micro Needle Holders



20-043-10  
10.5 cm / 4 1/8"



20-043-11  
11.5 cm / 4 4/8"



20-044-10  
10.5 cm / 4 1/8"



20-044-11  
11.5 cm / 4 4/8"

Barraquer-Troutman  
20-043-10 - 20-044-11



20-045-11  
11.5 cm / 4 4/8"  
w/o ratchet  
ohne Sperre  
sin trinquete  
sans cran d'arrêt  
senza arresto



20-045-12  
12.5 cm / 4 4/8"  
w/o ratchet  
ohne Sperre  
sin trinquete  
sans cran d'arrêt  
senza arresto



20-045-13  
13.5 cm / 5 3/8"  
w/o ratchet  
ohne Sperre  
sin trinquete  
sans cran d'arrêt  
senza arresto



20-045-14  
14 cm / 5 4/8"  
with ratchet  
mit Sperre  
con trinquete  
avec cran d'arrêt  
con arresto



20-045-15  
14 cm / 5 4/8"  
w/o ratchet  
ohne Sperre  
sin trinquete  
sans cran d'arrêt  
senza arresto

St

Barraquer  
20-045-11  
20-045-15



20-220-11  
10.5 cm / 4.13" STR

20-221-11  
10.5 cm / 4.13" CVD

Barraquer  
20-220-11  
20-221-11

## Micro Needle Holders



**Barraquer**  
**20-046-13**  
 13.5 cm / 5 <sup>3</sup>/<sub>8</sub>"  
 very delicate jaw  
 sehr feines Maul  
 boca muy delicada  
 mors très fin  
 morso strafino



**Castroviejo-Fino**  
**20-047-13**  
 13 cm / 5 <sup>1</sup>/<sub>8</sub>"  
 very delicate jaw  
 sehr feines Maul  
 boca muy delicada  
 mors très fin  
 morso strafino



**Castroviejo-Fino**  
**20-048-13**  
 13 cm / 5 <sup>1</sup>/<sub>8</sub>"  
 very delicate jaw  
 sehr feines Maul  
 boca muy delicada  
 mors très fin  
 morso strafino



**Castroviejo-Fino**  
**20-049-13**  
 13 cm / 5 <sup>1</sup>/<sub>8</sub>"  
 very delicate jaw, with lock  
 sehr feines Maul, mit Sperre  
 boca muy delicada, con cierre  
 mors très fin, avec serrure  
 morso strafino, con fermo



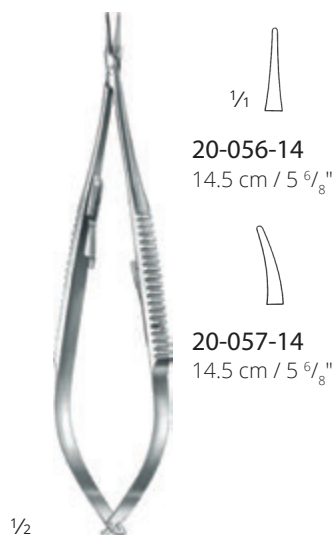
**Castroviejo-Fino**  
**20-050-13**  
 13 cm / 5 <sup>1</sup>/<sub>8</sub>"  
 very delicate jaw, with lock  
 sehr feines Maul, mit Sperre  
 boca muy delicada, con cierre  
 mors très fin, avec serrure  
 morso strafino, con fermo



**Castroviejo-Fino**  
**20-051-09**  
 9 cm / 3 <sup>4</sup>/<sub>8</sub>"



**Castroviejo-Fino**  
**20-055-09**  
 9 cm / 3 <sup>4</sup>/<sub>8</sub>"



**Castroviejo**  
**20-056-14**  
**20-057-14**

**20-056-14**  
 14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"

**20-057-14**  
 14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"



**Castroviejo**  
**20-058-14**  
**20-059-14**

**20-058-14**  
 14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"

**20-059-14**  
 14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"

## Micro Needle Holders, Needle Holders

20



1/2



1/4

20-060-14  
14.5 cm / 5 6/8"



20-061-14  
14.5 cm / 5 6/8"

Castroviejo  
20-060-14  
20-061-14



1/2



1/4

Castroviejo  
20-062-14  
14.5 cm / 5 6/8"



1/2



1/4

Castroviejo  
20-063-12  
12 cm / 4 6/8"



1/2



1/4

Castroviejo  
20-064-12  
12 cm / 4 6/8"

## Needle Holders



**20-065-12**  
12 cm / 4 <sup>6</sup>/<sub>8</sub> "  
beide Maulteile gefenstert  
both jaws fenestrated  
ambas mordazas fenestradas  
les deux mors fenêtrés  
entrambe le gole a finestra

**Derf**  
20-065-12  
20-065-13

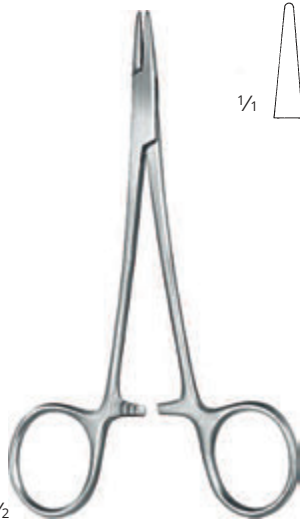


**20-065-13**  
13 cm / 5 <sup>1</sup>/<sub>8</sub> "  
jaw with longitudinal serration  
längsgerieftes Maul  
boca con estrías longitudinales  
mors avec rainures longitudinales  
morso con strie longitudinali



1/2

**Collier**  
**20-066-12**  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub> "  
both jaws fenestrated throughout  
beide Maulteile durchgehend gefenstert  
ambas mordazas completamente fenestradas  
les deux mors fenêtrés sur toute leur longueur  
entrambe le gole completamente a finestra



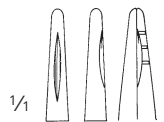
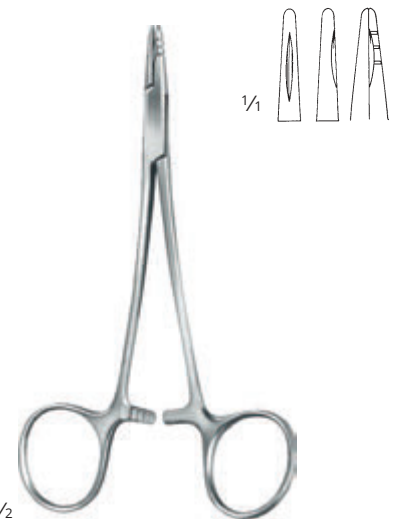
1/2

**Webster**  
**20-067-13**  
13 cm / 5 <sup>1</sup>/<sub>8</sub> "  
smooth jaw  
glattes Maul  
boca lisa  
mors lisse  
morso liscio



1/2

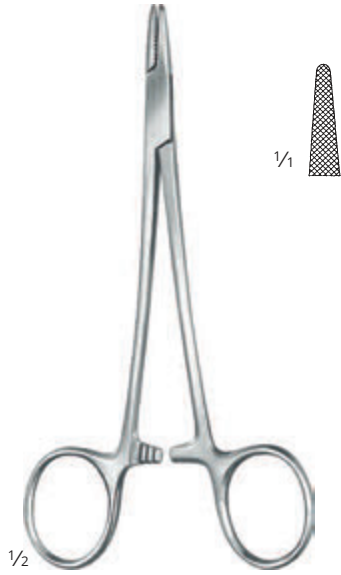
**Halsey**  
**20-068-13**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
smooth jaw  
glattes Maul  
boca lisa  
mors lisse  
morso liscio



1/2

**Neivert**  
**20-069-13**  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub> "  
smooth jaw, special groove  
glattes Maul mit Spezialkehlung  
boca lisa, especialmente acanalada  
mors lisse, avec stries spéciales  
morso liscio con scannellatura speciale

# Needle Holders



**Hegar-Baumgartner**  
**20-070-14**  
 14.5 cm / 5 7/8"



**Brown**  
**20-071-13**  
**20-071-18**  
 heavy pattern  
 kräftiges Modell  
 modelo fuerte  
 modèle fort  
 modello forte

**20-071-13**  
 13 cm / 5 1/8"  
 diagonally serrated jaw  
 Maul diagonal gerieft  
 boca estriada transversalmente  
 mors strié transversalement  
 con strie diagonali

**20-071-18**  
 18 cm / 7 1/8"



**Crile-Murray**  
**20-072-15**  
 15 cm / 5 7/8"  
 slender pattern  
 schlankes Modell  
 modelo delgado  
 modèle gracile  
 modello delicato



**Crile-Wood**  
**20-073-15** 15 cm / 5 7/8"  
**20-073-18** 18 cm / 7.08"

## Needle Holders



**Adson**  
20-074-18

18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "

both jaws fenestrated throughout  
beide Maulteile durchgehend gefenestert  
ambas mordazas completamente fenestradas  
les deux mors fenêtrés sur toute leur longueur  
entrambe le gole completamente a finestra



**Metzenbaum**  
20-075-18

18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "

one grooved and fenestrated jaw  
ein Maulteil gekehlt und gefenestert  
un lado de la boca acanalado y fenestrado  
un côté de mors strié et fenêtré  
una parte del morso scannellata e fenestrata



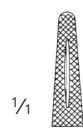
**M. G. Hospital**  
20-076-18

18 cm / 7 <sup>1</sup>/<sub>8</sub> "

heavy pattern  
kräftiges Modell  
modelo fuerte  
modèle fort  
modello forte



**Mayo-Hegar**  
20-077-14  
20-077-30



**20-077-14**  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "



**20-077-16**  
16 cm / 6 <sup>2</sup>/<sub>8</sub> "



**20-077-18**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "



**20-077-20**  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub> "



**20-077-24**  
24 cm / 9 <sup>4</sup>/<sub>8</sub> "

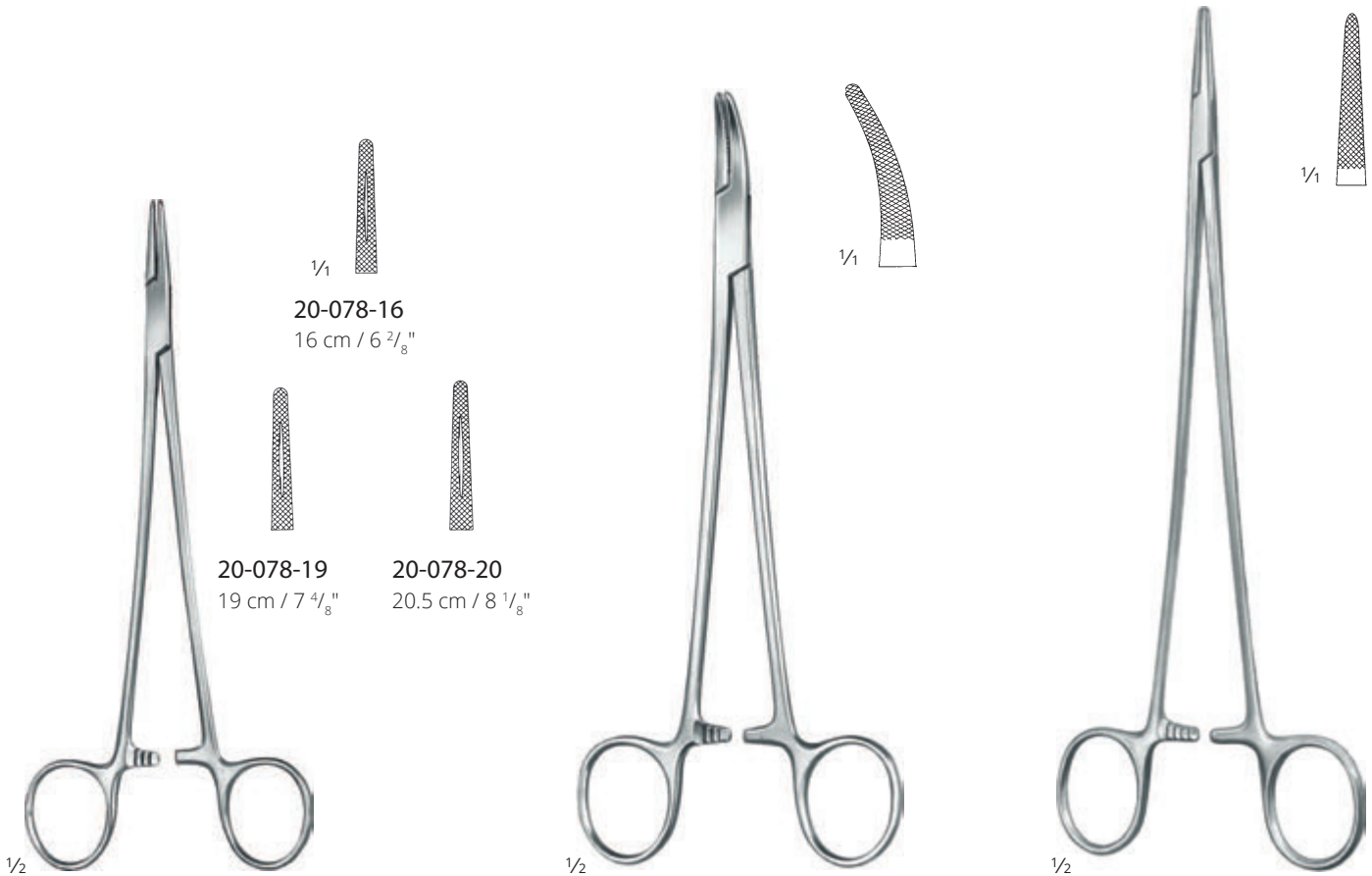


**20-077-26**  
26.5 cm / 10 <sup>3</sup>/<sub>8</sub> "



**20-077-30**  
30.5 cm / 12 "

# Needle Holders



**Mayo-Hegar**  
 20-078-16  
 20-078-20  
 slender pattern  
 schlankes Modell  
 modelo delgado  
 modèle gracile  
 modello delicato

**Heaney**  
 20-079-21  
 20.5 cm / 8 1/8"

**Jameson**  
 20-080-23  
 23 cm / 9"

## Needle Holders



1/2

**Masson**  
**20-081-27**  
26.5 cm / 10 <sup>3</sup>/<sub>8</sub> "  
heavy pattern  
kräftiges Modell  
modelo fuerte  
modèle fort  
modello forte



1/2

**Finochietto**  
**20-082-27**  
26.5 cm / 10 <sup>3</sup>/<sub>8</sub> "



## Needle Holders

20

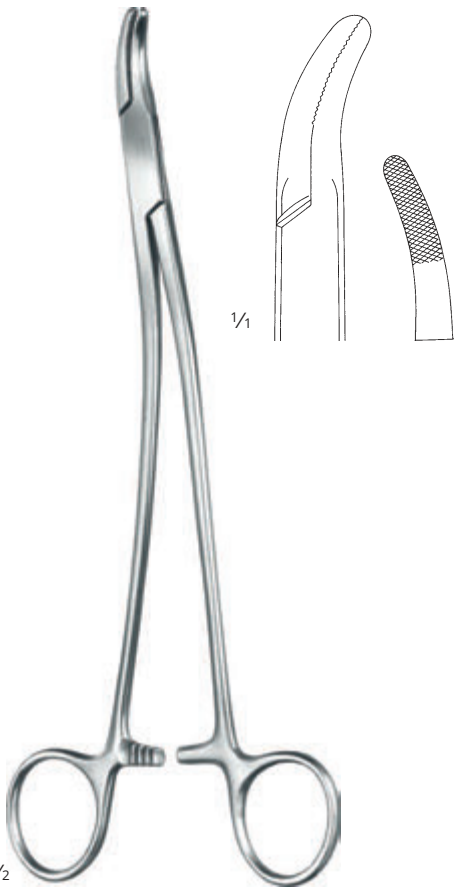


**Wangensteen**  
20-083-27  
26.5 cm / 10  $\frac{3}{8}$ "

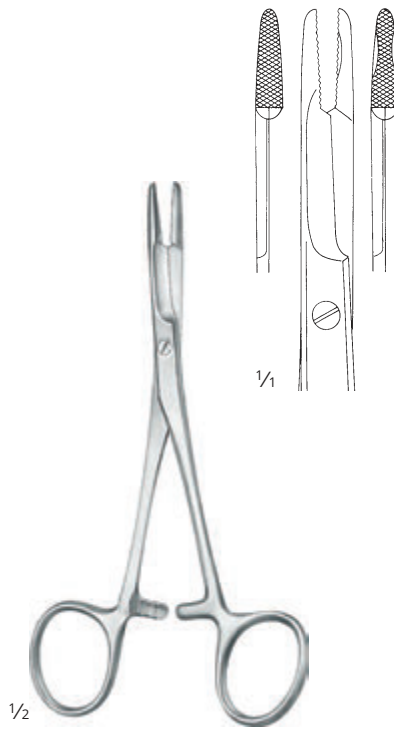


**Johnson**  
20-084-27  
27 cm / 10  $\frac{5}{8}$ "

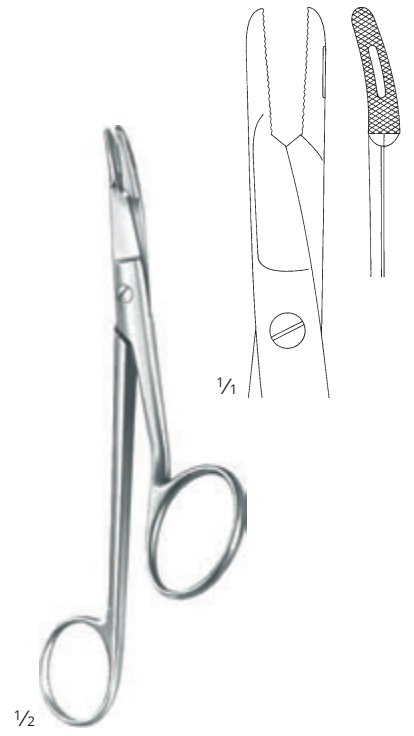
# Needle Holders



1/2  
**Stratte**  
 20-085-23  
 23 cm / 9"



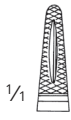
1/2  
**Olsen-Hegar**  
 20-086-14  
 14 cm / 5 4/8"



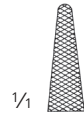
1/2  
**Gillies**  
 20-087-16  
 16 cm / 6 2/8"

# Needle Holders

20



1/2  
**Crile**  
20-088-15  
15 cm / 5 7/8"



1/1  
**20-089-14**  
14 cm / 5 4/8"

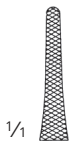


**20-089-17**  
17 cm / 6 6/8"



**20-089-20**  
20 cm / 7 7/8"

1/2  
**Mathieu**  
20-089-14  
20-089-20



1/1  
**20-090-14**  
14 cm / 5 4/8"



**20-090-17**  
17 cm / 6 6/8"

1/2  
**Mathieu**  
20-090-14  
20-090-17  
slender pattern  
schlankes Modell  
modelo delgado  
modèle gracile  
modello delicato



1/2  
**Lichtenberg**  
20-091-20  
20 cm / 7 7/8"

# Micro Needle Holders



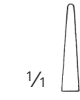
**20-092-16**  
16 cm / 6 2/8"   
smooth jaw  
glattes Maul  
boca lisa  
mors lisse  
morso liscio



**20-097-15**  
**20-097-13**



**20-093-23**  
**20-095-19**  
smooth jaw  
glattes Maul  
boca lisa  
mors lisse  
morso liscio



**20-093-23**  
23 cm / 9"



**20-094-23**  
23 cm / 9"



**20-095-19**  
19 cm / 7 4/8"



**Webster**  
**20-097-13**  
13 cm / 5 1/8"



**Crile-Wood**  
**20-097-15**  
15 cm / 5 7/8"

mini profile  
Miniprofil  
perfil mini  
profil mini  
profilo mini

with automatic release ratchet also for lefthanders  
mit Durchdrücksperrung auch für Linkshänder geeignet  
con cremallera automática también para zurdos  
avec crémaillère automatique aussi pour gauchers  
con cremagliera automatica anche per mancini



4-0 - 6-0

## TC GOLD



**Hepp-Scheidel**  
**20-096-18**  
18.5 cm / 7 2/8"   
smooth jaw  
glattes Maul  
boca lisa  
mors lisse  
morso liscio



6-0 - 12-0

# Micro Needle Holders

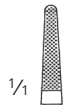
20

  
safety-wave

  
diamond-coated

**TC GOLD**

 2-0 - 4-0

 1/1



5-0 - 8-0





1/2

20-098-15  
20-101-23

1/1



	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto
	2.0 mm	2.0 mm	2.0 mm	2.0 mm
15 cm / 5 7/8" 	20-098-15	20-099-15	20-100-15	20-101-15
18 cm / 7 1/8" 	20-098-18	20-099-18	20-100-18	20-101-18
21 cm / 8 2/8" 	20-098-21	20-099-21	20-100-21	20-101-21
23 cm / 9" 	20-098-23	20-099-23	20-100-23	20-101-23



1/2

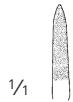
**JABOMA**  
**20-102-18**  
18 cm / 7 1/8"  
micro profile  
Mikroprofil  
perfil micro  
profil micro  
profilo micro

# Micro Needle Holders



1/2

20-103-15  
20-106-23



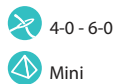
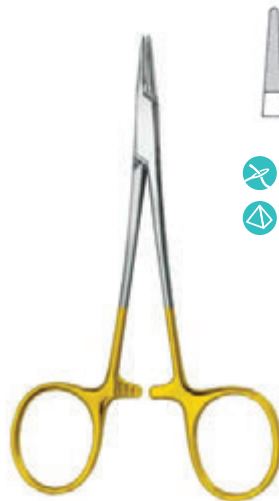
	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto
	2.0 mm	2.0 mm	2.0 mm	2.0 mm
15 cm / 5 7/8" <b>St</b>	20-103-15	20-104-15	20-105-15	20-106-15
18 cm / 7 1/8" <b>St</b>	20-103-18	20-104-18	20-105-18	20-106-18
21 cm / 8 2/8" <b>St</b>	20-103-21	20-104-21	20-105-21	20-106-21
23 cm / 9" <b>St</b>	20-103-23	20-104-23	20-105-23	20-106-23



20-109-19  
19 cm / 7 4/8"



20-109-23  
23 cm / 9"



Par-Style  
20-108-11  
11.5 cm / 4 1/2"



Heavy Duty  
20-109-19  
20-109-23

# Micro Needle Holders



1/2

20-110-14  
20-116-14

14,5 cm / 5 6/8"



safety-wave



diamond-coated



8-0 - 9-0

1/1



●	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto
	Ø 0.40 mm	Ø 0.40 mm	Ø 0.40 mm	Ø 0.40 mm

14.5 cm / 5 6/8" <b>St</b>	20-110-14	20-111-14	20-115-14	20-116-14
----------------------------	-----------	-----------	-----------	-----------



1/2

20-117-14  
20-120-14

14,5 cm / 5 6/8"



safety-wave



diamond-coated



8-0 - 9-0

1/1



●	with ratchet mit Sperre con trinquete avec cran d'arrêt con arresto	w/o ratchet ohne Sperre sin trinquete avec cran d'arrêt con arresto	w/o ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto	with ratchet ohne Sperre sin trinquete sans cran d'arrêt senza arresto
	Ø 0.40 mm	Ø 0.40 mm	Ø 0.40 mm	Ø 0.40 mm

14.5 cm / 5 6/8" <b>St</b>	20-117-14	20-118-14	20-119-14	20-120-14
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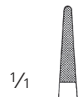
# Micro Needle Holders

## TC GOLD



1/2

Castroviejo  
20-121-14  
20-128-21



1/4

20-121-14  
14.5 cm / 5 5/8"



5-0 - 8-0

micro profile  
Mikroprofil  
perfil micro  
profil micro  
profilo micro



20-122-14  
14.5 cm / 5 5/8"



5-0 - 8-0

micro profile  
Mikroprofil  
perfil micro  
profil micro  
profilo micro



20-123-14  
14.5 cm / 5 5/8"



5-0 - 8-0

smooth jaw  
glattes Maul  
boca lisa  
mors lisse  
morso liscio

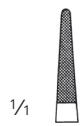


20-124-18  
18 cm / 7 1/8"



5-0 - 8-0

micro profile  
Mikroprofil  
perfil micro  
profil micro  
profilo micro



1/4

20-125-22  
22 cm / 8 5/8"



5-0 - 8-0

micro profile  
Mikroprofil  
perfil micro  
profil micro  
profilo micro



20-126-14  
14.5 cm / 5 5/8"



5-0 - 8-0

smooth jaw  
glattes Maul  
boca lisa  
mors lisse  
morso liscio



20-127-18  
18 cm / 7 1/8"



5-0 - 8-0

micro profile  
Mikroprofil  
perfil micro  
profil micro  
profilo micro



20-128-22  
22 cm / 8 5/8"



5-0 - 8-0

micro profile  
Mikroprofil  
perfil micro  
profil micro  
profilo micro



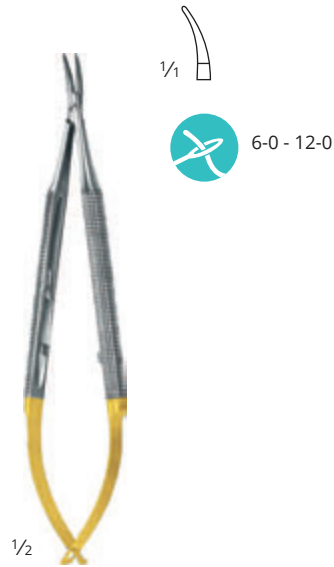
# Micro Needle Holders

## TC GOLD

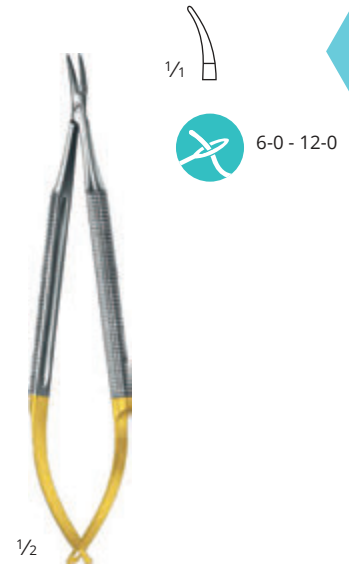
20



**Castroviejo**  
**20-129-12**  
 12.5 cm / 4 <sup>7</sup>/<sub>8</sub>"  
 with lock, smooth jaw  
 mit Sperre, glattes Maul  
 con cierre, boca lisa  
 avec serrure, mors lisse  
 con fermo, morso liscio



**Barraquer**  
**20-130-13**  
 13 cm / 5 <sup>1</sup>/<sub>8</sub>"  
 with lock, smooth jaw  
 mit Sperre, glattes Maul  
 con cierre, boca lisa  
 avec serrure, mors lisse  
 con fermo, morso liscio



**Barraquer**  
**20-131-13**  
 13 cm / 5 <sup>1</sup>/<sub>8</sub>"  
 smooth jaw  
 glattes Maul  
 boca lisa  
 mors lisse  
 morso liscio



**Webster**  
**20-132-13**  
 13 cm / 5 <sup>1</sup>/<sub>8</sub>"  
 smooth jaw  
 glattes Maul  
 boca lisa  
 mors lisse  
 morso liscio



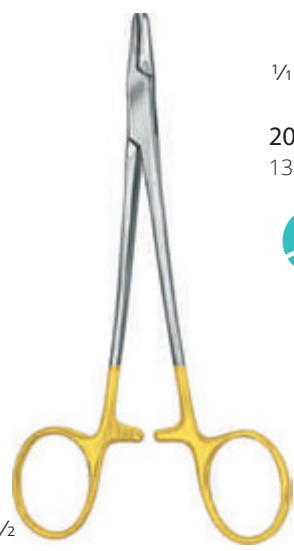















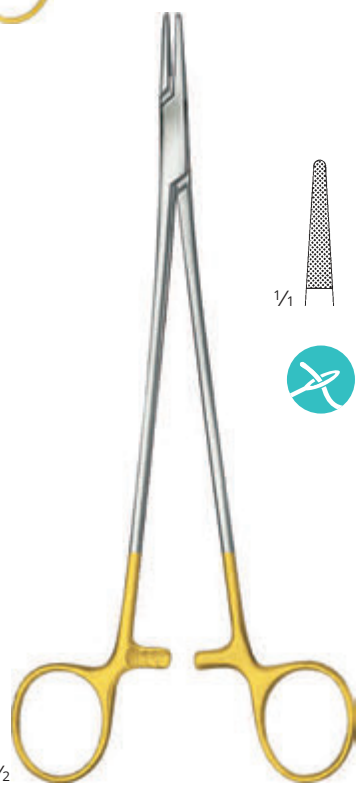


**Kilner**  
**20-133-14**  
 14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"  
 mini profile  
 Miniprofil  
 perfil mini  
 profil mini  
 profilo mini



**Derf**  
**20-134-12**  
 12 cm / 4 <sup>6</sup>/<sub>8</sub>"  
 mini profile  
 Miniprofil  
 perfil mini  
 profil mini  
 profilo mini

# Needle Holders

## TC GOLD

 <p>1/2</p>	 <p>1/4</p> <p>20-135-13 13 cm / 5 1/8"</p>  4-0 - 6-0	 <p>20-135-14 14.5 cm / 5 7/8"</p>  4-0 - 6-0	 <p>1/2</p>	 <p>1/4</p> <p>20-136-13 13 cm / 5 1/8" smooth jaw glattes Maul boca lisa mors lisse morso liscio</p>  6-0 - 12-0	 <p>20-137-13 13 cm / 5 1/8" mini profile Miniprofil perfil mini profil mini profilo mini</p>  4-0 - 6-0
<p><b>Hegar-Baumgartner</b> 20-135-13 20-135-14 mini profile Miniprofil perfil mini profil mini profilo mini</p>  <p>1/2</p>	 <p>1/4</p>  6-0 - 12-0	 <p>1/2</p>	 <p>1/4</p>  4-0 - 6-0	 <p>1/2</p>	 <p>1/4</p>  4-0 - 6-0
<p><b>Webster</b> 20-138-12 12 cm / 4 6/8" smooth jaw glattes Maul boca lisa mors lisse morso liscio</p>		<p><b>Crile-Wood</b> 20-139-15 15 cm / 5 7/8" mini profile Miniprofil perfil mini profil mini profilo mini</p>		<p><b>Crile-Wood</b> 20-140-20 20.5 cm / 8 1/8" mini profile Miniprofil perfil mini profil mini profilo mini</p>	

# Needle Holders

TC GOLD

20



1/2

**Sarot**  
**20-141-18**  
**20-141-26**  
 standard profile  
 Normalprofil  
 perfil estándar  
 profil normal  
 profilo normale



**20-141-18**  
 18 cm / 7 1/8"



**20-141-20**  
 20 cm / 7 7/8"



**20-141-26**  
 26 cm / 10 2/8"



1/2

**Mayo-Hegar**  
**20-142-16**  
**20-142-30**  
 standard profile  
 Normalprofil  
 perfil estándar  
 profil normal  
 profilo normale



**20-142-16**  
 16 cm / 6 2/8"



**20-142-18**  
 18.5 cm / 7 2/8"



**20-142-20**  
 20 cm / 7 7/8"



**20-142-24**  
 24 cm / 9 4/8"



**20-142-26**  
 26.5 cm / 10 2/8"









**20-142-30**  
 30 cm / 11 6/8"











# Needle Holders





## TC GOLD



		
20-143-20 20.5 cm / 8 1/8"	20-143-24 24 cm / 9 4/8"	20-143-26 26.5 cm / 10 3/8"
 6-0 - 4-0	 6-0 - 4-0	 6-0 - 4-0

**Heaney**  
20-143-20  
20-143-26  
standard profile  
Normalprofil  
perfil estándar  
profil normal  
profilo normale

			
20-144-18 18 cm / 7 1/8"	20-144-20 20.5 cm / 8 1/8"	20-144-23 23 cm / 9"	
 6-0 - 4-0	 6-0 - 4-0	 6-0 - 4-0	 6-0 - 4-0

	
20-144-26 26.5 cm / 10 3/8"	20-144-31 31 cm / 12 2/8"
 6-0 - 4-0	 6-0 - 4-0

**De Bakey**  
20-144-18 - 20-144-23  
slender pattern, mini profile  
schlanke Modell, Miniprofil  
modelo delgado, perfil mini  
modèle gracileprofil mini  
modello delicato, profilo mini



**Masson**  
20-145-27  
26.5 cm / 10 3/8"  
standard profile  
Normalprofil  
perfil estándar  
profil normal  
profilo normale

1/2

1/2

# Needle Holders

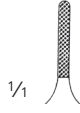





## TC GOLD

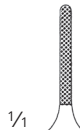





20



Ryder (Martin)

- 20-146-13
- 20-146-13
- standard profile
- Normalprofil
- perfil estándar
- profil normal
- profilo normale







 $\frac{1}{4}$	 $\frac{1}{4}$	 $\frac{1}{4}$
<b>20-146-13</b> 12.5 cm / 4 $\frac{7}{8}$ "	<b>20-146-15</b> 15 cm / 5 $\frac{7}{8}$ "	<b>20-146-18</b> 18 cm / 7 $\frac{1}{8}$ "
 4-0 - 6-0	 4-0 - 6-0	 4-0 - 6-0

 $\frac{1}{4}$	 $\frac{1}{4}$	 $\frac{1}{4}$
<b>20-146-20</b> 20 cm / 7 $\frac{7}{8}$ "	<b>20-146-23</b> 23 cm / 9"	<b>20-146-26</b> 26 cm / 10 $\frac{2}{8}$ "
 4-0 - 6-0	 4-0 - 6-0	 4-0 - 6-0



Martin

- 20-147-15
- 20-147-20
- mini profile, elastic tip
- Miniprofil, elastisches Modell
- perfil mini, modelo elástico
- profil mini, modèle souple
- profilo mini, modello molle

 $\frac{1}{4}$	 $\frac{1}{4}$	 $\frac{1}{4}$
<b>20-147-15</b> 15 cm / 5 $\frac{7}{8}$ "	<b>20-147-17</b> 17 cm / 6 $\frac{6}{8}$ "	<b>20-147-20</b> 20.5 cm / 8 $\frac{1}{8}$ "
 4-0 - 6-0	 4-0 - 6-0	 4-0 - 6-0

# Needle Holders

## TC GOLD



1/2

**Wangensteen**  
**20-148-27**  
 27 cm / 10 5/8"  
 standard profile  
 Normalprofil  
 perfil estándar  
 profil normal  
 profilo normale



1/1



0-6 - 0-4



1/2

**Hegar-Vascular**  
**20-149-14**  
**20-149-23**  
 micro profile  
 Mikroprofil  
 perfil micro  
 profil micro  
 profilo micro



1/1

**20-149-14**  
 14 cm / 5 4/8"



5-0 - 8-0



**20-149-18**  
 18.5 cm / 7 2/8"



5-0 - 8-0



**20-149-20**  
 20.5 cm / 8 1/8"



5-0 - 8-0



**20-149-23**  
 23 cm / 9"



5-0 - 8-0

# Needle Holders

TC GOLD

20



1/2

**Bozemann**  
**V20-150-20**  
**V20-150-28**  
 standard profile  
 Normalprofil  
 perfil estándar  
 profil normal  
 profilo normale



**20-150-20**  
 20.5 cm / 7 2/8"



**20-150-24**  
 24 cm / 9 4/8"



**20-150-26**  
 26 cm / 10 4/8"



**20-150-28**  
 30 cm / 11 6/8"



1/2

**Hegar**  
**V20-151-20**  
**V20-151-24**  
 standard profile  
 Normalprofil  
 perfil estándar  
 profil normal  
 profilo normale



**20-151-20**  
 20 cm / 7 7/8"



**20-151-24**  
 24 cm / 9 4/8"



# Needle Holders

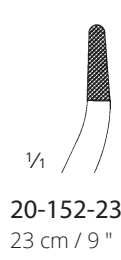
TC GOLD



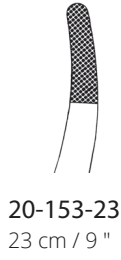
1/2

**Stratte**  
20-152-23  
20-153-23

standard profile  
Normalprofil  
perfil estándar  
profil normal  
profilo normale



20-152-23  
23 cm / 9 "



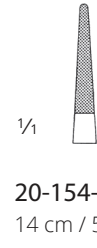
20-153-23  
23 cm / 9 "



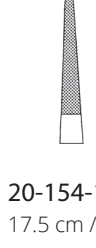
1/2

**Microvascular**  
20-154-14  
20-154-23

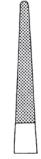
micro profile, delicate pattern  
Mikroprofil, schlankes Modell  
perfil micro, modelo delgado  
profil micro, modèle gracile  
profilo micro, modelo gracile



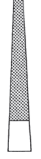
20-154-14  
14 cm / 5 4/8 "



20-154-17  
17.5 cm / 6 7/8 "



20-154-20  
20 cm / 7 7/8 "



20-154-23  
23 cm / 9 "





# Needle Holders

## TC GOLD

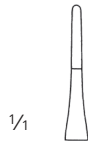
20



1/2

**Martini**  
20-155-14  
20-155-20

smooth jaw, delicate pattern  
glattes, schlankes Modell  
boca lisa, modelo delgado  
mors lisse, modèle gracile  
morso liscio, modelo gracile



1/4

**20-155-14**  
14 cm / 5 4/8"



5-0 - 8-0



**20-155-16**  
15 cm / 5 7/8"



5-0 - 8-0



**20-155-17**  
17.5 cm / 6 7/8"



5-0 - 8-0



**20-155-20**  
20 cm / 7 7/8"



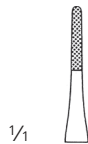
5-0 - 8-0



1/2

**Martini**  
20-156-14  
20-156-20

micro profile, delicate pattern  
Mikroprofil, schlankes Modell  
perfil micro, modelo delgado  
profil micro, modèle gracile  
profilo micro, modelo gracile



1/4

**20-156-14**  
14 cm / 5 4/8"



5-0 - 8-0



**20-156-15**  
15 cm / 5 7/8"



5-0 - 8-0



**20-156-17**  
17.5 cm / 6 7/8"



5-0 - 8-0



**20-156-20**  
20 cm / 7 7/8"



5-0 - 8-0

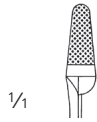
# Needle Holders

## TC GOLD



1/2

**Olsen Hegar**  
**20-157-14**  
**20-157-18**  
 standard profile  
 Normalprofil  
 perfil estándar  
 profil normal  
 profilo normale



1/4

**20-157-14**  
 14.5 cm / 5 7/8"



**20-157-17**  
 17 cm / 6 6/8"



**20-157-18**  
 19 cm / 7 4/8"



1/2

**Foster-Gillies**  
**20-158-11**  
 11 cm / 4 3/8"  
 smooth jaw  
 glattes Maul  
 boca lisa  
 mors lisse  
 morso liscio



1/4



1/2

**Gillies-Mini**  
**20-159-15**  
 15 cm / 5 7/8"  
 mini profile  
 Miniprofil  
 perfil mini  
 profil mini  
 profilo mini



1/4



1/2

**Gillies**  
**20-160-16**  
 16 cm / 6 2/8"  
 standard profile  
 Normalprofil  
 perfil estándar  
 profil normal  
 profilo normale



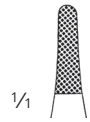
1/4



# Needle Holders

TC GOLD

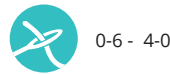
20



**20-161-14**  
14 cm / 5 <sup>4</sup>/<sub>8</sub>"



**20-161-17**  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"

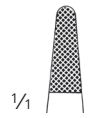


**20-161-20**  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"



**Mathieu**  
**20-161-14**  
**20-161-20**  
standard profile  
Normalprofil  
perfil estándar  
profil normal  
profilo normale

1/2



**20-162-14**  
14 cm / 5 <sup>4</sup>/<sub>8</sub>"



**20-162-17**  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



**20-162-20**  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"





**Mathieu**  
**20-162-14**  
**20-162-20**  
standard profile  
Normalprofil  
perfil estándar  
profil normal  
profilo normale

1/2

# Needle Holders


## TC GOLD







20-163-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "

 0-6 - 4-0




20-163-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "


 0-6 - 4-0




20-163-23  
23 cm / 9 "

 0-6 - 4-0

**Mathieu**  
20-163-17  
20-163-23  
standard profile, with interior ratchet  
Normalprofil, mit Innensperre  
perfil estándar, con cremallera interior  
profil normal, avec crémaillère interne  
profilo normale, con cremagliera interna







0-6 - 4-0

**Toennis**  
20-164-17  
18 cm / 7 <sup>1</sup>/<sub>8</sub> "

standard profile  
Normalprofil  
perfil estándar  
profil normal  
profilo normale







0-6 - 4-0

**Kübler**  
20-165-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub> "

Standard





0-6 - 4-0













**Lichtenberg**  
20-166-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "

standard profile  
Normalprofil  
perfil estándar  
profil normal  
profilo normale

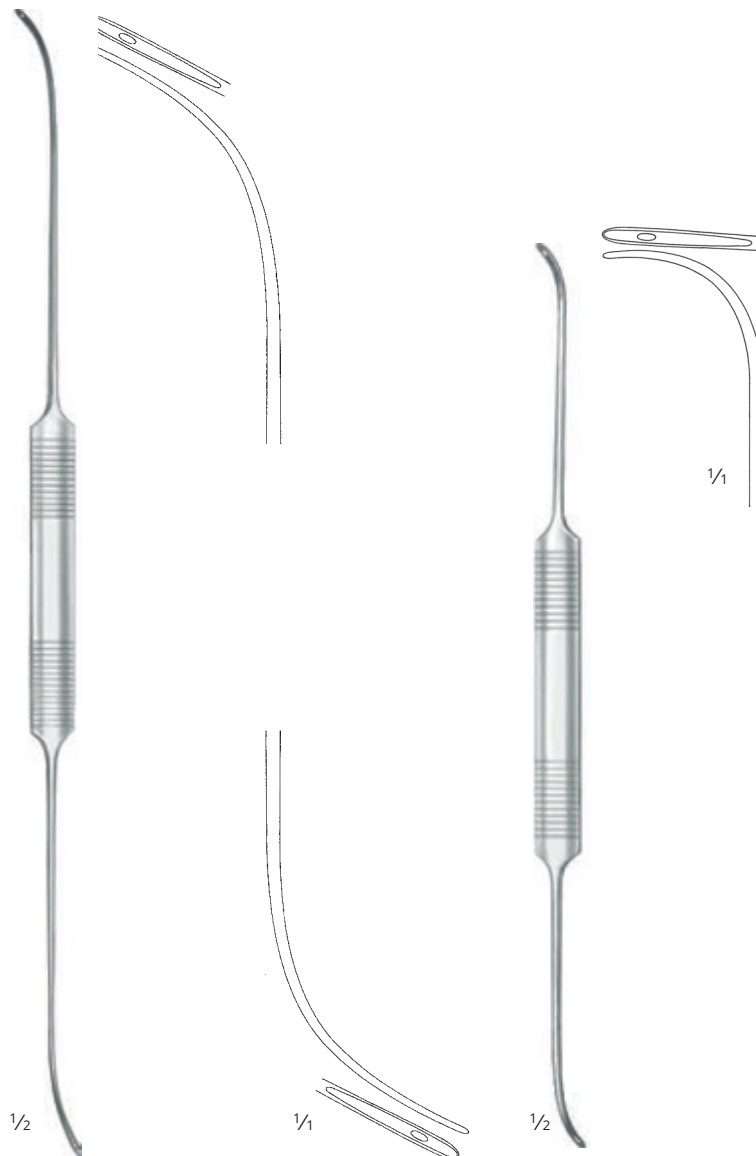
# Needle Holders

20

TC GOLD

 <p>1/2</p>	 <p>1/4</p>			 <p>1/2</p>	 <p>1/4</p>	
	<p><b>20-167-18</b> 18.5 cm / 7 2/8"</p>	<p><b>20-167-20</b> 20.5 cm / 8 1/8"</p>	<p><b>20-167-23</b> 23 cm / 9"</p>		<p><b>20-168-20</b> 20.5 cm / 8 1/8"</p>	<p><b>20-168-23</b> 23 cm / 9"</p>
	 0-6 - 4-0	 0-6 - 4-0	 0-6 - 4-0		 0-6 - 4-0	 0-6 - 4-0
	<p><b>Langenbeck</b> <b>20-167-18</b> <b>20-167-23</b> standard profile Normalprofil perfil estándar profil normal profilo normale</p>				<p><b>Zweifel</b> <b>20-168-20</b> <b>20-168-23</b> with hinged ratchet, standard profile mit Klappsperr, Normalprofil con cremallera abatible, perfil estándar avec crémaillère repliable, profil normal con cremagliera a scatto, profilo normale</p>	

## Needle Holder, Ligature Needles



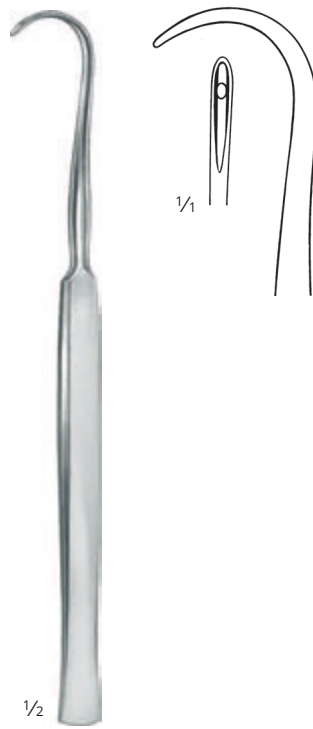
**Schmieden-Dick**  
 20-169-30  
 30 cm / 11 <sup>6</sup>/<sub>8</sub>"  
 malleable  
 biegsam  
 maleable  
 malléable  
 malleabili

**Schmieden**  
 20-170-24  
 24 cm / 9 <sup>4</sup>/<sub>8</sub>"

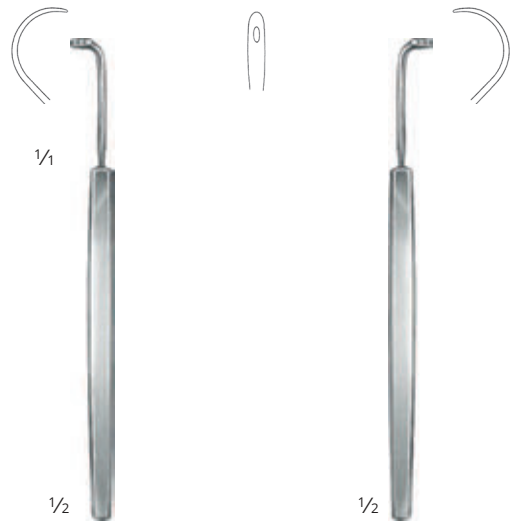
# Ligature Needles



**20-171-20**  
 20 cm / 7 <sup>7</sup>/<sub>8</sub>"  
 malleable  
 biegsam  
 maleable  
 malléable  
 malleabili



**Cooper**  
**20-172-20**  
 20 cm / 7 <sup>7</sup>/<sub>8</sub>"



**Kronecker**  
**20-173-12**  
 12 cm / 4 <sup>6</sup>/<sub>8</sub>"  
 delicate, for right hand  
 fein, für die rechte Hand  
 fina, para la mano derecha  
 fine, pour la main droite  
 fino, per la mano destra

**Kronecker**  
**20-174-12**  
 12 cm / 4 <sup>6</sup>/<sub>8</sub>"  
 delicate, for left hand  
 fein, für die linke Hand  
 fina, para la mano izquierda  
 fine, pour la main gauche  
 fino, per la mano sinistra

## Ligature Needles



**Deschamps**  
20-175-24  
24 cm / 9 <sup>4</sup>/<sub>8</sub>"

blunt, for right hand  
stumpf, für die rechte Hand  
roma para la mano derecha  
mousse, pour la main droite  
smusso, per la mano destra



**Deschamps**  
20-176-24  
24 cm / 9 <sup>4</sup>/<sub>8</sub>"

blunt, for left hand  
stumpf, für die linke Hand  
roma para la mano izquierda  
mousse, pour la main gauche  
smusso, per la mano sinistra



**Deschamps**  
20-177-20  
20 cm / 7 <sup>4</sup>/<sub>8</sub>"

blunt, for right hand  
stumpf, für die rechte Hand  
roma para la mano derecha  
mousse, pour la main droite  
smusso, per la mano destra



**Deschamps**  
20-178-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"

blunt, for left hand  
stumpf, für die linke Hand  
roma para la mano izquierda  
mousse, pour la main gauche  
smusso, per la mano sinistra



# Ligature Needles



**Deschamps**  
**20-179-20**  
 20 cm / 7 <sup>7</sup>/<sub>8</sub> "  
 sharp, for right hand  
 scharf, für die rechte Hand  
 aguda para la mano derecha  
 aiguë, pour la main droite  
 acuto, per la mano destra



**Deschamps**  
**20-180-20**  
 20 cm / 7 <sup>7</sup>/<sub>8</sub> "  
 sharp, for left hand  
 scharf, für die linke Hand  
 aguda para la mano izquierda  
 aiguë, pour la main gauche  
 acuto, per la mano sinistra

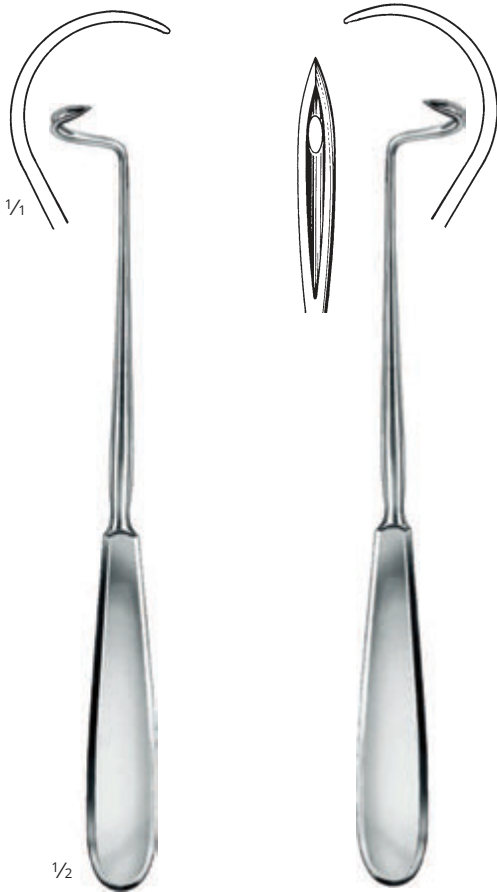


**Deschamps**  
**20-181-20**  
 20 cm / 7 <sup>7</sup>/<sub>8</sub> "  
 blunt, for right hand  
 stumpf, für die rechte Hand  
 roma para la mano derecha  
 mousse, pour la main droite  
 smusso, per la mano destra



**Deschamps**  
**20-182-20**  
 20 cm / 7 <sup>7</sup>/<sub>8</sub> "  
 blunt, for left hand  
 stumpf, für die linke Hand  
 roma para la mano izquierda  
 mousse, pour la main gauche  
 smusso, per la mano sinistra

## Ligature Needles



**Deschamps**  
**20-183-20**  
 20 cm / 7 <sup>7</sup>/<sub>8</sub>"

sharp, for right hand  
 scharf, für die rechte Hand  
 aguda para la mano derecha  
 aiguë, pour la main droite  
 acuto, per la mano destra

**Deschamps**  
**20-184-20**  
 20 cm / 7 <sup>7</sup>/<sub>8</sub>"

sharp, for left hand  
 scharf, für die linke Hand  
 aguda para la mano izquierda  
 aiguë, pour la main gauche  
 acuto, per la mano sinistra



**Deschamps**  
**20-185-27**  
 27 cm / 10 <sup>5</sup>/<sub>8</sub>"

blunt, for right hand  
 stumpf, für die rechte Hand  
 roma para la mano derecha  
 mousse, pour la main droite  
 smusso, per la mano destra

**Deschamps**  
**20-186-27**  
 27 cm / 10 <sup>5</sup>/<sub>8</sub>"

blunt, for left hand  
 stumpf, für die linke Hand  
 roma para la mano izquierda  
 mousse, pour la main gauche  
 smusso, per la mano sinistra

## Ligature Needles

20



### Deschamps

20-187-27

27 cm / 10 <sup>5</sup>/<sub>8</sub> "

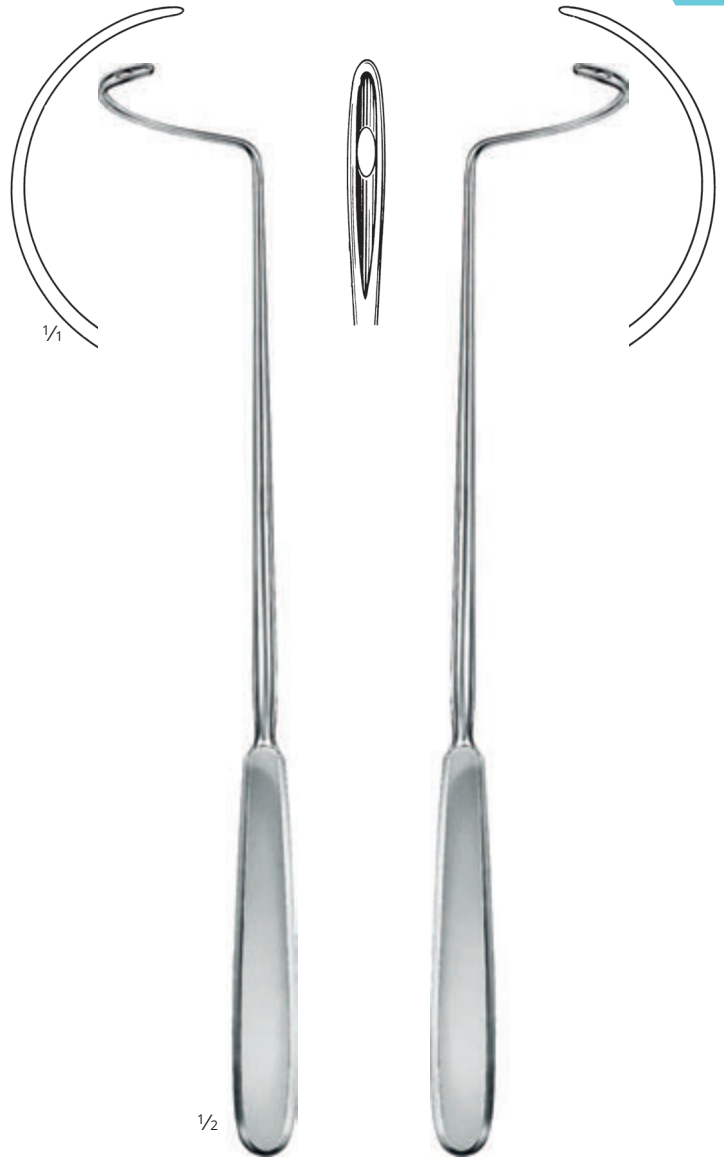
sharp, for right hand  
scharf, für die rechte Hand  
aguda para la mano derecha  
aiguë, pour la main droite  
acuto, per la mano destra

### Deschamps

20-188-27

27 cm / 10 <sup>5</sup>/<sub>8</sub> "

sharp, for left hand  
scharf, für die linke Hand  
aguda para la mano izquierda  
aiguë, pour la main gauche  
acuto, per la mano sinistra



### Deschamps

20-189-28

28 cm / 11 "

blunt, for right hand  
stumpf, für die rechte Hand  
roma para la mano derecha  
mousse, pour la main droite  
smusso, per la mano destra

### Deschamps

20-190-28

28 cm / 11 "

blunt, for left hand  
stumpf, für die linke Hand  
roma para la mano izquierda  
mousse, pour la main gauche  
smusso, per la mano sinistra

## Ligature Needles



**Deschamps**

**20-191-21**

21 cm / 8 <sup>2</sup>/<sub>8</sub> "

sharp, for right hand  
scharf, für die rechte Hand  
aguda para la mano derecha  
aiguë, pour la main droite  
acuto, per la mano destra



**Deschamps**

**20-192-21**

21 cm / 8 <sup>2</sup>/<sub>8</sub> "

sharp, for left hand  
scharf, für die linke Hand  
aguda para la mano izquierda  
aiguë, pour la main gauche  
acuto, per la mano sinistra



**Deschamps**

**20-193-21**

21 cm / 8 <sup>2</sup>/<sub>8</sub> "

blunt, for right hand  
stumpf, für die rechte Hand  
roma para la mano derecha  
mousse, pour la main droite  
smusso, per la mano destra



**Deschamps**

**20-194-21**

21 cm / 8 <sup>2</sup>/<sub>8</sub> "

blunt, for left hand  
stumpf, für die linke Hand  
roma para la mano izquierda  
mousse, pour la main gauche  
smusso, per la mano sinistra

# Ligature Needles, Ligature Conductors



**Deschamps**  
**20-195-21**  
 21 cm / 8 2/8"   
 blunt, for right hand  
 stumpf, für die rechte Hand  
 roma para la mano derecha  
 mousse, pour la main droite  
 smusso, per la mano destra

**Deschamps**  
**20-196-21**  
 21 cm / 8 2/8"   
 blunt, for left hand  
 stumpf, für die linke Hand  
 roma para la mano izquierda  
 mousse, pour la main gauche  
 smusso, per la mano sinistra



**Brunner**  
**20-197-30**  
**20-200-30**  
 30 cm / 11 6/8"



Fig.1  
 20-197-30

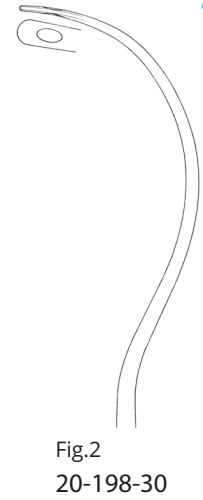


Fig.2  
 20-198-30

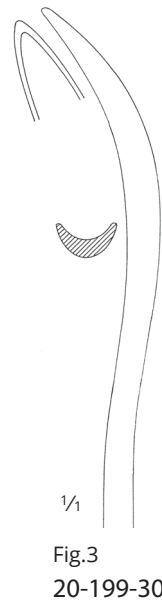


Fig.3  
 20-199-30

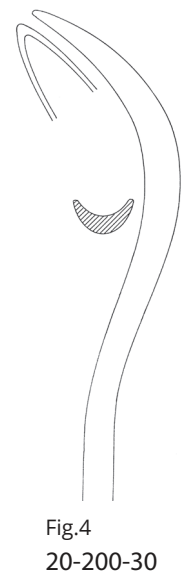
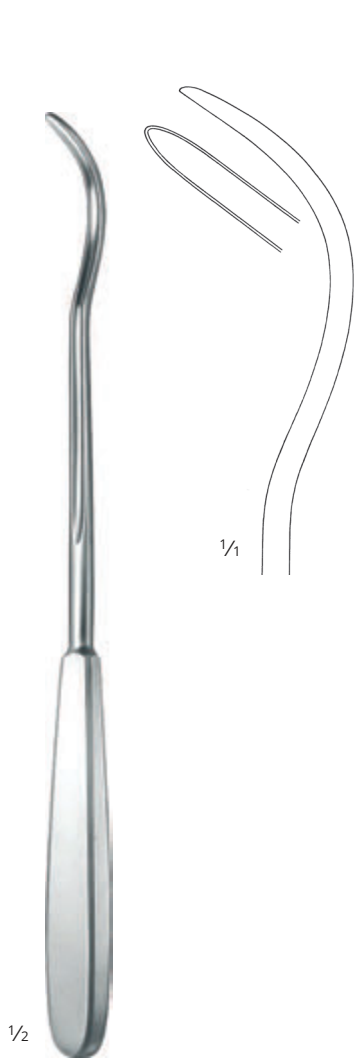
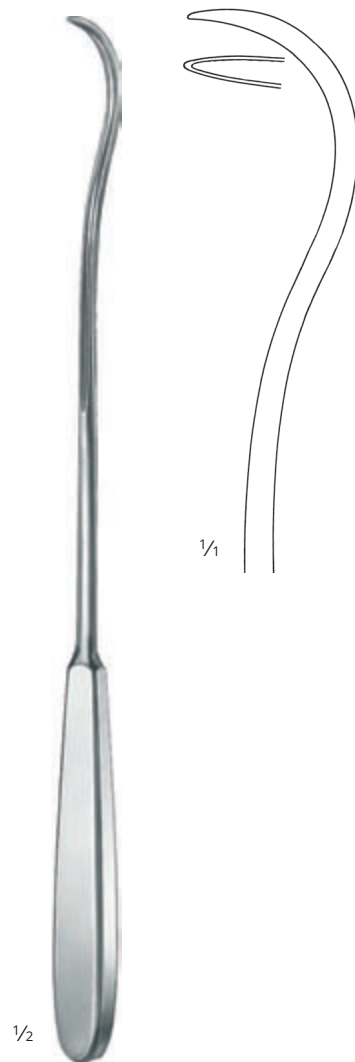


Fig.4  
 20-200-30

# Ligature Conductors



**Kirschner**  
20-201-25  
25.5 cm / 10 "

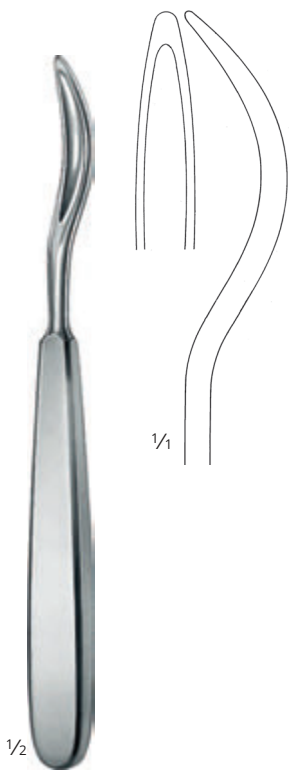


**20-202-28**  
28 cm / 11"

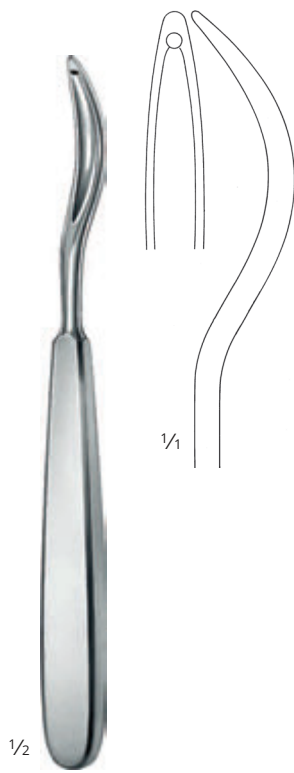


**Mod. Martin**  
20-203-25  
19.5 cm / 7 <sup>5</sup>/<sub>8</sub> "

# Ligature Conductors



Schmieden  
20-204-18  
18 cm / 7 1/8"



Schmieden-Payr  
20-205-18  
18 cm / 7 1/8"



König  
20-206-01  
20-206-03



Fig.1  
20-206-01  
20 cm / 7 7/8"



Fig.2  
20-206-02  
20 cm / 7 7/8"



Fig.3  
20-206-03  
20 cm / 7 7/8"

# Ligature Conductors



Payr  
20-207-22  
20-208-22  
22 cm / 8 <sup>5</sup>/<sub>8</sub> "



Modell Wien  
20-209-23  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "  
Ligature Catcher  
Fadenfänger  
Captador de hilos  
Porte-ligature  
Portalegature



Modell Wien  
20-210-22  
22 cm / 8 <sup>5</sup>/<sub>8</sub> "  
Knot Tier  
Schlingendreher  
Tuerce-lazos  
Tords-fil  
Torcifilo



20-211-23  
23 cm / 9 "  
Ligature Adjuster  
Fadengabel  
Horquilla de hilos  
Pousse-fil  
Forchetta da sutura



## Clip Applying Forceps

20



**Childe**

**20-212-17**

17 cm / 6 <sup>6</sup>/<sub>8</sub> "

Approximation Forceps  
Wundrandpinzette  
Pinza aproximadora  
Pincès à poser les agrafes  
Pinza per i margini della ferita

heavy pattern, with clip holder  
kräftig, mit Klammerschiene  
modelo fuerte, con barra para agrafes  
modèle fort, avec porte-agrafe  
modello forte, con portaagrafes



1/2

**Michel**

**20-213-12**

12 cm / 4 <sup>6</sup>/<sub>8</sub> "



1/2

**Hegenbarth**

**20-214-12**

12 cm / 4 <sup>6</sup>/<sub>8</sub> "



1/2

**Wachenfeldt**

**20-215-12**

12 cm / 4 <sup>6</sup>/<sub>8</sub> "



1/2

**Michel**

**20-216-12**

12.5 cm / 4 <sup>7</sup>/<sub>8</sub> "

for applying and removal of clips  
zum Anlegen und Abnehmen von Klammern  
para aplicar y quitar agrafes  
pour appliquer et enlever les agrafes  
per applicare e togliere le agrafes



1/2

**Michel**

**20-217-13**

13 cm / 4 "

long jaw, for applying and removal of clips  
langes Maul, zum Anlegen und Abnehmen  
von Klammern  
boca larga, para aplicar y quitar agrafes  
pour appliquer et enlever les agrafes  
morso lungo, per applicare e togliere  
le agrafes



1/2

**Richter**

**20-218-14**

13.5 cm / <sup>5</sup>/<sub>8</sub> "

screw lock  
mit Schraubschluß  
articulación a tornillo  
articulation à vis  
articolazione a vite



1/2

**Raney**

**8-191-03**

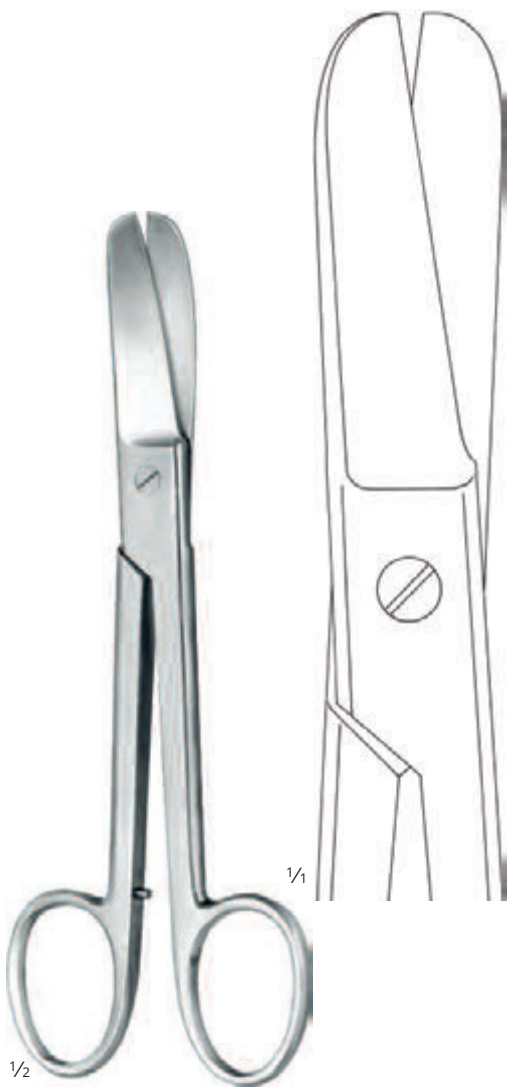
15.5 cm / 6 "



22

# Dressings

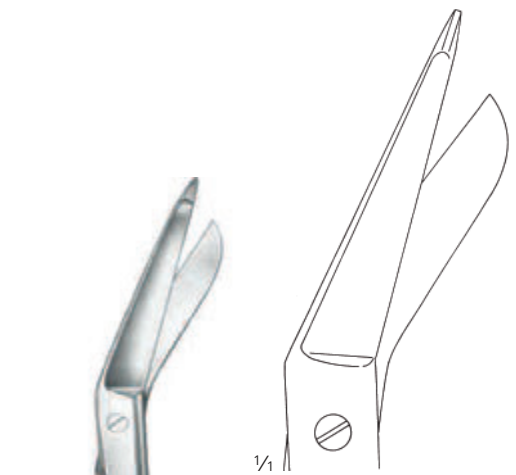
# Bandage Scissors



**Lorenz**  
**22-001-23**  
 24 cm / 9 <sup>4</sup>/<sub>8</sub> "  
 heavy pattern  
 kräftiges Modell  
 modelo fuerte  
 modèle fort  
 modello forte



**22-002-14**  
 14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "



- 22-003-09** 9 cm / 3.54"
- 22-003-14** 14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "
- 22-003-18** 18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "
- 22-003-20** 20 cm / 7 <sup>7</sup>/<sub>8</sub> "

**Lister**  
**22-003-14**  
**22-003-20**

## Plaster Shears



### Bergmann

22-004-23

23 cm / 9"

heavy pattern  
kräftiges Modell  
modelo fuerte  
modèle fort  
modello forte

### Esmarch

22-005-20 20 cm / 7.87"

22-016-01 18 cm / 7.08"

heavy pattern, short blades  
kräftiges Modell, kurze Blätter  
modelo fuerte, hojas cortas  
modèle fort, lames courtes  
modello forte, lame curve

## Bandage Scissors, Plaster Shears

22



Universal

22-006-15 15.5 cm / 6 1/8"

22-006-19 19 cm / 7 4/8"

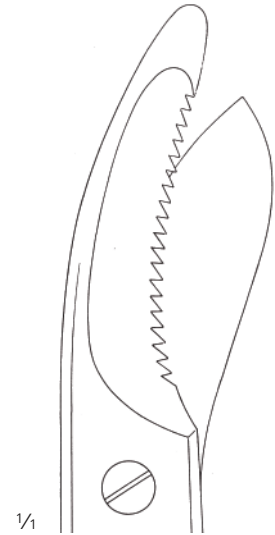
black plastic rings, autoclavable  
 schwarze Kunststoffringe, autoklavierbar  
 anillos negros, plástico, autoclavable  
 avec anneaux en matière plastique noire, autoclavable  
 anelli neri di materia plastica, sterilizzabile in autoclave



Bruns

22-007-24

22-008-24



22-007-24

24 cm / 9 4/8"

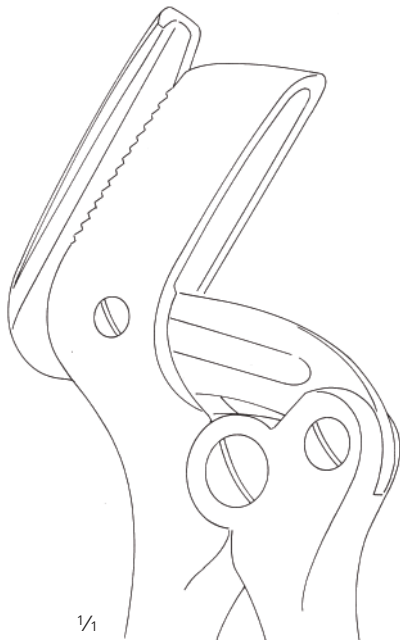
one toothed cutting edge  
 eine Schneide gezahnt  
 una hoja dentada  
 une lame dentelée  
 una lama dentata



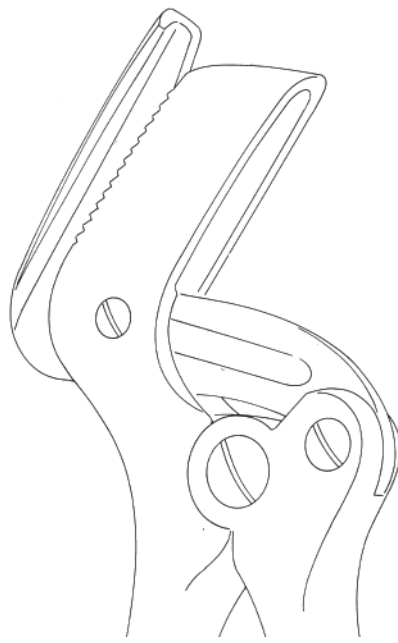
22-008-24

24 cm / 9 4/8"

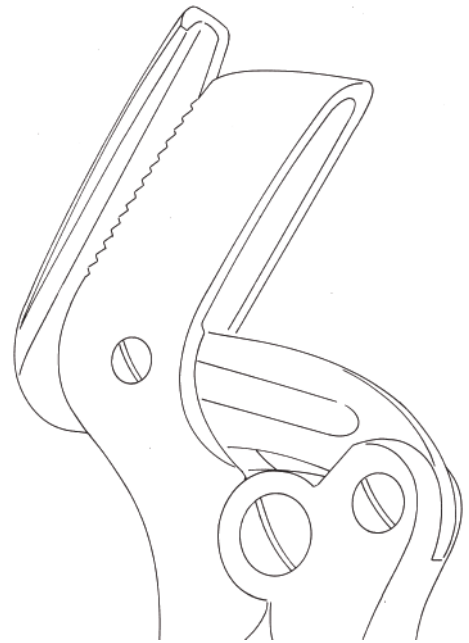
## Plaster Shears



**22-009-23**  
23 cm / 9 "



**22-009-26**  
27 cm / 10 <sup>5</sup>/<sub>8</sub> "



**22-009-38**  
38 cm / 15 "

**22-010-23**

Spare Blade  
Ersatzmesser  
Hoja de recambio  
Lame de rechange  
Lama di ricambio

**22-010-26**

Spare Blade  
Ersatzmesser  
Hoja de recambio  
Lame de rechange  
Lama di ricambio

**22-010-38**

Spare Blade  
Ersatzmesser  
Hoja de recambio  
Lame de rechange  
Lama di ricambio

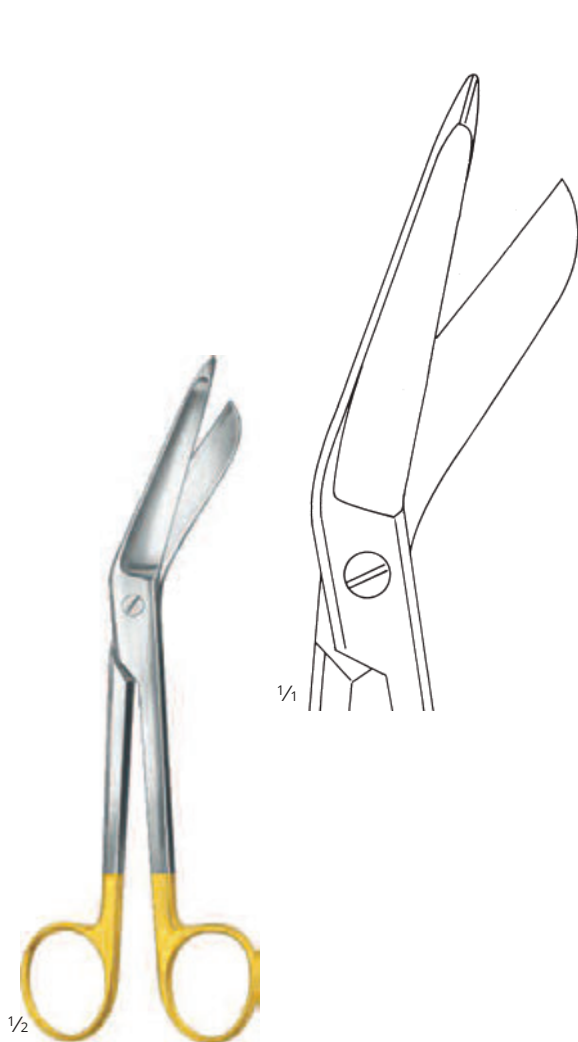


**Stille-Martin**  
22-009-23  
22-010-38

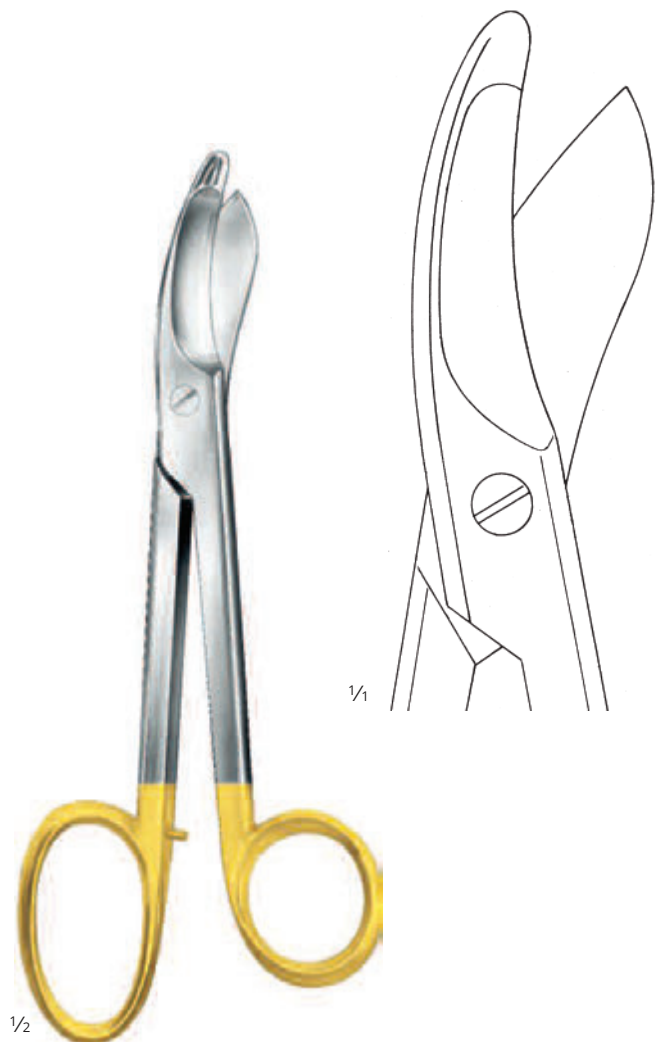
## Bandage Scissors, Plaster Shears

TC GOLD

22

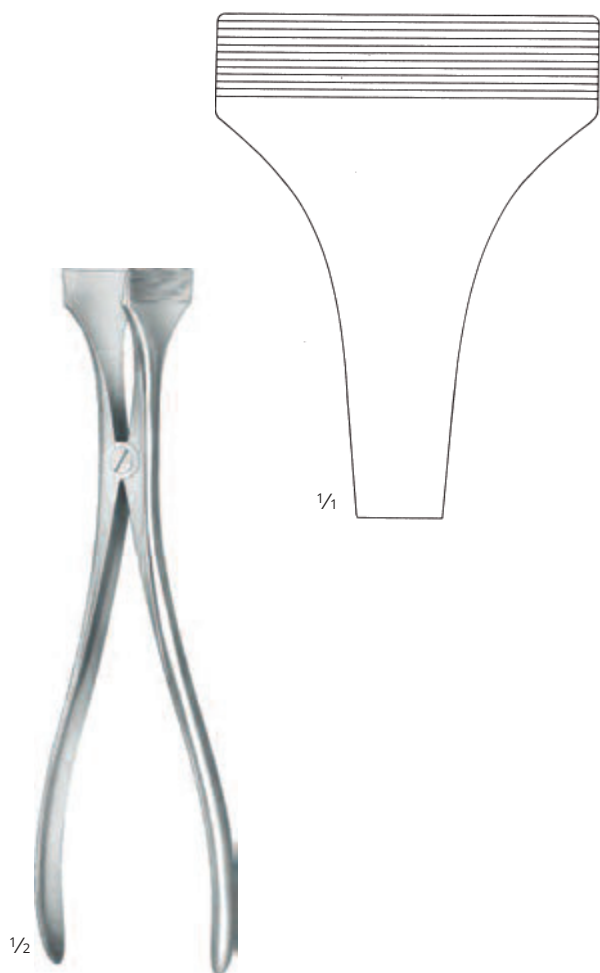


Lister  
22-011-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"

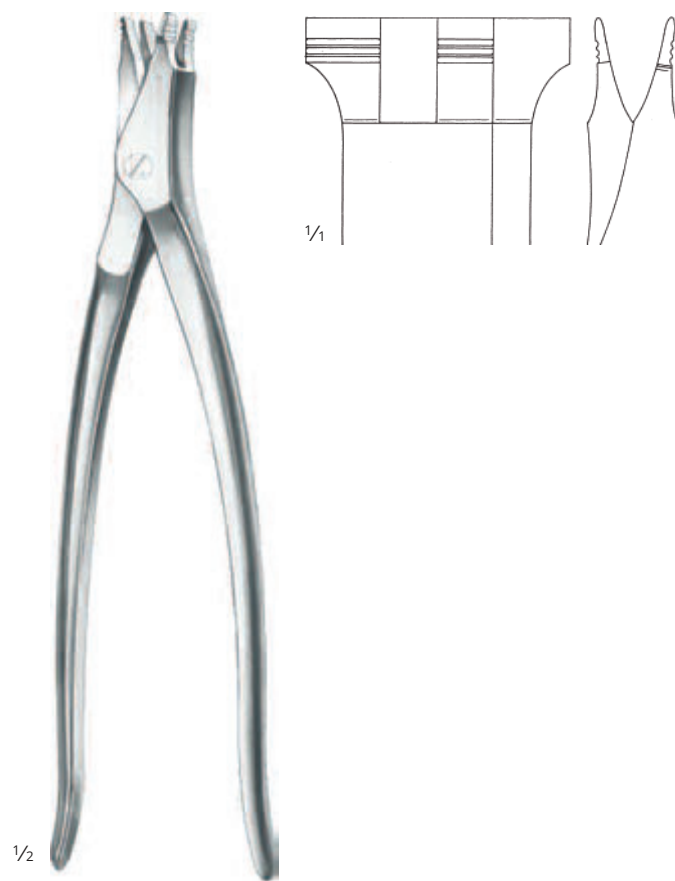


Bruns  
22-012-24  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub>"

## Plaster Shears



**Hennig**  
22-013-28  
28 cm / 11 "



**Quattro**  
22-014-23  
23 cm / 9 "



## Plaster Shears

22



Wolff  
22-015-18  
22-015-26



22-015-18  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub> "



22-015-26  
26.5 cm / 10 <sup>3</sup>/<sub>8</sub> "



24

# Bone Surgery

# Amputation Saws



Spare Saw Blades  
Ersatzsägeblätter  
Hojas de recambio  
Lames de rechange  
Lame di ricambio

- 24-001-92 = 12 mm
- 24-001-95 = 15 mm
- 24-001-98 = 18 mm

Charrière  
24-001-35  
24-001-98  
35 cm / 13 <sup>6</sup>/<sub>8</sub> "



Langenbeck  
24-002-23  
24 cm / 9 <sup>4</sup>/<sub>8</sub> "



Spare Saw Blade  
Ersatzsägeblatt  
Hoja de recambio  
Lame de rechange  
Lama di ricambio

- 24-003-90

Charrière  
24-003-35  
24-003-90  
26.5 cm / 10 <sup>3</sup>/<sub>8</sub> "

## Reamer, Hand Drills



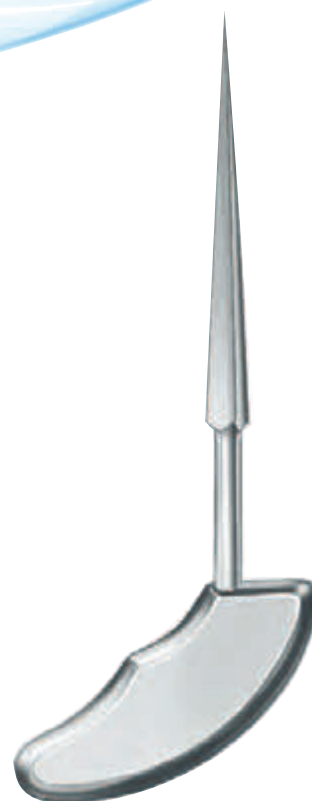
1/2

**24-007-14**  
 14 cm / 5 1/8"  
 one side concave  
 eine Seite konkav  
 un lado cóncavo  
 un côté concave  
 un lato concavo



1/2

**Perthes**  
**24-005-18**  
 18 cm / 7 1/8"



1/2

**Perthes**  
**24-006-21**  
 21.5 cm / 8 4/8"



**Square Point**  
**24-045-01**  
 18 cm / 3mm



**Isselin**  
**24-045-02**  
 16.5 cm / 2.5mm



1/2

**24-004-13**  
 13 cm / 5 1/8"

# Hand Drills

24



Fig.9  
24-008-09



Extension piece  
Verlängerungsstück  
Pieza de prolongación  
Pièce de rallonge  
Giunto di prolungamento



Fig.1  
24-008-01



Conical Burr  
Kegelfräser  
Fresa cónica  
Fraise conique  
Fresa cuneiforme



Fig.2  
24-008-02



Conical Burr  
Kegelfräser  
Fresa cónica  
Fraise conique  
Fresa cuneiforme



Fig.3  
24-008-03



Spherical Burr  
Kugelfräser  
Fresa esférica  
Fraise spherique  
Fresa sferica



Fig.4  
24-008-04



Spherical Burr  
Kugelfräser  
Fresa esférica  
Fraise spherique  
Fresa sferica



**Hudson**  
24-008-00  
24-008-09  
28 cm / 11"

complete, with burrs no. 1 - 4  
and extension piece  
komplett, mit Fräsern Fig. 1 - 4  
und Verlängerungsstück  
completo, con fresas no. 1 - 4  
y pieza de extensión  
complet, avec fraises no. 1 - 4  
et pièce de rallonge  
completo, con frese no. 1 - 4  
e giunto di prolungamento



Fig.5  
24-008-05



Flat Trepine  
Flachbohrer  
Taladro plano  
Fraise plate  
Trapano piatto



Fig.6  
24-008-06



Twist Drill  
Spiralbohrer  
Broca espiral  
Mèche hélicoidale  
Punta a spirale



Fig.7  
24-008-07



Burr  
Bohrer  
Fresa  
Fraise  
Punta

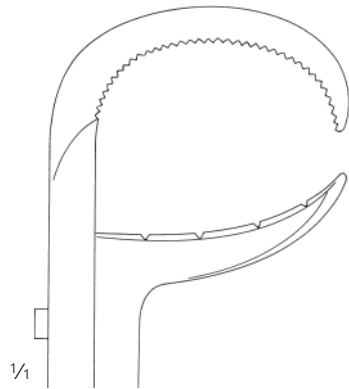


Fig.8  
24-008-08

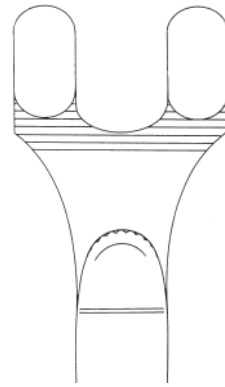


Burr  
Bohrer  
Fresa  
Fraise  
Punta

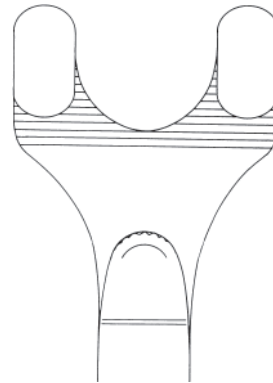
## Bone Holding Clamps, Traction Bar



1/4



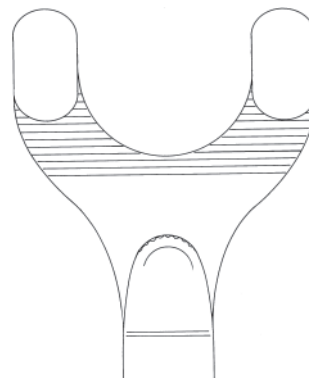
24-009-18  
18 cm / 7 "



24-009-20  
20 cm / 8 "



1/2



24-009-22  
22 cm / 8 5/8 "


Gerster-Lowman


# Wire Twisting Forceps

TC GOLD

24





$\frac{1}{4}$   **24-010-15**  
 15.5 cm / 6  $\frac{1}{8}$ "

$\frac{1}{4}$   **24-010-18**  
 18 cm / 7  $\frac{1}{8}$ "

**24-010-15**  
**24-010-18**




$\frac{1}{4}$   **24-011-15**  
 15.5 cm / 6  $\frac{1}{8}$ "

$\frac{1}{4}$   **24-011-18**  
 18 cm / 7  $\frac{1}{8}$ "

**24-011-15**  
**24-011-18**



$\frac{1}{4}$  

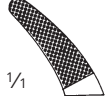
**24-012-15**  
 15.5 cm / 6  $\frac{1}{8}$ "



$\frac{1}{4}$  

**24-013-20**  
 20 cm / 7  $\frac{7}{8}$ "



$\frac{1}{4}$  

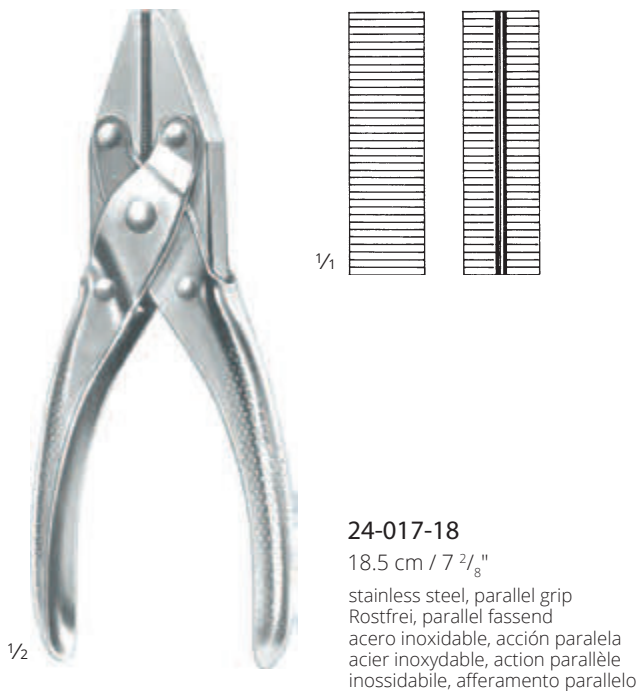
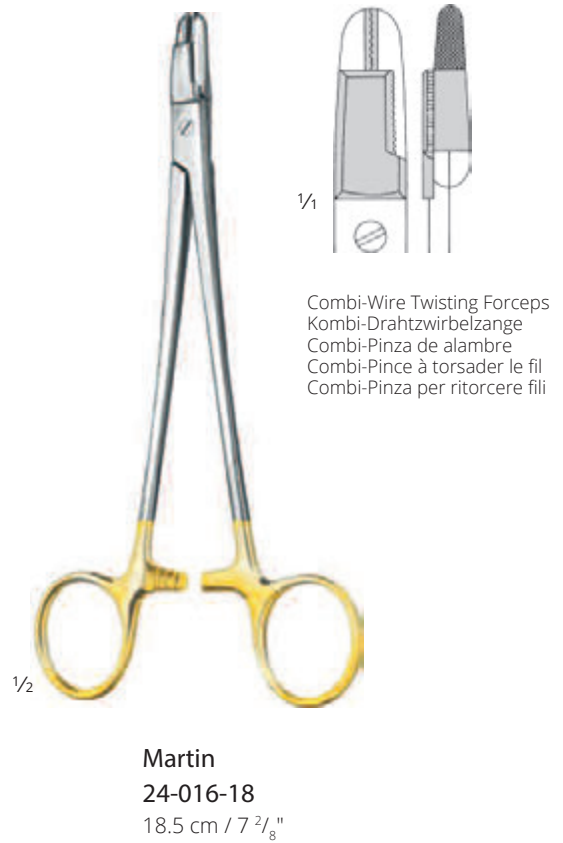
**Martin**  
**24-014-15**  
 14.5 cm / 5  $\frac{6}{8}$ "

## Wire Twisting Forceps, Flat Nose Pliers

TC GOLD



TC GOLD

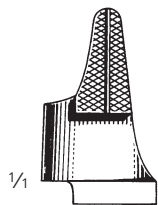




# Vise Grip, Combi-Flat Nose Plier



**24-018-15**  
15 cm / 5 7/8"



**24-019-18**  
**24-021-18**  
18 cm / 7"

stainless steel, parallel grip  
Rostfrei, parallel fassend  
acero inoxidable, acción paralela  
acier inoxydable, action parallèle  
inossidabile, afferamento parallelo



**24-019-18**



**24-020-18**



**24-021-18**

# Flat Nose Pliers

**TC GOLD**



1/2

24-022-01  
24-022-03  
18 cm / 7 1/8" "  
parallel grip  
parallel fassend  
acción paralela  
action parallèle  
afferamento parallelo



1/1

24-022-01



24-022-02

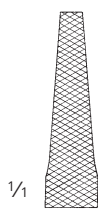


24-022-03



1/2

24-023-14  
13.5 cm / 5 3/8" "

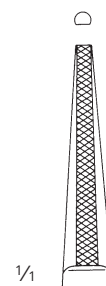


1/1



1/2

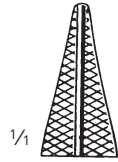
24-024-18  
19 cm / 7 4/8" "



1/1

## Flat Nose Pliers

24

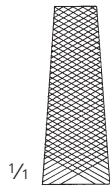


1/2

### Hackstock 24-025-16

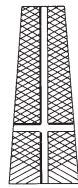
16 cm / 6 2/8"

with longitudinal groove  
mit Längsrille  
con ranura longitudinal  
avec rainure longitudinale  
con scannellatura longitudinale



1/4

24-026-01



24-026-02

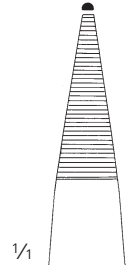
with crosswise groove  
mit Kreuzrille  
con ranura en forma de cruz  
avec rainures croisées  
con scannellatura a croce

1/2

24-026-01

24-026-02

17 cm / 6 6/8"



1/4

1/2

24-027-19

19 cm / 7 4/8"

Flat Nose Plier, pointed  
Spitz- und Flachzange  
Alicates planos/agudos  
Pinces plates / aiguës  
Tenaglie piatte/appuntate

## Wire Cutting Pliers



1/2

**24-028-18**  
18.5 cm / 7 2/8"

Cutting width  
Schnittbreite  
Ancho de cortar  
Largeur de coupe  
Ampiezza di taglio  
**13.5 mm**

for soft wires up to  
für weiche Drähte bis  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a  
**Ø 2.4 mm**

for hard wires up to  
für harte Drähte bis  
para alambres duros hasta  
pour fils durs jusqu'à  
per fili metallici duri fino a  
**Ø 1.8 mm**



1/2

**Martin "Diamant"**  
**24-029-16**  
16 cm / 6 2/8"  
Wire Cutter, front action  
Kopfschneider  
Alicates frontal para cortar alambre  
Pincers coupantes frontales  
Tenaglie tagliafili frontali

Cutting width  
Schnittbreite  
Ancho de cortar  
Largeur de coupe  
Ampiezza di taglio  
**14.5 mm**

for soft wires up to  
für weiche Drähte bis  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a  
**Ø 2.2 mm**

for hard wires up to  
für harte Drähte bis  
para alambres duros hasta  
pour fils durs jusqu'à  
per fili metallici duri fino a  
**Ø 2.0 mm**



**SQ.LINE Wire Guide**  
**26-253-01**  
23 cm / 9.05"



**SQ.LINE Wire Guide**  
**26-253-03**  
24 cm / 9.44"

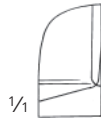
# Wire Cutting Pliers

TC GOLD

24



24-030-13  
13 cm / 5 1/8"



for soft wires up to  
für weiche Drähte bis  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a  
**Ø 1.5 mm**

for hard wires up to  
für harte Drähte bis  
para alambres duros hasta  
pour fils durs jusqu'à  
per fili metallici duri fino a  
**Ø 1.0 mm**

heavy pattern  
kräftiges Modell  
modelo fuerte  
modèle fort  
modello forte



24-031-16  
17 cm / 6 6/8"

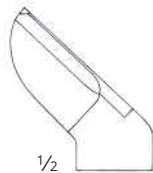


for soft wires up to  
für weiche Drähte bis  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a  
**Ø 2.0 mm**

for hard wires up to  
für harte Drähte bis  
para alambres duros hasta  
pour fils durs jusqu'à  
per fili metallici duri fino a  
**Ø 1.7 mm**



24-032-23  
23 cm / 9"



for soft wires up to  
für weiche Drähte bis  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a  
**Ø 2.8 mm**

for hard wires up to  
für harte Drähte bis  
para alambres duros hasta  
pour fils durs jusqu'à  
per fili metallici duri fino a  
**Ø 2.2 mm**

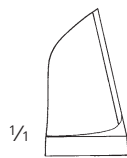
# Wire Cutting Pliers

TC GOLD



1/2

24-033-23  
23 cm / 9 "

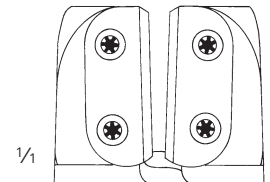


for soft wires up to  
für weiche Drähte bis  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a

Ø 3.0 mm

for hard wires up to  
für harte Drähte bis  
para alambres duros hasta  
pour fils durs jusqu'à  
per fili metallici duri fino a

Ø 2.2 mm



for soft wires up to  
für weiche Drähte bis  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a

Ø 2.8 mm

for hard wires up to  
für harte Drähte bis  
para alambres duros hasta  
pour fils durs jusqu'à  
per fili metallici duri fino a

Ø 2.2 mm

24-034-81

Spare part set  
Ersatzteil-Set  
Juego de pieza de repuesto  
Set de pièce détachée  
Set di pezzo di ricambio



1/2

24-034-21  
21.5 cm / 8 4/8 "

# Wire Cutting Pliers

TC GOLD

24



1/2

**24-035-15**  
15 cm / 5 7/8"

Cutting width  
Schnittbreite  
Ancho de cortar  
Largeur de coupe  
Ampiezza di taglio  
**18 mm**

for soft wires up to  
für weiche Drähte bis  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a  
**Ø 2.0 mm**

for hard wires up to  
für harte Drähte bis  
para alambres duros hasta  
pour fils durs jusqu'à  
per fili metallici duri fino a  
**Ø 1.2 mm**

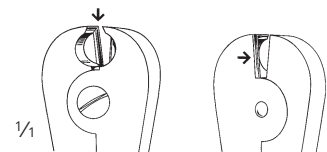


1/2

**24-036-18**  
17.5 cm / 6 7/8"

Wire Cutting Pliers  
Kopf- u. Seitenschneider  
Alicate para cortar alambre  
Pince pour couper le fil  
Tenaglia tagliafilì

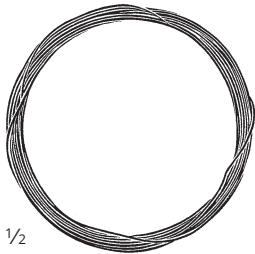
Cutting width  
Schnittbreite  
Ancho de cortar  
Largeur de coupe  
Ampiezza di taglio  
**18 mm**



for soft wires up to  
für weiche Drähte bis  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a  
**Ø 2.0 mm**

for hard wires up to  
für harte Drähte bis  
para alambres duros hasta  
pour fils durs jusqu'à  
per fili metallici duri fino a  
**Ø 1.5 mm**

## Needle Holders



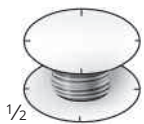
1/2

24-037-02

24-037-15

soft, coil of 10 m  
weich, Rolle mit 10 m  
blando, rollo de 10 m  
malléable, en rouleaux de 10 m  
malleabile, rotolo di 10 m

Ø	
0.2 mm	24-037-02
0.3 mm	24-037-03
0.4 mm	24-037-04
0.5 mm	24-037-05
0.6 mm	24-037-06
0.7 mm	24-037-07
0.8 mm	24-037-08
0.9 mm	24-037-09
1.0 mm	24-037-10
1.2 mm	24-037-12
1.5 mm	24-037-15



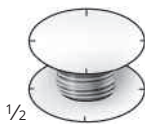
1/2

24-039-03

Tantalum wire  
Tantaldraht  
Alambre de Tantalum  
Fil métallique de tantale  
Filo di ferro di tantalio

Ø 0.3 mm

12 x 2.5 m



1/2

24-039-04

Tantalum wire  
Tantaldraht  
Alambre de Tantalum  
Fil métallique de tantale  
Filo di ferro di tantalio

Ø 0.4 mm

12 x 2.5 m

for wires up to  
für Drähte bis  
para alambres hasta  
pour fils jusqu'à  
per fili a

Ø 6,0 mm



1/3

24-038-00

55 cm / 21 5/8 "

Plate cutter  
Plattenschneideinstrument  
Instrumento para cortar placas  
Pince à couper les plaques  
Pinza taglia-placche

for soft wires up to  
für weiche Drähte bis  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a

Ø 4.7 mm

for hard wires up to  
für harte Drähte bis  
para alambres duros hasta  
pour fils durs jusqu'à  
per fili metallici duri fino a

Ø 3.2 mm



1/3

24-038-01

38 cm / 15 "

Wire Cutting Pliers  
Seitenschneider  
Tenazas de corte lateral  
Pinces coupantes de côté  
Tenaglie tagliafilii laterali



## Needle Holders

for soft wires up to  
für weiche Drähte bis  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a

Ø 4.0 mm

for hard wires up to  
für harte Drähte bis  
para alambres duros hasta  
pour fils durs jusqu'à  
per fili metallici duri fino a

Ø 3.2 mm



1/3

**24-039-38**

38 cm / 15 "

Wire Cutter, front action  
Kopfschneider  
Alicate frontal para cortar alambre  
Pince coupante frontale  
Tenaglia tagliafilii frontale

24

for soft wires up to  
für weiche Drähte bis  
para alambres blandos hasta  
pour fils mous jusqu'à  
per fili molli fino a

Ø 3.2 mm

for hard wires up to  
für harte Drähte bis  
para alambres duros hasta  
pour fils durs jusqu'à  
per fili metallici duri fino a

Ø 2.5 mm



**24-040-26**

26 cm / 10 2/8 "

Wire Cutter, front action  
Kopfschneider  
Alicate frontal para cortar alambre  
Pince coupante frontale  
Tenaglia tagliafilii frontale

## Micro Needle Holders

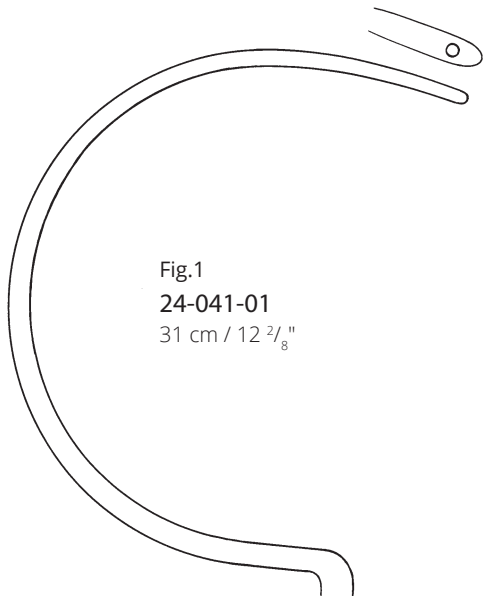


Fig.1  
24-041-01  
31 cm / 12 <sup>2</sup>/<sub>8</sub> "



1/2  
Demel  
24-041-01  
24-041-03

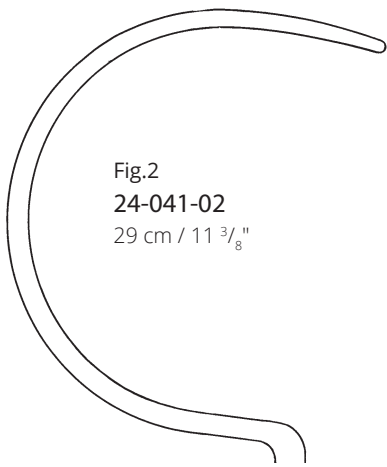


Fig.2  
24-041-02  
29 cm / 11 <sup>3</sup>/<sub>8</sub> "

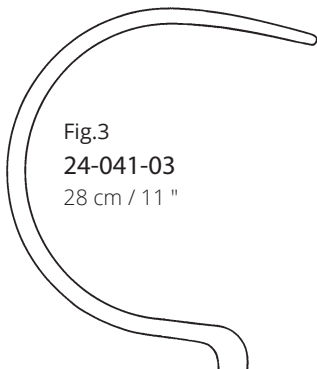


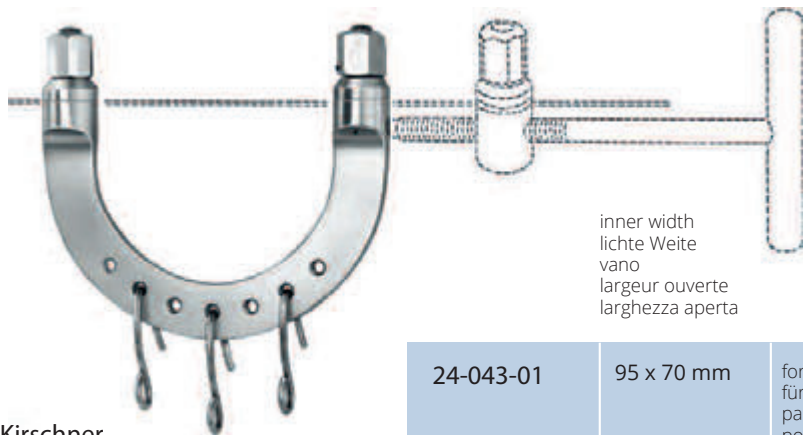
Fig.3  
24-041-03  
28 cm / 11 "



1/2  
Loute  
24-042-21  
21 cm / 8 <sup>2</sup>/<sub>8</sub> "

## Micro Needle Holders

24



inner width  
lichte Weite  
vano  
largeur ouverte  
larghezza aperta

### Kirschner

with 3 traction hooks  
mit 3 Zughaken  
con 3 ganchos de tracción  
avec 3 crochets de traction  
con 3 ganci di trazione



### Kirschner

with 3 traction hooks  
mit 3 Zughaken  
con 3 ganchos de tracción  
avec 3 crochets de traction  
con 3 ganci di trazione

24-043-01	95 x 70 mm	for children für Kinder para niños pour enfants per bambini
24-043-02	105 x 105 mm	for wrist and ankle für Hand- und Fußgelenk para muñeco y tobillo pour poignet et articulation du pied per polso e piede
24-043-03	120 x 120 mm	for elbow für Ellenbogen para codo pour coude per il gomito
24-043-04	155 x 155 mm	for knee für Knie para rodilla pour genou per il ginocchio
24-043-05	200 x 155 mm	for femur für Oberschenkel para fémur pour fémur per il femore



1/4

Wire Strainer  
Spannschlüssel  
Tensor de taladros filiformes  
Tendeur de broches  
Chiave per mandrino

### 24-045-18

18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "



24-043-01  
24-043-05

24-044-01	18.5 cm / 7 <sup>2</sup> / <sub>8</sub> "	small pattern kleines Modell modelo pequeño modèle petit modello piccolo
24-044-02	26.5 cm / 10 <sup>4</sup> / <sub>8</sub> "	large pattern großes Modell modelo largo modèle grand modello grande



26

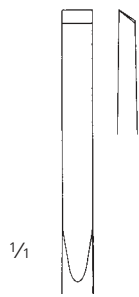
# Bone Surgery

## Bone Chisels, Gouges

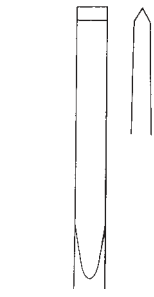
26



26-001-04  
26-002-04  
17 cm / 6 <sup>5</sup>/<sub>8</sub> "



26-001-04  
4 mm



26-002-04  
4 mm



Snyder-O.S.U  
26-003-03  
26-003-05  
17 cm / 6 <sup>5</sup>/<sub>8</sub> "



26-003-03  
3 mm



26-003-05  
5 mm

# Osteotomes, Chisels, Gouges



26-004-04  
4 mm



26-005-04  
4 mm



26-006-04  
4 mm



26-004-06  
6 mm



26-005-06  
6 mm



26-006-06  
6 mm



26-004-08  
8 mm



26-005-08  
8 mm



26-006-08  
8 mm



26-004-10  
10 mm



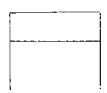
26-005-10  
10 mm



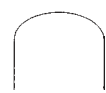
26-006-10  
10 mm



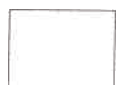
26-004-12  
12 mm



26-005-12  
12 mm



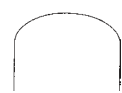
26-006-12  
12 mm



26-004-14  
14 mm



26-005-14  
14 mm



26-006-14  
14 mm



26-004-16  
16 mm



26-005-16  
16 mm



26-006-16  
16 mm



26-004-08  
26-004-16  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "



26-005-08  
26-005-16  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "



26-006-08  
26-006-16  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "

# Chisels

26



**26-007-02**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
2 mm



**26-008-02**  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "  
2 mm



**26-007-03**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
3 mm



**26-008-03**  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "  
3 mm



**26-007-04**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
4 mm



**26-008-04**  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "  
4 mm



**26-007-05**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
5 mm



**26-008-05**  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "  
5 mm



**26-007-06**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
6 mm



**26-008-06**  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "  
6 mm

1/2



Partsch  
26-007-02  
26-008-06



**26-009-02**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
2 mm



**26-010-02**  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub> "  
2 mm



**26-009-03**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
3 mm



**26-010-03**  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub> "  
3 mm



**26-009-04**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
4 mm



**26-010-04**  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub> "  
4 mm



**26-009-05**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
5 mm



**26-010-05**  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub> "  
5 mm



**26-009-06**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
6 mm



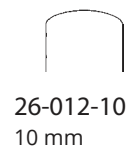
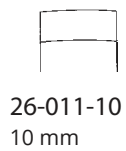
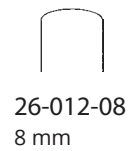
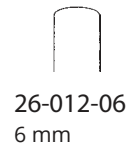
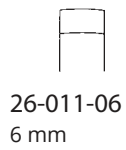
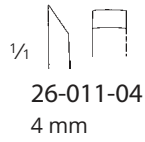
**26-010-06**  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub> "  
6 mm

1/2



Partsch  
26-009-02  
26-010-06

# Chisels



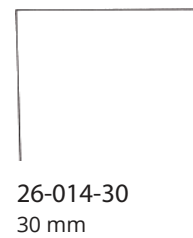
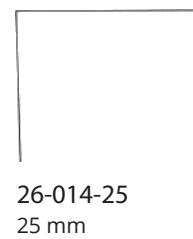
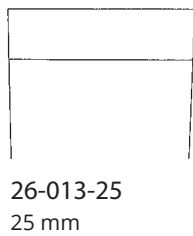
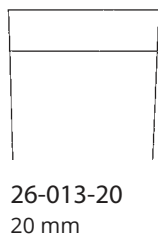
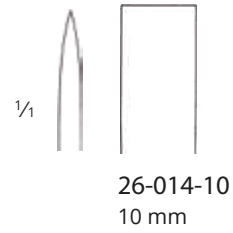
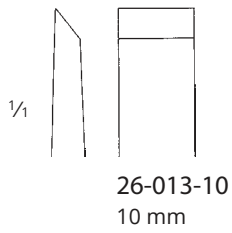
**Alexander**  
26-011-04  
26-011-14  
17.5 cm / 6 7/8"  
solid  
massiv  
macizo  
solide  
pieno



**Alexander**  
26-012-04  
26-012-14  
17.5 cm / 6 7/8"  
solid  
massiv  
macizo  
solide  
pieno



# Chisels, Osteotomes, Gouges

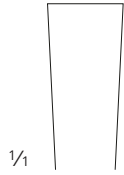


Stille  
26-013-10  
26-013-25  
20.5 cm / 8 1/8"

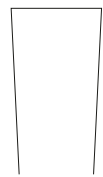


Stille  
26-014-10  
26-014-25  
20.5 cm / 8 1/8"

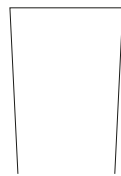
## Chisels, Osteotomes, Gouges



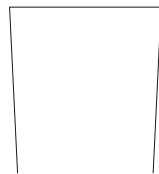
26-015-10  
10 mm



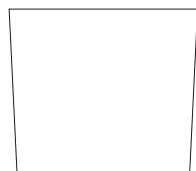
26-015-12  
12 mm



26-015-15  
15 mm



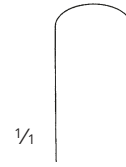
26-015-20  
20 mm



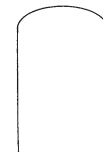
26-015-25  
25 mm

1/2

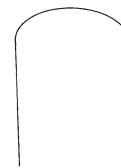
**Stille**  
26-015-10  
26-015-25  
20.5 cm / 8 1/8"  
delicate  
fein  
fino  
fin  
fino



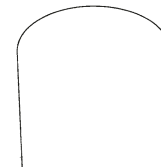
26-016-10  
10 mm



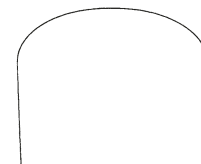
26-016-12  
12 mm



26-016-15  
15 mm



26-016-20  
20 mm



26-016-25  
25 mm

1/2

**Stille**  
26-016-10  
26-016-25  
20.5 cm / 8 1/8"

# Chisel Blades, Chisel Handle

Chisel blades, interchangeable  
 Meißelklingen, auswechselbar  
 Hojas de cincel, intercambiables  
 Lamesciseaux-burin, interchangeables  
 Lame intercambiabili



**26-017-90**  
 Spare Screw  
 Halteschraube  
 Tornillo de repuesto  
 Vis de rechange  
 Vite di ricambio



26-017-00

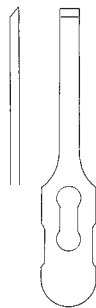
**26-017-99**  
 Key  
 Spannschlüssel  
 Llave  
 Clé  
 Chiave



26-017-00

1/2

**26-017-00**  
 18.5 cm / 7 2/8"



**26-017-05**  
 8 cm / 3 1/8"  
 5 mm



26-017-00



**26-017-10**  
 8 cm / 3 1/8"  
 10 mm



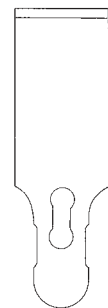
26-017-00



**26-017-16**  
 8 cm / 3 1/8"  
 16 mm



26-017-00



**26-017-25**  
 8 cm / 3 1/8"  
 25 mm



26-017-00

Osteotome blades, interchangeable  
 Osteotomklingen, auswechselbar  
 Hojas de osteótomo, intercambiables  
 Lame per osteotomia, intercambiabili  
 Lame per osteotomia, intercambiabili



**26-017-55**  
 8 cm / 3 1/8"  
 5 mm



26-017-00



**26-017-60**  
 8 cm / 3 1/8"  
 10 mm



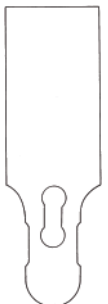
26-017-00



**26-017-66**  
 8 cm / 3 1/8"  
 16 mm



26-017-00

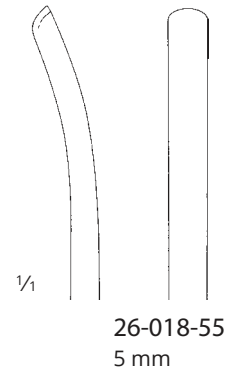
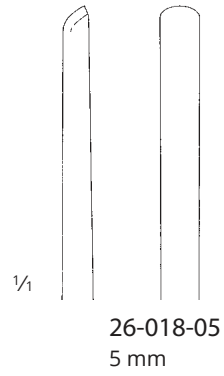


**26-017-85**  
 8 cm / 3 1/8"  
 25 mm

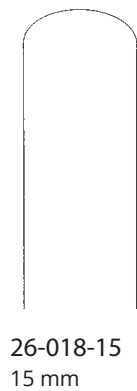


26-017-00

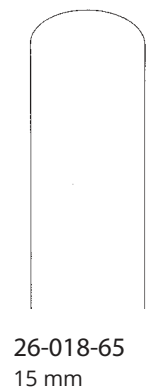
## Spongiosa Gouges



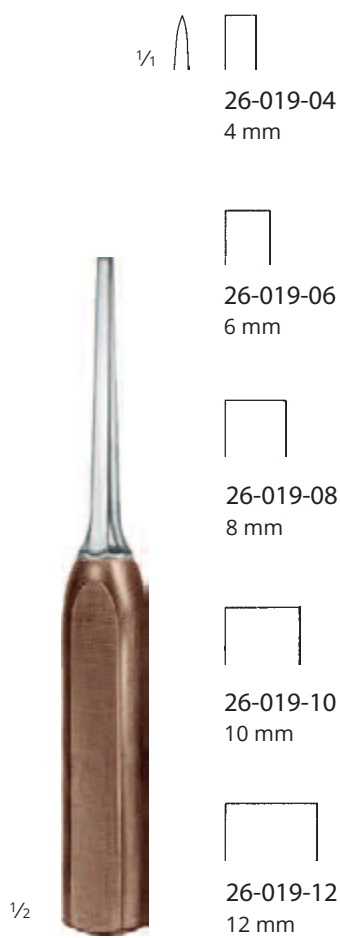
Lexer  
26-018-05  
26-018-15  
24.5 cm / 9 5/8"



Lexer  
26-018-55  
26-018-65  
24.5 cm / 9 5/8"

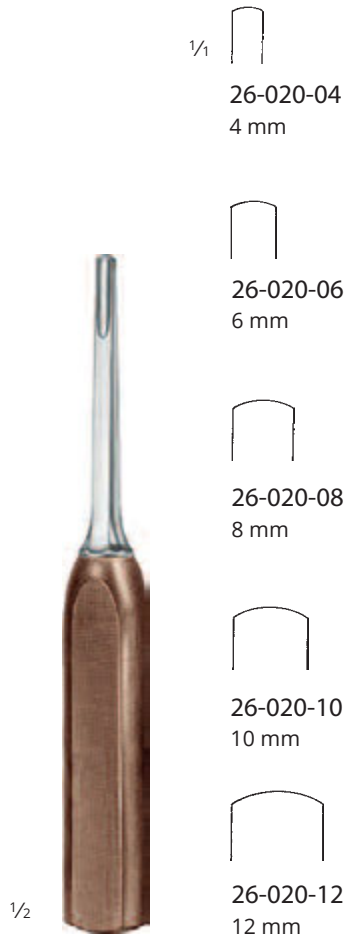


# Osteotomes, Gouges



Lexer-Mini  
26-019-04  
26-019-12  
18 cm / 7 1/8"

Fz



Lexer-Mini  
26-020-04  
26-020-12  
18 cm / 7 1/8"

Fz



GUBISCH  
26-252-14  
18.5 cm / 7.28"

Fz

# Osteotomes, Gouges



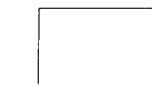
26-021-05  
5 mm



26-021-07  
7 mm



26-021-10  
10 mm



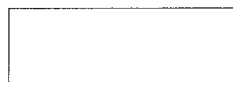
26-021-15  
15 mm



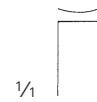
26-021-20  
20 mm



26-021-25  
25 mm



26-021-30  
30 mm



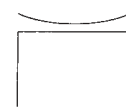
26-022-05  
5 mm



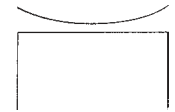
26-022-07  
7 mm



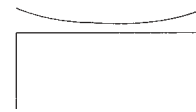
26-022-10  
10 mm



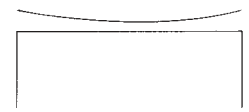
26-022-15  
15 mm



26-022-20  
20 mm



26-022-25  
25 mm



26-022-30  
30 mm



1/2

Lexer  
26-021-05  
26-021-30  
22 cm / 8 5/8"

Fz



1/2

Lexer  
26-022-05  
26-022-30  
22 cm / 8 5/8"

Fz

# Osteotomes



26-023-02  
2 mm



26-023-03  
3 mm



26-023-53  
3 mm



26-023-54  
4 mm



26-023-04  
4 mm



26-023-06  
6 mm



26-023-56  
6 mm



26-023-58  
8 mm



26-023-08  
8 mm



26-023-10  
10 mm



26-023-60  
10 mm



26-023-62  
12 mm



26-023-12  
12 mm



26-023-15  
15 mm



26-023-65  
15 mm



1/2

Lambotte-Mini  
26-023-02  
26-023-15  
12.5 cm / 4 7/8"



1/2

Lambotte-Mini  
26-023-53  
26-023-65  
17 cm / 6 5/8"

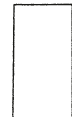
# Osteotomes



Lambotte  
26-024-04  
26-024-06  
24 cm / 9 4/8"



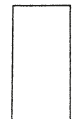
Lambotte  
26-025-08  
26-025-50  
24 cm / 9 4/8"



26-025-04  
4 mm



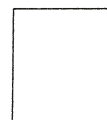
26-025-06  
6 mm



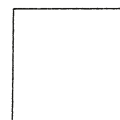
26-025-08  
8 mm



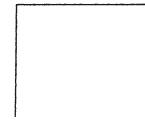
26-025-10  
10 mm



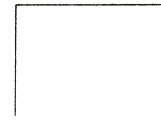
26-025-13  
13 mm



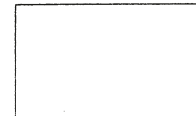
26-025-15  
15 mm



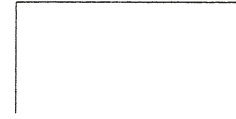
26-025-18  
18 mm



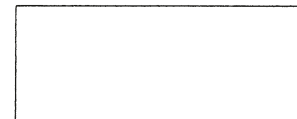
26-025-20  
20 mm



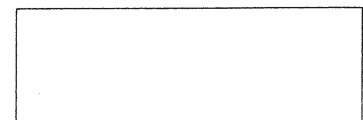
26-025-25  
25 mm



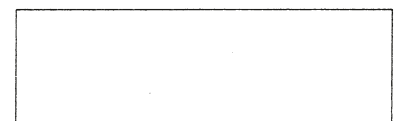
26-025-30  
30 mm



26-025-38  
38 mm



26-025-44  
44 mm



26-025-50  
50 mm



# Osteotomes

$\frac{1}{4}$   
 26-026-04  
 4 mm

26-026-06  
 6 mm



Lambotte  
 26-026-04  
 26-026-06  
 24 cm / 9 <sup>4</sup>/<sub>8</sub>"



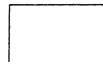
Lambotte  
 26-027-08  
 26-027-50  
 24 cm / 9 <sup>4</sup>/<sub>8</sub>"



26-027-08  
 8 mm



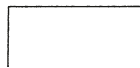
26-027-10  
 10 mm



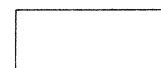
26-027-13  
 13 mm



26-027-15  
 15 mm



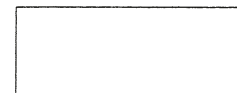
26-027-18  
 18 mm



26-027-20  
 20 mm



26-027-25  
 25 mm



26-027-30  
 30 mm



26-027-38  
 38 mm



26-027-44  
 44 mm



26-027-50  
 50 mm

# Osteotomes



26-028-06  
6mm



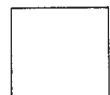
26-029-06  
6mm



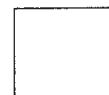
26-028-09  
9mm



26-029-09  
9mm



26-028-13  
13mm



26-029-13  
13mm



26-028-16  
16mm



26-029-16  
16mm



26-028-19  
19mm



26-029-19  
19mm



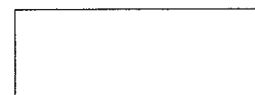
26-028-25  
25mm



26-029-25  
25mm



26-028-32  
32mm



26-029-32  
32mm

1/2

Smith-Petersen  
26-028-06  
26-028-32  
20.5 cm / 8 1/8"

1/2

Smith-Petersen  
26-029-06  
26-029-32  
20.5 cm / 8 1/8"

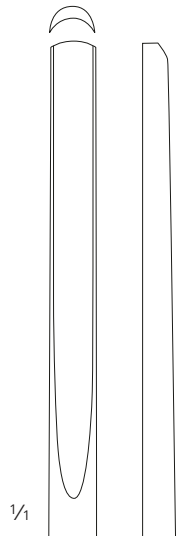
# Gouges

Sic

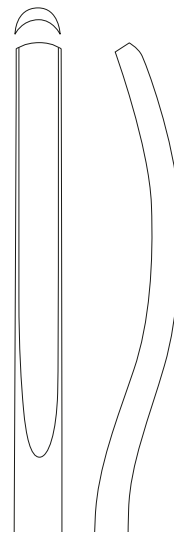
26



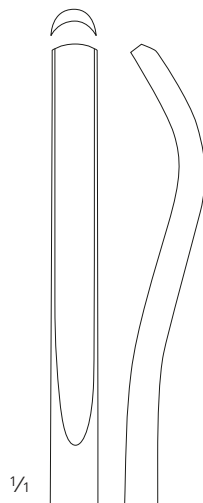
Cobb  
26-030-01  
26-030-04  
28 cm / 11"



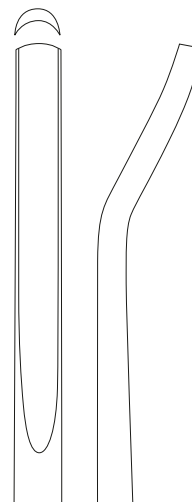
26-030-01  
6 mm



26-030-02  
6 mm

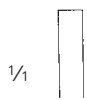


26-030-03  
6 mm



26-030-04  
6 mm

# Osteotomes, Chisels



26-031-03  
3 mm



26-032-06  
6 mm



26-033-06  
6 mm



26-031-05  
5 mm



26-032-13  
13 mm



26-033-13  
13 mm



26-031-06  
6 mm



26-032-19  
19 mm



26-033-19  
19 mm



26-031-08  
8 mm



26-032-25  
25 mm



26-033-25  
25 mm



26-031-09  
9 mm



26-032-32  
32 mm



26-033-32  
32 mm



Hoke  
26-031-03  
26-031-09  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



Hibbs  
26-032-06  
26-032-32  
24.5 cm / 9 <sup>5</sup>/<sub>8</sub>"

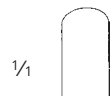


Hibbs  
26-033-06  
26-033-32  
24.5 cm / 9 <sup>5</sup>/<sub>8</sub>"

# Osteotomes, Gouges



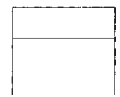
26-034-06  
6 mm



26-035-06  
6 mm



26-036-06  
6 mm



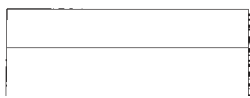
26-034-13  
13 mm



26-034-19  
19 mm



26-034-25  
25 mm



26-034-32  
32 mm

Hibbs  
26-034-06  
26-034-13  
26-034-19  
26-034-25  
26-034-32  
24.5 cm / 9 5/8"



26-035-13  
13 mm



26-035-19  
19 mm



26-035-25  
25 mm



26-035-32  
32 mm

Hibbs  
26-035-06  
26-035-13  
26-035-19  
26-035-25  
26-035-32  
24.5 cm / 9 5/8"



26-036-13  
13 mm



26-036-19  
19 mm



26-036-25  
25 mm



26-036-32  
32 mm

Hibbs  
26-036-06  
26-036-13  
26-036-19  
26-036-25  
26-036-32  
24.5 cm / 9 5/8"

## Bone Rasps / Tampers



**Putti**  
**26-136-30**  
 30 cm / 11 <sup>5</sup>/<sub>8</sub> "  
 round/semiround  
 rund/halbrund  
 redonda/semi-redonda  
 ronde/semi-ronde  
 rotondo/semi-rotondo



**26-037-02**  
**26-037-10**  
 15.5 cm / 6 <sup>1</sup>/<sub>8</sub> "



**26-037-02**  
 Ø2,0 mm



**26-037-03**  
 Ø3,0 mm



**26-037-04**  
 Ø4,0 mm



**26-037-05**  
 Ø5,0 mm



**26-037-06**  
 Ø6,0 mm



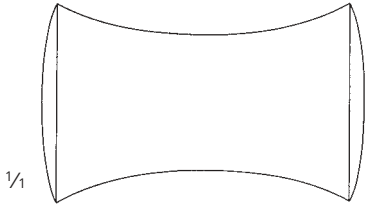
**26-037-08**  
 Ø8,0 mm



**26-037-10**  
 Ø10 mm

## Mallets

26

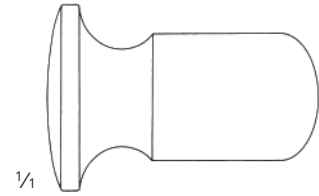


**26-038-01**

24 cm / 9 <sup>4</sup>/<sub>8</sub>"

weight	head
Gewicht	Kopf
peso	cabeza
poids	tête
peso	testa

275 g    Ø 26 mm

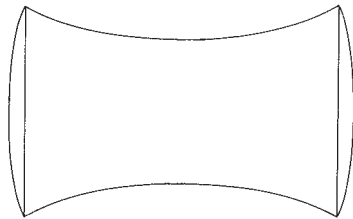


**26-039-01**

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

weight	head
Gewicht	Kopf
peso	cabeza
poids	tête
peso	testa

120 g    Ø 25 mm

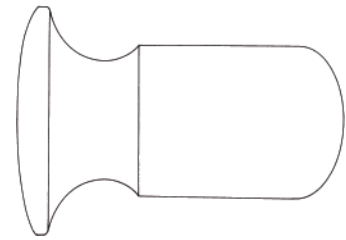


**26-038-02**

24 cm / 9 <sup>4</sup>/<sub>8</sub>"

weight	head
Gewicht	Kopf
peso	cabeza
poids	tête
peso	testa

320 g    Ø 28 mm

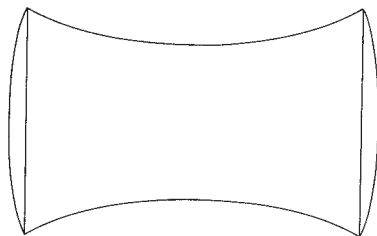


**26-039-02**

21 cm / 8 <sup>2</sup>/<sub>8</sub>"

weight	head
Gewicht	Kopf
peso	cabeza
poids	tête
peso	testa

170 g    Ø 30 mm

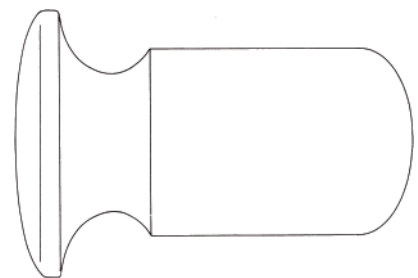


**26-038-03**

24 cm / 9 <sup>4</sup>/<sub>8</sub>"

weight	head
Gewicht	Kopf
peso	cabeza
poids	tête
peso	testa

340 g    Ø 30 mm



**26-039-03**

21.5 cm / 8 <sup>4</sup>/<sub>8</sub>"

weight	head
Gewicht	Kopf
peso	cabeza
poids	tête
peso	testa

260 g    Ø 35 mm

1/2

**Williger**

**26-038-01**

**26-038-03**

bleigefüllt  
leadfilled  
rellenodeplomo  
remplissagedeplomb  
ripienodipiombo

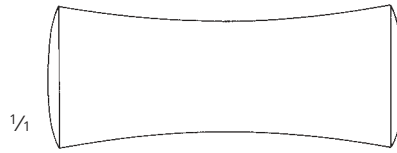
1/2

**Doyen**

**26-039-01**

**26-039-03**

# Mallets



26-041-01

head	weight
Kopf	Gewicht
cabeza	peso
tête	poids
testa	peso
Ø 19 mm	230 g

weight	head
Gewicht	Kopf
peso	cabeza
poids	tête
peso	testa
220 g	Ø 30 mm

head	weight
Kopf	Gewicht
cabeza	peso
tête	poids
testa	peso
Ø 30 mm	300 g



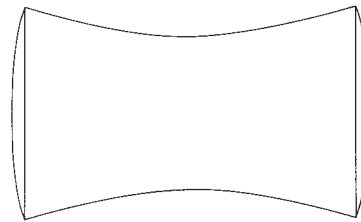
1/2

**Collin**  
26-040-20  
20 cm / 7 7/8"



1/2

**Lucae**  
26-041-01  
26-041-02  
19.5 cm / 7 5/8"



26-041-02

head	weight
Kopf	Gewicht
cabeza	peso
tête	poids
testa	peso
Ø 25 mm	260 g



1/2

**Cottle**  
26-042-19  
19 cm / 7 4/8"  
plane/convex  
plan/konvex  
plano/convexo  
plan/convexe  
plano/convesso



# Mallets



1/2

**Williger**  
26-043-16  
16.5 cm / 6 4/8"

head	weight
Kopf	Gewicht
cabeza	peso
tête	poids
testa	peso
Ø 20 mm	140 g



1/2

**26-044-22**  
26 cm / 10 2/8"



head	weight
Kopf	Gewicht
cabeza	peso
tête	poids
testa	peso
Ø 30 mm	450 g



1/2

**Mead**  
26-045-17  
19 cm / 7 4/8"  
with interchangeable plastic disks  
mit austauschbaren Kunststoffbacken  
con tapas intercambiables  
avec plaques interchangeables  
con placche intercambiabili



26-045-17

head	weight
Kopf	Gewicht
cabeza	peso
tête	poids
testa	peso
Ø 27 mm	330 g



1/2

**Partsch**  
26-047-19  
19 cm / 7 4/8"

with hollow handle  
mit Hohlheft  
con mango hueco  
avec manche creux  
con manico vuoto

head	weight
Kopf	Gewicht
cabeza	peso
tête	poids
testa	peso
Ø 27 mm	175 g

## Mallets



26-048-91

Sparefacing  
Ersatzbacke  
Tapaderepuesto  
Placquederechange  
Placchediricambio



26-048-26



26-049-26

26.5 cm / 10 <sup>3</sup>/<sub>8</sub> "



26-050-24

24 cm / 9 <sup>4</sup>/<sub>8</sub> "

26-048-26

26.5 cm / 10 <sup>3</sup>/<sub>8</sub> "

plane( nylon),convex(steel),  
plan(Kunststoff),konvex(Stahl),  
plano(ni lón),convexo(acero),  
plan( nylon),convexe(acier),  
plano(ni lon),convesso(acciaio),



head  
Kopf  
cabeza  
tête  
testa

weight  
Gewicht  
peso  
poids  
peso

Ø 32 mm

620 g



head  
Kopf  
cabeza  
tête  
testa

weight  
Gewicht  
peso  
poids  
peso

Ø 32 mm

620 g



head  
Kopf  
cabeza  
tête  
testa

weight  
Gewicht  
peso  
poids  
peso

Ø 30 mm

460 g

## Mallets



26-052-00

SpareFacings(pair)  
Ersatzbacken(Paar)  
Tapasderepuesto(par)  
Plaquesderechange(paire)  
Placchediricambio(paio)



26-051-24

26



26-051-24  
24 cm / 9 <sup>4</sup>/<sub>8</sub> "



head	weight
Kopf	Gewicht
cabeza	peso
tête	poids
testa	peso

Ø 37 mm 350 g



26-053-22  
22 cm / 8 <sup>6</sup>/<sub>8</sub> "



head	weight
Kopf	Gewicht
cabeza	peso
tête	poids
testa	peso

Ø 30 mm 130 g



26-053-26  
26.5 cm / 10 <sup>3</sup>/<sub>8</sub> "



head	weight
Kopf	Gewicht
cabeza	peso
tête	poids
testa	peso

Ø 30 mm 580 g



26-054-26  
26.5 cm / 10 <sup>3</sup>/<sub>8</sub> "



head	weight
Kopf	Gewicht
cabeza	peso
tête	poids
testa	peso

Ø 50 mm 1300 g



26-054-27  
17 cm / 6.69"



# Bone Curettes



Fig.1  
26-055-01  
2,5 mm



Fig.2  
26-055-02  
3,0 mm



Fig.3  
26-055-03  
3,5 mm

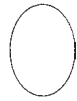


Fig.4  
26-055-04  
4,5 mm



Fig.5  
26-055-05  
5,5 mm



Fig.6  
26-055-06  
6,0 mm



Fig.0  
26-055-10  
7,0 mm



Fig.00  
26-055-20  
8,5 mm



Fig.000  
26-055-30  
9,5 mm



Fig.0000  
26-055-40  
11,5 mm



1/2

**Volkman**  
26-055-01  
26-055-40  
17 cm / 6 6/8"

oval  
oval  
ovalada  
ovale  
ovala



1/2

**Volkman**  
26-056-01  
26-056-05  
27 cm / 10 5/8"

oval  
oval  
ovalada  
ovale  
ovala



Fig.1  
26-056-01  
4,5 mm



Fig.2  
26-056-02  
5,5 mm



Fig.3  
26-056-03  
6,0 mm



Fig.4  
26-056-04  
7 mm



Fig.0  
26-056-05  
8,5 mm

# Bone Curettes

26



Fig. 000  
26-057-30  
3,5 mm



Fig. 00  
26-057-20  
4 mm



Fig. 0000  
26-059-40  
3,0 mm



Fig. 000  
26-059-30  
3,7 mm



Fig. 0000  
26-061-40  
2,8 mm



Fig. 0  
26-057-10  
5 mm



Fig. 1  
26-058-01  
5,5 mm



Fig. 00  
26-059-20  
4,5 mm



Fig. 0  
26-059-10  
5,2 mm



Fig. 000  
26-061-30  
3,6 mm



Fig. 2  
26-058-02  
6,5 mm



Fig. 3  
26-058-03  
7,5 mm



Fig. 1  
26-060-01  
6,8 mm



Fig. 2  
26-060-02  
8,5 mm



Fig. 00  
26-061-20  
4,4 mm



Fig. 4  
26-058-04  
9,0 mm



Fig. 3  
26-060-03  
10,0 mm



Fig. 4  
26-060-04  
11,5 mm



Fig. 0  
26-061-10  
5,2 mm



Fig. 5  
26-060-05  
13,0 mm



Fig. 6  
26-060-06  
14,5 mm



1/2

**Schede**  
26-057-10  
26-058-04

17 cm / 6 6/8" oval, with hollow handle  
oval, mit Hohlheft  
ovalada, con mango hueco  
ovale, avec manche creux  
ovala, con manico vuoto



1/2

**Volkmann**  
26-059-10  
26-060-06

17 cm / 6 6/8" oval, with hollow handle  
oval, mit Hohlheft  
ovalada, con mango hueco  
ovale, avec manche creux  
ovala, con manico vuoto



1/2

**Daubenspeck**  
26-061-10  
26-061-40

17 cm / 6 6/8" oval, with hollow handle  
oval, mit Hohlheft  
ovalada, con mango hueco  
ovale, avec manche creux  
ovala, con manico vuoto

## Bone Curettes

$\frac{1}{4}$ ○	○	$\frac{1}{4}$ ○	○
Fig. 0000 26-062-40 Ø 2,0 mm	Fig. 000 26-062-30 Ø 3,0 mm	Fig. 0000 26-064-40 2,5 mm	Fig. 000 26-064-30 3,0 mm
○	○	○	○
Fig. 00 26-062-20 Ø 4,0 mm	Fig. 0 26-062-10 Ø 5,0 mm	Fig. 00 26-064-20 4,0 mm	Fig. 0 26-064-10 4,5 mm
○	○	○	○
Fig. 1 26-063-01 Ø 6,0 mm	Fig. 2 26-063-02 Ø 8,0 mm	Fig. 1 26-065-01 5,0 mm	Fig. 2 26-065-02 6,0 mm
○	○	○	○
Fig. 3 26-063-03 Ø 10,0 mm	Fig. 4 26-063-04 Ø 12,0 mm	Fig. 3 26-065-03 7,0 mm	Fig. 4 26-065-04 8,0 mm
○	○	○	
Fig. 5 26-063-05 Ø 13,0 mm	Fig. 6 26-063-06 Ø 14,0 mm	Fig. 5 26-065-05 9,5 mm	

### Bruns

26-062-10

26-063-06

17 cm / 6  $\frac{6}{8}$ "

round, with hollow handle  
rund, mit Hohlheft  
redonda, con mango hueco  
rond, avec manche creux  
rotonda, con manico vuoto

### Spratt

26-064-10

26-065-05

17 cm / 6  $\frac{6}{8}$ "

oval, with hollow handle  
oval, mit Hohlheft  
ovalada, con mango hueco  
ovale, avec manche creux  
ovala, con manico vuoto

# Bone Curettes



Fig.0  
26-066-10  
3,5 mm



Fig.00  
26-066-20  
4,0 mm



26-068-25  
4,8 mm



Fig.1  
26-071-01  
2,5 mm



Fig.000  
26-066-30  
4,5 mm



Fig.1  
26-067-01  
5,5 mm



26-069-25  
4,8 mm



Fig.2  
26-071-02  
3,0 mm



Fig.2  
26-067-02  
6,0 mm



Fig.3  
26-067-03  
7,5 mm



26-070-25  
4,8 mm



Fig.3  
26-071-03  
3,5 mm



Fig.4  
26-067-04  
8,5 mm



Fig.5  
26-067-05  
10,5 mm



Fig.4  
26-071-04  
4,0 mm



Fig.5  
26-071-05  
4,5 mm



Fig.6  
26-067-06  
11,5 mm



Fig.6  
26-071-06  
5,5 mm



1/2  
**Bruns**  
26-066-10  
26-067-06  
23cm / 9"  
oval, solid  
oval, massiv  
ovalada, maciza  
ovale, solide  
ovala, solida



1/2  
**Scoville**  
26-068-25  
26-070-25  
25 cm / 9 7/8"  
oval, with hollow handle  
oval, mit Hohlheft  
ovalada, con mango hueco  
ovale, avec manche creux  
ovala, con manico vuoto



1/2  
**Simon**  
26-071-01  
26-071-06  
22.5 cm / 8 7/8"  
oval, with hollow handle  
oval, mit Hohlheft  
ovalada, con mango hueco  
ovale, avec manche creux  
ovala, con manico vuoto

## Bone Curettes

$\frac{1}{4}$  ○

Fig. 000  
26-072-30  
3,5 mm

○

Fig. 00  
26-072-20  
4,5 mm

○

Fig. 0  
26-072-10  
5,0 mm

○

Fig. 1  
26-072-01  
6,0 mm



$\frac{1}{2}$

26-072-01  
26-072-30  
25 cm / 9  $\frac{7}{8}$ "

oval, with hollow handle  
oval, mit Hohlheft  
ovalada, con mango hueco  
ovale, avec manche creux  
ovala, con manico vuoto

$\frac{1}{4}$  ○

Fig.1  
26-073-01  
2,3 mm

○

Fig.2  
26-073-02  
2,6 mm

○

Fig.3  
26-073-03  
3,0 mm

○

Fig.4  
26-073-04  
3,5 mm

○

Fig.5  
26-073-05  
4,5 mm

○

Fig.6  
26-073-06  
5,0 mm



$\frac{1}{2}$

ModellUSA  
26-073-01  
26-073-06  
16.5 cm / 6  $\frac{4}{8}$ "

oval, with hollow handle  
oval, mit Hohlheft  
ovalada, con mango hueco  
ovale, avec manche creux  
ovala, con manico vuoto

$\frac{1}{4}$  ○

Fig.1  
26-074-01  
4,8 mm

○

Fig.2  
26-074-02  
5,8 mm

○

Fig.3  
26-074-03  
6,8 mm



$\frac{1}{2}$

Halle  
26-074-01  
26-074-03  
21 cm / 8  $\frac{2}{8}$ "

oval, malleable shaft, with hollow handle  
oval, biegsamer Schaft, mit Hohlheft  
ovalada, vástago maleable, con mango hueco  
ovale, tige malléable, avec manche creux  
ovala, gambo malleable, con manico vuoto



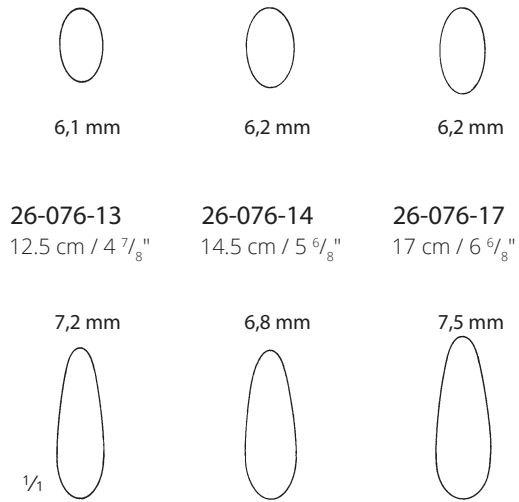
# Bone Curettes, double-ended



**Jacobson**  
26-075-14  
14 cm / 5 4/8"



**Volkman**  
26-076-13  
26-076-17



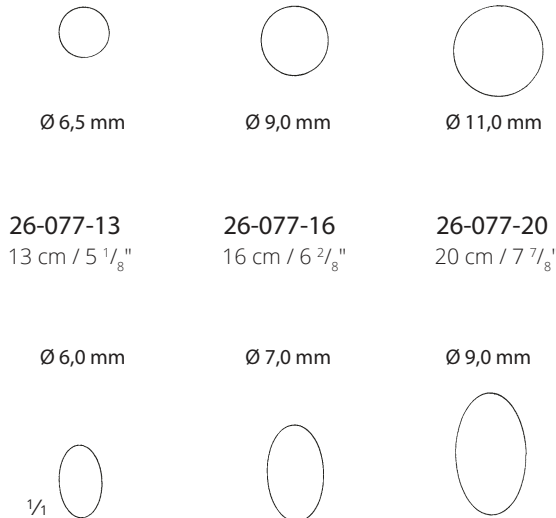
26-076-13  
12.5 cm / 4 7/8"

26-076-14  
14.5 cm / 5 6/8"

26-076-17  
17 cm / 6 6/8"



**Volkman**  
26-077-13  
26-077-20



26-077-13  
13 cm / 5 1/8"

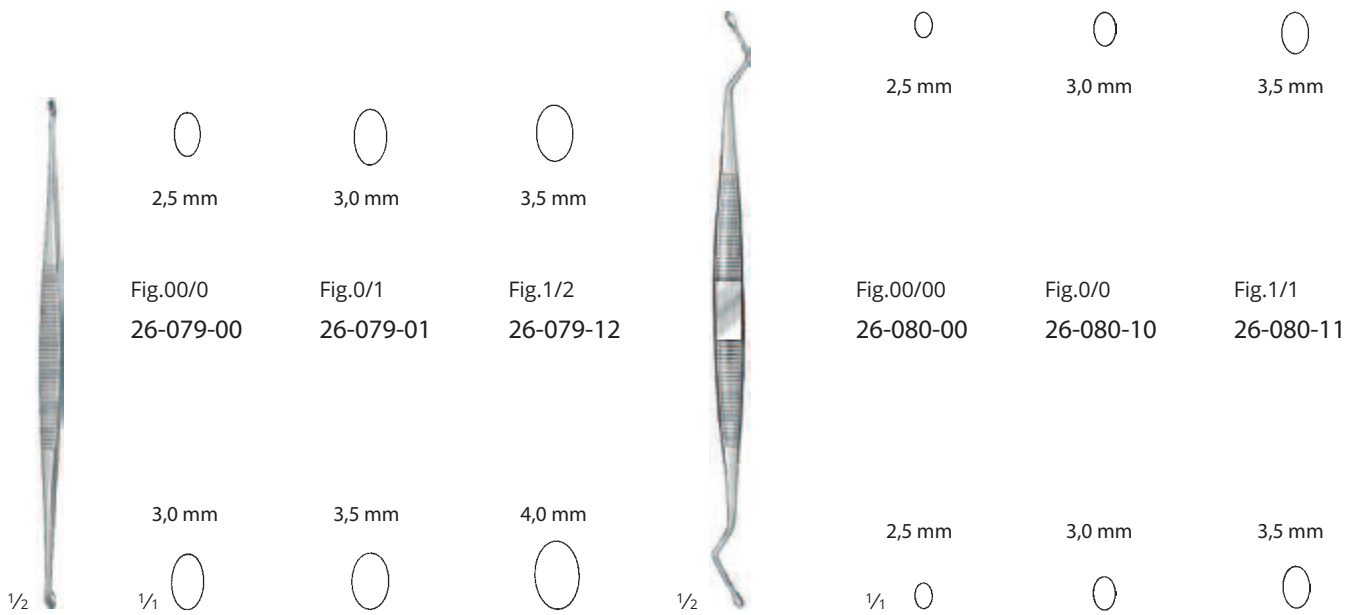
26-077-16  
16 cm / 6 2/8"

26-077-20  
20 cm / 7 7/8"



26-078-21  
21 cm / 8 2/8"

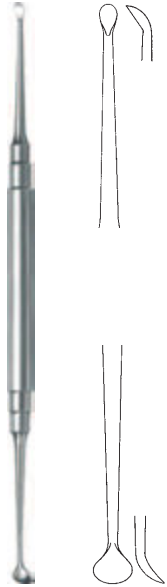
## Bone Curettes, double-ended



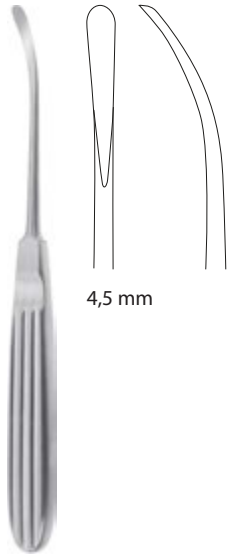
Williger  
 26-079-00  
 26-079-12  
 14 cm / 5 <sup>4</sup>/<sub>8</sub>"

Williger  
 26-080-00  
 26-080-11  
 16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"  
 oval  
 oval  
 ovalada  
 ovale  
 ovale

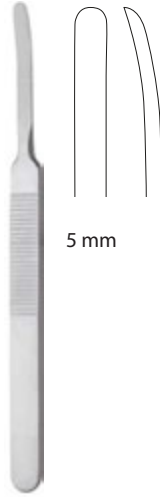
# Bone Currettes



**Molt**  
26-081-24  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"



**Landolt**  
26-082-18  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"



**König**  
26-083-16  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub>"



**Bone Curette**  
26-252-10  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub>"



**Frontal Sinus Curette**  
26-252-11  
19 cm / 7.48"

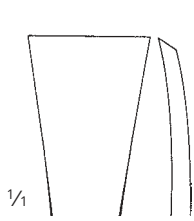


**Frontal Sinus Curette**  
26-252-12  
19 cm / 7.48"

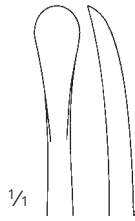


**Murphy**  
54-079-01  
30.5 cm / 12"

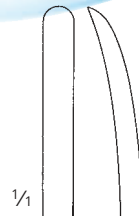
# Periosteal Elevators



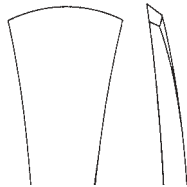
16 mm  
26-084-01  
19 cm / 7 4/8"



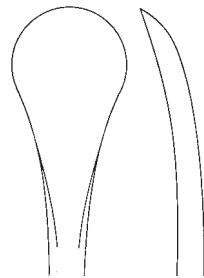
7 mm  
26-084-10  
16 cm / 6 2/8"



4 mm  
26-084-20  
17.5 cm / 7"



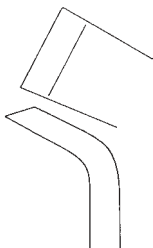
16 mm  
26-084-02  
20 cm / 7 7/8"



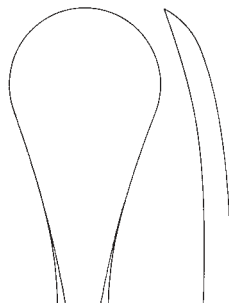
15 mm  
26-084-11  
18.5 cm / 7 2/8"



6 mm  
26-084-21  
17.5 cm / 7"



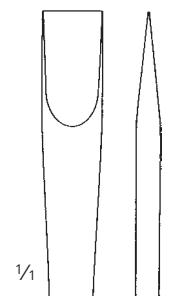
12 mm  
26-084-03  
19 cm / 7 4/8"



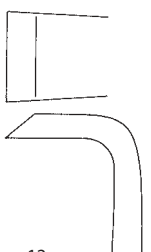
20 mm  
26-084-12  
19 cm / 7 4/8"



5 mm  
26-084-25  
19.5 cm / 7 6/8"



8 mm  
26-084-30  
17 cm / 6 6/8"



12 mm  
26-084-04  
18 cm / 7 1/8"



1/2

solid  
massiv  
macizo  
solide  
pieno

Martin-Hoen  
26-084-10  
26-084-12



1/2

solid  
massiv  
macizo  
solide  
pieno

Martin-Cushing  
26-084-20  
26-084-26



1/2

solid  
massiv  
macizo  
solide  
pieno

Martin-Cushing  
26-084-30

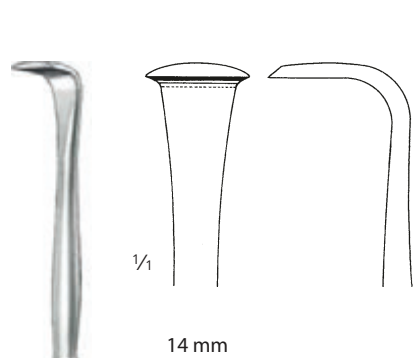


1/2

solid  
massiv  
macizo  
solide  
pieno

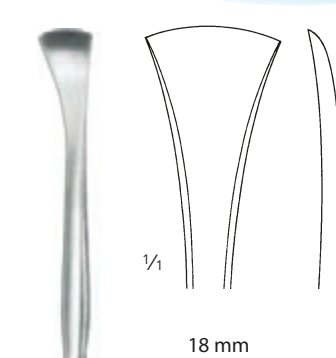
Martin-Langenbeck  
26-084-01  
26-084-04

## Periosteal Elevators



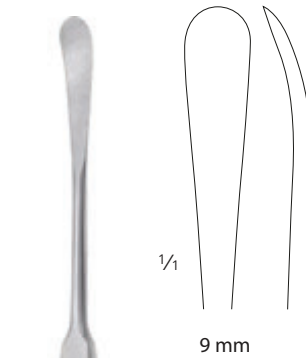
**Langenbeck**  
**26-085-18**  
 18 cm / 7 1/8"  
 with hollow handle  
 mit Hohlheft  
 con mango hueco  
 avec manche creux  
 con manico vuoto

1/2



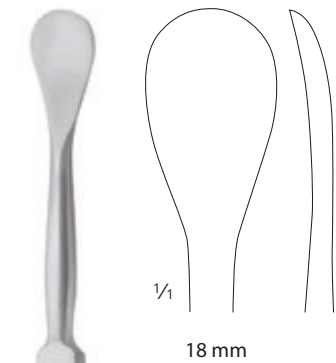
**Langenbeck**  
**26-086-19**  
 19 cm / 7 4/8"  
 with hollow handle  
 mit Hohlheft  
 con mango hueco  
 avec manche creux  
 con manico vuoto

1/2



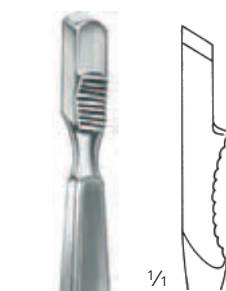
**Cottle**  
**26-087-20**  
 19.5 cm / 7 5/8"

1/2



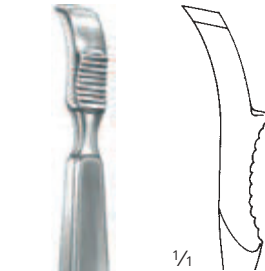
**Sedillot**  
**26-088-19**  
 18.5 cm / 7 2/8"

1/2



**Farabeuf**  
**26-089-15**  
 15.5 cm / 6 1/8"  
 with hollow handle  
 mit Hohlheft  
 con mango hueco  
 avec manche creux  
 con manico vuoto  
 12,5mm

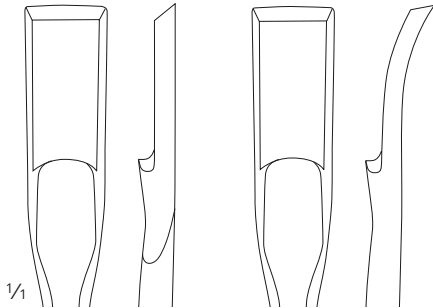
1/2



**Farabeuf**  
**26-090-15**  
 15.5 cm / 6 1/8"  
 with hollow handle  
 mit Hohlheft  
 con mango hueco  
 avec manche creux  
 con manico vuoto  
 12,5mm

1/2

## Periosteal Elevators

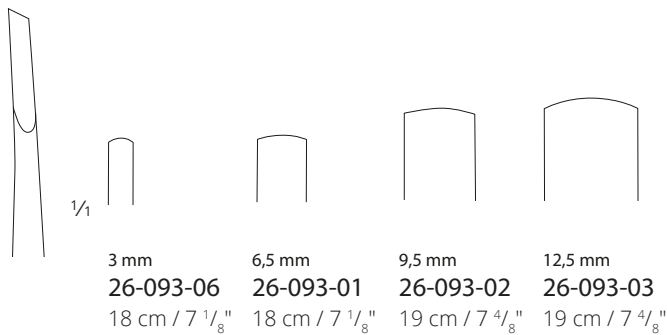


11 mm  
26-091-11

11 mm  
26-092-11

1/2

Farabeuf-Collin  
26-091-11  
26-092-11  
15.5 cm / 6 1/8"



3 mm  
26-093-06  
18 cm / 7 1/8"

6,5 mm  
26-093-01  
18 cm / 7 1/8"

9,5 mm  
26-093-02  
19 cm / 7 4/8"

12,5 mm  
26-093-03  
19 cm / 7 4/8"

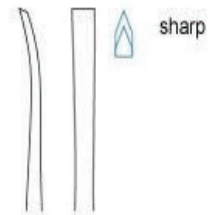
16 mm  
26-093-07  
20 cm / 7 7/8"

19 mm  
26-093-04  
20 cm / 7 7/8"

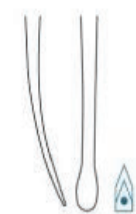
25,5 mm  
26-093-05  
21.5 cm / 8 4/8"

1/2

Key  
26-093-01  
26-093-07



sharp



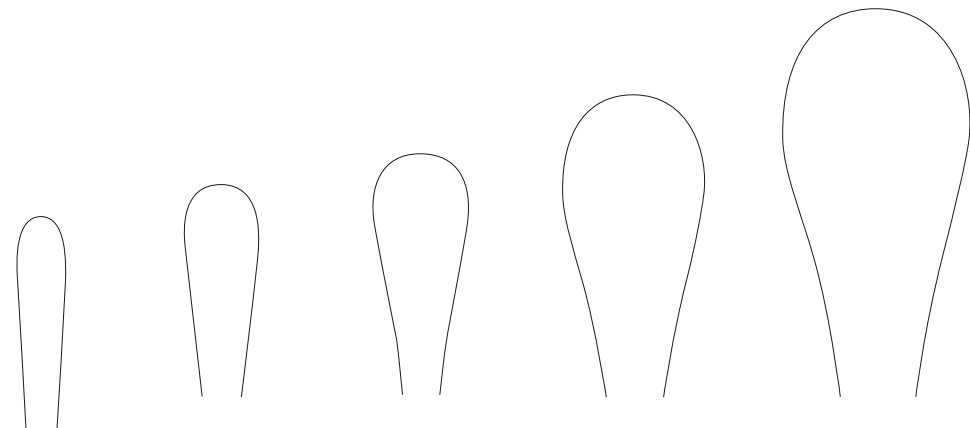
semi-sharp

Daniel-cakir  
48-143-15  
20 cm / 7.8"

# Periosteal Elevators



1/1



	6 mm	10 mm	13 mm	19 mm	25 mm
23 cm / 9"	26-094-06	26-094-10	26-094-13	26-094-19	26-094-25
28 cm / 11"	26-095-06	26-095-10	26-095-13	26-095-19	26-095-25

1/2

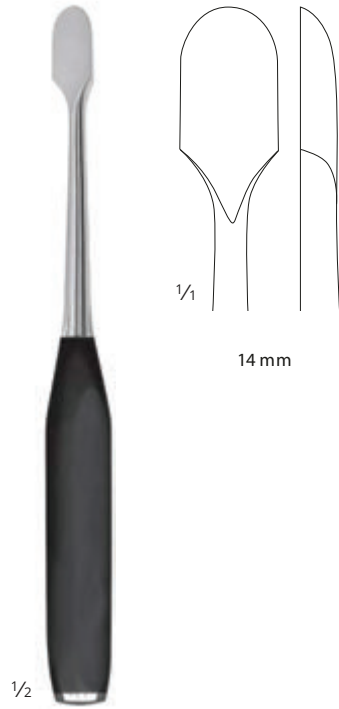
Cobb  
26-094-06  
26-095-25

# Periosteal Elevators

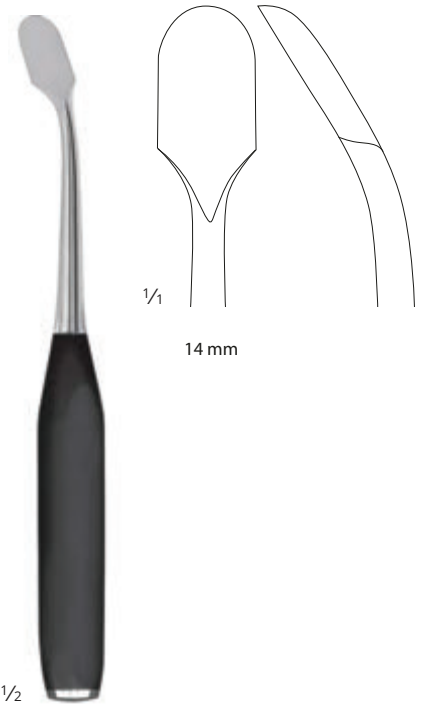
Sic



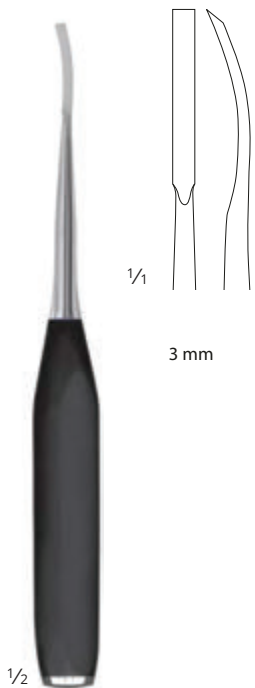
26-096-06  
20 cm / 7 7/8"



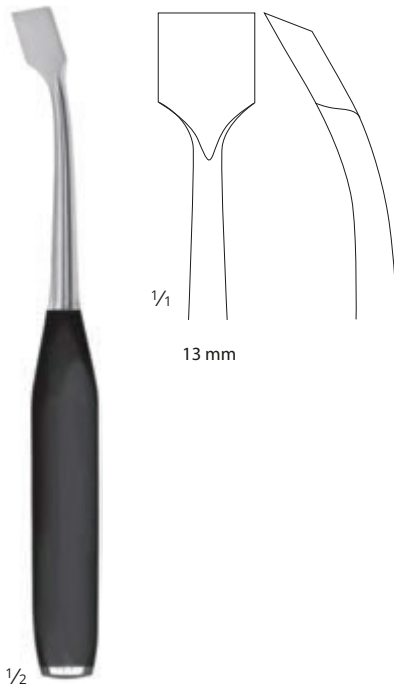
26-097-14  
20 cm / 7 7/8"



26-098-14  
20 cm / 7 7/8"



26-098-03  
20 cm / 7 7/8"



26-099-13  
20 cm / 7 7/8"



# Modified Hohman Elevators

Fig.1



Femoral Neck Elevator  
26-252-01

Fig.2



Extra deep, Fig.2  
26-252-02

Fig.3



Extra deep, Long Narrow, Fig.3  
26-252-03

Fig.4



Extra deep, Fig.4  
26-252-04

Fig.5



Extra deep, Fig.5  
26-252-05

Fig.6



Extra deep, Single Prong,  
Fig.6  
26-252-06

Fig.6s



Extra deep, Single Prong, Fig.6s  
26-252-07

Fig.7



Extra deep, Single Prong  
Acetabular  
26-252-08

## Periosteal Elevators

26

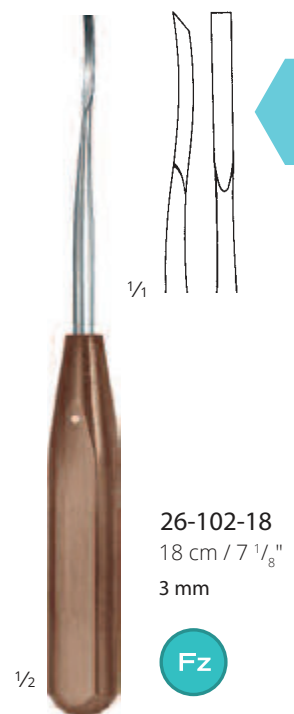


**26-100-18**  
18 cm / 7 1/8"  
6 mm

Fz

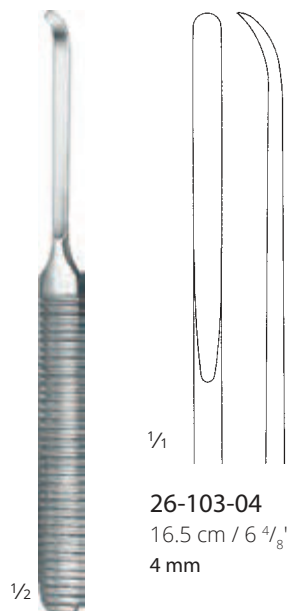


**Williger**  
**26-101-13**  
12.5 cm / 4 7/8"  
solid  
massiv  
macizo  
solide  
pieno  
6 mm



**26-102-18**  
18 cm / 7 1/8"  
3 mm

Fz

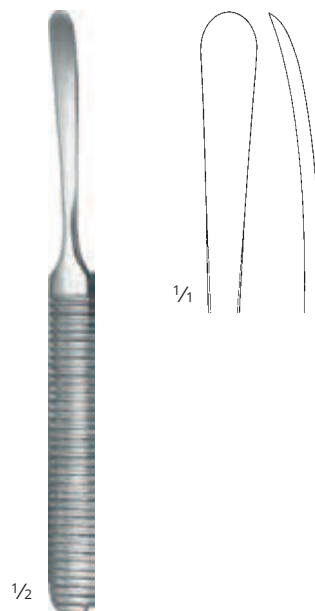


**26-103-04**  
16.5 cm / 6 4/8"  
4 mm

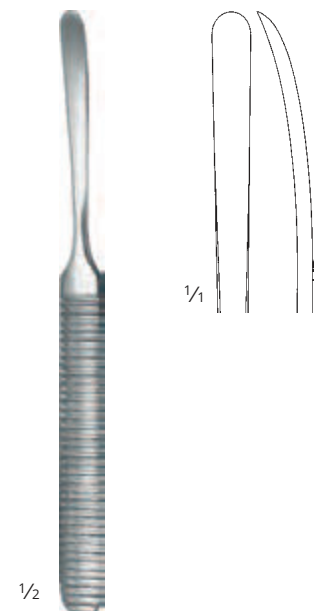
**Kahre-Williger**  
**26-103-04**  
**26-103-05**  
16.5 cm / 6 4/8"  
solid  
massiv  
macizo  
solide  
pieno



**26-103-05**  
16.5 cm / 6 4/8"  
5 mm

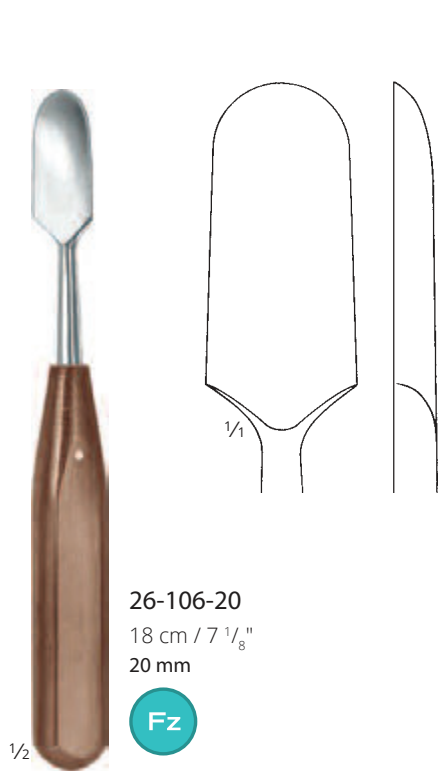


**Williger**  
**26-104-16**  
16 cm / 6 4/8"  
solid  
massiv  
macizo  
solide  
pieno  
7 mm

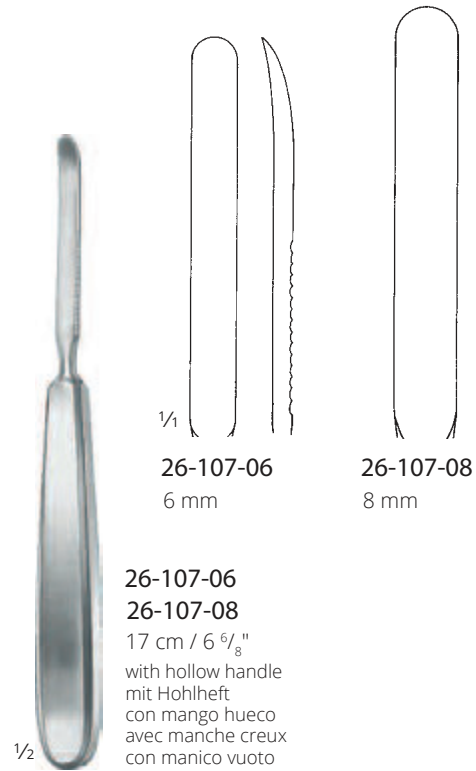


**Williger**  
**26-105-16**  
16 cm / 6 4/8"  
solid  
massiv  
macizo  
solide  
pieno  
6 mm

# Periosteal Elevators



26-106-20  
18 cm / 7 1/8"  
20 mm



26-107-06  
6 mm

26-107-08  
8 mm

26-107-06  
26-107-08  
17 cm / 6 6/8"  
with hollow handle  
mit Hohlheft  
con mango hueco  
avec manche creux  
con manico vuoto



**Doyen**  
26-108-17  
26-111-17  
17.5 cm / 7"

Rib Raspatories, with hollow handle  
Rippenraspatorien, mit Hohlheft  
Legras costales, con mango hueco  
Rugines pour le périoste costale, avec manche creux  
Periostotomi costali, con manico vuoto



26-108-17



26-109-17

for adults  
für Erwachsene  
para adultos  
pour adultes  
per adulti



26-110-17  
right curved  
rechts gebogen  
curvo a la derecha  
courbé à droite  
curvo destro

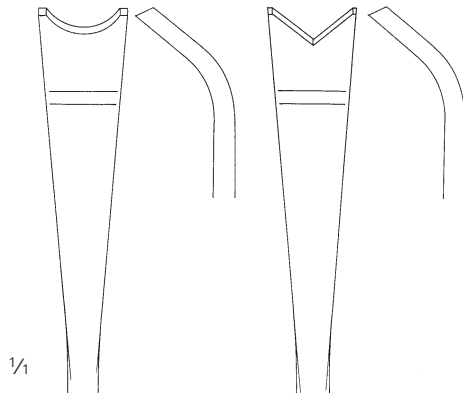


26-111-17  
left curved  
links gebogen  
curvo a la izquierda  
courbé à gauche  
curvo sinistro

for children  
für Kinder  
para niños  
pour enfants  
per bambini

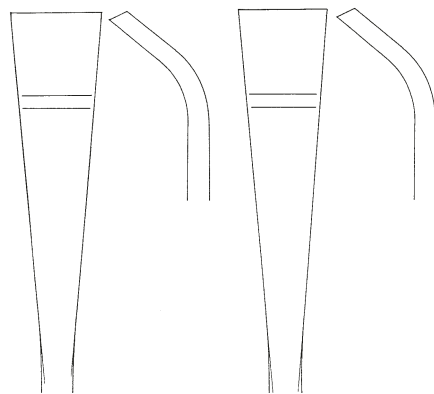
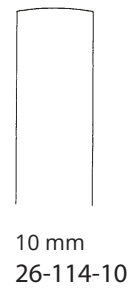
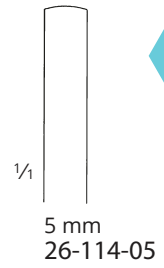
# Periosteal Elevators

26



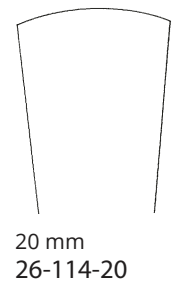
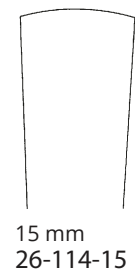
1/4  
12 mm  
Fig. 1  
26-113-01  
19 cm / 7 4/8"

12 mm  
Fig. 2  
26-113-02  
22 cm / 8 5/8"

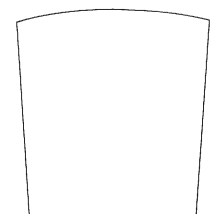


13 mm  
Fig. 3  
26-113-03  
19 cm / 7 4/8"

13 mm  
Fig. 4  
26-113-04  
22 cm / 8 5/8"



15 mm  
Fig. 5  
26-113-05  
23 cm / 9"



25 mm  
26-114-25



Alexander  
26-112-21  
21 cm / 8 2/8"

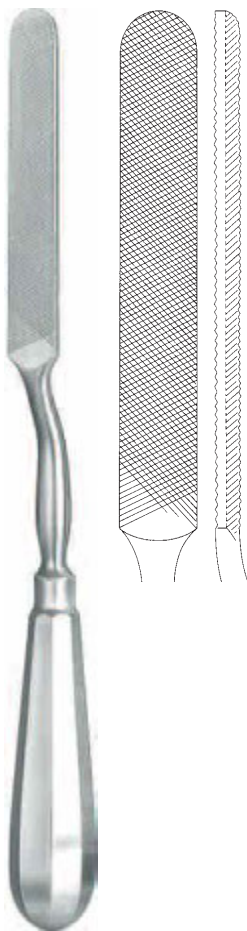


Semb  
26-113-01  
26-113-05



Lambotte  
26-114-05  
26-114-25  
21.5 cm / 8 4/8"

## Bone Files



**26-115-24**

25 cm / 9 <sup>7</sup>/<sub>8</sub> "

semi round, with hollow handle  
 halbrund, mit Hohlheft  
 semi-redonda, con mango hueco  
 semi-ronde, avec manche creux  
 semi-rotonda, con manico vuoto



**26-116-22**

22 cm / 8 <sup>5</sup>/<sub>8</sub> "

flat, solid  
 flach, massiv  
 plana, maciza  
 plate, solide  
 plana, solida



**26-252-18**

20.5 cm / 8.07"

half rounded,  
 flach, massiv  
 plana, maciza  
 plate, solide  
 plana, solida



**26-252-19**

16.5 cm / 6.49"

half rounded,  
 flach, massiv  
 plana, maciza  
 plate, solide  
 plana, solida

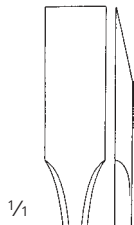
## Elevators, Bone Files

26



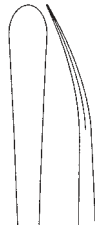
1/2

Adson  
26-117-17  
26-120-17



1/4

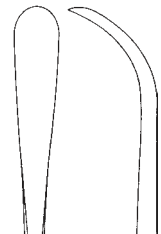
26-117-17  
17 cm / 6 6/8"   
7,9 mm



26-118-17  
17,5 cm / 6 7/8"   
5,0 mm



26-119-17  
17,5 cm / 6 7/8"   
7,7 mm



26-120-17  
17 cm / 6 6/8"   
6,3 mm



1/2

Miller-Colburn  
26-121-01  
26-121-05

downwards cutting  
auf Zug schneidend  
corte abajo  
tranchant en bas  
tagliente in basso

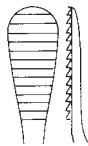


Fig.1  
26-121-01  
18 cm / 7 1/8"   
6,6 mm

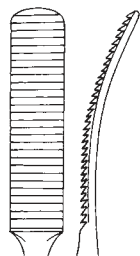


Fig.2  
26-121-02  
18 cm / 7 1/8"   
6,8 mm

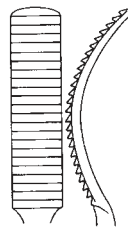


Fig.3  
26-121-03  
18 cm / 7 1/8"   
7,0 mm

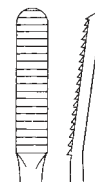


Fig.4  
26-121-04  
18 cm / 7 1/8"   
4,6 mm

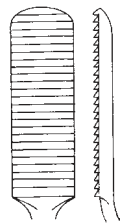
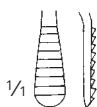
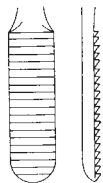


Fig.5  
26-121-05  
18 cm / 7 1/8"   
7,8 mm

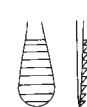


1/4

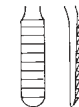
4,5 mm



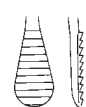
6,2 mm



4,6 mm



3,2 mm



4,2 mm

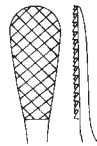
# Bone Files



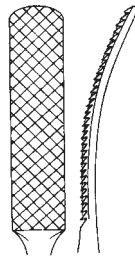
1/2

**Miller-Colburn**  
**26-122-01**  
**26-122-04**

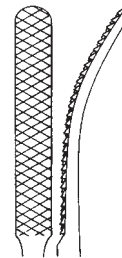
cross cut  
 Kreuzzieb  
 picado en cruz  
 taille croisée  
 tagliente a croce



**Fig.1**  
**26-122-01**  
 18 cm / 7 1/8"  
 6,0 mm



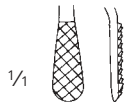
**Fig.2**  
**26-122-02**  
 18 cm / 7 1/8"  
 7,2 mm



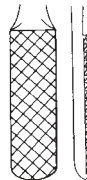
**Fig.3**  
**26-122-03**  
 18 cm / 7 1/8"  
 6,2 mm



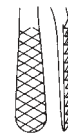
**Fig.4**  
**26-122-04**  
 18 cm / 7 1/8"  
 5,0 mm



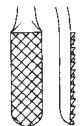
1/1  
 4,0 mm



5,6 mm



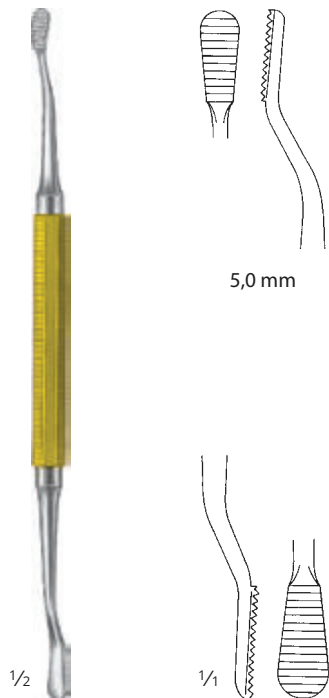
4,5 mm



4,0 mm

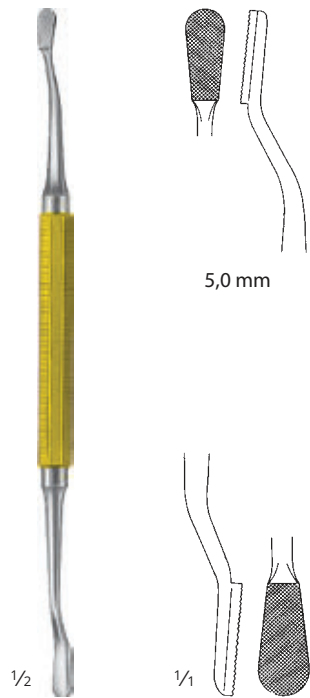
# Alveotomy Files, Elevators

## TC GOLD

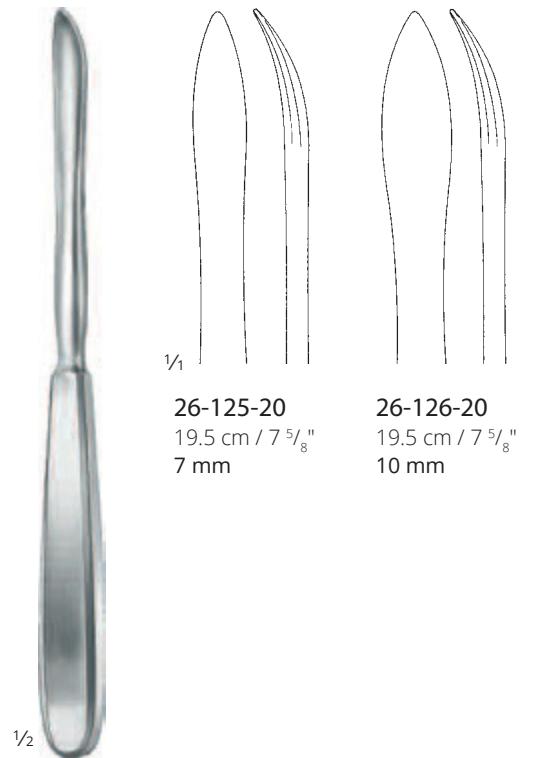


Miller  
26-123-19  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"

## TC GOLD



Miller  
26-124-19  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"



Langenbeck  
26-125-20  
26-126-20

1/4  
26-125-20  
19.5 cm / 7 <sup>5</sup>/<sub>8</sub>"  
7 mm  
26-126-20  
19.5 cm / 7 <sup>5</sup>/<sub>8</sub>"  
10 mm



# Elevators

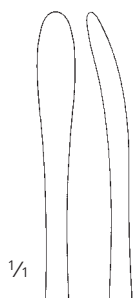


1/2

**Martin-Langenbeck**

26-127-01  
26-127-04

solid  
massiv  
macizo  
solide  
pieno



1/4

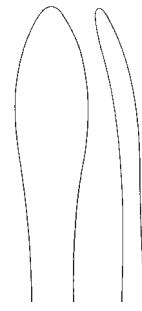
26-127-01  
17 cm / 6 6/8"  
5 mm



26-127-02  
17 cm / 6 6/8"  
7 mm



26-127-03  
19.5 cm / 6 5/8"  
8 mm

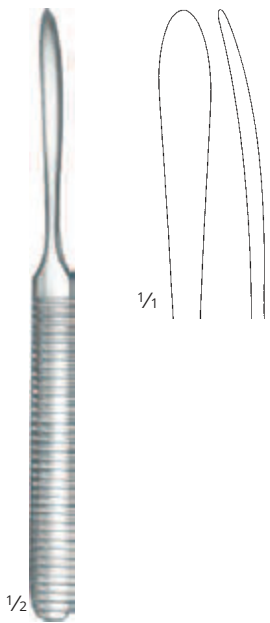


26-127-04  
19.5 cm / 7 5/8"  
10 mm

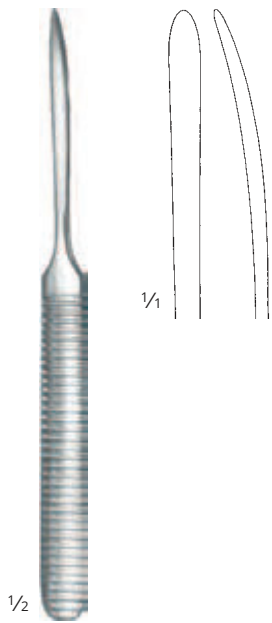


**Hill**  
26-252-13  
22 cm / 8.66"  
5 mm x 4 mm

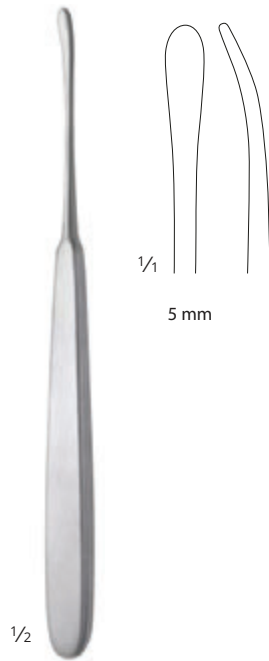
# Elevators



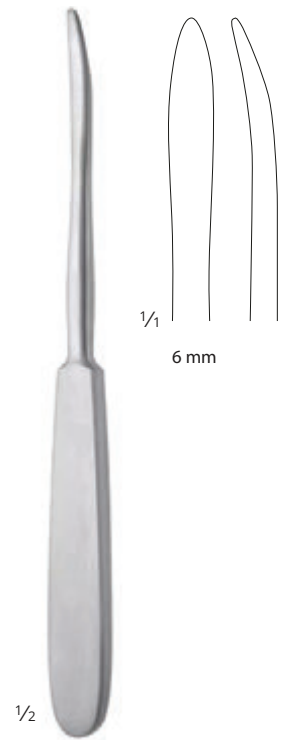
**Williger**  
**26-128-17**  
 17 cm / 6 <sup>6</sup>/<sub>8</sub>"  
 solid  
 massiv  
 macizo  
 solide  
 pieno  
 7 mm



**Williger**  
**26-129-16**  
 16 cm / 6 <sup>2</sup>/<sub>8</sub>"  
 solid  
 massiv  
 macizo  
 solide  
 pieno  
 4 mm

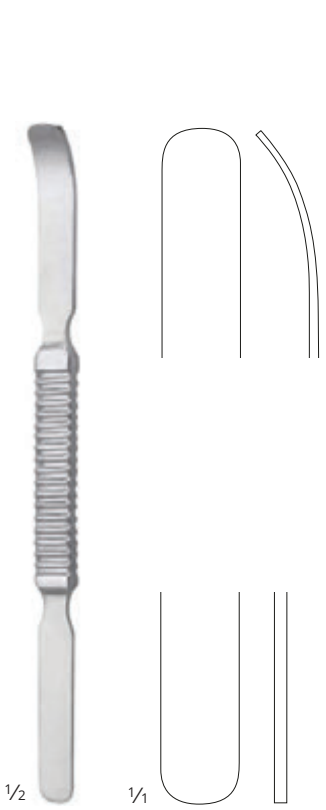


**Sebileau**  
**26-130-18**  
 17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"

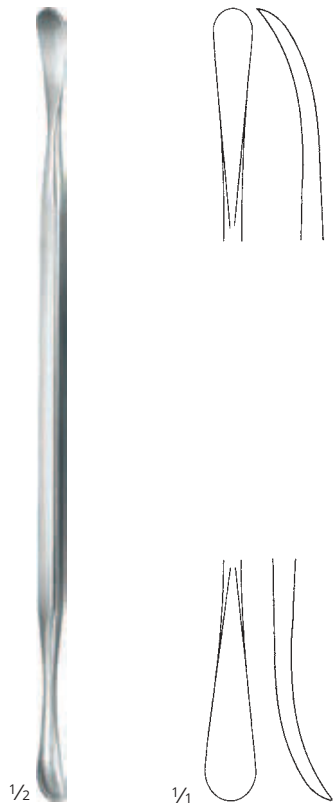


**Quervain**  
**26-131-20**  
 19.5 cm / 7 <sup>5</sup>/<sub>8</sub>"

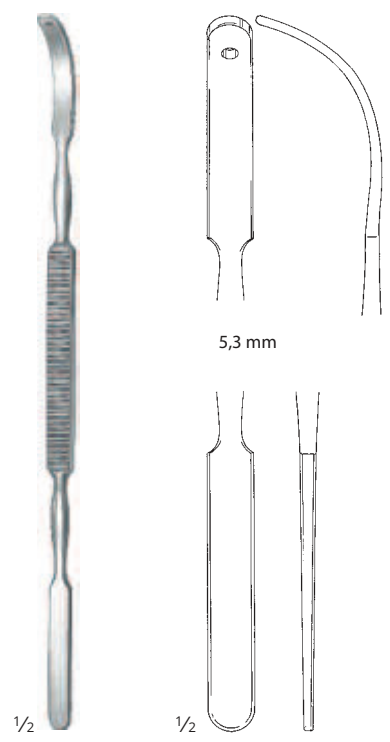
# Dissectors, double-ended



26-132-18  
18 cm / 7 1/8"

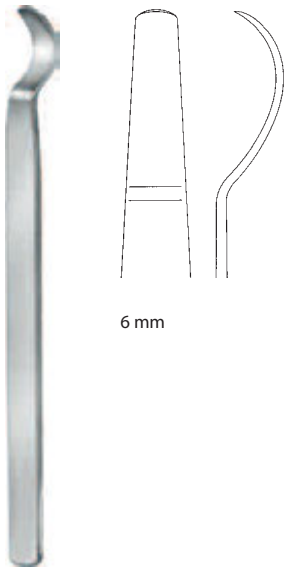


Alderdyce  
26-133-21  
21 cm / 8 2/8"



McDonald  
26-134-19  
18.5 cm / 7 2/8"

# Bone Levers

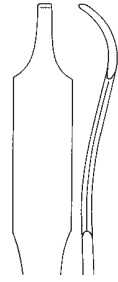


6 mm

**26-135-06**  
15 cm / 5 7/8"

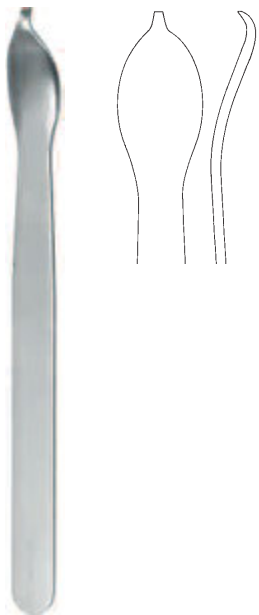


**26-136-06**  
16 cm / 6 2/8"  
6 mm

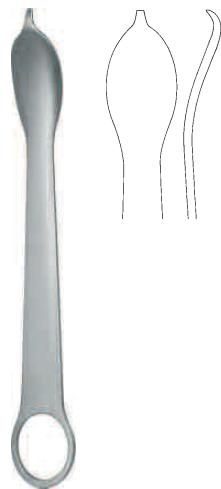


**26-136-08**  
16 cm / 6 2/8"  
8 mm

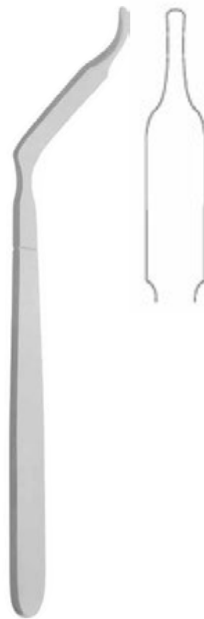
**Hohmann,mini**  
**26-136-06**  
**26-136-08**  
16 cm / 6 2/8"



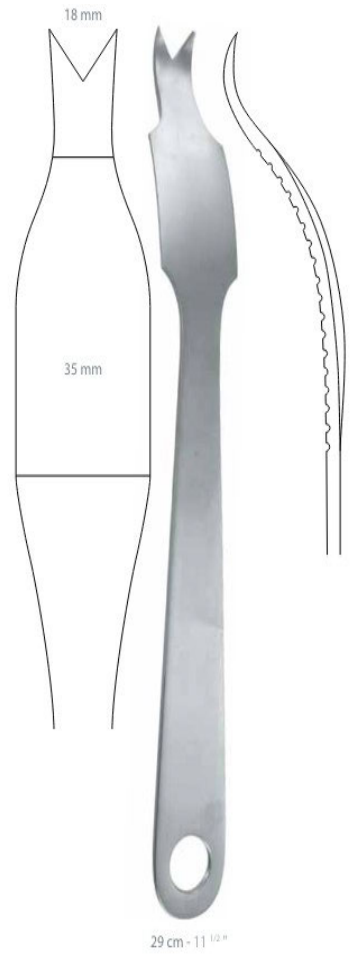
**26-137-16**  
16 cm / 6 2/8"  
15 mm



**26-138-12**  
12 cm / 4 6/8"  
15 mm

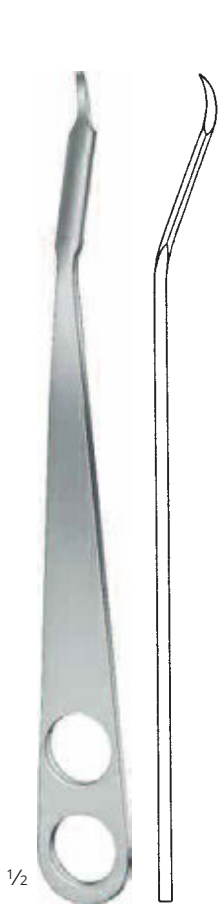


**12-195-32**  
18 cm  
12 x 35 mm

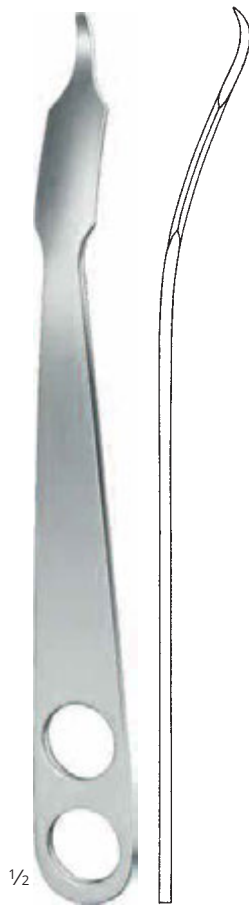


**12-195-31**  
29 cm  
35 mm

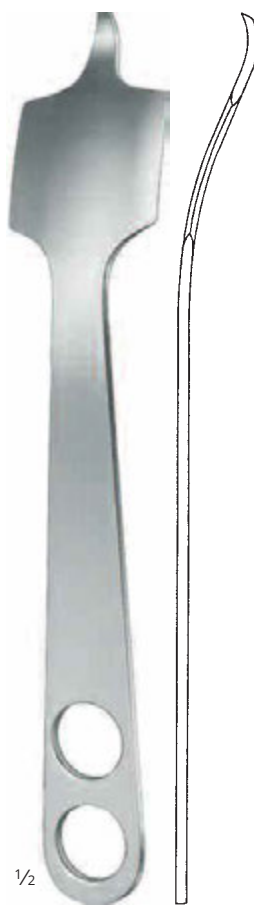
## Bone Levers



**Hohmann**  
**26-139-21**  
 21.5 cm / 8 <sup>4</sup>/<sub>8</sub>"  
 narrow tip  
 schmale Spitze  
 punta estrecha  
 pointe étroite  
 punta stretta  
 8 mm



**Hohmann**  
**26-140-23**  
 23.5 cm / 9 <sup>2</sup>/<sub>8</sub>"  
 narrow tip  
 schmale Spitze  
 punta estrecha  
 pointe étroite  
 punta stretta  
 18 mm



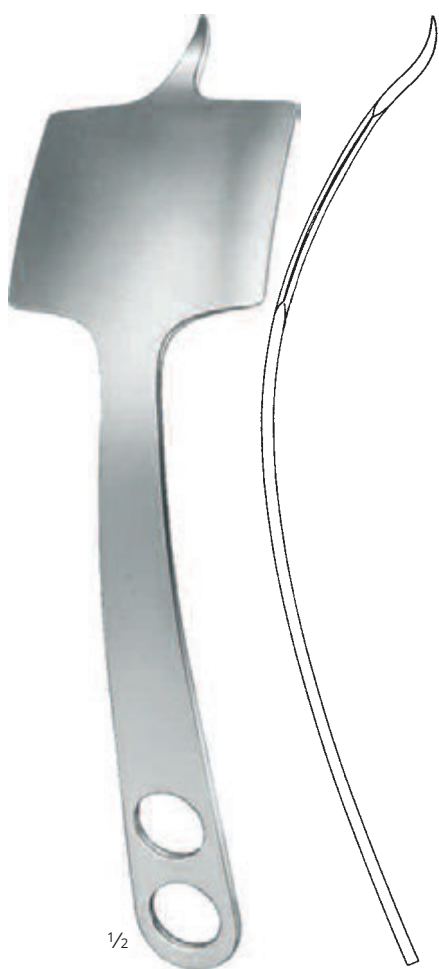
**Hohmann**  
**26-141-23**  
 23.5 cm / 9 <sup>2</sup>/<sub>8</sub>"  
 narrow tip  
 schmale Spitze  
 punta estrecha  
 pointe étroite  
 punta stretta  
 43 mm



**Hohmann**  
**26-252-17**  
 31.1 cm / 12.125"  
 narrow tip  
 schmale Spitze  
 punta estrecha  
 pointe étroite  
 punta stretta  
 19 mm

## Bone Levers

26



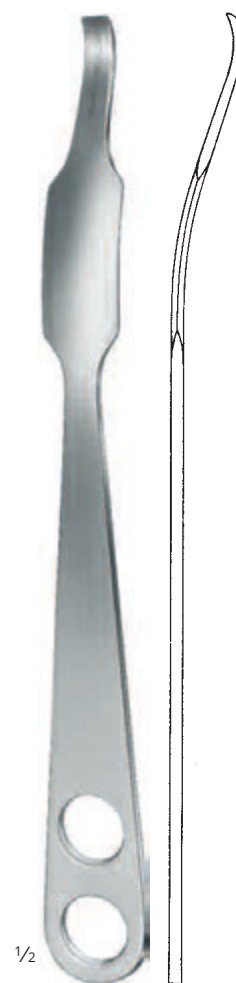
1/2

**Hohmann**  
**V26-142-25**  
25 cm / 9 <sup>7</sup>/<sub>8</sub>"  
narrow tip  
schmale Spitze  
punta estrecha  
pointe étroite  
punta stretta  
70 mm



1/2

**Hohmann**  
**V26-143-23**  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub>"  
narrow tip  
schmale Spitze  
punta estrecha  
pointe étroite  
punta stretta  
43 mm



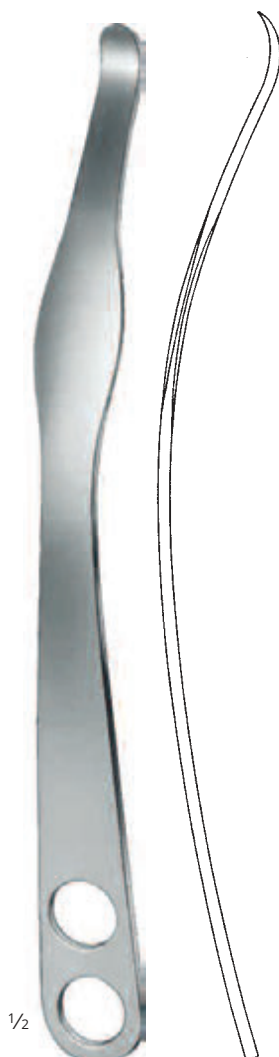
1/2

**Hohmann**  
**V26-144-25**  
25.5 cm / 10 "  
narrow tip  
schmale Spitze  
punta estrecha  
pointe étroite  
punta stretta  
22 mm

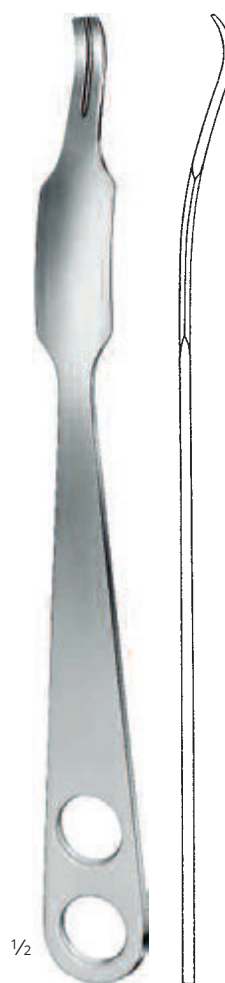
## Bone Levers



**Hohmann**  
**V26-145-29**  
 29 cm / 11 <sup>3</sup>/<sub>8</sub>"  
 wide tip  
 breite Spitze  
 punta ancha  
 pointe large  
 punta larga  
 35 mm



**Hohmann**  
**V26-146-27**  
 27.5 cm / 10 <sup>7</sup>/<sub>8</sub>"  
 wide, round tip  
 breites, rundes Ende  
 punta ancha, redonda  
 pointe large, ronde  
 punta larga, rotonda  
 24 mm



**Lange-Hohmann**  
**V26-147-25**  
 25 cm / 9 <sup>7</sup>/<sub>8</sub>"  
 wide tip with groove  
 breite Spitze mit Längsrille  
 punta ancha con ranura  
 pointe large avec rainure  
 punta larga con scanallatura  
 22 mm

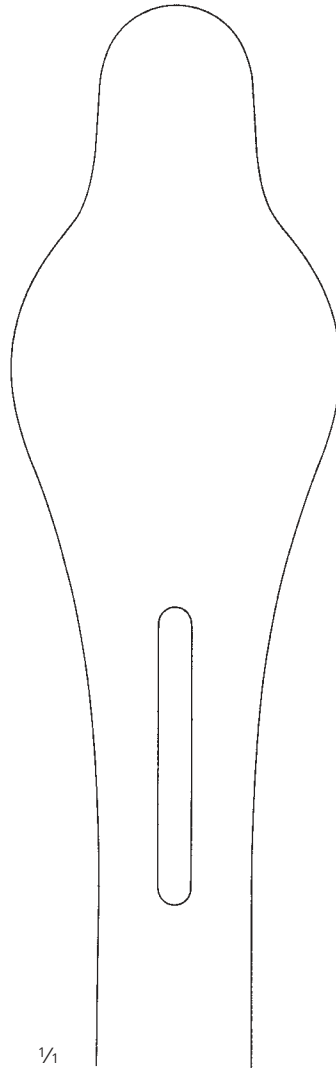
## Bone Levers

26



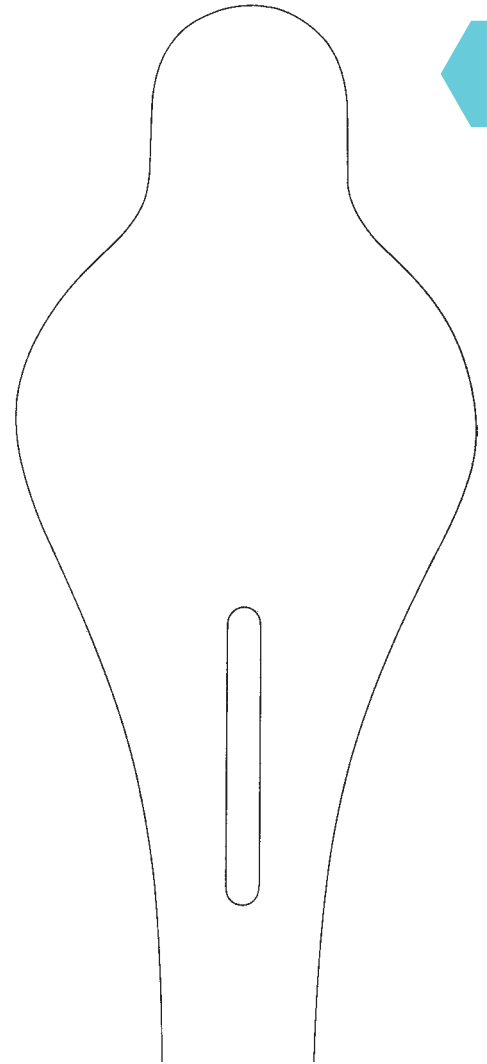
1/2

Bennett  
V26-148-24  
V26-149-24



1/1

V26-148-24  
24 cm / 9 <sup>4</sup>/<sub>8</sub> "  
43 mm



V26-149-24  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "  
60 mm



## Knee Retractors, Spinal Retractors



1/3

**Blount**

**26-150-26**

26.5 cm / 10 3/8"

stumpf  
blunt  
romo  
mousse  
smusso

39 mm



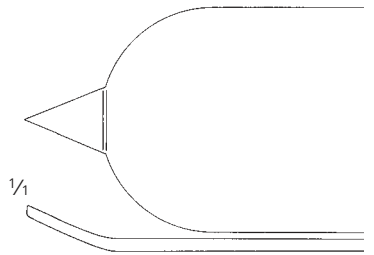
1/3

**Blount**

**26-152-26**

26.5 cm / 10 3/8"

47 mm

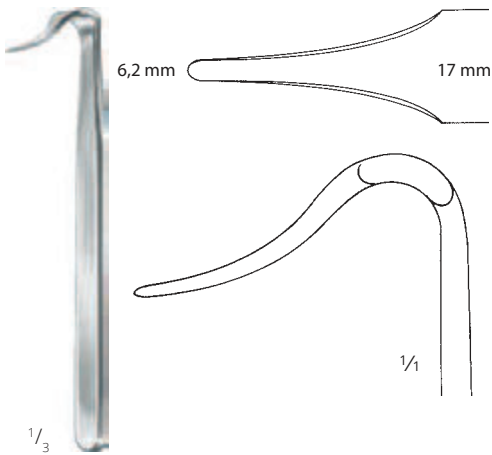


1/1

**26-154-16**

16 cm / 6 2/8"

95 x 30 mm



6,2 mm

17 mm

1/4

1/3

**Blount**

**26-153-17**

17.5 cm / 6 7/8"



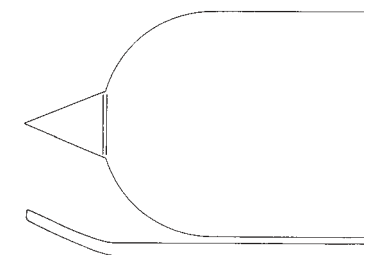
1/3

**Taylor**

**26-154-16**

**26-155-16**

16 cm / 6 2/8"











**26-155-16**

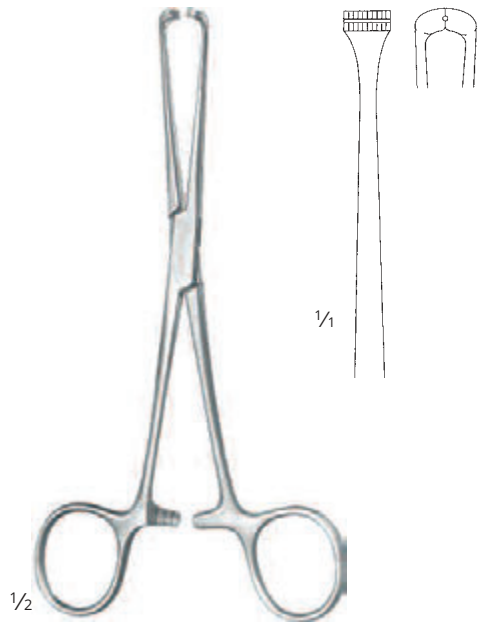
16 cm / 6 2/8"

115 x 30 mm

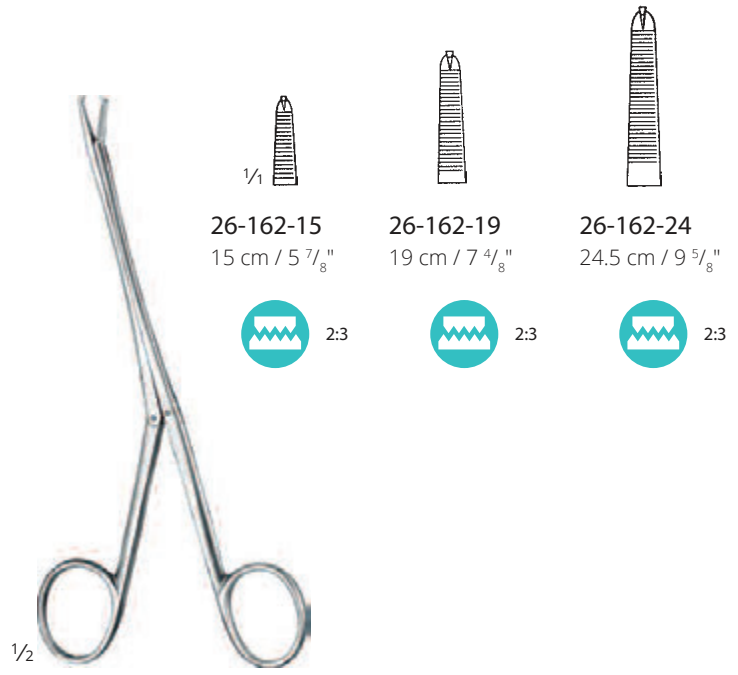
# Tendon Strippers

 <p>1/4 </p> <p><b>26-157-40</b> 23 cm / 9 " Ø4 mm</p>	  <p>1/4</p> <p><b>26-158-01</b> Screw Schraube Tornillo Vis Vite</p> <p> <b>26-158-00</b></p>	  <p>1/4</p> <p>1/2</p>	  <p>1/4</p> <p>malleable biegsam maleable malleabili</p>
<p>1/2</p> <p><b>26-157-40</b> <b>26-157-55</b> 23 cm / 9 " flexible shaft flexibler Schaft vástagó flexible tige flexible gambo flessibile</p>	<p>1/2</p> <p><b>26-158-00</b> <b>26-158-01</b> 33.5 cm / 13 2/8 " Tendon Passing Instrument Sehnen-durchzug-instrument Pasador de tendones Instrument pour passer les tendons Scollatendini</p>	<p>1/2</p> <p><b>26-159-29</b> 28.5 cm / 11 2/8 "</p>	<p>1/2</p> <p><b>Bunnell</b> <b>26-160-23</b> 23 cm / 9 " Tendon Passer Sehnen-durchzugs-sonde Sonda conductora de tendones Sonde conductrice pour tendons Sonda conduttrice per tendini</p>

# Tendon Holding Forceps, Tendon Tunnelling Forceps



**Steinmann**  
26-161-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



**Brand**  
26-162-15  
26-162-24

26-162-15  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"

26-162-19  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"

26-162-24  
24.5 cm / 9 <sup>5</sup>/<sub>8</sub>"



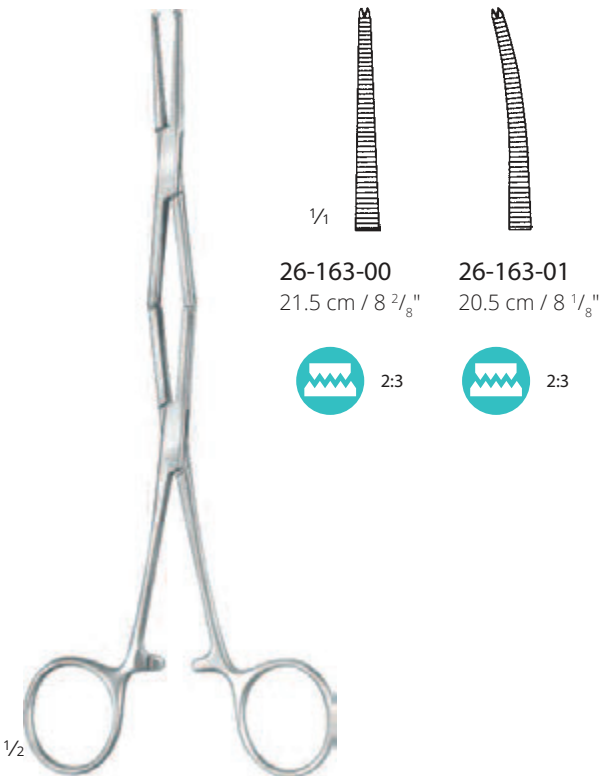
2:3



2:3



2:3



26-163-00  
21.5 cm / 8 <sup>2</sup>/<sub>8</sub>"

26-163-01  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



2:3

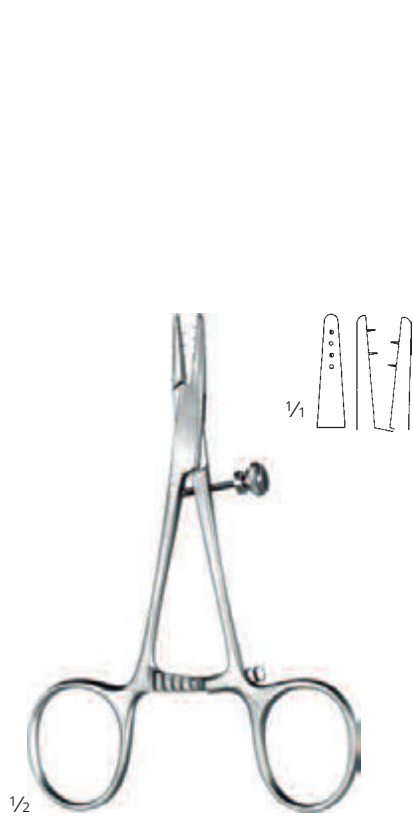


2:3



**Carroll**  
26-164-11  
11.5 cm / 4 <sup>4</sup>/<sub>8</sub>"

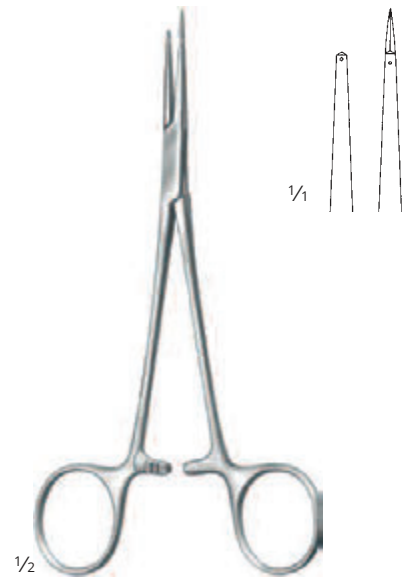
# Tendon Holding Forceps, Tendon Interlacing Forceps



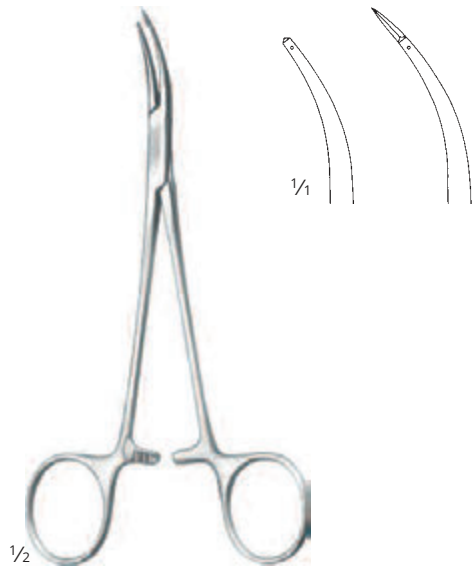
26-165-11  
11.5 cm / 4 4/8"



**Kleinert-Kutz**  
26-166-21  
21 cm / 8 2/8"  
shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta  
140 mm



26-167-15  
15 cm / 5 7/8"



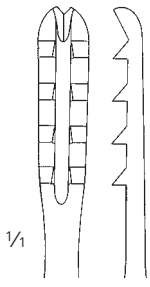
26-168-15  
15 cm / 5 7/8"



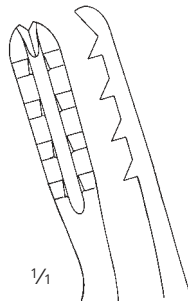
26-169-14  
14.5 cm / 5 6/8"

Bone Holding Forceps  
Knochenhaltezaugen  
Pinzas para hueso  
Daviers porte-os  
Tenaglie per ossa

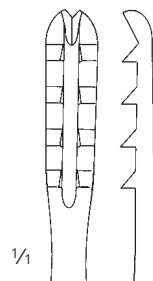
## Cartilage Seizing Forceps



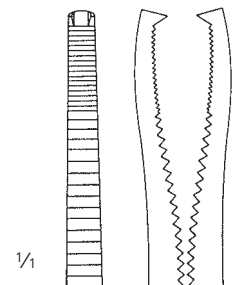
26-170-20  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"  
straight  
gerade  
recta  
droite  
diritta



26-171-20  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"  
curved upwards  
aufgebogen  
curva por arriba  
courbée en haut  
curva in alto



26-172-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"  
curved sideways  
seitwärts gebogen  
curva lateralmente  
courbée latéralement  
curva lateralmente



26-173-18  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



1/2

Bircher-Ganske  
26-170-20  
26-171-20



1/2

Bircher-Ganske  
26-172-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"  
curved sideways  
seitwärts gebogen  
curva lateralmente  
courbée latéralement  
curva lateralmente



1/2

Dingmann  
26-173-18  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"

## Cartilage Seizing Forceps, Reposition Forceps, Bone Holding Forceps

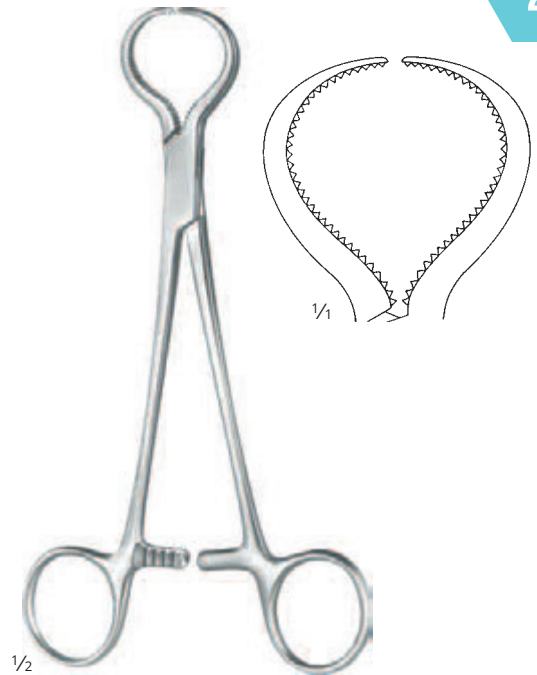
26



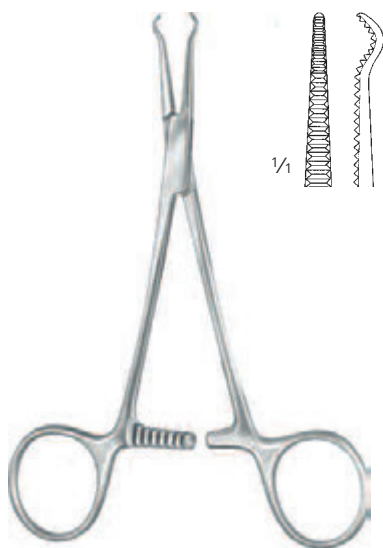
**Martin**  
26-174-18  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>''



**26-175-13**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub>''  
long ratchet  
lange Sperre  
cremallera larga  
cremallière longue  
cremagliera lunga



**Lewin**  
26-176-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub>''



**26-177-14**  
14 cm / 5 <sup>4</sup>/<sub>8</sub>''  
delicate  
grazil  
delicada  
gracile  
sottile



**26-178-09**  
9 cm / 3 <sup>4</sup>/<sub>8</sub>''  
lange Sperre  
long ratchet  
cremallera larga  
cremallière longue  
cremagliera lunga



**26-179-15**  
15 cm / 5 <sup>7</sup>/<sub>8</sub>''  
lange Sperre  
long ratchet  
cremallera larga  
cremallière longue  
cremagliera lunga

## Bone Holding Forceps



**Langenbeck**  
26-180-21  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"



**Fergusson**  
26-181-21  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"  
heavy pattern  
kräftiges Modell  
modelo fuerte  
modèle fort  
modello forte



**Frosch**  
26-182-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"



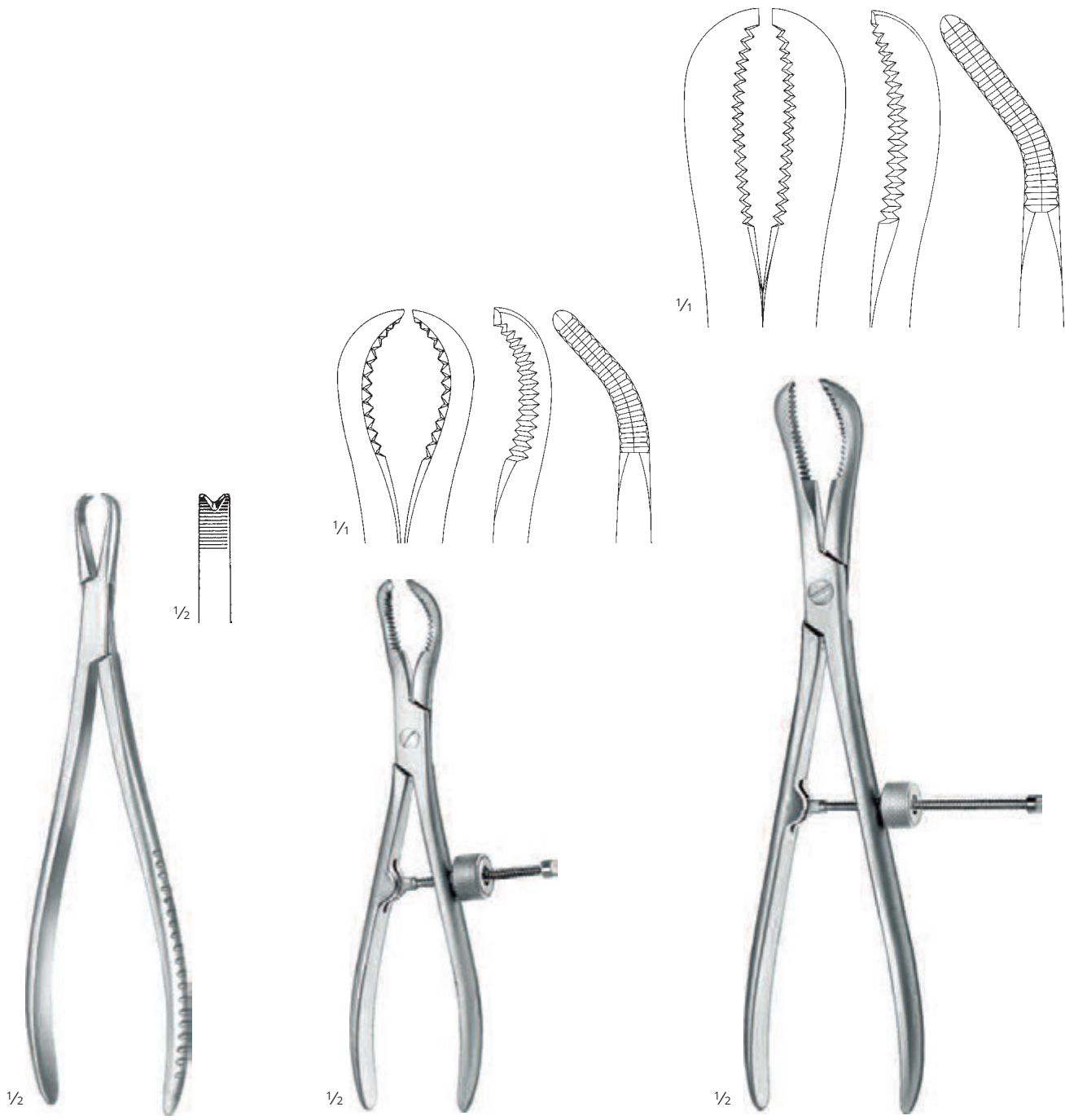
**Reill**  
26-252-20  
17 cm / 6.69"



**Patella**  
26-252-09  
20.5 cm / 8.07"

## Bone Holding Forceps, Reposition Forceps

26



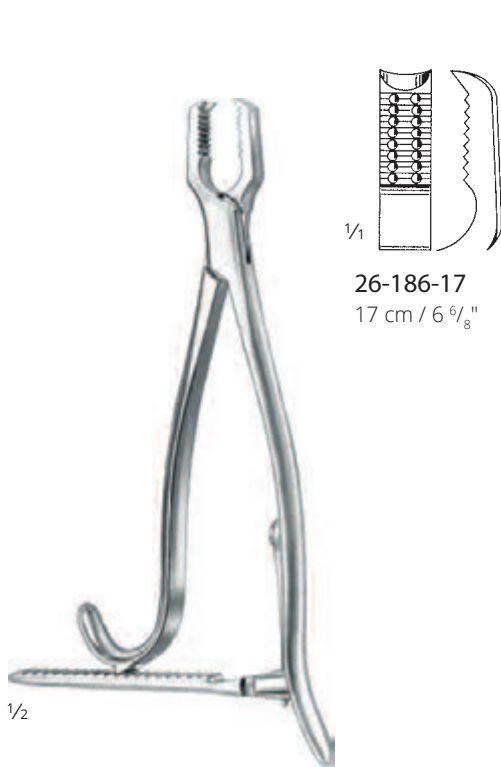
**26-183-20**  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"

**26-184-17**  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"  
with thread fixation  
mit Gewindesperre  
con cremallera de rosca  
avec cremallière filetée  
con cremagliera a filettatura

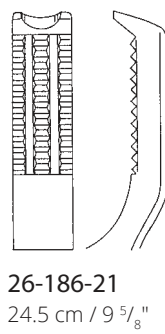
**26-185-24**  
24 cm / 9 <sup>4</sup>/<sub>8</sub>"  
with thread fixation  
mit Gewindesperre  
con cremallera de rosca  
avec cremallière filetée  
con cremagliera a filettatura



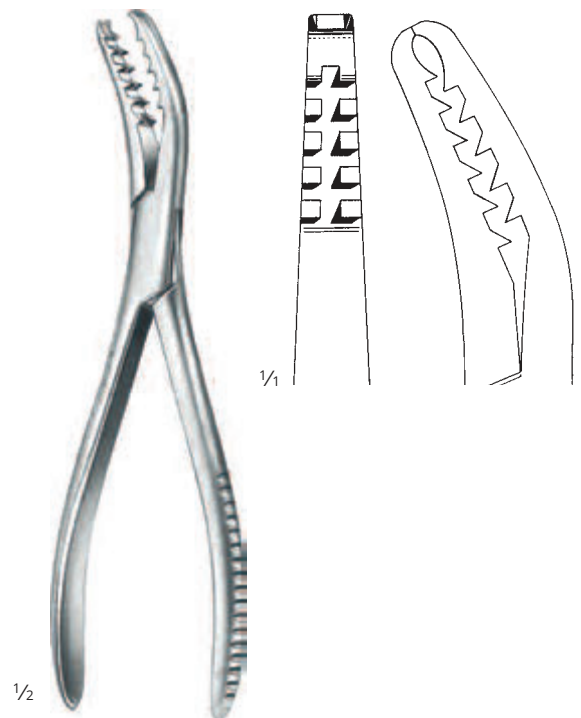
## Bone Holding Forceps, Reposition Forceps



26-186-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



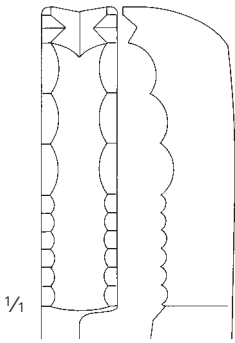
26-186-21  
24.5 cm / 9 <sup>5</sup>/<sub>8</sub>"



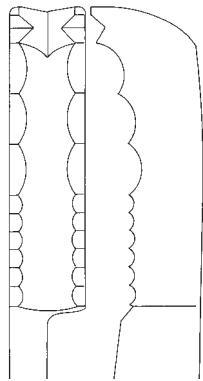
Semb  
26-187-19  
19.5 cm / 7 <sup>5</sup>/<sub>8</sub>"  
with thread fixation  
mit Gewindesperre  
con cremallera de rosca  
avec cremallière filetée  
con cremagliera a filettatura

Kern  
26-186-17  
26-186-21

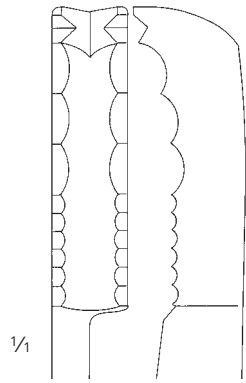
# Bone Holding Forceps



**26-188-23**  
23 cm / 9"



**26-188-26**  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"

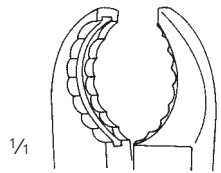
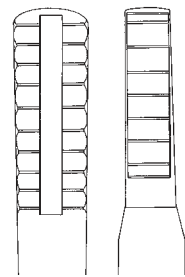
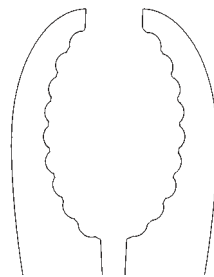
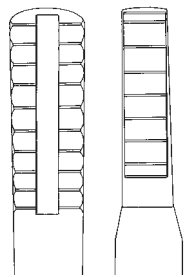
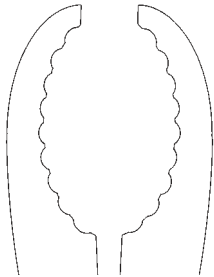


Farabeuf  
26-188-23  
26-188-26

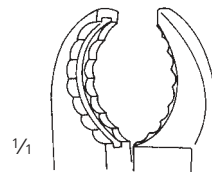


Farabeuf  
26-189-26  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"

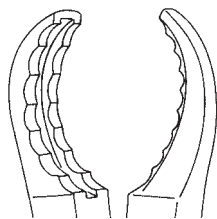
## Bone Holding Forceps



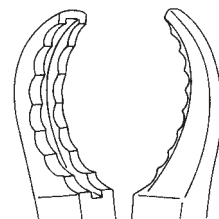
26-190-23  
23 cm / 9"



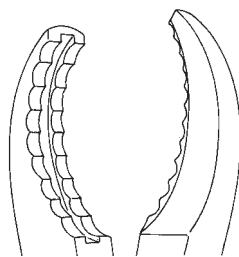
26-191-23  
23 cm / 9"



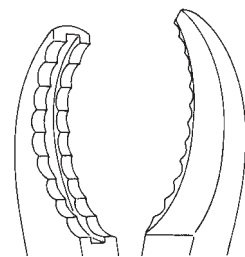
26-190-25  
25 cm / 9 <sup>7</sup>/<sub>8</sub>"



26-191-25  
25 cm / 9 <sup>7</sup>/<sub>8</sub>"



26-190-28  
28 cm / 11"



26-191-28  
27 cm / 10 <sup>5</sup>/<sub>8</sub>"

Ulrich

26-190-23  
26-190-28

with thread fixation  
mit Gewindesperre  
con cremallera de rosca  
avec cremallière fileté  
con cremagliera a filettatura

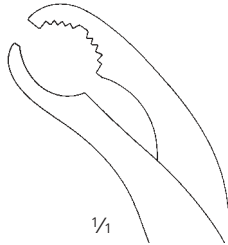
Ulrich

26-191-23  
26-191-28

with thread fixation  
mit Gewindesperre  
con cremallera de rosca  
avec cremallière fileté  
con cremagliera a filettatura

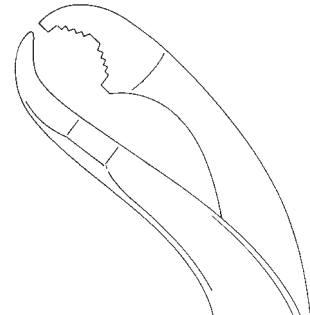
## Bone Holding Forceps

26

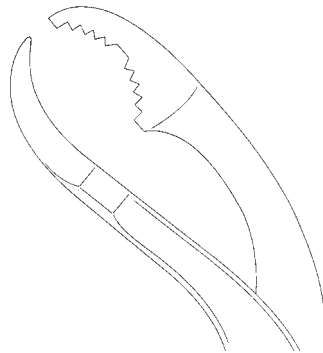


1/1

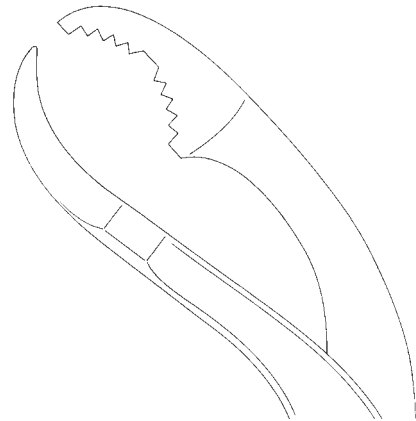
**26-192-15**  
15 cm / 5 7/8"



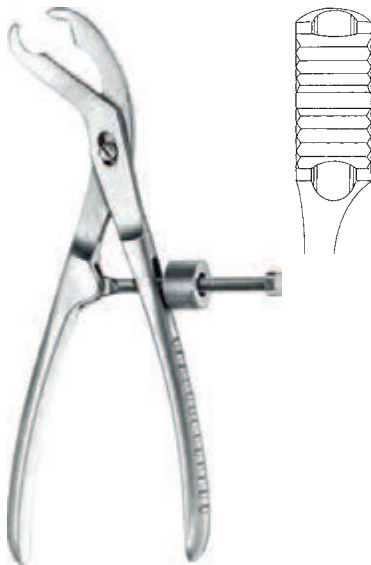
**26-192-19**  
20 cm / 7 7/8"



**26-192-24**  
24 cm / 9 4/8"



**26-192-26**  
26 cm / 10 2/8"



1/2

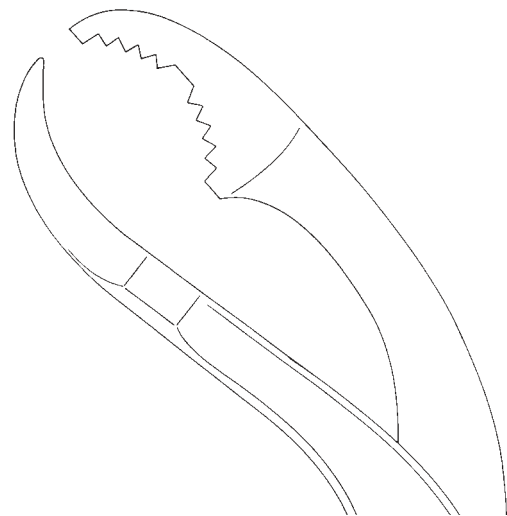
**26-192-90**  
Knurled nut  
Rändelmutter  
Tuerca moleteada  
Ecroû moleté  
Madrevite zigrinata



26-192-15  
26-192-90

**26-192-15**  
**26-192-90**

self-centering, with thread fixation  
selbstzentrierend, mit Gewindesperre  
autocentrante, con cremallera de rosca  
à centrage automatique, avec cremallière filettée  
centraggio automatico, con cremagliera a filettatura



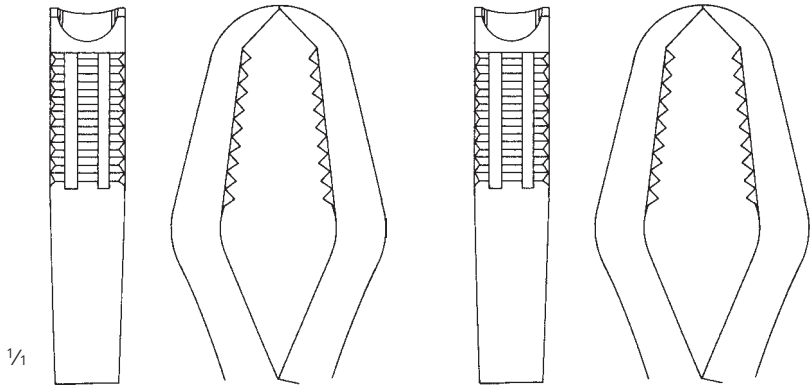
**26-192-28**  
28 cm / 11"

## Bone Holding Forceps



1/2

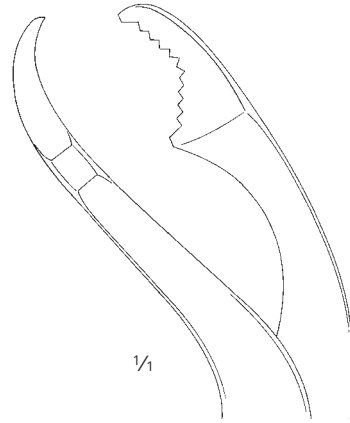
Lane  
26-193-33  
26-194-33  
33 cm / 13 "



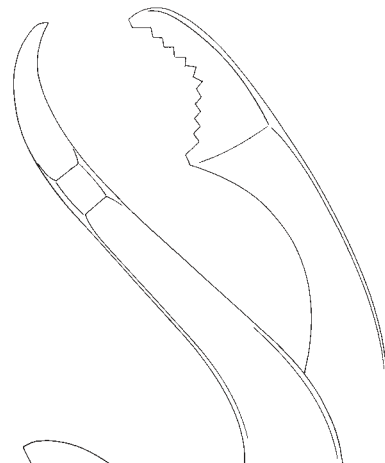
**26-193-33**  
without ratchet  
ohne Sperre  
sin cremallera  
sans cremallière  
senza cremagliera

**26-194-33**  
with ratchet  
mit Sperre  
con cremallera  
avec cremallière  
con cremagliera

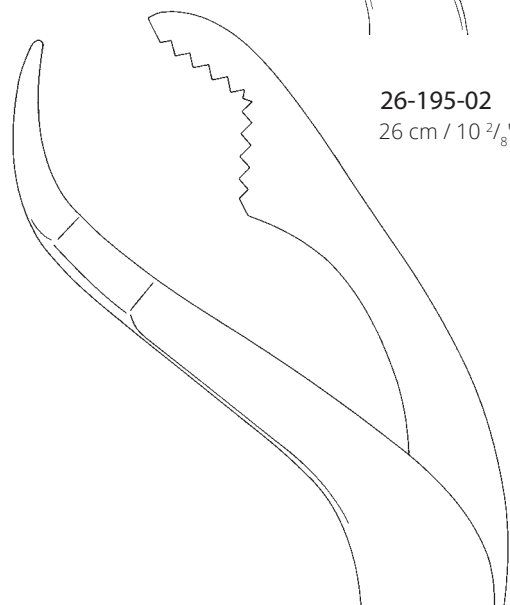
# Bone Holding Forceps



**26-195-01**  
25 cm / 9 <sup>7</sup>/<sub>8</sub> "



**26-195-02**  
26 cm / 10 <sup>2</sup>/<sub>8</sub> "

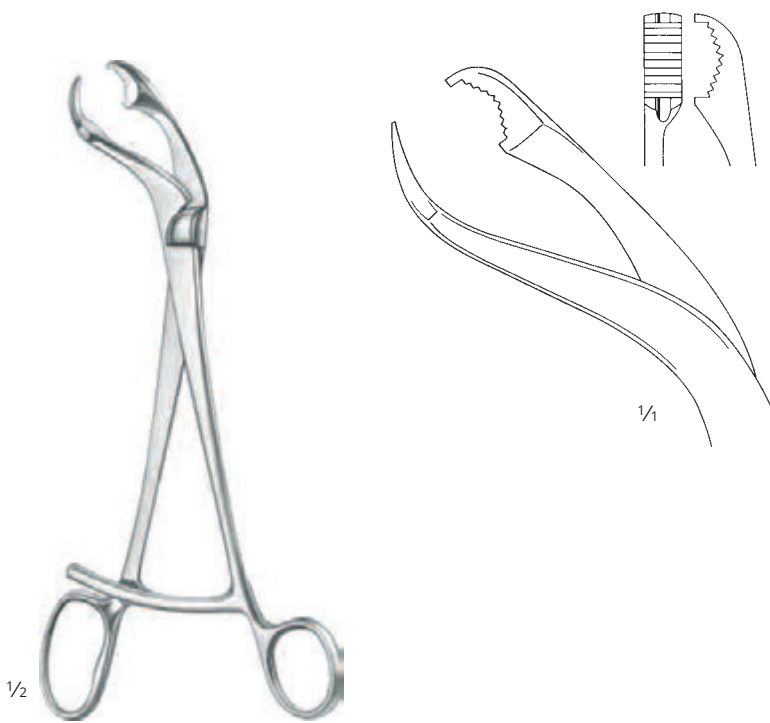


**26-195-03**  
27.5 cm / 10 <sup>7</sup>/<sub>8</sub> "



**Verbrugge**  
26-195-01  
26-195-03

## Bone Holding Forceps, Amputation Retractor



Verbrugge  
26-196-17  
17.5 cm / 6  $\frac{7}{8}$  "

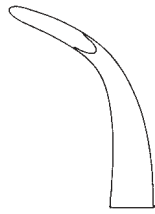


Percy  
26-197-30  
detachable  
auseinandernehmbar  
desmontable  
démontable  
smontabile

# Bone Rongeurs



1/1  
**26-198-01**  
 17 cm / 6 5/8"



**26-198-02**  
 16.5 cm / 6 4/8"



1/2  
**Friedmann**  
**26-199-12**  
 12.5 cm / 4 7/8"



1/2  
**Friedmann**  
**26-200-13**  
 13.5 cm / 5 3/8"



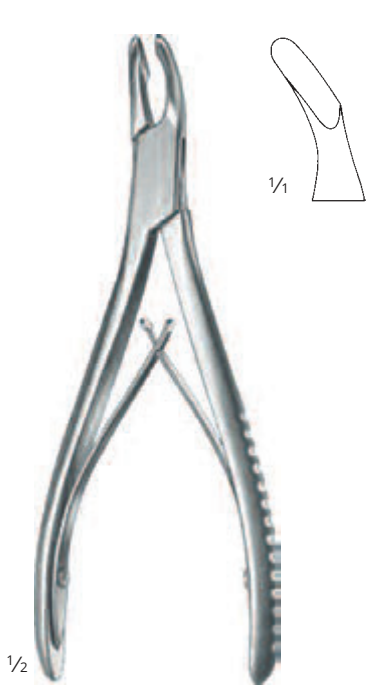
1/2  
**Friedmann**  
**26-201-13**  
 13.5 cm / 5 3/8"



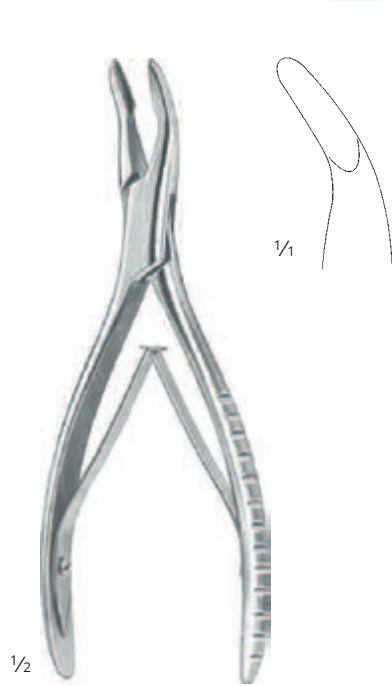
1/2  
**Cleveland**  
**26-202-13**  
 13.5 cm / 5 3/8"



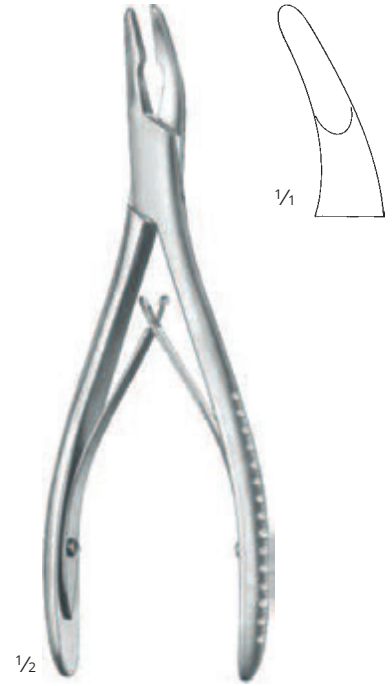
# Bone Rongeurs



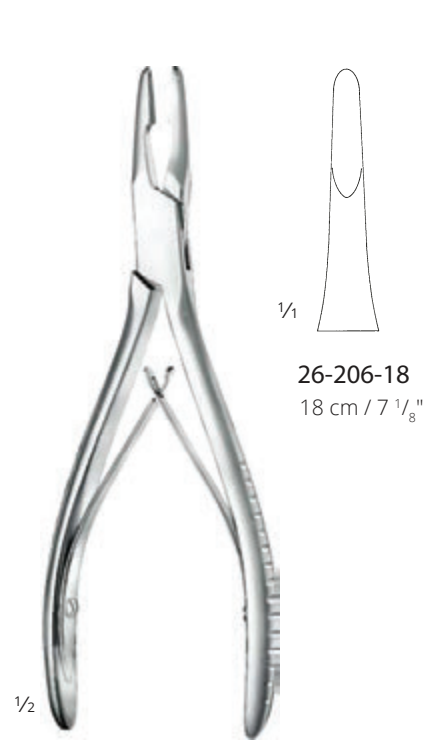
**Cleveland**  
26-203-17  
16.5 cm / 6 4/8"



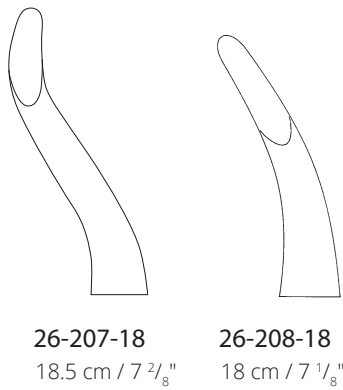
**Mead**  
26-204-16  
16.5 cm / 6 4/8"



**Hartmann**  
26-205-18  
17.5 cm / 6 7/8"



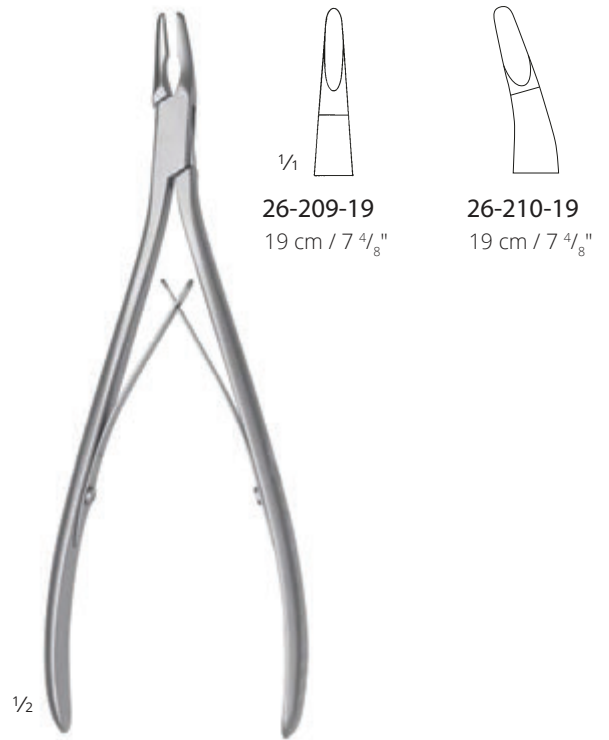
**Jansen**  
26-206-18  
26-208-18



**26-206-18**  
18 cm / 7 1/8"

**26-207-18**  
18.5 cm / 7 2/8"

**26-208-18**  
18 cm / 7 1/8"

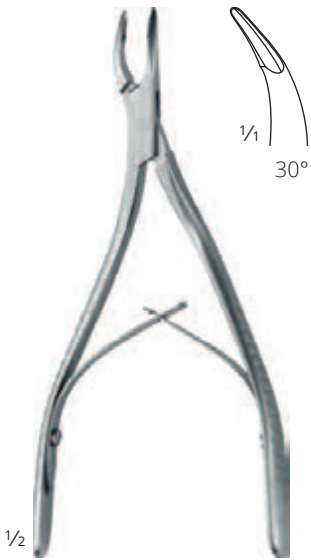


**Lempert**  
26-209-19  
26-210-19

**26-209-19**  
19 cm / 7 4/8"

**26-210-19**  
19 cm / 7 4/8"

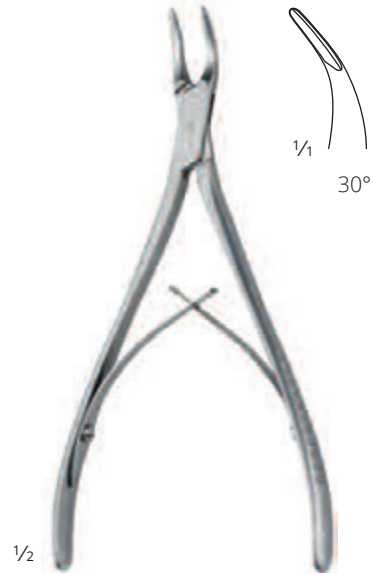
# Bone Rongeurs



**26-211-14**  
 15.5 cm / 6 1/8"  
 S-shape  
 S-Form  
 forma S  
 courbé en S  
 curvo in forma S



**26-212-15**  
 15.5 cm / 6 1/8"



**26-213-15**  
 15.5 cm / 6 1/8"



**26-214-90**  
 14.5 cm / 5 6/8"



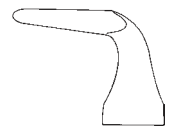
**Blumenthal**  
 26-215-16  
 26-217-15



**26-215-16**  
 16 cm / 6 2/8"



**26-216-15**  
 15.5 cm / 6 1/8"

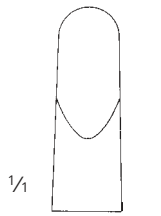


**26-217-15**  
 15.5 cm / 6 1/8"

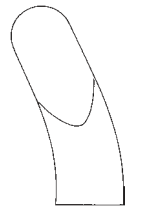
# Bone Rongeurs



Luer  
26-218-18  
26-219-18



26-218-18  
18.5 cm / 7 3/8"



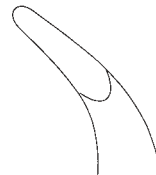
26-219-18  
18 cm / 7 1/8"



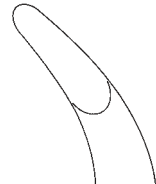
Luer  
26-220-15  
26-222-15



26-220-15  
14.5 cm / 5 6/8"



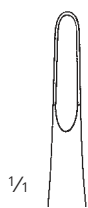
26-221-15  
14.5 cm / 5 6/8"



26-222-15  
14.5 cm / 5 6/8"



Böhler  
26-223-15  
26-224-15



26-223-15  
15 cm / 5 7/8"



26-224-15  
15 cm / 5 7/8"



Beyer  
26-225-18  
18 cm / 7 1/8"



## Bone Rongeurs

26



Zaufal-Jansen  
26-226-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"



Mayfield  
26-227-18  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"



Marquard  
26-228-20  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



Ruskin  
26-229-19  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"

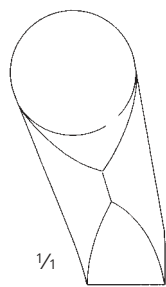


Ruskin  
26-230-24  
24 cm / 9 <sup>4</sup>/<sub>8</sub>"

## Bone Rongeurs



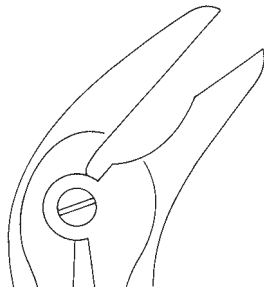
Semb  
26-231-22  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "



Stille  
26-232-22  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub> "

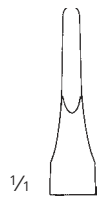


# Bone Rongeurs



1/2

Echlin  
26-233-02  
26-233-04  
23 cm / 9 "



1/4

26-233-02



26-233-03

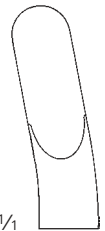


26-233-04



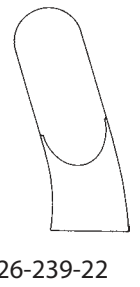
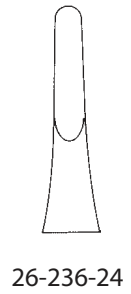
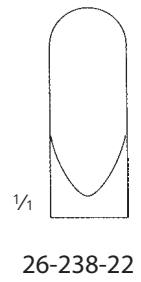
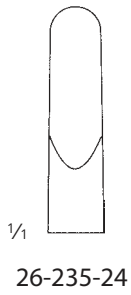
1/2

Stille-Ruskin  
26-234-23  
23.5 cm / 9 2/8 "



1/4

# Bone Rongeurs



Leksell-Stille  
26-235-24  
26-236-24  
24.5 cm / 9 5/8"

Frykholm  
26-237-24  
24.5 cm / 9 5/8"

Stille-Luer  
26-238-22  
26-239-22  
22.5 cm / 8 7/8"

# Bone Cutting Forceps



26-240-19

Cottle-Kazanjian  
26-240-19  
19 cm / 7 4/8"



1/2

Liston  
26-241-14  
26-241-22



26-241-14  
14 cm / 5 4/8"



26-241-17  
17 cm / 6 6/8"



26-241-19  
20 cm / 7 7/8"



26-241-22  
22 cm / 8 5/8"

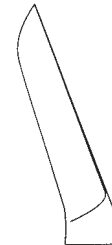


1/2

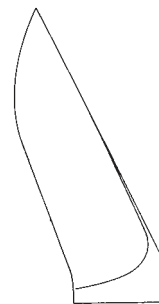
Liston  
26-242-14  
26-242-22



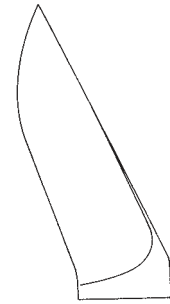
26-242-14  
14 cm / 5 4/8"



26-242-17  
17 cm / 6 6/8"



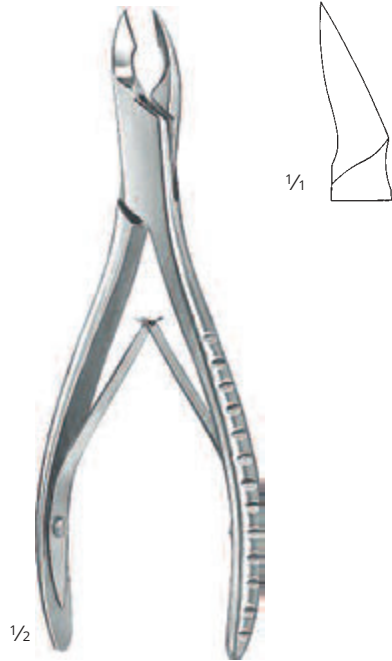
26-242-19  
20 cm / 7 7/8"



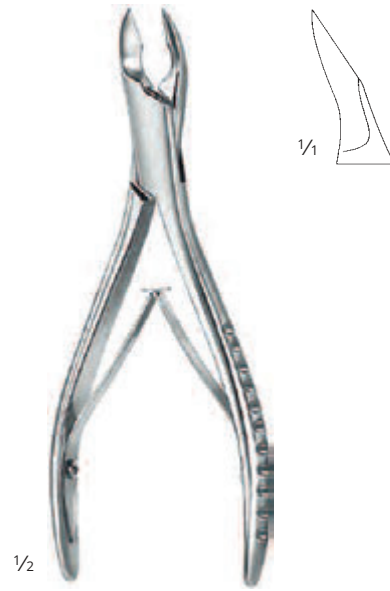
26-242-22  
22 cm / 8 5/8"



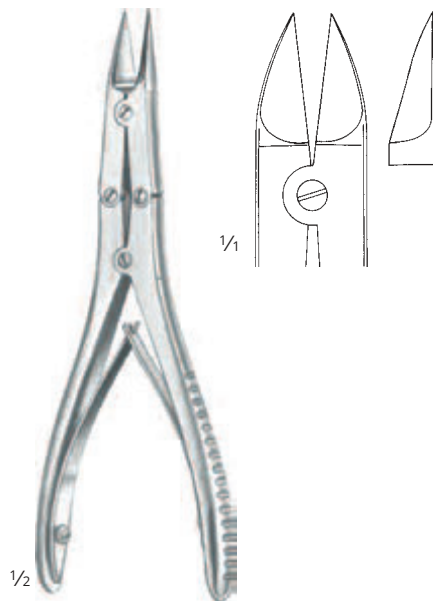
## Bone Cutting Forceps



Cleveland  
26-243-17  
17 cm / 6  $\frac{6}{8}$ "

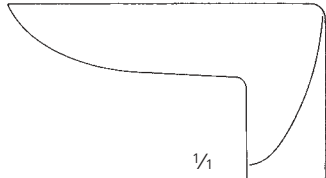
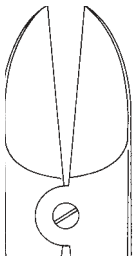


Cleveland  
26-244-15  
14.5 cm / 5  $\frac{6}{8}$ "



Böhler  
26-245-15  
14.5 cm / 5  $\frac{6}{8}$ "

# Bone Cutting Forceps



26-246-19  
19 cm / 7 4/8"

26-246-18  
18.5 cm / 7 2/8"



1/2

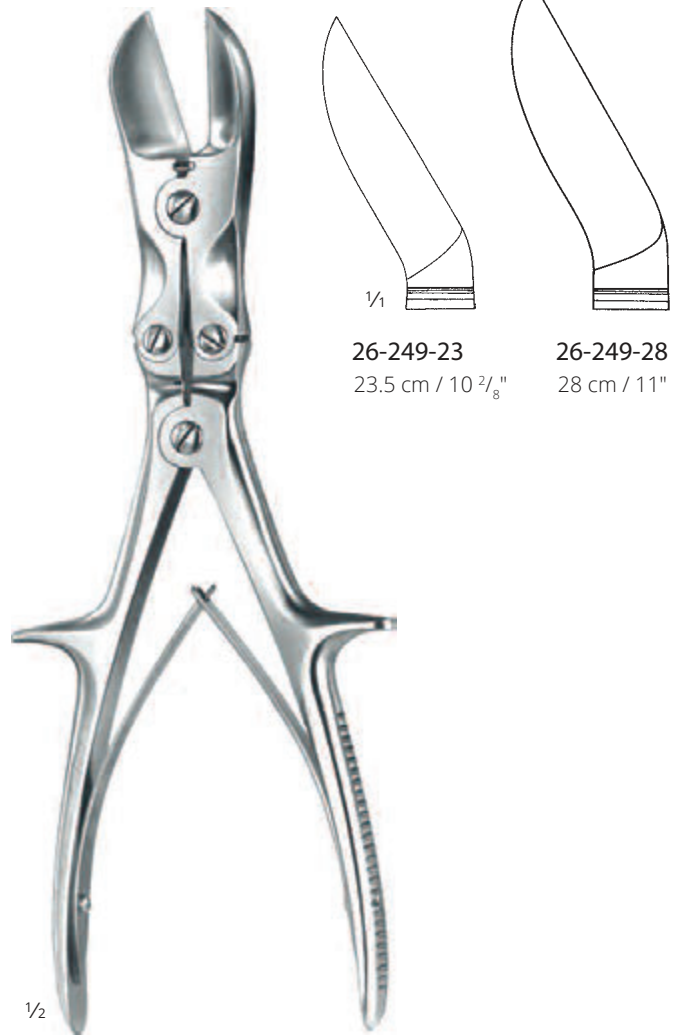
Stille-Liston  
26-247-26  
26 cm / 10 2/8"

Ruskin-Liston  
26-246-19  
26-246-18

# Bone Cutting Forceps



Stille-Liston  
26-248-28  
28 cm / 11"



26-249-23  
23.5 cm / 10 <sup>2</sup>/<sub>8</sub>"

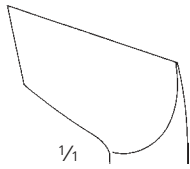
26-249-28  
28 cm / 11"

Stille-Liston  
26-249-23  
26-249-28

# Bone Cutting Forceps



Liston-Key  
26-250-26  
26 cm / 10 <sup>2</sup>/<sub>8</sub> "



26-251-17  
26-251-01  
17 cm / 5 <sup>6</sup>/<sub>8</sub> "

26-251-90  
Key  
Schlüssel  
Llave  
Clé  
Chiave

26-251-01  
Spare Saw Blade  
Ersatzsägeblatt  
Hoja de repuesto para sierra  
Lame de rechange pour scie  
Lama di ricambio per sega





28

# Cardiovascular Surgery

## Rib Shears

28



1/2

**28-001-23**  
23 cm / 9"  
Bone Shears  
Knochenschere  
Cizallas para hueso  
Cisailles à os  
Cesoia per ossa



1/2

**28-002-23**  
23 cm / 9"



1/2

**Gluck**  
**28-003-22**  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"

## Rib Shears, Sternum Chisel



1/2

**Giertz- Stille**  
28-004-27  
24.5 cm / 9 5/8"



1/2

**Lebsche**  
28-005-24  
24.5 cm / 9 5/8"

## Rib Retractors

28



1/2



**28-006-02**

Blades, only  
Valven, allein  
Valvas, suelta  
Valves, seul  
Valve, solo  
9 x 20 mm



**28-006-03**

Blades, only  
Valven, allein  
Valvas, suelta  
Valves, seul  
Valve, solo  
9 x 10 mm

Ti

for babies  
für Säuglinge  
para recién nacidos  
pour nourissons  
per neonati

with 2 pairs of blades  
mit 2 Paar Valven  
con 2 pares de valvas  
avec 2 paires de valves  
con 2 paia di valve

spreading  
Spreizweite  
abertura  
ouverture  
apertura

<b>28-006-01</b>	9 x 20 mm	52 mm
	9 x 10 mm	52 mm



1/2

Al

**Cooley**

for babies  
für Säuglinge  
para recién nacidos  
pour nourissons  
per neonati

lateral blades  
Seitenvalven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

<b>28-007-01</b>	12 x 16 mm	95 mm
------------------	------------	-------



1/2

Al

**Cooley**

for children  
für Kinder  
para niños  
pour enfants  
per bambini

lateral blades  
Seitenvalven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

<b>28-007-02</b>	15 x 30 mm	140 mm
------------------	------------	--------



1/2

Al

**Cooley**

for children  
für Kinder  
para niños  
pour enfants  
per bambini

lateral blades  
Seitenvalven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

<b>28-007-03</b>	21 x 44 mm	150 mm
------------------	------------	--------



## Rib Retractors



1/2

AI

### Cooley

for adults  
für Erwachsene  
para adultos  
pour adultes  
per adulti

lateral blades  
Seitenvalven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-007-04

35 x 50 mm

200 mm



1/2

AI

### Finochietto, Infant

for babies  
für Säuglinge  
para recién nacidos  
pour nourissons  
per neonati

lateral blades  
Seitenvalven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-008-01

15 x 15 mm

75 mm



1/2

AI

### Finochietto, Baby

for children  
für Kinder  
para niños  
pour enfants  
per bambini

lateral blades  
Seitenvalven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

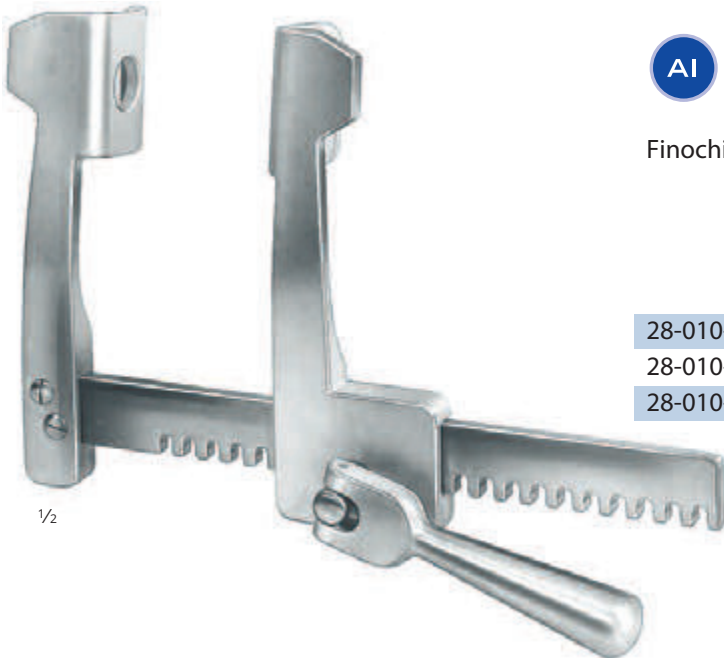
28-009-01

31 x 31 mm

100 mm

## Rib Retractors

28



AI

### Finochietto

lateral blades  
Seitenvlaven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-010-01	45 x 45 mm	135 mm
28-010-02	52 x 62 mm	175 mm
28-010-03	85 x 65 mm	175 mm

AI

### Burford

with 2 pairs of blades  
mit 2 Paar Valven  
con 2 pares de valvas  
avec 2 paires de valves  
con 2 paia di valve

spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-011-01	47 x 62 mm + 65 x 62 mm	200 mm
28-011-02	47 x 62 mm + 65 x 62 mm	260 mm
28-011-03	47 x 62 mm + 65 x 62 mm	300 mm



## Rib Retractors



AI

### Castañeda

for babies  
für Säuglinge  
para recién nacidos  
pour nourissons  
per neonati

lateral blades  
Seitenvalven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-012-01

10.5 x 32 mm

65 mm



AI

### Castañeda

for infants  
für Kleinkinder  
para bebés  
pour petits enfants  
per bambini piccoli

lateral blades  
Seitenvalven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-012-02

12 x 45 mm

70 mm



AI

### Castañeda

for infants  
für Kleinkinder  
para bebés  
pour petits enfants  
per bambini piccoli

lateral blades  
Seitenvalven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-012-03

15 x 60 mm

120 mm

## Rib Retractors

28



AI

Finochietto (modif.)

lateral blades  
Seitenvalven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-013-01

14 x 15 mm

120 mm



Haight

lateral blades  
Seitenvalven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

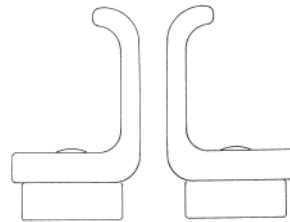
28-014-90

30 x 30 mm

120 mm

## Sternal Retractors

1/2



### Morse-Favaloro

for children  
für Kinder  
para niños  
pour enfants  
per bambini

4 movable blades  
4 bewegliche Valven  
4 valvas móviles  
4 valves mobiles  
4 valve mobili

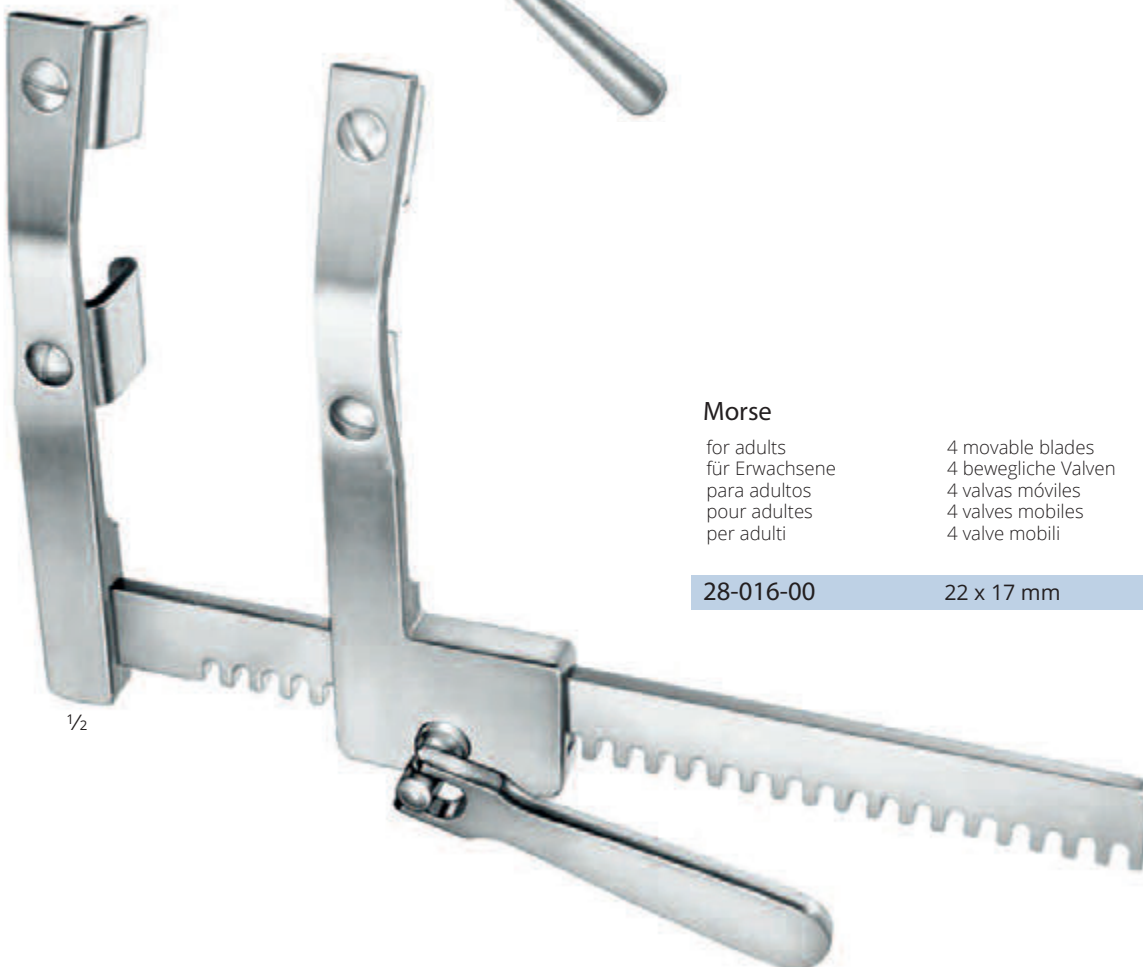
spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-015-01

17 x 22 mm

160 mm

1/2



### Morse

for adults  
für Erwachsene  
para adultos  
pour adultes  
per adulti

4 movable blades  
4 bewegliche Valven  
4 valvas móviles  
4 valves mobiles  
4 valve mobili

spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-016-00

22 x 17 mm

200 mm

## Rib Retractors

28



Tuffier

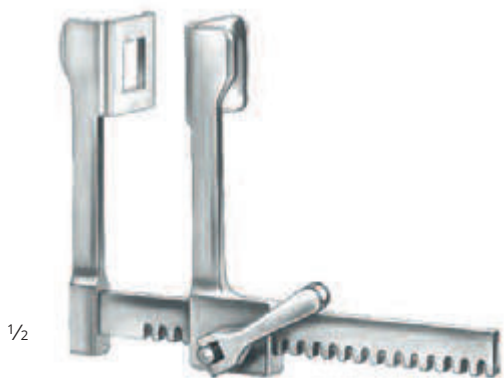
lateral blades  
Seitenvlaven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-017-02

45 x 45 mm

160 mm



Finochietto, Baby

lateral blades  
Seitenvlaven  
hojas laterales  
valves latérales  
valve laterali

spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-018-75

14 x 15 mm

75 mm

# Rib Retractors



## De Bakey

with 3 pairs of blades  
 mit 3 Paar Valven  
 con 3 pares de valvas  
 avec 3 paires de valves  
 con 3 paia di valve

spreading  
 Spreizweite  
 abertura  
 ouverture  
 apertura

28-019-00	28-019-02-28-019-04	150 mm
-----------	---------------------	--------

Retractor only  
 Sperrer allein  
 Separador suelto  
 Ecarteur seul  
 Divaricatore solo

28-019-01
-----------



Lateral Blades  
 Seitenvlaven  
 Valvas laterales  
 Valves latérales  
 Valve laterali

28-019-02	= Fig.1	30 x 30 mm
28-019-03	= Fig.2	40 x 40 mm
28-019-04	= Fig.3	50 x 50 mm

# Rib Retractors



## De Bakey

with 3 pairs of blades  
mit 3 Paar Valven  
con 3 pares de valvas  
avec 3 paires de valves  
con 3 paia di valve

spreading  
Spreizweite  
abertura  
ouverture  
apertura

28-020-00	28-020-02-28-020-04	200 mm
-----------	---------------------	--------

Retractor only  
Sperrer allein  
Separador suelto  
Ecarteur seul  
Divaricatore solo

28-020-01
-----------



Fig.1

Fig.2



Fig.3

Fig.4



Fig.5

Lateral Blades  
Seitenvlaven  
Valvas laterales  
Valves latérales  
Valve laterali

28-020-02	= Fig.1	60 x 60 mm
28-020-03	= Fig.2	50 x 80 mm
28-020-04	= Fig.3	40 x 100 mm
28-020-05	= Fig.4	80 x 60 mm
28-020-06	= Fig.5	50 x 66 mm



# Thoracic Retractor



(Mercedes Retractor)  
 (Mercedes-Sperrer)  
 (Retractor Mercedes)  
 (Ecarteur Mercedes)  
 (Divaricatore Mercedes)

with 1 pair of blades each  
 mit je 1 Paar Valven  
 con 1 par de valvas de c.u.  
 avec chaqun 1 paire de valves  
 con un paio di valve ognuno

28-021-00

28-021-65 + 28-021-75

Retractor only  
 Sperrer allein  
 Separador suelto  
 Ecarteur seul  
 Divaricatore solo

28-021-01



Fig.1



Fig.2

Lateral Blades  
 Seitenvlaven  
 Valvas laterales  
 Valves latérales  
 Valve laterali

pair  
 Paar  
 par  
 paire  
 Paio

28-021-65 = Fig.1

48 x 68 mm

28-021-75 = Fig.2

70 x75 mm

# Thoracic and I.M.A Retractor



28-022-00



Lateral Blade for I.M.A. Retractor  
 Stielvalve für I.M.A. Sperrer  
 Valva para separador I.M.A.  
 Valve pour écarteur I.M.A.  
 Valve per divaricatore I.M.A.

left  
 links  
 izquierda  
 gauche  
 sinistra

rightrechts  
 derecha  
 droite  
 destra

28-022-01 40 x 50 x 80 mm  
 28-022-02 40 x 50 x 80 mm

## Rib Contractors



**Sellors**  
28-023-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"

**Bailey-Baby**  
28-024-15  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub>"

**Bailey**  
28-025-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"  
short claws  
kurze Klauen  
garras cortas  
bras courts  
pinze corte

**Bailey-Gibbon**  
28-026-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"  
long claws  
lange Klauen  
garras largas  
bras longs  
pinze lunghe

## Lung Spatulas

28



**28-027-30**

29.5 cm / 11 <sup>5</sup>/<sub>8</sub> "

Working part, narrow  
Arbeitsteil schmal  
Elemento de trabajo, estrecha  
Élément de travail, étroit  
Elemento di lavoro, stretto

**28-027-33**

33cm / 13 "

Working part, wide  
Arbeitsteil breit  
Elemento de trabajo, ancha  
Élément de travail, large  
Elemento di lavoro, largo

Allison

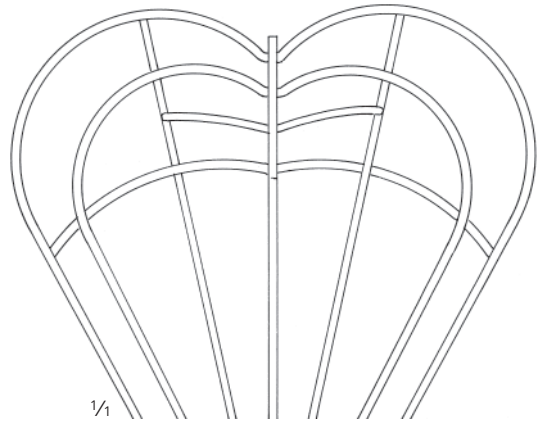
28-027-30

28-027-33

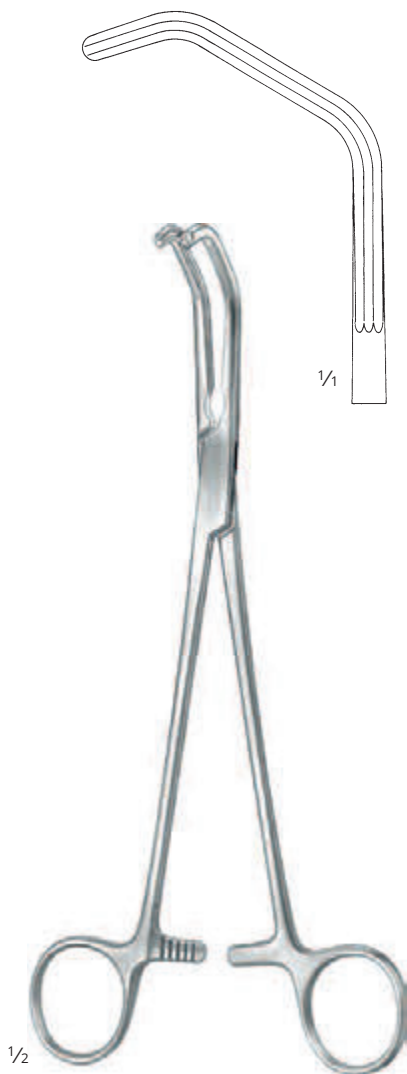


**28-028-30**

29.5 cm / 11 <sup>5</sup>/<sub>8</sub> "



## Bronchus Clamps



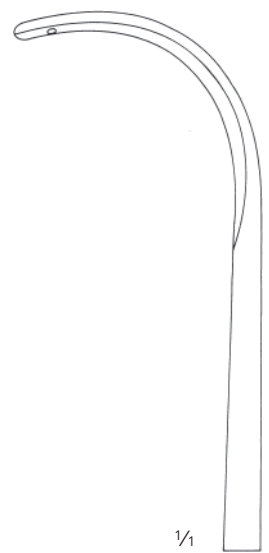
**Price-Thomas**  
 28-029-22  
 22 cm / 8  $\frac{5}{8}$ "



**Semb**  
 28-030-25  
 28-030-24



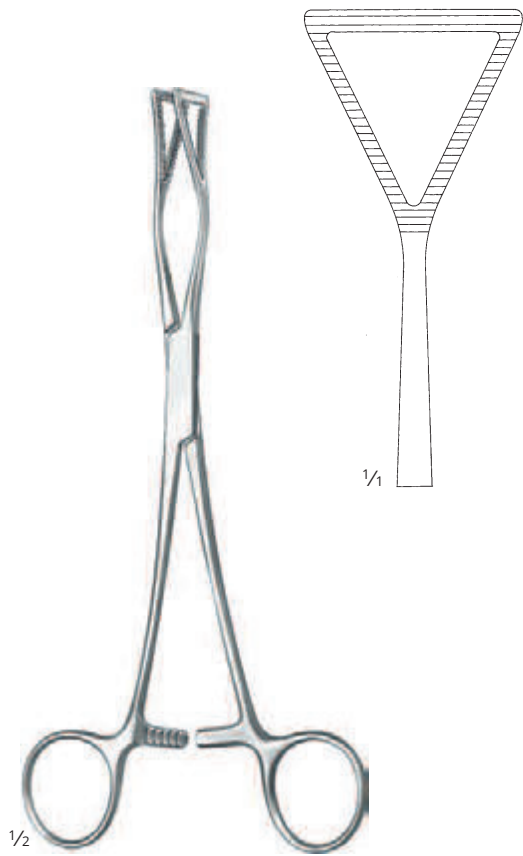
**28-030-25**  
 25 cm / 9  $\frac{7}{8}$ "



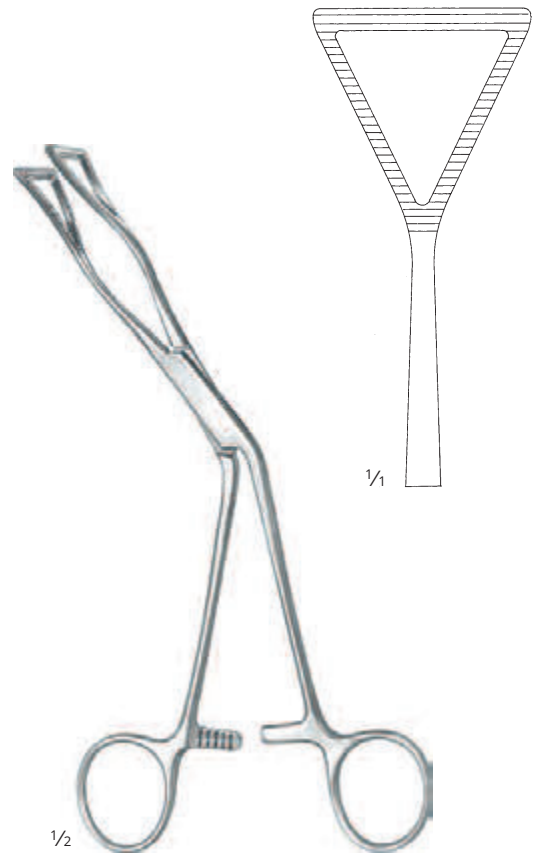
**28-030-24**  
 24.5 cm / 9  $\frac{5}{8}$ "

## Lung Grasping Forceps

28



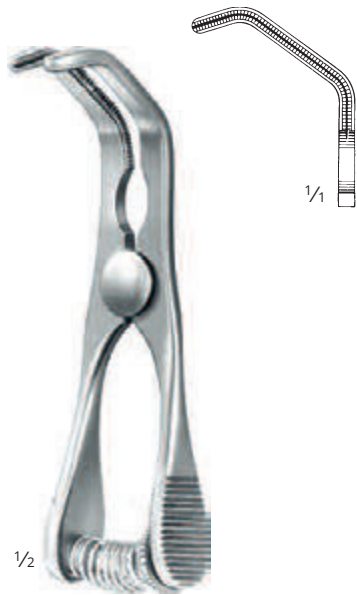
Lovelace  
28-031-20  
20.5 cm / 8 1/8"



Lovelace  
28-032-19  
19 cm / 7 4/8"

# Bulldog Clamps

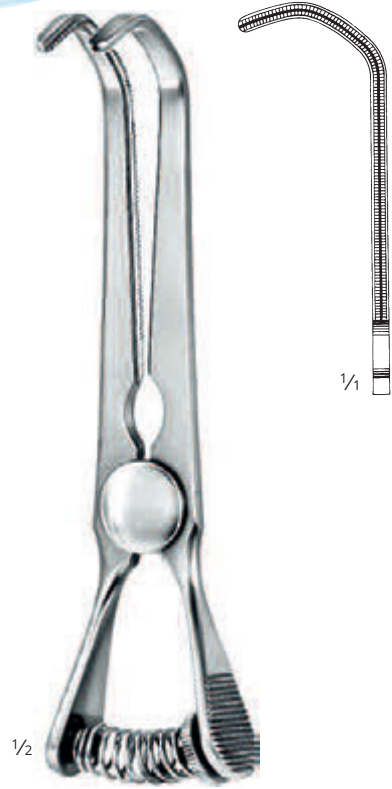
## Atrauma



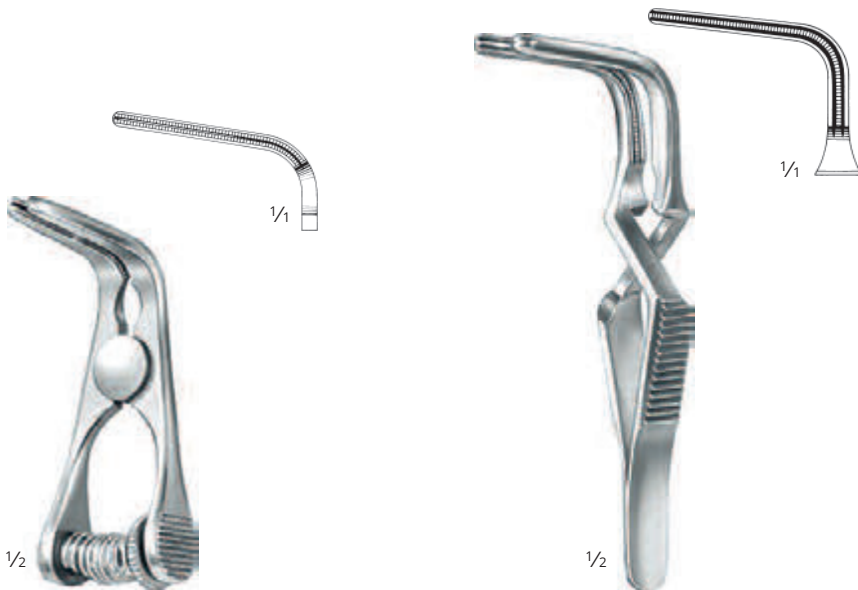
De Bakey-Satinsky  
28-033-07  
7 cm / 2 6/8"



De Bakey-Satinsky  
28-033-09  
9 cm / 3 4/8"



De Bakey-Satinsky  
28-033-10  
10 cm / 3 7/8"



Glover  
28-034-06  
6.5 cm / 2 4/8"

Santulli  
28-035-07  
7 cm / 2 6/8"

# Bulldog Clamps

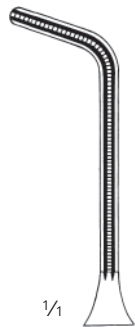
Atrauma



1/2

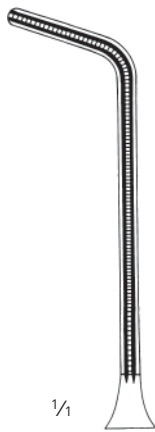
**Gregory, soft**  
**28-036-09**  
**28-036-11**

Carotid clamp  
 Carotis-Bulldogklemme  
 Clamp para carotis  
 Pince pour carotide  
 Pinza carotis



1/4

**28-036-09**  
 9 cm / 3 4/8"



1/4

**28-036-11**  
 11 cm / 4 3/8"



1/2

**Gregory**  
**28-037-01**  
**28-037-02**

Carotid clamp  
 Carotis-Bulldogklemme  
 Clamp para carotis  
 Pince pour carotide  
 Pinza carotis



1/4

**28-037-01**  
 11 cm / 4 3/8"



1/4

**28-037-02**  
 11 cm / 4 3/8"



# Haemostatic Forceps

Atrauma



De Bakey-Rankin  
28-038-16  
28-039-16



28-038-16  
16 cm / 6  $\frac{2}{8}$ "



28-039-16  
16 cm / 6  $\frac{2}{8}$ "



De Bakey-Mosquito  
28-040-15  
28-041-15



28-040-15  
15 cm / 5  $\frac{7}{8}$ "



28-041-15  
15 cm / 5  $\frac{7}{8}$ "

# Aortic Clamps

Atrauma



Ochsner  
28-042-22  
22 cm / 8 <sup>5</sup>/<sub>8</sub> "



Diethrich  
28-043-22  
22 cm / 8 <sup>5</sup>/<sub>8</sub> "

# Multi purpose Vascular Clamps

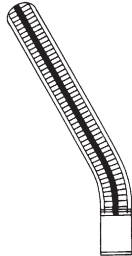
## Atrauma



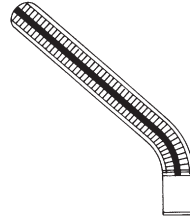
28-044-00  
15 cm / 5 7/8"



28-044-15  
15.5 cm / 6 1/8"  
15°



28-044-30  
15.5 cm / 6 1/8"  
30°



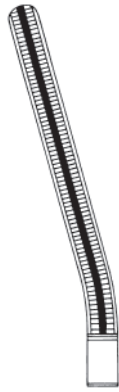
28-044-45  
15 cm / 5 7/8"  
45°



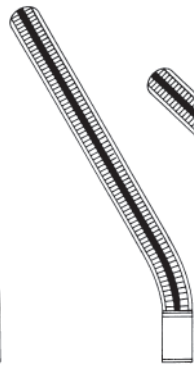
28-044-90  
13.5 cm / 5 3/8"  
90°



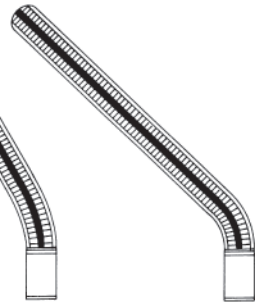
28-045-00  
17 cm / 6 6/8"



28-045-15  
16.5 cm / 6 4/8"  
15°



28-045-30  
16.5 cm / 6 4/8"  
30°



28-045-45  
17 cm / 6 6/8"  
45°



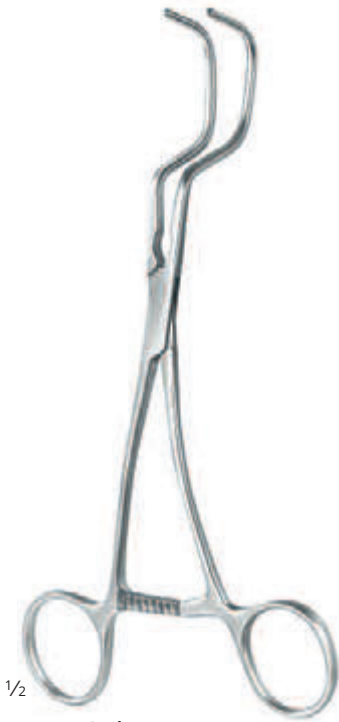
28-045-90  
13.5 cm / 5 3/8"  
90°



Dardik  
28-044-00  
28-045-90

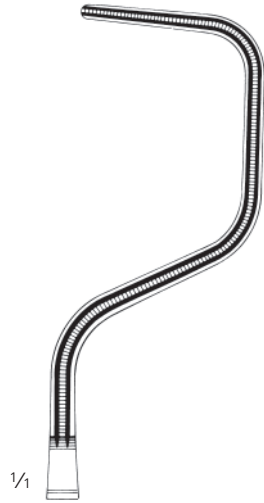
# Peripheral Vascular Clamps

Atrauma



1/2

Dale  
28-046-18  
18 cm / 7 1/8"

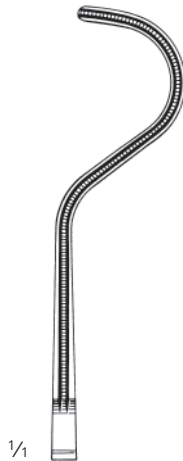


1/4



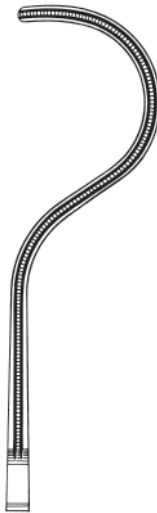
1/2

Dale  
28-047-17  
28-047-19

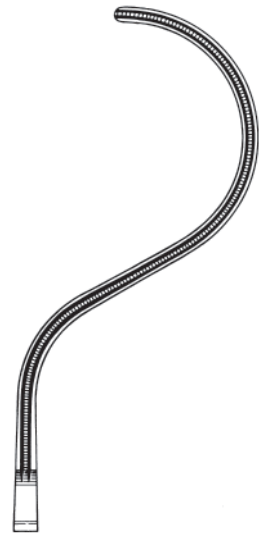


1/4

28-047-17  
17.5 cm / 6 7/8"



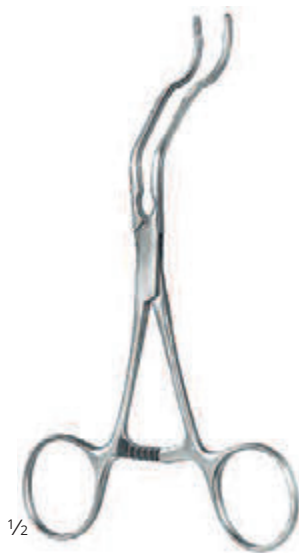
28-047-18  
18 cm / 7 1/8"



28-047-19  
18.5 cm / 7 3/8"

# Profunda Clamps

Atrauma



Gregory  
28-048-14  
28-048-18

$\frac{1}{1}$

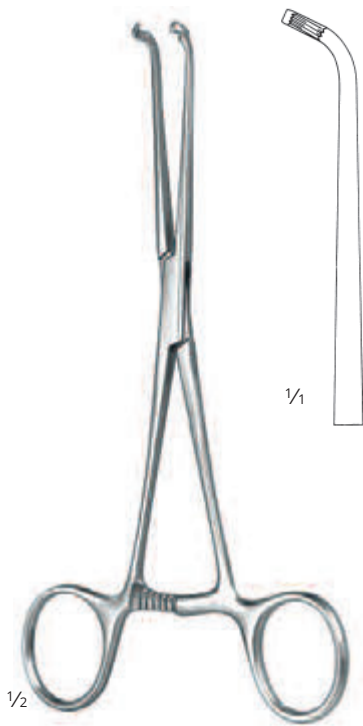
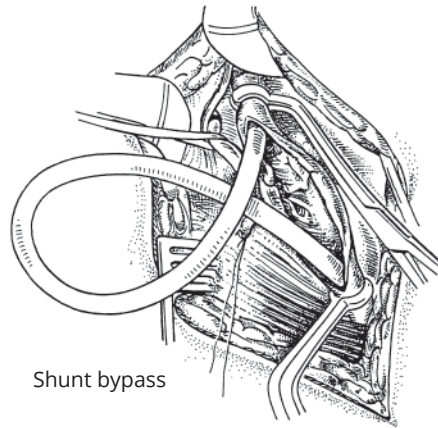
28-048-14  
13.5 cm / 5  $\frac{3}{8}$ "

28-048-16  
16 cm / 6  $\frac{2}{8}$ "

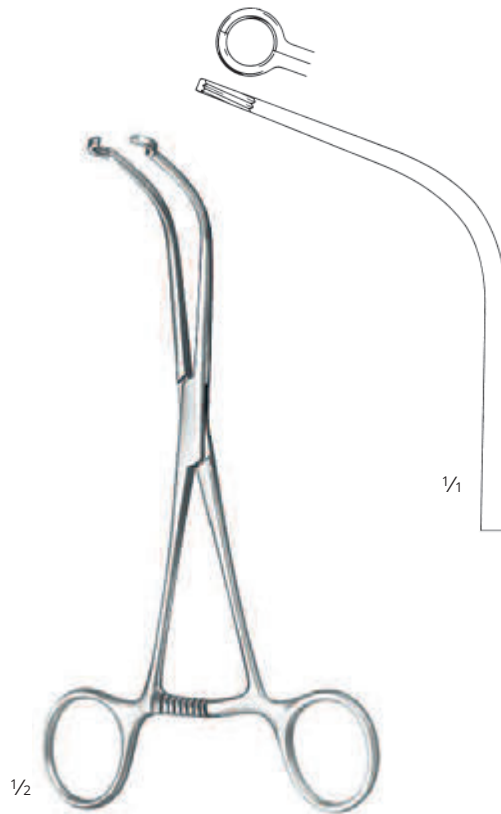
28-048-18  
18 cm / 7  $\frac{1}{8}$ "

# Carotid Shunt Clamps

Atrauma



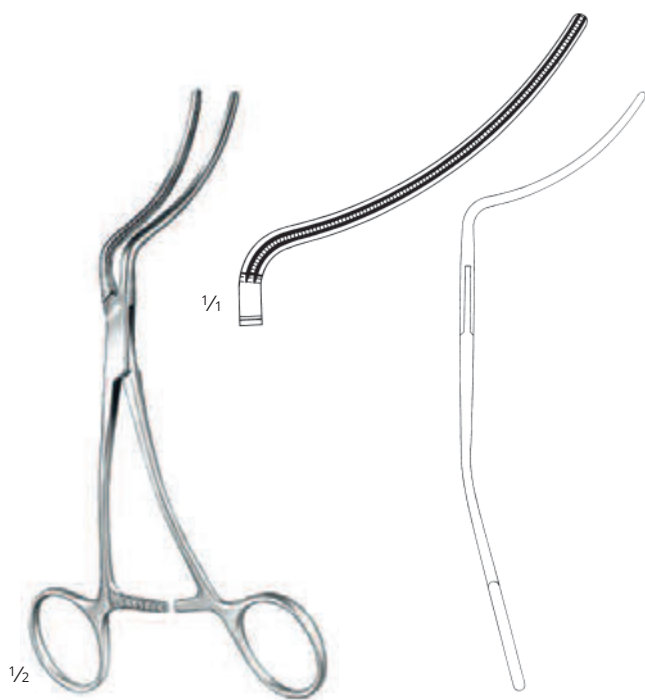
Javid  
28-049-18  
17.5 cm / 6 7/8"



Javid  
28-050-19  
18.5 cm / 7 2/8"

# Peripheral Vascular Clamps

Atrauma



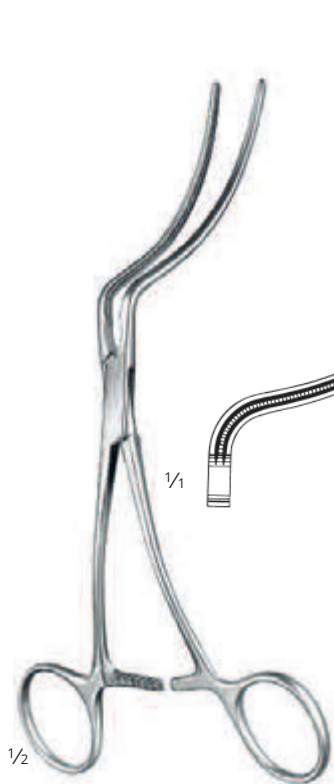
Martin  
28-051-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



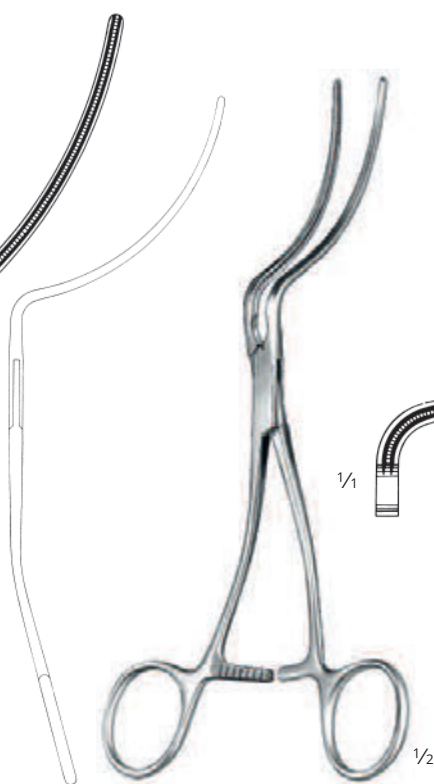
Martin  
28-052-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"

# Peripheral Vascular Clamps

Atrauma



Martin  
28-053-18  
18 cm / 7 1/8"

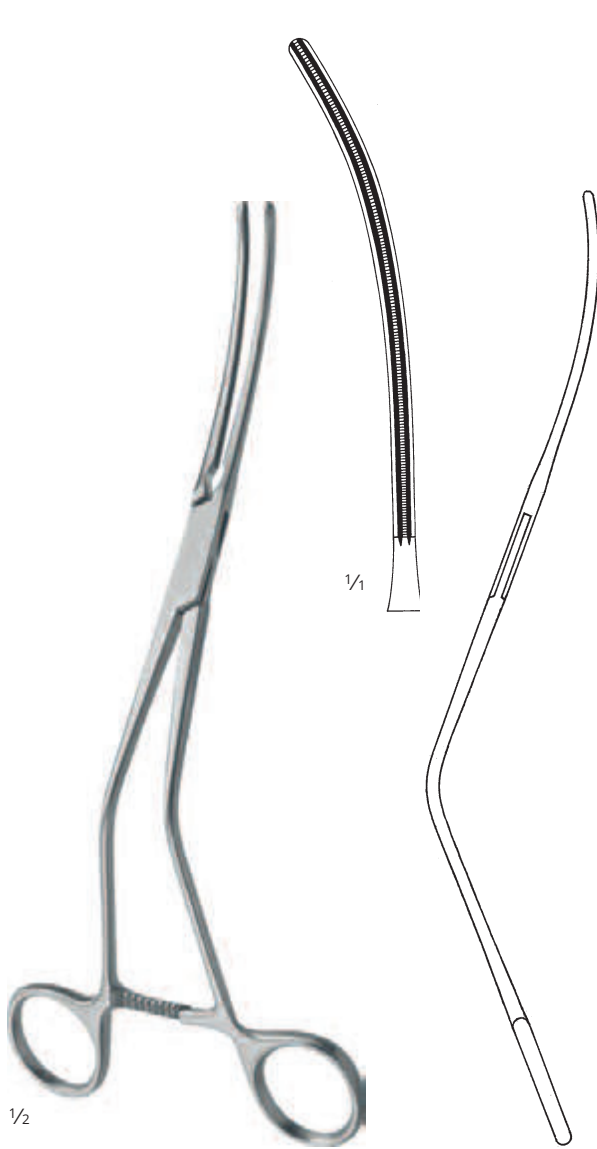


Martin  
28-053-20  
19.5 cm / 7 5/8"



# Aortic Clamps

Atrauma



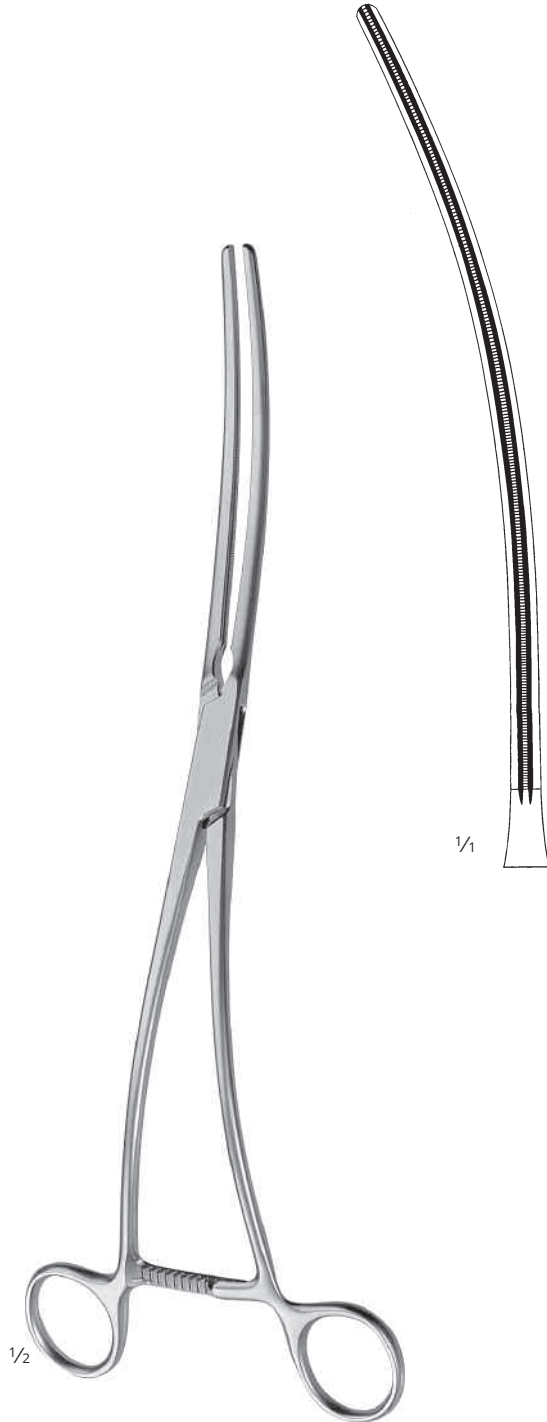
Wylie  
28-054-24  
24 cm / 9 <sup>4</sup>/<sub>8</sub>"



Wylie  
28-055-27  
27 cm / 10 <sup>5</sup>/<sub>8</sub>"

# Aortic Clamps

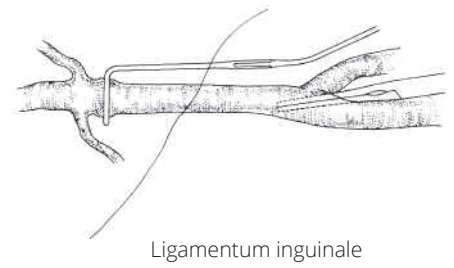
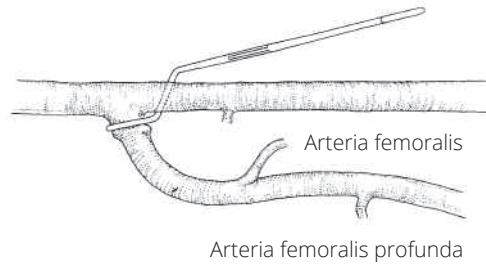
Atrauma



De Bakey  
28-056-30  
30 cm / 11  $\frac{6}{8}$ "

# Peripheral Vascular Clamps

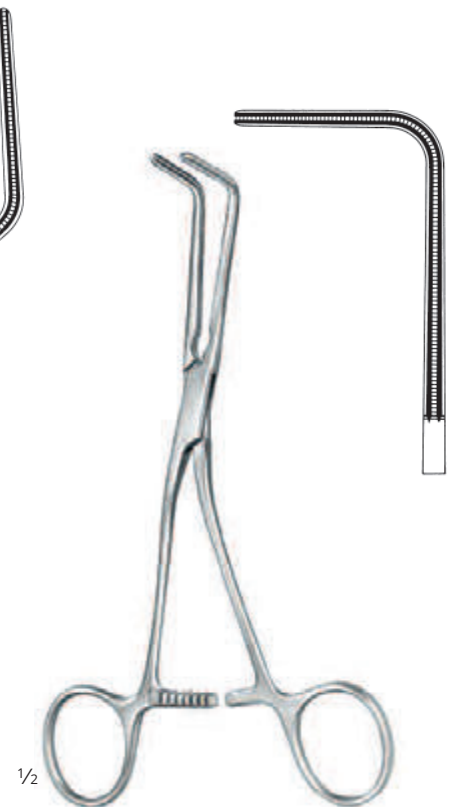
## Atrauma



Husfeldt  
28-057-16  
16.5 cm / 6  $\frac{4}{8}$ "









Husfeldt  
28-058-18  
18 cm / 7  $\frac{1}{8}$ "



Husfeldt  
28-059-17  
17 cm / 6  $\frac{6}{8}$ "

# Catheter Clamps

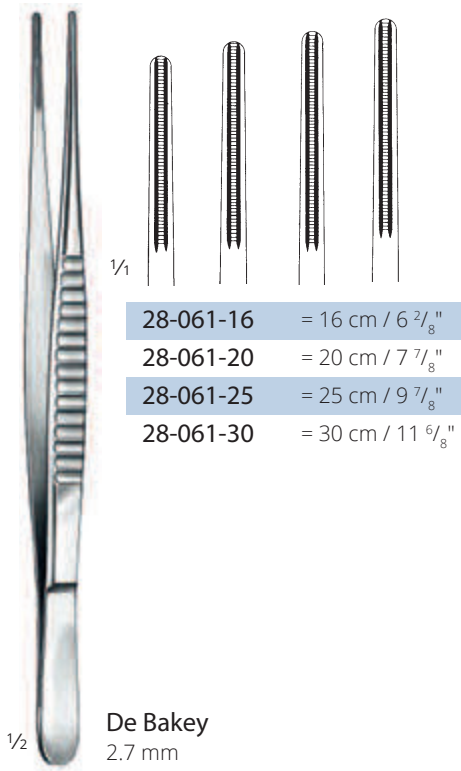
Atrauma

					
1/1					
<b>28-060-01</b> 17 cm / 6 5/8" 24 Charr.	<b>28-060-02</b> 17 cm / 6 5/8" 26 Charr.	<b>28-060-03</b> 20 cm / 7 7/8" 28 Charr.	<b>28-060-04</b> 20 cm / 7 7/8" 30 Charr.	<b>28-060-05</b> 20 cm / 7 7/8" 32 Charr.	<b>28-060-06</b> 20 cm / 7 7/8" 36 Charr.



# Vascular Forceps

## Atrauma

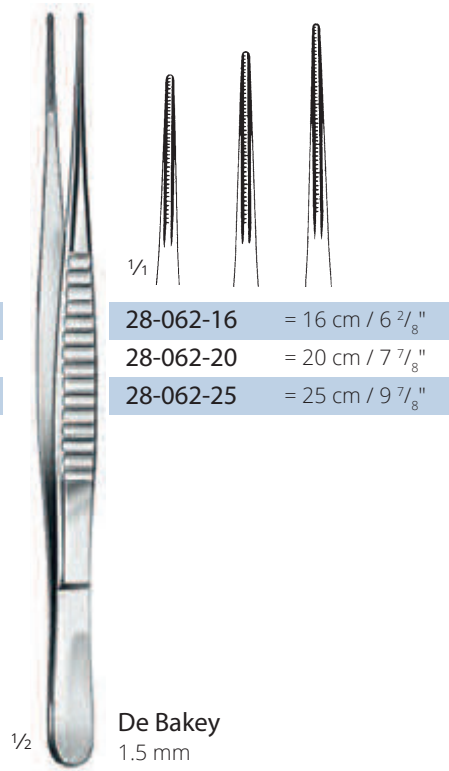


1/2

28-061-16	= 16 cm / 6 2/8"
28-061-20	= 20 cm / 7 7/8"
28-061-25	= 25 cm / 9 7/8"
28-061-30	= 30 cm / 11 6/8"

1/4

De Bakery  
2.7 mm

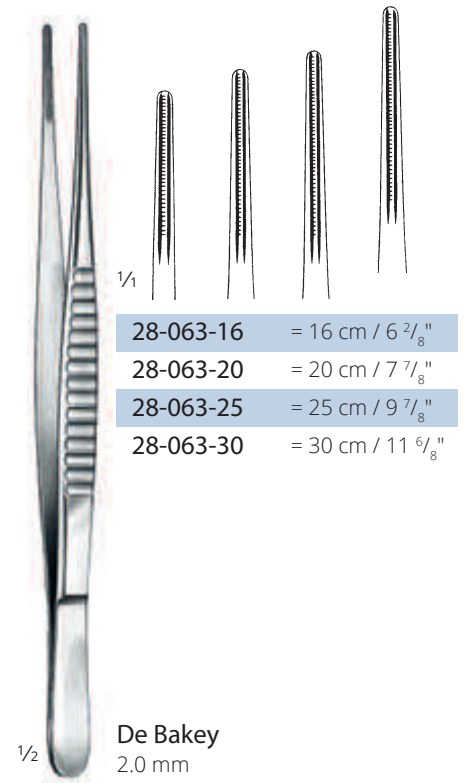


1/2

28-062-16	= 16 cm / 6 2/8"
28-062-20	= 20 cm / 7 7/8"
28-062-25	= 25 cm / 9 7/8"

1/4

De Bakery  
1.5 mm

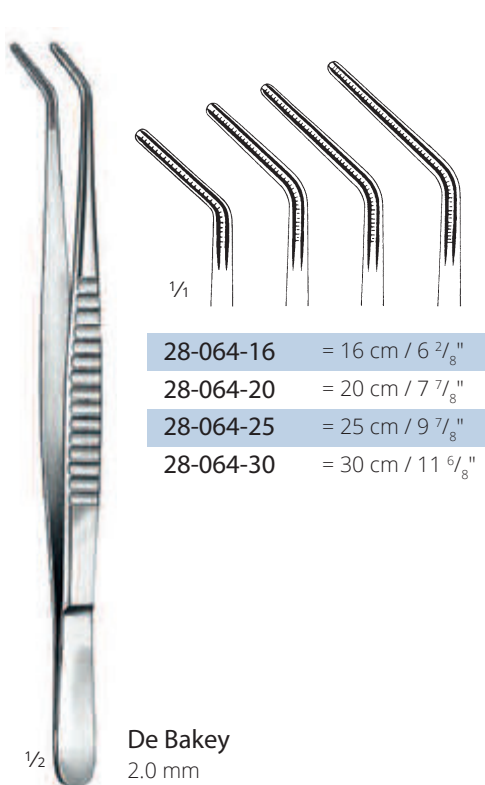


1/2

28-063-16	= 16 cm / 6 2/8"
28-063-20	= 20 cm / 7 7/8"
28-063-25	= 25 cm / 9 7/8"
28-063-30	= 30 cm / 11 6/8"

1/4

De Bakery  
2.0 mm

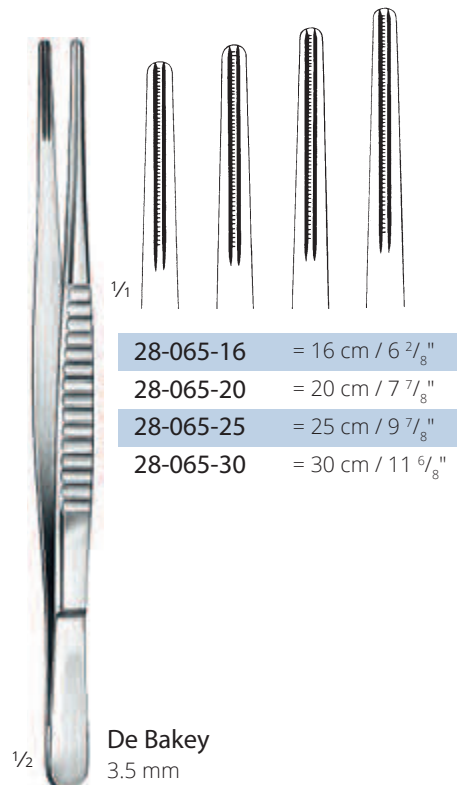


1/2

28-064-16	= 16 cm / 6 2/8"
28-064-20	= 20 cm / 7 7/8"
28-064-25	= 25 cm / 9 7/8"
28-064-30	= 30 cm / 11 6/8"

1/4

De Bakery  
2.0 mm



1/2

28-065-16	= 16 cm / 6 2/8"
28-065-20	= 20 cm / 7 7/8"
28-065-25	= 25 cm / 9 7/8"
28-065-30	= 30 cm / 11 6/8"

1/4

De Bakery  
3.5 mm

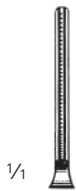
# Bulldog Clamps

## Atrauma



1/2

De Bakey  
28-066-07  
28-066-12



1/4

28-066-07  
7.5 cm / 3"



28-066-08  
8.5 cm / 3 3/8"



28-066-10  
10 cm / 3 7/8"



28-066-12  
12 cm / 4 6/8"



1/2

De Bakey  
28-067-07  
28-067-12



1/4

28-067-07  
7.5 cm / 3"



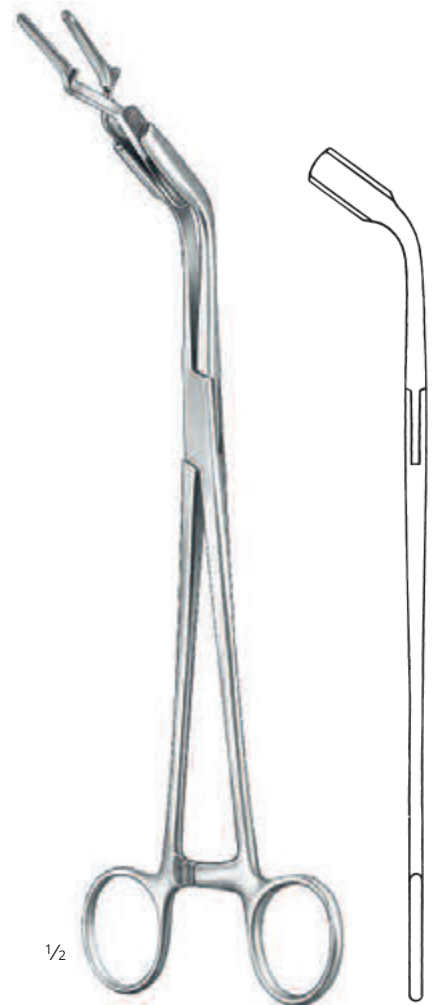
28-067-08  
8.5 cm / 3 3/8"



28-067-10  
9.5 cm / 3 6/8"



28-067-11  
11 cm / 4 3/8"



1/2

28-068-24  
24 cm / 9 4/8"

Applying Forceps for Bulldog clamps  
Anlegezange für Bulldogklemmen  
Pinza aplicadora para clamps bulldog  
Pince pour poser les clamps Bulldog  
Pinza per posizionare le pinze Bulldog

# Bulldog Clamps

## Atrauma



1/2

Glover  
28-069-06  
28-069-11



1/4

28-069-06  
7 cm / 2 6/8"



28-069-07  
8 cm / 3 1/8"



28-069-09  
9.5 cm / 3 6/8"



28-069-11  
11 cm / 4 2/8"



1/2

Glover  
28-070-06  
28-070-11



1/4

28-070-06  
6.5 cm / 2 4/8"



28-070-07  
7.5 cm / 3"



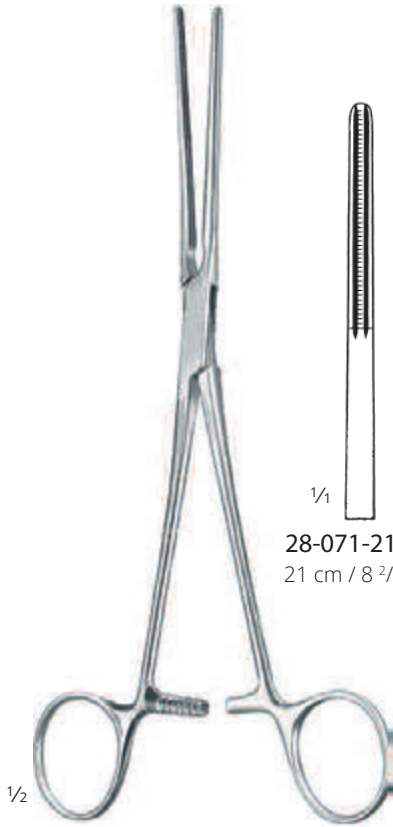
28-070-09  
9.0 cm / 3 4/8"



28-070-11  
10.5 cm / 4"

# Coarctation Clamps

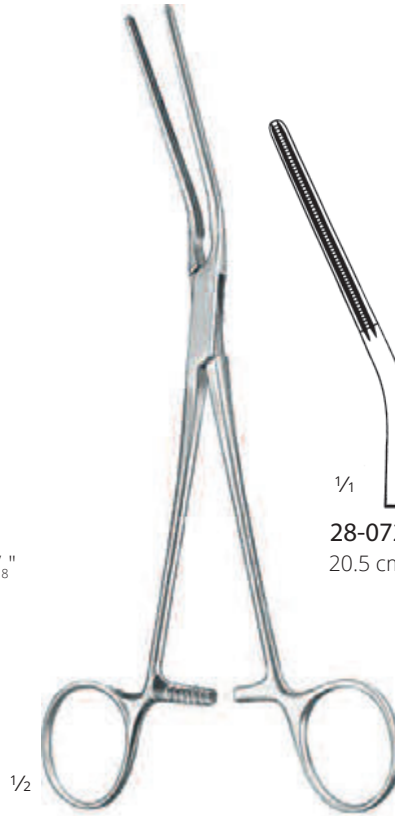
## Atrauma



1/4  
28-071-21  
21 cm / 8 2/8"



28-071-22  
22.5 cm / 8 7/8"



1/4  
28-072-21  
20.5 cm / 8 1/8"



28-072-22  
22 cm / 8 5/8"



Potts  
28-071-21  
28-071-22

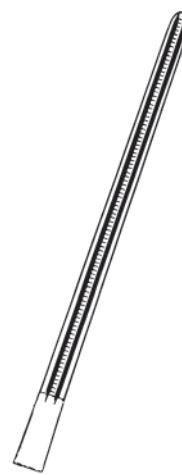
Potts  
28-072-21  
28-072-22



1/2  
Potts  
28-073-21  
28-073-22



1/4  
28-073-21  
20.5 cm / 8"



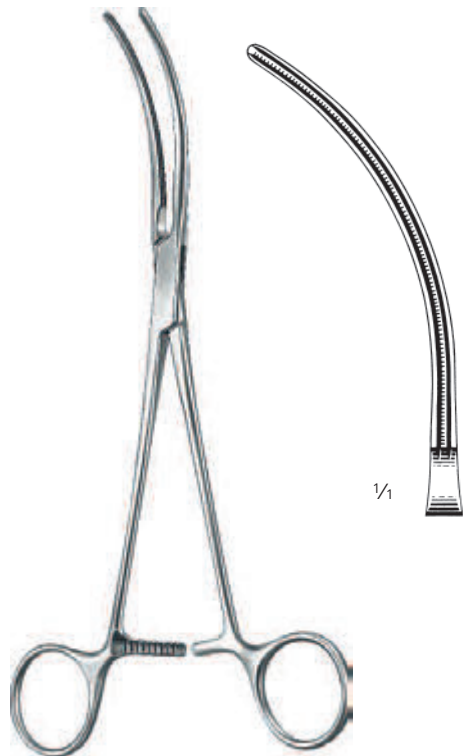
28-073-22  
22 cm / 8"





## Anastomosis Clamps, Ligature Forceps

### Atrauma



**Potts**  
28-074-22  
21.5 cm / 8 <sup>4</sup>/<sub>8</sub>"



**Potts**  
28-075-22  
22 cm / 8 <sup>5</sup>/<sub>8</sub>"



**De Bakey**  
28-076-19  
28-076-24

Dissecting and Ligature Forceps  
Präparier- und Ligaturklemme  
Pinza para preparaciones y ligaduras  
Pince à disséquer et à ligatures  
Pinza per preparazioni e legature



**28-076-19**  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"



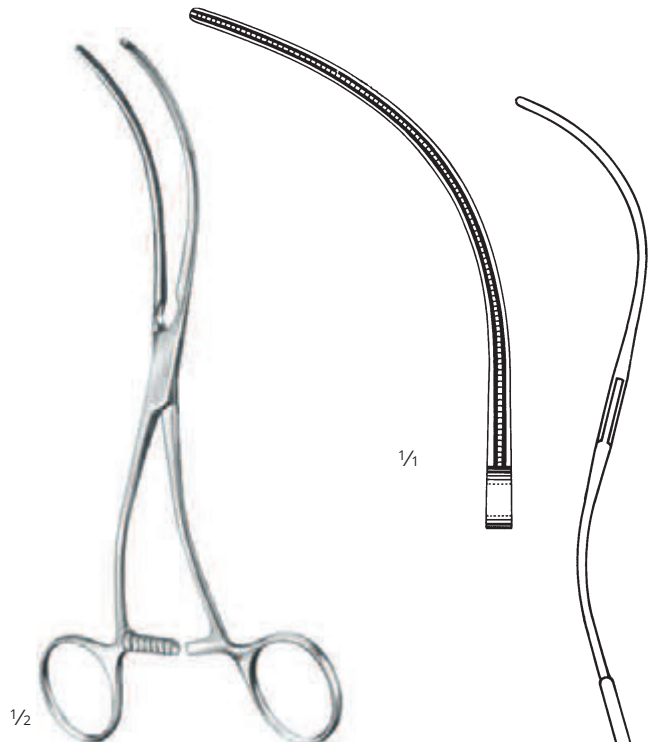
**28-076-24**  
24 cm / 9 <sup>4</sup>/<sub>8</sub>"

# Peripheral Vascular Clamps

Atrauma



De Bakey  
28-077-16  
16 cm / 6 2/8"



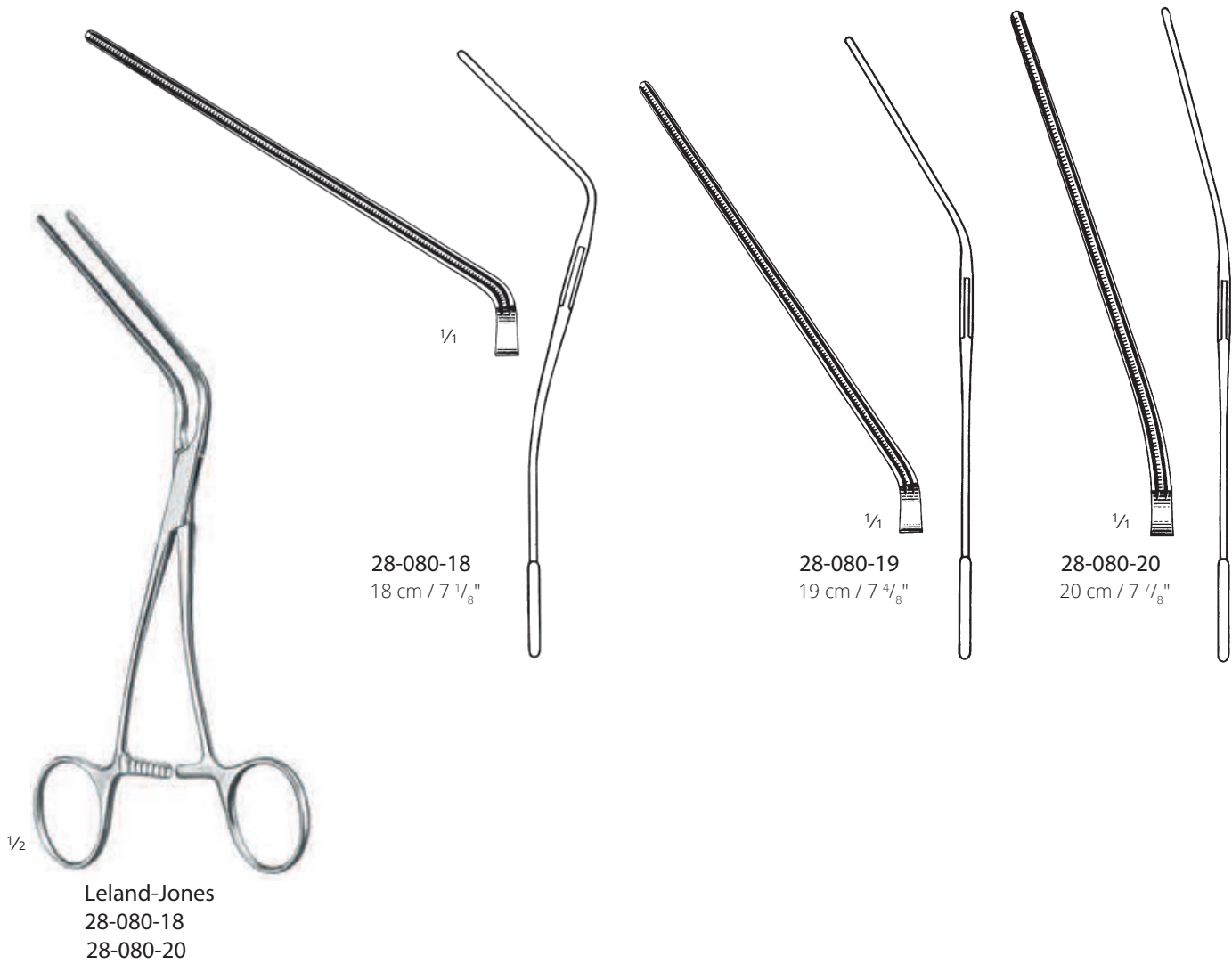
De Bakey  
28-078-19  
19 cm / 7 4/8"



De Bakey  
28-079-20  
20 cm / 7 7/8"

# Peripheral Vascular Clamps

Atrauma



# Multi purpose Vascular Clamps

Atrauma



1/2

Bainbridge  
28-081-15  
28-081-18



1/1

28-081-15  
15 cm / 5 7/8"



28-081-18  
18 cm / 7 1/8"



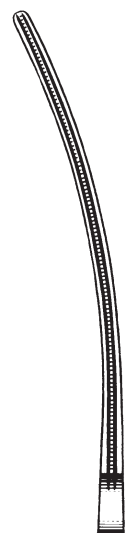
1/2

Bainbridge  
28-082-15  
28-082-18



1/1

28-082-15  
15 cm / 5 7/8"

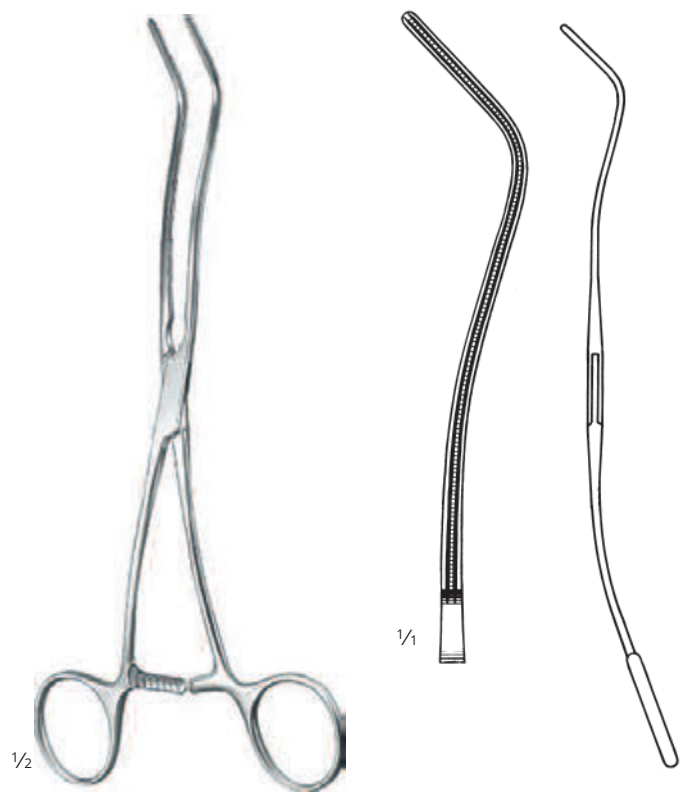


28-082-18  
18.5 cm / 7 3/8"



# Multi purpose Vascular Clamps

Atrauma



De Bakey  
28-083-20  
20 cm / 7 7/8"

# Aortic Aneurysm Clamps

Atrauma

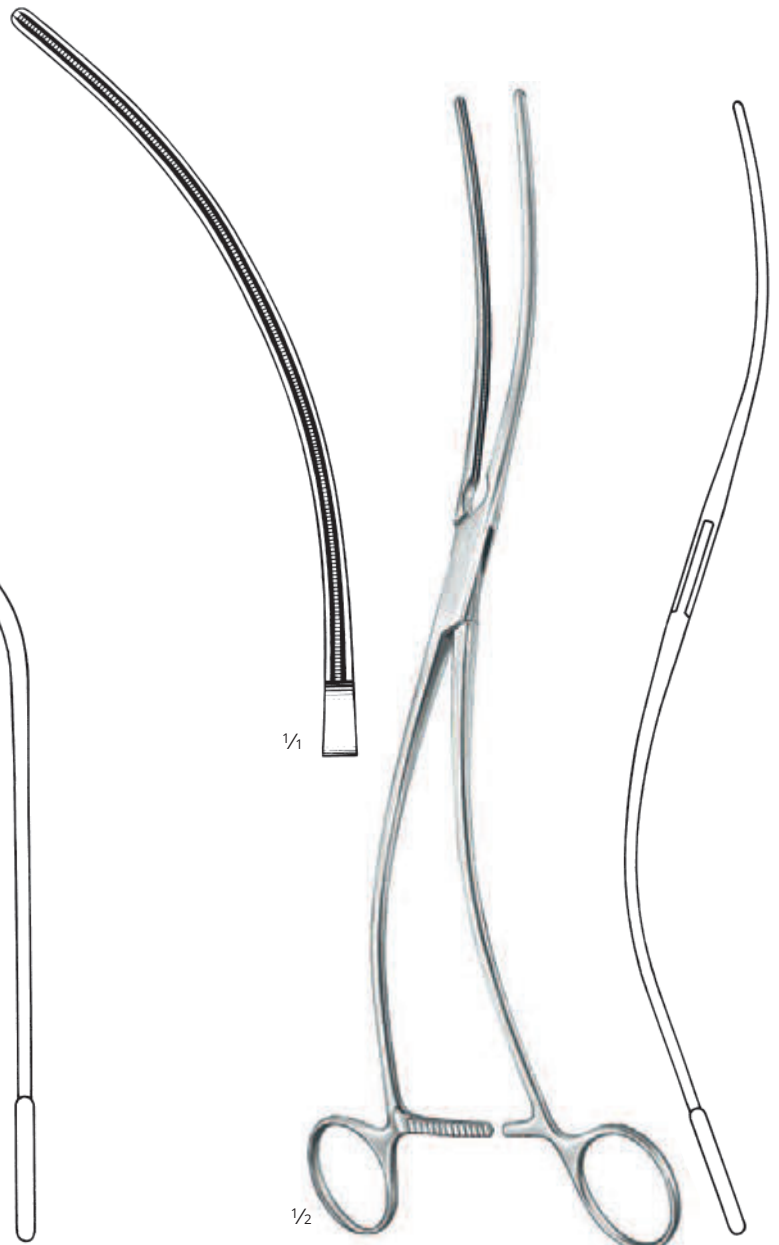


# Aortic Aneurysm Clamps

Atrauma



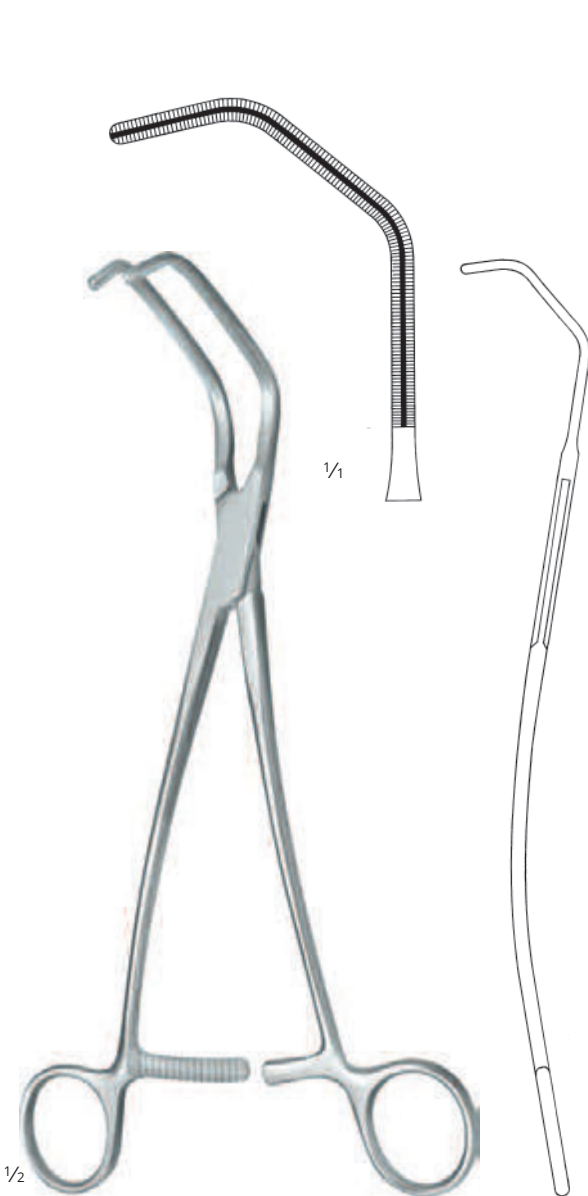
De Bakey  
28-085-28  
28 cm / 11 "



De Bakey  
28-086-30  
30 cm / 11 <sup>6</sup>/<sub>8</sub> "

# Aortic Ligature Forceps

Atrauma



Cooley  
28-087-25  
25 cm / 9 7/8"

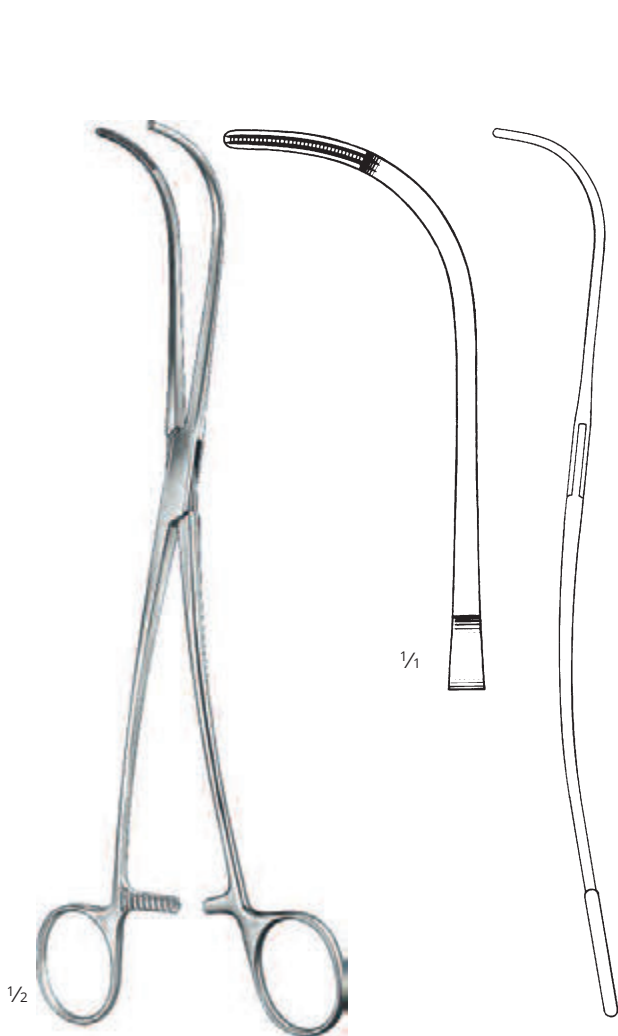


De Bakey  
28-088-27  
27 cm / 10 5/8"

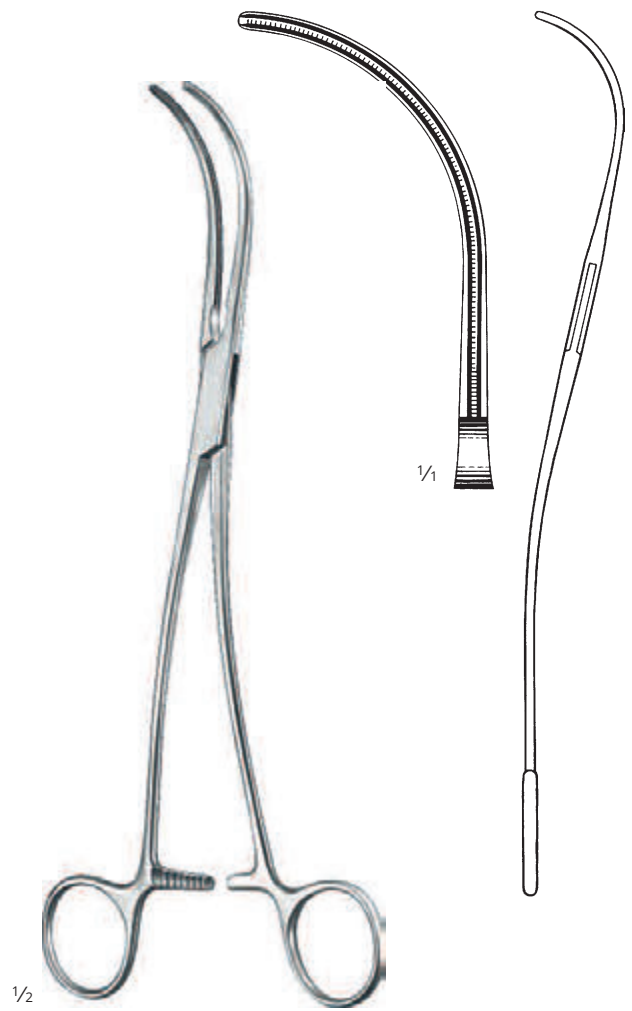


# Ligature Forceps, Aortic Clamps

Atrauma



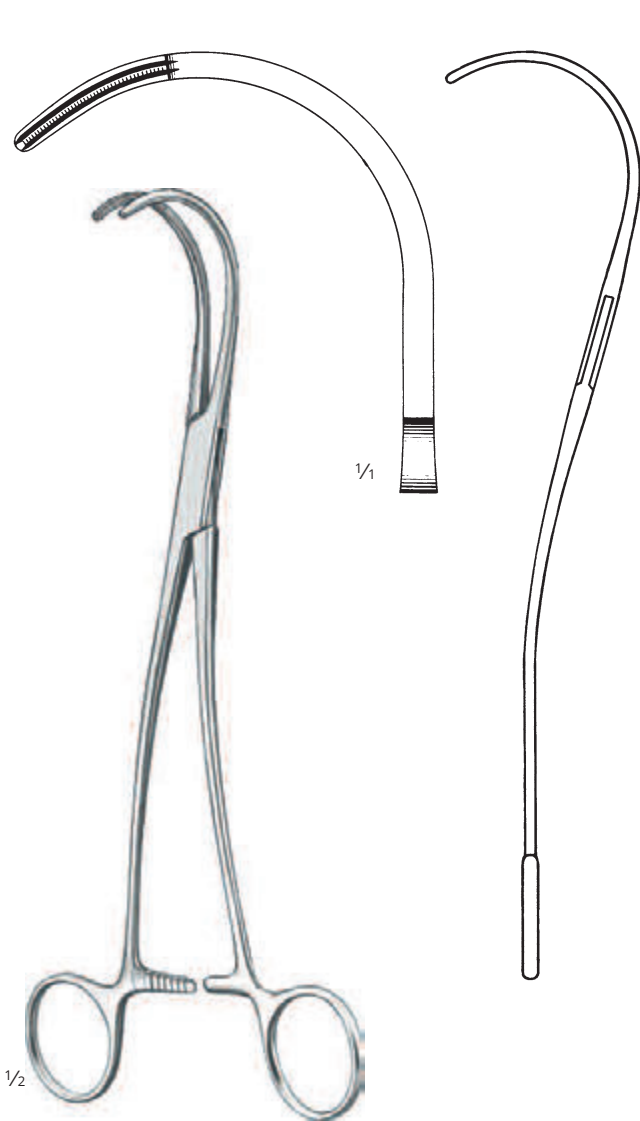
De Bakey  
28-089-24  
24.5 cm / 9 5/8"



De Bakey  
28-090-24  
24.5 cm / 9 5/8"

# Ligature Forceps

Atrauma



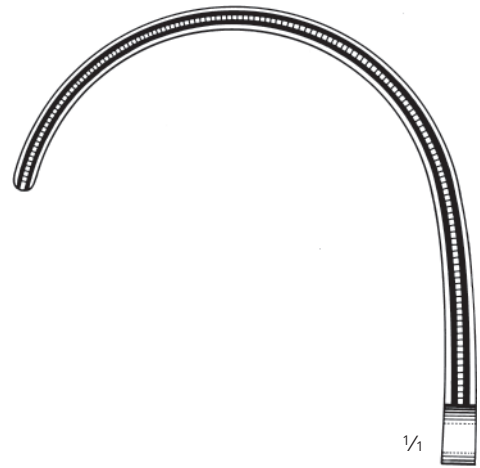
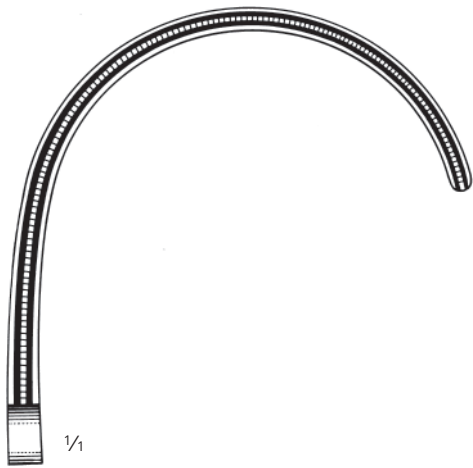
De Bakey  
28-091-27  
27 cm / 10 <sup>5</sup>/<sub>8</sub> "



De Bakey  
28-092-27  
27 cm / 10 <sup>5</sup>/<sub>8</sub> "

# Aortic Clamps

Atrauma



Weber  
28-093-24  
24 cm / 9  $\frac{4}{8}$ ''



Weber  
28-094-24  
24 cm / 9  $\frac{4}{8}$ ''

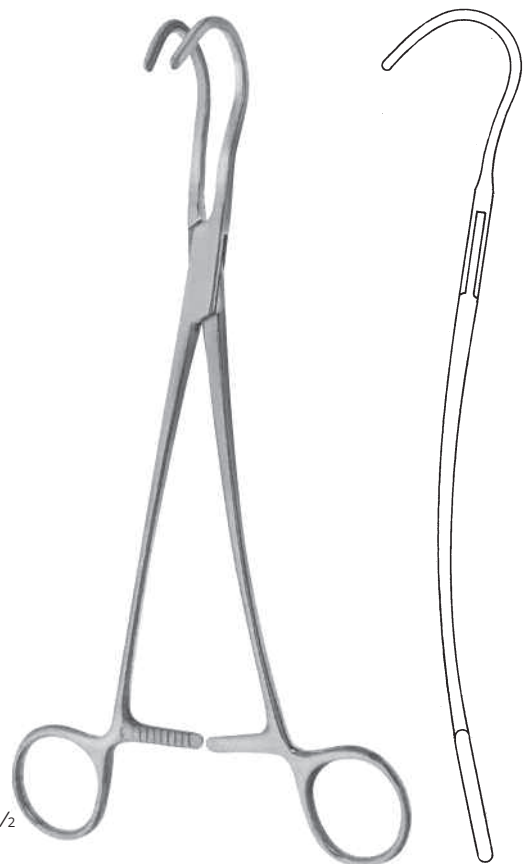
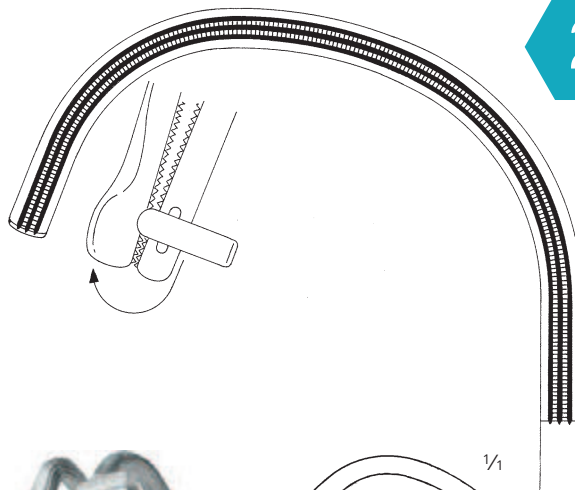
# Aorta-Anastomosis Clamps, Forceps for Vena Cava

Atrauma



28-095-03  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub> "

28-095-04  
23 cm / 9 "



1/2

Wylie  
28-095-03  
28-095-04

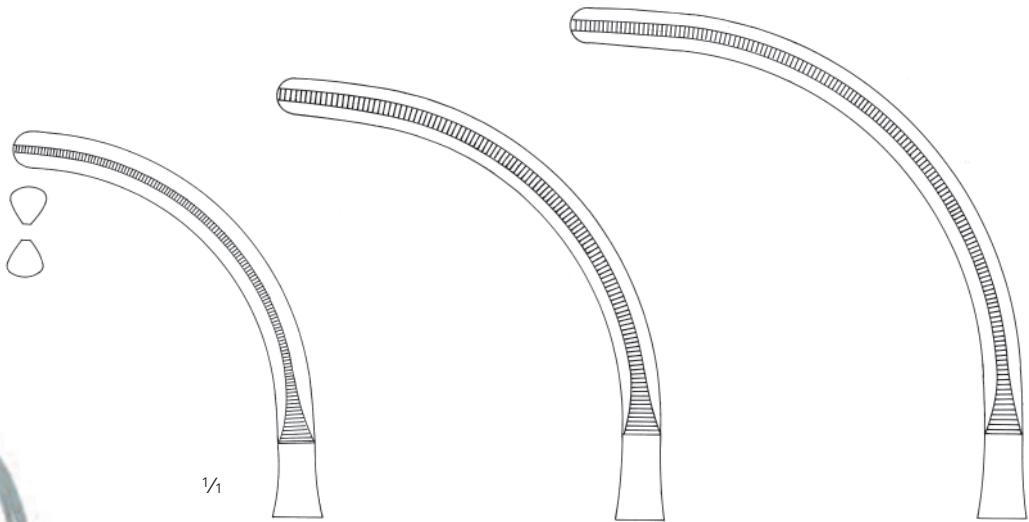


1/2

Calne  
28-096-27  
27 cm / 10 <sup>5</sup>/<sub>8</sub> "

# Liver Forceps

Atrauma



1/4

28-097-25  
25 cm / 9 7/8"

28-097-26  
26 cm / 10 2/8"

28-097-27  
27 cm / 10 5/8"

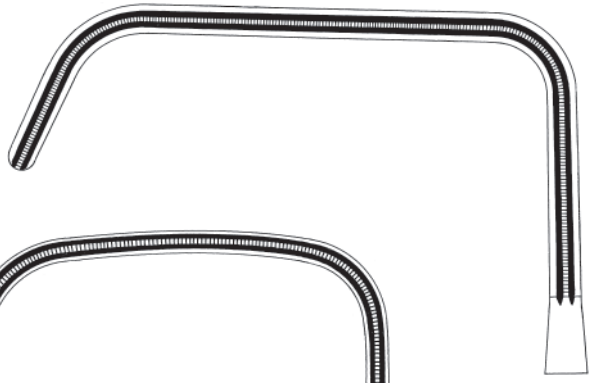


1/2

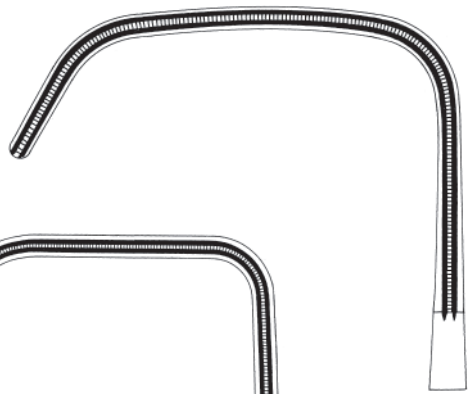
Pittsburgh  
28-097-25  
28-097-27

# Forceps for kidney and pancreas

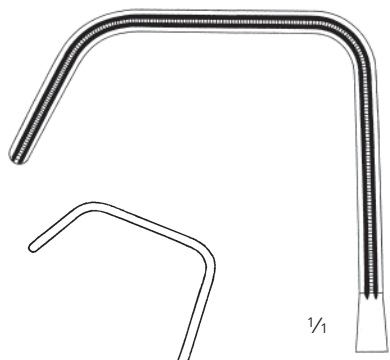
Atrauma



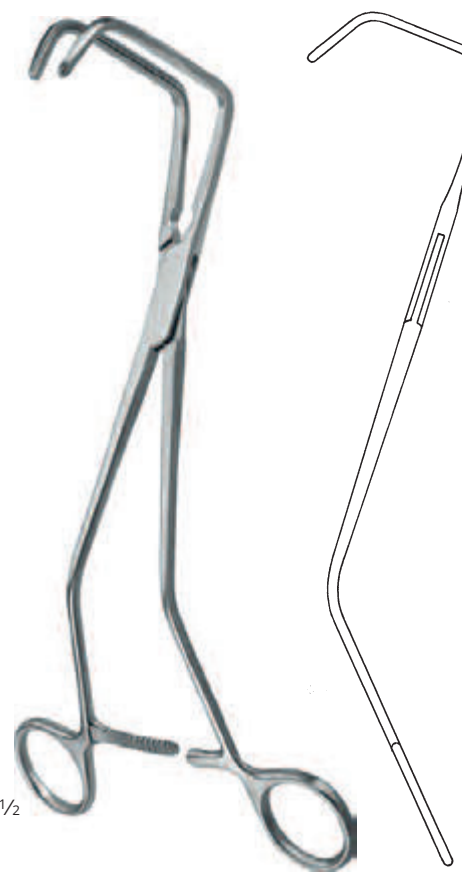
28-098-09  
20 cm / 7 7/8"



28-098-08  
20 cm / 7 7/8"



1/1  
28-098-07  
20 cm / 7 7/8"



1/2

28-098-07  
28-098-09

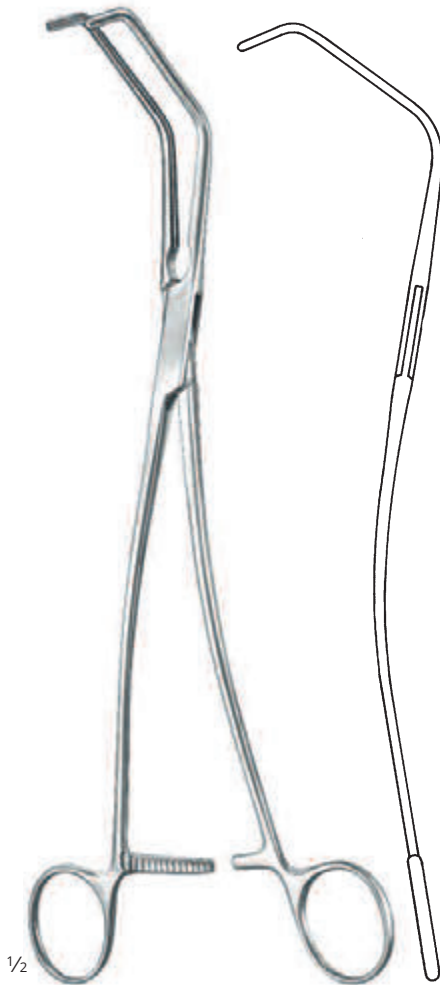
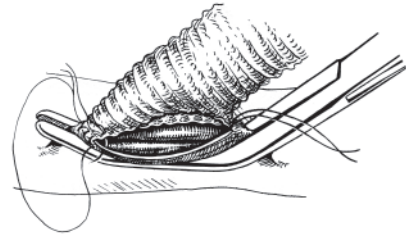


1/2

Satinsky  
28-099-15  
15.5 cm / 6"

# Tangential Occlusion Clamps

Atrauma



1/2

Satinsky  
28-100-01  
28-100-05



1/1

28-100-01  
22 cm / 8 5/8"



28-100-02  
26 cm / 10 2/8"



28-100-03  
26.5 cm / 10 4/8"



1/1

28-100-04  
27.5 cm / 10 6/8"



28-100-05  
28.5 cm / 11 2/8"

# Auricle Clamps

Atrauma



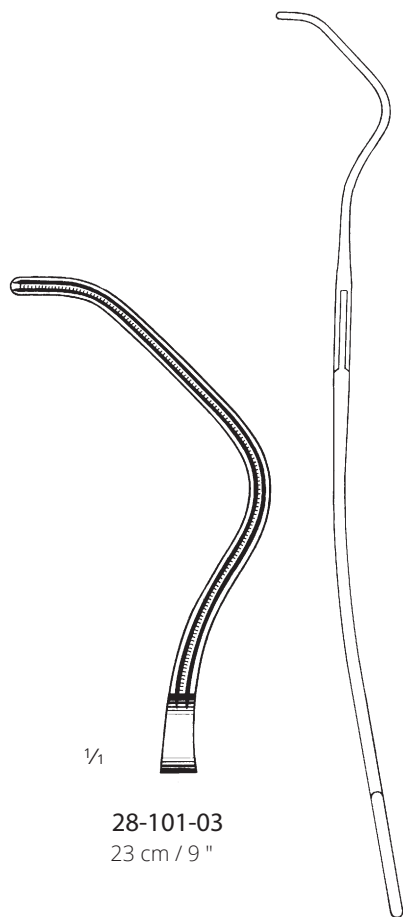
28-101-01  
24.5 cm / 9 6/8"



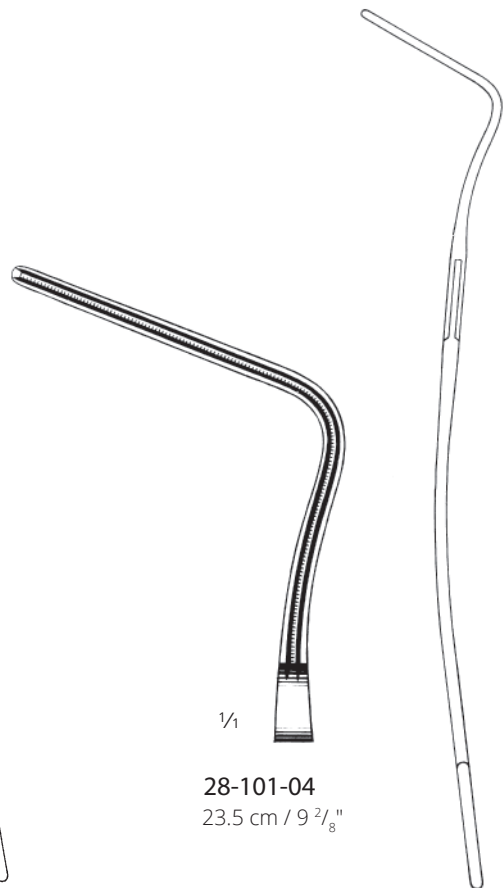
28-101-02  
24 cm / 9 4/8"



Harken  
28-101-01  
28-101-04



28-101-03  
23 cm / 9"

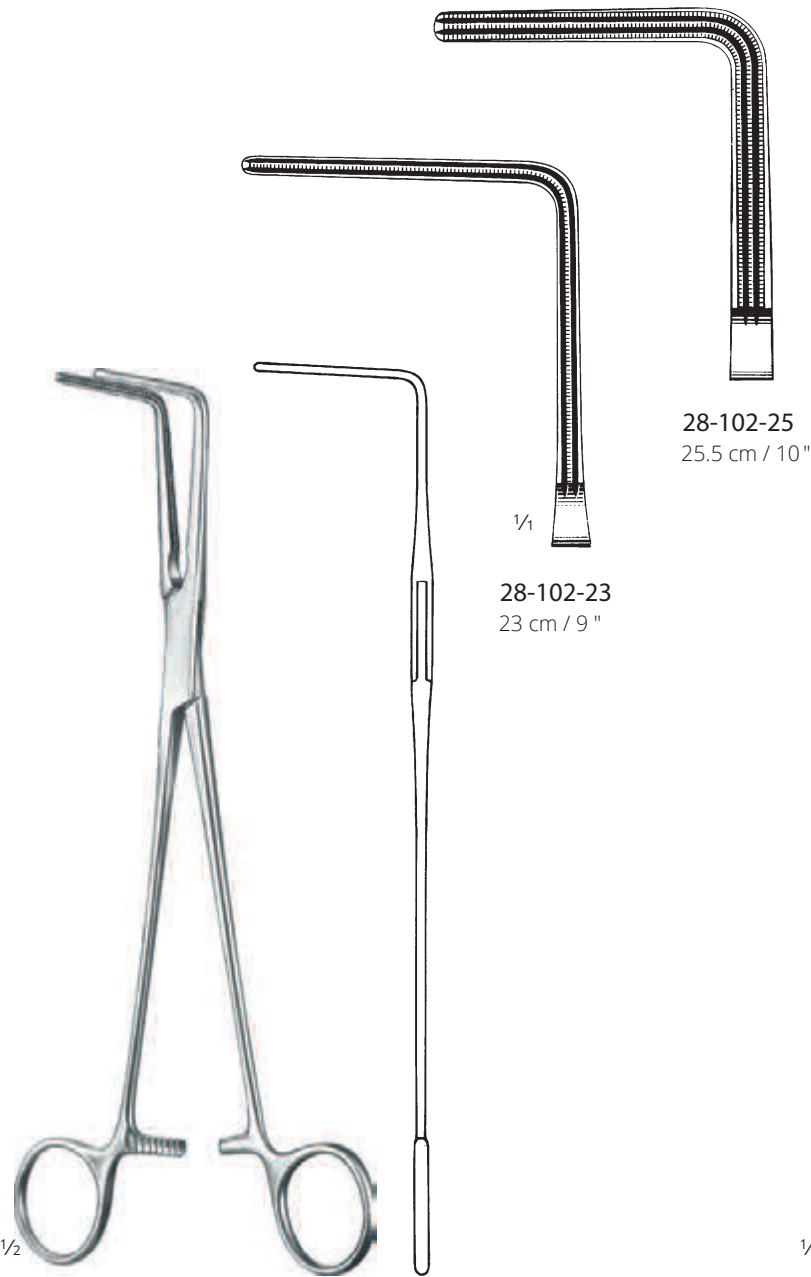


28-101-04  
23.5 cm / 9 2/8"



# Bronchus Clamps

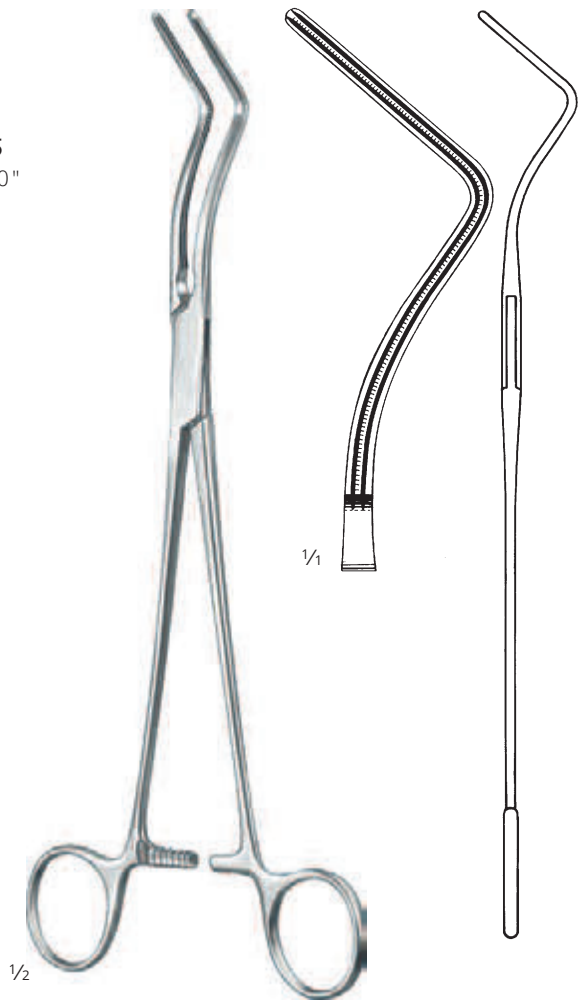
Atrauma



28-102-25  
25.5 cm / 10"  
1/1

28-102-23  
23 cm / 9"  
1/1

Lees  
28-102-23  
28-102-25



Lees  
28-103-26  
26 cm / 10 2/8"

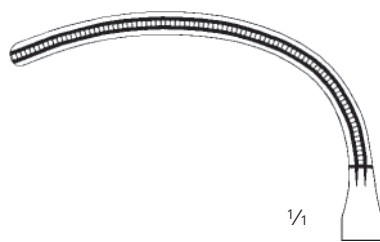
# Anastomosis Clamps

Atrauma



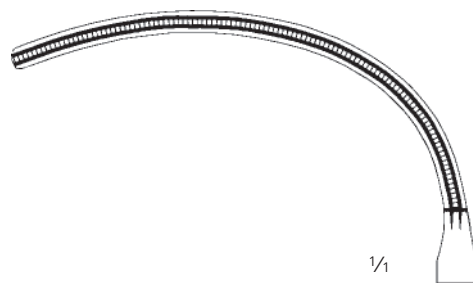
1/2

Glover  
28-104-18  
28-104-22



1/1

28-104-18  
18 cm / 7 1/8"

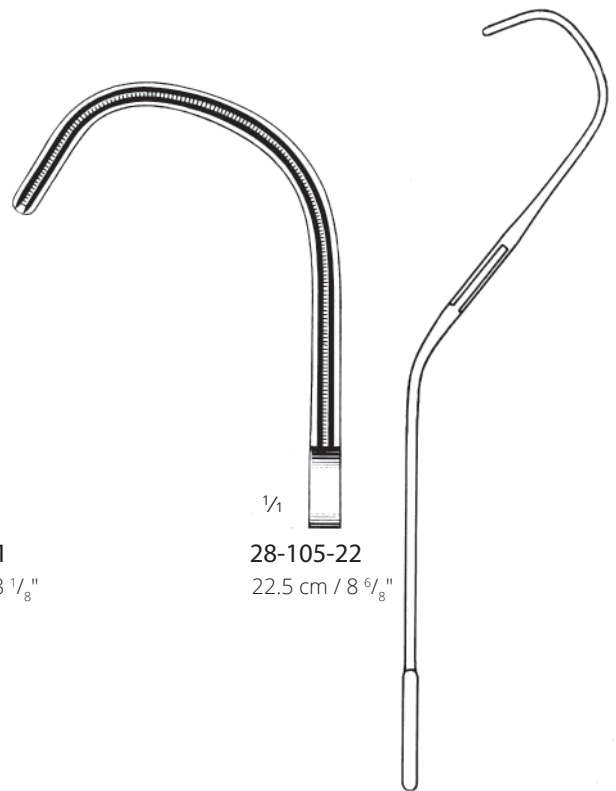


1/1

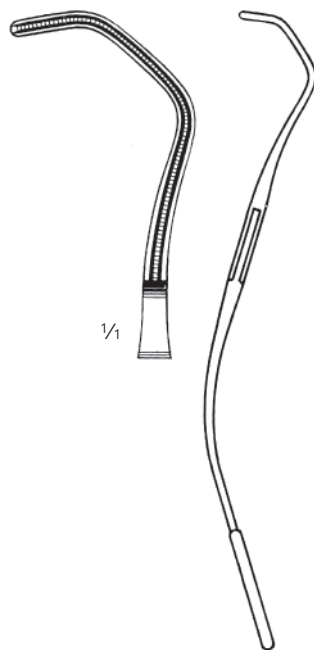
28-104-22  
22 cm / 8 5/8"

# Aorta-Anastomosis Clamps

## Atrauma



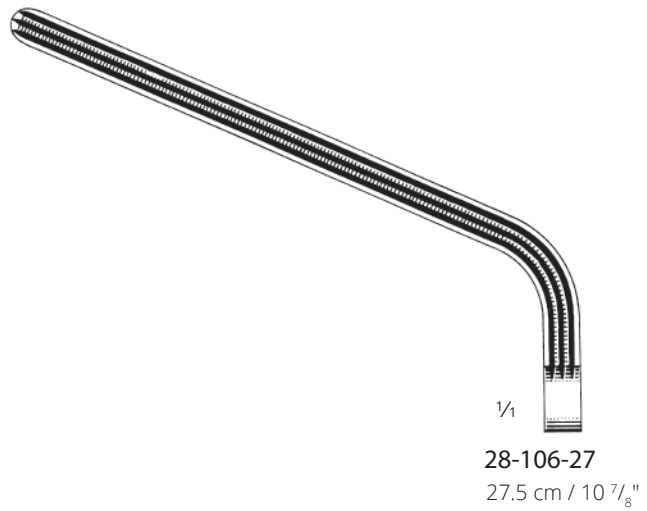
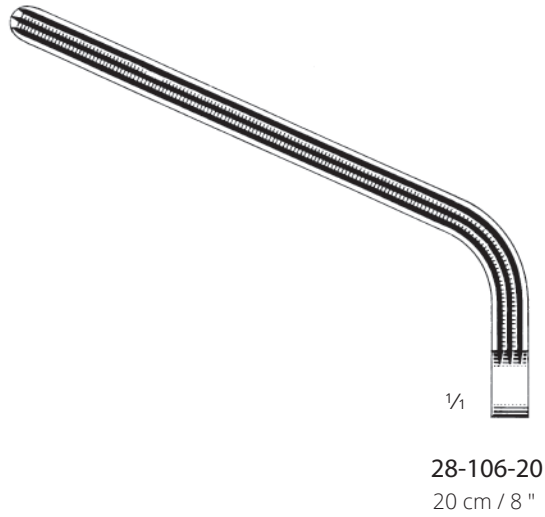
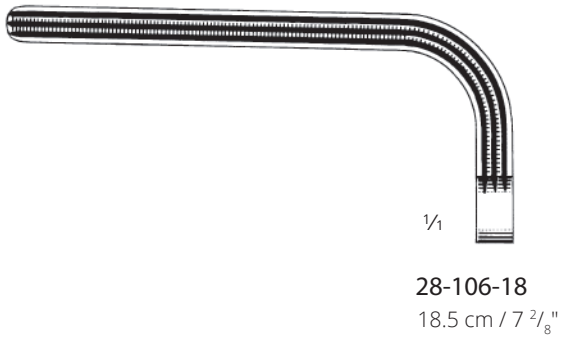
Lambert-Kay  
28-105-21  
28-105-22



De Bakey  
28-106-17  
16.5 cm / 6 4/8"

# Aortic Clamps

Atrauma



# Aneurysm Clamps

## Atrauma



28-107-23  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "

28-107-24  
24.5 cm / 9 <sup>5</sup>/<sub>8</sub> "

28-107-25  
25.5 cm / 10 "

De Bakey-Bahnson  
28-107-23  
28-107-25

# Multi purpose Vascular Clamps

Atrauma



28-108-21  
21.5 cm / 8 4/8"



28-108-23  
23.5 cm / 9 2/8"



28-108-27  
27 cm / 10 5/8"

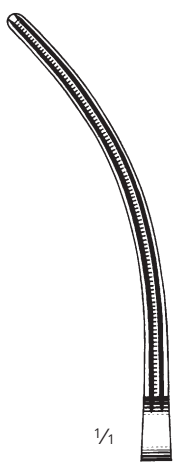


28-108-31  
31.5 cm / 12 3/8"

Potts  
28-108-21  
28-108-31

# Multi purpose Vascular Clamps

Atrauma



28-109-21  
21 cm / 8 4/8"



28-109-23  
23 cm / 9"



28-109-26  
26 cm / 10 2/8"

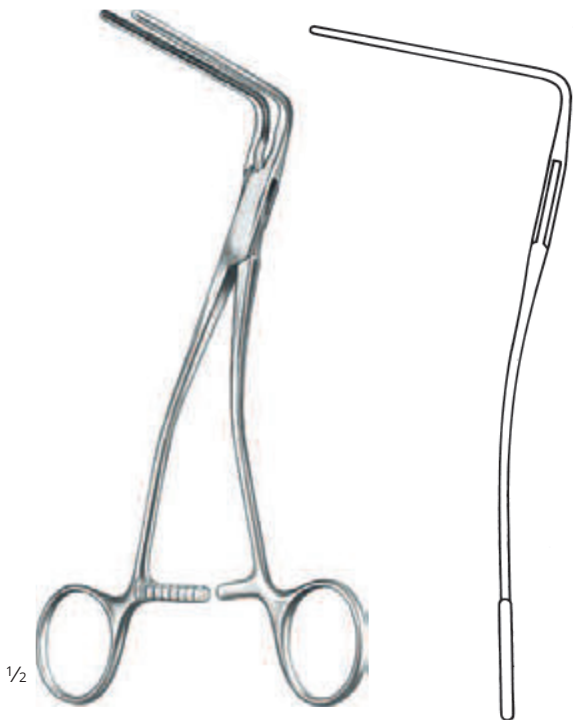
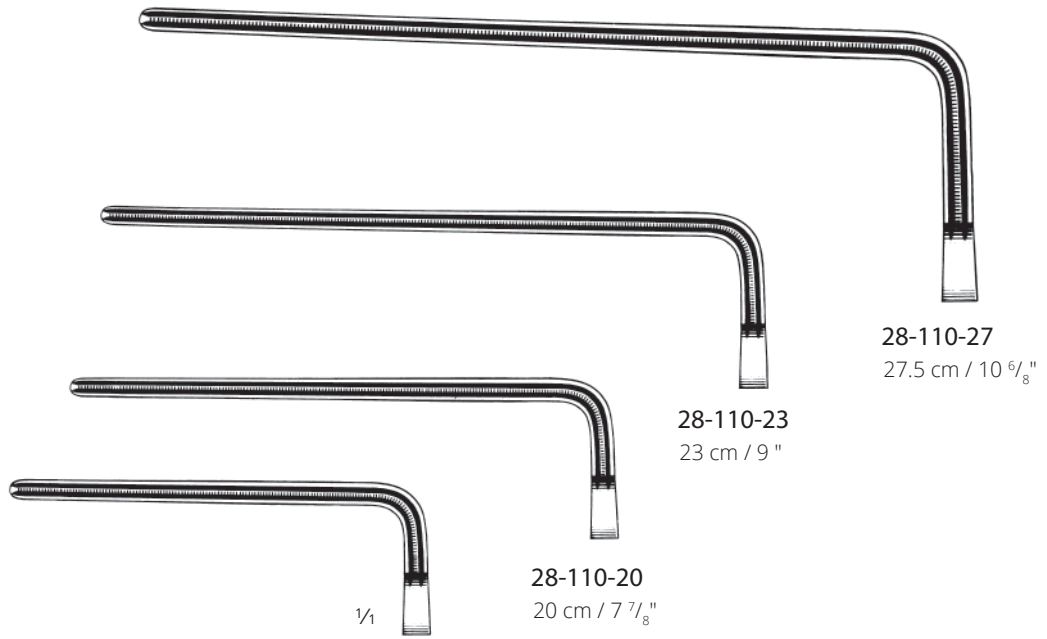


28-109-31  
31 cm / 12 2/8"

Potts  
28-109-21  
28-109-31

# Multi purpose Vascular Clamps

Atrauma

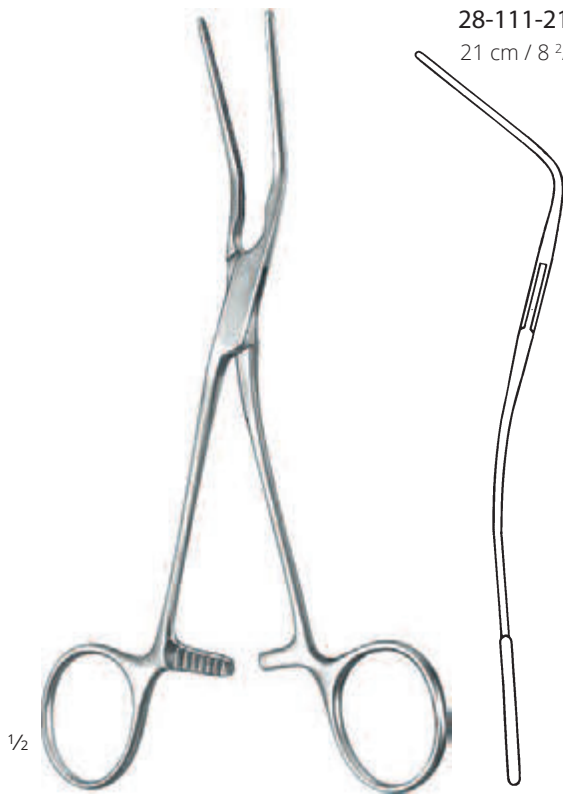
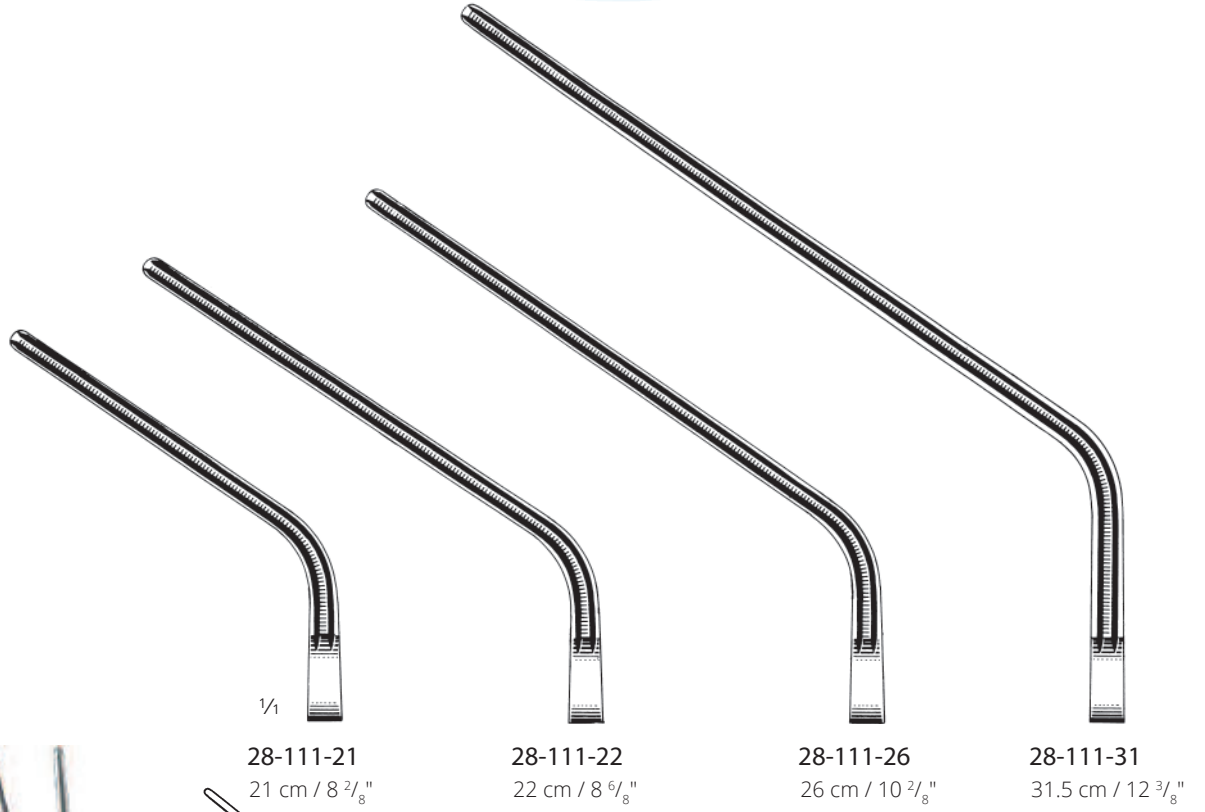


De Bakey  
28-110-18  
28-110-27



# Multi purpose Vascular Clamps

Atrauma



De Bakey  
28-111-21  
28-111-31

# Haemostatic Forceps

## Atrauma



28-112-12  
12.5 cm / 4 7/8"



28-113-12  
12.5 cm / 4 7/8"



1/2

De Bakey-Mosquito  
28-112-12  
28-113-12



1/2

De Bakey-Pean  
28-114-14  
28-114-20



28-114-14  
14.5 cm / 5 6/8"



28-114-16  
16.5 cm / 6 4/8"



28-114-18  
18.5 cm / 7 2/8"



28-114-20  
20.5 cm / 8 1/8"

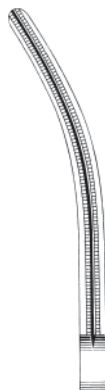


1/2

De Bakey-Pean  
28-115-14  
28-115-20



28-115-14  
14.5 cm / 5 6/8"



28-115-16  
16.5 cm / 6 4/8"



28-115-18  
18.5 cm / 7 2/8"



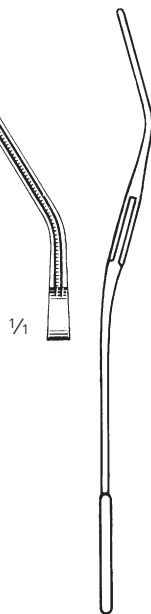
28-115-20  
20 cm / 7 7/8"

# Multi purpose Vascular Clamps

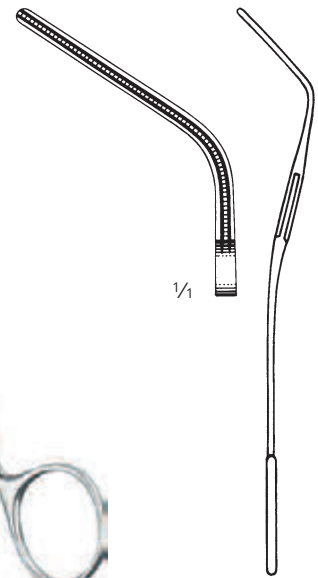
## Atrauma



De Bakey  
28-116-17  
17.5 cm / 6  $\frac{7}{8}$ "



De Bakey  
28-117-16  
16.5 cm / 6  $\frac{4}{8}$ "



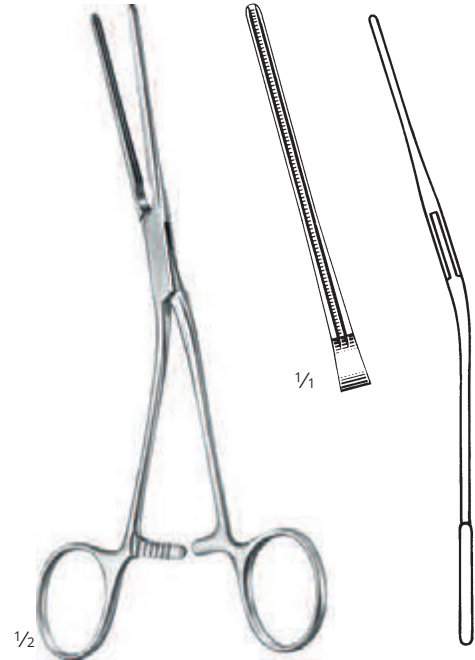
De Bakey  
28-118-16  
16 cm / 6  $\frac{2}{8}$ "

# Multi purpose Vascular Clamps

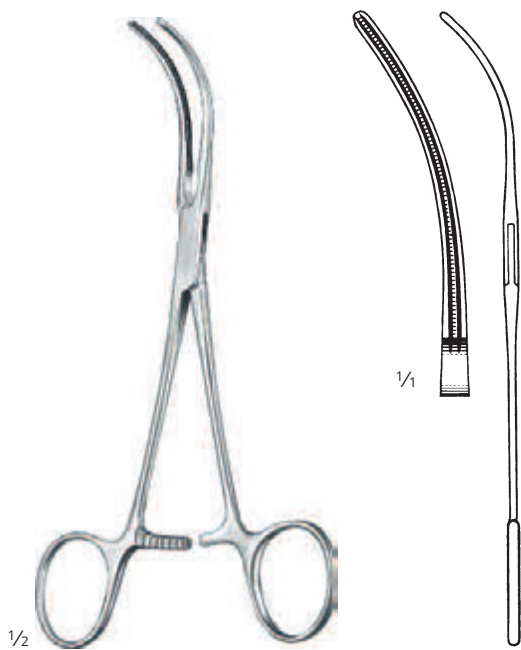
Atrauma



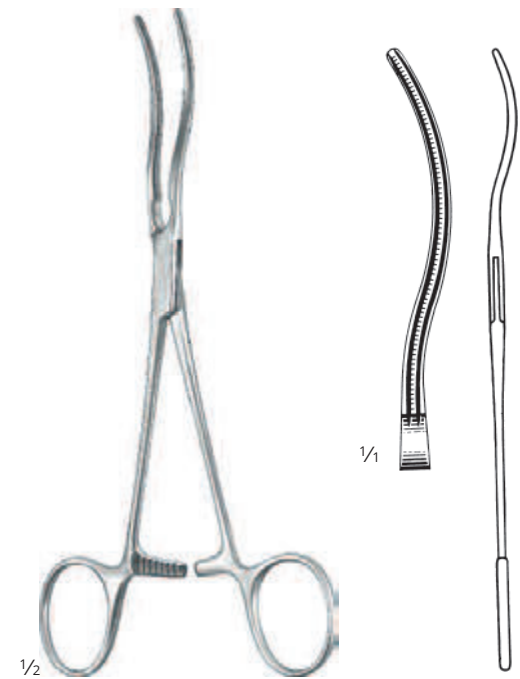
De Bakey  
28-119-15  
15 cm / 5 <sup>7</sup>/<sub>8</sub> "



De Bakey  
28-120-17  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub> "



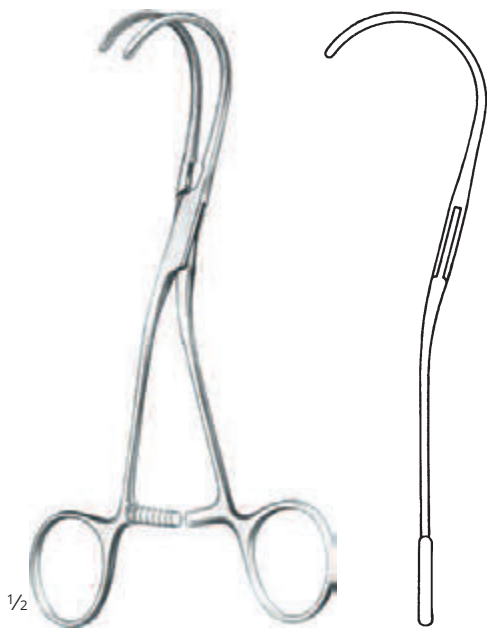
Glover  
28-121-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "



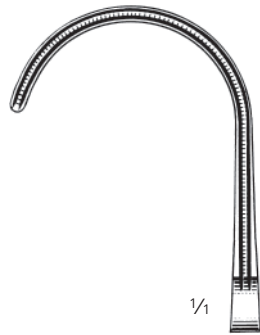
Glover  
28-122-17  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub> "

# Anastomosis Clamps

Atrauma



De Bakey  
28-123-16  
28-124-16



$\frac{1}{4}$   
28-123-16  
16.5 cm / 6  $\frac{4}{8}$ "



28-124-16  
16.5 cm / 6  $\frac{4}{8}$ "

# Anastomosis Clamps

## Atrauma



1/2

**Derra**  
28-125-16  
28-125-18



1/1

**Fig.1**  
28-125-16  
16.5 cm / 6 4/8"



**Fig.2**  
28-125-17  
17 cm / 6 6/8"

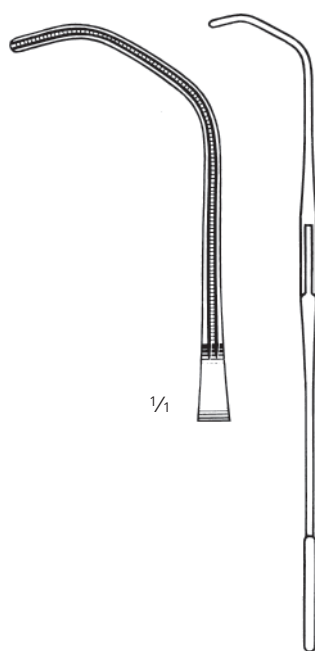


**Fig.3**  
28-125-18  
17.5 cm / 6 5/8"



1/2

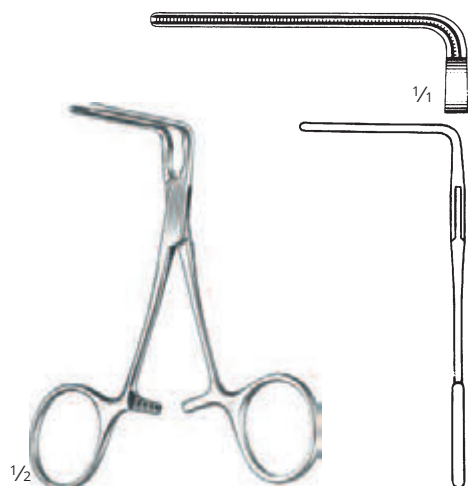
**De Bakey-Beck**  
28-126-17  
17 cm / 6 6/8"



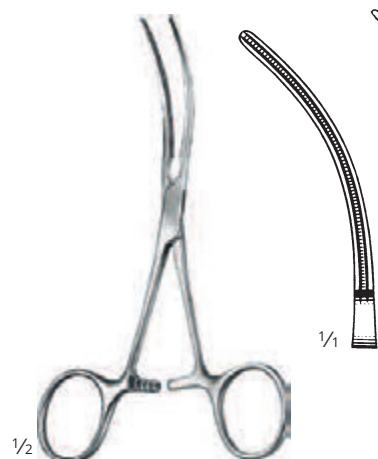
1/1

# Pediatric Vascular Clamps

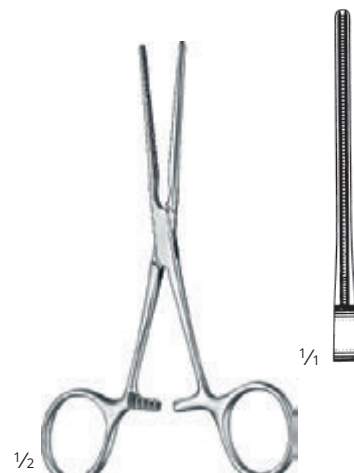
## Atrauma



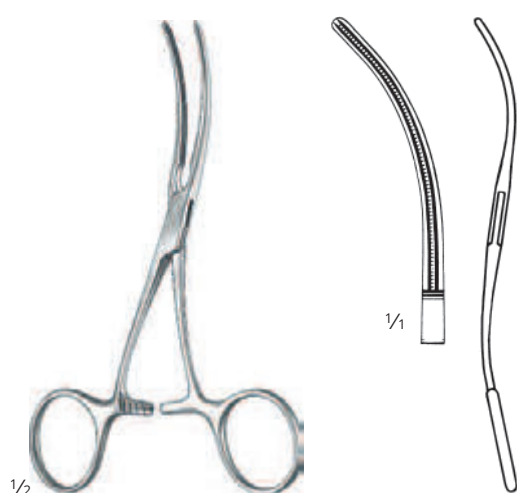
De Bakey  
28-127-10  
10 cm / 3 7/8"



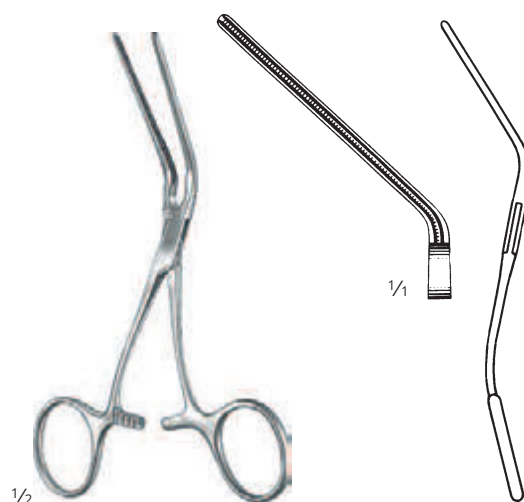
28-128-13  
13 cm / 5 1/8"



28-129-13  
13 cm / 5 1/8"



De Bakey  
28-130-12  
12.5 cm / 4 7/8"



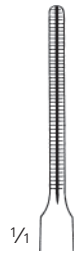
De Bakey  
28-131-12  
12.5 cm / 4 7/8"

# Vascular Forceps

Atrauma



Cooley  
28-132-16  
28-132-20



28-132-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"  
2.0 mm



28-132-20  
16 cm / 7 <sup>7</sup>/<sub>8</sub>"  
2.0 mm



# Pediatric Vascular Clamps

## Atrauma



28-133-01  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "

28-133-02  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "

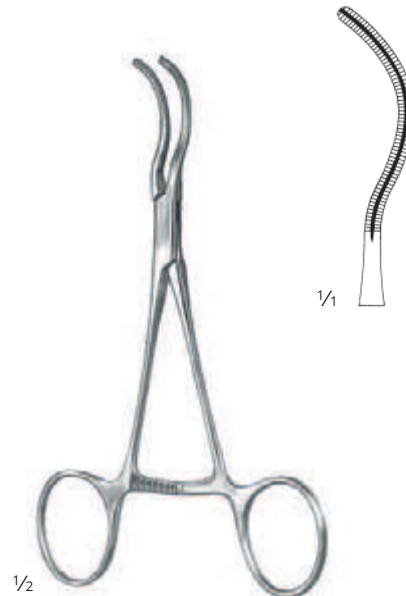
Cooley  
28-133-01  
28-133-02



Cooley  
28-133-03  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "



Cooley  
28-133-04  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "



Cooley  
28-133-05  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "

# Anastomosis Clamps, Multi purpose Vascular Clamps

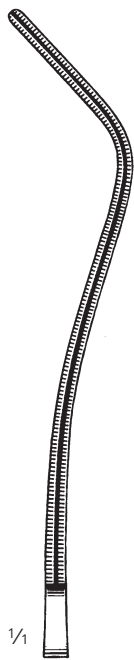
Atrauma



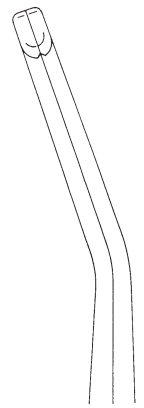
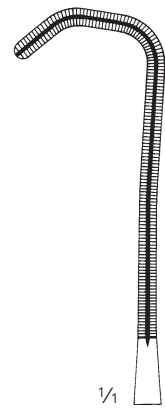
**Cooley**  
28-134-21  
22 cm / 8 <sup>5</sup>/<sub>8</sub> "  
Iliac Clamp  
Iliacaklemme  
Pinza para iliaca  
Pince-clamps iliaque  
Pinza iliaca



**Cooley**  
28-135-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "



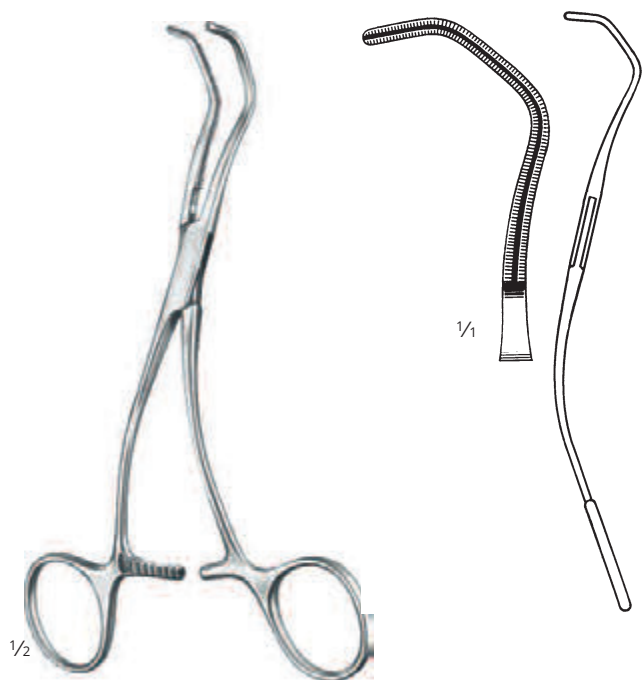
**Cooley**  
28-136-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "  
Carotid Clamp  
Carotisklemme  
Pinza para carótida  
Pince-clamps pour carotide  
Pinza per carotis



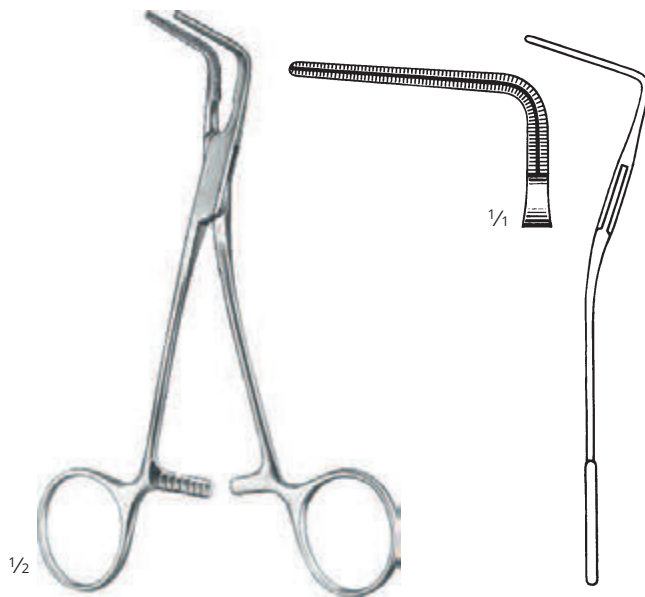
**Cooley**  
28-137-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "

# Anastomosis Clamps, Multi purpose Vascular Clamps

Atrauma



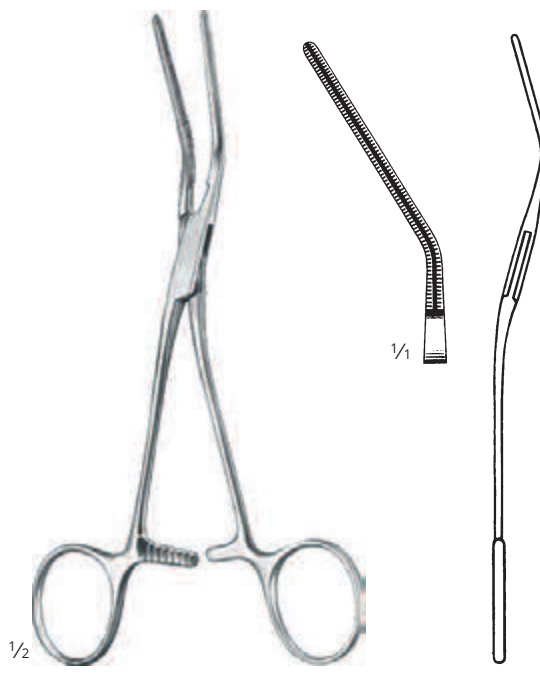
Cooley  
28-138-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



Cooley  
28-139-15  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"



Cooley  
28-140-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



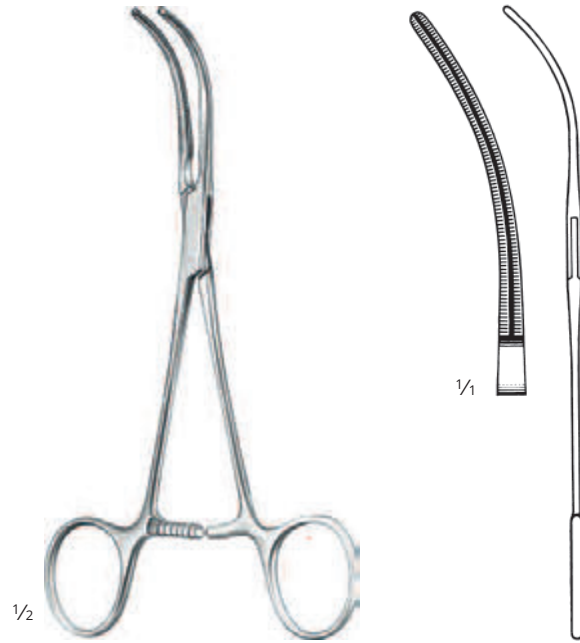
Cooley  
28-141-17  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"

# Anastomosis Clamps, Multi purpose Vascular Clamps

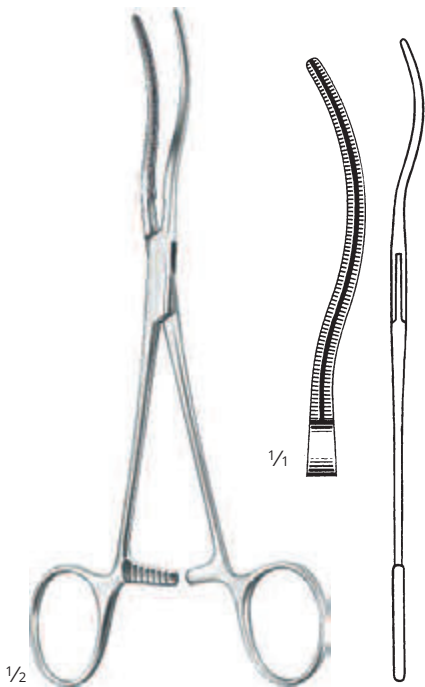
Atrauma



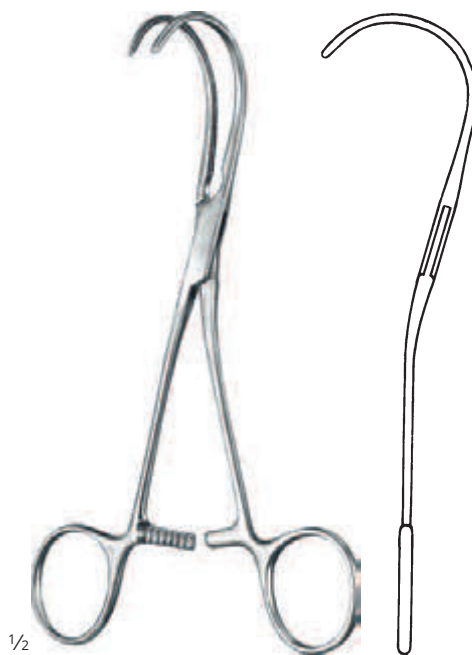
Cooley  
28-142-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



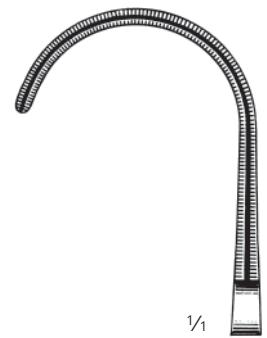
Cooley  
28-143-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



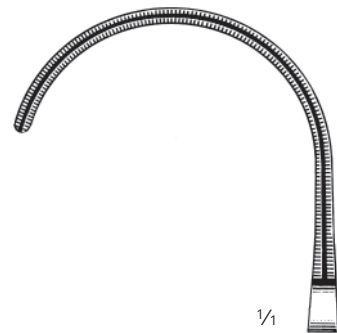
Cooley  
28-144-17  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"



Cooley  
28-145-16  
28-145-17



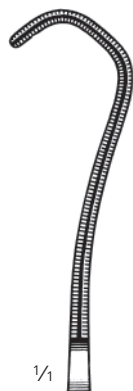
28-145-16  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"



28-145-17  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"

# Anastomosis Clamps

## Atrauma



28-146-16  
16.5 cm / 6 4/8"

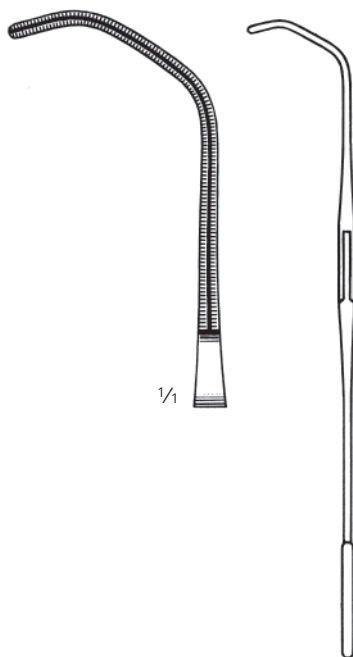


28-146-17  
17 cm / 6 6/8"



28-146-18  
17.5 cm / 6 7/8"

Cooley-Derra  
28-146-16  
28-146-18

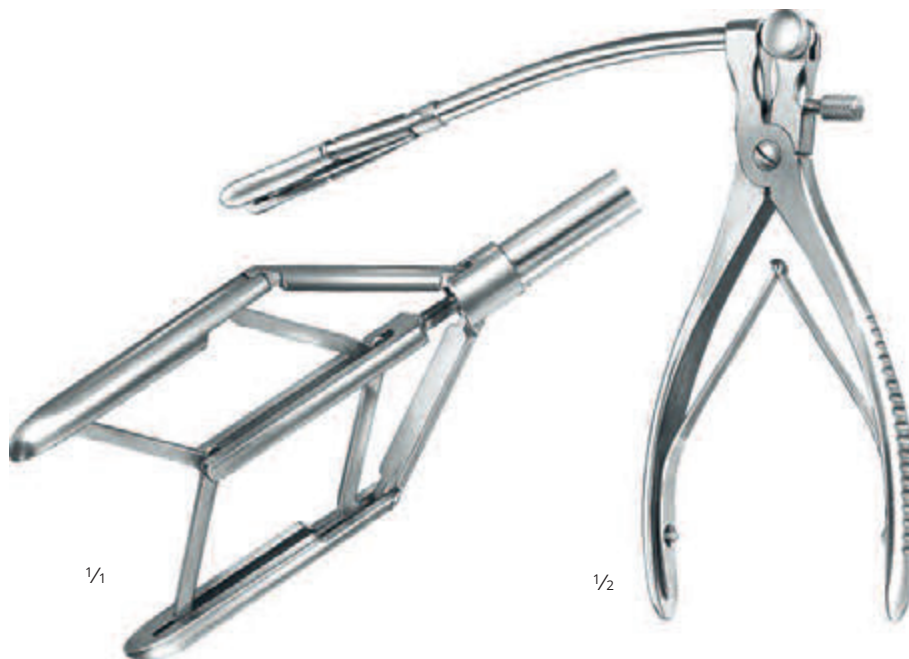


Cooley-Beck  
28-147-17  
17 cm / 6 6/8"

# Aortic Dilators

Atrauma

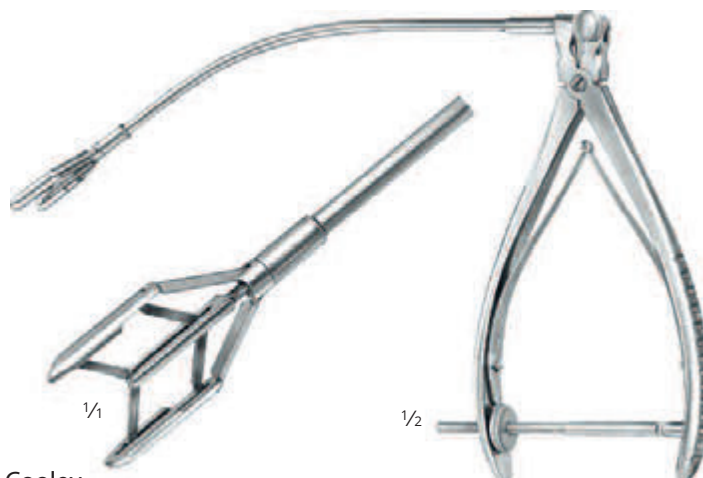
28



## Tubbs 28-148-00

spreading 8 - 42 mm, with fixation screw  
Spreizweite 8 - 42 mm, mit Feststellschraube  
abertura 8 - 42 mm, con tornillo de ajuste  
ouverture 8 - 42 mm, avec vis de fixation  
apertura totale 8 - 42 mm, con vite di fissazione

for mitral stenosis  
für Mitralstenosen  
para estenosis mitral  
pour sténoses mitrales  
per stenosi mitrali



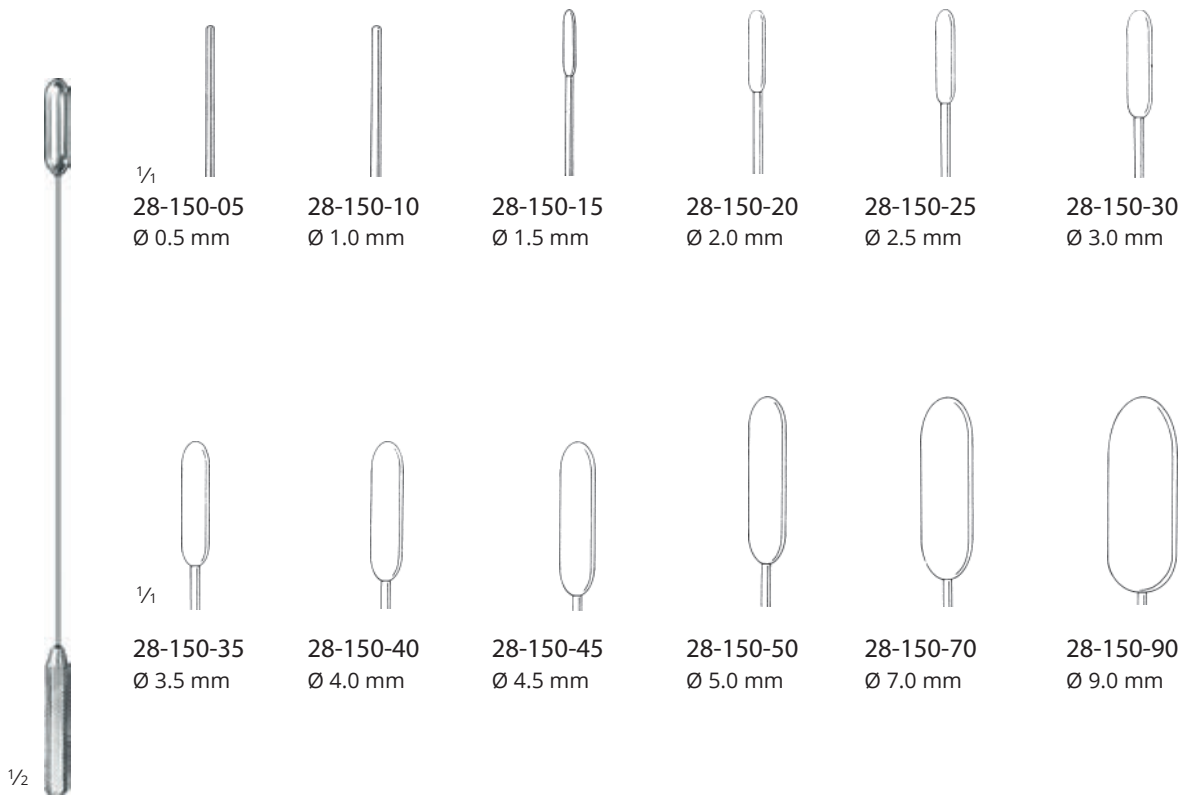
## Cooley 28-149-00

spreading 5 - 20 mm, with thread fixation  
Spreizweite 5 - 20 mm, mit Gewindesperre  
abertura 5 - 20 mm, con fijación de rosca  
ouverture 5 - 20 mm, avec fixation fileté  
apertura totale 5 - 20 mm, con fissazione a filettatura

for mitral stenosis  
für Mitralstenosen  
para estenosis mitral  
pour sténoses mitrales  
per stenosi mitrali

# Vascular Dilators

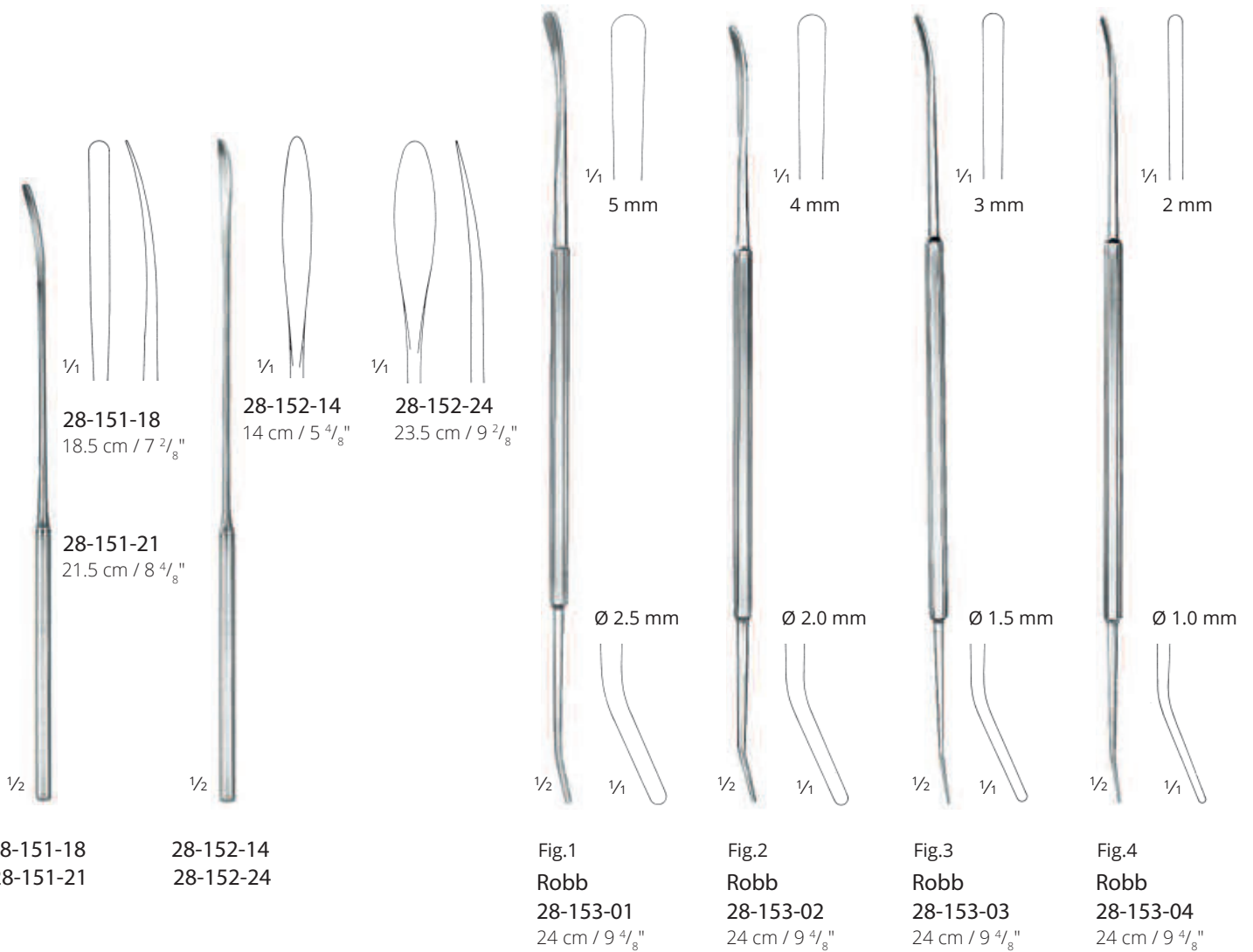
Atrauma



De Bakey  
 28-150-05  
 28-150-90  
 19 cm / 7 4/8"

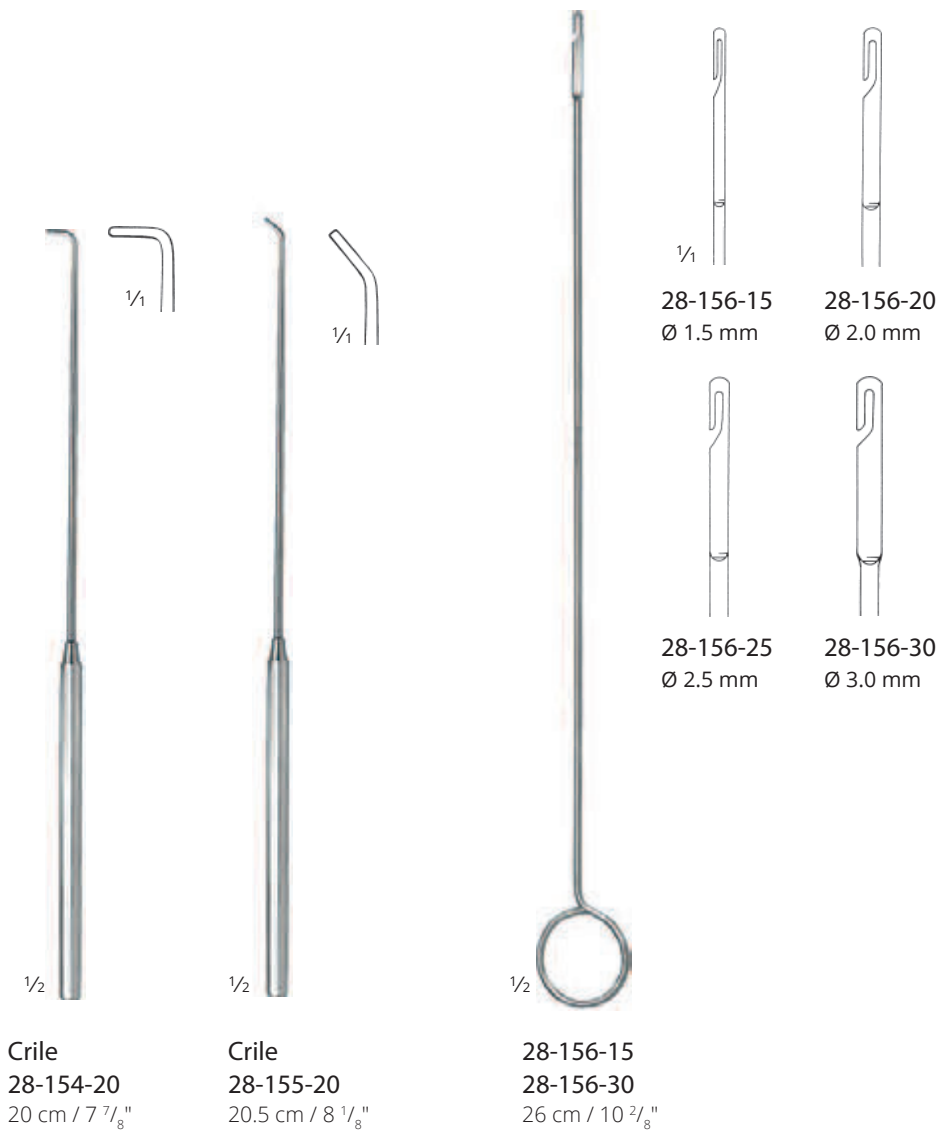
# Intima Spatulas, Vascular Dissectors

Atrauma



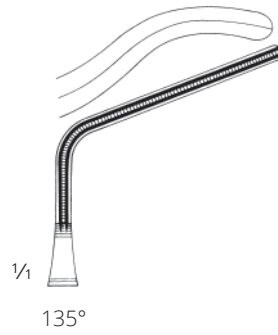


## Nerve Hooklets, Tourniquets

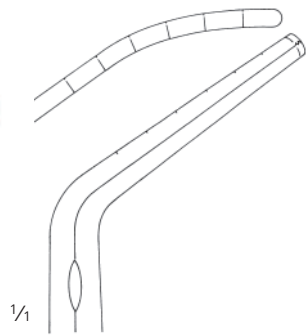


# Pediatric Aortic Clamps, Pediatric Vascular Clamps

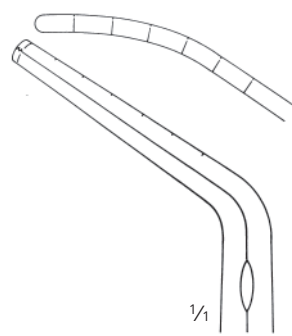
Atrauma



**Subramanian-Miniature**  
28-157-16  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"



**Subramanian**  
28-158-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



**Subramanian**  
28-159-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"

# Pediatric Vascular Clamps

## Atrauma

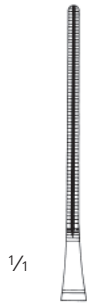


Fig.1  
28-160-01  
14 cm / 5 4/8"



Fig.2  
28-160-02  
14 cm / 5 4/8"



Fig.3  
28-160-03  
14 cm / 5 4/8"



Fig.4  
28-160-04  
14 cm / 5 4/8"



Fig.5  
28-160-05  
14 cm / 5 4/8"



Fig.6  
28-160-06  
13 cm / 5"



Fig.7  
28-160-07  
13 cm / 5"



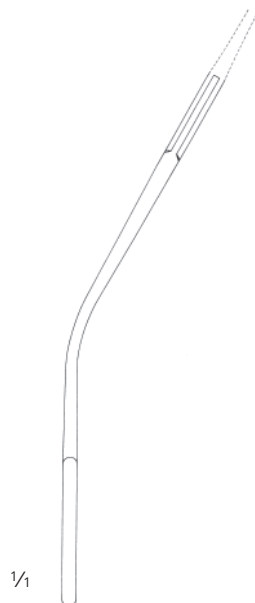
Fig.8  
28-160-08  
14 cm / 5 4/8"



Fig.9  
28-160-09  
13 cm / 5"



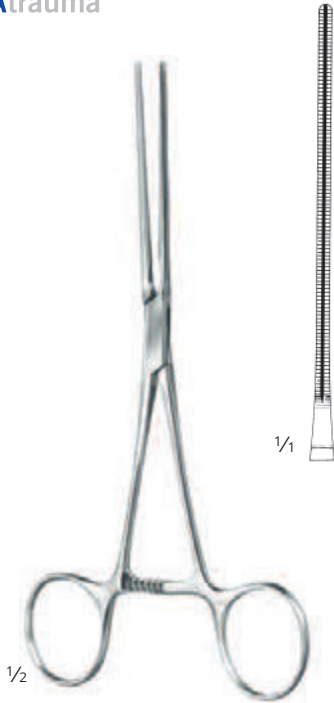
28-160-01  
28-160-09



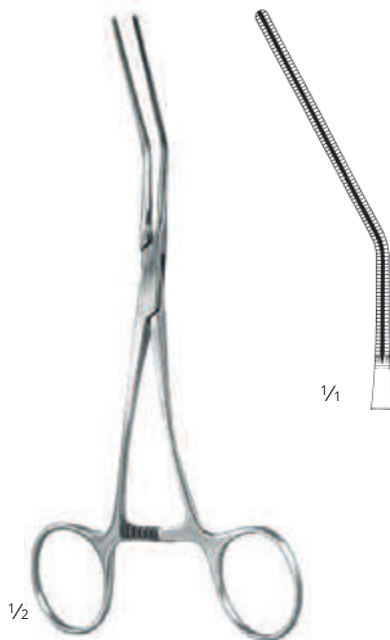
1/4

# Pediatric Vascular Clamps

## Atrauma



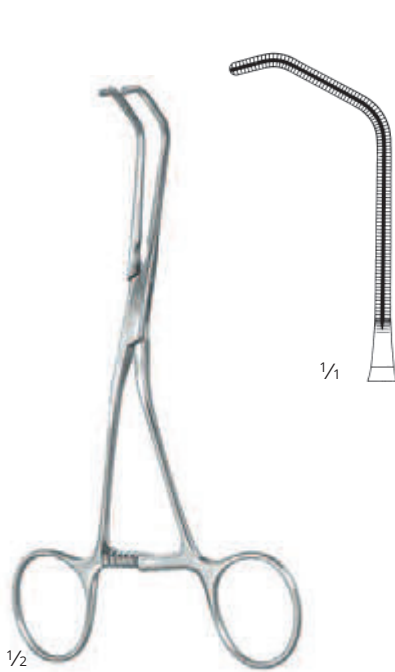
28-161-16  
16.5 cm / 6 4/8"



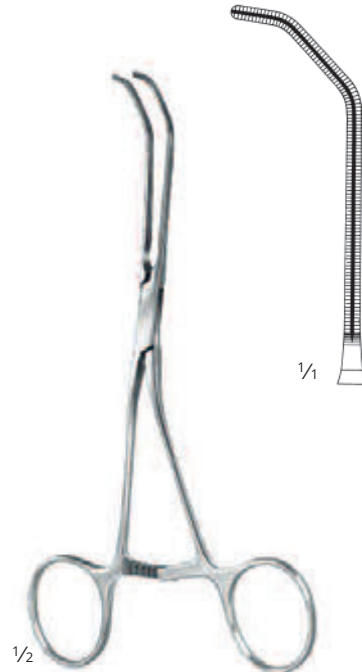
28-162-16  
16.5 cm / 6 4/8"



28-163-16  
15.5 cm / 6"



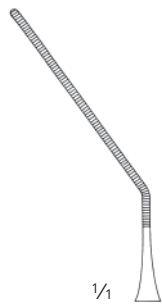
28-163-15  
15.5 cm / 6"



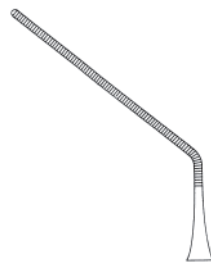
28-164-16  
16.5 cm / 6 2/8"

# Neonatal Vascular Clamps

## Atrauma



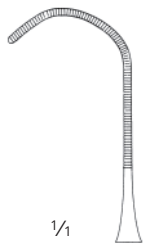
1/4  
28-165-01  
12.5 cm / 5 "



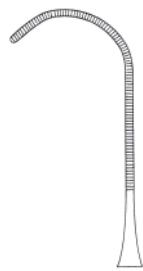
28-165-02  
12 cm / 4 6/8 "



28-165-03  
11 cm / 4 2/8 "



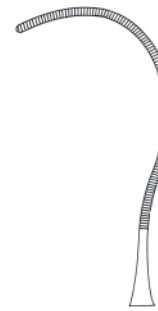
1/4  
28-166-01  
12 cm / 4 6/8 "



28-166-02  
12 cm / 4 6/8 "



28-166-03  
12 cm / 4 6/8 "



28-166-04  
12 cm / 4 6/8 "



1/2

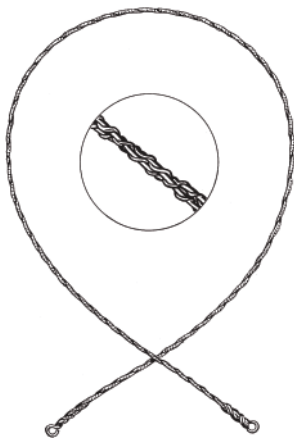
Castañeda  
28-165-01  
28-166-04



30

# Neurosurgery, Laminectomy

## Wire Saws



Gigli  
30-001-30  
30-001-70

30-001-30  
30 cm / 11 <sup>6</sup>/<sub>8</sub> "

30-001-40  
40 cm / 15 <sup>6</sup>/<sub>8</sub> "

30-001-50  
50 cm / 19 <sup>5</sup>/<sub>8</sub> "

30-001-60  
60 cm / 23 <sup>5</sup>/<sub>8</sub> "

30-001-70  
70 cm / 27 <sup>4</sup>/<sub>8</sub> "



Gigli  
30-002-01  
Wire Saw Handle  
Drahtsägen-Handgriff  
Mango de gancho  
Manche à crochet  
Manico con uncino



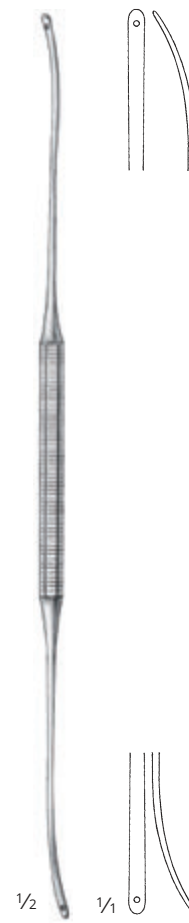
De Martel  
30-003-33  
33 cm / 13 "  
Wire Saw Guide  
Einführinstrument  
Conductor para sierras de hilo  
Conducteur pour fils-scies  
Introduttore

## Dura Dissectors

30



Toennis  
30-004-24  
24 cm / 9  $\frac{4}{8}$ "



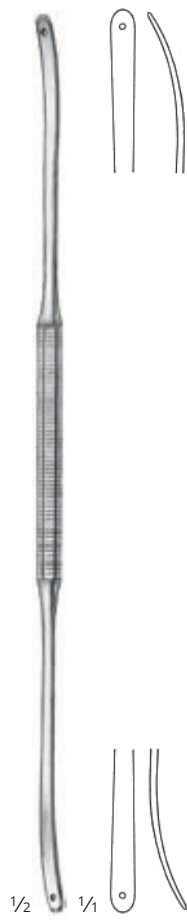
Olivecrona  
30-005-24  
24 cm / 9  $\frac{4}{8}$ "



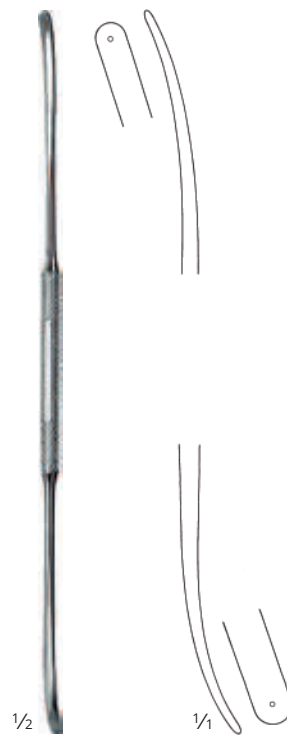
## Dura Dissectors



Olivecrona  
30-006-18  
18 cm / 7 1/8"



Olivecrona  
30-007-24  
24 cm / 9 4/8"

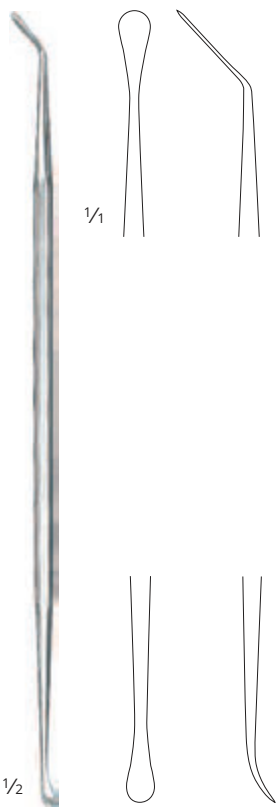


Olivecrona  
30-008-20  
20 cm / 7 7/8"



Sachs  
30-009-21  
20.5 cm / 8 1/8"

# Dura Dissectors



**Milligan**  
**30-010-21**  
21.5 cm / 8 <sup>4</sup>/<sub>8</sub> "



**Davis**  
**30-011-21**  
21.5 cm / 8 <sup>4</sup>/<sub>8</sub> "



**30-012-22**  
22 cm / 8 <sup>5</sup>/<sub>8</sub> "

# Dura Dissectors

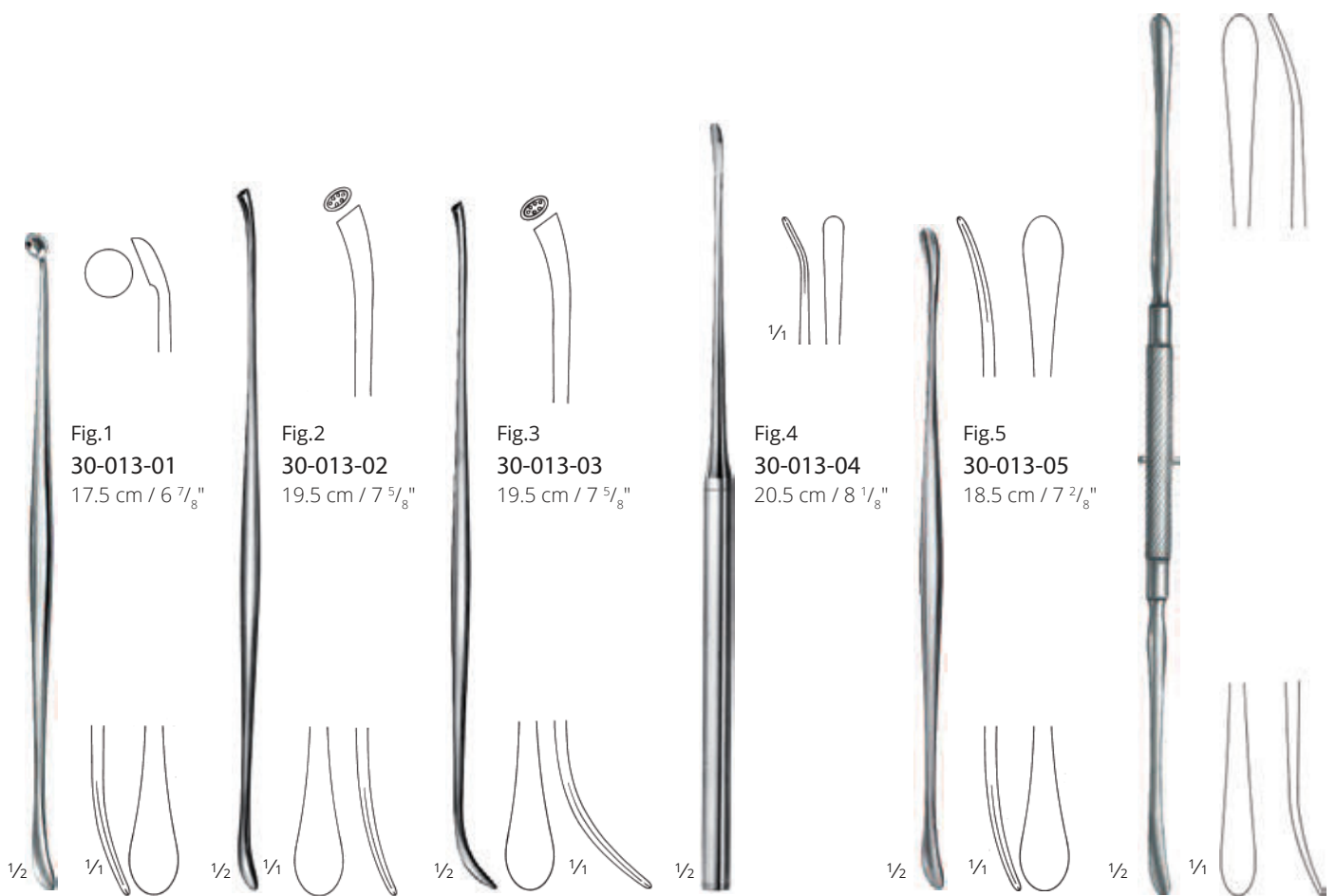


Fig.1  
30-013-01  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"

Fig.2  
30-013-02  
19.5 cm / 7 <sup>5</sup>/<sub>8</sub>"

Fig.3  
30-013-03  
19.5 cm / 7 <sup>5</sup>/<sub>8</sub>"

Fig.4  
30-013-04  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"

Fig.5  
30-013-05  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"

Penfield  
30-013-01  
30-013-05

Davis  
30-014-24  
24.5 cm / 9 <sup>5</sup>/<sub>8</sub>"

# Nerve Root Retractors



- 50-133-04**  
24 cm (9 1/2") / width: 4 mm
- 50-133-08**  
24 cm (9 1/2") / width: 8 mm
- 50-133-10**  
24 cm (9 1/2") / width: 10 mm

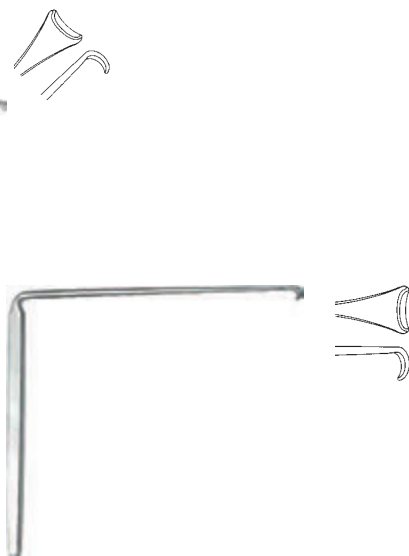
CASPAR  
50-133-04  
50-133-10



1/2  
Fig.1  
Love  
30-015-19  
21.5 cm / 8 4/8"



1/2  
Fig.2  
Love  
30-016-17  
17.5 cm / 6 7/8"



1/2  
Fig.3  
Love  
30-017-11  
11 cm / 4 3/8"



Love  
30-018-21  
21 cm / 8 2/8"

## Brain Spatulas



30-019-08  
8 mm

30-019-14  
14 mm

30-019-17  
17 mm

$\frac{1}{2}$

Heifetz  
30-019-08  
30-019-17  
15.5 cm / 6  $\frac{1}{8}$ "

## Brain Spatulas

30



Olivecrona  
18 cm / 7 "

concave  
konkav  
cóncava  
concave  
concava

30-020-18	7 + 9 mm
30-021-18	11 + 13 mm
30-022-18	15 + 18 mm
30-023-18	18 + 22 mm



1/2

Heifetz  
30-024-11  
30-024-20

30-024-11  
15.5 cm / 6 1/8 "  
11 mm

30-024-14  
20 cm / 7 7/8 "  
14 mm

30-024-17  
20 cm / 7 7/8 "  
17 mm

30-024-20  
20 cm / 7 7/8 "  
20 mm



1/2

Olivecrona  
18 cm / 7 "

concave  
konkav  
cóncava  
concave  
concava

30-025-18	7 + 9 mm
30-026-18	11 + 13 mm
30-027-18	15 + 18 mm
30-028-18	18 + 22 mm

## Nerve Root Retractors



1/2

**Scoville**  
30-029-23  
23.5 cm / 9 2/8"



1/2

**Holsher**  
30-030-24  
24 cm / 9 4/8"



1/2

**Scoville**  
30-031-16  
16.5 cm / 6 4/8"

# Nerve Hooks

1/2

1/1

1/2

1/1

1/2

1/1

1/2

1/1

1/2

1/1

1/2

1/1

1/2

1/1

1/2

1/1

30-032-26  
26.5 cm / 10 3/8"

30-033-26  
26.5 cm / 10 3/8"

30-034-19  
19 cm / 7 4/8"

30-034-28  
28 cm / 11 "

30-035-19  
19 cm / 7 4/8"

30-035-28  
28 cm / 11 "

30-036-17  
16.5 cm / 6 4/8"

30-036-21  
21 cm / 8 4/8"

Groningen  
30-032-26  
26.5 cm / 10 3/8"

Groningen  
30-033-26  
26.5 cm / 10 3/8"

Cushing  
30-034-19  
30-034-28

Cushing  
30-035-19  
30-035-28

Smithwick  
30-036-17  
30-036-21



# Dura Hooks



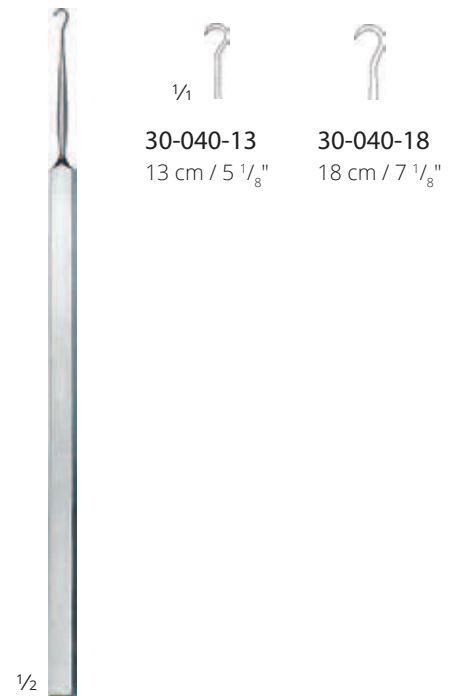
**Adson**  
30-037-20  
20 cm / 7 7/8"



**Graham**  
30-038-16  
16.5 cm / 6 4/8"



**Sachs**  
30-039-17  
17 cm / 6 6/8"



**Frazier**  
30-040-13  
30-040-18

For microscopic procedures  
 Für mikroskopische Eingriffe  
 Para intervenciones microscópicas  
 Pour interventions microscopiques  
 Per interventi al microscopio



**Mikaeel**  
**30-041-01**  
**30-041-18**  
 Bayonet  
 Bajonett  
 Bajoneta  
 Baïonnette  
 Baionetta



**30-043-99**  
 Handle  
 Handgriff  
 Mango  
 Manche  
 Manico



**Mikaeel**  
**30-041-70**  
 Instrument set, fig. 1-18, 23 cm, incl. mesh tray and 2 handles  
 Instrumenten-Set, Fig. 1-18, 23 cm, inkl. Siebkorb und 2 Handgriffen  
 Juego de instrumentos, fig. 1-18, 23 cm, incl. bandeja cribada y 2 mangos  
 Set d'instruments, fig. 1-18, 23 cm, incl. panier à maille et 2 manches  
 Set di strumenti, fig. 1-18, 23 cm, compr. vassoio reticolato per supporto e 2 manici

# Mikaeel instruments



	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
23 cm, 9"	30-041-01	30-041-02	30-041-03	30-041-04	30-041-05	30-041-06



	Fig. 7	Fig. 8	Fig. 9	Fig. 10	Fig. 11	Fig. 12
23 cm, 9"	30-041-07	30-041-08	30-041-09	30-041-10	30-041-11	30-041-12

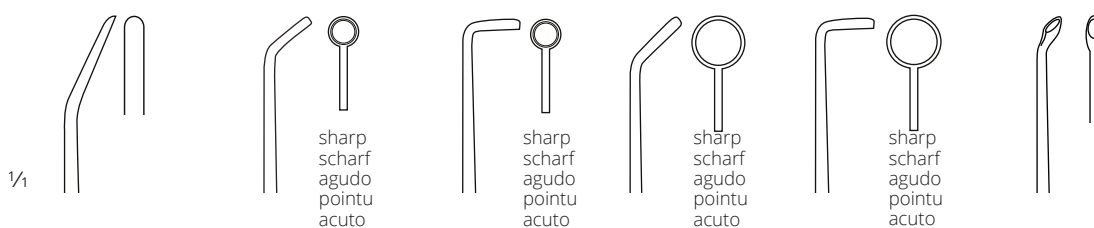


	Fig. 13	Fig. 14	Fig. 15	Fig. 16	Fig. 17	Fig. 18
23 cm, 9"	30-041-13	30-041-14	30-041-15	30-041-16	30-041-17	30-041-18

## Tew instruments

30

For microscopic procedures  
Für mikroskopische Eingriffe  
Para intervenciones microscópicas  
Pour interventions microscopiques  
Per interventi al microscopio



**Tew**  
**30-042-01**  
**30-042-28**  
Bayonet  
Bajonett  
Bayoneta  
Baïonnette  
Baionetta

**30-043-99**  
Handle  
Handgriff  
Mango  
Manche  
Manico

**Tew**  
**30-042-70**

Instrument set, fig. 1-28, 23 cm, incl. mesh tray and 2 handles  
Instrumenten-Set, Fig. 1-28, 23 cm, inkl. Siebkorb und 2 Handgriffen  
Juego de instrumentos, fig. 1-28, 23 cm, incl. bandeja cribada y 2 mangos  
Set d'instruments, fig. 1-28, 23 cm, incl. panier à maille et 2 manches  
Set di strumenti, fig. 1-28, 23 cm, compr. vassoio reticolato per supporto e 2 manici

## Tew instruments

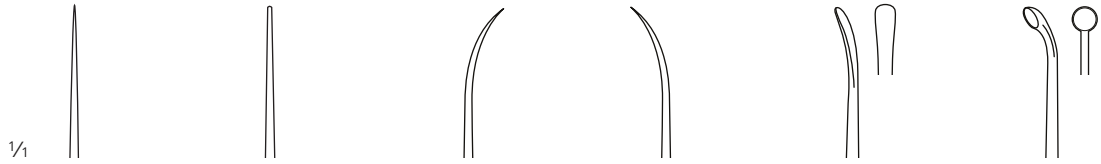


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
23 cm, 9"	30-042-01	30-042-02	30-042-03	30-042-04	30-042-05	30-042-06

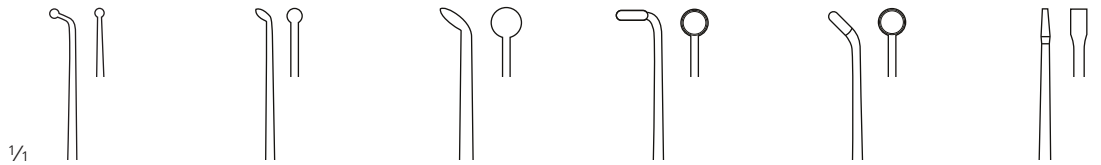


	Fig. 7	Fig. 8	Fig. 9	Fig. 10	Fig. 11	Fig. 12
23 cm, 9"	30-042-07	30-042-08	30-042-09	30-042-10	30-042-11	30-042-12

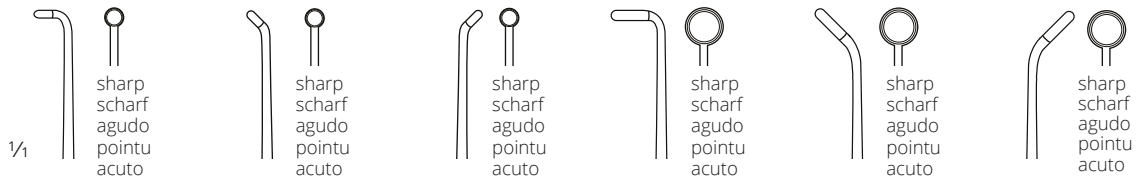


	Fig. 13	Fig. 14	Fig. 15	Fig. 16	Fig. 17	Fig. 18
23 cm, 9"	30-042-13	30-042-14	30-042-15	30-042-16	30-042-17	30-042-18

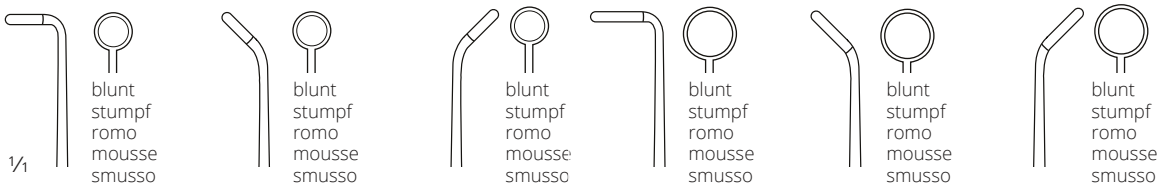


	Fig. 19	Fig. 20	Fig. 21	Fig. 22	Fig. 23	Fig. 24
23 cm, 9"	30-042-19	30-042-20	30-042-21	30-042-22	30-042-23	30-042-24



	Fig. 25	Fig. 26	Fig. 27	Fig. 28
23 cm, 9"	30-042-25	30-042-26	30-042-27	30-042-28

# Pittsburgh instruments

30

For microscopic procedures  
 Für mikroskopische Eingriffe  
 Para intervenciones microscópicas  
 Pour interventions microscopiques  
 Per interventi al microscopio

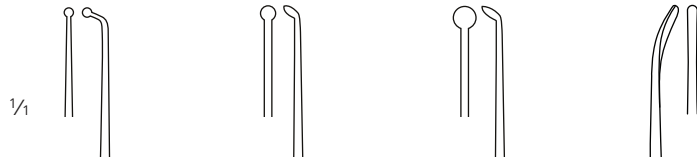


	Fig. 1	Fig. 2	Fig. 3	Fig. 4
23 cm, 9"	TIN 30-043-01	30-043-02	30-043-03	30-043-04

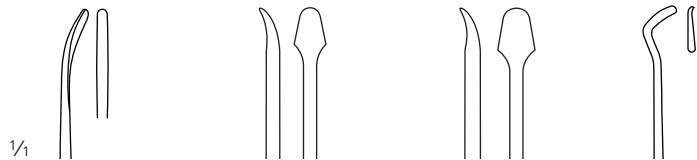


	Fig. 5	Fig. 6	Fig. 7	Fig. 8
23 cm, 9"	TIN 30-043-05	30-043-06	30-043-07	30-043-08

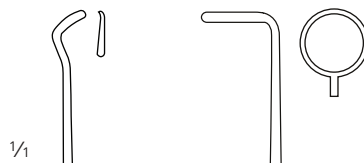


	Fig. 9	Fig. 10
23 cm, 9"	TIN 30-043-09	30-043-10



**Pittsburgh**  
 30-043-01  
 30-043-10  
 straight  
 gerade  
 recto  
 droit  
 diritto

**30-043-99**  
 Handle  
 Handgriff  
 Mango  
 Manche  
 Manico

**Pittsburgh**  
 30-043-00

Instrument set, fig. 1-10, incl. mesh tray and 1 handle  
 Instrumenten-Set, Fig. 1-10, inkl. Siebkorb und 1 Handgriff  
 Juego de instrumentos, fig. 1-10, incl. bandeja cribada y 1 mango  
 Set d'instruments, fig. 1-10, incl. panier à maille et 1 manche  
 Set di strumenti, fig. 1-10, compr. vassoio reticolato per supporto e 1 manico



# Jannetta instruments

Dissection set for pituitary and skull base surgery  
 Dissektionsset für Schädelbasis-Chirurgie  
 Juego de disección para cirugía de la base del cráneo  
 Set de dissection pour chirurgie de la base du crâne  
 Set di dissezione per chirurgia per la base cranica

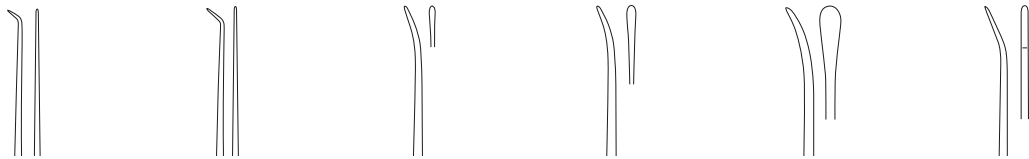


	Fig. 1	Fig. 2	Fig. 3	Fig. 4	Fig. 5	Fig. 6
23 cm, 9"	30-044-01	30-044-02	30-044-03	30-044-04	30-044-05	30-044-06

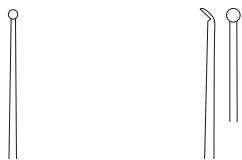


	Fig. 7	Fig. 8
23 cm, 9"	30-044-07	30-044-08



1/2

**Jannetta**  
 30-044-01  
 30-044-08



**Jannetta**  
 30-044-00

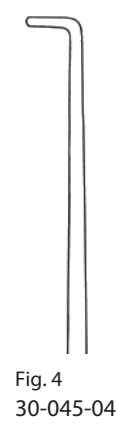
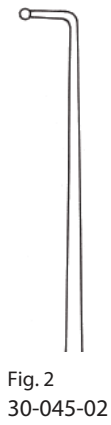
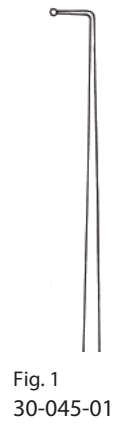
Instrument set, fig. 1-8, incl. mesh tray  
 Instrumenten-Set, Fig. 1-8, inkl. Siebkorb  
 Juego de instrumentos, fig. 1-8, incl. bandeja  
 Set d'instruments, fig. 1-8, incl. panier à maille  
 Set di strumenti, fig. 1-8, compr. vassoio reticolato

## Nerve and Vessel Hooklets

30

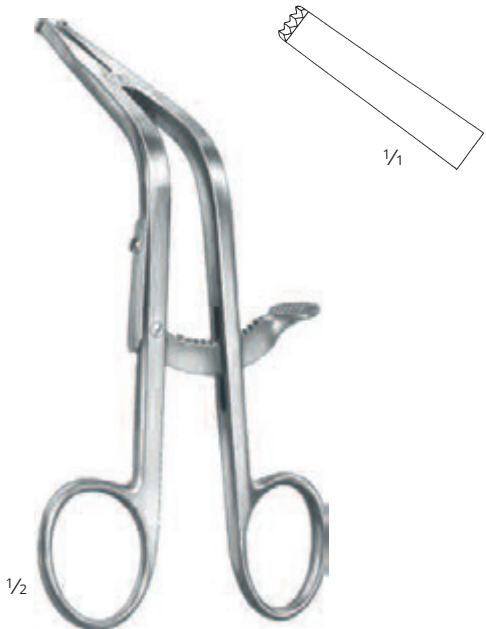


Krayenbühl  
30-045-01  
30-045-04  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"

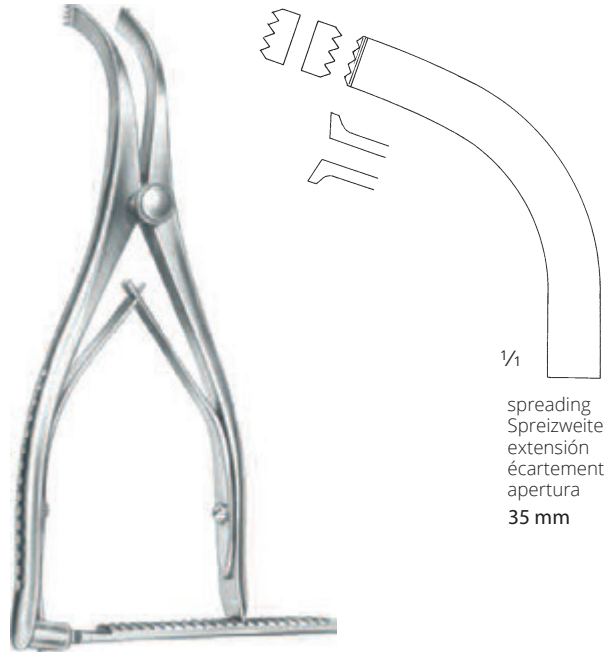




## Lamina Spreaders

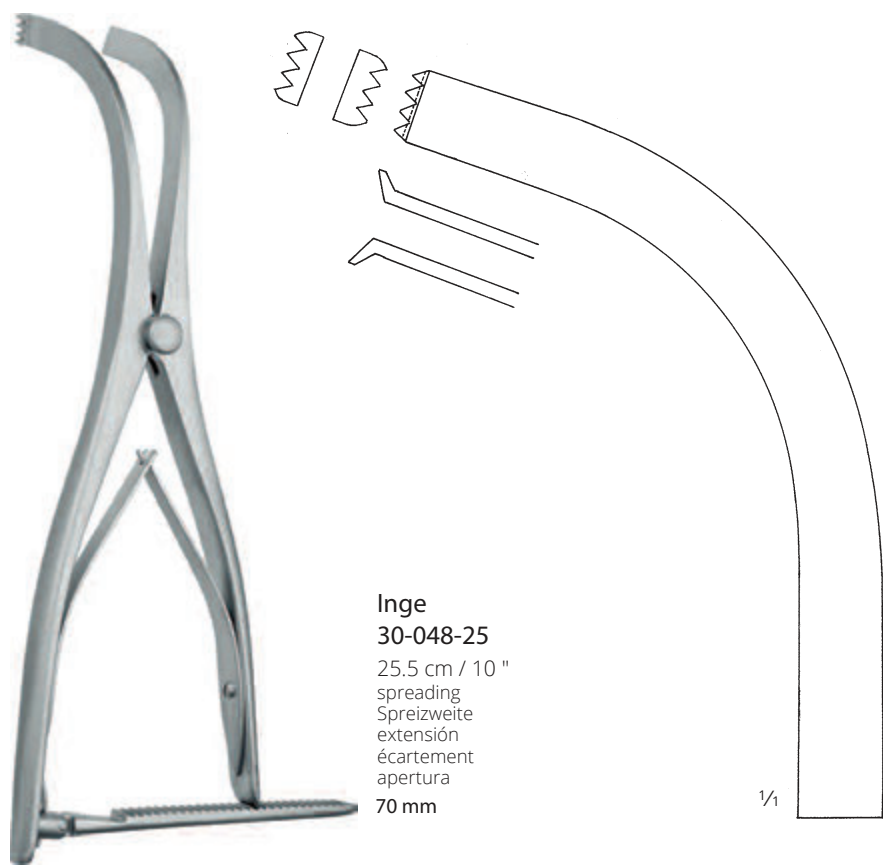


**Cloward**  
**30-046-16**  
 16 cm / 6 2/8 "



**Inge**  
**30-047-17**  
 16 cm / 6 2/8 "

spreading  
 Spreizweite  
 extensión  
 écartement  
 apertura  
**35 mm**



**Inge**  
**30-048-25**  
 25.5 cm / 10 "  
 spreading  
 Spreizweite  
 extensión  
 écartement  
 apertura  
**70 mm**

# Haemostatic Forceps

30

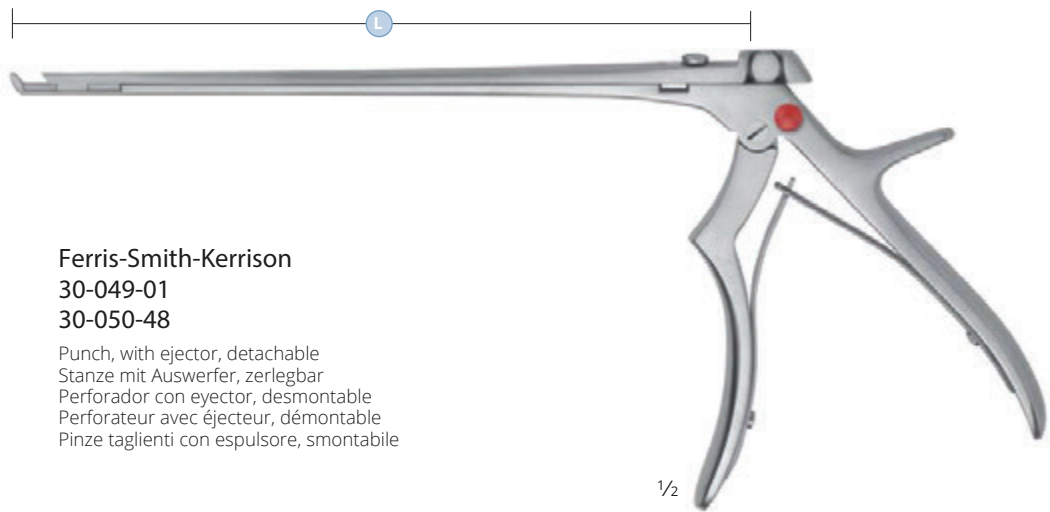
St

Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

L

Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)







Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



**Ferris-Smith-Kerrison**  
30-049-01  
30-050-48

Punch, with ejector, detachable  
Stanze mit Auswerfer, zerlegbar  
Perforador con eyector, desmontable  
Perforateur avec éjecteur, démontable  
Pinze taglianti con espulsore, smontabile

1/2

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca	40° cutting upward aufwärts schneidend corte arriba tranchant vers le haut tagliante verso l'alto				90° cutting upward aufwärts schneidend corte arriba tranchant vers le haut tagliante verso l'alto				
	L	18 cm	20 cm	23 cm	28 cm	18 cm	20 cm	23 cm	28 cm
1 mm 	St	30-049-01	30-049-03	30-049-05	30-049-07	30-049-02	30-049-04	30-049-06	30-049-08
	SB	30-050-01	30-050-03	30-050-05	30-050-07	30-050-02	30-050-04	30-050-06	30-050-08
2 mm 	St	30-049-09	30-049-11	30-049-13	30-049-15	30-049-10	30-049-12	30-049-14	30-049-16
	SB	30-050-09	30-050-11	30-050-13	30-050-15	30-050-10	30-050-12	30-050-14	30-050-16
3 mm 	St	30-049-17	30-049-19	30-049-21	30-049-23	30-049-18	30-049-20	30-049-22	30-049-24
	SB	30-050-17	30-050-19	30-050-21	30-050-23	30-050-18	30-050-20	30-050-22	30-050-24
4 mm 	St	30-049-25	30-049-27	30-049-29	30-049-31	30-049-26	30-049-28	30-049-30	30-049-32
	SB	30-050-25	30-050-27	30-050-29	30-050-31	30-050-26	30-050-28	30-050-30	30-050-32
5 mm 	St	30-049-33	30-049-35	30-049-37	30-049-39	30-049-34	30-049-36	30-049-38	30-049-40
	SB	30-050-33	30-050-35	30-050-37	30-050-39	30-050-34	30-050-36	V30-050-38	30-050-40
6 mm 	St	30-049-41	30-049-43	30-049-45	30-049-47	30-049-42	30-049-44	30-049-46	30-049-48
	SB	30-050-41	30-050-43	30-050-45	30-050-47	30-050-42	30-050-44	30-050-46	30-050-48

# Aortic Clamps

St

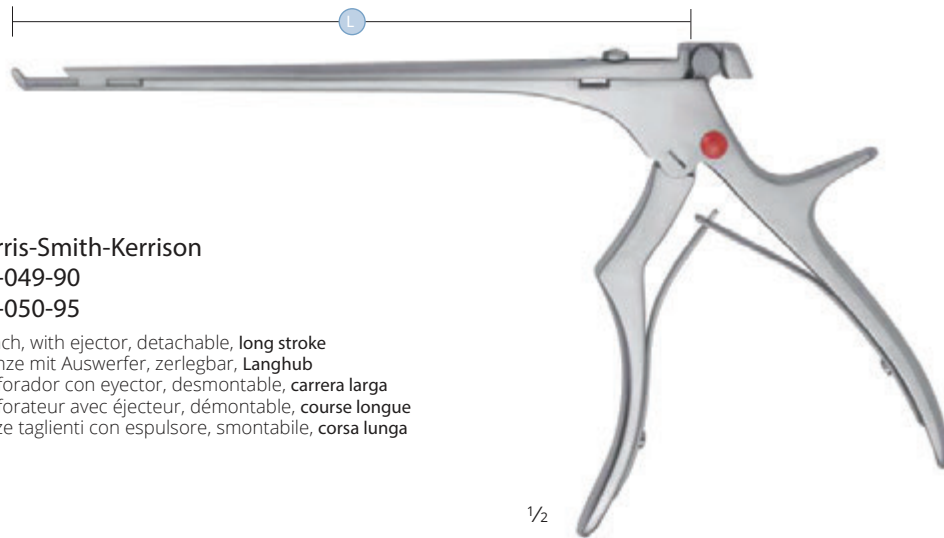
Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

SB

Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



## Ferris-Smith-Kerrison

30-049-90

30-050-95

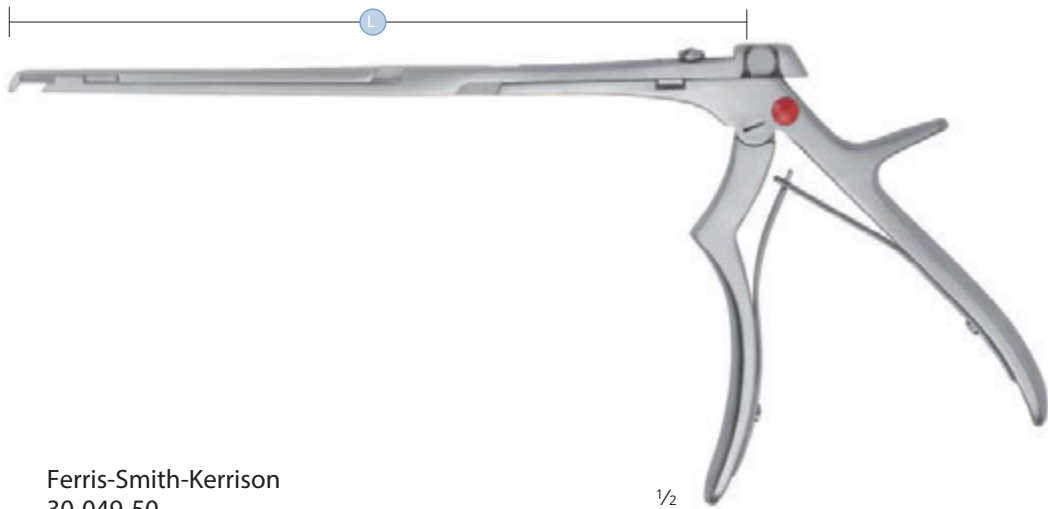
Punch, with ejector, detachable, **long stroke**  
Stanze mit Auswerfer, zerlegbar, **Langhub**  
Perforador con eyector, desmontable, **carrera larga**  
Perforateur avec éjecteur, démontable, **course longue**  
Pinze taglienti con espulsore, smontabile, **corsa lunga**

1/2

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca	40° cutting upward aufwärts schneidend corte arriba tranchant vers le haut tagliante verso l'alto	
	<b>L</b> 18 cm	
1 mm	<b>St</b> 30-049-90 <b>SB</b> 30-050-90	
2 mm	<b>St</b> 30-049-91 <b>SB</b> 30-050-91	
3 mm	<b>St</b> 30-049-92 <b>SB</b> 30-050-92	
4 mm	<b>St</b> 30-049-93 <b>SB</b> 30-050-93	
5 mm	<b>St</b> 30-049-94 <b>SB</b> 30-050-94	
6 mm	<b>St</b> 30-049-95 <b>SB</b> 30-050-95	

## Multi purpose Vascular Clamps

30



### Ferris-Smith-Kerrison

30-049-50

30-050-85

Punch, with ejector, detachable  
 Stanze mit Auswerfer, zerlegbar  
 Perforador con eyector, desmontable  
 Perforateur avec éjecteur, démontable  
 Pinze taglienti con espulsore, smontabile

1/2

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca		40° cutting downward abwärts schneidend desmontable, corte abajo tranchant vers le bas tagliente verso il basso			90° cutting downward abwärts schneidend desmontable, corte abajo tranchant vers le bas tagliente verso il basso			
		L	18 cm	20 cm	23 cm	18 cm	20 cm	23 cm
1 mm	□	St	30-049-50	30-049-52	30-049-54	30-049-51	30-049-53	30-049-55
		SB	30-050-50	30-050-52	30-050-54	30-050-51	30-050-53	30-050-55
2 mm	◻	St	30-049-56	30-049-58	30-049-60	30-049-57	30-049-59	30-049-61
		SB	30-050-56	30-050-58	30-050-60	30-050-57	30-050-59	30-050-61
3 mm	◻	St	30-049-62	30-049-64	30-049-66	30-049-63	30-049-65	30-049-67
		SB	30-050-62	30-050-64	30-050-66	30-050-63	30-050-65	30-050-67
4 mm	◻	St	30-049-68	30-049-70	30-049-72	30-049-69	30-049-71	30-049-73
		SB	30-050-68	30-050-70	30-050-72	30-050-69	30-050-71	30-050-73
5 mm	◻	St	30-049-74	30-049-76	30-049-78	30-049-75	30-049-77	30-049-79
		SB	30-050-74	30-050-76	30-050-78	30-050-75	30-050-77	30-050-79
6 mm	◻	St	30-049-80	30-049-82	30-049-84	30-049-81	30-049-83	30-049-85
		SB	30-050-80	30-050-82	30-050-84	30-050-81	30-050-83	30-050-85

# Peripheral Vascular Clamps

St

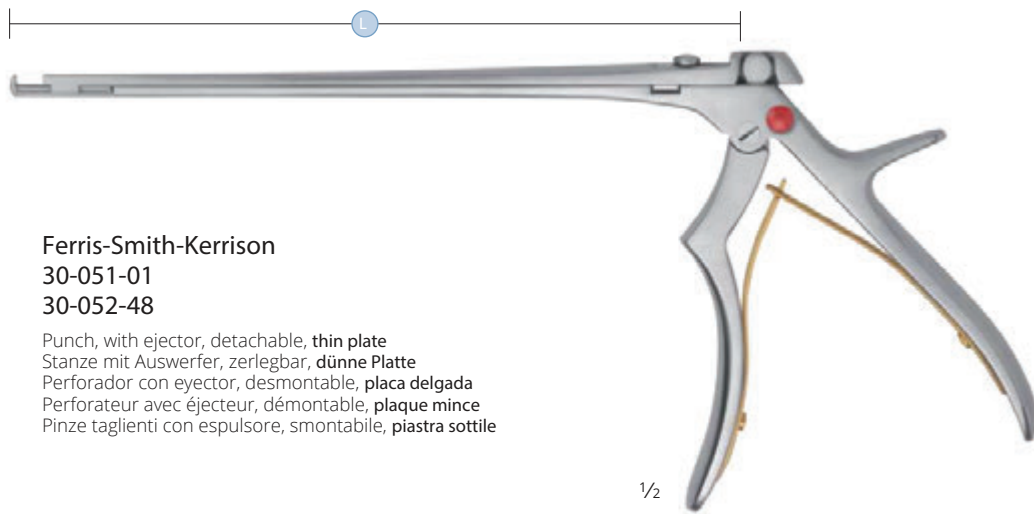
Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

SB

Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



## Ferris-Smith-Kerrison

30-051-01

30-052-48

Punch, with ejector, detachable, **thin plate**  
Stanze mit Auswerfer, zerlegbar, **dünne Platte**  
Perforador con eyector, desmontable, **placa delgada**  
Perforateur avec éjecteur, démontable, **plaque mince**  
Pinze taglianti con espulsore, smontabile, **piastra sottile**

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca	40° cutting upward aufwärts schneidend corte arriba tranchant vers le haut tagliante verso l'alto					90° cutting upward aufwärts schneidend corte arriba tranchant vers le haut tagliante verso l'alto				
	L	18 cm	20 cm	23 cm	28 cm	18 cm	20 cm	23 cm	28 cm	
1 mm	St	30-051-01	30-051-03	30-051-05	30-051-07	30-051-02	30-051-04	30-051-06	30-051-08	
	SB	30-052-01	30-052-03	30-052-05	30-052-07	30-052-02	V30-052-04	30-052-06	30-052-08	
2 mm	St	30-051-09	30-051-11	30-051-13	30-051-15	30-051-10	30-051-12	30-051-14	30-051-16	
	SB	30-052-09	30-052-11	30-052-13	30-052-15	30-052-10	30-052-12	30-052-14	30-052-16	
3 mm	St	30-051-17	30-051-19	30-051-21	30-051-23	30-051-18	30-051-20	30-051-22	30-051-24	
	SB	30-052-17	30-052-19	30-052-21	30-052-23	30-052-18	30-052-20	30-052-22	30-052-24	
4 mm	St	30-051-25	30-051-27	30-051-29	30-051-31	30-051-26	30-051-28	30-051-30	30-051-32	
	SB	30-052-25	30-052-27	30-052-29	30-052-31	30-052-26	30-052-28	30-052-30	30-052-32	
5 mm	St	30-051-33	30-051-35	30-051-37	30-051-39	30-051-34	30-051-36	30-051-38	30-051-40	
	SB	30-052-33	30-052-35	30-052-37	30-052-39	30-052-34	30-052-36	30-052-38	30-052-40	
6 mm	St	30-051-41	30-051-43	30-051-45	V30-051-47	V30-051-42	30-051-44	30-051-46	30-051-48	
	SB	30-052-41	30-052-43	30-052-45	V30-052-47	V30-052-42	30-052-44	30-052-46	30-052-48	

# Profunda Clamps

30

St

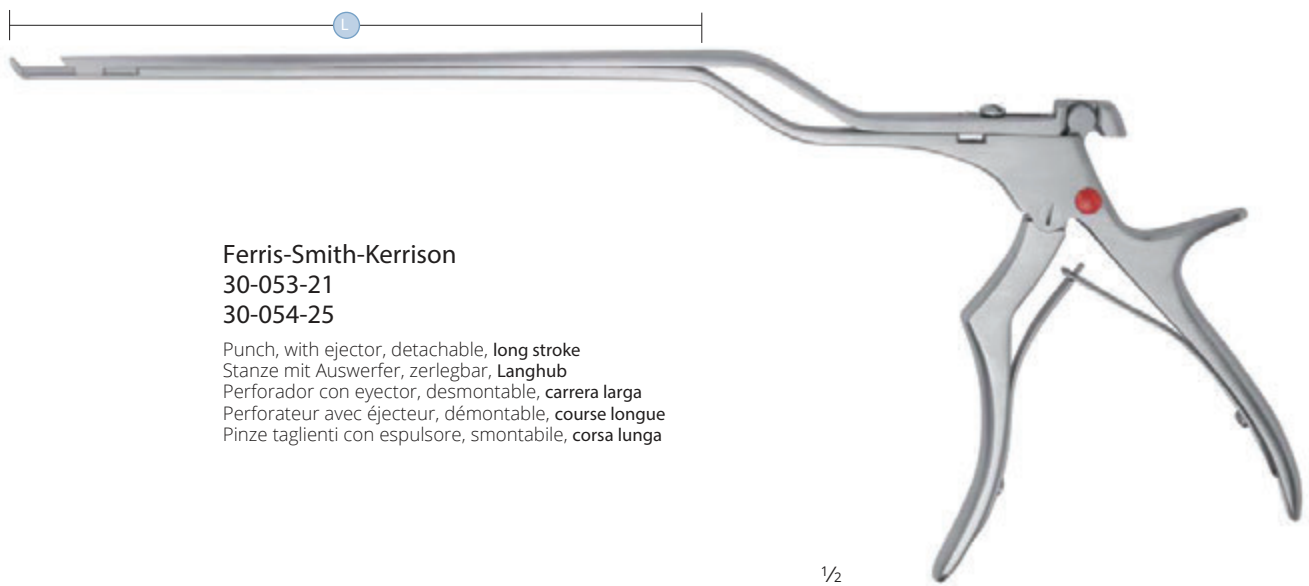
Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

SB

Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



## Ferris-Smith-Kerrison

30-053-21

30-054-25

Punch, with ejector, detachable, **long stroke**  
Stanze mit Auswerfer, zerlegbar, **Langhub**  
Perforador con eyector, desmontable, **carrera larga**  
Perforateur avec éjecteur, démontable, **course longue**  
Pinze taglianti con espulsore, smontabile, **corsa lunga**

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca	40° cutting upward, bayonet aufwärts schneidend, bajonett corte arriba, bayoneta tranchant vers le haut, baïonnette tagliante verso l'alto, baionetta	
	<b>L</b> 18 cm	
1 mm	<b>St</b> 30-053-21	
	<b>SB</b> 30-054-21	
2 mm	<b>St</b> 30-053-22	
	<b>SB</b> 30-054-22	
3 mm	<b>St</b> 30-053-23	
	<b>SB</b> 30-054-23	
4 mm	<b>St</b> 30-053-24	
	<b>SB</b> 30-054-24	
5 mm	<b>St</b> 30-053-25	
	<b>SB</b> 30-054-25	

# Carotid Shunt Clamps

St

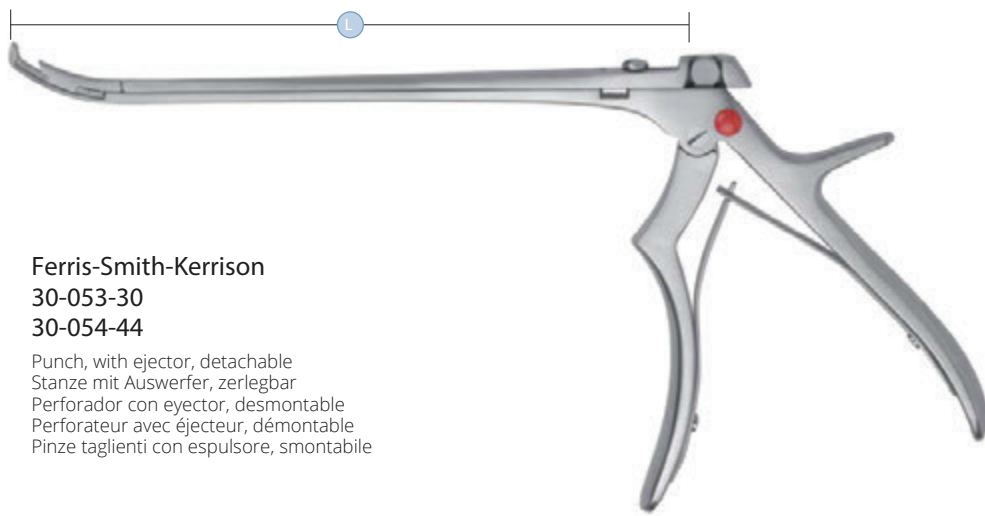
Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

SB

Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



**Ferris-Smith-Kerrison**  
30-053-30  
30-054-44

Punch, with ejector, detachable  
Stanze mit Auswerfer, zerlegbar  
Perforador con eyector, desmontable  
Perfateur avec éjecteur, démontable  
Pinze taglianti con espulsore, smontabile

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca	40° curved upward aufwärts gebogen curvo arriba coudé vers le haut curva verso l'alto		40° curved leftwards links gebogen curvo izquierda coudé à gauche curva a sinistra		40° curved rightwards rechts gebogen curvo derecha coudé à droite curva a destra	
	L	20 cm	20 cm	20 cm		
1 mm	St	30-053-30	30-053-31	30-053-32		
	SB	30-054-30	30-054-31	30-054-32		
2 mm	St	30-053-33	30-053-34	30-053-35		
	SB	30-054-33	30-054-34	30-054-35		
3 mm	St	30-053-36	30-053-37	30-053-38		
	SB	30-054-36	30-054-37	30-054-38		
4 mm	St	30-053-39	30-053-40	30-053-41		
	SB	30-054-39	30-054-40	30-054-41		
5 mm	St	30-053-42	30-053-43	30-053-44		
	SB	30-054-42	30-054-43	30-054-44		

# Peripheral Vascular Clamps

30

St

Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

SB

Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



## Ferris-Smith-Kerrison 30-053-50

Punch, with ejector, detachable  
Stanze mit Auswerfer, zerlegbar  
Perforador con eyector, desmontable  
Perforateur avec éjecteur, démontable  
Pinze taglienti con espulsore, smontabile

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca	40° curved, bayonet gebogen, bajonett curvo, bayoneta coudé, baïonnette curva, baionetta		
	3 mm	L 18 cm	



# Peripheral Vascular Clamps

St

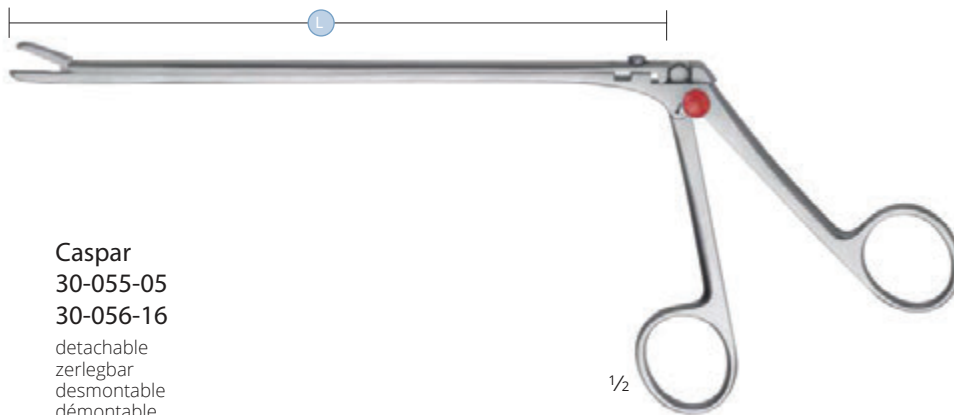
Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

SB





Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



**Caspar**  
30-055-05  
30-056-16  
detachable  
zerlegbar  
desmontable  
démontable  
smontabile

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca	straight gerade recto droit diritto			
	L	15 cm	18 cm	20 cm
2 mm 		30-055-05	30-055-09	30-055-13
		30-056-05	30-056-09	30-056-13
3 mm 		30-055-06	30-055-10	30-055-14
		30-056-06	30-056-10	30-056-14
4 mm 		30-055-07	30-055-11	30-055-15
		30-056-07	30-056-11	30-056-15
5 mm 		30-055-08	30-055-12	30-055-16
		30-056-08	30-056-12	30-056-16

# Aortic Clamps

30

St

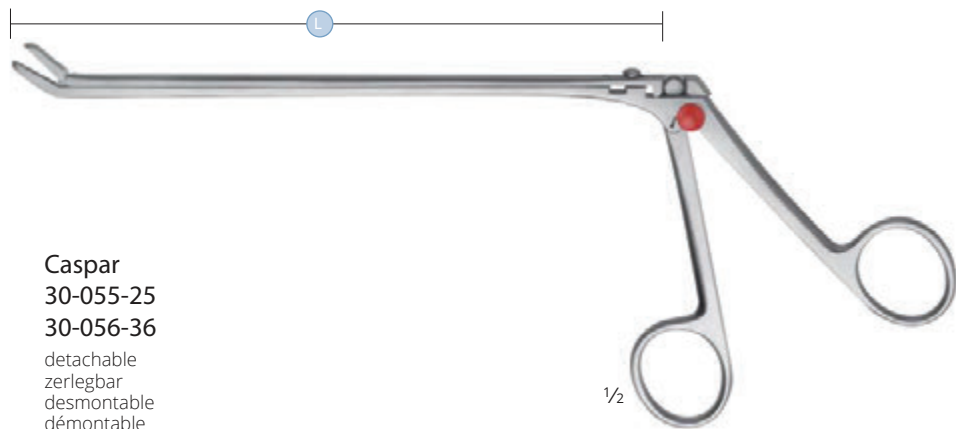
Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

SB





Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



Caspar  
30-055-25  
30-056-36  
detachable  
zerlegbar  
desmontable  
démontable  
smontabile

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca	30° angled upward aufgewinkelt acodado arrib angulé vers le haut angolato verso l'alto			
	L	15 cm	18 cm	20 cm
2 mm 		30-055-25	30-055-29	30-055-33
		30-056-25	30-056-29	30-056-33
3 mm 		30-055-26	30-055-30	30-055-34
		30-056-26	30-056-30	30-056-34
4 mm 		30-055-27	30-055-31	30-055-35
		30-056-27	30-056-31	30-056-35
5 mm 		30-055-28	30-055-32	30-055-36
		30-056-28	30-056-32	30-056-36

# Aortic Clamps

St

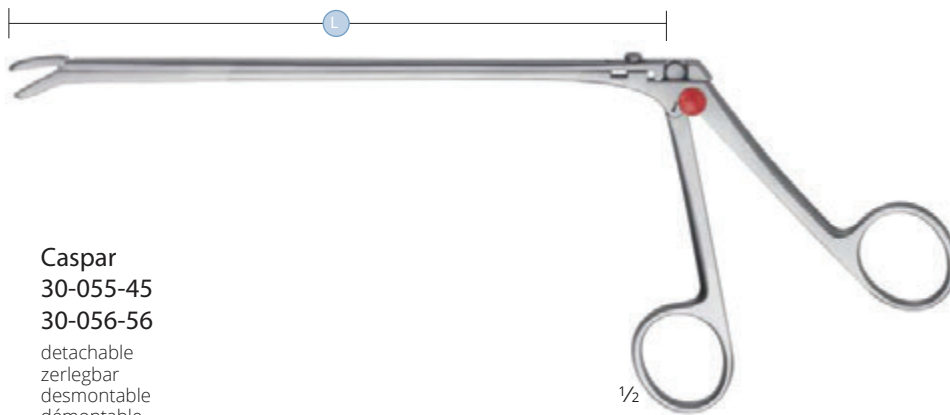
Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

SB





Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

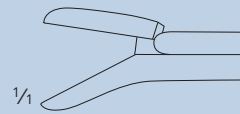
L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



**Caspar**  
30-055-45  
30-056-56  
detachable  
zerlegbar  
desmontable  
démontable  
smontabile

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca	30° angled downward abgewinkelt acodado abajo angulé vers le bas angolato verso il basso			
	L	15 cm	18 cm	20 cm
2 mm 	St	30-055-45	30-055-49	30-055-53
	SB	30-056-45	30-056-49	30-056-53
3 mm 	St	30-055-46	30-055-50	30-055-54
	SB	30-056-46	30-056-50	30-056-54
4 mm 	St	30-055-47	30-055-51	30-055-55
	SB	30-056-47	30-056-51	30-056-55
5 mm 	St	30-055-48	30-055-52	30-055-56
	SB	30-056-48	30-056-52	30-056-56



# Peripheral Vascular Clamps

30

St

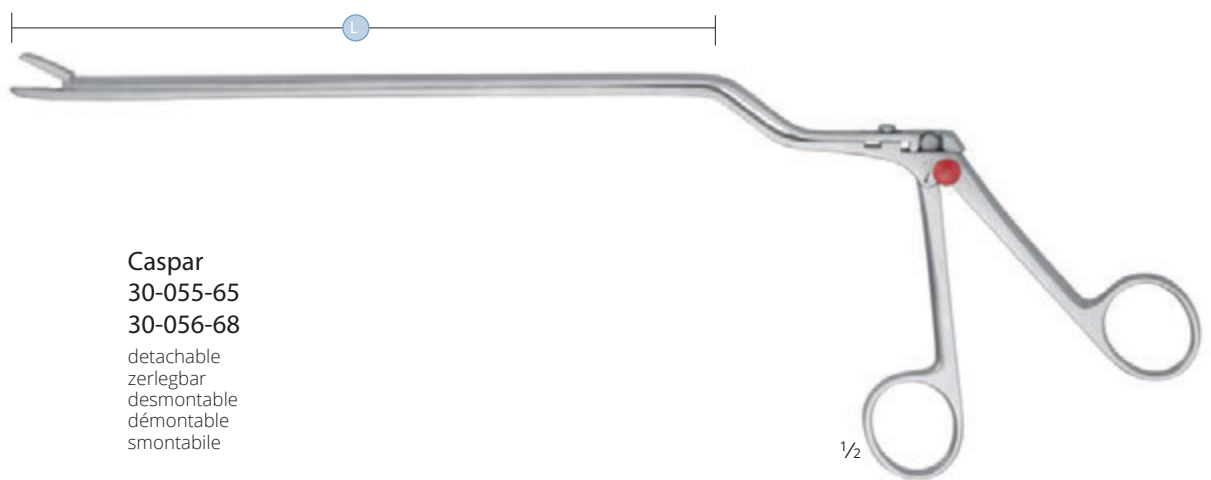
Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

SB

Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



**Caspar**  
30-055-65  
30-056-68  
detachable  
zerlegbar  
desmontable  
démontable  
smontabile

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca	straight, bayonet gerade, bajonett recto, bayoneta droit, baïonnette diritto, baionetta	
2 mm	<b>L</b> 18 cm	
	<b>St</b> 30-055-65	
	<b>SB</b> 30-056-65	
3 mm	<b>St</b> 30-055-66	
	<b>SB</b> 30-056-66	
4 mm	<b>St</b> 30-055-67	
	<b>SB</b> 30-056-67	
5 mm	<b>St</b> 30-055-68	
	<b>SB</b> 30-056-68	

# Catheter Clamps

St

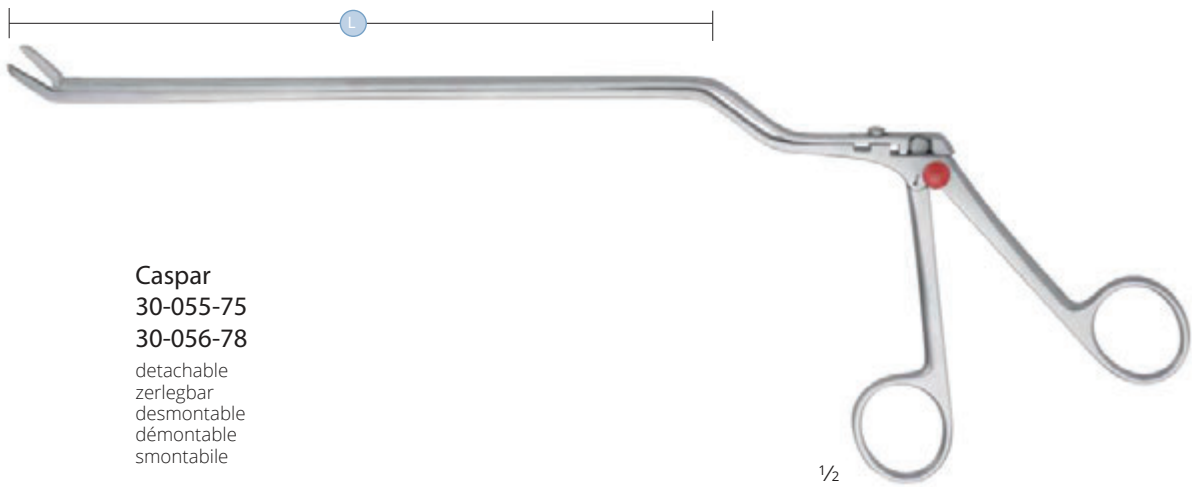
Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

SB

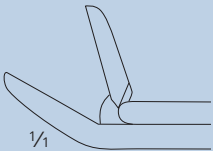




Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



**Caspar**  
**30-055-75**  
**30-056-78**  
detachable  
zerlegbar  
desmontable  
démontable  
smontabile

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca	30° angled upward, bayonet aufgewinkelt, bajonett acodado arriba, bayoneta angulé vers le haut, baïonnette angolato verso l'alto, baionetta		<b>L</b>	<b>18 cm</b>
			St	30-055-75
2 mm 			SB	30-056-75
3 mm 			St	30-055-76
			SB	30-056-76
4 mm 			St	30-055-77
			SB	30-056-77
5 mm 			St	30-055-78
			SB	30-056-78

# Vascular Forceps

30

St

Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

SB


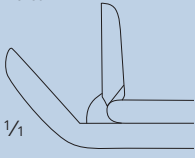
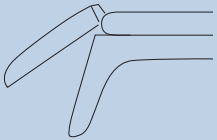
Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



Caspar  
30-055-80  
30-056-83  
detachable  
zerlegbar  
desmontable  
démontable  
smontabile

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca  4 mm 	50° angled upward aufgewinkelt acodado arrib angulé vers le haut angolato verso l'alto  		50° angled downward abgewinkelt acodado abajo angulé vers le bas angolato verso il basso  	
	L 18 cm St 30-055-80 SB 30-056-80	L 30 cm St 30-055-81 SB 30-056-81	L 18 cm St 30-055-82 SB 30-056-82	L 30 cm St 30-055-83 SB 30-056-83

# Bulldog Clamps

St

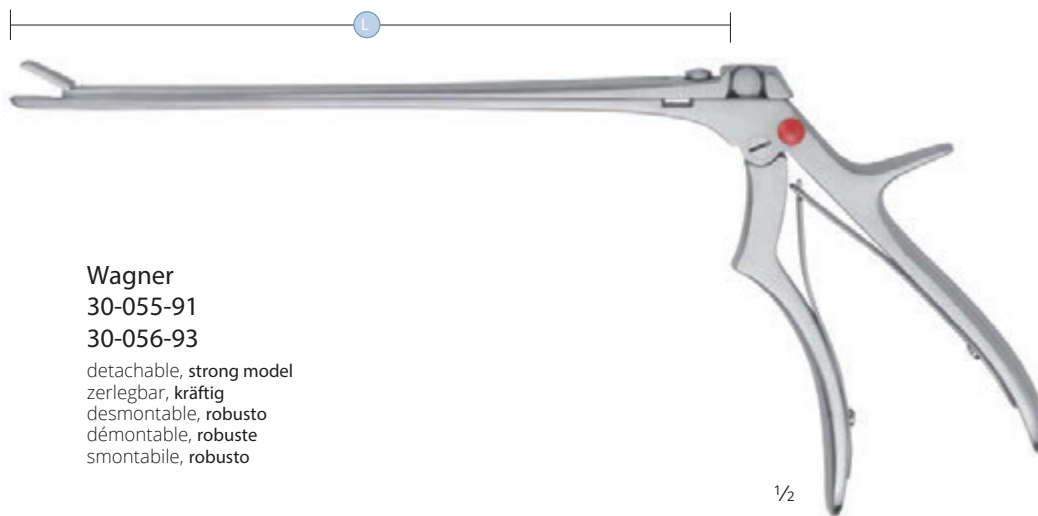
Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

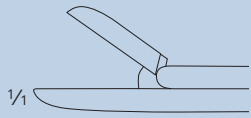
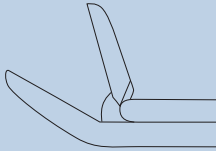
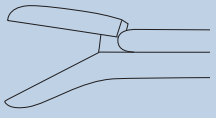



SB

Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo

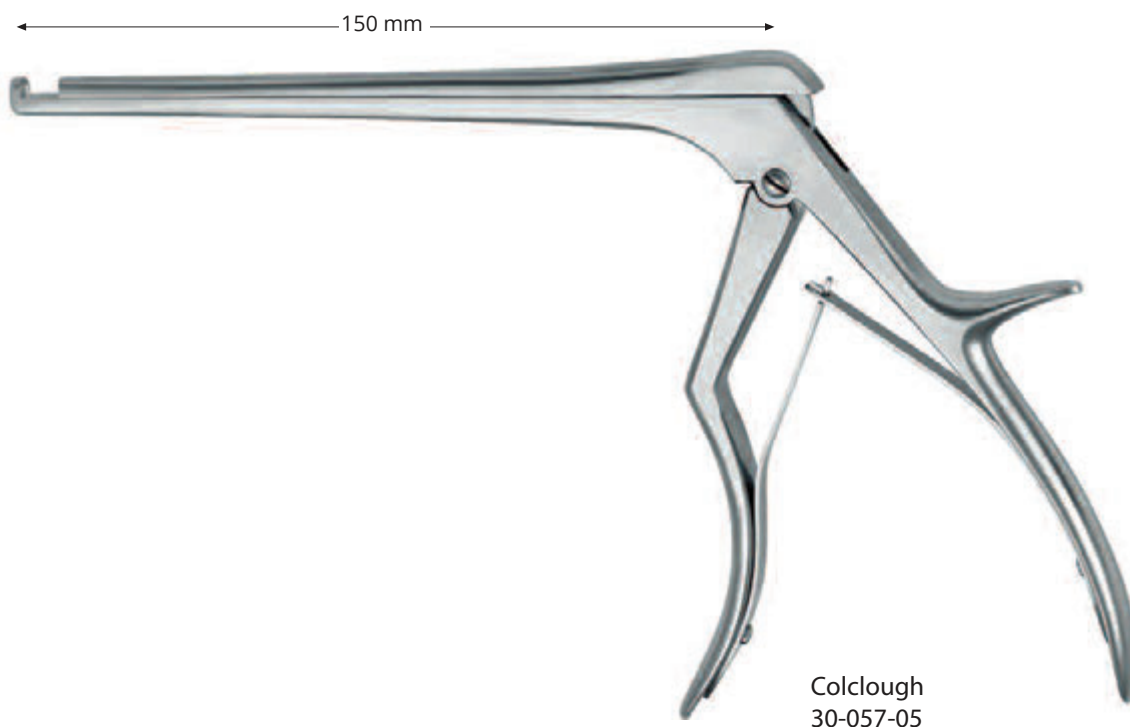


Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca		straight gerade recto droit diritto	50° angled upward aufgewinkelt acodado arrib angulé vers le haut angolato verso l'alto		50° angled downward abgewinkelt acodado abajo angulé vers le bas angolato verso il basso	
						
3 mm 	L	20 cm	20 cm	30 cm	20 cm	30 cm
	St	30-055-91				
	SB	30-056-91				
4 mm 	St	30-055-92	30-055-84	30-055-85	30-055-86	30-055-87
	SB	30-056-92	30-056-84	30-056-85	30-056-86	30-056-87
5 mm 	St	30-055-93				
	SB	30-056-93				

## Bulldog Clamps

30

Shaft length Schaftlänge Longitud del vástago Longueur du tige Lunghezza del gambo	150 mm / 6"
Width of bite Bissbreite Anchura de la boca Largeur des mors Larghezza del morso	5 mm
Art.-Nr. Cat. No. No. de art. N° d'article No. di art	30-057-05



Colclough  
30-057-05



# Coarctation Clamps

St

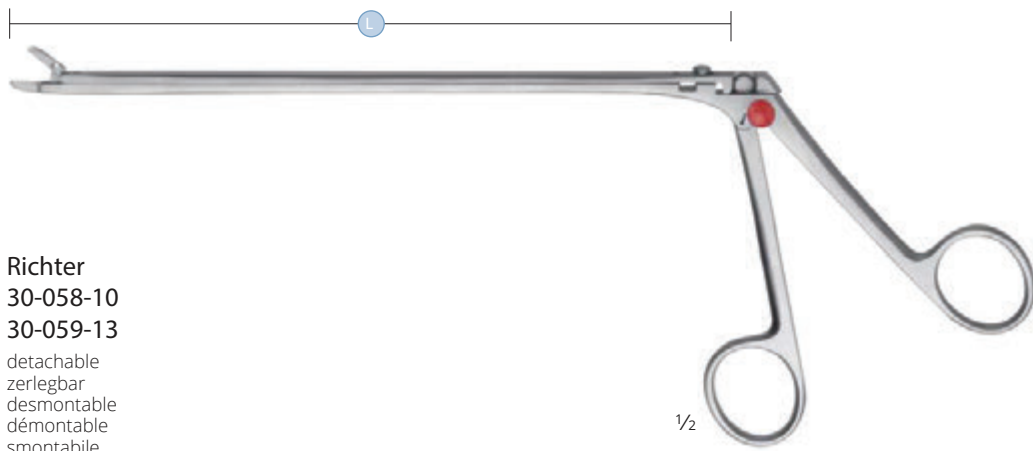
Stainless steel  
Edelstahl  
Acero inoxidable  
Acier inoxydable  
Acciaio inossidabile

SB

Solid Black  
Hartstoffbeschichtung (für eine längere Standzeit)  
Hard-coated surface (for extended life)  
Recubrimiento con material duro (para una vida útil más larga)  
Revêtement à surface dure (pour une durée de vie prolongée)  
Rivestimento in materiale rigido (per una più lunga durata)

L

Shaft length  
Schaftlänge  
Longitud del vástago  
Longueur du tige  
Lunghezza del gambo



Richter  
30-058-10  
30-059-13  
detachable  
zerlegbar  
desmontable  
démontable  
smontabile

Jaw width Maulbreite Anchura de la boca Largeur de mors Larghezza della bocca	straight gerade recto droit diritto		30° angled upward aufgewinkelt acodado arrib angulé vers le haut angolato verso l'alto	
1,0 mm	L 18 cm	18 cm	St 30-058-10	30-058-11
	SB 30-059-10		SB 30-059-10	30-059-11
1,5 mm	St 30-058-12		St 30-058-13	
	SB 30-059-12		SB 30-059-13	

## Anastomosis Clamps, Ligature Forceps

30



Shaft length Schaftlänge Longitud del vástago Longueur du tige Lunghezza del gambo	150 mm / 6"	180 mm / 8"	150 mm / 6"	180 mm / 8"
Width of bite Bissbreite Anchura de la boca Largeur des mors Larghezza del morso	3 mm	3 mm	5 mm	5 mm
Art.-Nr. Cat. No. No. de art. N° d'article No. di art	30-060-03	30-061-03	30-060-05	30-061-05

← 150 mm →



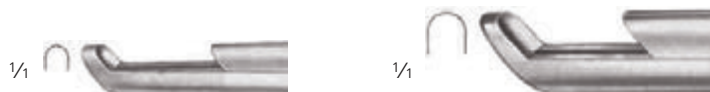
Colclough  
30-060-03  
30-060-05

← 180 mm →

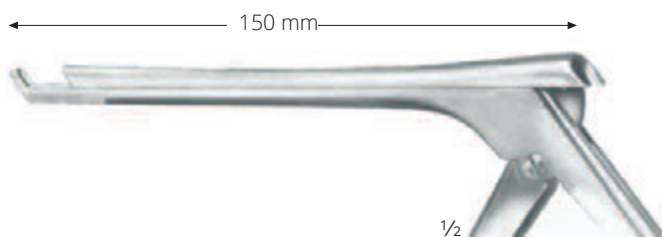


Colclough  
30-061-03  
30-061-05

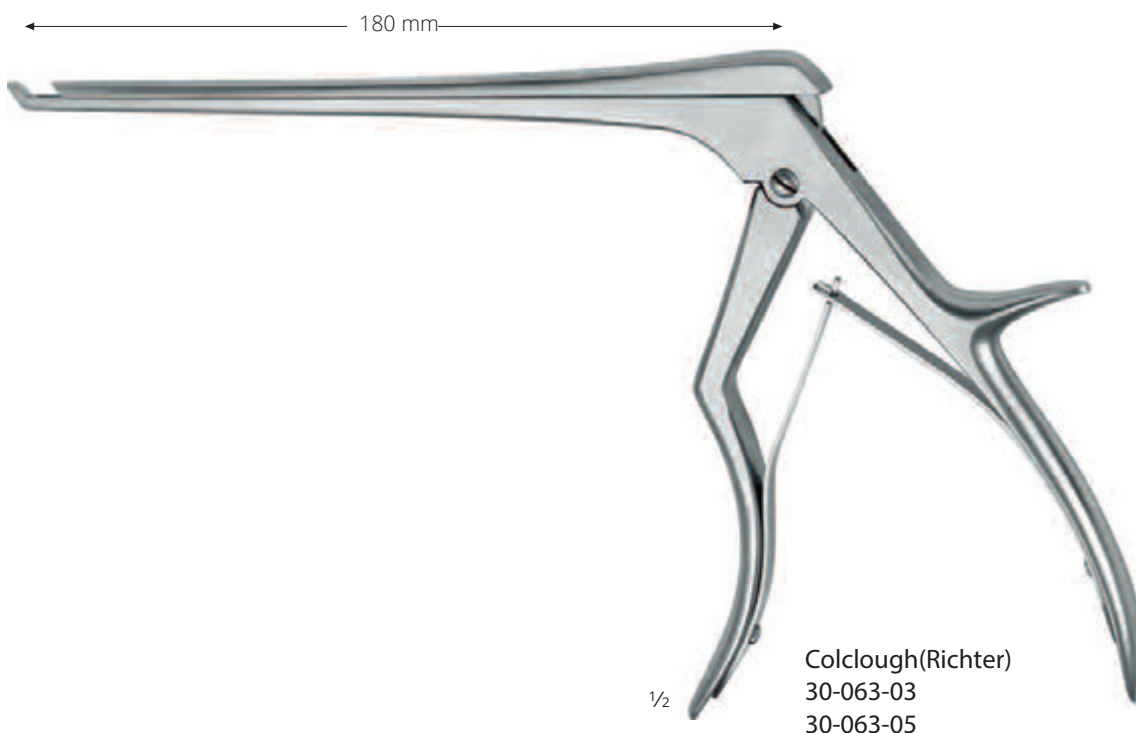
## Peripheral Vascular Clamps



Shaft length Schaftlänge Longitud del vástago Longueur du tige Lunghezza del gambo	150 mm / 6"	180 mm / 8"	150 mm / 6"	180 mm / 8"
Width of bite Bissbreite Anchura de la boca Largeur des mors Larghezza del morso	3 mm	3 mm	5 mm	5 mm
Art.-Nr. Cat. No. No. de art. N° d'article No. di art	30-062-03	30-063-03	30-062-05	30-063-05



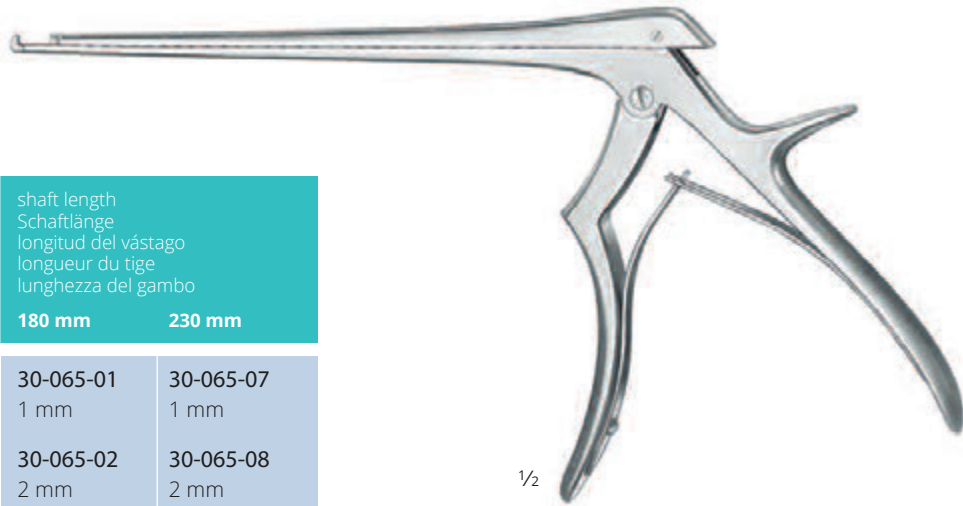
Colclough(Richter)  
30-062-03  
30-062-05



Colclough(Richter)  
30-063-03  
30-063-05

# Peripheral Vascular Clamps

30



Ferris-Smith Kerrison  
30-065-01  
30-067-12

upwards cutting aufwärts schneidend cortante hacia arriba tranchant vers le haut tagliente in alto	shaft length Schaftlänge longitud del vástago longueur du tige lunghezza del gambo
	<b>180 mm      230 mm</b>

	30-065-01 1 mm	30-065-07 1 mm
	30-065-02 2 mm	30-065-08 2 mm
	30-065-03 3 mm	30-065-09 3 mm
	30-065-04 4 mm	30-065-10 4 mm
	30-065-05 5 mm	30-065-11 5 mm
	30-065-06 6 mm	30-065-12 6 mm

downwards cuttings nach unten schneidend cortante hacia abajo tranchant vers le bas tagliente in basso	shaft length Schaftlänge longitud del vástago longueur du tige lunghezza del gambo
<b>40°</b>	<b>180 mm</b>

	30-064-03 3 mm
--	-------------------

downwards cuttings nach unten schneidend cortante hacia abajo tranchant vers le bas tagliente in basso	shaft length Schaftlänge longitud del vástago longueur du tige lunghezza del gambo
	<b>180 mm      230 mm</b>

	30-066-01 1 mm	30-066-07 1 mm
	30-066-02 2 mm	30-066-08 2 mm
	30-066-03 3 mm	30-066-09 3 mm
	30-066-04 4 mm	30-066-10 4 mm
	30-066-05 5 mm	30-066-11 5 mm
	30-066-06 6 mm	30-066-12 6 mm

upwards cutting nach oben schneidend cortante hacia arriba tranchant vers le haut tagliente in alto	shaft length Schaftlänge longitud del vástago longueur du tige lunghezza del gambo
<b>40°</b>	<b>180 mm      230 mm</b>

	30-067-01 1 mm	30-067-07 1 mm
	30-067-02 2 mm	30-067-08 2 mm
	30-067-03 3 mm	30-067-09 3 mm
	30-067-04 4 mm	30-067-10 4 mm
	30-067-05 5 mm	30-067-11 5 mm
	30-067-06 6 mm	30-067-12 6 mm

## Multi purpose Vascular Clamps



Ferris-Smith Kerrison

30-065-13

30-067-24

demountable  
zerlegbar  
plegable  
démontable  
smontabile

upwards cutting aufwärts schneidend cortante hacia arriba tranchant vers le haut tagliente in alto	shaft length Schaftlänge longitud del vástago longueur du tige lunghezza del gambo	
	180 mm	230 mm
	30-065-13 1 mm	30-065-19 1 mm
	30-065-14 2 mm	30-065-20 2 mm
	30-065-15 3 mm	30-065-21 3 mm
	30-065-16 4 mm	30-065-22 4 mm
	30-065-17 5 mm	30-065-23 5 mm
	30-065-18 6 mm	30-065-24 6 mm

upwards cutting nach oben schneidend cortante hacia arriba tranchant vers le haut tagliente in alto	shaft length Schaftlänge longitud del vástago longueur du tige lunghezza del gambo	
	180 mm	230 mm
	30-067-13 1 mm	30-067-19 1 mm
	30-067-14 2 mm	30-067-20 2 mm
	30-067-15 3 mm	30-067-21 3 mm
	30-067-16 4 mm	30-067-22 4 mm
	30-067-17 5 mm	30-067-23 5 mm
	30-067-18 6 mm	30-067-24 6 mm

# Multi purpose Vascular Clamps

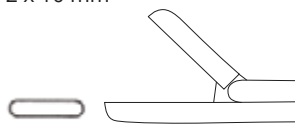


\*  
Schaftlänge  
shaft length  
longitud del vástago  
longueur du tige  
lunghezza del gambo

## Cushing

2 x 10 mm

straight  
gerade  
recta  
droite  
diritta



\*

30-068-01	=	120 mm
30-068-02	=	150 mm
30-068-03	=	180 mm

## Cushing

2 x 10 mm

upwards  
nach oben  
hacia arriba  
vers le haut  
in alto



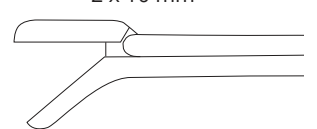
\*

30-069-01	=	120 mm
30-069-02	=	150 mm
30-069-03	=	180 mm

## Cushing

2 x 10 mm

downwards  
nach unten  
hacia abajo  
vers le bas  
in basso



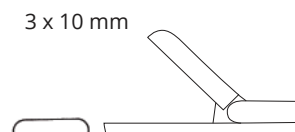
\*

30-070-01	=	120 mm
30-070-02	=	150 mm
30-070-03	=	180 mm

## Love-Gruenwald

3 x 10 mm

straight  
gerade  
recta  
droite  
diritta



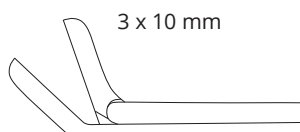
\*

30-068-04	=	120 mm
30-068-05	=	150 mm
30-068-06	=	180 mm

## Love-Gruenwald

3 x 10 mm

upwards  
nach oben  
hacia arriba  
vers le haut  
in alto



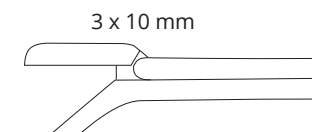
\*

30-069-04	=	120 mm
30-069-05	=	150 mm
30-069-06	=	180 mm

## Love-Gruenwald

3 x 10 mm

downwards  
nach unten  
hacia abajo  
vers le bas  
in basso



\*

30-070-04	=	120 mm
30-070-05	=	150 mm
30-070-06	=	180 mm

## Spurling

4 x 10 mm

straight  
gerade  
recta  
droite  
diritta



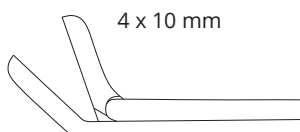
\*

30-068-07	=	120 mm
30-068-08	=	150 mm
30-068-09	=	180 mm

## Spurling

4 x 10 mm

upwards  
nach oben  
hacia arriba  
vers le haut  
in alto



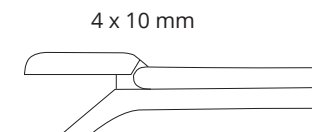
\*

30-069-07	=	120 mm
30-069-08	=	150 mm
30-069-09	=	180 mm

## Spurling

4 x 10 mm

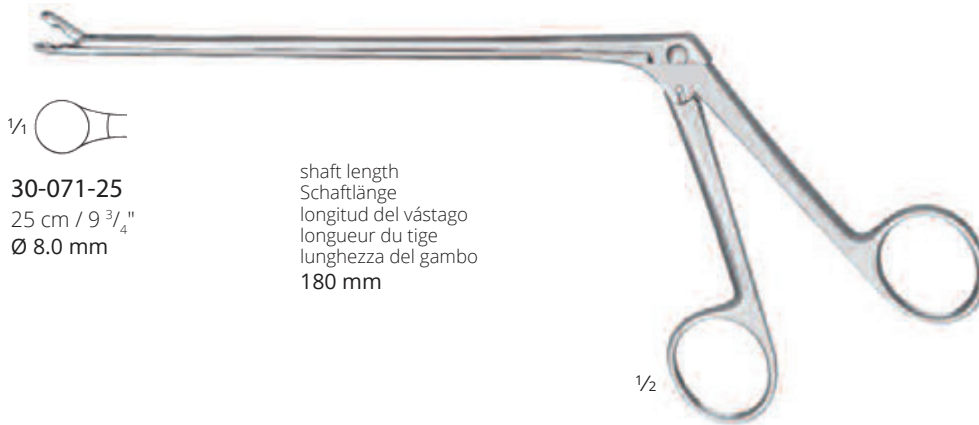
downwards  
nach unten  
hacia abajo  
vers le bas  
in basso



\*

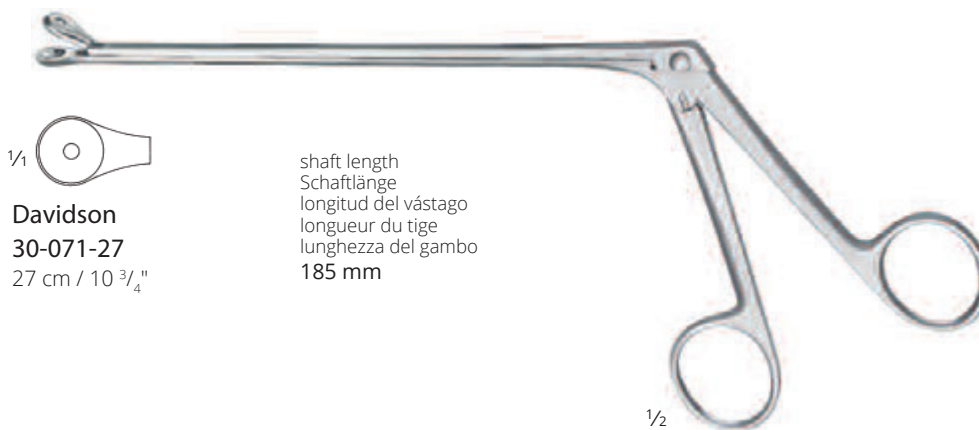
30-070-07	=	120 mm
30-070-08	=	150 mm
30-070-09	=	180 mm

## Pituitary forceps



**30-071-25**  
25 cm / 9 <sup>3</sup>/<sub>4</sub>"  
Ø 8.0 mm

shaft length  
Schaftlänge  
longitud del vástago  
longueur du tige  
lunghezza del gambo  
**180 mm**



**Davidson**  
**30-071-27**  
27 cm / 10 <sup>3</sup>/<sub>4</sub>"

shaft length  
Schaftlänge  
longitud del vástago  
longueur du tige  
lunghezza del gambo  
**185 mm**



**Yasargil**  
**30-072-25**  
25,5 cm / 10"  
Ø 3,4 mm

shaft length  
Schaftlänge  
longitud del vástago  
longueur du tige  
lunghezza del gambo  
**185 mm**

**Yasargil**  
**30-073-25**  
25,5 cm / 10"  
Ø 2,2 mm

shaft length  
Schaftlänge  
longitud del vástago  
longueur du tige  
lunghezza del gambo  
**195 mm**



32

# Tracheotomy

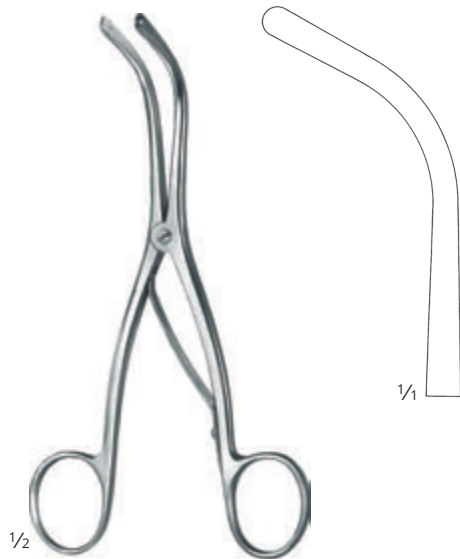


## Tracheal Dilators



1/2

**Laborde**  
32-001-14  
14 cm / 5 4/8"



1/2

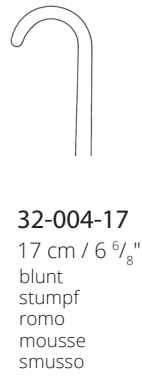
**Trousseau**  
32-002-12 12 cm / 4.72"  
32-002-14 14.5 cm / 5.7"

## Tracheal Hooks

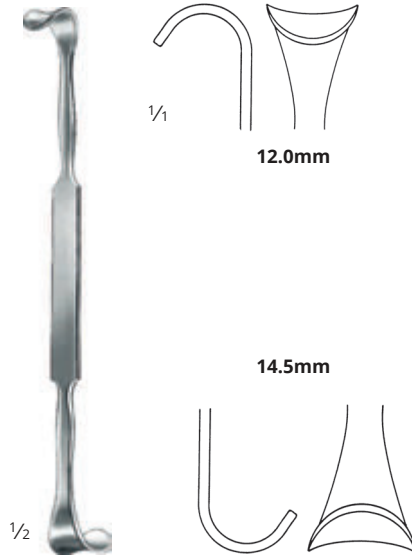


**32-003-17**  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"  
sharp  
scharf  
agudo  
pointu  
acuto

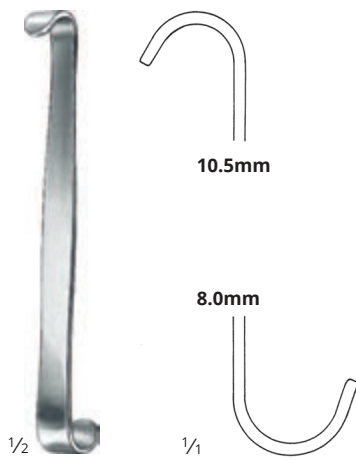
**Iterson**  
32-003-17  
32-004-17



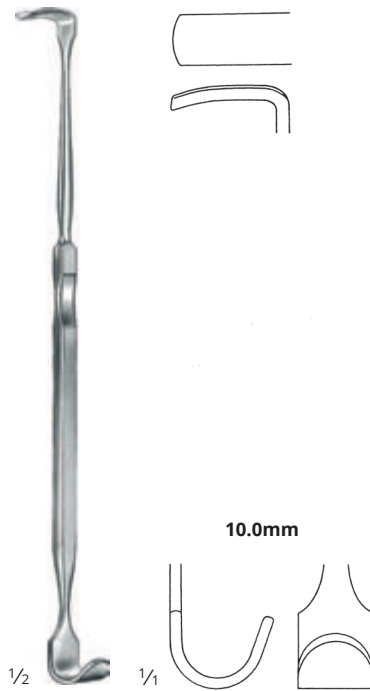
**32-004-17**  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"  
blunt  
stumpf  
romo  
mousse  
smusso



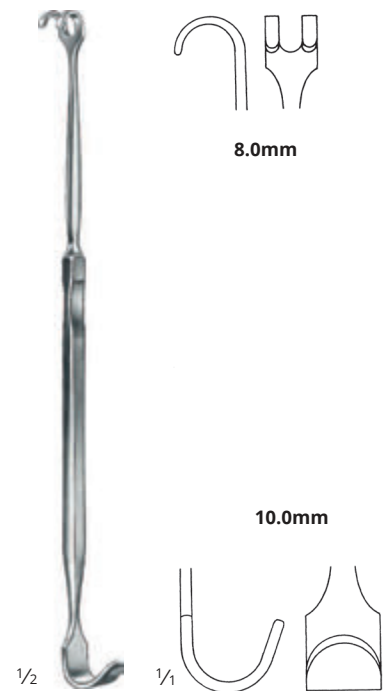
**Rose**  
32-005-15  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub>"



**Luer**  
32-006-11  
11 cm / 4 <sup>3</sup>/<sub>8</sub>"

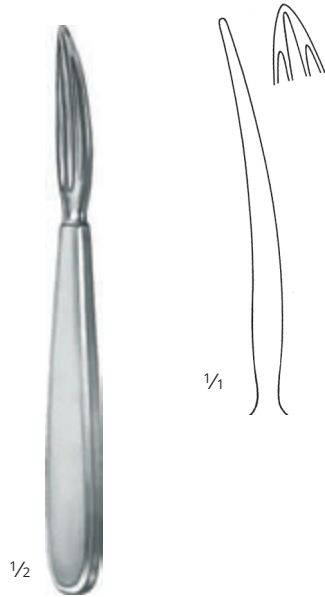


**Lukens**  
32-007-17  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"

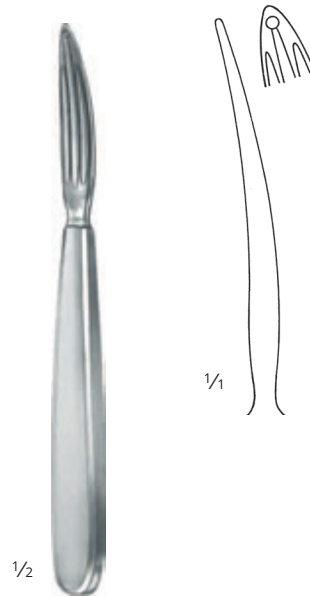


**Jackson**  
32-008-17  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"

# Cleaning Brush, Goitre Enucleator, Goitre Grasping Forceps



**Kocher**  
32-009-15  
15.5 cm / 6 1/8"



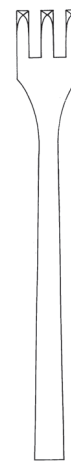
**Kocher**  
32-010-15  
15.5 cm / 6 1/8"  
with eye  
mit Loch  
con agujero  
avec trou  
con foro



**Lahey**  
32-011-15  
32-011-20



**32-011-15**  
15.5 cm / 6 1/8"



**32-011-20**  
20 cm / 7 7/8"





34

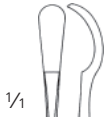
# Dermatology

## Milium Knife, Lupus Instruments



1/2

**Vidal**  
34-001-13  
13 cm / 5 1/8"



Lupusschaber  
Lupus Scraper  
Rascador para lupus  
Rugine pour les lupus  
Raschiatoio per lupus



1/2

**Fox**  
34-002-01  
34-002-04



1/4

Fig. 1  
**34-002-01**  
14 cm / 5 4/8"



Fig. 2  
**34-002-02**  
14 cm / 5 4/8"



Fig. 3  
**34-002-03**  
14 cm / 5 4/8"

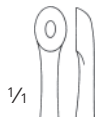


Fig. 4  
**34-002-04**  
14 cm / 5 4/8"



1/2

**Wolff**  
34-003-01  
34-003-06



1/4



Fig. 1  
**34-003-01**  
14 cm / 5 4/8"



Fig. 2  
**34-003-02**  
14 cm / 5 4/8"



Fig. 3  
**34-003-03**  
14 cm / 5 4/8"



Fig. 4  
**34-003-04**  
14 cm / 5 4/8"



Fig. 5  
**34-003-05**  
14 cm / 5 4/8"



Fig. 6  
**34-003-06**  
14 cm / 5 4/8"

# Skin Hooklets, Dermal Punches

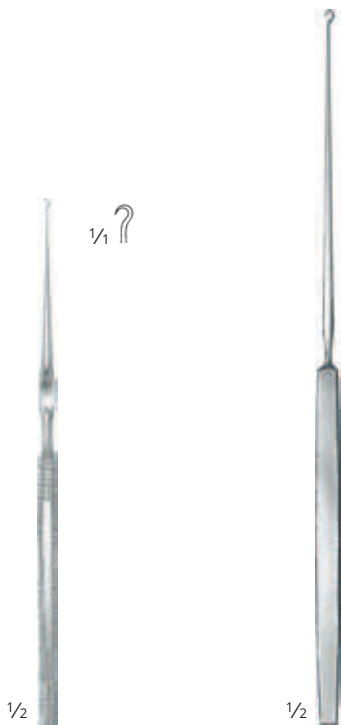


Fig.1  
**34-005-18**  
 small curvature, sharp  
 kleine Biegung, scharf  
 curva pequeña, agudo  
 courbure petite, aiguë  
 curva piccola, acuto

Fig.2  
**34-006-18**  
 large curvature, sharp  
 große Biegung, scharf  
 curva larga, agudo  
 courbure grande, aiguë  
 curva grande, acuto



**34-007-03**  
 13 cm / 5 1/8"

**34-007-04**  
 13 cm / 5 1/8"



34-009-02  
 34-009-12

**Kilner**  
**34-004-15**  
 14.5 cm / 5 6/8"  
 sharp  
 scharf  
 agudo  
 pointu  
 acuto

**Gillies**  
**34-005-18**  
**34-006-18**  
 18 cm / 7 1/8"

**Gillies**  
**34-007-03**  
**34-007-04**

**34-008-00**  
 8 cm / 3 1/8"  
 Handle  
 Griff für Hauttrephinen  
 Mango  
 Manche  
 Manico



34-009-02  
 Ø 2.0 mm

34-009-04  
 Ø 4.0 mm

34-009-06  
 Ø 6.0 mm

34-009-08  
 Ø 8.0 mm

34-009-10  
 Ø 10 mm

34-009-12  
 Ø 12 mm

**34-009-02**  
**34-009-12**  
 5.5 cm / 2 1/8"

# Dermal Punches

$\frac{1}{4}$  ○

**34-010-02**  
Ø 2.0 mm

○

**34-010-03**  
Ø 3.0 mm

○

**34-010-04**  
Ø 4.0 mm

$\frac{1}{2}$  ○

**34-010-05**  
Ø 5.0 mm

○

**34-010-06**  
Ø 6.0 mm

○

**34-010-07**  
Ø 7.0 mm

○

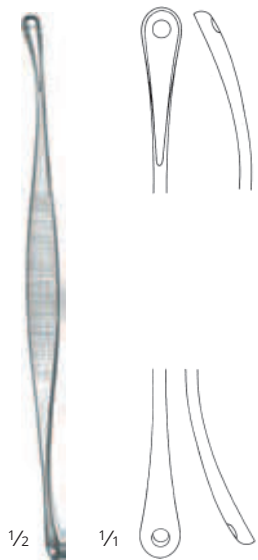
**34-010-08**  
Ø 8.0 mm



$\frac{1}{2}$

## Comedone Extractors

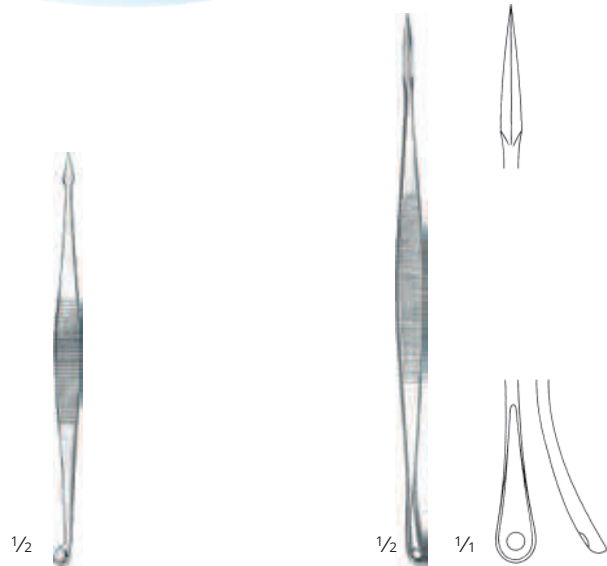
34



Unna  
34-011-14  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"

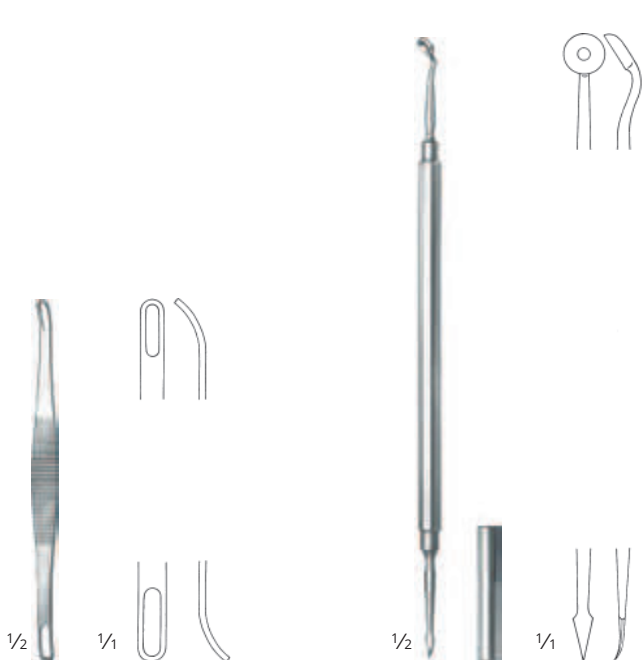


Unna  
34-012-14  
14 cm / 5 <sup>4</sup>/<sub>8</sub>"



Saalfeld  
34-013-11  
11 cm / 4 <sup>3</sup>/<sub>8</sub>"

Saalfeld  
34-014-14  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"



Schamberg  
34-015-10  
9.5 cm / 3 <sup>6</sup>/<sub>8</sub>"

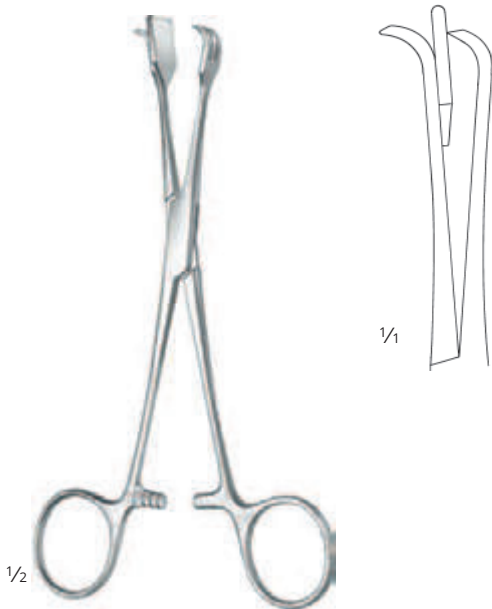
Katsch  
34-016-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



Unna-Vidal  
34-017-11  
11 cm / 4 <sup>3</sup>/<sub>8</sub>"

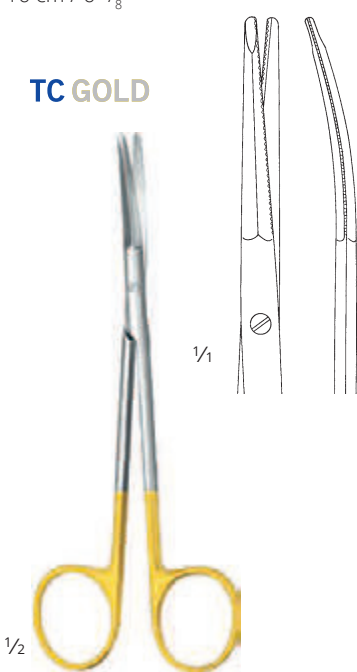


## Face-lift Forceps, Face-lift Scissors

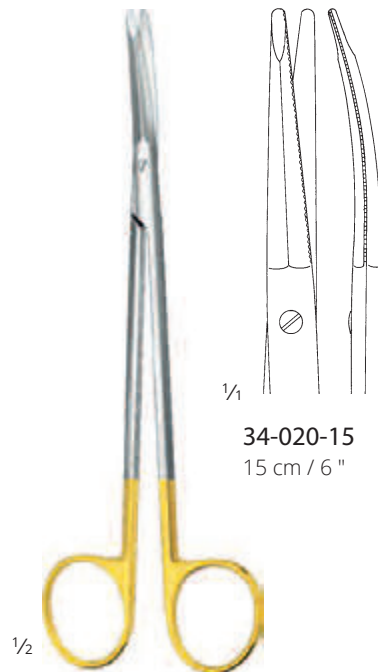


**d'Assumpção**  
34-018-16  
16 cm / 6 2/8"

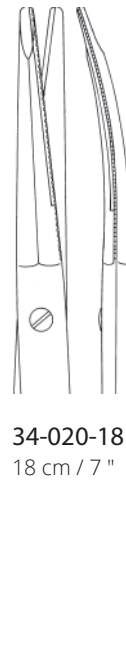
### TC GOLD



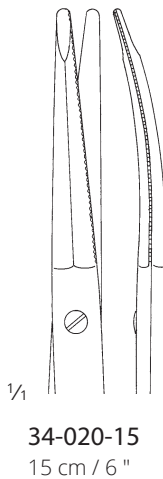
**Gregory**  
34-019-14  
14.5 cm / 5 6/8"  
toothed  
gezahnt  
dentada  
dentelés  
dentate



**Kaye**  
34-020-15  
34-020-18  
one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata



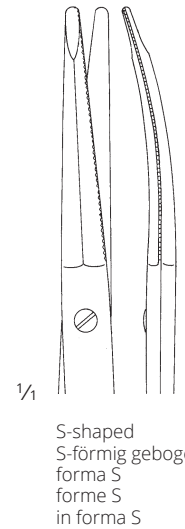
**Stella-S**  
34-021-18  
18 cm / 7 "  
one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata



34-020-15  
15 cm / 6 "



34-020-18  
18 cm / 7 "

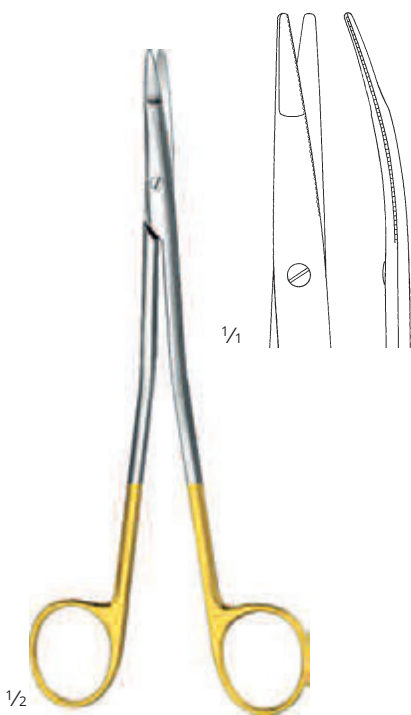


S-shaped  
S-förmig gebogen  
forma S  
forme S  
in forma S

## Face-lift Scissors

34

### TC GOLD

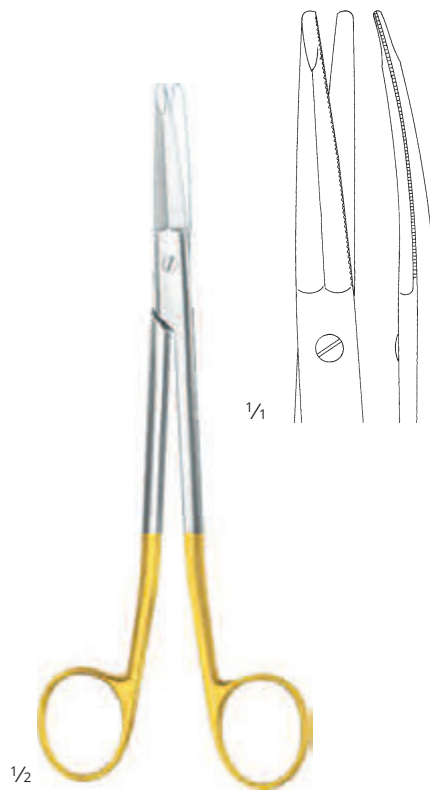


#### Gregory

34-022-18

17.5 cm / 6 <sup>6</sup>/<sub>8</sub> "

one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata

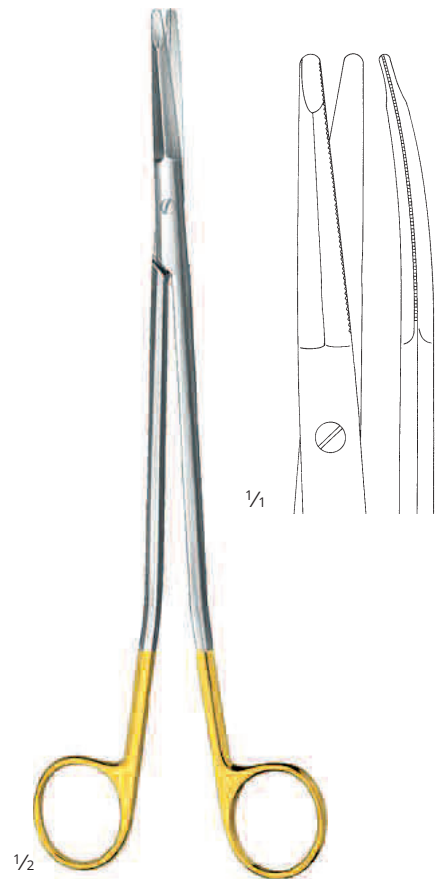


#### Freeman-Kaye

34-023-18

18 cm / 7 "

one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata



#### Freeman

34-024-23

23 cm / 9 "

one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata



36

# **Stomach, Intestines, Rectum**

# Intestinal and Tissue Grasping Forceps



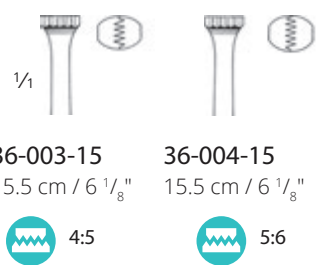
**Allis-Baby**  
36-001-13  
13 cm / 5 1/8"



**Allis**  
36-002-15  
15.5 cm / 6 1/8"



**Allis**  
36-003-15  
36-006-25



**36-003-15**  
15.5 cm / 6 1/8"

**36-004-15**  
15.5 cm / 6 1/8"



**36-005-19**  
19 cm / 7 4/8"

**36-006-25**  
25.5 cm / 10"

## Atrauma



**Allis**  
36-007-16  
36-007-30



**36-007-16**  
15.5 cm / 6 1/8"



**36-007-20**  
20 cm / 7 7/8"

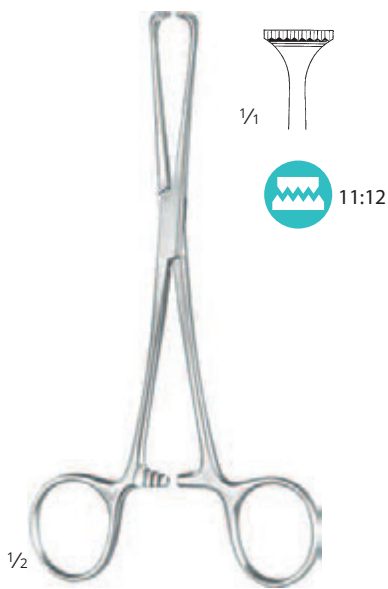


**36-007-25**  
24.5 cm / 9 5/8"

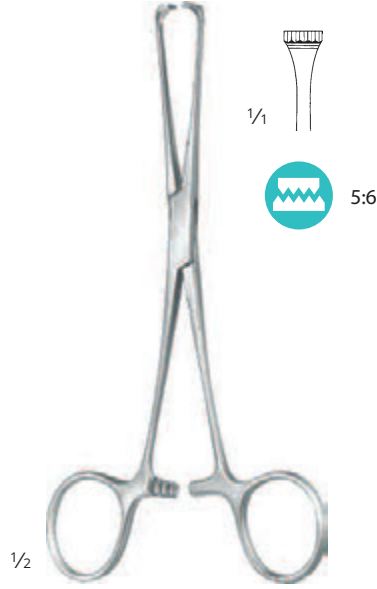


**36-007-30**  
30 cm / 11 6/8"

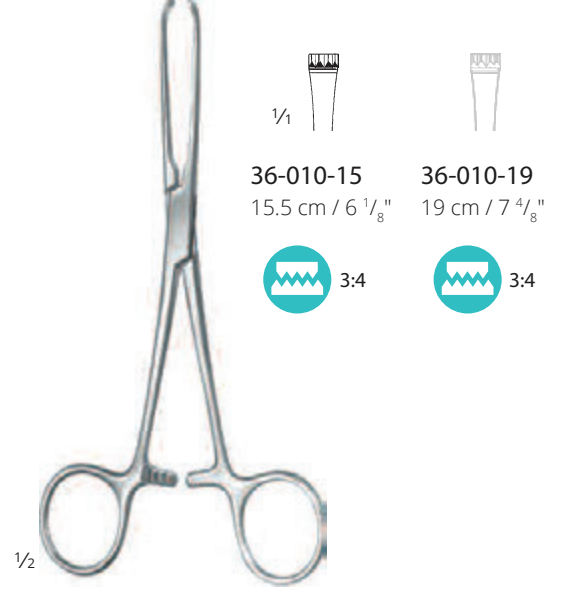
# Intestinal and Tissue Grasping Forceps



**Allis-Adair**  
36-008-15  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



**Boys-Allis**  
36-009-15  
15.5 cm / 6"



**Allis-Adair**  
36-010-15  
36-010-19

36-010-15  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub>"

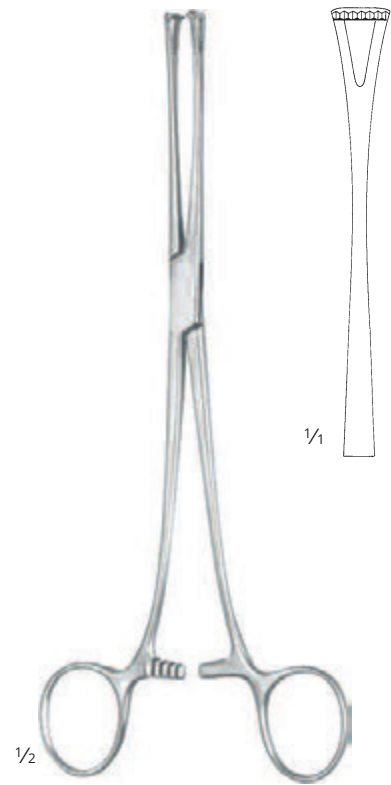
36-010-19  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"



**Thoms-Allis**  
36-011-20  
20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"



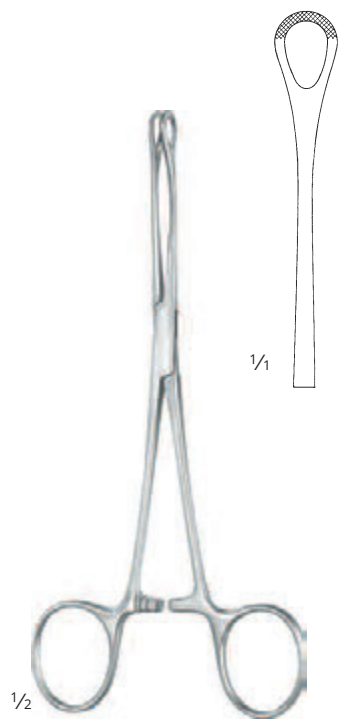
**Allis**  
36-012-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"



**Lockwood**  
36-013-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub>"

# Intestinal and Tissue Grasping Forceps

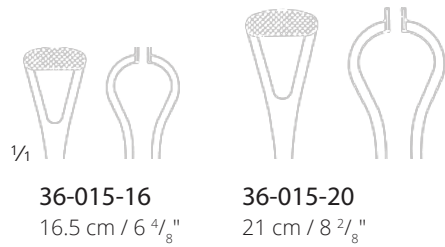
## TC GOLD



**Williams**  
 36-014-16  
 16.5 cm / 6 4/8"



**Babcock**  
 36-015-16  
 36-015-20



## Intestinal and Tissue Grasping Forceps



1/2  
Babcock  
36-016-16  
36-016-24



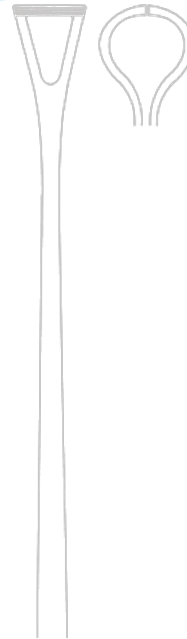
1/1  
36-016-16  
15.5 cm / 6 "



36-016-18  
17.5 cm / 7 "



36-016-21  
21 cm / 8 2/8 "



36-016-24  
24 cm / 9 4/8 "

### Atrauma

### TC GOLD

### Atrauma



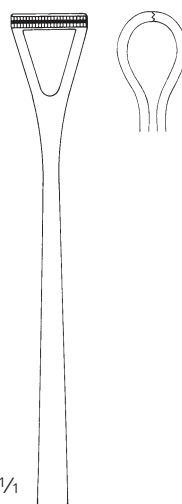
1/2  
Babcock  
36-017-16  
36-017-21



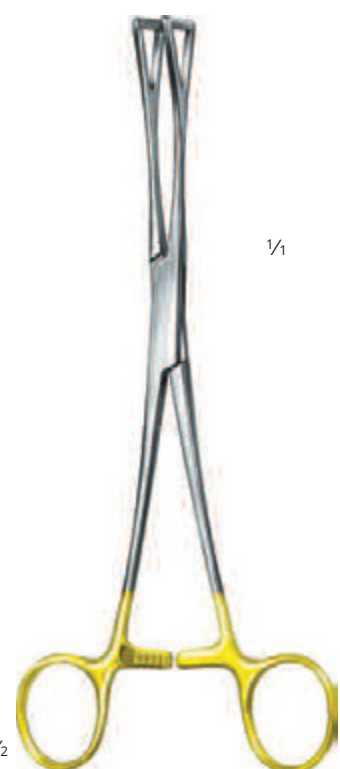
1/1  
36-017-16  
16 cm / 6 2/8 "



1/2








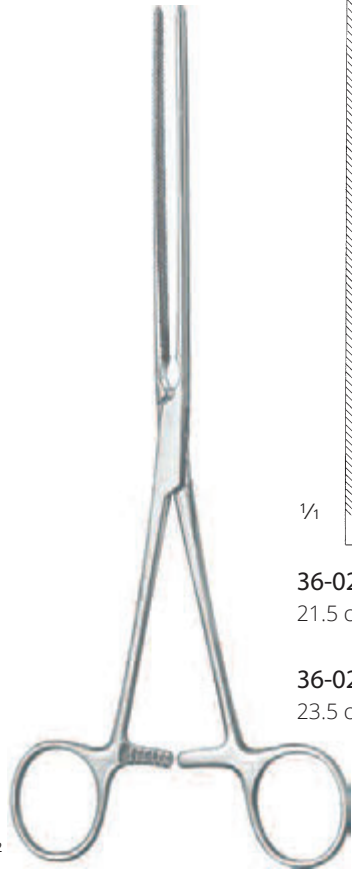
1/1  
36-017-21  
21 cm / 8 2/8 "



1/2

Duval  
36-018-20  
20.5 cm / 8 "

# Intestinal and Tissue Grasping Forceps, Intestinal Clamps

					
	$\frac{1}{4}$			$\frac{1}{4}$	
	<b>36-019-18</b> 18 cm / 7 $\frac{1}{8}$ "	<b>36-020-20</b> 20.5 cm / 8 $\frac{1}{8}$ "		<b>36-021-21</b> 21.5 cm / 8 $\frac{4}{8}$ "	<b>36-022-21</b> 21 cm / 8 $\frac{2}{8}$ "
	<b>36-019-20</b> 20.5 cm / 8"	<b>36-020-23</b> 23 cm / 9"		<b>36-021-23</b> 23.5 cm / 9 $\frac{2}{8}$ "	<b>36-022-23</b> 23 cm / 9"
$\frac{1}{2}$					
	<b>Duval</b> 36-019-18 36-020-23			<b>Doyen</b> 36-021-21 36-022-23	



# Intestinal Clamps



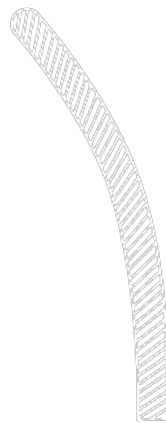
1/2

Doyen-Baby  
36-023-18  
36-024-18



1/4

**36-023-18**  
18 cm / 7 1/8"



**36-024-18**  
17.5 cm / 6 7/8"

# Intestinal Clamps

**36-025-21**  
 21.5 cm / 8 <sup>4</sup>/<sub>8</sub> "

**36-025-23**  
 23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "

**36-026-21**  
 21.5 cm / 8 <sup>4</sup>/<sub>8</sub> "

**36-026-23**  
 23 cm / 9 "

**36-027-25**  
 25.5 cm / 10 "

**36-028-25**  
 24.5 cm / 9 <sup>5</sup>/<sub>8</sub> "

1/2  
 Mayo-Robson  
 36-025-21  
 36-026-23

1/2  
 Mayo-Robson  
 36-027-25  
 36-028-25

# Intestinal Clamps



Kocher  
36-029-22  
36-029-28



36-029-13  
13 cm / 5.11"



36-029-22  
22.5 cm / 8 7/8"



36-029-25  
25 cm / 9 7/8"



36-029-28  
28 cm / 11"

# Intestinal Clamps



36-030-13  
13 cm / 5.12"

36-030-22  
22 cm / 8 <sup>5</sup>/<sub>8</sub>"

36-030-25  
24.5 cm / 9 <sup>5</sup>/<sub>8</sub>"

36-030-28  
27.5 cm / 10 <sup>6</sup>/<sub>8</sub>"

1:2

**Kocher**  
36-030-22  
36-030-28

**Allen**  
36-031-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"

## Intestinal and Pylorus Clamps



1/2

**Payr-Baby**  
**36-032-15**  
 15 cm / 5 7/8"  
 with pin  
 mit Stift  
 con espiga  
 avec cheville  
 con perno

1/4



1/2

**Payr**  
**36-033-15**  
**36-033-34**  
 with pin  
 mit Stift  
 con espiga  
 avec cheville  
 con perno

1/4



**36-033-15**  
 21 cm / 8 2/8"



**36-033-29**  
 29 cm / 11 3/8"



**36-033-34**  
 34 cm / 13 3/8"

## Intestinal Anastomosis Clamps

36



1/2

### De Martel-Wolfson

**36-034-05**

**36-034-10**

Set bestehend aus:

- 2 x Riegel kurz
- 1 x Riegel lang

Set consisting of:

- 2 x lock, short
- 1 x lock, long

Juego formado por:

- 2 x pestillo corto
- 1 x pestillo largo

Set composé de:

- 2 x verrou, court
- 1 x verrou, long

Set composto da:

- 2 x serratura corte
- 1 x serratura lunga

1/1

**36-034-05**

working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile

65 mm

**36-034-07**

working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile

80 mm

**36-034-10**

working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile

110 mm



1/2

### De Martel-Wolfson

**36-035-25**

27 cm / 10 <sup>5</sup>/<sub>8</sub> "

Closing Forceps  
Klemmschließzange  
Pinza para cerrar grapas  
Pinces pour fermer les clamps  
Serrapinze



36-034-05

36-034-10

## Intestinal Anastomosis Clamps



1/2

**De Martel-Wolfson**

**36-036-08**

9.5 cm / 3 7/8"

Clamp Holder  
Klemmenhalterung  
Porta-clamp  
Porte-clamps  
Portapinze



36-034-05

36-034-10



1/2

**De Martel-Wolfson**

**36-036-23**

23 cm / 9"

Clamp Holder  
Klemmenhalterung  
Porta-clamp  
Porte-clamps  
Portapinze



36-034-05

36-034-10



1/2

**Benson**

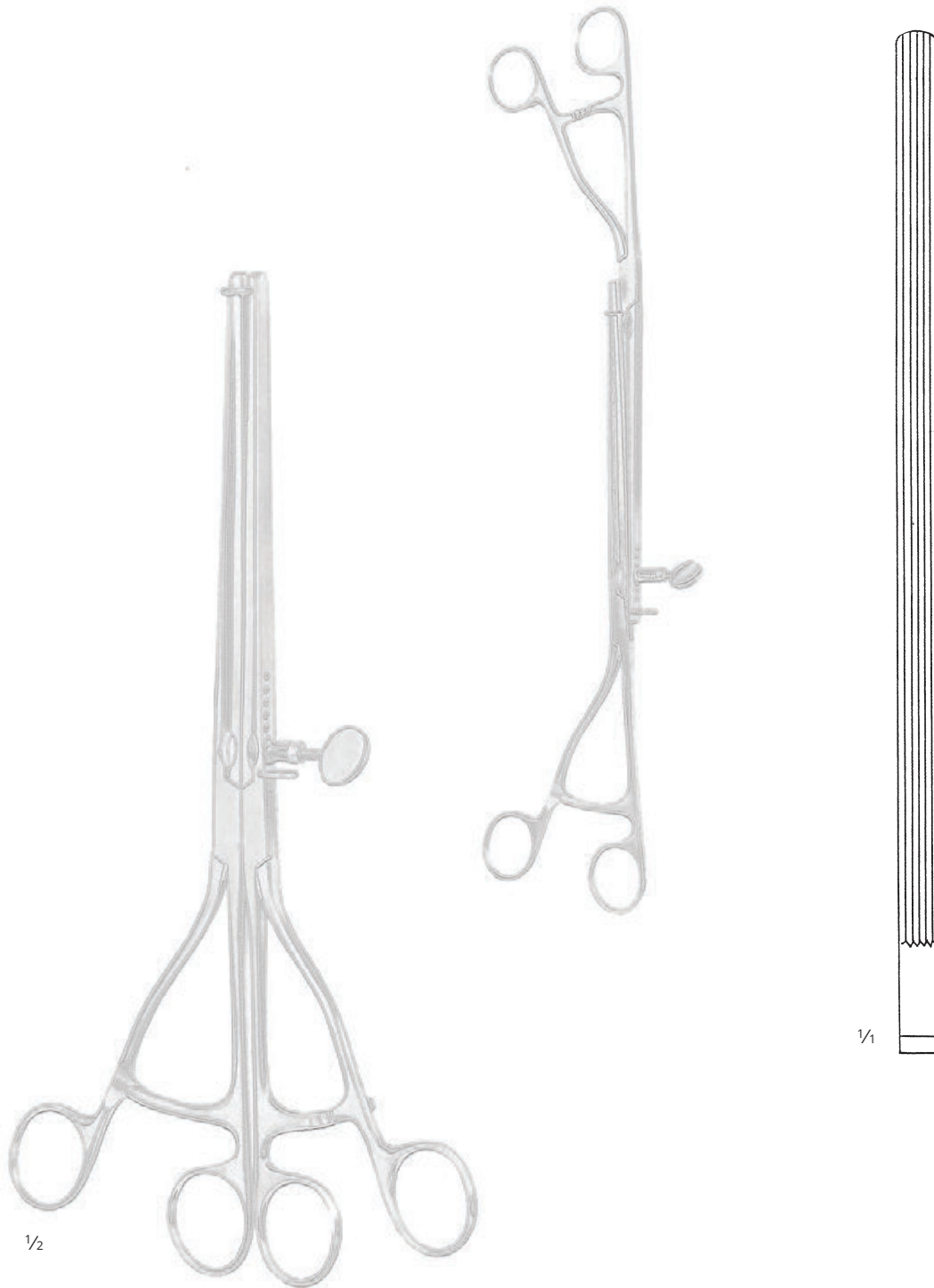
**36-037-16**

15.5 cm / 6 1/8"

Pylorus Spreader  
Pylorusspreizer  
Separador para piloro  
Ecarteur pour pylore  
Divaricatore pilorio

1/4

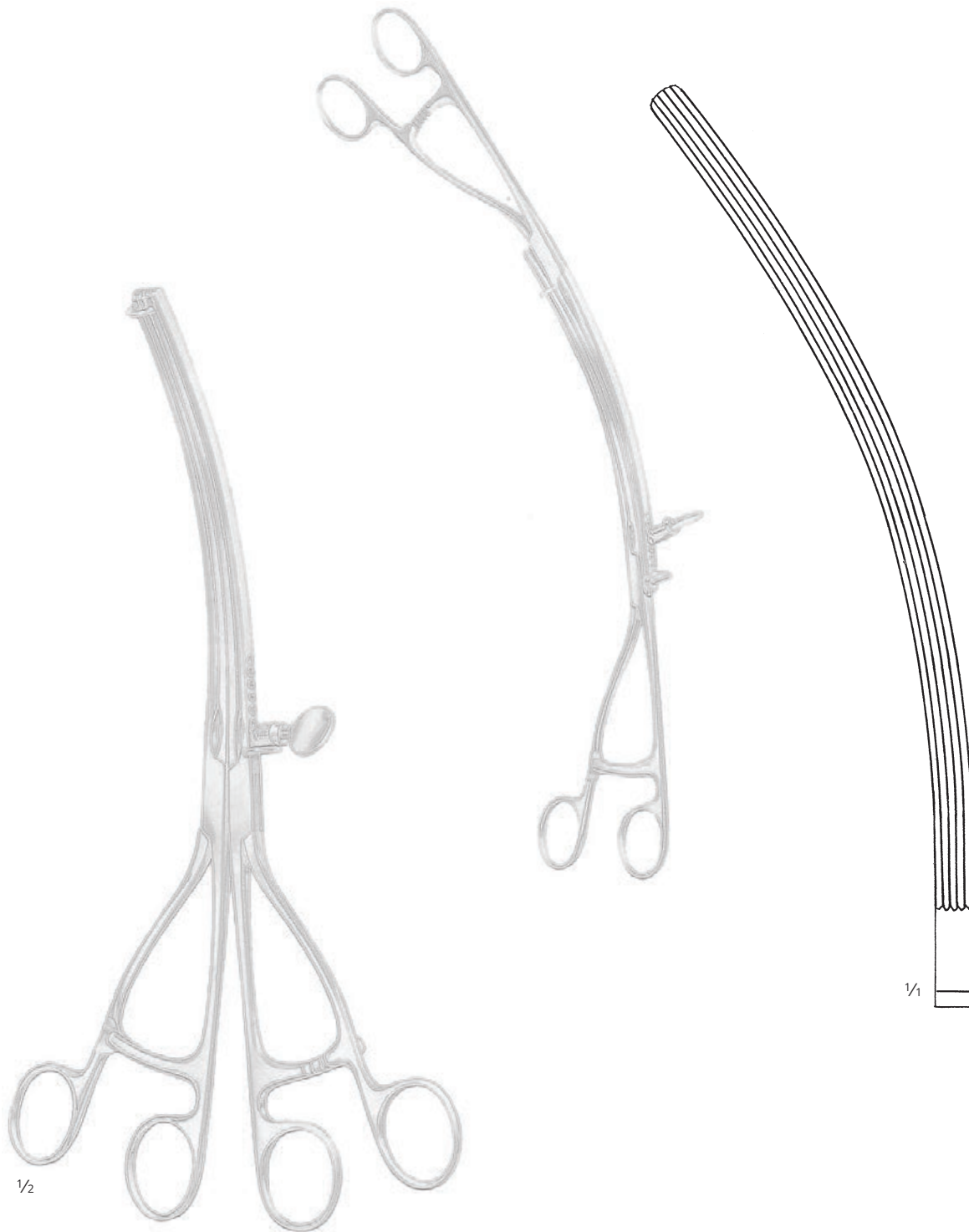
# Stomach and Intestinal Anastomosis Twin Clamps



Lane  
36-038-30  
30 cm / 11 <sup>5</sup>/<sub>8</sub> "



## Stomach and Intestinal Anastomosis Twin Clamps



1/2

Lane  
36-039-30  
30 cm / 11 5/8"

1/4

# Organ Grasping Forceps

Atrauma



1/2

Scheibe  
36-040-18  
36-040-23

1/4



**36-040-18**  
18 cm / 7 1/8"  
narrow  
schmal  
estrecho  
étroit  
stretto



**36-040-20**  
20.5 cm / 8 1/8"  
medium  
mittel  
mediano  
moyen  
medio



**36-040-23**  
23 cm / 9"  
wide  
breit  
ancho  
large  
largo

# Intestinal Clamps

## Atrauma



1/2

Doyen-Baby  
36-041-14  
36-041-23



1/1

36-041-14  
14 cm / 5 4/8"



36-041-17  
17 cm / 6 6/8"



36-041-18  
18.5 cm / 7 2/8"



36-041-21  
21.5 cm / 8 4/8"



36-041-23  
23.5 cm / 9 2/8"



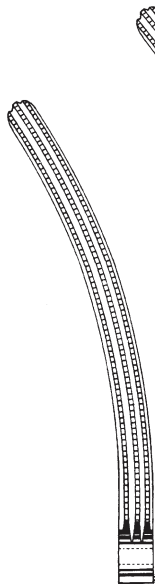
1/2

Doyen-Baby  
36-042-14  
36-042-23

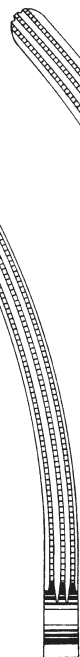


1/1

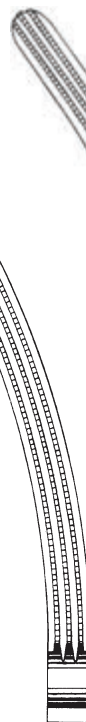
36-042-14  
13.5 cm / 5 2/8"



36-042-17  
17 cm / 6 6/8"



36-042-18  
18 cm / 7"



36-042-21  
21 cm / 8 2/8"



36-042-23  
23 cm / 9"

# Intestinal Clamps

Atrauma



Mayo-Robson  
36-043-26  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"



Mayo-Robson  
36-044-25  
25 cm / 9 <sup>2</sup>/<sub>8</sub>"

# Intestinal Clamps

Atrauma



1/2

Kocher  
36-045-22  
36-045-28

1/4

36-045-22  
22.5 cm / 8 6/8 "

36-045-25  
25 cm / 9 7/8 "

36-045-28  
28 cm / 11 "

# Intestinal Clamps

Atrauma



1/2  
Kocher  
36-046-22  
36-046-27

1/4

36-046-22  
22 cm / 8 5/8"



36-046-25  
24.5 cm / 9 5/8"



36-046-27  
27 cm / 10 5/8"

# Intestinal Clamps

## Atrauma



**Scudder**  
36-047-33  
36-048-33



**Brunner**  
36-049-27  
27 cm / 10 6/8 "

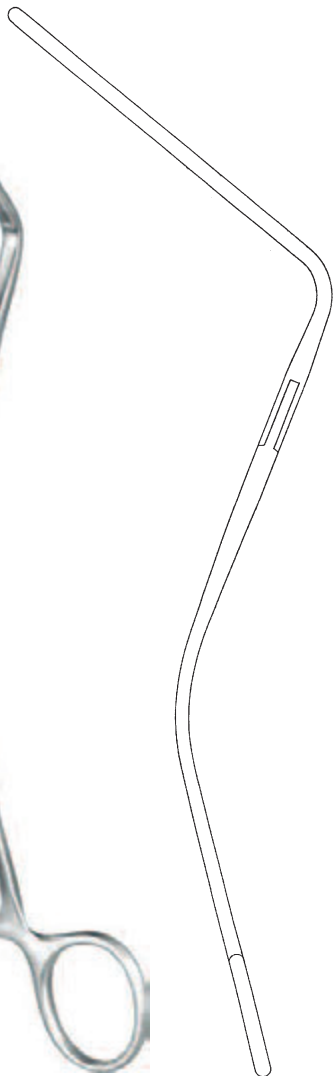
1/1

# Sigmoid Anastomosis Forceps

Atrauma



Hayes  
36-050-27  
36-050-28



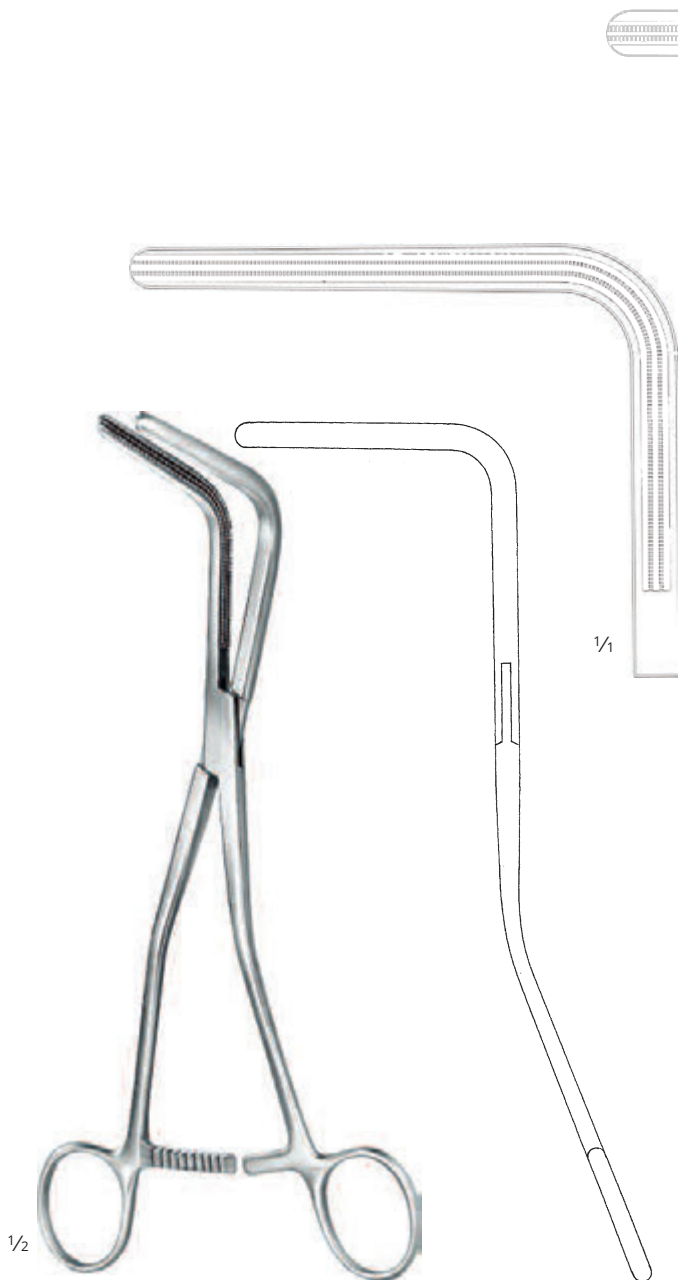
36-050-28  
28 cm / 11 "

36-050-27  
27 cm / 10 <sup>5</sup>/<sub>8</sub> "



# Sigmoid Anastomosis Forceps

Atrauma



**Veidenheimer**  
36-051-25  
25 cm / 9 <sup>6</sup>/<sub>8</sub>"



**Fehland**  
36-052-24  
24 cm / 9 <sup>4</sup>/<sub>8</sub>"

# Sigmoid Anastomosis Forceps

Atrauma

36



Resano  
36-053-28  
28 cm / 11 "

## Rectal Specula



105 x 23 mm

1/2

**Czerny**  
36-054-22  
22.5 cm / 8 7/8"



70 x 15 mm

1/2

**Sims**  
36-055-15  
15.5 cm / 6 1/8"



70 x 15 mm

1/2

**Sims**  
36-056-15  
15.5 cm / 6 1/8"

## Rectal Specula

36

80 x 25 mm



1/2

**Pratt**  
**36-057-20**  
20 cm / 7 7/8"



Ø 22 mm

1/2

**Ives-Fansler**  
**36-058-15**  
Rectal Spreaders  
Analspreizer  
Separadores rectales  
Ecarteurs rectaux  
Divaricatori rettali

working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile  
**80 mm**

## Rectal Spreaders



1/2

Alan-Parks  
36-059-00  
36-059-95

### 36-059-00

14 cm / 5 4/8 "

without F.O. light carrier, complete with 2 pairs of lateral blades and 1 central blade  
ohne Kaltlichtaufsatz, komplett mit 2 paar Seiten-Valven sowie 1 Mittelvalve  
sin portador de luz fría, completo con 2 parejas de valvas laterales y 1 valva central  
sans support lumière froide, complet avec 2 paires de valves latérales et 1 valve centrale  
senza supporto per luce fredda, completo di 2 coppie di valve laterali e di 1 valva centrale



### 36-059-94

Pair of lateral blades, long, useful length 95 mm  
Paar Seitenvalven lang, Nutzlänge 95 mm  
Un par de valvas laterales, largas, longitud útil 95 mm  
Paire de valves latérales, longues, longueur utile 95 mm  
Coppia di valve laterali lunghe, lungh. utile 95 mm

### 36-059-95

Central Blade, useful length 95 mm  
Mittelvalve, Nutzlänge 95 mm  
Valva central, longitud útil 95 mm  
Valve centrale, longueur utile 95 mm  
Valva centrale, lungh. utile 95 mm

### 36-059-92

Wing nut  
Flügelmutter  
Tuerca de mariposal  
Ecrou à oreilles  
Madrevite ad alette

### 36-059-93

Pair of lateral blades, short, useful length 75 mm  
Paar Seitenvalven kurz, Nutzlänge 75 mm  
Un par de valvas laterales, cortas, longitud útil 75 mm  
Paire de valves latérales, courtes, longueur utile 75 mm  
Coppia di valve laterali corte, lungh. utile 75 mm

## Sphincteroscopes

36



36-060-01  
Ø 21 mm  
working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile  
50 mm

Kelly  
36-060-01  
36-060-02

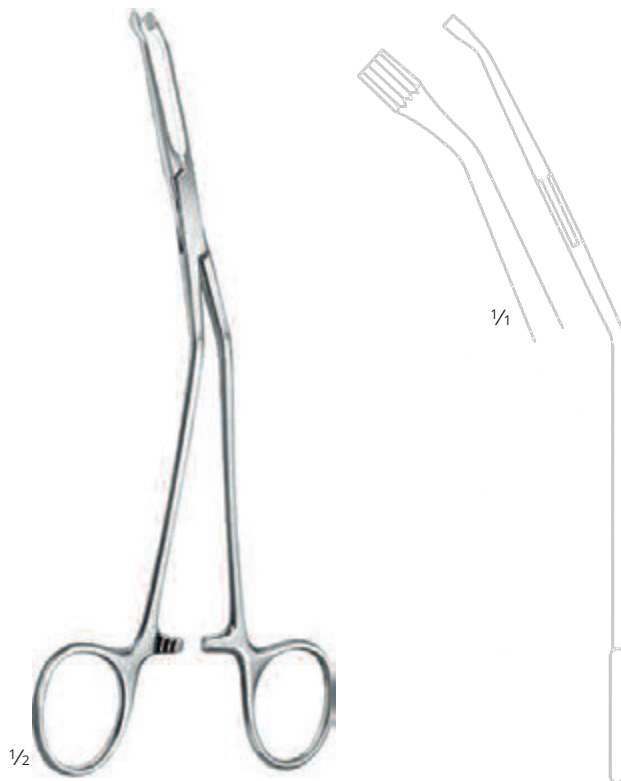
36-060-02  
Ø 27 mm  
working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile  
50 mm



36-060-03  
Ø 22  
working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile  
145 mm

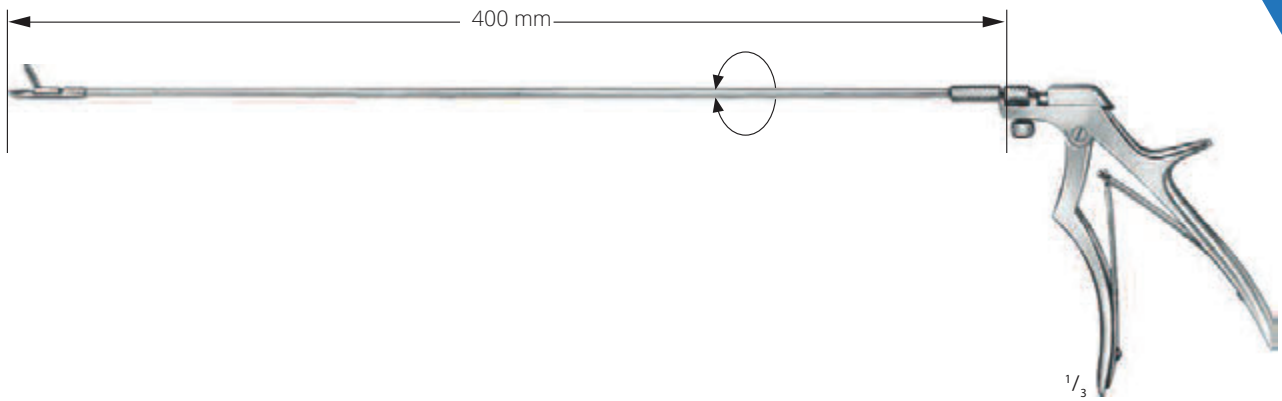
Kelly  
36-060-03

## Dissecting Forceps, Tissue Forceps



McGinvey  
36-061-19  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"

# Rectal Biopsy Forceps



Aufsätze only  
 Aufsätze allein  
 Aufsätze suelto  
 Aufsätze seul  
 Aufsätze solo

**36-062-00**

Handle for biopsy forceps only  
 Biopsiezangengriff allein  
 Mango para pinza de biopsia rectal suelto  
 Manche pour pince pour biopsie rectale seul  
 Manico per pinza per Fig. 1 biopsia rettale solo



Fig.1  
**36-062-42**  
 42 cm / 16 4/8"



Fig.2  
**36-063-42**  
 42 cm / 16 4/8"



Fig.3  
**36-064-42**  
 42 cm / 16 4/8"



Fig. 4  
**36-065-42**  
 42 cm / 16 4/8"



Fig.5  
**36-066-42**  
 42 cm / 16 4/8"

36-063-42 - 36-066-42

rotatable  
 drehbar  
 giratorio  
 rotatif  
 girevole

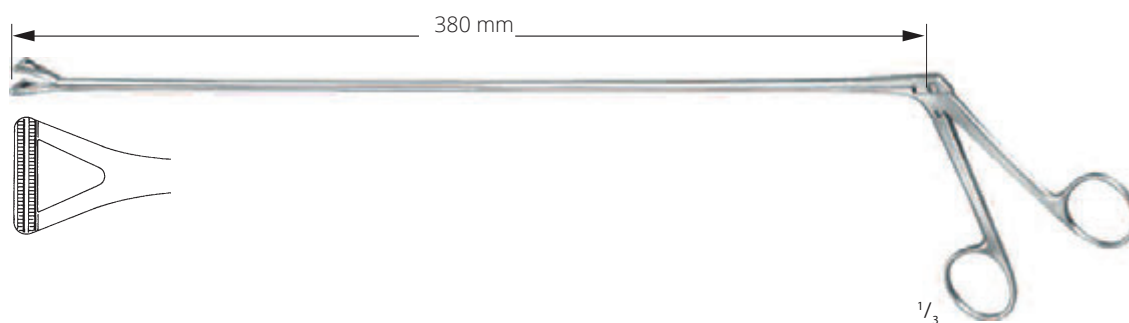


**36-062-00**



# Rectal Biopsy Forceps

Atrauma



**36-067-38**  
38 cm / 15 "  
Jaw width  
Maulbreite  
Anchura de la boca  
Lageur de mors  
Larghezza della bocca  
**15 mm**



38

# Urology

# Kidney Stone Forceps

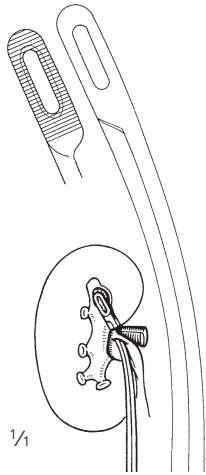


Fig.1  
**38-001-23**  
 23 cm / 9"

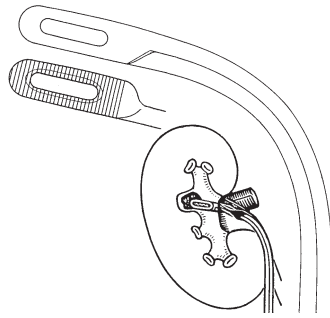


Fig.2  
**38-002-21**  
 21 cm / 8 2/8"

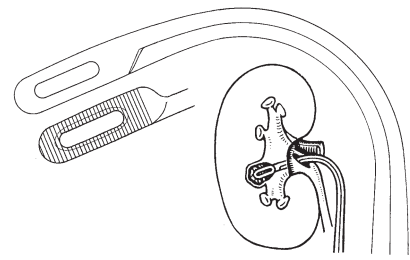


Fig.3  
**38-003-19**  
 19 cm / 7 4/8"

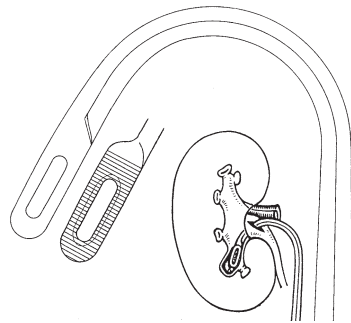


Fig.4  
**38-004-18**  
 18.5 cm / 7 2/8"



Fig.5  
**38-005-19**  
 19 cm / 7 4/8"

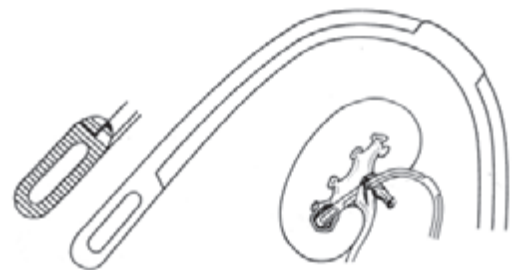


Fig.6  
**38-006-19**  
 19 cm / 7 4/8"



1/2  
**Randall**  
**38-001-23**  
**38-006-19**

## Kidney Stone Forceps

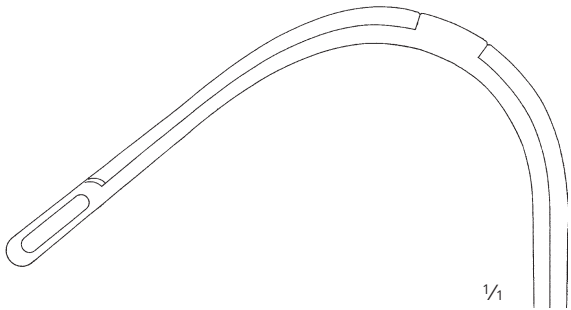


Fig.1  
**38-007-23**  
23 cm / 9 "

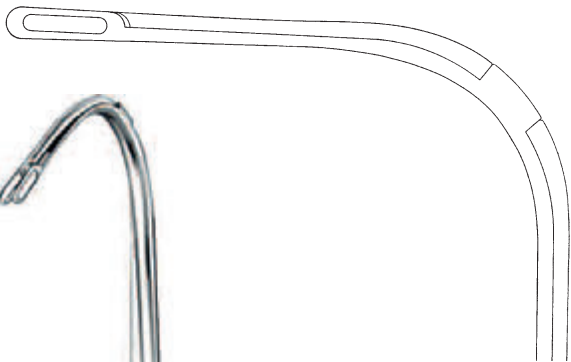


Fig.2  
**38-007-24**  
24 cm / 9 <sup>4</sup>/<sub>8</sub> "

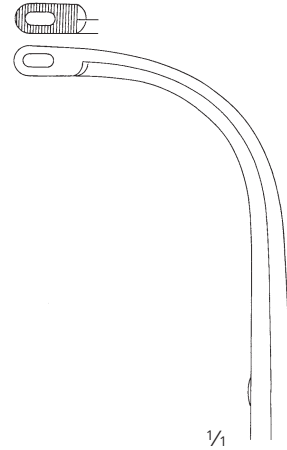


Fig.1  
**38-008-16**  
16 cm / 6 <sup>2</sup>/<sub>8</sub> "

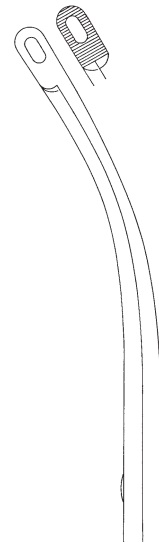


Fig.2  
**38-008-17**  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "



1/2

**Randall**  
**38-007-23**  
**38-007-24**

very slender pattern  
besonders feines Modell  
modelo muy delgado  
modèle très fin  
modello molto delicato



1/2

**Heiming**  
**38-008-16**  
**38-008-17**

for children  
für Kinder  
para niños  
pour enfants  
per bambini

# Gall Duct Dilators

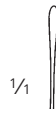


Fig.1  
**38-009-01**  
Ø 1.0 mm



Fig.2  
**38-009-02**  
Ø 2.0 mm



Fig.3  
**38-009-03**  
Ø 3.0 mm



Fig.4  
**38-009-04**  
Ø 4.0 mm



Fig.5  
**38-009-05**  
Ø 5.0 mm



Fig.6  
**38-009-06**  
Ø 6.0 mm



Fig.7  
**38-009-07**  
Ø 7.0 mm



Fig.8  
**38-009-08**  
Ø 8.0 mm



Fig.9  
**38-009-09**  
Ø 9.0 mm



Fig.10  
**38-009-10**  
Ø 10 mm



Fig.11  
**38-009-11**  
Ø 11 mm



Fig.12  
**38-009-12**  
Ø 12 mm

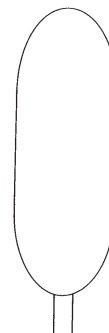


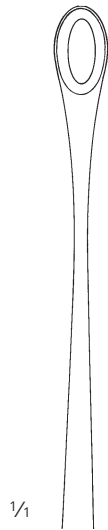
Fig.13  
**38-009-13**  
Ø 13 mm



1/2

**Bakes**  
**38-009-01**  
**38-009-13**  
32 cm / 12 5/8" malleable shaft  
biegsamer Schaft  
vástago maleable  
tige malléable  
gambo malleabile

# Gall Stone Forceps



1/1

38-010-21



38-011-21

1/2

**Bakes**  
38-010-21  
38-011-21  
21 cm / 8 2/8"



1/1

1/2

**Mayo-Bakes**  
38-012-21  
21 cm / 8 2/8"



1/1

1/2

**Mayo-Bakes**  
38-013-21  
21 cm / 8 2/8"

# Gall Stone Forceps



1/2  
**Mixer**  
**38-014-22**  
 22 cm / 8 5/8"



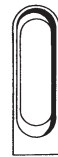
1/4



1/2  
**Desjardins**  
**38-015-23**  
**38-016-23**  
 23 cm / 9"



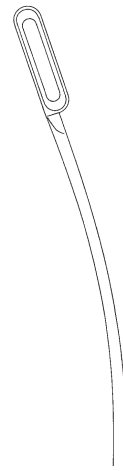
1/4  
**Fig.1**  
**38-015-23**



**Fig.2**  
**38-016-23**



1/2  
**Desjardins**  
**38-017-24**  
**38-017-27**  
 23 cm / 9"










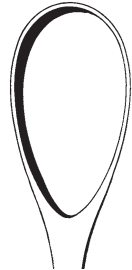
**38-017-24**



**38-017-27**

# Gall Stone Forceps

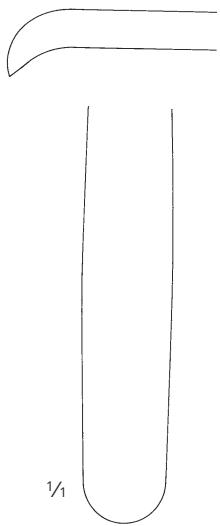


 <b>Fig.000</b> <b>38-018-01</b> 2.7 mm	 <b>Fig.00</b> <b>38-018-02</b> 3.4 mm	 <b>Fig.0</b> <b>38-018-03</b> 4.3 mm	 <b>Fig.1</b> <b>38-018-04</b> 5.5 mm
 <b>Fig.2</b> <b>38-018-05</b> 6.6 mm	 <b>Fig.3</b> <b>38-018-06</b> 8 mm	 <b>Fig.4</b> <b>38-018-07</b> 11 mm	 <b>Fig.5</b> <b>38-018-08</b> 15 mm

**Luer-Körte**  
**38-018-01**  
**38-018-08**  
 32 cm / 12 <sup>5</sup>/<sub>8</sub>"  
 malleable shaft  
 biegsamer Schaft  
 västago maleable  
 tige malléable  
 gambo malleabile

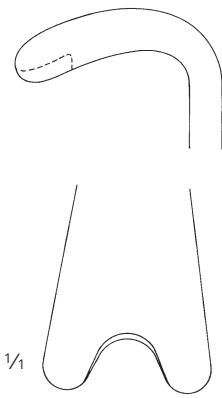


## Prostatic Retractors



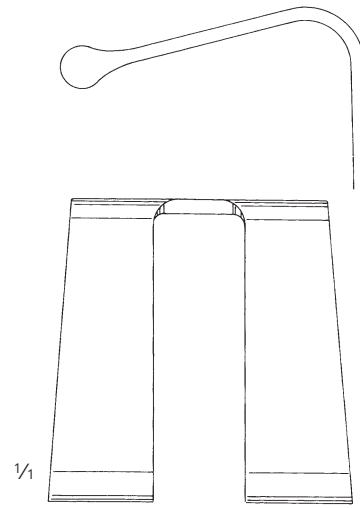
1/1

| 12.5 mm |



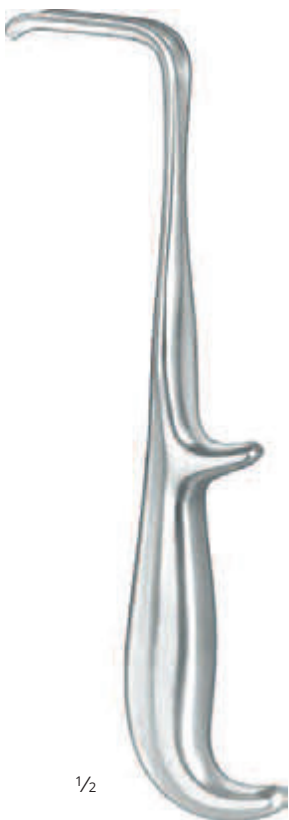
1/1

| 24 mm |



1/1

| 41 mm |



1/2

**Young**  
38-019-22  
22 cm / 8 <sup>5</sup>/<sub>8</sub> "



1/2

**Young**  
38-020-21  
22 cm / 8 <sup>4</sup>/<sub>8</sub> "



1/2

**Young**  
38-021-23  
23 cm / 9 "

# Capsule Forceps

Atrauma



**Millin**  
**38-022-24**  
24.5 cm / 9 5/8"

Atrauma



**Millin**  
**38-023-22**  
22.5 cm / 8 7/8"



**Millin**  
**38-024-24**  
24.5 cm / 9 5/8"

## Capsule Forceps, Ligature Carrying Forceps



**Millin**  
**38-025-22**  
22 cm / 8  $\frac{5}{8}$ "

## Bladder Neck Spreader, Bladder Retractors

38



1/2

**Millin**  
**38-026-29**  
28 cm / 11 "

spreading  
Spreizweite  
extensión  
écartement  
apertura  
70 mm



1/2

**Judd-Masson**  
**38-027-00**  
120 mm

komplett, mit 1 paar Seiten-Valven sowie 1 Mittelvalve  
complete, with 1 pair of lateral blades and 1 central blade  
completo, con 1 par de valvas laterales y 1 valva central  
complet, avec 1 paire de valvas latérales et 1 valve centrale  
completo, con 1 pair di valve laterali e 1 valva centrale

## Bladder Retractors



### Millin

#### 38-028-00

complete, with 2 pairs of lateral blades 57 x 25 mm and 80 x 25 mm, and 1 central blade 120 x 45 mm

komplett, mit je 2 Seitenvlaven 57 x 25 mm und 80 x 25 mm, sowie einer 1 Mittelvalve 120 x 45 mm

completo, con 2 pares de valvas laterales 57 x 25 mm y 80 x 25 mm y una valva central 120 x 45 mm

complet, avec 2 paires de valvas latérales 57 x 25 mm et 80 x 25 mm et 1 valve centrale 120 x 45 mm

completo, con 2 paia di valve laterali 57 x 25 mm e 80 x 25 mm in più 1 valva centrale 120 x 45 mm



#### 57 x 25 mm 38-028-90-98

Lateral Blades  
Seitenvlaven  
Valvas laterales  
Valves laterales  
Valve laterali



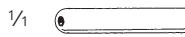
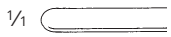
#### 80 x 25 mm 38-028-91-98

Lateral Blades  
Seitenvlaven  
Valvas laterales  
Valves laterales  
Valve laterali

#### 120 x 45 mm 38-028-92-98

Central Blade  
Mittelvalve  
Valva central  
Valve centrale  
Valva centrale

# Urethral Sounds



**Van Buren**  
**38-029-00**  
**38-029-36**  
 27 cm / 10 <sup>5</sup>/<sub>8</sub>"

**Guyon**  
**38-030-10**  
**38-030-30**  
 26 cm / 10 <sup>3</sup>/<sub>8</sub>"

**38-031-12**  
**38-031-14**  
 15 cm / 5 <sup>7</sup>/<sub>8</sub>"  
 Metal Catheters, female  
 Metallkatheter für Frauen  
 Sondas metálicas, femeninas  
 Sondes métalliques, pour femmes  
 Sonde metalliche, per donne

Charrière	Van Buren	Guyon	
08	38-029-08		
09			
10	38-029-10	38-030-10	
11		38-030-11	
12	38-029-12	38-030-12	38-031-12
13		38-030-13	
14	38-029-14	38-030-14	38-031-14
15		38-030-15	
16	38-029-16	38-030-16	
17		38-030-17	
18	38-029-18	38-030-18	
19		38-030-19	
20	38-029-20	38-030-20	
21		38-030-21	
22	38-029-22	38-030-22	
23		38-030-23	
24	38-029-24	38-030-24	
25		38-030-25	
26	38-029-26	38-030-26	
27		38-030-27	
28	38-029-28	38-030-28	
29		38-030-29	
30	38-029-30	38-030-30	
31			
32	38-029-32		
33			
34	38-029-34		
35			
36	38-029-36		

**38-029-00**  
 complete set, 8 - 36 Charrière  
 Satz komplett, 8 - 36 Charrière  
 juego completo, 8 - 36 Charrière  
 jeu complet, 8 - 36 Charrière  
 set completo, 8 - 36 Charrière

## Urethrography- and Circumcision Instruments



1/2

**38-032-08**

**38-032-32**

Circumcision Instrument  
 Circumcisionsgerät  
 Instrumento para circuncisión  
 Instrument de circoncision  
 Strumento per circoncisione



1/2

**Mogen**

**38-033-00**

7.5 cm / 3 "

Circumcision Instrument  
 Beschneidungsinstrument  
 Instrumento para circuncisión  
 Instrument de circoncision  
 Strumento per circoncisione

Ø	
8 mm	<b>38-032-08</b>
11 mm	<b>38-032-11</b>
13 mm	<b>38-032-13</b>
16 mm	<b>38-032-16</b>
21 mm	<b>38-032-21</b>
26 mm	<b>38-032-26</b>
32 mm	<b>38-032-32</b>

## Foreign Body Forceps



**Mathieu  
38-034-20**

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta  
**200 mm**

**Mathieu  
38-034-28**

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta  
**300 mm**



**Mathieu  
38-037-01**

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta  
**110 mm**



## Penis Clamps



1/2

**Stockmann**  
**38-035-08**  
8 cm / 3 1/8"



1/2

**Stockmann**  
**38-036-11**  
11 cm / 4 3/8"

### **38-036-90-98**

1 pair of flexible tubes only  
1 Paar Schläuche allein  
1 par de mangueras individuales  
1 paire de tubes flexibles, seuls  
1 coppia di tubi flessibili singoli



40

# Gynecology

## Vaginal Specula



1/2

Cusco

40-001-01	75 x 32 mm
40-001-02	85 x 37 mm
40-001-03	100 x 35 mm



1/2

Cusco

40-002-01	75 x 18 mm
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1/2

Cusco

40-003-01	90 x 22 mm
40-003-02	100 x 25 mm
40-003-03	105 x 27 mm



1/2

Cusco

40-004-01	75 x 34 mm
40-004-02	85 x 37 mm
40-004-03	100 x 37 mm



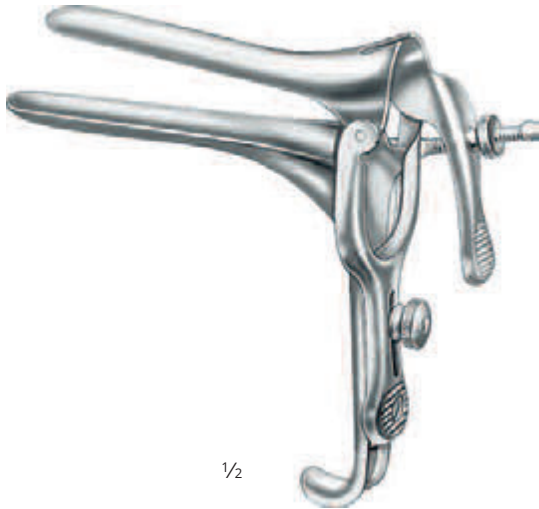
1/2

Collin

40-005-01	85 x 30 mm
40-005-02	100 x 35 mm
40-005-03	110 x 40 mm

## Vaginal Specula

40



1/2

Pederson

40-006-01	75 x 13 mm
40-006-02	100 x 24 mm
40-006-03	120 x 26 mm



1/2

Grave

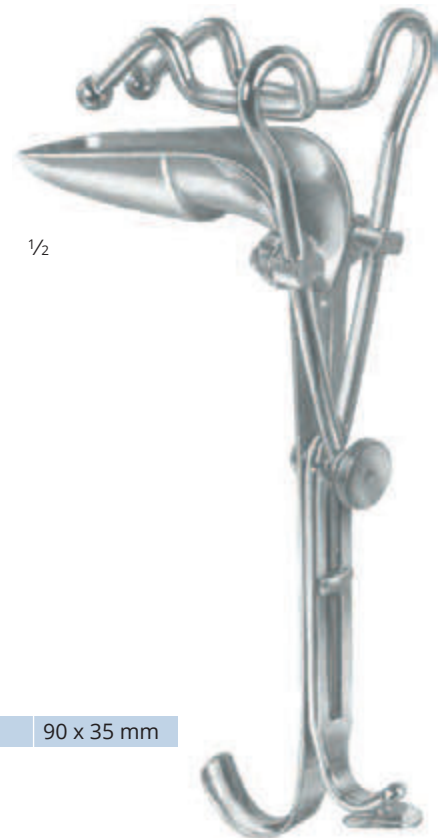
40-007-01	75 x 20 mm
40-007-02	95 x 35 mm
40-007-03	115 x 35 mm



1/2

Semm

40-008-01	100 x 20-25 mm
40-008-02	100 x 27-35 mm



1/2

Guttman

40-009-01	90 x 35 mm
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## Vaginal Specula, Vaginal Retractors



Sims

40-010-01	65 x 25 mm
40-010-02	70 x 30 mm
40-010-03	85 x 35 mm



Jackson

40-011-01	75 x 38 mm
40-011-02	90 x 38 mm
40-011-03	100 x 38 mm



Kristeller

40-012-01	Fig.1	70 x 27 mm
40-012-02	Fig.2	80 x 30 mm
40-012-03	Fig.3	90 x 36 mm

## Vaginal Specula, Vaginal Retractors

40



1/2



1/2



1/2

### Kristeller

40-013-01	Fig.1	75 x 23 mm
40-013-02	Fig.2	85 x 26 mm
40-013-03	Fig.3	100 x 32 mm

### Kristeller

40-014-01	Fig.1	40-012-01 & 40-013-01
40-014-02	Fig.2	40-012-02 & 40-013-02
40-014-03	Fig.3	40-012-03 & 40-013-03

### Kristeller

40-015-01	Fig.1	105 x 18 mm
40-015-02	Fig.2	110 x 21 mm

## Vaginal Specula, Vaginal Retractors

flat speculum  
flaches Spekulum  
espéculeo plano  
spéculum plat  
specolo piatto



Kristeller

40-016-01	Fig.1	110 x 14 mm
40-016-02	Fig.2	115 x 17 mm

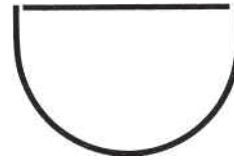
Kristeller

40-017-01	Fig.1	40-015-01 & 40-016-01
40-017-02	Fig.2	40-015-02 & 40-016-02

Kristeller

40-018-01	Fig.1	105 x 26 mm
40-018-02	Fig.2	105 x 28 mm
40-018-03	Fig.3	105 x 33 mm

## Vaginal Specula, Vaginal Retractors



deep speculum  
tiefes Spekulum  
espéculo profundo  
spéculum profund  
specolo profondo

40



### Kristeller

40-019-01	Fig.1	115 x 22 mm
40-019-02	Fig.2	115 x 24 mm
40-019-03	Fig.3	115 x 29 mm

### Kristeller

40-020-01	Fig.1	40-018-01 & 40-019-01
40-020-02	Fig.2	40-018-02 & 40-019-02
40-020-03	Fig.3	40-018-03 & 40-019-03

### Kristeller

40-021-01	Fig.1	110 x 28 mm
40-021-02	Fig.2	110 x 30 mm
40-021-03	Fig.3	110 x 36 mm



## Vaginal Specula, Vaginal Retractors



### Kristeller

40-022-01	Fig.1	115 x 23 mm
40-022-02	Fig.2	115 x 27 mm
40-022-03	Fig.3	115 x 32 mm

### Kristeller

40-023-01	Fig.1	40-021-01 & 40-022-01
40-023-02	Fig.2	40-021-02 & 40-022-02
40-023-03	Fig.3	40-021-03 & 40-022-03

### Kallmorgen

40-024-01	Fig.1	70 x 40 mm
40-024-02	Fig.2	90 x 40 mm

## Vaginal Specula, Vaginal Retractors

40



1/2

Kallmorgen

40-025-01	Fig.1	70 x 37 mm
40-025-02	Fig.2	90 x 37 mm



1/2

Kallmorgen

40-026-01	Fig.1	40-024-01 & 40-025-01
40-026-02	Fig.2	40-024-02 & 40-025-02



1/2

Doyen

40-027-01	Fig.1	58 x 35 mm
40-027-02	Fig.2	88 x 35 mm
40-027-03	Fig.3	118 x 35 mm

40-028-01	Fig.1	60 x 47 mm
40-028-02	Fig.2	95 x 47 mm
40-028-03	Fig.3	120 x 47 mm
40-028-04	Fig.4	165 x 47 mm

40-029-01	Fig.1	55 x 60 mm
40-029-02	Fig.2	85 x 60 mm
40-029-03	Fig.3	115 x 60 mm

# Vaginal Specula



## Scherbak

Specula Blade, only  
Blatt, allein  
Valva vaginal, suelta  
Valve vaginale, seule  
Valve vaginale, sola

1/1

40-030-01  
80 x 30 mm



40-030-02  
85 x 35 mm



40-030-03  
90 x 40 mm



## Scherbak

Specula Blade, only  
Blatt, allein  
Valva vaginal, suelta  
Valve vaginale, seule  
Valve vaginale, sola

1/2

40-030-04  
58 x 40 - 60 mm



40-030-05  
70 x 45-70 mm



1/3

## Scherbak

40-030-10

10.5 cm / 4" / 400 g

Weight for Vaginal Speculum  
Gewicht zum Vaginalspekulum  
Peso para espéculo vaginal  
Poids pour spéculum vaginal  
Peso per specolo vaginale



1/3

## Scherbak

40-030-12

13 cm / 5" / 800 g

Weight for Vaginal Speculum  
Gewicht zum Vaginalspekulum  
Peso para espéculo vaginal  
Poids pour spéculum vaginal  
Peso per specolo vaginale

## Scherbak

40-030-00

complete set with handle, weight (400 g) and 5 blades  
Satz komplett mit Griff, Gewicht (400 g) und 5 Blättern  
juego completo con mango, peso (400 g) y 5 valvas  
jeu complet avec manche, poids (400 g) et 5 valves  
Set completo con manico, peso (400 g) e 5 valve

## Vaginal Specula

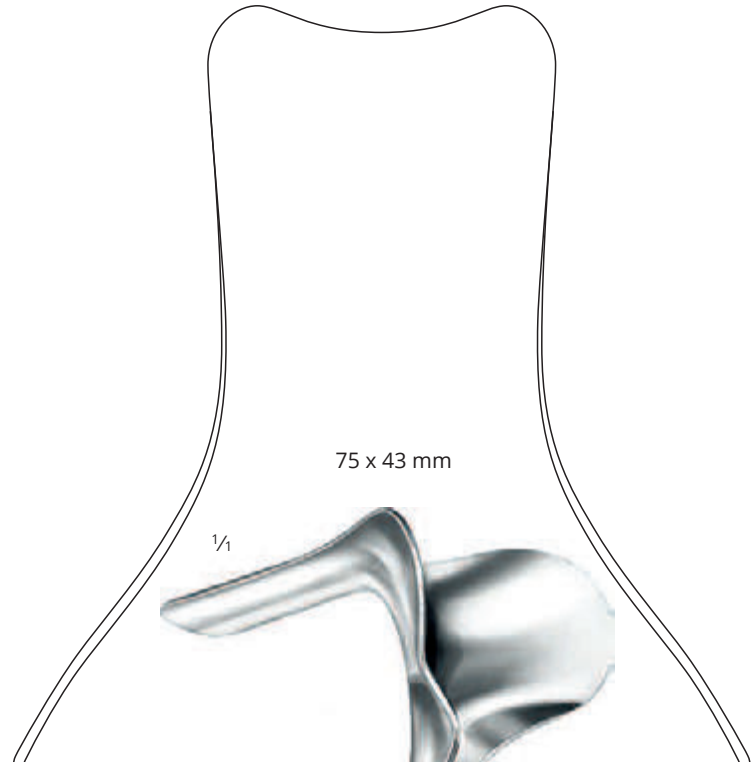
40



**Scherbak**  
40-030-14

20 cm / 7 <sup>7</sup>/<sub>8</sub> "

Handle for Vaginal Speculum  
Griff zum Vaginalspekulum  
Mango para espéculo vaginal  
Manche pour spéculum vaginal  
Manico per specolo vaginale



75 x 43 mm

1/1



**40-031-90-98**

Weight only  
Gewicht allein  
Peso suelta  
Poids seul  
Peso solo

1/2

**Auvard**

**40-031-22**

23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "

complete, with detachable weight  
komplett, mit abnehmbarem Gewicht  
completo, con peso desmontable  
complet, avec poids démontable  
completo, con peso smontabile

## Vaginal Specula, Vaginal Retractors



### Weissbarth

40-032-21

21 cm / 8 2/8"

80 x 42 mm

complete, with detachable strainer  
komplett, mit abnehmbarem Auffangsieb  
completo, con tamiz desmontable  
complet, avec tamis démontable  
completo, con crivello smontabile

### 40-032-99

Strainer for Vaginal Speculum  
Auffangsieb

Tamiz para espéculo vaginal  
Tamis pour spéculum vaginal  
Crivello per specola vaginale



40-032-21



### Breisky

40-033-20

40-035-40

40-033-20	100 x 20 mm	29.5 cm / 11 5/8"
40-033-25	100 x 25 mm	29.5 cm / 11 5/8"
40-033-30	100 x 30 mm	29.5 cm / 11 5/8"
40-033-35	100 x 35 mm	29.5 cm / 11 5/8"
40-033-40	100 x 40 mm	29.5 cm / 11 5/8"

40-034-20	130 x 20 mm	32 cm / 12 5/8"
40-034-25	130 x 25 mm	32 cm / 12 5/8"
40-034-30	130 x 30 mm	32 cm / 12 5/8"
40-034-35	130 x 35 mm	32 cm / 12 5/8"
40-034-40	130 x 40 mm	32 cm / 12 5/8"

40-035-20	160 x 40 mm	35 cm / 13 6/8"
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### Doyen

40-036-24

25 cm / 9 7/8"

## Endocervical Specula, Uterine Dilators

40



$\frac{1}{2}$   
Kogan  
40-037-24  
24.5 cm / 9  $\frac{5}{8}$ "



$\frac{1}{2}$   
Kogan  
40-038-24  
24.5 cm / 9  $\frac{5}{8}$ "

# Uterine Dilators



mm Ø		
1.0	40-039-01	
1.5		40-040-01
2.0	40-039-02	
2.5		40-040-02
3.0	40-039-03	
3.5		40-040-03
4.0	40-039-04	
4.5		40-040-04
5.0	40-039-05	
5.5		40-040-05
6.0	40-039-06	
6.5		40-040-06
7.0	40-039-07	
7.5		40-040-07
8.0	40-039-08	
8.5		40-040-08
9.0	40-039-09	
9.5		40-040-09
10.0	40-039-10	
10.5		40-040-10
11.0	40-039-11	
11.5		40-040-11
12.0	40-039-12	
12.5		40-040-12
13.0	40-039-13	
13.5		40-040-13
14.0	40-039-14	
14.5		40-040-14
15.0	40-039-15	
15.5		40-040-15
16.0	40-039-16	
16.5		40-040-16
17.0	40-039-17	
17.5		40-040-17
18.0	40-039-18	
19.0	40-039-19	
20.0	40-039-20	
21.0	40-039-21	
22.0	40-039-22	
23.0	40-039-23	
24.0	40-039-24	
25.0	40-039-25	
26.0	40-039-26	



1/2

Hegar  
40-040-17  
40-039-01  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>''

## 40-039-80

set of 14 pieces (full sizes) from 4,0 to 17,0 mm without case  
Satz mit 14 Stück (ganze Größen) von 4,0 bis 17,0 mm ohne Etui  
juego de 14 piezas (tamaños enteros) de 4,0 a 17,0 mm sin caja  
jeu de 14 pièces (taille entière) de 4,0 jusqu'à 17,0 mm sans boîte  
serie di 14 pezzi (grandezza intera) da 4,0 fino a 17,0 mm senza scatola

## 40-039-84

set of 14 pieces (full sizes) from 4,0 to 17,0 mm in metal case  
Satz mit 14 Stück (ganze Größen) von 4,0 bis 17,0 mm im Metalletui  
juego de 14 piezas (tamaños enteros) de 4,0 a 17,0 mm en caja metálica  
jeu de 14 pièces (taille entière) de 4,0 jusqu'à 17,0 mm en boîte métal  
serie di 14 pezzi (grandezza intera) da 4,0 fino a 17,0 mm in scatola metallica

## 40-039-90

set of 26 pieces (full sizes) from 1,0 to 26,0 mm without case  
Satz mit 26 Stück (ganze Größen) von 1,0 bis 26,0 mm ohne Etui  
juego de 26 piezas (tamaños enteros) de 1,0 a 26,0 mm sin caja  
jeu de 26 pièces (taille entière) de 1,0 jusqu'à 26,0 mm sans boîte  
serie di 26 pezzi (grandezza intera) da 1,0 fino a 26,0 mm senza scatola

## 40-039-90-98

metal case only, for Ø 4-7 mm  
Metalletui allein für Ø 4-7 mm  
caja metálica individual, para Ø 4-7 mm  
etui en métal, seul, pour Ø 4-7 mm  
scatola metallica singola, per Ø 4-7 mm

## 40-039-90-97

storage rails only, for Ø 1-25 mm  
Lagerungsschienen allein für Ø 1-25 mm  
raíles de almacenaje individuales, para Ø 1-25 mm  
rails de stockage, seuls, pour Ø 1-25 mm  
guide di magazzino singole, per Ø 1-25 mm

## 40-039-94-01

set complete, with metal case  
Satz komplett in Metalletui  
juego completo en caja metálica  
jeu complet, avec étui en métal  
set completo in scatola metallica

## Uterine Dilators

40



1/2

**Hegar**  
**40-041-02**  
**40-041-26**  
20 cm / 7 7/8"

mm Ø	
1.0 / 2.0	40-041-02
3.0 / 4.0	40-041-04
5.0 / 6.0	40-041-06
7.0 / 8.0	40-041-08
9.0 / 10.0	40-041-10
11.0 / 12.0	40-041-12
13.0 / 14.0	40-041-14
15.0 / 16.0	40-041-16
17.0 / 18.0	40-041-18
19.0 / 20.0	40-041-20
21.0 / 22.0	40-041-22
23.0 / 24.0	40-041-24
25.0 / 26.0	40-041-26

### 40-041-80

set of 8 pieces from 3,0 / 4,0 to 17,0 / 18,0 mm without case  
Satz mit 8 Stück von 3,0 / 4,0 bis 17,0 / 18,0 mm ohne Etui  
juego de 8 piezas de 3,0 / 4,0 a 17,0 / 18,0 mm sin caja  
jeu de 8 pièces de 3,0 / 4,0 jusqu'à 17,0 / 18,0 mm sans boîte  
serie di 8 pezzi da 3,0 / 4,0 fino a 17,0 / 18,0 mm senza scatola



## Uterine Dilators



### Hegar

40-041-82

set of 8 pieces from 3,0 / 4,0 to 17,0 / 18,0 mm  
in boilable canvas roll  
Satz mit 8 Stück von 3,0 / 4,0 bis 17,0 / 18,0 mm in  
auskochbarer Stoffrolltasche  
juego de 8 piezas de 3,0 / 4,0 a 17,0 / 18,0 mm en  
bolsa de tela esterilizable por ebullición  
jeu de 8 pièces de 3,0 / 4,0 jusqu'à 17,0 / 18,0 mm  
en pochette en treillis stérilisable par ébullition  
serie di 8 pezzi di 3,0 / 4,0 jusqu'à 17,0 / 18,0 mm  
in busta di tela sterilizzabile



### Hegar

40-041-84

set of 8 pieces from 3,0 / 4,0 to 17,0 / 18,0 mm in  
metal case with hinged lid  
Satz mit 8 Stück von 3,0 / 4,0 bis 17,0 / 18,0 mm im  
Metalletui mit Scharnierdeckel  
juego de 8 piezas de 3,0 / 4,0 a 17,0 / 18,0 mm en  
caja metálica con tapa de bisagra  
jeu de 8 pièces de 3,0 / 4,0 jusqu'à 17,0 / 18,0 mm en  
boîte métal à charnière  
serie di 8 pezzi da 3,0 / 4,0 fino a 17,0 / 18,0 mm in  
scatola metallica con coperchio a cerniera

## Uterine Dilators

40



1/2

### Hank

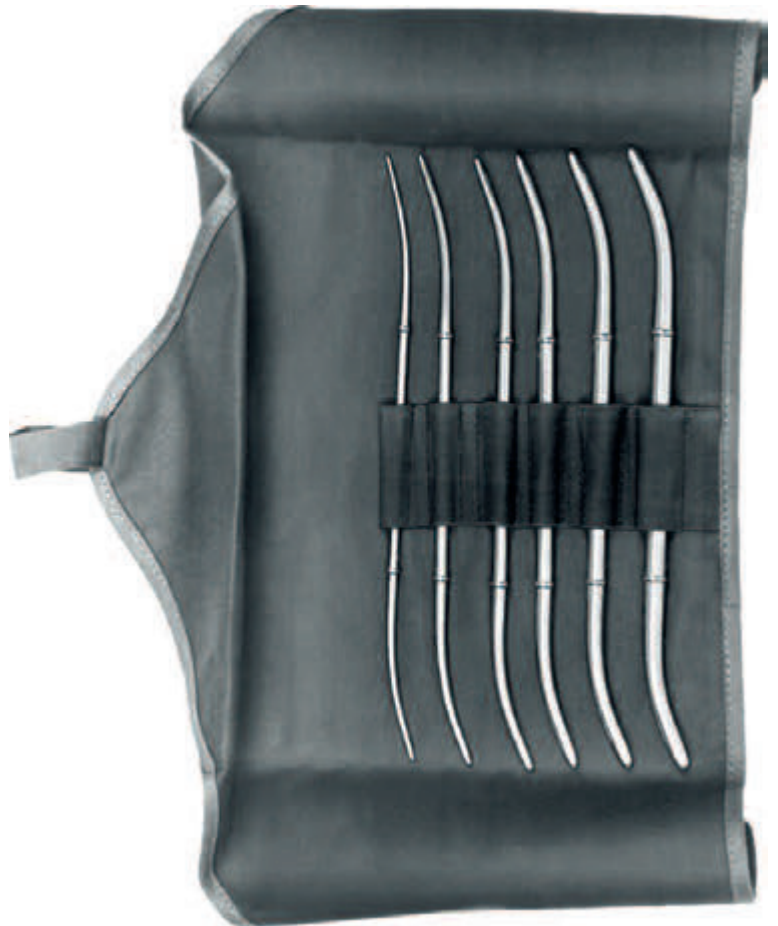
40-042-10

40-042-20

26.5 cm / 10 <sup>3</sup>/<sub>8</sub>"

American scale  
amerikanische Skala  
escala americana  
échelle américaine  
scala americana

	Fig.	mm Ø
40-042-10	9 / 10	4.5 / 5.0
40-042-12	11 / 12	5.5 / 6.0
40-042-14	13 / 14	6.5 / 7.0
40-042-16	15 / 16	7.5 / 8.0
40-042-18	17 / 18	8.5 / 9.0
40-042-20	19 / 20	9.5 / 10.0



### Hank

40-042-82

set of 6 piezas in boilable canvas roll  
juego de 6 piezas en bolsa de tela  
Satz mit 6 Stück in auskochbarer  
Stoffroleltasche  
esterilizable por ebullición  
jeu de 6 pièces en pochette en treillis  
stérilisable par ébullition  
serie di 6 pezzi in busta di tela  
sterilizzabile

## Uterine Sounds, Uterine Depressor

Cr

Ø 4 mm



1/2

**Sims**  
**40-043-33**  
 33 cm / 13 "  
 rigid  
 starr  
 rigido  
 rigide  
 rigido

Ø 4 mm



1/2

**Sims**  
**40-044-33**  
 33 cm / 13 "  
 malleable  
 biegsam  
 maleable  
 malléable  
 malleabile

Ø 4 mm



1/2

**Valleix**  
**40-045-29**  
 25.5 cm / 10"



1/2

**Braun**  
**40-046-26**  
 27 cm / 10 5/8"

## Uterine Tenaculum Forceps, Amniotome

40



1/2

Schröder  
40-047-25  
25.5 cm / 10 "



1/2

Braun  
40-048-26  
26 cm / 10 2/8"



1/2

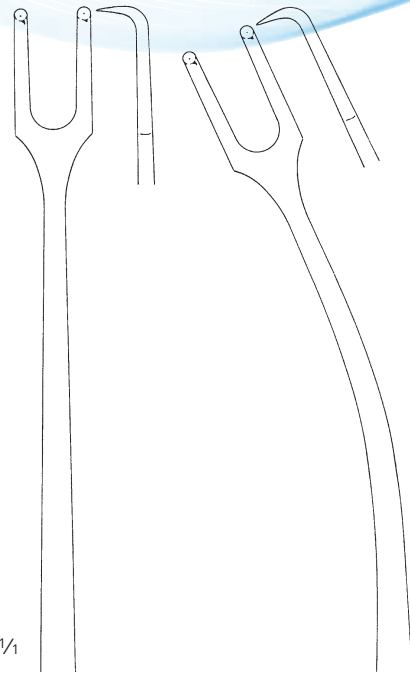
Duplay  
40-049-28  
28 cm / 11"



1/2

Beacham  
40-050-26  
26 cm / 10 2/8"

# Uterine Tenaculum Forceps



1/4  
40-052-25

1/4  
40-053-25



1/2  
Skene  
40-051-24  
24 cm / 9 4/8"



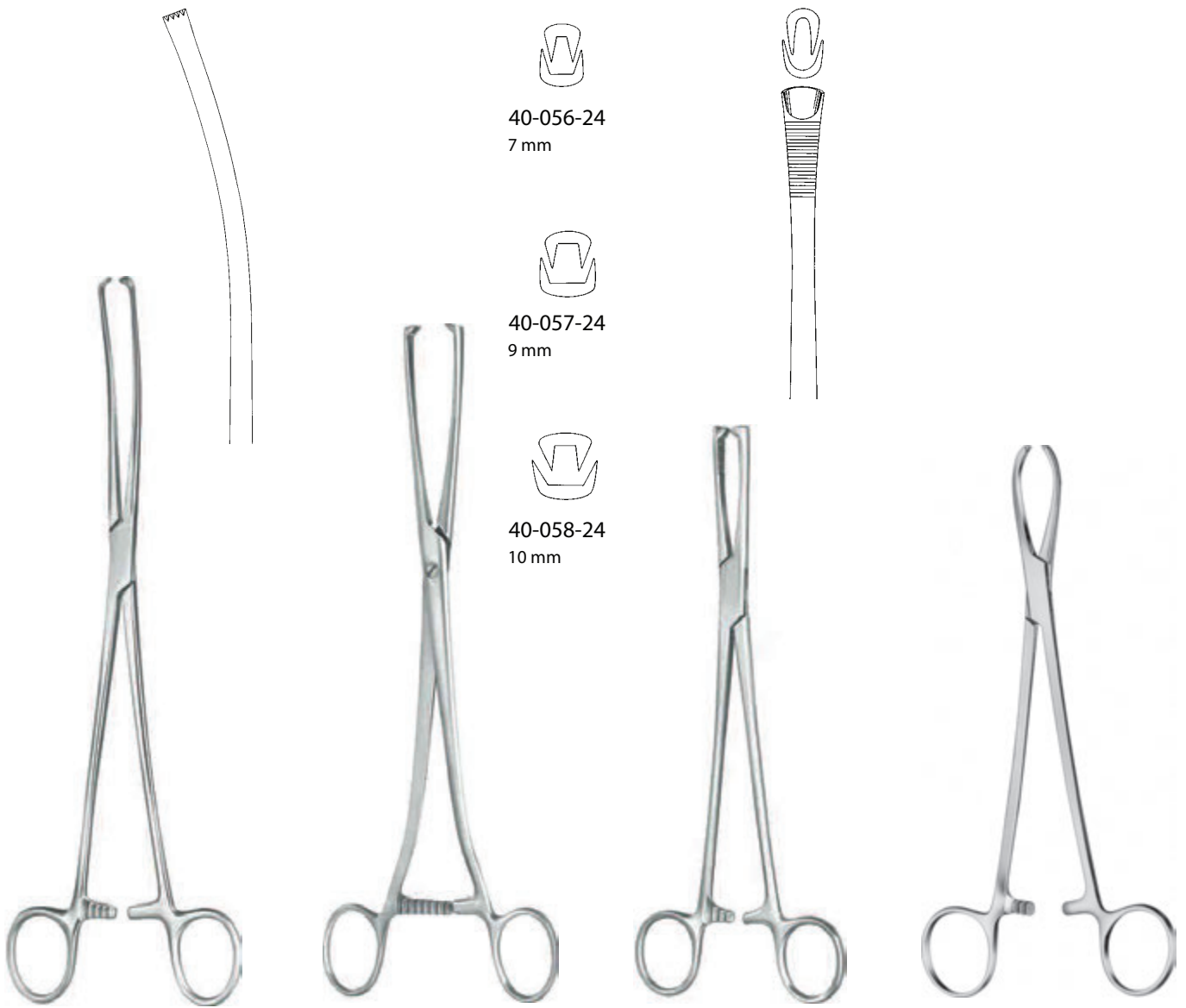
1/2  
Schröder  
40-052-25  
40-053-25  
25 cm / 9 7/8"



1/2  
Teale  
40-054-23  
23 cm / 9"



# Uterine Tenaculum Forceps



**Lova**  
40-055-26  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"

**Museux**  
40-056-24  
40-058-24  
24 cm / 9 <sup>4</sup>/<sub>8</sub>"

**Jacobs**  
40-059-21  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"

**Littlewood**  
40-093-02  
18.5 cm / 7.28"



# Uterine Tenaculum Forceps



40-060-26  
26.5 cm / 10 <sup>3</sup>/<sub>8</sub> "



**Braun**  
40-061-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub> "



**Czerny**  
40-062-21  
21 cm / 8 <sup>2</sup>/<sub>8</sub> "



## Uterine Tenaculum Forceps

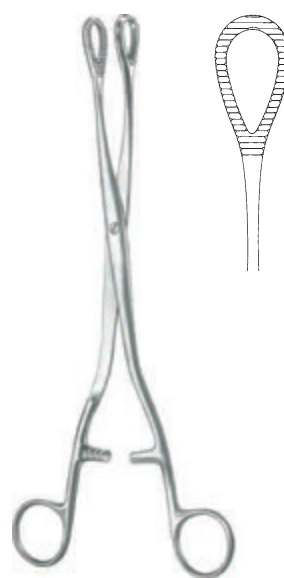
40



**Kelly**  
40-063-32  
31.5 cm / 12 <sup>3</sup>/<sub>8</sub>"



**Noto**  
40-064-27  
27 cm / 10 <sup>5</sup>/<sub>8</sub>"



**Heywood-Smith**  
40-065-26  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"



**Bonney**  
40-094-01  
24 cm / 9.44"



## Myoma Screws, Myoma Knife



Doyen  
40-066-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "  
Ø 15 mm



Doyen  
40-067-15  
15 cm / 5 <sup>7</sup>/<sub>8</sub> "  
Ø 25 mm



T-Handle  
40-093-01  
20.5 cm / 8.07 "



Segond  
40-068-28  
28 cm / 11 "

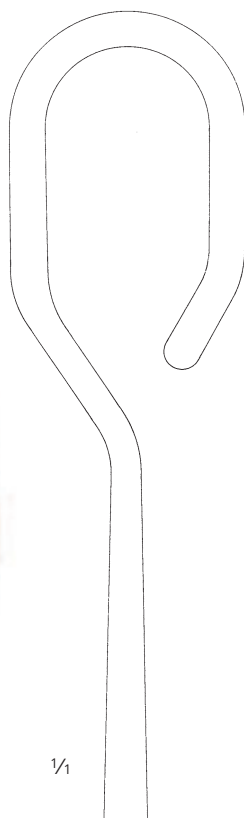


## Uterine Seizing Forceps

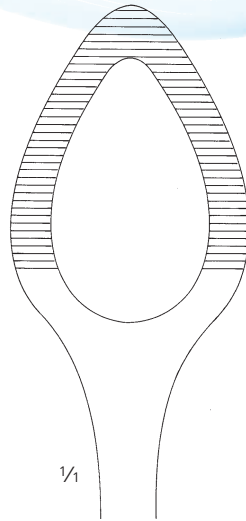
40



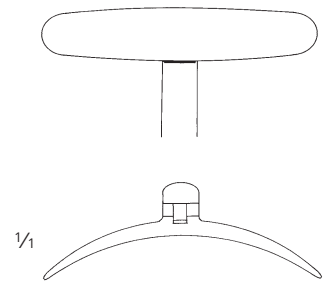
Dartigues  
40-069-27  
27 cm / 10 <sup>5</sup>/<sub>8</sub> "



Somer  
40-070-23  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub> "



Collin  
40-071-26  
26 cm / 10 <sup>2</sup>/<sub>8</sub> "



# Fistula Hooks

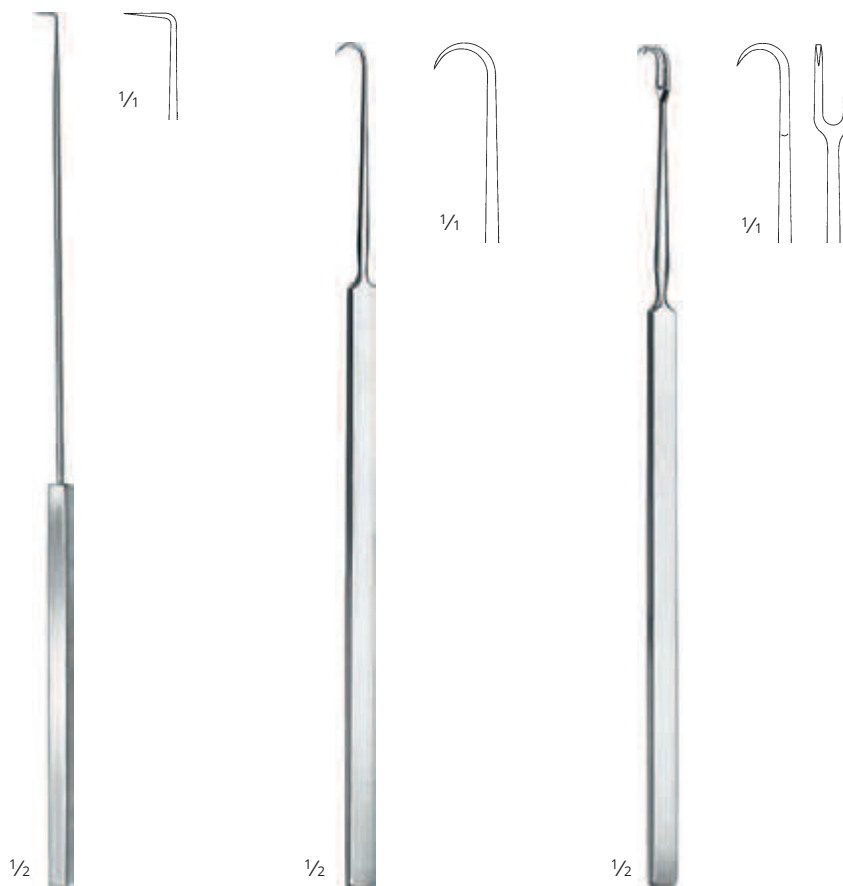


Fig.3  
**Emmett**  
40-072-23  
23 cm / 9 "

**Simon**  
40-073-22  
21.5 cm / 8 4/8 "

**Simon**  
40-074-22  
21.5 cm / 8 4/8 "

# Suction Curettes



**Novak**  
**40-075-24**  
 24.5 cm / 9 5/8"  
 with Luer-Lock connection  
 mit Luer-Lock Ansatz  
 con conexión Luer-Lock  
 avec connection Luer-Lock  
 con raccordo Luer-Lock



**Kevorkian**  
**40-076-30**  
 30 cm / 11 6/8"



**Mod. München**  
**40-077-27**  
 27 cm / 10 5/8"

# Uterine Biopsy Forceps



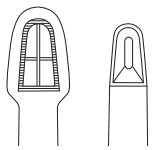
**Gellhorn**  
40-078-24  
24 cm / 9 4/8"   
8.6 mm



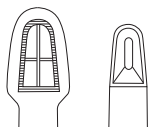
**Faure**  
40-079-21  
21 cm / 8 2/8"   
8.4 mm



**Schubert**  
40-080-21  
40-080-28  
4.8 mm



**40-080-21**  
21.5 cm / 8 4/8"



**40-080-28**  
28 cm / 11"

# Uterine Biopsy Forceps



Thoms-Gaylor  
40-081-21  
40-081-24  
Ø 5.6 mm

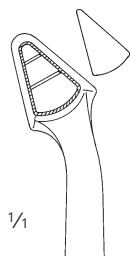


Schubert  
40-082-24  
24 cm / 9 4/8 inch  
5.0 mm

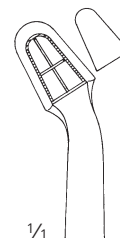
## Uterine Biopsy Forceps



Van Doren  
40-083-27  
27 cm / 10 <sup>5</sup>/<sub>8</sub> "  
5.5 mm



Van Doren  
40-084-25  
25.5 cm / 10 "  
4.9 mm



## Uterine Biopsy Forceps

40



**Alexander**  
40-085-28

retrograde cutting, jaws curved to left, suitable als in colposcopy  
retrograder Schnitt, Maul nach links gebogen, geeignet für Kolposkopie  
corte retrograde, boca curva hacia izquierda, utilizable en colposcopia  
coupe retrograde, mors courbé vers gauche, approprié pour colposcopie  
filo retrogrado, morso curvato verso, adatto per colposcopia

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta  
195 mm

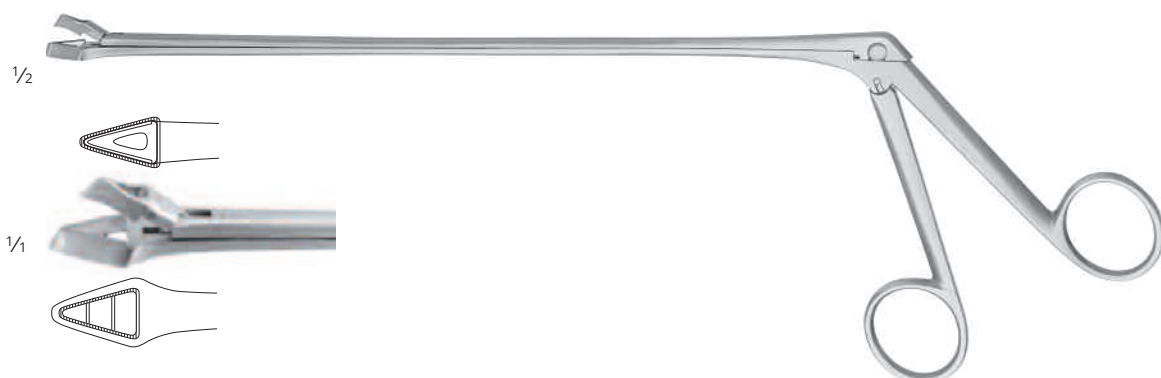
Maul 5,1 mm breit  
jaw 5,1 mm wide  
boca 5,1 mm de ancho  
mors largeur 5,1 mm  
morso larghezza 5,1 mm



**Kevorkian**  
40-086-32

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta  
250 mm

jaw 3 mm wide  
Maul 3 mm breit  
boca 3 mm de ancho  
mors largeur 3 mm  
morso larghezza 3 mm



**Schumacher**  
40-087-02

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta  
225 mm

jaw 5,4 mm wide  
Maul 5,4 mm breit  
boca 5,4 mm de ancho  
mors largeur 5,4 mm  
morso larghezza 5,4 mm



## Uterine Biopsy Forceps, IUP Grasping Forceps



1/2

1/1

**40-088-00**

complete  
komplett  
completo  
complet  
completo

**Schumacher**

**40-088-00**

**40-088-01**

25 cm / 9 5/8"



**40-088-01**

Tip only  
Aufsatz allein  
Punta suelta  
Embout, seul  
Punta, sola



40-088-00

**40-089-01**

Handle, only  
Handgriff, allein  
Mango, suelta  
Manche, seule  
Manico, sola



40-088-00

**40-082-20**

Interchangeable tube, only  
Verlängerungsrohr, allein  
Tubo de extension, suelta  
Tube rallonge, seule  
Tubo allunghi, sola



40-088-00

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta  
250 mm

jaw 4,3 mm wide  
Maul 4,3 mm breit  
boca 4,3 mm de ancho  
mors largeur 4,3 mm  
morso larghezza 4,3 mm



1/2

1/1

**40-083-27**

27 cm / 10 5/8"

Ø 3.0 mm

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta  
225 mm

**40-083-32**

32 cm / 12 5/8"

Ø 3.0 mm

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta  
270 mm

**40-083-27**

**40-083-32**

flexible shaft, for grasping intra uterine pessary  
flexibler Schaft, zum Fassen von Intrauterinpeßsaren  
vástago flexible, para coger dispositivos intra-uterinos  
tige flexible, pour saisir dispositif intra-utérin  
asta flessibile, per afferrare dispositivo intra-uterino

# Uterine Scoops, Uterine Curettes



Fig.1  
40-084-01  
23 cm / 9"  
10 x 7 mm



Fig.2  
40-084-02  
23.5 cm / 9 2/8"  
12 x 8 mm

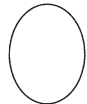


Fig.3  
40-084-03  
24 cm / 9 4/8"  
13 x 10 mm

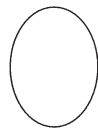


Fig.4  
40-084-04  
24 cm / 9 4/8"  
16 x 12 mm

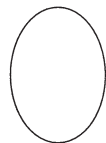


Fig.5  
40-084-05  
24 cm / 9 4/8"  
18 x 13 mm

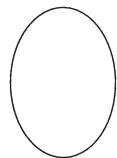


Fig.6  
40-084-06  
24 cm / 9 4/8"  
20 x 15 mm



1/2

**Simon**  
40-084-01  
40-084-06  
sharp, rigid  
scharf, fest  
cortante, rigido  
tranchante, rigide  
tagliente, rigido



1/2

**Simon**  
40-085-01  
40-085-06  
30 cm / 11 6/8"  
sharp, rigid  
scharf, fest  
cortante, rigido  
tranchante, rigide  
tagliente, rigido



Fig.1  
40-085-01  
10 x 7 mm



Fig.2  
40-085-02  
12 x 8 mm

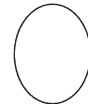


Fig.3  
40-085-03  
13 x 10 mm



Fig.4  
40-085-04  
16 x 12 mm



Fig.5  
40-085-05  
18 x 13 mm



Fig.6  
40-085-06  
20 x 15 mm



1/2

**Blake**  
40-086-00  
27.5 cm / 10 7/8"  
blunt  
stumpf  
romo  
mousse  
smusso  
13 mm  
  
sharp  
scharf  
agudo  
pointu  
acuto  
8 mm

# Uterine Curettes



Recamier  
40-087-05  
40-087-40

Recamier  
40-088-05  
40-088-40

Sims  
40-089-05  
40-089-40

Sims  
40-090-05  
40-090-40

Fig	width Breite anchura largeur larghezza	sharp, rigid scharf, fest cortante, rigido tranchante, rigide tagliente, rigido	sharp, malleable scharf, biegsam cortante, maleable tranchante, malléable tagliente, malleabile
-----	--	---	---

00	5 mm	40-087-05	40-088-05
0	6 mm	40-087-06	40-088-06
1	7 mm	40-087-07	40-088-07
2	8 mm	40-087-08	40-088-08
3	9 mm	40-087-09	40-088-09
4	11 mm	40-087-11	40-088-11
5	12 mm	40-087-12	40-088-12
6	14 mm	40-087-14	40-088-14
7	15 mm	40-087-15	40-088-15
8	16 mm	40-087-16	40-088-16
9	19 mm	40-087-19	40-088-19
10	20 mm	40-087-20	40-088-20
11	21 mm	40-087-21	40-088-21
12	23 mm	40-087-23	40-088-23
13	25 mm	40-087-25	40-088-25
14	30 mm	40-087-30	40-088-30
15	35 mm	40-087-35	40-088-35
16	40 mm	40-087-40	40-088-40

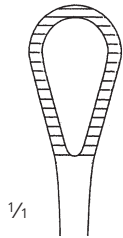
Fig	width Breite anchura largeur larghezza	blunt, rigid stumpf, fest romo, rigido mousse, rigide smusso, rigido	blunt, malleable stumpf, biegsam romo, maleable mousse, malléable smusso, malleabile
-----	--	--	--

00	5 mm	40-089-05	40-090-05
0	6 mm	40-089-06	40-090-06
1	7 mm	40-089-07	40-090-07
2	8 mm	40-089-08	40-090-08
3	9 mm	40-089-09	40-090-09
4	11 mm	40-089-11	40-090-11
5	12 mm	40-089-12	40-090-12
6	14 mm	40-089-14	40-090-14
7	15 mm	40-089-15	40-090-15
8	16 mm	40-089-16	40-090-16
9	19 mm	40-089-19	40-090-19
10	20 mm	40-089-20	40-090-20
11	21 mm	40-089-21	40-090-21
12	23 mm	40-089-23	40-090-23
13	25 mm	40-089-25	40-090-25
14	30 mm	40-089-30	40-090-30
15	35 mm	40-089-35	40-090-35
16	40 mm	40-089-40	40-090-40

# Uterine Curettes



## Uterine Curettes, Suction Curettes



40-091-10  
10 mm



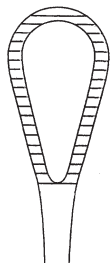
40-092-03  
Ø 3.0 mm



40-092-04  
Ø 4.5 mm



40-092-06  
Ø 6.0 mm



40-091-12  
12 mm



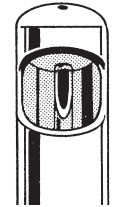
1/2



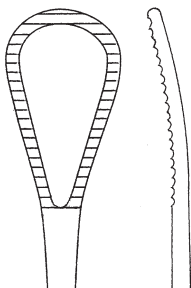
40-092-08  
Ø 8.0 mm



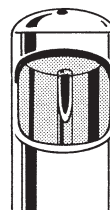
40-092-10  
Ø 10 mm



40-092-12  
Ø 12 mm



40-091-14  
14 mm



40-092-14  
Ø 14 mm



1/2

40-092-50  
11 cm / 4 3/8"  
Coupling Piece  
Kupplungsstück  
Pieza de acoplamiento  
Pièce de raccordement  
Pezzo di collegamento



1/2

Greene  
40-091-12  
40-091-14  
28 cm / 11"

40-092-03  
40-092-14  
29 cm / 11 3/8"



42

# Obstetrics

## Pelvimeter



cm / inch scale  
 Skala in cm und Inch  
 escala en cm / pulgadas  
 échelle en cm / pouces  
 scal in cm / pollici

1/4

**Martin**  
**42-001-35**  
 35 cm / 13 7/8"

## Obstetrical Forceps



**42-002-36**  
 36.5 cm / 14 3/8"

**42-002-40**  
 40.5 cm / 16 "

1/4

**Nägele**  
**42-002-36**  
**42-002-40**



1/4

**Simpson**  
**42-003-30**  
 30.5 cm / 12 "



1/4

**Wrigley**  
**42-004-28**  
 28 cm / 11 "



1/4

**Simpson**  
**42-005-36**  
 36.5 cm / 14 2/8"

 $\frac{1}{4}$ 

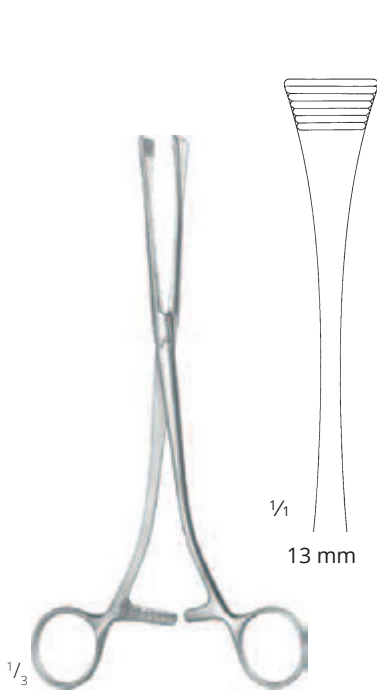
**Kielland**  
**42-006-41**  
41 cm / 16  $\frac{1}{8}$ "

 $\frac{1}{4}$ 

**Piper**  
**42-007-44**  
44.5 cm / 17  $\frac{1}{8}$ "



## Grooved Directors, Fistula Probes



### Green-Armytage

**42-008-21**

21 cm / 8 2/8"

Uterine Clamp

Klemmzange

Pinza uterina para hemostasis

Pince utérine pour hémostase

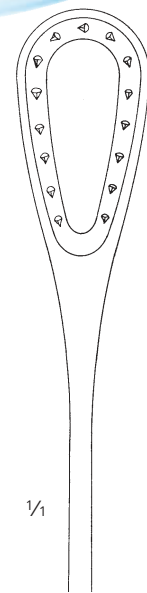
Pinza emostatiche per tagli cesarei



### Säger

**42-009-27**

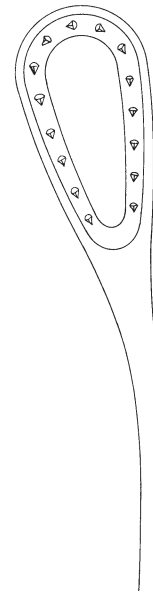
**42-010-27**



17.5 mm

**42-009-27**

27.5 cm / 10 7/8"



17.5 mm

**42-010-27**

27 cm / 10 5/8"



### Winter

**42-011-01**

**42-012-02**

28 cm / 11"

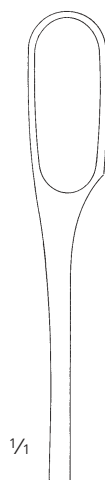


Fig.1

**42-011-01**

9.5 mm



Fig.2

**42-011-02**

13.5 mm

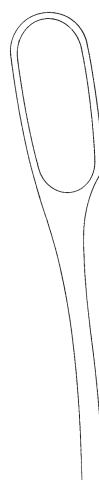


Fig.1

**42-012-01**

9.5 mm

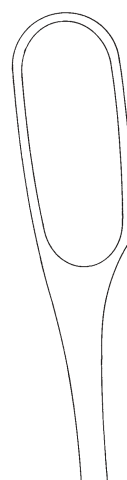


Fig.2

**42-012-02**

13.5 mm



### Sellheim

**42-013-32**

32 cm / 12 5/8"

Obstetrical Lever

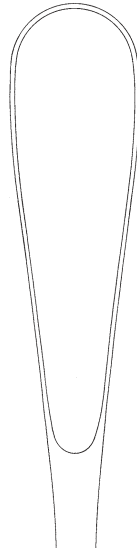
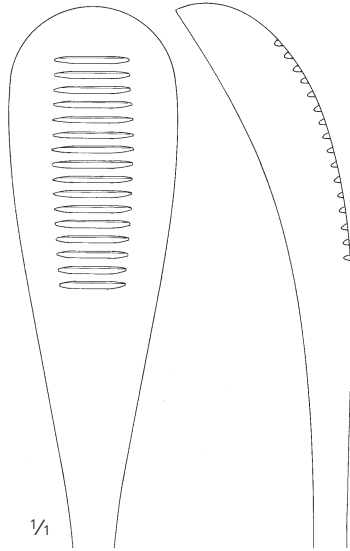
Geburtslöffel

Elevador obstétrico

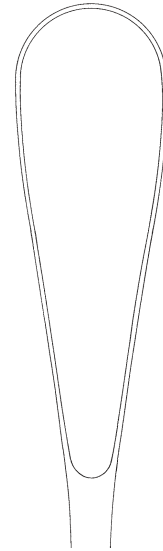
Levier obstétrique

Leva ostetrica

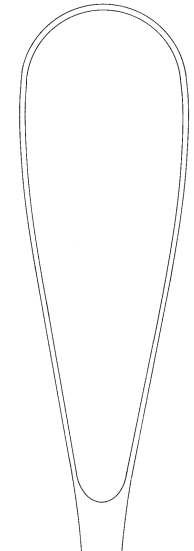
# Placenta and Ovum Forceps



42-014-01  
17 mm



42-014-02  
20 mm



42-014-03  
23 mm

1/2

### Cuzzi

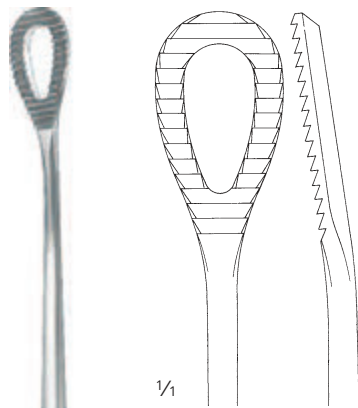
42-014-01

42-014-03

30 cm / 11 5/8"

blunt, backside serrated  
stumpf, Rückseite gerieft  
romo, dorso estriado  
mousse, verso estrie  
smusso, dorso scanallato

## Placenta Scoops



1/1

1/1

**Pestalozza**  
**42-015-30**  
30.5 cm / 12 "



1/2

**Collin**  
**42-016-09**  
8.5 cm / 3 <sup>3</sup>/<sub>8</sub> "



44

# Calipers



1/2

**Castroviejo  
44-001-08**

8 cm / 3 1/8"  
effective range  
Messbereich  
alcance eficaz  
série effectif  
rango effective  
0-15 mm



1/2

**Castroviejo  
44-002-08**

8 cm / 3 1/8"  
effective range  
Messbereich  
alcance eficaz  
série effectif  
rango effective  
0-20 mm



1/2

**Castroviejo  
44-003-08**

8 cm / 3 1/8"  
effective range  
Messbereich  
alcance eficaz  
série effectif  
rango effective  
0-20 mm



1/2

**Castroviejo-Epker  
44-004-09**

9 cm / 3 4/8"  
effective range  
Messbereich  
alcance eficaz  
série effectif  
rango effective  
0-40 mm



1/2

**Castroviejo-Epker  
44-005-18**

18 cm / 7 1/8"  
effective range  
Messbereich  
alcance eficaz  
série effectif  
rango effective  
0-40 mm



**Lead hand  
26-252-21**

33 cm / 13"



**Bowman**  
**44-006-00**  
**44-006-78**  
 13 cm / 5 1/8"

Fig.	
00/000	44-006-99
00/0	44-006-00
0/1	44-006-01
1/2	44-006-12
2/3	44-006-23
3/4	44-006-34
4/5	44-006-45
6/7	44-006-56
7/8	44-006-78



**Bowman**  
**44-007-00**  
**44-007-78**  
 13 cm / 5 1/8"

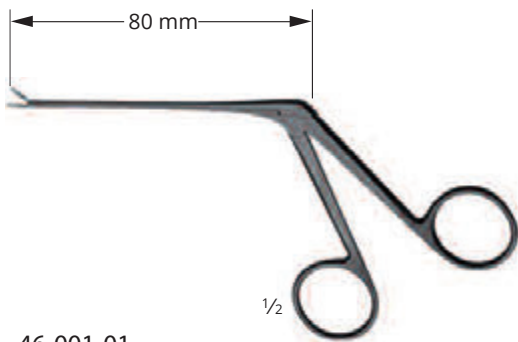
Fig.	
00/0	44-007-00
0/1	44-007-01
1/2	44-007-12
2/3	44-007-23
3/4	44-007-34
4/5	44-007-45
6/7	44-007-56
7/8	44-007-78



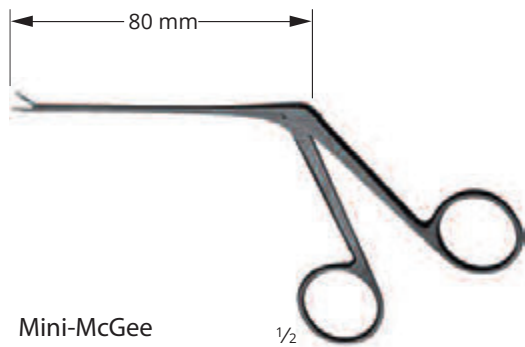
46

# Otology

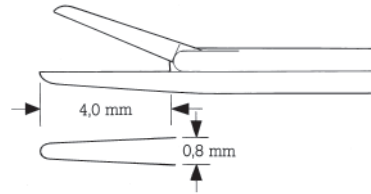
# Micro Ear Forceps



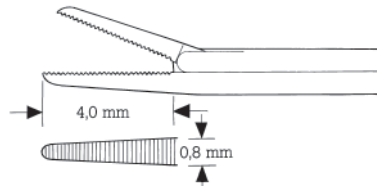
46-001-01  
46-001-09



Mini-McGee  
46-001-11  
46-001-16



**46-001-01**  
4.0 x 0.8 mm  
smooth, straight  
glatt, gerade  
lisa, recta  
lisse, droite  
liscia, retta



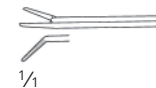
**46-001-06**  
4.0 x 0.8 mm  
serrated, straight  
gerieft, gerade  
estriada, recta  
striée, droite  
con scanalatura, retta



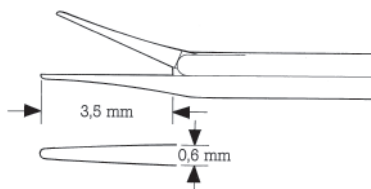
**46-001-07**  
4.0 x 0.8 mm  
bent upwards, serrated  
aufgebogen, gerieft  
curva por arriba, estriada  
courbée vers le haut, striée  
curva in alto, con scanalatura



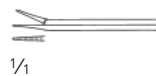
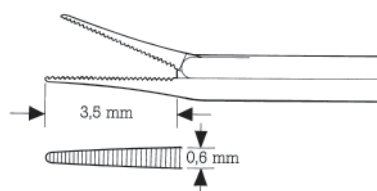
**46-001-08**  
4.0 x 0.8 mm  
right, serrated  
rechts, gerieft  
derecha, estriada  
droite, striée  
destra, con scanalatura



**46-001-09**  
4.0 x 0.8 mm  
left, serrated  
links, gerieft  
izquierda, estriada  
gauche, striée  
sinistra, con scanalatura



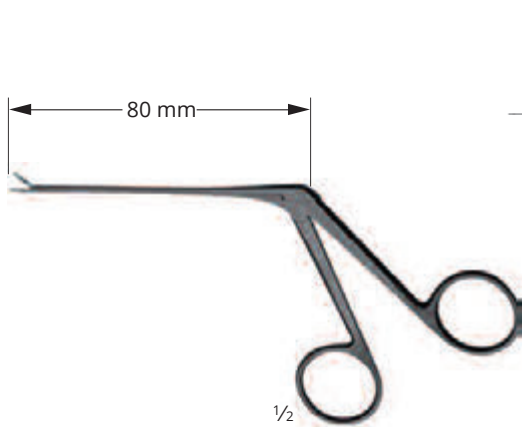
**46-001-11**  
3.5 x 0.6 mm  
smooth, straight  
glatt, gerade  
lisa, recta  
lisse, droite  
liscia, retta



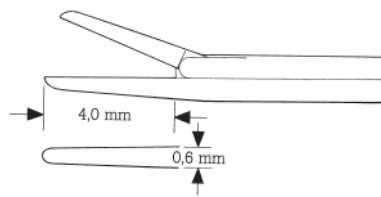
**46-001-16**  
3.5 x 0.6 mm  
serrated, straight  
gerieft, gerade  
estriada, recta  
striée, droite  
con scanalatura, retta



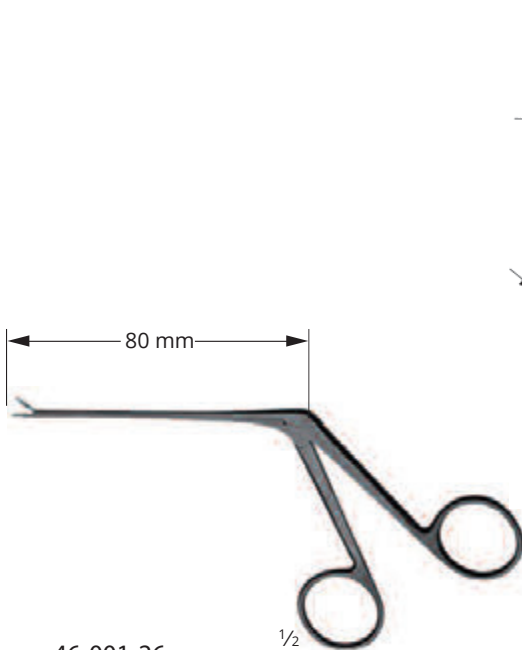
# Micro Ear Forceps



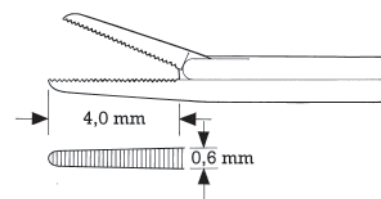
46-001-21



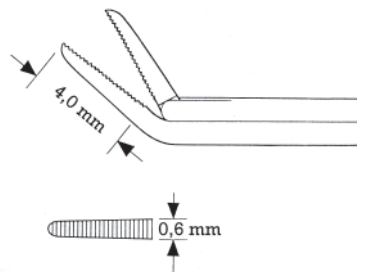
**46-001-21**  
smooth, straight  
glatt, gerade  
lisa, recta  
lisse, droite  
liscia, retta



46-001-26  
46-001-29



**46-001-26**  
4.0 x 0.6 mm  
serrated, straight  
gerieft, gerade  
estriada, recta  
striée, droite  
con scanalatura, retta



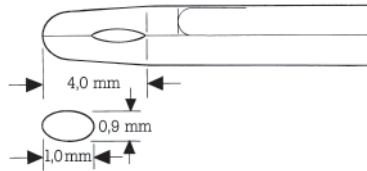
**46-001-27**  
bent upwards, serrated  
aufgebogen, gerieft  
curva por arriba, estriada  
courbée vers le haut, striée  
curva in alto, con scanalatura

**46-001-28**  
right, serrated  
rechts, gerieft  
derecha, estriada  
droite, striée  
destra, con scanalatura

**46-001-29**  
right, serrated  
rechts, gerieft  
derecha, estriada  
droite, striée  
destra, con scanalatura

# Micro Ear Forceps

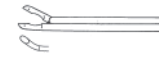
cup  
Löffel  
cucharilla  
curette  
cucchiaio  
1,0 x 0,9 mm



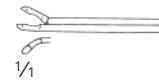
**46-002-01**  
4.0 mm  
straight  
gerade  
recta  
droite  
retta



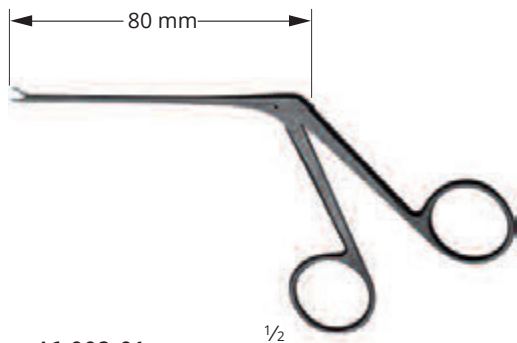
**46-002-02**  
4.0 mm  
bent upwards  
aufgebogen  
curva por arriba  
courbée en haut  
curva in alto



**46-002-03**  
4.0 mm  
right  
rechts  
derecha  
droite  
destra

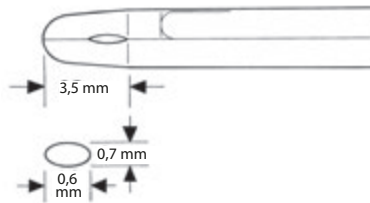


**46-002-04**  
4.0 mm  
left  
links  
izquierda  
gauche  
sinistra



46-002-01  
46-002-04

cup  
Löffel  
cucharilla  
curette  
cucchiaio  
0.6 x 0.7 mm



**46-002-11**  
3.5 mm  
straight  
gerade  
recta  
droite  
retta



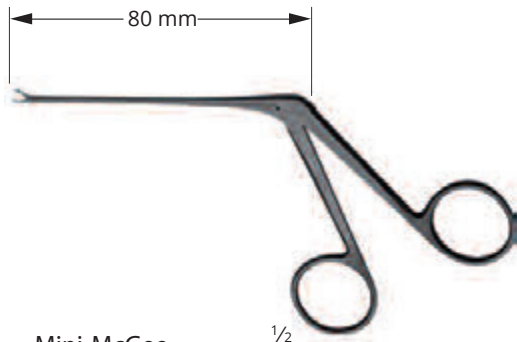
**46-002-12**  
3.5 mm  
bent upwards  
aufgebogen  
curva por arriba  
courbée en haut  
curva in alto



**46-002-13**  
3.5 mm  
right  
rechts  
derecha  
droite  
destra

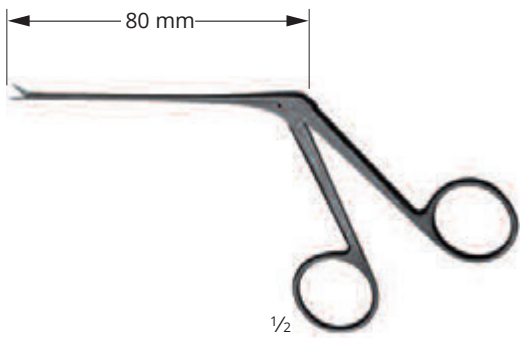


**46-002-14**  
3.5 mm  
left  
links  
izquierda  
gauche  
sinistra

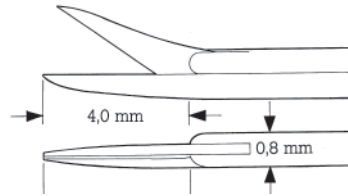


Mini-McGee  
46-002-11  
46-002-14

# Micro Ear Scissors



**Bellucci**  
 46-003-01  
 46-003-04  
 very fine  
 sehr fein  
 muy fina  
 très fine  
 molto delicata

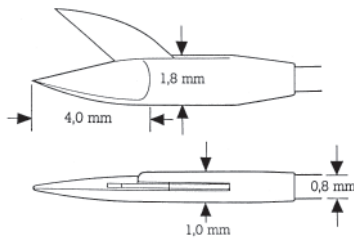


**46-003-01**  
 straight  
 gerade  
 recta  
 droite  
 retta

**46-003-02**  
 bent upwards  
 aufgebogen  
 curva por arriba  
 courbée en haut  
 curva in alto

**46-003-03**  
 right  
 rechts  
 derecha  
 droite  
 destra

**46-003-04**  
 left  
 links  
 izquierda  
 gauche  
 sinistra

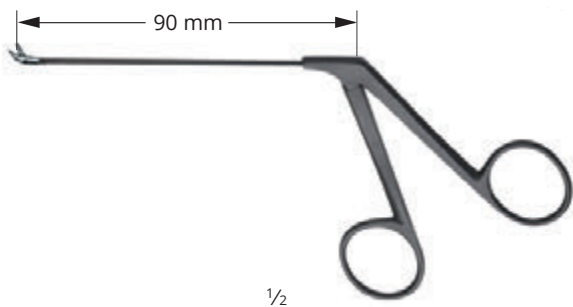


**46-003-51**  
 straight  
 gerade  
 recta  
 droite  
 retta

**46-003-52**  
 bent upwards  
 aufgebogen  
 curva por arriba  
 courbée en haut  
 curva in alto

**46-003-53**  
 right  
 rechts  
 derecha  
 droite  
 destra

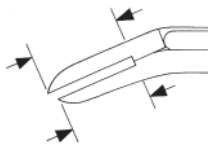
**46-003-54**  
 left  
 links  
 izquierda  
 gauche  
 sinistra



**Wullstein**  
 46-003-51  
 46-003-54

## Micro Ear Forceps

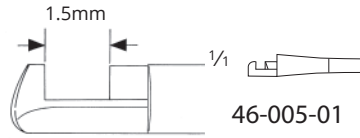
46



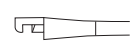
**46-004-11**  
0.8 x 3.5 mm  
bent downwards  
abgebogen  
curva por abajo  
courbée vers le bas  
curva in basso



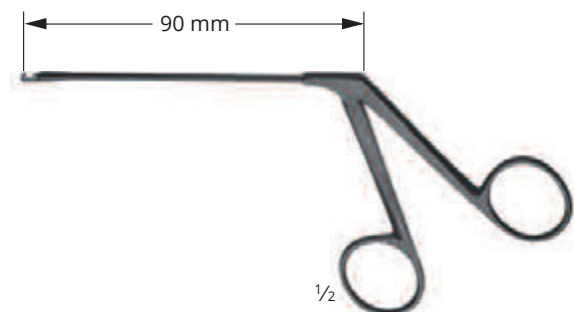
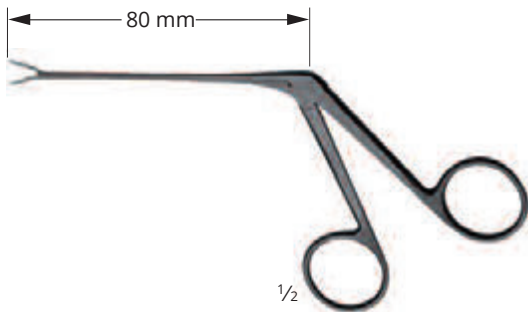
**46-004-16**  
0.8 x 6.0 mm  
bent downwards  
abgebogen  
curva por abajo  
courbée vers le bas  
curva in basso



**46-005-01**  
up-cutting  
oben schneidend  
corte arriba  
tranchante en haut  
tagliante in alto



**46-005-02**  
down-cutting  
unten schneidend  
corte abajo  
tranchante en bas  
tagliante in basso



### McGee

46-004-11  
46-004-16

Wire Bending Forceps  
Drahtbiegezängchen  
Pinza para plegar alambre  
Pince à plier les fils d'acier  
Pinza per piegare fili metallici

### House-Dieter

46-005-01  
46-005-02

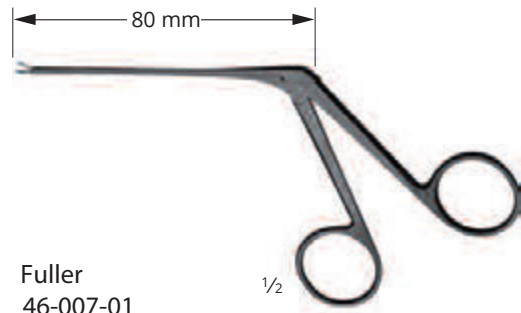
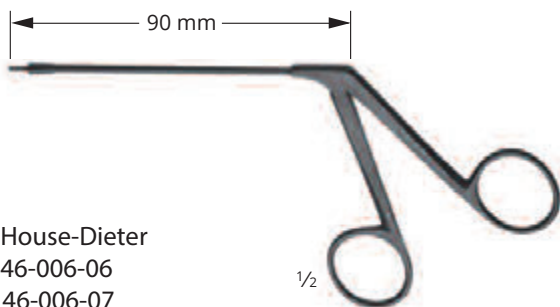
Malleus Nipper  
Hammerkopfzängchen  
Pinza para cabezal del maléolo  
Pince pour l'os marteau  
Pinza per testa del martelletto



**46-006-06**  
right-cutting  
rechts schneidend  
corte derecho  
tranchant à droite  
tagliante a destra



**46-006-07**  
left-cutting  
links schneidend  
corte izquierdo  
tranchant à gauche  
tagliante a sinistra



### House-Dieter

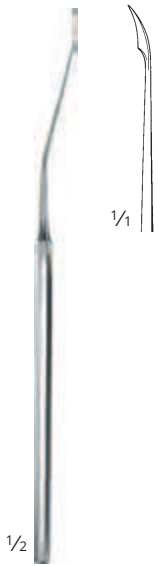
46-006-06  
46-006-07

Malleus Nipper  
Hammerkopfzängchen  
Pinza para cabezal del maléolo  
Pince pour l'os marteau  
Pinza per testa del martelletto

**Fuller**  
46-007-01

Introducing Forceps, for teflon prosthesis  
Einführungszängchen, für Teflonprothesen  
Pinza para introducir, para prótesis de teflon  
Pince pour introduction, pour prothèse en téflon  
Pinza per introduzione, per protesi in teflon

## Micro Ear Knives



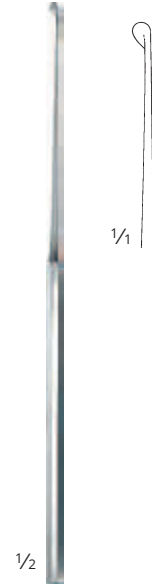
**Schuknecht**  
**46-008-14**  
 14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"  
 Sickle Knife  
 Sichelmesser  
 Cuchillo de hoz  
 Synéchiotome  
 Coltello falcato come sinechia



**Wullstein**  
**46-009-15**  
 15.5 cm / 6 <sup>1</sup>/<sub>8</sub>"  
 Sickle Knife  
 Sichelmesser  
 Cuchillo de hoz  
 Synéchiotome  
 Coltello falcato come sinechia



**Tabb**  
**46-010-16**  
 15.5 cm / 6 <sup>1</sup>/<sub>8</sub>"  
 Mucosa Knife  
 Schleimhautmesser  
 Cuchillo para mucosa  
 Couteau pour muqueuse  
 Bisturi per mucosa



**Plester**  
**46-011-15**  
 15 cm / 5 <sup>7</sup>/<sub>8</sub>"  
 Flap Knife  
 Lappenmesser  
 Cuchillo para lóbulos  
 Couteau lobaire  
 Coltello per lobi



**Rosen**  
**46-012-01**  
**46-012-07**  
 15 cm / 5 <sup>7</sup>/<sub>8</sub>"



**Fig.1**  
**46-012-01**  
 Ø 3.0 mm



**Fig.2**  
**46-012-02**  
 Ø 2.8 mm



**Fig.3**  
**46-012-03**  
 Ø 2.6 mm



**Fig.4**  
**46-012-04**  
 Ø 2.0 mm



**Fig.5**  
**46-012-05**  
 Ø 1.6 mm



**Fig.6**  
**46-012-06**  
 Ø 1.4 mm



**Fig.7**  
**46-012-07**  
 Ø 1.0 mm

# Micro Ear Hooks, Micro Ear Needles



Barbara  
46-013-01



Barbara  
46-013-02



Barbara  
46-013-03



Rosen  
46-013-04



25°  
hook  
Haken  
gancho  
crochet  
gancio



45°  
hook  
Haken  
gancho  
crochet  
gancio



90°  
hook  
Haken  
gancho  
crochet  
gancio



46-013-06	0.3 mm
46-013-07	0.6 mm
46-013-08	1.0 mm

46-013-11	0.3 mm
46-013-12	0.6 mm
46-013-13	1.0 mm
46-013-14	1.2 mm
46-013-15	1.5 mm
46-013-16	2.0 mm
46-013-17	2.5 mm

46-013-21	0.3 mm
46-013-22	0.6 mm
46-013-23	1.0 mm
46-013-24	1.2 mm
46-013-25	1.5 mm
46-013-26	2.0 mm
46-013-27	2.5 mm

46-013-31	0.5 mm
46-013-32	1.0 mm

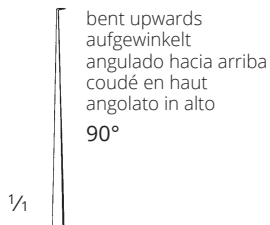


1/2  
Barbara  
46-013-01  
46-013-32  
16 cm / 6 2/8"

# Micro Ear Hooks, Micro Ear Needles



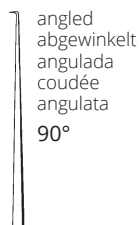
46-014-01  
46-015-12



bent upwards  
aufgewinkelt  
angulado hacia arriba  
coudé en haut  
angolato in alto  
90°

15.5 cm / 6 1/8"

46-014-01	0.3 mm
46-014-02	0.6 mm
46-014-03	1.0 mm



angled  
abgewinkelt  
angulada  
coudée  
angolata  
90°

15.5 cm / 6 1/8"

46-014-06	0.3 mm
46-014-07	0.6 mm
46-014-08	1.0 mm



bent upwards  
aufgebogen  
angulado hacia arriba  
coudé en haut  
angolato in alto

**McGee**  
15.5 cm / 6 1/8"

46-015-01	0.5 mm
46-015-02	1.0 mm

for footplate  
für Fußplatte  
para la platina estapediense  
pour la platine de l'étrier  
per la piedistallo



angled  
abgewinkelt  
angulada  
coudée  
angolata

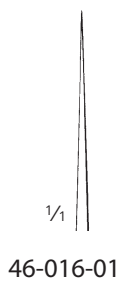
**McGee**  
15.5 cm / 6 1/8"

46-015-11	0.5 mm
46-015-12	1.0 mm

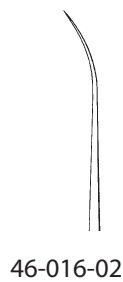
for footplate  
für Fußplatte  
para la platina estapediense  
pour la platine de l'étrier  
per la piedistallo



Barbara  
46-016-01  
46-016-02  
15.5 cm / 6 1/8"



46-016-01



46-016-02

# Micro Ear Hooks, Micro Dissectors



46-017-06  
46-017-30  
15 cm / 5 7/8"

25°  
hook  
Haken  
gancho  
crochet  
gancio  
1/4  
0.3 mm  
46-017-06

25°  
hook  
Haken  
gancho  
crochet  
gancio  
0.6 mm  
46-017-07

25°  
hook  
Haken  
gancho  
crochet  
gancio  
1.0 mm  
Shambaugh  
46-017-08

45°  
hook  
Haken  
gancho  
crochet  
gancio  
0.3 mm  
46-017-11

45°  
hook  
Haken  
gancho  
crochet  
gancio  
0.6 mm  
46-017-12

45°  
hook  
Haken  
gancho  
crochet  
gancio  
1.0 mm  
Shambaugh  
46-017-13

45°  
Exploring Hook  
Sondierhaken  
Ganchito explorador  
Crochet à exploration  
uncino di sondaggio  
2.0 mm  
blunt  
stumpf  
romo  
mousse  
smusso  
Shea  
46-017-20

90°  
Attic Dissector  
Attikusdissektor  
Disecador para el ático  
Dissecteur pour l'attique  
Dissettore per l'attico  
3.0 mm  
blunt  
stumpf  
romo  
mousse  
smusso  
Austin  
46-017-30



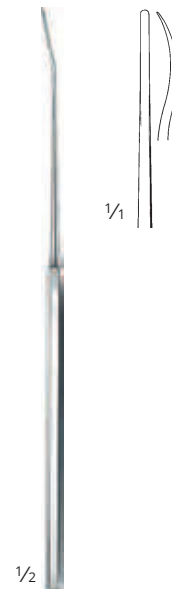
Fisch  
46-018-01  
46-018-06

1/4  
46-018-01  
15 cm / 5 7/8"  
angled to right  
nach rechts abgewinkelt  
angulada por derecha  
coudée vers droite  
angulata a destra

1/4  
46-018-02  
15 cm / 5 7/8"  
angled to left  
nach links abgewinkelt  
angulada por izquierda  
coudée vers gauche  
angulata a sinistra

1/4  
46-018-05  
15.5 cm / 6 1/8"  
angled to right  
nach rechts abgewinkelt  
angulada por derecha  
coudée vers droite  
angulata a destra

1/4  
46-018-06  
15.5 cm / 6 1/8"  
angled to left  
nach links abgewinkelt  
angulada por izquierda  
coudée vers gauche  
angulata a sinistra



Rosen  
46-019-15  
15 cm / 5 7/8"  
1.2 mm  
Micro Ear Periosteal Elevator  
Mikro-Ohrraspatorium  
Micro Legra auricular  
Micro Rugine-Raspatoire auriculaire  
Micro Raspatore auricolare



## Micro Curettes, Micro Measuring Rods



1/2



1/1

**46-020-01**

Marking up to  
Markierung bis  
Manchar hasta  
Marquage jusqu'e  
Marcatura fino a  
3.5 mm



**46-020-02**

Marking up to  
Markierung bis  
Manchar hasta  
Marquage jusqu'e  
Marcatura fino a  
4.0 mm



**46-020-03**

Marking up to  
Markierung bis  
Manchar hasta  
Marquage jusqu'e  
Marcatura fino a  
4.5 mm



**46-020-04**

Marking up to  
Markierung bis  
Manchar hasta  
Marquage jusqu'e  
Marcatura fino a  
5.0 mm

House

46-020-01

46-020-04

15.5 cm / 6 1/8"



1/2



Ø 1.0 mm



Ø 1.5 mm



Ø 1.0 mm

**46-021-01**

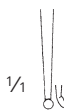
**46-021-02**

**46-021-03**

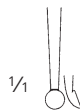
Ø 1.2 mm

Ø 1.8 mm

Ø 1.2 mm



1/1



1/1



1/1

House

46-021-01

46-021-03

14.5 cm / 5 6/8"

# Ear Specula

1/1 

Fig.0  
46-022-10  
3.6 cm / 1 3/8"  
Ø 3.0 mm



Fig.1  
46-022-11  
3.6 cm / 1 3/8"  
Ø 4.0 mm



Fig.2  
46-022-12  
3.6 cm / 1 3/8"  
Ø 5.0 mm



Fig.3  
46-022-13  
3.6 cm / 1 3/8"  
Ø 6.0 mm



Fig.4  
46-022-14  
3.6 cm / 1 3/8"  
Ø 7.5 mm

Fig.0-2  
46-022-03  
Ear Specula, set  
Ohrspekula, Satz,  
Espéculos auriculares, juego  
Spéculums auriculaires, jeu  
Specoli auricolari, set

for children  
für Kinder  
para niños  
pour enfants  
per bambini

Fig.2-4  
46-023-03  
Ear Specula, set  
Ohrspekula, Satz,  
Espéculos auriculares, juego  
Spéculums auriculaires, jeu  
Specoli auricolari, set

for adults  
für Erwachsene  
para adultos  
pour adultes  
per adulti

Fig.1-4  
46-024-04  
Ear Specula, set  
Ohrspekula, Satz,  
Espéculos auriculares, juego  
Spéculums auriculaires, jeu  
Specoli auricolari, set

for adults  
für Erwachsene  
para adultos  
pour adultes  
per adulti



1/2

Hartmann  
46-022-03  
46-024-04

1/1 

Fig.1  
46-025-11  
3.6 cm / 1 3/8"  
Ø 4.0 mm



Fig.2  
46-025-12  
3.6 cm / 1 3/8"  
Ø 5.0 mm



Fig.3  
46-025-13  
3.6 cm / 1 3/8"  
Ø 6.0 mm



Fig.4  
46-025-14  
3.6 cm / 1 3/8"  
Ø 7.5 mm

Fig.2-4  
46-025-03  
Ear Specula, set  
Ohrspekula, Satz,  
Espéculos auriculares, juego  
Spéculums auriculaires, jeu  
Specoli auricolari, set

for adults  
für Erwachsene  
para adultos  
pour adultes  
per adulti

Fig.1-4  
46-026-04  
Ear Specula, set  
Ohrspekula, Satz,  
Espéculos auriculares, juego  
Spéculums auriculaires, jeu  
Specoli auricolari, set

for adults  
für Erwachsene  
para adultos  
pour adultes  
per adulti



1/2

Toynbee  
46-025-03  
46-026-04

# Ear Specula



Fig.1  
46-027-01  
3.8 cm / 1 4/8"   
5.5 x 6.5 mm



Fig.2  
46-027-02  
3.8 cm / 1 4/8"   
6.5 x 7.5 mm



Fig.3  
46-027-03  
3.8 cm / 1 4/8"   
7.5 x 8.5 mm



Fig.1  
46-028-01  
3.6 cm / 1 3/8"   
Ø 5.5 mm



Fig.2  
46-028-02  
3.6 cm / 1 3/8"   
Ø 6.5 mm



Fig.4  
46-027-04  
3.8 cm / 1 4/8"   
8.5 x 9.5 mm



Fig.5  
46-027-05  
3.8 cm / 1 4/8"   
9.5 x 10.5 mm



Fig.6  
46-027-06  
3.8 cm / 1 4/8"   
10.5 x 11.5 mm



Fig.3  
46-028-03  
3.6 cm / 1 3/8"   
Ø 7.5 mm



Fig.4  
46-028-04  
3.6 cm / 1 3/8"   
Ø 8.5 mm

AI

St  
18/8



Fig.1-6  
46-027-00  
Ear Specula, set  
Ohrspekula, Satz,  
Espéculos auriculares, juego  
Spéculums auriculaires, jeu  
Specoli auricolari, set



Farrior  
46-028-01  
46-028-07

black  
schwarz  
negro  
noire  
nero



Fig.5  
46-028-05  
3.6 cm / 1 3/8"   
Ø 9.5 mm



Fig.6  
46-028-06  
3.6 cm / 1 3/8"   
Ø 10.5 mm



Fig.7  
46-028-07  
3.6 cm / 1 3/8"   
Ø 11.5 mm

Zöllner  
46-027-00  
46-027-06  
oval, black  
oval, schwarz  
ovalado, negro  
ovale, noire  
ovale, nero



46-029-12  
Ear Specula Storage Rack  
Ohrspekulaständer  
Soporte para espéculos auriculares  
Support pour spéculums auriculaires  
Supporto per specoli auricolari

# Tuning Forks



1/2

French  
46-030-07  
C<sub>2</sub> 16



1/2

French  
46-031-08  
C<sub>1</sub> 32



1/2

Hartmann  
46-032-09  
C 64



1/2

Hartmann  
46-033-10  
C 128



1/2

Hartmann  
46-034-11  
C<sup>1</sup> 256

46-033-90  
Weights, pair  
Gewichte, Paar  
Pesas, par  
Poids, paire  
Pesi, paio

## Tuning Forks



Martin  
46-034-10  
C 128



Martin  
46-035-11  
C 256



Martin-Alloy  
46-036-12  
C 512



Martin-Alloy  
46-037-13  
C 1024



Martin-Alloy  
46-038-14  
C 2048



Hartmann  
46-039-10  
C 128



Hartmann  
46-040-11  
C<sup>1</sup> 256



Hartmann  
46-041-12  
C<sup>2</sup> 512



Hartmann  
46-042-13  
C<sup>3</sup> 1024



Hartmann  
46-043-14  
C<sup>4</sup> 2048



Hartmann  
46-044-15  
C<sup>5</sup> 4096

# Tuning Forks



Lucae  
46-045-10  
C 128



Lucae  
46-046-11  
C¹ 256



1/2  
Lucae  
46-047-12  
C² 512

46-048-90  
Socket, only  
Fuss, allein  
Pedestal, suelto  
Socle, seul  
Zoccolo, solo



1/2  
Lucae  
46-048-13  
C³ 1024



1/2  
Lucae  
46-049-14  
C⁴ 2048



1/2  
Lucae  
46-050-15  
C⁵ 4096



1/2  
C 128  
46-051-10



46-051-91  
Socket, only  
Fuss, allein  
Pedestal, suelto  
Socle, seul  
Zoccolo, solo



1/2  
Hartmann  
46-052-10  
C 128



moveable up to h  
verschiebbar bis h  
regulable hasta h  
réglable jusqu'à h  
regolabile fino a h



46-053-90  
Socket, only  
Fuss, allein  
Pedestal, suelto  
Socle, seul  
Zoccolo, solo  
Hartmann  
46-053-11  
46-053-90  
C¹ 256

# Tuning Forks

46-054-90

Damper  
Dämpfer  
Sordina  
Curseur  
Sordina  
white scale  
weiße Skala  
balanza blanca  
l'échelle graduée blanche  
scala bianca



46-054-10

46-054-91

Damper  
Dämpfer  
Sordina  
Curseur  
Sordina  
black scale  
schwarze Skala  
balanza negra  
l'échelle graduée noire  
scala nera



46-054-10

46-054-92

Knurled screw  
Rändelschraube  
Tornillo moleteado  
Vis moletée  
Vite a testa zigrinata



46-054-10

46-054-93

Weights, C 64  
Gewichte, C 64  
Pesas, C 64  
Poids, C 64  
Pesi, C 64



46-054-10



1/2

Rydel-Seiffert

46-054-10

C 64 / C 128

also for neurology  
auch für Neurologie  
también para neurología  
aussi pour la neurologie  
anche per neurologia

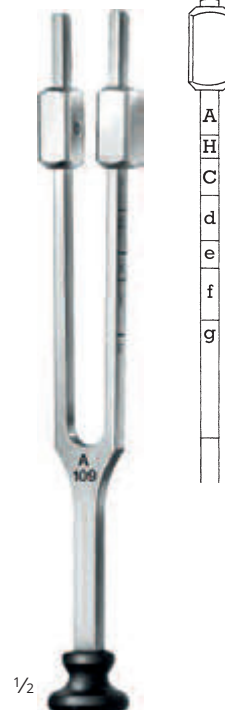


1/2

Neuro

46-055-00

with hammer, pinwheel, brush and needle  
mit Hammer, Nadelrad, Pinsel und Nadel  
con martillo, rueda con espinas, cepillo y aguja  
avec marteaux, roue aux épingles, brosse et aiguille  
con martello, algesimetro, pennello ed ago



1/2

König

46-056-59

A 109

moveable up to g  
verschiebbar bis g  
regulable hasta g  
réglable jusqu'à g  
regolabile fino a g

46-057-90

Bakelit base  
Bakelitfuss  
Base de Bakelit  
Base di Bakelit



46-057-61



1/2

46-057-61

a<sup>1</sup> 440

## Ear Catheters, Polypus Snares

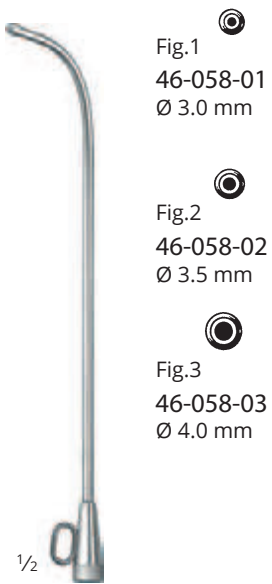


Fig.1  
46-058-01  
Ø 3.0 mm

Fig.2  
46-058-02  
Ø 3.5 mm

Fig.3  
46-058-03  
Ø 4.0 mm

Hartmann  
46-058-01  
46-058-03  
15 cm / 5 7/8"



Krause  
46-059-18  
18.5 cm / 7 2/8"  
open tip  
offenes Ende  
punta abierta  
pointe ouverte  
punta aperta



Krause-Voss  
46-060-18  
18.5 cm / 7 2/8"  
closed tip  
geschlossenes Ende  
punta cerrada  
pointe fermée  
punt chiusa

46-060-90  
Polypus Snares  
Polypenschnürer  
Polipótomos  
Serre-noeuds  
Serranodi

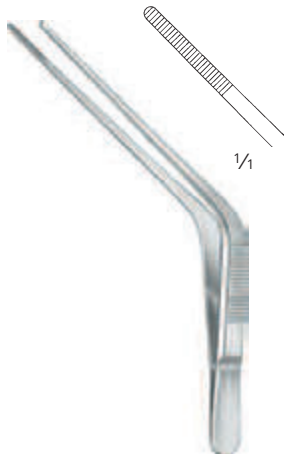




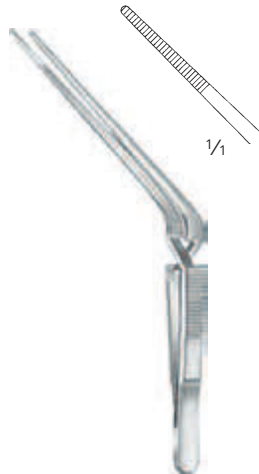
## Ear Forceps, Ear Polypus Forceps



**Tröltzsch (Wilde)**  
46-061-11  
10.5 cm / 4 1/8"



**Tröltzsch (Wilde)**  
46-062-11  
11 cm / 4 3/8"



**Tröltzsch (Wilde)**  
46-063-13  
12.5 cm / 4 7/8"



**Grünwald**  
46-064-14  
14.5 cm / 5 6/8"



**Jansen**  
46-065-16  
16 cm / 6 2/8"

46-065-20  
21.5 cm / 8 4/8"



**Hartmann**  
46-066-12  
delicate pattern  
feines Modell  
modelo delicado  
modèle fin  
modello fino

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta

65 mm



**Hartmann**  
46-067-14  
regular model  
normales Modell  
modelo regular  
modèle normal  
modello normale

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta

65 mm



**Buck**

46-068-11  
11.5 cm / 4 4/8"  
Foreign Body Lever  
Fremdkörperzängchen  
Elevador para cuerpos extraños  
Pince pour polypes auriculaires  
Pinza per corpi estranei

# Ear Polypus Forceps



**Hartmann-Wullstein**  
**46-069-08**  
 shaft length  
 Schaftlänge  
 longitud del vástago  
 longueur du tige  
 lunghezza del gambo  
 85 mm



**Hartmann-Wullstein**  
**46-070-08**  
 Ø 1.0 mm  
 shaft length  
 Schaftlänge  
 longitud del vástago  
 longueur du tige  
 lunghezza del gambo  
 85 mm



**Hartmann**  
**46-071-08**  
 shaft length  
 Schaftlänge  
 longitud del vástago  
 longueur du tige  
 lunghezza del gambo  
 85 mm



**Hartmann**  
**46-072-08**  
 1:2  
 shaft length  
 Schaftlänge  
 longitud del vástago  
 longueur du tige  
 lunghezza del gambo  
 85 mm



46-069-08  
 46-076-08

**46-071-30**  
 14cm / 5 4/8" <sup>1</sup>/<sub>8</sub>"  
 shaft length  
 Schaftlänge  
 longitud del vástago  
 longueur du tige  
 lunghezza del gambo  
 140 mm

1/2



1/4

**Hartmann-Herzfelr**  
**46-073-81**  
 Ø 2.0 mm  
 shaft length  
 Schaftlänge  
 longitud del vástago  
 longueur du tige  
 lunghezza del gambo  
 85 mm



**Hartmann**  
**46-074-08**  
 Ø 3 mm  
 shaft length  
 Schaftlänge  
 longitud del vástago  
 longueur du tige  
 lunghezza del gambo  
 85 mm



**Strümpel**  
**46-075-08**  
 shaft length  
 Schaftlänge  
 longitud del vástago  
 longueur du tige  
 lunghezza del gambo  
 85 mm



**Hartmann-Hoffmar**  
**46-076-08**  
 Ø 2.0 mm  
 through-cutting  
 durchschneidend  
 cortante  
 tranchante  
 tagliente  
 shaft length  
 Schaftlänge  
 longitud del vástago  
 longueur du tige  
 lunghezza del gambo  
 85 mm



**46-073-82**  
 Ø 2.5 mm  
 shaft length  
 Schaftlänge  
 longitud del vástago  
 longueur du tige  
 lunghezza del gambo  
 85 mm



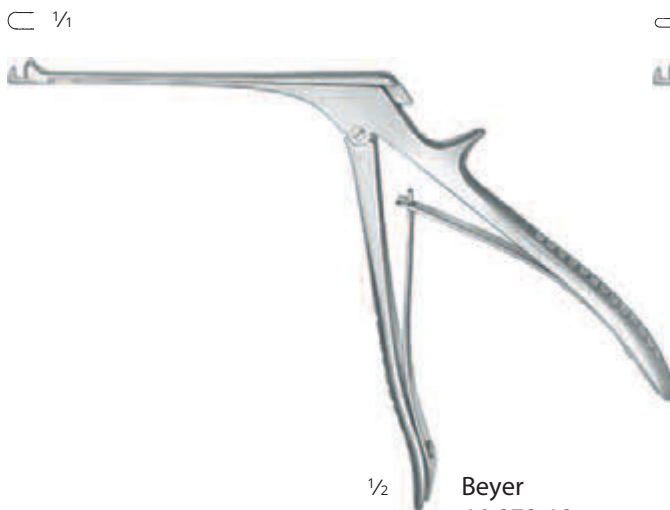
**46-073-83**  
 Ø 3.0 mm  
 shaft length  
 Schaftlänge  
 longitud del vástago  
 longueur du tige  
 lunghezza del gambo  
 85 mm

## Mastoid Rongeurs



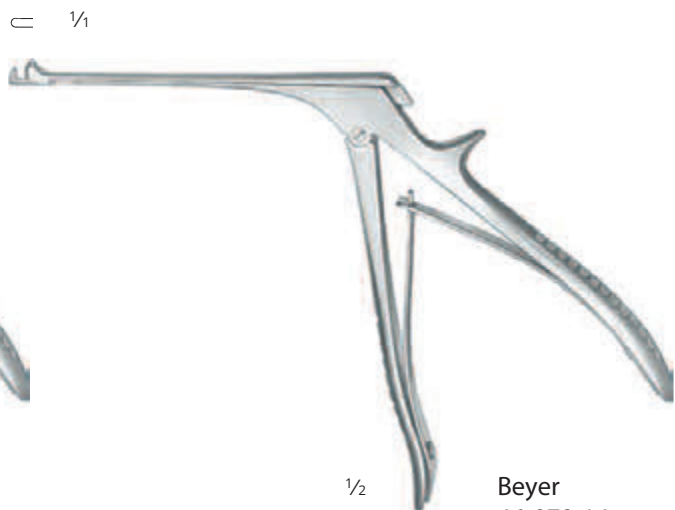
**Citelli**  
46-077-17

3 mm  
shaft length  
Schaftlänge  
longitud del vástago  
longueur du tige  
lunghezza del gambo  
75 mm



**Beyer**  
46-078-19

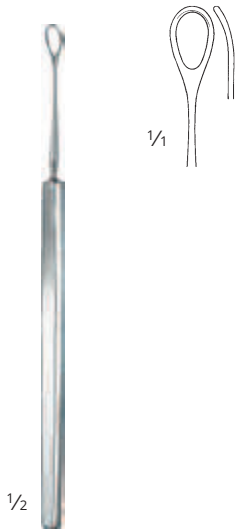
2 mm  
shaft length  
Schaftlänge  
longitud del vástago  
longueur du tige  
lunghezza del gambo  
95 mm



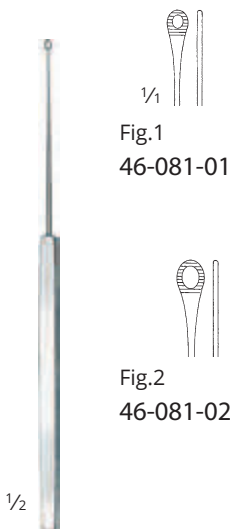
**Beyer**  
46-079-14

1 mm  
shaft length  
Schaftlänge  
longitud del vástago  
longueur du tige  
lunghezza del gambo  
95 mm

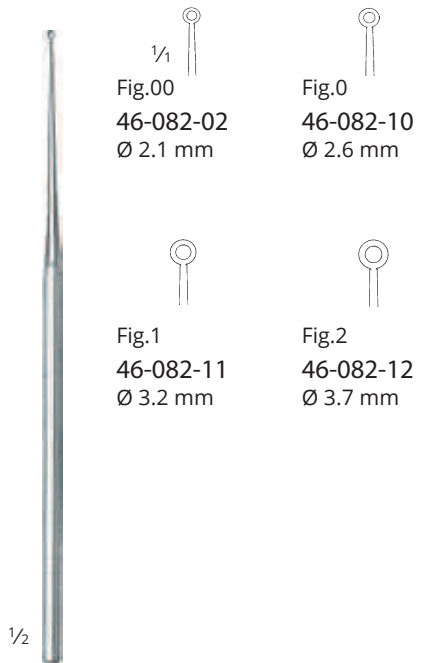
# Ear Curettes



**Langenbeck**  
**46-080-13**  
 13 cm / 5 1/8"  
 blunt  
 stumpf  
 romo  
 mousse  
 smusso



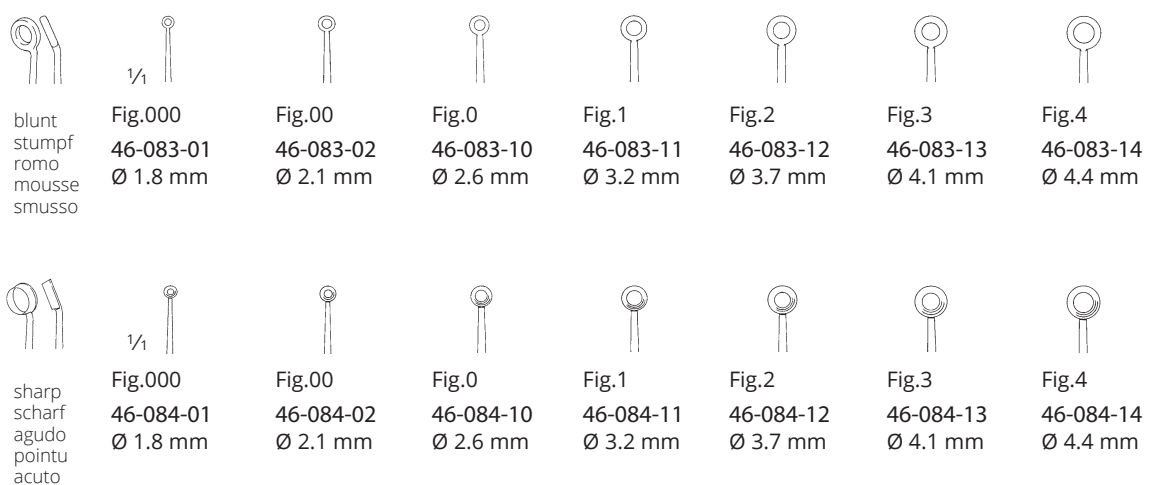
**Shapleigh**  
**46-081-01**  
**46-081-02**  
 15 cm / 5 7/8"



**Buck**  
**46-082-02**  
**46-082-12**  
 17 cm / 6 5/8"  
 blunt  
 stumpf  
 romo  
 mousse  
 smusso



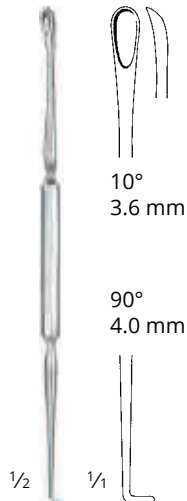
**Buck**  
**46-083-01**  
**46-084-14**  
 15 cm / 6 5/8"



# Ear Scoop, Foreign Body Instruments



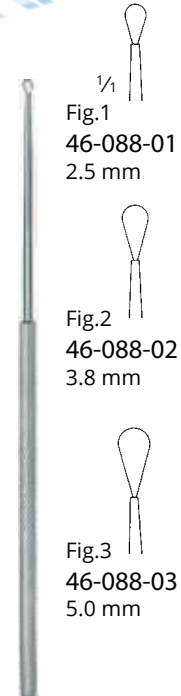
**Jansen**  
**46-085-16**  
 16 cm / 6 2/8"   
 sharp  
 scharf  
 agudo  
 pointu  
 acuto



**Gross**  
**46-086-13**  
 13 cm / 5 1/8"   
 blunt  
 stumpf  
 romo  
 mousse  
 smusso



**Weber-Loch**  
**46-087-01**  
 17 cm / 6 6/8"



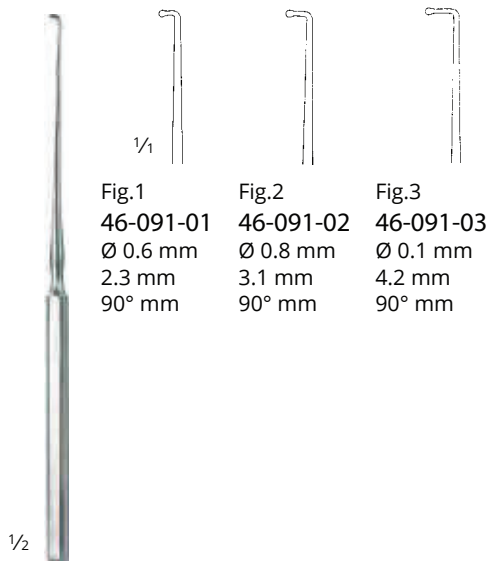
**Billeau**  
**46-088-01**  
**46-088-03**  
 16.5 cm / 6 4/8"



**Zaufal**  
**46-089-15**  
 15 cm / 5 7/8"   
 Foreign Body Lever  
 Fremdkörperhebel  
 Elevador para cuerpos extraños  
 Anse auriculaire  
 Leva per corpi estranei



**Hartmann**  
**46-090-16**  
 16 cm / 6 2/8"   
 Ear Hooklet  
 Ohrhäkchen  
 Ganchito auricular  
 Levier pour corps étrangers  
 Uncino auricolare



**Lucae**  
**46-091-01**  
**46-091-03**  
 14 cm / 5 4/8"



**Billeau**  
**46-113-01**  
**46-113-03**

**46-113-01**  
 5.4 mm x 3.9 mm  
**46-113-02**  
 7.7 mm x 5.2 mm  
**46-113-03**  
 9.1 mm x 5.7 mm

# Ear Hooklet, Tympanum Needles

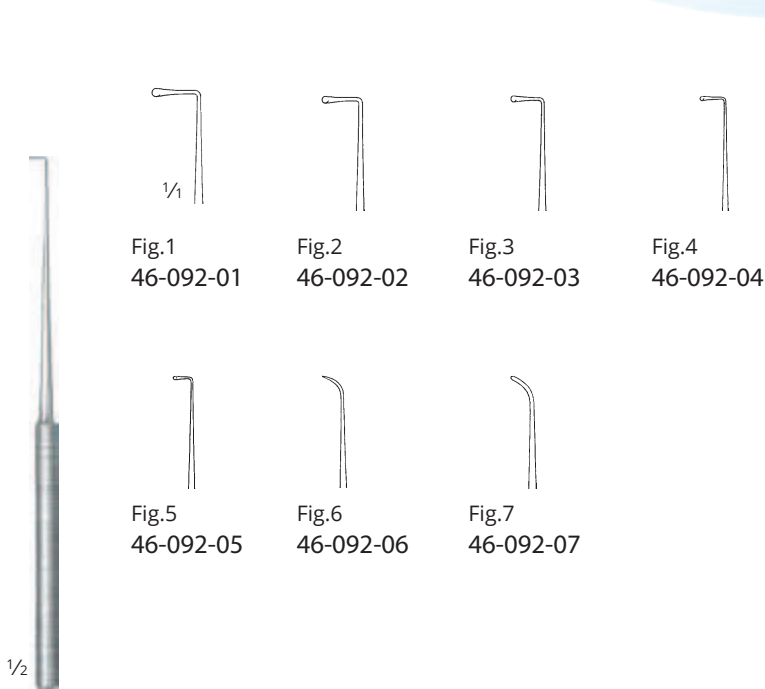
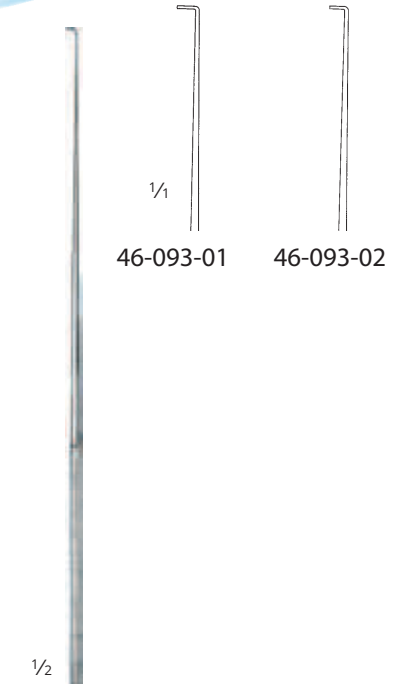


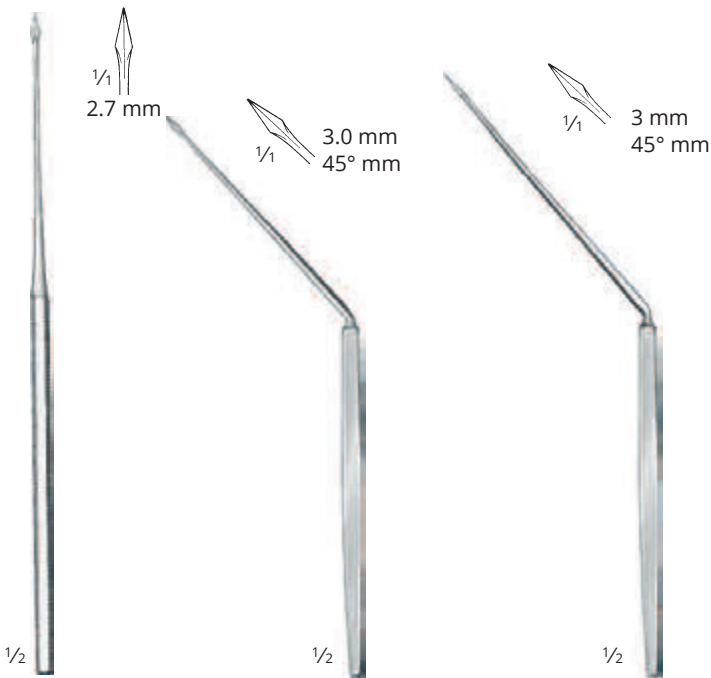
Fig.1 46-092-01  
 Fig.2 46-092-02  
 Fig.3 46-092-03  
 Fig.4 46-092-04  
 Fig.5 46-092-05  
 Fig.6 46-092-06  
 Fig.7 46-092-07

Wagener  
 46-092-01  
 46-092-07  
 14 cm / 5 4/8"



46-093-01 46-093-02

Day  
 46-093-01  
 46-093-02  
 17 cm / 6 6/8"



Politzer  
 46-094-17  
 17.5 cm / 6 7/8"

Politzer  
 46-095-16  
 15.5 cm / 6 1/8"  
 needle vertically  
 Nadel vertikal  
 aguja en posición vertical  
 aiguille verticale  
 ago verticale

Politzer  
 46-096-16  
 16 cm / 6 2/8"  
 needle horizontally  
 Nadel horizontal  
 aguja en posición horizontal  
 aiguille horizontale  
 ago orizzontale



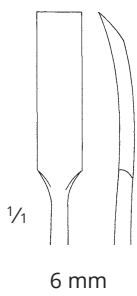
Lucae  
 46-097-18  
 18 cm / 7 1/8"  
 needle vertically  
 Nadel vertikal  
 aguja en posición vertical  
 aiguille verticale  
 ago verticale

Lucae  
 46-098-18  
 17.5 cm / 6 7/8"  
 needle horizontally  
 Nadel horizontal  
 aguja en posición horizontal  
 aiguille horizontale  
 ago orizzontale

# Ear Periosteal Elevators, Ear Scoop



Lempert  
46-099-20  
20.5 cm / 8 1/8"



Lempert  
46-100-18  
18 cm / 7 1/8"



Lempert  
46-101-10  
46-101-50  
21.5 cm / 8 4/8"  
sharp  
scharf  
agudo  
pointu  
acuto




Fig.1  
46-101-10  
1.5 mm




Fig.2  
46-101-20  
2.0 mm




Fig.3  
46-101-30  
2.2 mm




Fig.4  
46-101-40  
2.5 mm


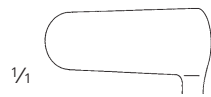
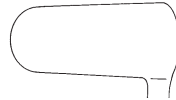


Fig.5  
46-101-50  
2.7 mm

# Nasal Specula



**Fig.1**  
**46-102-01**  
blades  
Blätter  
hojas  
lames  
lame  
18.5 x 9.5 mm



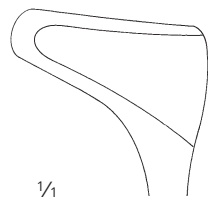
**Fig.2**  
**46-102-02**  
blades  
Blätter  
hojas  
lames  
lame  
21.0 x 10.5 mm



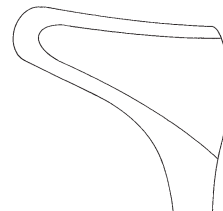
**Fig.3**  
**46-102-03**  
blades  
Blätter  
hojas  
lames  
lame  
21.0 x 11.5 mm

## Goldsmith (Thudichum)

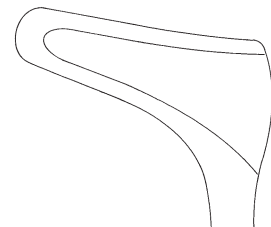
46-102-01  
46-102-03  
6.5 cm / 2 4/8"



**Fig.1**  
**46-103-01**  
blades  
Blätter  
hojas  
lames  
lame  
27 mm



**Fig.2**  
**46-103-02**  
blades  
Blätter  
hojas  
lames  
lame  
31 mm



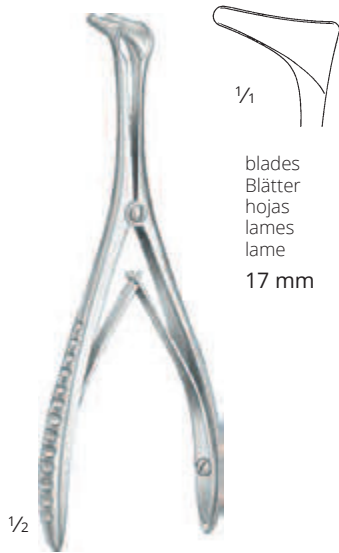
**Fig.3**  
**46-103-03**  
blades  
Blätter  
hojas  
lames  
lame  
35 mm

## Hartmann-Halle

46-103-01  
46-103-03  
16 cm / 6 2/8"



# Nasal Specula



blades  
Blätter  
hojas  
lames  
lame  
17 mm

**Martin**  
46-104-13  
13 cm / 5 1/8"



blades  
Blätter  
hojas  
lames  
lame  
17 mm

**Martin**  
46-105-13  
13 cm / 5 1/8"

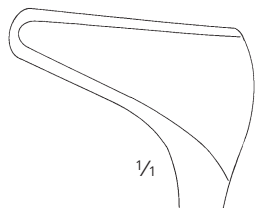


blades  
Blätter  
hojas  
lames  
lame  
16 mm

**Tieck-Halle**  
46-106-13  
13 cm / 5 1/8"



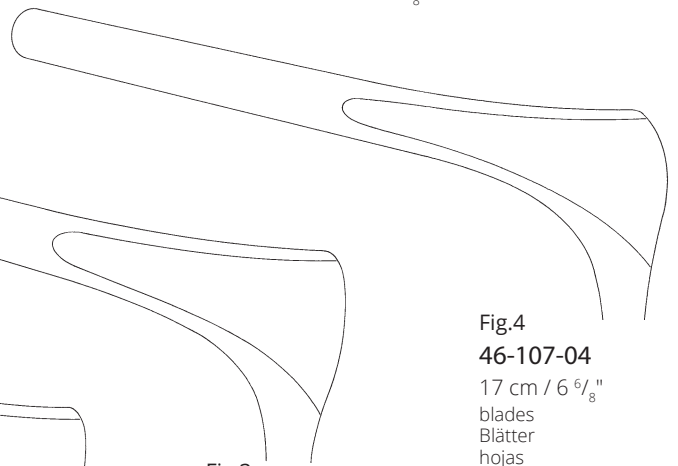
**Killian**  
46-107-01  
46-107-04



**Fig.1**  
46-107-01  
14 cm / 5 4/8"  
blades  
Blätter  
hojas  
lames  
lame  
35 mm



**Fig.2**  
46-107-02  
14.5 cm / 5 6/8"  
blades  
Blätter  
hojas  
lames  
lame  
50 mm



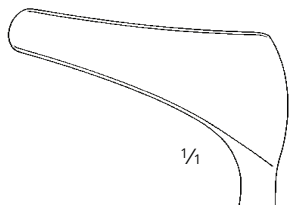
**Fig.3**  
46-107-03  
16 cm / 6 2/8"  
blades  
Blätter  
hojas  
lames  
lame  
75 mm

**Fig.4**  
46-107-04  
17 cm / 6 6/8"  
blades  
Blätter  
hojas  
lames  
lame  
85 mm

# Nasal Specula



Mod. Wien  
46-108-14  
13.5 cm / 5 3/8"



1/1

Fig.1  
46-108-14  
blades  
Blätter  
hojas  
lames  
lame  
30 mm



Cottle  
46-109-20  
46-109-90

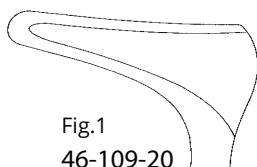


Fig.1  
46-109-20  
13.5 cm / 5 3/8"  
blades  
Blätter  
hojas  
lames  
lame  
20 mm

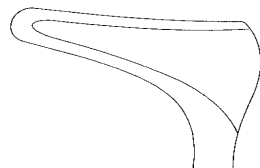


Fig.2  
46-109-25  
13.5 cm / 5 3/8"  
blades  
Blätter  
hojas  
lames  
lame  
25 mm

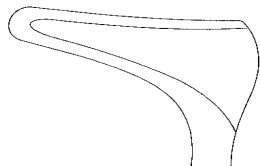


Fig.3  
46-109-30  
13.5 cm / 5 3/8"  
blades  
Blätter  
hojas  
lames  
lame  
35 mm

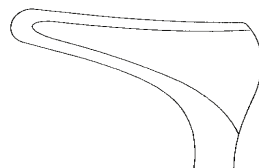


Fig.4  
46-109-35  
13.5 cm / 5 3/8"  
blades  
Blätter  
hojas  
lames  
lame  
50 mm

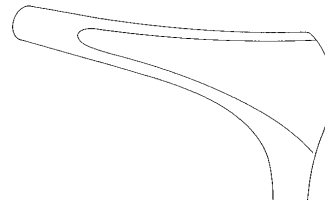


Fig.5  
46-109-50  
14.5 cm / 5 7/8"  
blades  
Blätter  
hojas  
lames  
lame  
75 mm

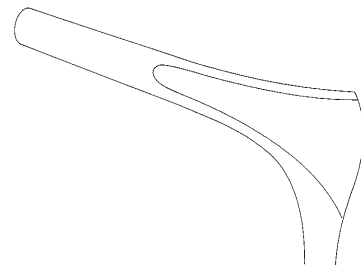


Fig.6  
46-109-75  
16 cm / 6 2/8"  
blades  
Blätter  
hojas  
lames  
lame  
85 mm

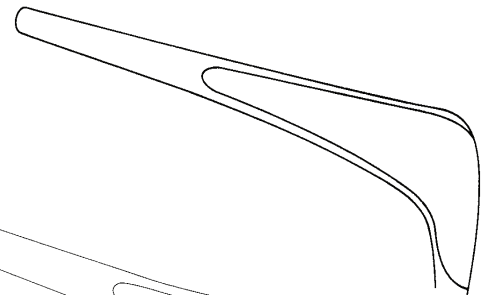
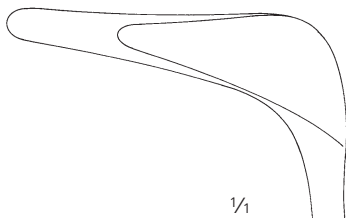


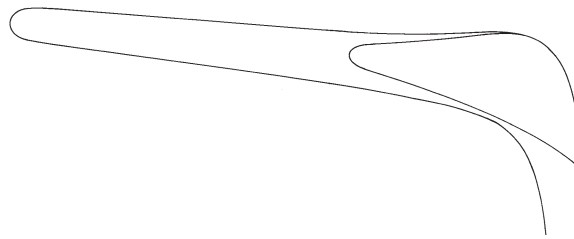
Fig.7  
46-109-90  
16 cm / 6 2/8"  
blades  
Blätter  
hojas  
lames  
lame  
85 mm

## Nasal Specula



1/1

**46-110-15**  
14 cm / 5 <sup>4</sup>/<sub>8</sub> "  
blades  
Blätter  
hojas  
lames  
lame  
45 mm



**46-110-75**  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub> "  
blades  
Blätter  
hojas  
lames  
lame  
75 mm



1/2

Cottle  
46-110-15  
46-110-75

## Polypus Snares

46



**Krause**  
**46-111-26**  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"  
shaft  
Schaft  
vástago  
tige  
asta



**Krause-Voss**  
**46-112-26**  
26 cm / 10 <sup>2</sup>/<sub>8</sub>"  
shaft  
Schaft  
vástago  
tige  
asta



48

# Rhinology

## Nasal Tampon Forceps

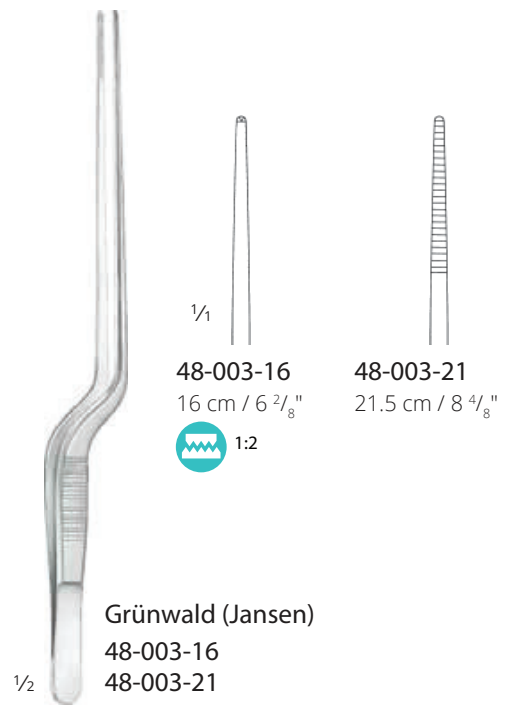
48



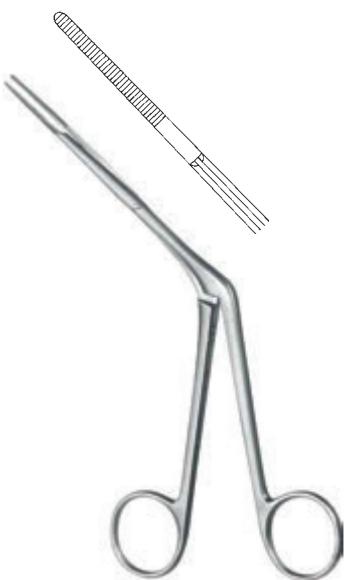
**Tröltzsch**  
48-001-15  
14.5 cm / 5 7/8"



**Tröltzsch**  
48-002-15  
15.5 cm / 6 1/8"



**Grünwald (Jansen)**  
48-003-16  
48-003-21



**Westmacott**  
48-004-20  
20 cm / 7 7/8"



**Lubet-Barbon**  
48-005-18  
18.5 cm / 7 2/8"



**Hartmann**  
48-006-18  
18.5 cm / 7 2/8"  
Nasal Polypus Forceps  
Nasenpolypenzange  
Pinza para pólipos nasales  
Pince à polypes nasaux  
Pinza per polipi nasali



**Tilley**  
48-141-01 20 cm / 7.87"  
48-141-02 15 cm / 5.9"

# Septum Forceps



5 mm  
Knight  
48-007-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



5,5 mm  
Graig  
48-008-16  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"



8,5 mm  
48-009-01  
48-009-02  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub>"



**48-009-01**  
left curved  
links gebogen  
curvo por izquierdo  
courbé à gauche  
curvo a sinistra



**48-009-02**  
right curved  
rechts gebogen  
curvo por derecho  
courbé à droite  
curvo a destra



Brünings  
48-010-01  
48-010-04  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"



**6,6 mm**  
Fig.1  
48-010-01



**7,6 mm**  
Fig.2  
48-010-02

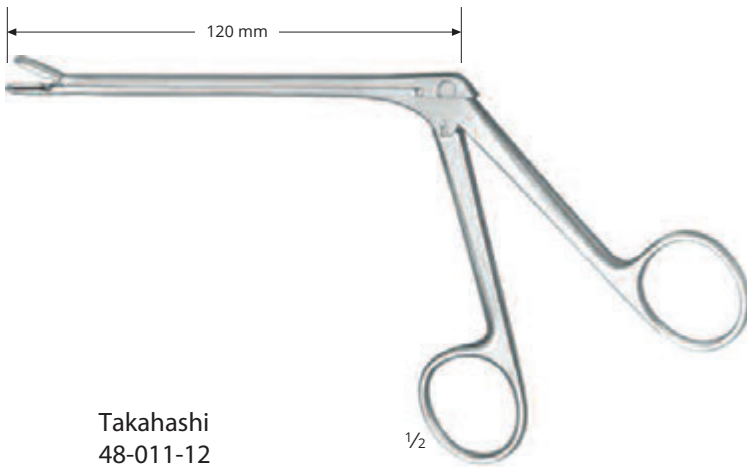


**8,7 mm**  
Fig.3  
48-010-03



**9,6 mm**  
Fig.4  
48-010-04

# Ethmoid Bone Forceps



Takahashi  
48-011-12  
48-012-12



48-011-12

straight  
gerade  
recta  
droite  
diritta

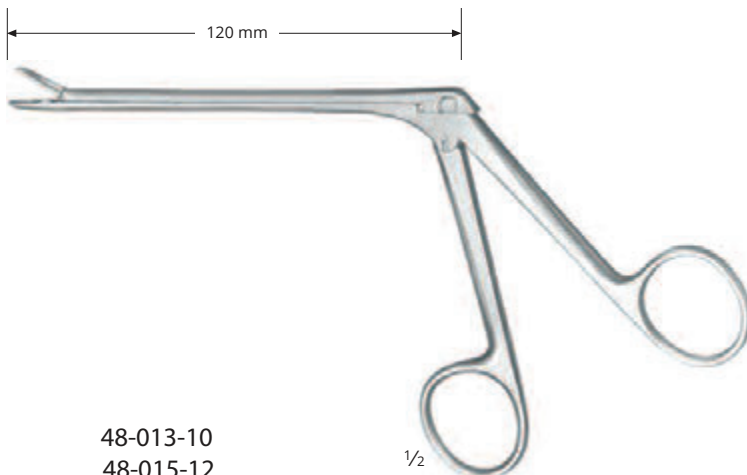


48-012-12

45°  
curved upwards  
aufgebogen  
curva por arriba  
courbée en haut  
curva in alto



Watson-Williams  
48-013-10



48-013-10  
48-015-12



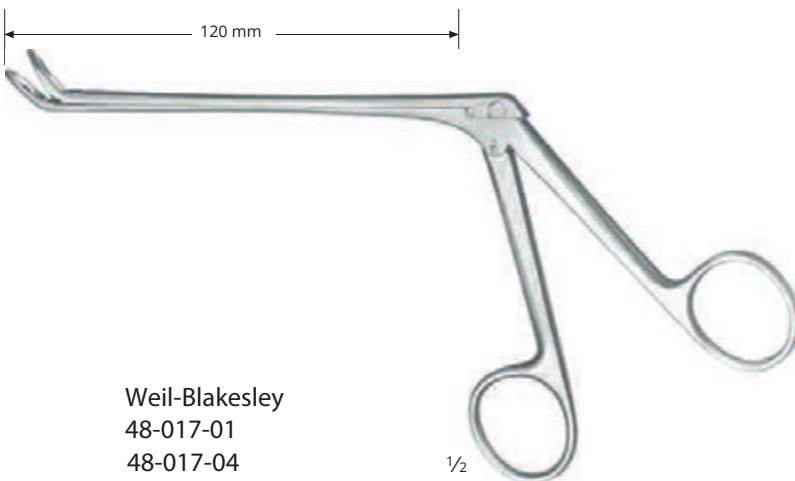
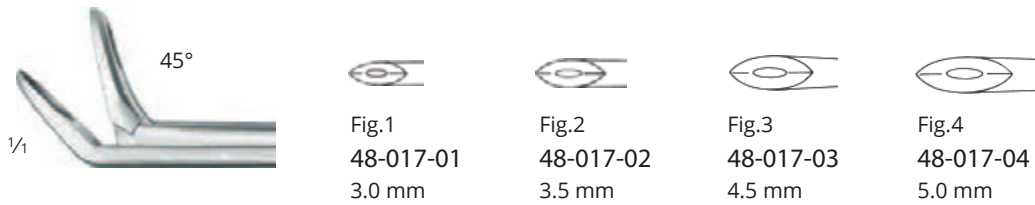
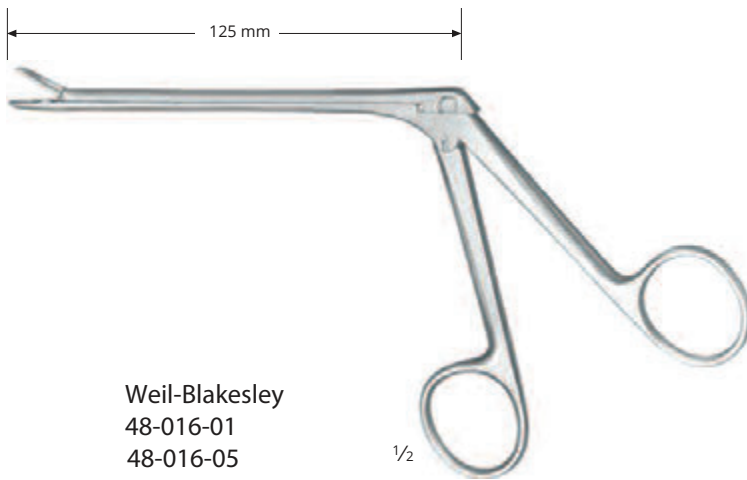
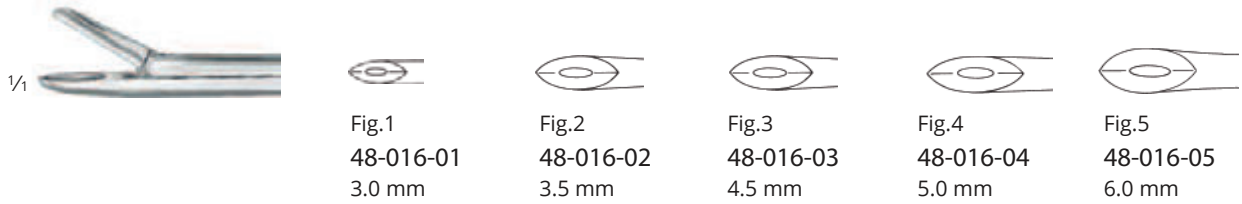
48-014-12



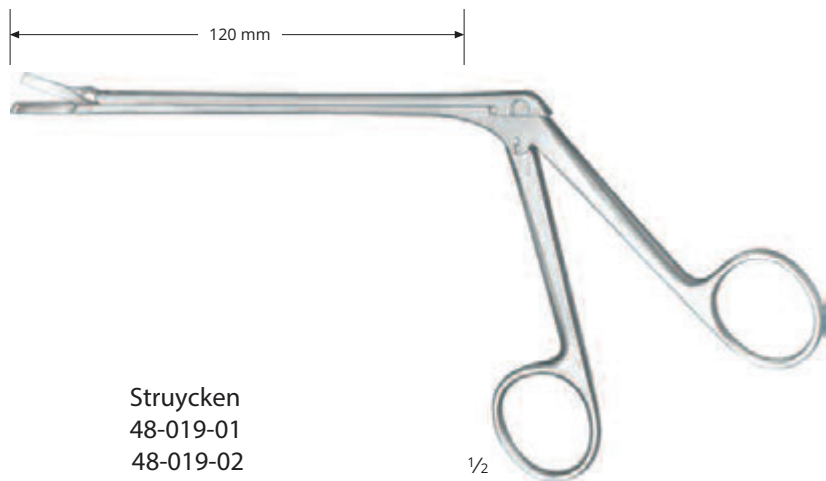
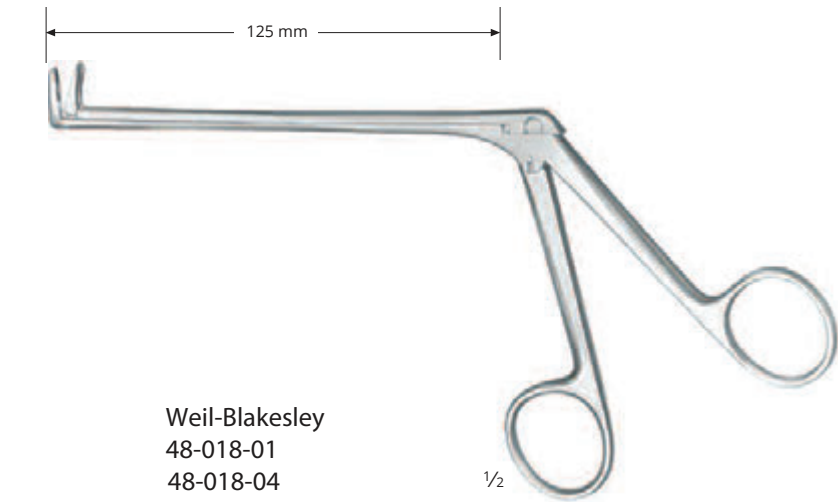
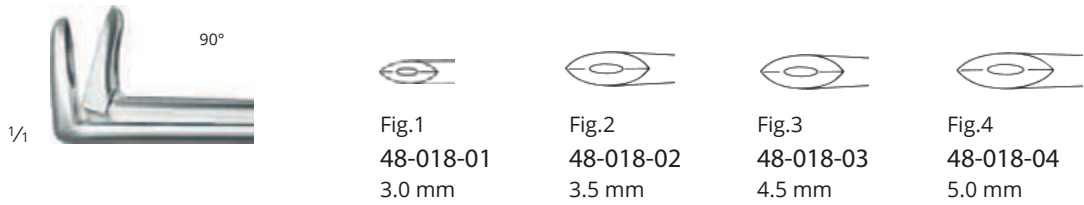
Weil  
48-015-12



# Nasal Cutting Forceps, Ethmoid Bone Forceps



# Nasal Cutting Forceps, Ethmoid Bone Forceps



## Antrum Punches, Nasal Cutting Forceps



48-020-01

2.5 mm

retrograde, up cutting  
retrograd aufwärts schneidend  
retrogrado, cortante en la parte superior  
retrograde, coupant en haut  
retrogrado, taglio in sù



48-020-02

2.5 mm

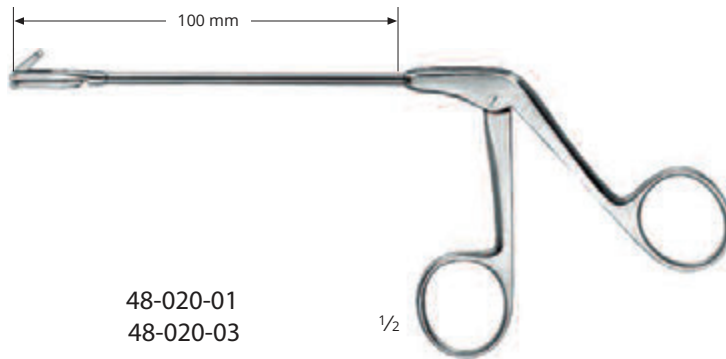
retrograde, right cutting  
retrograd rechts schneidend  
retrogrado, cortante a la derecha  
retrograde, coupant à droit  
retrogrado, taglio destro



48-020-03

2.5 mm

retrograde, left cutting  
retrograd links schneidend  
retrogrado, cortante a la izquierda  
retrograde, coupant à gauche  
retrogrado, taglio sinistro



48-020-01  
48-020-03



Fig.1

48-021-01  
Ø 5.0 mm



Fig.2

48-021-02  
Ø 7.0 mm



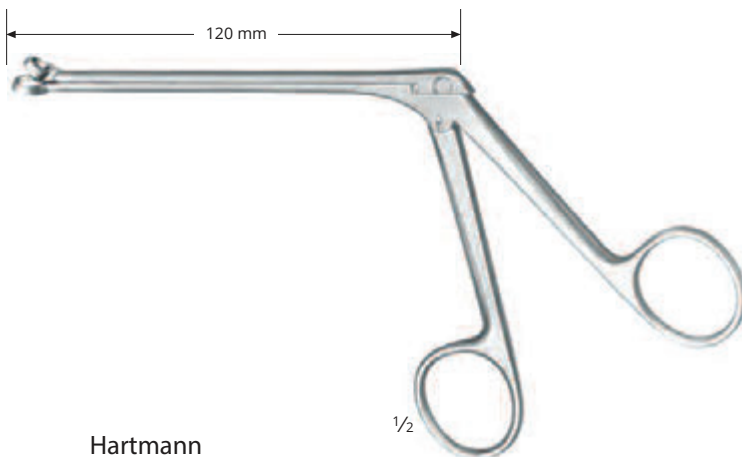
Fig.3

48-021-03  
Ø 9.0 mm

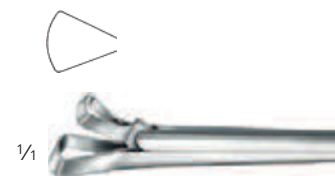


Fig.4

48-021-04  
Ø 11.0 mm



Hartmann  
48-021-01  
48-021-04



Schmieden  
48-022-12  
8.0 mm

# Septum Forceps, Septum Morselizer



1/4  
through-cutting  
durchschneidend  
cortante  
tranchante  
tagliante

Middleton-Jansen  
48-023-20  
20.5 cm / 8 1/8"



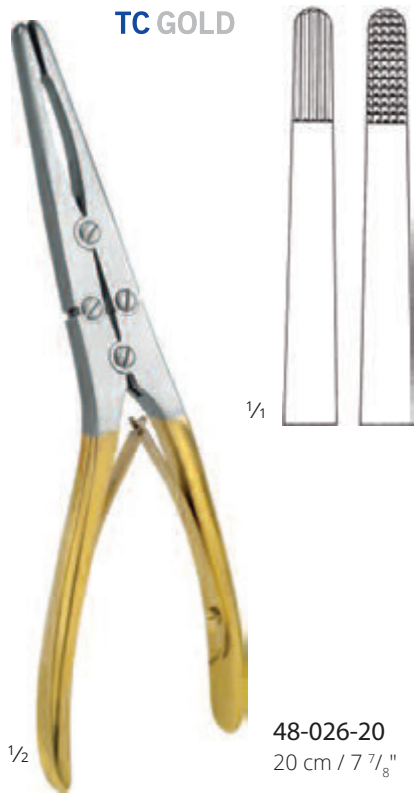
1/4

Middleton-Jansen  
48-024-20  
20 cm / 7 7/8"



1/4  
one toothed cutting edge  
eine Schneide gezahnt  
una hoja dentada  
une lame dentelée  
una lama dentata

Caplan  
48-025-20  
20 cm / 7 7/8"



TC GOLD

1/4

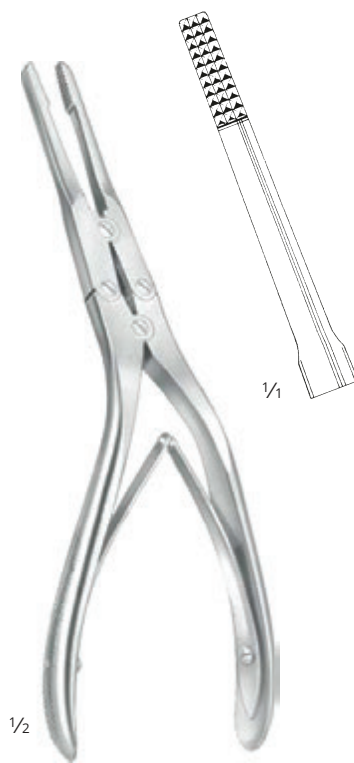
48-026-20  
20 cm / 7 7/8"

# Septum Morselizers

TC GOLD



**Rubin**  
48-027-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "



**Rubin**  
48-028-18  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "



**Rubin**  
48-029-18  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "



**Rubin**  
48-028-01  
Protection Cap  
Schutzkappe  
Caperuza protectora  
Capuchon protecteur  
Calotta protettiva



48-028-18

## Sphenoid Bone Punches

48



Hajek  
48-030-13  
48-033-12



**48-030-13**

up cutting  
aufwärts schneidend  
cortante por arriba  
tranchant en haut  
tagliente in alto

**4.0 x 4.0 mm**

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta

**140 mm**



**48-031-13**

down cutting  
abwärts schneidend  
cortante por abajo  
tranchant en bas  
tagliente in basso

**4.0 x 4.0 mm**

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta

**140 mm**



**48-032-12**

up cutting  
aufwärts schneidend  
cortante por arriba  
tranchant en haut  
tagliente in alto

**3.5 x 3.5 mm**

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta

**140 mm**



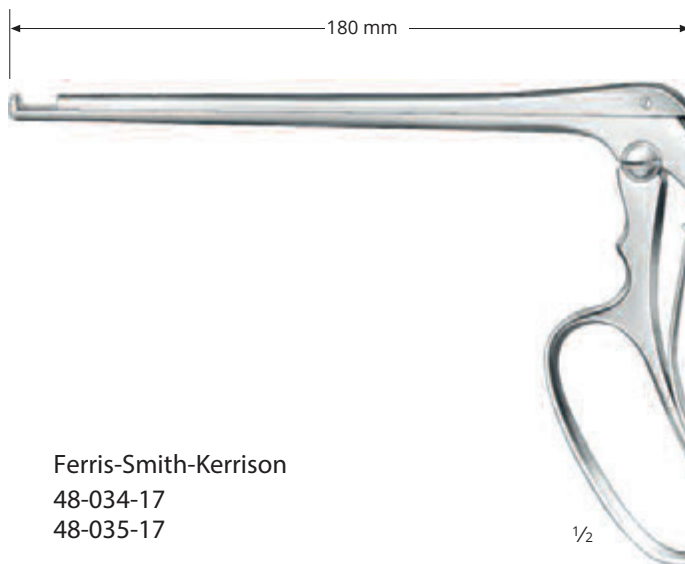
**48-033-12**

down cutting  
abwärts schneidend  
cortante por abajo  
tranchant en bas  
tagliente in basso

**3.5 x 3.5 mm**

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta

**140 mm**



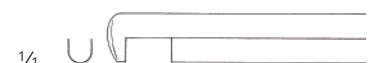
Ferris-Smith-Kerrison  
48-034-17  
48-035-17



**48-034-17**

up cutting  
aufwärts schneidend  
cortante por arriba  
tranchant en haut  
tagliente in alto

**3.0 x 3.0 mm**

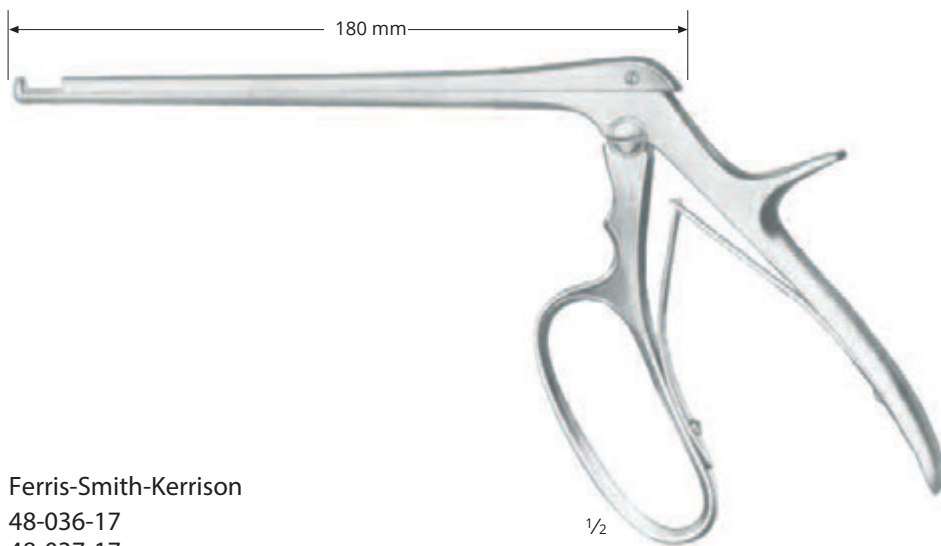


**48-035-17**

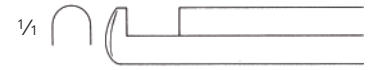
down cutting  
abwärts schneidend  
cortante por abajo  
tranchant en bas  
tagliente in basso

**3.0 x 3.0 mm**

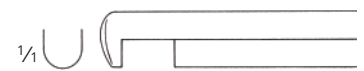
## Sphenoid Bone Punches



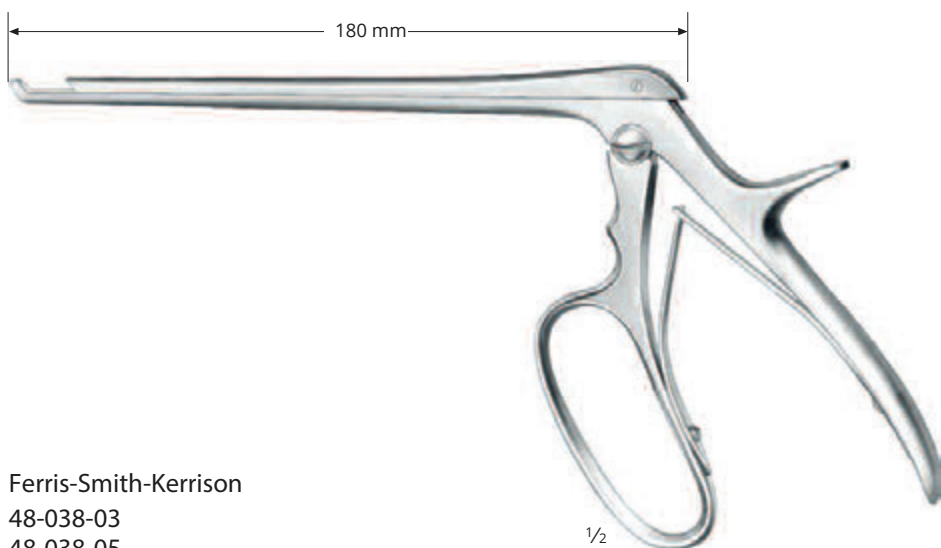
Ferris-Smith-Kerrison  
48-036-17  
48-037-17



**48-036-17**  
up cutting  
aufwärts schneidend  
cortante por arriba  
tranchant en haut  
tagliente in alto  
5.0 x 5.0 mm



**48-037-17**  
down cutting  
abwärts schneidend  
cortante por abajo  
tranchant en bas  
tagliente in basso  
5.0 x 5.0 mm



Ferris-Smith-Kerrison  
48-038-03  
48-038-05

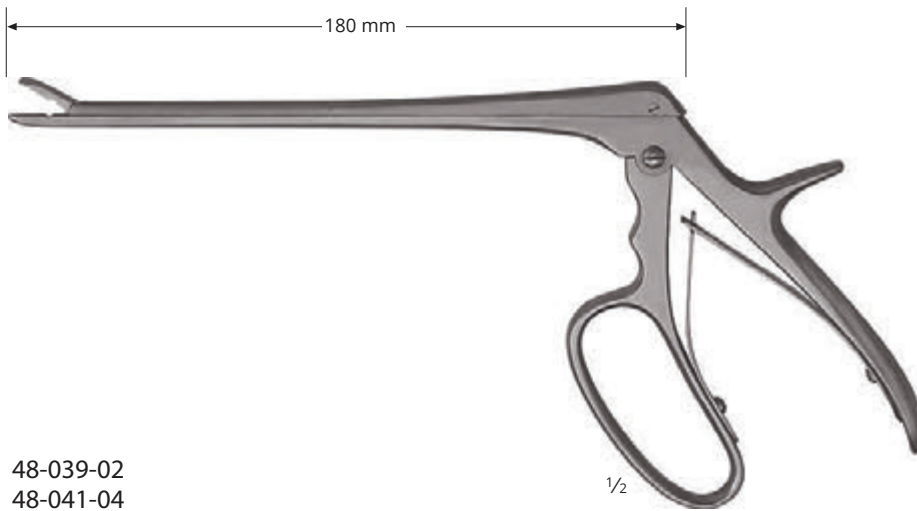


**48-038-03**  
obliquely forward cutting  
schräg vorwärts schneidend  
cortante oblicuo hacia adelante  
tranchant oblique en avant  
tagliente obliquo in avanti  
3 mm



**48-038-05**  
obliquely forward cutting  
schräg vorwärts schneidend  
cortante oblicuo hacia adelante  
tranchant oblique en avant  
tagliente obliquo in avanti  
5 mm

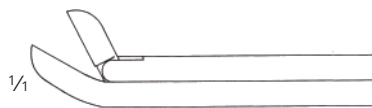
# Sphenoid Bone Punches



48-039-02  
48-041-04



48-039-02  
10 x 2 mm



48-040-02  
10 x 2 mm



48-041-02  
10 x 2 mm

48-039-03  
10 x 3 mm

48-040-03  
10 x 3 mm

48-041-03  
10 x 3 mm

48-039-04  
10 x 4 mm

48-040-04  
10 x 4 mm

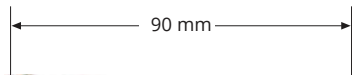
48-041-04  
10 x 4 mm

48-039-05  
10 x 5 mm

48-039-06  
10 x 6 mm



# Antrum Punches



1/2

**Kerrison**  
**48-042-00**  
**48-042-03**

up cutting  
aufwärts schneidend  
cortante por arriba  
tranchant en haut  
tagliente in alto



**48-042-00**  
3 x 3 mm



**48-042-01**  
4 x 4 mm



**48-042-02**  
5 x 5 mm



**48-042-03**  
6 x 6 mm

# Rhinoplastic Knives

Fig.1  
48-043-01

1/2

Joseph  
48-043-01  
48-044-01  
15 cm / 5 7/8"

Fig.2  
48-044-01

1/4

1/2

Fomon  
48-045-16  
16.5 cm / 6 4/8"

1/2

Converse  
48-046-16  
16 cm / 6 2/8"

1/2

Joseph  
48-047-15  
15.5 cm / 6 1/8"

1/2

Cottle  
48-048-14  
14 cm / 5 4/8"

## Septum Knives, Swivel Knives



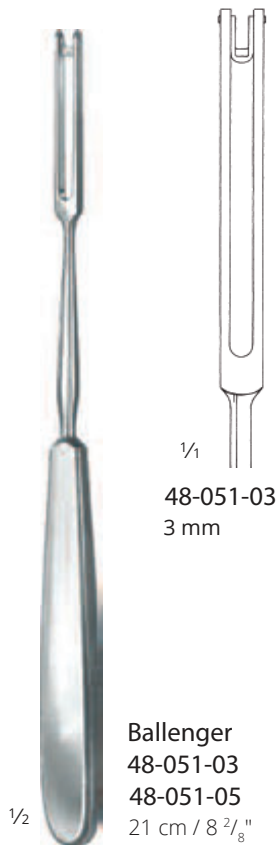
**Freer**  
**48-049-15**  
 15.5 cm / 5 <sup>4</sup>/<sub>8</sub>"  
 Mucosa Knife  
 Mukosamesser  
 Cuchillo para mucosa  
 Couteau pour muqueuse  
 Bisturi per mucosa



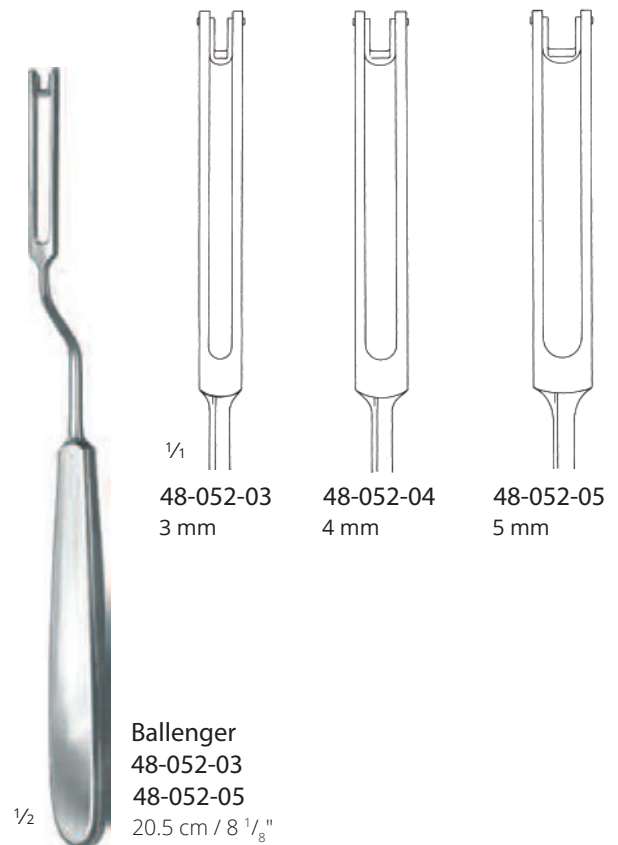
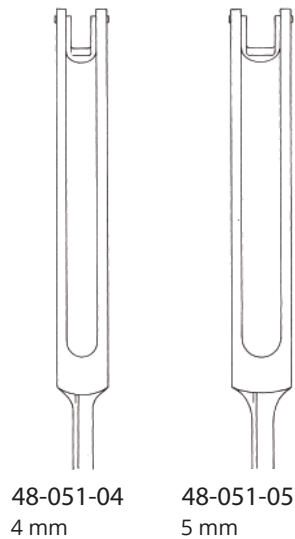
**Freer**  
**48-049-19**  
 19 cm / 7 <sup>4</sup>/<sub>8</sub>"



**Freer**  
**48-050-19**  
 18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



**Ballenger**  
**48-051-03**  
**48-051-04**  
**48-051-05**  
 21 cm / 8 <sup>2</sup>/<sub>8</sub>"



**Ballenger**  
**48-052-03**  
**48-052-04**  
**48-052-05**  
 20.5 cm / 8 <sup>1</sup>/<sub>8</sub>"

## Septum Elevators

48

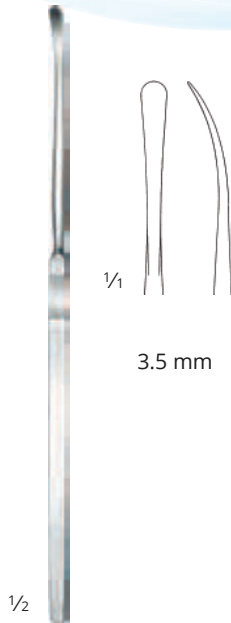


48-053-04  
4 mm

McKenty  
48-053-04  
48-053-05  
15 cm / 5 7/8"

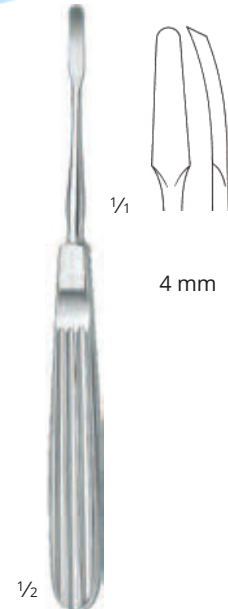


48-053-05  
5 mm



3.5 mm

Halle  
48-054-16  
16 cm / 6 2/8"



4 mm

Joseph  
48-055-16  
16.5 cm / 6 4/8"



5 mm  
sharp  
scharf  
agudo  
pointu  
acuto

Freer  
48-056-19  
19 cm / 7 4/8"



5 mm  
blunt  
stumpf  
romo  
mousse  
smusso

Freer  
48-057-19  
19 cm / 7 4/8"

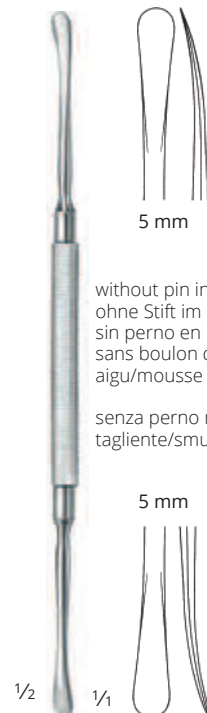


48-058-01  
24.5 cm / 9 5/8"

Krenkel  
48-058-01  
48-058-02  
Cleft Palate Periosteal Raspatory  
Gaumenraspatorium  
Legra para el paladar  
Raspator pour palais  
Raspatore per palato



48-058-02  
24 cm / 9 4/8"



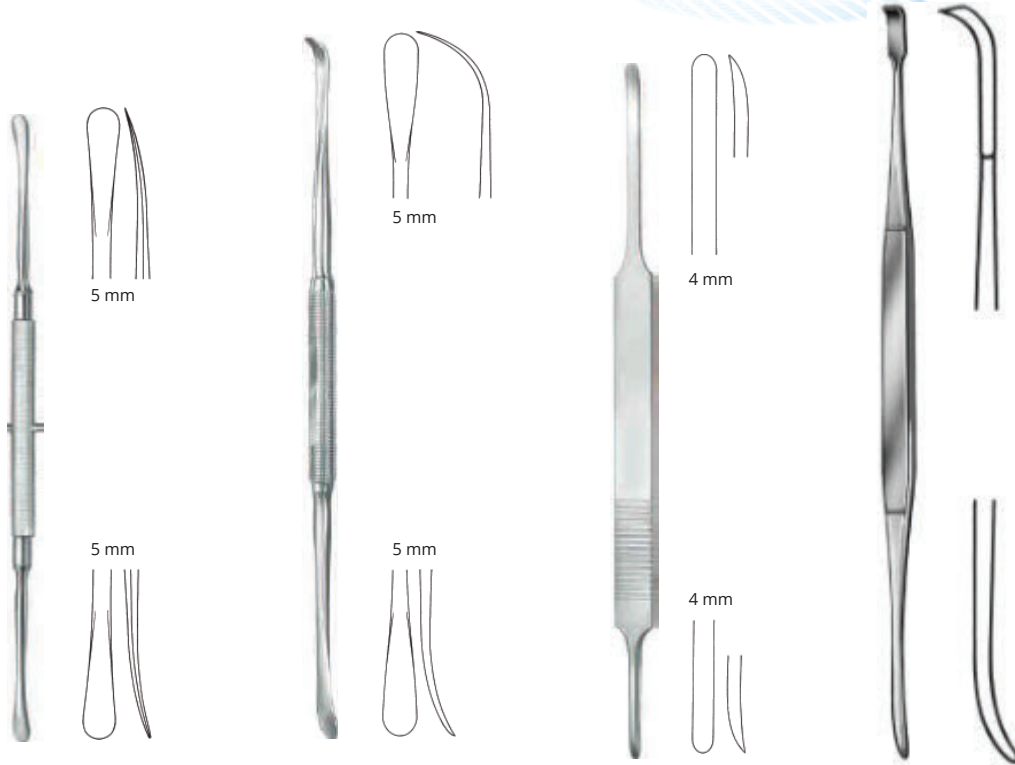
5 mm

without pin in handle, sharp / blunt  
ohne Stift im Griff, scharf / stumpf  
sin perno en mango, agudo/romo  
sans boulon dans la manche,  
aigu/mousse

senza perno nella manico,  
tagliente/smussato

Freer  
48-059-18  
18 cm / 7 1/8"

## Septum Elevators

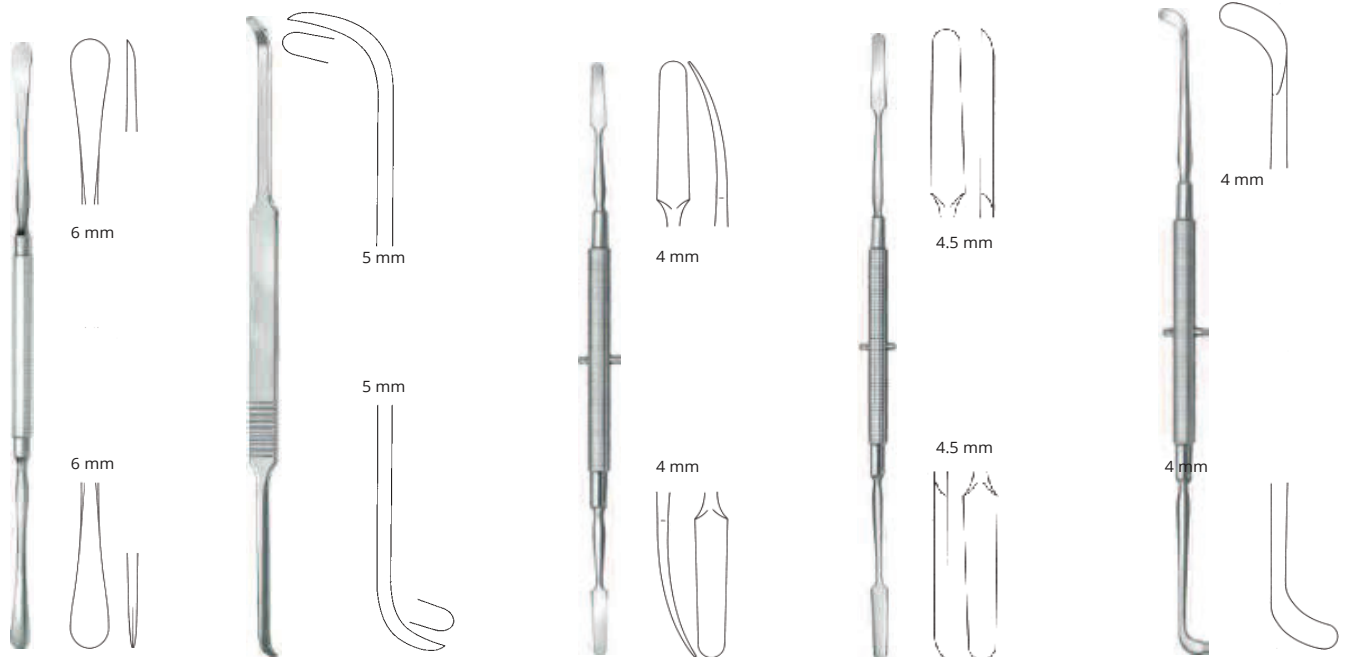


**Freer**  
48-060-18  
18 cm / 7 1/8"

**Freer**  
48-061-21  
21 cm / 8 2/8"

**McKenty**  
48-062-21  
20.5 cm / 8 1/8"

**Howarth**  
48-062-22  
21.5 cm / 8.46"



**Ballenger-Hajek**  
48-063-19  
19 cm / 7 4/8"

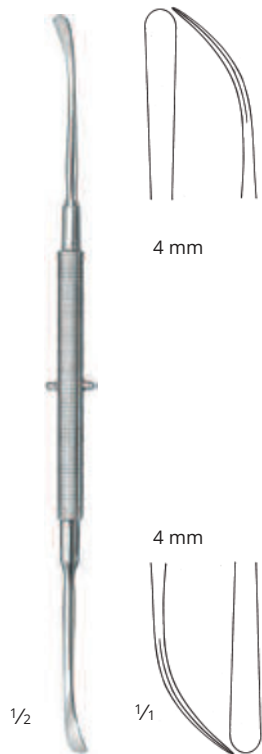
**Cottle**  
48-064-23  
23.5 cm / 9 2/8"

**Killian**  
48-065-18  
18 cm / 7 1/8"

**Killian**  
48-066-23  
23 cm / 9"

**Pennington**  
48-067-21  
21.5 cm / 8 4/8"

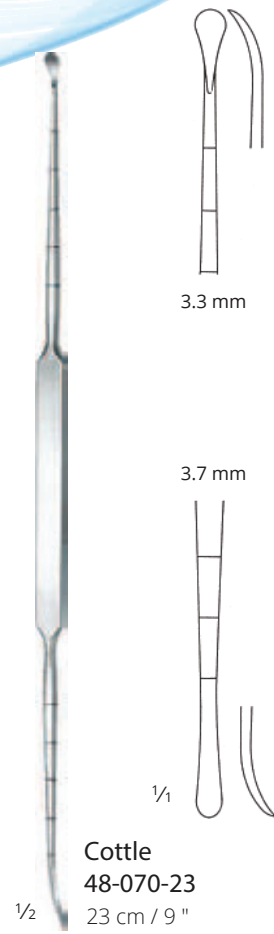
# Periosteal Elevators



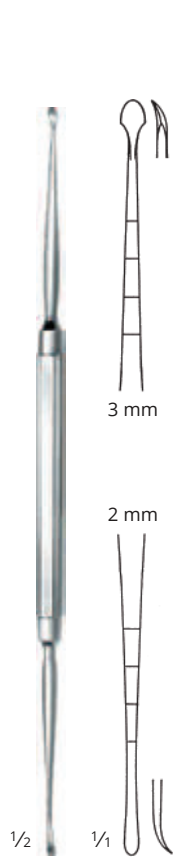
**Roger**  
48-068-19  
20 cm / 7 7/8"



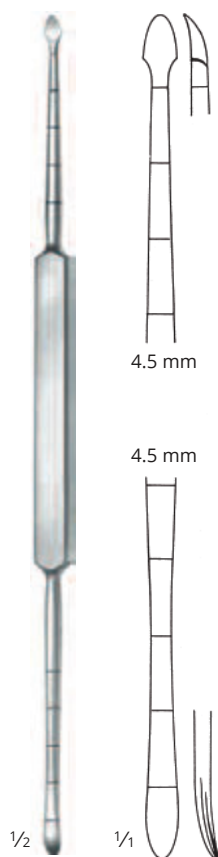
**Joseph-Masing**  
48-069-21  
21.5 cm / 8 4/8"



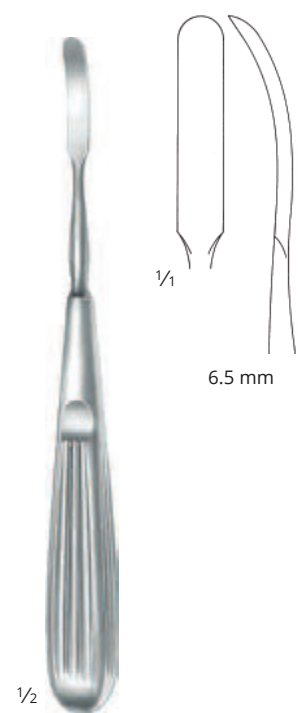
**Cottle**  
48-070-23  
23 cm / 9"



**Masing**  
48-071-19  
19.5 cm / 7 5/8"



**Cottle**  
48-072-22  
22 cm / 8 5/8"



**Joseph**  
48-073-18  
18 cm / 7 1/8"

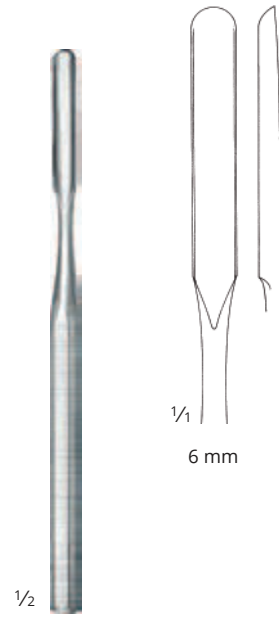
## Septum Chisels, Septum Gouges



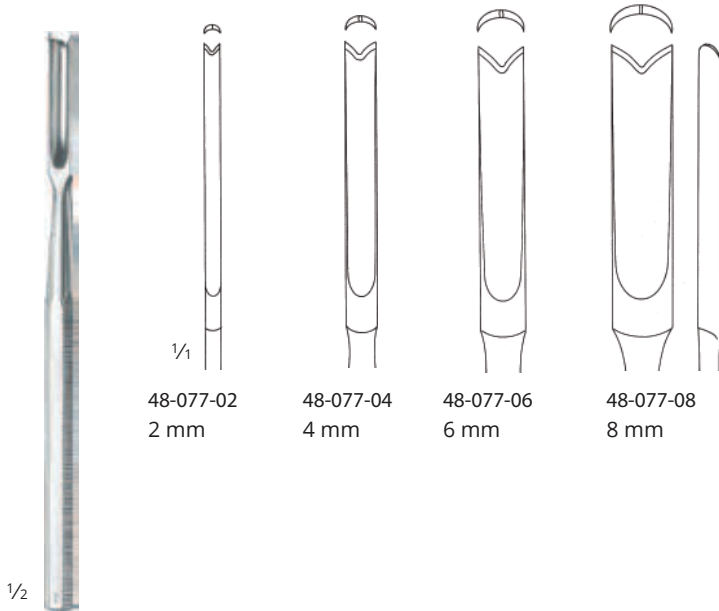
**Freer**  
48-074-16  
16.5 cm / 6 1/8"



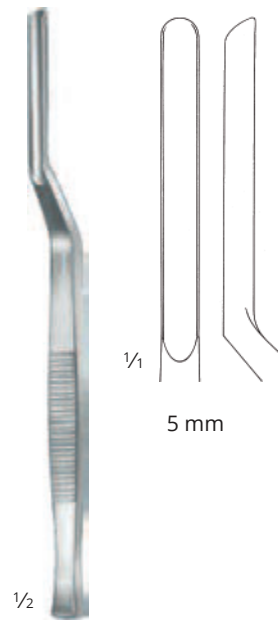
**Freer**  
48-075-16  
16.5 cm / 6 4/8"



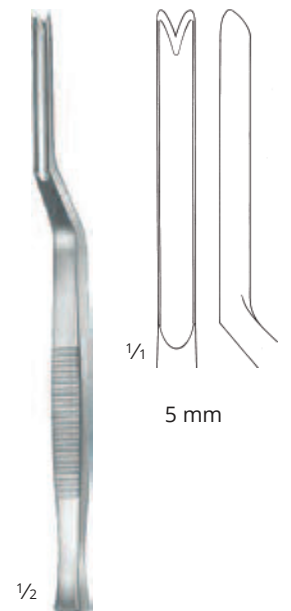
**Freer**  
48-076-16  
16 cm / 6 2/8"



**Ballenger**  
48-077-02  
48-077-08  
15 cm / 5 7/8"

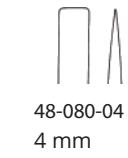


**Killian**  
48-078-16  
16 cm / 6 2/8"



**Killian-Claus**  
48-079-16  
16 cm / 6 2/8"

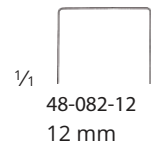
# Osteotomes



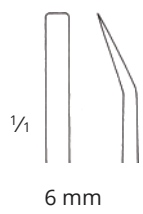
Cottle  
48-080-04  
48-080-12  
18.5 cm / 7 2/8"



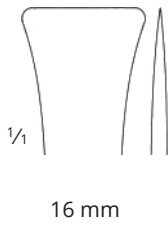
Cottle  
48-081-06  
18.5 cm / 7 2/8"



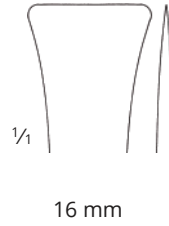
Cottle  
48-082-02  
48-082-12  
18.5 cm / 7 2/8"



Cottle  
48-083-06  
18.5 cm / 7 2/8"



Cottle  
48-084-16  
18.5 cm / 7 2/8"

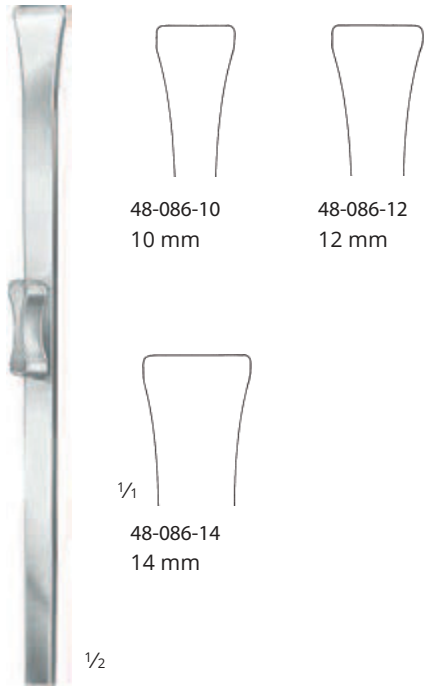


Cottle  
48-085-16  
18.5 cm / 7 2/8"

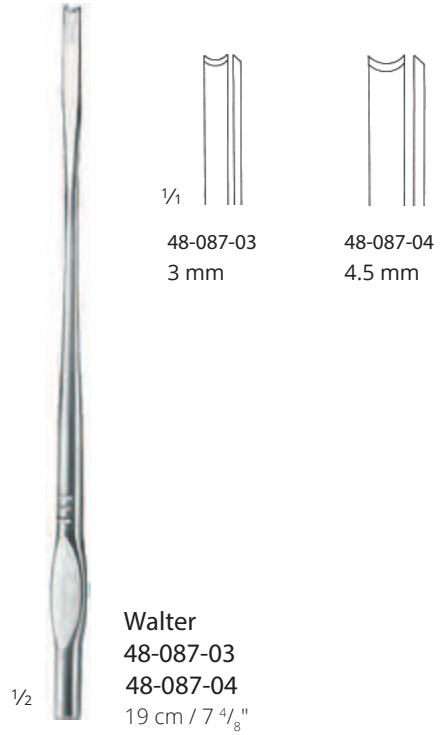


# Osteotomes, Chisels

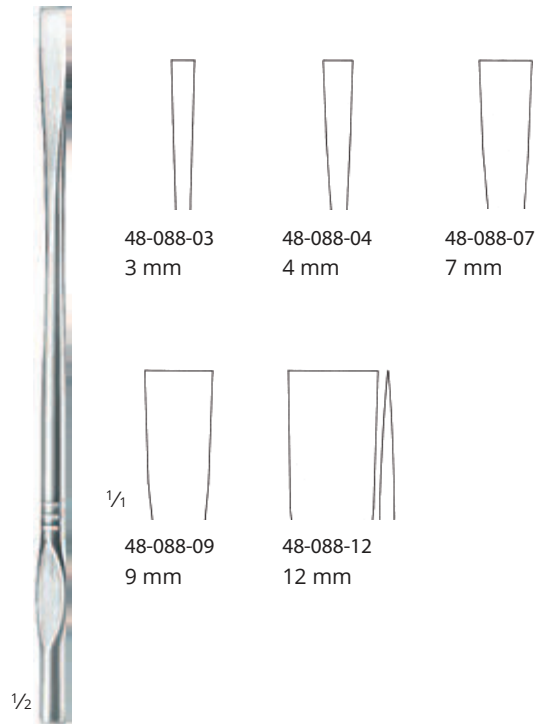
**Rubin**  
 48-086-10  
 48-086-14  
 18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



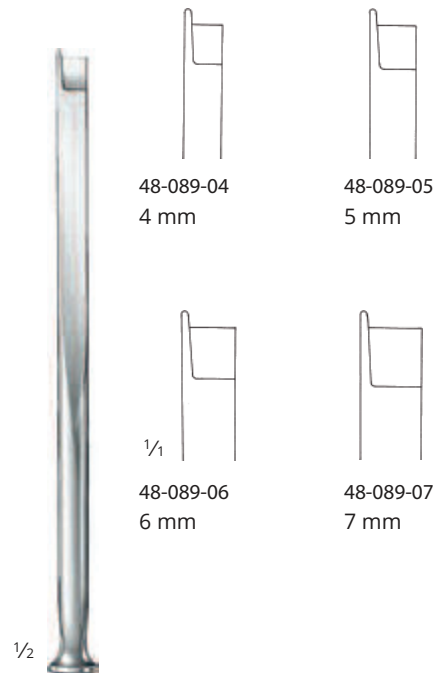
**Walter**  
 48-087-03  
 48-087-04  
 19 cm / 7 <sup>4</sup>/<sub>8</sub>"



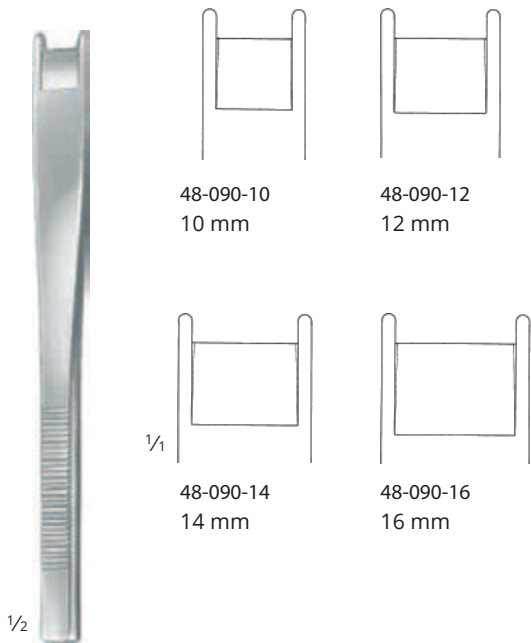
**Walter**  
 48-088-03  
 48-088-12  
 19 cm / 7 <sup>4</sup>/<sub>8</sub>"



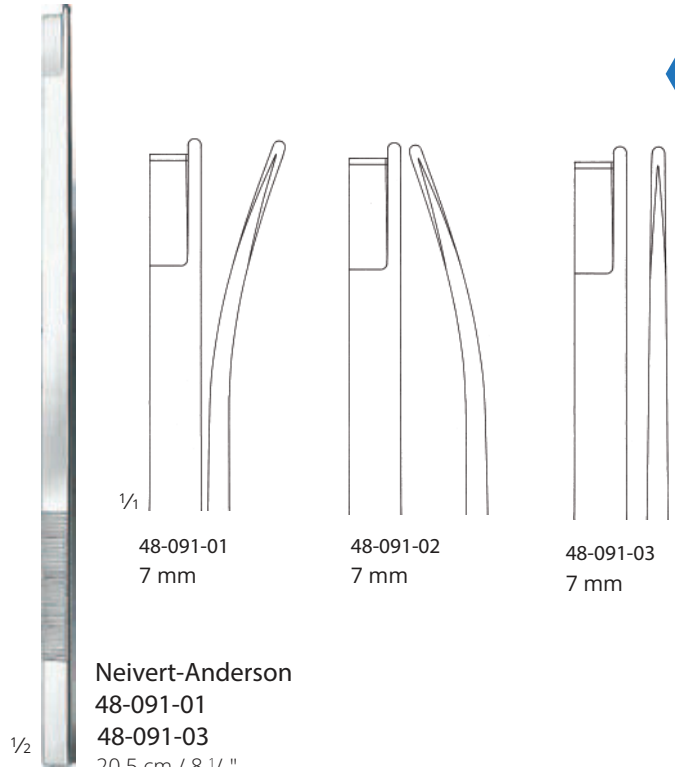
**Fomon**  
 48-089-04  
 48-089-07  
 16 cm / 6 <sup>2</sup>/<sub>8</sub>"



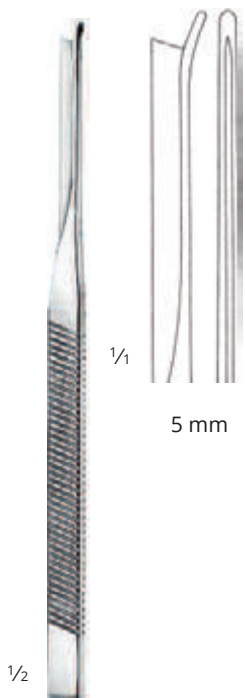
# Rhinoplastic Chisels, Chisels



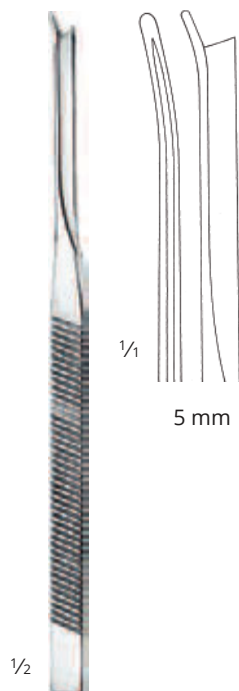
**Cinelli**  
 48-090-10  
 48-090-16  
 16 cm / 6 2/8"



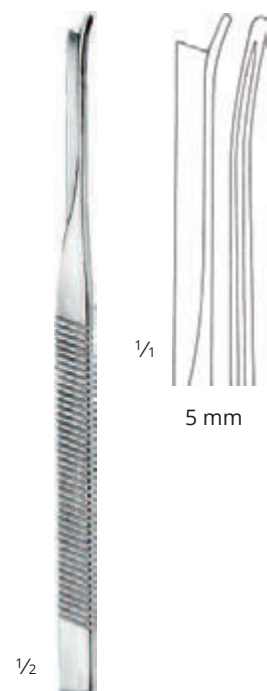
**Neivert-Anderson**  
 48-091-01  
 48-091-03  
 20.5 cm / 8 1/8"



**Silver**  
 48-092-18  
 18 cm / 7 1/8"



**Silver**  
 48-093-18  
 18 cm / 7 1/8"



**Silver**  
 48-094-18  
 18 cm / 7 1/8"

## Nasal Saws



angled to left  
links abgewinkelt  
angulada por izquierda  
coudée vers gauche  
angulata a sinistra

Joseph  
48-095-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



angled to right  
rechts abgewinkelt  
angulada por derecha  
coudée vers droite  
angulata a destra

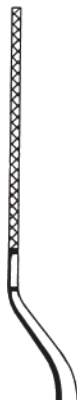
Joseph  
48-096-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



Masing  
52-048-05  
14 cm / 5.5"



48-097-00  
working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile  
40 mm



48-097-01  
working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile  
40 mm



48-097-02  
working length  
Arbeitslänge  
largo útil  
longueur utile  
lunghezza utile  
40 mm

Joseph  
48-097-00  
48-097-02  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"



Cottle  
48-098-00

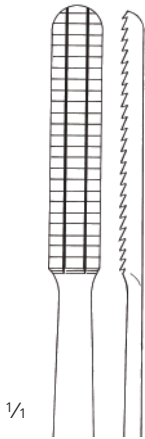
Cartilage Crusher  
Knorpelquetsche  
Machadora  
Pincas-gouge à cartilage  
Torchio per cartilagine  
65 x 30 x 30 mm

## Nasal Raspers, Bone Files, Antrum Raspers



1/2

**Maltz**  
48-099-01  
48-099-02  
17 cm / 6 6/8"



1/1

**48-099-01**  
drawing cut  
auf Zug schneidend  
cortante a tracción  
tranchante à traction  
tagliante a trazione  
34 x 7 mm



**48-099-02**  
pushing cut  
auf Stoss schneidend  
cortante a empuje  
tranchante à impact  
tagliante a urto  
34 x 7 mm



1/2

**Joseph**  
48-100-01  
48-100-02  
16 cm / 6 2/8"



1/1

**48-100-01**  
60 x 8 mm



**48-100-02**  
45 x 9 mm



1/2

**Gallaher**  
48-101-01  
48-101-03  
17 cm / 6 6/8"



1/1

**48-101-01**  
45 x 6 mm



**48-101-02**  
45 x 6 mm

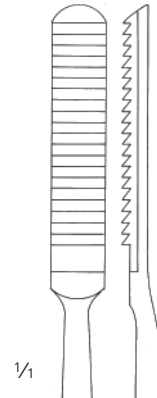


**48-101-03**  
45 x 6 mm



1/2

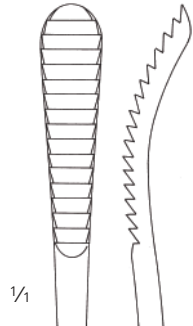
**Cottle**  
48-102-21  
21 cm / 8 2/8"



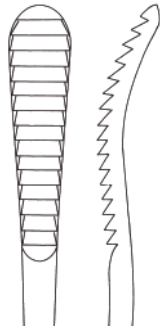
1/1

30 x 8 mm

## Glabella Rasps, Nasal Rasps



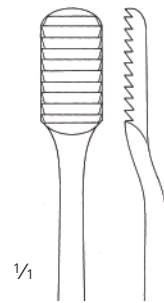
**48-103-21**  
 pushing cut  
 auf Stoss schneidend  
 cortante a empuje  
 tranchante à impact  
 tagliente a urto  
 32 x 9 mm



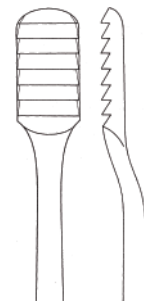
**48-104-21**  
 drawing cut  
 auf Zug schneidend  
 cortante a tracción  
 tranchante à traction  
 tagliente a trazione  
 32 x 9 mm

**Aufricht**  
 48-103-21  
 48-104-21  
 21 cm / 8 <sup>2</sup>/<sub>8</sub>"

1/2



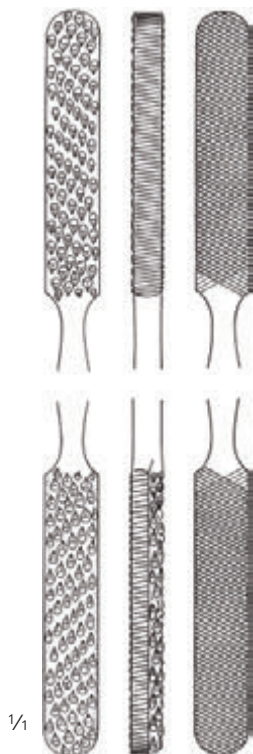
**48-105-19**  
 pushing cut  
 auf Stoss schneidend  
 cortante a empuje  
 tranchante à impact  
 tagliente a urto  
 15 x 8 mm



**48-106-19**  
 drawing cut  
 auf Zug schneidend  
 cortante a tracción  
 tranchante à traction  
 tagliente a trazione  
 15 x 8 mm

**Lewis**  
 48-105-19  
 48-106-19  
 19 cm / 7 <sup>4</sup>/<sub>8</sub>"

1/2



**7 mm**  
**Fomon**  
 48-107-21  
 20,5 cm / 8 <sup>1</sup>/<sub>8</sub>"

1/2

1/4

# Nasal Rasps

TC GOLD



Fig.1  
48-108-01



Fig.2  
48-108-02



Fig.3  
48-108-03



Fig.4  
48-108-04



Fig.5  
48-108-05



Fig.6  
48-108-06



Fig.7  
48-108-07



Fig.8  
48-108-08



Fig.9  
48-108-09

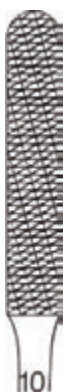


Fig.10  
48-108-10

1/2

Maltz  
48-108-01  
48-108-10  
21 cm / 8 2/8"

# Nasal Rasps

TC GOLD

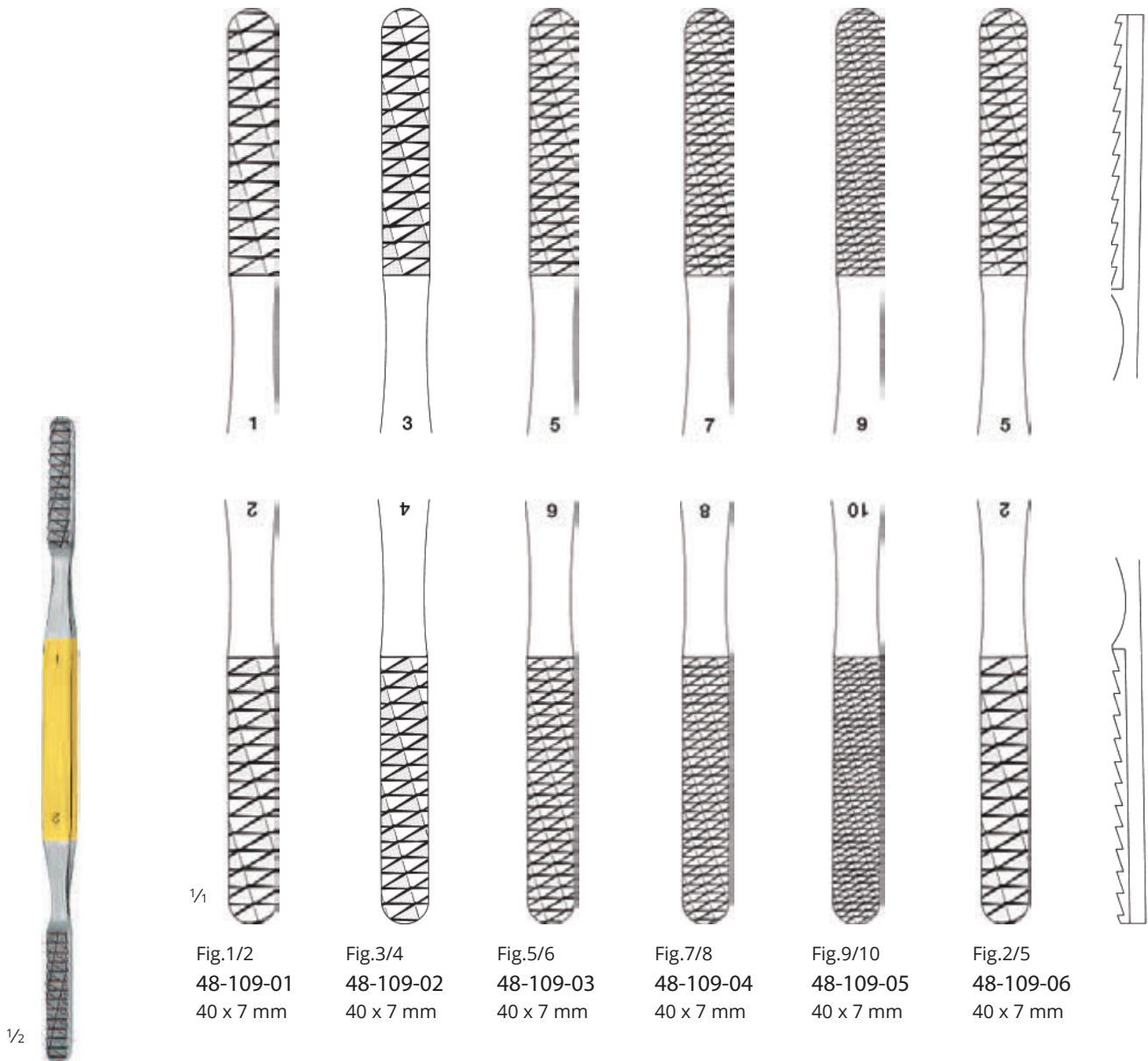


Fig.1/2  
48-109-01  
40 x 7 mm

Fig.3/4  
48-109-02  
40 x 7 mm

Fig.5/6  
48-109-03  
40 x 7 mm

Fig.7/8  
48-109-04  
40 x 7 mm

Fig.9/10  
48-109-05  
40 x 7 mm

Fig.2/5  
48-109-06  
40 x 7 mm

Fomon  
48-109-01  
48-109-06  
20.5 cm / 8 1/8"

## Nasal Hooklets

48



### Joseph

48-110-15

15.5 cm / 6 1/8"

Mucosa Hooklet, sharp  
Schleimhauthäkchen, scharf  
Ganchito para mucosa, agudo  
Crochet pour la muqueuse, pointu  
Uncino per mucosa, acuto

### Cottle

48-111-17 - 48-112-17

17 cm / 6 1/8"

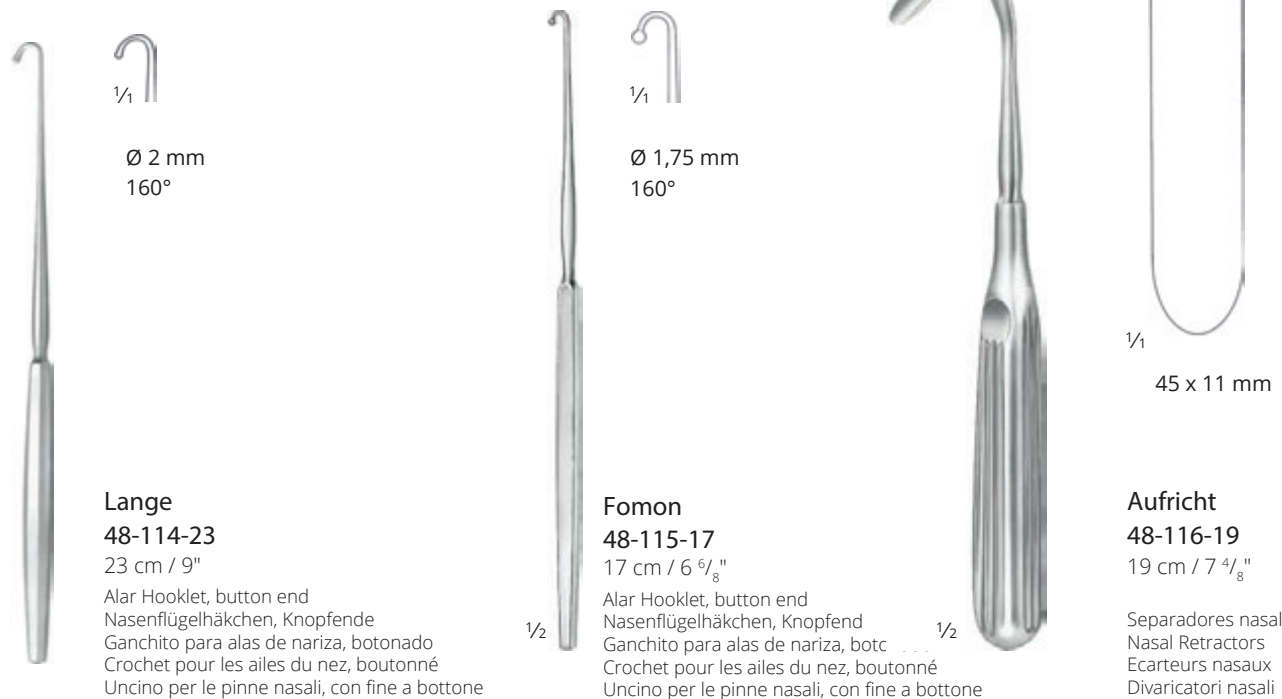
sharp  
scharf  
agudo  
pointu  
acuto

### Cottle

48-113-01 - 48-113-03

14.5 cm / 5 6/8"

sharp  
scharf  
agudo  
pointu  
acuto



### Lange

48-114-23

23 cm / 9"

Alar Hooklet, button end  
Nasenflügelhäkchen, Knopfende  
Ganchito para alas de nariz, botonado  
Crochet pour les ailes du nez, boutonné  
Uncino per le pinne nasali, con fine a bottone

### Fomon

48-115-17

17 cm / 6 6/8"

Alar Hooklet, button end  
Nasenflügelhäkchen, Knopfend  
Ganchito para alas de nariz, botc  
Crochet pour les ailes du nez, boutonné  
Uncino per le pinne nasali, con fine a bottone

### Aufricht

48-116-19

19 cm / 7 4/8"

Separadores nasales  
Nasal Retractors  
Ecarteurs nasaux  
Divaricatori nasali



## Alar Hooklets, Mucosa Hooklet



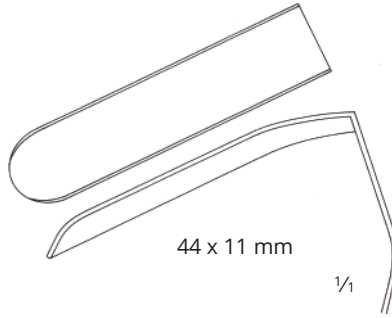
1/2

**Kilner**  
**48-117-8**  
 8 cm / 3 1/8"  
 sharp  
 scharf  
 agudo  
 pointu  
 acuto



1/2

**Converse**  
**48-118-11**  
 10.5 cm / 4 1/8"  
 Nasal Retractors  
 Nasenhaken  
 Separadores nasales  
 Ecarteurs nasaux  
 Divaricatori nasali



44 x 11 mm

1/1



1/2

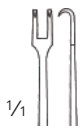
**Converse**  
**48-119-12**  
 11.5 cm / 4 4/8"  
 sharp  
 scharf  
 agudo  
 pointu  
 acuto

1/1



1/2

**Freer**  
**48-120-15**  
 15 cm / 5 7/8"  
 sharp  
 scharf  
 agudo  
 pointu  
 acuto



1/1



1/2

**Joseph**  
**48-121-02**  
**48-121-10**  
 16 cm / 6 1/8"



1/1

**48-121-02**  
 2 mm



**48-121-05**  
 5 mm



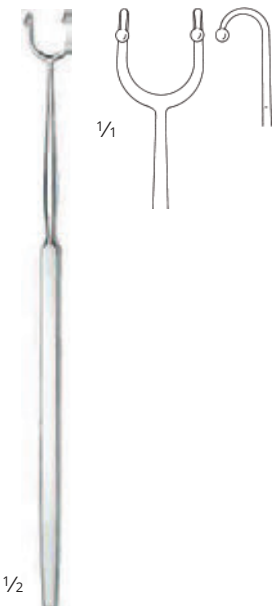
**48-121-07**  
 7 mm



**48-121-10**  
 10 mm



**Desmarres**  
**48-143-14**  
 14 cm / 5.51"



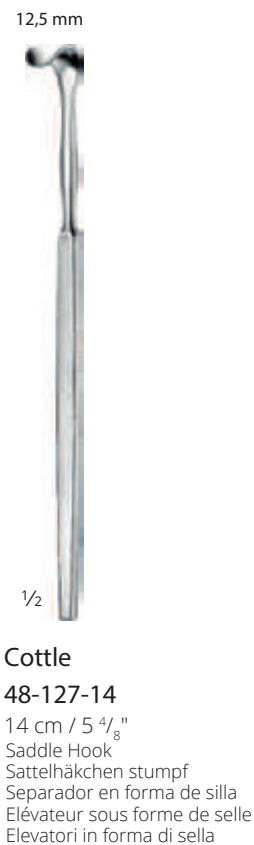
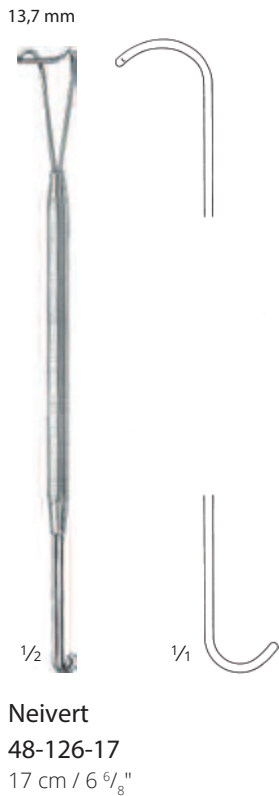
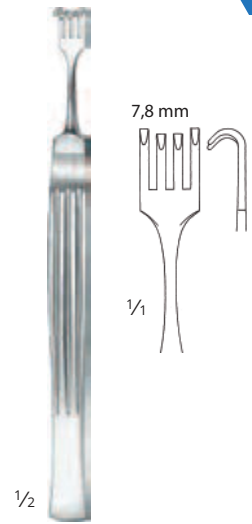
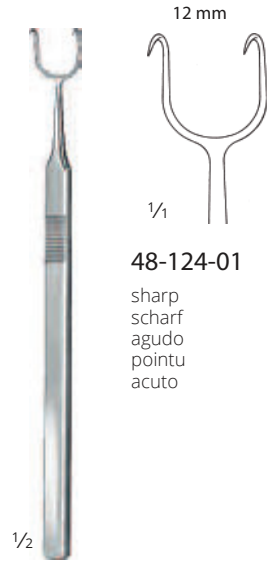
1/2

**Fomon**  
**48-122-16**  
 16 cm / 6 2/8"  
 button ended  
 geknöpft  
 abotonado  
 boutonné  
 a bottone

1/1

## Alar Hooklets, Nasal Retractors

48



## Septum Forceps, Septum Straightening Forceps



**48-131-01**  
 straight  
 gerade  
 recta  
 droite  
 diritta

**48-131-02**  
 left  
 links  
 izquierdo  
 gauche  
 sinistra

**48-131-03**  
 right  
 rechts  
 derecho  
 droit  
 destra



1/2

**Kressner**  
**48-130-22**  
 22 cm / 8 5/8"



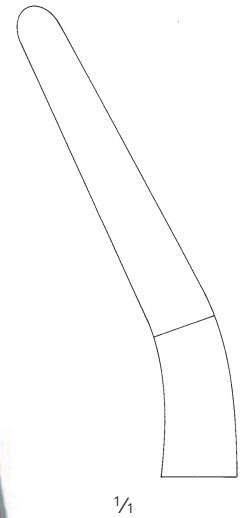
1/2

**Cottle-Walsham**  
**48-131-01**  
**48-131-02**  
 23 cm / 9"



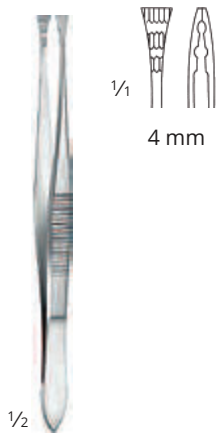
1/2

**Asch**  
**48-132-23**  
 22.5 cm / 8 7/8"

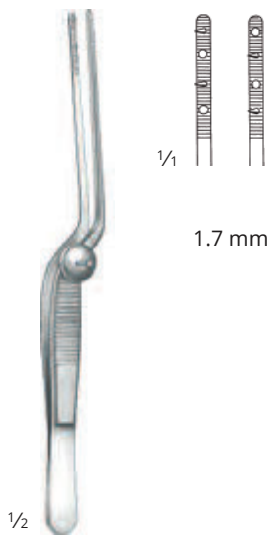


1/4

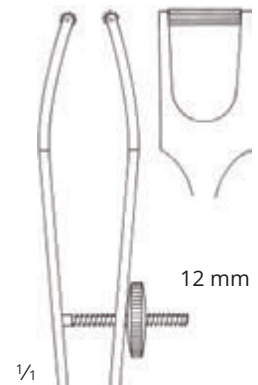
# Skin Grasping Forceps



**Ogura**  
**48-133-11**  
 11 cm / 4 3/8"



**Cottle**  
**48-134-14**  
 14 cm / 5 4/8"  
 with teeth  
 mit Zähnen  
 con dientes  
 avec dents  
 con denti



**Cottle**  
**48-135-11**  
 11 cm / 4 3/8"  
 Columella Forceps  
 Columellapinzette  
 Pinza para columela  
 Pinze à columella  
 Pinza per columella

# Antrum Curettes



Faulkner  
48-136-21  
21 cm / 8 2/8"



Coakley  
48-137-01  
48-137-06  
17 cm / 6 6/8"



# Adenoid Curettes



**Beckmann**  
48-138-01  
48-138-06  
22 cm / 8 5/8"



**Beckmann**  
48-139-01  
48-139-06  
21.5 cm / 8 4/8"

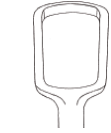


Fig.1  
48-138-00  
9 mm



Fig.2  
48-138-01  
48-139-01  
13 mm

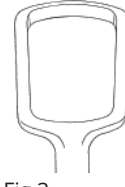


Fig.3  
48-138-02  
48-139-02  
15 mm

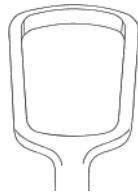


Fig.4  
48-138-03  
48-139-03  
17 mm

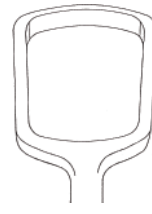


Fig.5  
48-138-04  
48-139-04  
19 mm

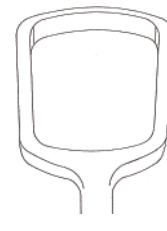


Fig.6  
48-138-05  
48-139-05  
21 mm

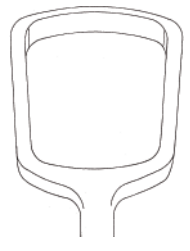


Fig.7  
48-138-06  
48-139-06  
23 mm



**Clair-Thompson**  
48-143-01  
48-143-04  
21 cm / 8.267"

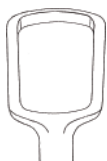


Fig.1  
48-143-01  
10 mm

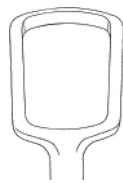


Fig.2  
48-143-02  
12 mm

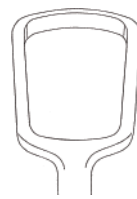


Fig.3  
48-143-03  
14 mm

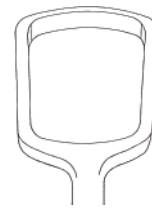


Fig.4  
48-143-04  
16 mm

## Suction Raspary, Frontal Sinus Dilators



**Eicken-Killian**

**48-140-14**

14 cm / 5 <sup>4</sup>/<sub>8</sub> "

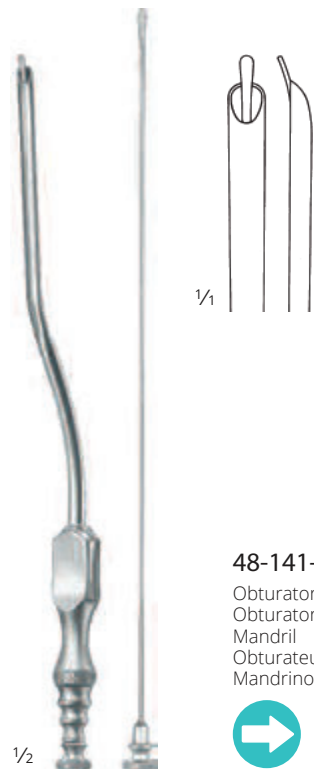
Irrigation Cannula

Spülkanüle

Sonda irrigadora para seno maxilar

Canule à irrigation

Cannula per lavaggio



**Guilen**

**48-141-19**

19 cm / 7 <sup>4</sup>/<sub>8</sub> "

**48-141-90**

Obturator

Obturator

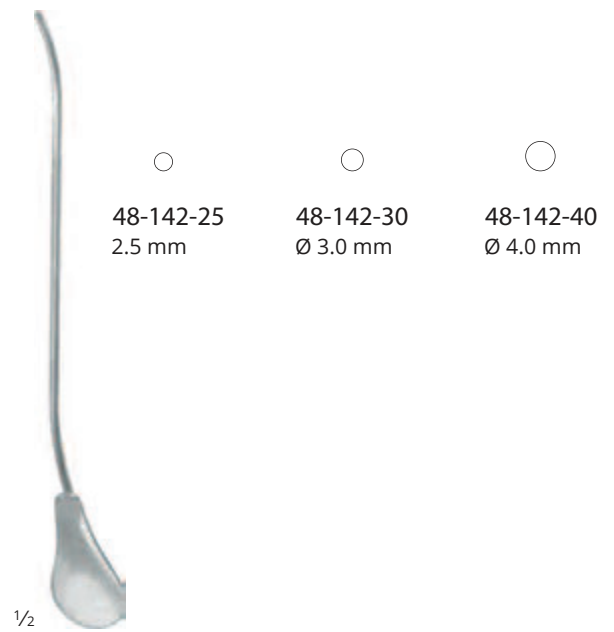
Mandril

Obturateur

Mandrino



**48-141-19**



**48-142-25**  
2.5 mm

**48-142-30**  
Ø 3.0 mm

**48-142-40**  
Ø 4.0 mm

**Ritter-Halle**

**48-142-25**

**48-142-40**

14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "

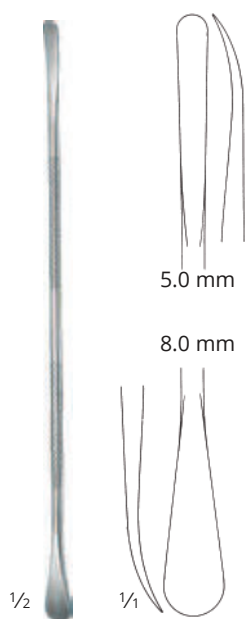


50

# Oral Maxillo- Facial Surgery



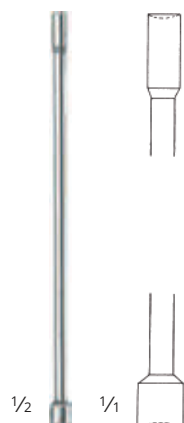
## Elevators, Graft Packers, Burrs



**Terry**  
**50-001-17**

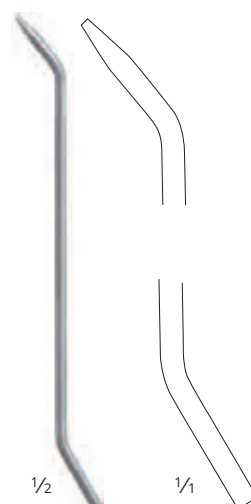
17 cm / 6 <sup>6</sup>/<sub>8</sub> "

for elevation of alveolar flaps  
zur Alveolarlappenabhebung  
para la elevación de las aletas  
alveolares  
pour élévation du lambeau alvéolaire  
per la elevazione del lembo alveolare



**Terry**  
**50-002-11**

11.5 cm / 4 <sup>4</sup>/<sub>8</sub> "



**Terry**  
**50-003-13**

13 cm / 5 <sup>1</sup>/<sub>8</sub> "



**Terry**  
**50-004-18**

18 cm / 7 <sup>1</sup>/<sub>8</sub> "

## Mouth Gags

50



Mouth Gag  
50-012-14



Draffin Bipod Stand  
52-048-01 50.5 cm  
52-048-04 38.5 cm



Kilner-Doughty  
50-005-00  
Chest Support  
Bruststütze  
Soporte de pecho  
Support contre-poitrine  
Supporto per petto



Draffin Bipod Plate  
52-048-02 40.5 cm



50-006-00

## Mouth Gags



1/2

**50-006-90**

Palate Plate  
Gaumenplatte  
Plaquita paldia  
Plaque platine  
Placca per palato

**Kilner-Doughty**

**50-006-00**

complete, with frame, 3 tongue depressors, 2 toothplates and 1 palate plate  
komplett mit Rahmen, 3 Zungenspatel, 2 Zahnplatten und 1 Gaumenplatte  
completo con bastidor, 3 bajalenguas, 2 plaquitas de dientes y 1 plaquita paldia  
complet avec cadre, 3 abaisse-langue, 2 plaques pour dents e 1 plaque palatine  
completo, con telaio, 3 abassalingua, 2 placche per denti e 1 placca per palato

**Kilner-Doughty**

**50-006-14**

14.5 cm / 5 7/8"  
Frame for Mouth Gag  
Mundsperrer-Rahmen  
Bastidor para abrebooca  
Cadre pour ouvre-bouche  
Telaio per apribocca



50-006-00

**Kilner-Doughty**

**50-006-01**

**50-006-03**

Tongue Depressor  
Zungendrucker  
Bajalengua  
Abaisse-langue  
Abassalingua

fenestrated blade for suction  
gefenstertes Blatt für Absaugung  
hoja fenestrada para succión  
lame fenêtrée pour aspiration  
lama con finestra per aspirazione

1/2



Fig.1  
**50-006-01**  
68 x 30 mm



Fig.2  
**50-006-02**  
77 x 34 mm



Fig.3  
**50-006-03**  
82 x 39 mm



50-006-00

# Mouth Gags



1/2

**Neukam  
50-007-00**

complete, with frame and 3 tongue depressors  
komplett mit Rahmen und 3 Zungenspateln  
completo con bastidor y 3 bajalenguas  
complet avec cadre et 3 abaisse-langue  
completo, con telaio e 3 abassalingua

**50-007-10**

Frame for Mouth Gag, only  
Mundsperrer-Rahmen, allein  
Bastidor para abrebooca, suelto  
Cadre pour ouvre-bouche, seul  
Telaio per apribocca, solo

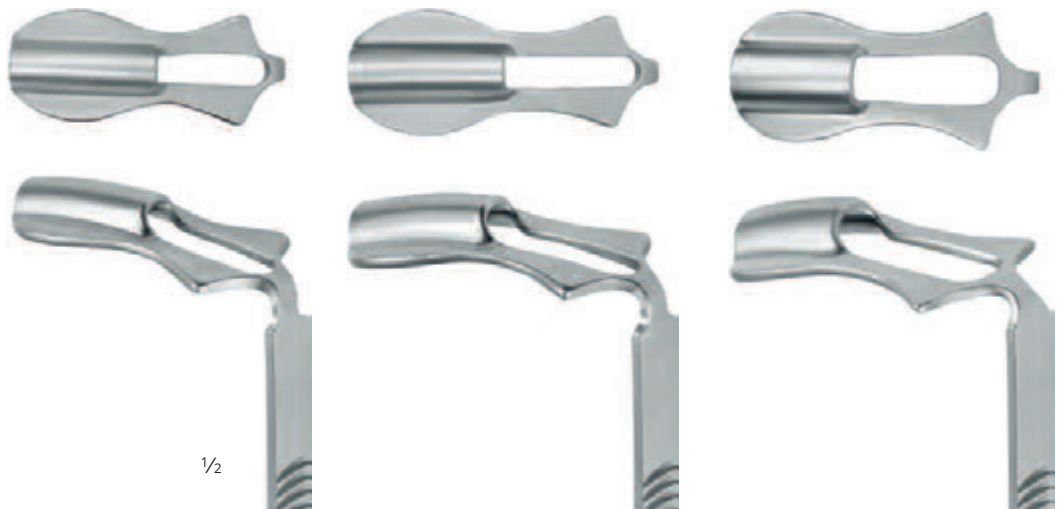


50-007-00

**50-007-01  
50-007-03**

Tongue Depressor  
Zungendrucker  
Bajalengua  
Abaisse-langue  
Abassalingua

fenestrated blade for suction  
gefenstertes Blatt für Absaugung  
hoja fenestrada para succión  
lame fenêtrée pour aspiration  
lama con finestra per aspirazione



1/2



50-007-00

Fig.1  
50-007-01

Fig.2  
50-007-02

Fig.3  
50-007-03

## Mouth Gags



### Davis-Boyle 50-008-00

complete, consisting of frame and 5 tongue depressors no. 1 - 5  
 komplett, bestehend aus Rahmen und fünf Zungenspateln Fig. 1 - 5  
 completo, consiste de bastidor y 5 bajalenguas no. 1 - 5  
 complet, se composant de cadre e 5 abaisse-langue no. 1 - 5  
 completo, composto di telaio e 5 abassalingua no. 1 - 5

1/2

### 50-008-50

Frame for Mouth Gag with joint  
 Mundsperrer-Rahmen mit Gelenk  
 Bastidor para abrebooca con articulación  
 Cadre pour ouvre-bouche avec joint articulé  
 Telaio per apribocca con snodo

### 50-008-10

Frame for Mouth Gag  
 Mundsperrer-Rahmen  
 Bastidor para abrebooca  
 Cadre pour ouvre-bouche  
 Telaio per apribocca



50-008-00

### 50-008-90

Silicone inlay  
 Silikoneinlage  
 Plaquita de silicona  
 Cadre pour ouvre-bouche  
 Stuoia in silicone



50-008-50



### 50-008-01 50-008-05

with fixed suction tube  
 mit fester Absaugung  
 con tubo de succión fijo  
 avec tube d'aspiration fixée  
 con tubo di aspirazione fisso

1/2

Fig.1  
 50-008-01  
 110 x 28 mm



Fig.2  
 50-008-02  
 95 x 27 mm



Fig.3  
 50-008-03  
 80 x 27 mm



Fig.4  
 50-008-04  
 65 x 26 mm



Fig.5  
 50-008-05  
 30 x 20 mm

without suction tube  
 ohne Absaugung  
 sin tubo de succión fijo  
 sans tube d'aspiration fixée  
 senza tubo di aspirazione fisso



50-008-00

## Mouth Gags

50



1/2

### Mclvor 50-009-00

complete, with 3 tongue depressors  
komplett, mit 3 Zungenspateln  
completo, con 3 bajalenguas  
complet, avec 3 abaisse-langue  
completo, con 3 abassalingua

### Mclvor 50-009-10

complete, with 3 tongue depressors  
komplett, mit 3 Zungenspateln  
completo, con 3 bajalenguas  
complet, avec 3 abaisse-langue  
completo, con 3 abassalingua



50-009-00



V50-009-00

### Mclvor 50-009-01 50-009-03

Tongue Depressor  
Zungenspatel  
Bajalengua  
Abaisse-langue  
Abassalingua



1/2

Fig.1  
50-009-01  
100 x 25 mm

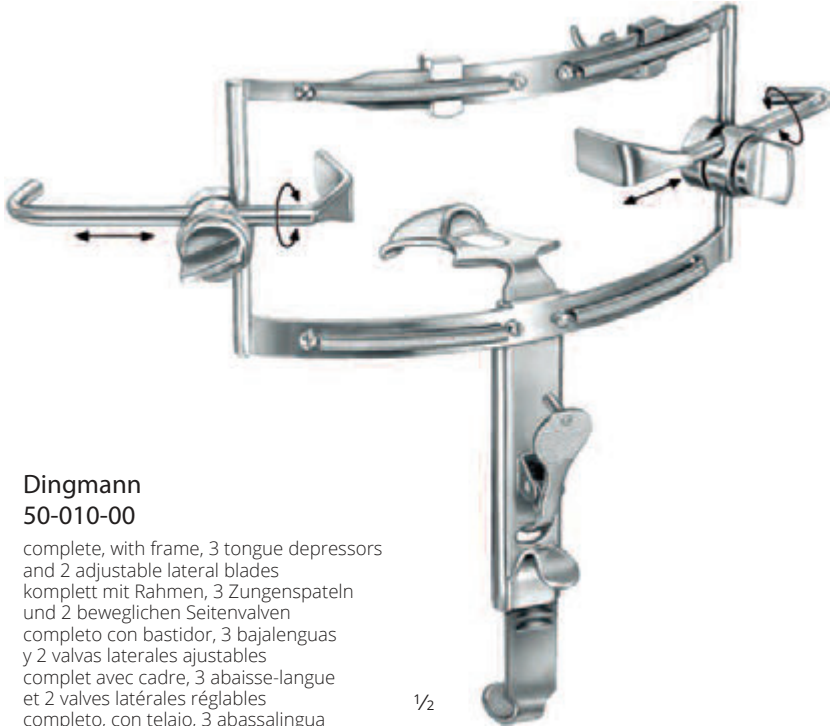


Fig.2  
50-009-02  
85 x 25 mm



Fig.3  
50-009-03  
75 x 25 mm

## Mouth Gags



### Dingmann 50-010-00

complete, with frame, 3 tongue depressors  
and 2 adjustable lateral blades  
komplett mit Rahmen, 3 Zungenspateln  
und 2 beweglichen Seitenvalven  
completo con bastidor, 3 bajalenguas  
y 2 valvas laterales ajustables  
complet avec cadre, 3 abaisse-langue  
et 2 valves latérales réglables  
completo, con telaio, 3 abassalingua  
e 2 valve laterali movibili

1/2

### Dingmann 50-010-00 50-010-03

Tongue Depressor  
Zungenspatel  
Bajalengua  
Abaisse-langue  
Abassalingua



50-010-00



1/2

Fig.1  
50-010-01  
62 x 26 mm



Fig.2  
50-010-02  
65 x 30 mm



Fig.3  
50-010-03  
78 x 32 mm

## Mouth Gags, Lip and Cheek Retractors

50



1/2

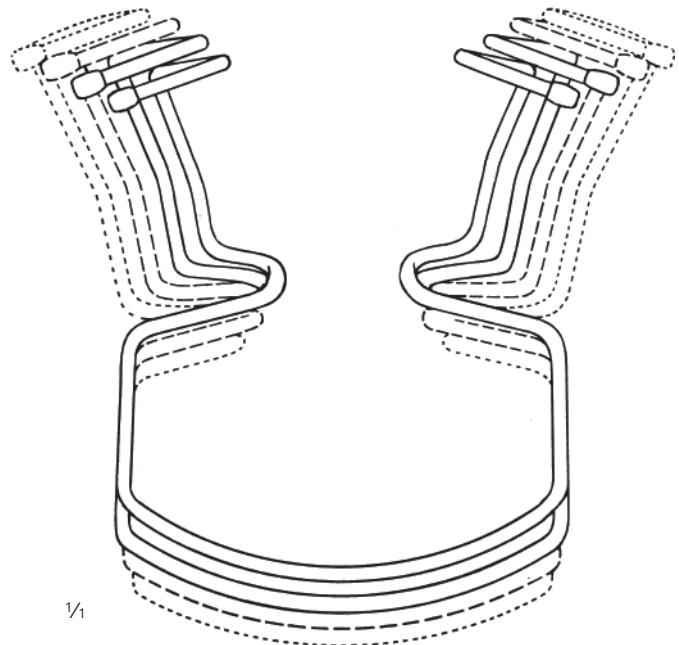
**Jennings**  
50-011-09  
50-011-15

50-011-09	10.5 cm / 4 1/8"
50-011-11	12.5 cm / 4 7/8"
50-011-13	14.5 cm / 5 6/8"
50-011-15	16.5 cm / 6 4/8"



1/2

**Oringer**  
50-012-00  
9.5 cm / 3 6/8"  
self retaining, for children  
selbsthaltend, für Kinder  
autoestático, para niños  
autostatique, pour enfants  
autostatico, per bambini



1/4

Fig.1	50-012-01	10.5 cm / 4 1/8"
Fig.2	50-012-02	12.5 cm / 4 7/8"
Fig.3	50-012-03	14.5 cm / 5 6/8"

### 50-012-13

self retaining  
selbsthaltend  
autoestático  
autostatique  
autostatico

set with no. 1-3  
Satz mit Fig. 1-3  
juego de no. 1-3  
jeu de no. 1-3  
set con no. 1-3



## Lip and Cheek Retractors



1/2

**Martin-Simplex**  
50-013-11  
10.5 cm / 4 1/8"



1/2

**50-014-14**  
14 cm / 5 4/8"  
Vestibulum Retractor  
Vestibulumhaken  
Separador para vestibulo  
Ecarteur pour vestibulum  
Separatore per vestibulo

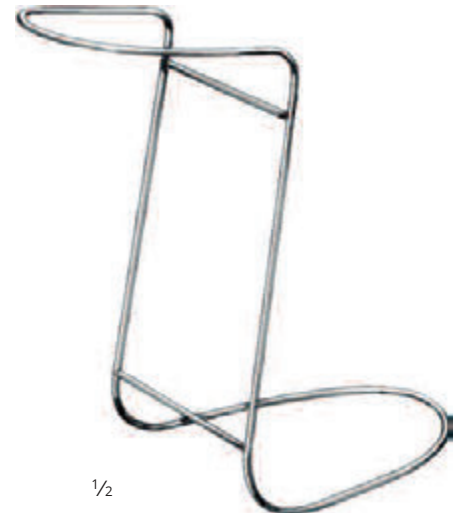


1/2

**Sternberg**  
50-015-14  
14 cm / 5 4/8"

26 mm

37 mm



1/2

**Obwegeser**  
50-016-12  
12 cm / 4 6/8"



1/2

**Bishop**  
50-017-13  
13.5 cm / 5 3/8"



1/2

**Cawood-Minnesota**  
50-018-15  
15.5 cm / 6 1/8"



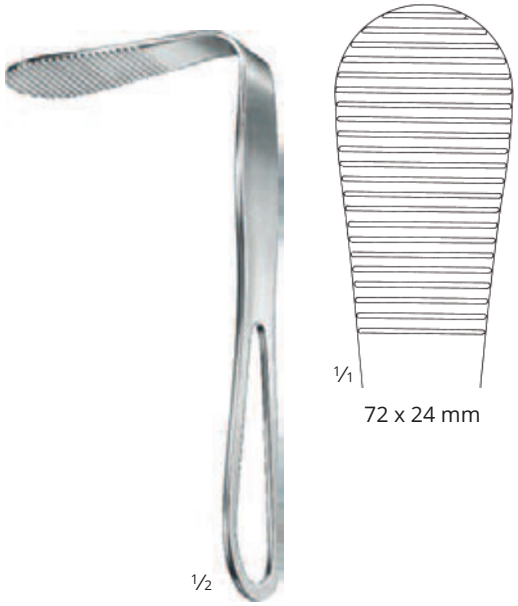
1/2

**Cawood-Minnesota**  
50-019-00  
14.5 cm / 5 6/8"



1/2

# Tongue Depressors



**Hartmann**  
50-020-15  
15 cm / 5 7/8"



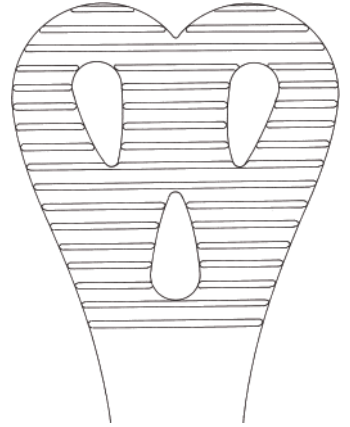
**Tobold**  
50-021-15  
15 cm / 5 7/8"



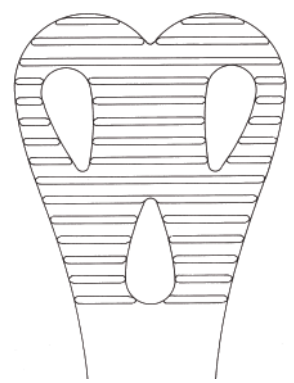
**Tobold**  
50-022-16  
16 cm / 6 2/8"



**Wieder**  
50-023-01  
50-023-02



**50-023-02**  
15 cm / 5 7/8"  
43 mm



**50-023-01**  
14 cm / 5 4/8"  
36 mm

## Tongue Depressors



1/2

**50-024-15**  
15 cm / 5 7/8"

wood  
Holz  
madera  
bois  
legno

**19 mm**  
package of 100 pieces  
Packung mit 100 Stück  
paquete con 100 piezas  
paquet avec 100 pièces  
confezione di 100 pezzi



1/2

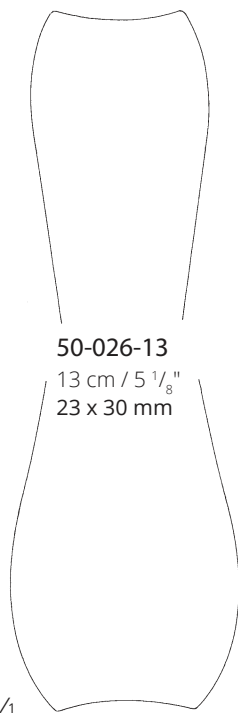


**Martin**  
**50-025-18**  
18.5 cm / 7 2/8"



1/2

**Doyen**  
**50-026-13**  
**50-026-16**



1/1

**50-026-13**  
13 cm / 5 1/8"  
23 x 30 mm



**50-026-16**  
16 cm / 6 2/8"  
30 x 33 mm



1/2

**Brünings**  
**50-027-19**  
19 cm / 7 4/8"

15 mm

19 mm

## Tongue Holding Forceps

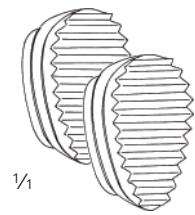
50



Collin  
50-028-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub>"



Young  
50-029-15  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"



Young  
50-030-02  
Rubber Inserts  
Gummipolster  
Bocas de goma  
Mors en caoutchouc  
Cuscino di gomma

pair  
Paar  
par  
paire  
paio



50-029-15

## Extra Oral Retractors

9.5/16 mm



**50-031-22**

22 cm / 8 <sup>5</sup>/<sub>8</sub> "

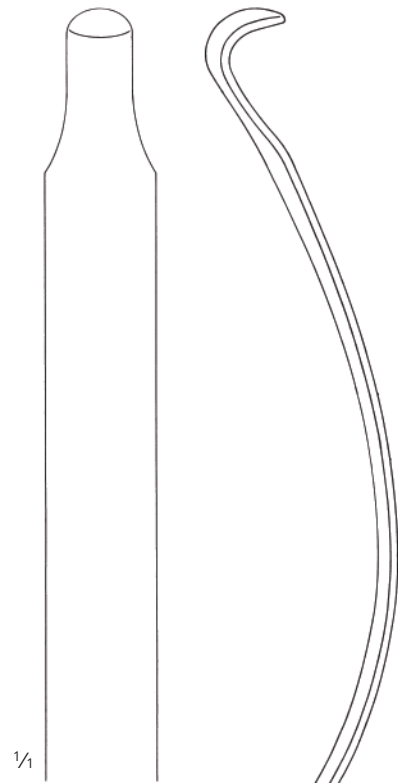
concave, fully bent tip  
 konkav, stark aufgebogen  
 concáva, fuertemente curva  
 concave, courbé énormément  
 concava, fortemente curva



**Eckelt**

**50-032-21**

21 cm / 8 <sup>2</sup>/<sub>8</sub> "



# Extra Oral Retractors

50

9.5/16 mm



1/2

**50-033-27**

25 cm / 9 7/8"

concave, fully bent tip  
 konkav, stark aufgebogen  
 concáva, fuertemente curva  
 concave, courbé énormément  
 concava, fortemente curva



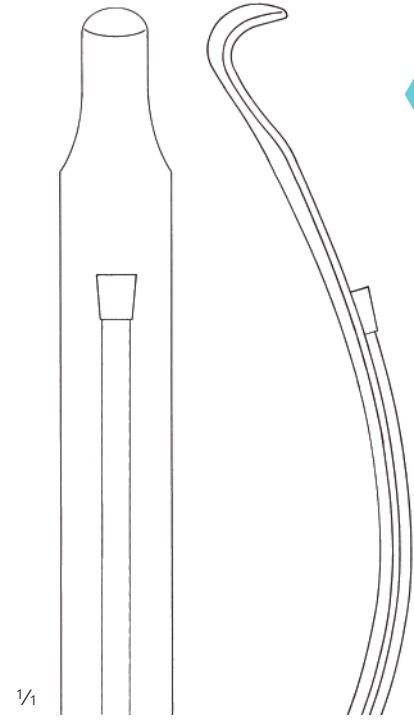
1/2

**Eckelt**

**50-034-25**

25 cm / 9 7/8"

concave, fully bent tip  
 konkav, stark aufgebogen  
 concáva, fuertemente curva  
 concave, courbé énormément  
 concava, fortemente curva



1/1

## Intra Oral Retractors



1/2

**50-035-23**

23 cm / 9"

for LeFort osteotomies  
für LeFort Osteotomie  
para osteotomías según LeFort  
pour ostéotomie selon LeFort  
per osteotomie sec. LeFort

25.5 mm



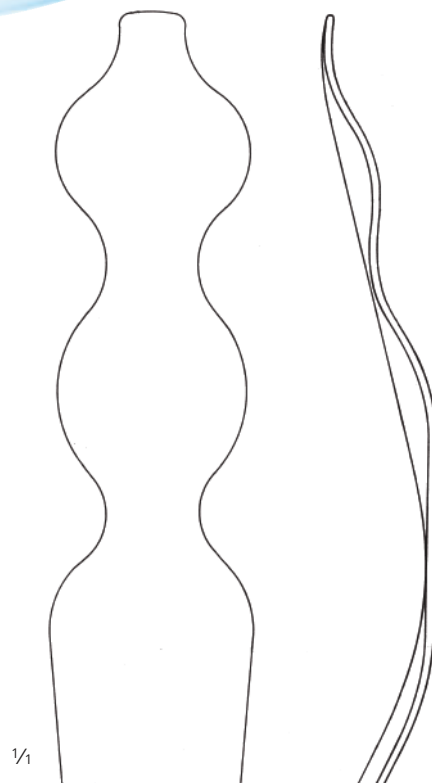
1/2

**50-036-26**

26 cm / 10 <sup>2</sup>/<sub>8</sub>"

for LeFort osteotomies  
für LeFort Osteotomie  
para osteotomías según LeFort  
pour ostéotomie selon LeFort  
per osteotomie sec. LeFort

25.5 mm

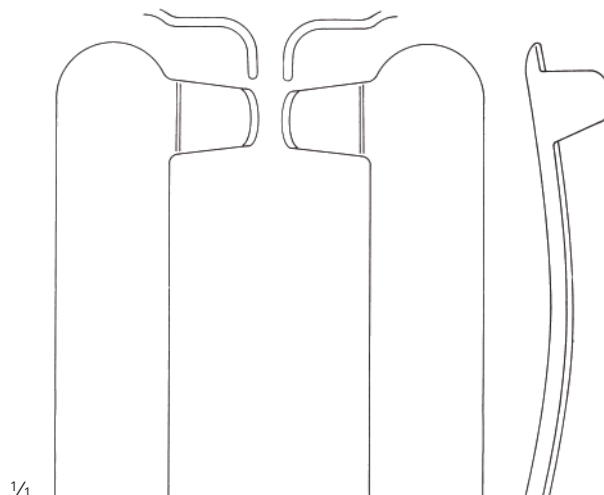


1/1



## Intra Oral Retractors

50



1/1

26.5/16 mm

26.5/16 mm

26.5/16 mm

26.5/16 mm



1/2



1/2



1/2



1/2

**50-037-21**

21 cm / 8 <sup>2</sup>/<sub>8</sub> "

right  
rechts  
derecho  
droit  
destra

**50-038-21**

21 cm / 8 <sup>2</sup>/<sub>8</sub> "

left  
links  
izquierdo  
gauche  
sinistra

**50-039-24**

24.5 cm / 9 <sup>5</sup>/<sub>8</sub> "

right  
rechts  
derecho  
droit  
destra



**50-040-24**

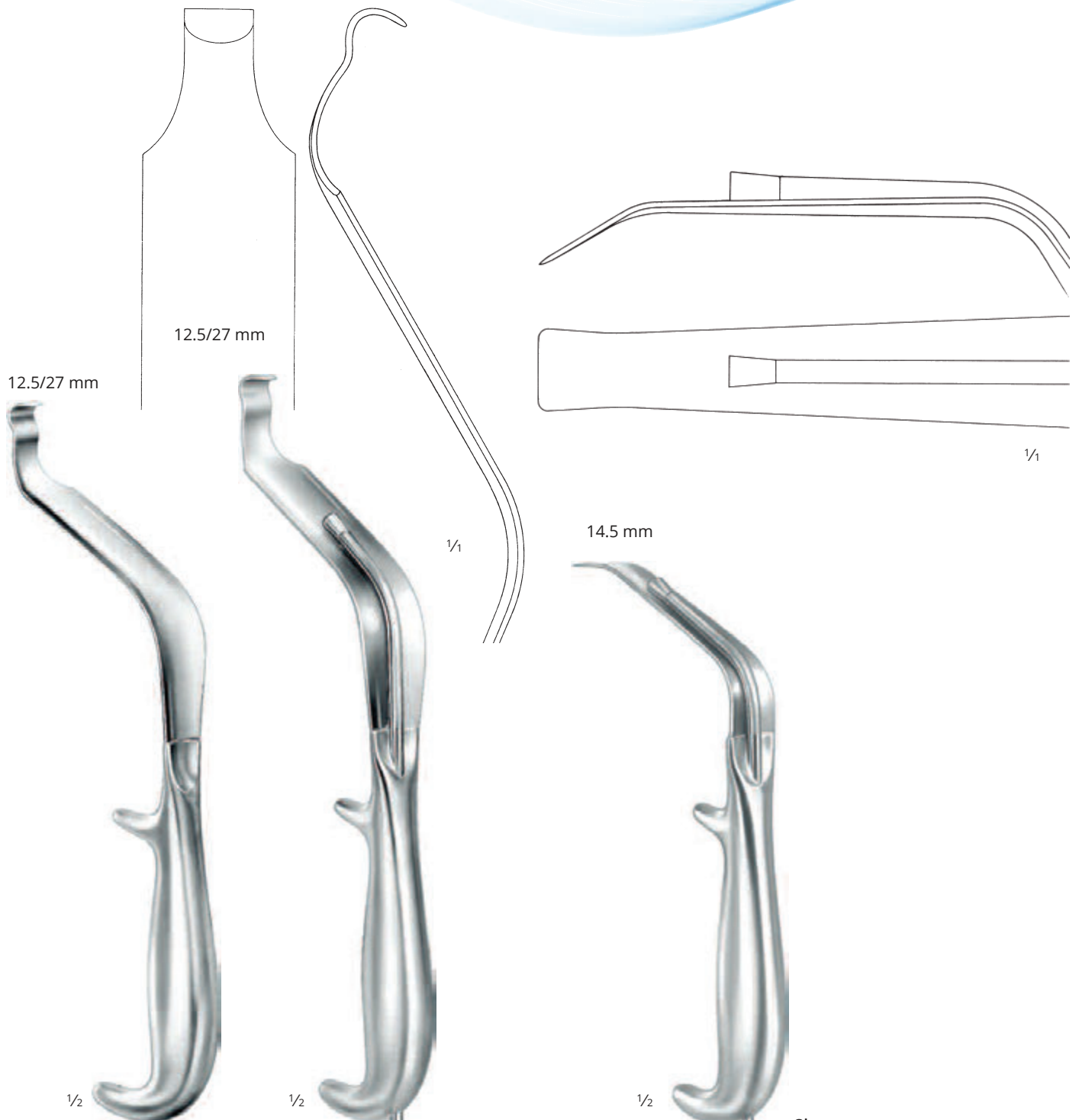
24.5 cm / 9 <sup>5</sup>/<sub>8</sub> "

left  
links  
izquierdo  
gauche  
sinistra





## Intra Oral Retractors



**50-041-25**

25 cm / 9 <sup>7</sup>/<sub>8</sub> "

L&M for vertical osteotomy  
L&M, für vertikale Osteotomie  
L&M, para osteotomía vertical  
L&M, pour ostéotomie verticale  
L&M, per osteotomia verticale

**50-042-28**

28 cm / 11"

L&M for vertical osteotomy  
L&M, für vertikale Osteotomie  
L&M, para osteotomía vertical  
L&M, pour ostéotomie verticale  
L&M, per osteotomia verticale

**Shea**

**50-043-24**

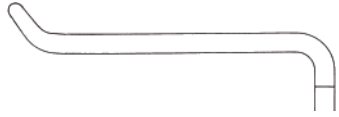
23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "

Multi purpose Retractor  
Mehrzweck-Retraktor  
Separador de aplicaciones varias  
Rétracteur pour applications différentes  
Separatore multiuso



## Soft Tissue Retractors

50



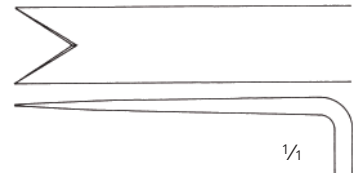
**50-044-40**  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub> "  
43 x 11 mm



**50-044-55**  
23 cm / 9 "  
57 x 11 mm



**50-044-80**  
23 cm / 9 "  
80 x 16 mm



<sup>1</sup>/<sub>1</sub>  
43 x 10 mm



<sup>1</sup>/<sub>2</sub>

**Obwegeser**  
**50-044-40**  
**50-044-80**

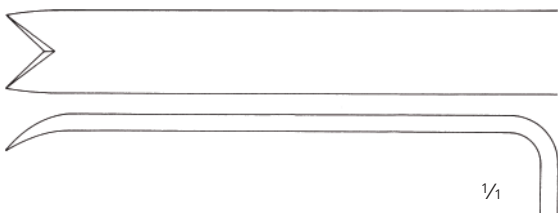


<sup>1</sup>/<sub>2</sub>

**Obwegeser**  
**50-045-22**

22 cm / 8 <sup>5</sup>/<sub>8</sub> "  
Nasal Spine Retractor  
Spina nasalis-Haken  
Separador para spina nasalis  
Ecarteur pour spina nasalis  
Separatore per spina nasale

# Ramus Retractors, Chin Retractor, Channel Retractors



72 x 10 mm



1/2

Obwegeser  
50-046-22  
22 cm / 8 5/8"



1/2

Obwegeser  
50-047-16  
16.5 cm / 6 4/8"



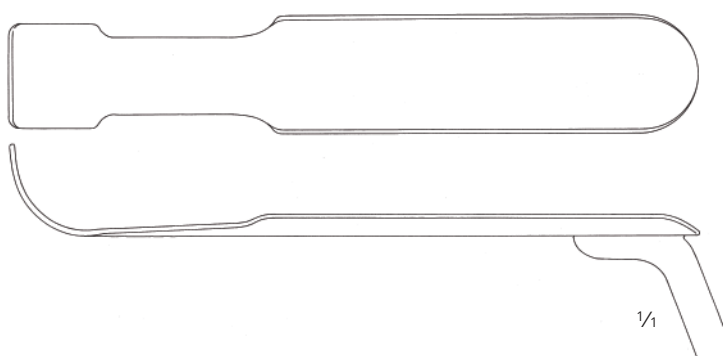
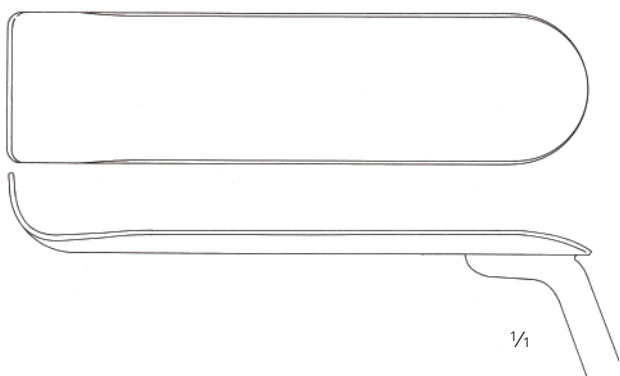
1/2

Obwegeser  
50-048-08  
50-048-10

50-048-08  
16 cm / 6 2/8"  
8 mm

50-048-10  
16 cm / 6 2/8"  
10 mm

# Progeny Retractor



Schuchardt  
50-049-18  
18 cm / 7  $\frac{1}{8}$ "



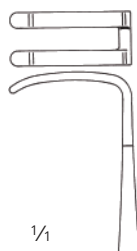
Metz  
50-050-20  
19.5 cm / 7  $\frac{5}{8}$ "

# Retractors



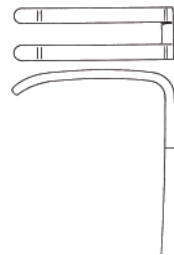
1/2

50-051-01  
50-051-02  
18 cm / 7 1/8"



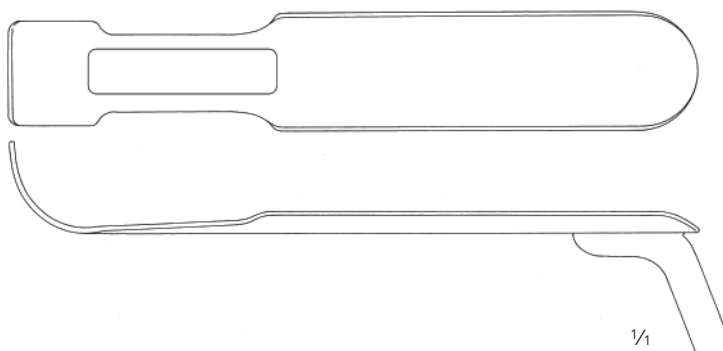
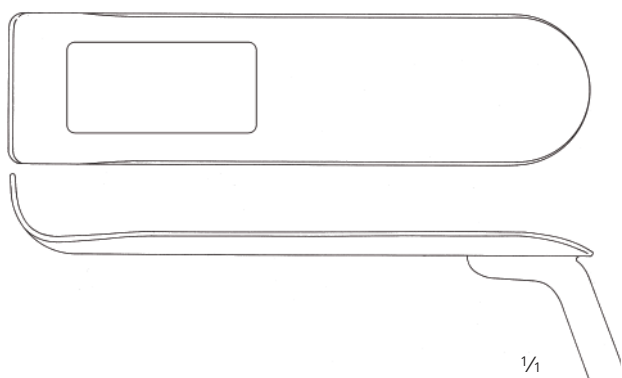
1/4

Koberg  
50-051-01  
15 x 7 mm



Koberg, mod.  
50-051-02  
20 x 7 mm

# Progeny Retractor

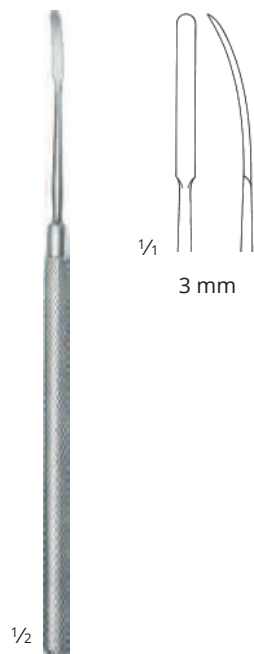


Schuchardt-Lauer  
50-052-15  
15 cm / 5 7/8"

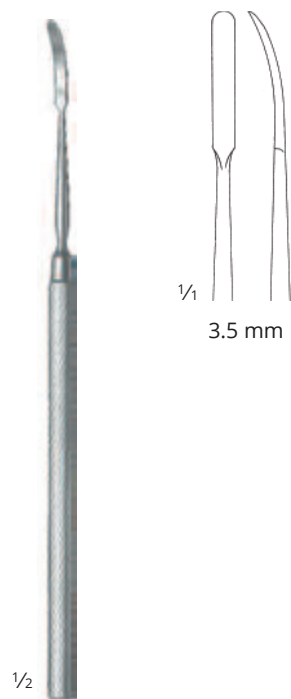


Metz-Lauer  
50-053-15  
15 cm / 5 7/8"

## Periosteal Elevators

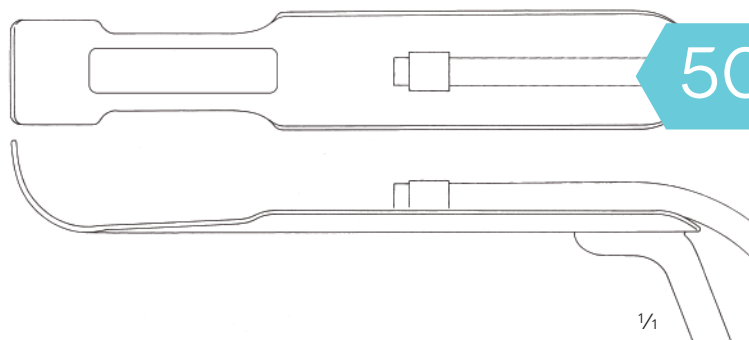
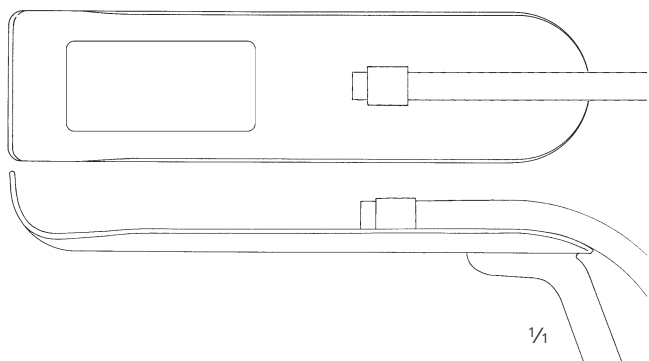


**50-054-18**  
18 cm / 7  $\frac{1}{8}$ "



**50-055-18**  
18 cm / 7  $\frac{1}{8}$ "

## Progeny Retractor



1/2

Schuchardt-Lauer  
50-056-10  
15 cm / 5 7/8"



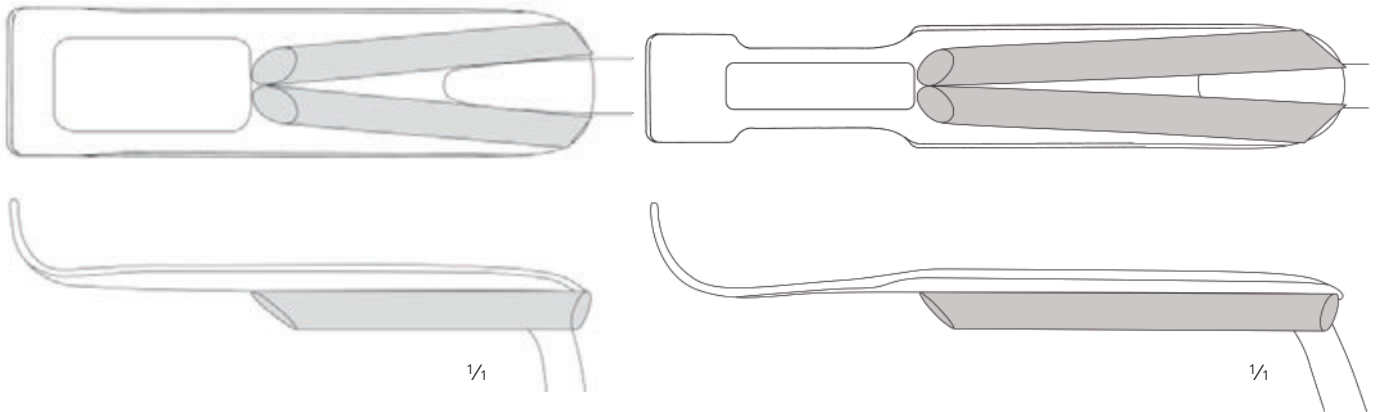
1/2

Metz-Lauer  
50-057-15  
15 cm / 5 7/8"





## Progeny Retractor



1/2

**Schuchardt-Lauer**

50-058-20

20 cm / 7 <sup>7</sup>/<sub>8</sub> "



1/2

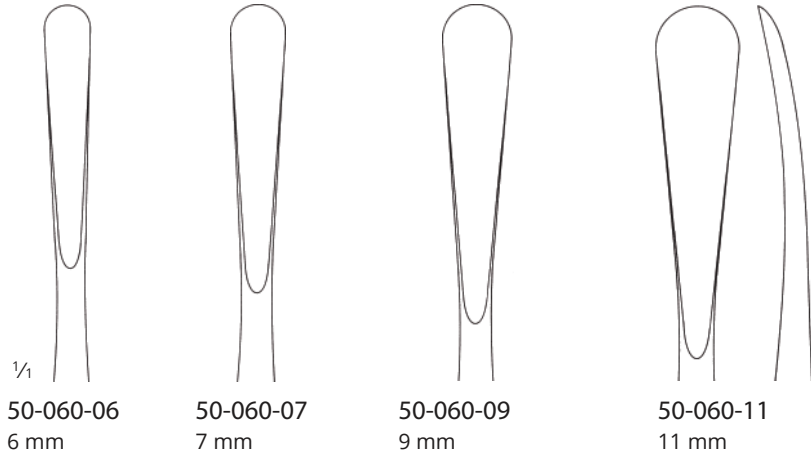
**Metz-Lauer**

50-059-20

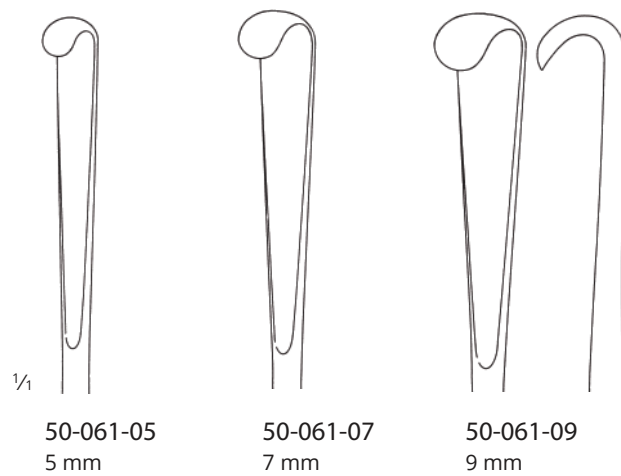
20 cm / 7 <sup>7</sup>/<sub>8</sub> "



# Periosteal Elevators



Obwegeser  
 50-060-06  
 50-060-11  
 17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"



Obwegeser  
 50-061-05  
 50-061-09  
 20 cm / 7 <sup>7</sup>/<sub>8</sub>"

# Periosteal Elevators



1/2

Obwegeser



1/1

50-062-01  
17.5 cm / 6 7/8"



50-062-02  
17.5 cm / 6 7/8"



1/2

Krenkel  
50-063-01  
50-063-04  
24.5 cm / 9 5/8"



50-063-01  
Periosteal Elevator  
Periostelevatorium  
Legra  
Rugine-raspatoire  
Elevatore per periosteo



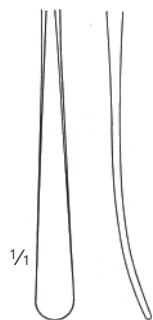
50-063-02  
Periosteal Elevator  
Periostelevatorium  
Legra  
Rugine-raspatoire  
Elevatore per periosteo



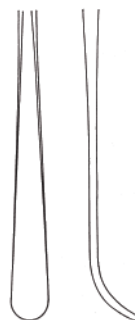
Fig.11  
50-063-03  
Condylar Repositioning Instrument  
Gelenkpositionierer  
Instrumento para reposicion condylar  
Repositionneur pour articul. mahoire  
Strumento di riposizionamento condilare



Fig.12  
50-063-04



1/1



## Elevators, Osteotomes, Wire Pushers

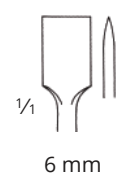
50



Obwegeser  
50-064-21  
20.5 cm / 8 1/8"



Obwegeser  
50-065-21  
20.5 cm / 8 1/8"



Obwegeser  
50-066-15  
15 cm / 5 7/8"



50-067-00  
17 cm / 6 6/8"



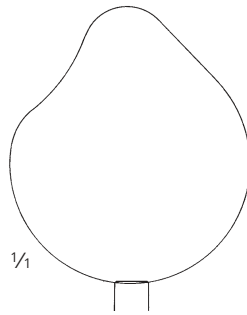
Rowe  
50-068-15  
15 cm / 5 7/8"

## Orbital Hook, Orbital Rim Retractor



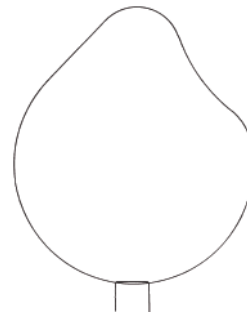
1/2

Rowe  
50-069-01  
50-069-02  
19 cm / 7 4/8"

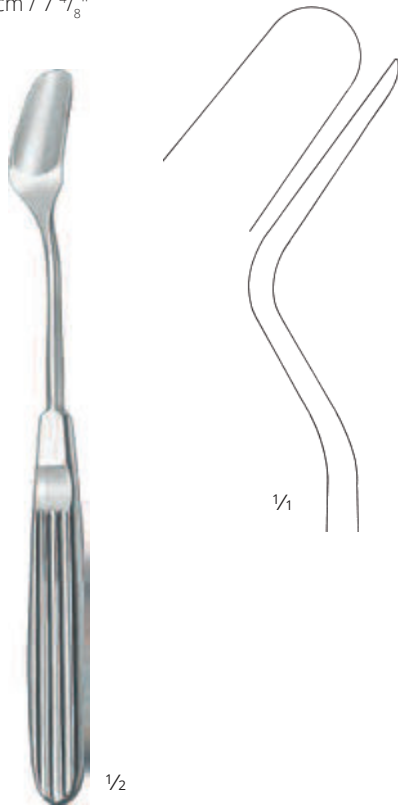


1/1

50-069-01  
left  
links  
izquierdo  
gauche  
sinistra



50-069-02  
right  
rechts  
derecho  
droit  
destra



1/2

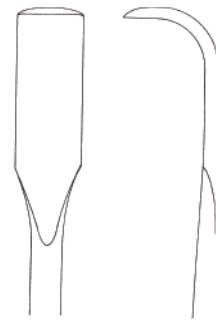
50-070-20  
20 cm / 7 7/8"

1/1



1/2

Donovan  
50-071-20  
19.5 cm / 7 5/8"



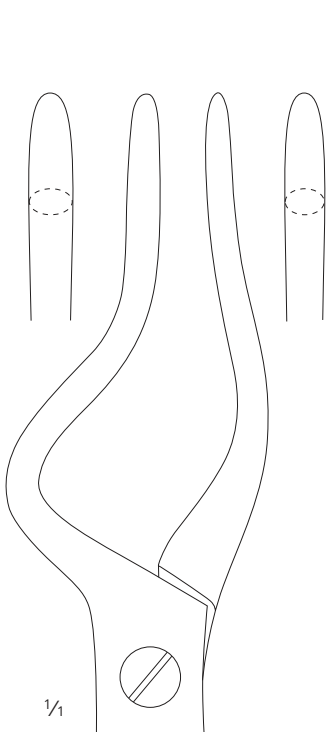
16.5 mm



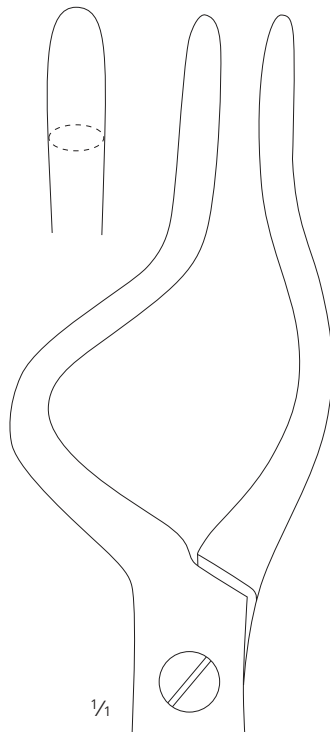
1/1

# Disimpaction Forceps

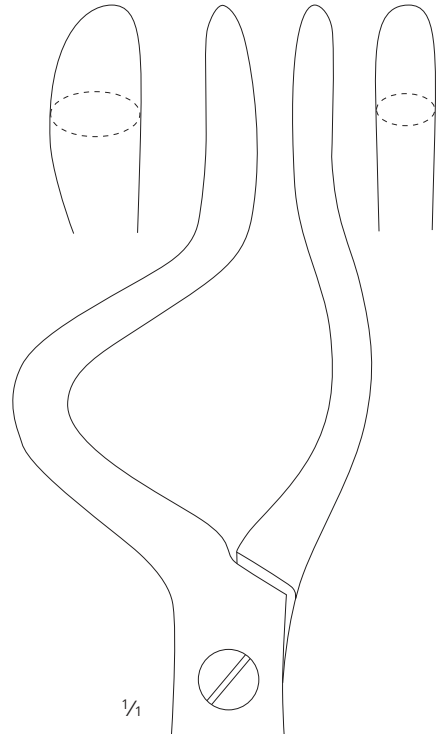
50



50-072-01 L  
50-073-01 R  
21.5 cm / 8 4/8"



50-072-02 L  
50-073-02 R  
24 cm / 9 4/8"



50-072-03 L  
50-073-03 R  
24.5 cm / 9 5/8"



**Rowe**  
**L**  
left  
links  
izquierdo  
gauche  
sinistra



**Rowe**  
**R**  
right  
rechts  
derecho  
droit  
destra

# Zygoma Elevators



1/2

**Tessier**  
**50-074-01**  
**50-074-02**

Maxillary Mobilizer  
 Mobilisierhaken  
 Gancho para movilización  
 Mobilisateur  
 Gancio per mobilizzare

(L)



1/1

**50-074-01**

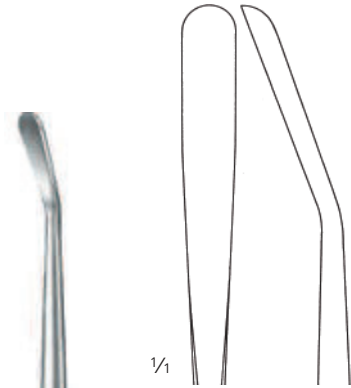
left  
 links  
 izquierdo  
 gauche  
 sinistra

(R)



**50-074-02**

right  
 rechts  
 derecho  
 droit  
 destra



1/1

1/2



**50-075-20**  
 20 cm / 7 7/8"

tip  
 Spitze  
 punta  
 pointe  
 punta  
 Ø 5,0 mm

1/2



**Dingmann**  
**50-076-21**  
 21.5 cm / 8 4/8"

## Retractors, Bone Holding Forceps

50



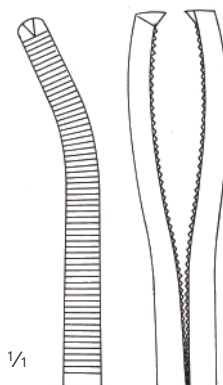
**Dingmann-Wilk**  
50-077-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "



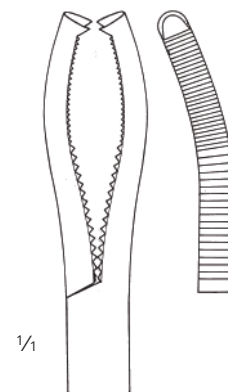
**Eckelt**  
50-078-20  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "  
Plate-pulling Instrument  
Plattenzuginstrument  
Pinaz agarre para placas  
Crochet our maintenir plaque  
Strumento per riposizionamento placche



**Jeter-Van Sickle**  
50-079-01 - 50-079-02



**50-079-01**  
19 cm / 7 <sup>4</sup>/<sub>8</sub> "  
light pattern, for sagittal split procedure  
leichtes Modell, für sagittalen Split  
modelo ligero, para uso en el sagittal split  
modèle léger, pour fente sagittale  
modello leggero, per uso dell'osteotomia sagittale



**50-079-02**  
18 cm / 7 <sup>1</sup>/<sub>8</sub> "  
heavy pattern, for sagittal split procedure  
kräftiges Modell, für sagittalen Split  
modelo fuerte, para uso en el sagittal split  
modèle fort, pour fente sagittale  
modello pesante, per uso dell'osteotomia sagittale

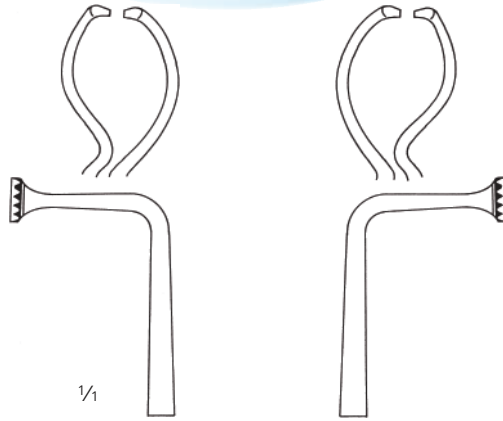




## Bone Holding Forceps



Keen  
50-080-01  
50-080-02  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub> "



50-080-01  
left  
links  
izquierdo  
gauche  
sinistra

50-080-02  
right  
rechts  
derecho  
droit  
destra

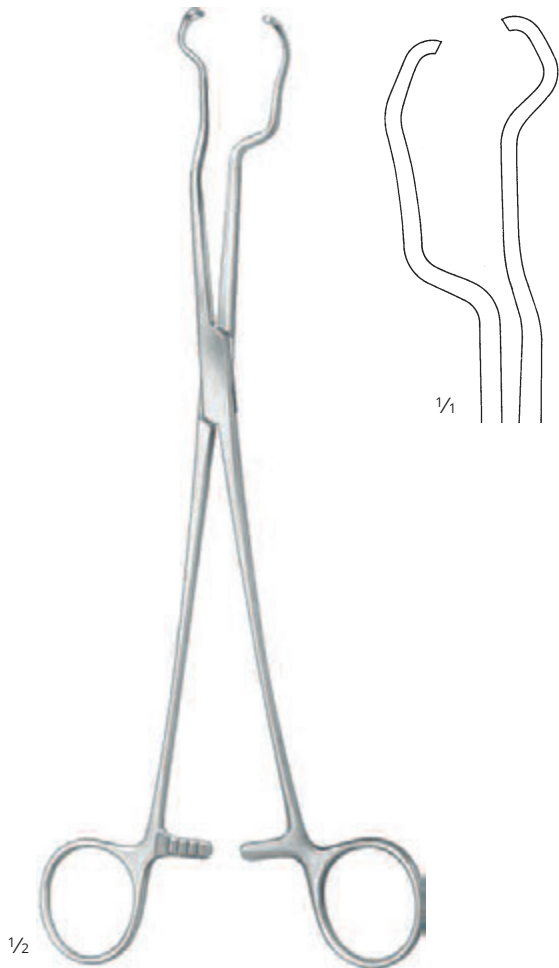


Steinhäuser  
50-081-01  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "

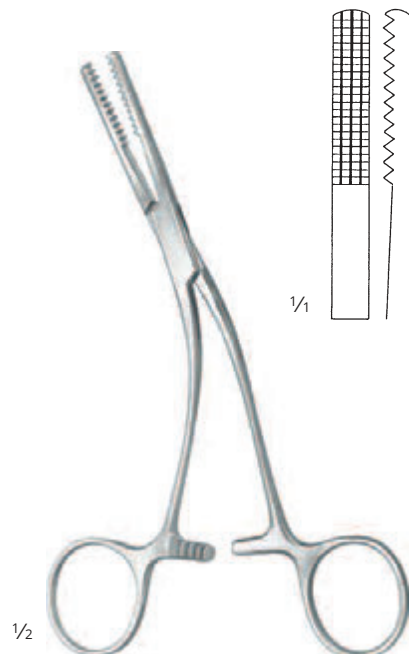


Steinhäuser  
50-081-02  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub> "

# Bone Holding Forceps



1/2  
**Wolford**  
50-082-25  
25 cm / 9 7/8"



1/2  
**Salyer**  
50-083-16  
16.5 cm / 6 4/8"

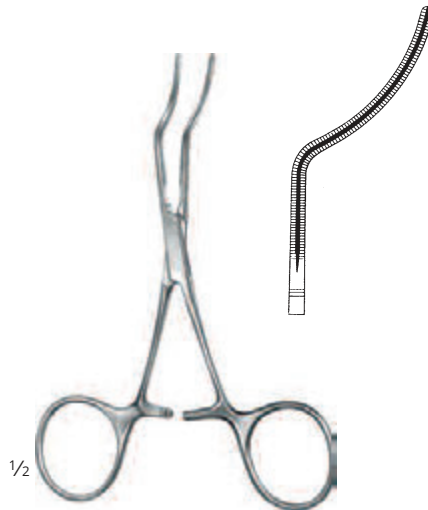
## Instruments for TMJ



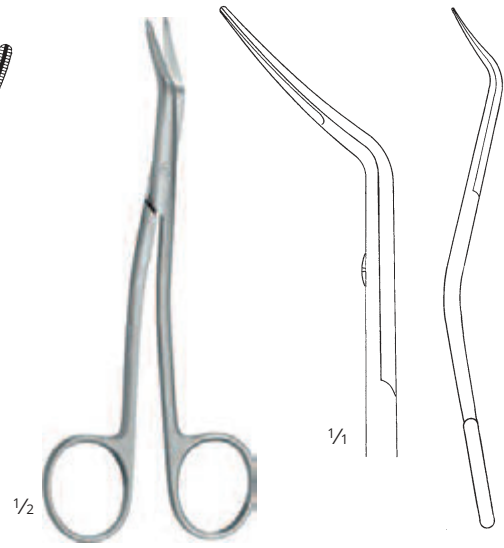
**50-084-01**  
left  
links  
izquierdo  
gauche  
sinistra

**50-084-02**  
right  
rechts  
derecho  
droit  
destra

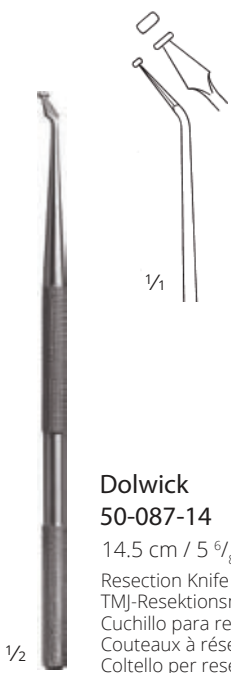
**Dolwick**  
**50-084-01**  
**50-084-02**  
16 cm / 6 <sup>2</sup>/<sub>8</sub> "  
TMJ-Spreader  
TMJ-Spreizer  
Separador para ATM  
Ecarteur pour TMJ  
Divaricatore per TMJ



**Dolwick**  
**50-085-12**  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub> "  
TMJ Disc Forceps  
TMJ-Disc-Klemme  
Pinaz para ATM  
Pince machoire  
Pinza snodo mascella



**Dolwick**  
**50-086-13**  
13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "  
TMJ Disc Scissors  
TMJ-Disc-Schere  
Tijersa para ATM  
Ciseaux machoire  
Forbice snodo mascella



**Dolwick**  
**50-087-14**  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "  
Resection Knife for TMJ  
TMJ-Resektionsmesser  
Cuchillo para resección para ATM  
Couteaux à résection pour TMJ  
Coltello per resezione per TMJ



**Dolwick**  
**50-088-17**  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "  
TMJ-Elevator  
TMJ-Elevatorium  
Elevador para ATM  
Elevateur pour TMJ  
Elevatore per TMJ



**Dolwick**  
**50-089-14**  
14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "  
TMJ Condyle Hook  
TMJ-Kondylenhaken  
Gancho para condilos ATM  
Crochet condyle machoire  
Divaricatore per Condilo

## Instruments for TMJ

50



1/2

**Dolwick**  
50-090-01  
50-090-03

TMJ-Rasp  
TMJ-Raspel  
Escófina para ATM  
Râpe pour TMJ  
Raspa per TMJ



1/4

**50-090-01**  
15 cm / 5 7/8"



**50-090-02**  
15 cm / 5 7/8"



**50-090-03**  
17.5 cm / 6 7/8"



1/2

**Dolwick**  
50-091-22

22 cm / 8 5/8"  
Ligature Forceps  
Ligaturklemme  
Pinza para ligaduras  
Pinza à ligatures  
Pinza per legature

## Instruments for TMJ



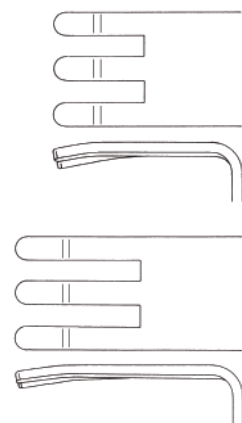
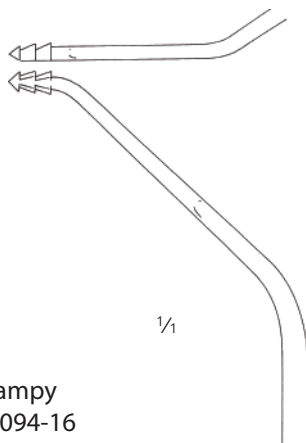
**Dolwick**  
**50-092-16**  
 16 cm / 6 <sup>2</sup>/<sub>8</sub>"  
 TMJ-Forceps  
 TMJ-Klemme  
 Pinza para ATM  
 Pinze pour TMJ  
 Pinza per TMJ



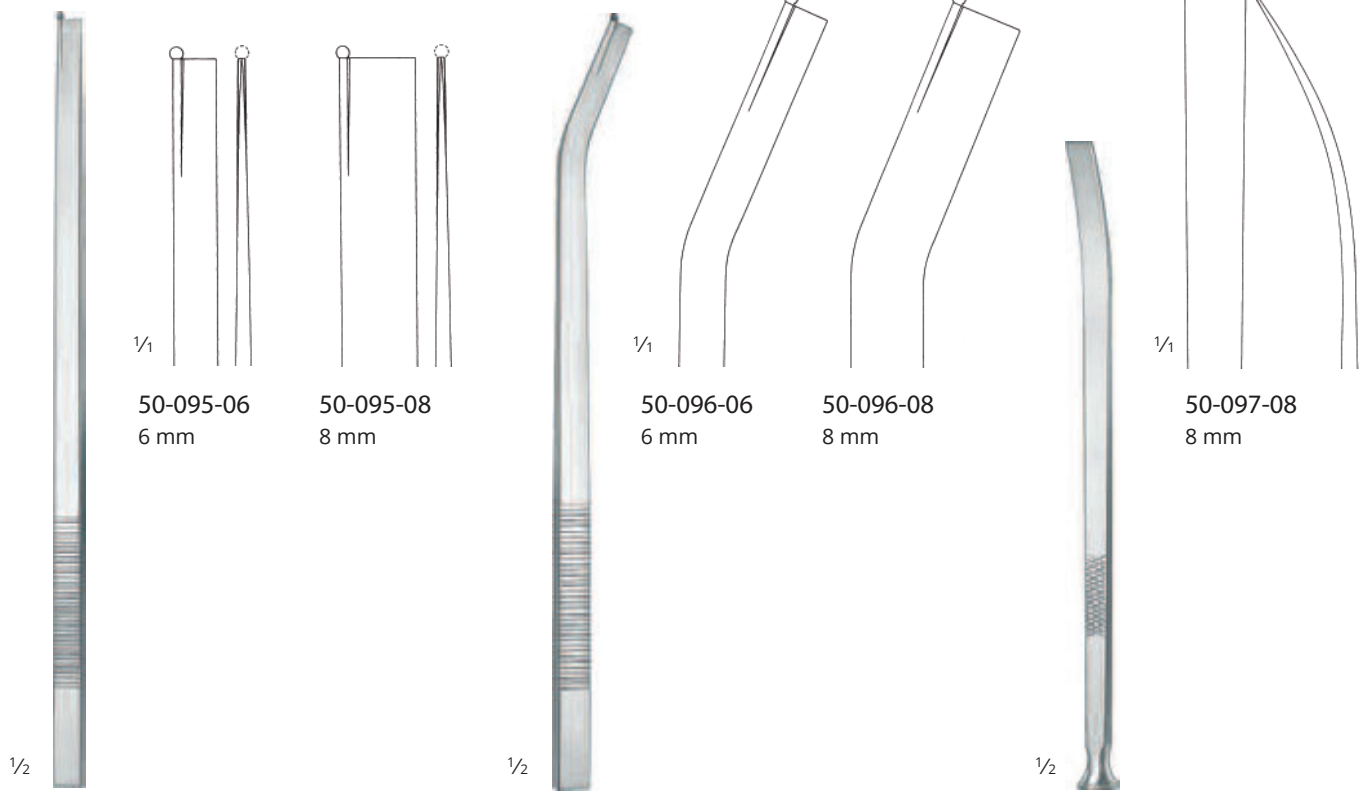
**Dolwick**  
**50-093-16**  
 16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"  
 TMJ-Forceps  
 TMJ-Klemme  
 Pinza para ATM  
 Pinze pour TMJ  
 Pinza per TMJ



**Champy**  
**50-094-16**  
 16 cm / 6 <sup>2</sup>/<sub>8</sub>"  
 TMJ-Spreader  
 TMJ-Spreizer  
 Separador para ATM  
 Ecarteur pour TMJ  
 Divaricatore per TMJ



# Osteotomes

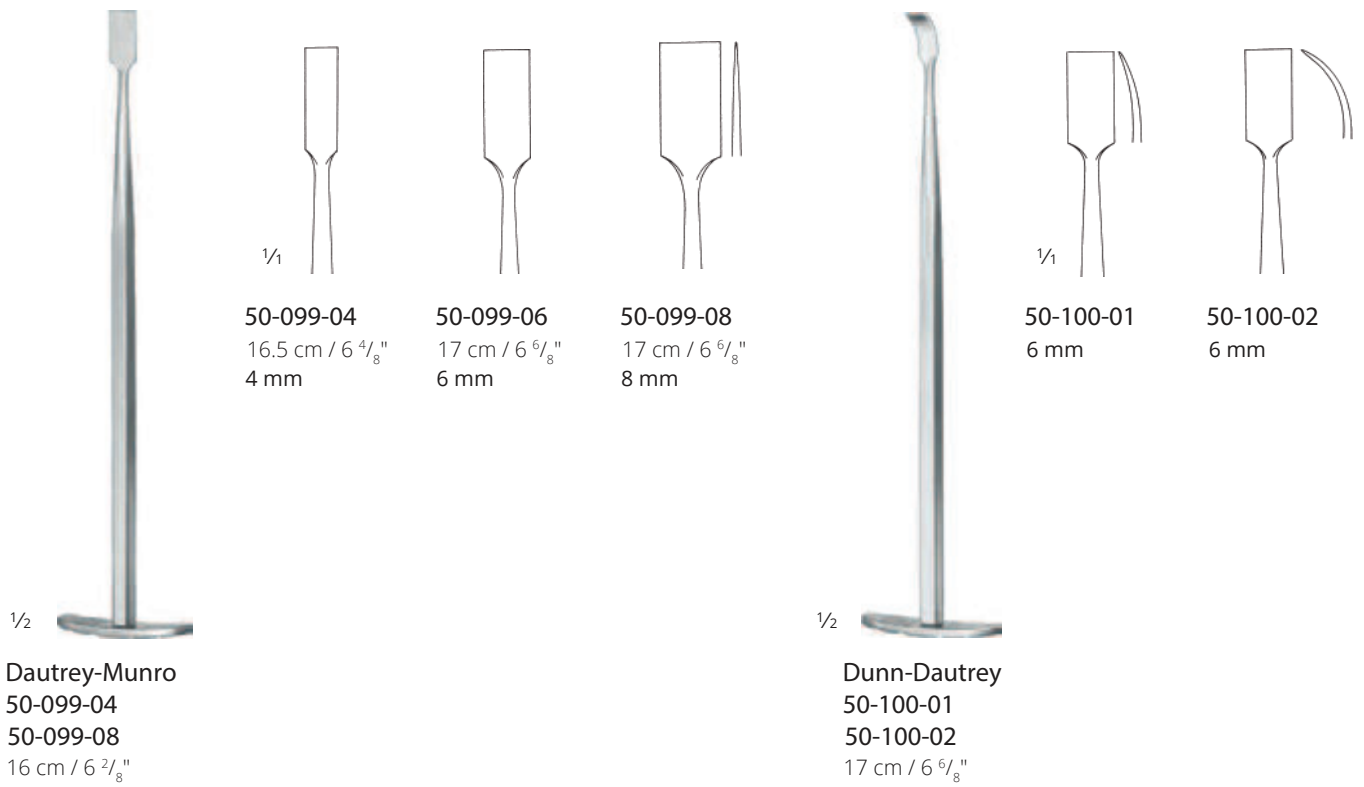
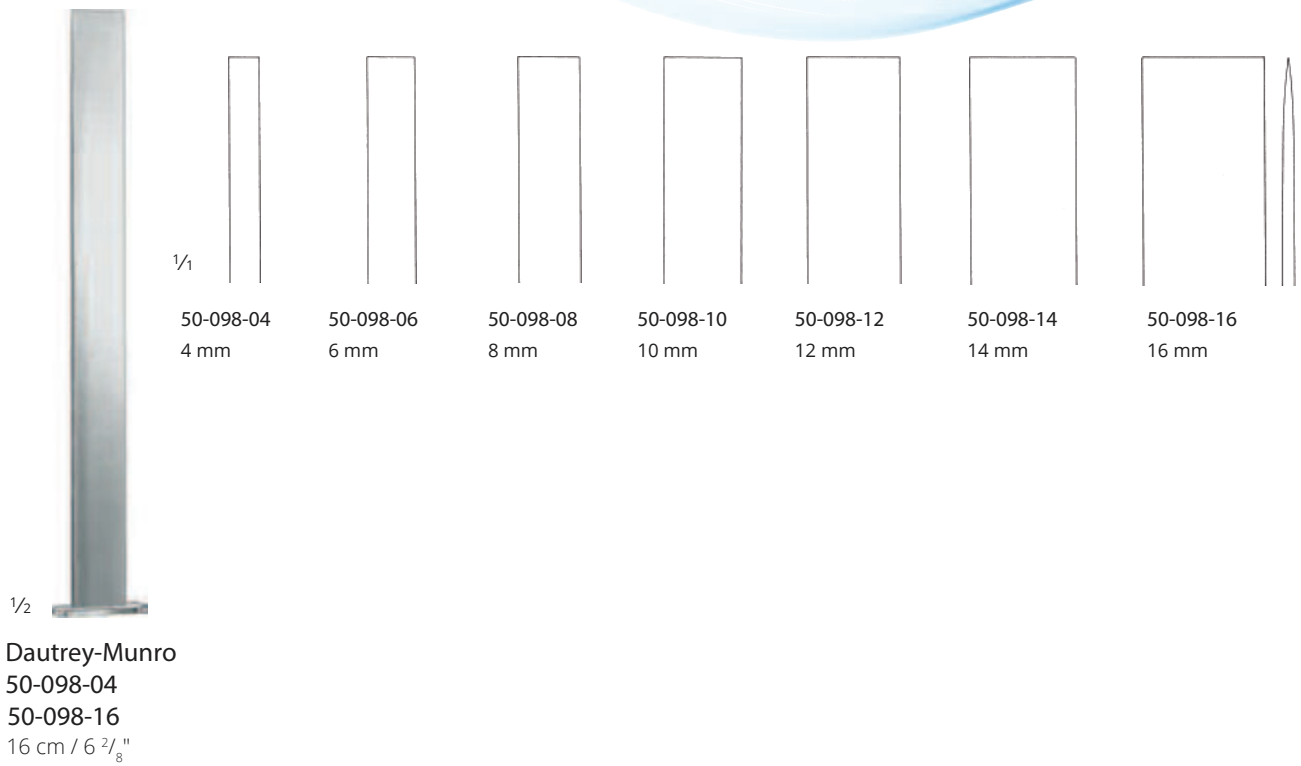


**Bauer**  
 50-095-06  
 50-095-08  
 20.5 cm / 8 1/8"

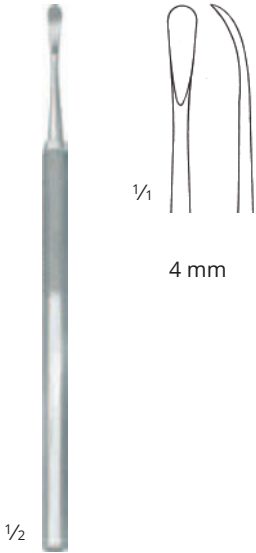
**Bauer**  
 50-096-06  
 50-096-08  
 20.5 cm / 8 1/8"

**Epker-Bauer**  
 50-097-08  
 17.5 cm / 6 7/8"

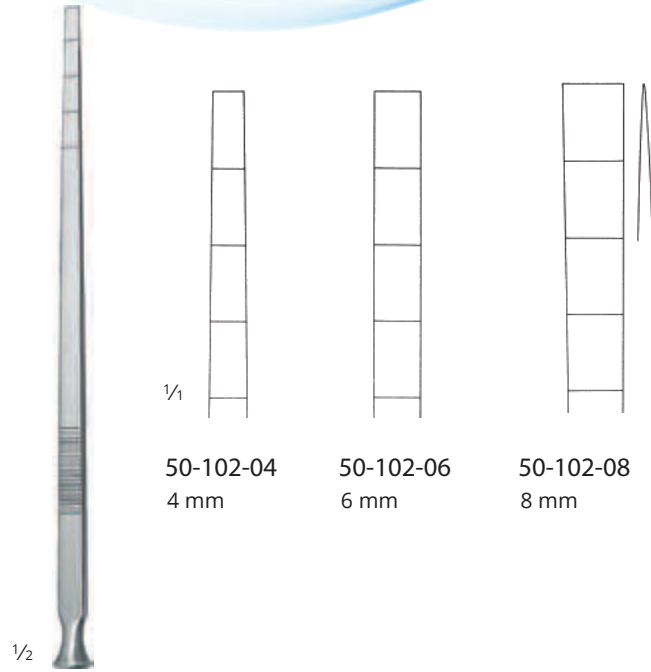
## Osteotomes



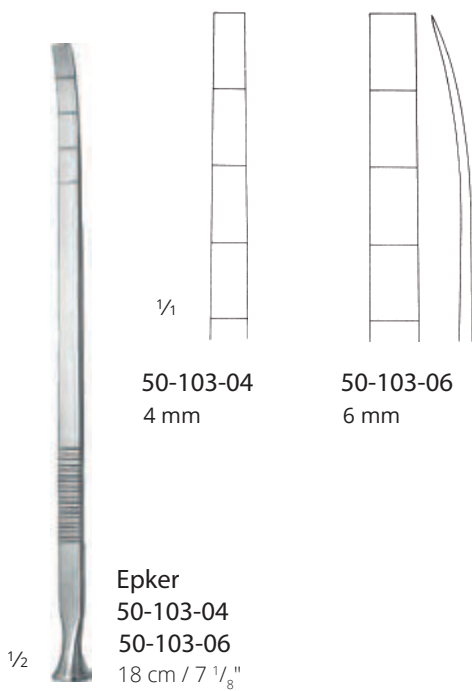
# Osteotomes



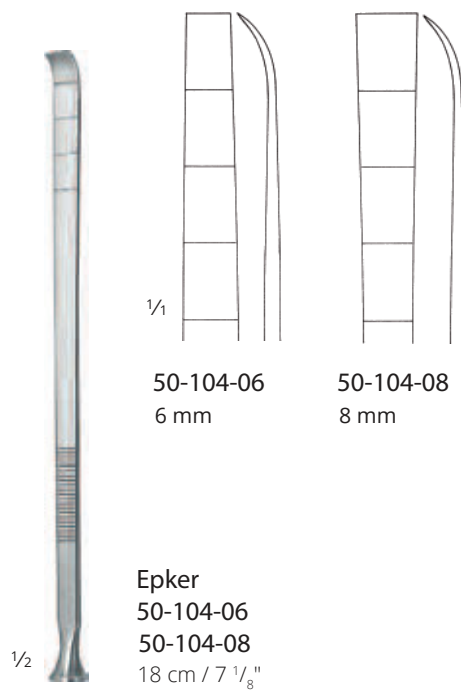
**Partsch**  
**50-101-14**  
 14.5 cm / 5 <sup>6</sup>/<sub>8</sub> "  
 Periosteal Elevator  
 Raspatorium  
 Periostótomo  
 Rugines-raspatoire  
 Periostotomo



**Epker**  
**50-102-04**  
**50-102-08**  
 18 cm / 7 <sup>1</sup>/<sub>8</sub> "



**Epker**  
**50-103-04**  
**50-103-06**  
 18 cm / 7 <sup>1</sup>/<sub>8</sub> "



**Epker**  
**50-104-06**  
**50-104-08**  
 18 cm / 7 <sup>1</sup>/<sub>8</sub> "



## Ramus Retractors

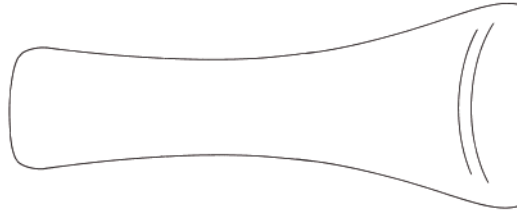


1/2

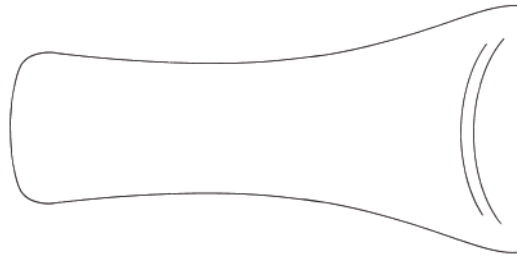
**Hargis**  
**50-105-16**

16 cm / 6 2/8 "

Lip and Cheek Retractor  
Lippen- und Wangenhalter  
Separador para labios y mejillas  
Ecarteur pour lèvres et joues  
Separatore per labbra e guancia

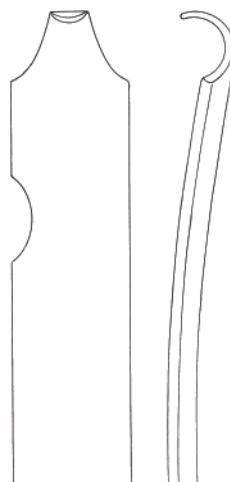


1/1



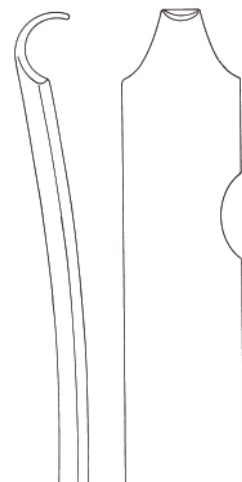
1/2

**Hargis**  
**50-106-01**  
**50-106-02**  
19.5 cm / 7 5/8 "



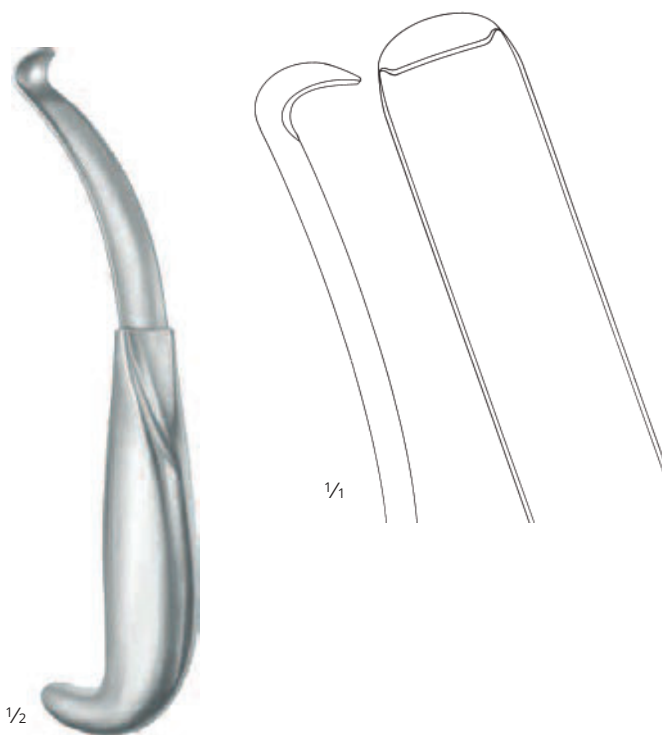
1/1

**50-106-01**  
left  
links  
izquierdo  
gauche  
sinistra

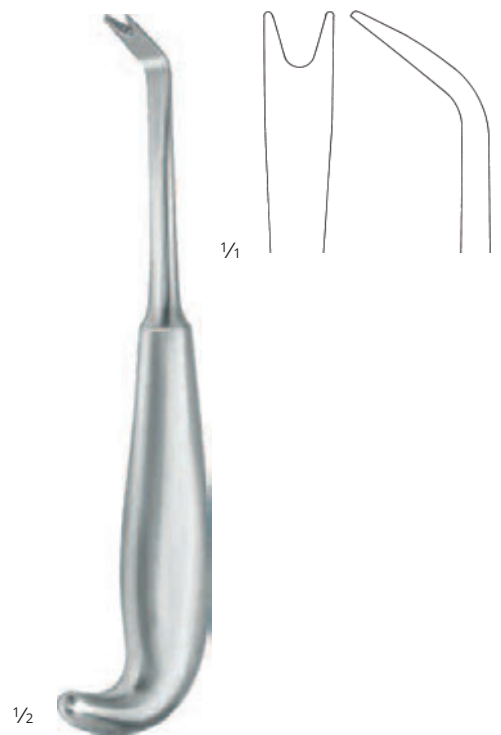


**50-106-02**  
right  
rechts  
derecho  
droit  
destra

# Mandibular Body Retractor, Anterior Border Stripper



**Hargis**  
50-107-18  
17.5 cm / 6  $\frac{7}{8}$ "

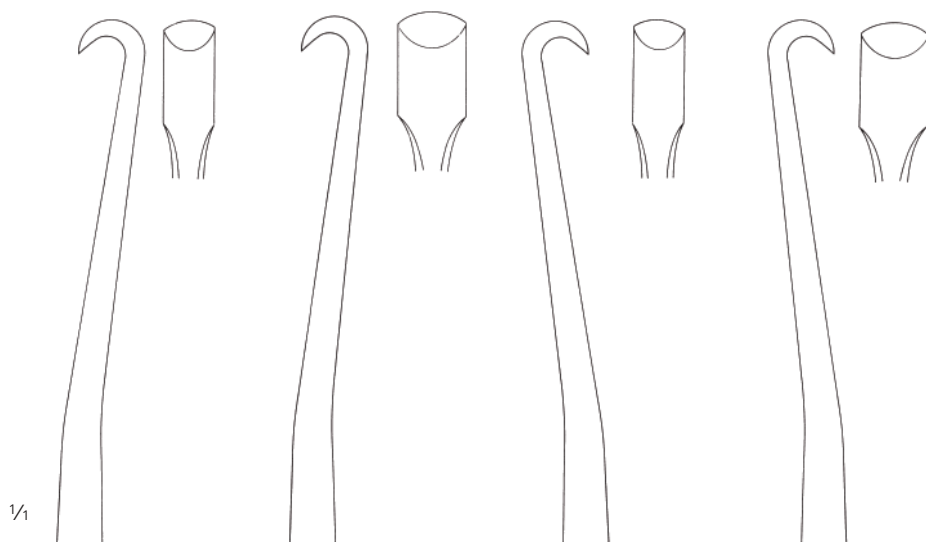


**Hargis**  
50-108-19  
18.5 cm / 7  $\frac{2}{8}$ "

# Periosteal Elevators



Hargis  
50-109-01  
50-109-04



**50-109-01**  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "  
**6.5 mm**  
right  
rechts  
derecho  
droit  
destra

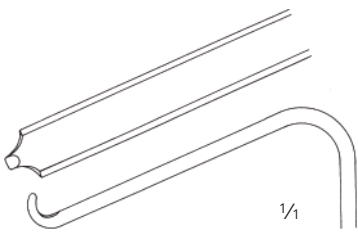
**50-109-02**  
23 cm / 9 "  
**9 mm**  
right  
rechts  
derecho  
droit  
destra

**50-109-03**  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "  
**6.5 mm**  
left  
links  
izquierdo  
gauche  
sinistra

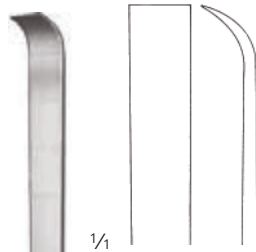
**50-109-04**  
23 cm / 9 "  
**9 mm**  
left  
links  
izquierdo  
gauche  
sinistra

# Periform Rim Retractor, Pterygoid Osteotome, Bone Holding Forceps

50



**Hargis**  
**50-110-18**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



**Hargis**  
**50-111-22**  
22 cm / 8 <sup>5</sup>/<sub>8</sub>"



**Hargis**  
**50-112-19**  
19 cm / 7 <sup>4</sup>/<sub>8</sub>"  
with chain  
mit Kette  
con cadena  
avec chaîne  
con catena



1:2

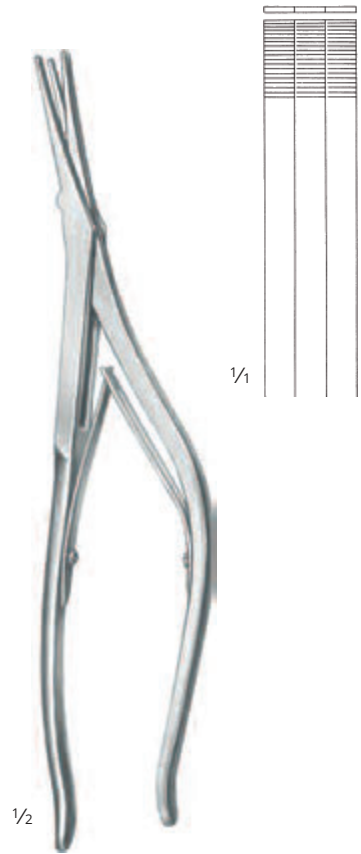
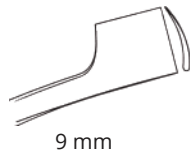
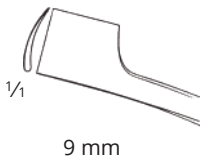


**50-112-99**  
55 cm / 21 <sup>5</sup>/<sub>8</sub>"  
Chain, only  
Kette, allein  
Cadena, suelto  
Chaîne, seul  
Catena, solo



50-112-19

## Sagittal Split Separators, Ramus Separator



Smith  
50-113-01  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"  
right  
rechts  
derecho  
droit  
destra

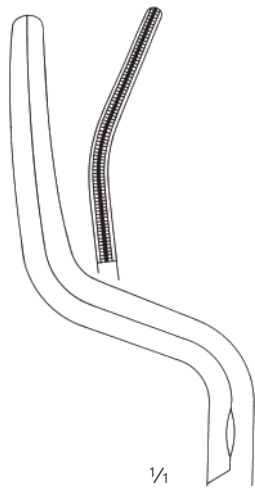
Smith  
50-113-02  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"  
left  
links  
izquierdo  
gauche  
sinistra

Smith  
50-114-23  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub>"

# Mylohyoid Muscle Clamps

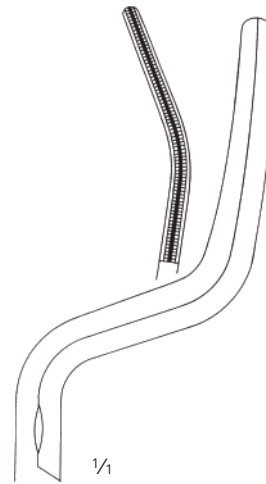
Atrauma

50



50-115-01

right  
rechts  
derecho  
droit  
destra



50-115-02

left  
links  
izquierdo  
gauche  
sinistra



1/2  
**Terry**  
50-115-01  
17 cm / 6 6/8"

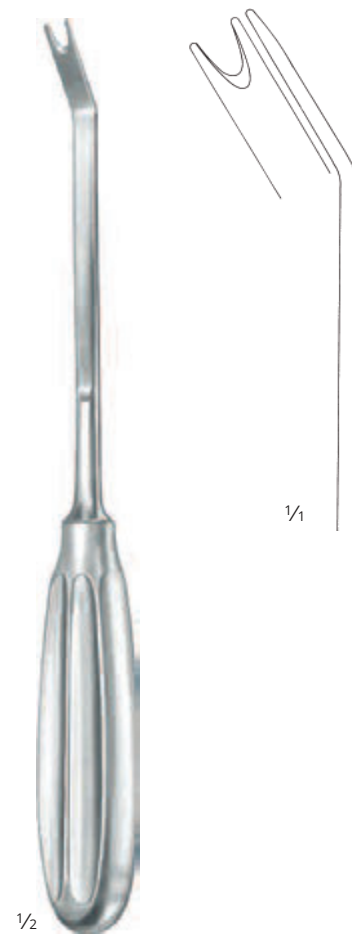


1/2  
**Terry**  
50-115-02  
17 cm / 6 6/8"

## Madibular Retractors, Ramus Pusher

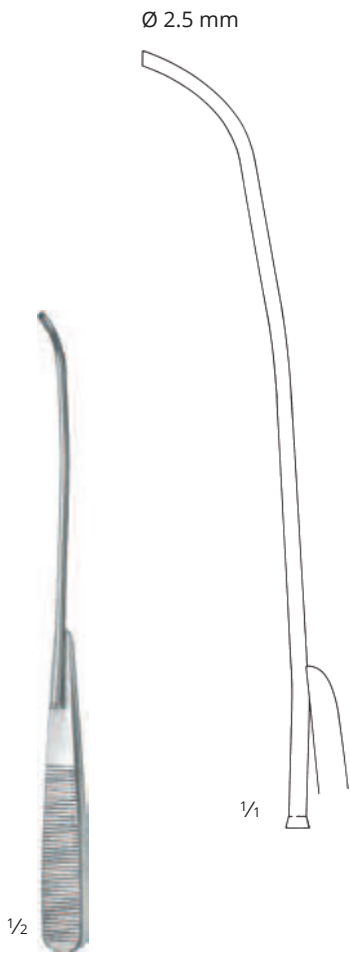


**Terry**  
**50-116-16**  
16.5 cm / 6  $\frac{4}{8}$ "



**Terry**  
**50-117-24**  
24 cm / 9  $\frac{4}{8}$ "

# Wire Introducer, Septal Osteotome



**Terry**  
**50-118-17**  
 17 cm / 6 5/8"



**Terry**  
**50-119-19**  
 19 cm / 7 4/8"



**Terry**  
**50-120-14**  
 14 cm / 5 4/8"  
 Occlusal Wedge  
 Okklusalkoil  
 Cuña oclusal  
 Coin ouvre-bouche  
 Cuneo oclusale



## Duct Retractors, Palatal Expander

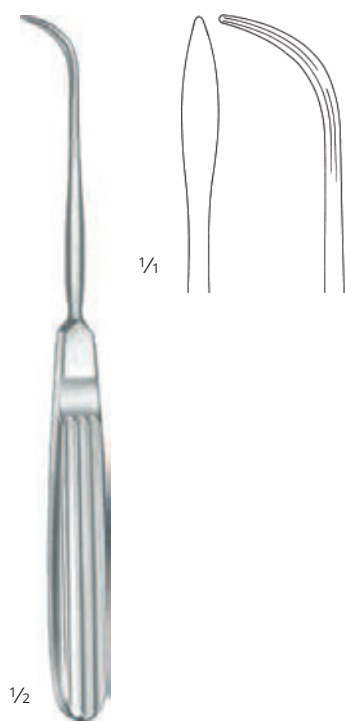


Terry  
50-121-01  
50-121-02  
14 cm / 5 <sup>4</sup>/<sub>8</sub> "

Turvey  
50-122-17  
17 cm / 6 <sup>6</sup>/<sub>8</sub> "

## Elevators, Mandibular Retractors

50

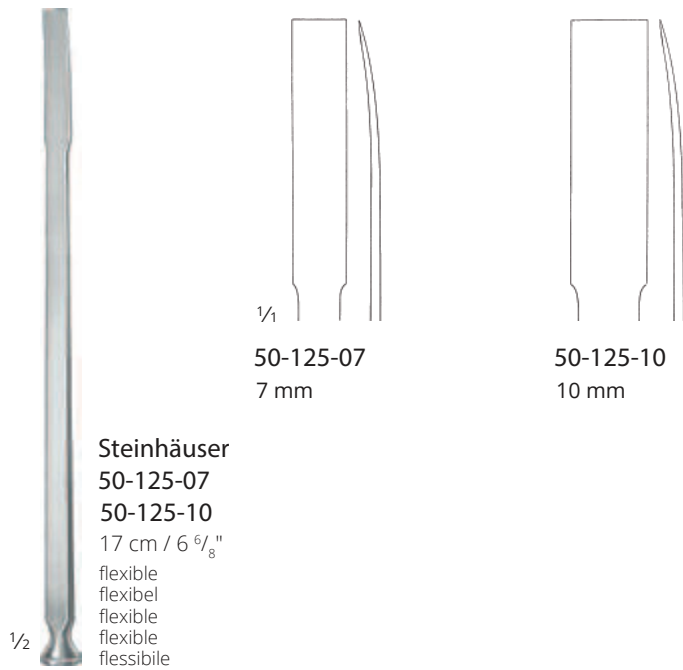


**Steinhäuser**  
**50-123-18**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "



**Steinhäuser**  
**50-124-27**  
27 cm / 10 <sup>5</sup>/<sub>8</sub> "  
extra long  
extra lang  
muy largo  
très long  
molto lungo

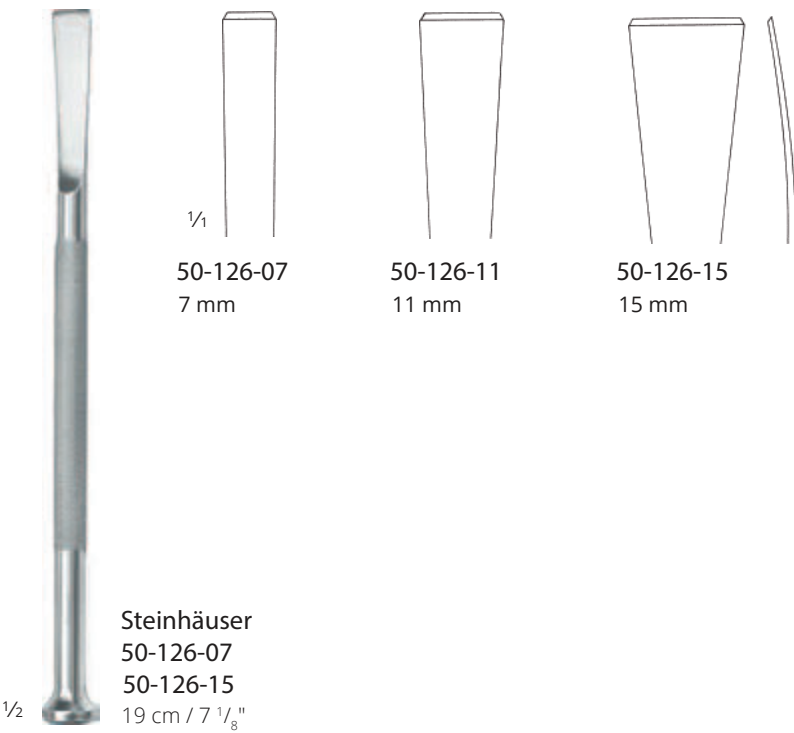
## Ramus Osteotomes, Chisels



**Steinhäuser**  
**50-125-07**  
**50-125-10**  
 17 cm / 6 <sup>6</sup>/<sub>8</sub>"  
 flexible  
 flexibel  
 flexible  
 flexible  
 flessibile

**50-125-07**  
 7 mm

**50-125-10**  
 10 mm

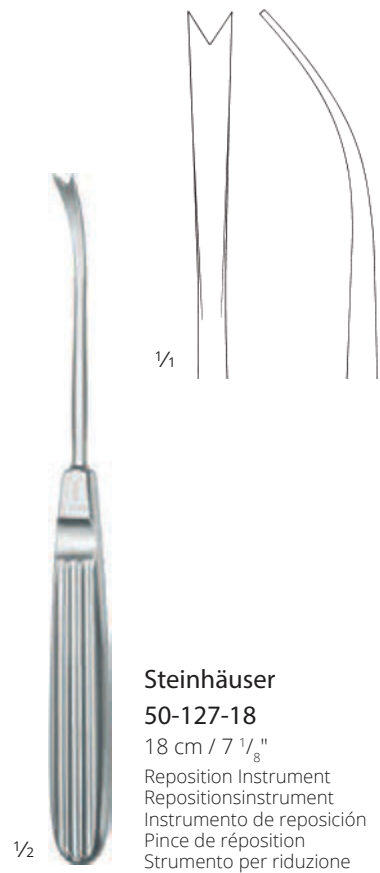


**Steinhäuser**  
**50-126-07**  
**50-126-15**  
 19 cm / 7 <sup>1</sup>/<sub>8</sub>"

**50-126-07**  
 7 mm

**50-126-11**  
 11 mm

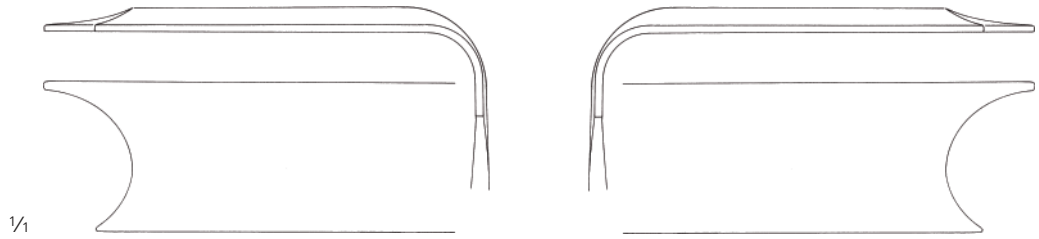
**50-126-15**  
 15 mm



**Steinhäuser**  
**50-127-18**  
 18 cm / 7 <sup>1</sup>/<sub>8</sub>"  
 Reposition Instrument  
 Repositionsinstrument  
 Instrumento de reposición  
 Pince de réposition  
 Strumento per riduzione

# Zygomatic Retractor

50



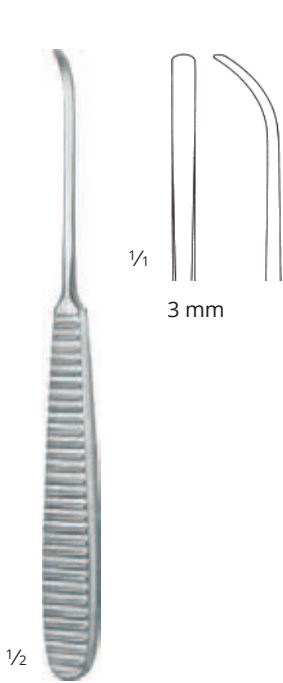
**50-128-01**  
right  
rechts  
derecho  
droit  
destra  
50 x 20 mm

**50-128-02**  
left  
links  
izquierdo  
gauche  
sinistra  
50 x 20 mm

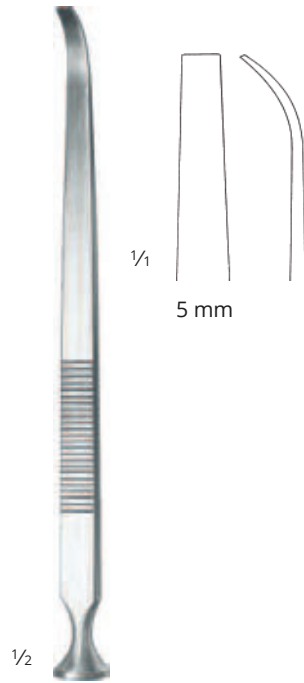


**Steinhäuser**  
50-128-01  
50-128-02  
25 cm / 9 <sup>7</sup>/<sub>8</sub> "

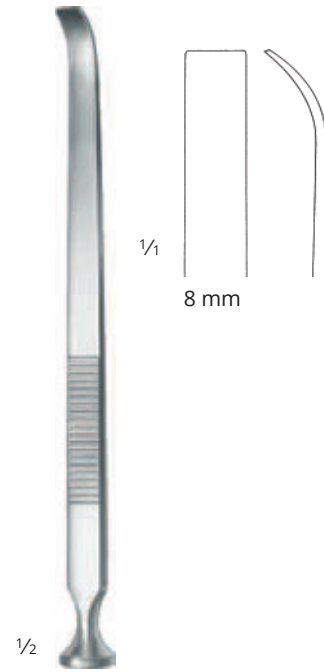
## Raspatories, Osteotomes



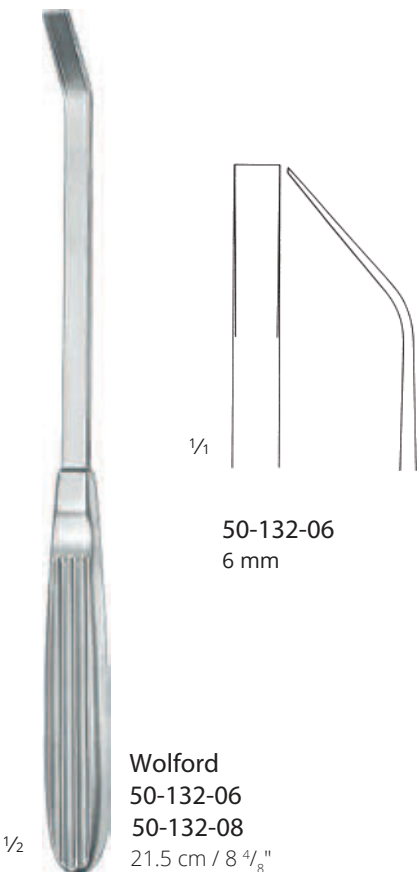
**Steinhäuser**  
50-129-16  
16.5 cm / 6 4/8"



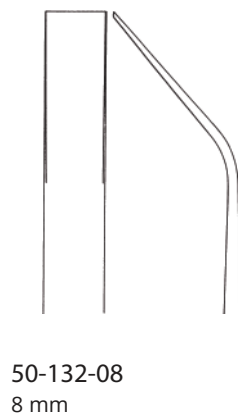
**Steinhäuser**  
50-130-18  
18 cm / 7 1/8"



**Steinhäuser**  
50-131-18  
18 cm / 7 1/8"



**Wolford**  
50-132-06  
50-132-08  
21.5 cm / 8 4/8"



50-132-08  
8 mm

50-132-06  
6 mm



52

# Tonsillectomy, Laryngo- Bronchoscopy

## Cleft Palate Instruments



Salyer  
52-001-18  
52-007-18



52-001-18  
3.9 mm  
Cleft Palate Hooklet, short  
Gaumenspalten-Häkchen, kurz  
Ganchito para el paladar, corto  
Crochet pour palais, court  
Uncino per palato, corto



52-002-18  
5.5 mm  
Cleft Palate Hooklet, long  
Gaumenspalten-Häkchen, lang  
Ganchito para el paladar, larga  
Crochet pour palais, longue  
Uncino per palato, lunga



52-003-18  
3.3 mm  
Cleft Palate Dissector, short  
Gaumenspalten-Dissektor, kurz  
Disecador para el paladar, corto  
Dissecteur pour palais, court  
Disettore per palato, corto



52-004-18  
3.7 mm  
Cleft Palate Dissector, long  
Gaumenspalten-Dissektor, lang  
Disecador para el paladar, larga  
Dissecteur pour palais, longue  
Disettore per palato, lunga



52-005-18  
3.7 mm  
Cleft Palate Instruments  
Gaumenspalten-Elevatorium  
Instrumentos paladares  
Instruments pour palais  
Strumenti per palato



52-006-18  
3.6 mm  
Cleft Palate Elevator  
Gaumenspalten-Elevatorium  
Elevador para el paladar  
Élévateur pour palais  
Elevatore per palato



52-007-18  
2.9 mm  
Cleft Palate Elevator, graduated  
Gaumenspalten-Elevatorium, graduert  
Elevador para el paladar, graduado  
Élévateur pour palais, gradué  
Elevatore per palato, graduato



52-008-18  
52-009-18  
14 cm / 5 4/8"



52-008-18  
4 mm  
left  
links  
izquierdo  
gauche  
sinistra



52-009-18  
4 mm  
right  
rechts  
derecho  
droit  
destra

## Tonsil Knife, Tonsil Dissectors

52



**Negus**  
**52-048-03**  
20 cm / 7.87"



**Fisher**  
**52-010-22**  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub> "



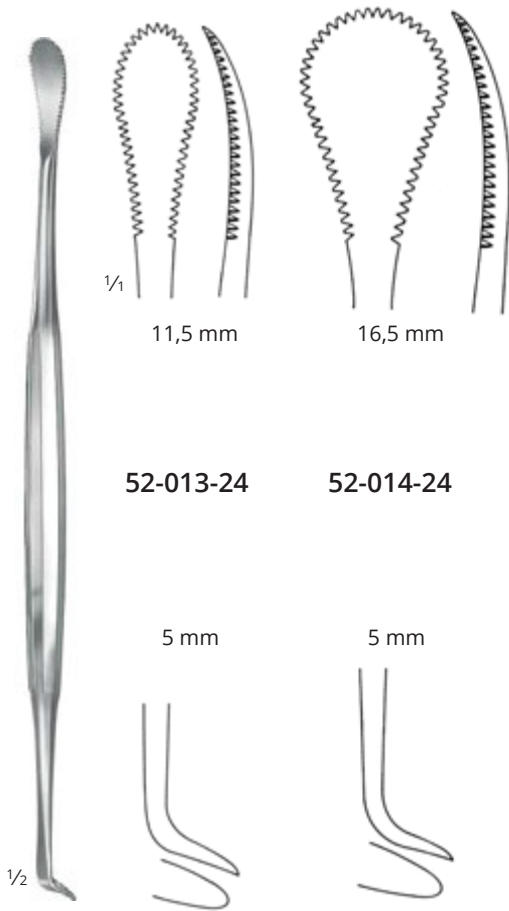
**Brünings**  
**52-011-23**  
23 cm / 9 "



**Hurd**  
**52-012-22**  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub> "  
Tonsil Dissector / Retractor  
Tonsillenelevator / Retraktor  
Disector / Separador para amígdalas  
Dissecteur / Rétracteur pour amygdales  
Disettore / Retrattore per tonsille



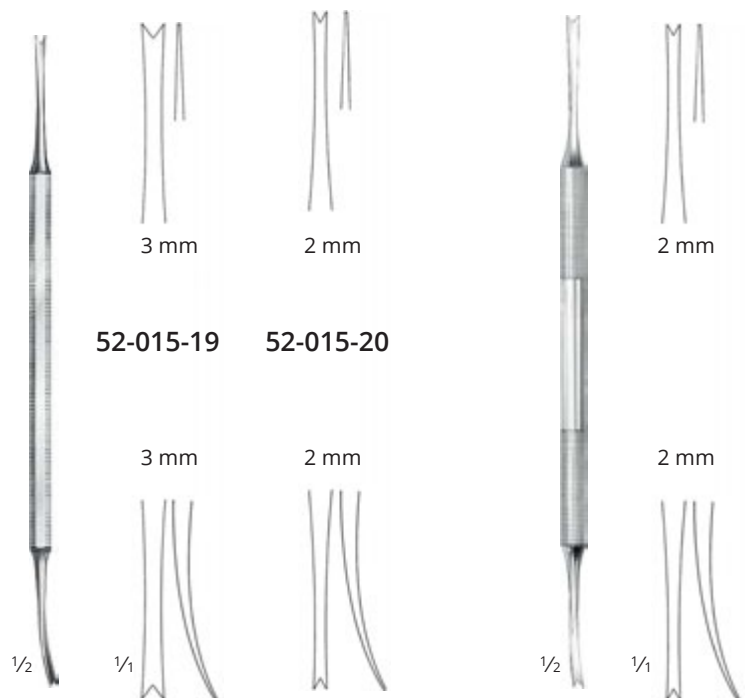
# Tonsil Dissectors, Gauze Packers



52-013-24

52-014-24

**Henke**  
**52-013-24**  
**52-014-24**  
 24.5 cm / 9 <sup>5</sup>/<sub>8</sub>"



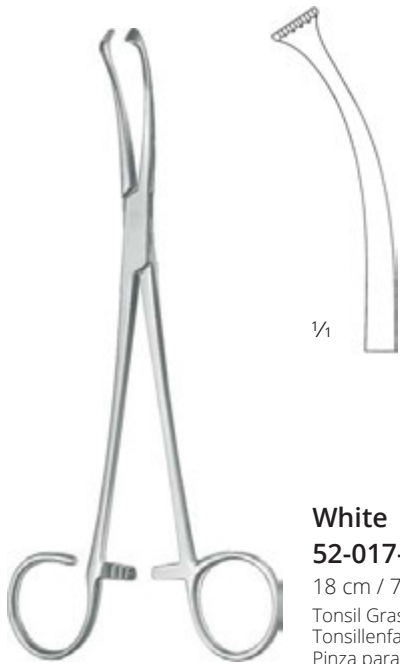
52-015-19

52-015-20

**Luniatschek**  
**52-015-19**  
**52-015-20**  
 17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"

**Luniatschek**  
**52-016-17**  
 17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"

# Tonsil Forceps



1/1

**White**  
**52-017-18**  
 18 cm / 7 1/8"  
 Tonsil Grasping Forceps  
 Tonsillenfasszange  
 Pinza para amígdalas  
 Pince pour amygdales  
 Pinze per tonsille



1/1



1:2

**Blohmke**  
**52-018-20**  
 20 cm / 7 7/8"  
 Tonsil Grasping Forceps  
 Tonsillenfasszange  
 Pinza para amígdalas  
 Pince pour amygdales  
 Pinze per tonsille



1/1

**52-019-19**  
 19 cm / 7 4/8"



**52-020-19**  
 18.5 cm / 7 2/8"

**Schnidt**  
**52-019-19**  
**52-020-19**



1/1

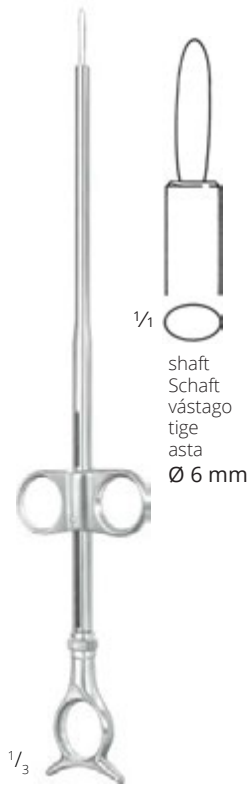
**52-021-19**  
 19 cm / 7 4/8"



**52-022-19**  
 18.5 cm / 7 2/8"

**Schnidt**  
**52-021-19**  
**52-022-19**

## Tonsil Snares



1/1  
shaft  
Schaft  
vástago  
tige  
asta  
Ø 6 mm



1/1  
shaft  
Schaft  
vástago  
tige  
asta  
Ø 6 mm



1/1  
shaft tip  
Schaftspitze  
alto de vástago  
pointe de tige  
punta di asta  
9.5 mm

52-026-40  
Ø 40 x 0.3 mm

52-026-50  
Ø 50 x 0.3 mm



52-025-29

### Eves

52-023-28

28.5 cm / 11 2/8"  
without ratchet  
ohne Raste  
sin cremallera  
sans crémaillère  
senza cremagliera

### Eves

52-024-28

28.5 cm / 11 2/8"  
with ratchet  
mit Raste  
con cremallera  
avec crémaillère  
con cremagliera

### Brünings

52-025-29

29 cm / 11 3/8"  
with double ratchet  
mit Doppelraste  
con cremallera doble  
avec crémaillère double  
con cremagliera doppio

52-026-40

52-026-50

Wire Loop, package of 100 pieces  
Schlinge, Packung mit 100 Stück  
Asa de alambre, paquete con 100 piezas  
Anse en fil, paquet avec 100 pièces  
Laccio, confezione di 100 pezzi



52-027-01

Ø 0,3 mm

Snare Wire, package of 100 pieces  
Schnürdraht, Packung mit 100 Stück  
Alambre para asas, paquete con 100 piezas  
Fil pour anses, paquet avec 100 pièces  
Filo per legare, confezione di 100 pezzi

### Tyding

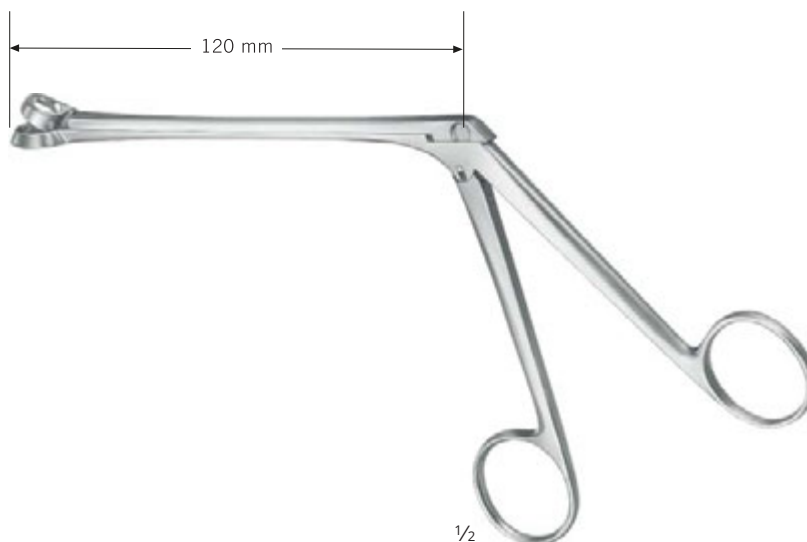
52-028-01

with one straight tip  
mit einem geraden Aufsatz  
con una punta recta  
avec une pointe droite  
con una punta diritta



## Broncho-Esophagoscopy Forceps

52



1/2

### Hartmann 52-029-13 52-029-15

Tonsil Punchthrough-cutting  
Tonsillenzange, durchschneidend  
Pinzas para amígdalas, cortante  
Pince pour amygdales, tranchante  
Pinza per tonsille, tagliente

1/1



#### 52-029-13

cut  
Schnitt  
corte  
tranchant  
tagliente  
Ø 13 mm

shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta  
120 mm



#### 52-029-15

cut  
Schnitt  
corte  
tranchant  
tagliente  
Ø 15 mm

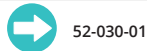
shaft length  
Schaftlänge  
longitud del vástago  
longueur de la tige  
lunghezza dell'asta  
120 mm

# Broncho-Esophagoscopy Forceps



## Brünings

<b>52-031-20</b>	22 cm / 8 <sup>5</sup> / <sub>8</sub> "
<b>52-031-30</b>	32 cm / 12 <sup>5</sup> / <sub>8</sub> "
<b>52-031-40</b>	41 cm / 16 <sup>1</sup> / <sub>8</sub> "



## Huber 52-030-01

for interchangeable tubes 52-031-20 - 52-032-20  
für Verlängerungsrohre 52-031-20 - 52-032-20  
para tubos de extensión 52-031-20 - 52-032-20  
pour tubes rallonges 52-031-20 - 52-032-20  
per tubi allunghi 52-031-20 - 52-032-20



## Brünings 52-032-20

18 cm / 7 <sup>1</sup>/<sub>8</sub> "



Exchangeable Tips  
Auswechselbare Zangenaufsätze  
Pinzas intercambiables  
Embouts interchangeables  
Pinze intercambiabili

Cutting width  
Schnittbreite  
Ancho de cortar  
Largeur de coupe  
Ampiezza di taglio



## Fraenkel 52-033-01



## Seiffert 52-034-01



## Fraenkel 52-035-01



## Brünings 52-035-02 52-035-03

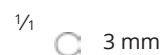


Fig. 2  
**52-035-02**




Fig. 3  
**52-035-03**


## Exchangeable Tips

52




**Brünings**  
52-036-02  
52-036-03

1/4  2 mm  
Fig. 2  
**52-036-02**

 4 mm  
Fig. 3  
**52-036-03**





**Lange**  
52-037-01

1/4  3 mm  
Fig. 1  
**52-037-01**



**Krause**  
52-038-01  
52-038-02

1/4  3 mm  
Fig. 1  
**52-038-01**

 4 mm  
Fig. 2  
**52-038-02**

1/4  4,5 mm



**Krause**  
52-039-01

 3,5 mm



**Cordes**  
52-040-01

## Laryngeal Mirrors

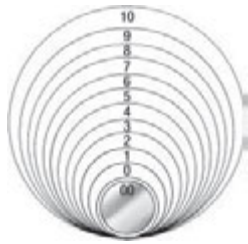


Fig. 3	52-041-16	Ø 16 mm
Fig. 4	52-041-18	Ø 18 mm
Fig. 5	52-041-20	Ø 20 mm
Fig. 6	52-041-22	Ø 22 mm
Fig. 7	52-041-24	Ø 24 mm
Fig. 8	52-041-26	Ø 26 mm



Fig. 3	52-043-16	Ø 16 mm
Fig. 4	52-043-18	Ø 18 mm
Fig. 5	52-043-20	Ø 20 mm
Fig. 6	52-043-22	Ø 22 mm
Fig. 7	52-043-24	Ø 24 mm
Fig. 8	52-043-26	Ø 26 mm
Fig. 9	52-043-28	Ø 28 mm



rhodium plated  
rhodiumbeschichtet  
cubierto de rodio  
plaqué du rhodium  
coperto di rodio

Fig. 00	52-042-08	Ø 8 mm
Fig. 0	52-042-10	Ø 10 mm
Fig. 1	52-042-12	Ø 12 mm
Fig. 2	52-042-14	Ø 14 mm
Fig. 3	52-042-16	Ø 16 mm
Fig. 4	52-042-18	Ø 18 mm
Fig. 5	52-042-20	Ø 20 mm
Fig. 6	52-042-22	Ø 22 mm
Fig. 7	52-042-24	Ø 24 mm
Fig. 8	52-042-26	Ø 26 mm
Fig. 9	52-042-28	Ø 28 mm
Fig. 10	52-042-30	Ø 30 mm



rhodium plated  
rhodiumbeschichtet  
cubierto de rodio  
plaqué du rhodium  
coperto di rodio

Fig. 00	52-044-08	Ø 8 mm
Fig. 0	52-044-10	Ø 10 mm
Fig. 1	52-044-12	Ø 12 mm
Fig. 2	52-044-14	Ø 14 mm
Fig. 3	52-044-16	Ø 16 mm
Fig. 4	52-044-18	Ø 18 mm
Fig. 5	52-044-20	Ø 20 mm
Fig. 6	52-044-22	Ø 22 mm
Fig. 7	52-044-24	Ø 24 mm
Fig. 8	52-044-26	Ø 26 mm
Fig. 9	52-044-28	Ø 28 mm
Fig. 10	52-044-30	Ø 30 mm

### 52-041-16 52-042-30

18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "

plane, with fixed handle  
plan, mit festem Handgriff  
plano, con mango fijado  
plat, avec manche fixe  
plano, con manico fisso

### 52-043-16 52-044-30

13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "

plane, without handle  
plan, ohne Handgriff  
plano, sin mango  
plat, sans manche  
plano, senza manico

# Laryngeal Mirrors, Laryngeal Mirror Handles

Cr



1/2

**Michel**  
**52-045-12**  
**52-045-18**  
 27 cm / 10 <sup>5</sup>/<sub>8</sub>"  
 moveable mirror  
 beweglicher Spiegel  
 espejo movable  
 miroir mobile  
 specchio mobile



1/4

Fig. 1  
**52-045-12**  
 Ø 12 mm



Fig. 2  
**52-045-14**  
 Ø 14 mm




Fig. 3  
**52-045-16**  
 Ø 16 mm



Fig. 4  
**52-045-18**  
 Ø 18 mm




1/2

**52-046-11**  
 11 cm / 4 <sup>1</sup>/<sub>8</sub>"  
 **52-043-16**  
**52-044-30**



1/2

**52-047-12**  
 12.5 cm / 4 <sup>7</sup>/<sub>8</sub>"  
 **52-043-16**  
**52-044-30**



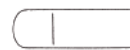


54

# Cranio Maxillo-Facial Surgery

## Soft Tissue Retractors

54



**54-001-16**  
21.5 cm / 8 <sup>4</sup>/<sub>8</sub> "  
16 x 5 mm



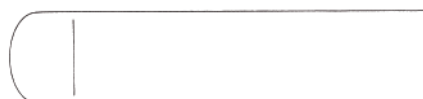
**54-001-25**  
21 cm / 8 <sup>2</sup>/<sub>8</sub> "  
25 x 7 mm



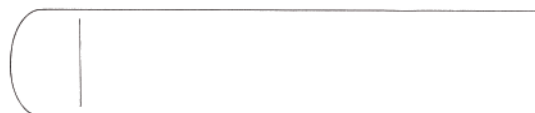
**54-001-35**  
23 cm / 8 "  
35 x 10 mm



**54-001-42**  
23 cm / 8 "  
42 x 10 mm



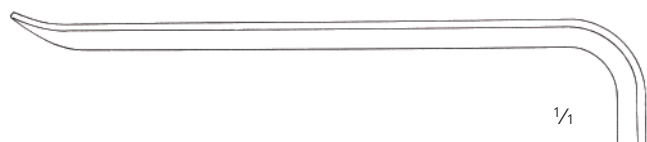
**54-001-55**  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "  
55 x 13 mm



**54-001-70**  
23.5 cm / 9 <sup>2</sup>/<sub>8</sub> "  
67 x 15 mm



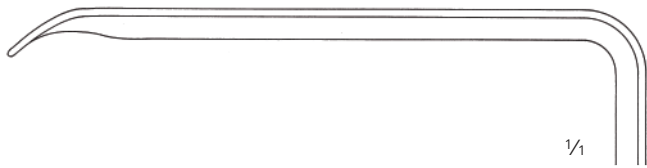
**54-001-80**  
24 cm / 9 <sup>4</sup>/<sub>8</sub> "  
80 x 17 mm



**Obwegeser**  
**54-001-16**  
**54-001-80**

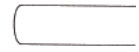
bent upwards  
aufwärts gebogen  
angulado hacia arriba  
coudé en haut  
angolato in alto

## Soft Tissue Retractors

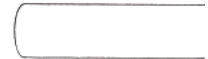


**Obwegeser**  
**54-002-16**  
**54-002-80**

bent downwards  
 abwärts gebogen  
 angulado hacia abajo  
 coudé en bas



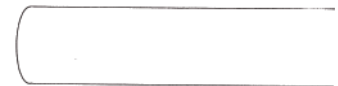
**54-002-16**  
 21 cm / 8 <sup>2</sup>/<sub>8</sub>"  
 16 x 5 mm



**54-002-25**  
 21 cm / 8 <sup>2</sup>/<sub>8</sub>"  
 25 x 7 mm



**54-002-35**  
 23 cm / 8"  
 35 x 10 mm



**54-002-42**  
 23 cm / 8"  
 42 x 10 mm



**54-002-55**  
 23.5 cm / 9 <sup>2</sup>/<sub>8</sub>"  
 55 x 12 mm



**54-002-70**  
 23.5 cm / 9 <sup>2</sup>/<sub>8</sub>"  
 66 x 15 mm



1/1

**54-002-80**  
 23.5 cm / 9 <sup>2</sup>/<sub>8</sub>"  
 80 x 16 mm

## Mandibular Retractors, Ramus Retractors



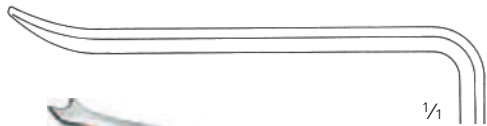
**54-003-30**  
30 x 9/12 mm



**54-003-45**  
45 x 9/12 mm



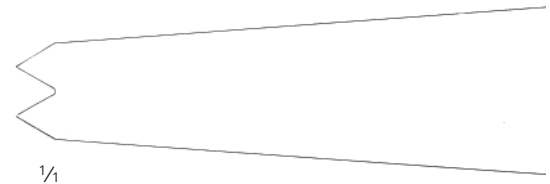
$\frac{1}{1}$   
**54-003-60**  
60 x 9/12 mm



$\frac{1}{2}$   
**Obwegeser**  
**54-003-30**  
**54-003-60**  
21 cm / 8  $\frac{7}{8}$  "



**54-004-24**  
75 x 11/15 mm

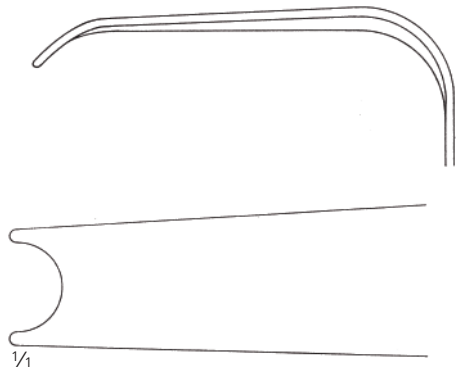


$\frac{1}{1}$   
**54-005-24**  
75 x 12/22 mm

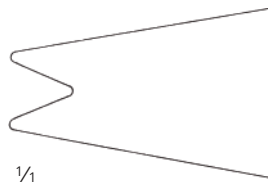


$\frac{1}{2}$   
**Obwegeser**  
**54-004-24**  
**54-005-24**  
24 cm / 9  $\frac{4}{8}$  "

## Third Molar Retractor, Nasal Spine Retractor



75 x 12/22 mm



45 x 10/23 mm



1/2

**Obwegeser**  
**54-006-24**  
24 cm / 9 4/8"



1/2

**Obwegeser**  
**54-007-24**  
24 cm / 9 4/8"

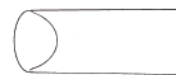


1/2

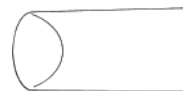
**Obwegeser**  
**54-008-09**  
**54-008-10**



1/4



**54-008-09**  
16 cm / 6 2/8"  
9 mm



**54-008-10**  
16.5 cm / 6 4/8"  
10 mm

# Periosteal Elevators



**54-009-06**  
6 mm



**54-009-07**  
7 mm



**54-009-09**  
9 mm



**54-009-11**  
11 mm



**Obwegeser**

**54-009-06**

**54-009-11**

18 cm / 7 1/8"

angled cutting  
winkelig angeschliffen  
biselado angular  
tranchant angulé  
affilatura angolata

1/2



**54-010-06**  
6 mm



**54-010-07**  
7 mm



**54-010-09**  
9 mm



**54-010-11**  
11 mm



**Obwegeser**

**54-010-06**

**54-010-11**

18 cm / 7 1/8"

flat cutting  
flach angeschliffen  
biselado plano  
tranchant plat  
affilatura plana

1/2

## Mandibular Inferior Border Raspatories, Swallowtail Raspatories



**Obwegeser  
54-011-21**  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"



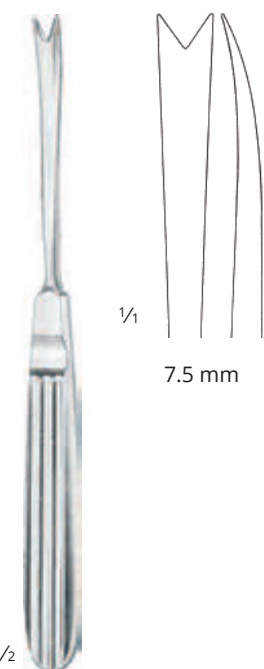
**Obwegeser  
54-012-21**  
21 cm / 8 <sup>2</sup>/<sub>8</sub>"



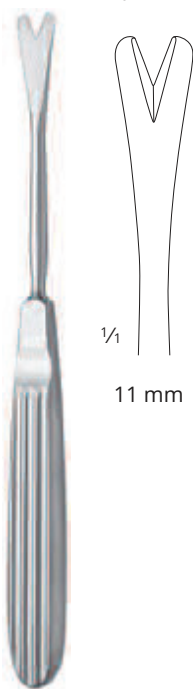
**Obwegeser  
54-013-18**  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"  
angled to left  
nach links gewinkelt  
angulado hacia la izquierda  
coudé à gauche  
angolato a sinistra



**Obwegeser  
54-014-18**  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"  
angled to right  
nach rechts gewinkelt  
angulado hacia la derecha  
coudé à droite  
angolato a destra



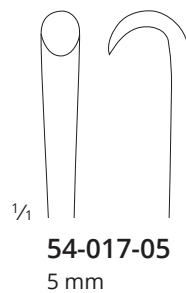
**Obwegeser  
54-015-17**  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"



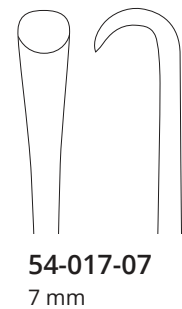
**Obwegeser  
54-016-17**  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"



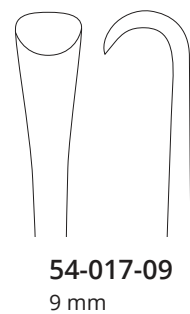
**Obwegeser  
54-017-05 - V54-017-09**  
21 cm / 8 <sup>4</sup>/<sub>8</sub>"



**54-017-05**  
5 mm



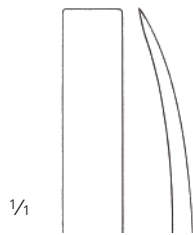
**54-017-07**  
7 mm



**54-017-09**  
9 mm

## Ramus Periosteal Elevators, Septonasal Osteotomes

54



**54-018-08**  
8 mm



**54-018-11**  
11 mm

**Obwegeser**  
**54-018-08**  
**54-018-11**  
23 cm / 9 "



**54-019-08**  
8 mm



**54-019-11**  
11 mm

**Obwegeser**  
**54-019-08**  
**54-019-11**  
21 cm / 8 <sup>2</sup>/<sub>8</sub> "  
elastische balde  
elastische Klinge  
hoja elàstica  
lame èlastique  
lama elastica



**54-020-03**  
3 mm

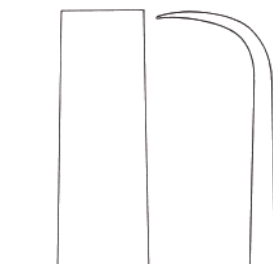


**54-020-04**  
4 mm



**54-020-06**  
6.5 mm

**Obwegeser**  
**54-020-03**  
**54-020-06**  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub> "

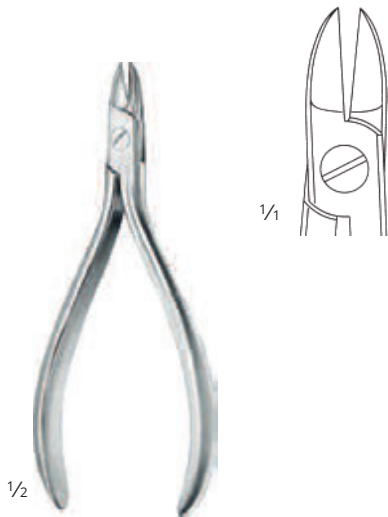


**54-021-23**  
12 mm

**Obwegeser**  
**54-021-23**  
23 cm / 9 "  
Maxillary Mobilizer  
Maxilla-Mobilisator  
Mobilizador maxilar  
Mobilisateur pour maxillaire  
Mobilizzatore per mascella



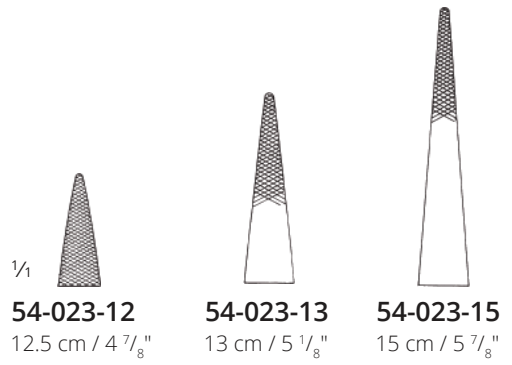
## Wire Cutter, Flat Nose Pliers, Wire Twisting Forceps



**Obwegeser**  
**54-022-12**  
12 cm / 4 <sup>6</sup>/<sub>8</sub>"



**Obwegeser**  
**54-023-12**  
**54-023-15**

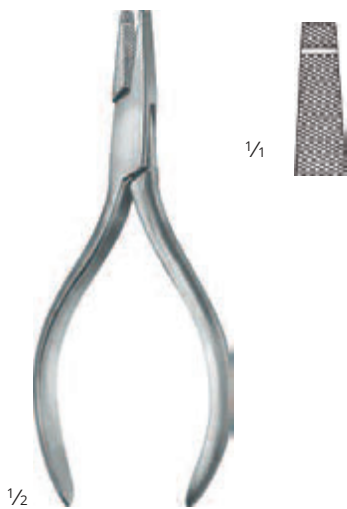


**54-023-12**  
12.5 cm / 4 <sup>7</sup>/<sub>8</sub>"

**54-023-13**  
13 cm / 5 <sup>1</sup>/<sub>8</sub>"

**54-023-15**  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"

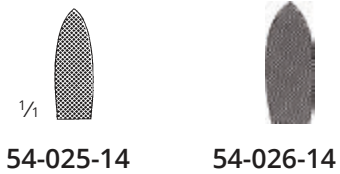
### TC GOLD



**Obwegeser**  
**54-024-13**  
13 cm / 5 <sup>1</sup>/<sub>8</sub>"



**Obwegeser**  
**54-025-14**  
**54-026-14**  
14 cm / 5 <sup>4</sup>/<sub>8</sub>"



**54-025-14**

**54-026-14**

wide jaw  
breites Maul  
ampia boca  
gueule large  
bocca ampia

# Bone Contouring Forceps, Skin Hooklet, Scalp Clamp



jaw  
Maul  
boca  
mors  
bocca

30 x 12 mm  
convex / concave  
konvex / konkav  
convexo / concávo  
convexe / concave  
convesso / concavo

**Obwegeser**  
**54-027-18**  
18 cm / 7 1/8"



jaw  
Maul  
boca  
mors  
bocca

30 x 13.5 mm  
convex / concave  
konvex / konkav  
convexo / concávo  
convexe / concave  
convesso / concavo

**Obwegeser**  
**54-028-18**  
18 cm / 7 1/8"



jaw  
Maul  
boca  
mors  
bocca

30 x 13.5 mm  
flat / flat  
flach / flach  
plano / plano  
convexe / concave  
plano / plano

**Obwegeser**  
**54-029-18**  
18 cm / 7 1/8"



**Tessier**  
**54-030-19**  
19 cm / 7 4/8"

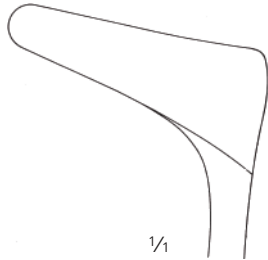
sharp  
scharf  
agudo  
pointu  
acuto

## Atrauma



**Tessier**  
**54-031-13**  
13.5 cm / 5 3/8"

## Nasal Specula

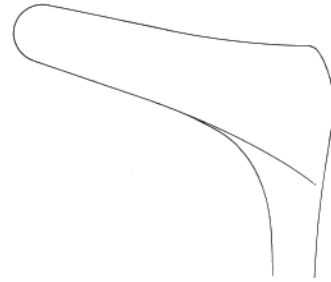


1/4

**54-032-30**

13.5 cm / 5 <sup>3</sup>/<sub>8</sub> "

Blades  
Blätter  
hojas  
lames  
lame  
**35 mm**



**54-032-45**

14 cm / 5 <sup>4</sup>/<sub>8</sub> "

Blades  
Blätter  
hojas  
lames  
lame  
**45 mm**



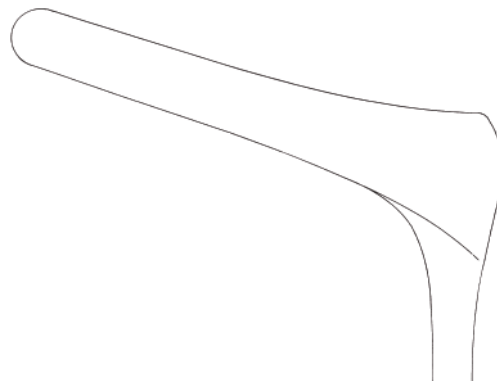
1/2

**Tessier**

**54-032-30**

**54-032-70**

black chromium-plated  
schwarz verchromt  
cromado en negro  
chromé noir  
cromato nero



**54-032-70**

15.5 cm / 6 <sup>1</sup>/<sub>8</sub> "

Blades  
Blätter  
hojas  
lames  
lame  
**70 mm**

# Osteotomes



**Tessier**  
**54-033-02**  
**54-034-10**  
 16 cm / 6 <sup>2</sup>/<sub>8</sub>"



**54-033-02**  
 2 mm



**54-033-03**  
 3 mm



**54-033-05**  
 5 mm



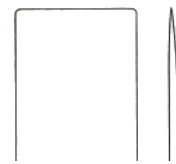
**54-033-07**  
 7 mm



**54-033-10**  
 10 mm



**54-033-14**  
 14 mm



**54-033-16**  
 16 mm



**54-034-05**  
 5 mm



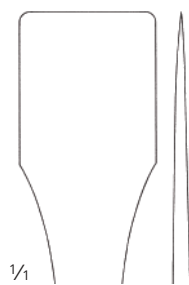
**54-034-07**  
 7 mm



**54-034-10**  
 10 mm



**Tessier**  
**54-035-16**  
 16 cm / 6 <sup>2</sup>/<sub>8</sub>"



**18 mm**

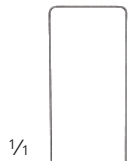


**Tessier**  
**54-036-18**  
 18 cm / 7 <sup>1</sup>/<sub>8</sub>"



**10 mm**

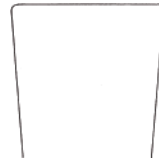
## Osteotomes



**54-037-10**  
10 mm



**54-037-15**  
15 mm



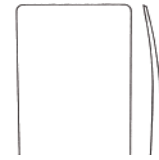
**54-037-20**  
20 mm



**54-037-30**  
30 mm



**54-038-10**  
10 mm

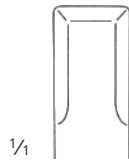


**54-038-15**  
15 mm

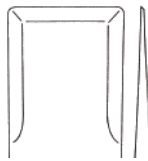
**Tessier**  
**54-037-10**  
**54-038-15**  
20 cm / 7 <sup>7</sup>/<sub>8</sub> "

for taking grafts from ilium and tibia  
zur Transplantatentnahme aus Ilium und Tibia  
par sacar transplantes del ilion y la tibia  
pour prise de greffon de l'ilion et du tibia  
per prendere innesti dall'ileo e tibia

1/2



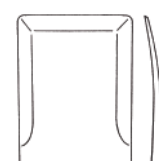
**54-039-10**  
10 mm



**54-039-15**  
15 mm



**54-040-10**  
10 mm



**54-040-15**  
15 mm

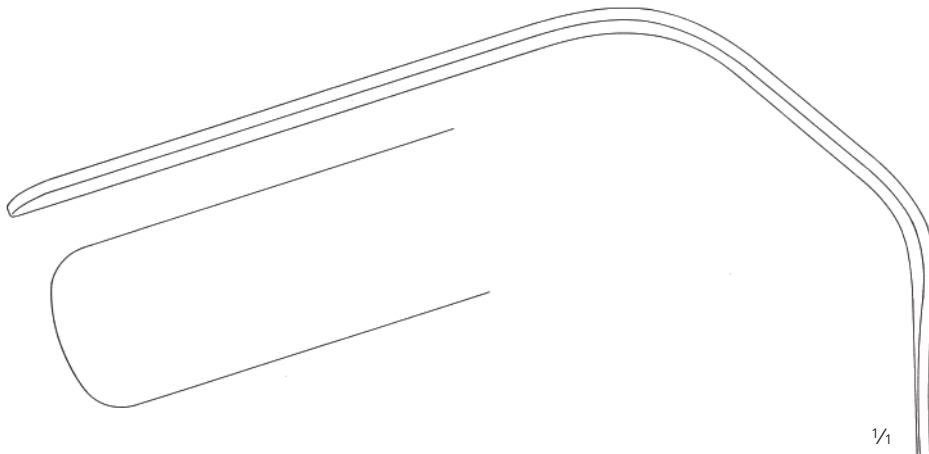
**Tessier**  
**54-039-10**  
**54-040-15**  
16 cm / 6 <sup>2</sup>/<sub>8</sub> "

for taking grafts from the calva  
zur Transplantatentnahme aus der Calva  
par sacar transplantes del calvo  
pour prise de greffon du crâne  
per prendere innesti dal calvo

1/2

## Thoracic Retractors

54



**54-041-20**  
21 cm / 8 <sup>2</sup>/<sub>8</sub> "  
90 x 22 mm

**54-041-28**  
26.5 cm / 10 <sup>3</sup>/<sub>8</sub> "  
120 x 28 mm

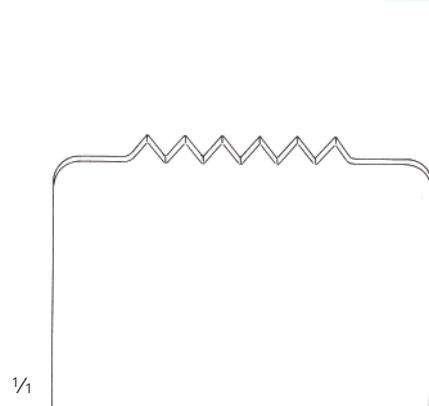


1/2

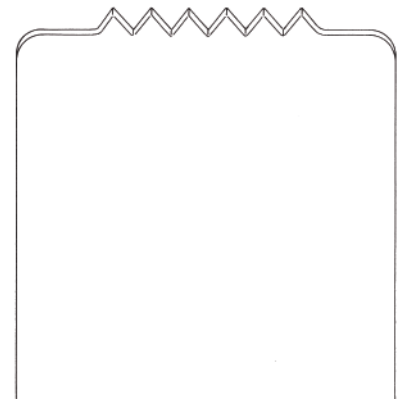
**Tessier**  
**54-041-20**  
**54-041-28**

black chromium-plated  
schwarz verchromt  
cromado en negro  
chromé noir  
cromato nero

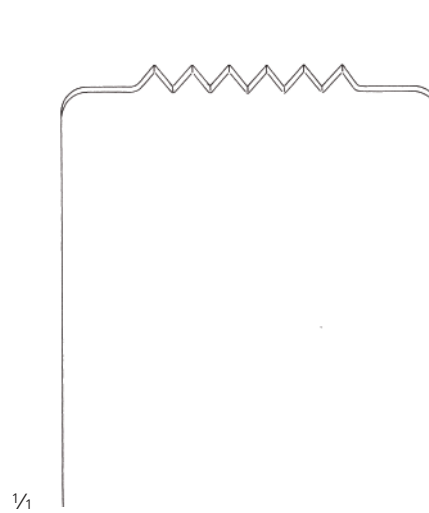
## Iliac Crest Retractors



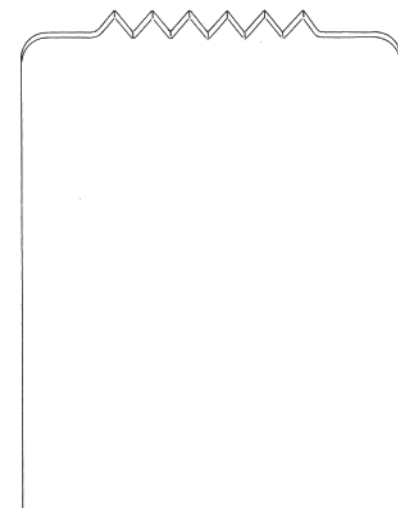
**54-042-01**  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub>"  
36 x 50 mm



**54-042-02**  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"  
52 x 50 mm



**54-042-03**  
17.5 cm / 6 <sup>7</sup>/<sub>8</sub>"  
59 x 50 mm



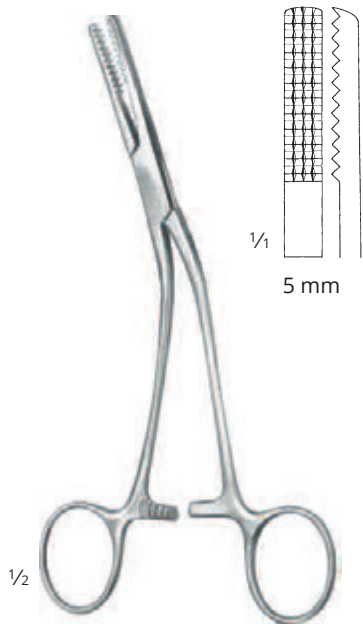
**54-042-04**  
18 cm / 7 <sup>1</sup>/<sub>8</sub>"  
66 x 50 mm



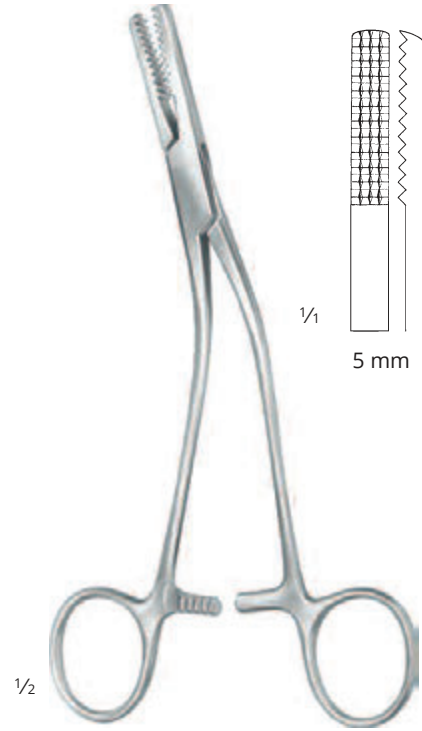
**Tessier**  
**54-042-01**  
**54-042-04**

black chromium-plated  
schwarz verchromt  
cromado en negro  
chromé noir  
cromato nero

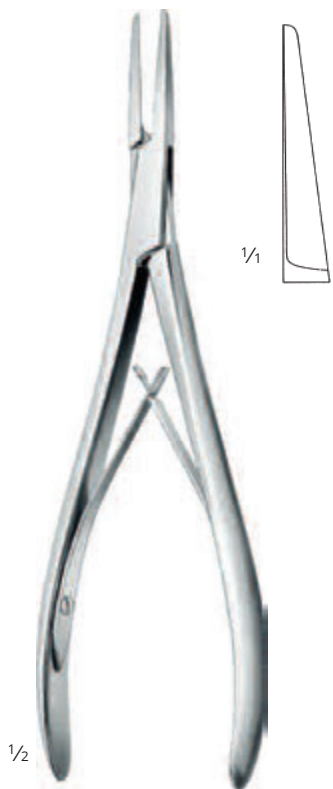
## Bone Holding Forceps, Bone Cutting Forceps



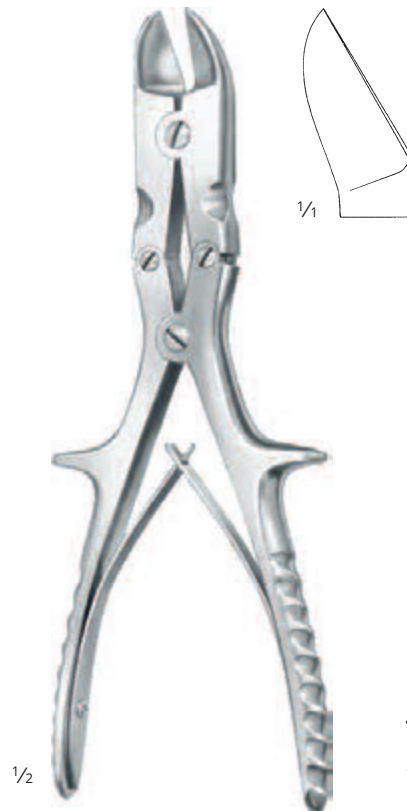
**Tessier**  
**54-043-16**  
16.5 cm / 6 <sup>4</sup>/<sub>8</sub> "



**Tessier**  
**54-044-18**  
18 cm / 7 <sup>1</sup>/<sub>8</sub> "



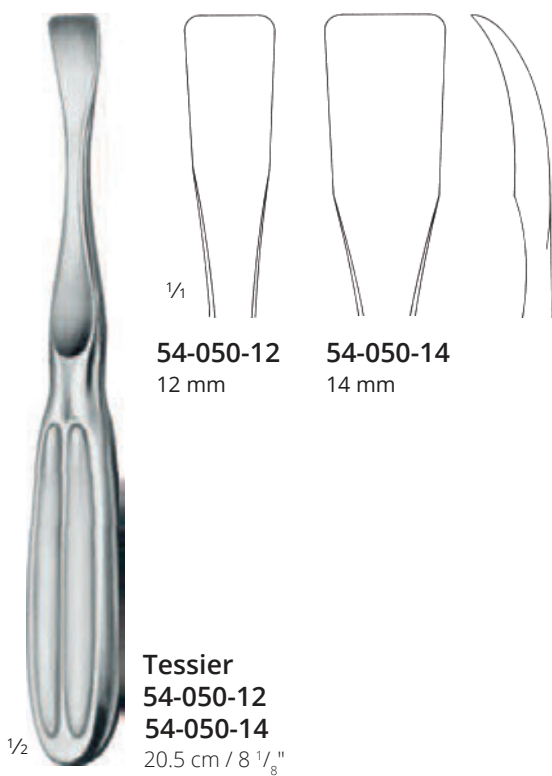
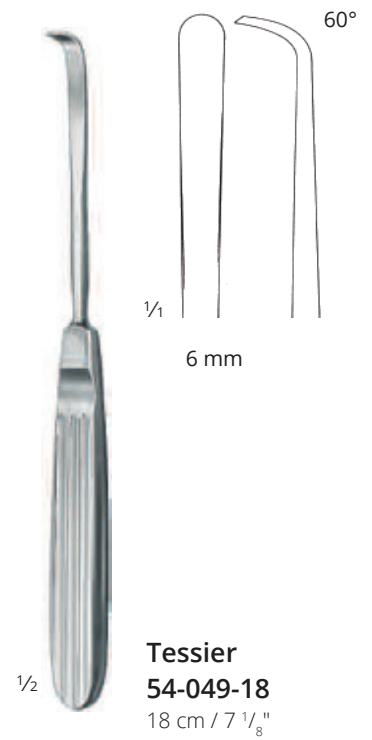
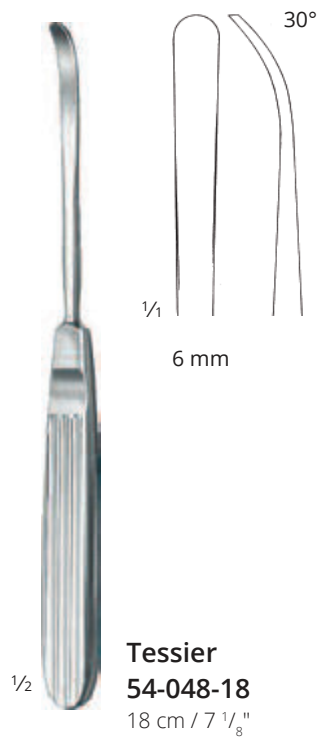
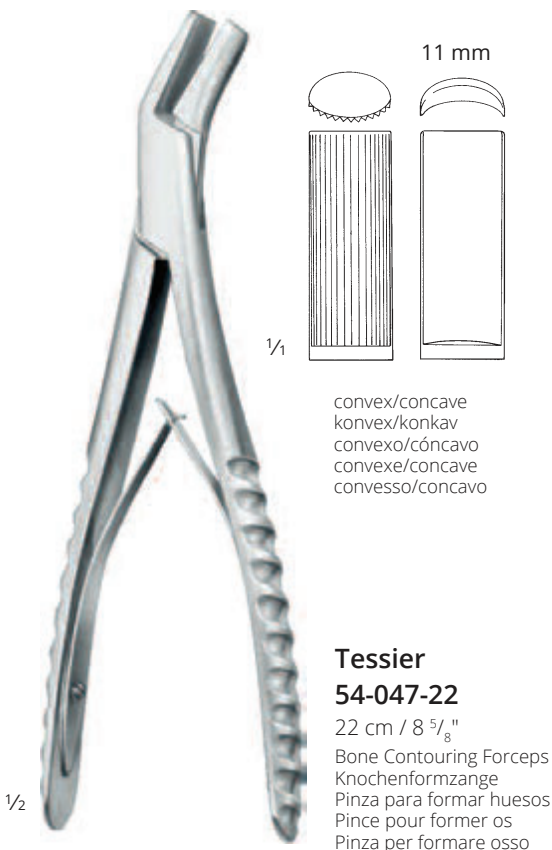
**Tessier**  
**54-045-18**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub> "  
slender pattern  
schlankes Modell  
modelo delgado  
modèle gracile  
modello delicato



**Tessier**  
**54-046-22**  
22 cm / 8 <sup>5</sup>/<sub>8</sub> "



# Periosteal Elevators, Awls



## Spatula

54



**54-053-01**  
10 - 12 mm



**54-053-02**  
15 - 17 mm



**54-053-03**  
20 - 22 mm

### Tessier

**54-053-01**

**54-053-03**

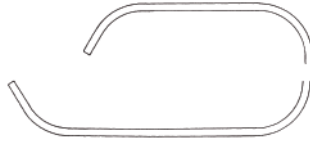
22 cm / 8 <sup>5</sup>/<sub>8</sub> "

black chromium-plated, conical, malleable  
schwarz verchromt, konisch, biegsam  
cromado en negro, cónico, maleable  
chromé noir, conique, malléable  
cromato nero, conico, malleabili

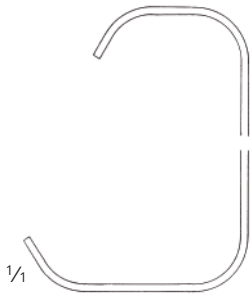
## Soft Tissue Retractors



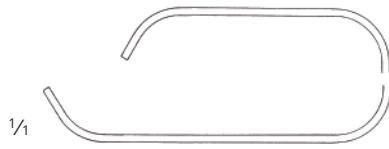
**54-054-02**  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"  
20 x 13 / 30 x 15 mm



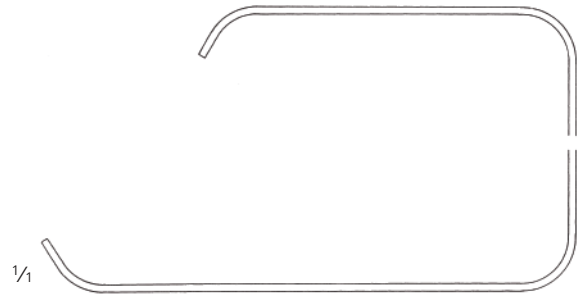
**54-054-03**  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub>"  
28 x 13 / 36 x 15 mm



19 x 7 / 29 x 10 mm



**54-054-04**  
15.5 cm / 6 <sup>1</sup>/<sub>8</sub>"  
33 x 12 / 43 x 15 mm



50 x 12 / 68 x 16 mm



**Tessier**  
**54-054-01**  
15 cm / 5 <sup>7</sup>/<sub>8</sub>"  
black chromium-plated  
schwarz verchromt  
cromado en negro  
chromé noir  
cromato nero



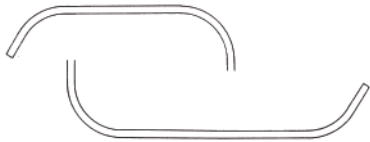
**Tessier**  
**54-054-02**  
**54-054-04**  
black chromium-plated  
schwarz verchromt  
cromado en negro  
chromé noir  
cromato nero



**Tessier**  
**54-054-05**  
16 cm / 6 <sup>2</sup>/<sub>8</sub>"  
black chromium-plated  
schwarz verchromt  
cromado en negro  
chromé noir  
cromato nero

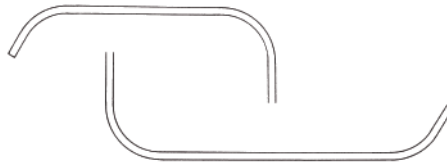
## Soft Tissue Retractors

54



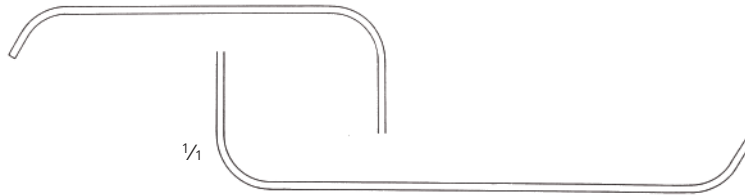
**54-055-03**

14.5 cm / 5 <sup>6</sup>/<sub>8</sub>"  
30 x 12 / 35 x 16 mm



**54-055-04**

15 cm / 5 <sup>7</sup>/<sub>8</sub>"  
35 x 12 / 45 x 16 mm



**54-055-05**

16 cm / 6 <sup>2</sup>/<sub>8</sub>"  
50 x 12 / 70 x 16 mm



**Tessier**

**54-055-03**

**54-055-05**

black chromium-plated  
schwarz verchromt  
cromado en negro  
chromé noir  
cromato nero

## Soft Tissue Retractors



Fig.1  
**54-056-01**  
8 mm



Fig.2  
**54-056-02**  
10 mm



Fig.3  
**54-056-03**  
7 mm

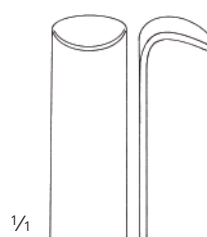


Fig.1  
**54-057-01**  
8 mm



Fig.2  
**54-057-02**  
10 mm



Fig.3  
**54-057-03**  
7 mm



$\frac{1}{2}$   
**Tessier**  
**54-056-01**  
**54-056-03**  
12.5 cm / 4  $\frac{7}{8}$  "  
black chromium-plated  
schwarz verchromt  
cromado en negro  
chromé noir  
cromato nero



$\frac{1}{2}$   
**Tessier**  
**54-057-01**  
**54-057-03**  
12.5 cm / 4  $\frac{7}{8}$  "  
black chromium-plated  
schwarz verchromt  
cromado en negro  
chromé noir  
cromato nero

## Saddle Hooklets, Osteotomes

54



1/2

**Tessier**  
**54-058-10**  
**54-058-20**

black chromium-plated  
schwarz verchromt  
cromado en negro  
chromé noir  
cromato nero



1/1

**54-058-10**  
15 cm / 5 7/8"  
10 mm



**54-058-17**  
15 cm / 5 7/8"  
17.5 mm



**54-058-20**  
15.5 cm / 6 1/8"  
20.5 mm



1/2

**Tessier**  
**54-059-19**  
19 cm / 7 4/8"

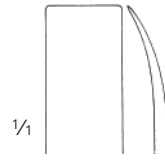


1/1



1/2

**Tessier**  
**54-060-18**  
18 cm / 7 1/8"



1/1

10 mm



1/2

**54-061-22**  
22 cm / 8 5/8"

## Dissecting Scissors, Wire Cutting Scissors



1/2

**Tessier**  
**54-062-13**

13 cm / 5 1/8"  
Undermining Scissors  
Unterminierschere  
Tijera para minar  
Ciseaux à tunéliser  
Forbici per tunnelare



1/2

**Tessier**  
**54-063-15**

15 cm / 5 7/8"

### TC GOLD



1/2

**Tessier**  
**54-064-16**

16.5 cm / 6 4/8"

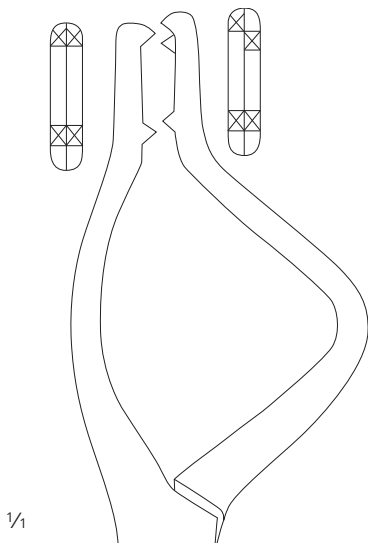


1/2

**Tessier**  
**54-065-12**

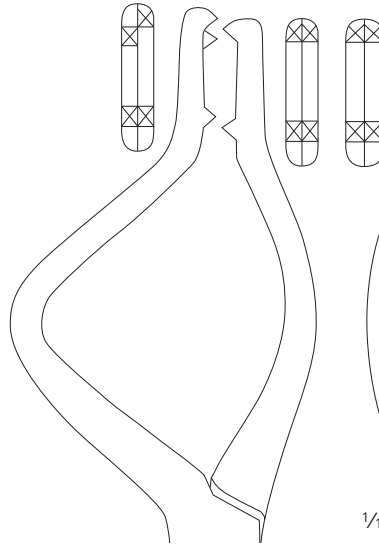
12 cm / 4 6/8"

# Disimpaction Forceps



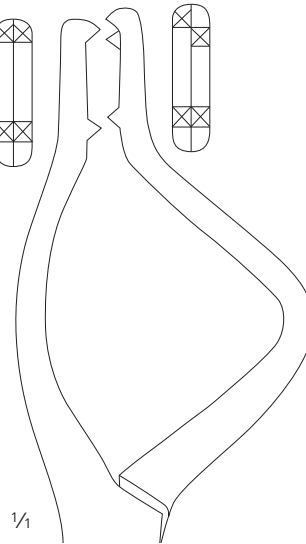
**54-066-01**

left  
links  
izquierda  
gauche  
sinistra



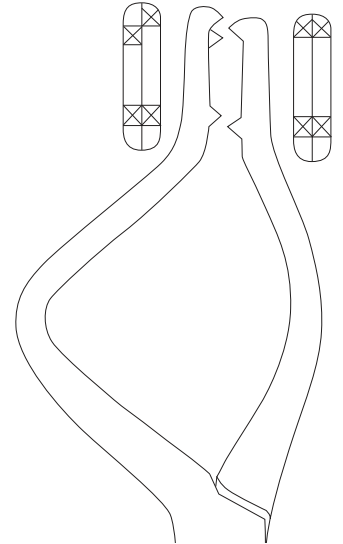
**54-066-02**

right  
rechts  
derecha  
droite  
destra



**54-067-01**

left  
links  
izquierda  
gauche  
sinistra



**54-067-02**

right  
rechts  
derecha  
droite  
destra



**Tessier**  
**54-066-01**  
**54-066-02**

23 cm / 9 "  
left, for children  
links, für Kinder  
izquierda, para niños  
gauche, pour enfants  
sinistra, per bambini



**Tessier**  
**54-067-01**  
**54-067-02**

23 cm / 9 "  
left, for children  
links, für Kinder  
izquierda, para niños  
gauche, pour enfants  
sinistra, per bambini



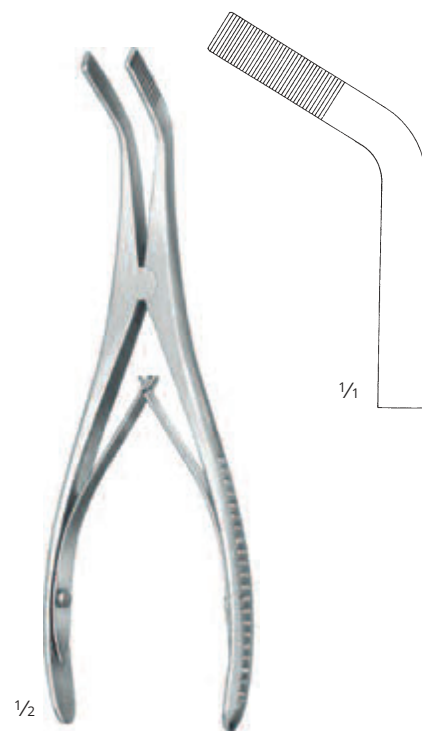
## Caliper, Bone Hook



**Tessier**  
**54-068-26**  
 26 cm / 10 <sup>2</sup>/<sub>8</sub>"  
 effective range  
 Messbereich  
 alcance eficaz  
 série effectif  
 rango effective  
**200 mm**

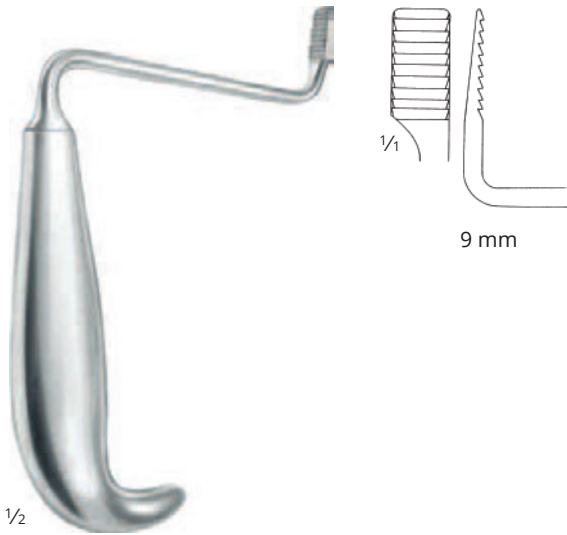


**Tessier**  
**54-069-19**  
 19 cm / 7 <sup>4</sup>/<sub>8</sub>"  
 black chromium-plated  
 schwarz verchromt  
 cromado en negro  
 chromé noir  
 cromato nero

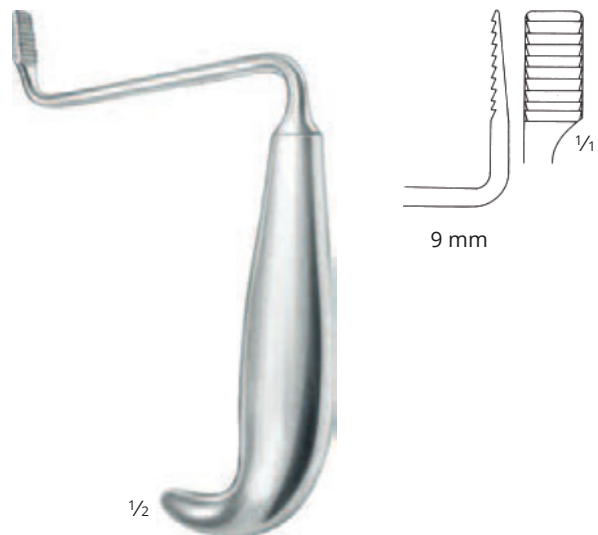


**Tessier**  
**54-070-17**  
 17 cm / 6 <sup>6</sup>/<sub>8</sub>"  
 Spreading Forceps  
 Spreizzange  
 Pinza de expansión  
 Pince à écarter  
 Pinze per allargare

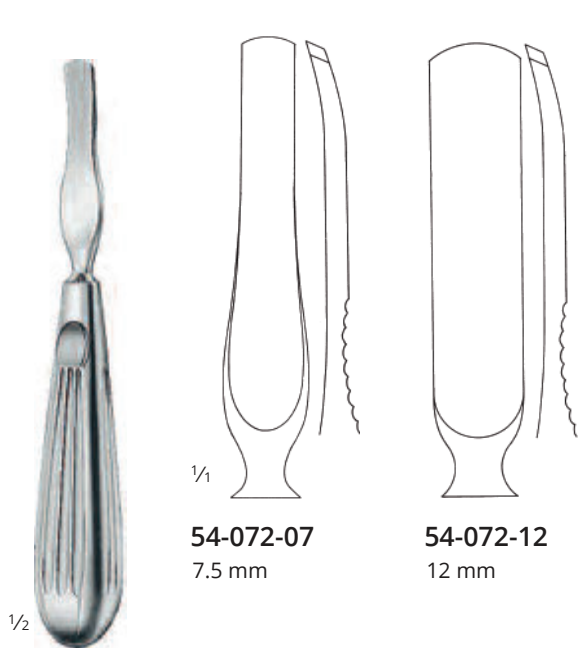
## Mobilizing Retractors, Periosteal Elevators



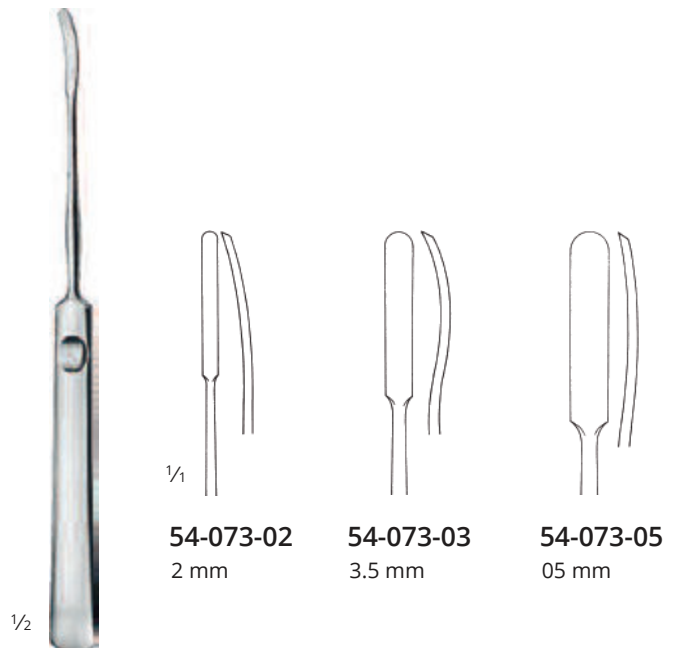
**Tessier**  
**54-071-01**  
 15 cm / 5 <sup>7</sup>/<sub>8</sub>"  
 right  
 rechts  
 derecho  
 droit  
 destra



**Tessier**  
**54-071-02**  
 15 cm / 5 <sup>7</sup>/<sub>8</sub>"  
 left  
 links  
 izquierdo  
 gauche  
 sinistra



**Marchac**  
**54-072-07**  
**54-072-12**  
 16 cm / 6 <sup>2</sup>/<sub>8</sub>"

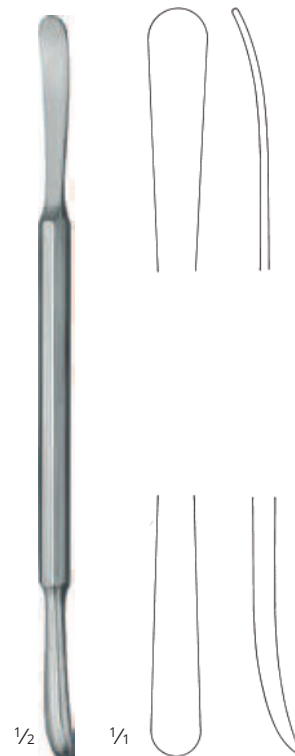


**Marchac**  
**54-073-02**  
**54-073-03**  
**54-073-05**  
 17 cm / 6 <sup>6</sup>/<sub>8</sub>"

## Elevators



**Steinberg**  
**54-074-18**  
18 cm / 7  $\frac{1}{8}$ "



**Steinberg**  
**54-075-20**  
19.5 cm / 7  $\frac{5}{8}$ "

## Elevators, Ramus Retractors

54



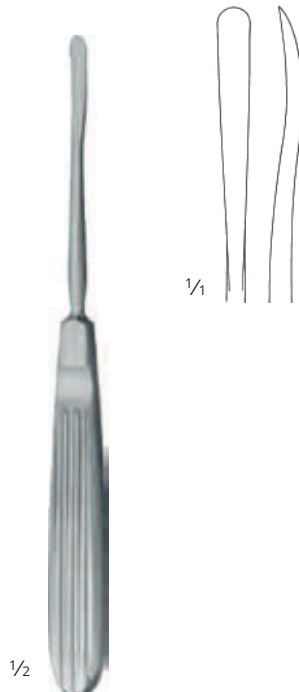
**54-078-50**  
50 x 8/11 mm



**54-078-60**  
60 x 9/13 mm



**Steinberg**  
**54-076-23**  
22.5 cm / 8 <sup>7</sup>/<sub>8</sub>"

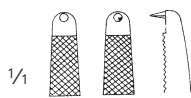
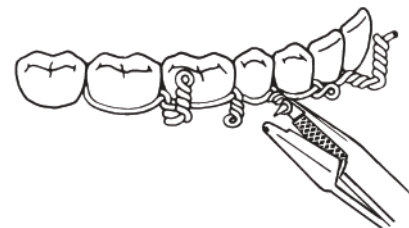
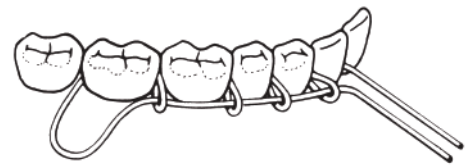
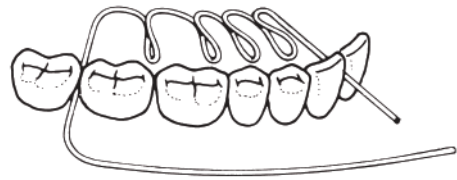


**Steinberg**  
**54-077-19**  
18.5 cm / 7 <sup>2</sup>/<sub>8</sub>"



**Steinberg**  
**54-078-50**  
**54-078-60**  
22 cm / 8 <sup>5</sup>/<sub>8</sub>"

# Eyelet forceps



1/2

**Obwegeser**  
**54-079-15**  
15 cm / 5 7/8"

## Suction Dissector, Osteotomes



1/2

**Marchac**  
**54-080-19**  
19 cm / 7 4/8"



1/2

**Marchac**  
**54-081-04**  
**54-081-08**  
18.5 cm / 7 2/8"



1/1

**54-081-04**  
4 mm



**54-081-06**  
6 mm



**54-081-08**  
8 mm



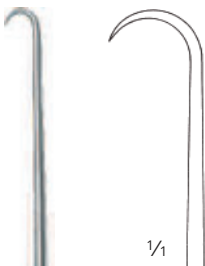
1/1

6 mm



1/2

**Marchac**  
**54-082-18**  
18.5 cm / 7 2/8"



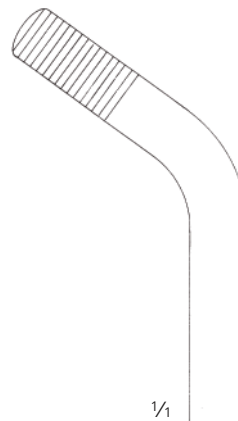
1/2

**Marchac**  
**54-083-20**  
20 cm / 7 7/8"

1/1



1/2



1/1

**Marchac**  
**54-084-17**  
17.5 cm / 6 7/8"  
Bone Expander  
Knochensprezzange  
Pinza para separar huesos  
Pince pour séparer os  
Pinza per separare ossa



56

# Asepsis

## Nail Scissors

56



**56-001-10**

nail scissors and nail file with chain  
Nagelschere und Nagelfeile an Kette  
tijeras y lima para uñas con cadena  
ciseaux à ongles et lime à ongles avec chaîne  
forbici e lima per unghie con catena



**56-002-10**

10.5 cm / 4 1/8"



**56-003-14**

14 cm / 5 4/8"



**56-004-14**

14 cm / 5 4/8"

**56-004-16**

16 cm / 6 2/8"



**Turnbull**

**56-005-11**

12 cm / 4 6/8"

**56-005-13**

13 cm / 5 1/8"



**56-006-13**

13 cm / 5 1/8"



**56-007-12**

12 cm / 4 6/8"



## Nail Nippers, Cuticle Nippers, Cuticle Scissors, Nail Files



1/2

**56-008-10**

**56-008-15**

straight cutting edges  
gerade Schneiden  
hojas cortantes rectas  
lames tranchantes droites  
parte tagliente diritta

**56-008-10** 10 cm / 3 7/8"

**56-008-13** 13 cm / 5 1/8"

**56-008-15** 15 cm / 5 7/8"



1/2

**56-009-11** 11 cm / 4 3/8"

**56-009-13** 13 cm / 5 1/8"



1/2

**56-010-11**

11 cm / 4 3/8"  
delicate pattern  
feines Modell  
modelo delicado  
modèle fin  
modello fino



1/2

**56-011-10**

**56-011-12**  
delicate pattern  
feines Modell  
modelo delicado  
modèle fin  
modello fino

**56-011-10** 10.5 cm / 4 1/8"

**56-011-12** 11.5 cm / 4 4/8"



1/2

**56-012-10**

**56-012-12**

delicate pattern  
feines Modell  
modelo delicado  
modèle fin  
modello fino

**56-012-10** 10.5 cm / 4 1/8"

**56-012-12** 11.5 cm / 4 4/8"



1/2

**56-013-10**  
10 cm / 3 7/8"



1/2

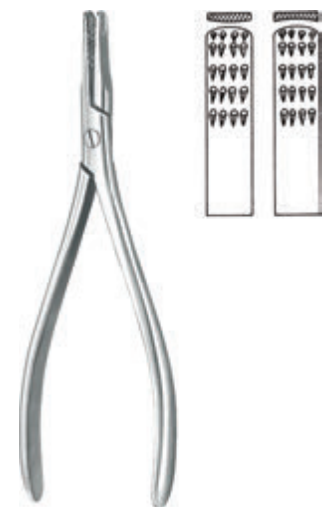
**56-014-11**  
11 cm / 4 3/8"



1/2

**56-015-16**

16 cm / 6 2/8"  
sapphire coating  
Saphirbelag  
recubrimiento de zafiro  
couche en saphir  
rivestimento in zaffiro



**Radolf**  
**56-016-01**

13.5 cm / 5.31"



58

# Hygiene, Storage

## Sterilizing Forceps, Storage Rack For Petri Dishes



$\frac{1}{3}$

**Cheattle**  
**58-001-27**  
27 cm / 10  $\frac{5}{8}$ "

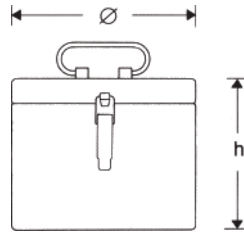


$\frac{1}{3}$

**58-002-30**  
30 cm / 11  $\frac{6}{8}$ "

## Dressing Sterilizing Drums, Needle Cases

St  
18/8



58

Ø x H

58-003-14 = 140 x 140 mm

58-003-16 = 160 x 120 mm

58-003-17 = 160 x 150 mm

58-003-19 = 190 x 150 mm

58-003-20 = 190 x 190 mm

58-003-23 = 240 x 160 mm

58-003-24 = 240 x 240 mm

58-003-28 = 290 x 160 mm

58-003-29 = 290 x 240 mm

58-003-33 = 340 x 160 mm

58-003-34 = 340 x 240 mm

58-003-38 = 390 x 190 mm

58-003-39 = 390 x 290 mm

### Schimmelbusch

58-003-14

58-003-39

without filter, laterally perforated,  
lockable by sliding mechanism  
ohne Filter, seitlich perforiert,  
durch Schieber verschließbar  
sin filtro, lateralmente perforado,  
cerradura por mecanismo corredizo  
sans filtre, perforé latéralment,  
fermeture par éclipse  
senza filtro, perforato lateralmente,  
con serratura a spintore



ca.  $\frac{1}{3}$

### Sauerbruch

58-004-20

210 x 125 x 17 mm

perforated lid and bottom  
Deckel und Boden perforiert  
tapa y fondo perforado  
couvercle et fond perforé  
coperchio e fondo perforati



ca.  $\frac{1}{3}$

### Sauerbruch

58-005-20

210 x 125 x 17 mm

perforated lid and bottom  
Deckel und Boden perforiert  
tapa y fondo perforado  
couvercle et fond perforé  
coperchio e fondo perforati

## Storage Cases, Needle Cases

St  
18/8



**58-006-75**

120 x 65 x 13 mm

without contents  
ohne Inhalt  
sin contenido  
sans contenu  
senza contenuto



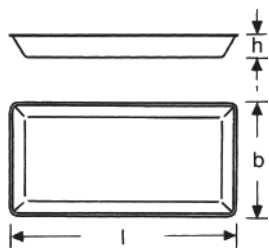
**58-008-75**

120 x 65 x 13 mm

with spiral spring, without contents  
mit Spiralfeder, ohne Inhalt  
con resorte espiral, sin contenido  
avec ressort en spirale, sans contenu  
con molla a spirale, senza contenuto

**58-007-76**

Silicone Tape, for storing micro bulldog clips  
Silikonband, zur Lagerung von Mikro-Bulldogclips  
Cinta de silicona, para almacenar micro bulldog clips  
Bande en silicone, pour stockage de micro clips  
Nastro in silicone, per magazzino d micro-clips



**58-009-50** 50 x 125 x 4.5 mm  
**58-009-65** 65 x 42 x 8 mm  
**58-009-75** 75 x 25 x 4.5 mm

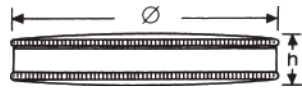


**58-010-50** 50 x 125 x 4.5 mm  
**58-010-65** 65 x 42 x 8 mm  
**58-010-75** 75 x 25 x 4.5 mm

## Needle Cases

St  
18/8

58



**58-011-65**

H = 18 mm Ø 67 mm

complete with perforated interior box  
komplett mit perforierter Innendose  
completa con caja interior perforada  
complet avec boîte intérieure perforée  
completo con scatola interiore perforata

**58-012-65**

H = 15 mm Ø 61 mm

Interior Box, perforated lid and bottom  
Innendose, Deckel und Boden perforiert  
Caja interior, tapa y fondo perforado  
Boîte intérieure, couvercle et fond perforé  
Scatola per aghi, coperchio e fondo perforati

**Martin-Propor**

**58-013-08**

H = 13 mm Ø 78 mm

slotted lid, for disposal of used burrs  
mit Schlitz im Deckel, zur Aufnahme gebrauchter Bohrer  
tapa con hendidura, para sacar fresas usadas  
avec fente dans le couvercle, pour la prise des mèches utilisées  
con fessura nel coperchio, per buttare via punte usate



**58-014-01**

150 x 95 x 13 mm



**58-014-02**

150 x 95 x 13 mm

perforated lid and bottom  
Deckel und Boden perforiert  
tapa y fondo perforado  
couvercle et fond perforé  
coperchio e fondo perforati



**58-014-03**

150 x 95 x 13 mm

perforated bottom  
Boden perforiert  
fondo perforado  
fond perforé  
fondo perforato



**58-014-05**

150 x 95 x 13 mm

perforated lid and bottom  
Deckel und Boden perforiert  
tapa y fondo perforado  
couvercle et fond perforé  
coperchio e fondo perforati

## Needle Cases, Storing Cup

St  
18/8



1/4

**58-015-01**

150 x 95 x 13 mm



1/4

**58-015-02**

150 x 95 x 13 mm

perforated lid and bottom  
Deckel und Boden perforiert  
tapa y fondo perforado  
couvercle et fond perforé  
coperchio e fondo perforati



1/4

**58-016-02**

150 x 95 x 11 mm

Needle Tray, perforated bottom  
Nadelschale, Boden perforiert  
Bandeja para agujas, fondo perforado  
Boîte pour aiguilles, fond perforé  
Scatola per aghi, fondo perforati



**58-017-00**

H= 75 mm Ø 75 mm

for micro instruments, with exchangeable silicone plate  
für Mikroinstrumente, mit auswechselbarer Silikon-Bodenplatte  
para micro instrumentos, con plaquita de silicona cambiabile  
pour micro instruments, avec plaque de fond en silicone interchangeable  
per micro strumenti, con stuoia di silicone intercambiabile



**58-017-01**

Silicone plate  
Silikoneinlage  
Plaquita de silicona  
Plaque de silicone  
Stuoia in silicone

## Dressing Forceps In Jar With Cap

St  
18/8

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### Mod. Martin 58-018-25

jar 20,5 cm high,  
with 25 cm long dressing forceps  
Standgefäß 20,5 cm hoch,  
mit 25 cm langer Kornzange  
tarro 20,5 cm de altura,  
con pinza de vendaje de 25 cm  
goblet 20,5 cm de hauteur,  
avec pince à pansement de 25 cm longueur  
contenitore 20,5 cm di altezza,  
con pinza per medicatura di 25 cm di lunghezza

### Mod. Martin 58-018-32

jar 25,5 cm high,  
with 32 cm long dressing forceps  
Standgefäß 25,5 cm hoch,  
mit 32 cm langer Kornzange  
tarro 25,5 cm de altura,  
con pinza de vendaje de 32 cm  
goblet 25,5 cm de hauteur,  
avec pince à pansement de 25 cm longueur  
contenitore 25,5 cm di altezza,  
con pinza per medicatura di 32 cm di lunghezza



# Safety Pins

St  
18/8



1/2

**Mayo**  
**58-021-14**  
14 cm / 5 4/8"



1/2

**Mayo**  
**58-022-14**  
14 cm / 5 4/8"

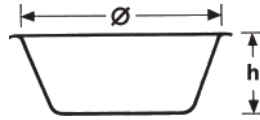


60

# Stainless Steel Receptacles

## Round Bowls, Flat Dishes

St  
18/8



60



60-001-16  
60-001-41

	Ø x H	
60-001-16	= Ø 150 x 74 mm	750 cm
60-001-17	= Ø 160 x 65 mm	1.000 cm
60-001-22	= Ø 220 x 70 mm	2.000 cm
60-001-24	= Ø 240 x 95 mm	3.000 cm
60-001-27	= Ø 260 x 130 mm	4.500 cm
60-001-31	= Ø 300 x 105 mm	6.000 cm
60-001-34	= Ø 320 x 140 mm	8.500 cm
60-001-38	= Ø 380 x 125 mm	11.000 cm
60-001-41	= Ø 400 x 150 mm	14.000 cm



60-002-33  
60-003-33

	Ø x H	
60-002-33	= Ø 330 x 90 mm	6.000 cm
60-003-33	= Ø 330 x 115 mm	8.000 cm

# Stainless Steel Bowls, Measurers, Petri Dishes

St  
18/8



	Ø x H	
60-004-04	= Ø 40 x 19 mm	20 cm
60-004-06	= Ø 61 x 30 mm	70 cm
60-004-08	= Ø 80 x 40 mm	140 cm
60-004-11	= Ø 116 x 50 mm	250 cm
60-004-12	= Ø 128 x 55 mm	350 cm
60-004-14	= Ø 147 x 65 mm	500 cm
60-004-16	= Ø 176 x 75 mm	900 cm
60-004-18	= Ø 187 x 85 mm	1.300 cm

	Ø x H	
60-005-11	= Ø 116 x 35 mm	200 cm
60-005-12	= Ø 128 x 38 mm	300 cm
60-005-14	= Ø 147 x 50 mm	400 cm
60-005-16	= Ø 167 x 45 mm	500 cm
60-005-18	= Ø 187 x 45 mm	800 cm



graduated inside  
innen graduirt  
graduado interiormente  
gradu  interiorment  
graduato all`interno

60-006-01 = 100 cm



graduated inside  
innen graduirt  
graduado interiormente  
gradu  interiorment  
graduato all`interno

60-007-02 = 250 cm

60-007-05 = 500 cm

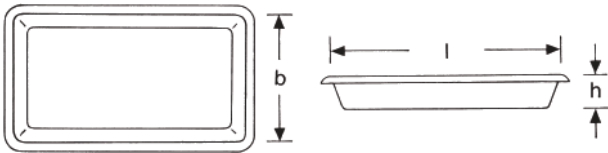
60-007-10 = 1.000 cm

60-007-20 = 2.000 cm

## Universal Trays, Instrument Trays

St  
18/8

60



L x B x H	
60-008-23	= 230 x 155 x 30 mm
60-008-30	= 300 x 175 x 30 mm
60-008-31	= 300 x 175 x 40 mm
60-008-35	= 350 x 240 x 40 mm
60-008-40	= 470 x 320 x 50 mm



L x B x H	
60-009-21	= 210 x 160 x 10 mm
60-009-24	= 240 x 180 x 10 mm
60-009-30	= 310 x 150 x 10 mm
60-009-31	= 310 x 210 x 10 mm
60-009-35	= 350 x 240 x 10 mm
60-009-40	= 420 x 290 x 20 mm
60-009-42	= 400 x 300 x 12 mm



L x B x H	
60-010-23	= 235 x 190 x 40 mm

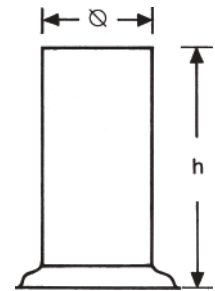


Ø x H	
60-011-22	= Ø 220 mm x 70 mm

## Metal Jars, Instrument Boxes



St  
18/8



Lid only, closed  
Deckel allein, geschlossen  
Tapa suelta, cerrada  
Couvercle seul, fermé  
Coperchio solo, chiuso

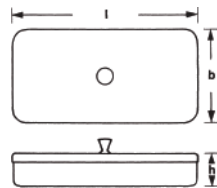


Lid only, with triangular opening  
Deckel allein, mit dreieckiger Aussparung  
Tapa suelta, con abertura triangular  
Couvercle seul, avec ouverture triangulaire  
Coperchio solo, con apertura triangolare

60-012-21 = Ø 30 mm x 90 mm	-	-
60-012-50 = Ø 50 mm x 100 mm	60-013-50 = Ø 50 mm	60-014-50 = Ø 50 mm
60-012-51 = Ø 50 mm x 130 mm	60-013-50 = Ø 50 mm	60-014-50 = Ø 50 mm
60-012-52 = Ø 50 mm x 175 mm	60-013-50 = Ø 50 mm	60-014-50 = Ø 50 mm
60-012-75 = Ø 75 mm x 100 mm	60-013-75 = Ø 75 mm	60-014-75 = Ø 75 mm
60-012-76 = Ø 75 mm x 130 mm	60-013-75 = Ø 75 mm	60-014-75 = Ø 75 mm
60-012-77 = Ø 75 mm x 175 mm	60-013-75 = Ø 75 mm	60-014-75 = Ø 75 mm
60-012-98 = Ø 100 mm x 175 mm	60-013-99 = Ø 100 mm	60-014-99 = Ø 100 mm
60-012-99 = Ø 100 mm x 200 mm	60-013-99 = Ø 100 mm	60-014-99 = Ø 100 mm



lid with knob  
mit Knopfdeckel  
tapa con botón  
avec couvercle à bouton  
con coperchio a bottone



lid without knob  
Deckel ohne Knopf  
tapa sin botón  
couvercle sans bouton  
coperchio senza bottone

L x B x H	
60-015-16	= 165 x 85 x 35 mm
60-015-20	= 200 x 100 x 35 mm
60-015-21	= 200 x 100 x 50 mm
60-015-23	= 230 x 130 x 50 mm
60-015-26	= 260 x 150 x 50 mm
60-015-27	= 270 x 235 x 50 mm
60-015-30	= 300 x 200 x 50 mm
60-015-33	= 325 x 275 x 50 mm

L x B x H	
60-016-16	= 165 x 85 x 35 mm
60-016-20	= 200 x 100 x 35 mm
60-016-21	= 200 x 100 x 50 mm
60-016-23	= 230 x 130 x 50 mm
60-016-26	= 260 x 150 x 50 mm
60-016-27	= 270 x 235 x 50 mm
60-016-30	= 300 x 200 x 50 mm
60-016-32	= 325 x 275 x 30 mm
60-016-33	= 325 x 275 x 50 mm
60-016-42	= 420 x 80 x 40 mm
60-016-43	= 420 x 175 x 50 mm

# Instrument Boxes, Round Metal Boxes, Medicine Cups

St  
18/8

60



L x B x H

**60-017-20** = 205 x 105 x 40 mm



Ø x H

**60-018-06** = Ø 75 mm x 60mm

**60-018-07** = Ø 75 mm x 75 mm

**60-019-06** = Ø 100 mm x 60 mm

**60-019-10** = Ø 100 mm x 100 mm

**60-020-08** = Ø 125 mm x 80 mm

**60-020-12** = Ø 125 mm x 125 mm

**60-021-15** = Ø 150 mm x 150 mm



**60-022-25**

25 cm

graduated inside  
innen graduiert  
graduado interiormente  
gradu  int rieurement  
graduato all`interno



**60-023-50**

50 cm

graduated inside  
innen graduiert  
graduado interiormente  
gradu  int rieurement  
graduato all`interno

## Cups, Kidney Dishes

St  
18/8



**60-024-90**

Ø 90 x 90 cm

Metal Cup  
Mundbecher  
Vaso metálico  
Goblet en métal  
Bicchiere metallico



**60-025-75**

Ø 75 x 50 cm

Denture Cup  
Zahnprothesenbecher  
Tarro para prótesis dental  
Récipient à prothèses dentaires  
Recipiente per protesi dentarie

with lid  
mit Deckel  
con tapa  
avec couvercle  
con coperchio



L x B x H

**60-026-17** = 170 x 100 x 35 mm

**60-026-25** = 250 x 140 x 40 mm

**60-026-27** = 275 x 150 x 45 mm





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